

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032816\
 Data File : BF085848.D
 Acq On : 29 Mar 2016 13:08
 Operator : UM/SJ
 Sample : H1834-08MSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Quant Time: Mar 29 13:47:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126847	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	505581	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	206395	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	355190	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	214345	20.00	ng	0.00
86) Perylene-d12	15.40	264	222289	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	792819	104.09	ng	0.01
7) Phenol-d6	6.46	99	1013760	104.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	644533	71.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	258869	132.01	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	983319	79.60	ng	-0.01
78) Terphenyl-d14	12.93	244	719951	69.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	117031	32.18	ng	98
3) Pyridine	3.16	79	308003	35.32	ng	100
4) n-Nitrosodimethylamine	3.11	42	136449	39.09	ng	100
6) Aniline	6.48	93	316613	24.29	ng	# 90
8) 2-Chlorophenol	6.61	128	335810	37.95	ng	92
9) Benzaldehyde	6.37	77	57040	9.78	ng	93
10) Phenol	6.47	94	372703	33.97	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	329317	39.01	ng	93
12) 1,3-Dichlorobenzene	6.76	146	354562	37.21	ng	# 96
13) 1,4-Dichlorobenzene	6.84	146	366256	37.90	ng	94
14) 1,2-Dichlorobenzene	6.98	146	317170	35.21	ng	96
15) Benzyl Alcohol	6.96	79	244451	37.84	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	389130	34.74	ng	94
17) 2-Methylphenol	7.09	107	275002	38.82	ng	97
18) Hexachloroethane	7.33	117	127763	36.10	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	198927	34.31	ng	94
20) 3+4-Methylphenols	7.24	107	316168	37.12	ng	# 89
22) Acetophenone	7.24	105	440052	37.36	ng	# 96
24) Nitrobenzene	7.41	77	379802	41.04	ng	90
25) Isophorone	7.65	82	660907	38.21	ng	95
26) 2-Nitrophenol	7.73	139	173378	37.45	ng	# 86
27) 2,4-Dimethylphenol	7.76	122	290255	35.86	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	380173	38.58	ng	98
29) 2,4-Dichlorophenol	7.97	162	273740	40.24	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	287895	38.12	ng	95
31) Naphthalene	8.13	128	957898	37.60	ng	99
32) Benzoic acid	7.88	122	88688	16.50	ng	98
33) 4-Chloroaniline	8.17	127	137495	13.22	ng	# 92
34) Hexachlorobutadiene	8.24	225	148643	36.21	ng	99
35) Caprolactam	8.55	113	81428	33.79	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	293402	36.92	ng	89
37) 2-Methylnaphthalene	8.81	142	578244	37.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	249535	40.77	ng	98
40) Hexachlorocyclopentadiene	8.97	237	110522	47.54	ng	98

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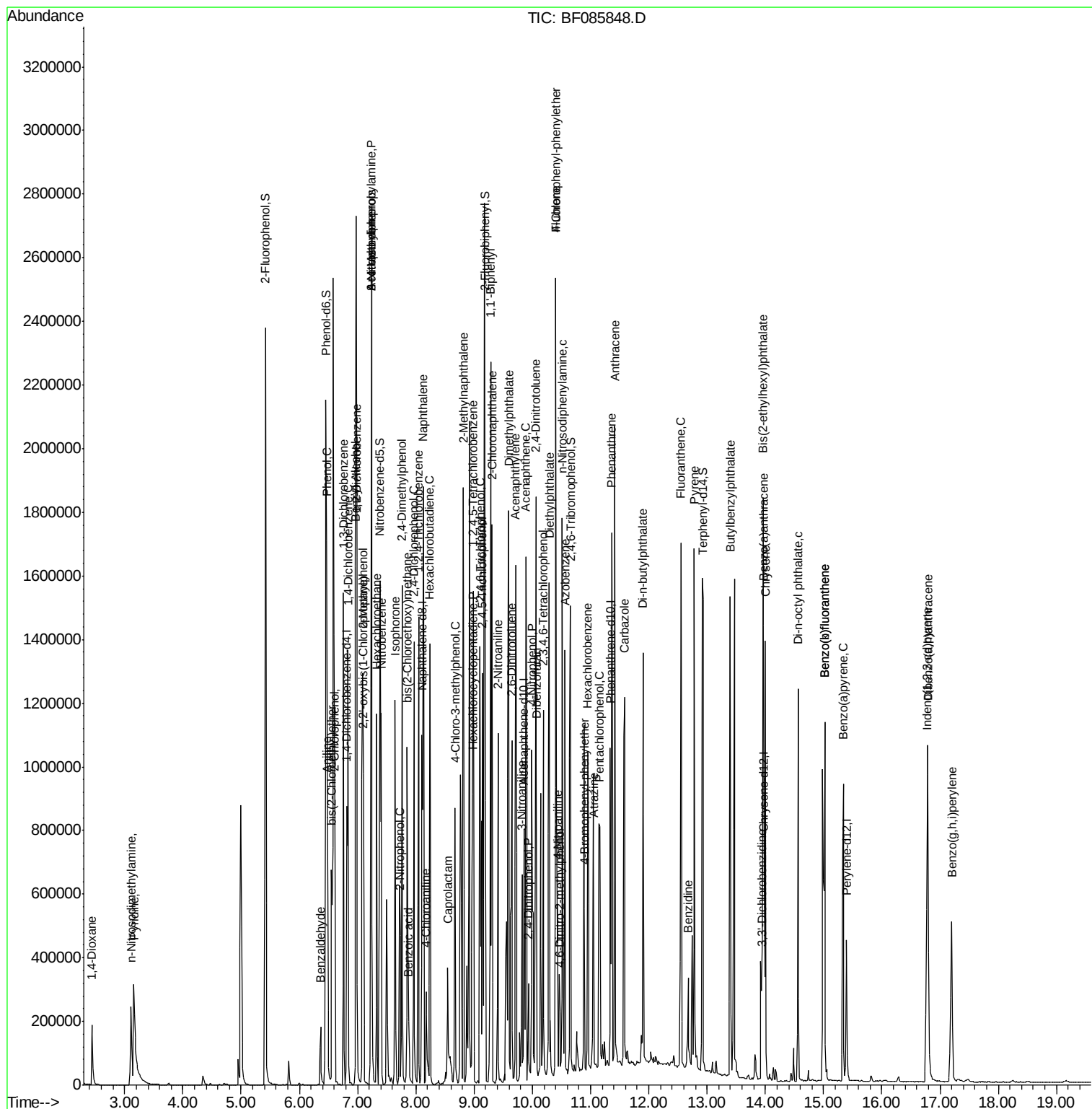
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	173633	42.00	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	182514	42.10	nq	# 88
45) 1,1'-Biphenyl	9.28	154	679974	39.04	nq	97
46) 2-Chloronaphthalene	9.30	162	501847	39.19	nq	# 91
47) 2-Nitroaniline	9.41	65	177856	45.42	nq	98
48) Acenaphthylene	9.72	152	797772	38.23	nq	99
49) Dimethylphthalate	9.59	163	905514	57.83	nq	99
50) 2,6-Dinitrotoluene	9.65	165	125052	37.10	nq	96
51) Acenaphthene	9.89	154	483307	37.92	nq	100
52) 3-Nitroaniline	9.82	138	111204	28.82	nq	89
53) 2,4-Dinitrophenol	9.93	184	57768	37.40	nq	# 70
54) Dibenzofuran	10.07	168	692662	41.99	nq	93
55) 4-Nitrophenol	9.99	139	185464	73.79	nq	99
56) 2,4-Dinitrotoluene	10.06	165	182293	42.55	nq	# 85
57) Fluorene	10.40	166	511572	37.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	135955	45.12	nq	97
59) Diethylphthalate	10.29	149	659198	42.61	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	276993	41.31	nq	# 84
61) 4-Nitroaniline	10.44	138	139916	37.92	nq	97
62) Azobenzene	10.56	77	657595	44.23	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	50019	24.05	nq	# 54
65) n-Nitrosodiphenylamine	10.52	169	457254	40.64	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	147436	40.57	nq	# 83
67) Hexachlorobenzene	10.95	284	152342	40.09	nq	# 68
68) Atrazine	11.05	200	160872	42.35	nq	96
69) Pentachlorophenol	11.16	266	140825	75.48	nq	98
70) Phenanthrene	11.36	178	725169	39.76	nq	99
71) Anthracene	11.42	178	804585	42.02	nq	99
72) Carbazole	11.58	167	670563	41.72	nq	98
73) Di-n-butylphthalate	11.90	149	867641	39.33	nq	99
74) Fluoranthene	12.55	202	640537	33.04	nq	94
76) Benzidine	12.68	184	120705	15.99	nq	98
77) Pyrene	12.78	202	624285	35.43	nq	99
79) Butylbenzylphthalate	13.40	149	305754	41.44	nq	# 86
80) Benzo(a)anthracene	13.97	228	478772	39.17	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	99856	11.77	nq	# 96
82) Chrysene	14.00	228	464815	37.76	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	394570	44.66	nq	# 96
84) Di-n-octyl phthalate	14.56	149	605109	46.06	nq	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	550284	57.89	nq	99
87) Benzo(b)fluoranthene	15.02	252	1000642	71.46	nq	# 97
88) Benzo(k)fluoranthene	15.02	252	1001128	79.30	nq	100
89) Benzo(a)pyrene	15.34	252	495403	39.84	nq	# 97
90) Dibenzo(a,h)anthracene	16.79	278	469346	40.63	nq	99
91) Benzo(g,h,i)perylene	17.20	276	438622	37.50	nq	94

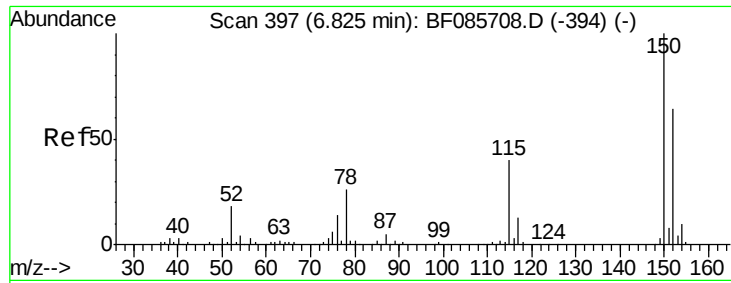
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

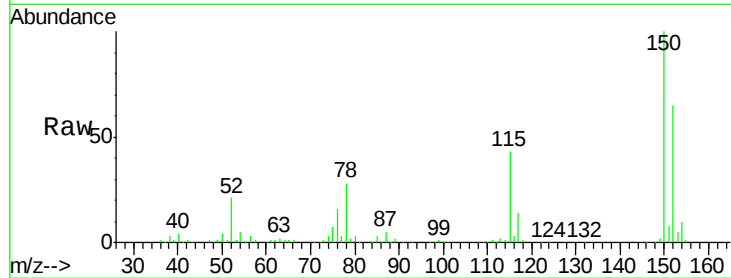
Tot Ion:152 Resp: 126847

Ion Ratio Lower Upper

152 100

150 154.4 124.2 186.2

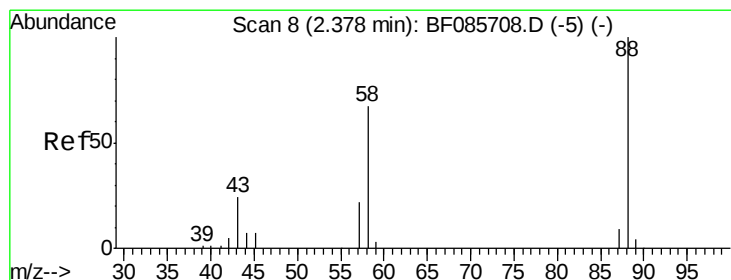
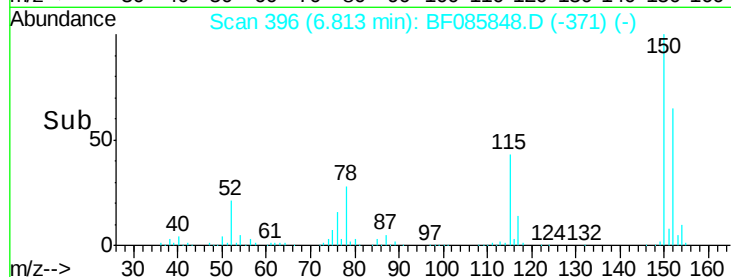
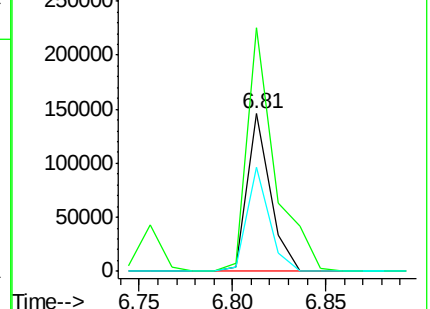
115 65.8 47.0 70.6



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: 32.18 ng

RT: 2.44 min Scan# 13

Delta R.T. 0.06 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

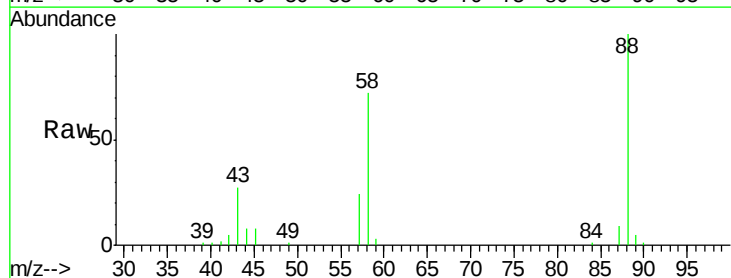
Tgt Ion: 88 Resp: 117031

Ion Ratio Lower Upper

88 100

58 69.6 54.2 81.2

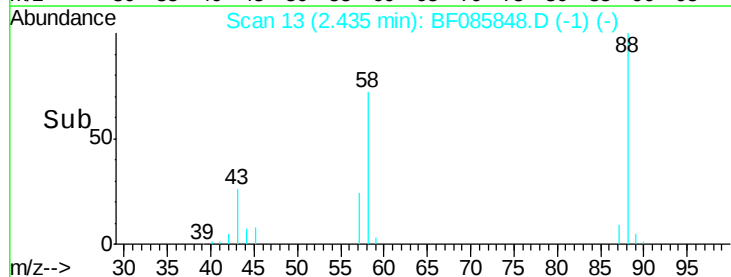
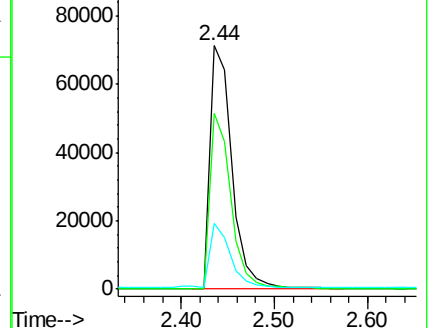
43 24.2 19.3 28.9

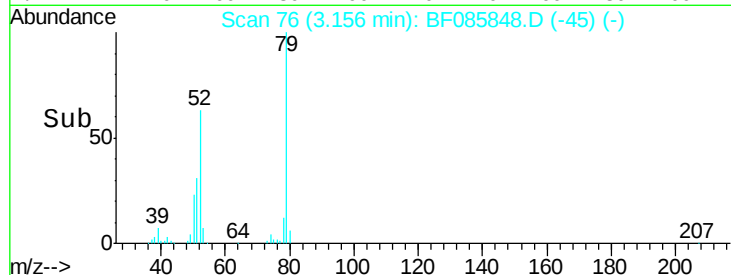
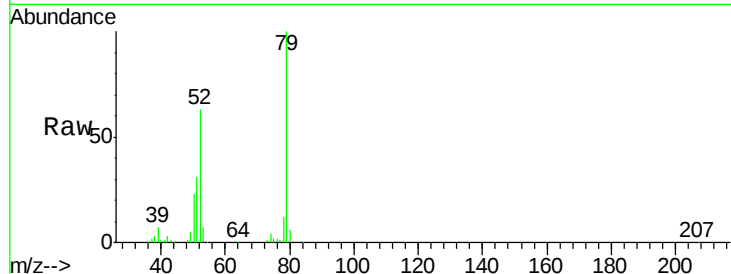


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

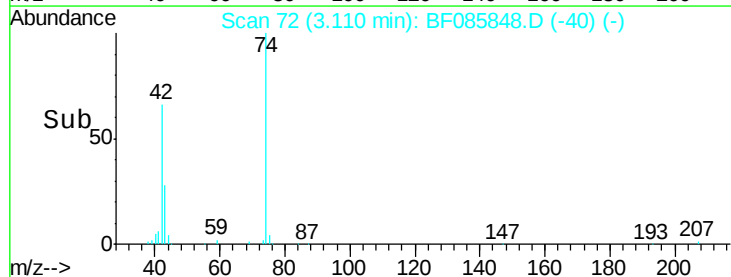
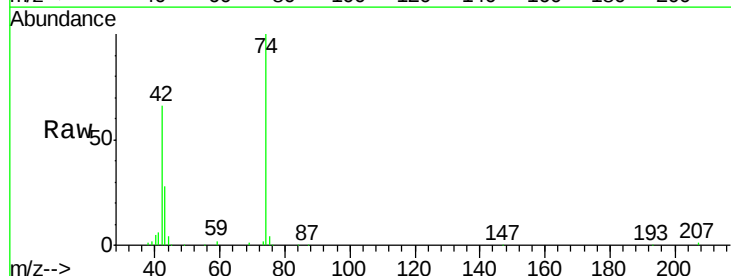
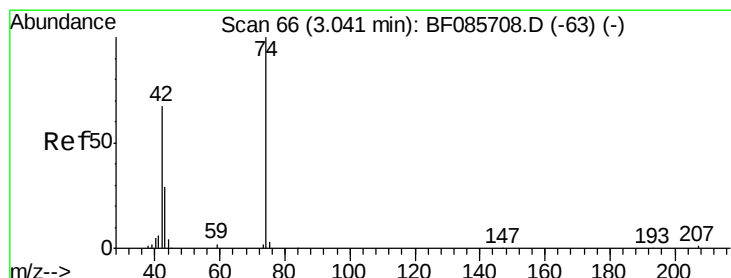
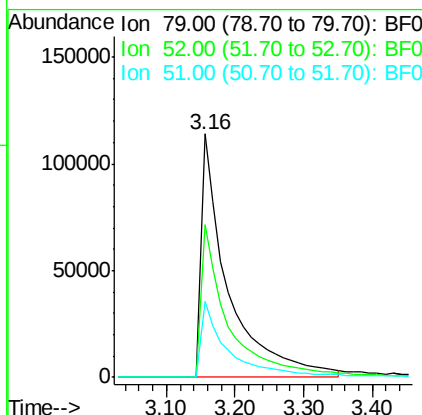




#3
 Pvridine
 Concen: 35.32 ng
 RT: 3.16 min Scan# 76
 Delta R.T. 0.06 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

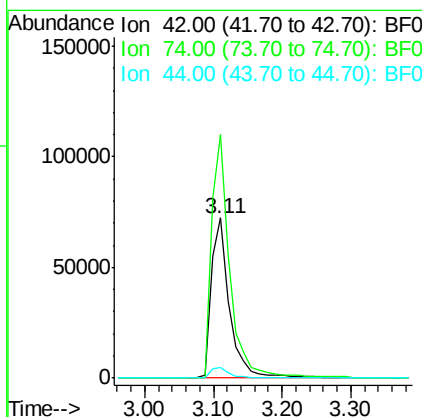
Instrument :
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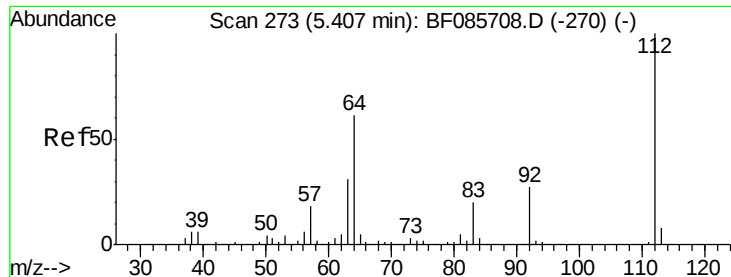
Tot Ion: 79 Resp: 308003
 Ion Ratio Lower Upper
 79 100
 52 62.7 49.8 74.6
 51 31.0 24.7 37.1



#4
 n-Nitrosodimethylamine
 Concen: 39.09 ng
 RT: 3.11 min Scan# 72
 Delta R.T. 0.07 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion: 42 Resp: 136449
 Ion Ratio Lower Upper
 42 100
 74 152.1 121.4 182.2
 44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 104.09 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

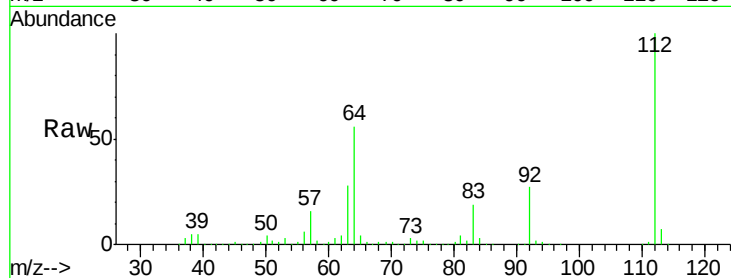
Tot Ion:112 Resp: 792819

Ion Ratio Lower Upper

112 100

64 56.3 39.9 59.9

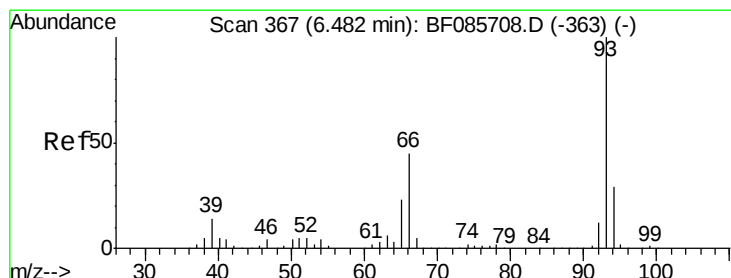
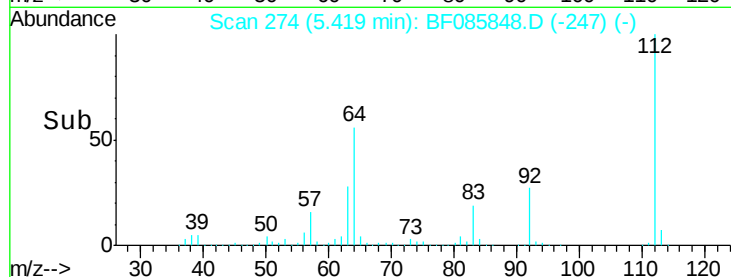
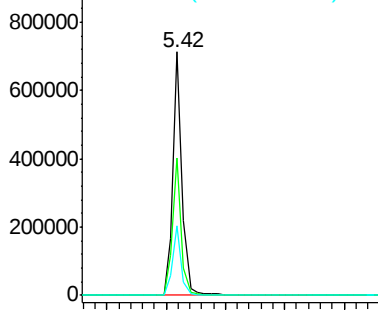
63 28.5 20.2 30.2



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: 24.29 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

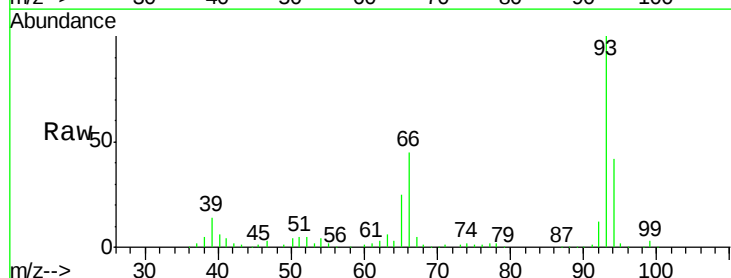
Tgt Ion: 93 Resp: 316613

Ion Ratio Lower Upper

93 100

66 45.0 31.4 47.2

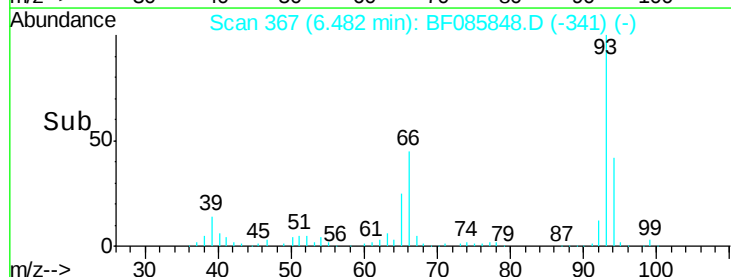
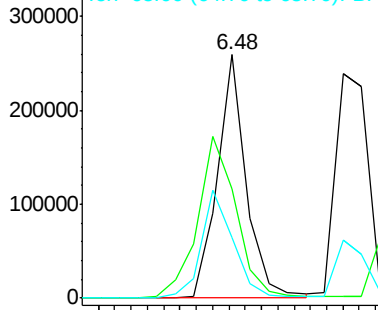
65 24.7 15.7 23.5#

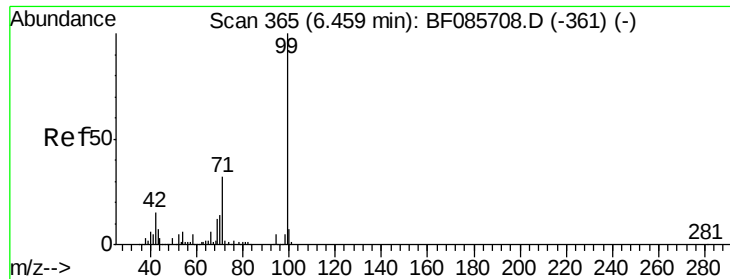


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.69 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

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ClientSampleId :

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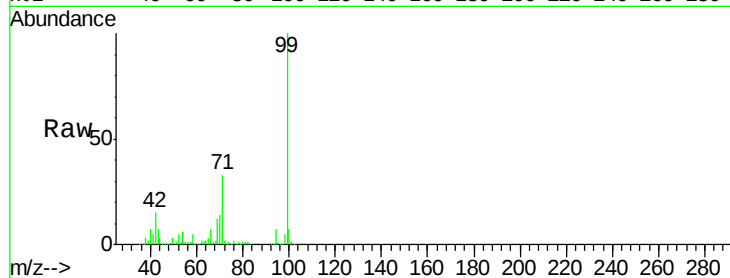
Tot Ion: 99 Resp: 1013760

Ion Ratio Lower Upper

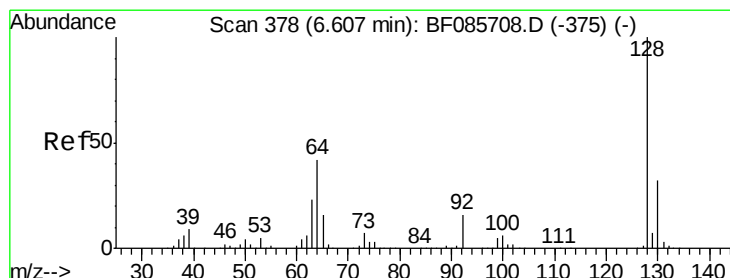
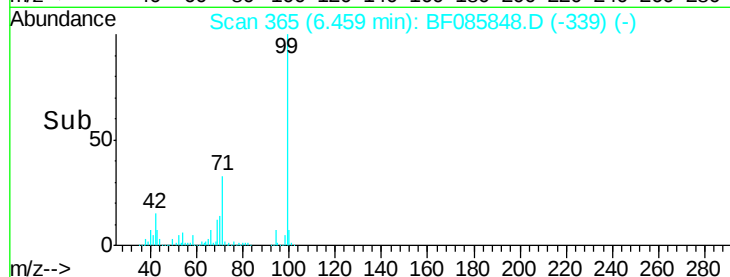
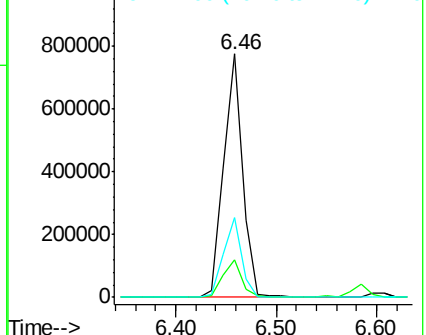
99 100

42 15.2 11.1 16.7

71 32.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.95 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

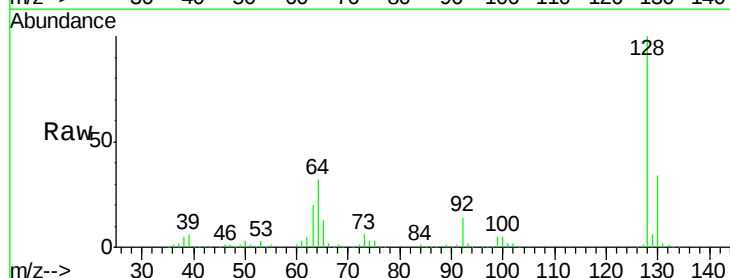
Tgt Ion: 128 Resp: 335810

Ion Ratio Lower Upper

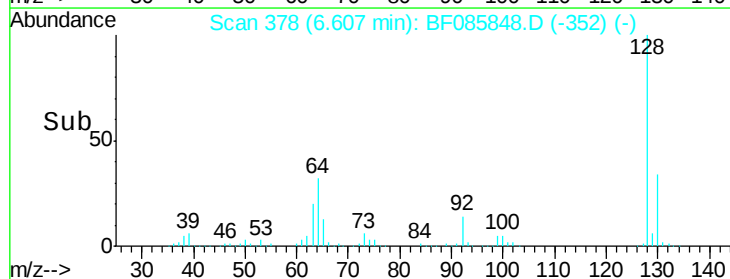
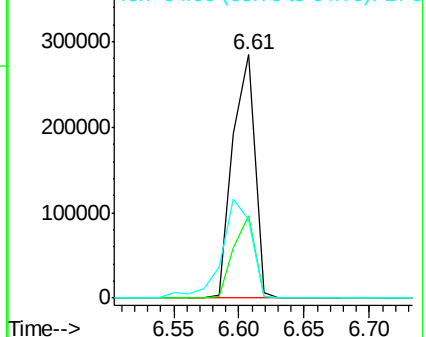
128 100

