

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085088.D
 Acq On : 17 Feb 2016 15:09
 Operator : SJ/IZ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 15:37:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 15:24:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218782	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	881556	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	405595	20.00	ng	0.01
63) Phenanthrene-d10	11.52	188	790450	20.00	ng	0.00
75) Chrysene-d12	14.16	240	679460	20.00	ng	0.00
86) Perylene-d12	15.63	264	575892	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1773022	141.70	ng	0.01
7) Phenol-d6	6.63	99	2356593	141.32	ng	0.01
23) Nitrobenzene-d5	7.56	82	2332291	156.23	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	731800	174.69	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	3225801	113.69	ng	0.00
78) Terphenyl-d14	13.11	244	3159009	95.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	484858	94.06	ng	89
3) Pyridine	3.48	79	1307577	108.59	ng	92
4) n-Nitrosodimethylamine	3.46	42	607874	98.11	ng	89
6) Aniline	6.67	93	1732952	100.58	ng	# 70
8) 2-Chlorophenol	6.79	128	1139548	74.09	ng	92
9) Benzaldehyde	6.55	77	489104	54.45	ng	92
10) Phenol	6.64	94	1509479	77.39	ng	# 48
11) bis(2-Chloroethyl)ether	6.74	93	1149766	62.79	ng	96
12) 1,3-Dichlorobenzene	7.02	146	1102412	72.08	ng	97
13) 1,4-Dichlorobenzene	7.02	146	1102412	64.77	ng	95
14) 1,2-Dichlorobenzene	7.18	146	1094922	68.44	ng	98
15) Benzyl Alcohol	7.14	79	897920	88.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1633762	63.59	ng	97
17) 2-Methylphenol	7.24	107	921992	82.80	ng	# 86
18) Hexachloroethane	7.52	117	461470	73.58	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	822085	78.26	ng	87
20) 3+4-Methylphenols	7.40	107	978561	69.61	ng	93
22) Acetophenone	7.42	105	1466536	64.91	ng	# 95
24) Nitrobenzene	7.59	77	1151393	70.59	ng	98
25) Isophorone	7.83	82	2259784	84.38	ng	98
26) 2-Nitrophenol	7.90	139	516555	66.07	ng	95
27) 2,4-Dimethylphenol	7.93	122	991445	78.38	ng	98
28) bis(2-Chloroethoxy)methane	8.03	93	1262824	75.97	ng	96
29) 2,4-Dichlorophenol	8.14	162	874385	76.05	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	1013154	76.45	ng	100
31) Naphthalene	8.31	128	2593437	60.68	ng	# 94
32) Benzoic acid	8.09	122	909780	163.40	ng	97
33) 4-Chloroaniline	8.35	127	1307195	80.63	ng	97
34) Hexachlorobutadiene	8.42	225	566081	76.27	ng	95
35) Caprolactam	8.75	113	310118	100.33	ng	# 89
36) 4-Chloro-3-methylphenol	8.83	107	1044087	80.09	ng	94
37) 2-Methylnaphthalene	8.99	142	1768362	64.86	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	994614	75.90	ng	96
40) Hexachlorocyclopentadiene	9.15	237	605928	139.01	ng	99

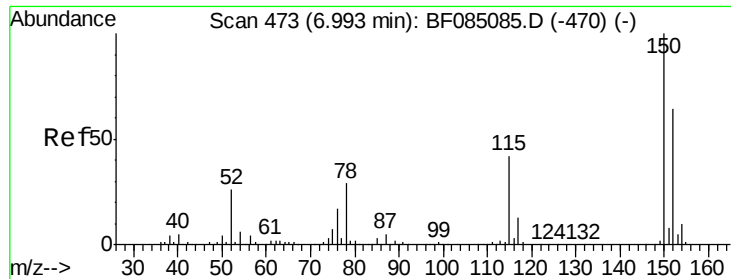
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085088.D
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 Operator : SJ/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 15:24:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	716882	99.20	nq	94
43) 2,4,5-Trichlorophenol	9.31	196	700472	83.31	nq #	87
45) 1,1'-Biphenyl	9.46	154	2047481	55.50	nq	91
46) 2-Chloronaphthalene	9.48	162	1770016	67.71	nq	95
47) 2-Nitroaniline	9.58	65	541669	67.12	nq	92
48) Acenaphthylene	9.91	152	2939797	70.83	nq #	93
49) Dimethylphthalate	9.77	163	2313228	76.07	nq #	96
50) 2,6-Dinitrotoluene	9.83	165	578940	92.79	nq #	83
51) Acenaphthene	10.08	154	1849117	73.68	nq	97
52) 3-Nitroaniline	10.00	138	609901	87.99	nq #	78
53) 2,4-Dinitrophenol	10.09	184	221291	107.12	nq	89
54) Dibenzofuran	10.25	168	2489477	74.16	nq	97
55) 4-Nitrophenol	10.14	139	439066	98.73	nq	95
56) 2,4-Dinitrotoluene	10.23	165	700159	82.39	nq	95
57) Fluorene	10.59	166	1920104	66.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	558933	84.04	nq	93
59) Diethylphthalate	10.47	149	2237804	74.26	nq #	92
60) 4-Chlorophenyl-phenylether	10.58	204	1013480	73.47	nq	94
61) 4-Nitroaniline	10.62	138	562488	88.32	nq	95
62) Azobenzene	10.74	77	2262190	77.92	nq	92
64) 4,6-Dinitro-2-methylphenol	10.64	198	401549	95.39	nq #	69
65) n-Nitrosodiphenylamine	10.70	169	1727943	68.85	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	756935	85.97	nq #	89
67) Hexachlorobenzene	11.14	284	776750	82.51	nq #	72
68) Atrazine	11.22	200	494394	67.97	nq	94
69) Pentachlorophenol	11.32	266	507847	140.31	nq	95
70) Phenanthrene	11.55	178	2851537	65.42	nq	94
71) Anthracene	11.60	178	2555970	56.12	nq #	92
72) Carbazole	11.75	167	2610016	69.21	nq	96
73) Di-n-butylphthalate	12.08	149	2695446	54.45	nq #	95
74) Fluoranthene	12.73	202	3132920	72.14	nq	91
76) Benzo(a)pyrene	12.86	184	1365196	114.11	nq #	92
77) Pyrene	12.97	202	3257512	59.94	nq	94
79) Butylbenzylphthalate	13.58	149	1286752	56.29	nq	94
80) Benzo(a)anthracene	14.15	228	2661543	67.65	nq	92
81) 3,3'-Dichlorobenzidine	14.11	252	1032688	90.31	nq	99
82) Chrysene	14.19	228	2686955	70.42	nq	92
83) Bis(2-ethylhexyl)phthalate	14.14	149	1747684	58.16	nq #	95
84) Di-n-octyl phthalate	14.75	149	3045141	71.32	nq	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	2479165	78.20	nq	99
87) Benzo(b)fluoranthene	15.21	252	2981486	78.97	nq #	96
88) Benzo(k)fluoranthene	15.21	252	2981486	98.85	nq	96
89) Benzo(a)pyrene	15.58	252	2327003	72.88	nq #	94
90) Dibenzo(a,h)anthracene	17.14	278	2003574	66.11	nq	96
91) Benzo(g,h,i)perylene	17.58	276	2002287	63.63	nq	97

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

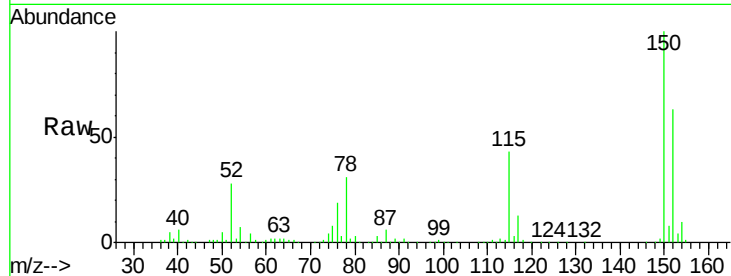


#1

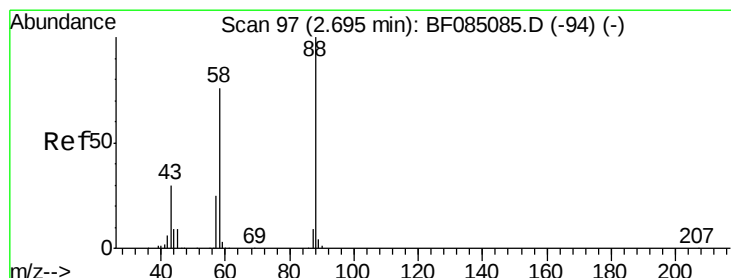
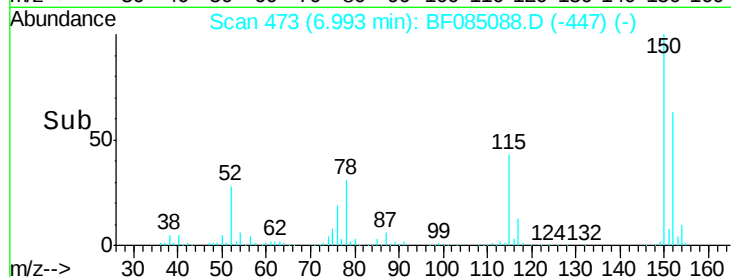
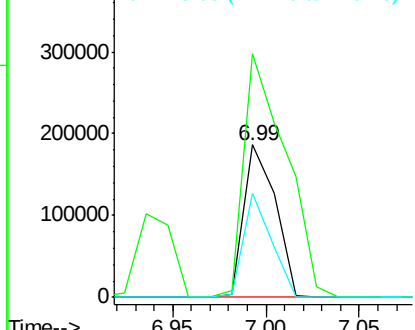
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 218782
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 68.4 50.5 75.7



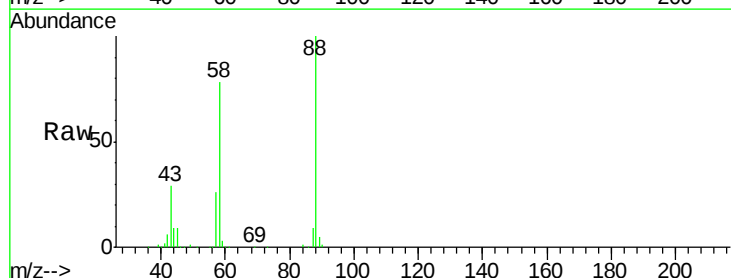
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



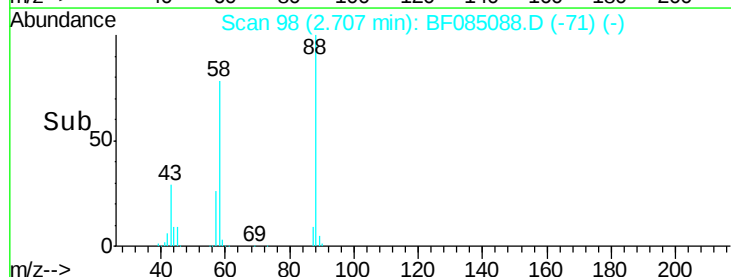
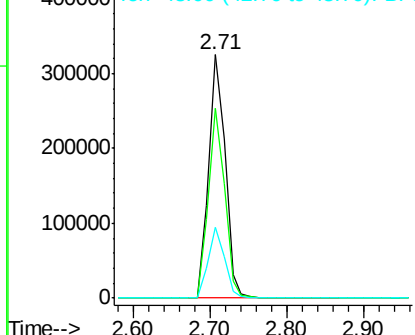
#2

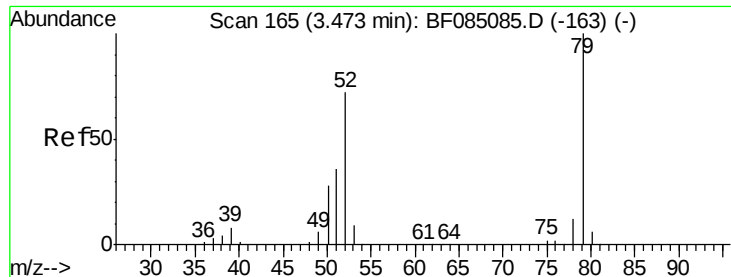
1,4-Dioxane
Concen: 94.06 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion: 88 Resp: 484858
Ion Ratio Lower Upper
88 100
58 76.7 70.9 106.3
43 28.6 25.9 38.9



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: 108.59 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

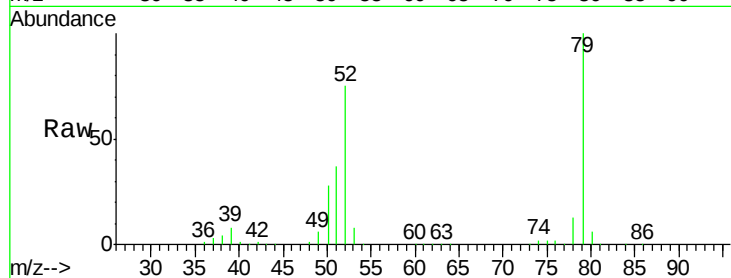
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1307577

Ion	Ratio	Lower	Upper
79	100		
52	75.3	67.1	100.7
51	37.0	32.7	49.1



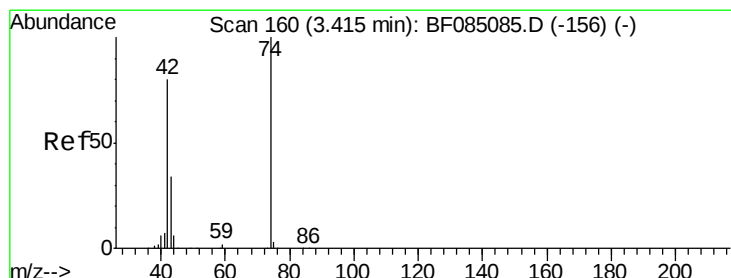
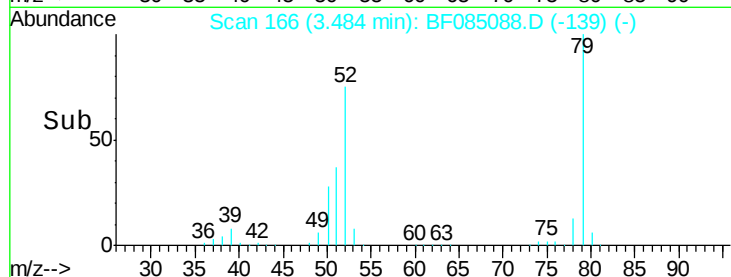
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

3.48

Time-->



#4

n-Nitrosodimethylamine

Concen: 98.11 ng

RT: 3.46 min Scan# 164

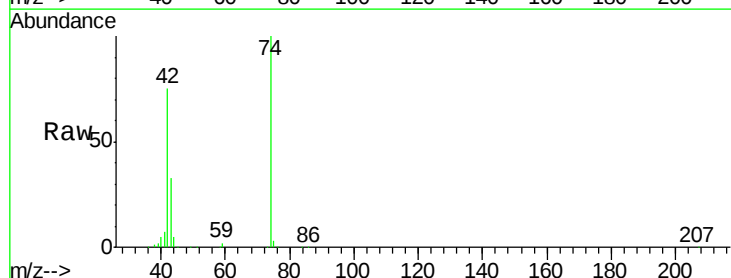
Delta R.T. 0.05 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Tgt Ion: 42 Resp: 607874

Ion	Ratio	Lower	Upper
42	100		
74	133.5	96.2	144.4
44	7.0	7.0	10.4



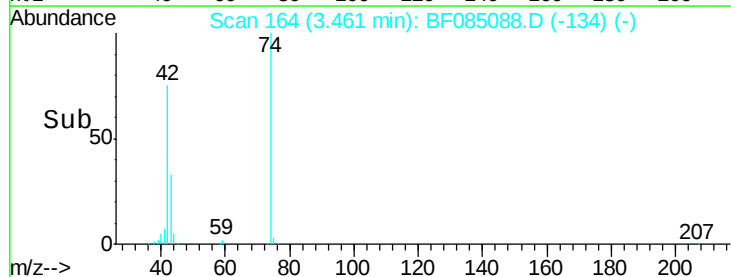
Abundance Ion 42.00 (41.70 to 42.70): BF0

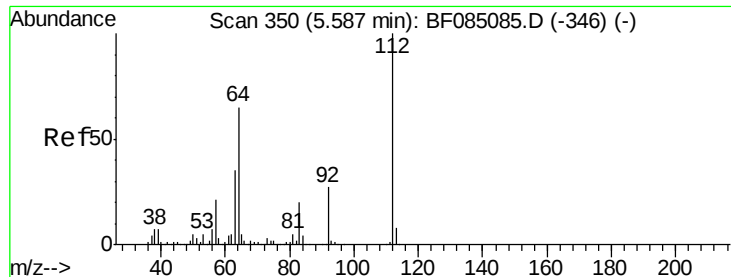
Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

3.46

Time-->





#5

2-Fluorophenol

Concen: 141.70 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

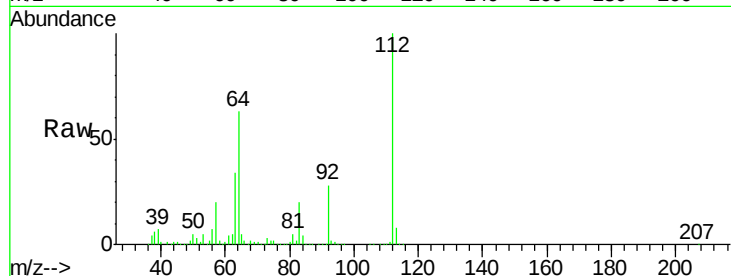
Tot Ion:112 Resp: 1773022

Ion Ratio Lower Upper

112 100

64 63.0 45.4 68.2

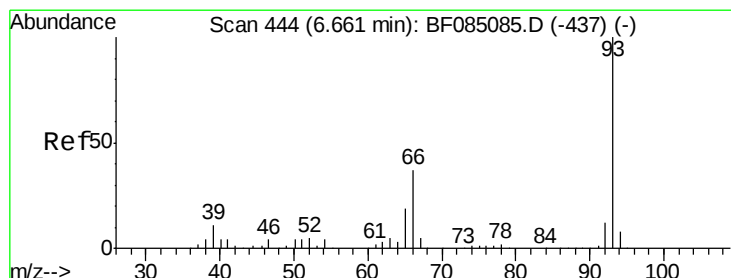
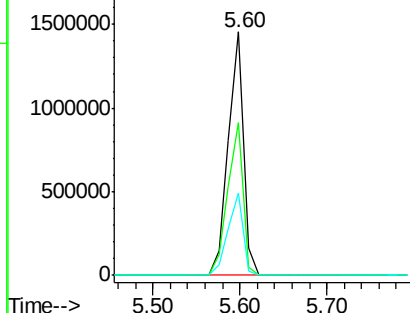
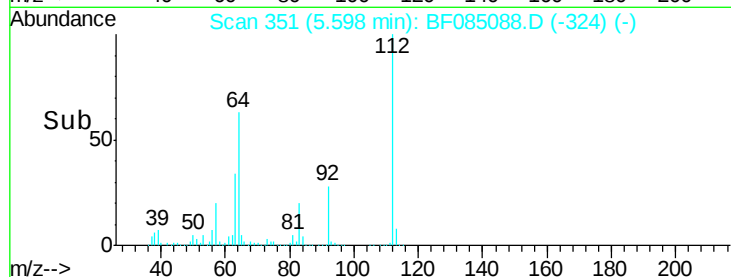
63 33.8 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 100.58 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

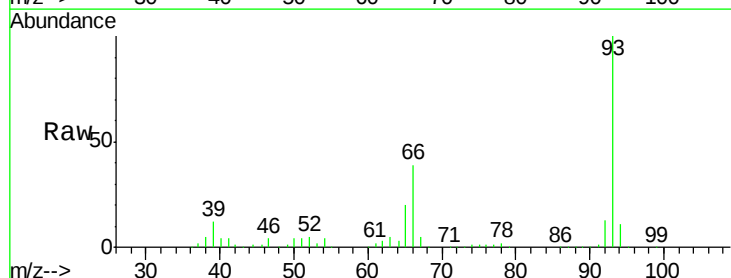
Tgt Ion: 93 Resp: 1732952

Ion Ratio Lower Upper

93 100

66 39.4 51.8 77.8#

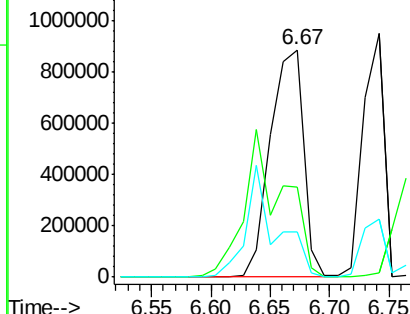
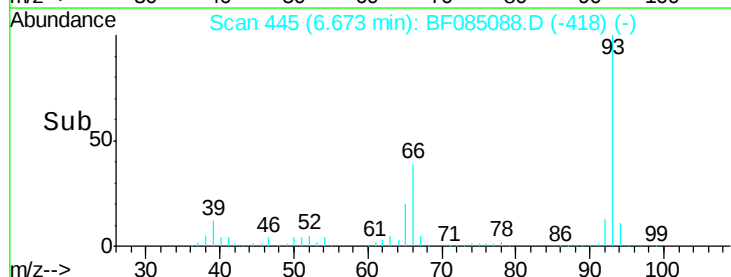
65 19.9 28.5 42.7#

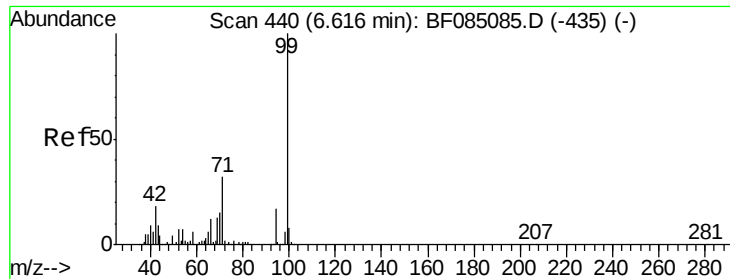


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.32 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

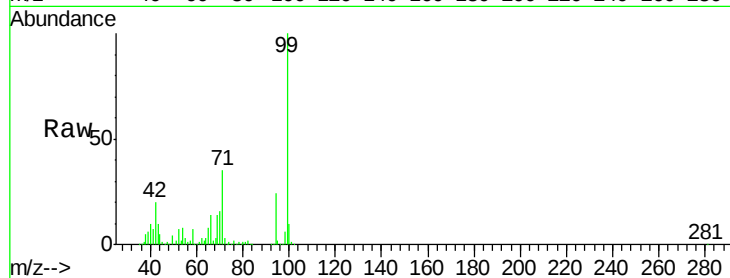
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2356593

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.0	25.4
71	34.9	28.3	42.5

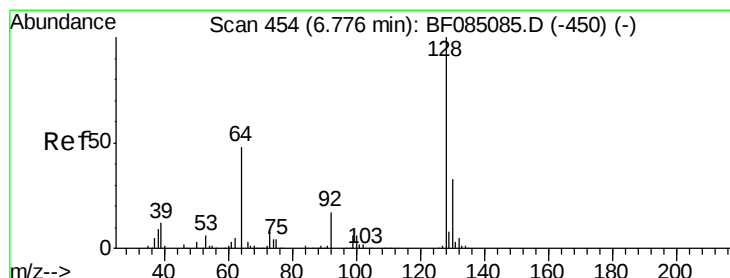
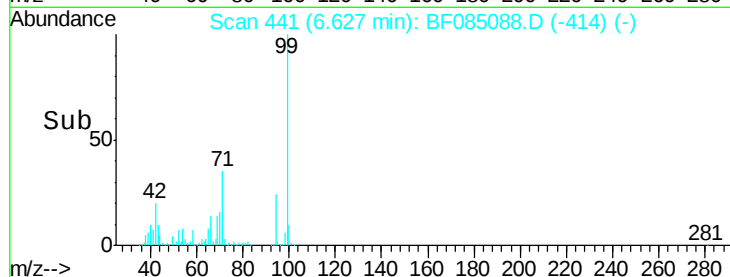
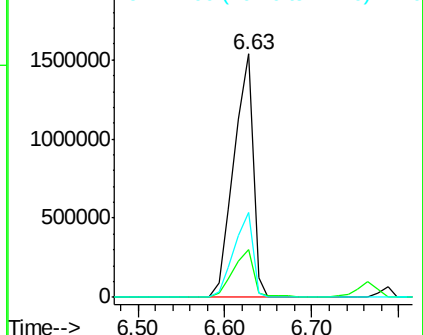


Abundance

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: 74.09 ng

RT: 6.79 min Scan# 455

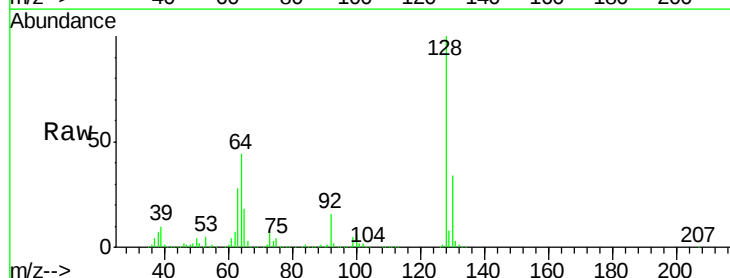
Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Tgt Ion: 128 Resp: 1139548

Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.4	52.4
64	44.4	32.1	72.1

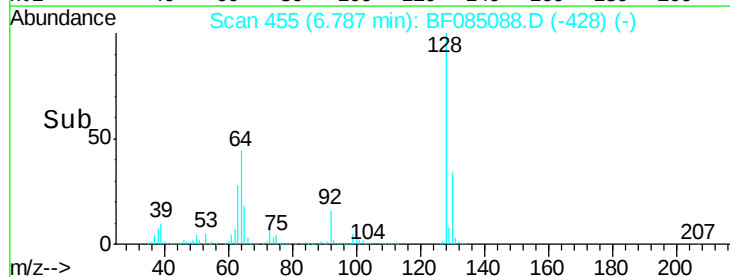
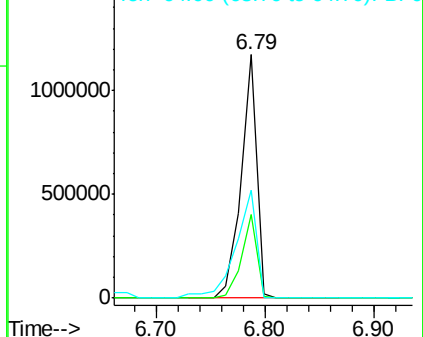


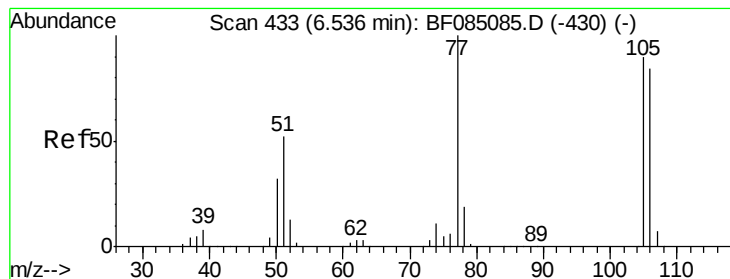
Abundance

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: 54.45 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampled :

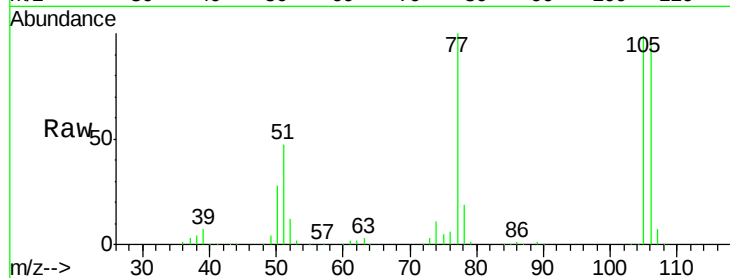
Tot Ion: 77 Resp: 489104

Ion Ratio Lower Upper

77 100

105 99.0 90.9 130.9

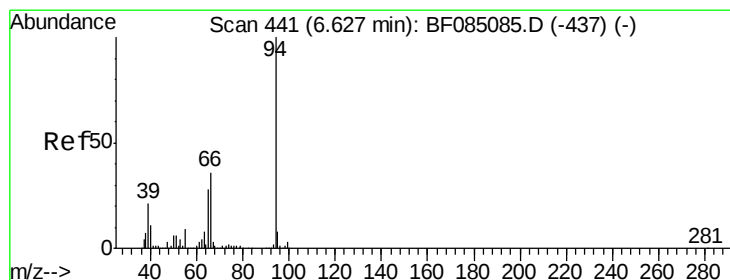
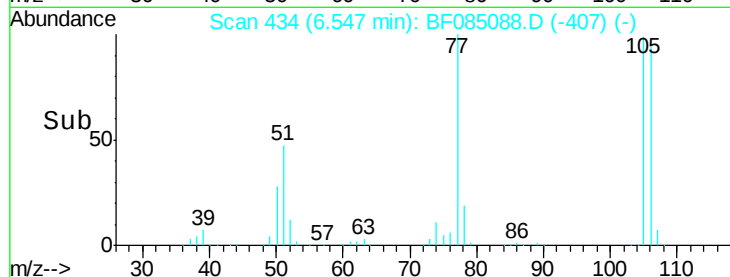
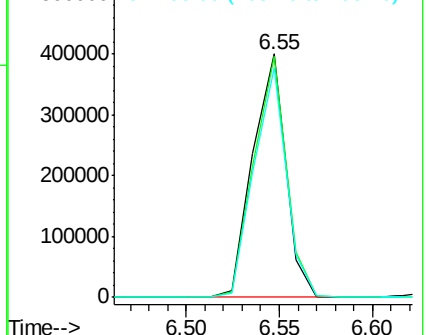
106 94.4 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 77.39 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

