

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085128.D
 Acq On : 2 Mar 2016 19:23
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:45:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164643	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	629018	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	314162	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	546043	20.00	ng	0.00
75) Chrysene-d12	14.16	240	344628	20.00	ng	0.00
86) Perylene-d12	15.64	264	397834	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	774163	76.34	ng	0.00
7) Phenol-d6	6.62	99	1049926	78.97	ng	0.00
23) Nitrobenzene-d5	7.56	82	920815	77.88	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	289182	91.60	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1474854	69.14	ng	0.00
78) Terphenyl-d14	13.10	244	1210266	82.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	193830	38.57	ng	98
3) Pyridine	3.48	79	547072	42.41	ng	98
4) n-Nitrosodimethylamine	3.41	42	214764	36.59	ng	93
6) Aniline	6.65	93	699423	37.07	ng	97
8) 2-Chlorophenol	6.78	128	482300	41.26	ng	92
9) Benzaldehyde	6.54	77	253894	38.90	ng	97
10) Phenol	6.63	94	662955	44.57	ng	96
11) bis(2-Chloroethyl)ether	6.72	93	409137	34.70	ng	92
12) 1,3-Dichlorobenzene	6.94	146	494206	39.36	ng	96
13) 1,4-Dichlorobenzene	7.01	146	472773	36.94	ng	98
14) 1,2-Dichlorobenzene	7.17	146	495402	43.97	ng	96
15) Benzyl Alcohol	7.13	79	408270	42.13	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	660093	37.99	ng	100
17) 2-Methylphenol	7.24	107	369686	37.75	ng	99
18) Hexachloroethane	7.51	117	185859	39.29	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	347526	39.67	ng	98
20) 3+4-Methylphenols	7.40	107	481651	41.15	ng	89
22) Acetophenone	7.41	105	669408	42.31	ng	# 89
24) Nitrobenzene	7.58	77	546010	44.52	ng	# 88
25) Isophorone	7.82	82	925225	40.91	ng	95
26) 2-Nitrophenol	7.89	139	217358	39.63	ng	# 68
27) 2,4-Dimethylphenol	7.92	122	407610	38.35	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	564162	45.23	ng	100
29) 2,4-Dichlorophenol	8.13	162	343672	39.30	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	398460	41.80	ng	99
31) Naphthalene	8.30	128	1218161	38.29	ng	99
32) Benzoic acid	8.04	122	298306	48.30	ng	97
33) 4-Chloroaniline	8.34	127	512182	40.73	ng	98
34) Hexachlorobutadiene	8.42	225	236717	42.81	ng	99
35) Caprolactam	8.72	113	120959	44.07	ng	# 86
36) 4-Chloro-3-methylphenol	8.82	107	423998	43.85	ng	91
37) 2-Methylnaphthalene	9.00	142	823609	42.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	372734	38.53	ng	99
40) Hexachlorocyclopentadiene	9.14	237	168334	30.56	ng	97

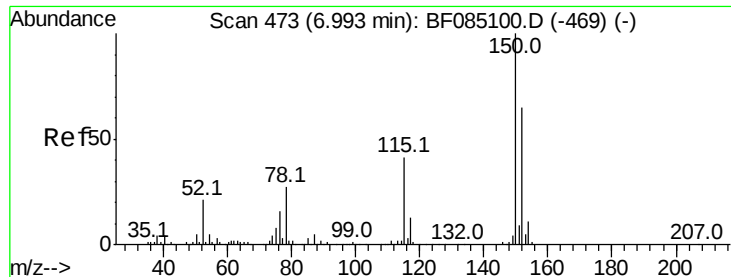
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085128.D
 Acq On : 2 Mar 2016 19:23
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:45:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	265830	40.81	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	266909	42.76	nq	96
45) 1,1'-Biphenyl	9.45	154	1009990	36.22	nq	96
46) 2-Chloronaphthalene	9.48	162	765981	37.66	nq	95
47) 2-Nitroaniline	9.57	65	218008	34.14	nq	# 70
48) Acenaphthylene	9.90	152	1282423	42.42	nq	99
49) Dimethylphthalate	9.75	163	855186	36.71	nq	100
50) 2,6-Dinitrotoluene	9.82	165	206764	42.80	nq	# 67
51) Acenaphthene	10.07	154	784854	41.35	nq	100
52) 3-Nitroaniline	9.98	138	200231	34.89	nq	85
53) 2,4-Dinitrophenol	10.08	184	53071	36.93	nq	# 10
54) Dibenzofuran	10.24	168	1041997	42.29	nq	94
55) 4-Nitrophenol	10.13	139	144036	32.71	nq	# 53
56) 2,4-Dinitrotoluene	10.22	165	279915	43.01	nq	# 70
57) Fluorene	10.58	166	853945	44.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	208853	44.17	nq	94
59) Diethylphthalate	10.45	149	869926	38.97	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	416518	41.71	nq	95
61) 4-Nitroaniline	10.60	138	223060	41.47	nq	96
62) Azobenzene	10.73	77	882418	39.12	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	92728	31.22	nq	# 53
65) n-Nitrosodiphenylamine	10.69	169	667681	38.80	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	269142	46.94	nq	# 90
67) Hexachlorobenzene	11.13	284	282381	43.63	nq	# 91
68) Atrazine	11.21	200	211136	40.21	nq	99
69) Pentachlorophenol	11.32	266	138972	36.59	nq	99
70) Phenanthrene	11.54	178	1141391	42.02	nq	99
71) Anthracene	11.59	178	1166966	38.26	nq	97
72) Carbazole	11.75	167	1062364	40.02	nq	97
73) Di-n-butylphthalate	12.08	149	1315511	41.64	nq	99
74) Fluoranthene	12.73	202	1112581	37.32	nq	95
76) Benzidine	12.85	184	471491	45.25	nq	99
77) Pyrene	12.96	202	1077730	45.81	nq	97
79) Butylbenzylphthalate	13.57	149	431944	43.36	nq	# 61
80) Benzo(a)anthracene	14.15	228	818811	40.92	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	310930	49.72	nq	# 97
82) Chrysene	14.19	228	834170	45.65	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	554176	48.18	nq	99
84) Di-n-octyl phthalate	14.75	149	936147	54.83	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	990785	64.13	nq	99
87) Benzo(b)fluoranthene	15.20	252	834554	34.45	nq	99
88) Benzo(k)fluoranthene	15.20	252	834554	39.78	nq	# 96
89) Benzo(a)pyrene	15.57	252	828408	40.66	nq	99
90) Dibenzo(a,h)anthracene	17.15	278	837606	45.64	nq	98
91) Benzo(g,h,i)perylene	17.58	276	786643	42.16	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

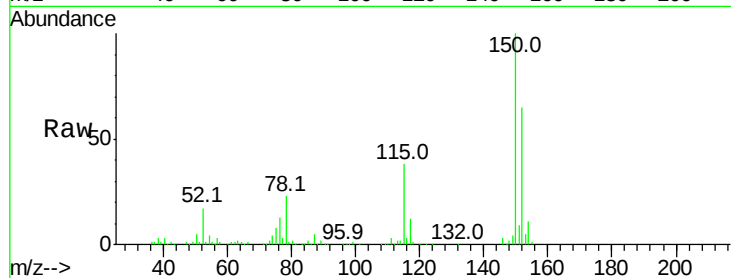
Tot Ion:152 Resp: 164643

Ion Ratio Lower Upper

152 100

150 154.7 123.4 185.0

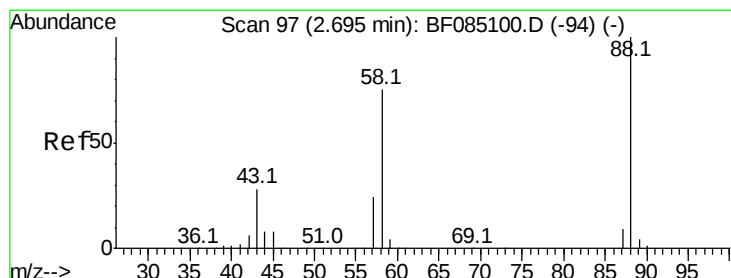
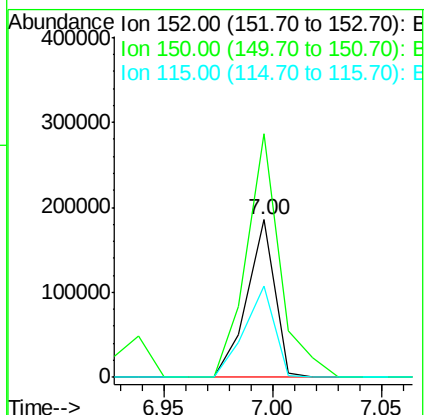
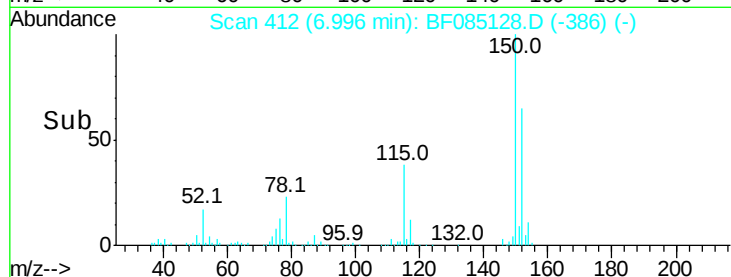
115 58.4 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.57 ng

RT: 2.69 min Scan# 35

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

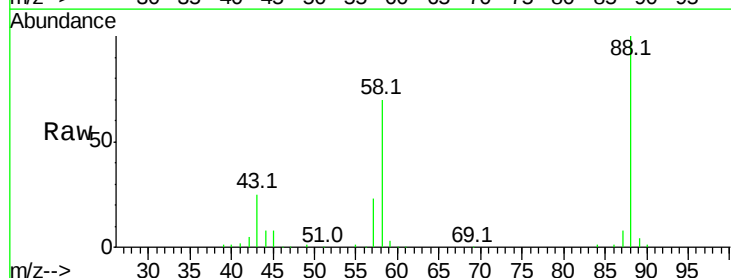
Tgt Ion: 88 Resp: 193830

Ion Ratio Lower Upper

88 100

58 71.1 58.4 87.6

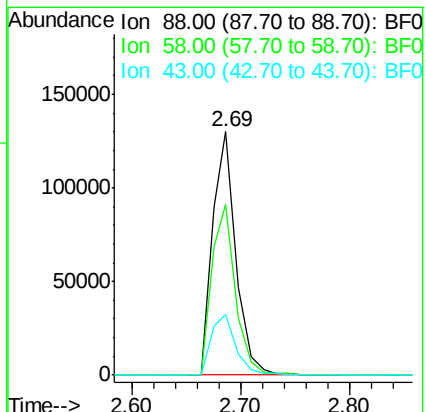
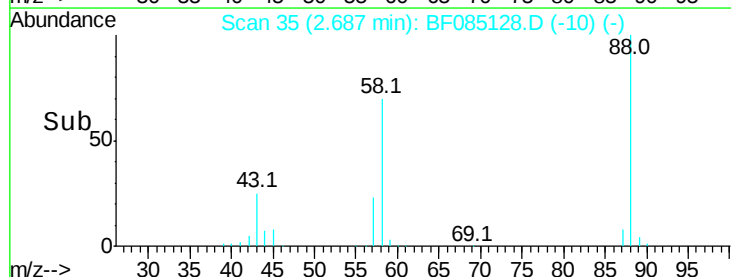
43 27.2 22.2 33.4

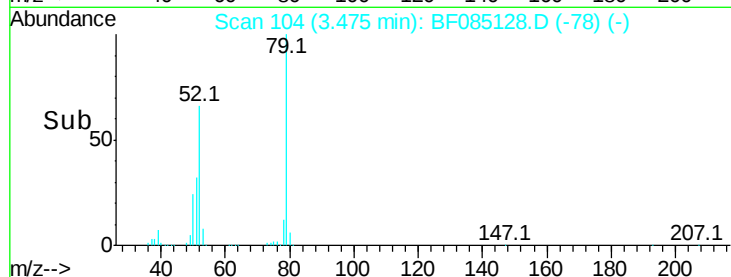
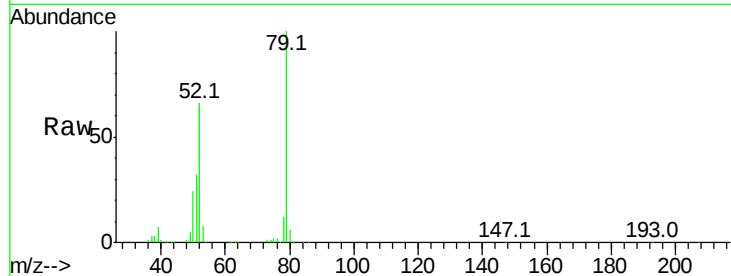
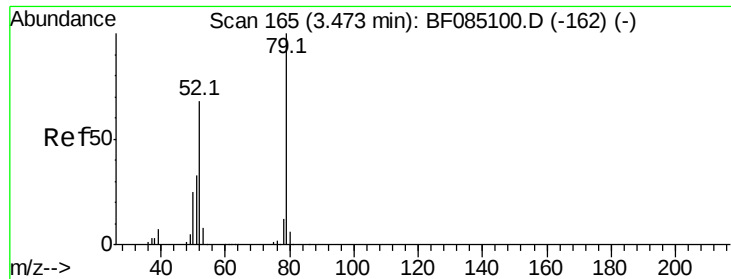


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

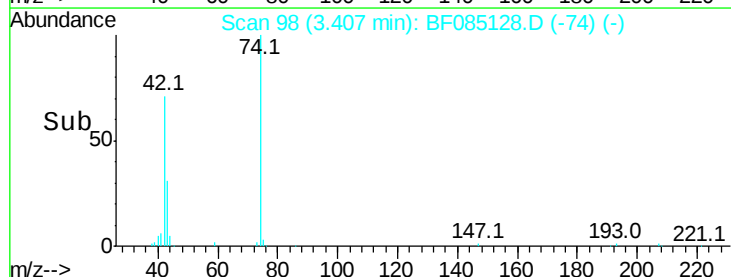
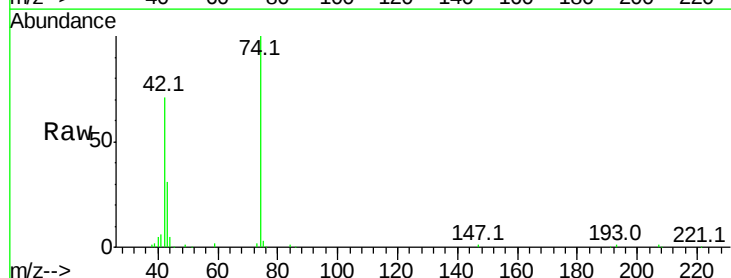
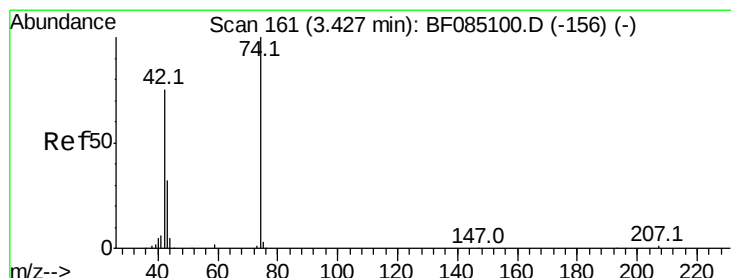
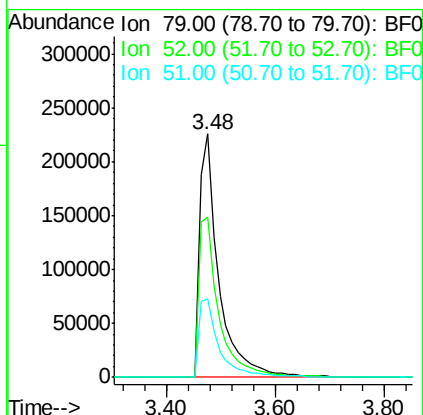




#3
 Pvridine
 Concen: 42.41 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

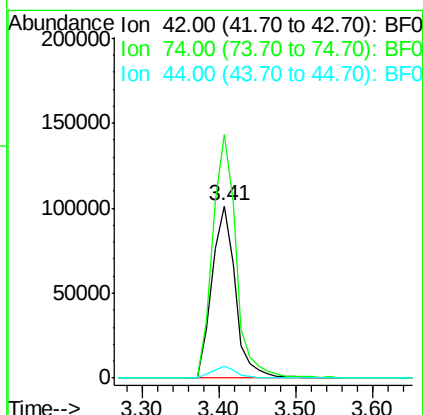
Instrument :
 BNA_F
 ClientSampleId :

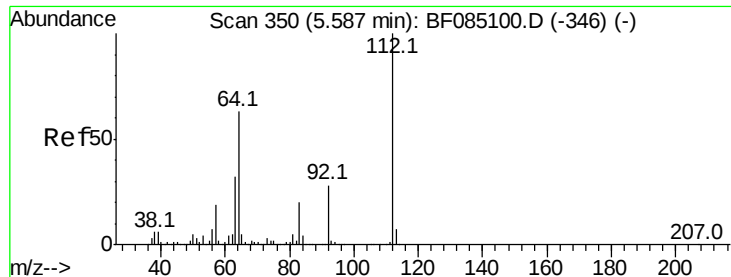
Tot Ion: 79 Resp: 547072
 Ion Ratio Lower Upper
 79 100
 52 66.0 54.1 81.1
 51 32.0 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 36.59 ng
 RT: 3.41 min Scan# 98
 Delta R.T. -0.02 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion: 42 Resp: 214764
 Ion Ratio Lower Upper
 42 100
 74 141.6 106.6 160.0
 44 6.7 5.4 8.2





#5

2-Fluorophenol

Concen: 76.34 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

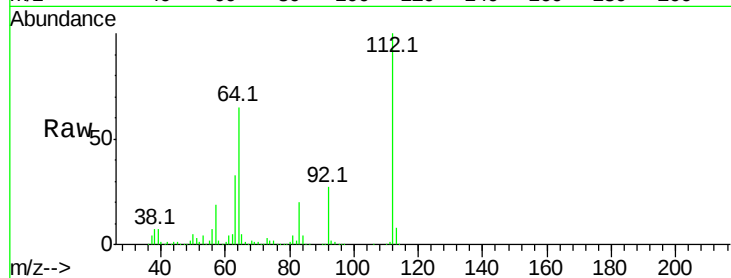
Tot Ion:112 Resp: 774163

Ion Ratio Lower Upper

112 100

64 64.9 50.6 76.0

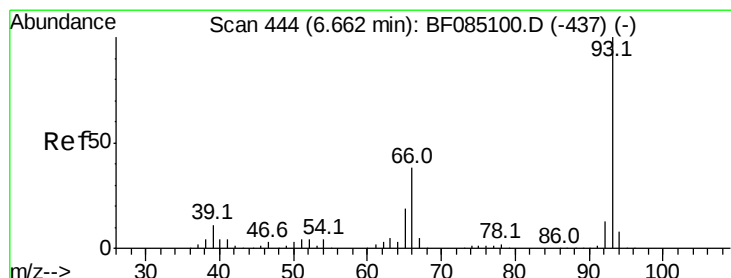
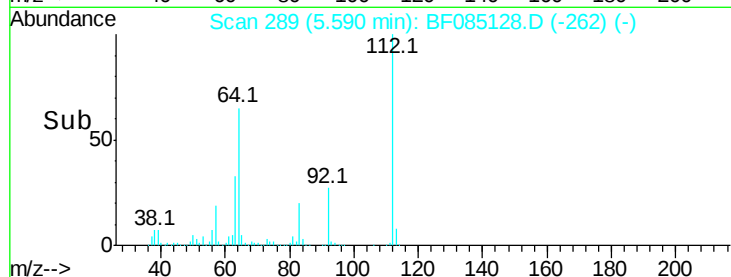
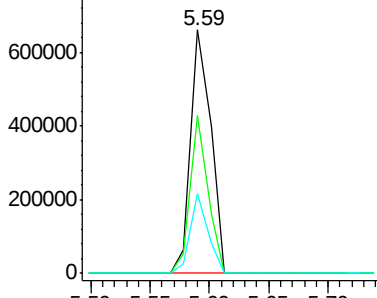
63 32.8 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.07 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

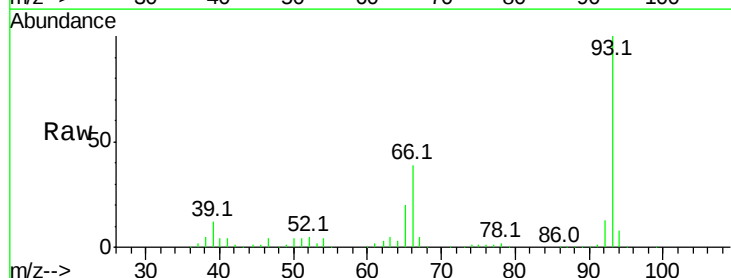
Tgt Ion: 93 Resp: 699423

Ion Ratio Lower Upper

93 100

66 39.4 30.1 45.1

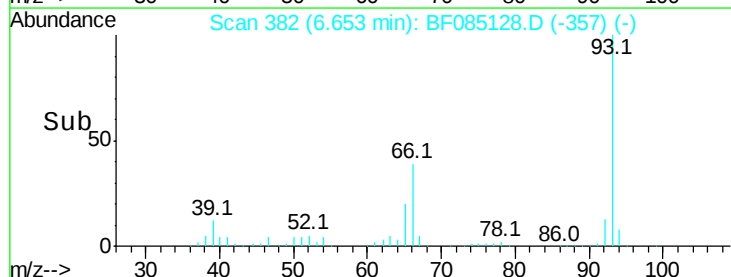
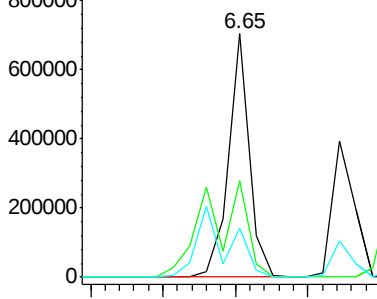
65 20.0 15.0 22.6

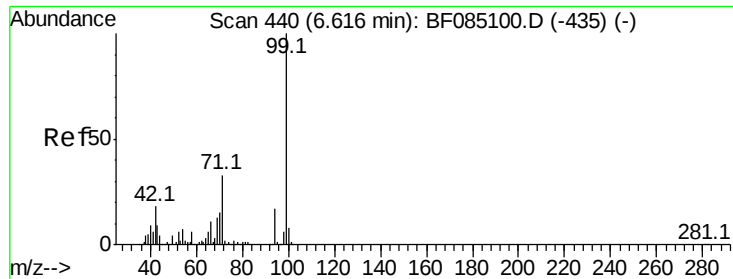


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.97 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

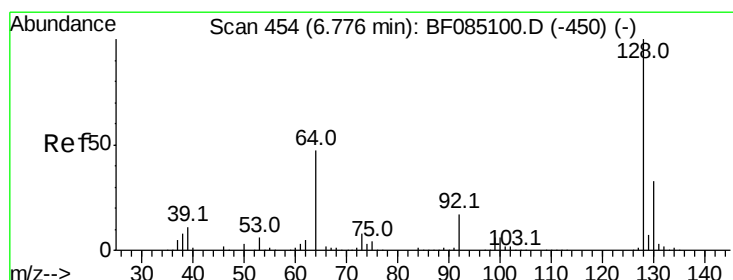
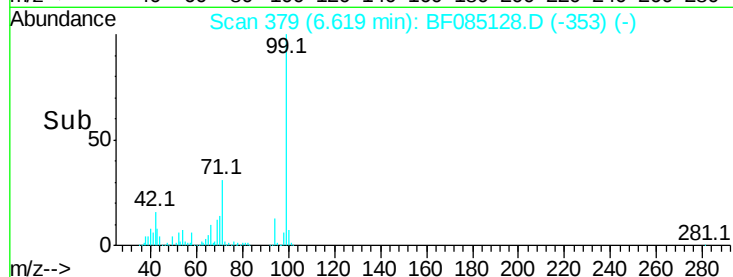
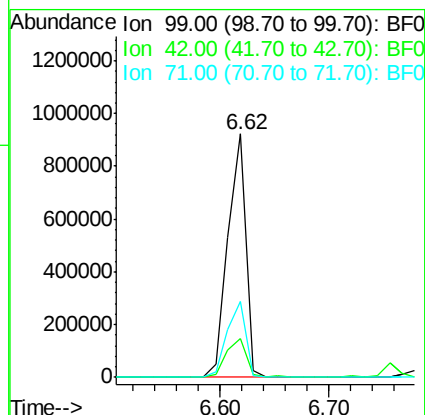
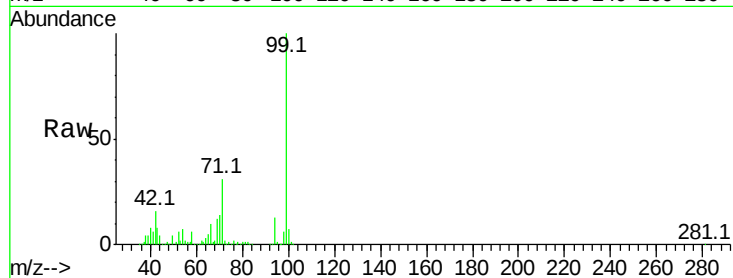
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1049926

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.1	21.1
71	31.3	26.8	40.2



#8

2-Chlorophenol

Concen: 41.26 ng

RT: 6.78 min Scan# 393

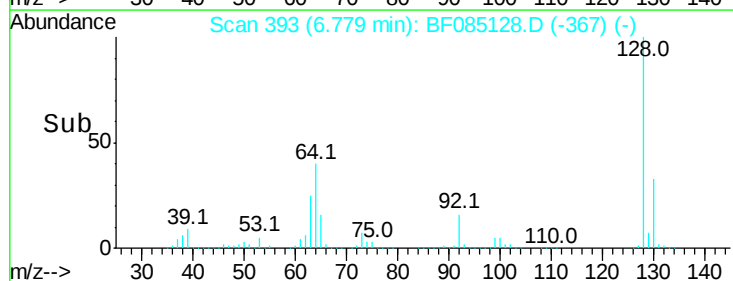
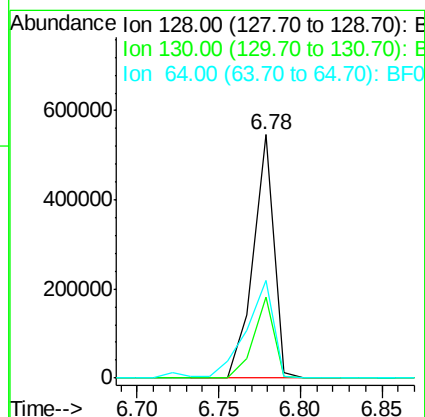
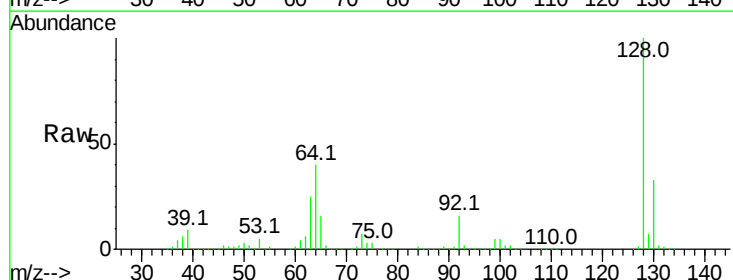
Delta R.T. 0.00 min

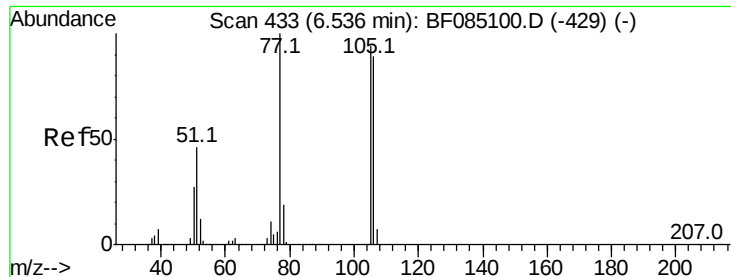
Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion: 128 Resp: 482300

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.1	53.1
64	40.3	29.6	69.6





#9

Benzaldehyde

Concen: 38.90 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

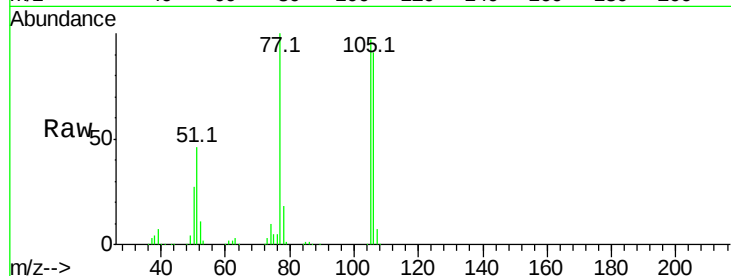
Tot Ion: 77 Resp: 253894

Ion Ratio Lower Upper

77 100

105 96.7 73.7 113.7

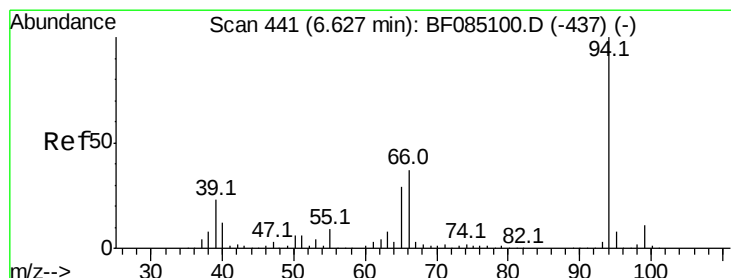
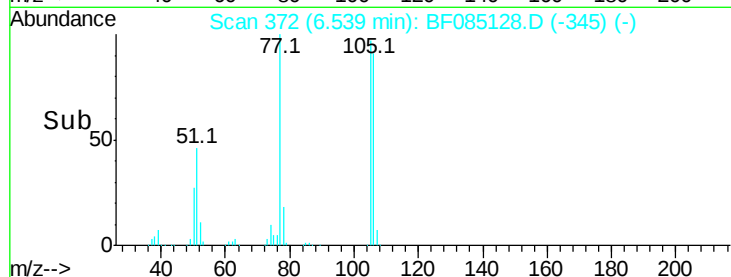
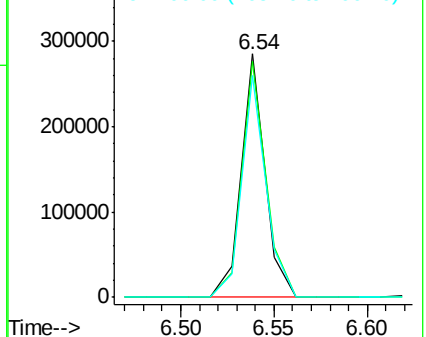
106 91.3 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.57 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