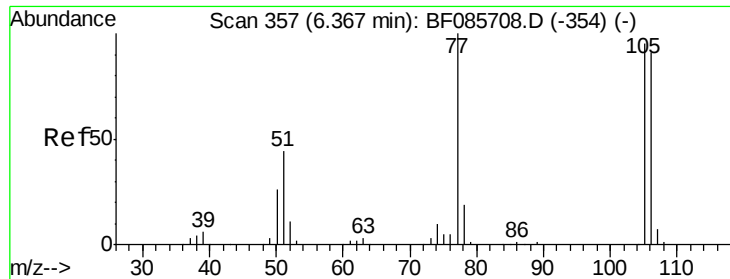
130 33.7 12.9 52.9

64 32.3 20.2 60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

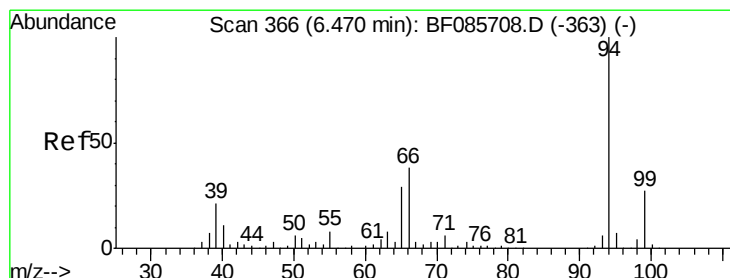
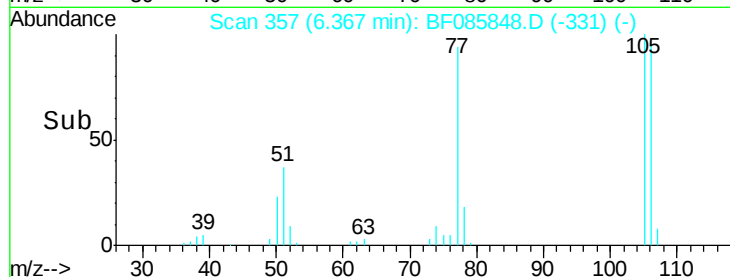
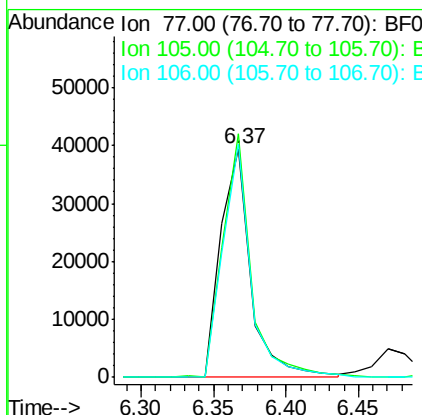
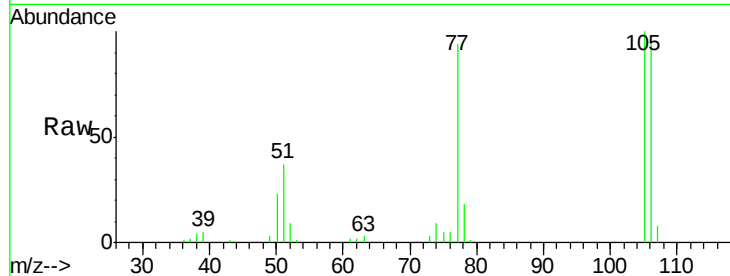




#9
Benzaldehyde
Concen: 9.78 ng
RT: 6.37 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF085848.D
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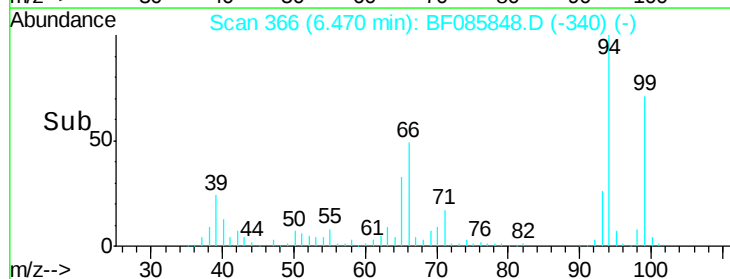
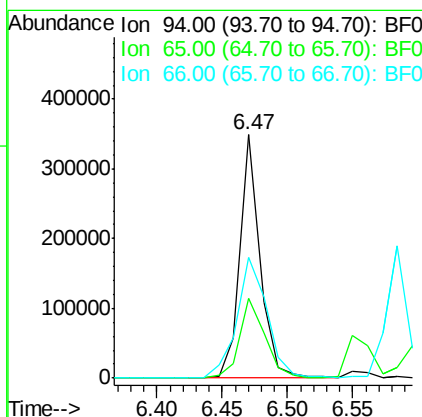
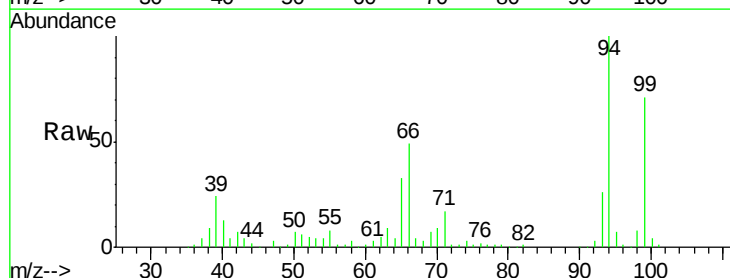
Instrument :
BNA_F
ClientSampled :
13MSD

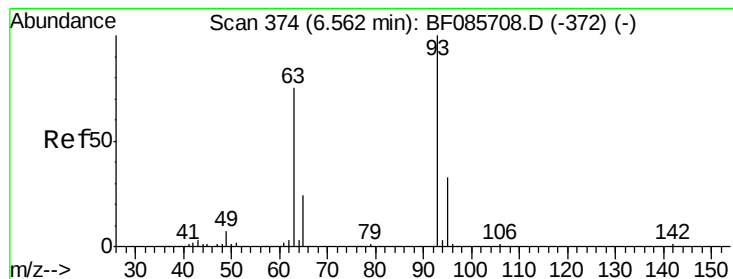
Tot Ion: 77 Resp: 57040
Ion Ratio Lower Upper
77 100
105 106.6 80.1 120.1
106 102.3 75.0 115.0



#10
Phenol
Concen: 33.97 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion: 94 Resp: 372703
Ion Ratio Lower Upper
94 100
65 32.8 8.6 48.6
66 49.4 20.0 60.0

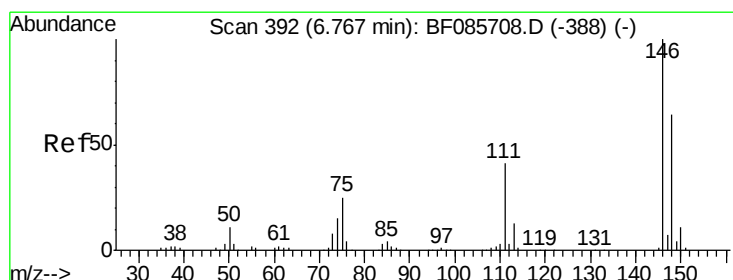
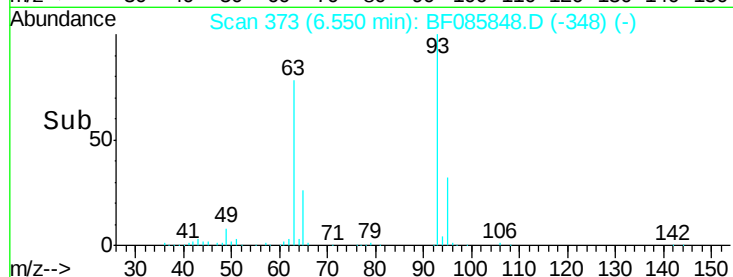
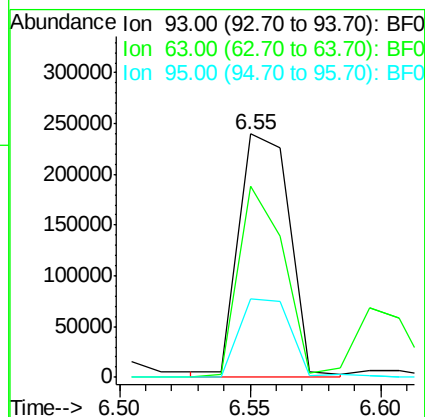
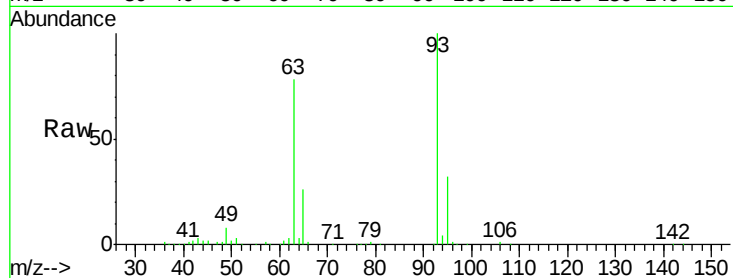




#11
bis(2-Chloroethyl)ether
Concen: 39.01 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

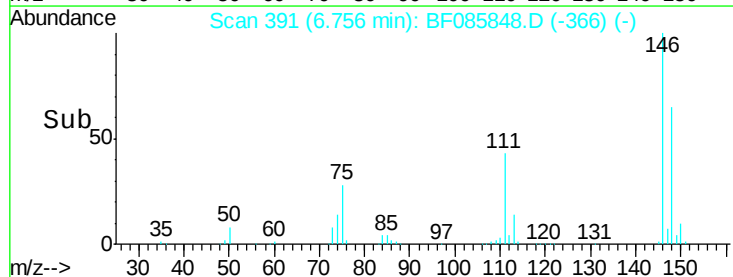
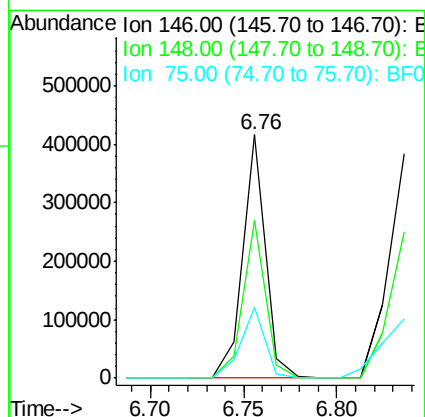
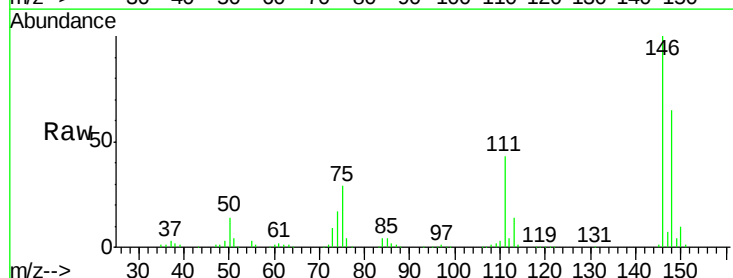
Instrument :
BNA_F
ClientSampleId :
13MSD

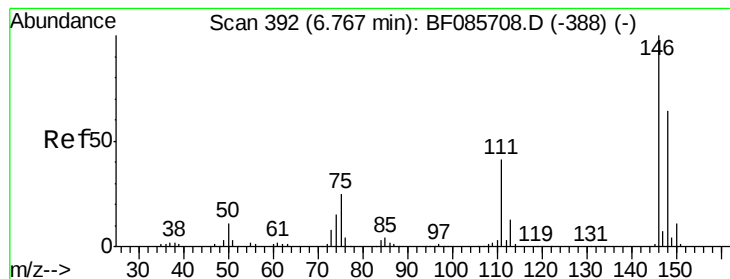
Tot Ion: 93 Resp: 329317
Ion Ratio Lower Upper
93 100
63 78.5 50.9 90.9
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 37.21 ng
RT: 6.76 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion: 146 Resp: 354562
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
75 29.2 17.4 26.2#





#13

1,4-Dichlorobenzene

Concen: 37.90 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

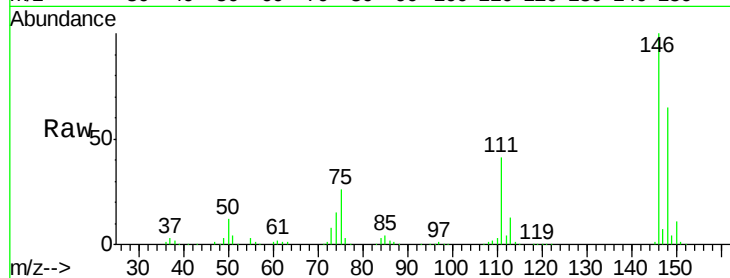
Tot Ion:146 Resp: 366256

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

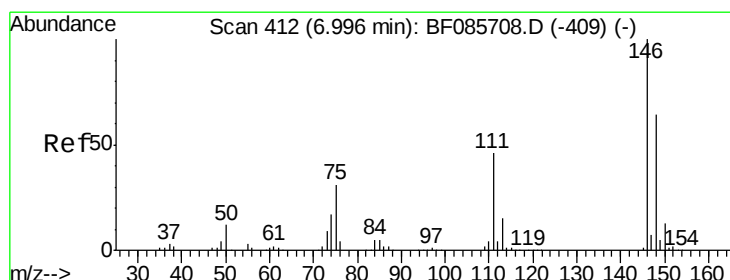
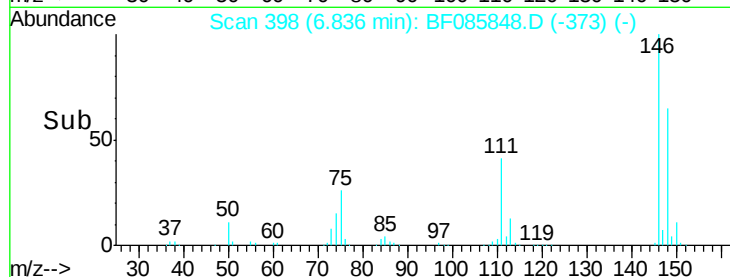
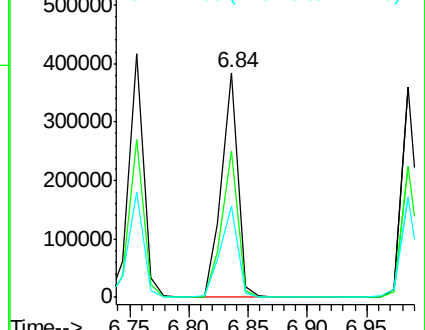
111 40.6 37.8 56.6



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: 35.21 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

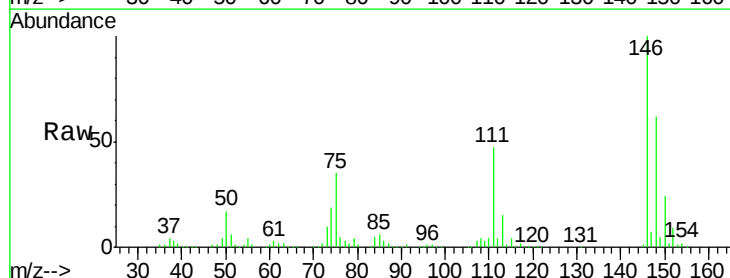
Tgt Ion:146 Resp: 317170

Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

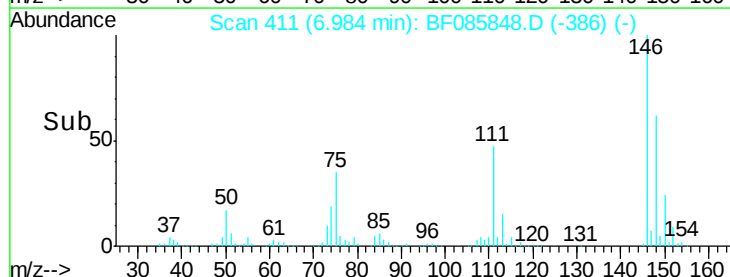
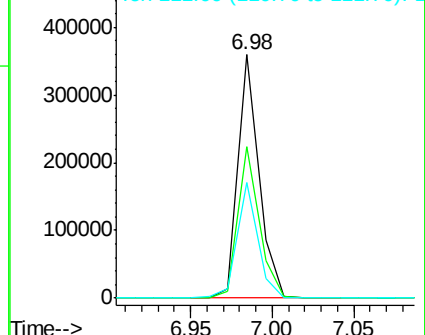
111 47.4 34.6 52.0

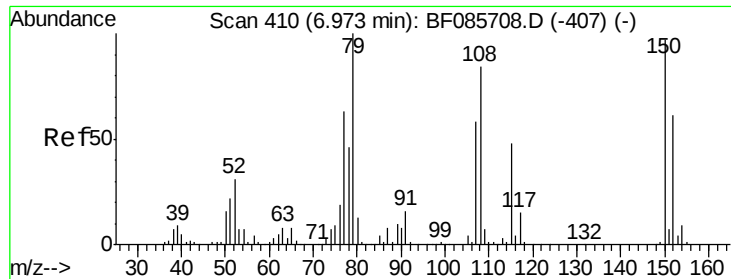


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

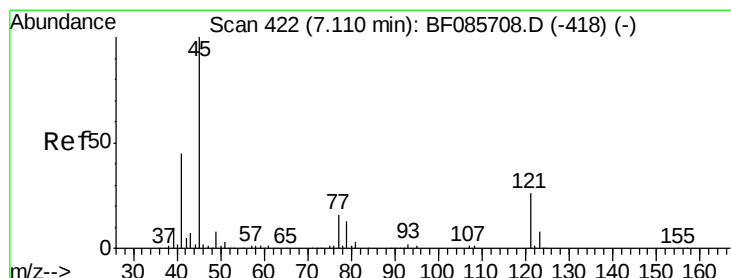
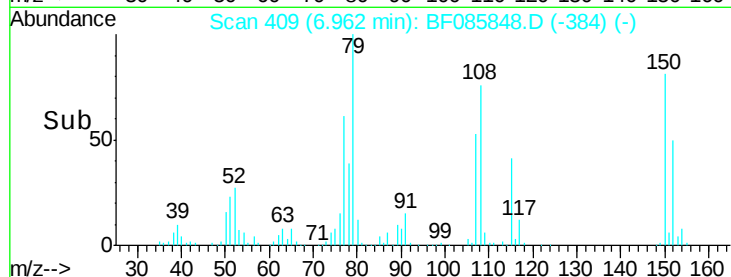
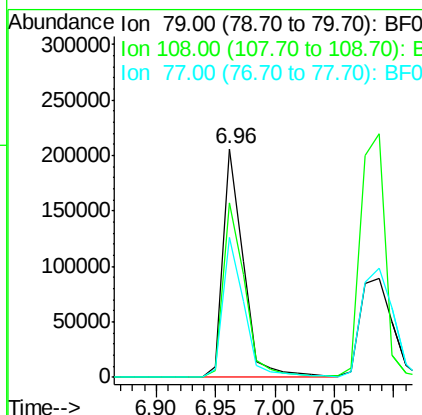
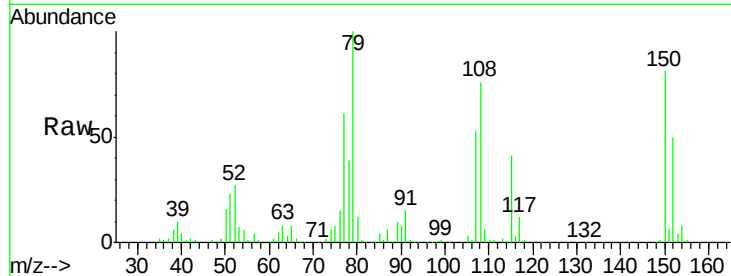




#15
Benzyl Alcohol
Concen: 37.84 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

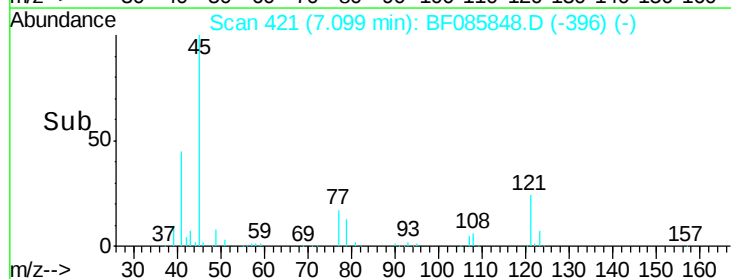
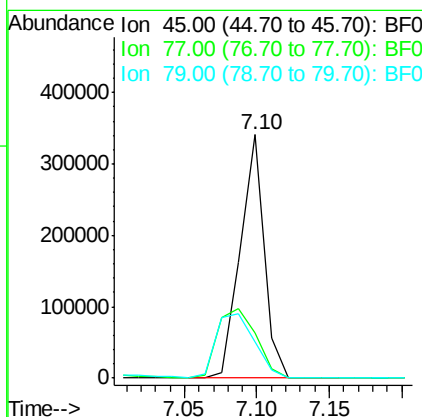
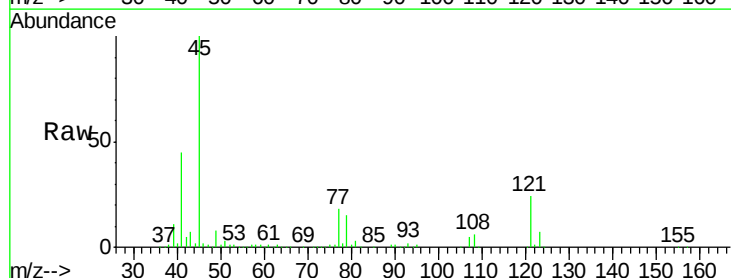
Instrument :
BNA_F
ClientSampled :
13MSD

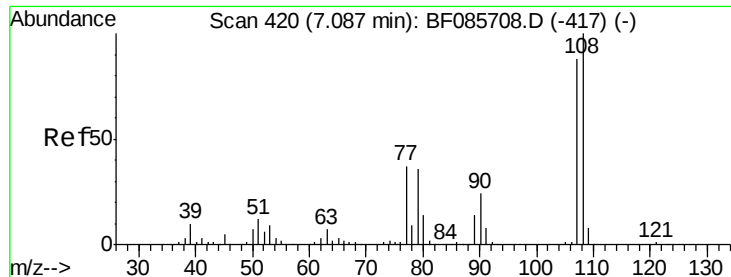
Tot Ion: 79 Resp: 244451
Ion Ratio Lower Upper
79 100
108 76.2 61.8 92.6
77 61.4 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.74 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion: 45 Resp: 389130
Ion Ratio Lower Upper
45 100
77 18.3 0.0 35.7
79 14.7 0.0 32.2

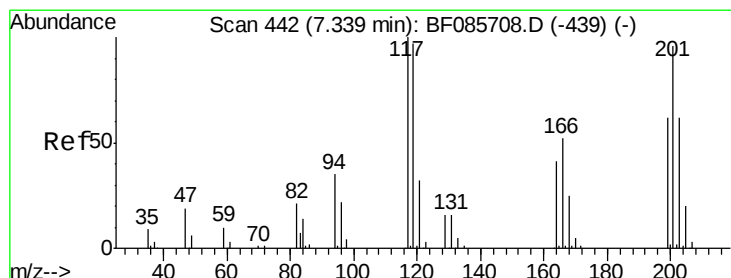
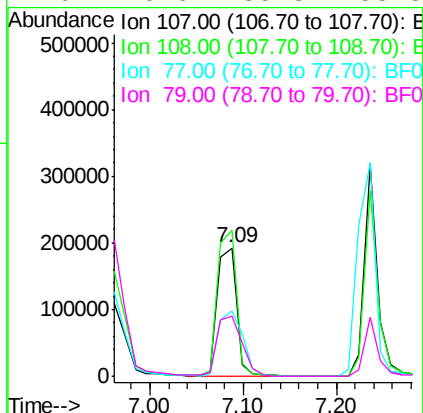
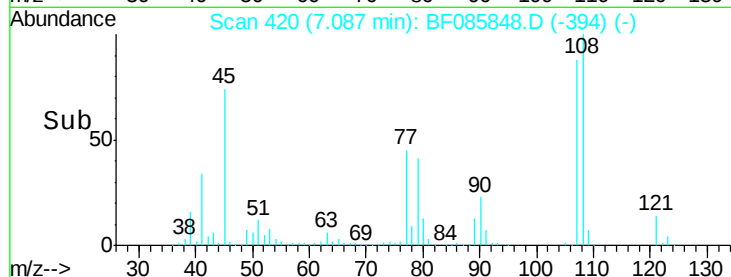
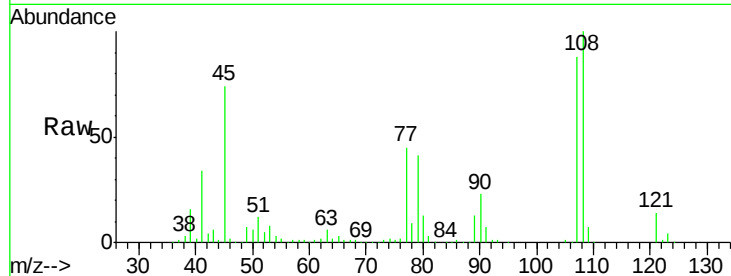




#17
2-Methylphenol
Concen: 38.82 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

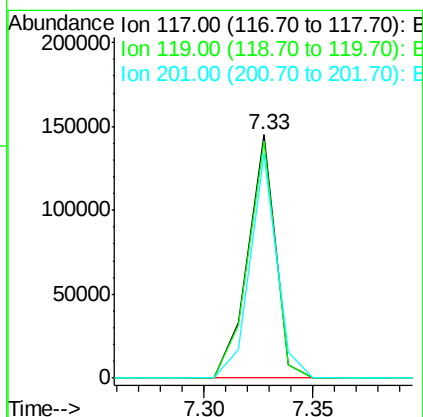
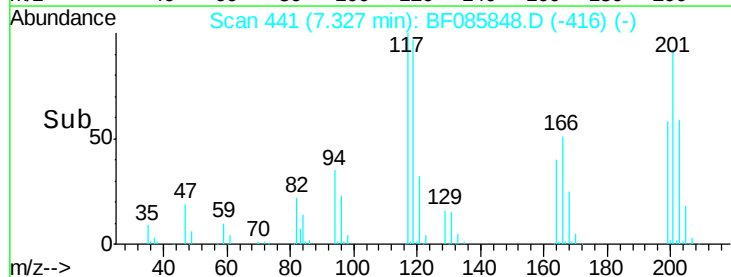
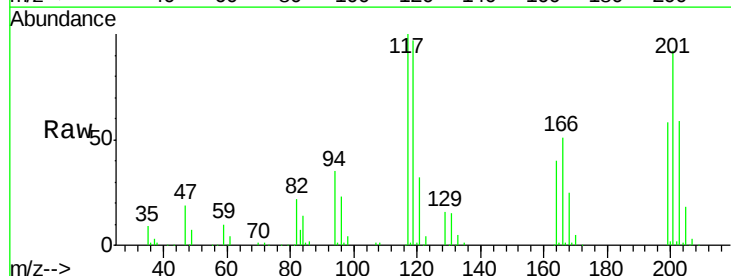
Instrument :
BNA_F
ClientSampleId :
13MSD

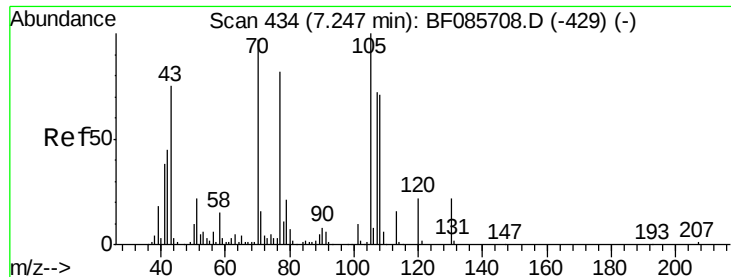
Tot Ion:	107	Resp:	275002
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.4	137.0
77	50.9	36.2	54.2
79	46.6	35.8	53.8



#18
Hexachloroethane
Concen: 36.10 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:	117	Resp:	127763
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
201	92.4	83.3	124.9





#19

n-Nitroso-di-n-propylamine

Concen: 34.31 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

Tot Ion: 70 Resp: 198927

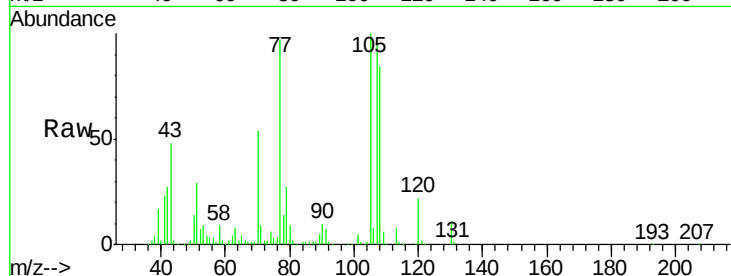
Ion Ratio Lower Upper

70 100

42 50.3 37.1 55.7

101 9.8 8.6 12.8

130 20.7 19.6 29.4

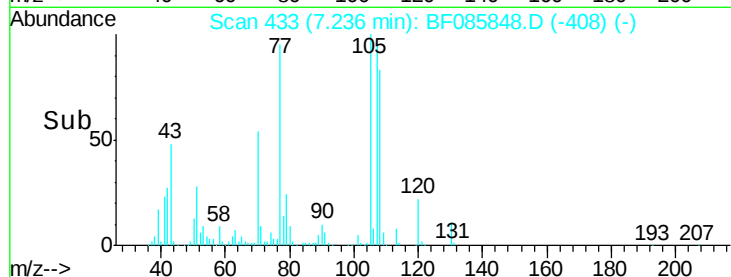
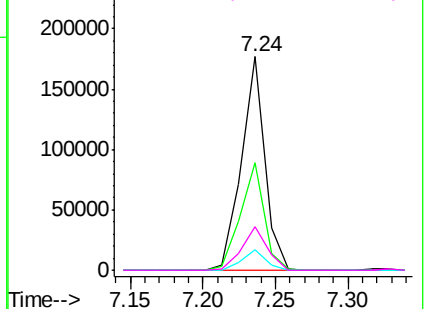


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 37.12 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion: 107 Resp: 316168

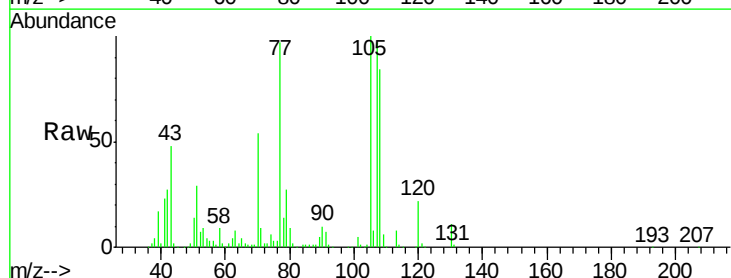
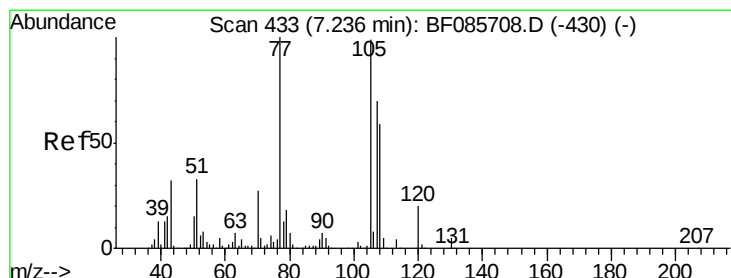
Ion Ratio Lower Upper