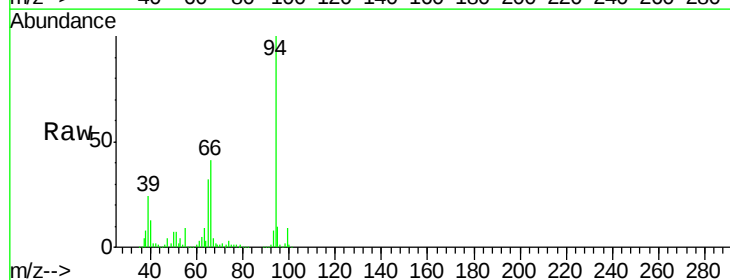
Tgt Ion: 94 Resp: 1509479

Ion Ratio Lower Upper

94 100

65 31.6 37.3 77.3#

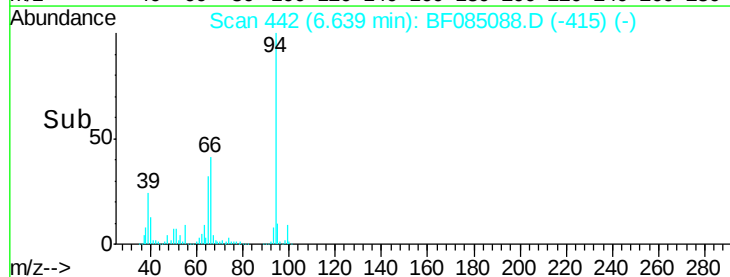
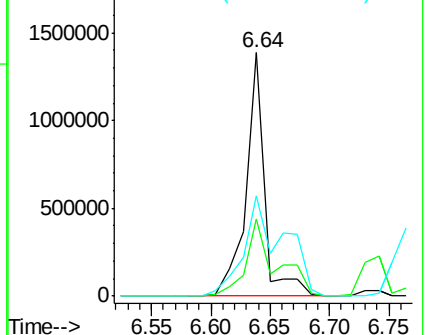
66 41.4 84.1 124.1#

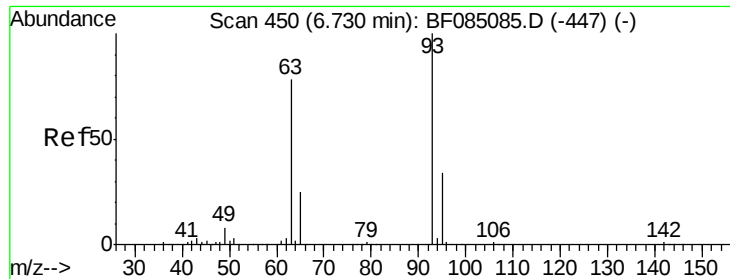


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

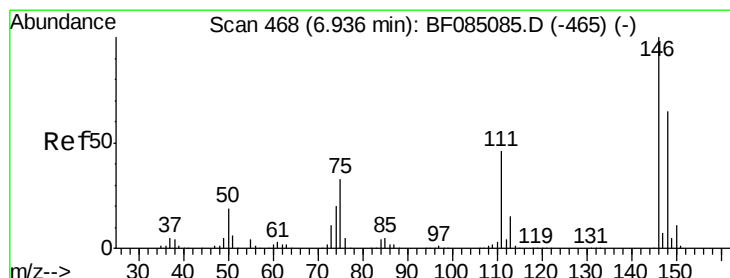
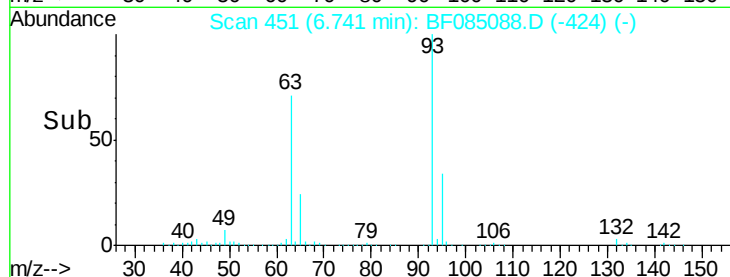
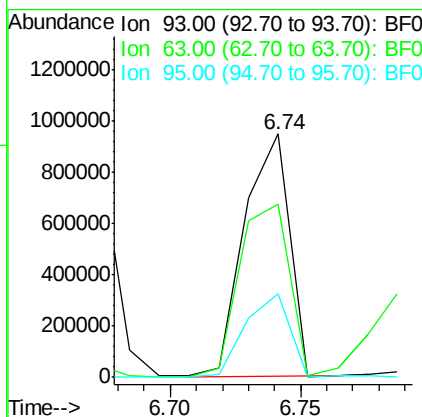
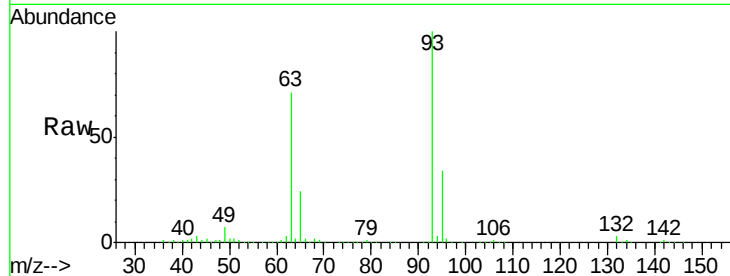




#11
bis(2-Chloroethyl)ether
Concen: 62.79 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

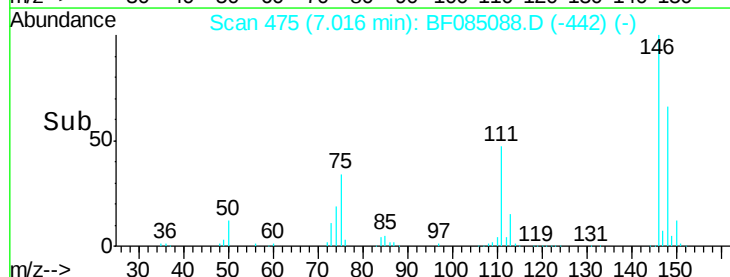
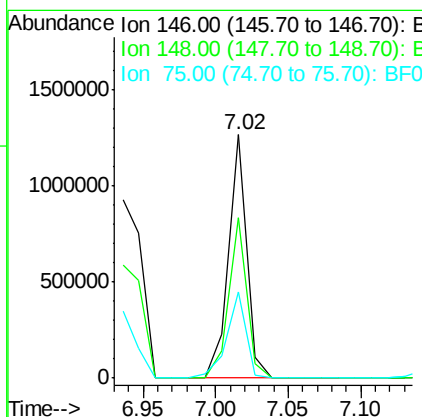
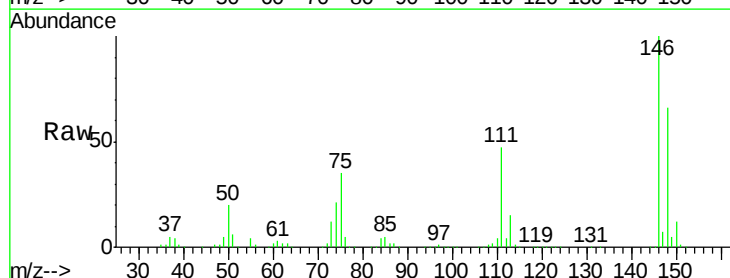
Instrument :
BNA_F
ClientSampleId :

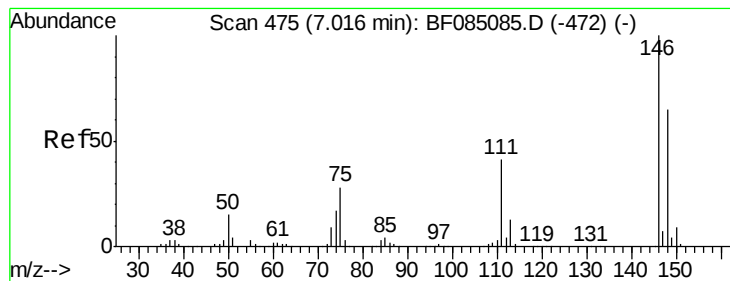
Tot Ion: 93 Resp: 1149766
Ion Ratio Lower Upper
93 100
63 71.4 53.6 93.6
95 34.2 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 72.08 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.08 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion: 146 Resp: 1102412
Ion Ratio Lower Upper
146 100
148 65.8 53.1 79.7
75 35.4 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 64.77 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

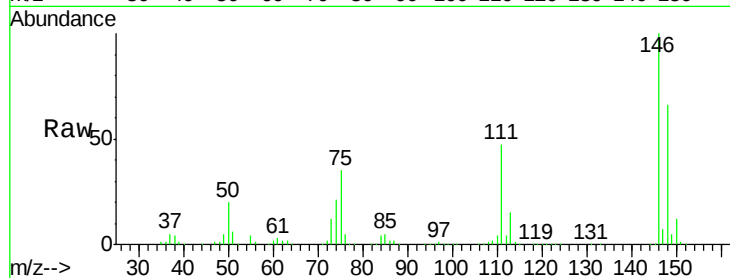
Tot Ion:146 Resp: 1102412

Ion Ratio Lower Upper

146 100

148 65.8 50.3 75.5

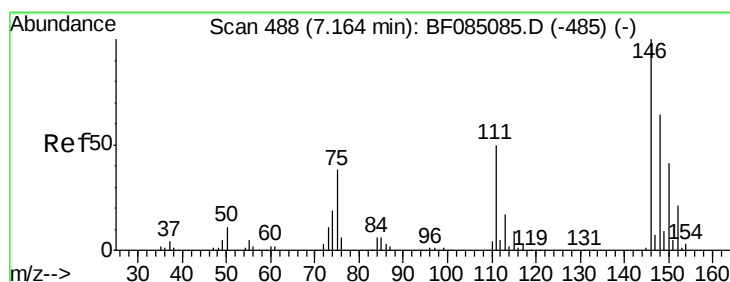
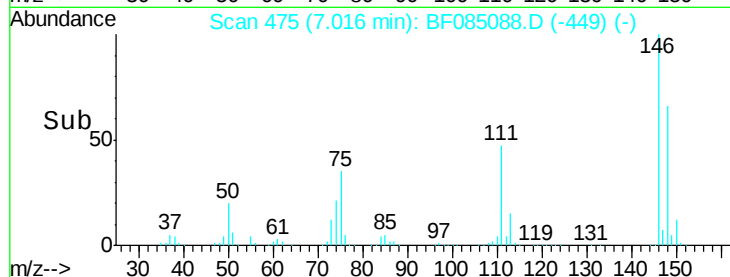
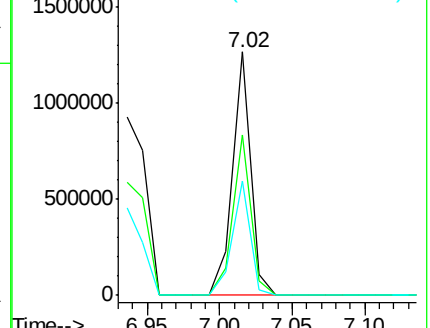
111 46.8 33.6 50.4



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: 68.44 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

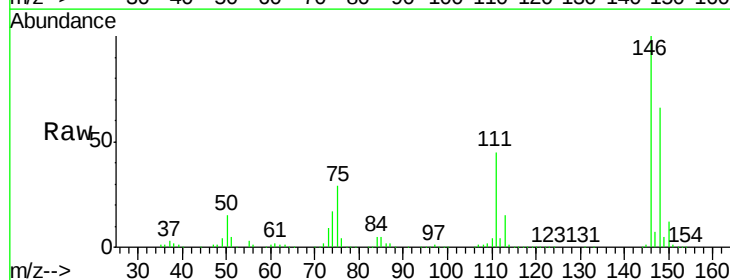
Tgt Ion:146 Resp: 1094922

Ion Ratio Lower Upper

146 100

148 66.3 51.5 77.3

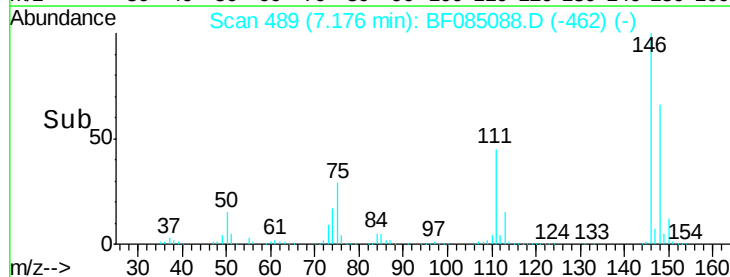
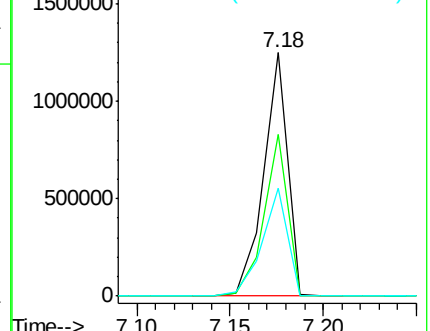
111 44.6 36.5 54.7

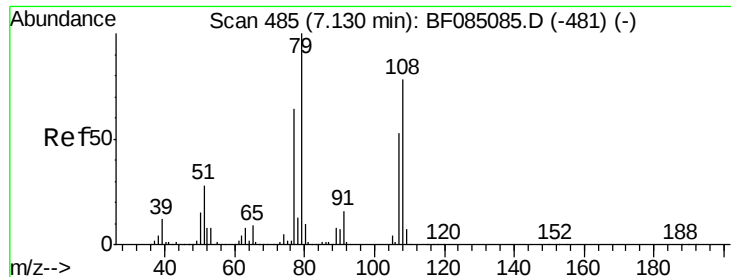


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 88.12 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampled :

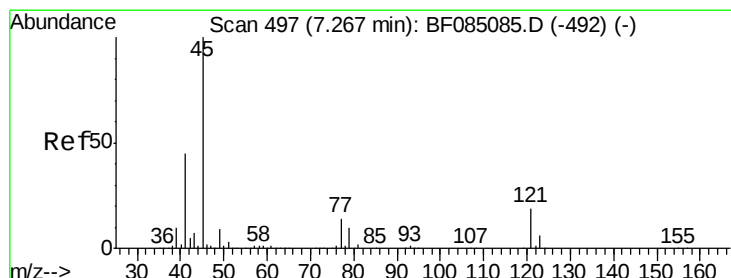
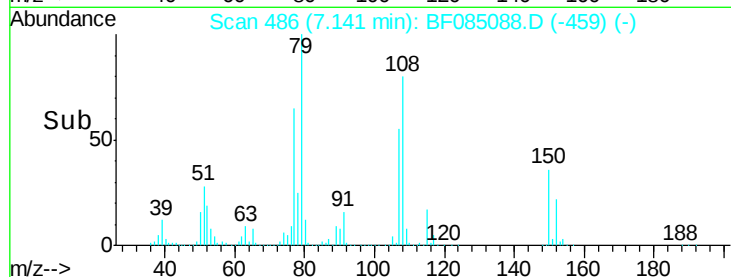
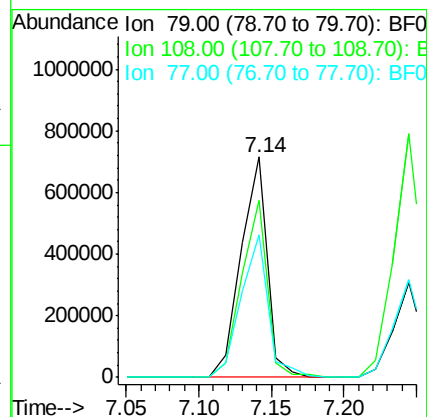
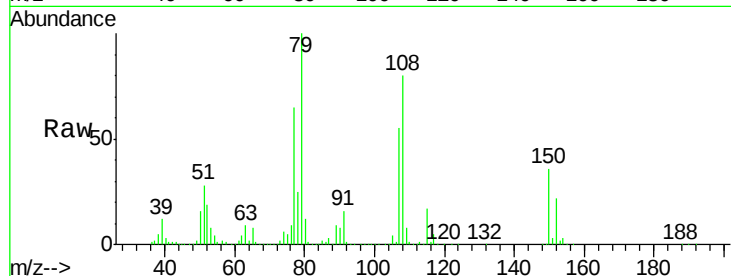
Tot Ion: 79 Resp: 897920

Ion Ratio Lower Upper

79 100

108 80.4 63.4 95.0

77 64.8 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.59 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

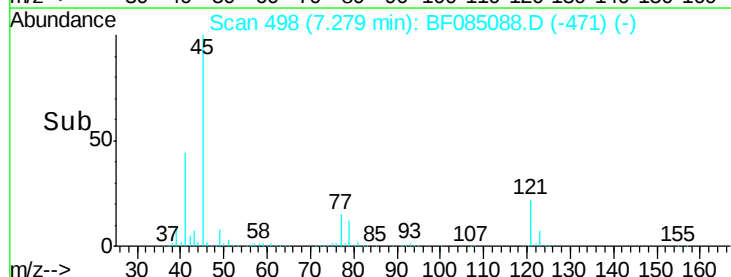
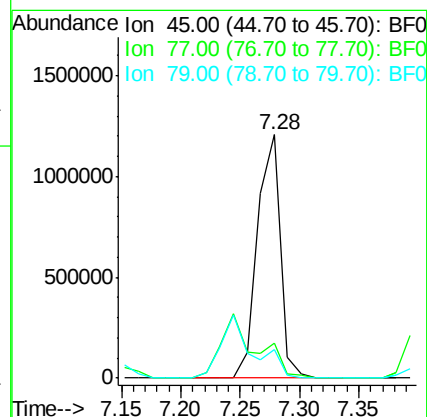
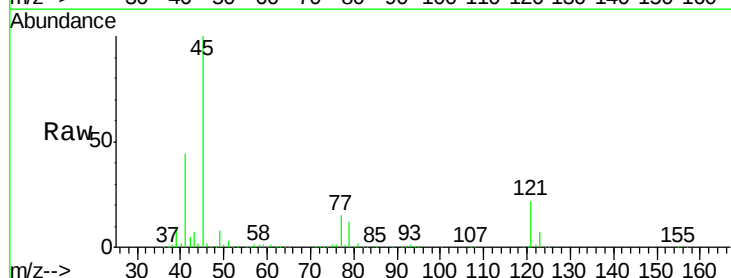
Tgt Ion: 45 Resp: 1633762

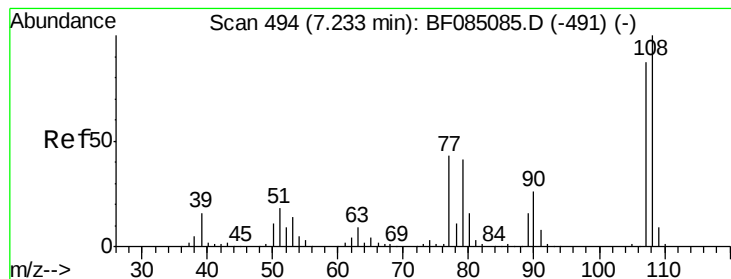
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

79 11.5 0.0 33.7

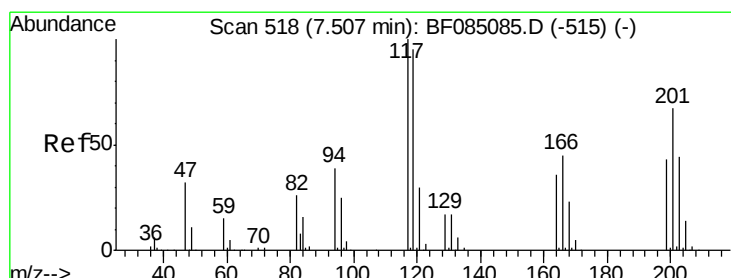
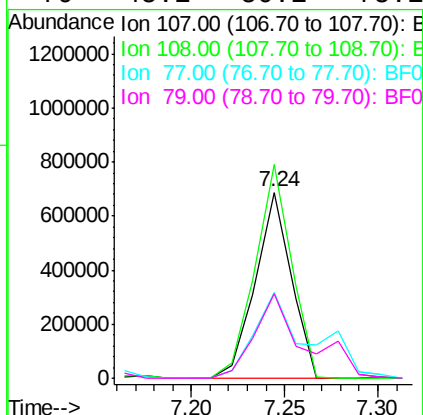
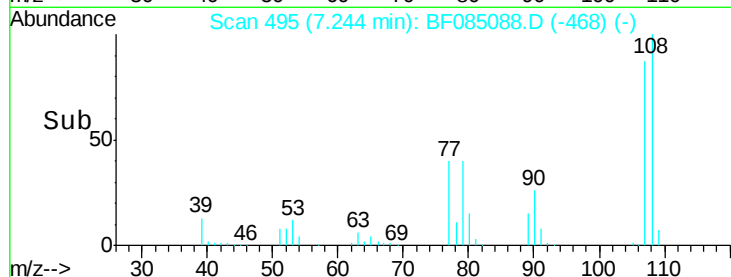
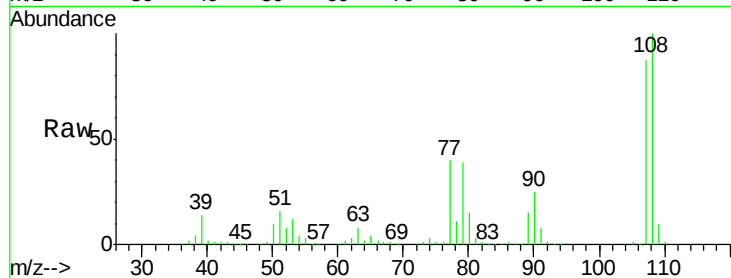




#17
2-Methylphenol
Concen: 82.80 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

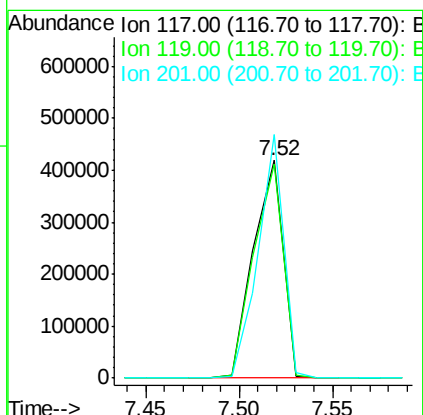
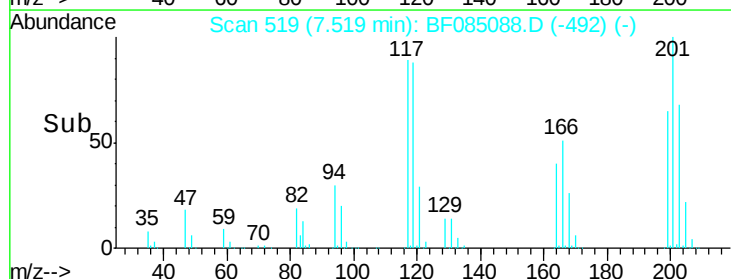
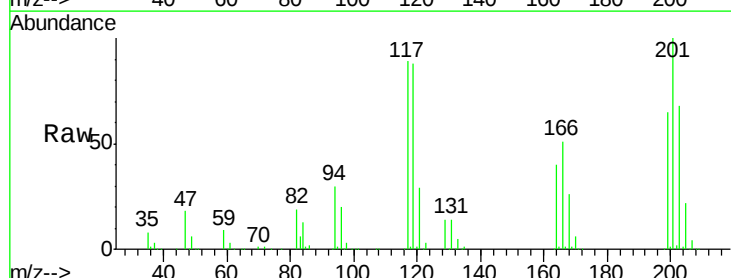
Instrument :
BNA_F
ClientSampleId :

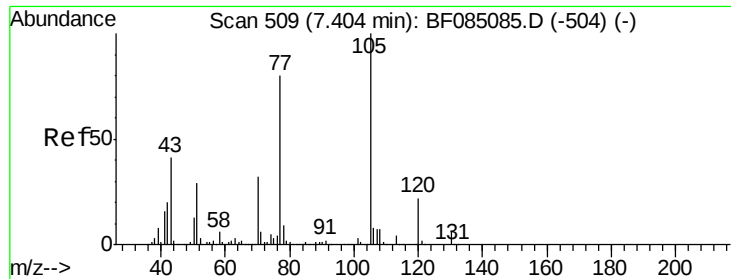
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	97.0	145.4
77	46.0	50.5	75.7#
79	45.1	50.1	75.1#



#18
Hexachloroethane
Concen: 73.58 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	74.5	111.7
201	111.9	80.9	121.3

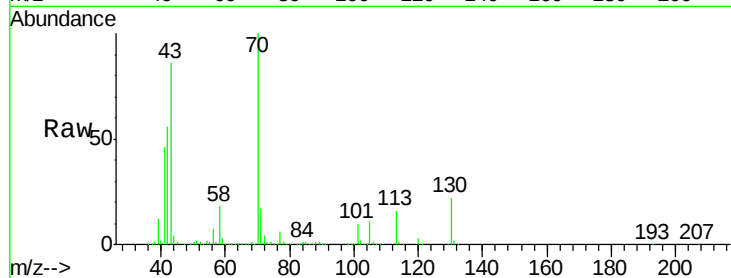




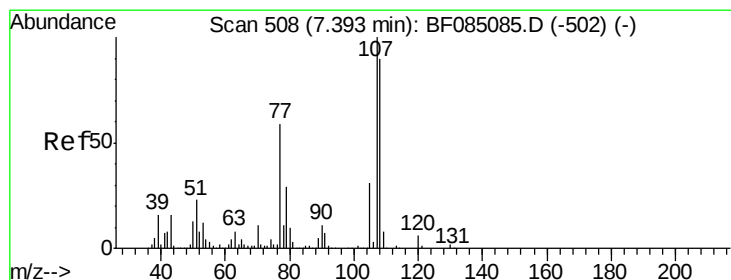
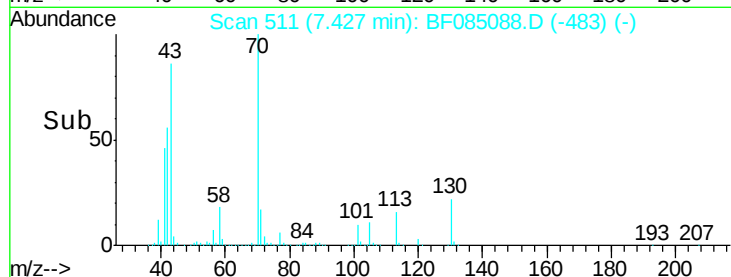
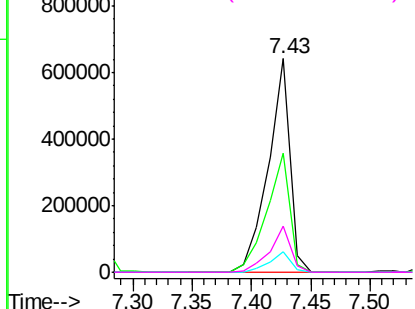
#19
n-Nitroso-di-n-propylamine
Concen: 78.26 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 822085
Ion Ratio Lower Upper
70 100
42 56.0 55.8 83.6
101 9.6 7.7 11.5
130 21.8 15.4 23.2

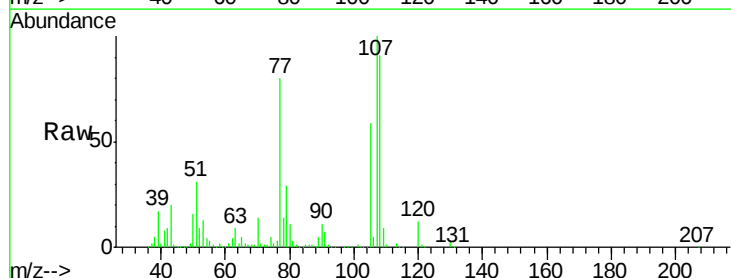


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

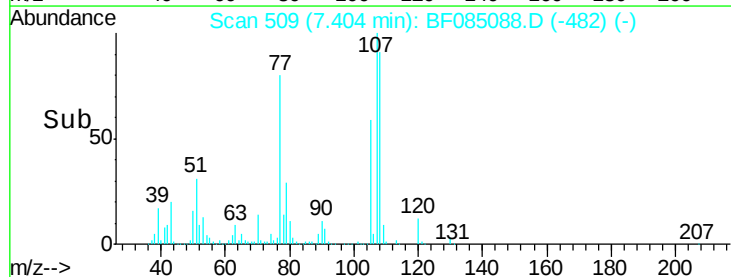
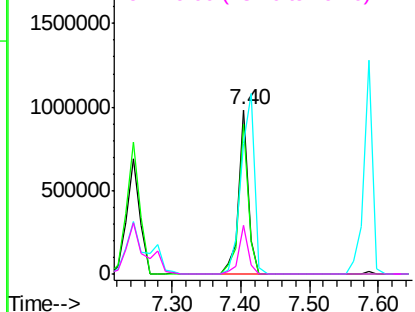


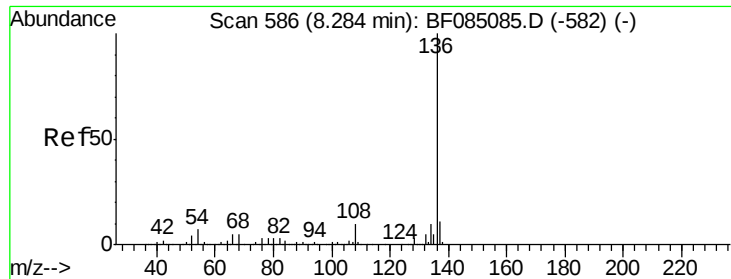
#20
3+4-Methylphenols
Concen: 69.61 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:107 Resp: 978561
Ion Ratio Lower Upper
107 100
108 91.4 74.4 114.4
77 79.9 46.9 86.9
79 29.5 10.4 50.4