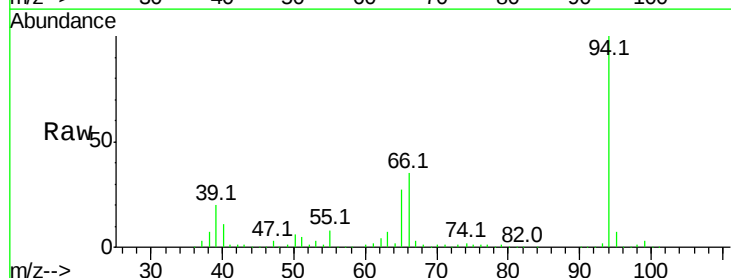
Tgt Ion: 94 Resp: 662955

Ion Ratio Lower Upper

94 100

65 27.1 9.1 49.1

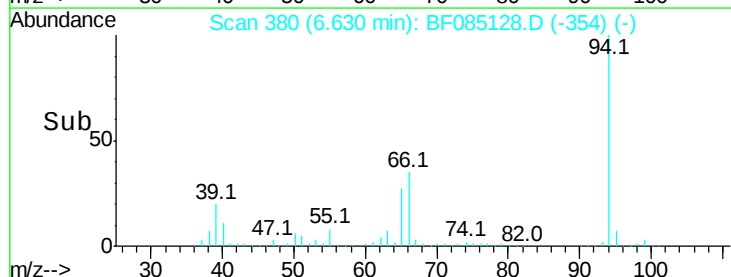
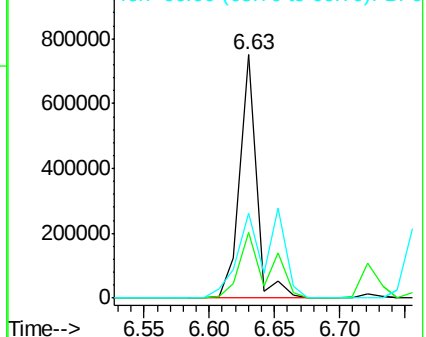
66 34.6 17.5 57.5

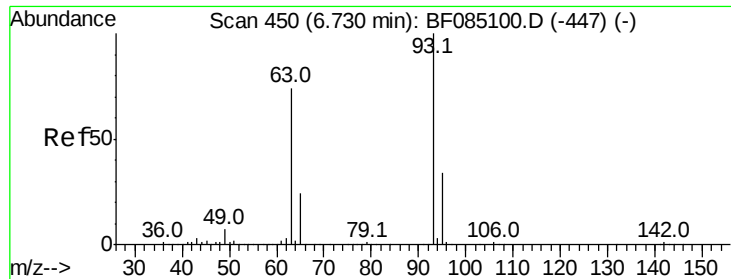


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

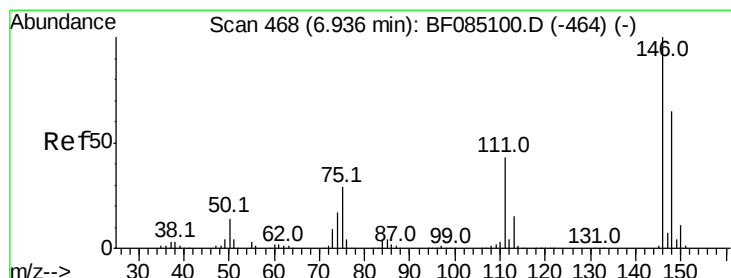
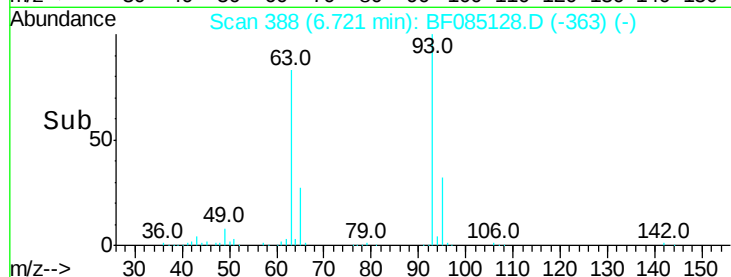
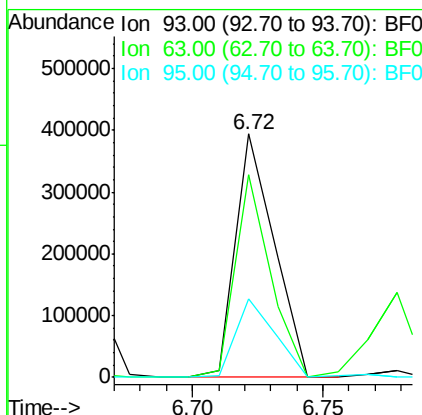
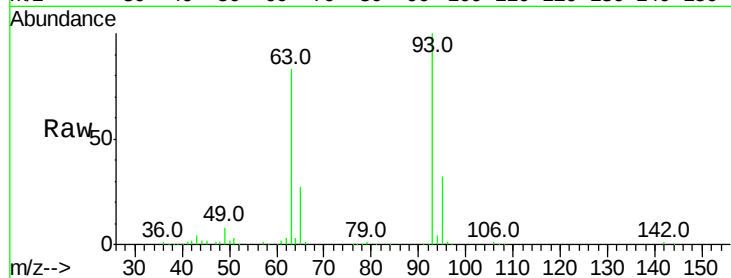




#11
 bis(2-Chloroethyl)ether
 Concen: 34.70 ng
 RT: 6.72 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

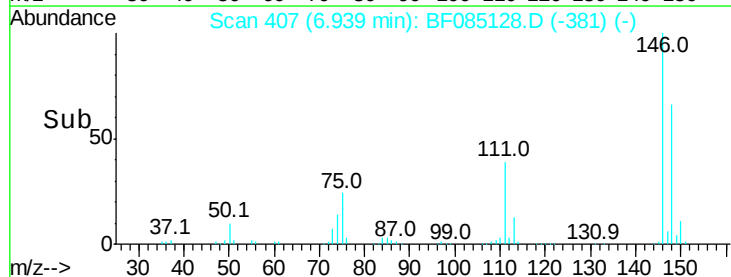
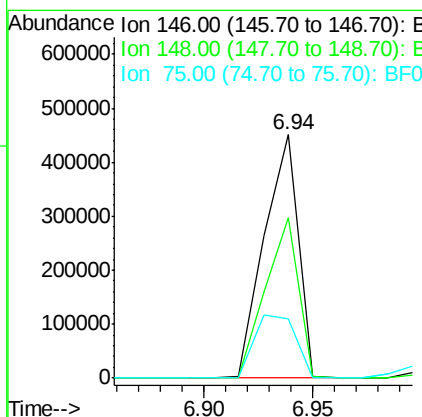
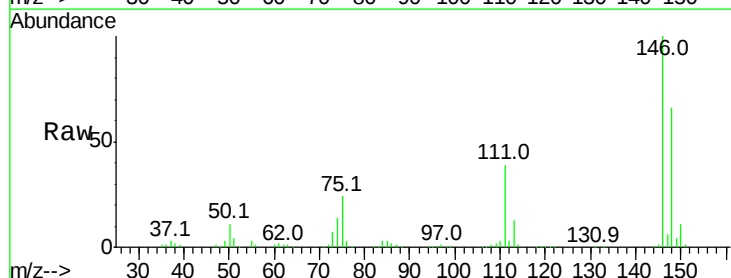
Instrument :
 BNA_F
 ClientSampled :

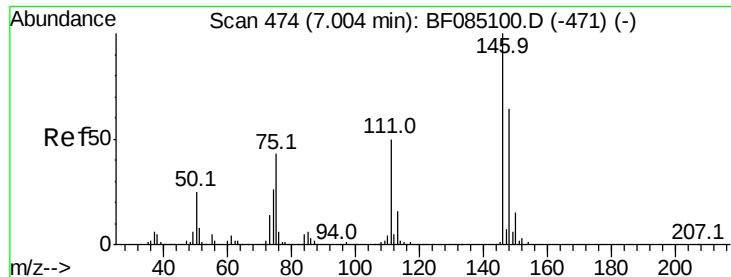
Tot Ion: 93 Resp: 409137
 Ion Ratio Lower Upper
 93 100
 63 83.2 53.9 93.9
 95 32.1 13.8 53.8



#12
 1,3-Dichlorobenzene
 Concen: 39.36 ng
 RT: 6.94 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:146 Resp: 494206
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 75 24.2 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 36.94 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

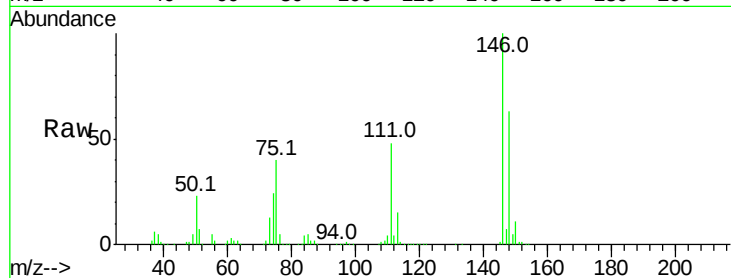
Tot Ion:146 Resp: 472773

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

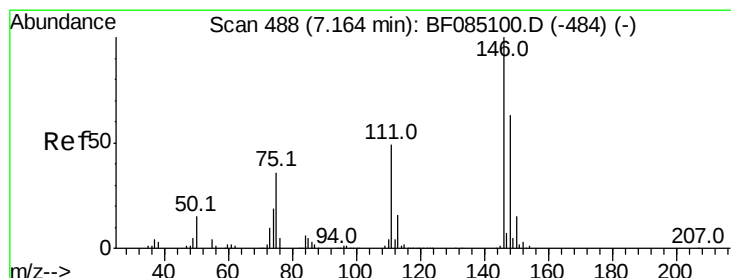
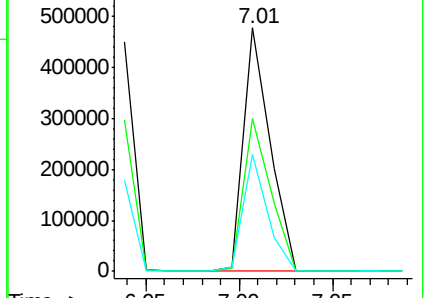
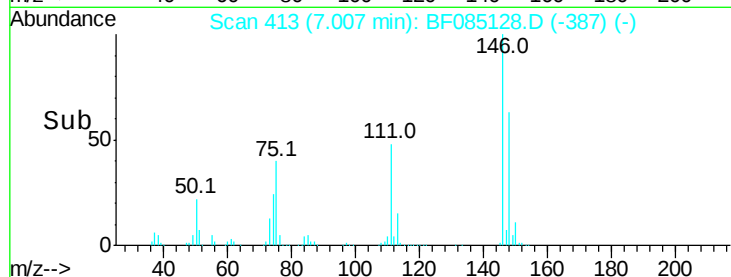
111 48.3 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.97 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

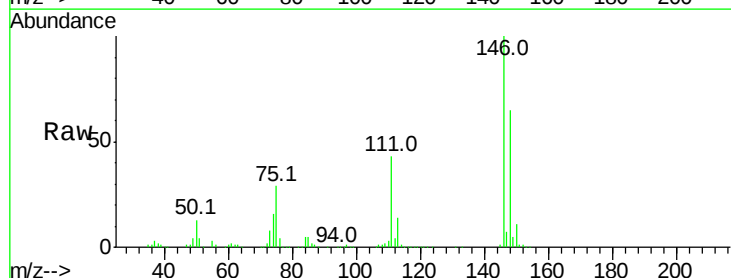
Tgt Ion:146 Resp: 495402

Ion Ratio Lower Upper

146 100

148 64.5 50.5 75.7

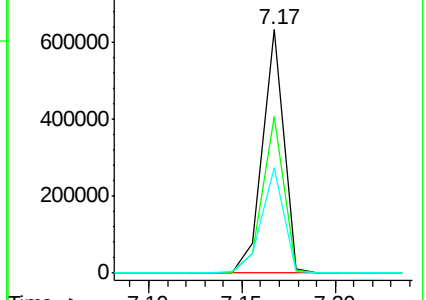
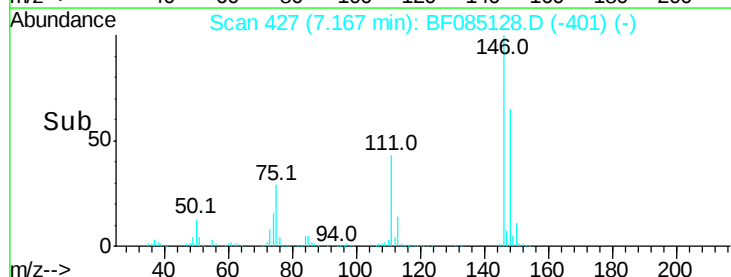
111 43.4 38.9 58.3

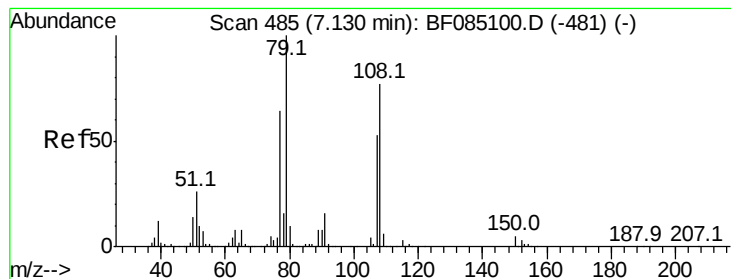


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.13 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

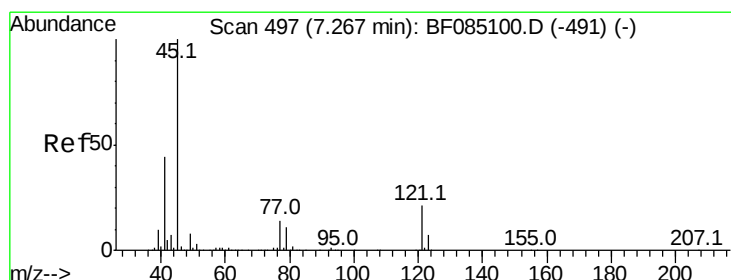
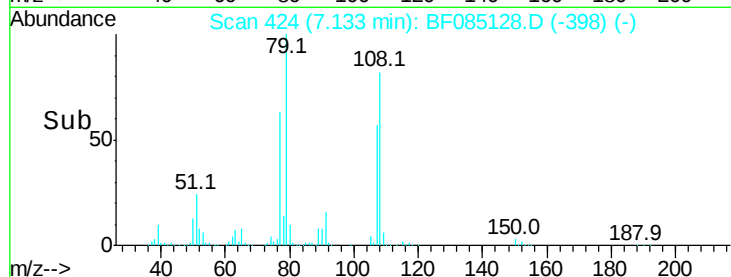
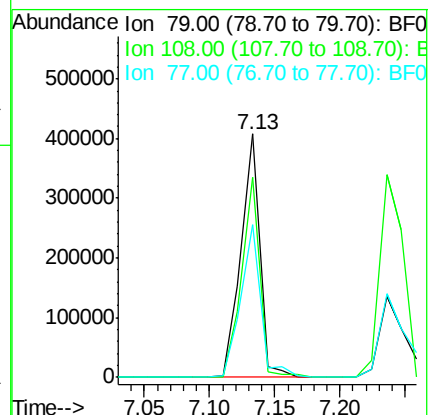
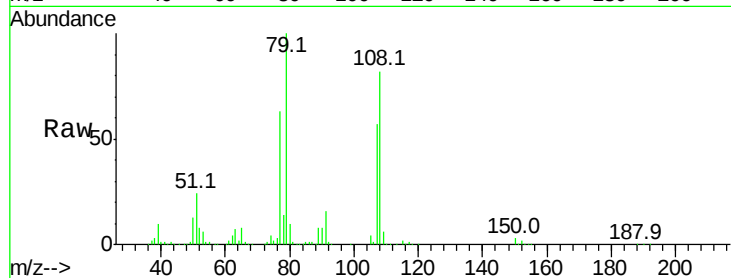
Tot Ion: 79 Resp: 408270

Ion Ratio Lower Upper

79 100

108 82.4 61.8 92.6

77 62.8 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.99 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

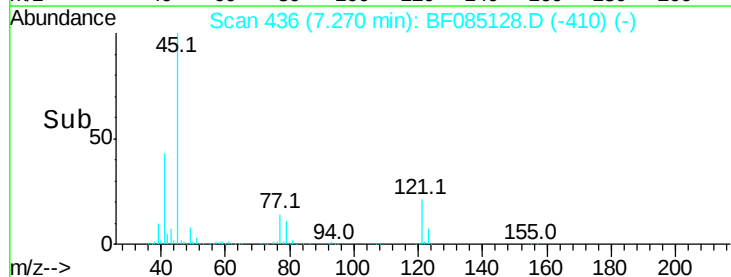
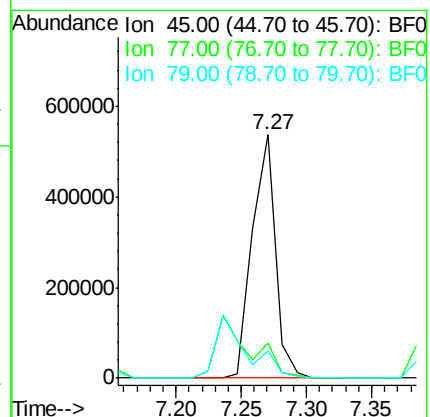
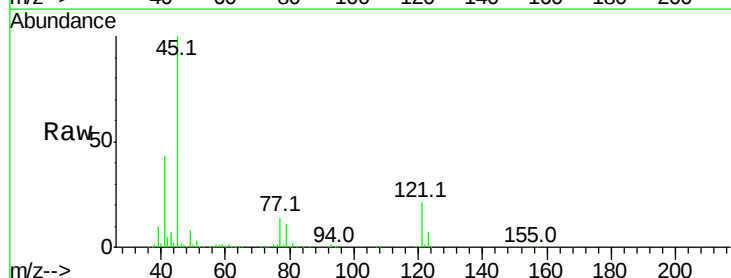
Tgt Ion: 45 Resp: 660093

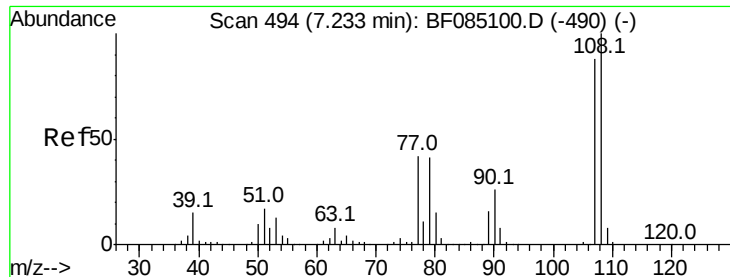
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.4

79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 37.75 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 369686

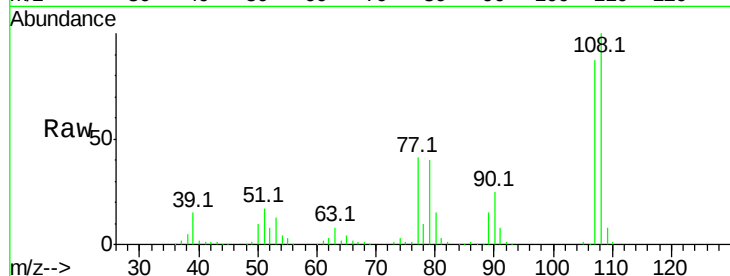
Ion Ratio Lower Upper

107 100

108 115.1 91.4 137.2

77 47.7 38.7 58.1

79 46.4 37.8 56.6

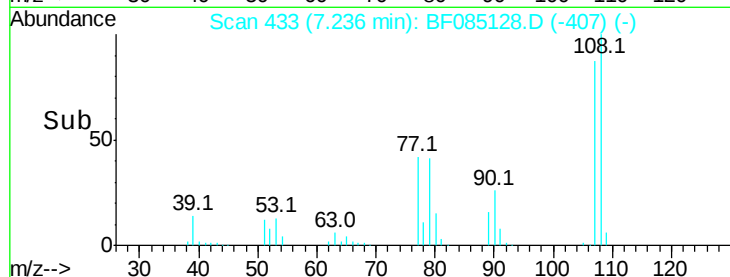


Abundance Ion 107.00 (106.70 to 107.70): E

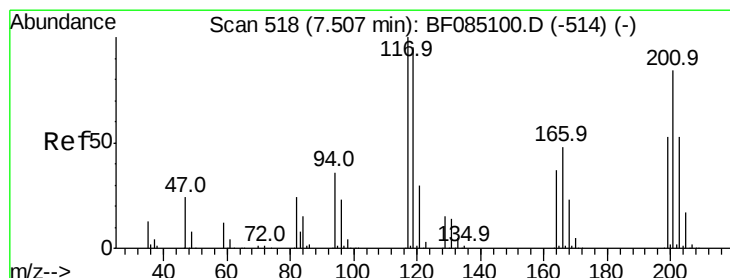
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.29 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

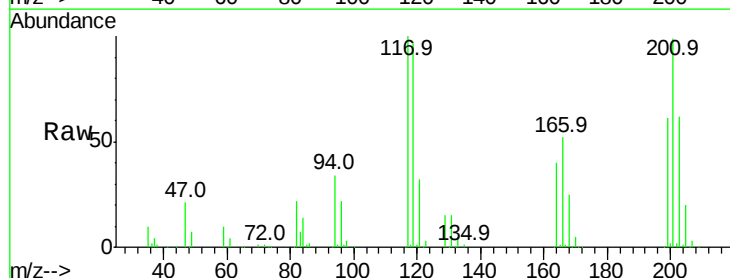
Tgt Ion:117 Resp: 185859

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.4

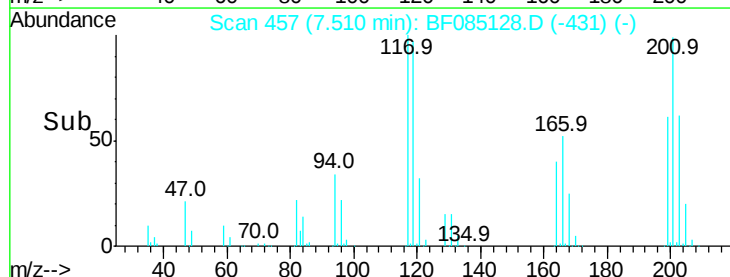
201 98.7 66.8 100.2



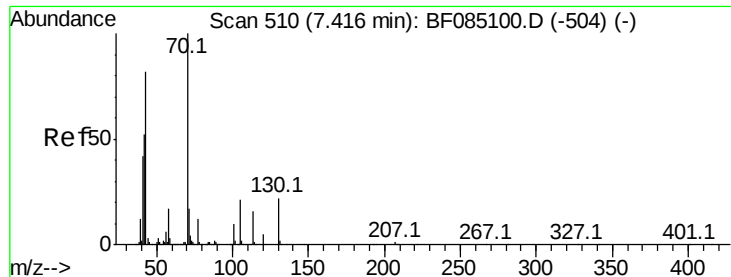
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



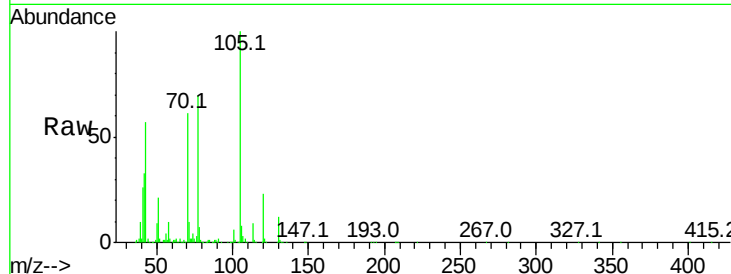
Time-->



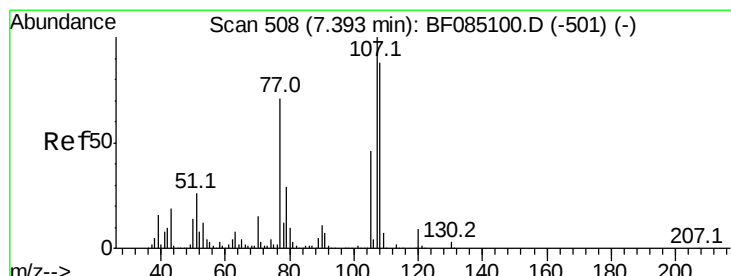
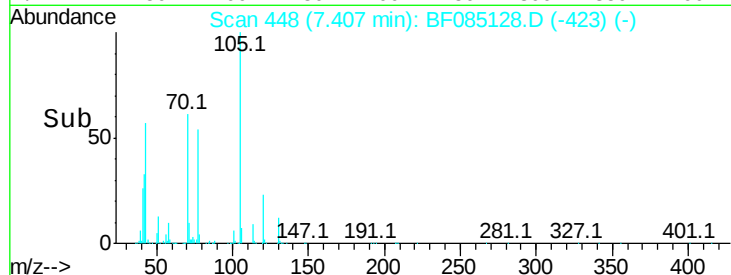
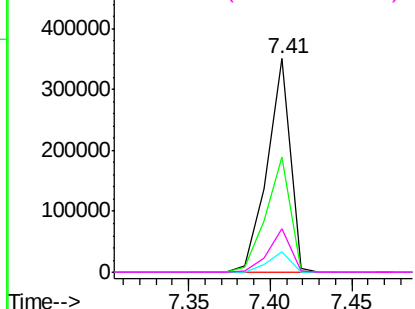
#19
n-Nitroso-di-n-propylamine
Concen: 39.67 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 347526
Ion Ratio Lower Upper
70 100
42 53.8 41.9 62.9
101 9.5 7.8 11.8
130 20.1 17.2 25.8

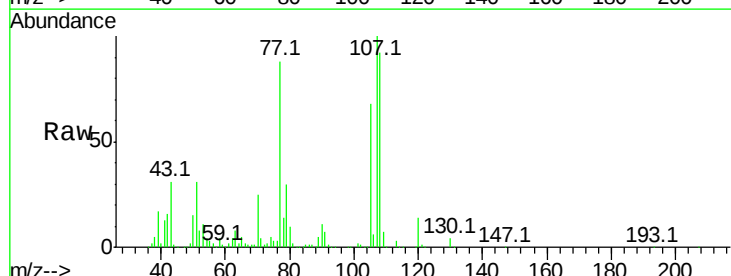


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

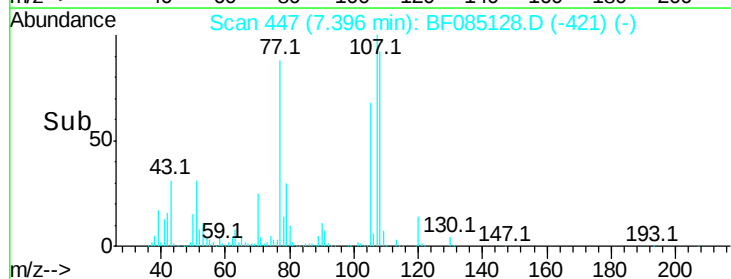
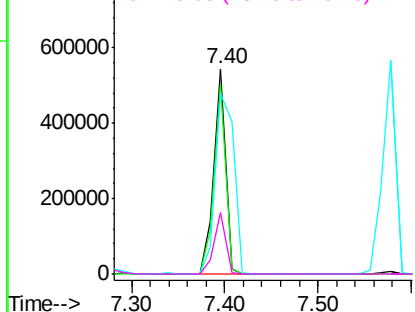


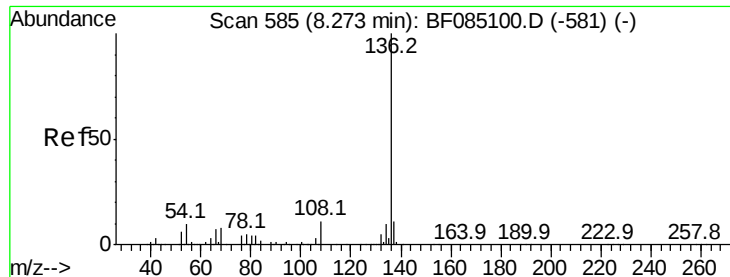
#20
3+4-Methylphenols
Concen: 41.15 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:107 Resp: 481651
Ion Ratio Lower Upper
107 100
108 92.3 67.8 107.8
77 88.4 50.6 90.6
79 30.1 9.1 49.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

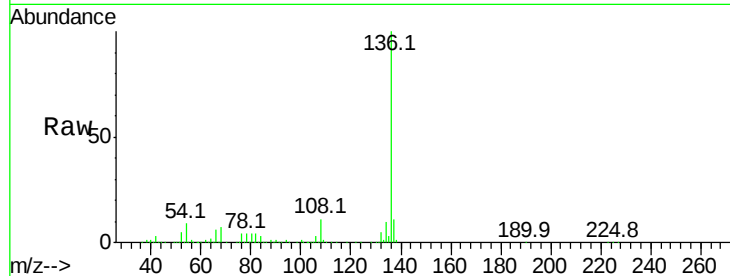




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 629018
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 9.1	8.5 12.7
68 7.4	6.4 9.6



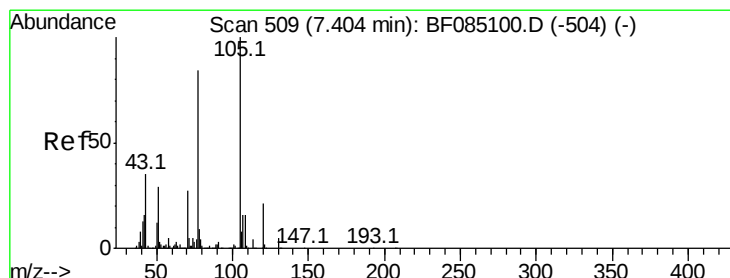
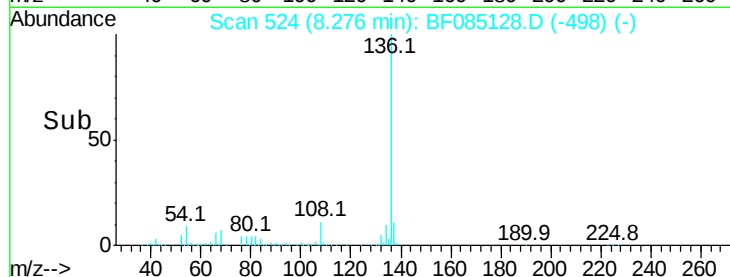
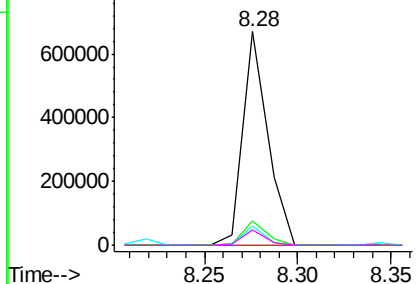
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