107 100

108 87.1 69.3 109.3

77 100.4 101.7 141.7#

79 27.6 8.3 48.3

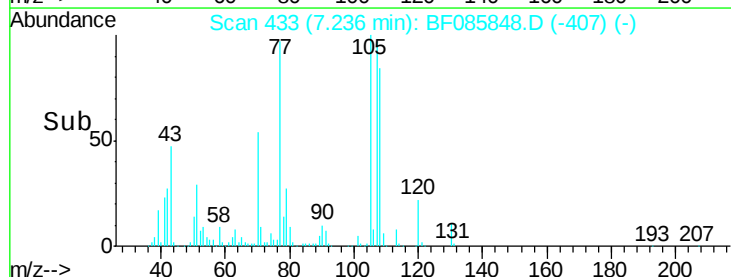
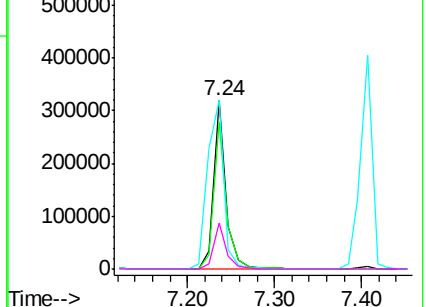


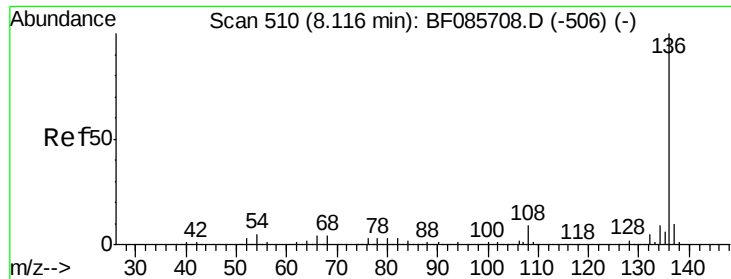
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

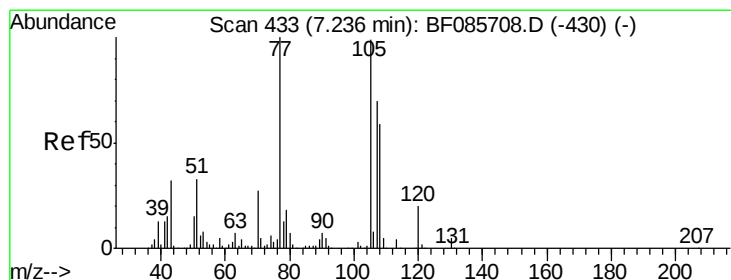
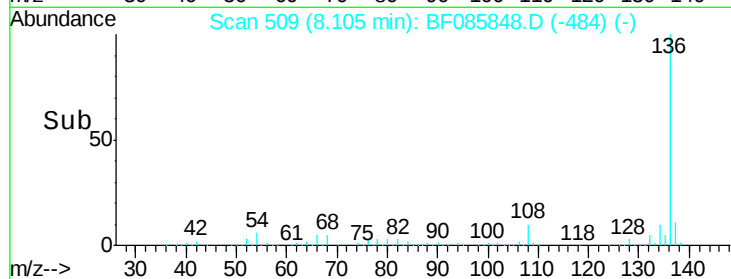
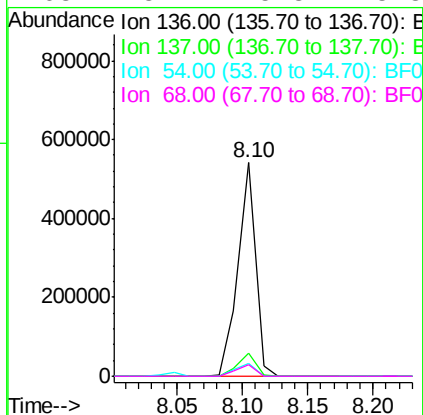
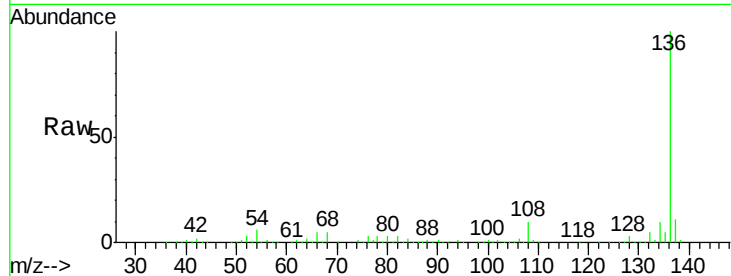




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

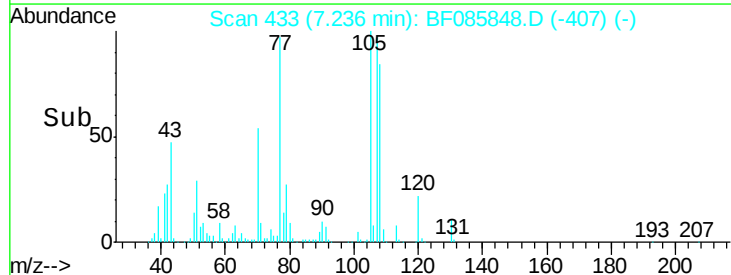
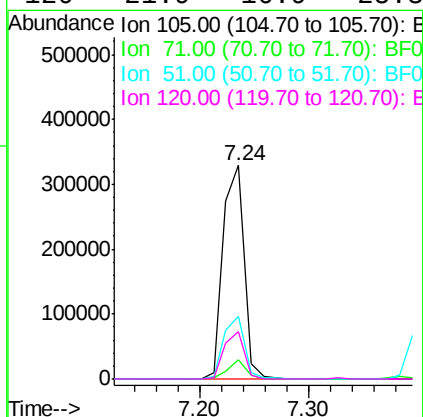
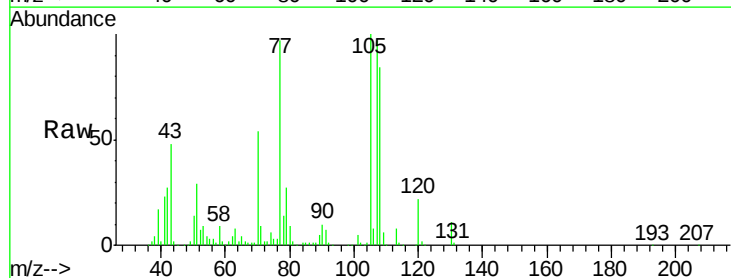
Instrument :
BNA_F
ClientSampleId :
13MSD

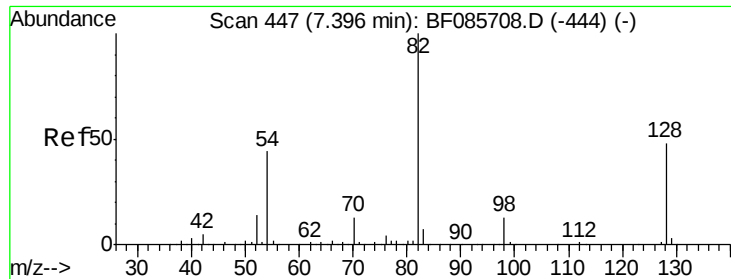
Tot Ion:136	Resp: 505581
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 6.0	7.4 11.0#
68 5.4	5.8 8.8#



#22
Acetophenone
Concen: 37.36 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:105	Resp: 440052
Ion Ratio	Lower Upper
105 100	
71 9.2	3.6 5.4#
51 29.2	25.4 38.0
120 21.9	16.9 25.3

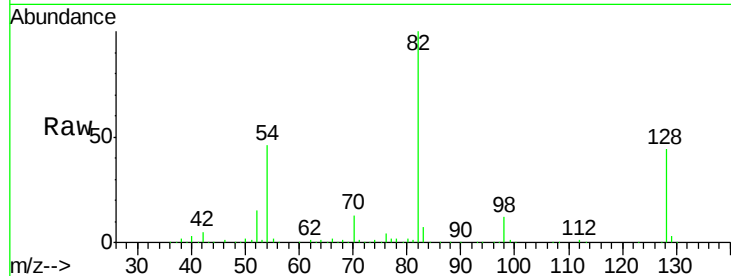




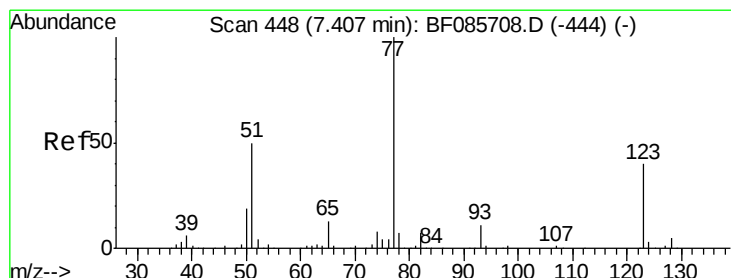
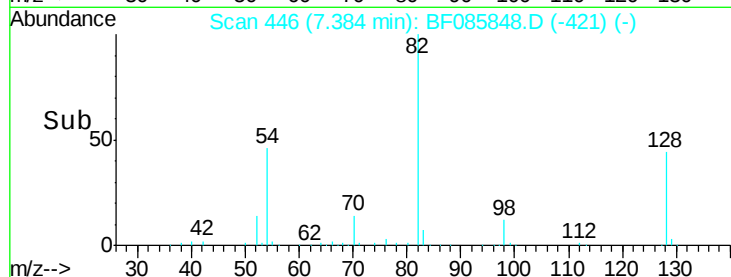
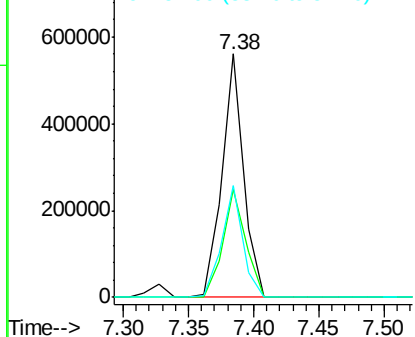
#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleID :
 13MSD

Tot Ion: 82 Resp: 644533
 Ion Ratio Lower Upper
 82 100
 128 44.3 41.8 62.8
 54 46.1 33.4 50.0

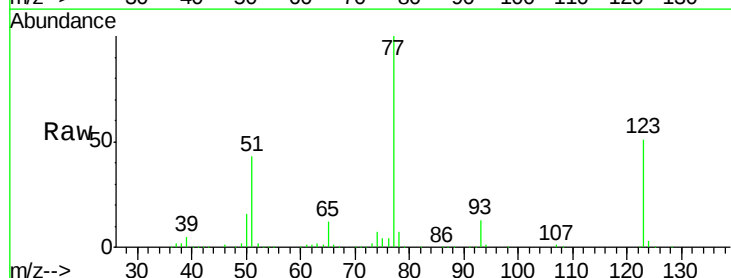


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

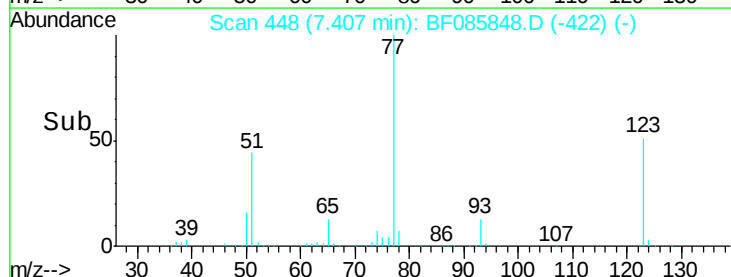
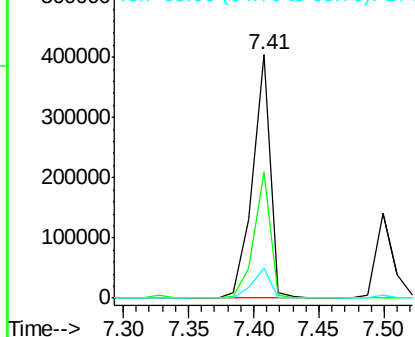


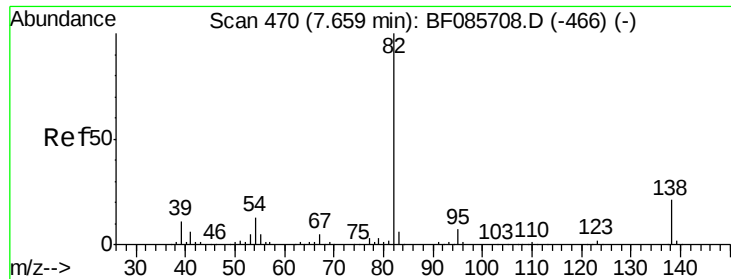
#24
 Nitrobenzene
 Concen: 41.04 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion: 77 Resp: 379802
 Ion Ratio Lower Upper
 77 100
 123 51.4 35.0 52.4
 65 12.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.21 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

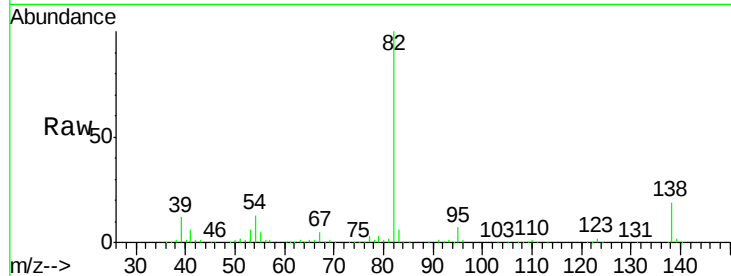
Tot Ion: 82 Resp: 660907

Ion Ratio Lower Upper

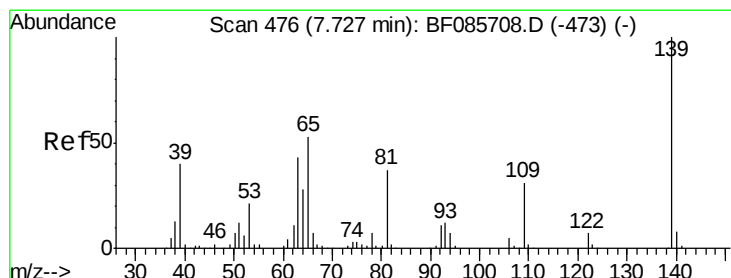
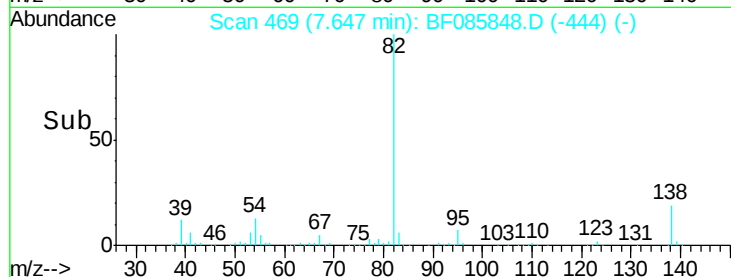
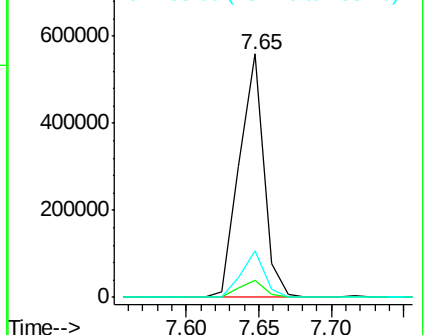
82 100

95 7.2 5.4 8.2

138 19.1 12.9 19.3



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: 37.45 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

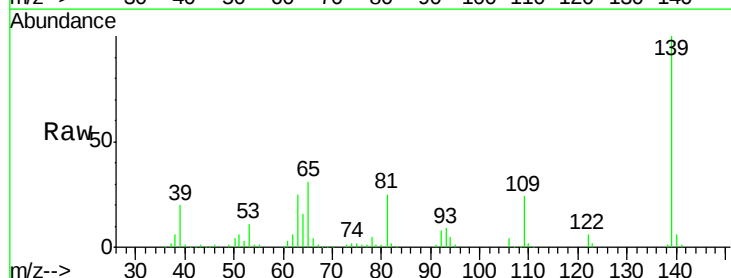
Tgt Ion: 139 Resp: 173378

Ion Ratio Lower Upper

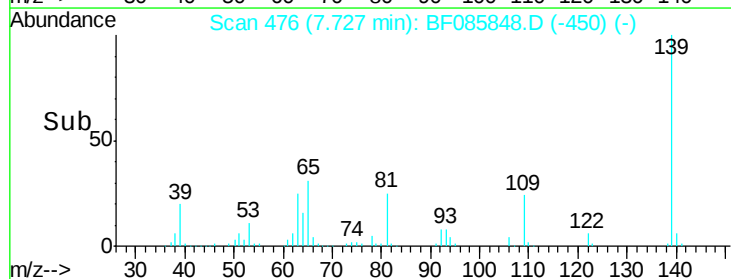
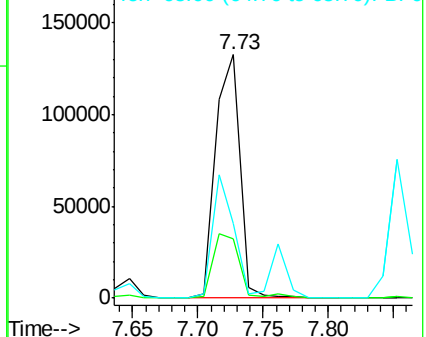
139 100

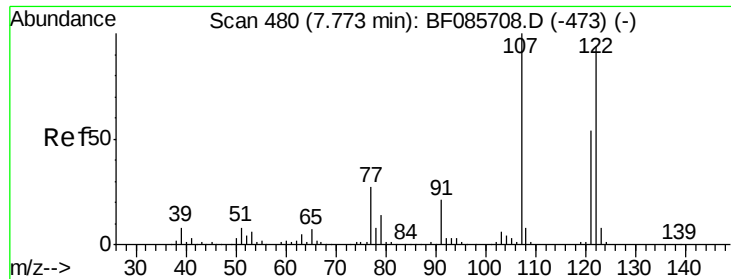
109 24.3 22.1 33.1

65 30.9 33.9 50.9#



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





#27

2,4-Dimethylphenol

Concen: 35.86 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

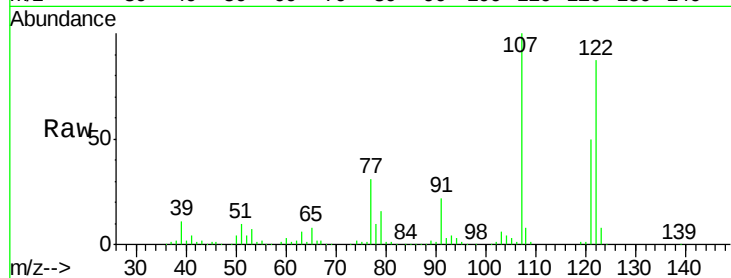
Tot Ion:122 Resp: 290255

Ion Ratio Lower Upper

122 100

107 115.4 93.0 139.6

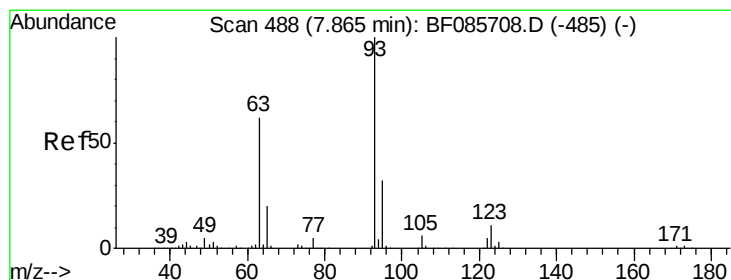
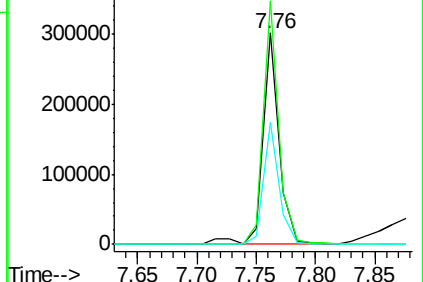
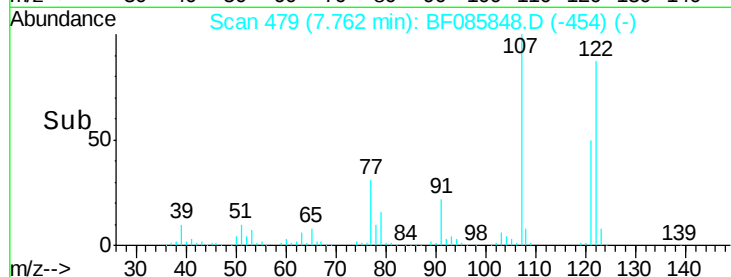
121 57.9 45.9 68.9



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: 38.58 ng

RT: 7.85 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

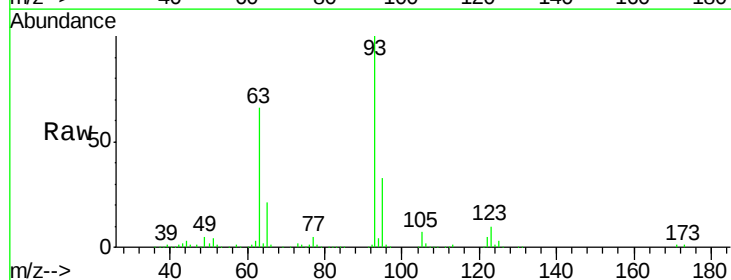
Tgt Ion: 93 Resp: 380173

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

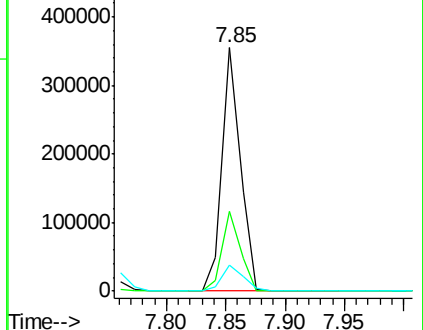
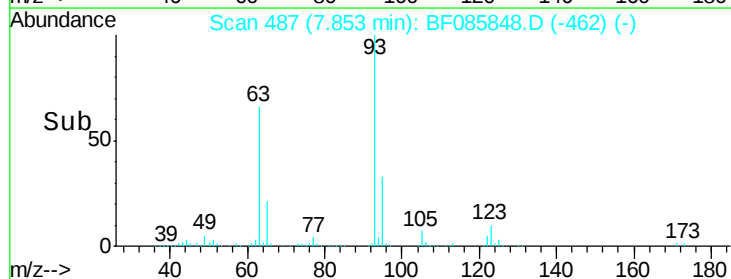
123 10.4 9.8 14.6

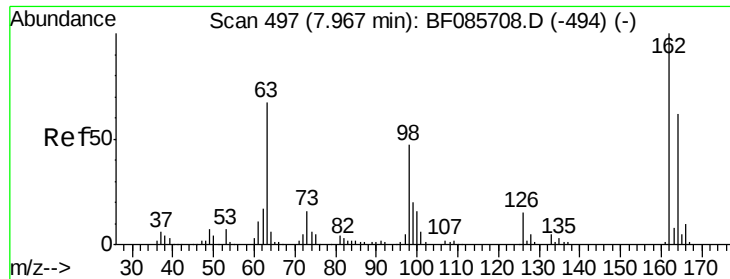


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

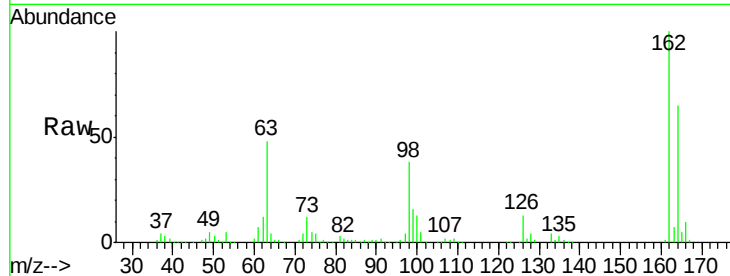




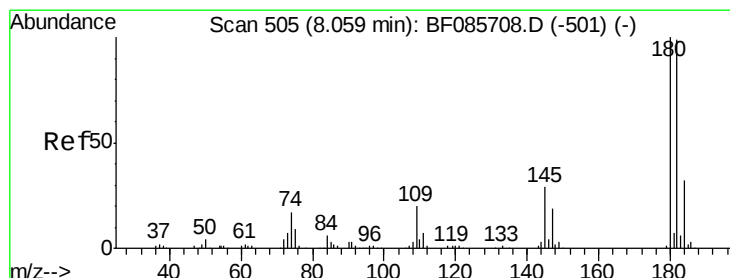
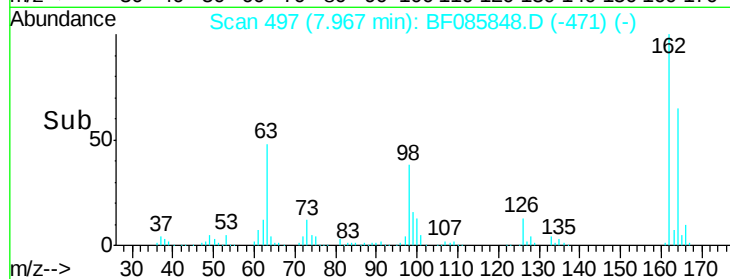
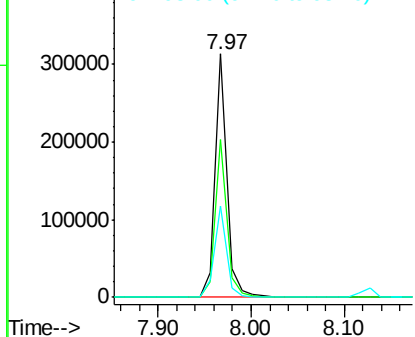
#29
 2,4-Dichlorophenol
 Concen: 40.24 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.7	83.7
98	37.5	20.4	60.4

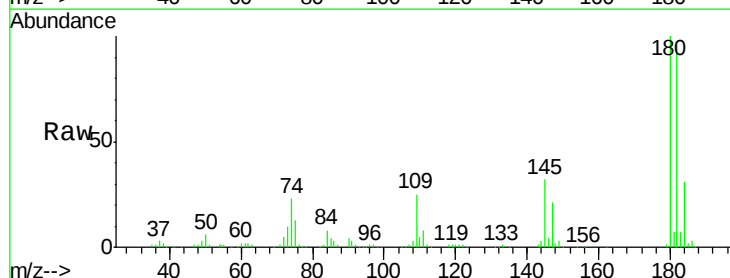


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

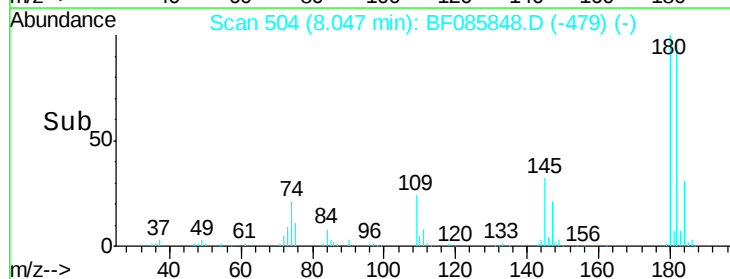
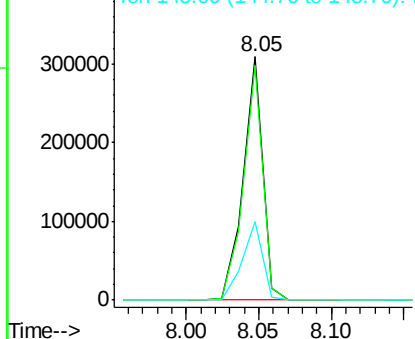


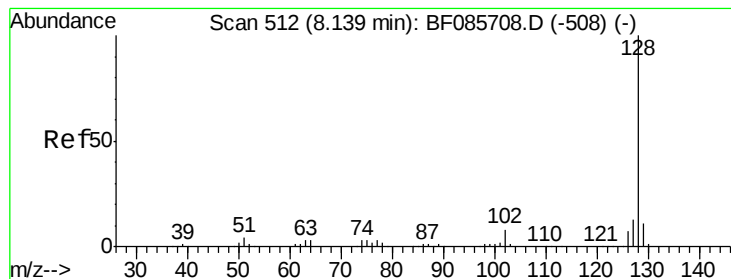
#30
 1,2,4-Trichlorobenzene
 Concen: 38.12 ng
 RT: 8.05 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	32.1	28.4	42.6



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: 37.60 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

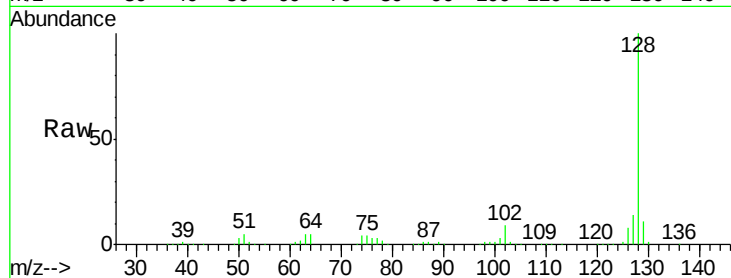
Tot Ion:128 Resp: 957898

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

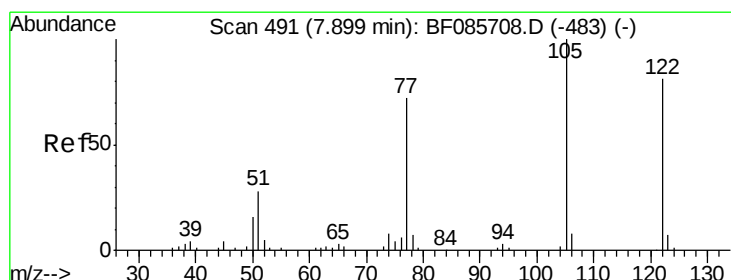
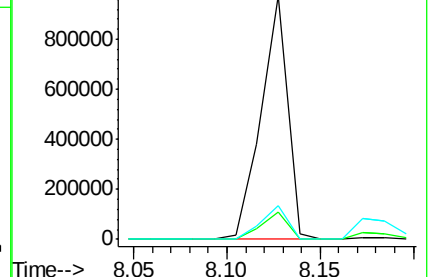
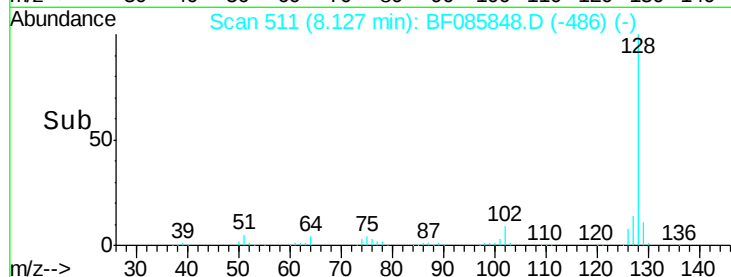
127 13.7 11.0 16.6