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

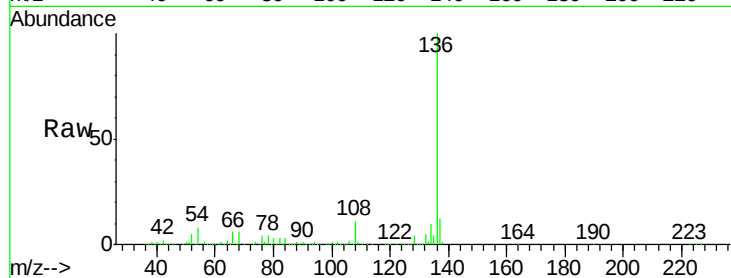




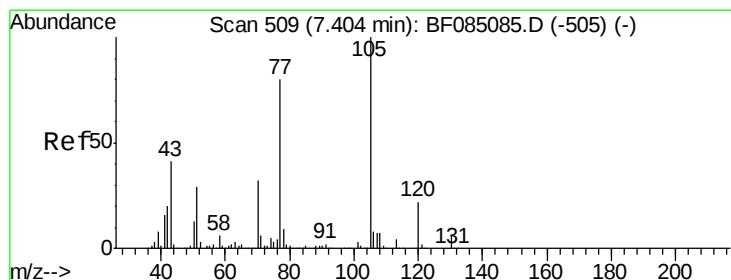
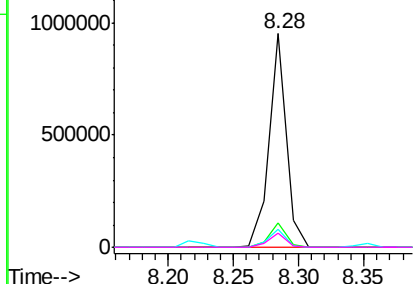
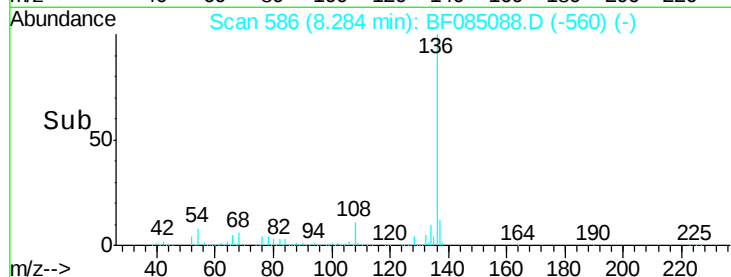
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	881556
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	8.4	6.1 9.1
68	6.5	3.5 5.3#

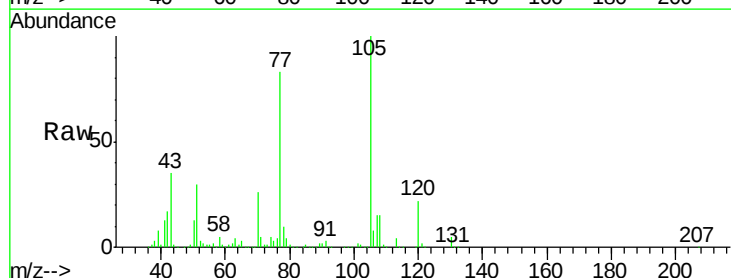


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

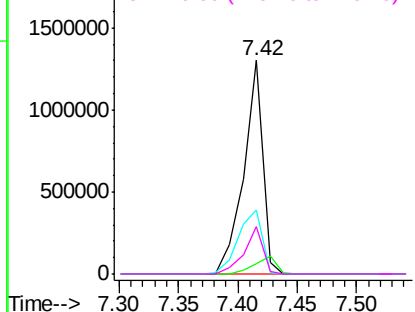
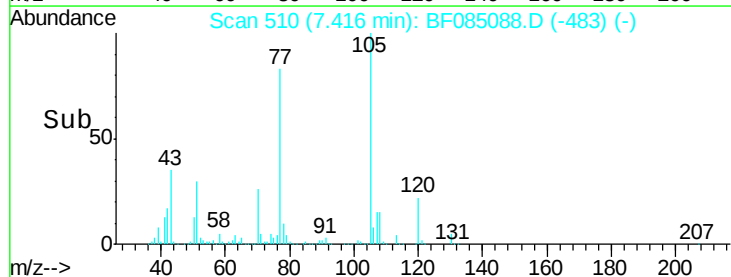


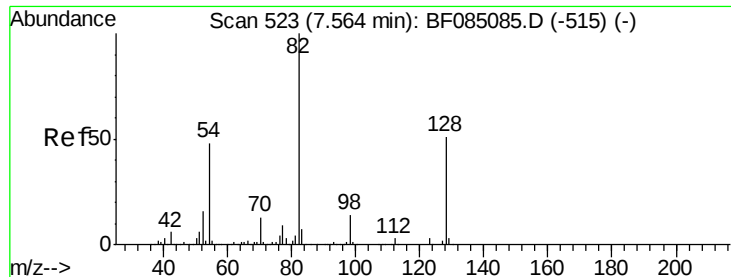
#22
Acetophenone
Concen: 64.91 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:105	Resp:	1466536
Ion Ratio	Lower	Upper
105	100	
71	4.6	7.5 11.3#
51	30.0	23.1 34.7
120	22.4	15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

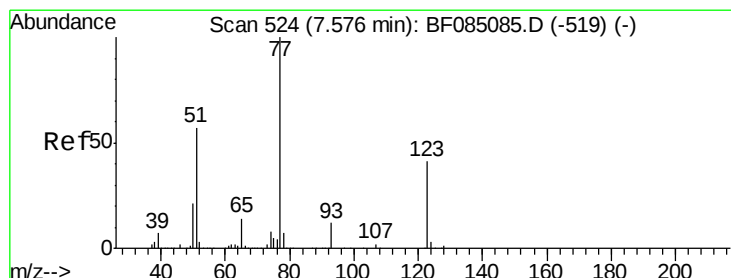
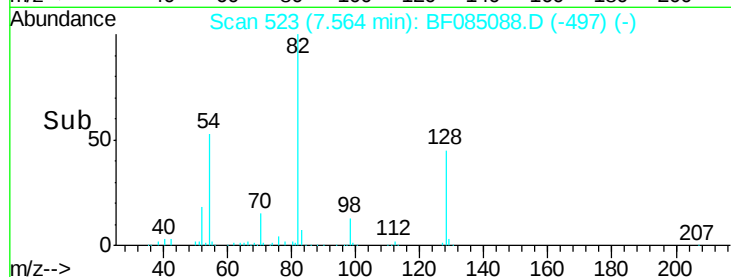
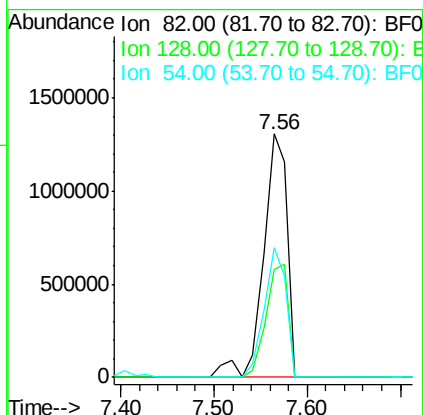
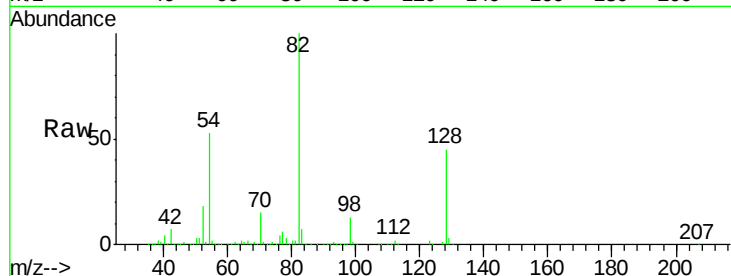




#23
 Nitrobenzene-d5
 Concen: 156.23 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

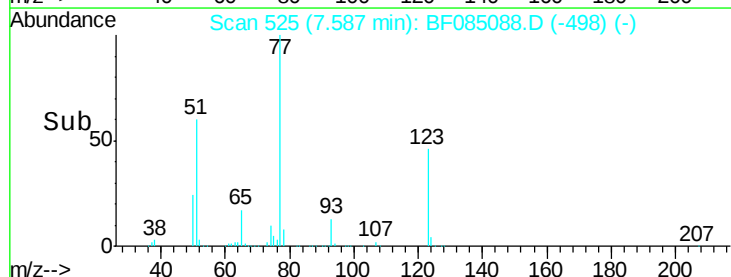
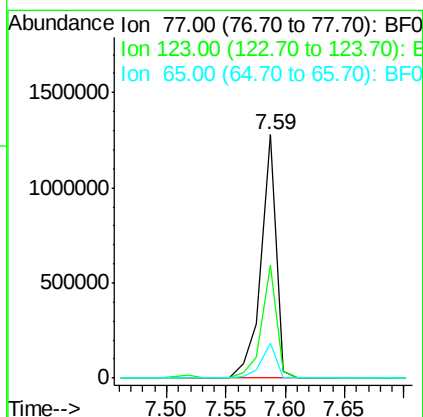
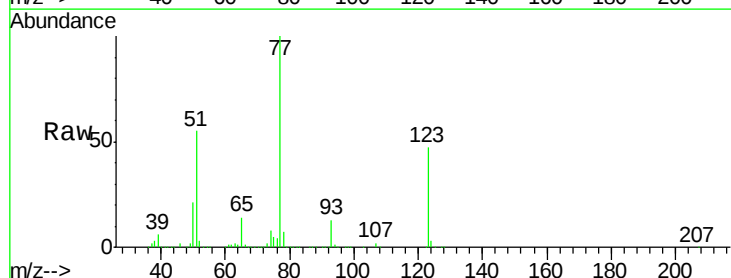
Instrument :
 BNA_F
 ClientSampleId :

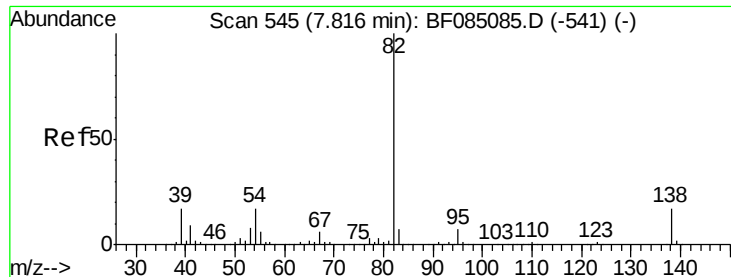
Tot Ion: 82 Resp: 2332291
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.8 55.2
 54 53.3 44.4 66.6



#24
 Nitrobenzene
 Concen: 70.59 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion: 77 Resp: 1151393
 Ion Ratio Lower Upper
 77 100
 123 46.6 36.5 54.7
 65 14.4 10.9 16.3





#25

Isophorone

Concen: 84.38 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

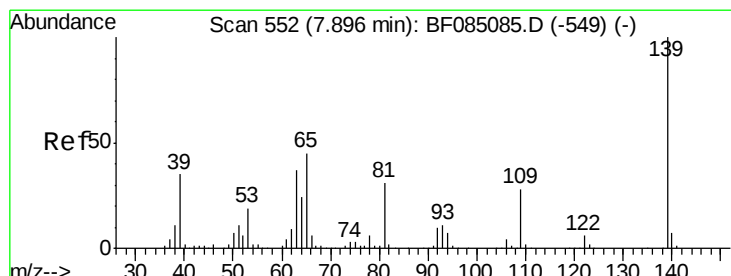
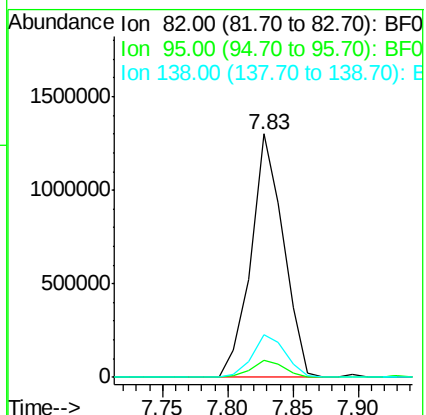
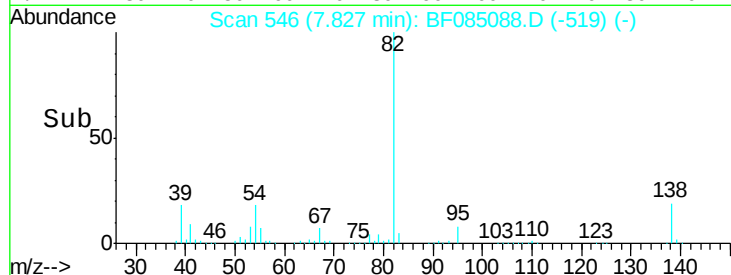
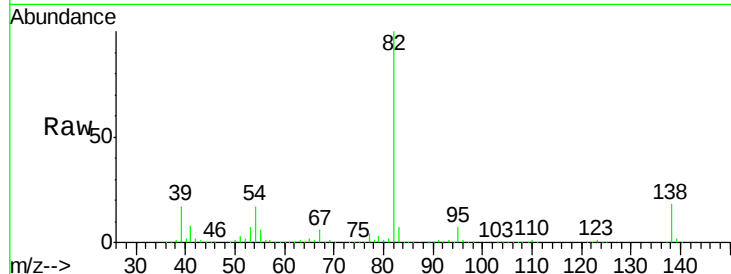
Tot Ion: 82 Resp: 2259784

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

138 17.7 13.1 19.7



#26

2-Nitrophenol

Concen: 66.07 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

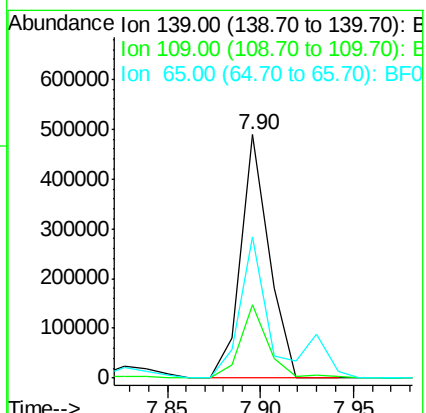
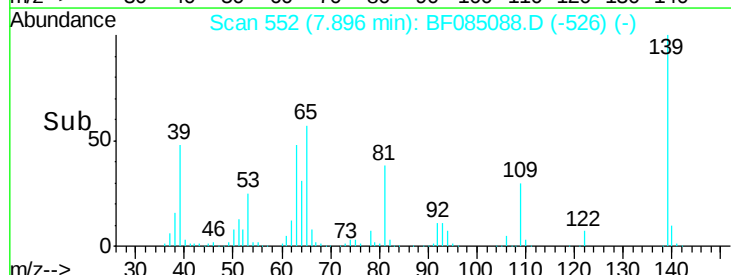
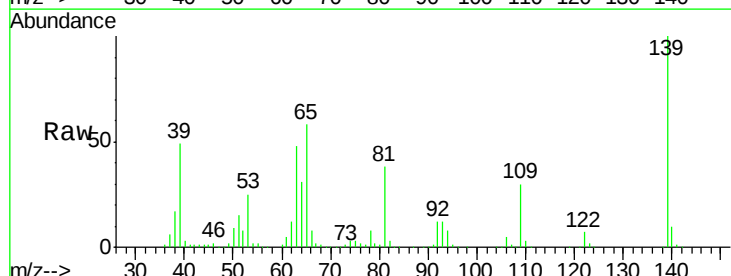
Tgt Ion: 139 Resp: 516555

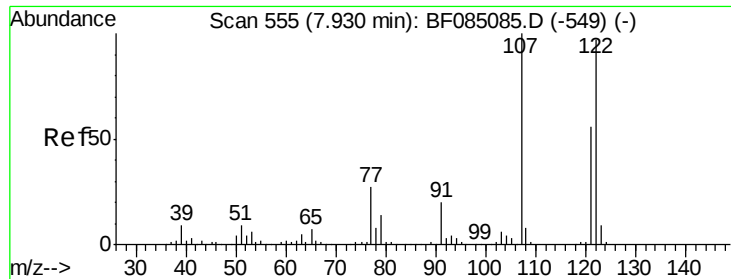
Ion Ratio Lower Upper

139 100

109 30.3 23.4 35.2

65 57.9 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 78.38 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

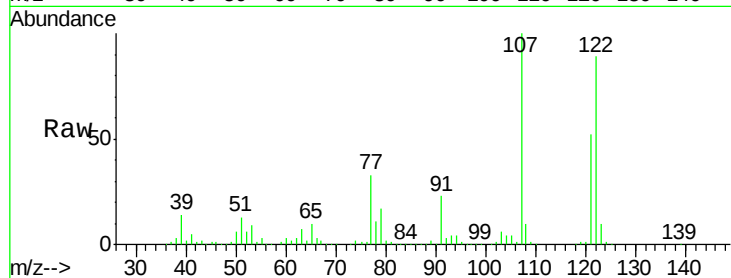
Tot Ion:122 Resp: 991445

Ion Ratio Lower Upper

122 100

107 113.0 91.8 137.8

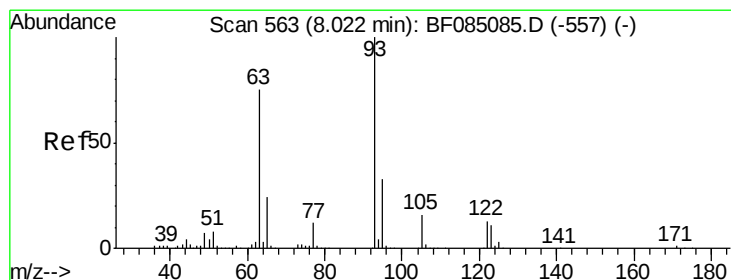
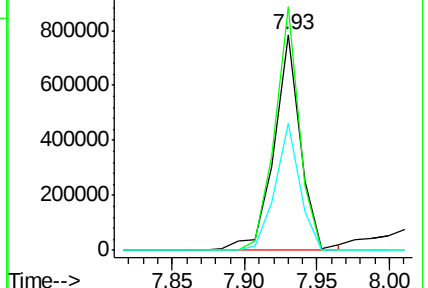
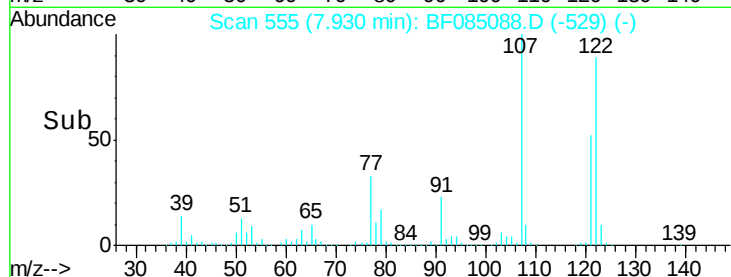
121 59.0 45.0 67.4



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: 75.97 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

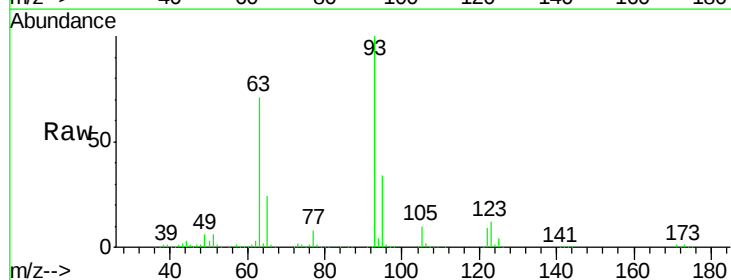
Tgt Ion: 93 Resp: 1262824

Ion Ratio Lower Upper

93 100

95 34.4 25.6 38.4

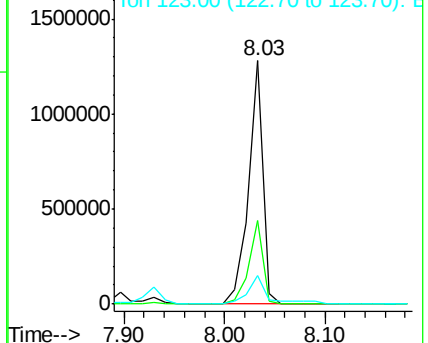
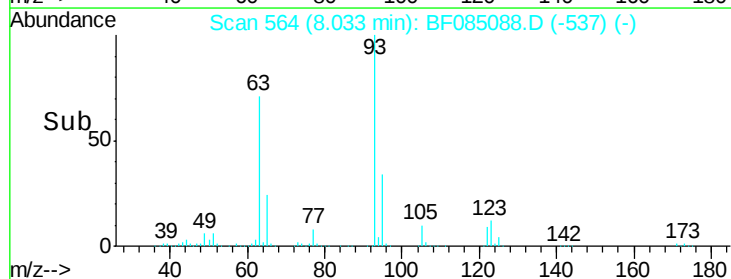
123 12.0 8.7 13.1

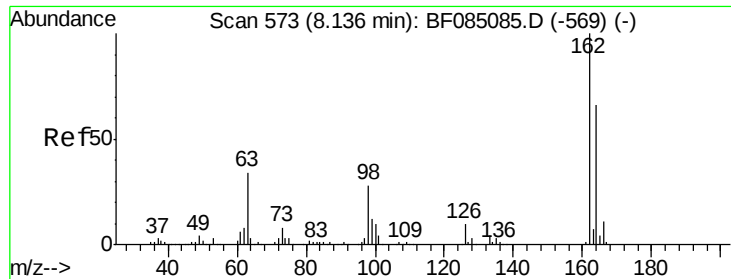


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 76.05 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

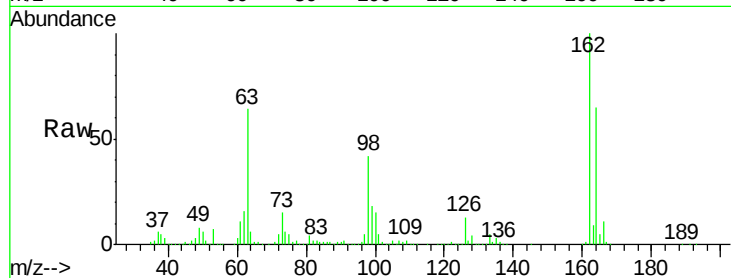
Tot Ion:162 Resp: 874385

Ion Ratio Lower Upper

162 100

164 64.6 42.8 82.8

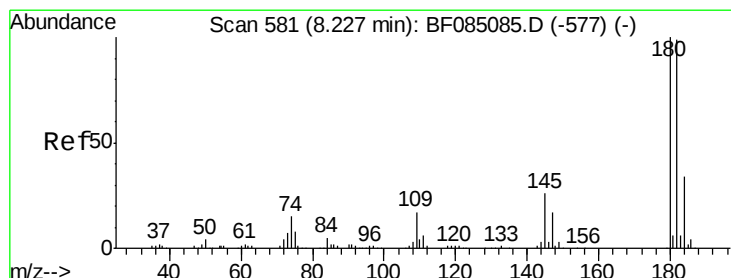
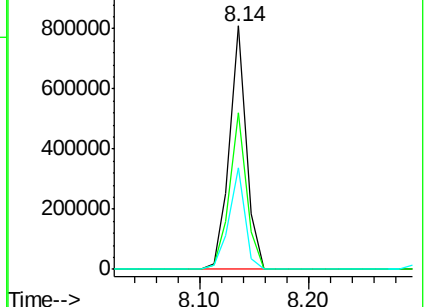
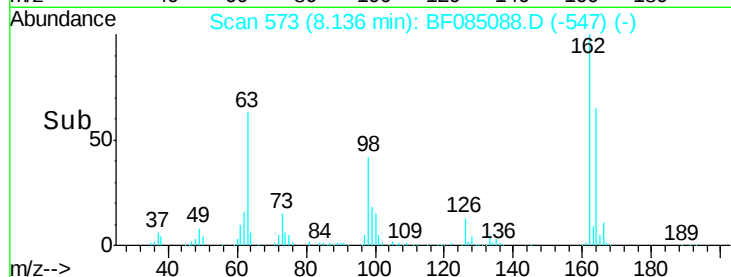
98 41.8 17.6 57.6



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: 76.45 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

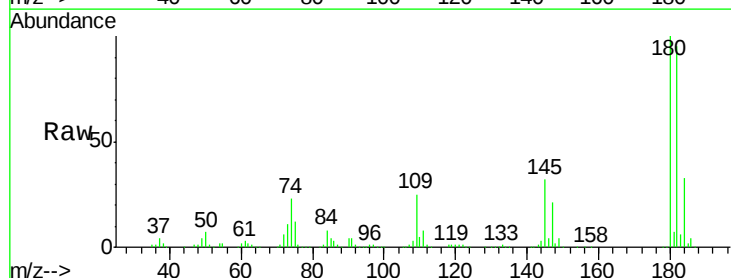
Tgt Ion:180 Resp: 1013154

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

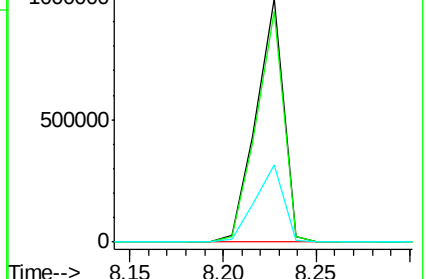
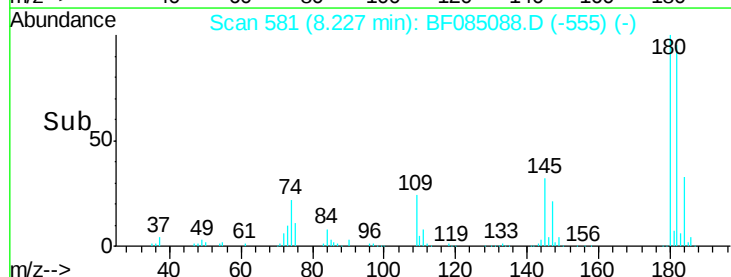
145 31.7 25.9 38.9

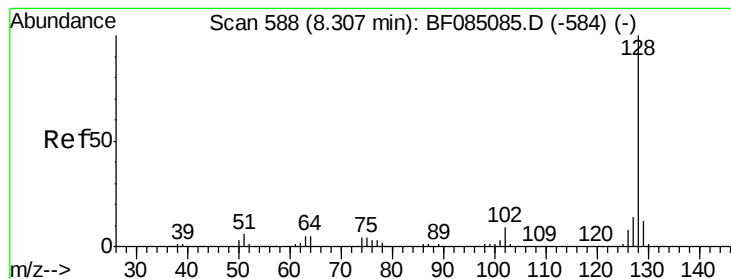


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 60.68 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

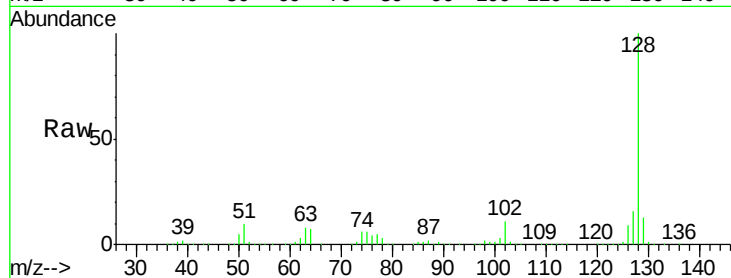
Tot Ion:128 Resp: 2593437

Ion Ratio Lower Upper

128 100

129 13.5 9.2 13.8

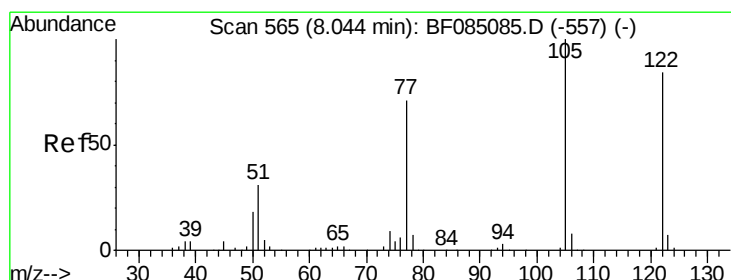
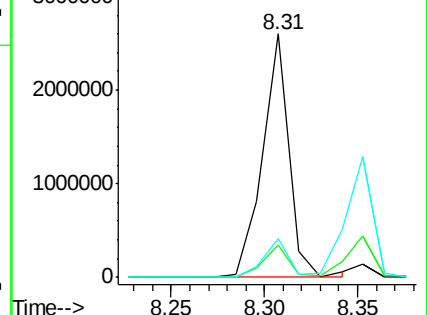
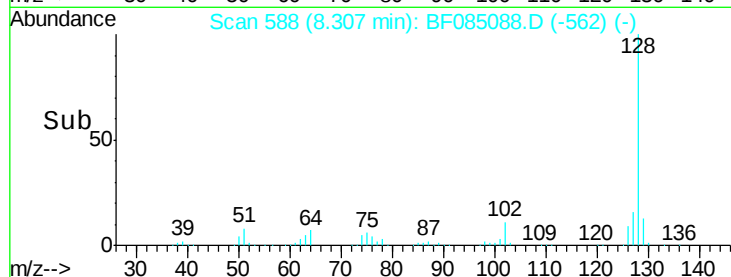
127 16.0 10.3 15.5#



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: 163.40 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.05 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