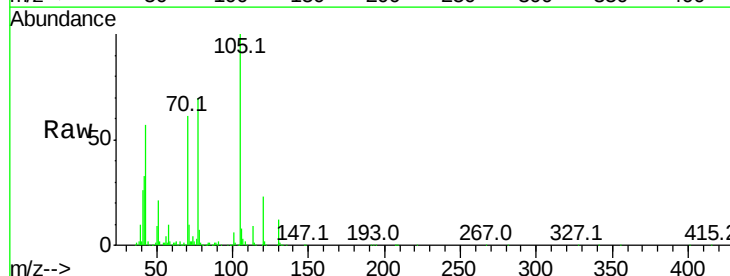
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.31 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt	Ion:105	Resp:	669408
Ion	Ratio	Lower	Upper
105	100		
71	10.1	3.8	5.6#
51	20.8	22.9	34.3#
120	22.8	16.9	25.3



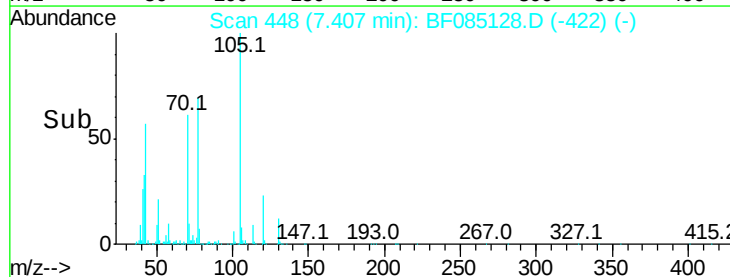
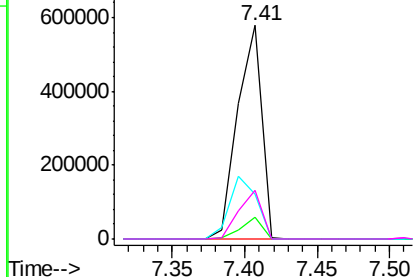
Abundance

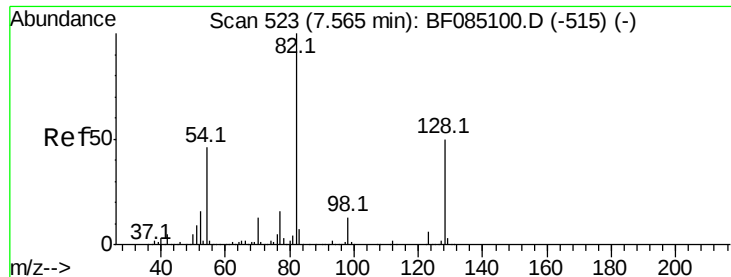
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

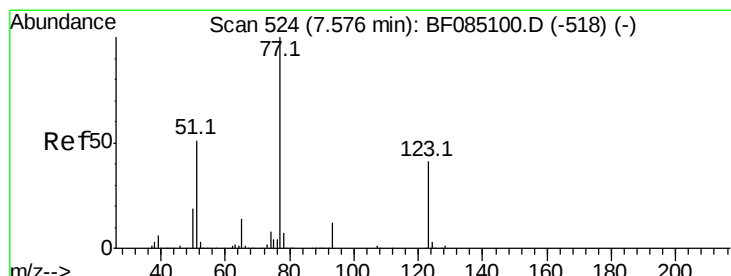
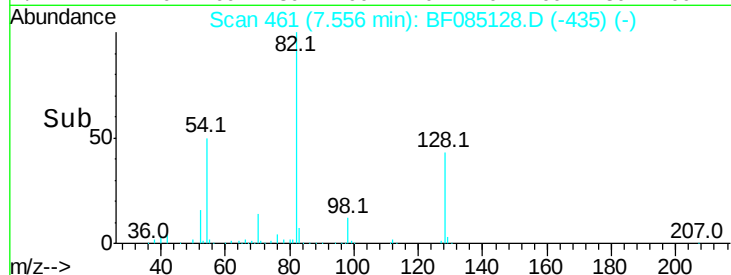
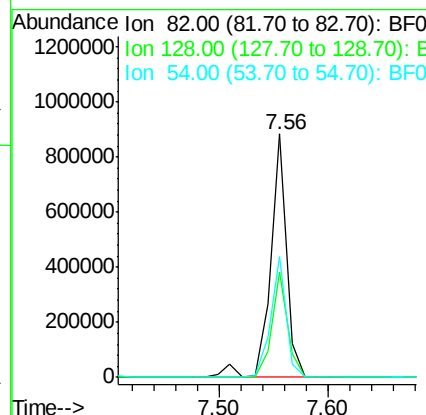
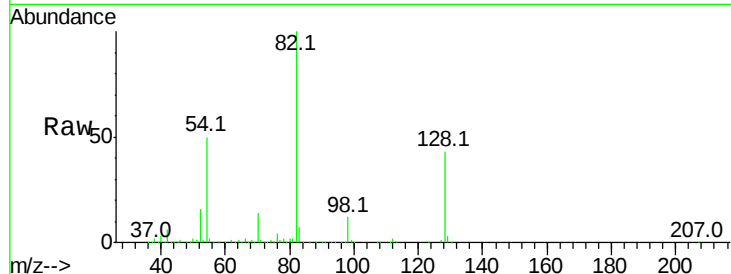




#23
 Nitrobenzene-d5
 Concen: 77.88 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

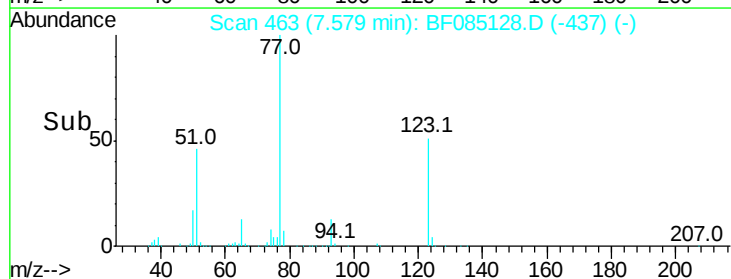
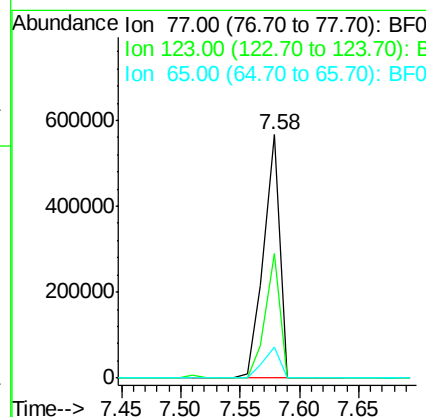
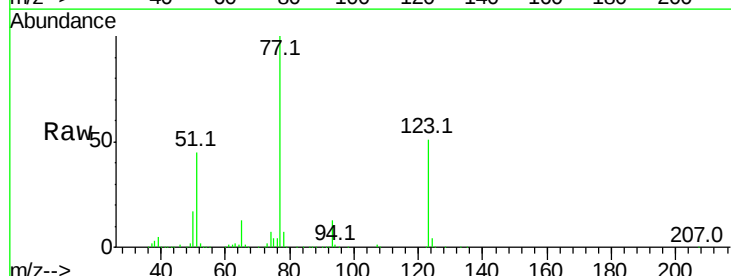
Instrument :
 BNA_F
 ClientSampled :

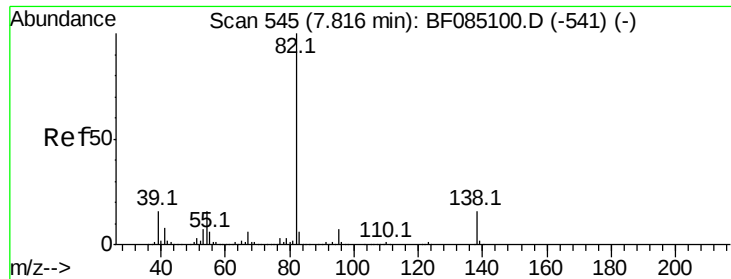
Tot Ion	82	Resp	920815
Ion Ratio	Lower	Upper	
82	100		
128	43.4	39.8	59.6
54	49.7	36.6	54.8



#24
 Nitrobenzene
 Concen: 44.52 ng
 RT: 7.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	77	Resp	546010
Ion Ratio	Lower	Upper	
77	100		
123	51.3	33.4	50.2#
65	12.9	10.9	16.3





#25

Isophorone

Concen: 40.91 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

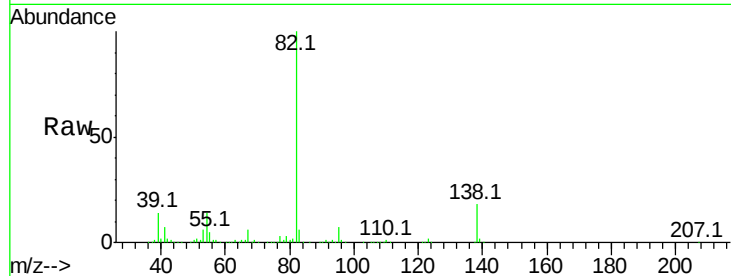
Tot Ion: 82 Resp: 925225

Ion Ratio Lower Upper

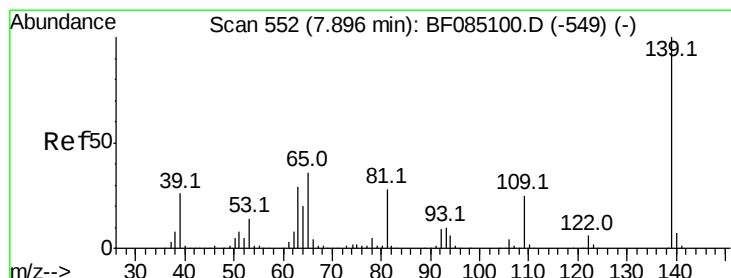
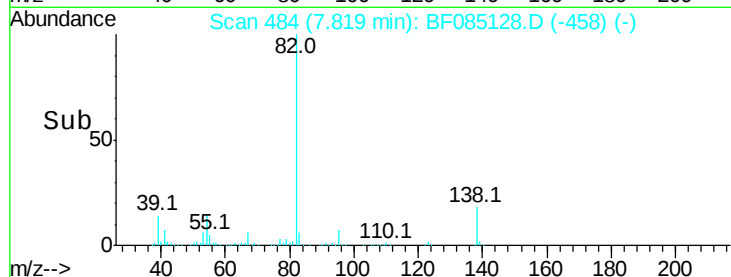
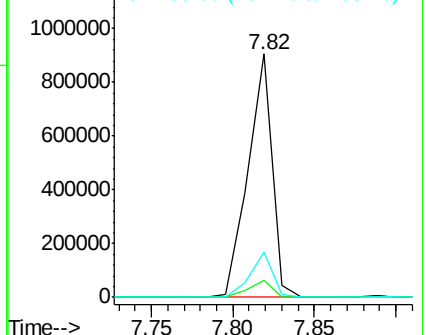
82 100

95 6.9 5.6 8.4

138 18.4 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.63 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

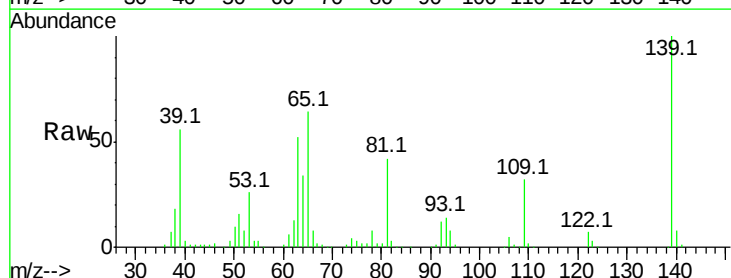
Tgt Ion:139 Resp: 217358

Ion Ratio Lower Upper

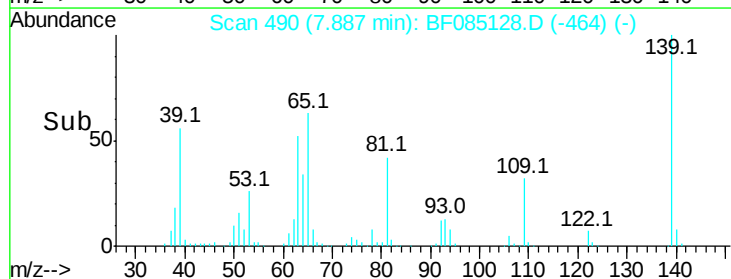
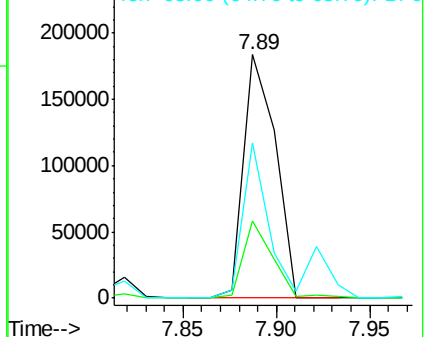
139 100

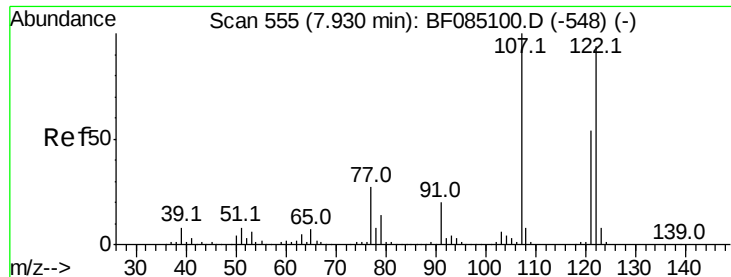
109 31.6 20.4 30.6#

65 63.7 29.2 43.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.35 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

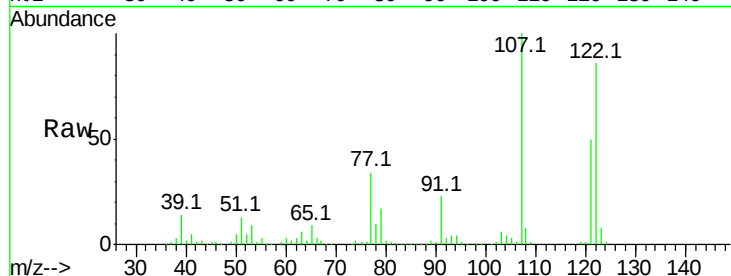
Tot Ion:122 Resp: 407610

Ion Ratio Lower Upper

122 100

107 115.9 85.0 127.4

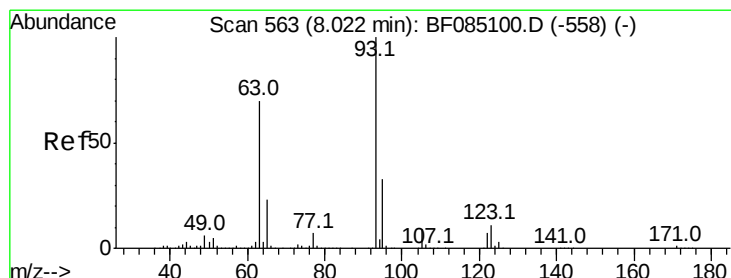
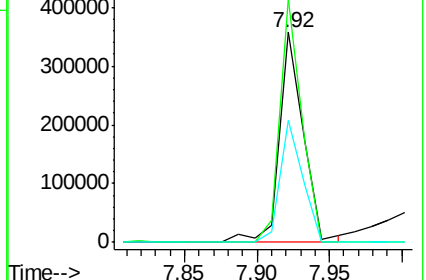
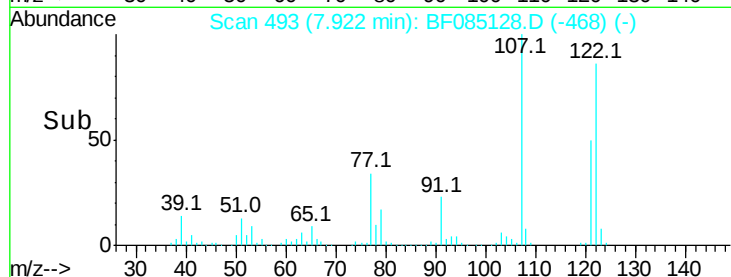
121 58.4 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.23 ng

RT: 8.02 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

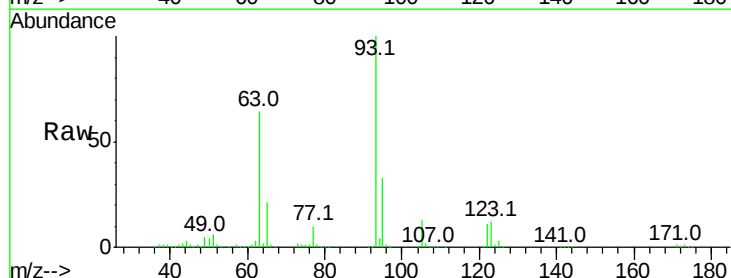
Tgt Ion: 93 Resp: 564162

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

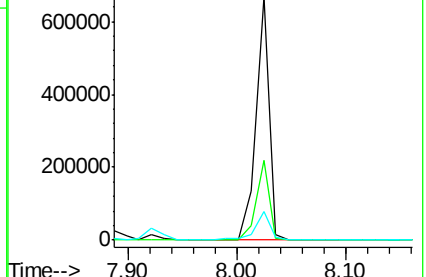
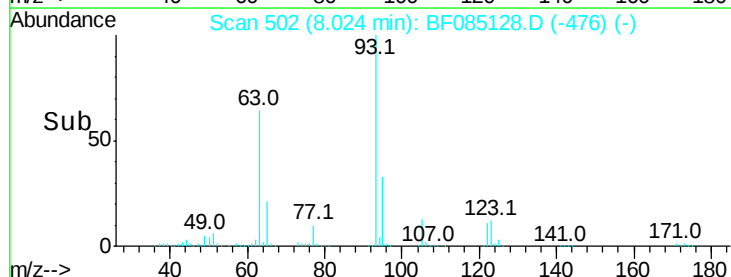
123 11.6 8.8 13.2

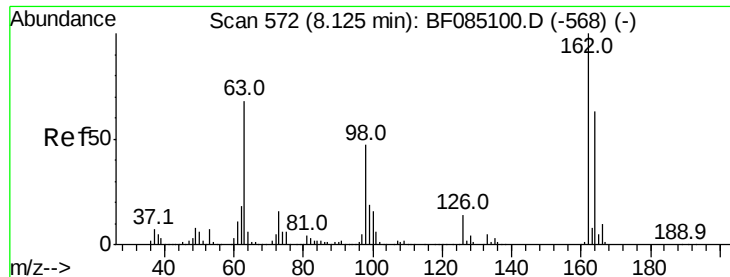


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

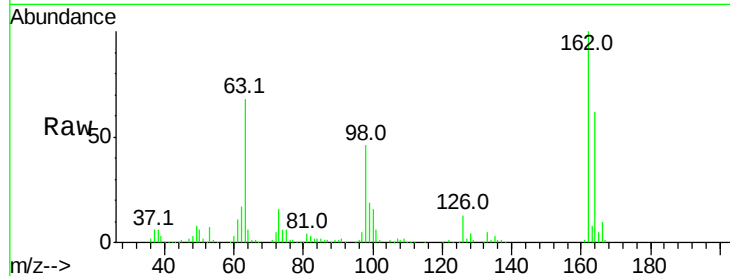




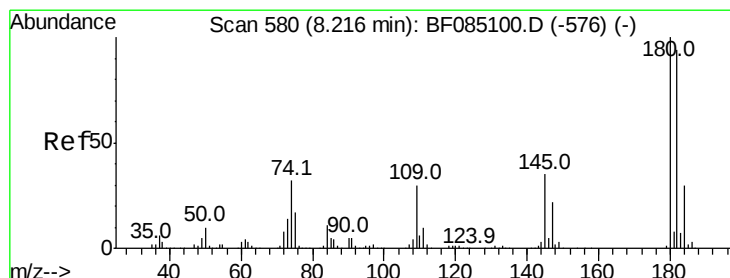
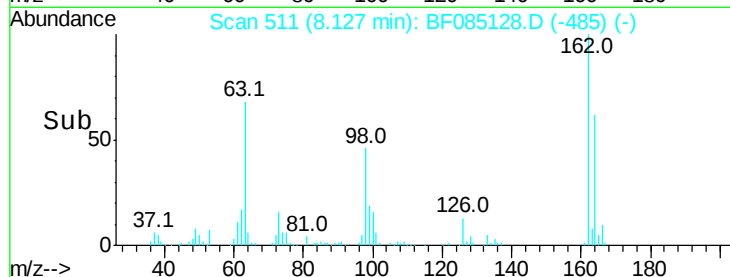
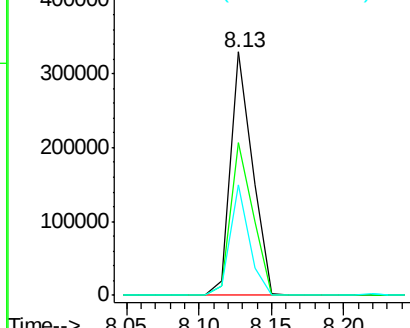
#29
2,4-Dichlorophenol
Concen: 39.30 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 343672
Ion Ratio Lower Upper
162 100
164 62.5 42.9 82.9
98 45.6 26.9 66.9

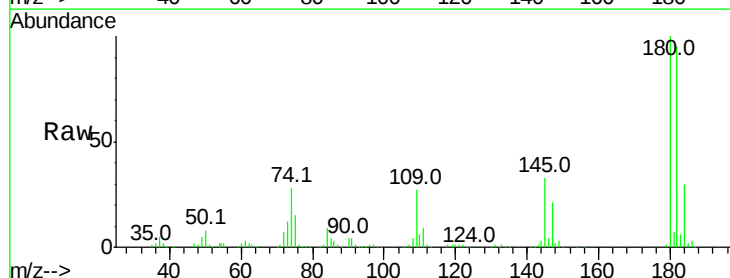


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

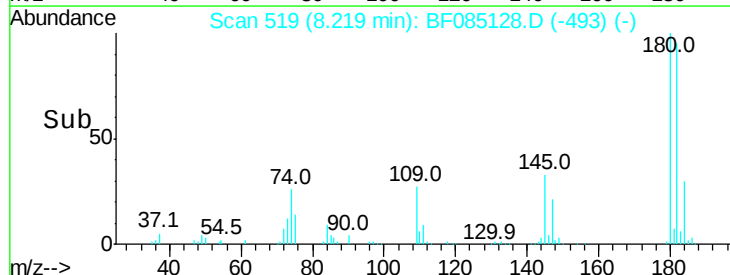
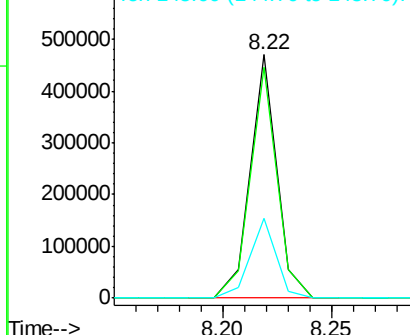


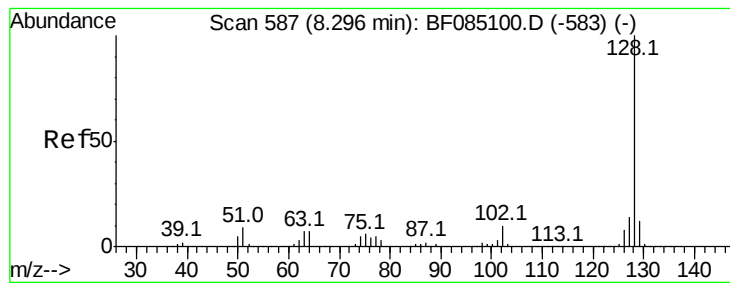
#30
1,2,4-Trichlorobenzene
Concen: 41.80 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:180 Resp: 398460
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.0
145 32.9 27.8 41.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.29 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

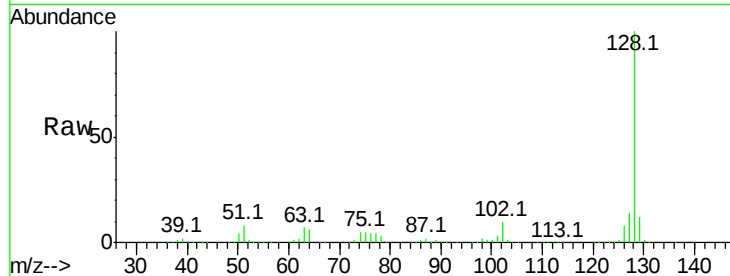
Tot Ion:128 Resp: 1218161

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

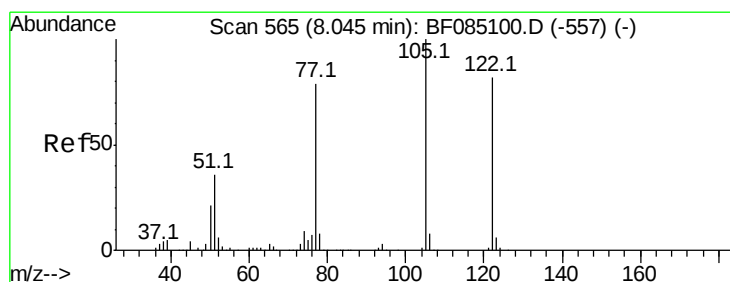
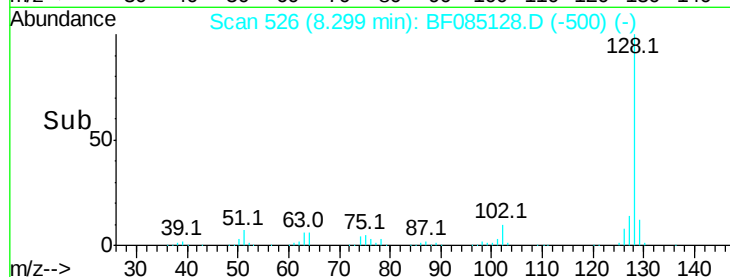
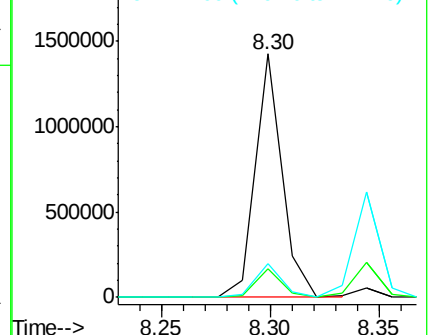
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.30 ng

RT: 8.04 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

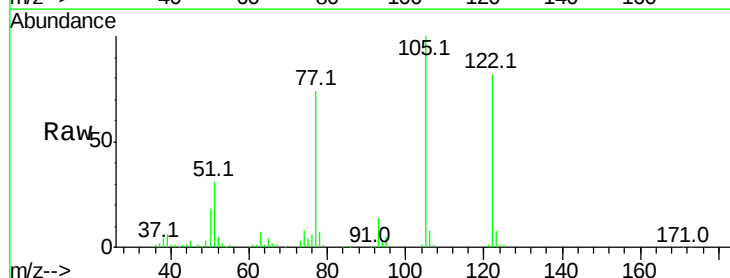
Tgt Ion:122 Resp: 298306

Ion Ratio Lower Upper

122 100

105 121.7 102.0 142.0

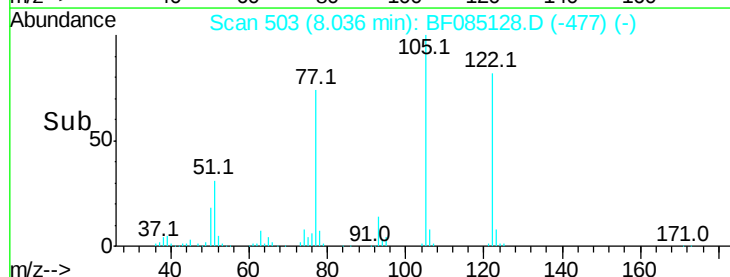
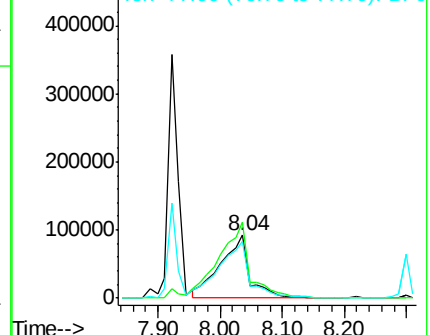
77 90.4 76.8 116.8

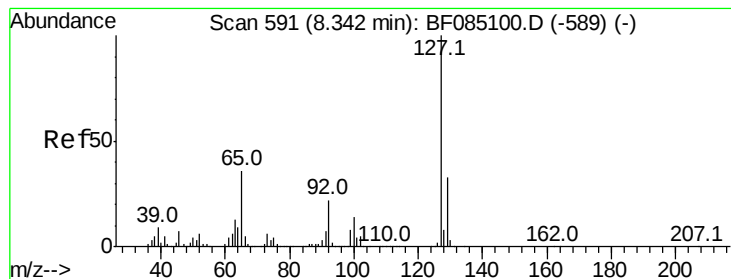


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 40.73 ng

RT: 8.34 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 512182

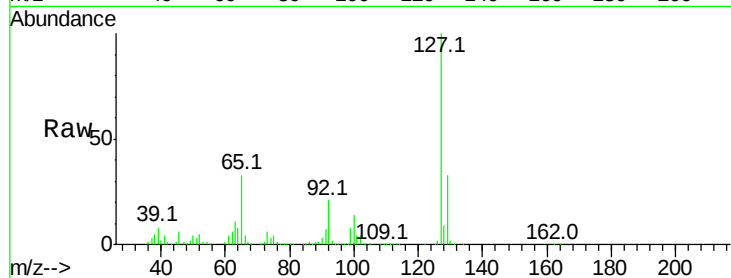
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 33.1 28.6 43.0