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: 16.50 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

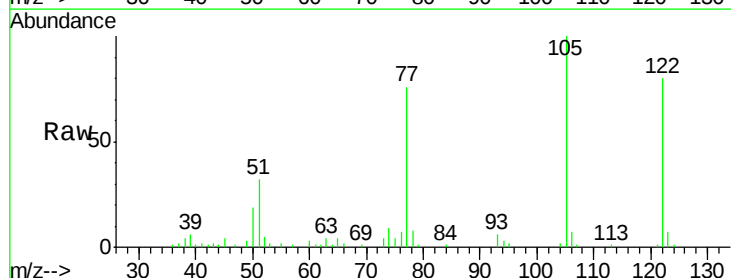
Tgt Ion:122 Resp: 88688

Ion Ratio Lower Upper

122 100

105 124.6 102.9 142.9

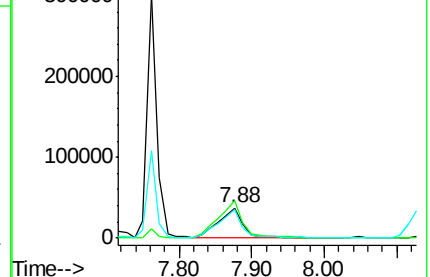
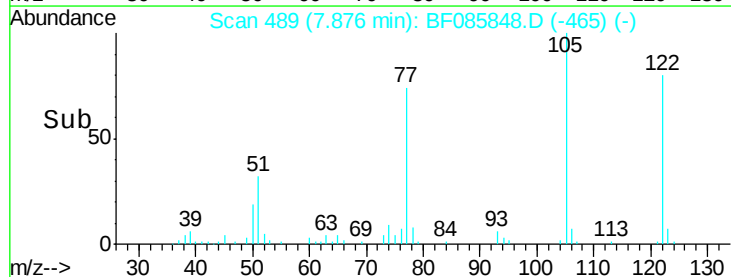
77 94.3 71.8 111.8



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

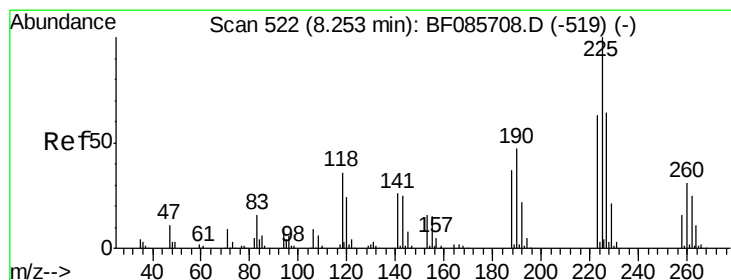
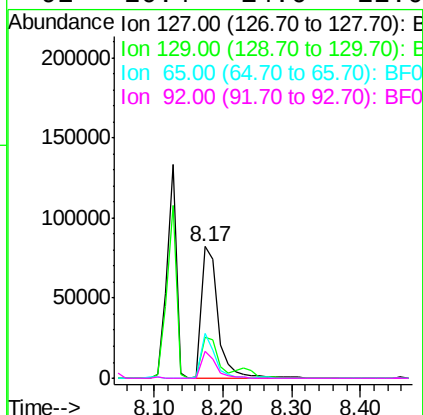
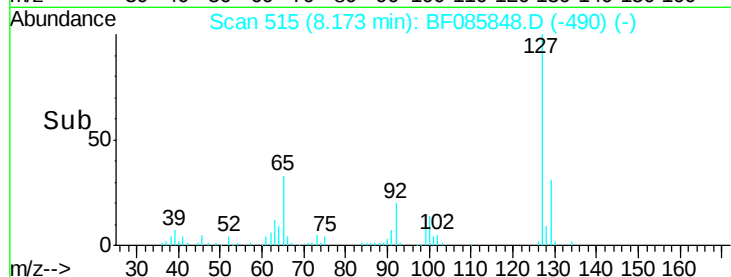
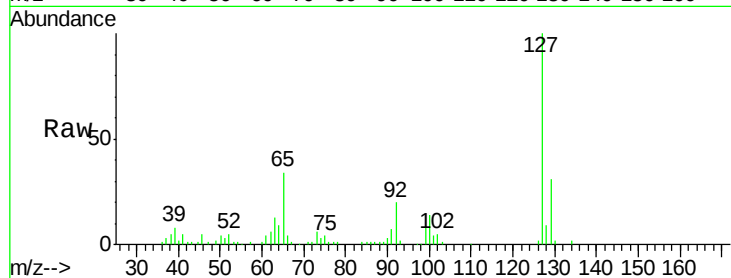




#33
4-Chloroaniline
Concen: 13.22 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

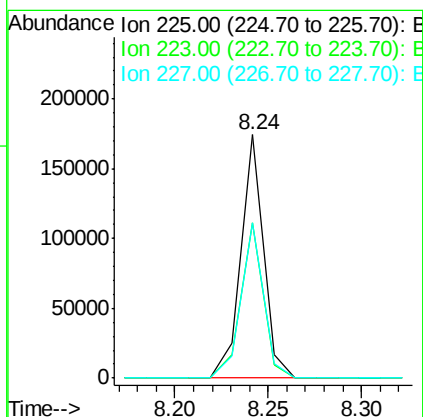
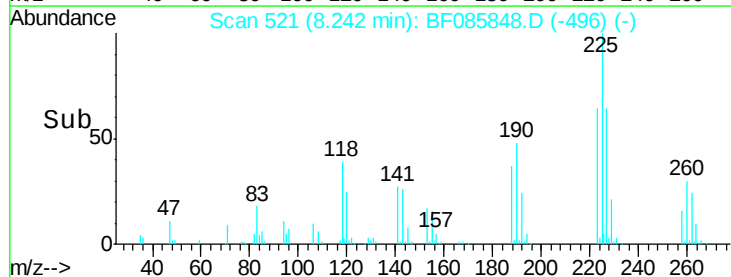
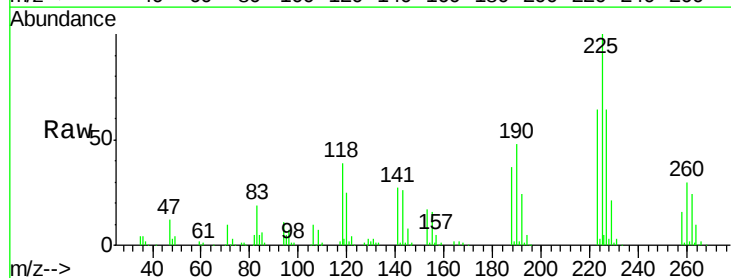
Instrument :
BNA_F
ClientSampled :
13MSD

Tot Ion:	127	Resp:	137495
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	34.1	19.5	29.3
92	20.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 36.21 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:	225	Resp:	148643
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	63.9	51.4	77.2





#35

Caprolactam

Concen: 33.79 ng

RT: 8.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

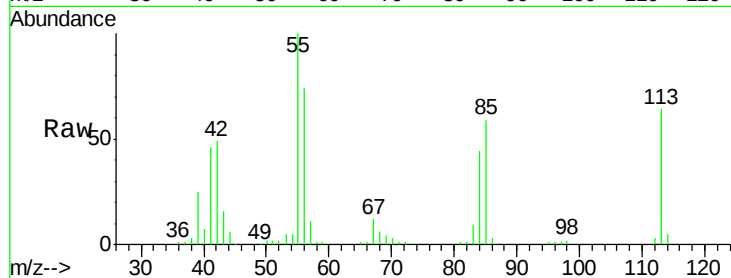
Tot Ion:113 Resp: 81428

Ion Ratio Lower Upper

113 100

55 157.1 139.4 179.4

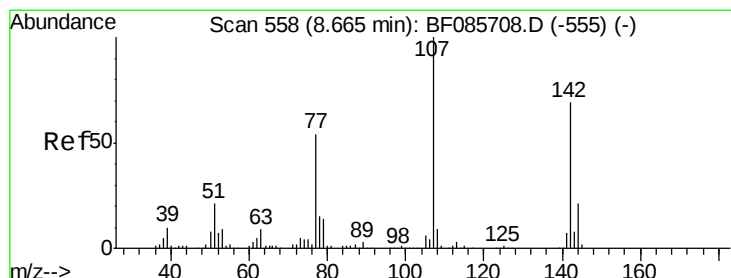
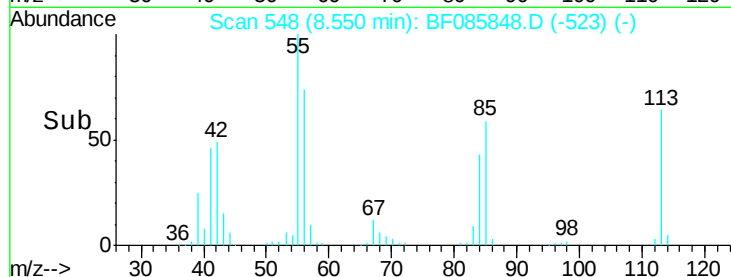
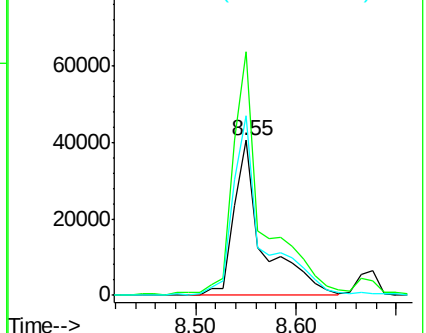
56 116.2 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.92 ng

RT: 8.68 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

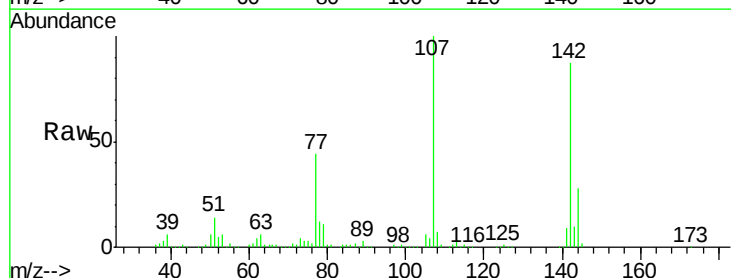
Tgt Ion:107 Resp: 293402

Ion Ratio Lower Upper

107 100

144 28.4 19.3 28.9

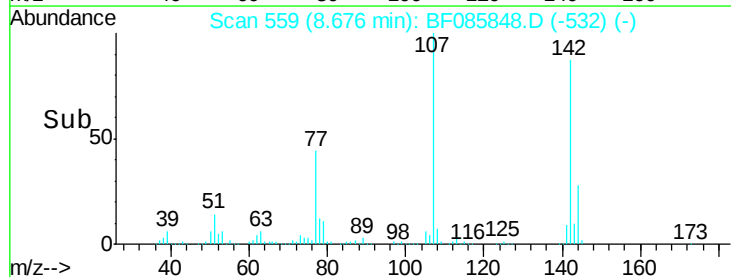
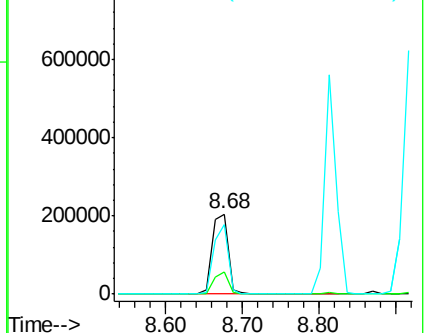
142 87.1 61.4 92.0

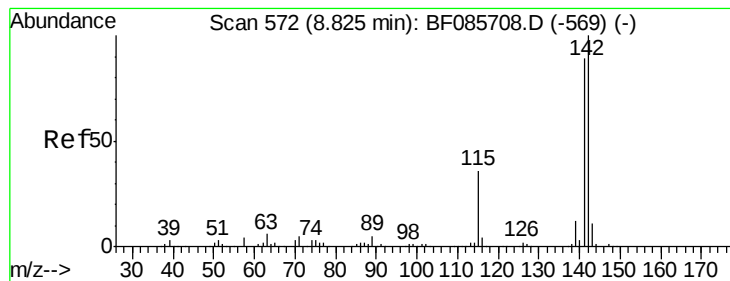


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

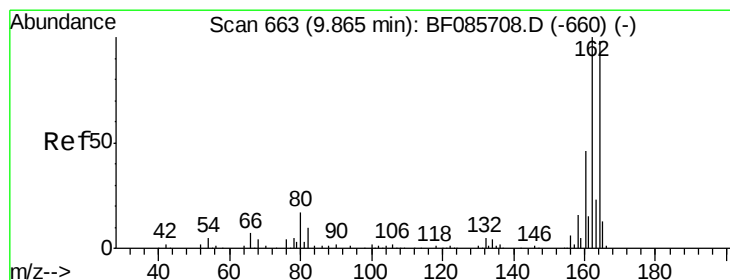
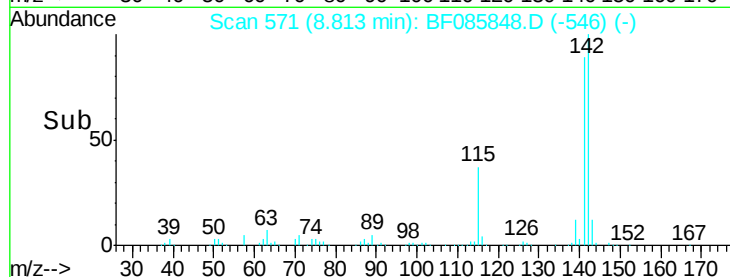
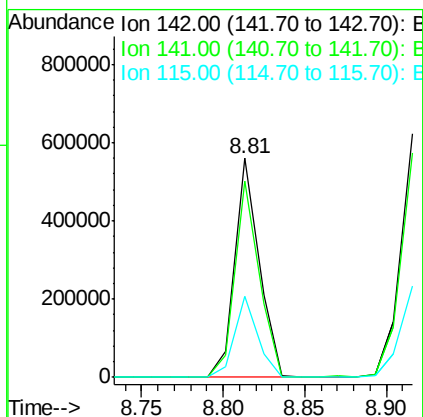
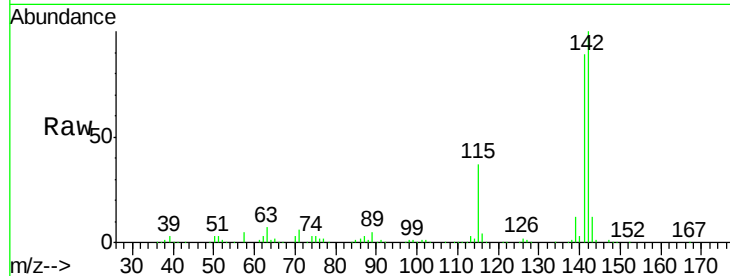




#37
2-Methylnaphthalene
Concen: 37.35 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

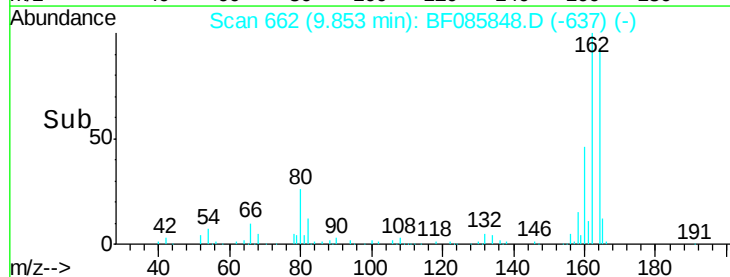
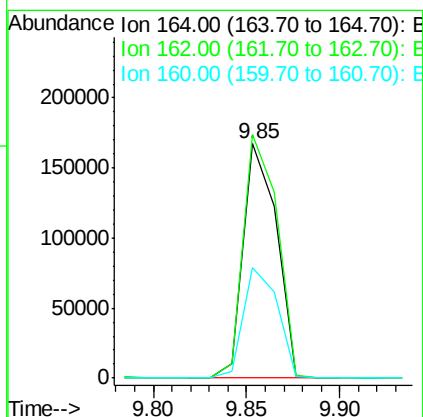
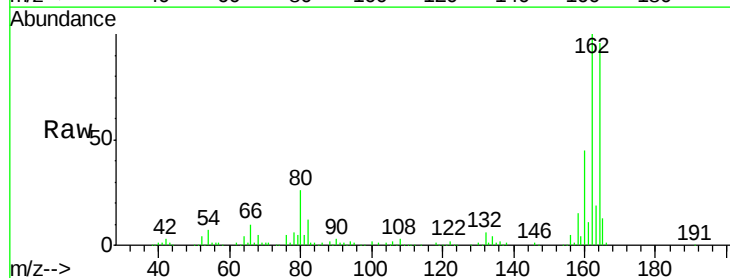
Instrument :
BNA_F
ClientSampleId :
13MSD

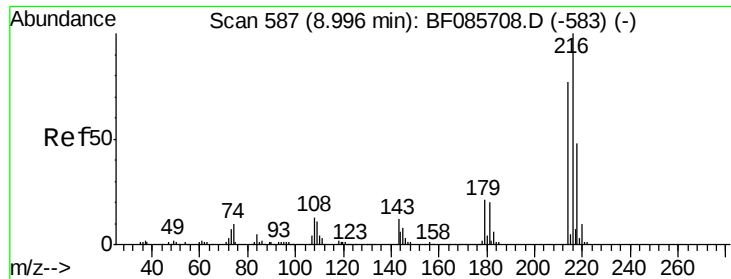
Tot Ion:142 Resp: 578244
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4
115 37.2 26.8 40.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:164 Resp: 206395
Ion Ratio Lower Upper
164 100
162 103.9 82.1 123.1
160 47.2 37.4 56.2

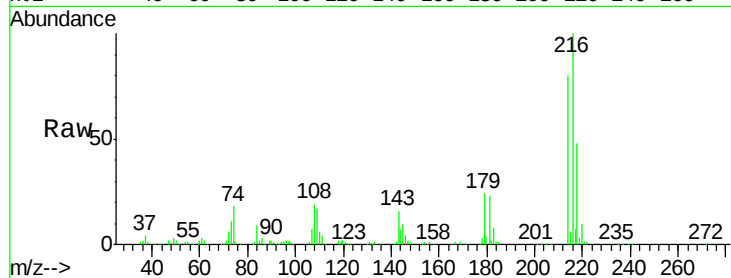




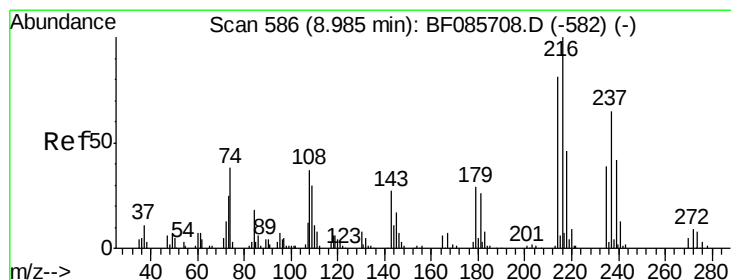
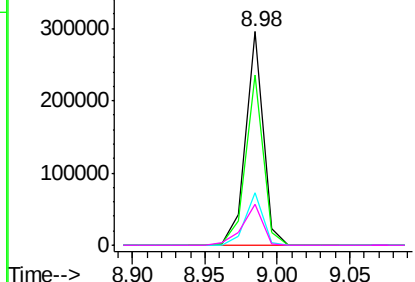
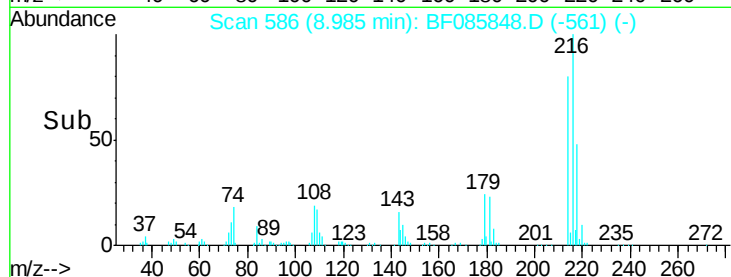
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.77 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion:	216	Resp:	249535
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.1	94.7
179	24.3	18.2	27.2
108	22.8	17.3	25.9

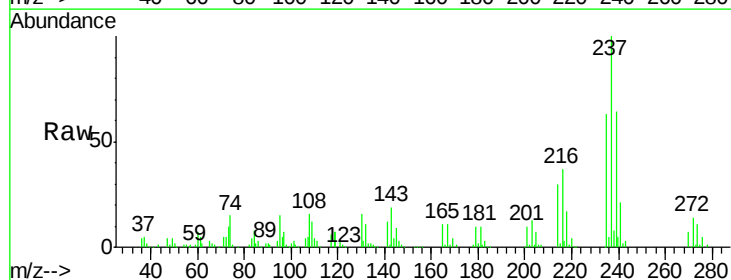


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

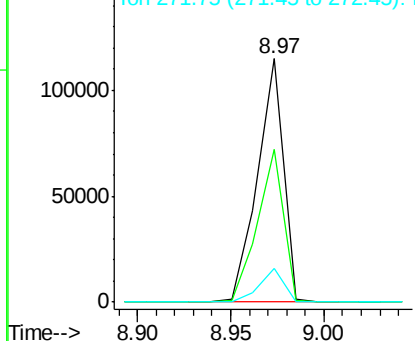
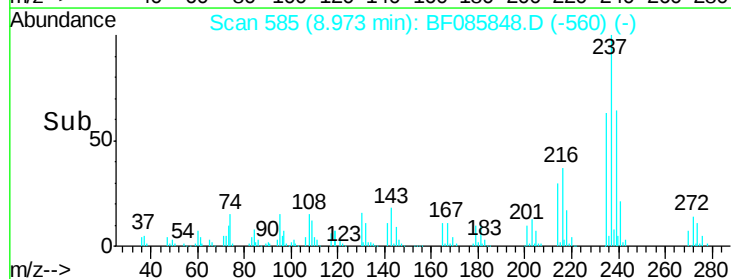


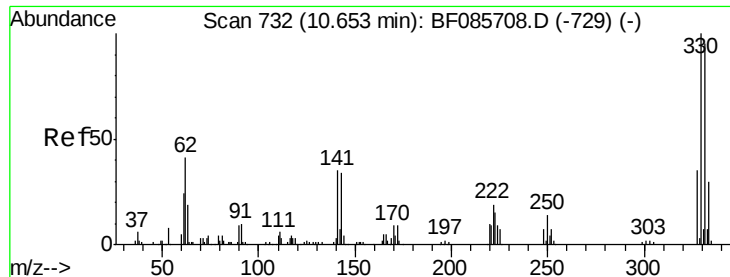
#40
 Hexachlorocyclopentadiene
 Concen: 47.54 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:	237	Resp:	110522
Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.7	83.7
272	13.6	0.0	31.9



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

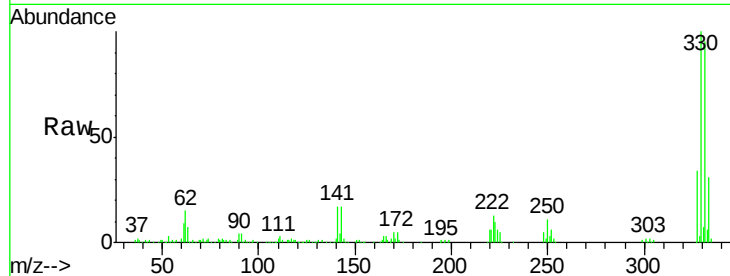




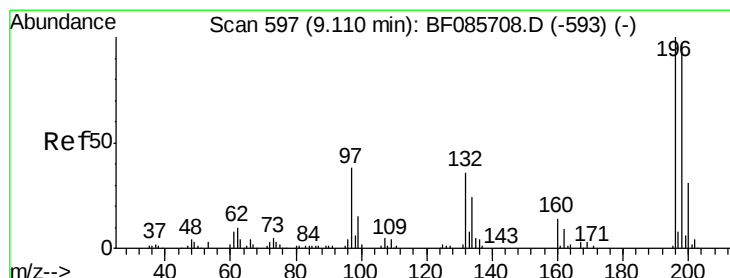
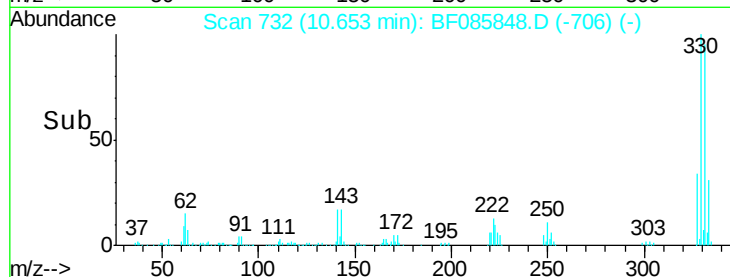
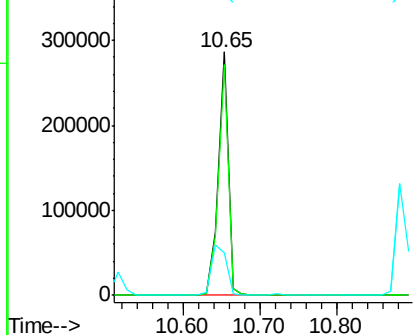
#41
 2,4,6-Tribromophenol
 Concen: 132.01 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.2	117.2
141	31.1	31.5	47.3

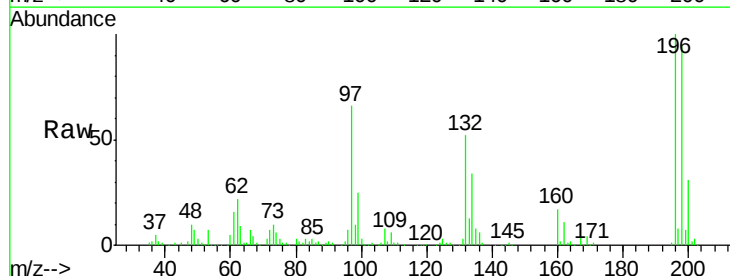


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

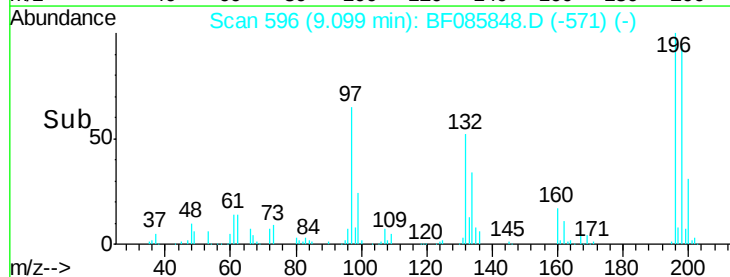
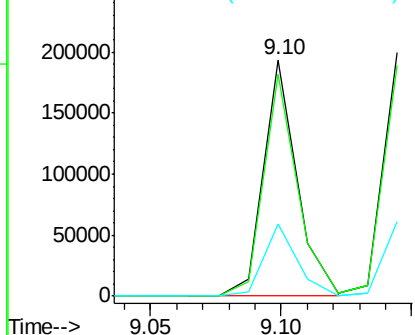


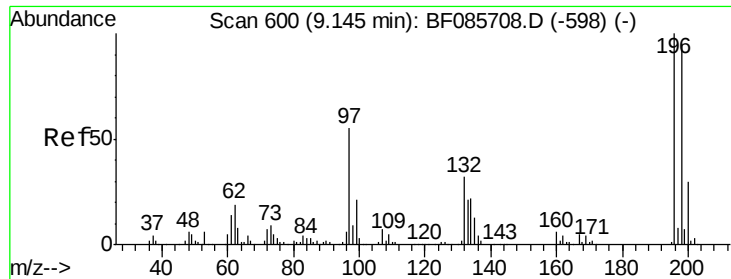
#42
 2,4,6-Trichlorophenol
 Concen: 42.00 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.3	112.9
200	30.6	23.7	35.5



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

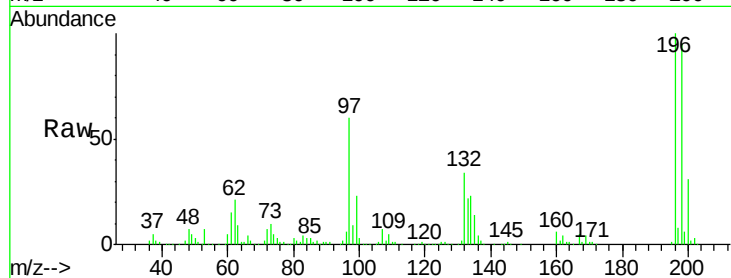




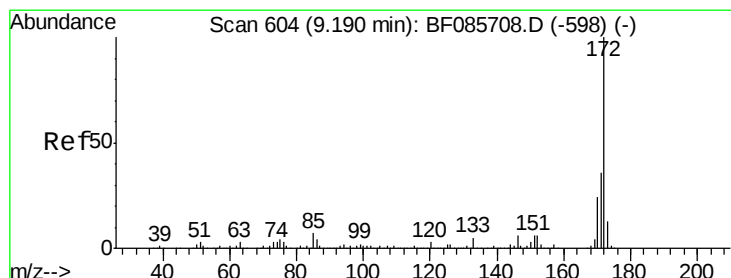
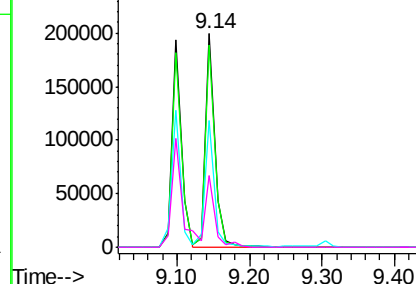
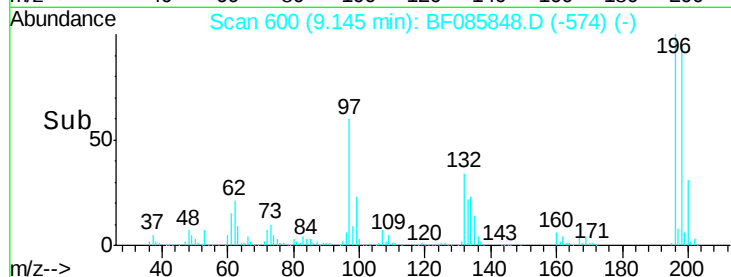
#43
 2,4,5-Trichlorophenol
 Concen: 42.10 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tot Ion:196 Resp: 182514
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.6 114.8
 97 59.5 30.5 45.7#
 132 33.8 20.2 30.2#