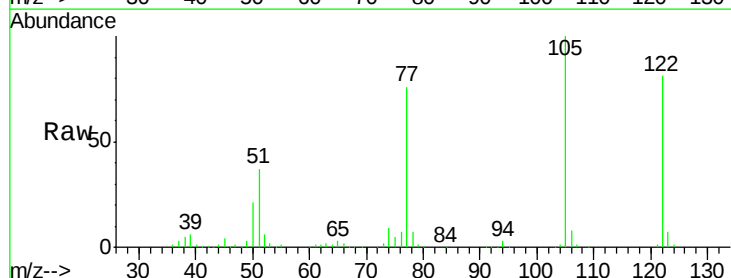
Tgt Ion:122 Resp: 909780

Ion Ratio Lower Upper

122 100

105 123.9 101.3 141.3

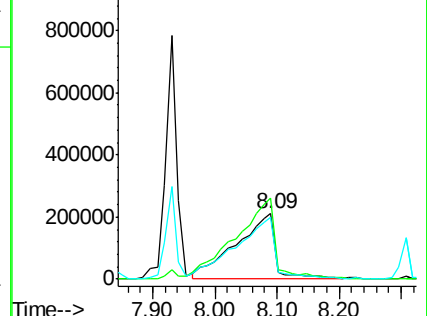
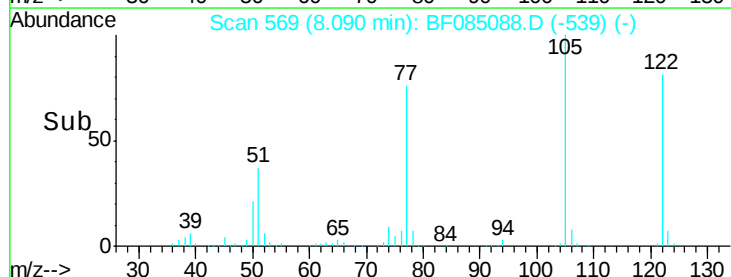
77 94.5 70.0 110.0

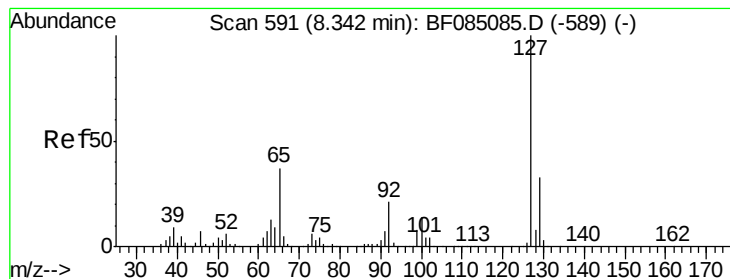


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 80.63 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1307195

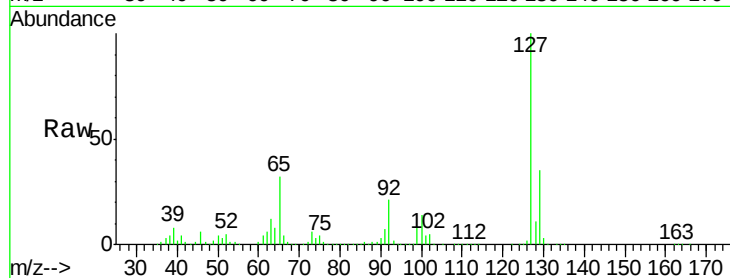
Ion Ratio Lower Upper

127 100

129 34.6 26.6 39.8

65 32.3 24.7 37.1

92 20.7 15.1 22.7

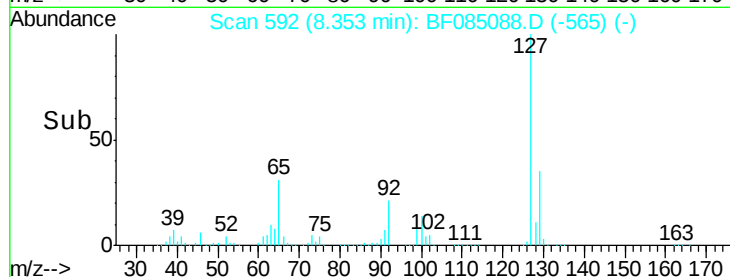


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

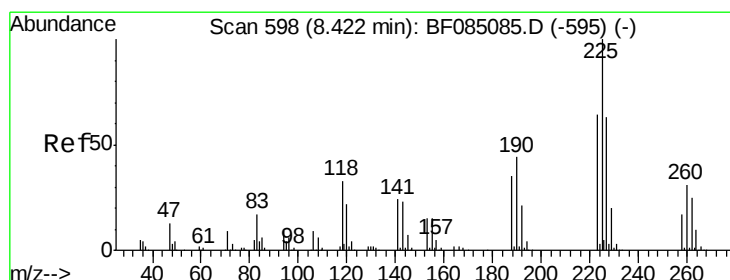
Ion 92.00 (91.70 to 92.70): BF0



Abundance

8.35

Time-->



#34

Hexachlorobutadiene

Concen: 76.27 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

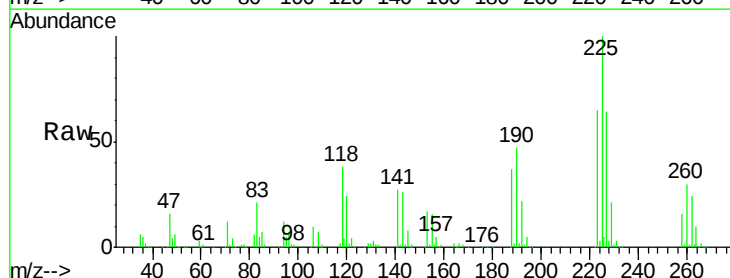
Tgt Ion:225 Resp: 566081

Ion Ratio Lower Upper

225 100

223 64.9 48.6 73.0

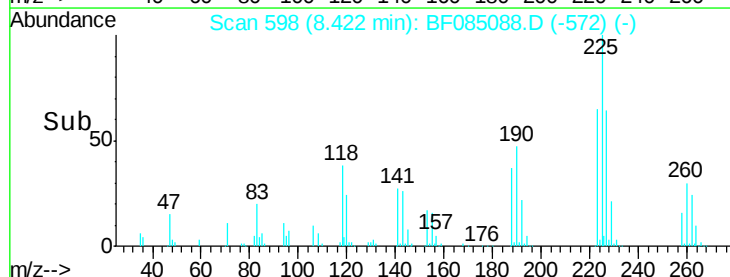
227 64.1 48.9 73.3



Abundance Ion 225.00 (224.70 to 225.70): E

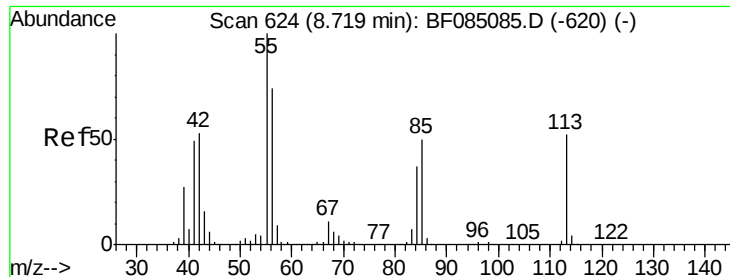
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



8.42

Time-->



#35

Caprolactam

Concen: 100.33 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.03 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampled :

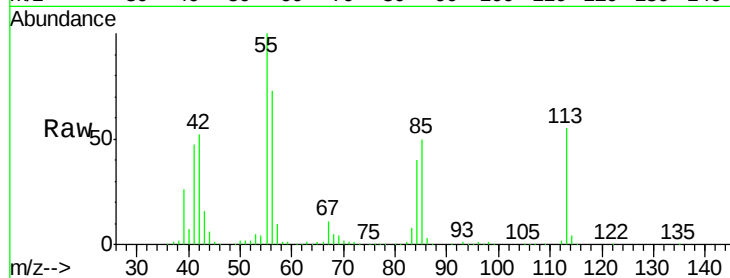
Tot Ion:113 Resp: 310118

Ion Ratio Lower Upper

113 100

55 181.6 173.1 213.1

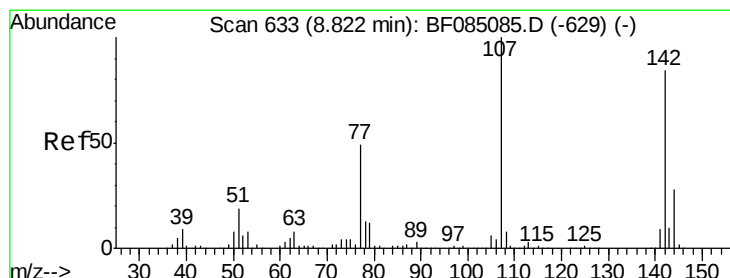
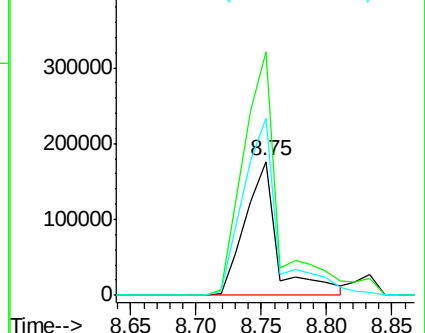
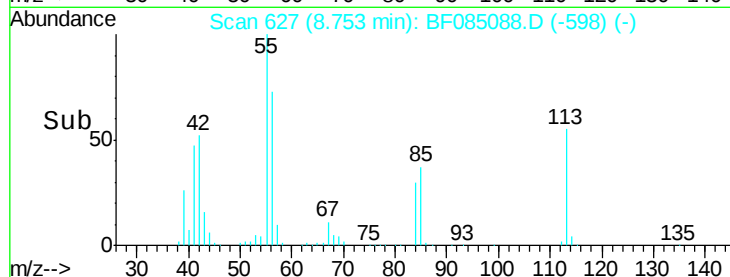
56 132.2 132.9 172.9#



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: 80.09 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

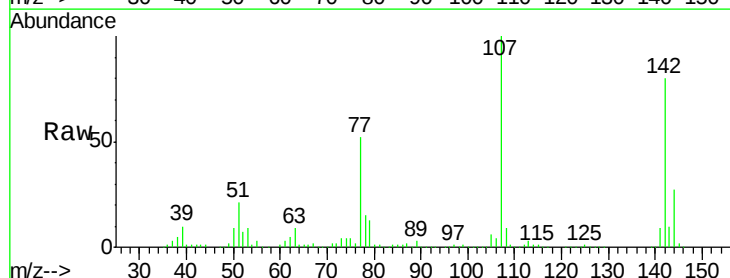
Tgt Ion:107 Resp: 1044087

Ion Ratio Lower Upper

107 100

144 27.0 19.2 28.8

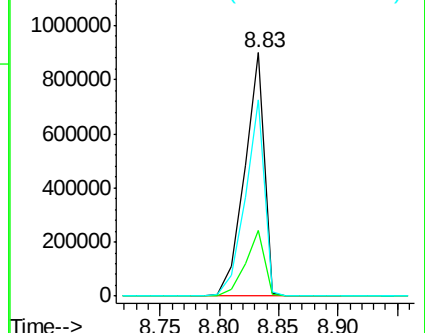
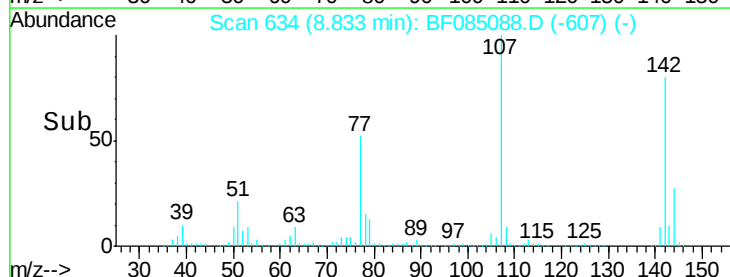
142 80.4 60.6 91.0

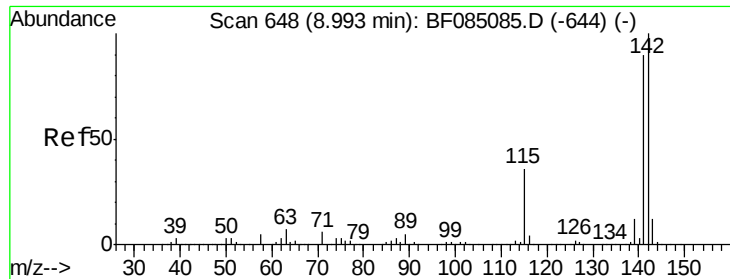


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

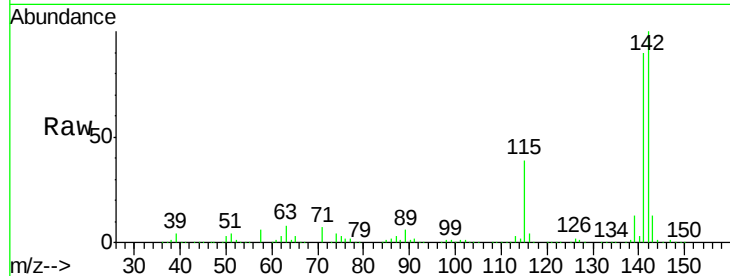




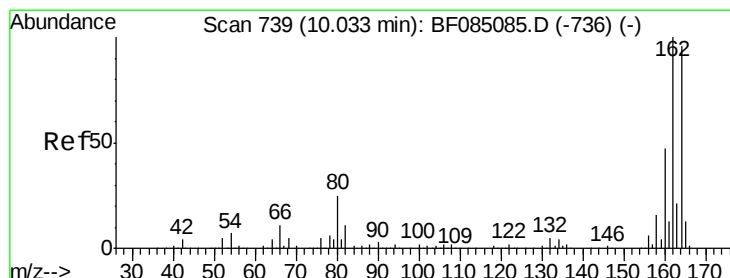
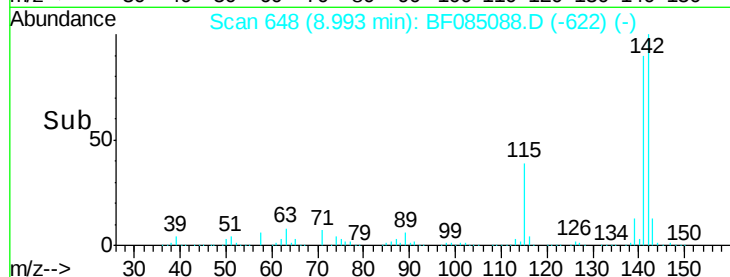
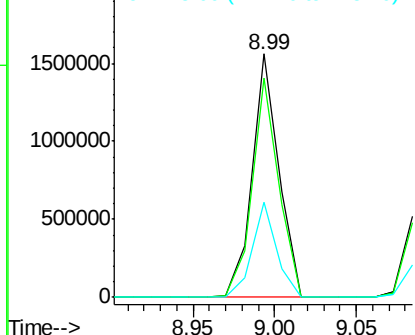
#37
2-Methylnaphthalene
Concen: 64.86 ng
RT: 8.99 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1768362
Ion Ratio Lower Upper
142 100
141 90.2 69.6 104.4
115 38.9 27.9 41.9

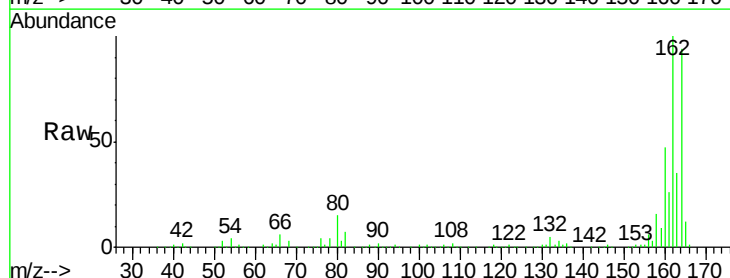


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

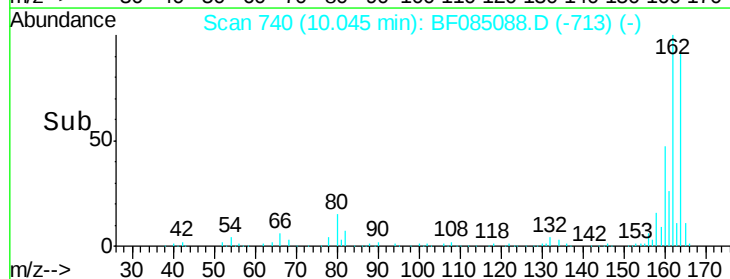
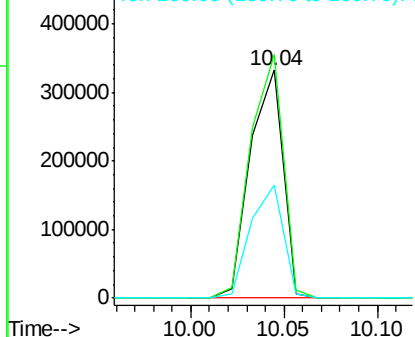


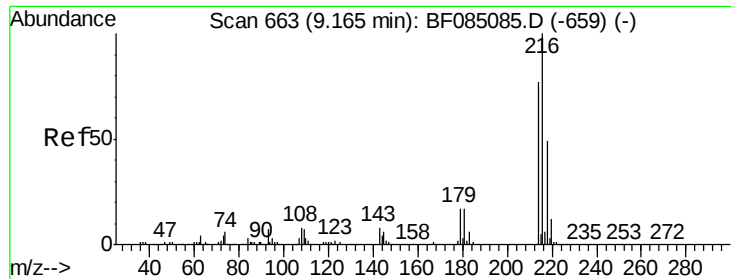
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:164 Resp: 405595
Ion Ratio Lower Upper
164 100
162 106.9 81.1 121.7
160 49.8 37.4 56.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 75.90 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 994614

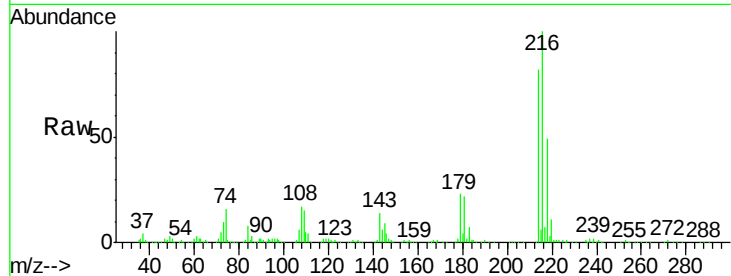
Ion Ratio Lower Upper

216 100

214 81.5 62.2 93.2

179 23.4 18.1 27.1

108 20.9 15.7 23.5

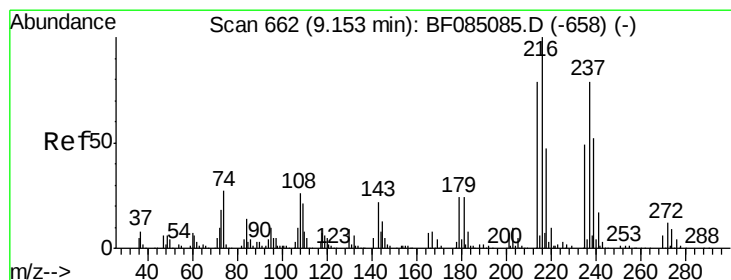
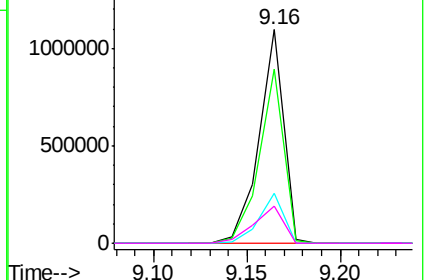
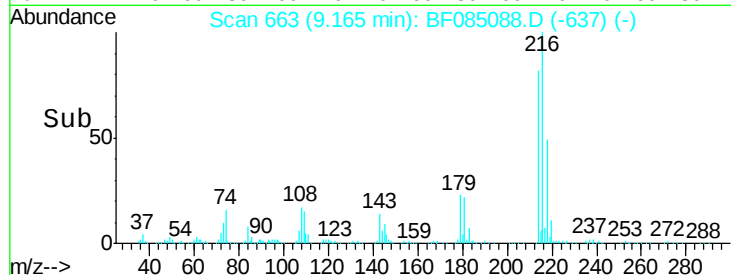


Abundance Ion 216.00 (215.70 to 216.70): E

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: 139.01 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

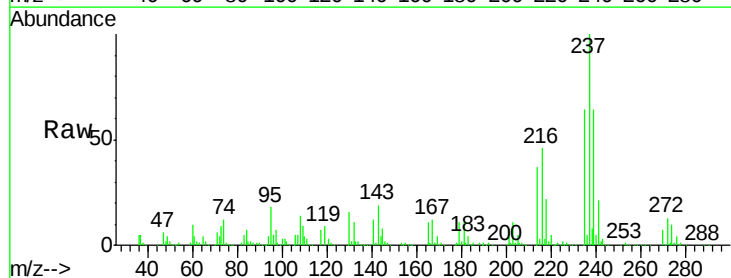
Tgt Ion:237 Resp: 605928

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

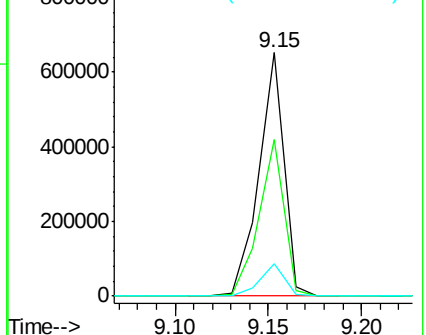
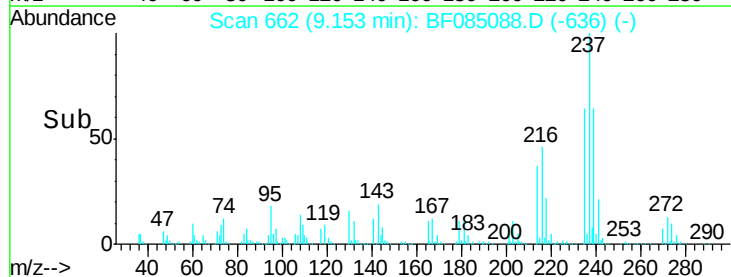
272 13.1 0.0 31.8

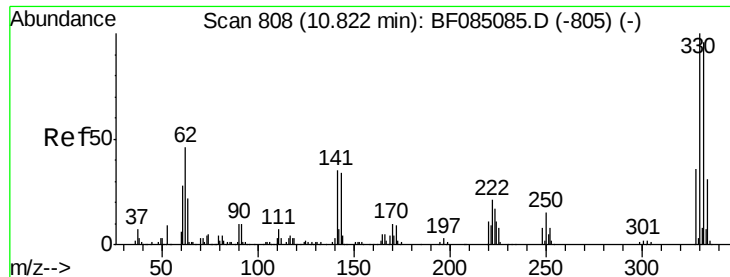


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

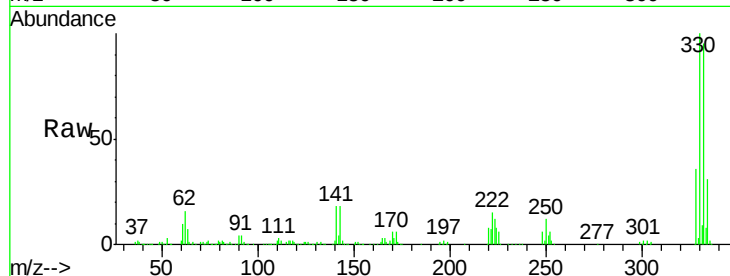




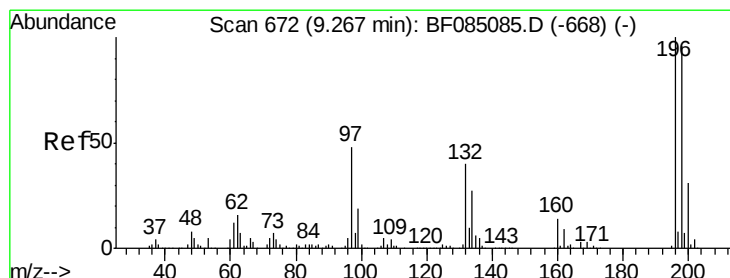
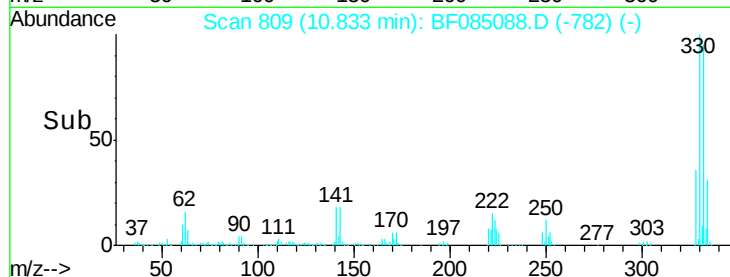
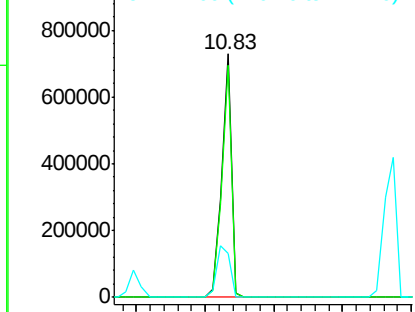
#41
 2,4,6-Tribromophenol
 Concen: 174.69 ng
 RT: 10.83 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 731800
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.5 117.7
 141 29.6 28.6 42.8

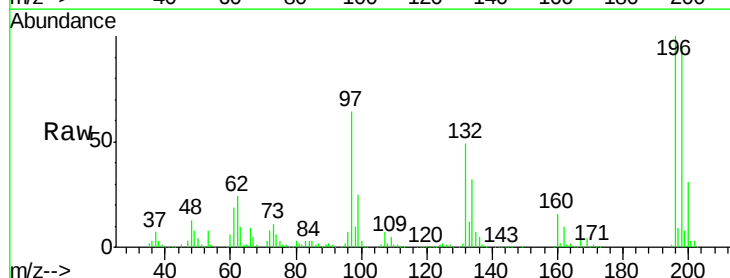


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

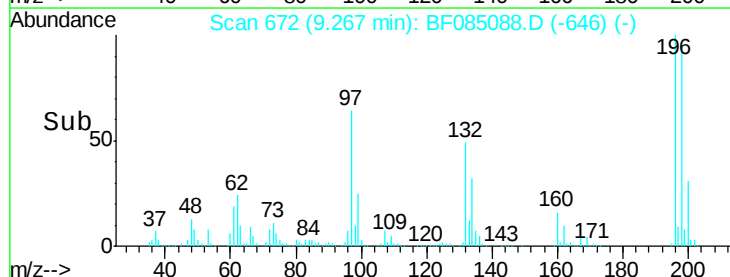
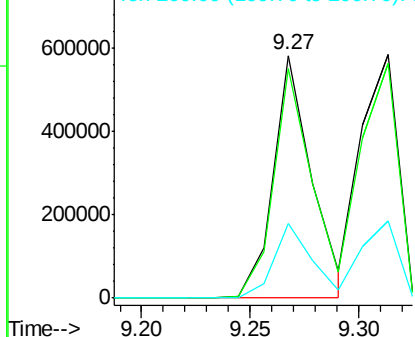


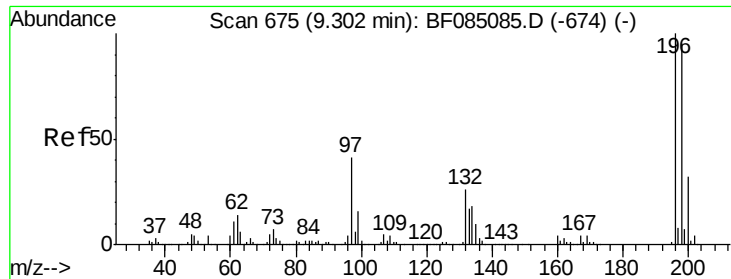
#42
 2,4,6-Trichlorophenol
 Concen: 99.20 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion:196 Resp: 716882
 Ion Ratio Lower Upper
 196 100
 198 95.0 81.0 121.6
 200 30.7 26.3 39.5



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

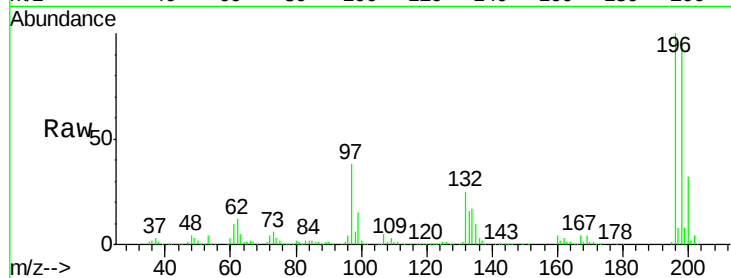




#43
 2,4,5-Trichlorophenol
 Concen: 83.31 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.7	119.5
97	37.6	47.0	70.4
132	24.9	26.4	39.6



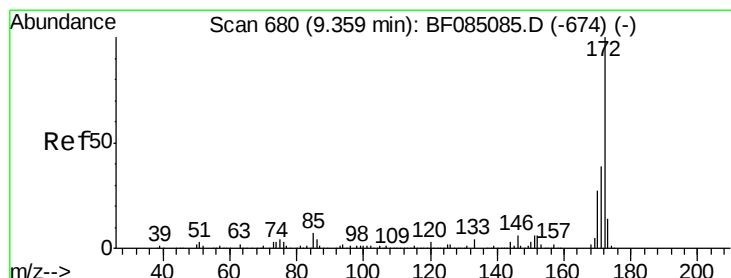
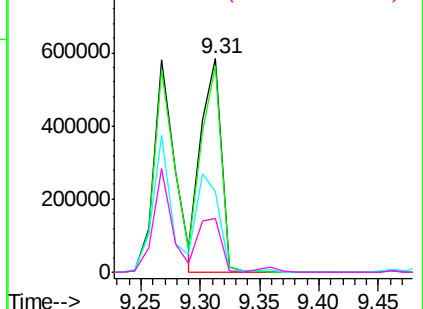
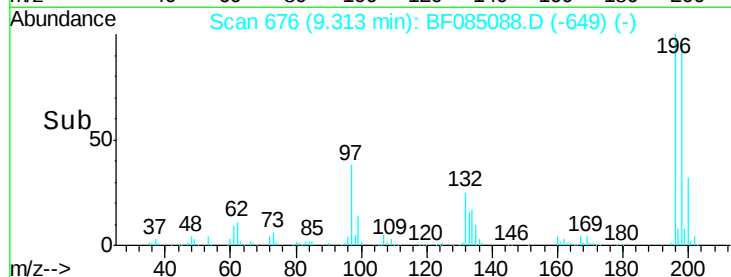
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