92 21.2 17.8 26.8

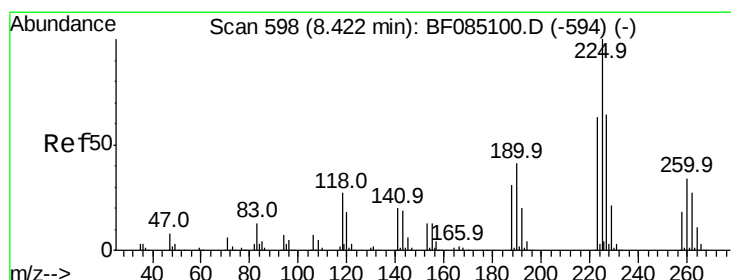
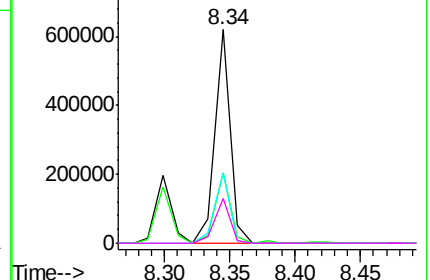
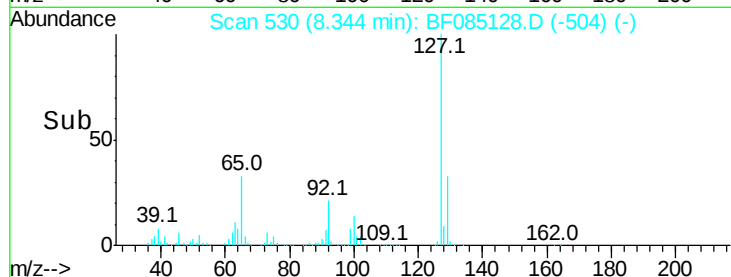


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.81 ng

RT: 8.42 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

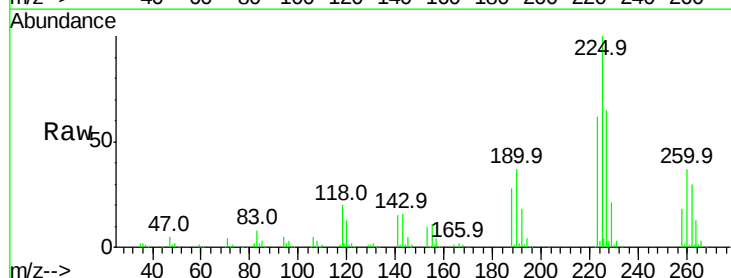
Tgt Ion:225 Resp: 236717

Ion Ratio Lower Upper

225 100

223 61.6 50.4 75.6

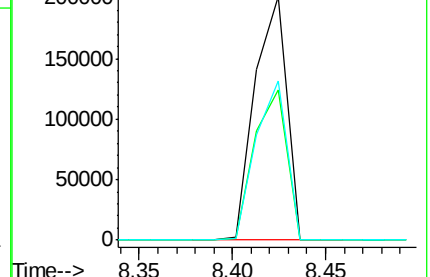
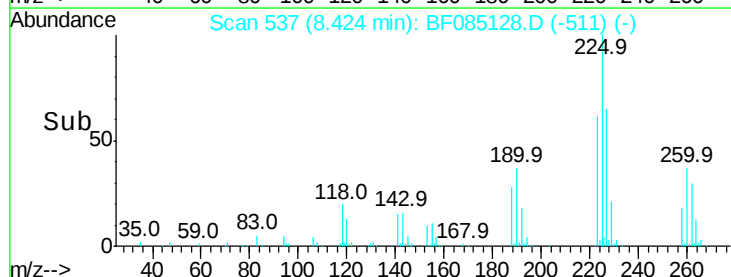
227 65.2 51.6 77.4

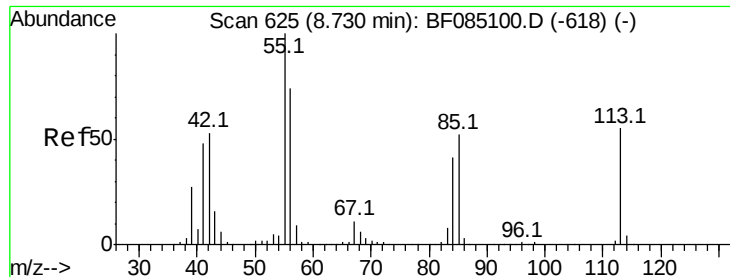


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

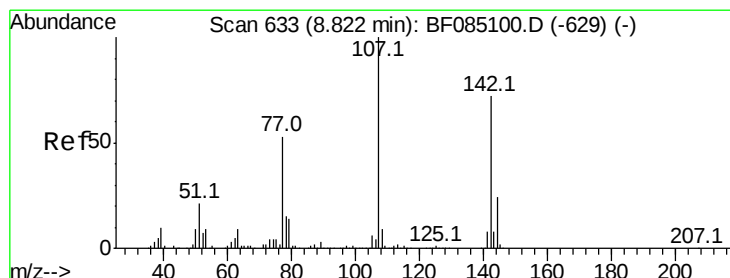
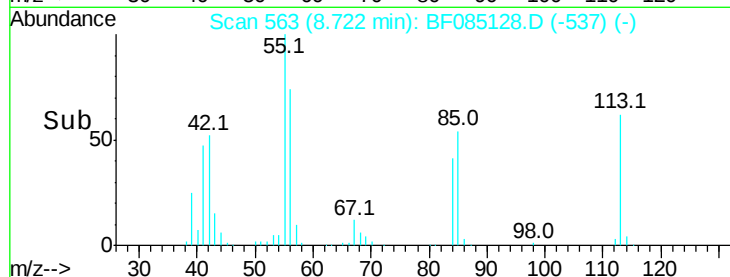
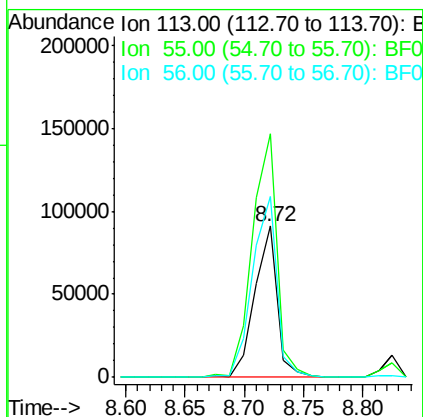
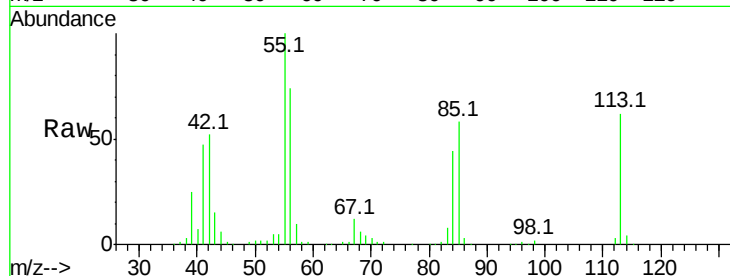




#35
 Caprolactam
 Concen: 44.07 ng
 RT: 8.72 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

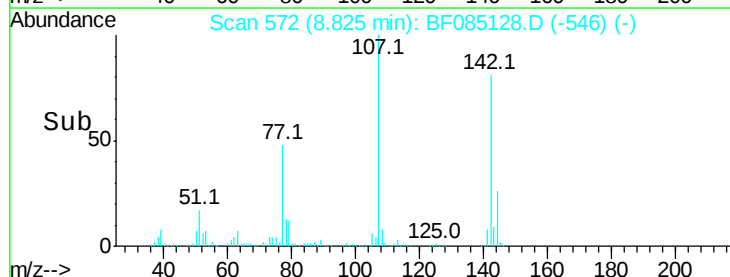
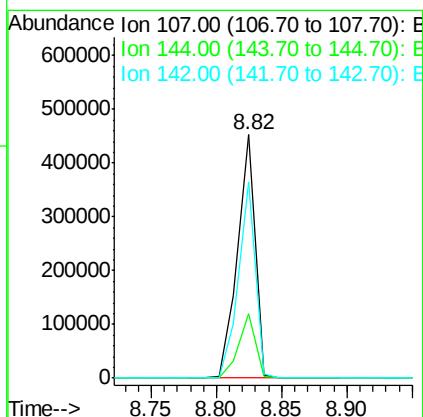
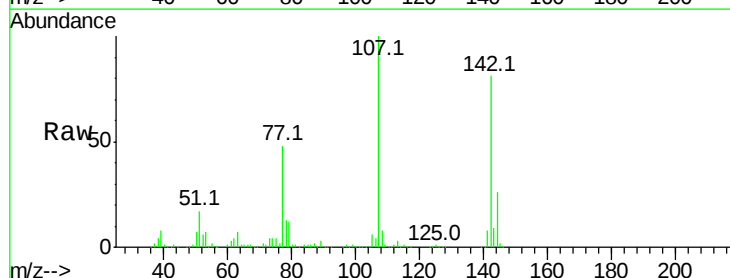
Instrument :
 BNA_F
 ClientSampled :

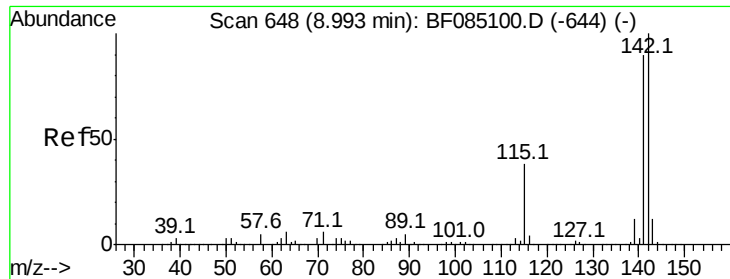
Tot Ion:113 Resp: 120959
 Ion Ratio Lower Upper
 113 100
 55 161.2 162.9 202.9#
 56 119.4 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.85 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:107 Resp: 423998
 Ion Ratio Lower Upper
 107 100
 144 26.5 18.9 28.3
 142 80.5 57.9 86.9

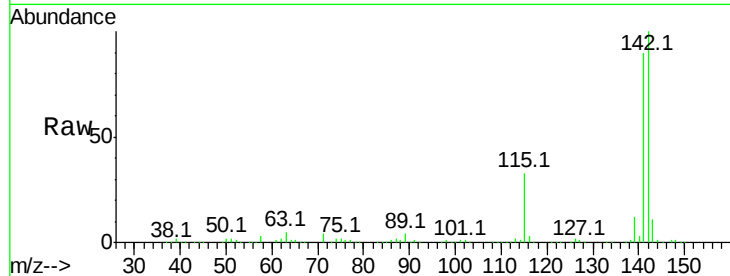




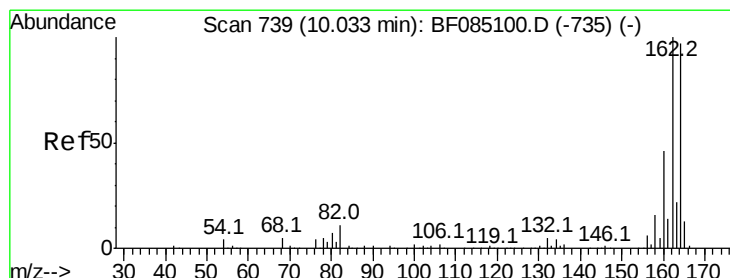
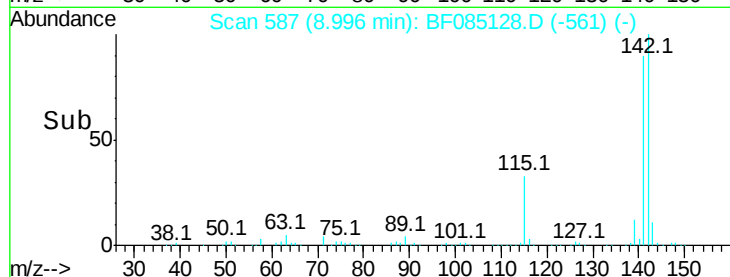
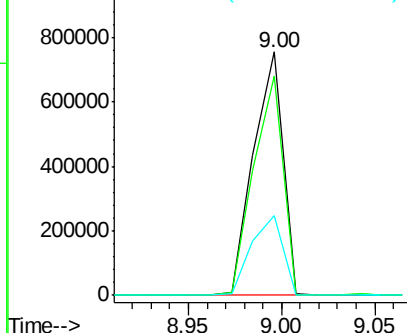
#37
2-Methylnaphthalene
Concen: 42.36 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 823609
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 32.6 30.1 45.1

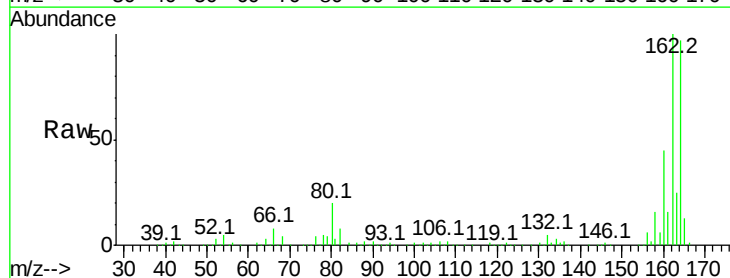


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

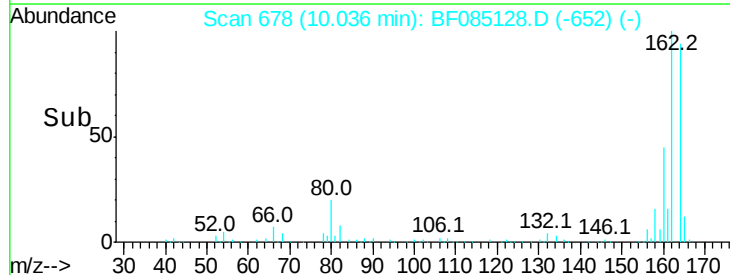
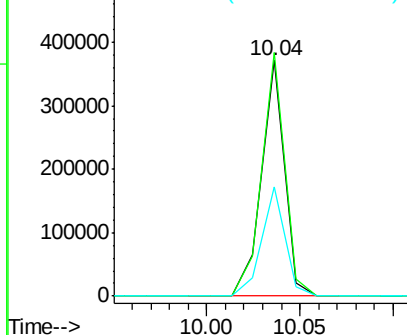


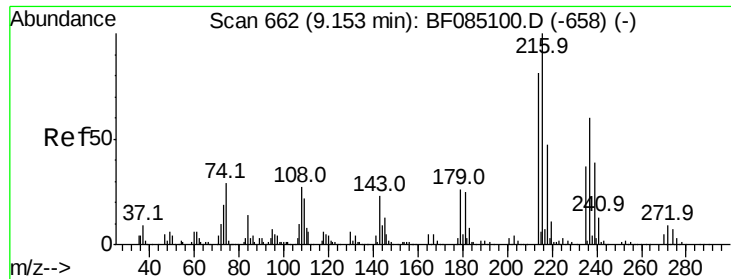
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:164 Resp: 314162
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 46.5 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

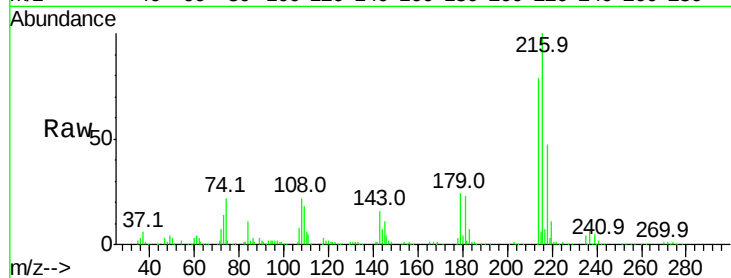




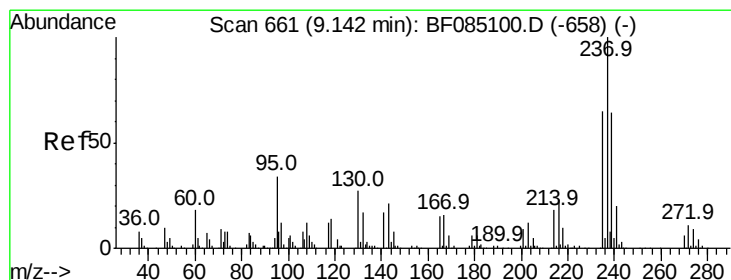
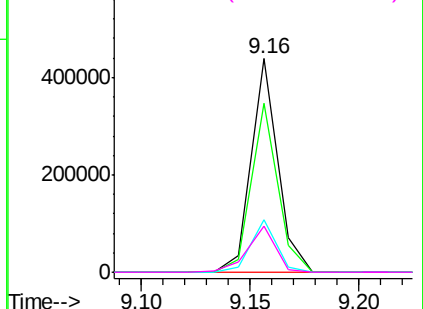
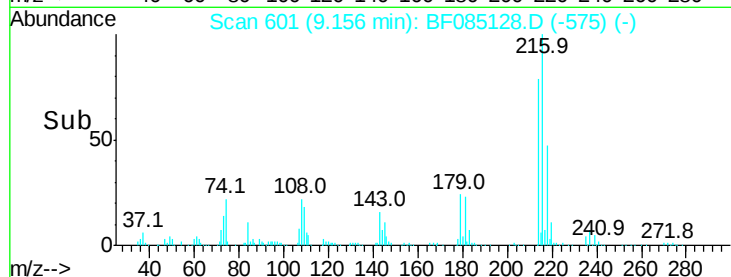
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.53 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	372734
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	23.4	18.1	27.1
108	22.6	17.1	25.7

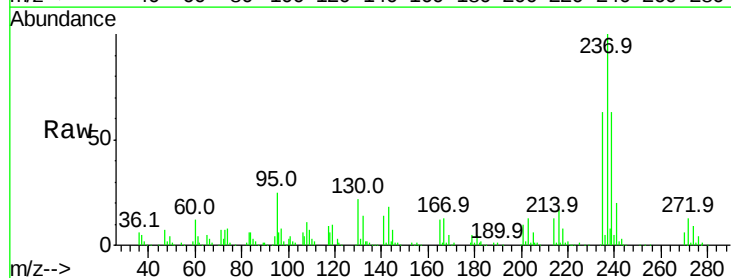


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

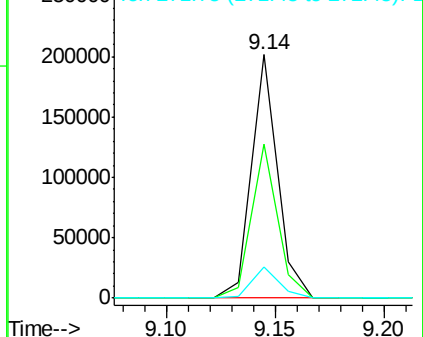
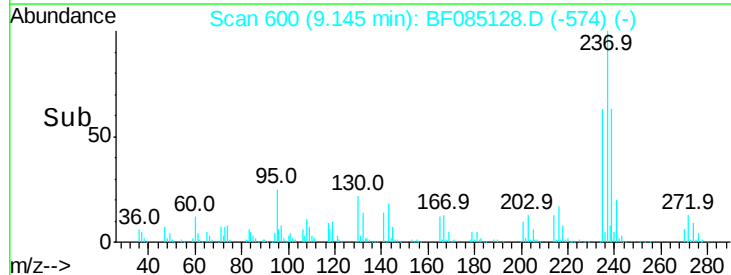


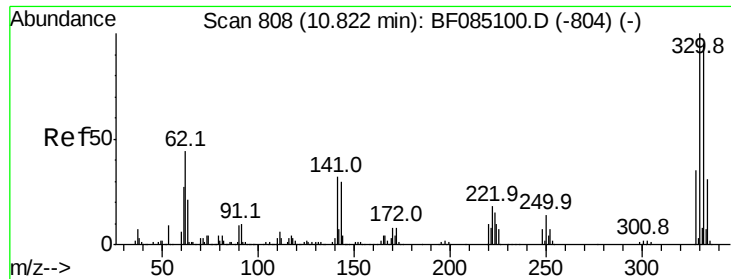
#40
 Hexachlorocyclopentadiene
 Concen: 30.56 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:	237	Resp:	168334
Ion	Ratio	Lower	Upper
237	100		
235	63.3	45.3	85.3
272	12.6	0.0	31.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

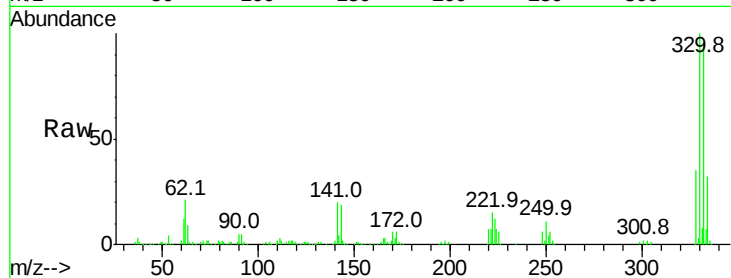




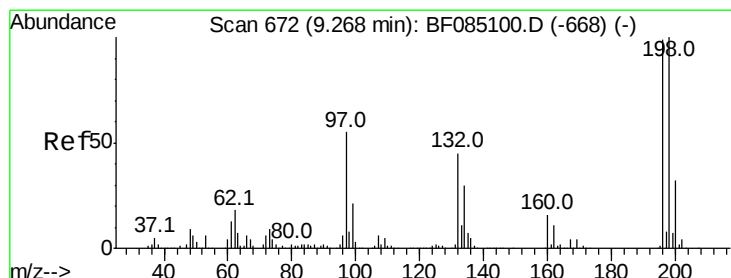
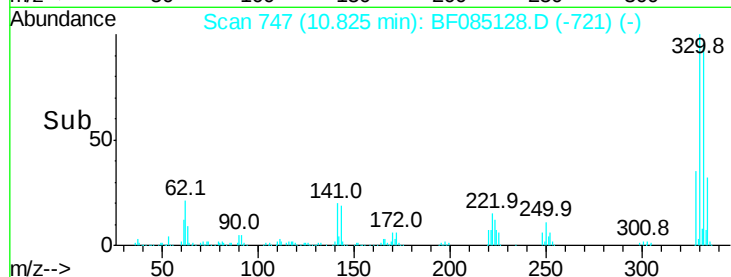
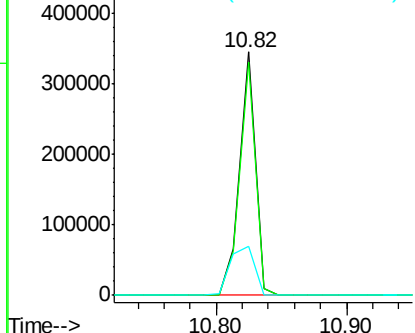
#41
 2,4,6-Tribromophenol
 Concen: 91.60 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	31.0	28.9	43.3

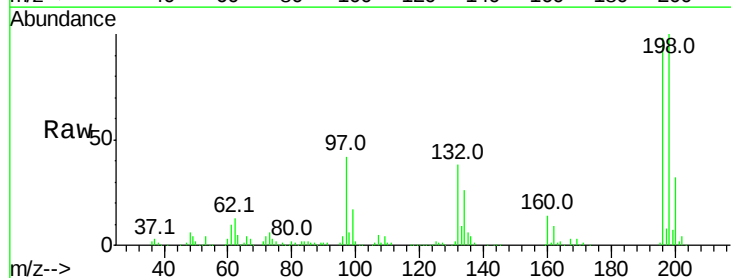


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

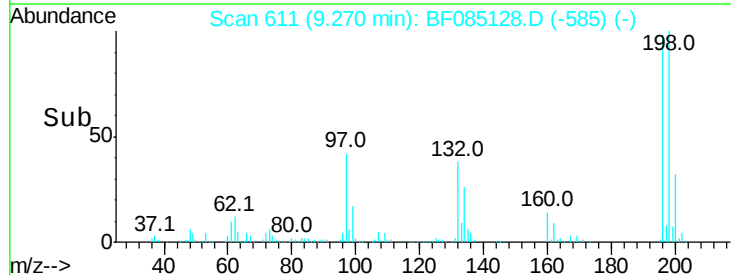
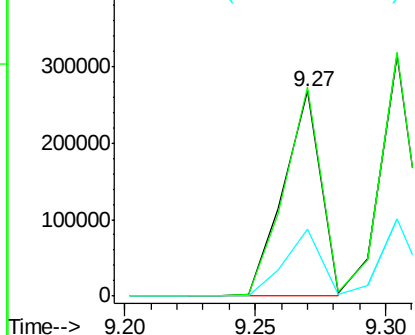


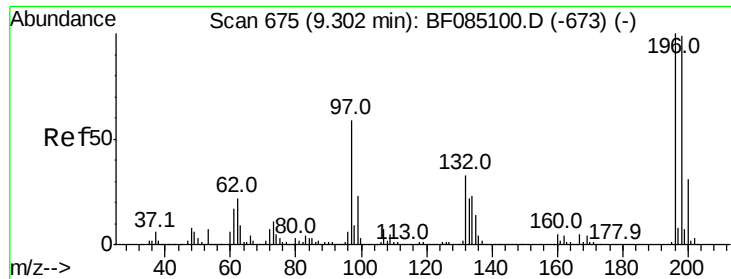
#42
 2,4,6-Trichlorophenol
 Concen: 40.81 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	80.4	120.6
200	32.6	25.8	38.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

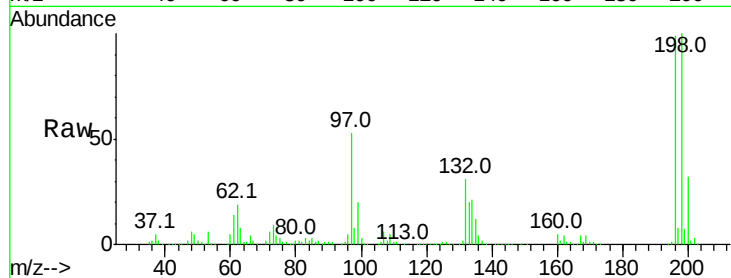




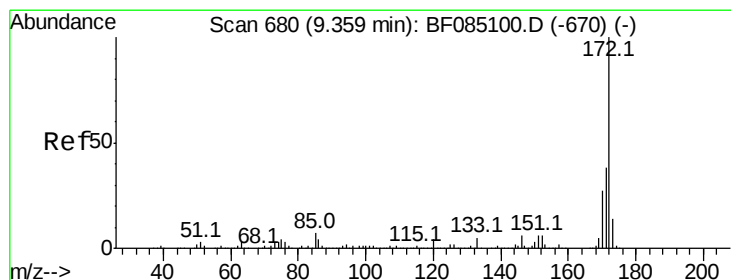
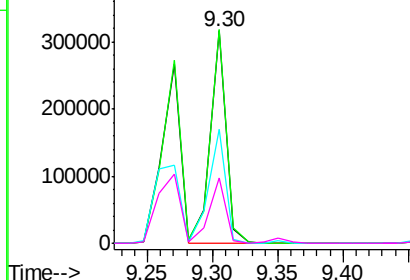
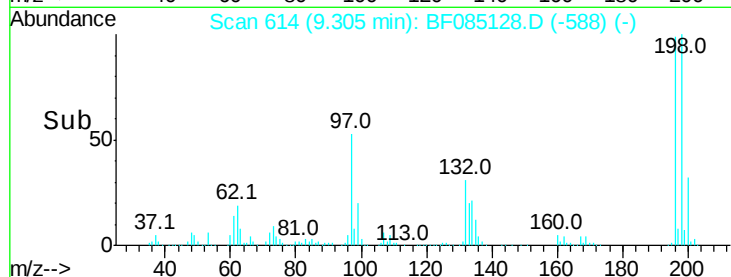
#43
 2,4,5-Trichlorophenol
 Concen: 42.76 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 266909
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.5 119.3
 97 53.6 47.3 70.9
 132 30.9 26.5 39.7

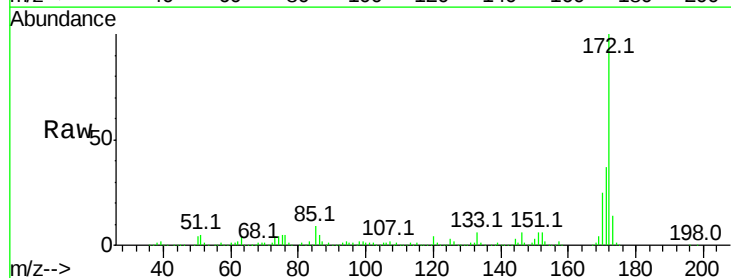


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

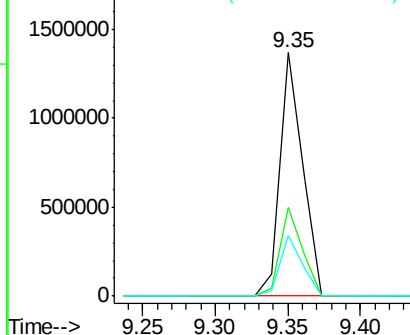
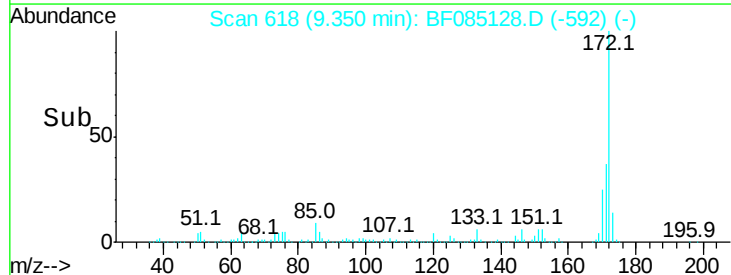


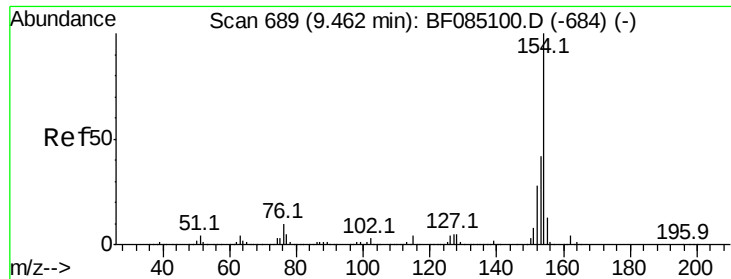
#44
 2-Fluorobiphenyl
 Concen: 69.14 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:172 Resp: 1474854
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.8 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.22 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