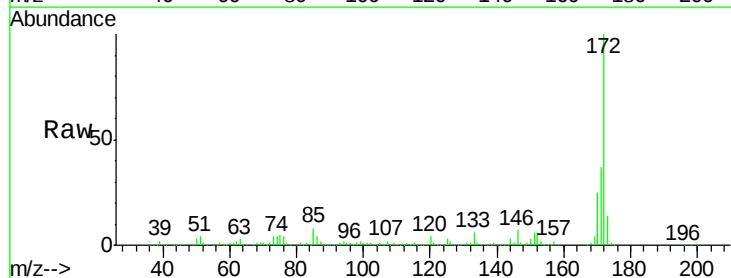


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

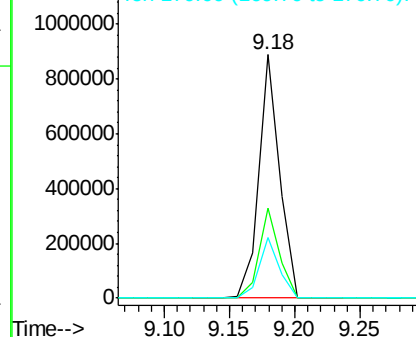
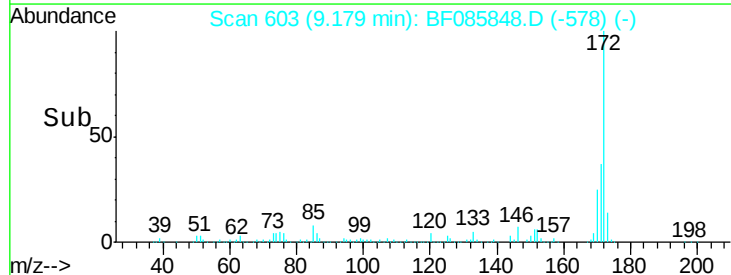


#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:172 Resp: 983319
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.7 19.8 29.6



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

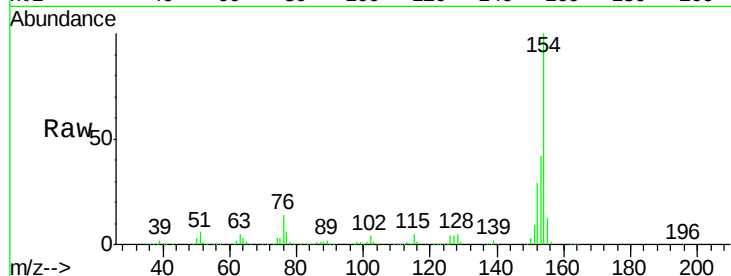




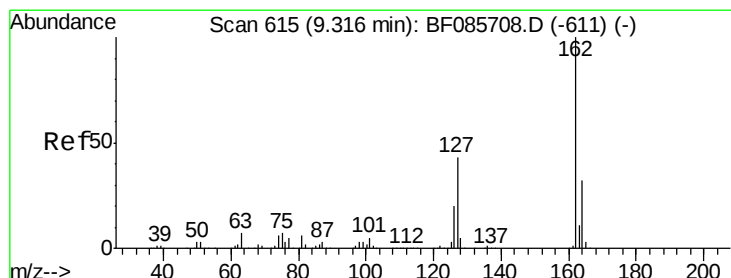
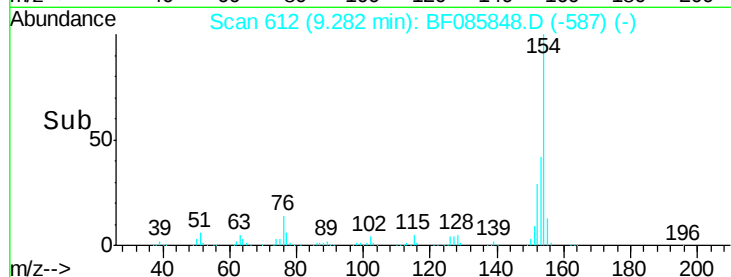
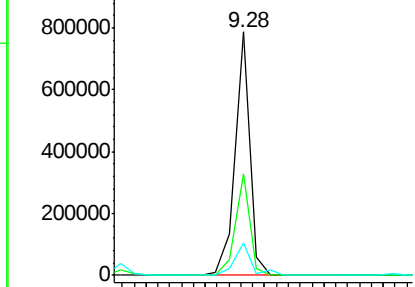
#45
 1,1'-Biphenyl
 Concen: 39.04 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampled :
 13MSD

Tot Ion:154 Resp: 679974
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.8 60.8
 76 13.6 0.0 36.7

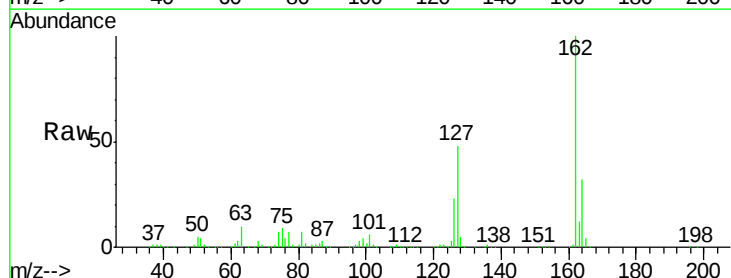


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

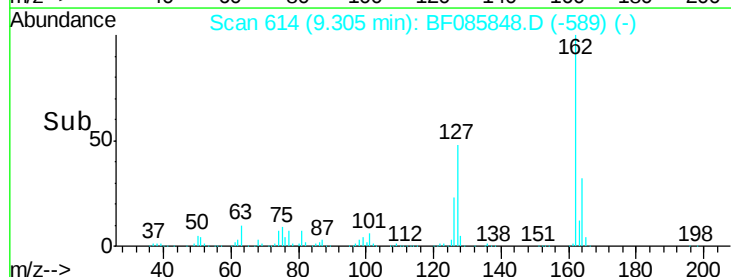
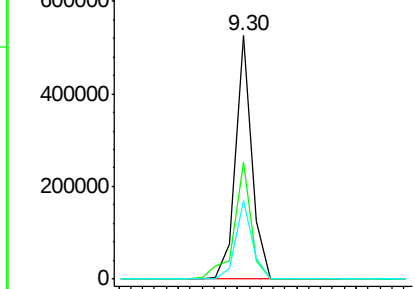


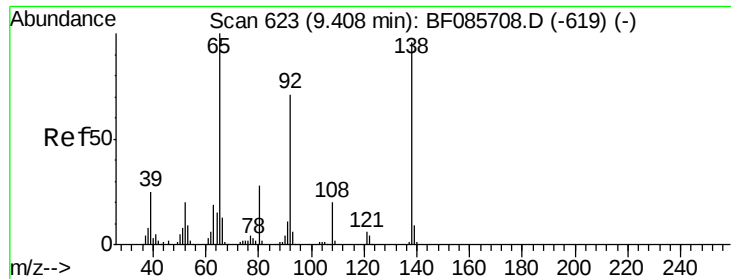
#46
 2-Chloronaphthalene
 Concen: 39.19 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:162 Resp: 501847
 Ion Ratio Lower Upper
 162 100
 127 47.9 31.7 47.5#
 164 32.3 27.3 40.9



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: 45.42 ng

RT: 9.41 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

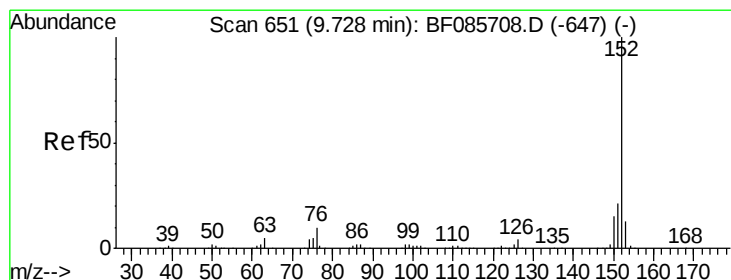
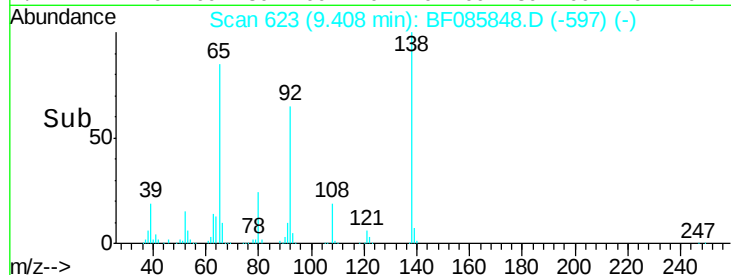
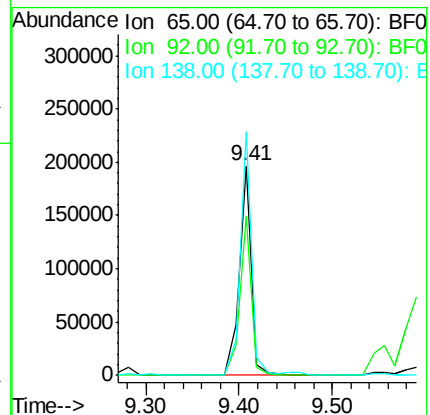
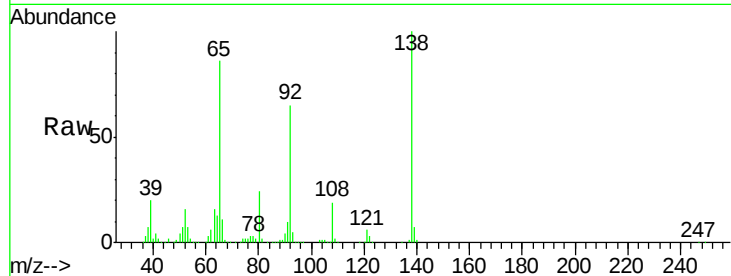
Tot Ion: 65 Resp: 177856

Ion Ratio Lower Upper

65 100

92 76.0 59.7 89.5

138 116.4 91.4 137.0



#48

Acenaphthylene

Concen: 38.23 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

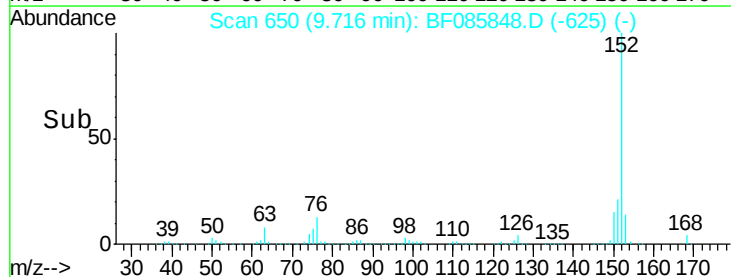
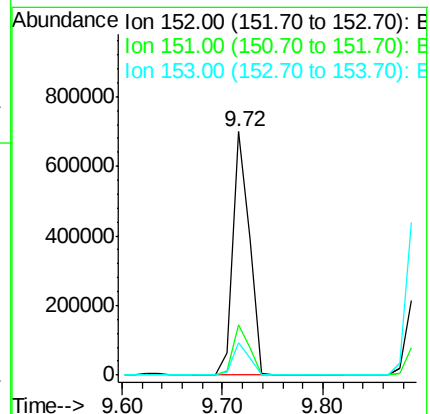
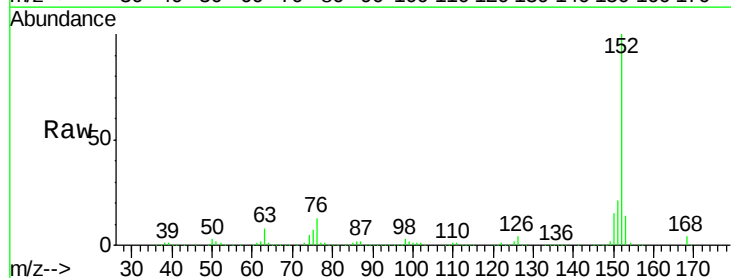
Tgt Ion: 152 Resp: 797772

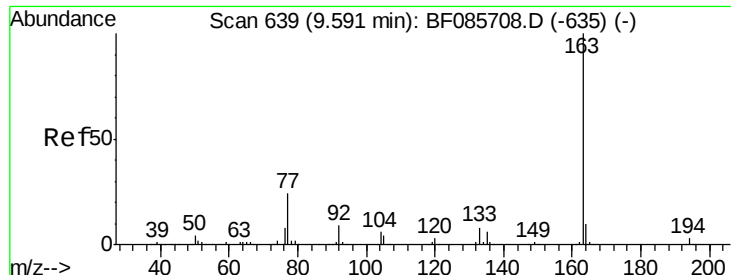
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 57.83 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

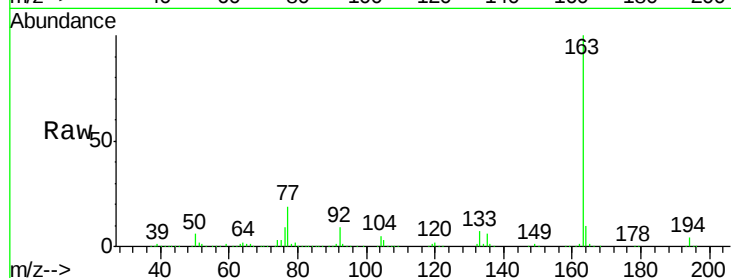
Tot Ion:163 Resp: 905514

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

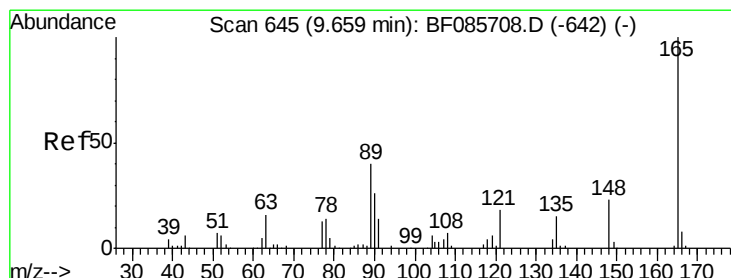
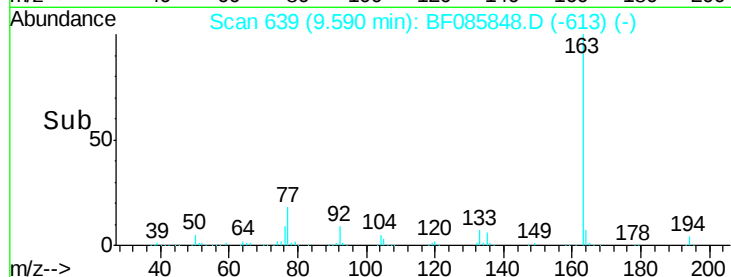
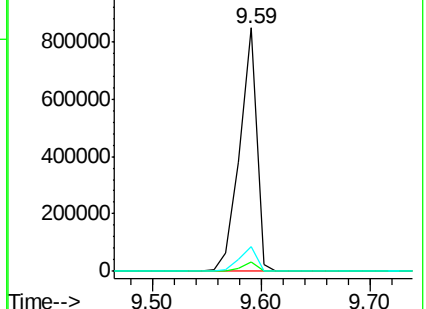
164 10.1 8.3 12.5



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: 37.10 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

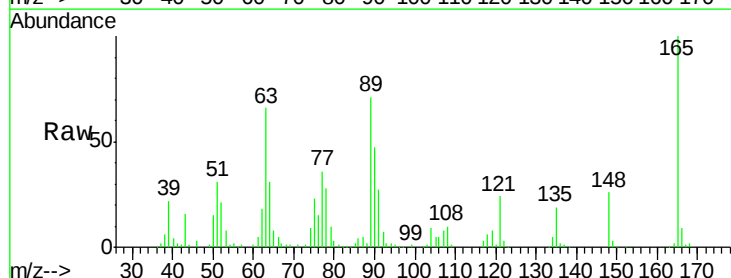
Tgt Ion:165 Resp: 125052

Ion Ratio Lower Upper

165 100

63 66.4 51.8 77.8

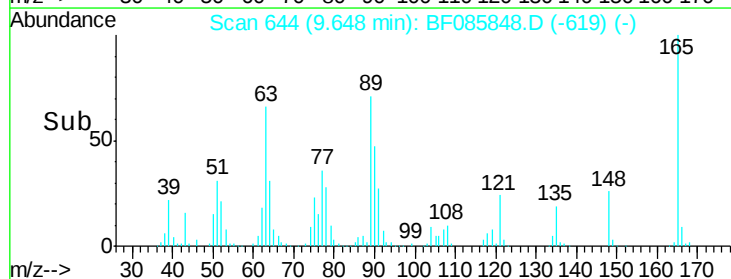
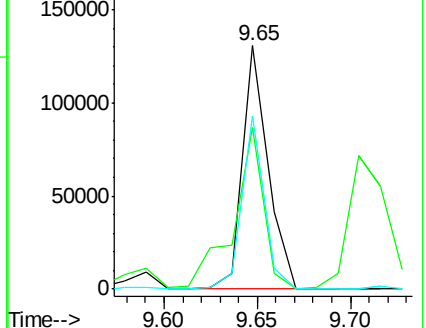
89 71.4 53.7 80.5

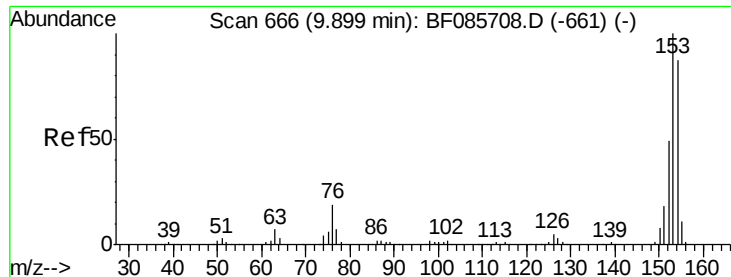


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

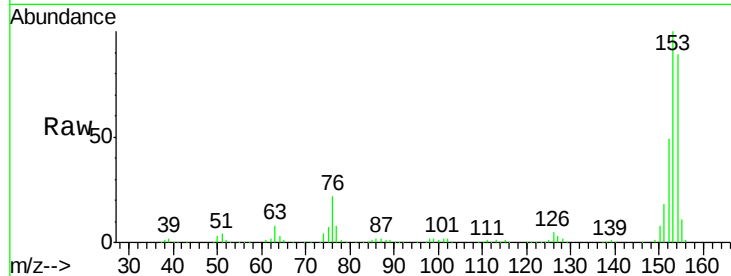




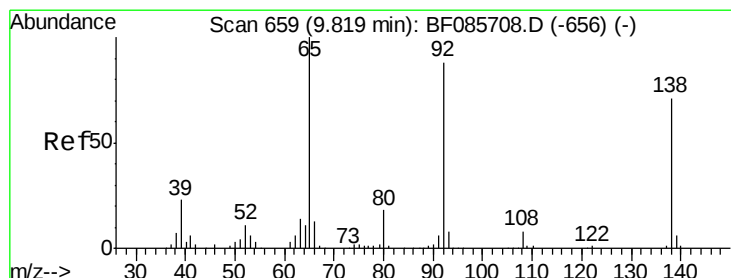
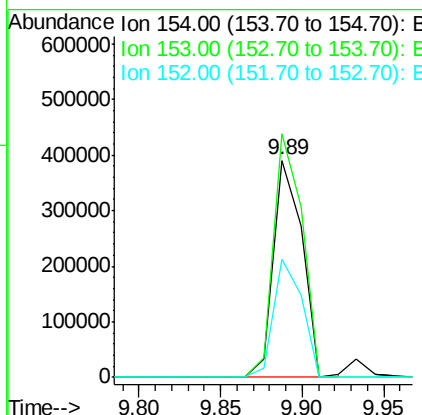
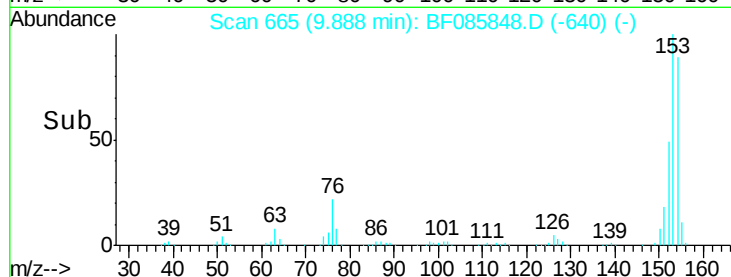
#51
Acenaphthene
Concen: 37.92 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion:154 Resp: 483307
Ion Ratio Lower Upper
154 100
153 112.3 90.1 135.1
152 54.7 44.2 66.2

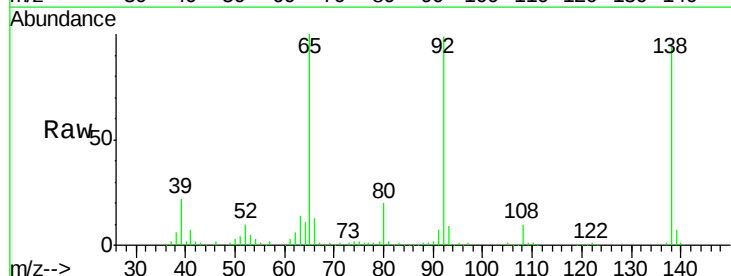


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

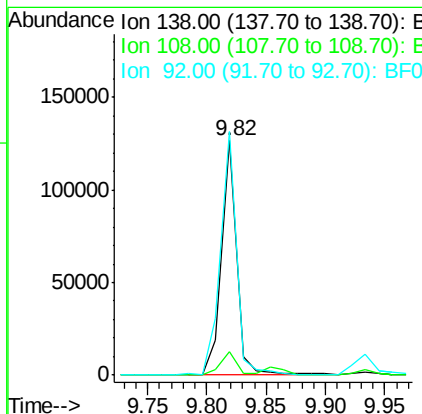
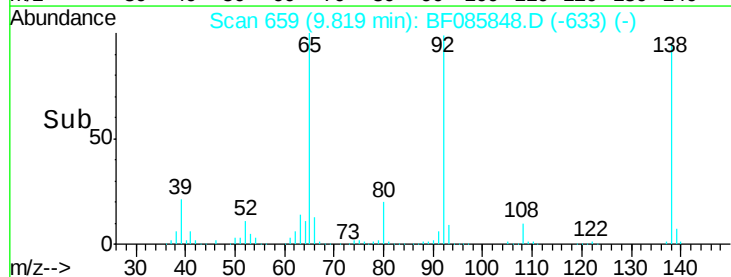


#52
3-Nitroaniline
Concen: 28.82 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:138 Resp: 111204
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 104.0 93.3 139.9



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

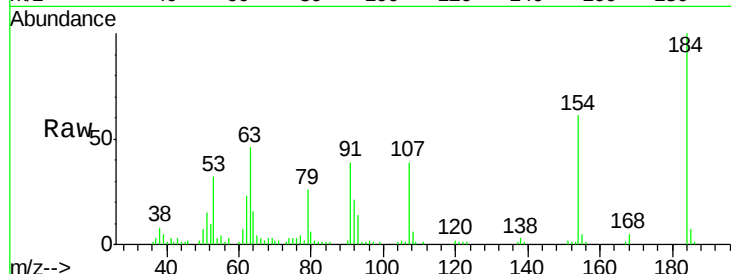




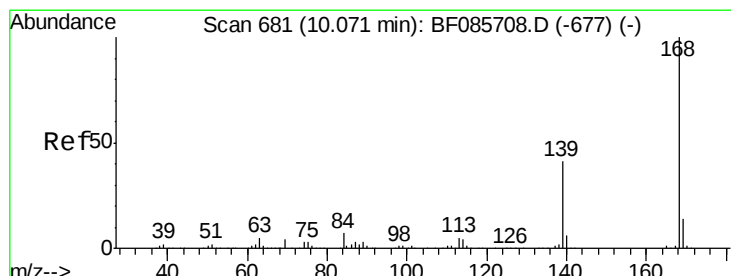
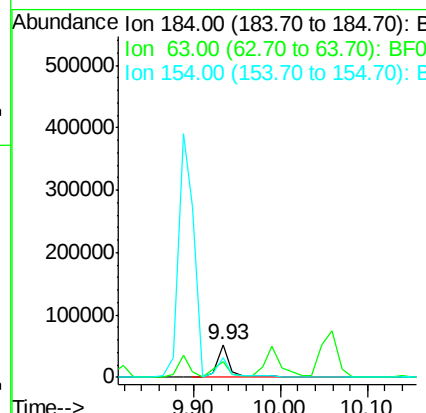
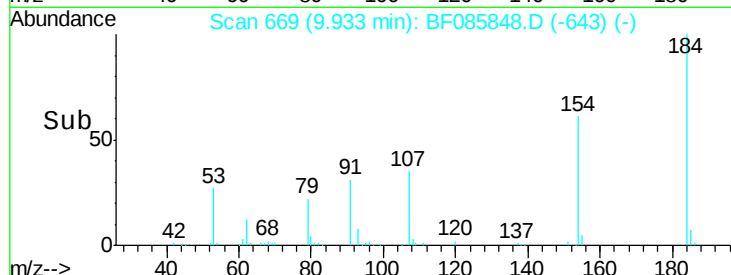
#53
2,4-Dinitrophenol
Concen: 37.40 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion:184 Resp: 57768
Ion Ratio Lower Upper
184 100
63 46.1 69.5 104.3#
154 61.3 58.3 87.5

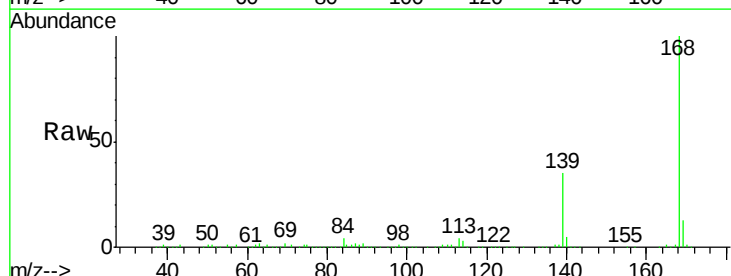


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

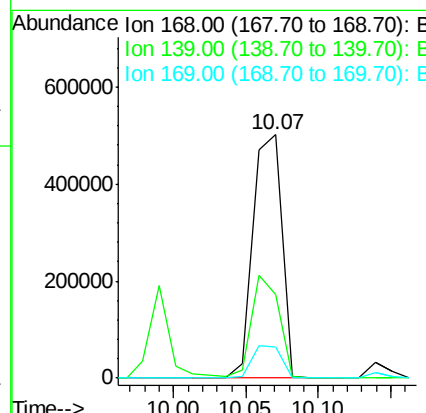
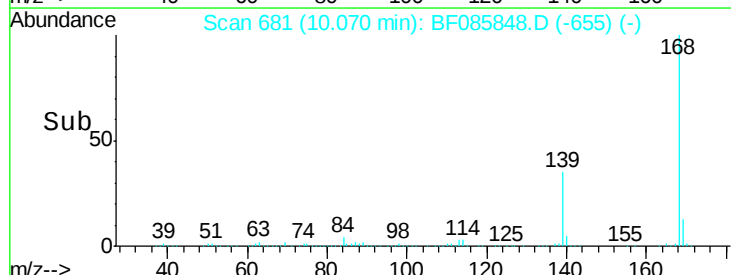


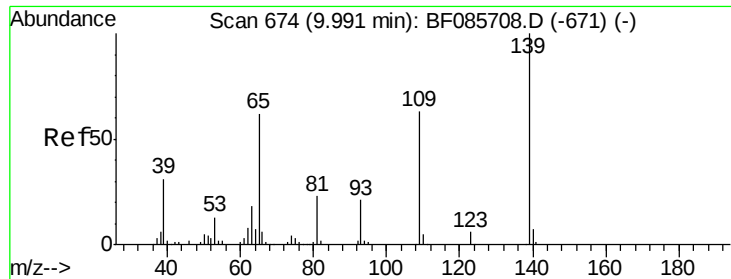
#54
Dibenzofuran
Concen: 41.99 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:168 Resp: 692662
Ion Ratio Lower Upper
168 100
139 34.5 31.9 47.9
169 12.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

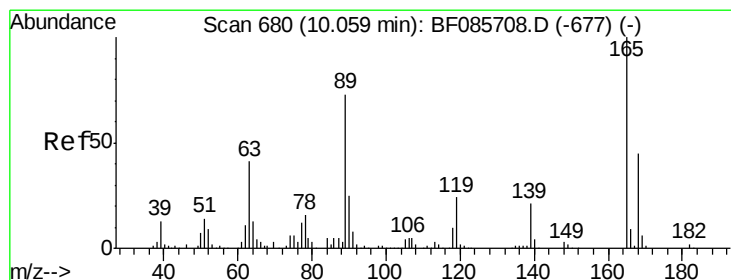
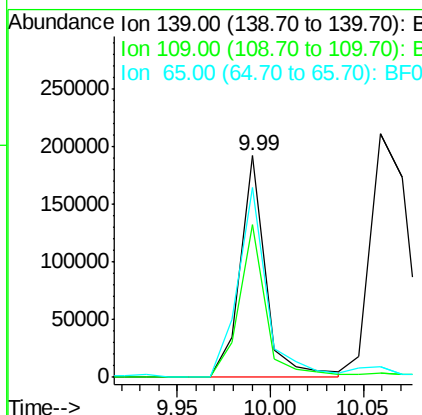
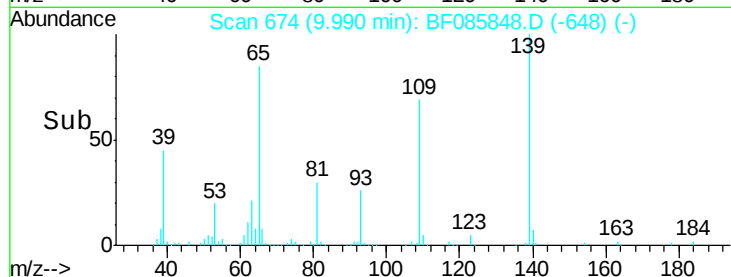
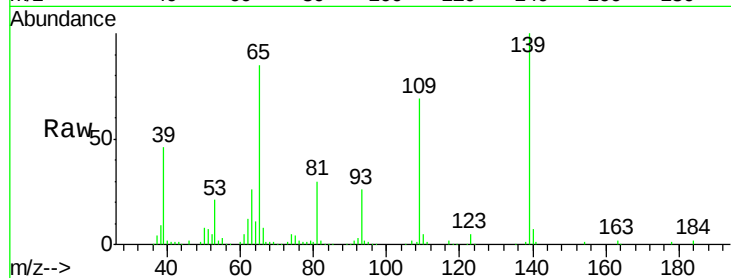