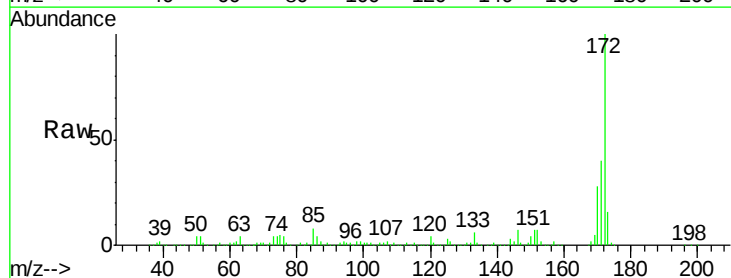
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.69 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	29.1	43.7
170	28.5	19.6	29.4

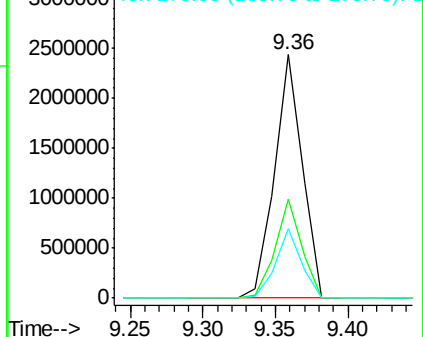
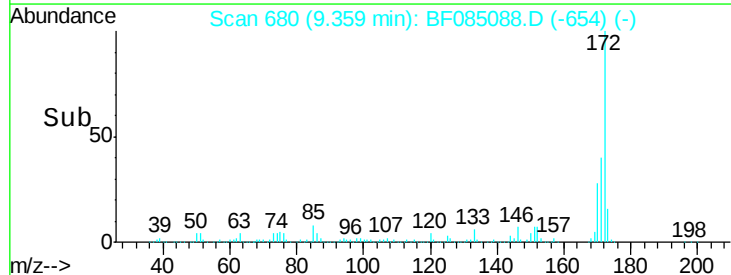


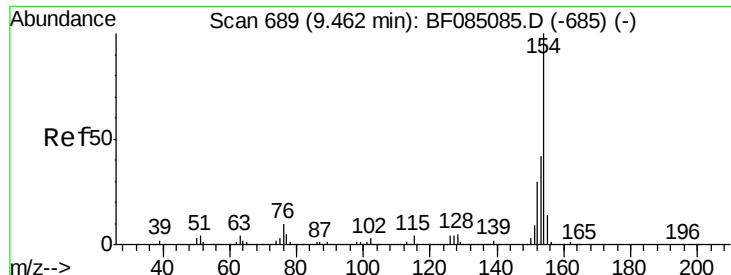
Abundance

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: 55.50 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

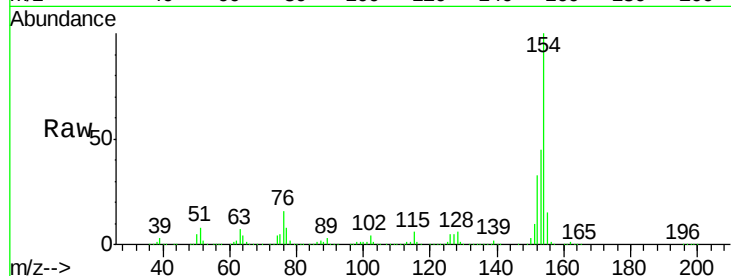
Tot Ion:154 Resp: 2047481

Ion Ratio Lower Upper

154 100

153 45.1 19.9 59.9

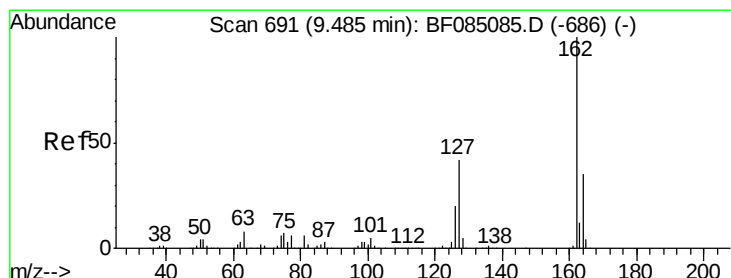
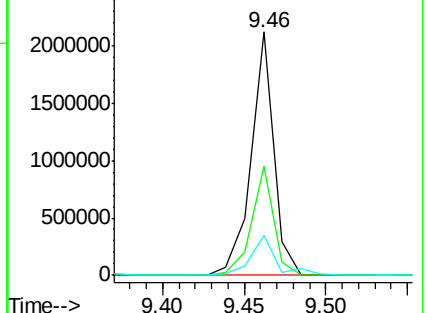
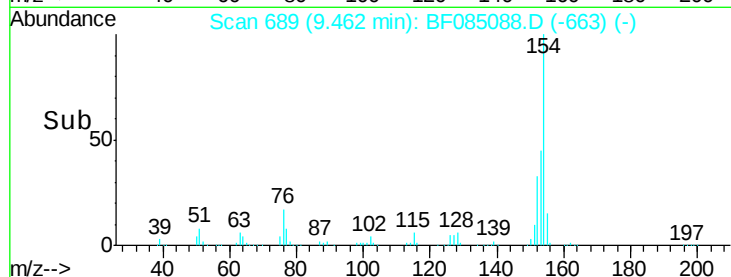
76 16.5 0.0 31.6



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: 67.71 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

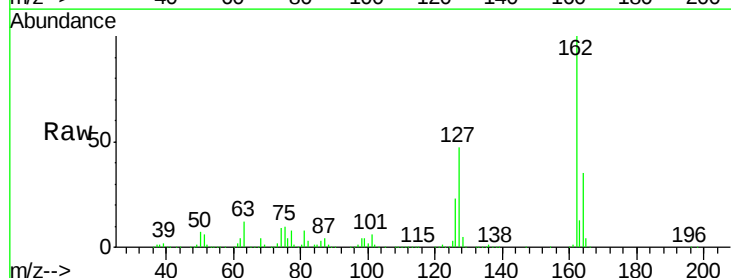
Tgt Ion:162 Resp: 1770016

Ion Ratio Lower Upper

162 100

127 47.1 34.8 52.2

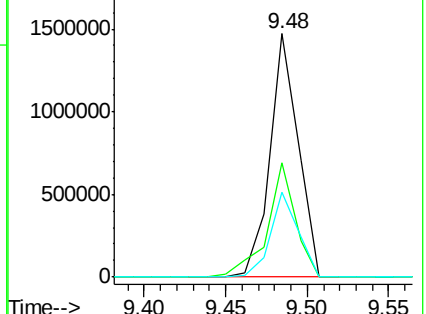
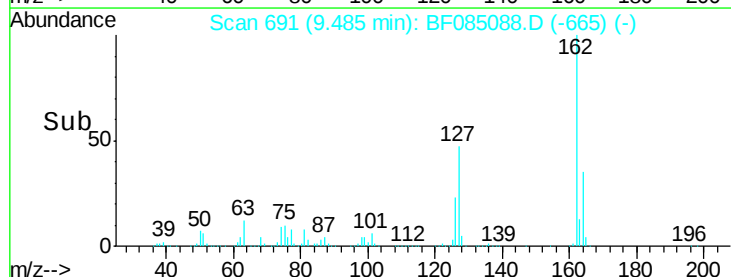
164 34.9 25.8 38.6

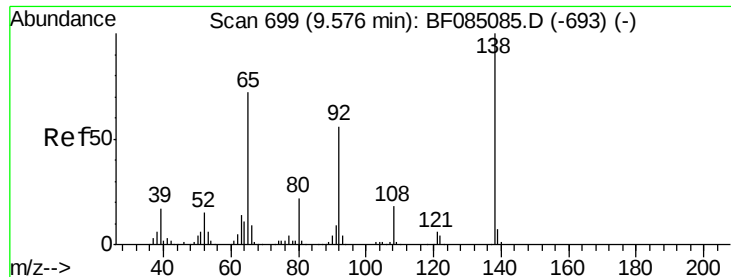


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

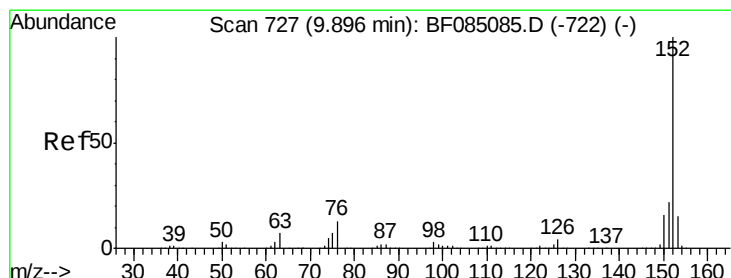
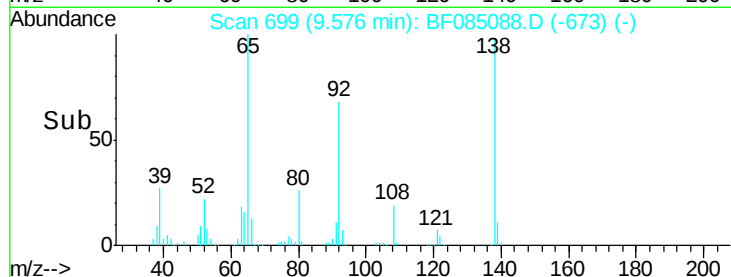
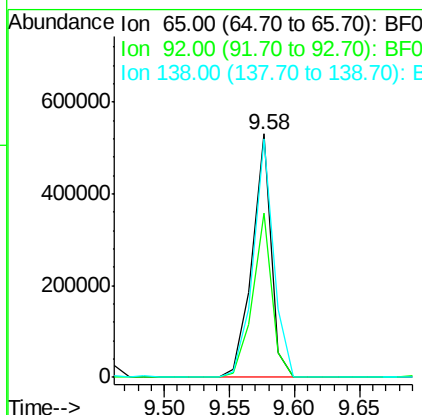
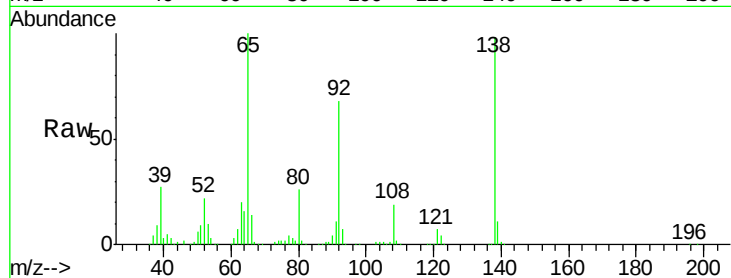




#47
2-Nitroaniline
Concen: 67.12 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

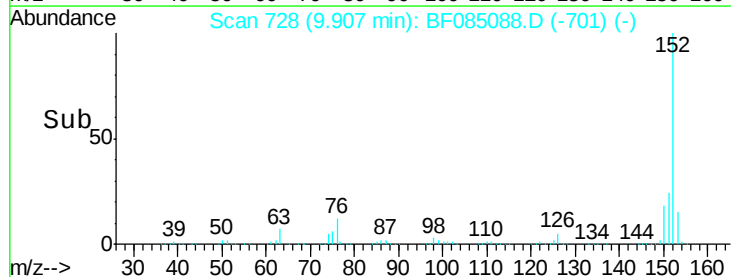
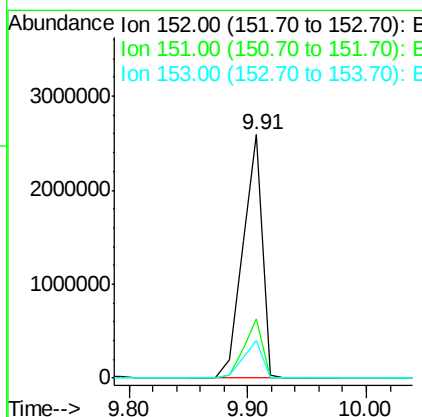
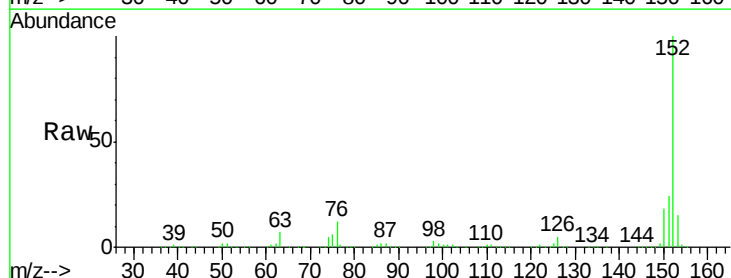
Instrument :
BNA_F
ClientSampleId :

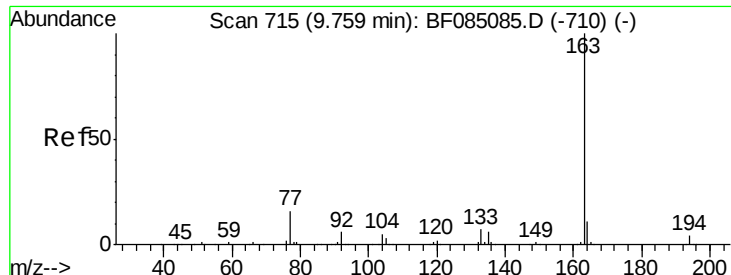
Tot Ion: 65 Resp: 541669
Ion Ratio Lower Upper
65 100
92 67.7 57.1 85.7
138 98.1 86.8 130.2



#48
Acenaphthylene
Concen: 70.83 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:152 Resp: 2939797
Ion Ratio Lower Upper
152 100
151 24.3 16.0 24.0#
153 15.5 11.1 16.7

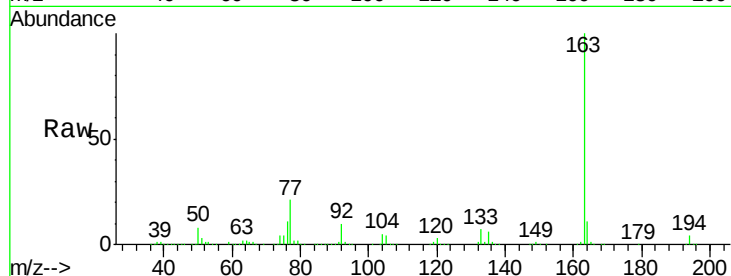




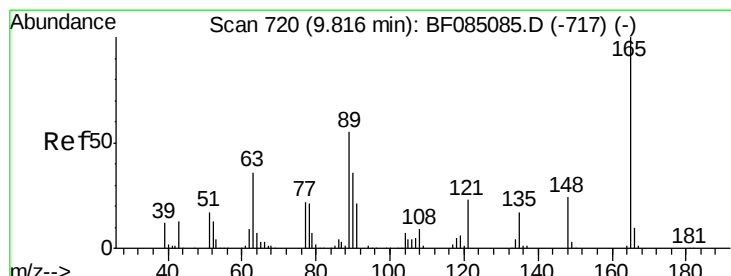
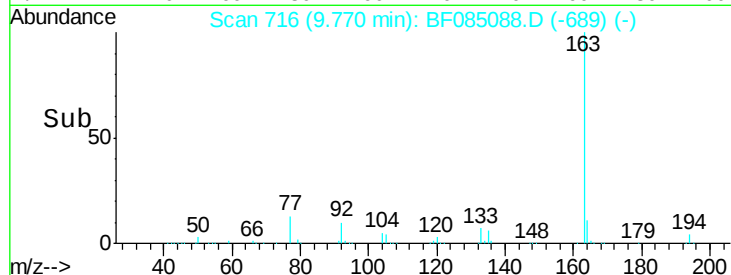
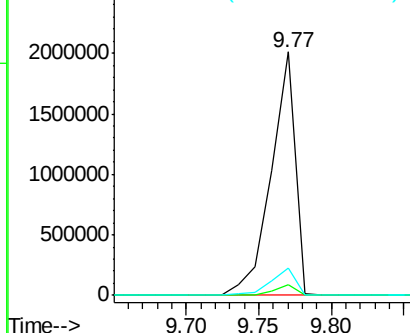
#49
Dimethylphthalate
Concen: 76.07 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 2313228
Ion Ratio Lower Upper
163 100
194 4.2 2.5 3.7#
164 11.3 7.8 11.8

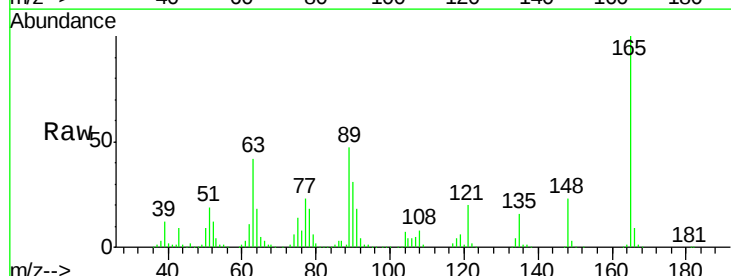


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

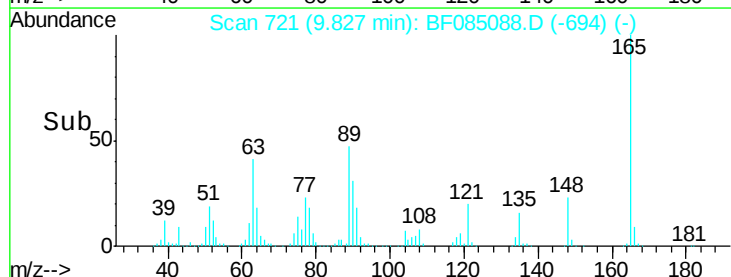
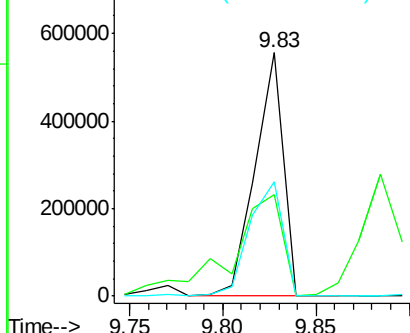


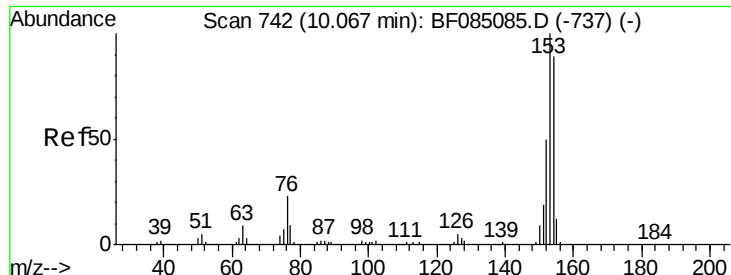
#50
2,6-Dinitrotoluene
Concen: 92.79 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:165 Resp: 578940
Ion Ratio Lower Upper
165 100
63 41.5 47.5 71.3#
89 47.1 42.9 64.3



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: 73.68 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampled :

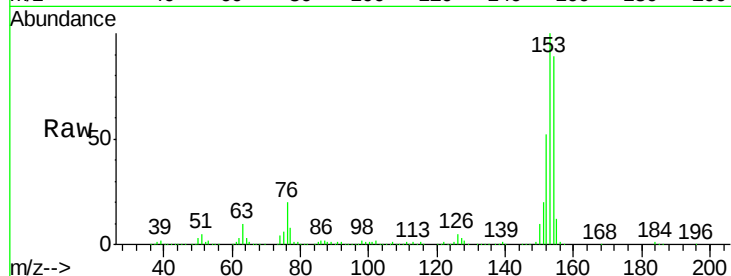
Tot Ion:154 Resp: 1849117

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

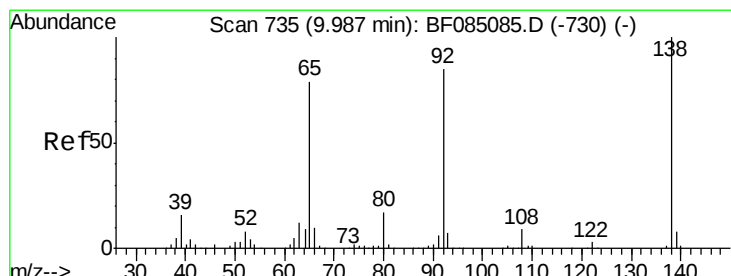
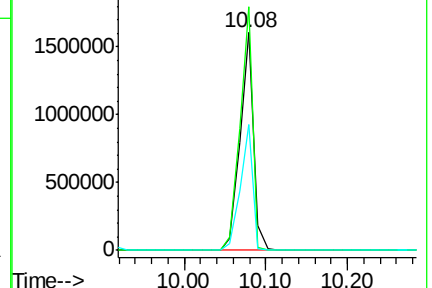
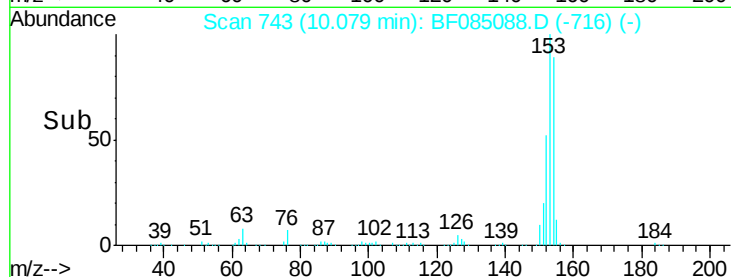
152 57.8 40.7 61.1



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: 87.99 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

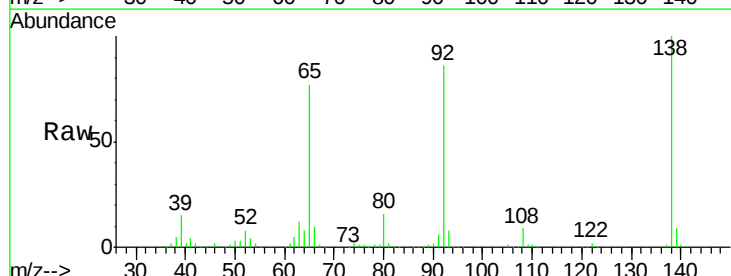
Tgt Ion:138 Resp: 609901

Ion Ratio Lower Upper

138 100

108 8.8 9.1 13.7#

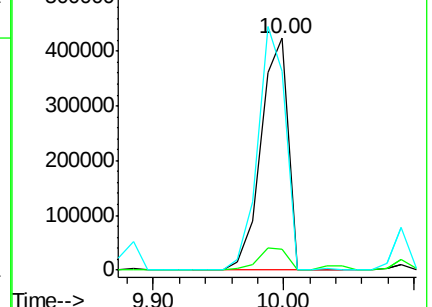
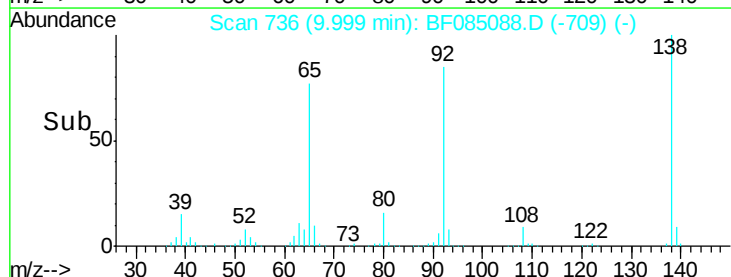
92 85.7 88.9 133.3#

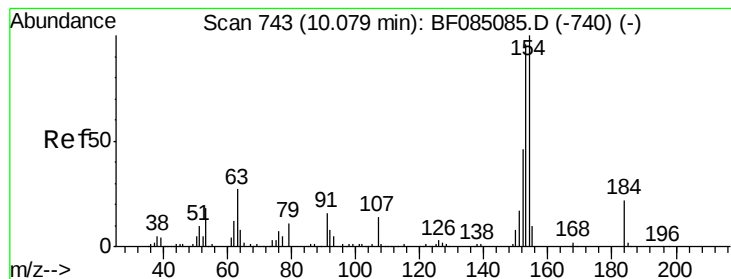


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 107.12 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

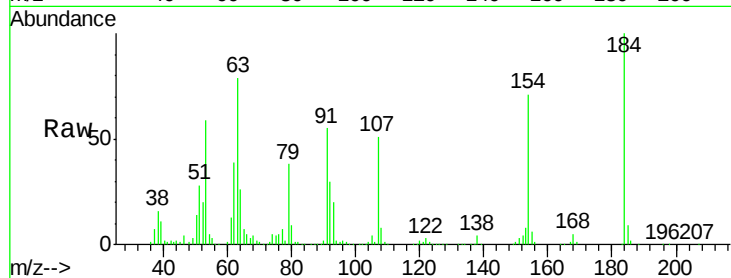
Tot Ion:184 Resp: 221291

Ion Ratio Lower Upper

184 100

63 78.8 60.6 90.8

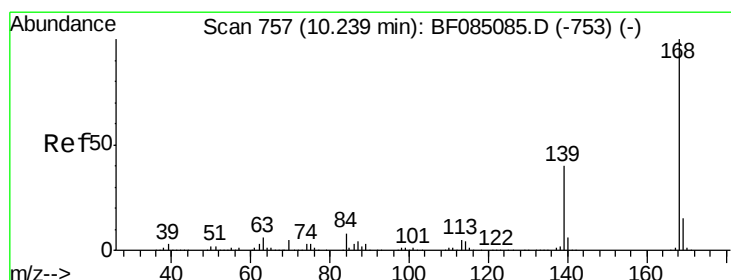
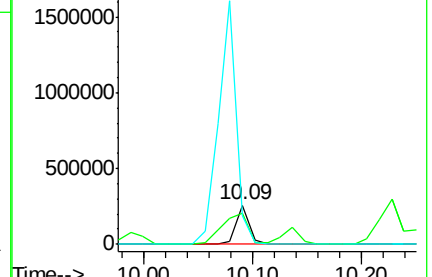
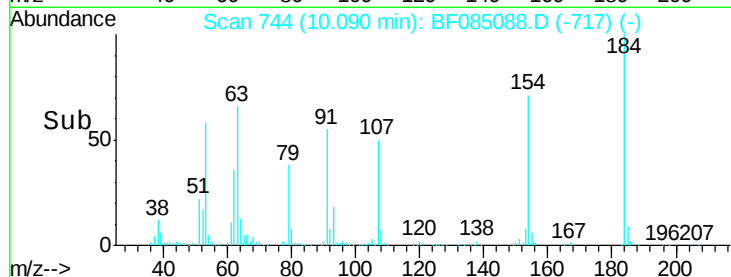
154 71.3 70.2 105.2



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: 74.16 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

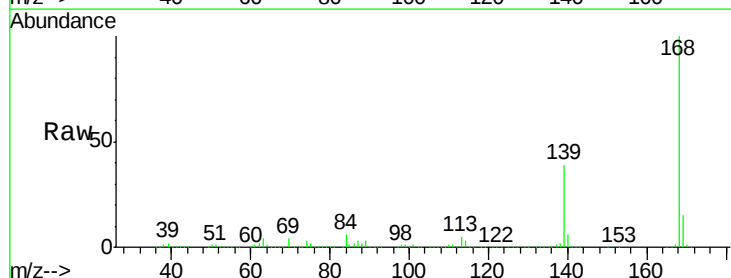
Tgt Ion:168 Resp: 2489477

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.4

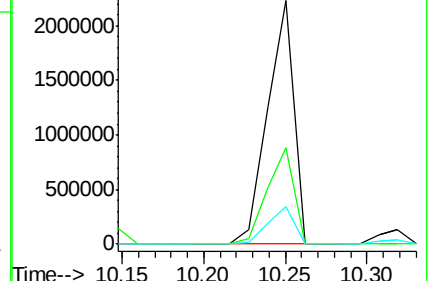
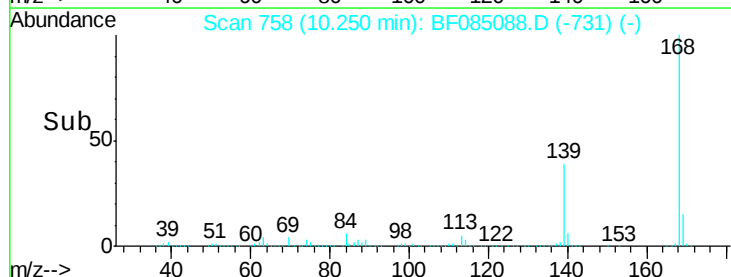
169 15.2 10.9 16.3

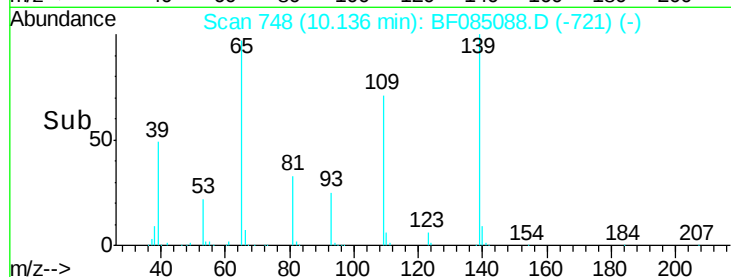
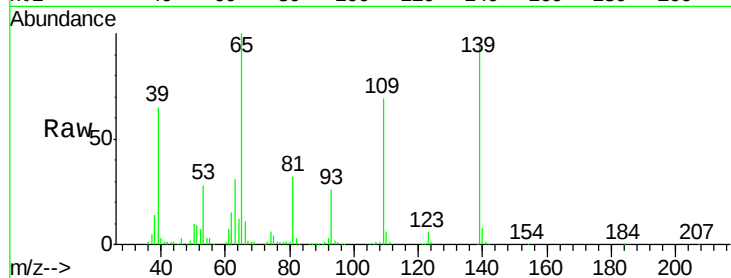
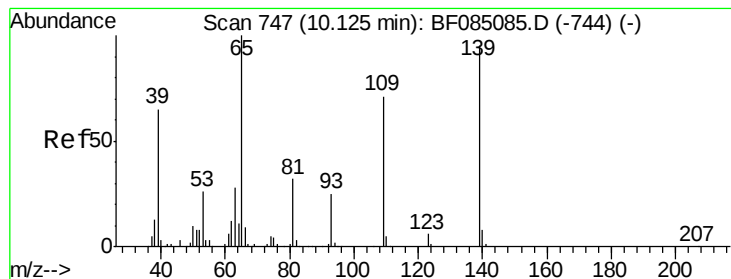