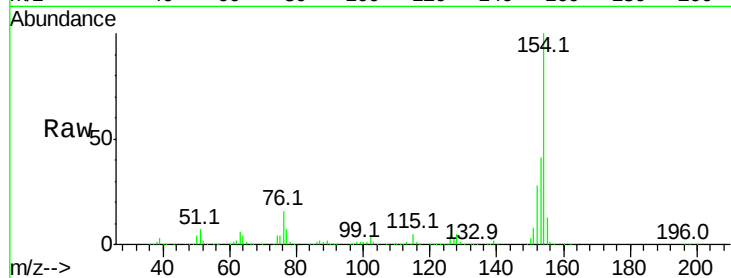
Tot Ion:154 Resp: 1009990

Ion Ratio Lower Upper

154 100

153 41.0 21.5 61.5

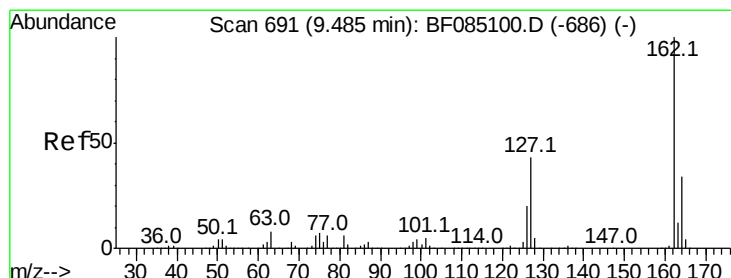
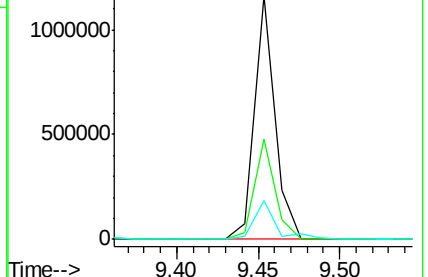
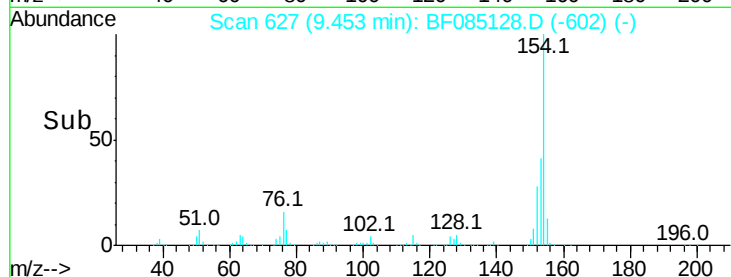
76 15.9 0.0 29.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.66 ng

RT: 9.48 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

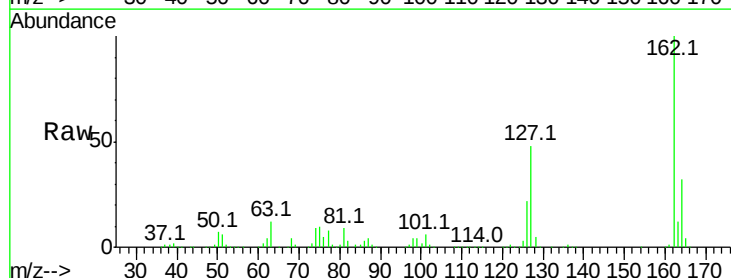
Tgt Ion:162 Resp: 765981

Ion Ratio Lower Upper

162 100

127 47.5 34.2 51.4

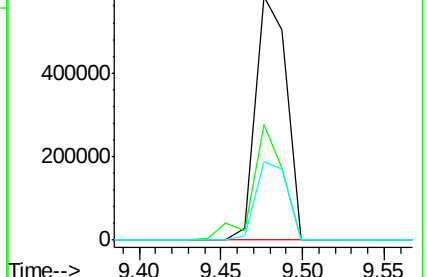
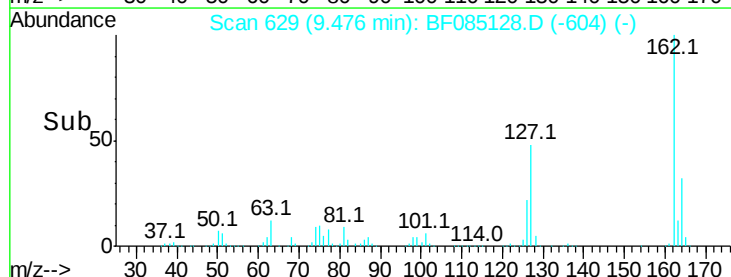
164 32.3 27.2 40.8

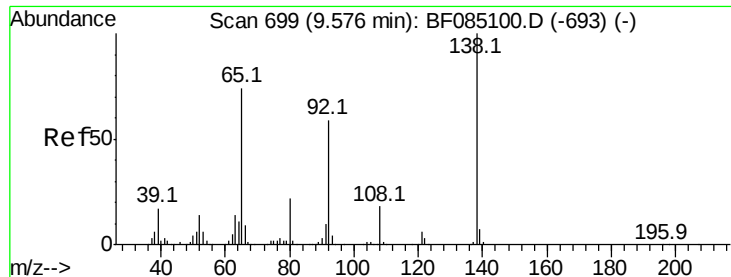


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

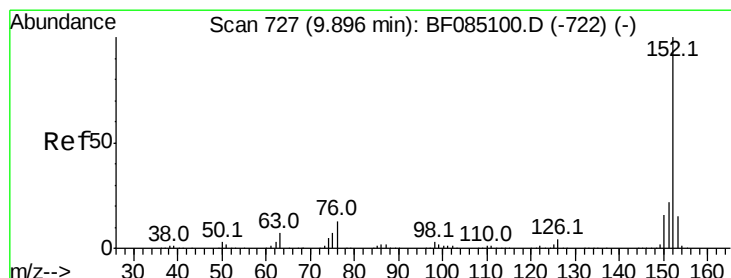
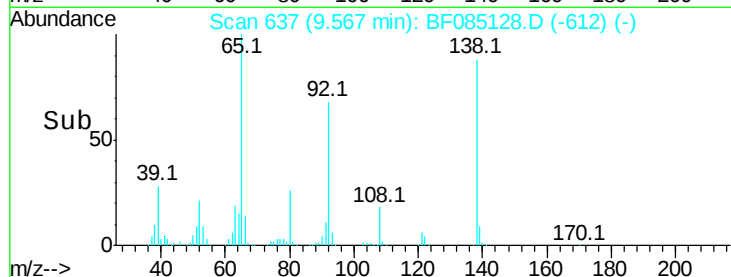
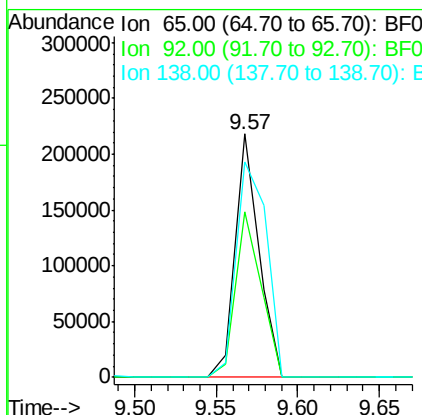
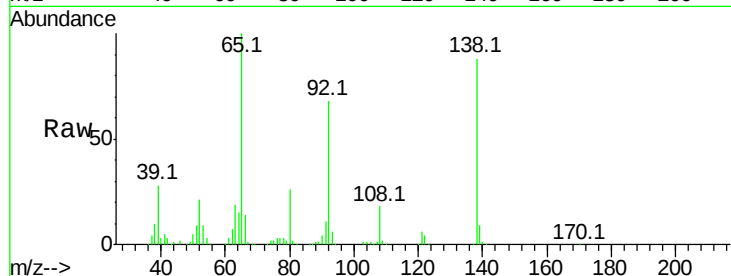




#47
2-Nitroaniline
Concen: 34.14 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

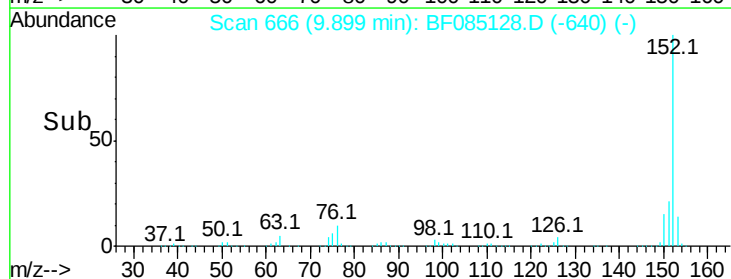
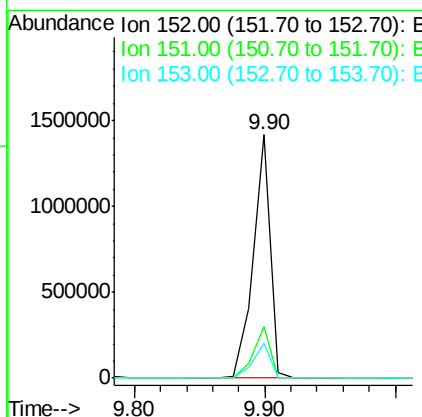
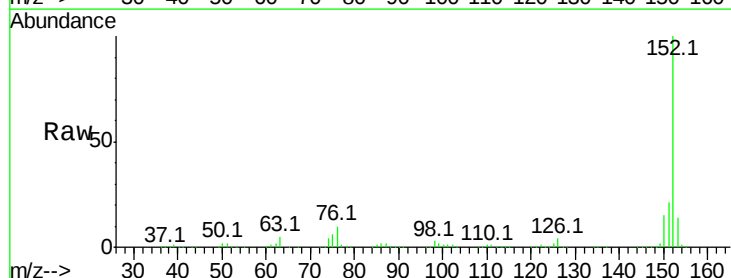
Instrument :
BNA_F
ClientSampleId :

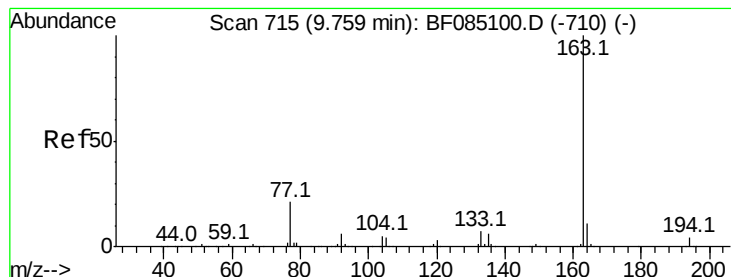
Tot Ion: 65 Resp: 218008
Ion Ratio Lower Upper
65 100
92 68.1 63.8 95.6
138 88.4 108.5 162.7#



#48
Acenaphthylene
Concen: 42.42 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion: 152 Resp: 1282423
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.0
153 14.2 12.0 18.0





#49

Dimethylphthalate

Concen: 36.71 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

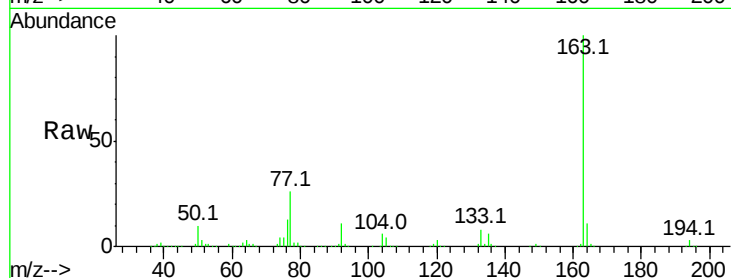
Tot Ion:163 Resp: 855186

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

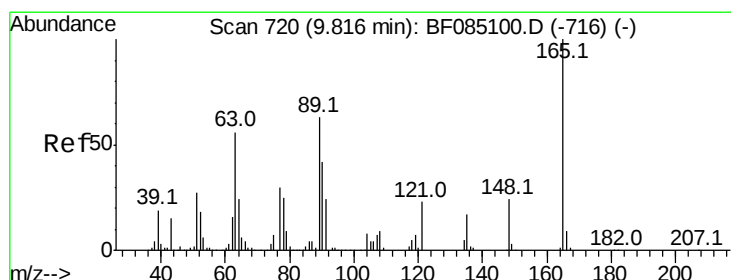
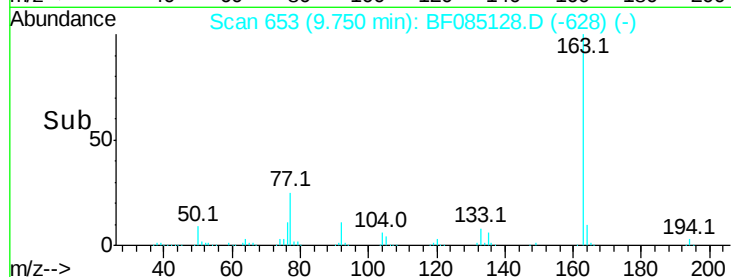
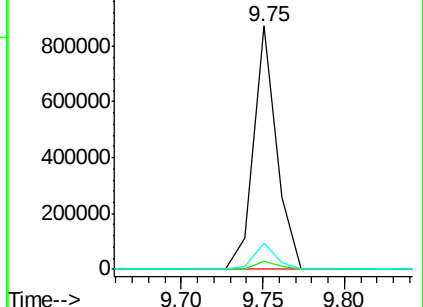
164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.80 ng

RT: 9.82 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

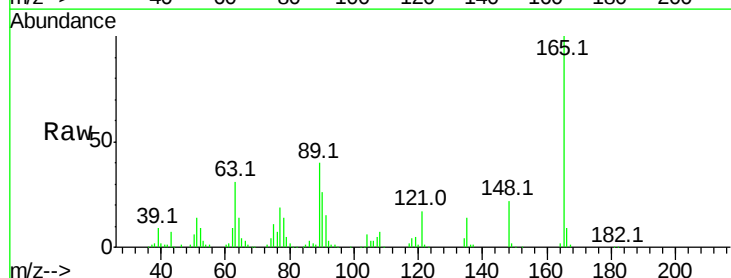
Tgt Ion:165 Resp: 206764

Ion Ratio Lower Upper

165 100

63 31.3 47.4 71.2#

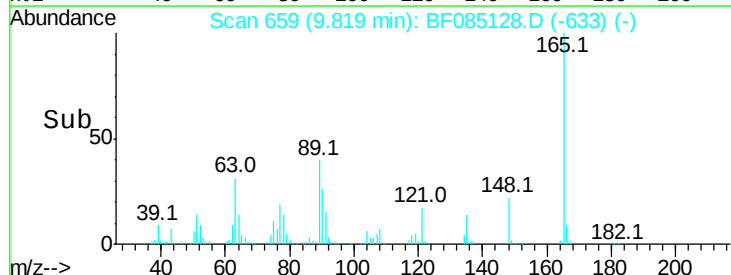
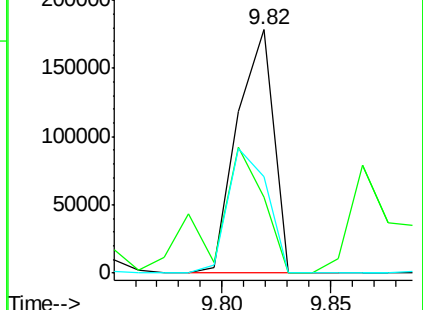
89 39.8 50.2 75.2#

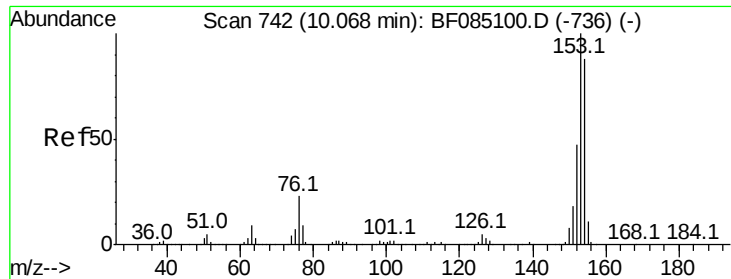


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.35 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

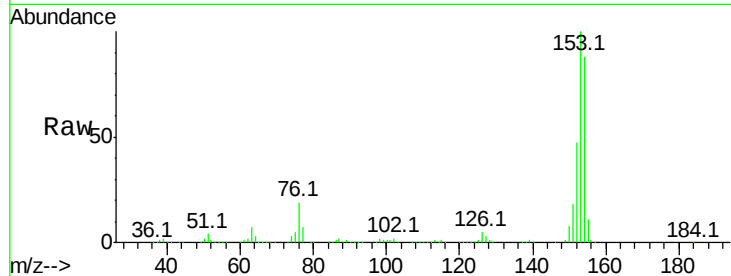
Tot Ion:154 Resp: 784854

Ion Ratio Lower Upper

154 100

153 114.0 91.0 136.6

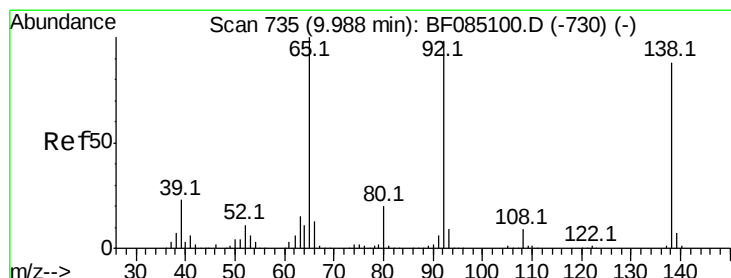
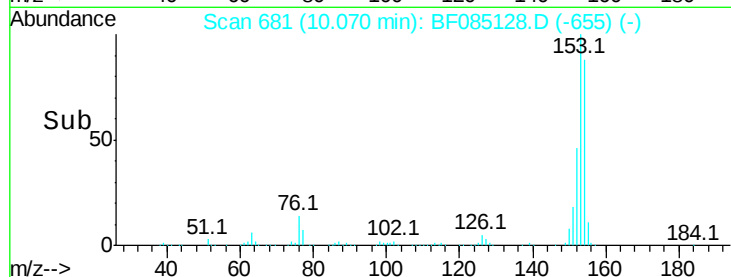
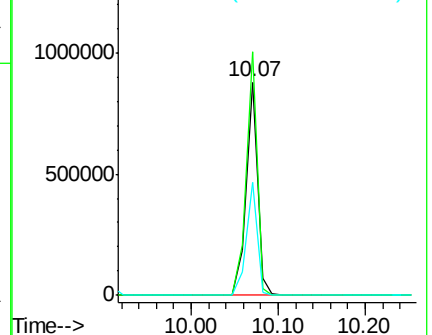
152 53.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.89 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

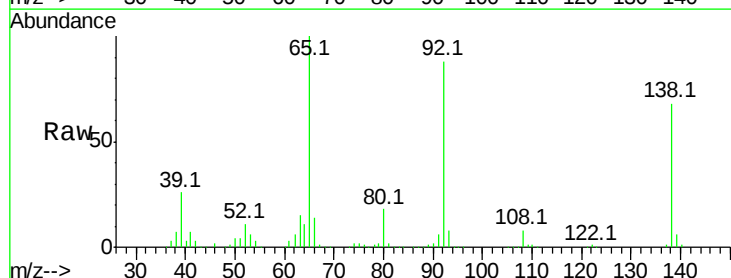
Tgt Ion:138 Resp: 200231

Ion Ratio Lower Upper

138 100

108 11.3 8.2 12.2

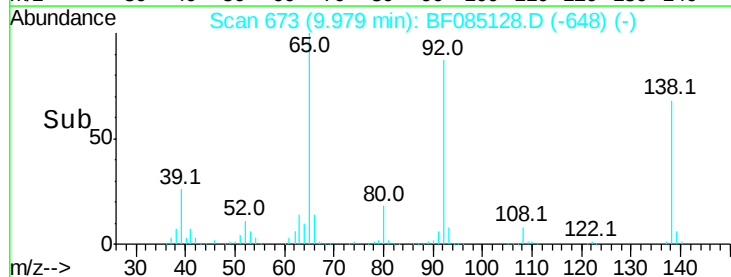
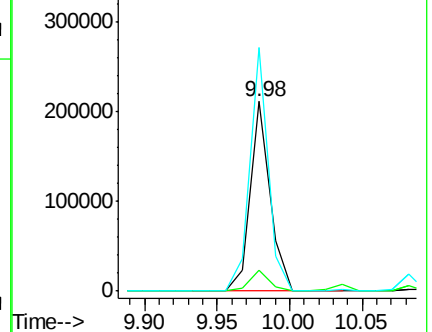
92 128.4 89.0 133.6

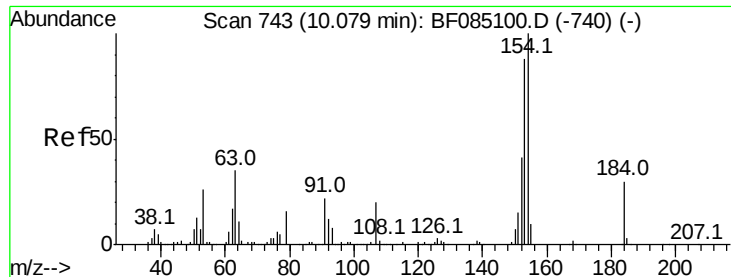


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

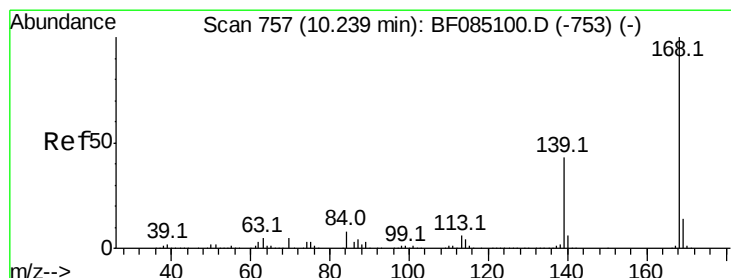
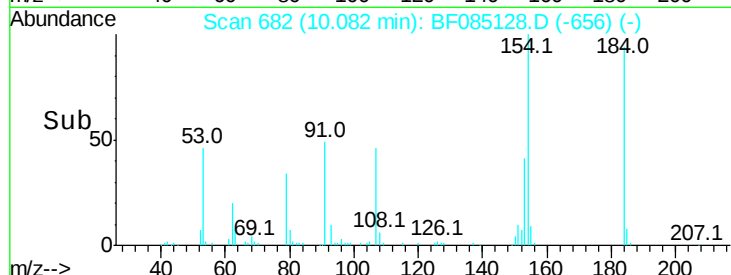
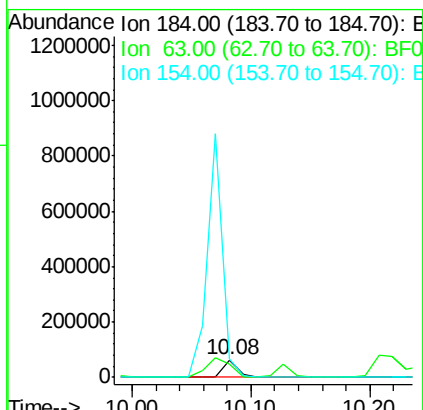
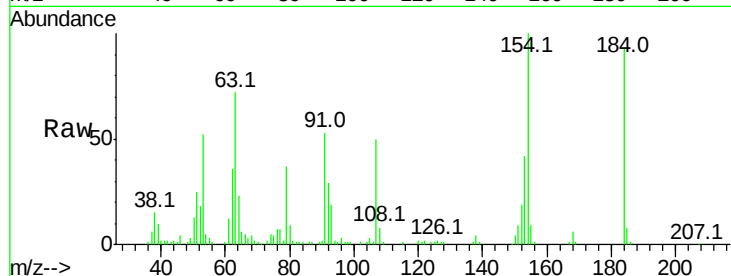




#53
2,4-Dinitrophenol
Concen: 36.93 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

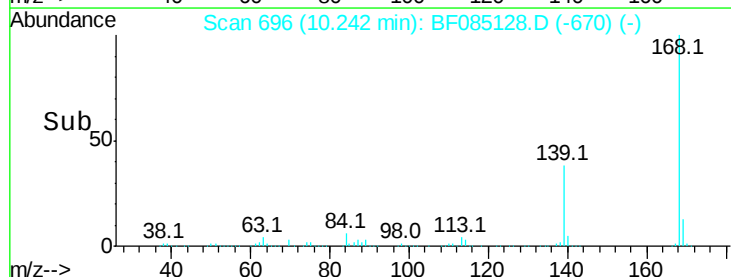
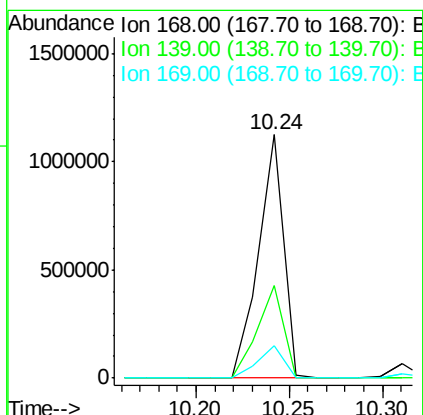
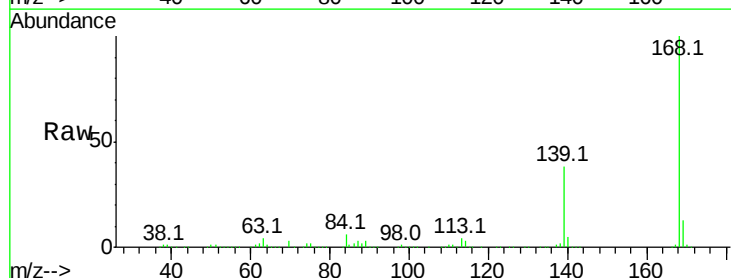
Instrument :
BNA_F
ClientSampled :

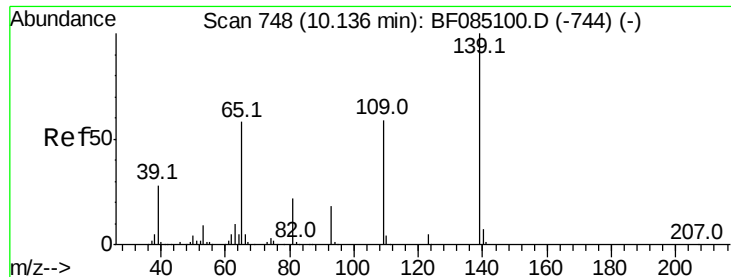
Tot Ion:184 Resp: 53071
Ion Ratio Lower Upper
184 100
63 77.2 94.0 141.0#
154 107.5 269.8 404.8#



#54
Dibenzofuran
Concen: 42.29 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:168 Resp: 1041997
Ion Ratio Lower Upper
168 100
139 37.9 34.2 51.2
169 13.5 11.4 17.2

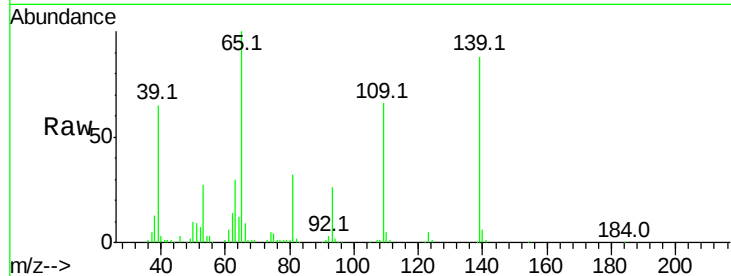




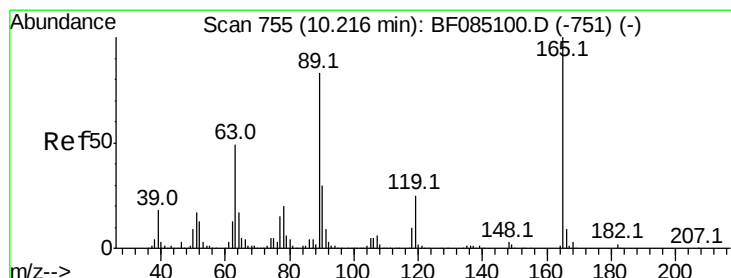
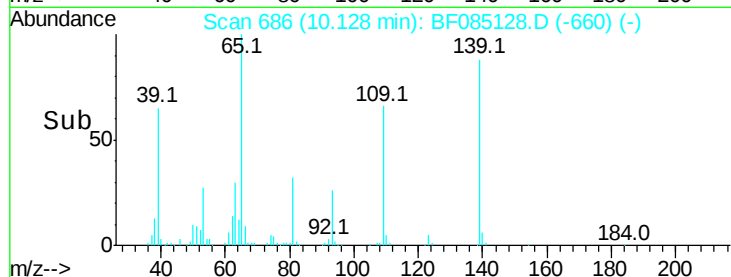
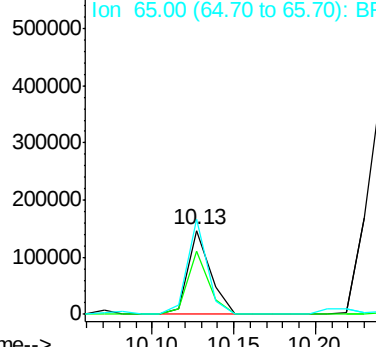
#55
4-Nitrophenol
Concen: 32.71 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 144036
Ion Ratio Lower Upper
139 100
109 75.0 39.5 79.5
65 113.9 38.4 78.4#

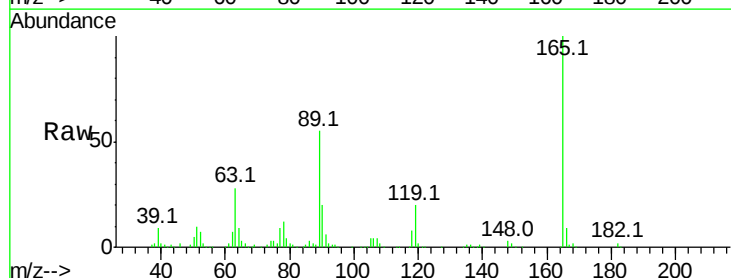


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

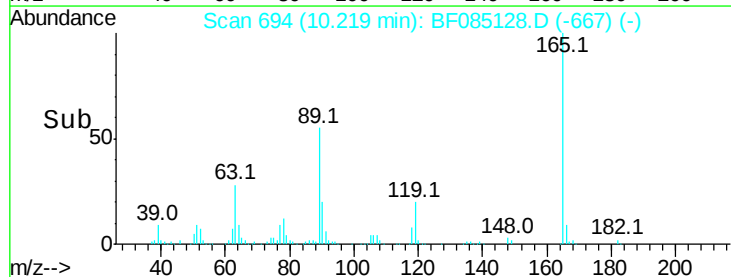
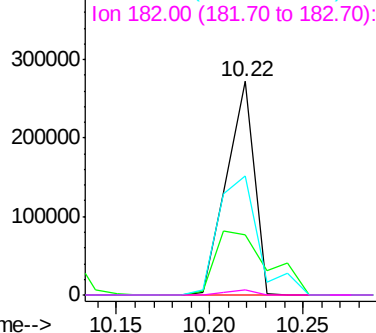