#55
4-Nitrophenol
Concen: 73.79 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

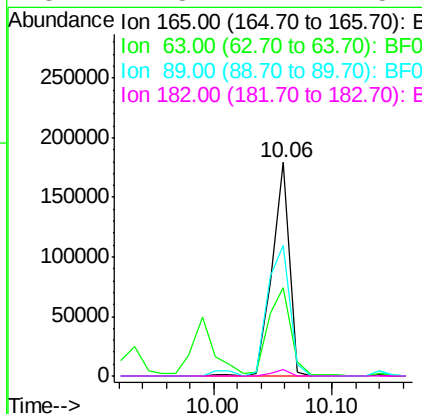
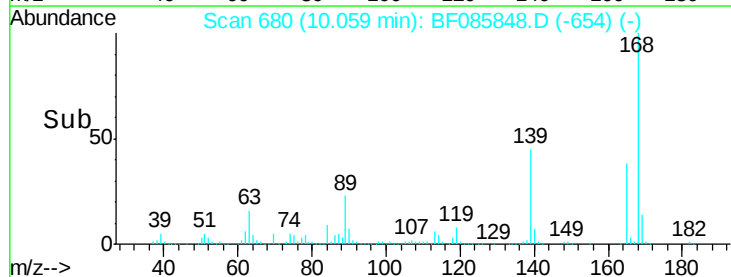
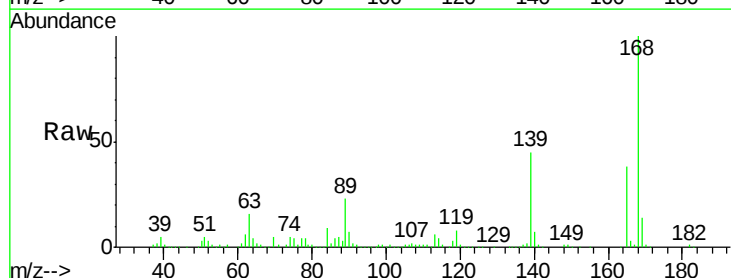
Instrument :
BNA_F
ClientSampleId :
13MSD

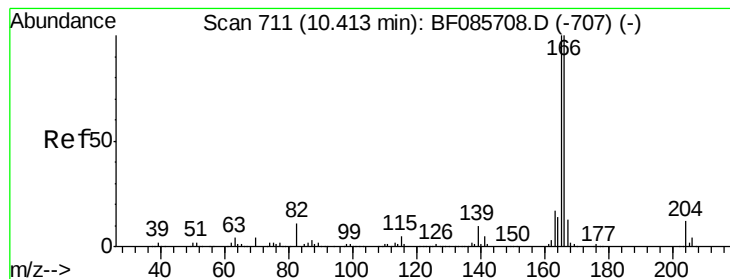
Tot Ion:139 Resp: 185464
Ion Ratio Lower Upper
139 100
109 69.2 49.2 89.2
65 85.4 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 42.55 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:165 Resp: 182293
Ion Ratio Lower Upper
165 100
63 41.1 24.9 37.3#
89 61.4 41.0 61.6
182 2.8 2.1 3.1





#57

Fluorene

Concen: 37.30 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

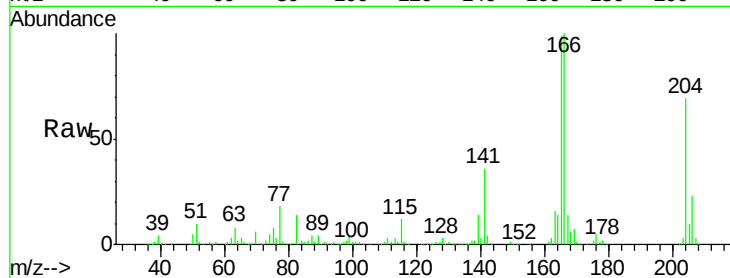
Tot Ion:166 Resp: 511572

Ion Ratio Lower Upper

166 100

165 98.7 79.4 119.0

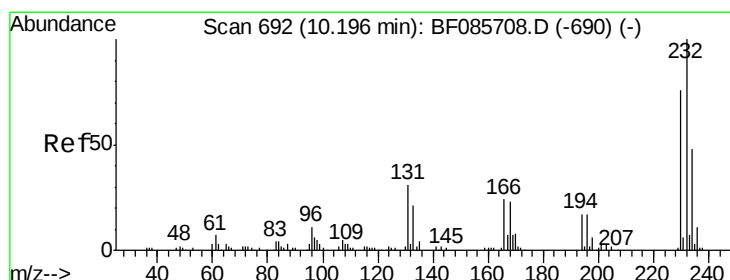
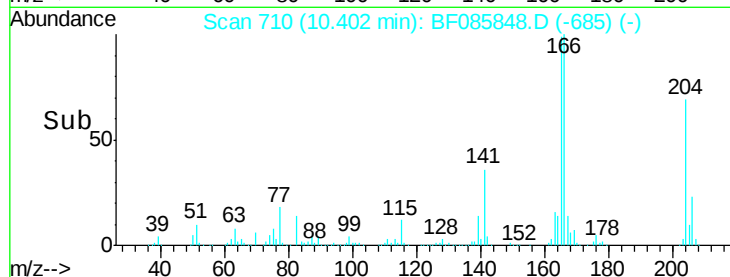
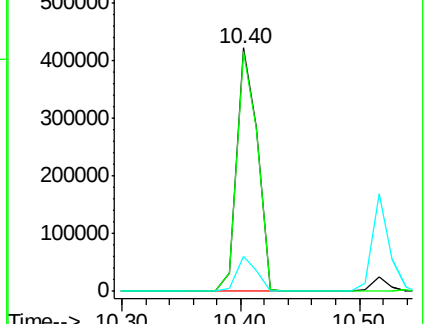
167 14.1 11.0 16.4



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: 45.12 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion:232 Resp: 135955

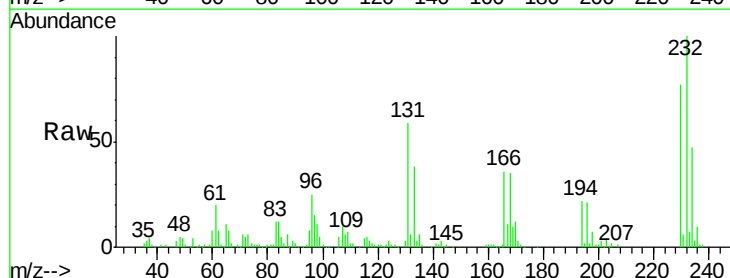
Ion Ratio Lower Upper

232 100

131 54.8 44.9 67.3

130 2.7 2.3 3.5

166 32.1 28.1 42.1

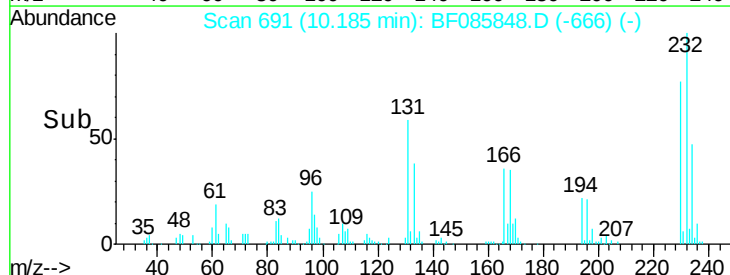
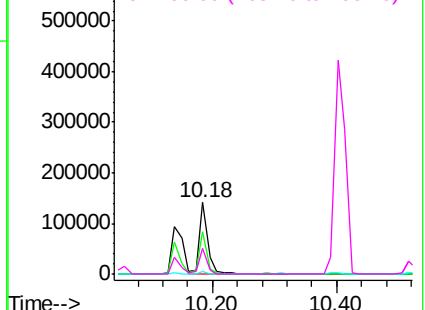


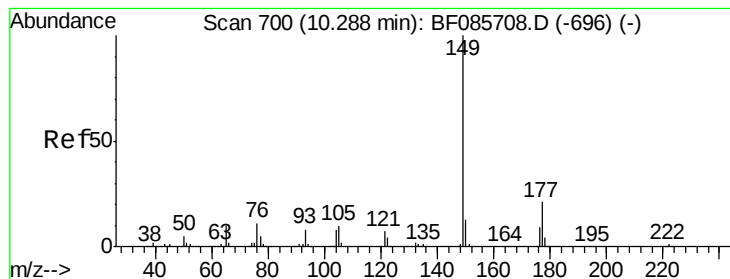
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.61 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

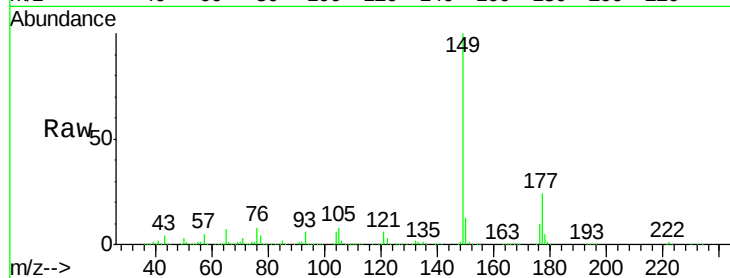
Tot Ion:149 Resp: 659198

Ion Ratio Lower Upper

149 100

177 23.6 17.9 26.9

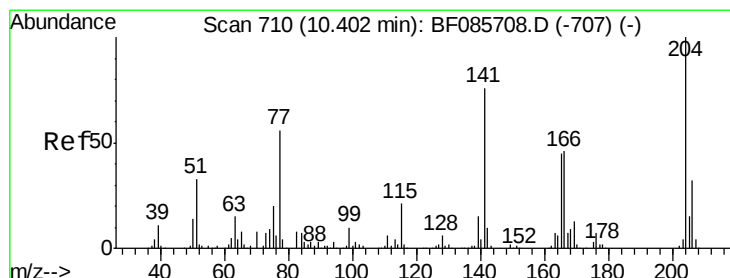
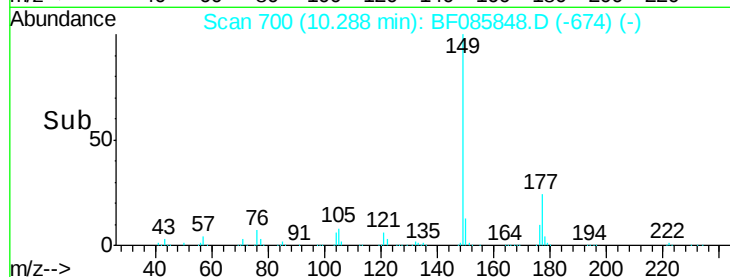
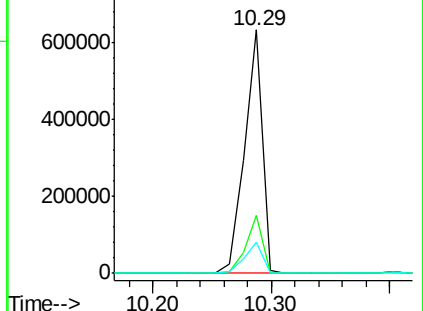
150 12.6 10.2 15.2



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: 41.31 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

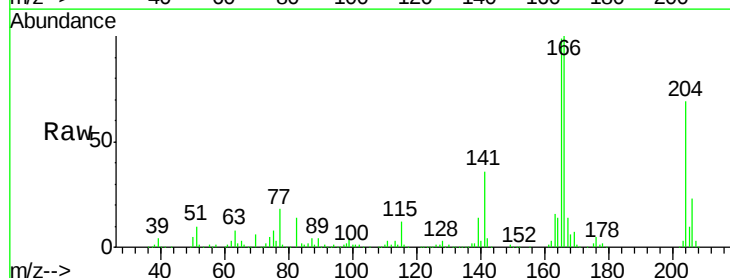
Tgt Ion:204 Resp: 276993

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

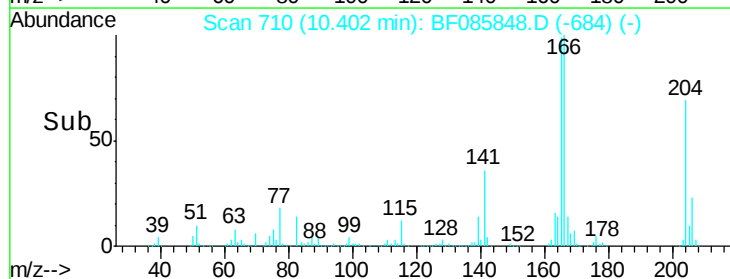
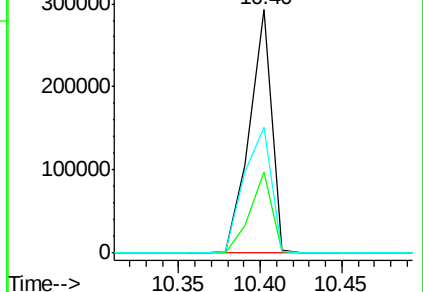
141 51.9 57.4 86.0#

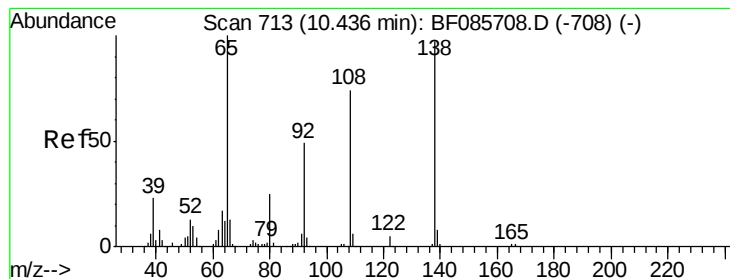


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.92 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

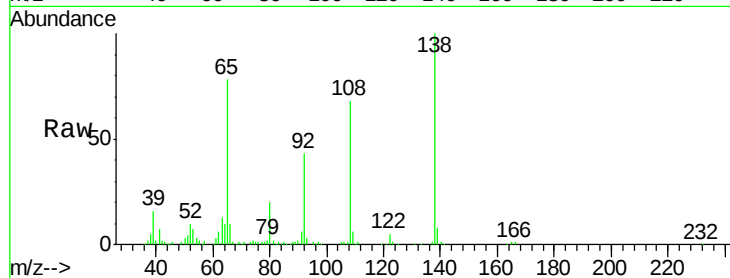
Tot Ion:138 Resp: 139916

Ion Ratio Lower Upper

138 100

92 42.9 26.4 66.4

108 67.7 49.0 89.0



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

10.44

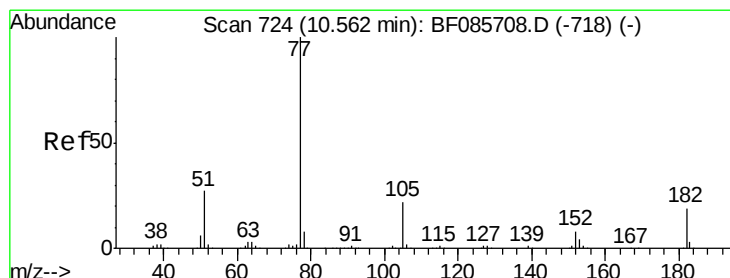
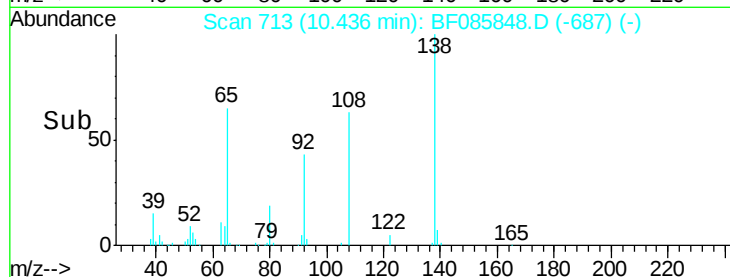
150000

100000

50000

0

Time--> 10.30 10.40 10.50



#62

Azobenzene

Concen: 44.23 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Tgt Ion: 77 Resp: 657595

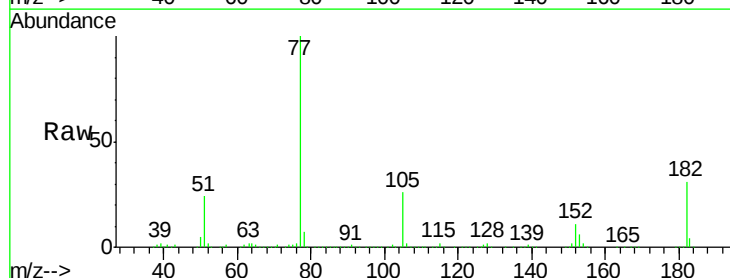
Ion Ratio Lower Upper

77 100

182 30.8 1.9 41.9

105 26.3 3.5 43.5

51 23.6 6.3 46.3



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

800000

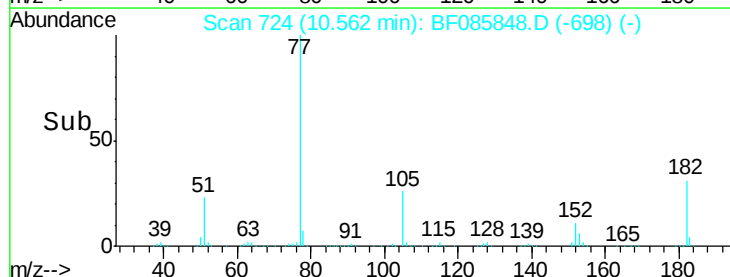
600000

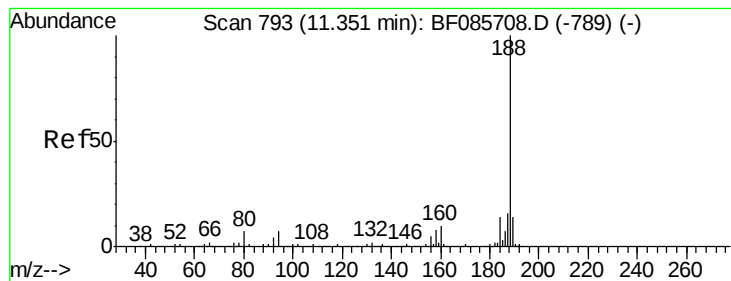
400000

200000

0

Time--> 10.50 10.60





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampled :

13MSD

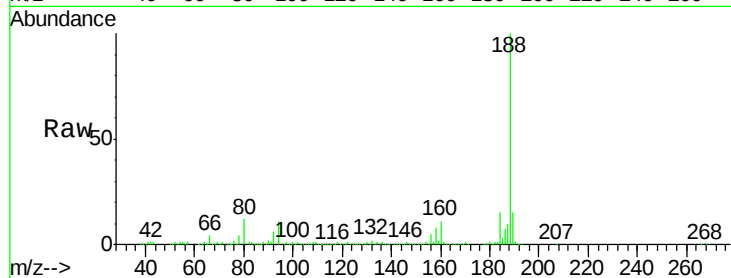
Tot Ion:188 Resp: 355190

Ion Ratio Lower Upper

188 100

94 11.3 5.4 8.0#

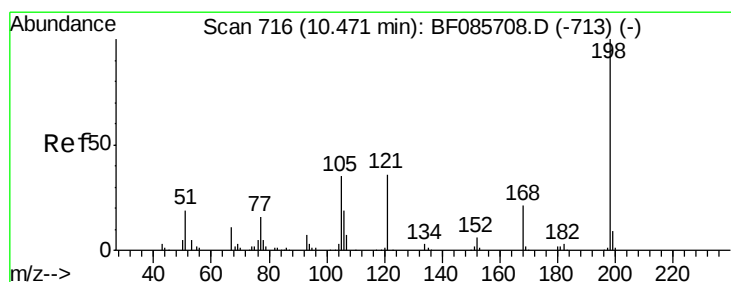
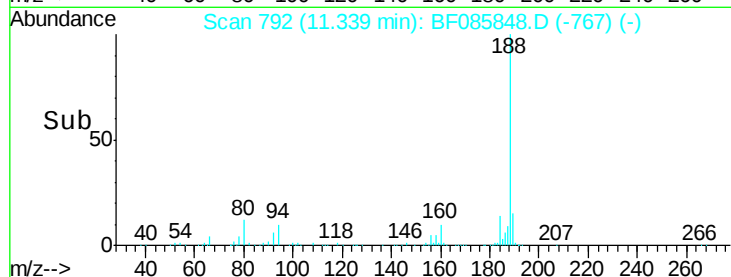
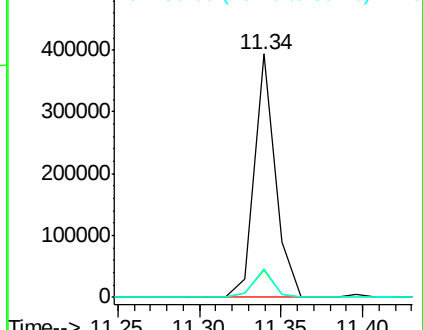
80 11.8 5.5 8.3#



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: 24.05 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

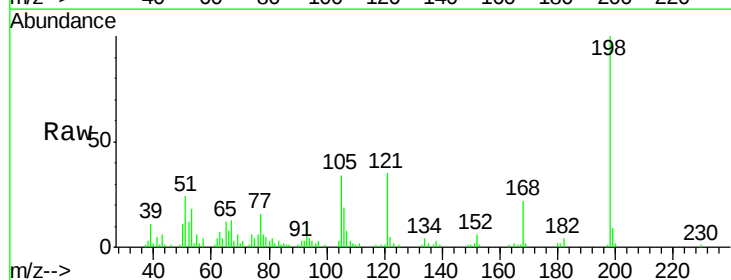
Tgt Ion:198 Resp: 50019

Ion Ratio Lower Upper

198 100

51 23.8 45.4 85.4#

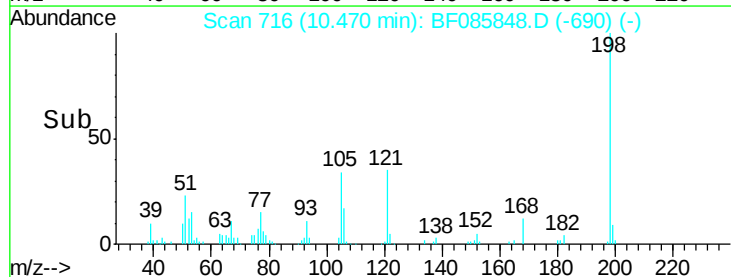
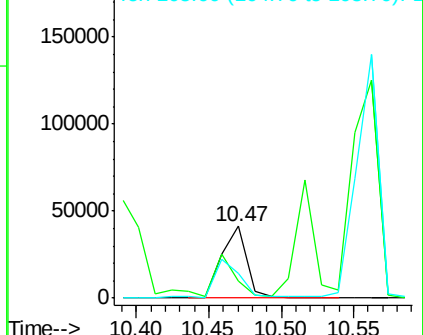
105 34.1 45.9 85.9#

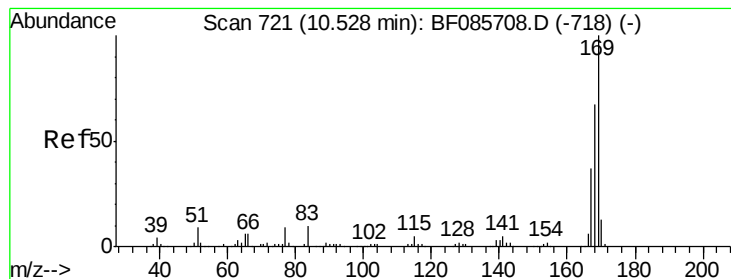


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

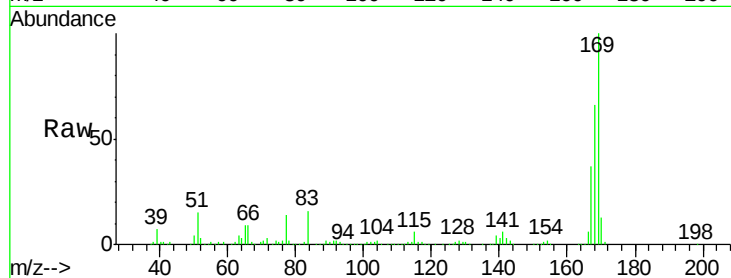




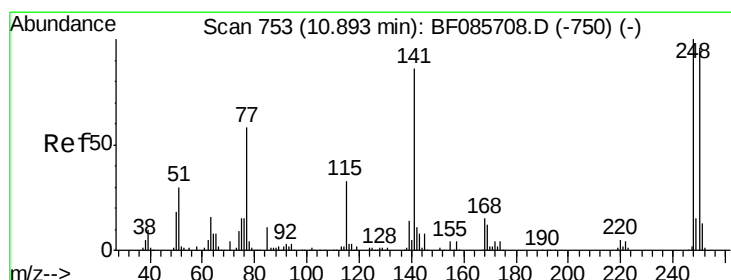
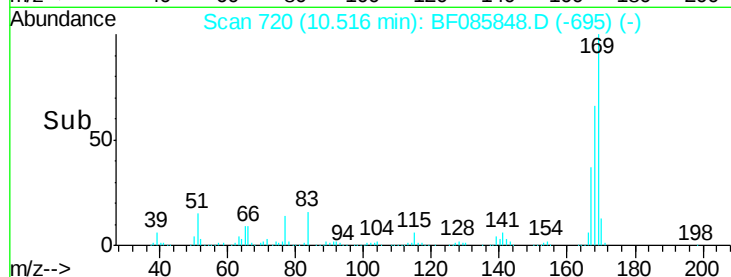
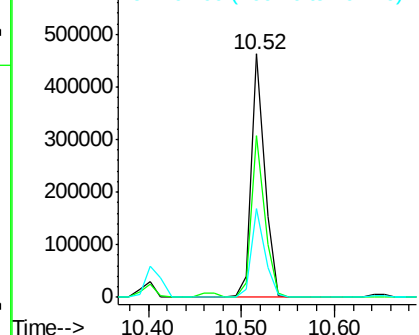
#65
 n-Nitrosodiphenylamine
 Concen: 40.64 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion:169 Resp: 457254
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.6 29.4 44.0

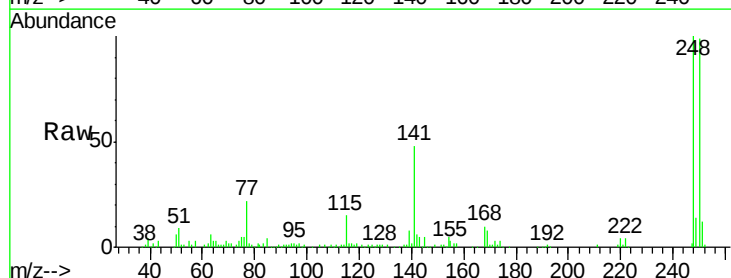


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

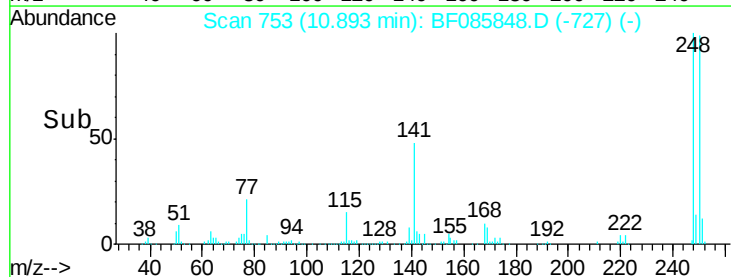
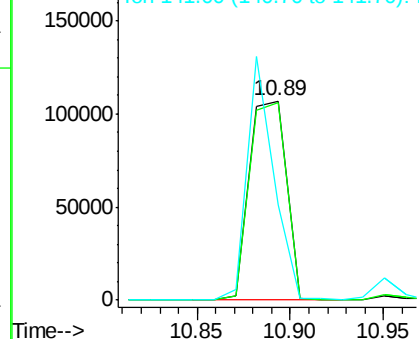


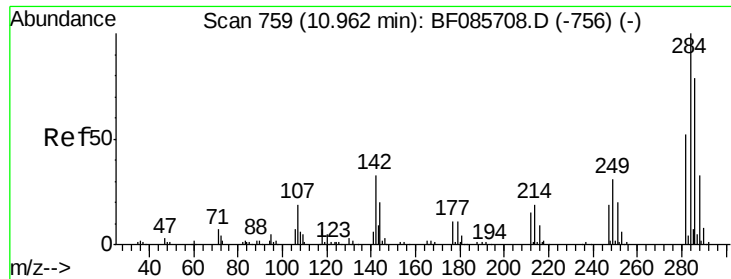
#66
 4-Bromophenyl-phenylether
 Concen: 40.57 ng
 RT: 10.89 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:248 Resp: 147436
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.4 116.0
 141 48.0 63.6 95.4#



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: 40.09 ng

RT: 10.95 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

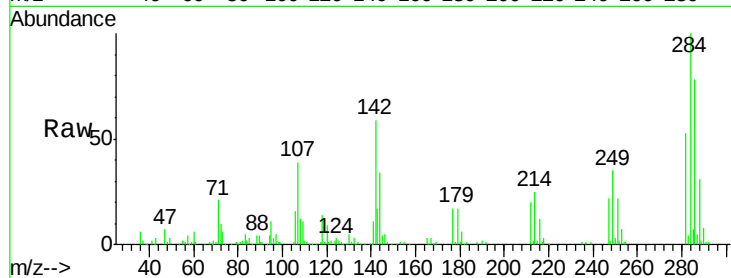
Tot Ion:284 Resp: 152342

Ion Ratio Lower Upper

284 100

142 58.9 23.1 34.7#

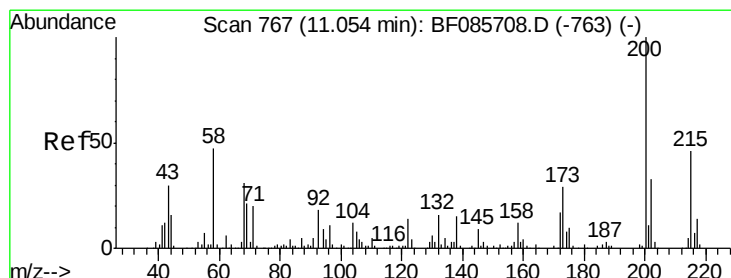
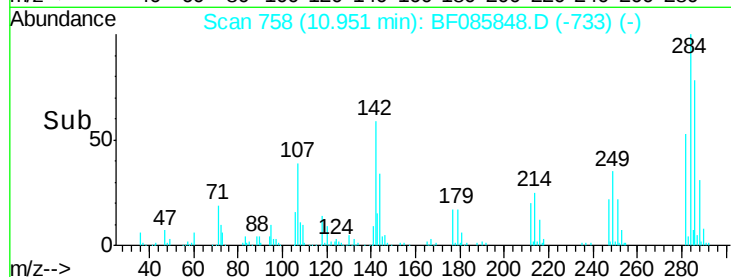
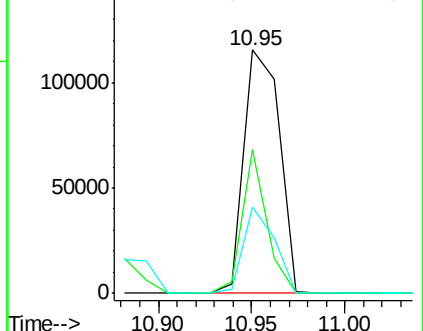
249 35.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.35 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