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 98.73 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampled :

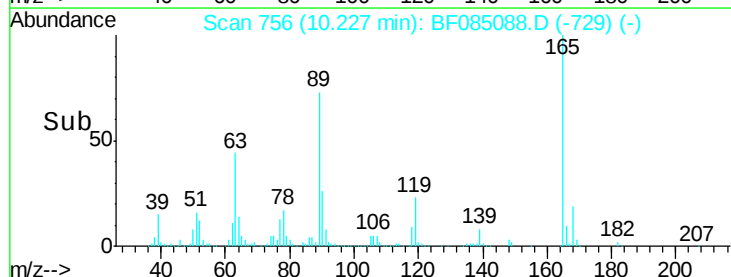
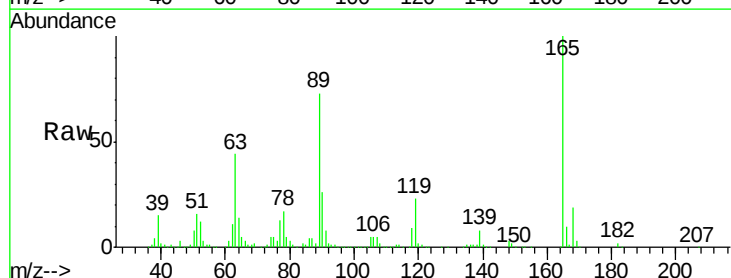
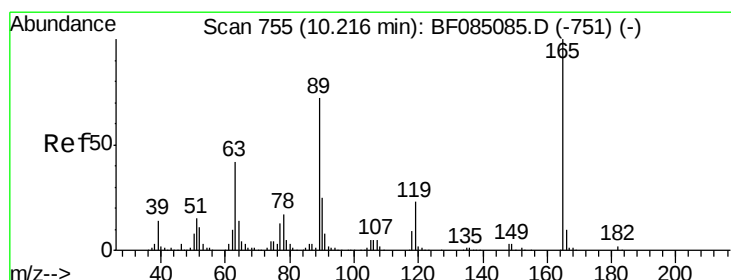
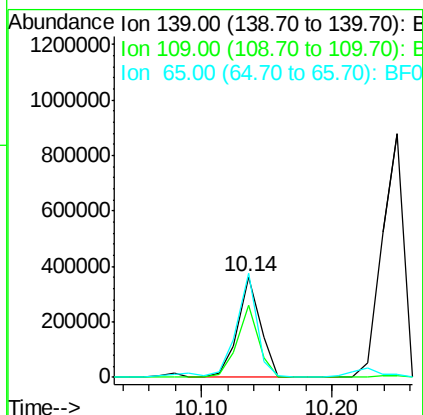
Tot Ion:139 Resp: 439066

Ion Ratio Lower Upper

139 100

109 71.6 48.7 88.7

65 104.2 78.8 118.8



#56

2,4-Dinitrotoluene

Concen: 82.39 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Tgt Ion:165 Resp: 700159

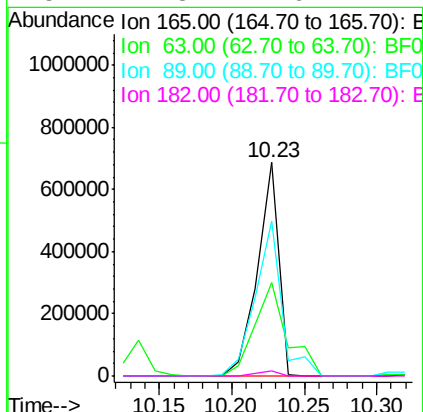
Ion Ratio Lower Upper

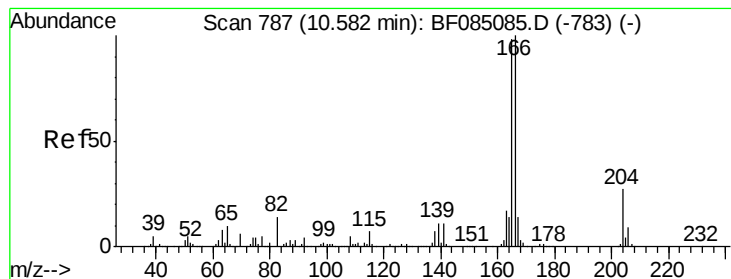
165 100

63 43.8 36.6 55.0

89 72.7 54.4 81.6

182 2.3 1.6 2.4





#57

Fluorene

Concen: 66.70 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

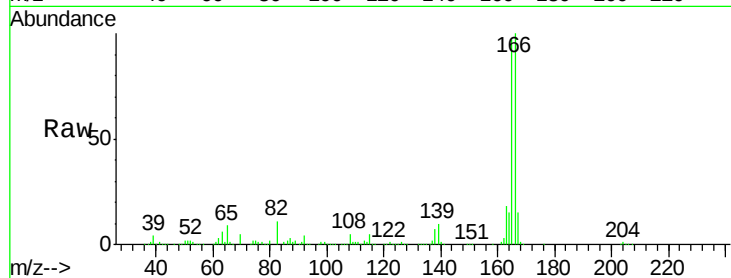
Tot Ion:166 Resp: 1920104

Ion Ratio Lower Upper

166 100

165 97.3 78.9 118.3

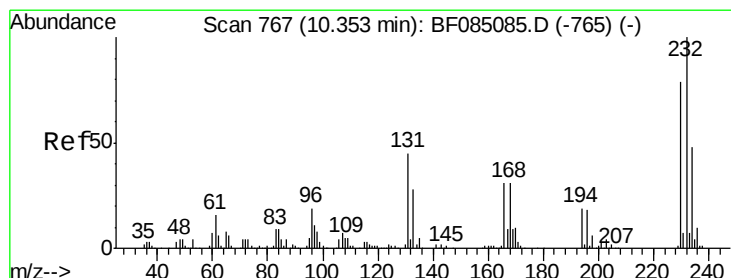
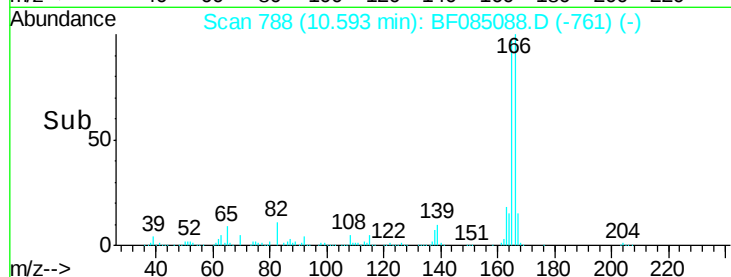
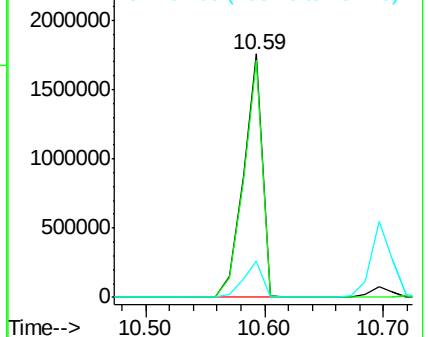
167 14.7 10.9 16.3



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: 84.04 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Tgt Ion:232 Resp: 558933

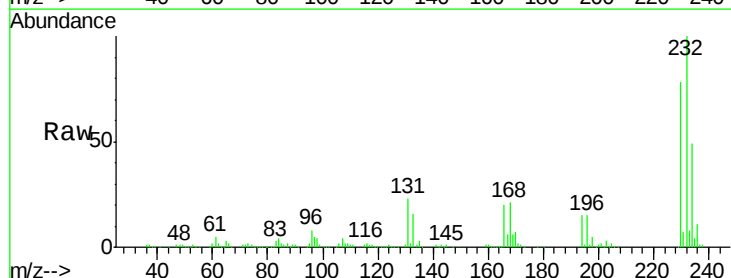
Ion Ratio Lower Upper

232 100

131 42.0 39.7 59.5

130 2.1 1.8 2.8

166 29.1 24.2 36.2

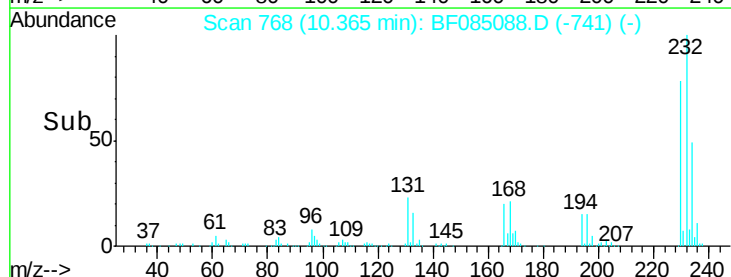
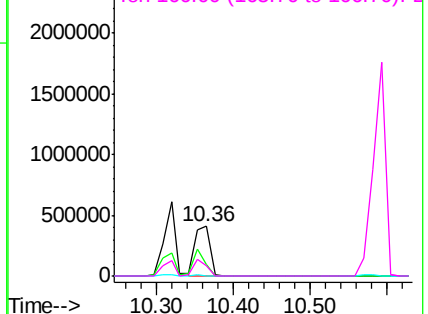


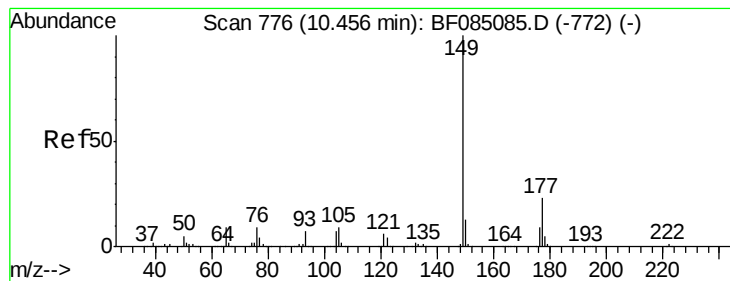
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 74.26 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

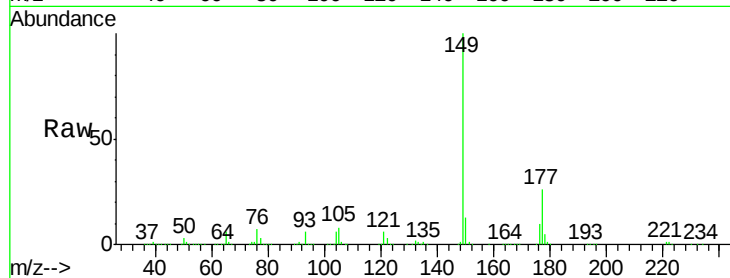
Tot Ion:149 Resp: 2237804

Ion Ratio Lower Upper

149 100

177 26.1 16.4 24.6#

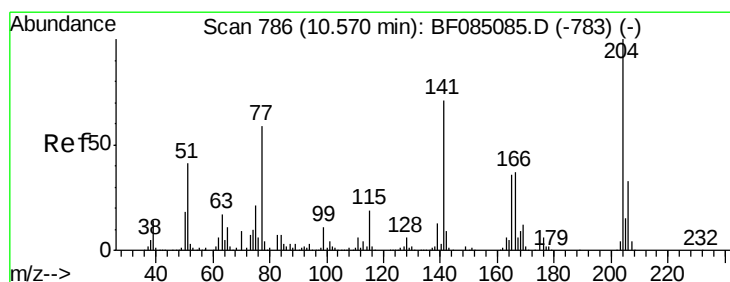
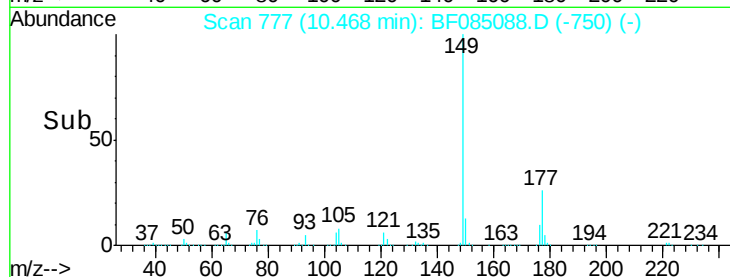
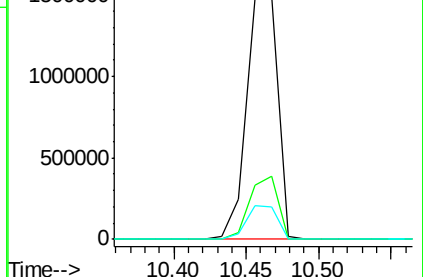
150 13.2 10.2 15.4



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: 73.47 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

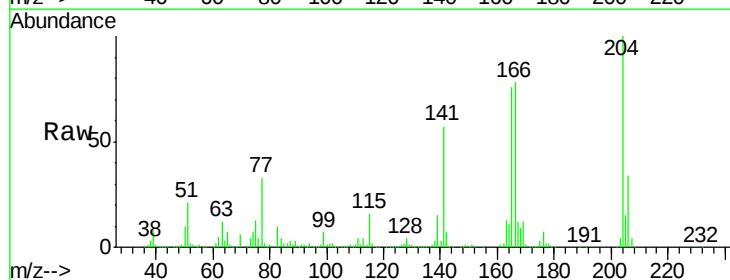
Tgt Ion:204 Resp: 1013480

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

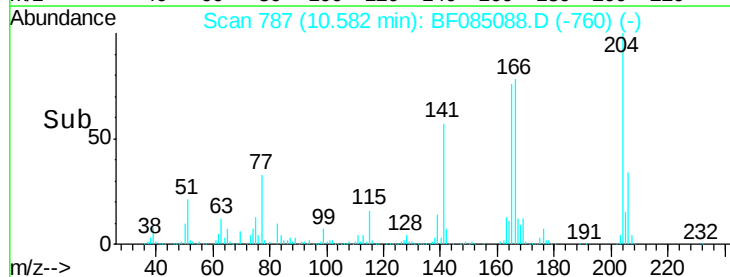
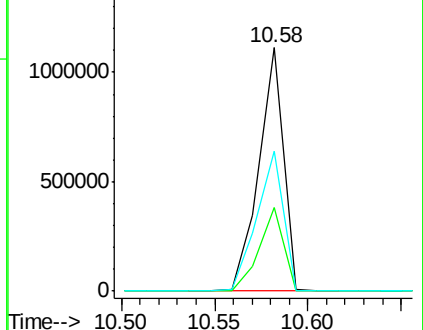
141 57.5 50.5 75.7

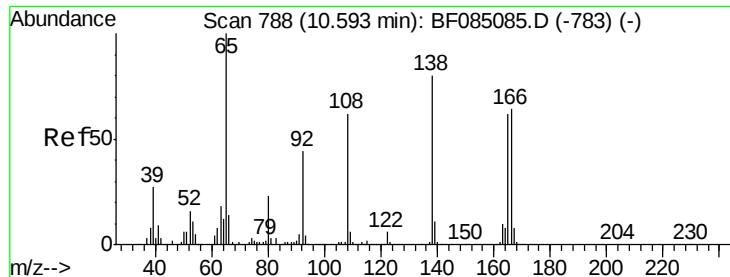


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

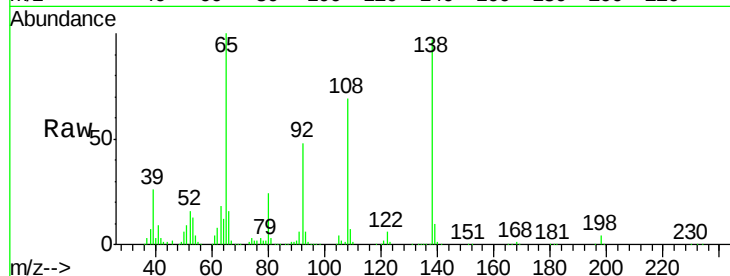




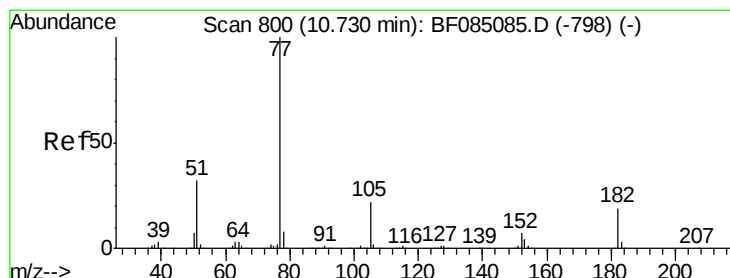
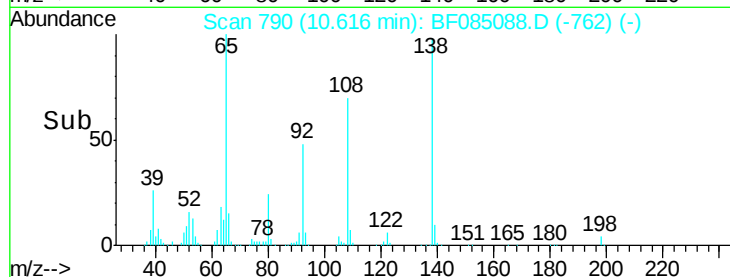
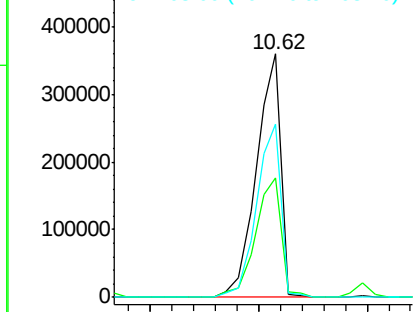
#61
4-Nitroaniline
Concen: 88.32 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.02 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 562488
Ion Ratio Lower Upper
138 100
92 49.1 32.6 72.6
108 71.0 54.6 94.6

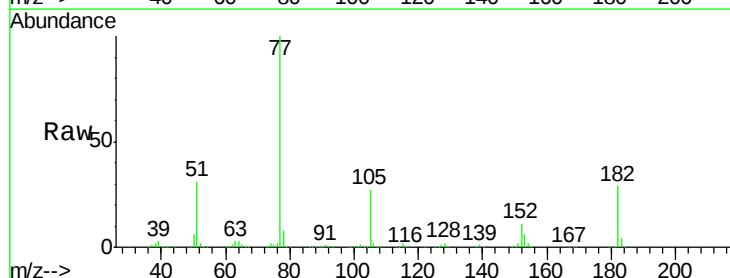


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

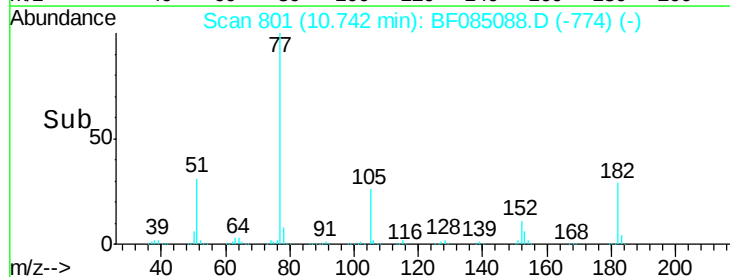
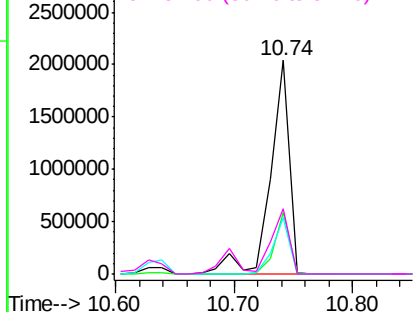


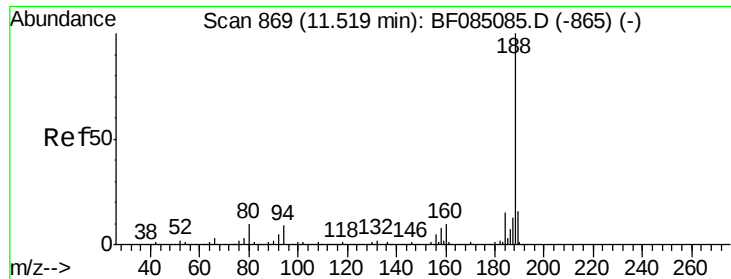
#62
Azobenzene
Concen: 77.92 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion: 77 Resp: 2262190
Ion Ratio Lower Upper
77 100
182 28.9 1.3 41.3
105 26.6 4.2 44.2
51 30.6 13.5 53.5



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

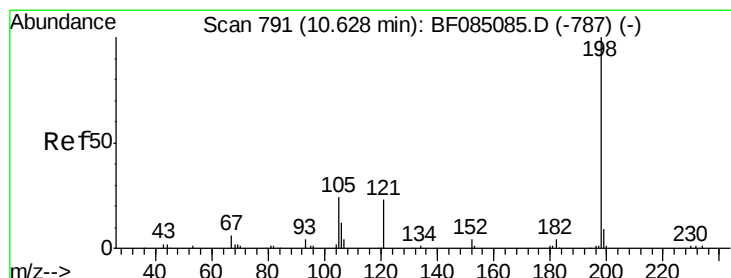
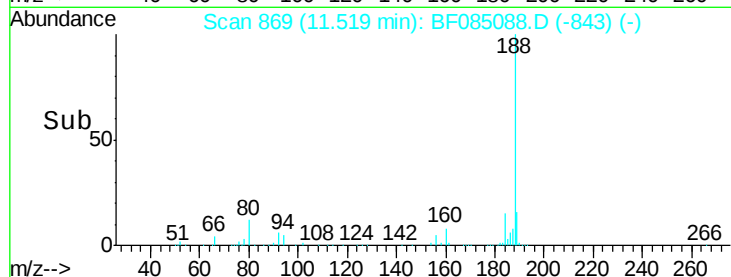
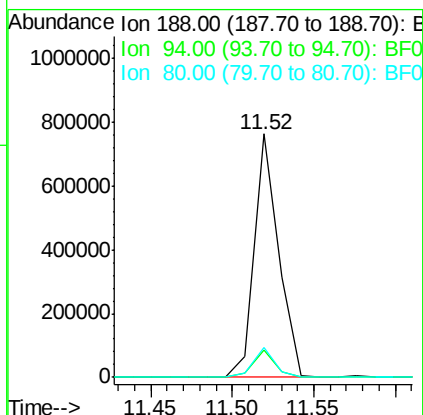
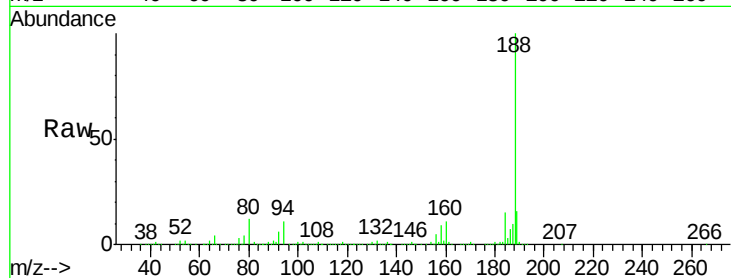




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

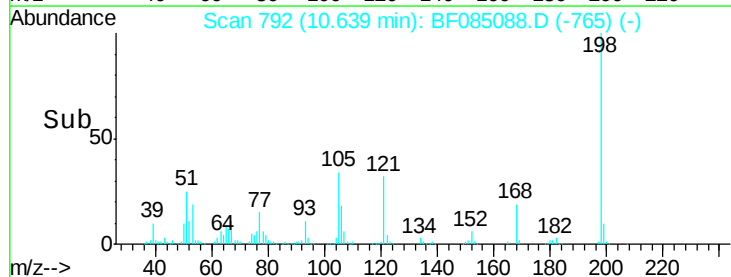
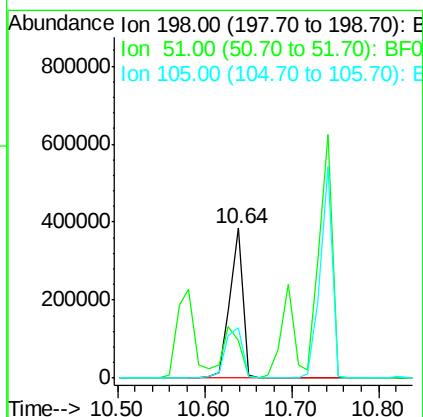
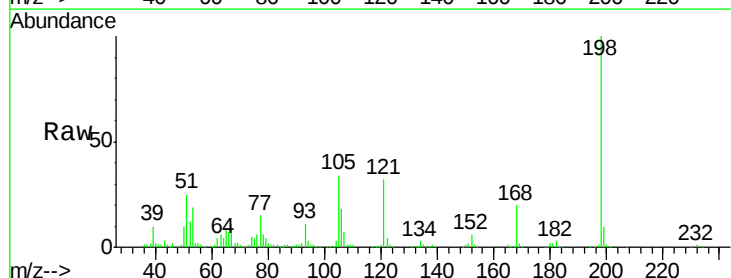
Instrument :
BNA_F
ClientSampled :

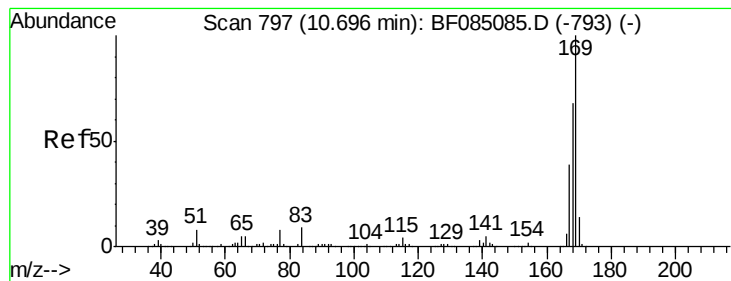
Tot Ion:188 Resp: 790450
Ion Ratio Lower Upper
188 100
94 11.3 6.2 9.2#
80 12.3 6.6 9.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 95.39 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:198 Resp: 401549
Ion Ratio Lower Upper
198 100
51 24.7 34.5 74.5#
105 33.7 26.2 66.2

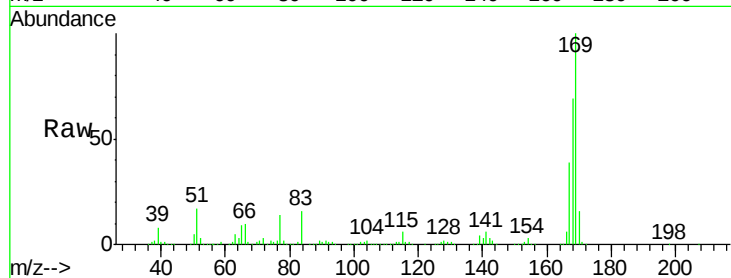




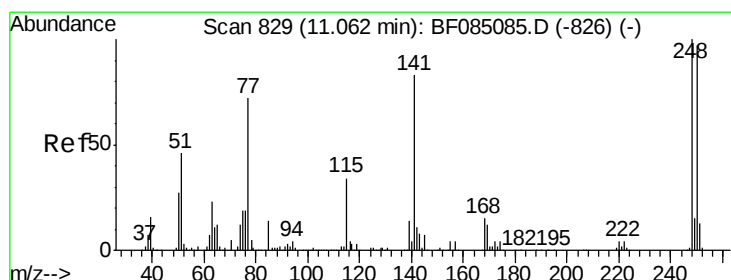
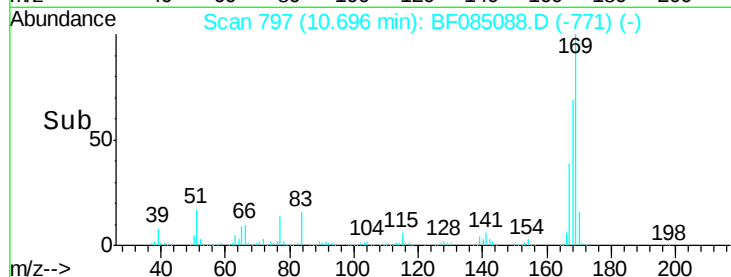
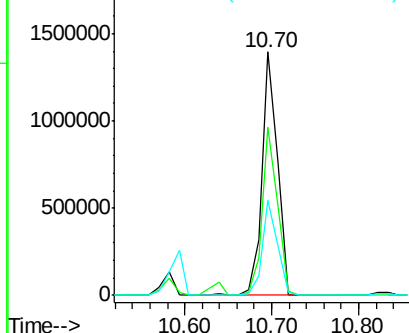
#65
 n-Nitrosodiphenylamine
 Concen: 68.85 ng
 RT: 10.70 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1727943
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.8 82.2
 167 39.3 29.8 44.8

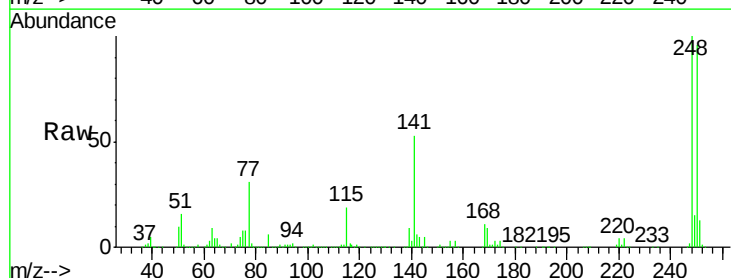


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

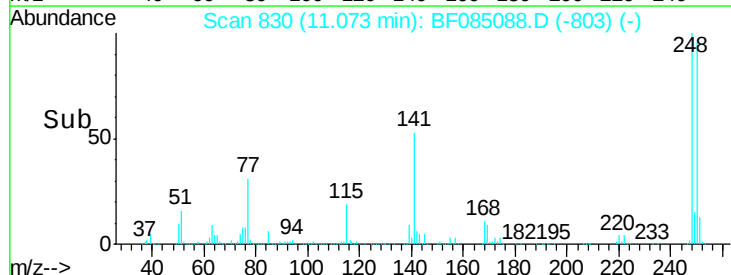
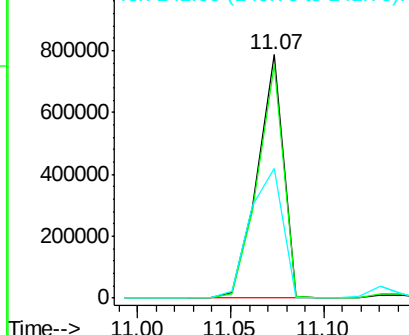