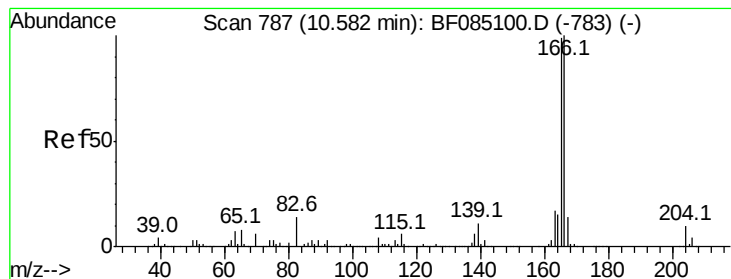
#56
2,4-Dinitrotoluene
Concen: 43.01 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:165 Resp: 279915
Ion Ratio Lower Upper
165 100
63 28.3 39.2 58.8#
89 55.5 66.2 99.4#
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.07 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

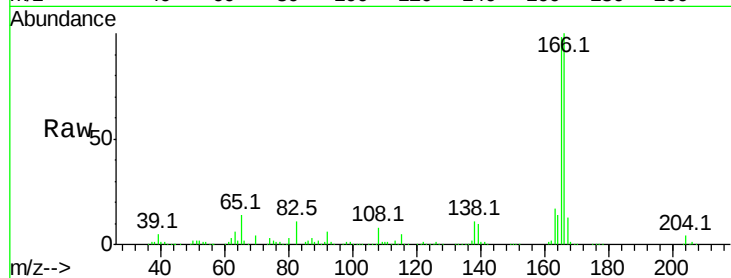
Tot Ion:166 Resp: 853945

Ion Ratio Lower Upper

166 100

165 98.4 79.4 119.2

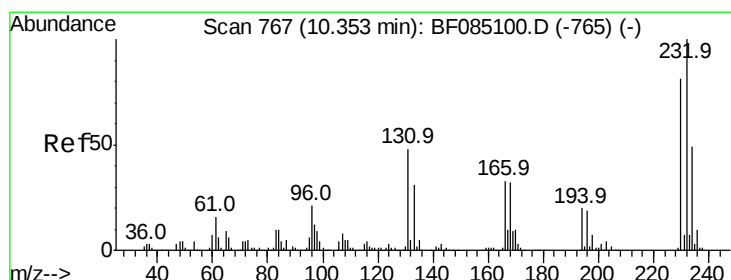
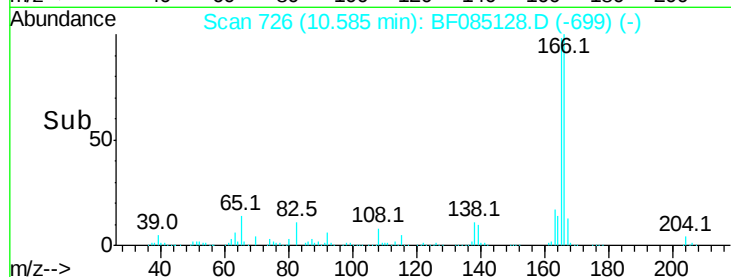
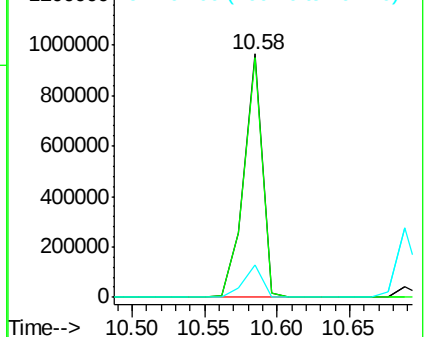
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.17 ng

RT: 10.36 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Tgt Ion:232 Resp: 208853

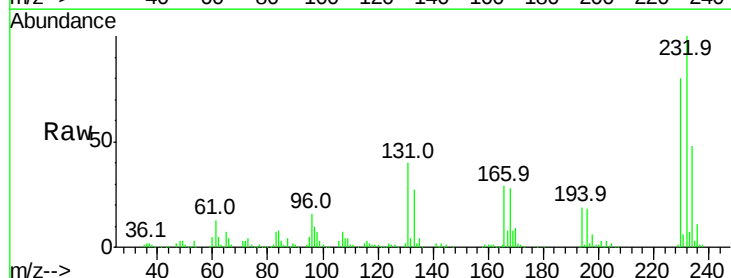
Ion Ratio Lower Upper

232 100

131 46.9 41.6 62.4

130 2.3 2.1 3.1

166 31.5 26.8 40.2

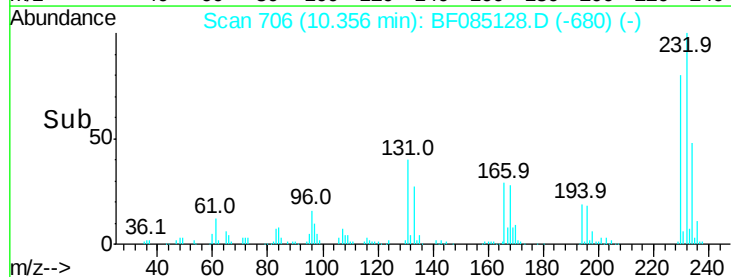
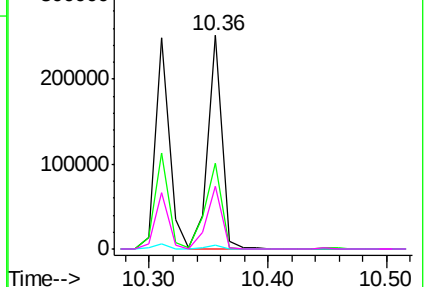


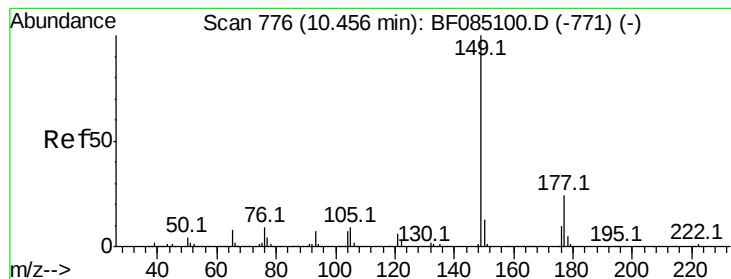
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.97 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

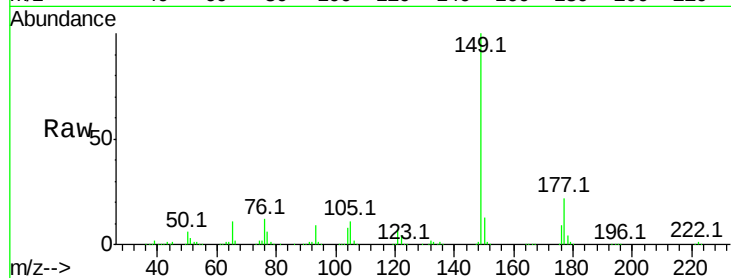
Tot Ion:149 Resp: 869926

Ion Ratio Lower Upper

149 100

177 22.0 19.4 29.2

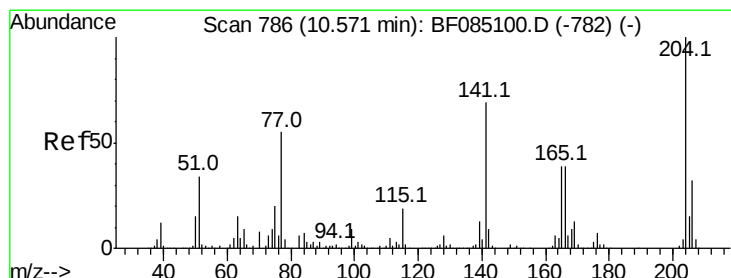
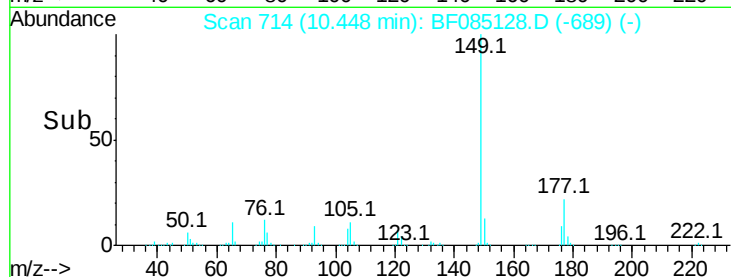
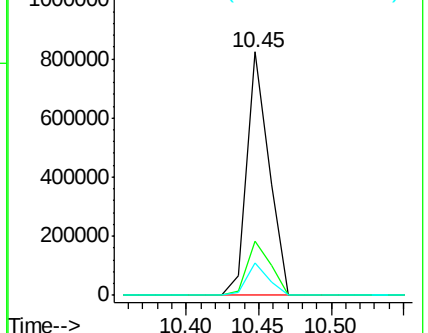
150 13.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.71 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

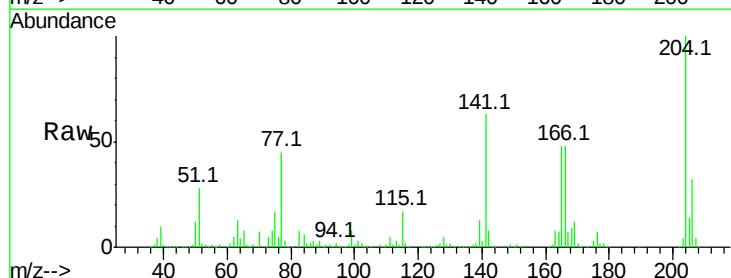
Tgt Ion:204 Resp: 416518

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

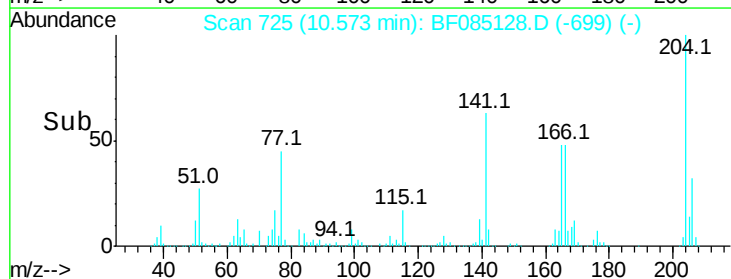
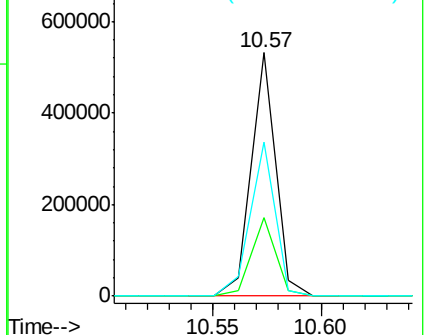
141 63.2 55.3 82.9

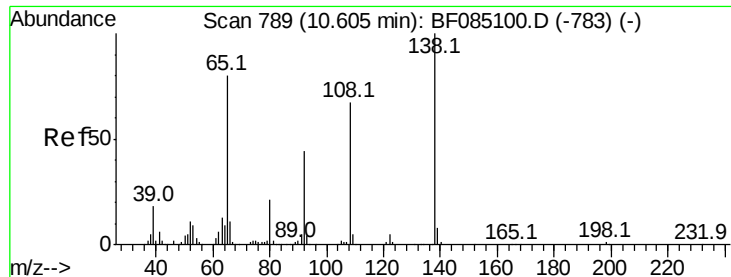


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

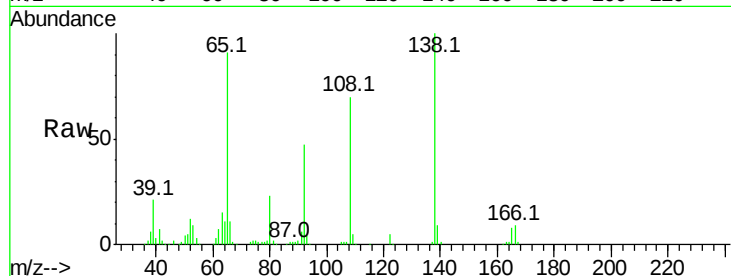




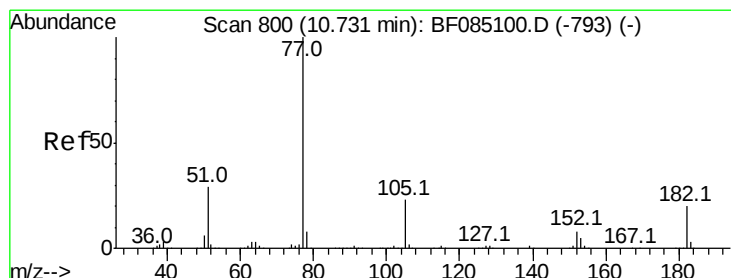
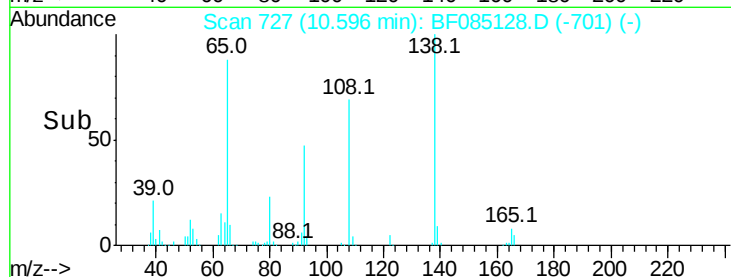
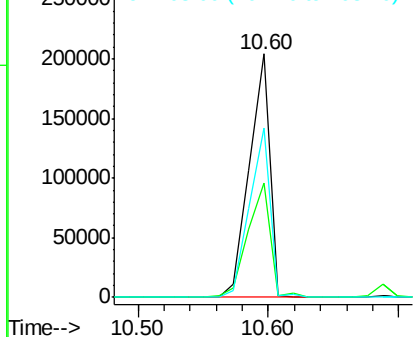
#61
4-Nitroaniline
Concen: 41.47 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 223060
Ion Ratio Lower Upper
138 100
92 46.8 23.5 63.5
108 69.8 46.8 86.8

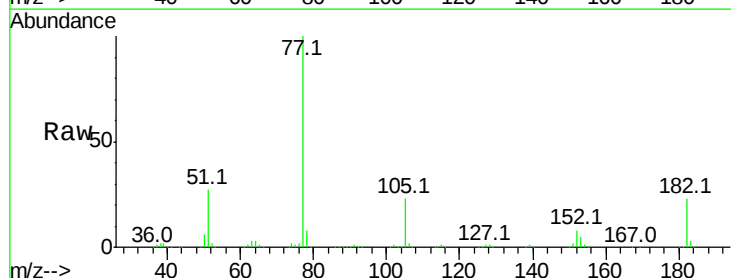


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

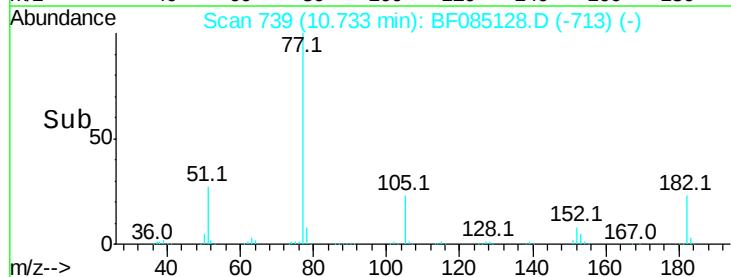
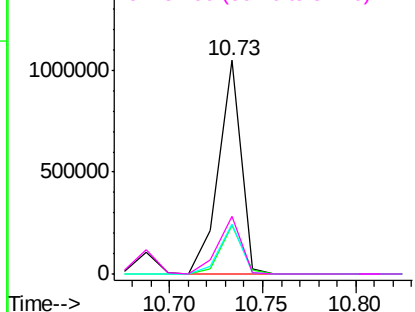


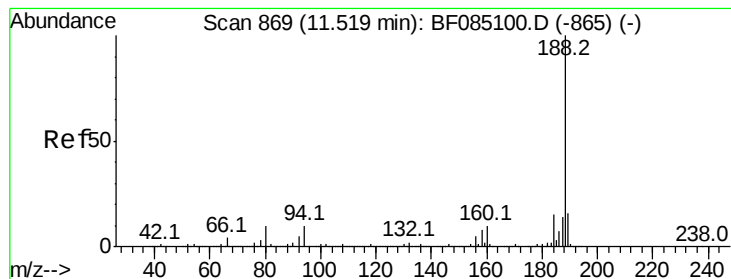
#62
Azobenzene
Concen: 39.12 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion: 77 Resp: 882418
Ion Ratio Lower Upper
77 100
182 22.9 0.0 39.8
105 23.5 2.7 42.7
51 27.2 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

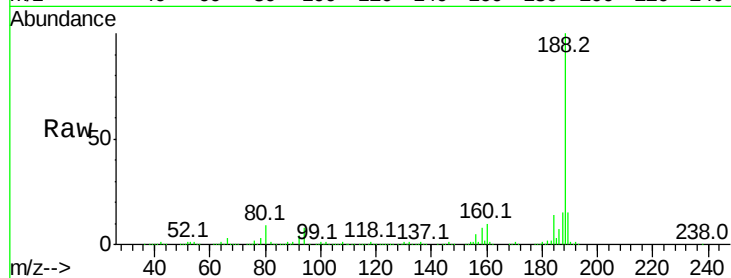
Tot Ion:188 Resp: 546043

Ion Ratio Lower Upper

188 100

94 8.1 7.8 11.6

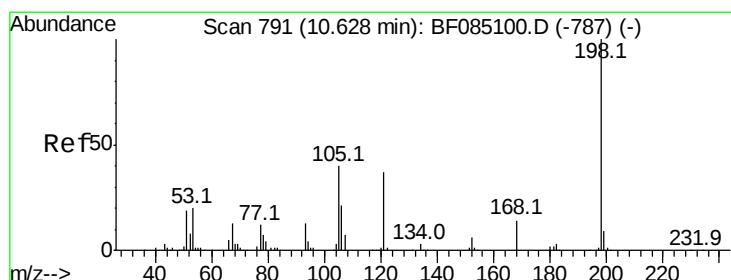
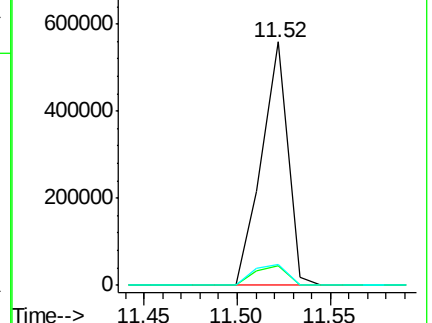
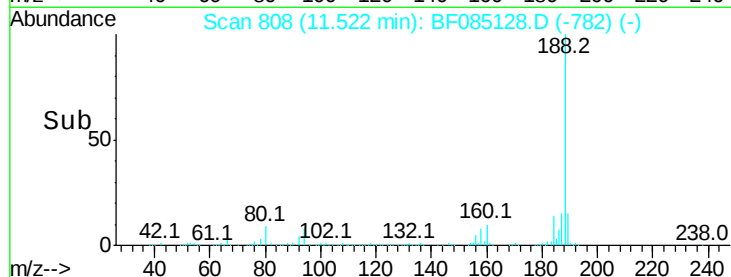
80 8.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.22 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

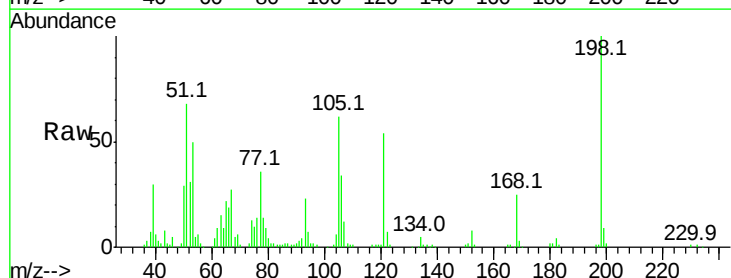
Tgt Ion:198 Resp: 92728

Ion Ratio Lower Upper

198 100

51 67.6 12.5 52.5#

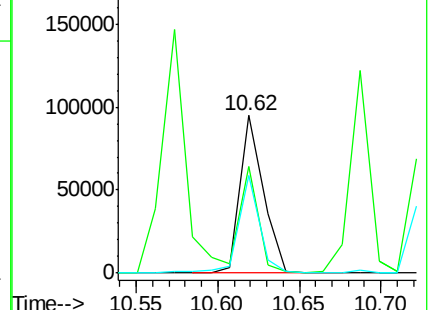
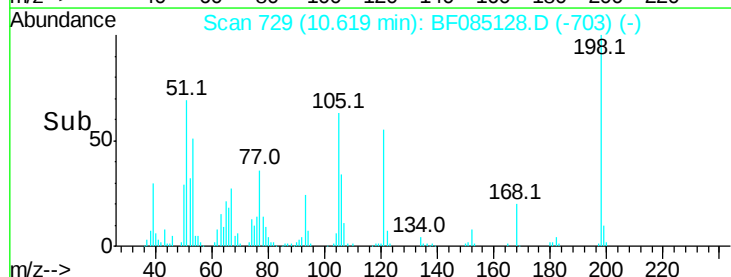
105 61.8 20.2 60.2#

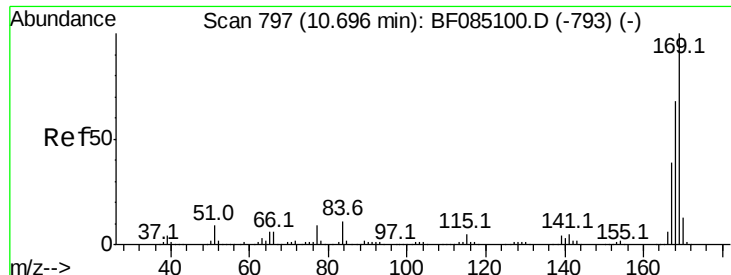


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

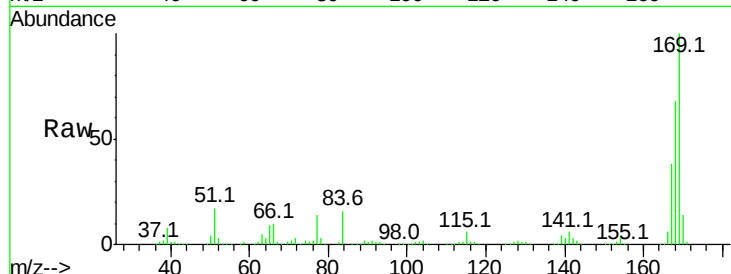




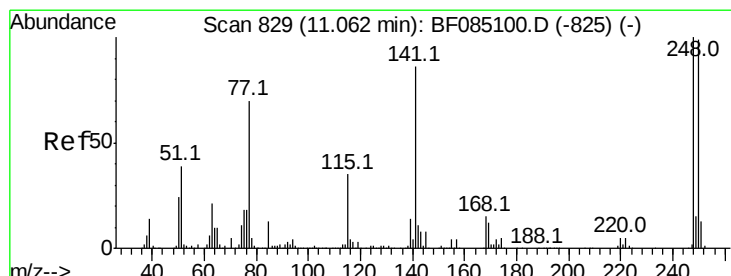
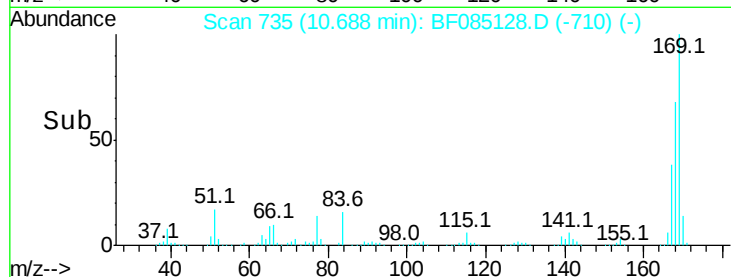
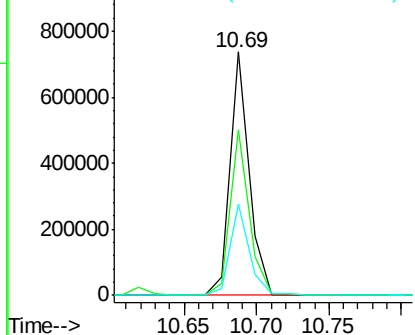
#65
 n-Nitrosodiphenylamine
 Concen: 38.80 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 667681
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.6 81.8
 167 37.6 30.8 46.2

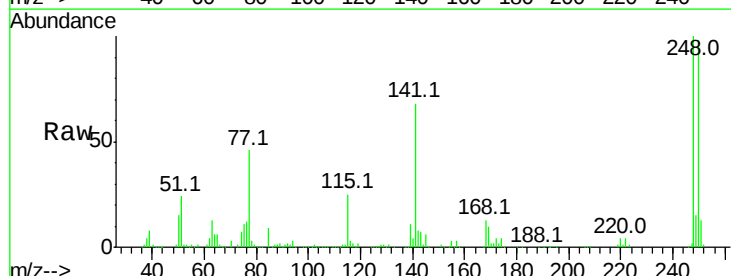


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

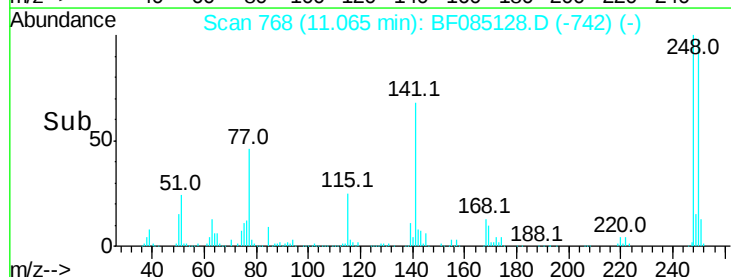
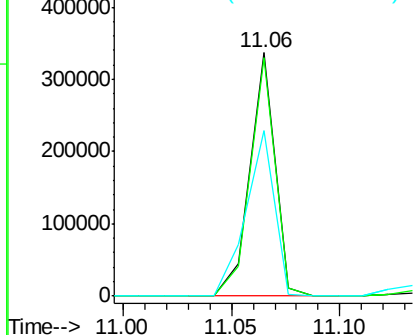


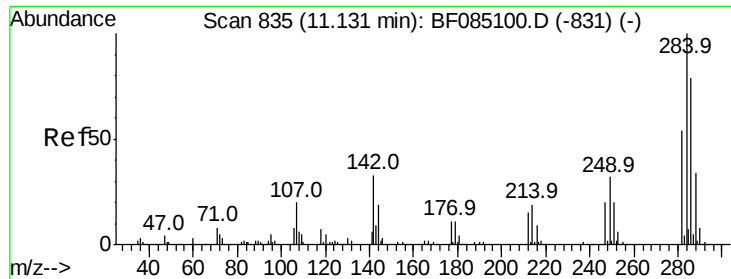
#66
 4-Bromophenyl-phenylether
 Concen: 46.94 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:248 Resp: 269142
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.0 118.4
 141 67.9 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

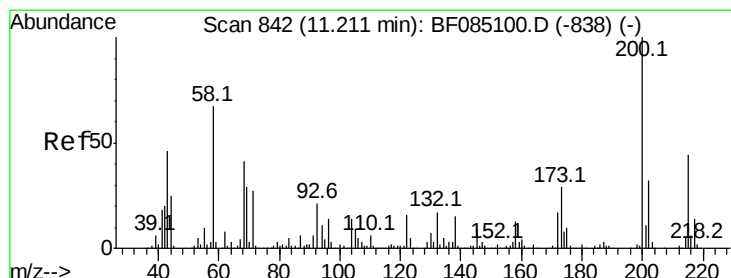
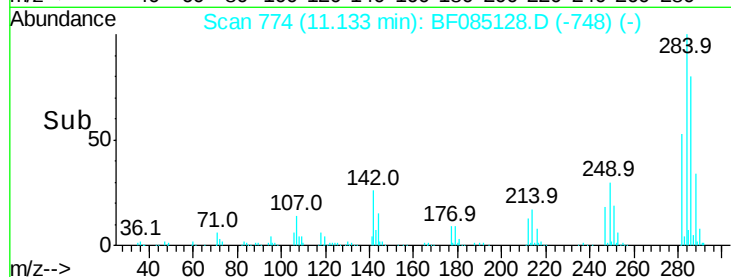
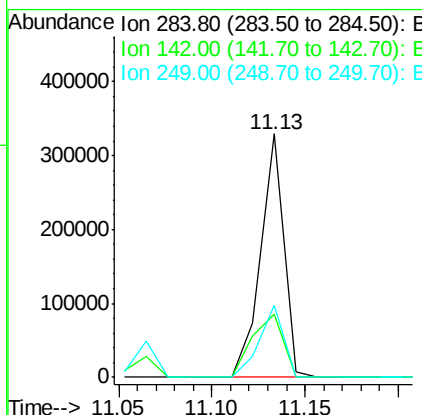
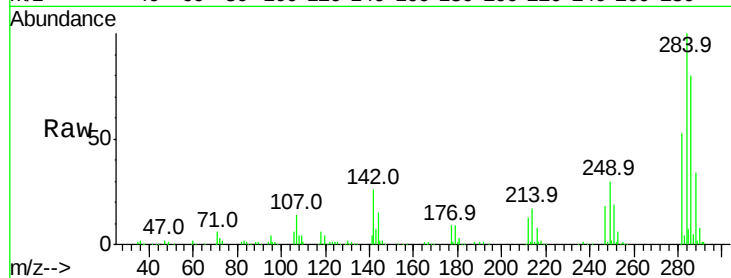




#67
Hexachlorobenzene
Concen: 43.63 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

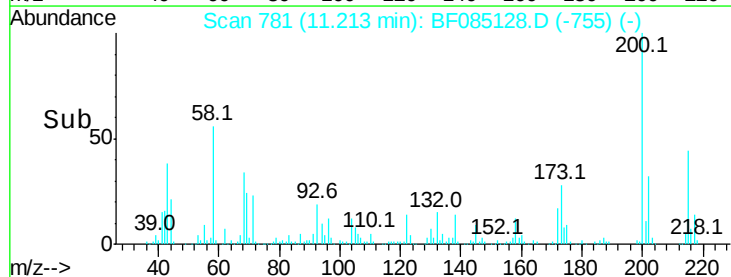
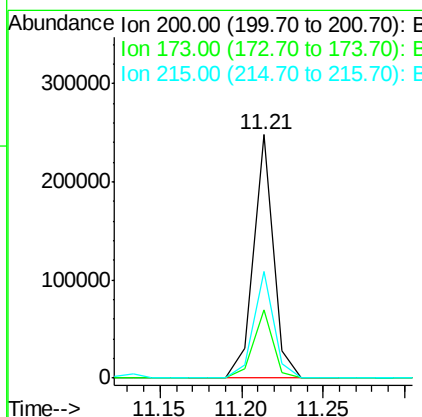
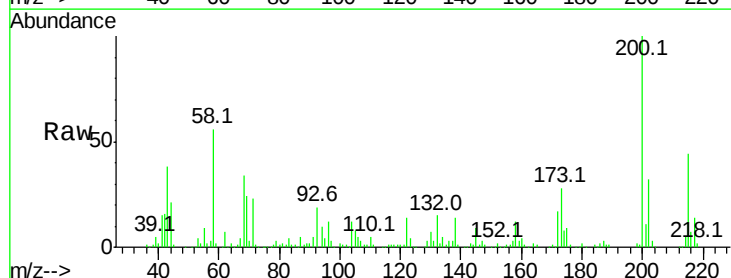
Instrument :
BNA_F
ClientSampleId :