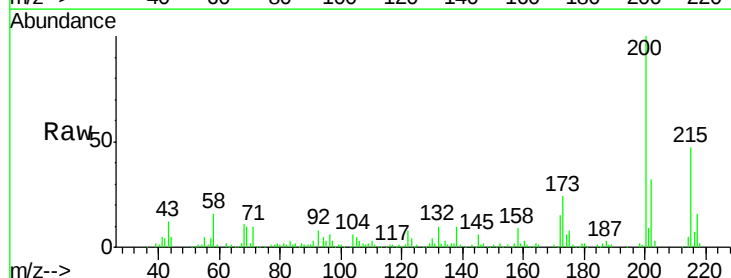
Tgt Ion:200 Resp: 160872

Ion Ratio Lower Upper

200 100

173 24.1 7.7 47.7

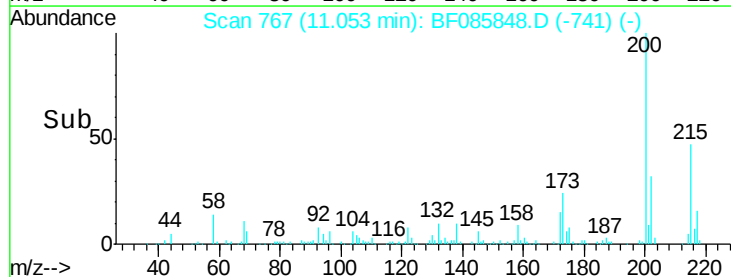
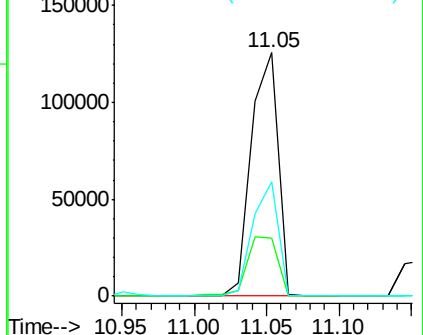
215 47.2 25.4 65.4

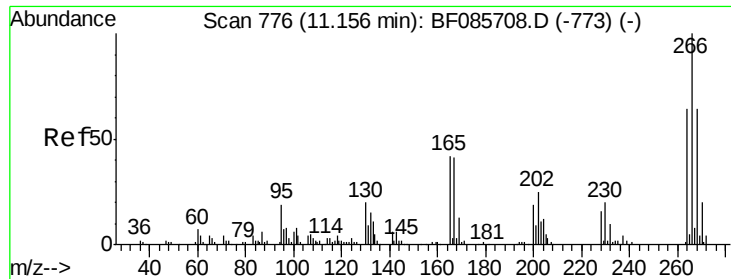


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

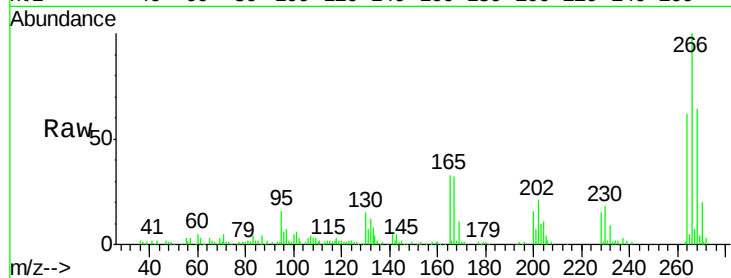




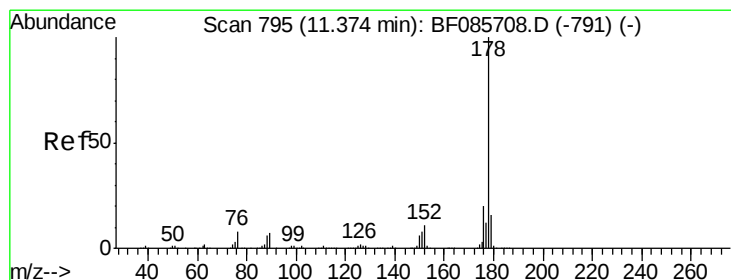
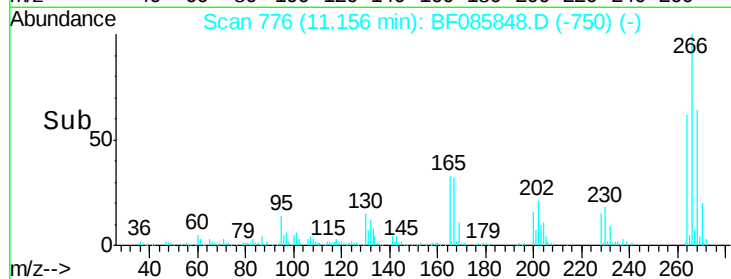
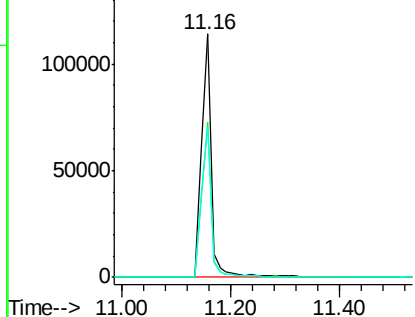
#69
 Pentachlorophenol
 Concen: 75.48 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.5	77.3
264	61.7	50.6	76.0

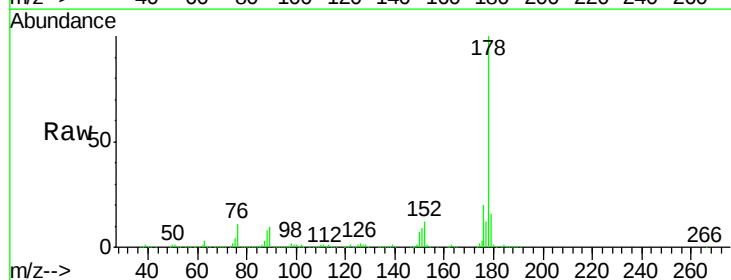


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

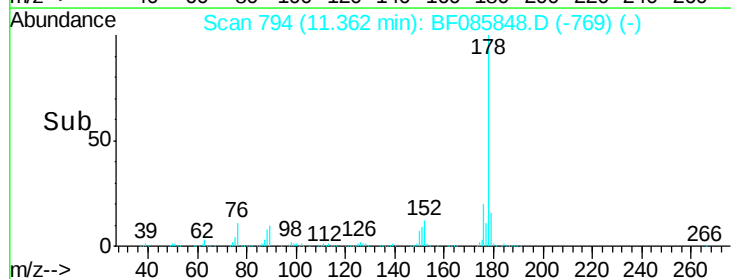
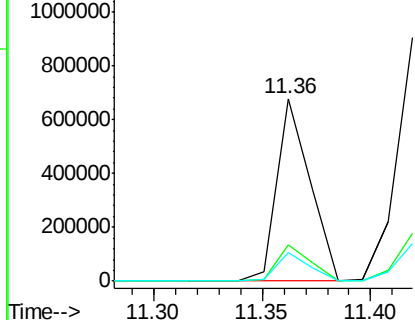


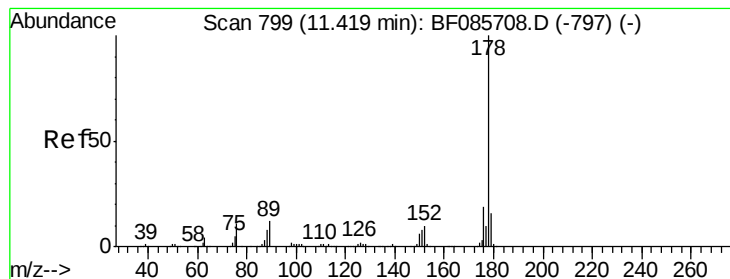
#70
 Phenanthrene
 Concen: 39.76 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.8	12.6	18.8



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





#71

Anthracene

Concen: 42.02 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

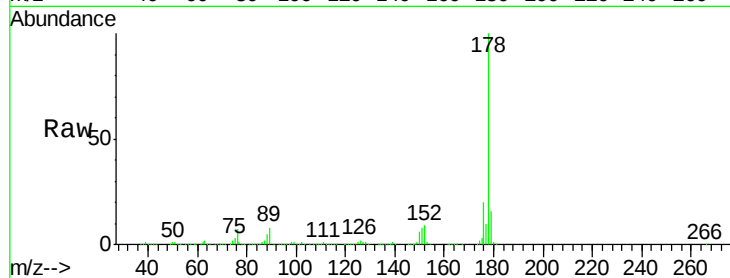
Tot Ion:178 Resp: 804585

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

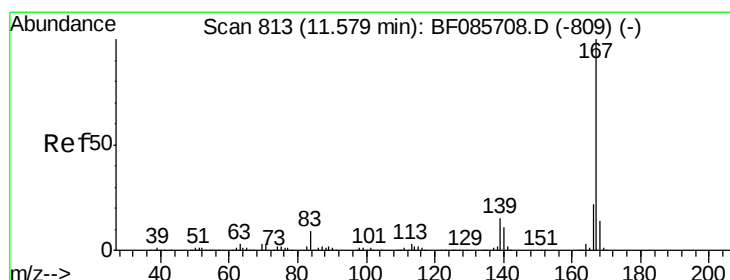
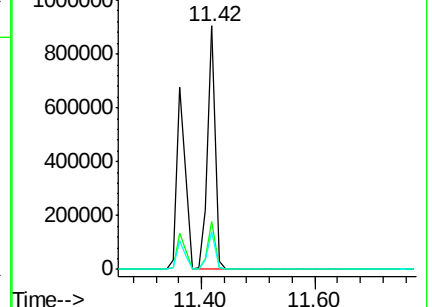
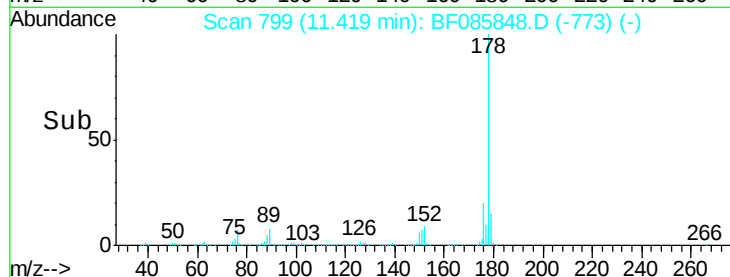
179 15.6 13.0 19.4



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: 41.72 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

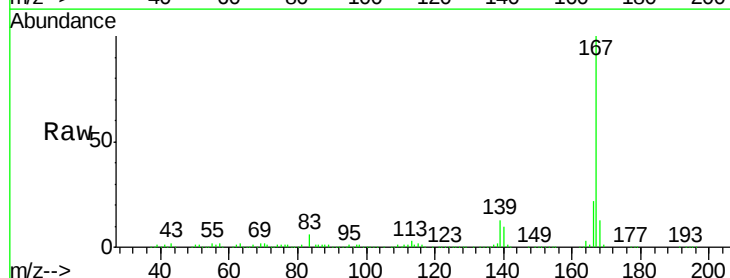
Tgt Ion:167 Resp: 670563

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

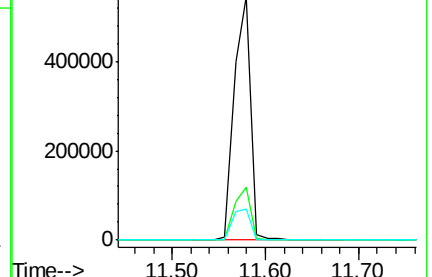
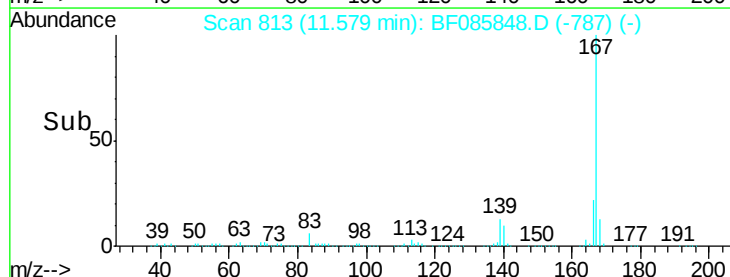
139 12.7 11.6 17.4

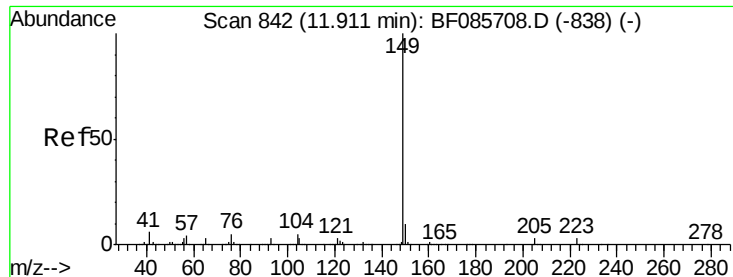


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.33 ng

RT: 11.90 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

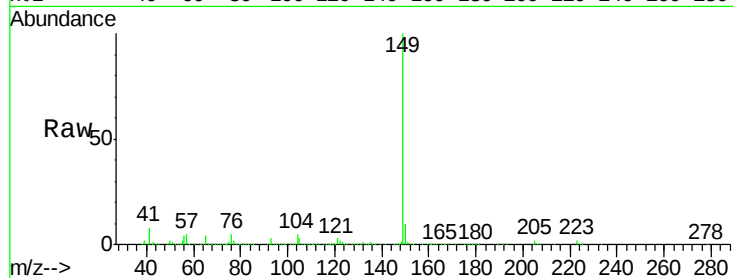
Tot Ion:149 Resp: 867641

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

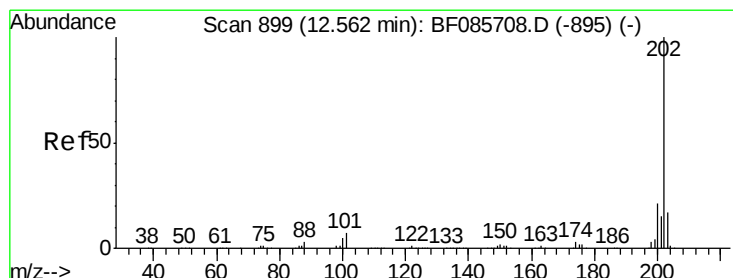
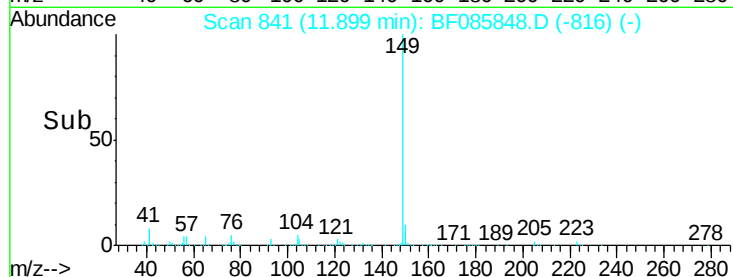
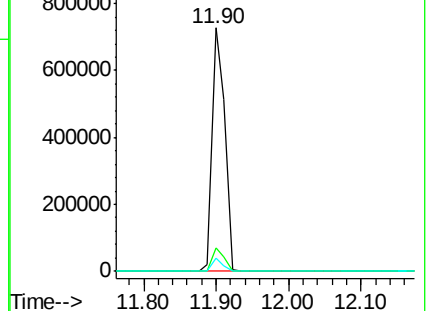
104 5.4 3.8 5.8



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: 33.04 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

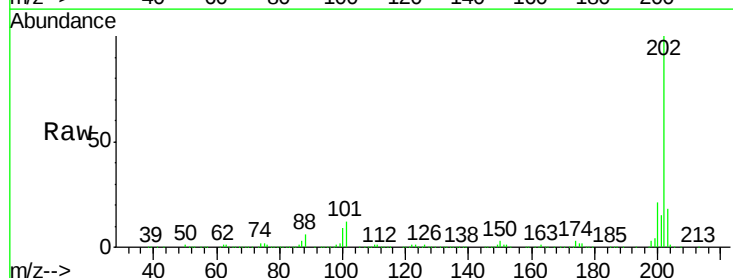
Tgt Ion:202 Resp: 640537

Ion Ratio Lower Upper

202 100

101 12.1 0.0 36.6

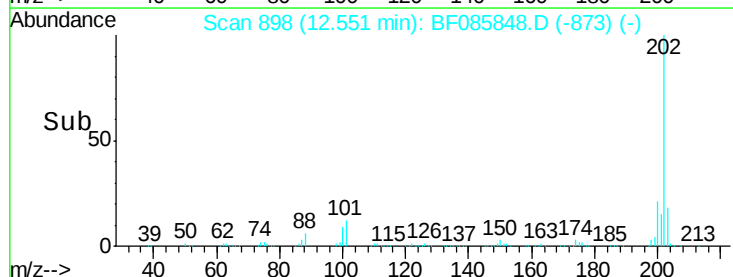
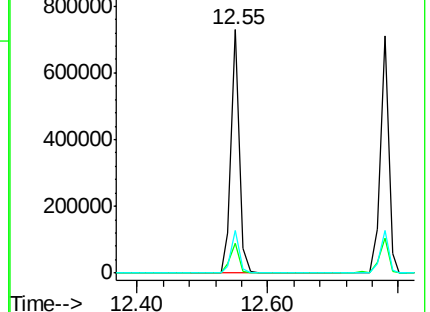
203 17.6 0.0 38.1



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

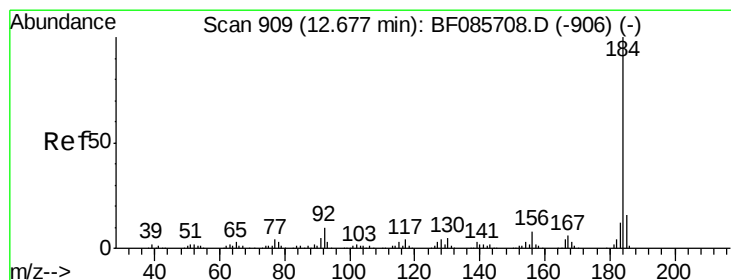
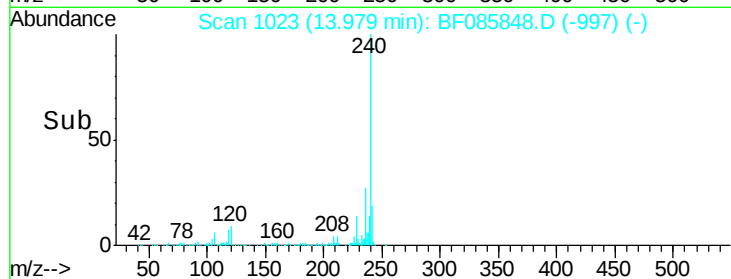
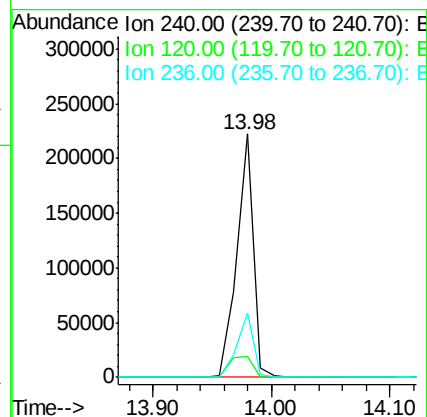
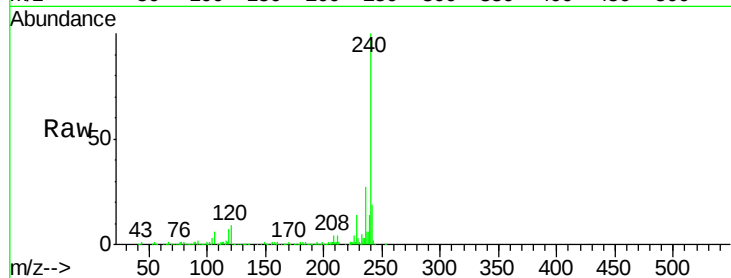




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

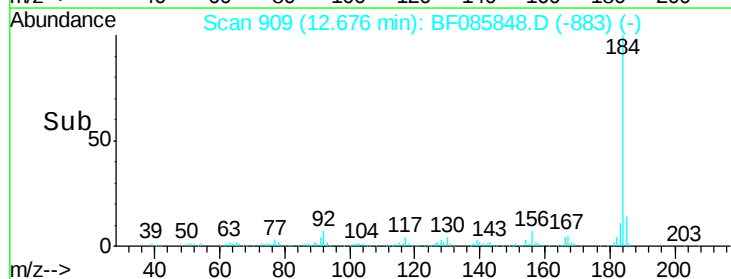
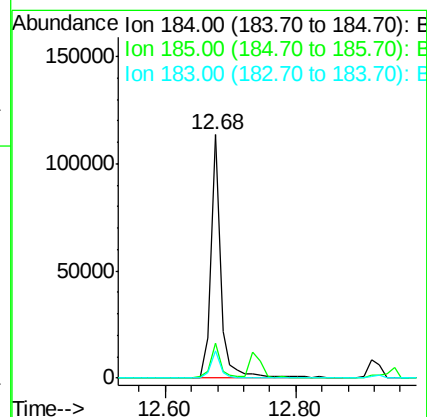
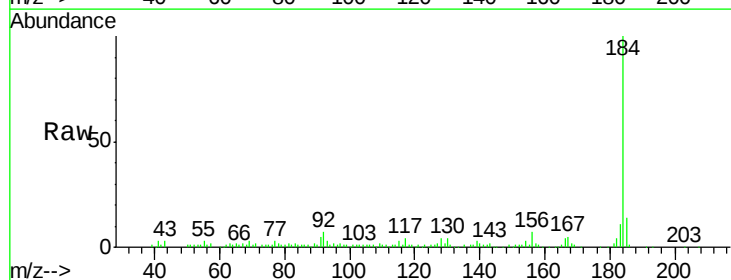
Instrument :
BNA_F
ClientSampleId :
13MSD

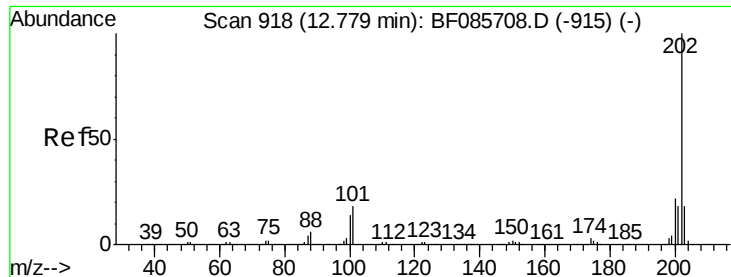
Tot Ion:240 Resp: 214345
Ion Ratio Lower Upper
240 100
120 8.8 13.8 20.8#
236 26.7 20.6 30.8



#76
Benzidine
Concen: 15.99 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:184 Resp: 120705
Ion Ratio Lower Upper
184 100
185 14.4 12.4 18.6
183 11.3 9.4 14.2

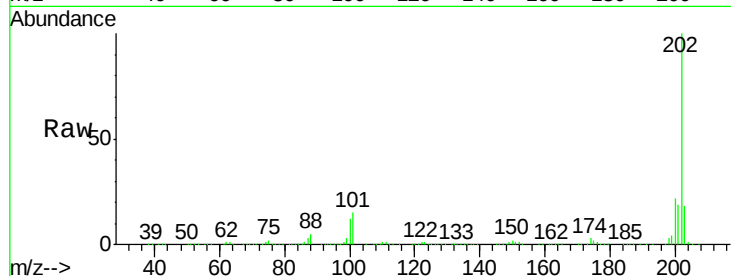




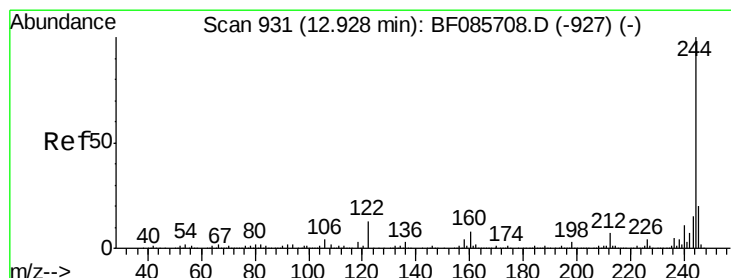
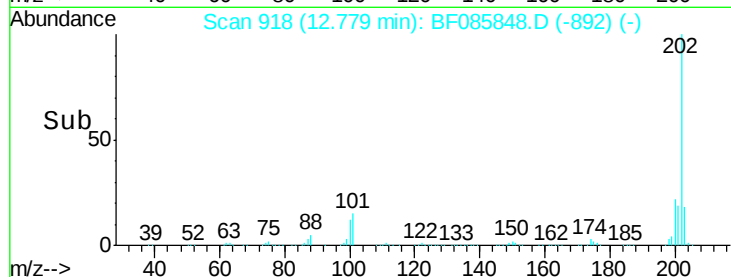
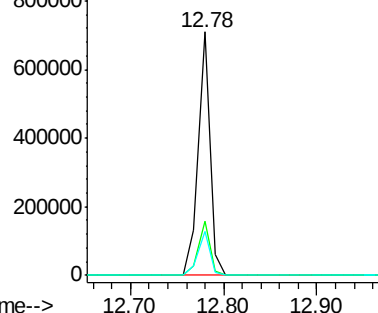
#77
Pvrene
Concen: 35.43 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
13MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.2	14.0	21.0

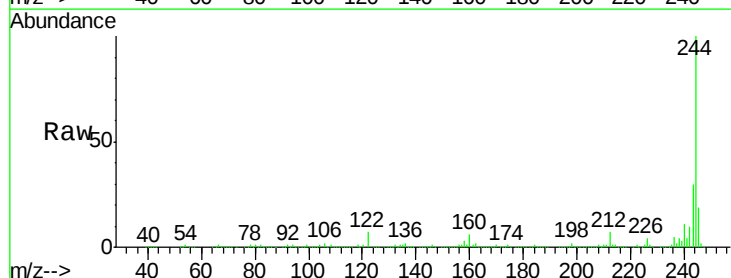


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

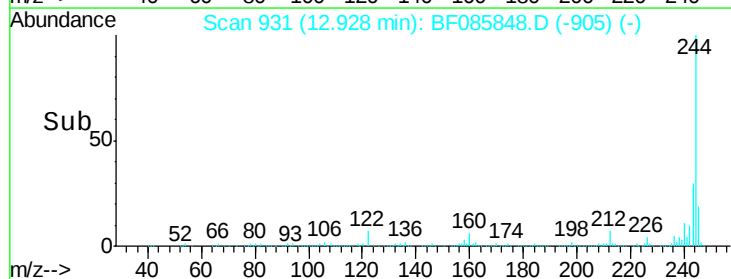
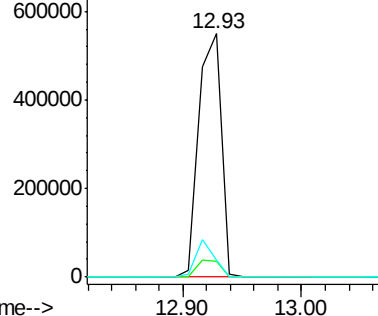


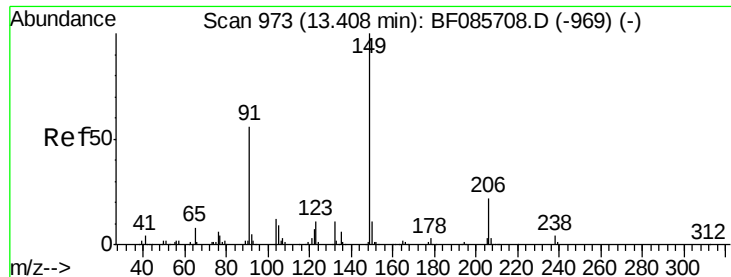
#78
Terphenyl-d14
Concen: 69.08 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.8	10.2	15.4#



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: 41.44 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

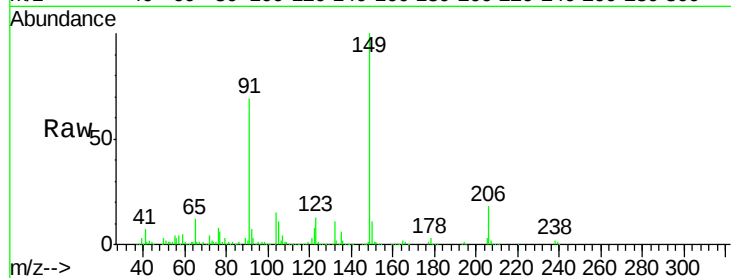
Tot Ion:149 Resp: 305754

Ion Ratio Lower Upper

149 100

91 69.2 45.8 68.8#

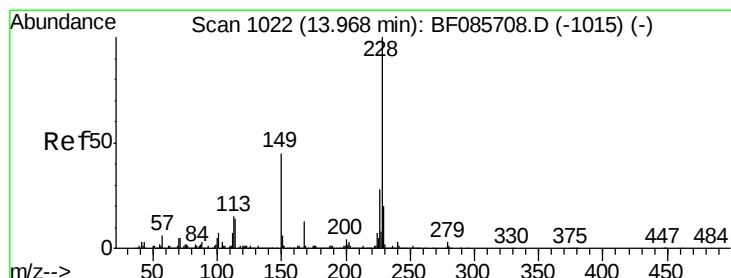
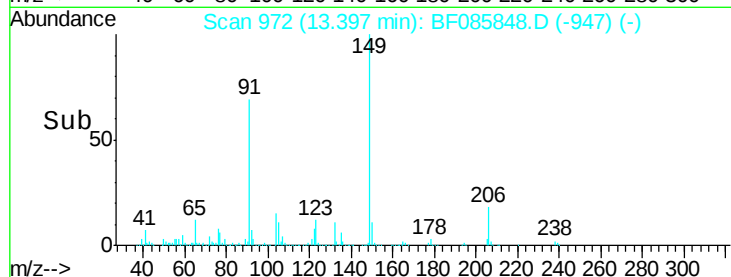
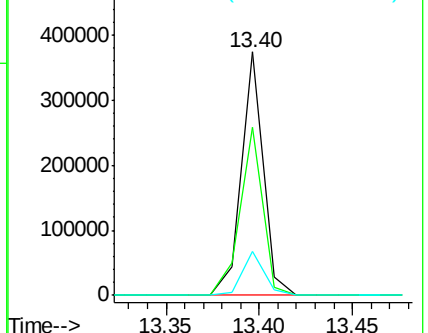
206 17.9 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.17 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