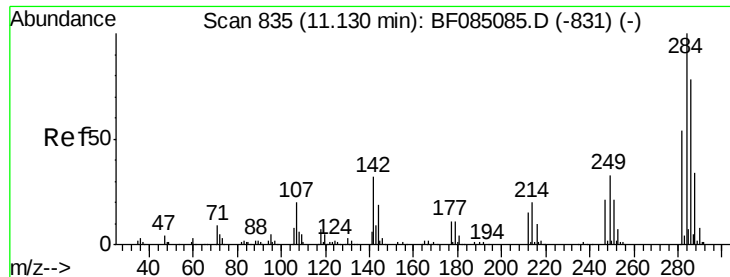
#66
 4-Bromophenyl-phenylether
 Concen: 85.97 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion:248 Resp: 756935
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.5 116.3
 141 53.2 58.2 87.4#



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

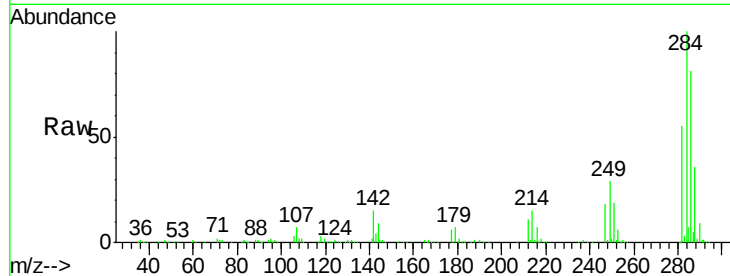




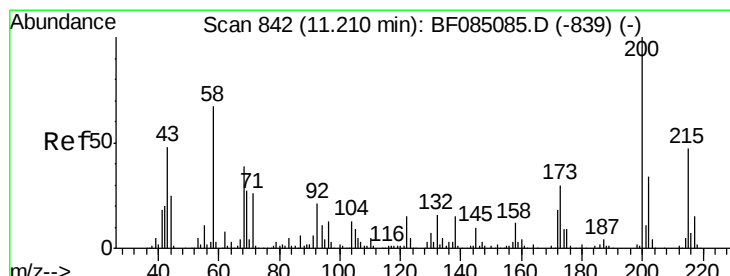
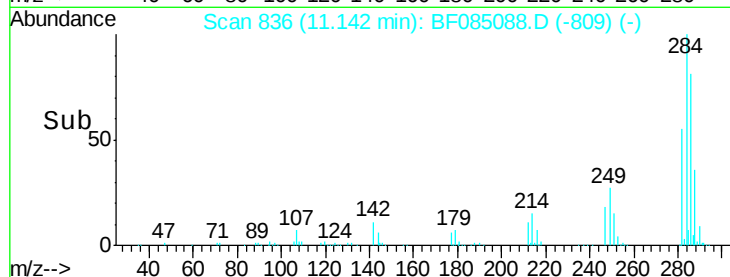
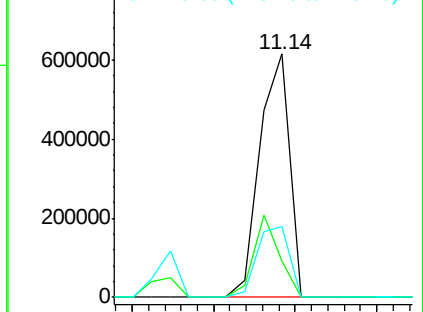
#67
Hexachlorobenzene
Concen: 82.51 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 776750
Ion Ratio Lower Upper
284 100
142 15.0 33.5 50.3#
249 28.9 27.4 41.2

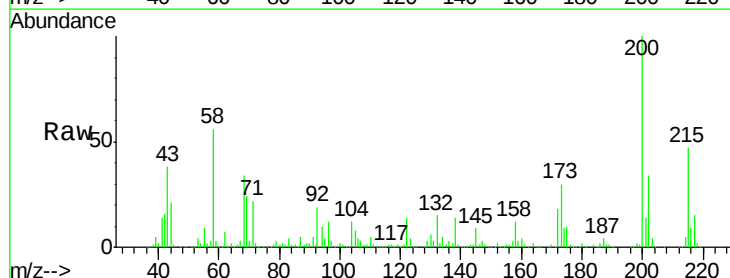


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

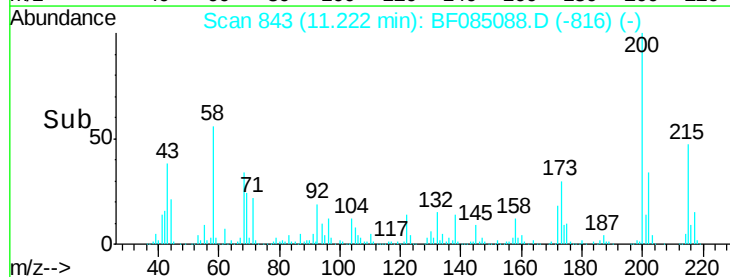
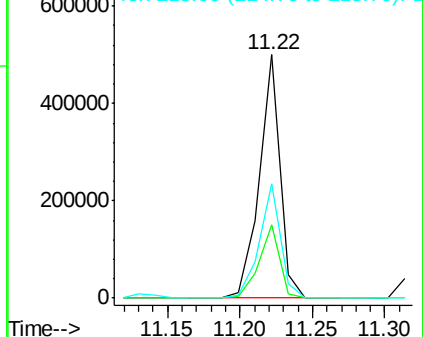


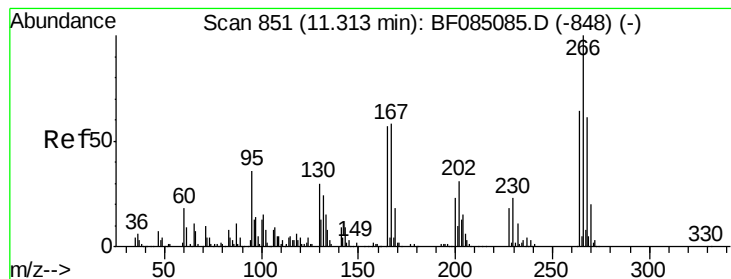
#68
Atrazine
Concen: 67.97 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:200 Resp: 494394
Ion Ratio Lower Upper
200 100
173 30.0 4.7 44.7
215 47.2 24.8 64.8



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: 140.31 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

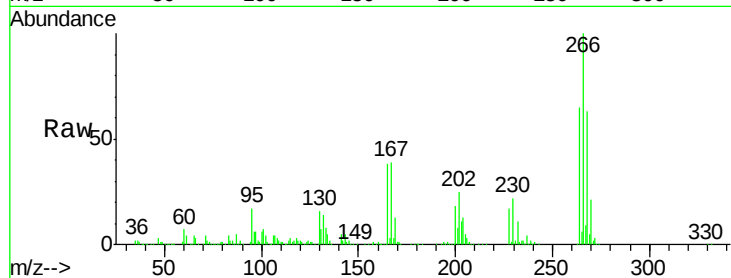
Tot Ion:266 Resp: 507847

Ion Ratio Lower Upper

266 100

268 63.5 47.3 70.9

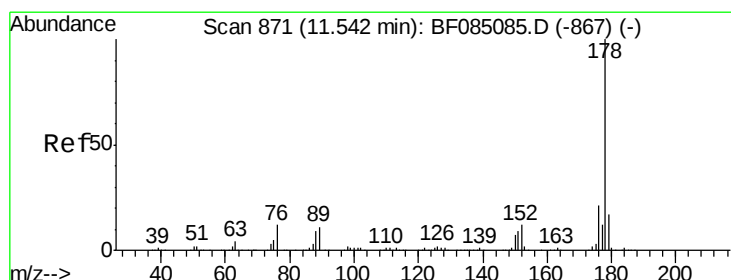
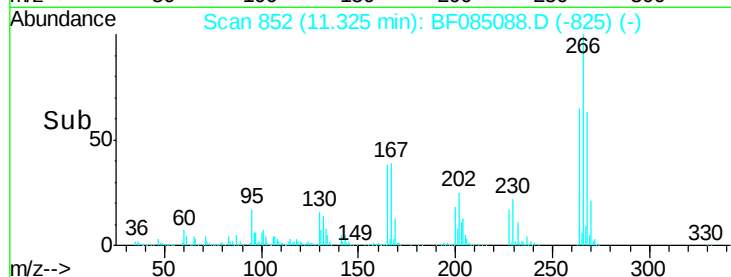
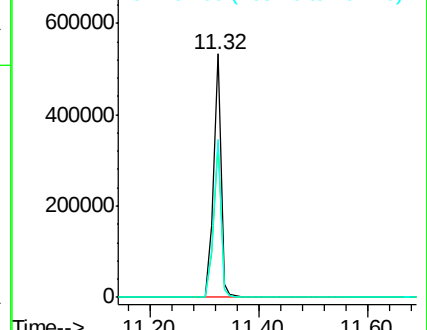
264 64.7 49.8 74.6



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: 65.42 ng

RT: 11.55 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

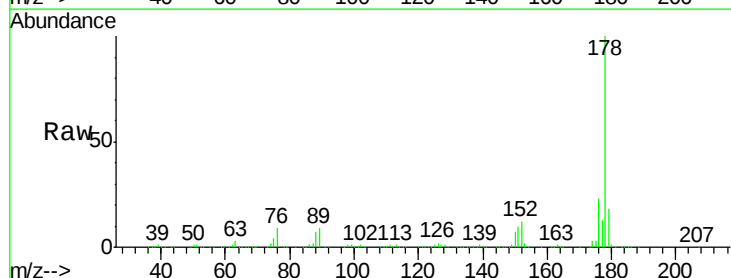
Tgt Ion:178 Resp: 2851537

Ion Ratio Lower Upper

178 100

176 23.4 15.9 23.9

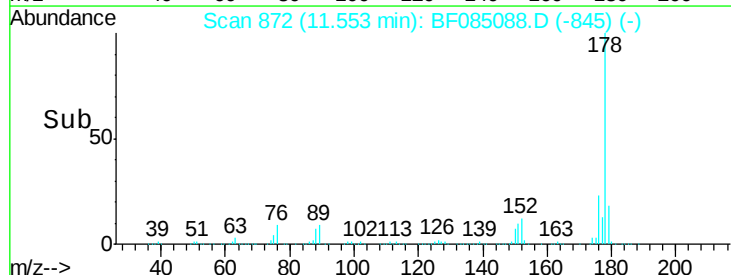
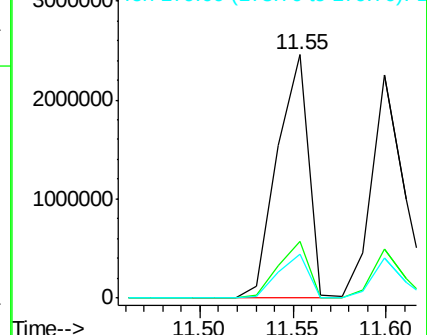
179 18.0 13.1 19.7

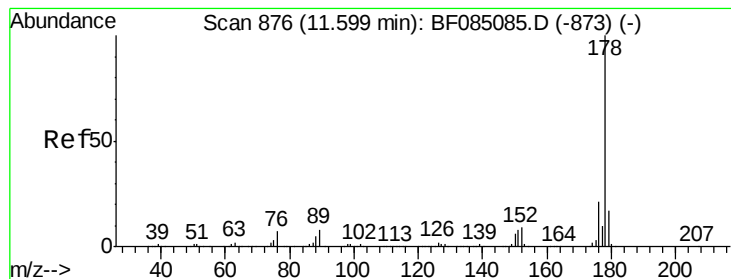


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 56.12 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

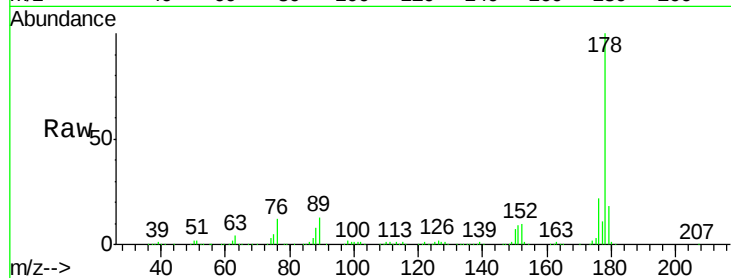
Tot Ion:178 Resp: 2555970

Ion Ratio Lower Upper

178 100

176 22.3 14.8 22.2#

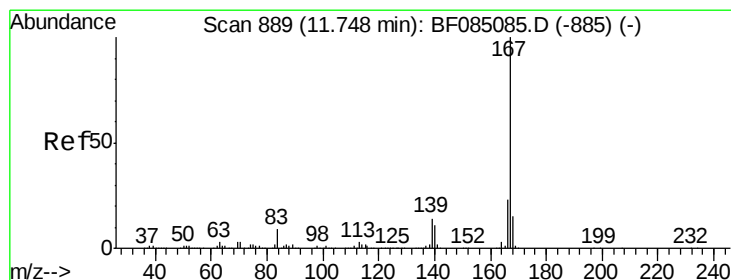
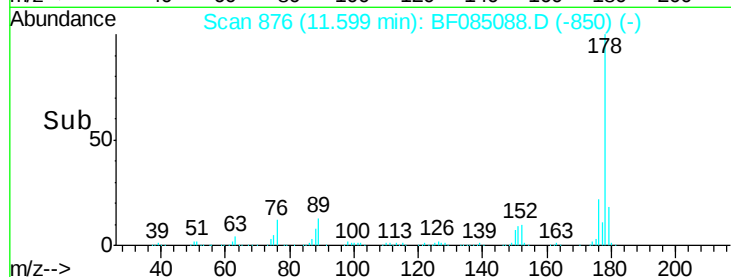
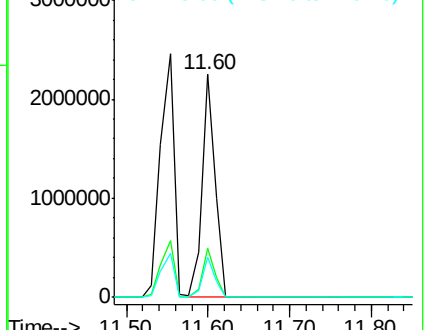
179 18.0 12.2 18.2



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: 69.21 ng

RT: 11.75 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

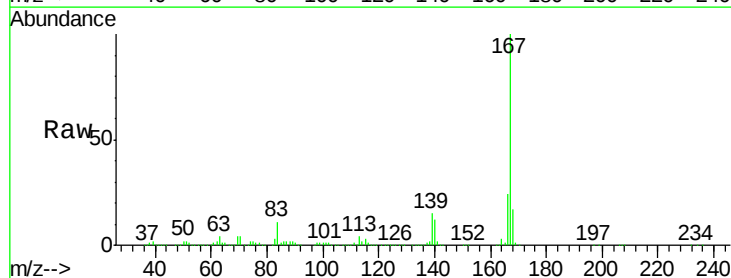
Tgt Ion:167 Resp: 2610016

Ion Ratio Lower Upper

167 100

166 23.8 17.4 26.0

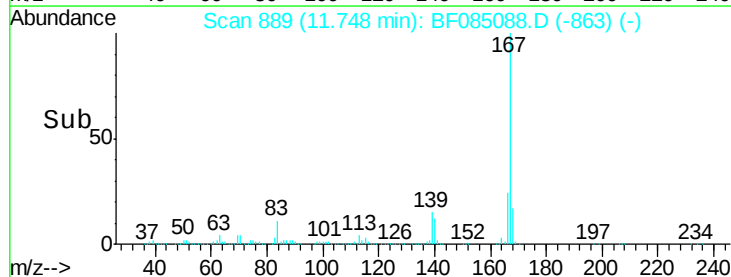
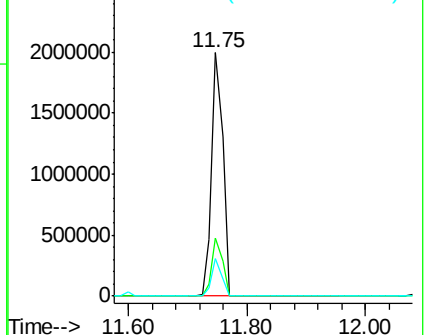
139 15.4 11.0 16.6

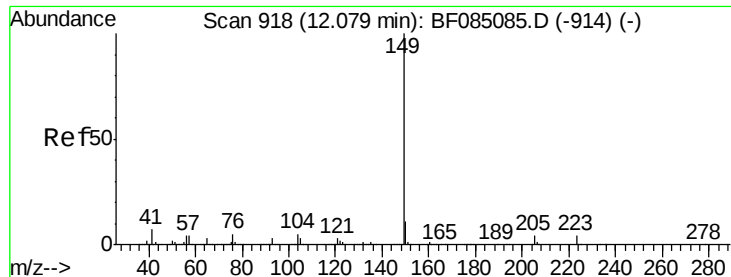


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.45 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

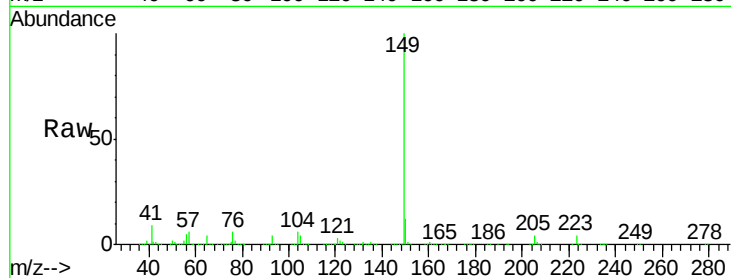
Tot Ion:149 Resp: 2695446

Ion Ratio Lower Upper

149 100

150 11.6 7.5 11.3#

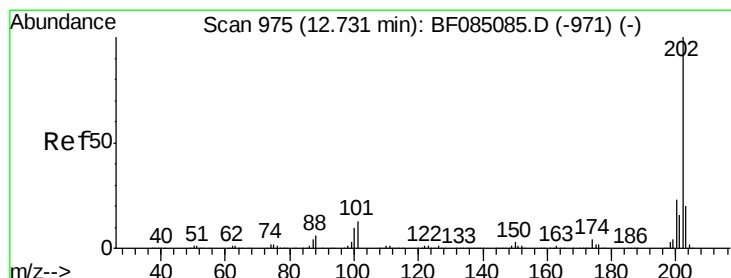
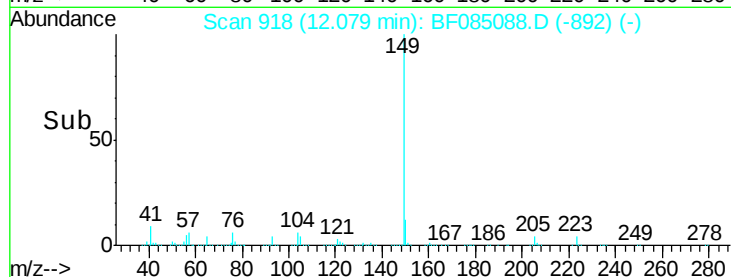
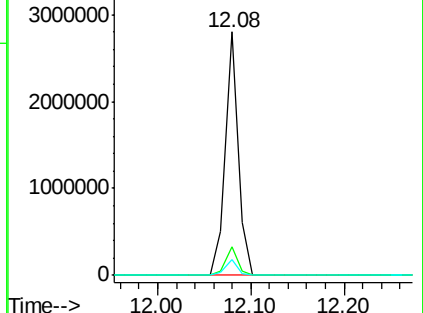
104 6.4 4.2 6.2#



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: 72.14 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

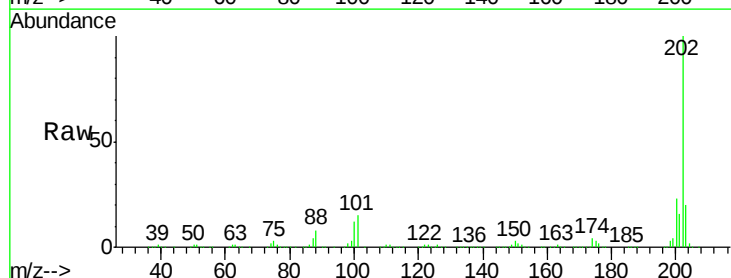
Tgt Ion:202 Resp: 3132920

Ion Ratio Lower Upper

202 100

101 15.3 0.0 29.8

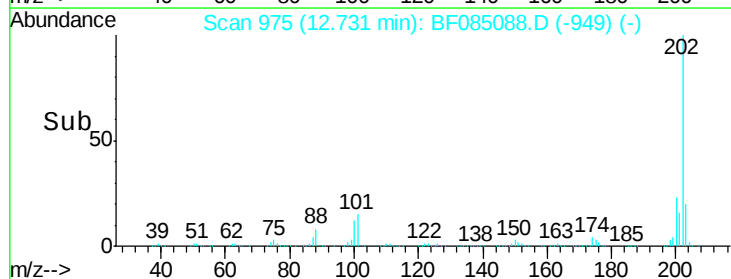
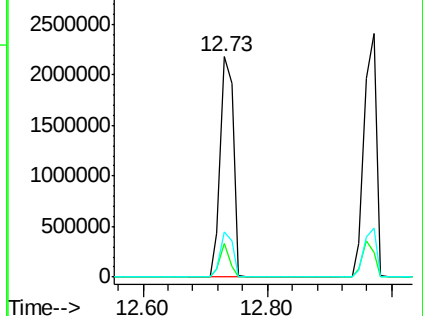
203 20.3 0.0 37.5

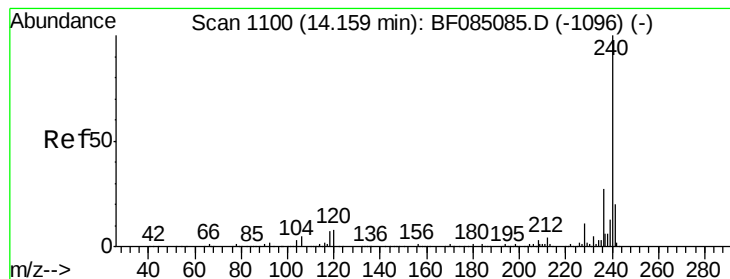


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

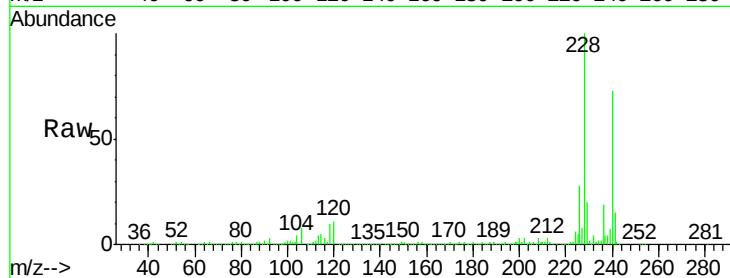
Tot Ion:240 Resp: 679460

Ion Ratio Lower Upper

240 100

120 15.1 7.0 10.6#

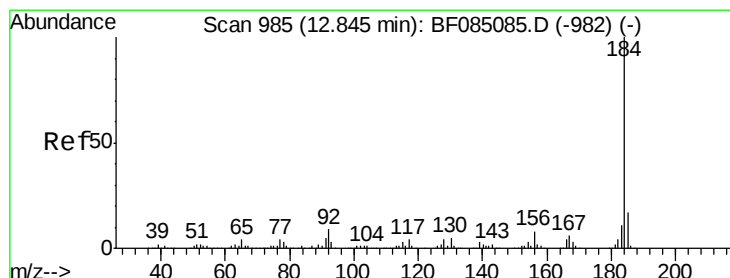
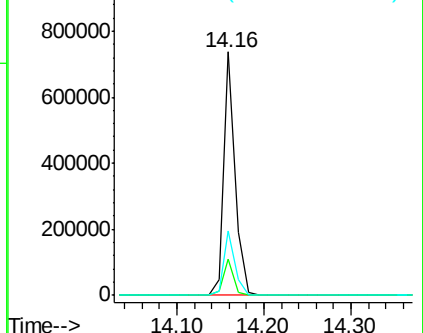
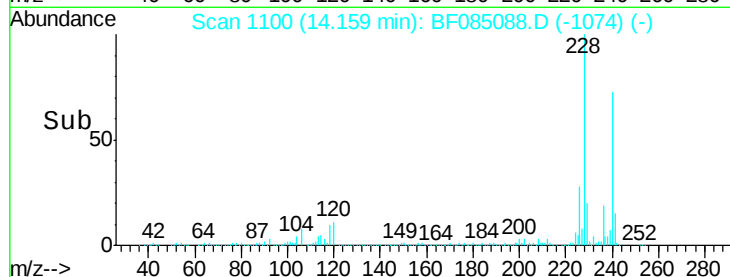
236 26.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 114.11 ng

RT: 12.86 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

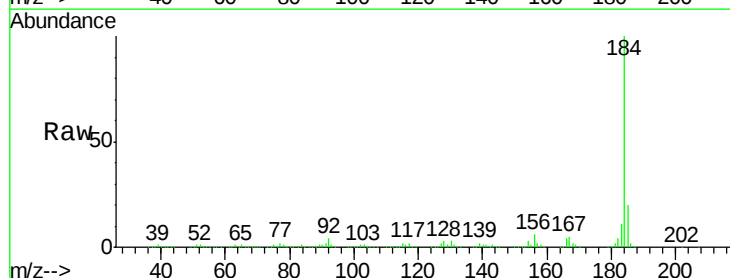
Tgt Ion:184 Resp: 1365196

Ion Ratio Lower Upper

184 100

185 19.6 11.8 17.8#

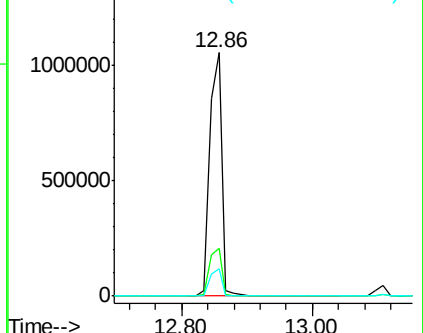
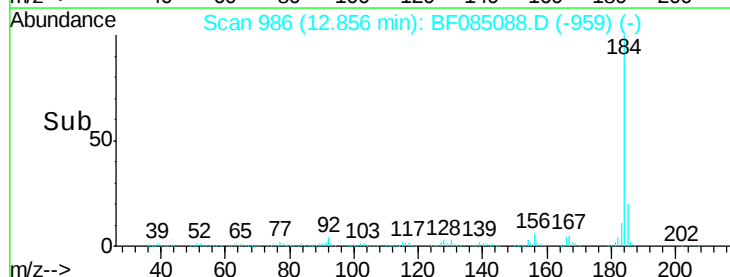
183 11.4 8.6 12.8

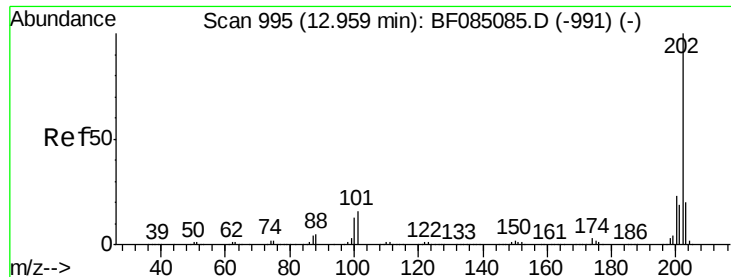


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

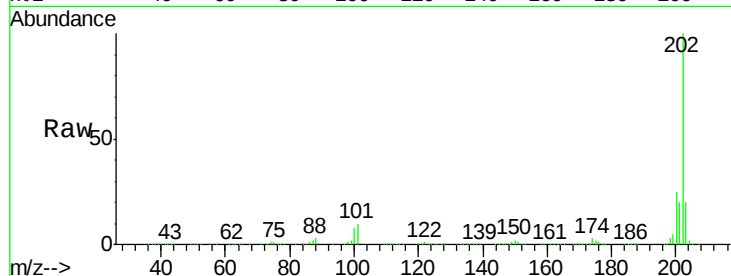




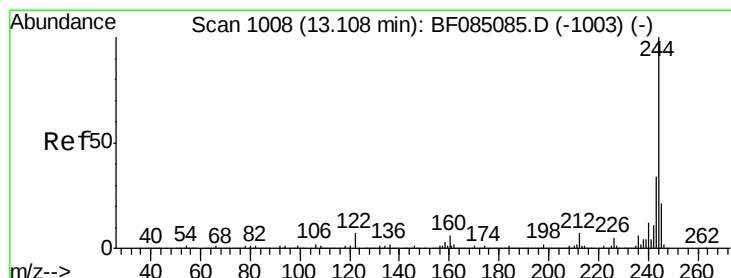
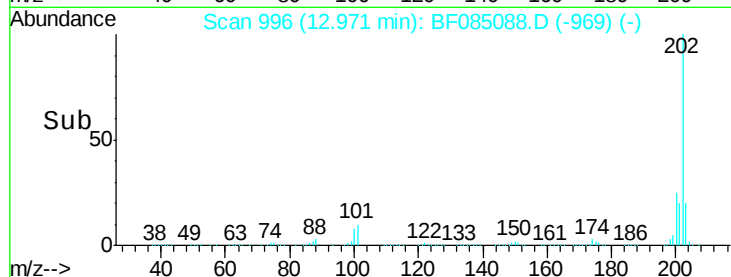
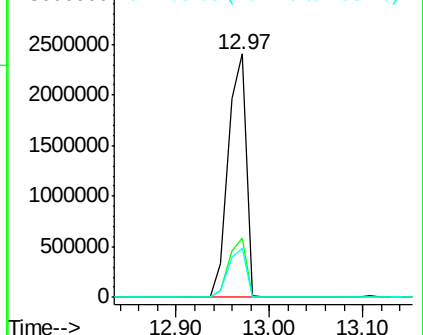
#77
Pvrene
Concen: 59.94 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 3257512
Ion Ratio Lower Upper
202 100
200 24.5 17.0 25.4
203 20.0 14.2 21.4