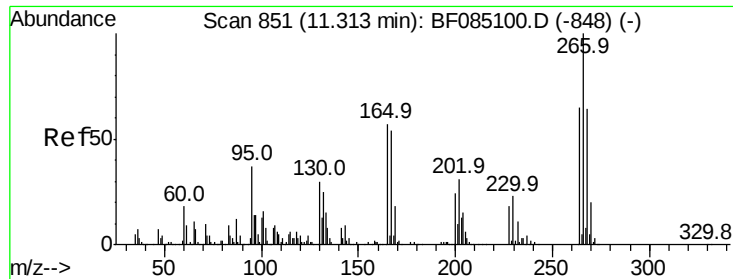
Tot Ion:284 Resp: 282381
Ion Ratio Lower Upper
284 100
142 25.9 26.3 39.5#
249 29.6 25.8 38.6



#68
Atrazine
Concen: 40.21 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:200 Resp: 211136
Ion Ratio Lower Upper
200 100
173 28.2 9.4 49.4
215 43.7 23.6 63.6

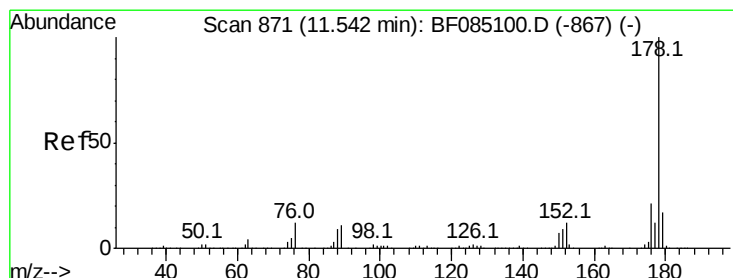
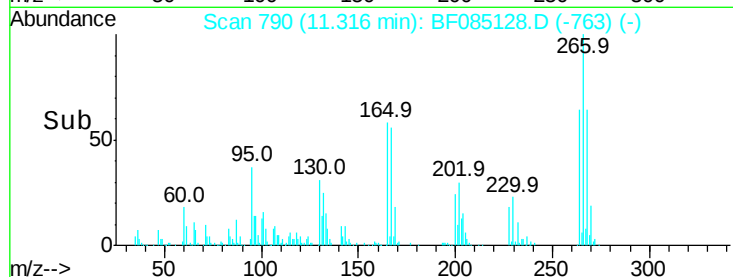
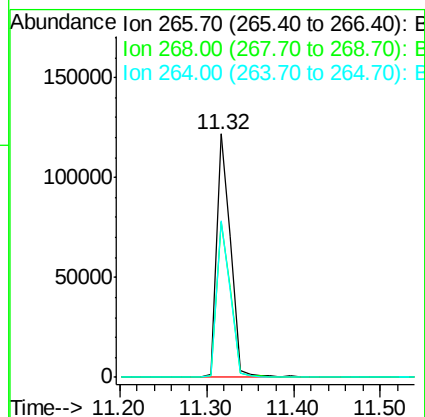
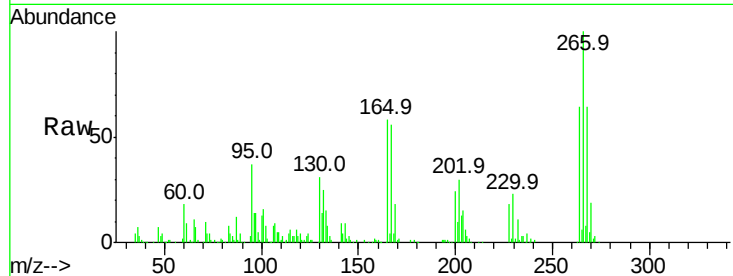




#69
 Pentachlorophenol
 Concen: 36.59 ng
 RT: 11.32 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

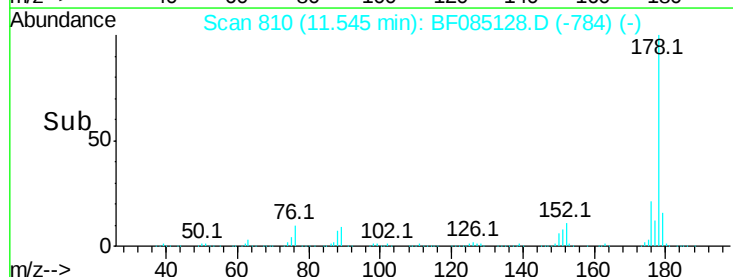
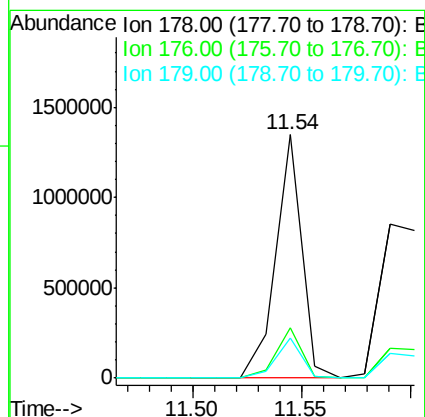
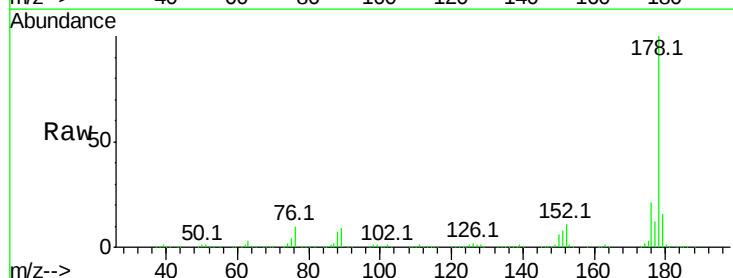
Instrument :
 BNA_F
 ClientSampled :

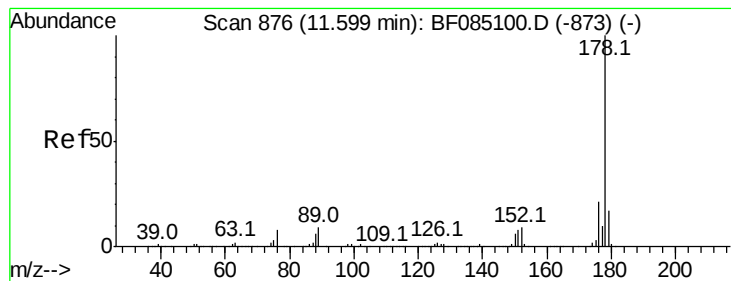
Tot Ion:266 Resp: 138972
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 64.4 52.3 78.5



#70
 Phenanthrene
 Concen: 42.02 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:178 Resp: 1141391
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.6
 179 16.2 13.3 19.9





#71

Anthracene

Concen: 38.26 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

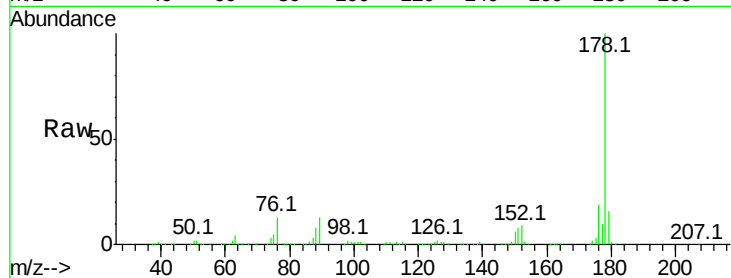
Tot Ion:178 Resp: 1166966

Ion Ratio Lower Upper

178 100

176 19.3 16.6 25.0

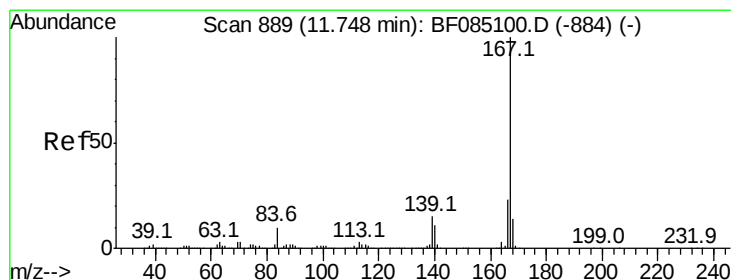
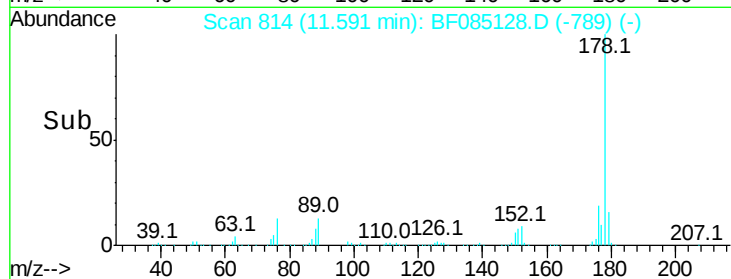
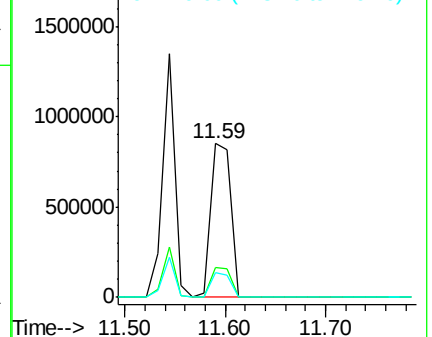
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.02 ng

RT: 11.75 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

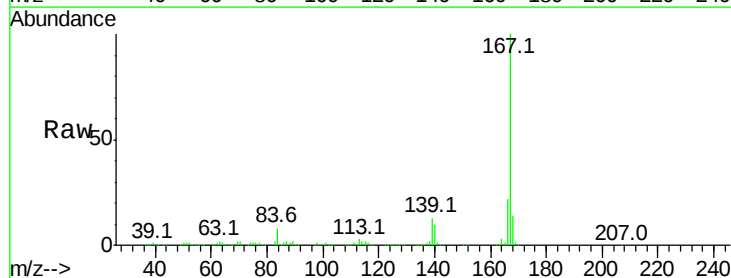
Tgt Ion:167 Resp: 1062364

Ion Ratio Lower Upper

167 100

166 22.0 18.6 28.0

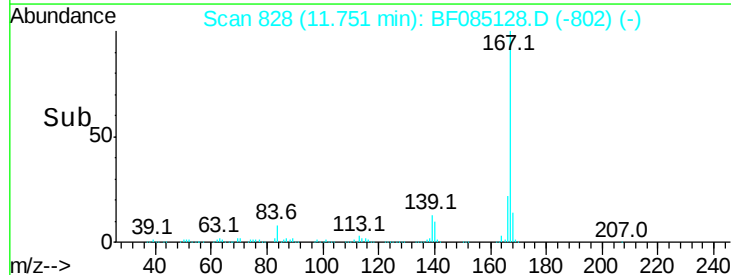
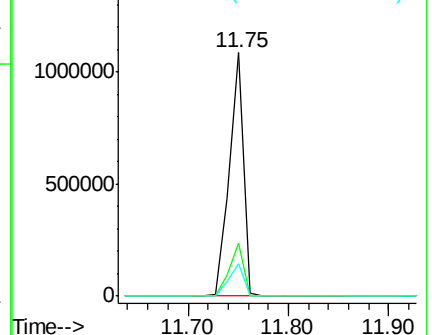
139 13.2 11.8 17.8

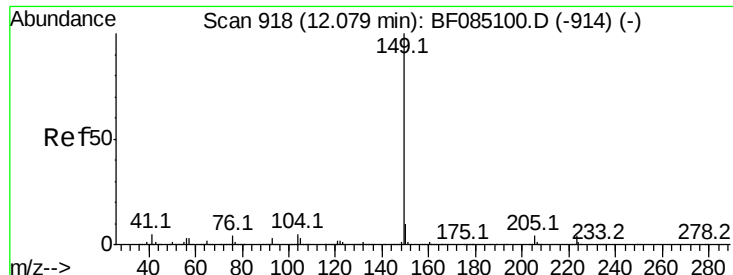


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.64 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampled :

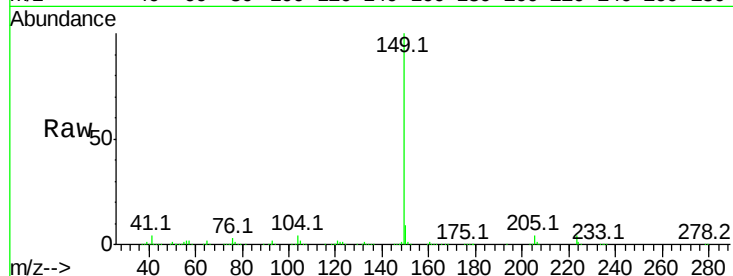
Tot Ion:149 Resp: 1315511

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

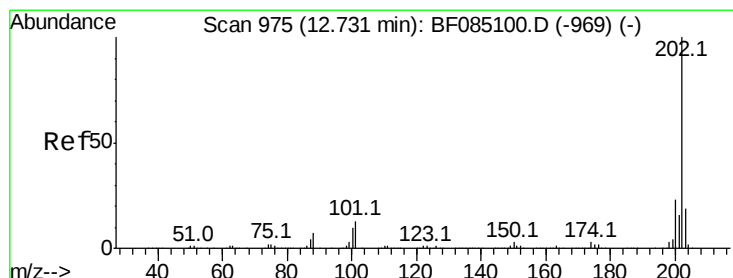
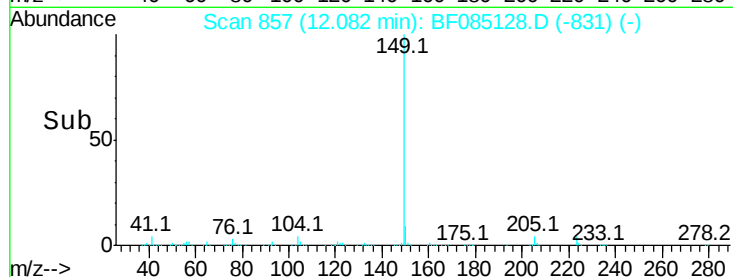
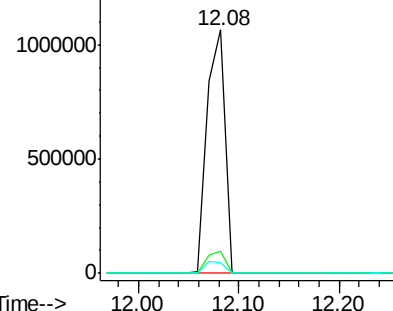
104 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.32 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

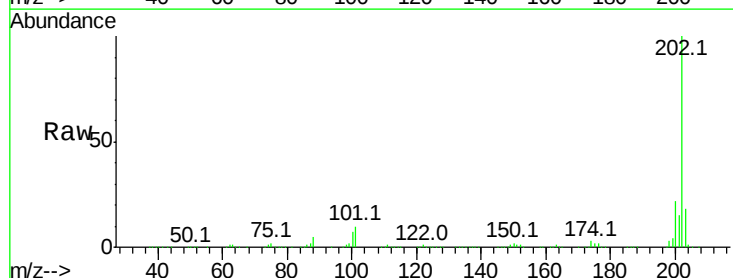
Tgt Ion:202 Resp: 1112581

Ion Ratio Lower Upper

202 100

101 9.6 0.0 33.2

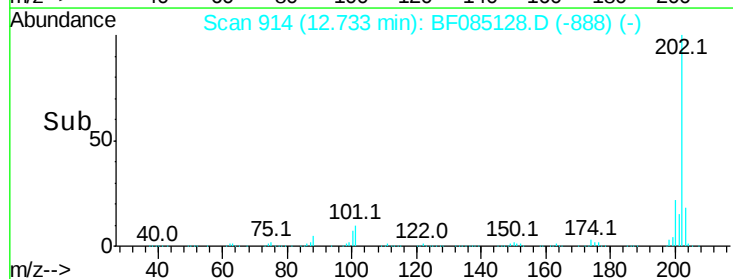
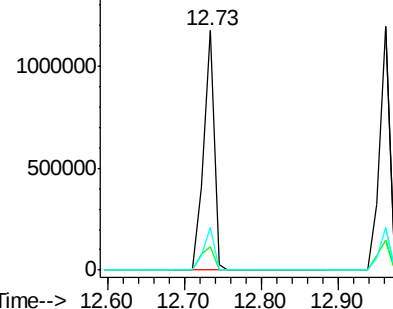
203 17.7 0.0 38.6

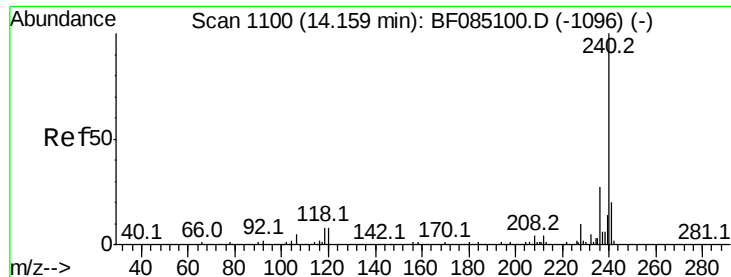


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

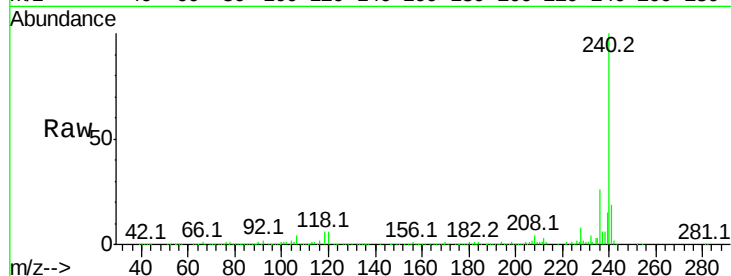
Tot Ion:240 Resp: 344628

Ion Ratio Lower Upper

240 100

120 6.3 6.7 10.1#

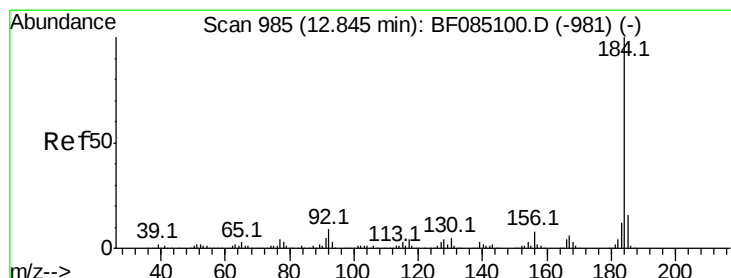
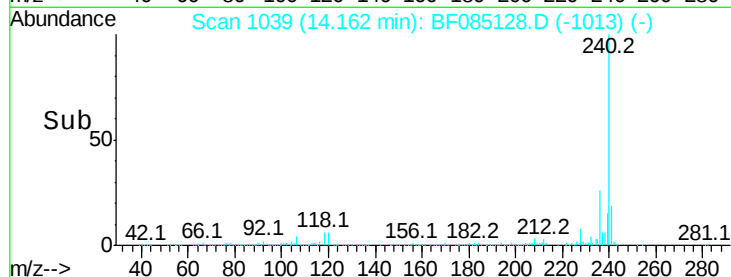
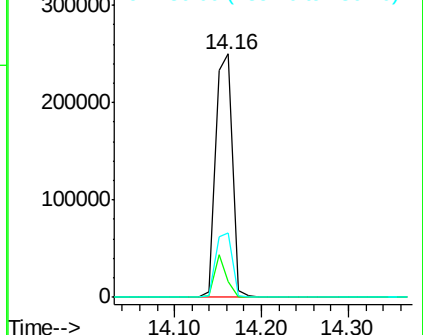
236 26.3 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.25 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

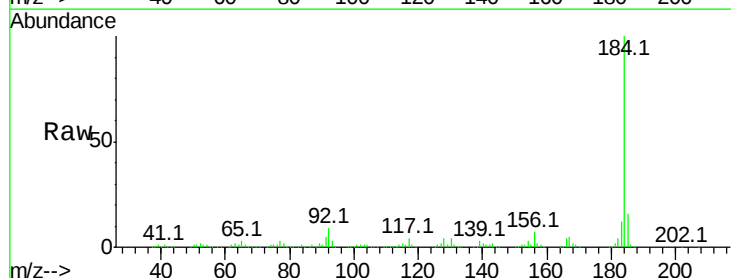
Tgt Ion:184 Resp: 471491

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

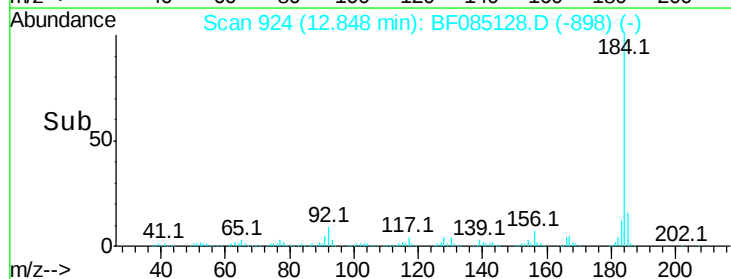
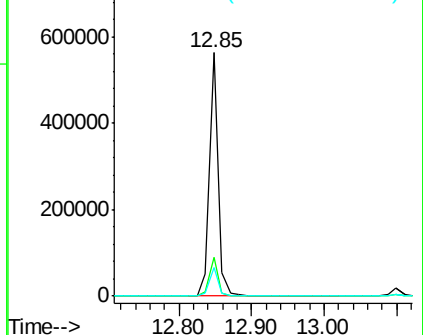
183 11.6 9.5 14.3

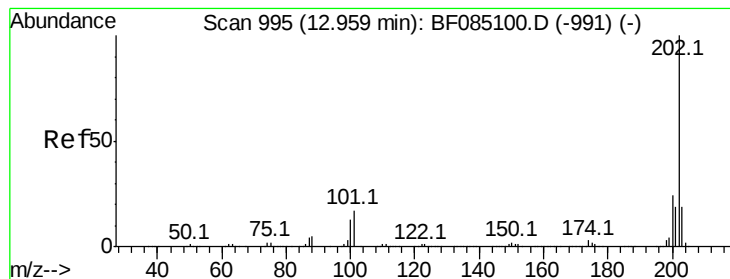


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.81 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

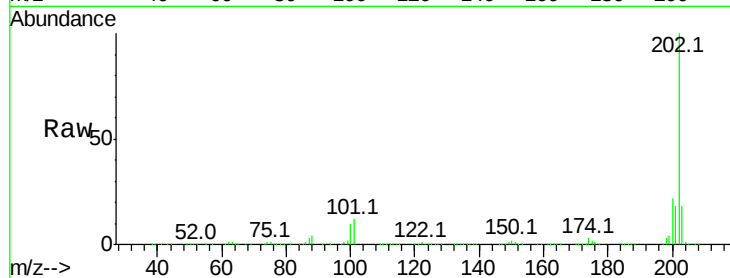
Tot Ion:202 Resp: 1077730

Ion Ratio Lower Upper

202 100

200 22.4 19.0 28.6

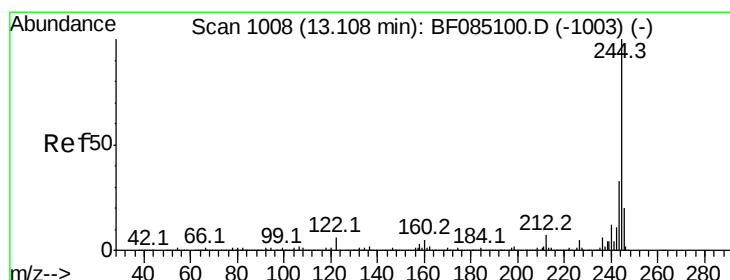
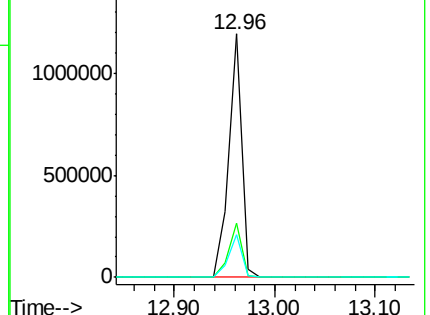
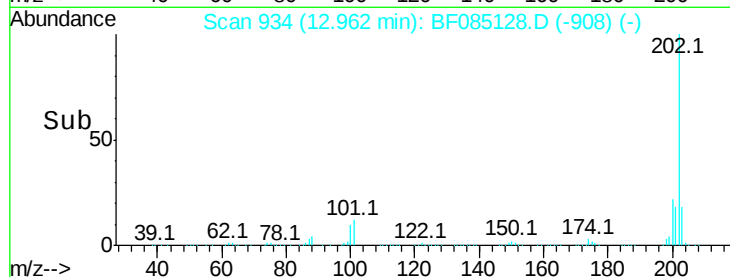
203 17.8 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.38 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

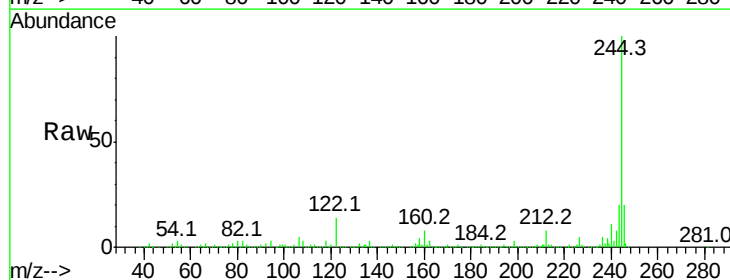
Tgt Ion:244 Resp: 1210266

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

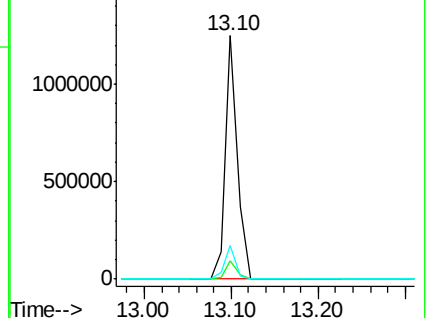
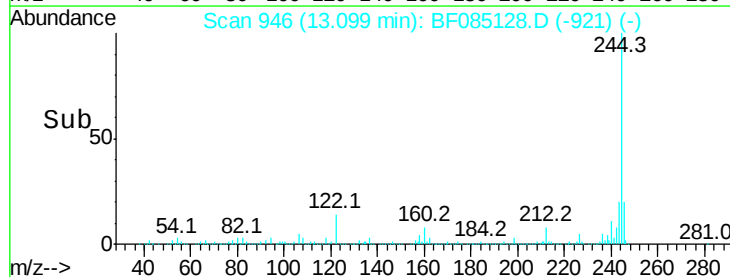
122 14.0 5.1 7.7#

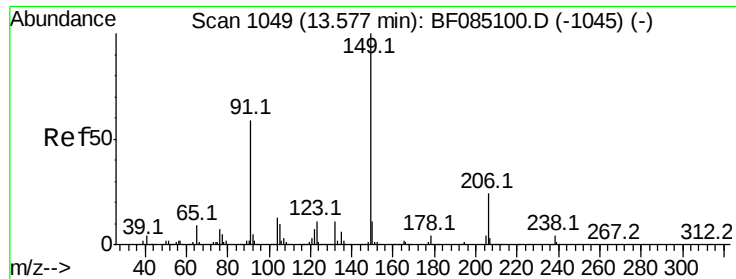


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

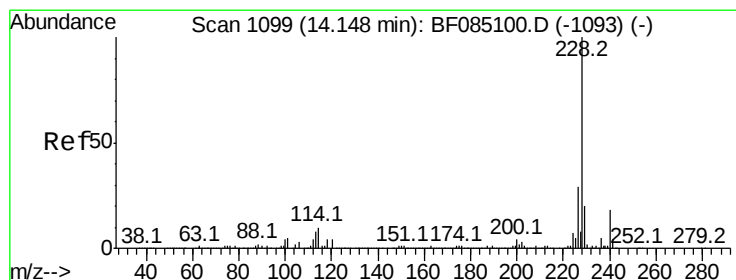
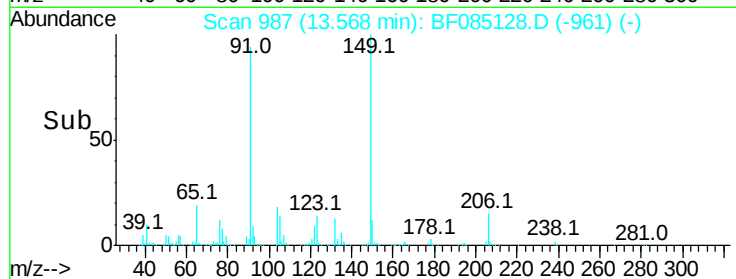
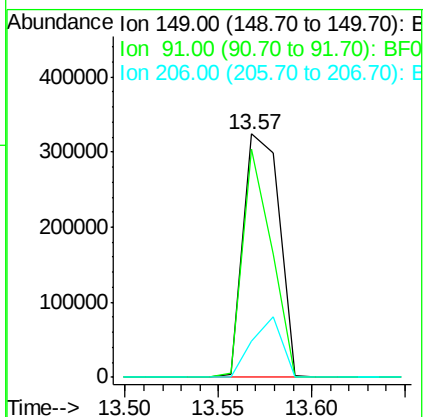
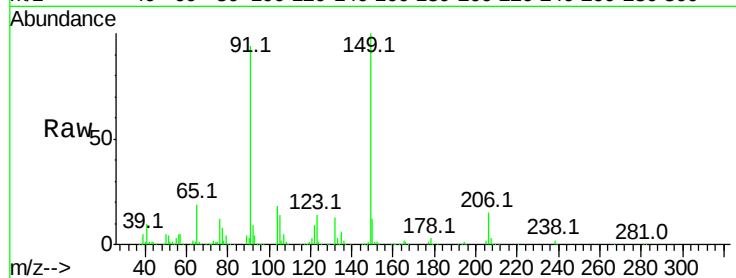