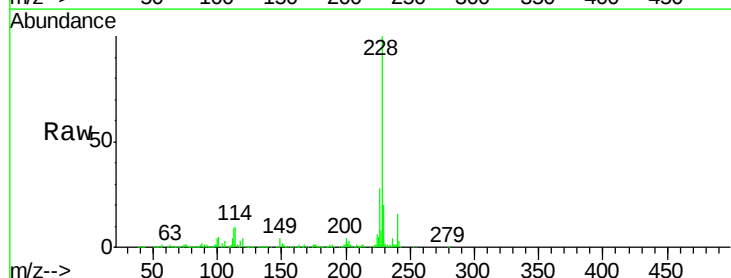
Tgt Ion:228 Resp: 478772

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

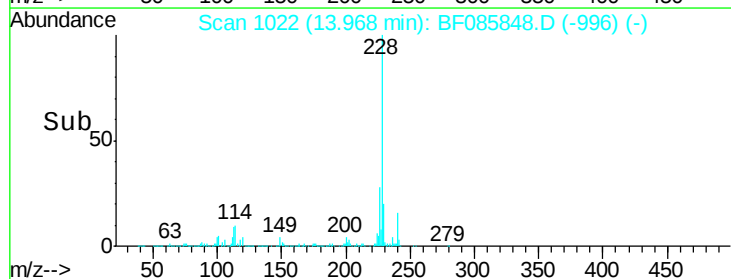
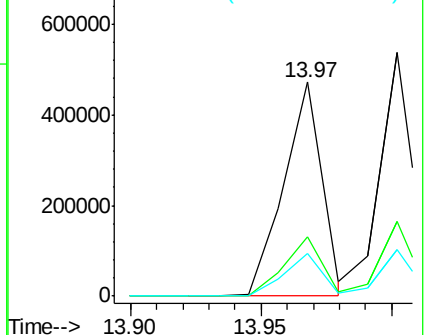
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

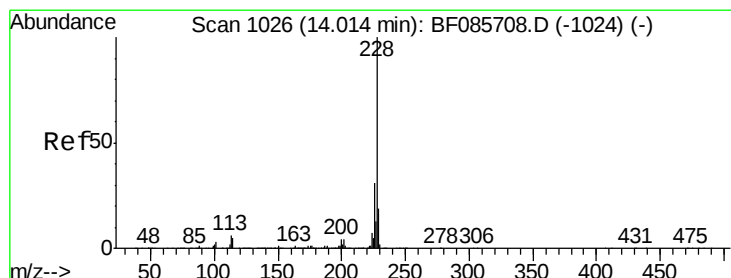
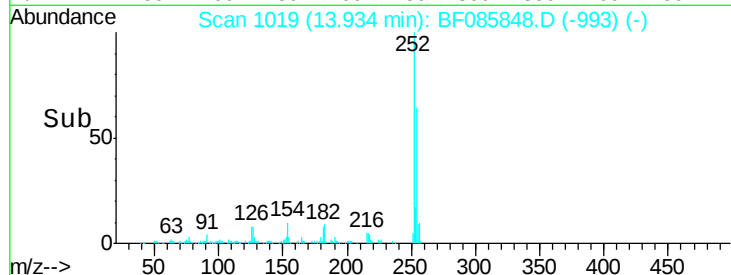
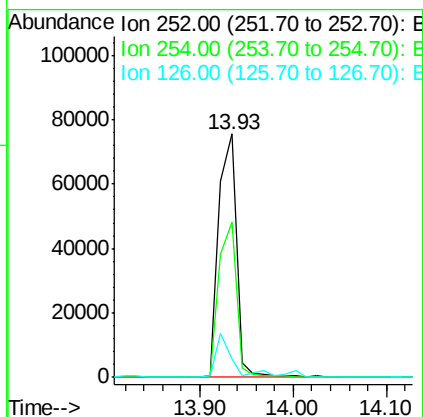
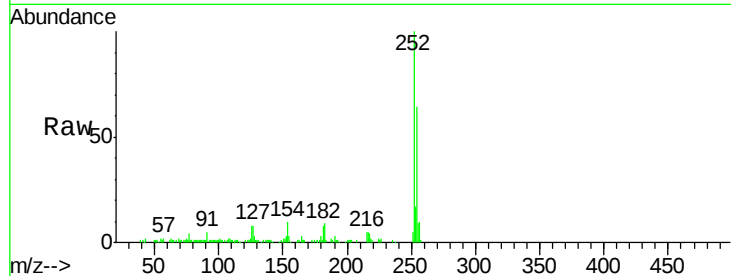




#81
 3,3'-Dichlorobenzidine
 Concen: 11.77 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

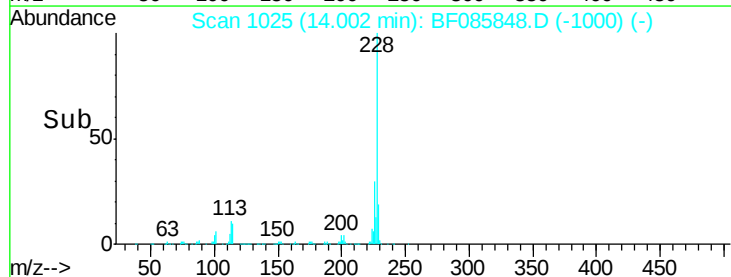
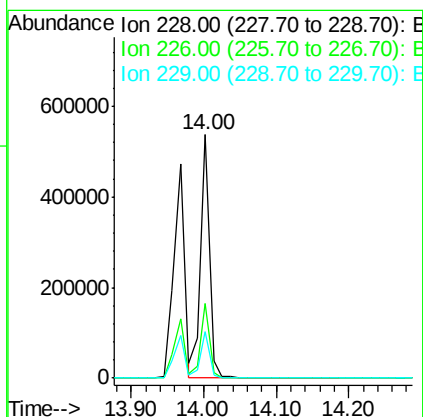
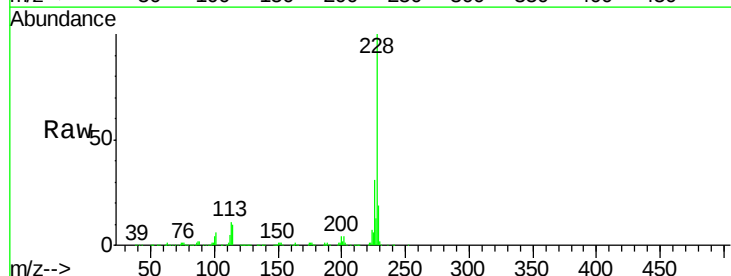
Instrument :
 BNA_F
 ClientSampleId :
 13MSD

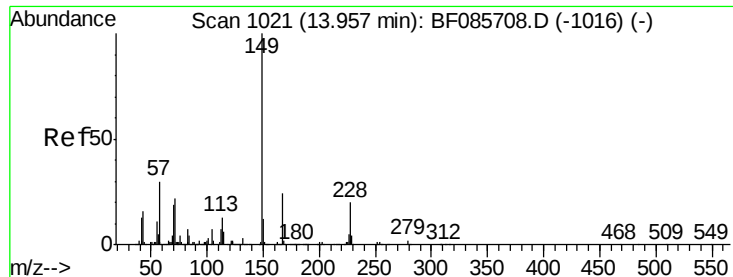
Tot Ion:252 Resp: 99856
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 7.5 11.8 17.6#



#82
 Chrysene
 Concen: 37.76 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Tgt Ion:228 Resp: 464815
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.3 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.66 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

13MSD

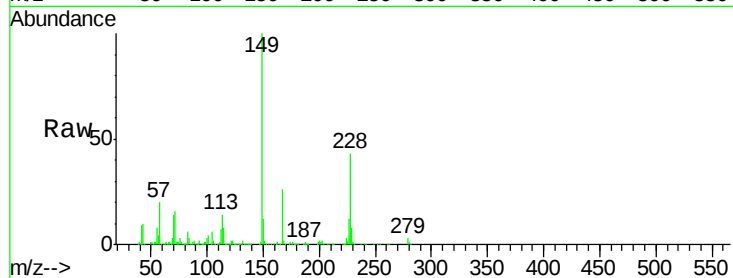
Tot Ion:149 Resp: 394570

Ion Ratio Lower Upper

149 100

167 26.2 19.4 29.2

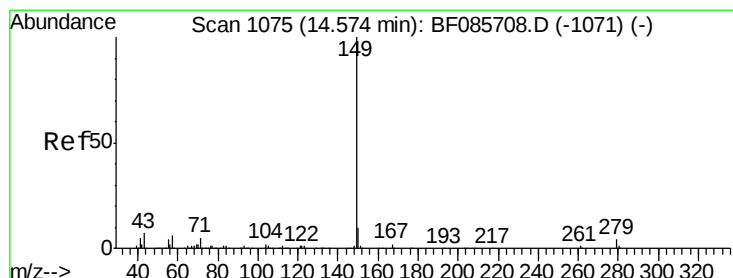
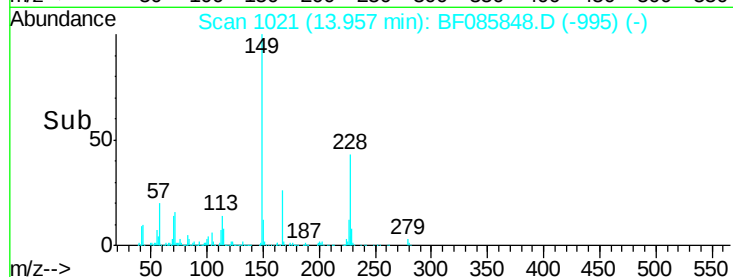
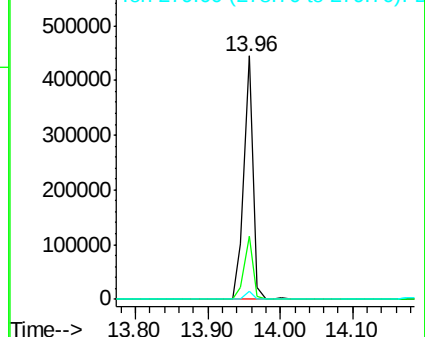
279 3.3 1.5 2.3#



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: 46.06 ng

RT: 14.56 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

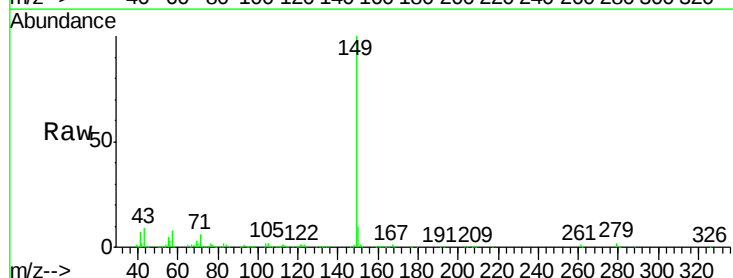
Tgt Ion:149 Resp: 605109

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

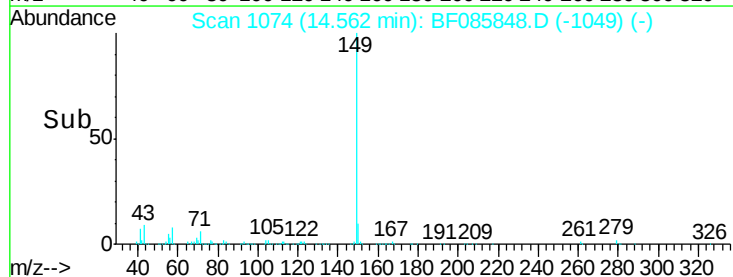
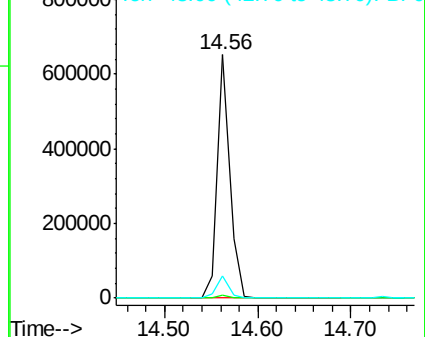
43 8.9 7.1 10.7

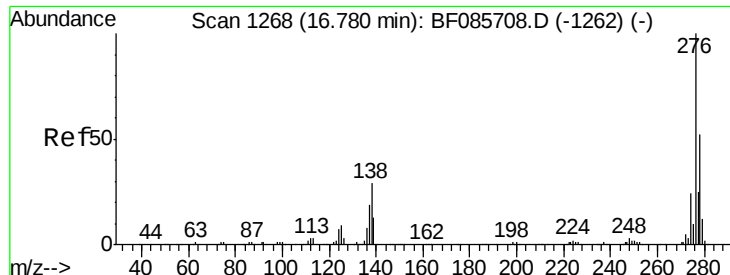


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

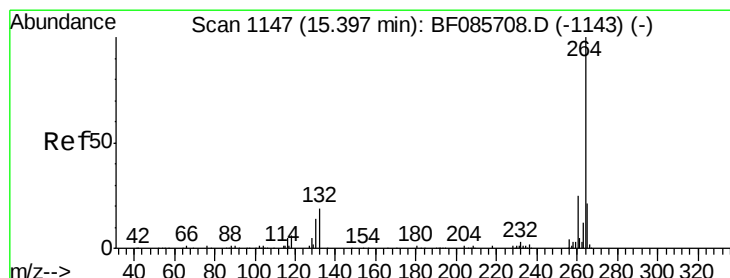
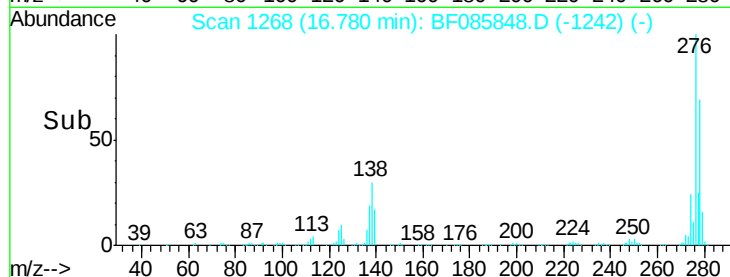
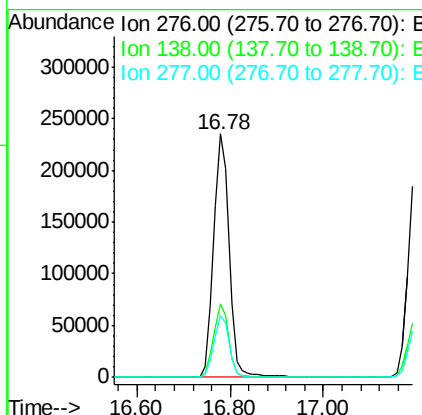
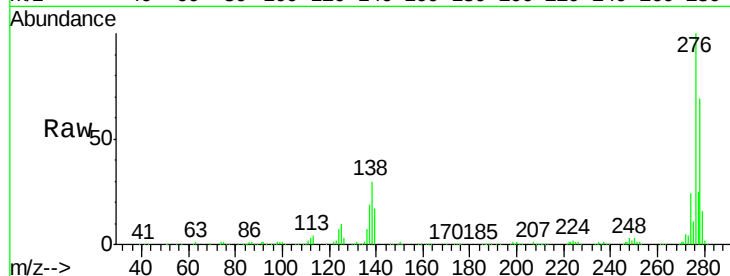




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.89 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

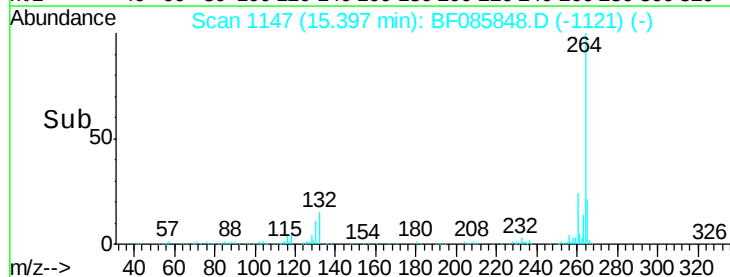
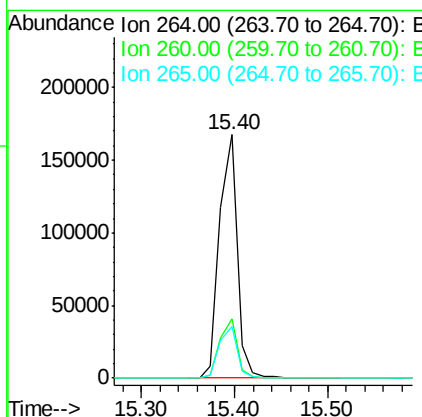
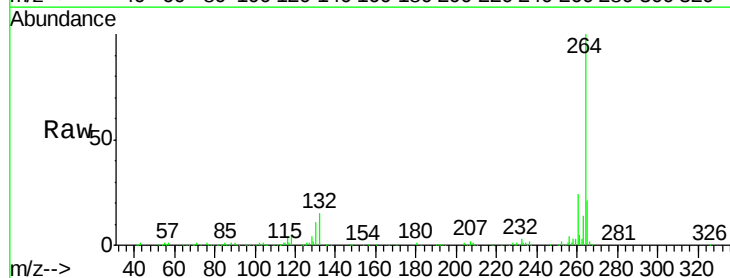
Instrument :
BNA_F
ClientSampleId :
13MSD

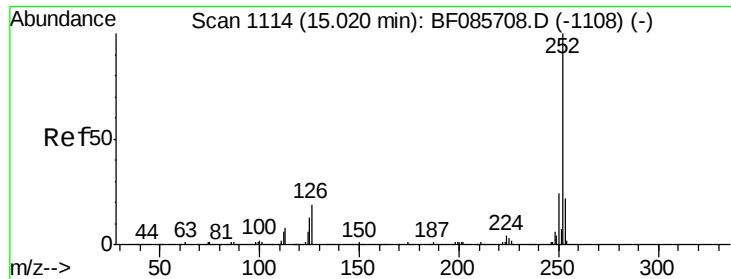
Tot Ion:276 Resp: 550284
Ion Ratio Lower Upper
276 100
138 29.7 24.2 36.4
277 25.0 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:264 Resp: 222289
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.4 17.2 25.8

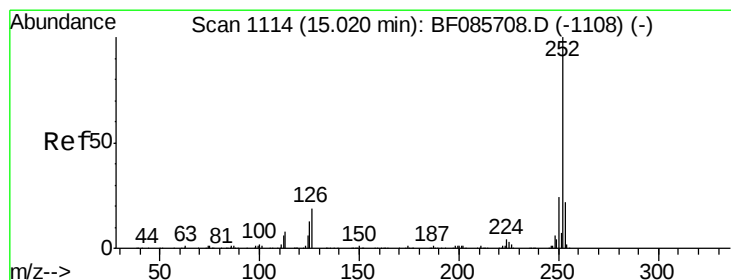
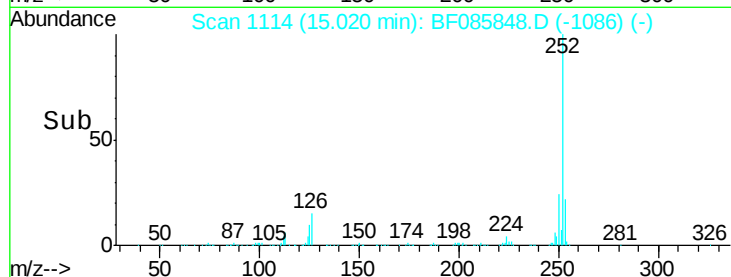
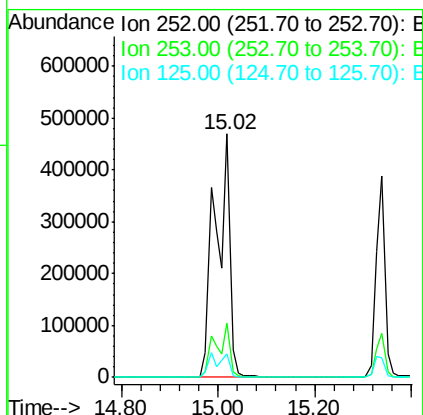
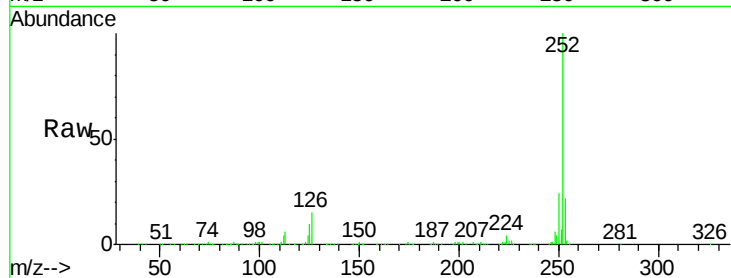




#87
Benzo(b)fluoranthene
Concen: 71.46 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

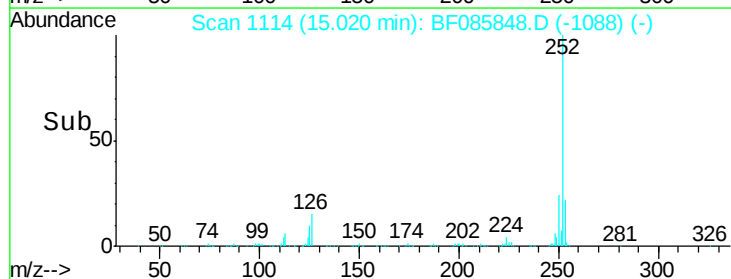
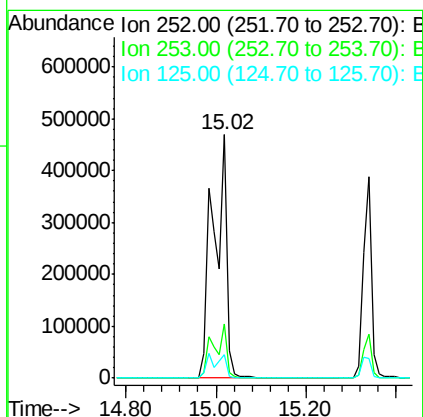
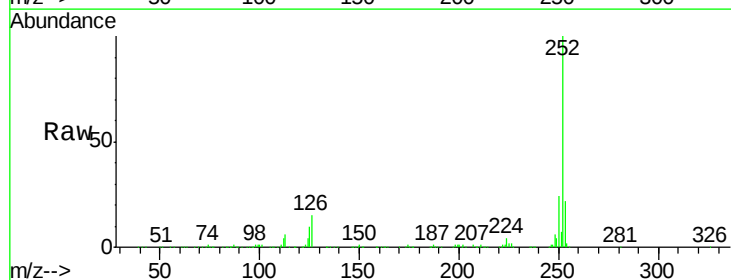
Instrument :
BNA_F
ClientSampleId :
13MSD

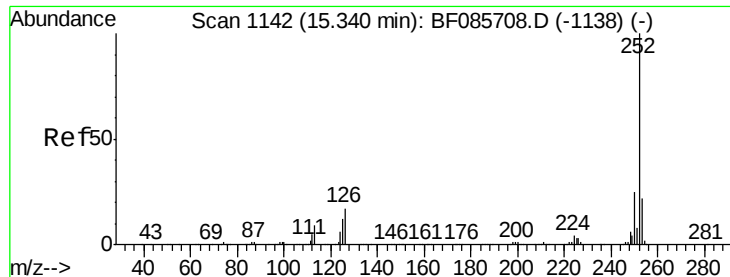
Tot Ion:252 Resp: 1000642
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.6 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 79.30 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085848.D
Acq: 29 Mar 2016 13:08

Tgt Ion:252 Resp: 1001128
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.6 7.7 11.5





#89

Benzo(a)pyrene

Concen: 39.84 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

Instrument :

BNA_F

ClientSampled :

13MSD

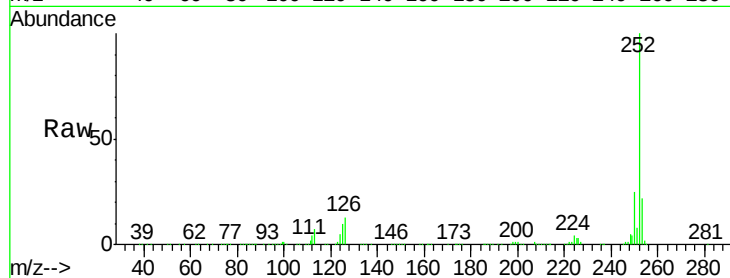
Tot Ion:252 Resp: 495403

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

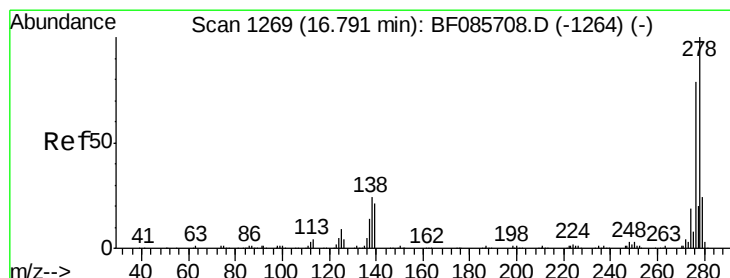
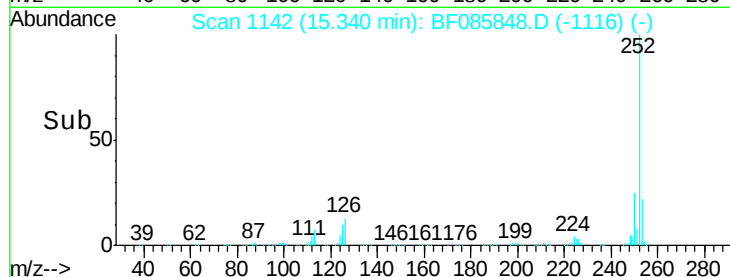
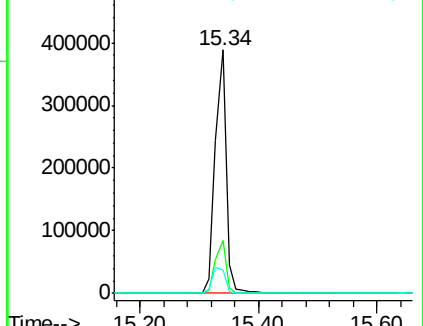
125 9.8 10.3 15.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 40.63 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085848.D

Acq: 29 Mar 2016 13:08

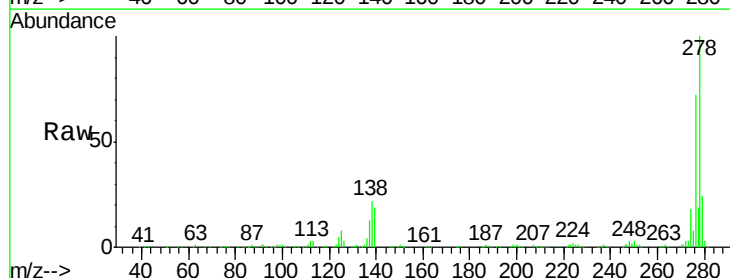
Tgt Ion:278 Resp: 469346

Ion Ratio Lower Upper

278 100

139 18.9 14.4 21.6

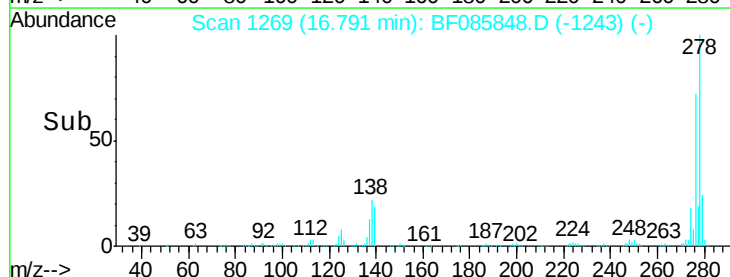
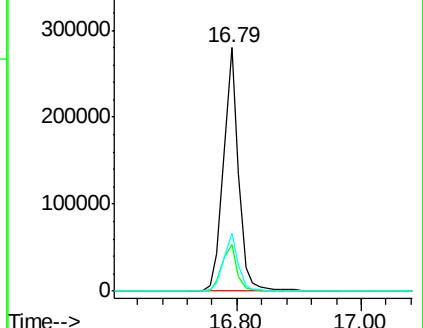
279 24.0 19.1 28.7

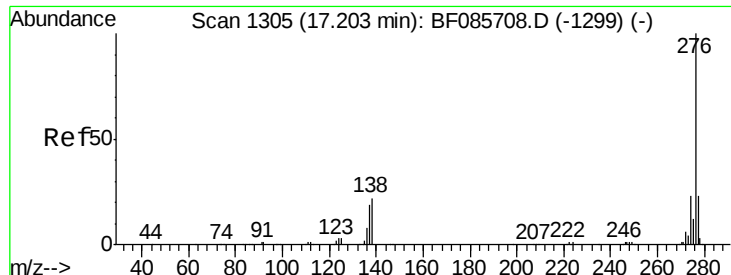


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

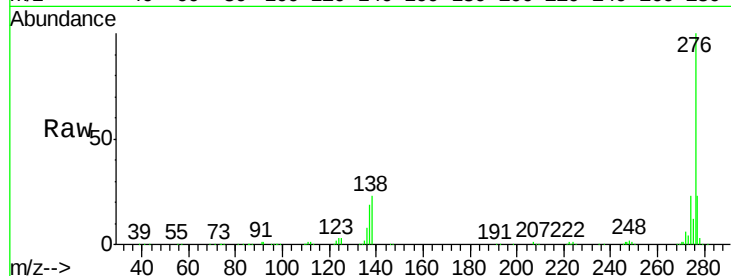




#91
 Benzo(a,h,i)perylene
 Concen: 37.50 ng
 RT: 17.20 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF085848.D
 Acq: 29 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 13MSD

Tot Ion: 276 Resp: 438622
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 22.7 22.6 34.0



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