#79
Butylbenzylphthalate
Concen: 43.36 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

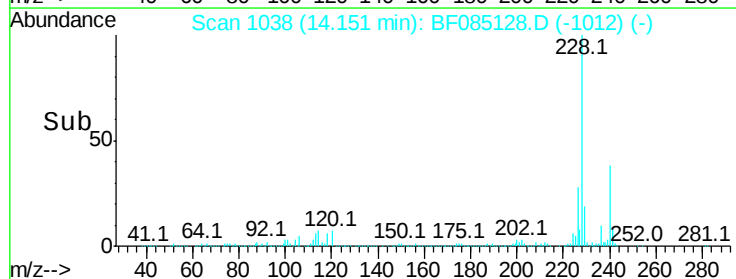
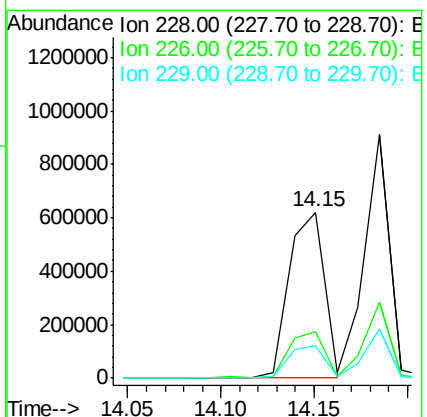
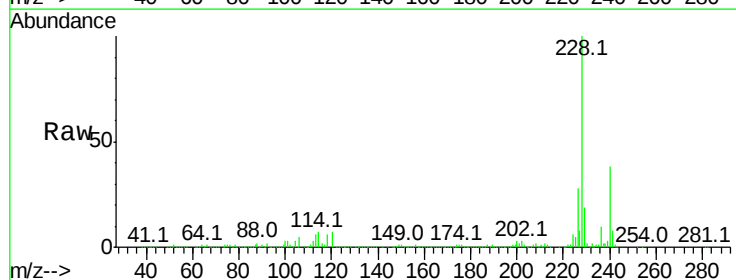
Instrument :
BNA_F
ClientSampleId :

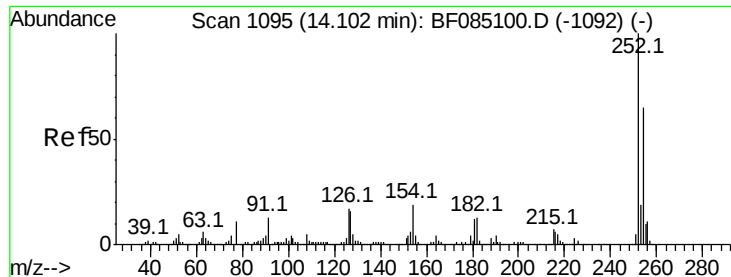
Tot Ion	Ratio	Lower	Upper
149	100		
91	93.6	46.9	70.3#
206	15.0	19.0	28.6#



#80
Benzo(a)anthracene
Concen: 40.92 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	19.4	16.1	24.1

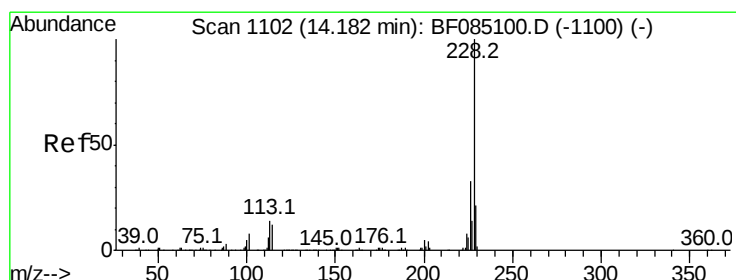
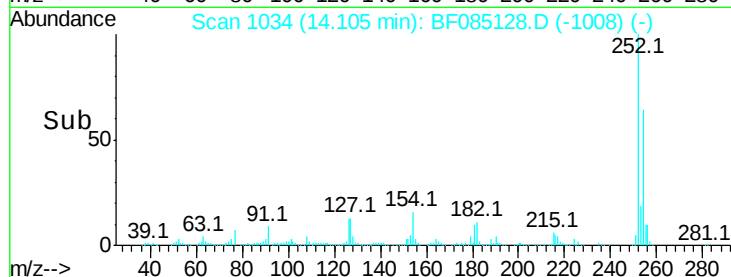
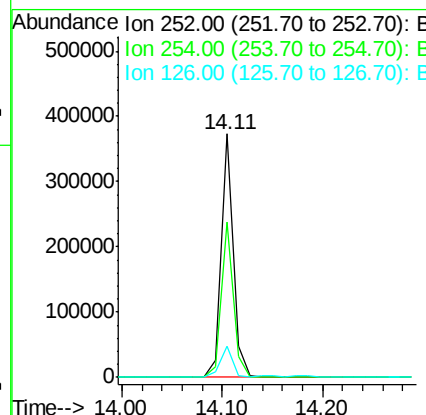
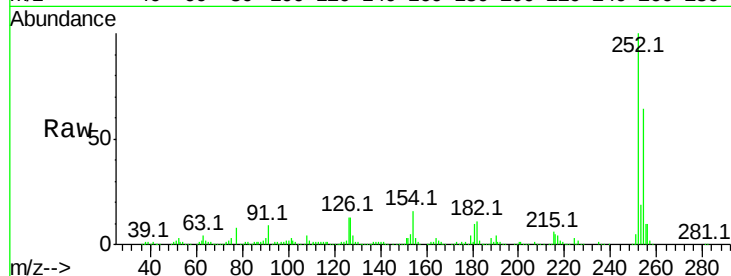




#81
 3,3'-Dichlorobenzidine
 Concen: 49.72 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

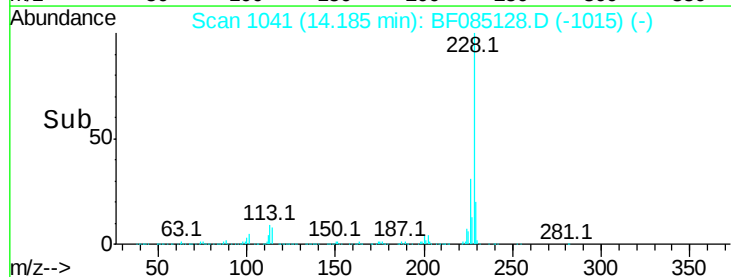
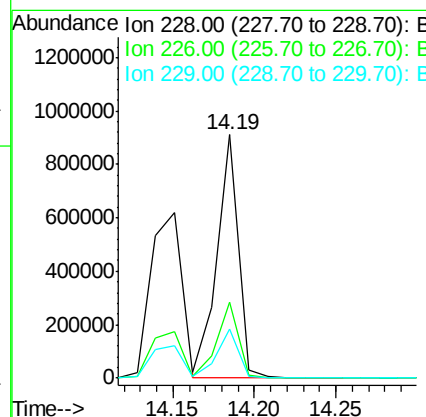
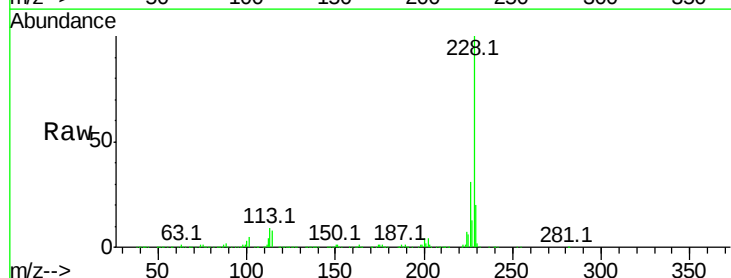
Instrument :
 BNA_F
 ClientSampled :

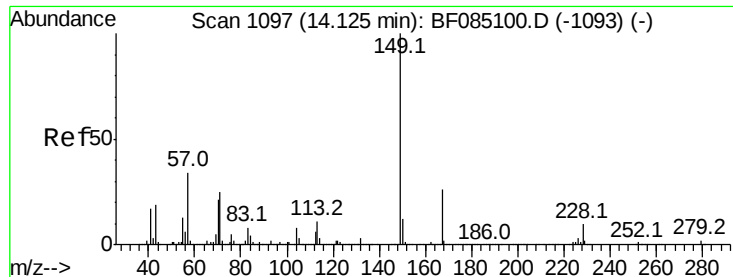
Tot Ion:252 Resp: 310930
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.8 77.6
 126 12.9 13.2 19.8#



#82
 Chrysene
 Concen: 45.65 ng
 RT: 14.19 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:228 Resp: 834170
 Ion Ratio Lower Upper
 228 100
 226 31.1 26.2 39.4
 229 19.9 16.5 24.7

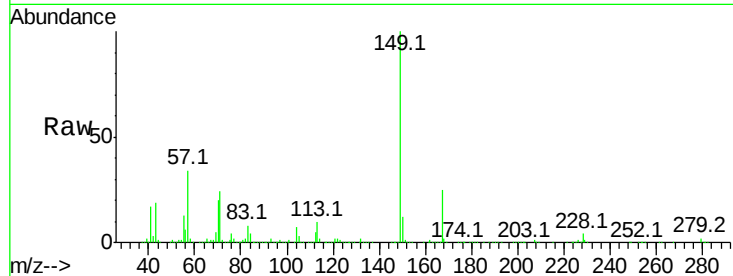




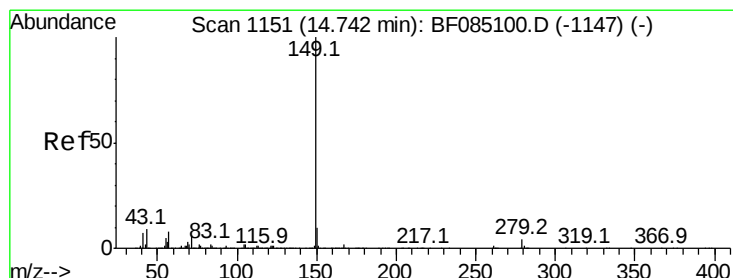
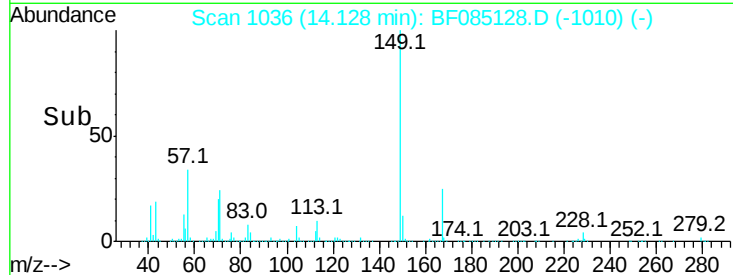
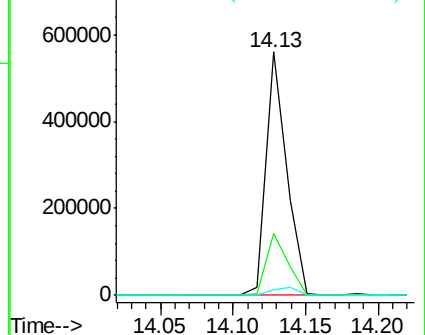
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.18 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 554176
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.6 31.0
 279 2.3 2.0 3.0

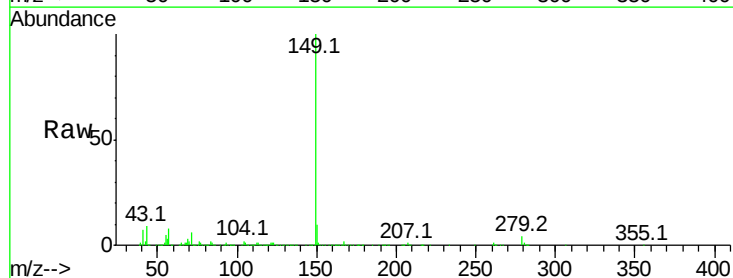


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

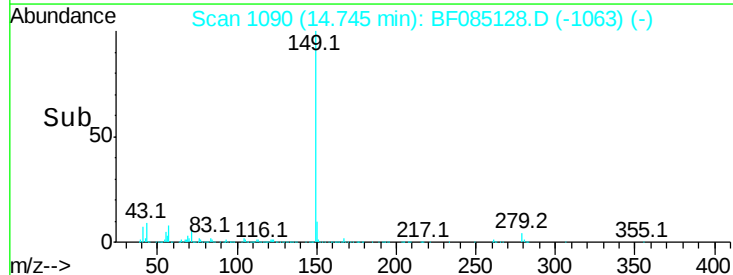
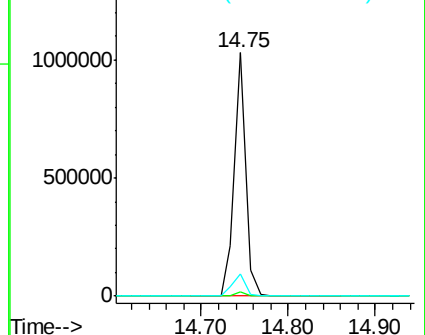


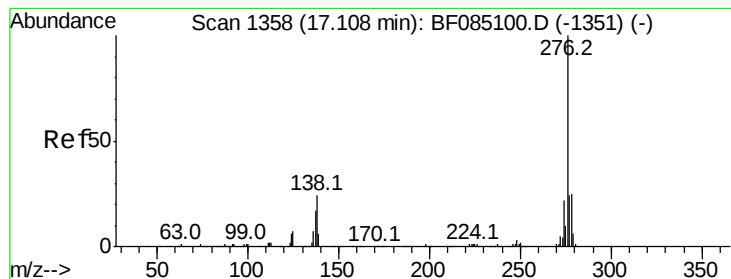
#84
 Di-n-octyl phthalate
 Concen: 54.83 ng
 RT: 14.75 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Tgt Ion:149 Resp: 936147
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 64.13 ng

RT: 17.12 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

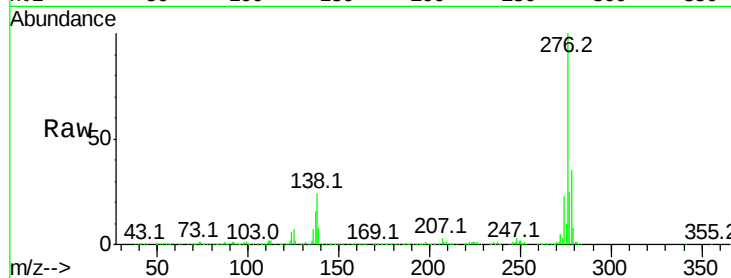
Tot Ion:276 Resp: 990785

Ion Ratio Lower Upper

276 100

138 26.1 21.4 32.2

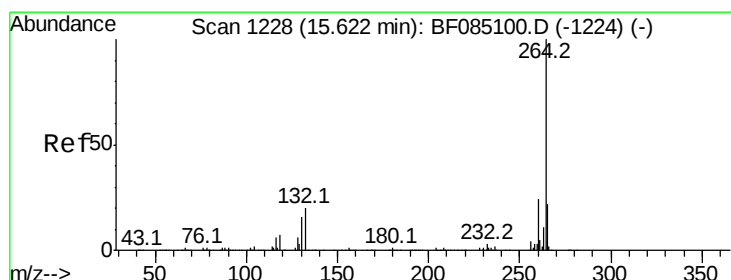
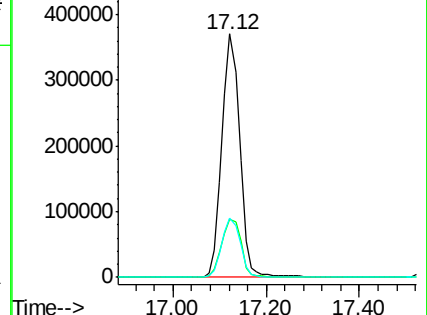
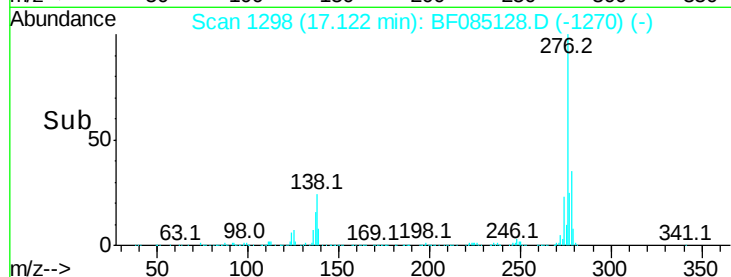
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.64 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

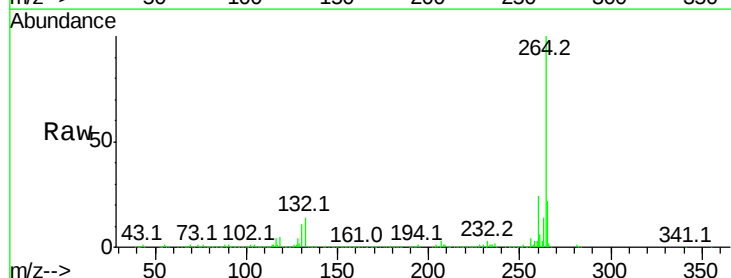
Tgt Ion:264 Resp: 397834

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

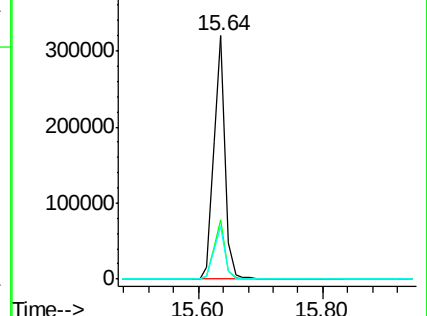
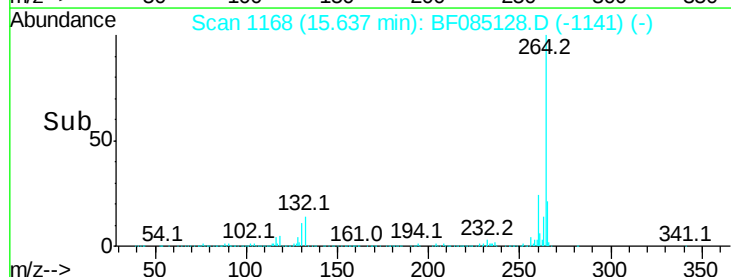
265 21.5 17.4 26.2

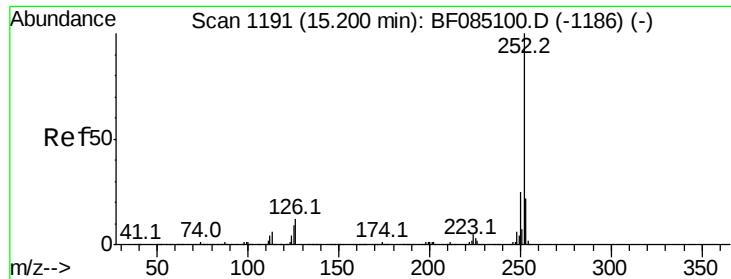


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.45 ng

RT: 15.20 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

Instrument :

BNA_F

ClientSampleId :

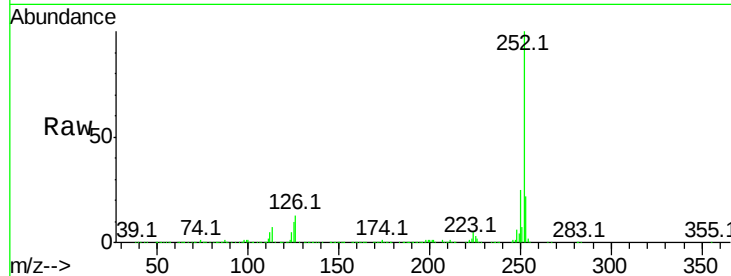
Tot Ion:252 Resp: 834554

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

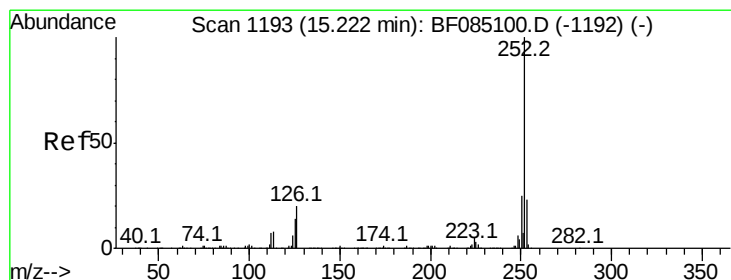
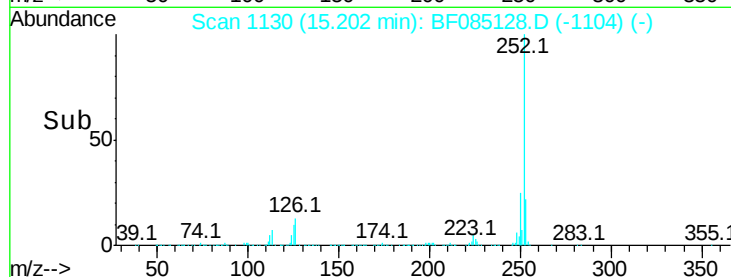
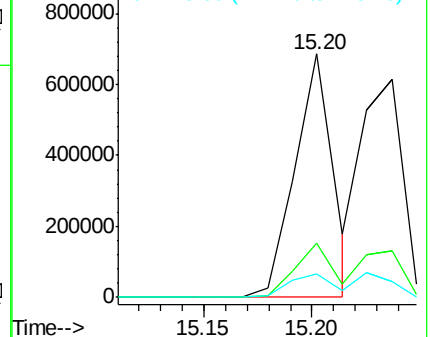
125 9.8 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.78 ng

RT: 15.20 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BF085128.D

Acq: 2 Mar 2016 19:23

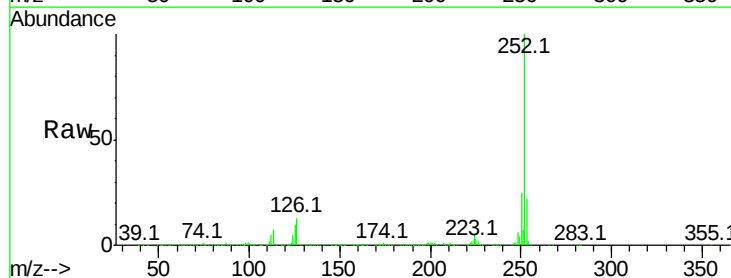
Tgt Ion:252 Resp: 834554

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

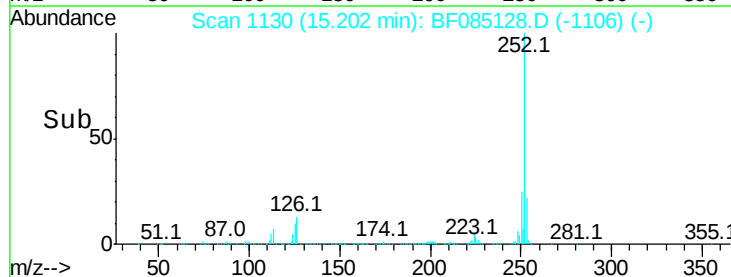
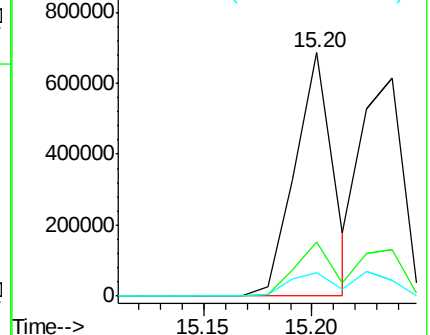
125 9.8 11.1 16.7#

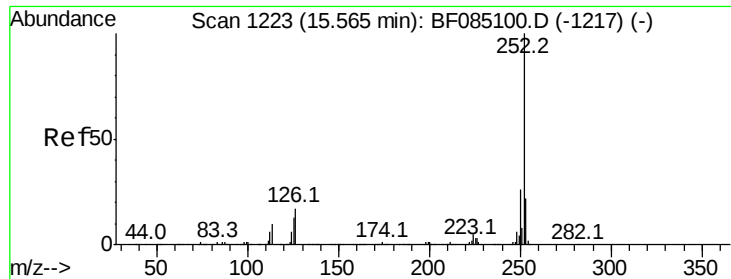


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

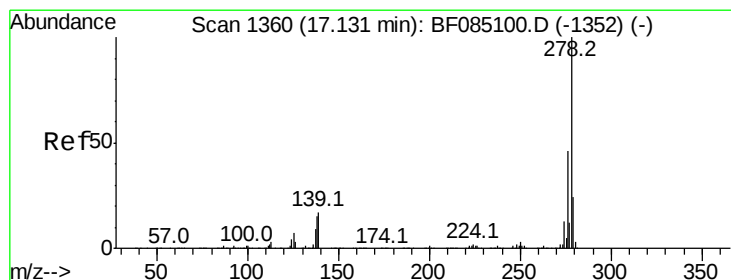
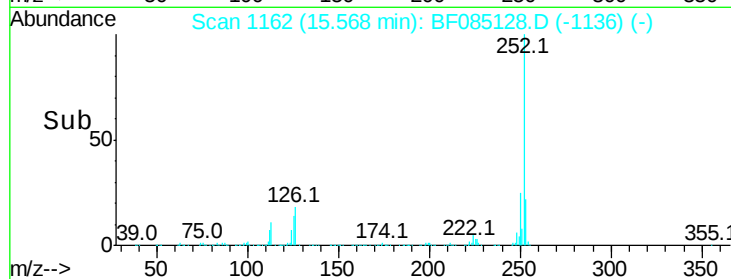
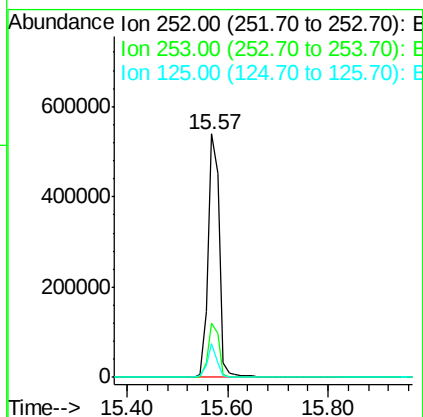
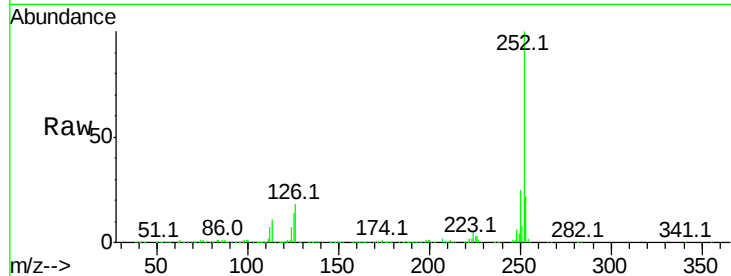




#89
Benzo(a)pyrene
Concen: 40.66 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

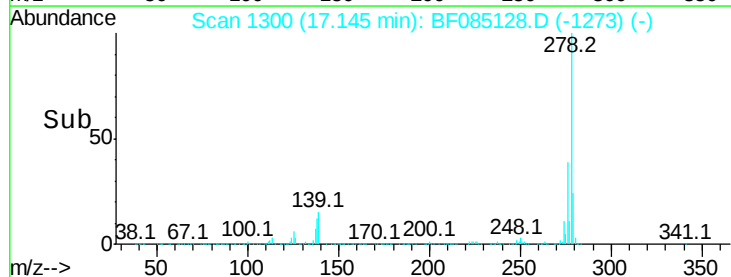
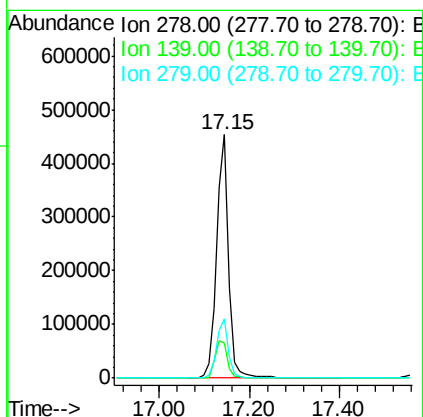
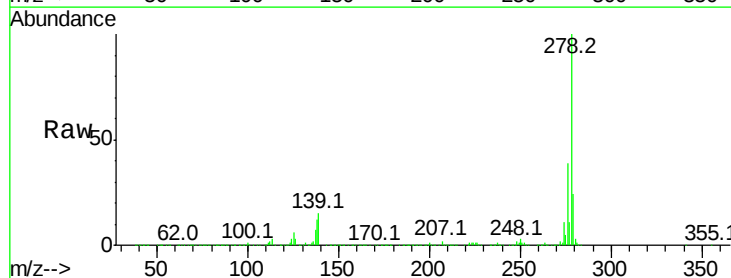
Instrument :
BNA_F
ClientSampleId :

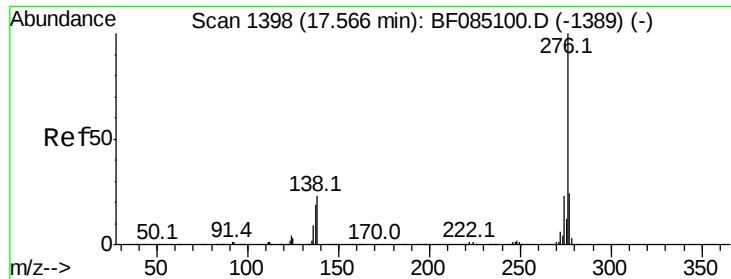
Tot Ion:252 Resp: 828408
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 13.8 10.2 15.2



#90
Dibenzo(a,h)anthracene
Concen: 45.64 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085128.D
Acq: 2 Mar 2016 19:23

Tgt Ion:278 Resp: 837606
Ion Ratio Lower Upper
278 100
139 14.6 13.6 20.4
279 24.2 19.3 28.9

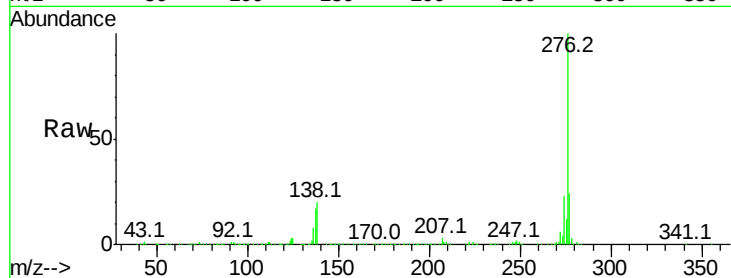




#91
 Benzo(a,h,i)perylene
 Concen: 42.16 ng
 RT: 17.58 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF085128.D
 Acq: 2 Mar 2016 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	20.5	18.1	27.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