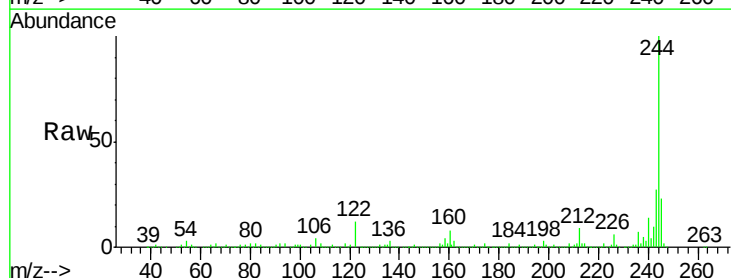


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

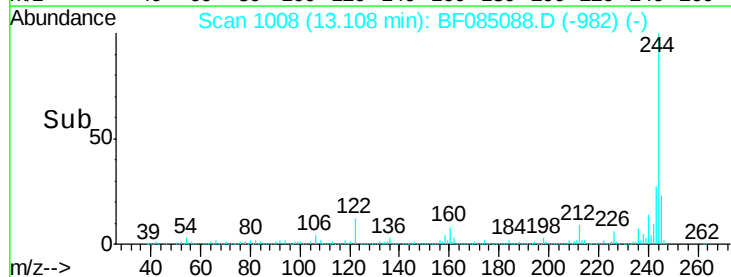
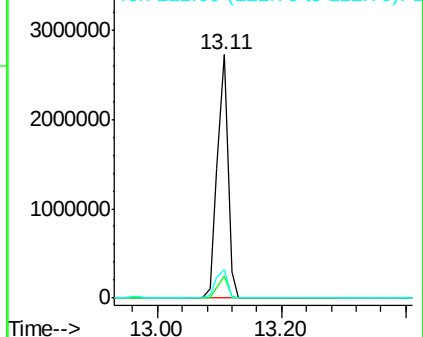


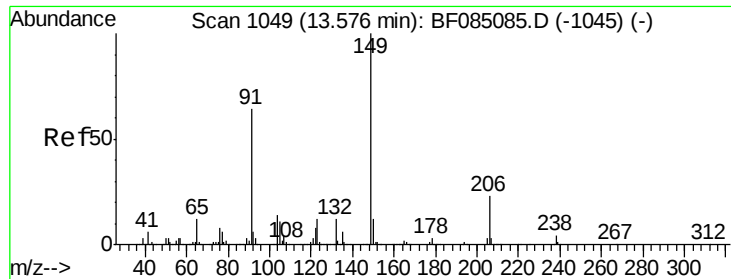
#78
Terphenyl-d14
Concen: 95.69 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:244 Resp: 3159009
Ion Ratio Lower Upper
244 100
212 9.0 6.0 9.0#
122 11.9 10.1 15.1



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

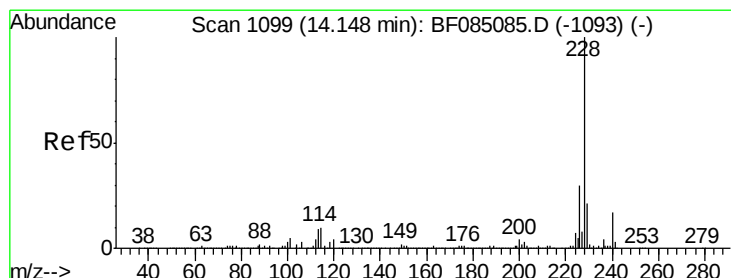
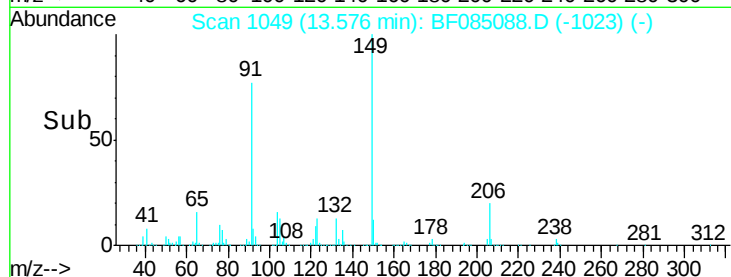
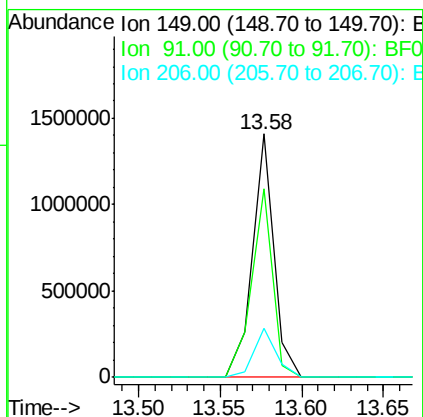
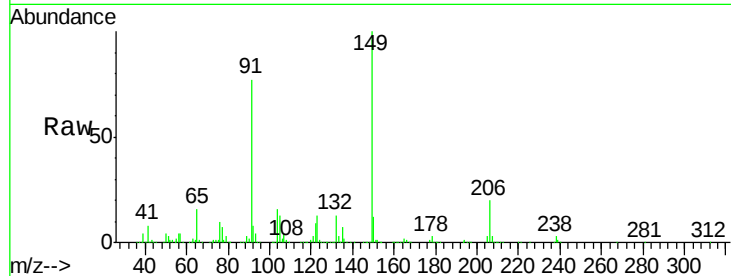




#79
Butylbenzylphthalate
Concen: 56.29 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

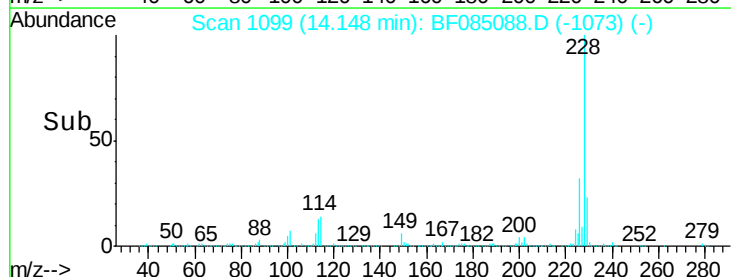
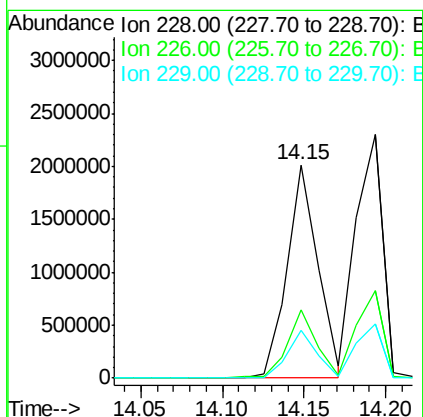
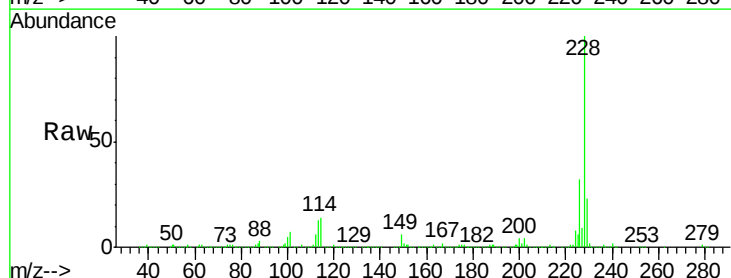
Instrument :
BNA_F
ClientSampleId :

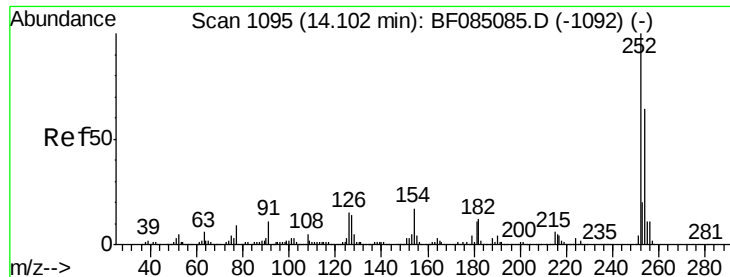
Tot Ion:149 Resp: 1286752
Ion Ratio Lower Upper
149 100
91 77.2 57.8 86.8
206 20.3 13.8 20.8



#80
Benzo(a)anthracene
Concen: 67.65 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF085088.D
Acq: 17 Feb 2016 15:09

Tgt Ion:228 Resp: 2661543
Ion Ratio Lower Upper
228 100
226 32.0 21.8 32.6
229 22.5 15.8 23.8

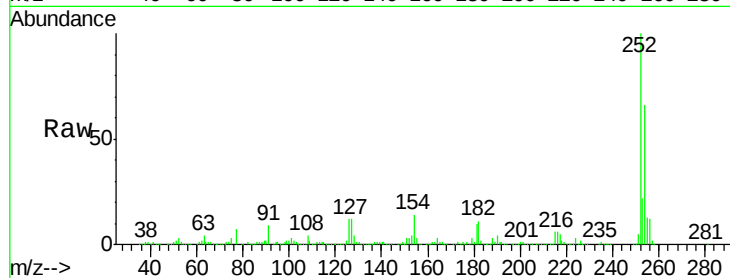




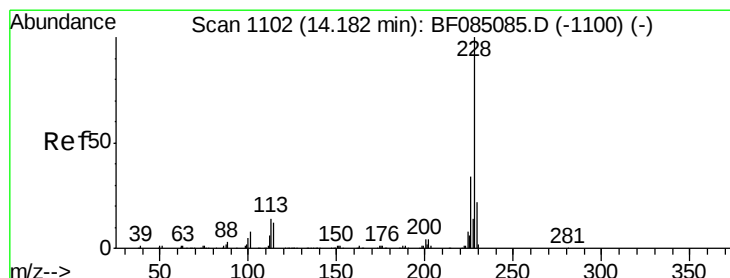
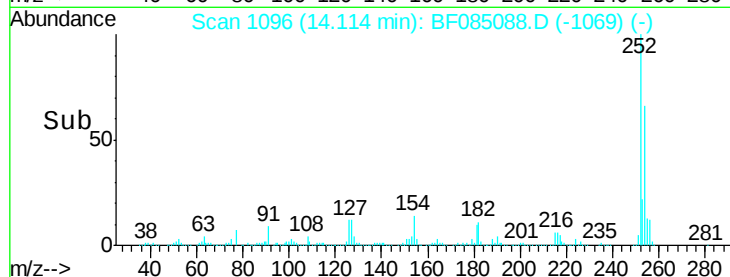
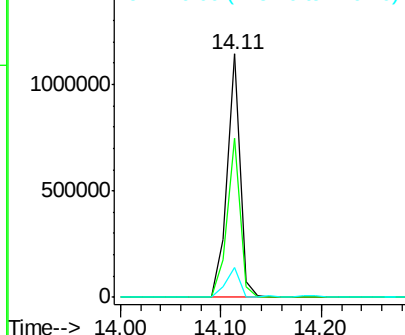
#81
 3,3'-Dichlorobenzidine
 Concen: 90.31 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1032688
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.9 79.3
 126 12.1 10.6 16.0

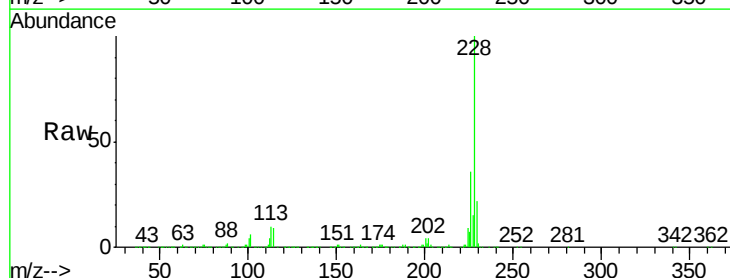


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

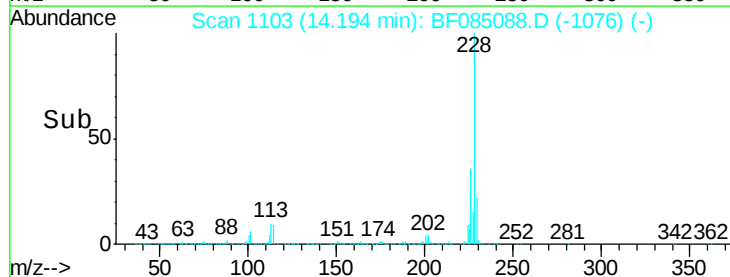
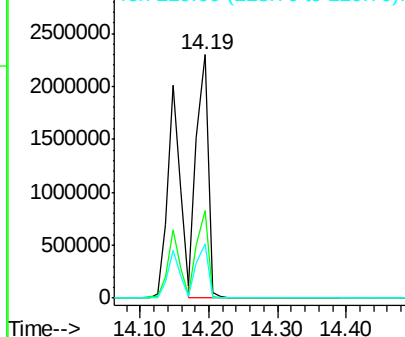


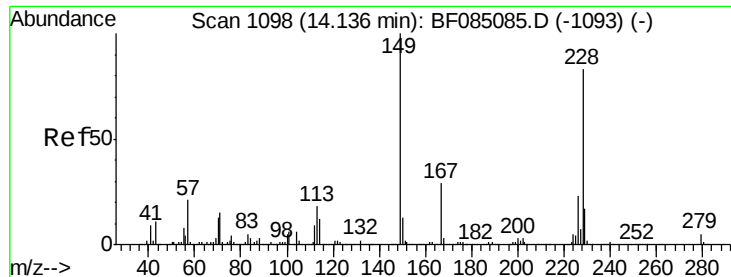
#82
 Chrysene
 Concen: 70.42 ng
 RT: 14.19 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion:228 Resp: 2686955
 Ion Ratio Lower Upper
 228 100
 226 36.0 24.3 36.5
 229 22.3 16.1 24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.16 ng

RT: 14.14 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

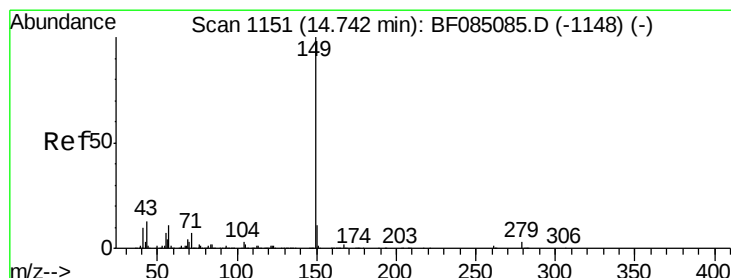
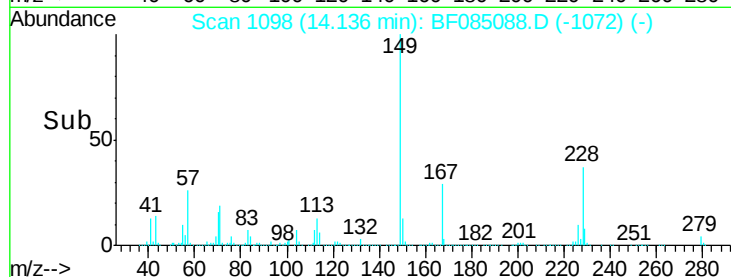
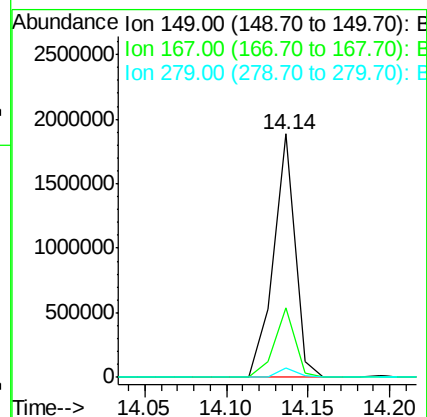
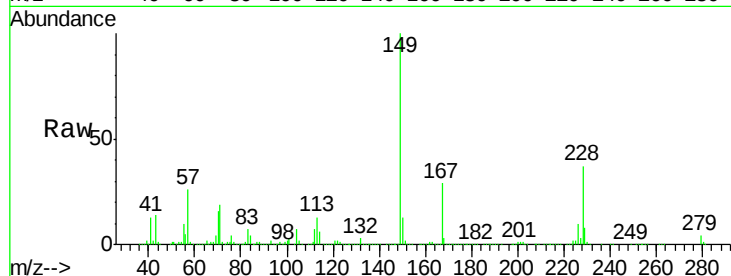
Tot Ion:149 Resp: 1747684

Ion Ratio Lower Upper

149 100

167 28.8 21.0 31.6

279 3.9 2.4 3.6#



#84

Di-n-octyl phthalate

Concen: 71.32 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

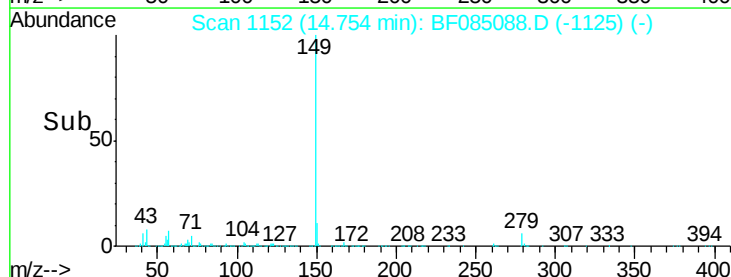
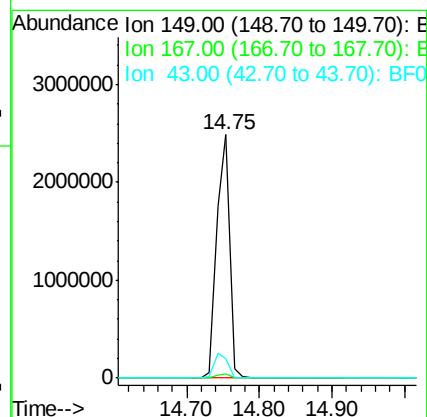
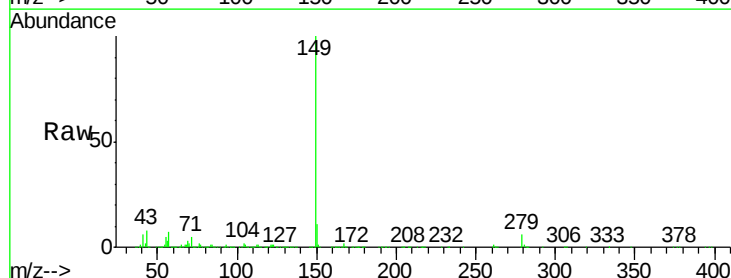
Tgt Ion:149 Resp: 3045141

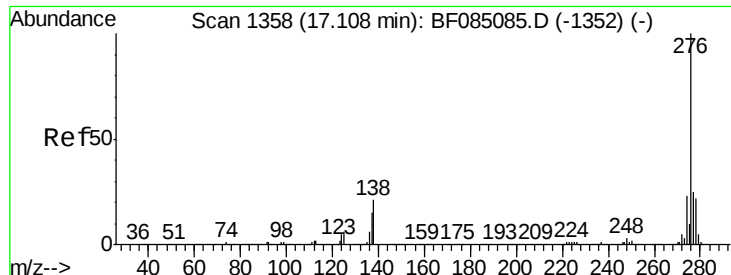
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 9.0 13.6

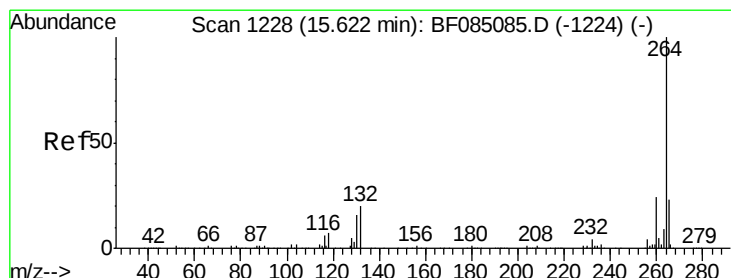
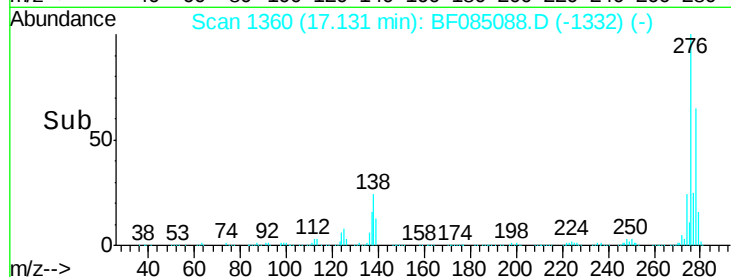
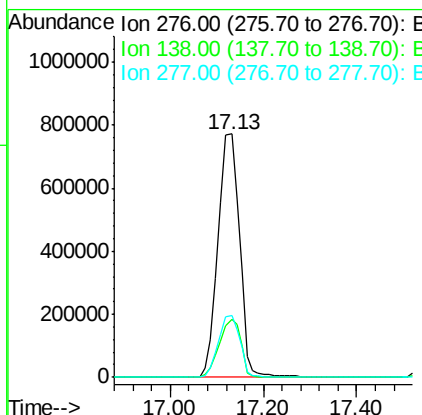
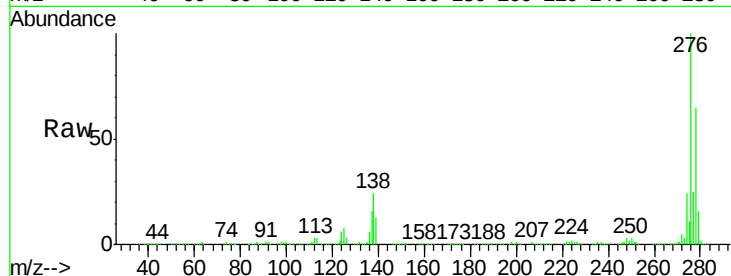




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78.20 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

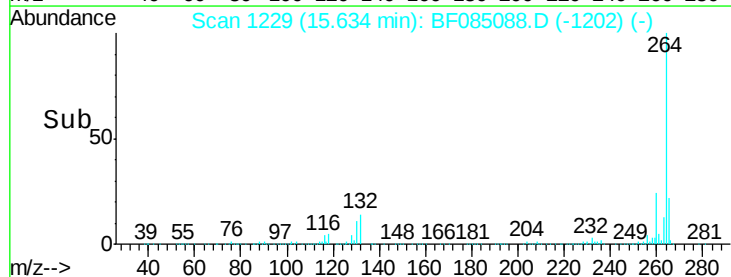
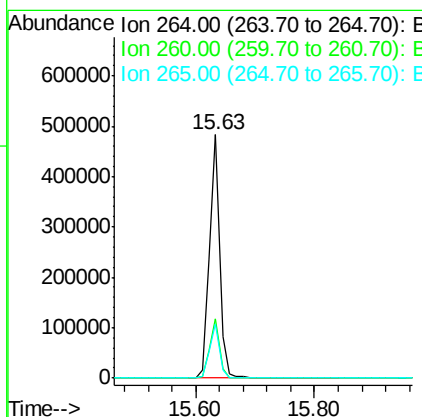
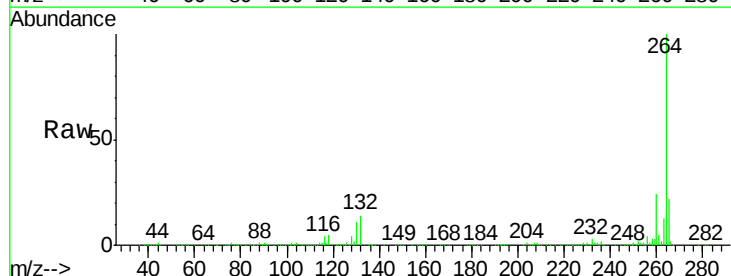
Instrument :
 BNA_F
 ClientSampled :

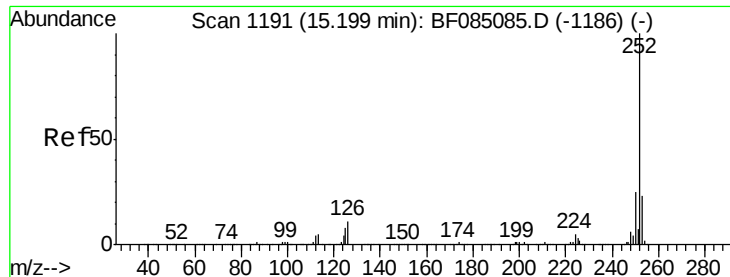
Tot Ion:276 Resp: 2479165
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.0 28.4
 277 25.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085088.D
 Acq: 17 Feb 2016 15:09

Tgt Ion:264 Resp: 575892
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.4 16.7 25.1





#87

Benzo(b)fluoranthene

Concen: 78.97 ng

RT: 15.21 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

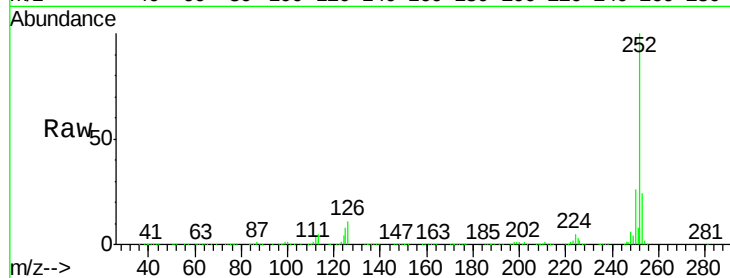
Tot Ion:252 Resp: 2981486

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

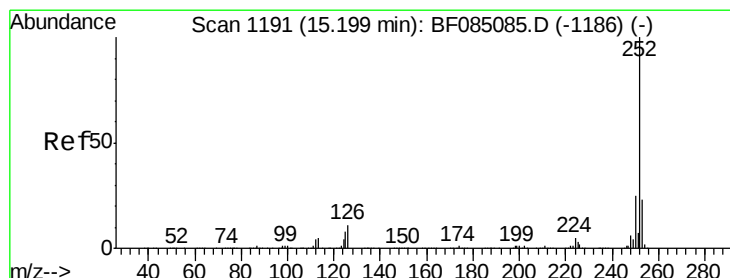
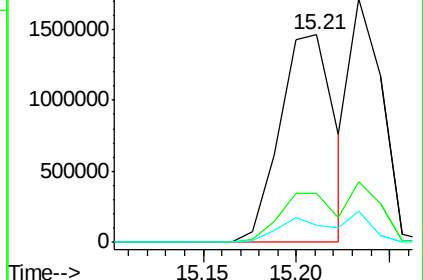
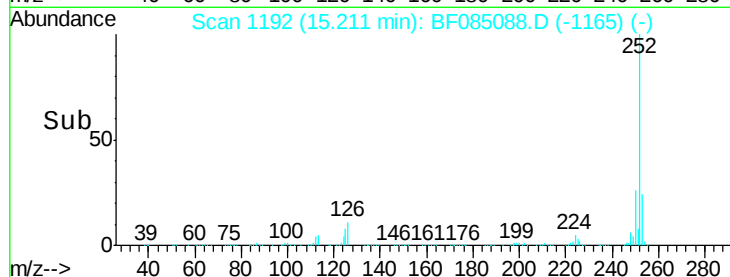
125 8.2 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 98.85 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

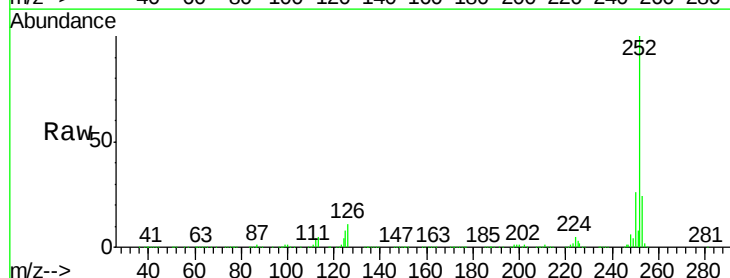
Tgt Ion:252 Resp: 2981486

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

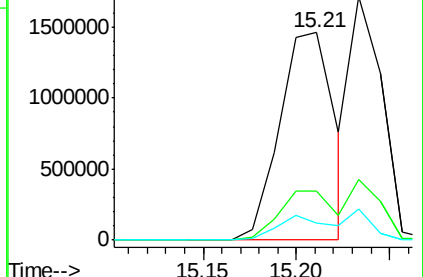
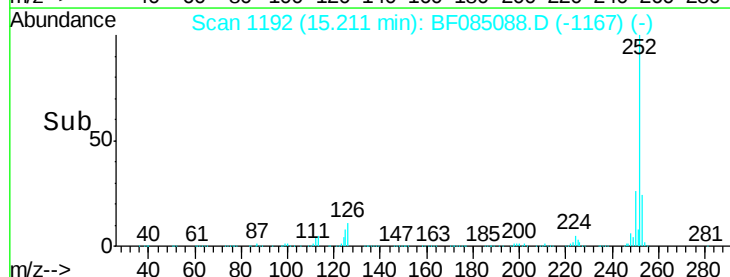
125 8.2 7.2 10.8

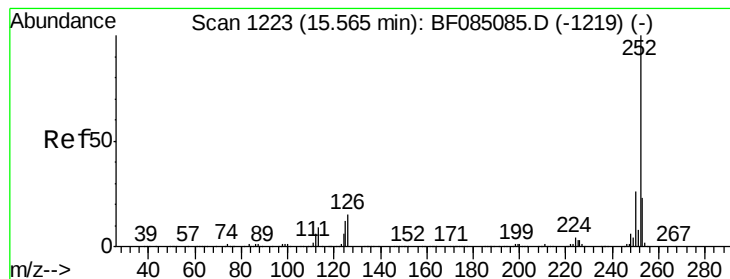


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 72.88 ng

RT: 15.58 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

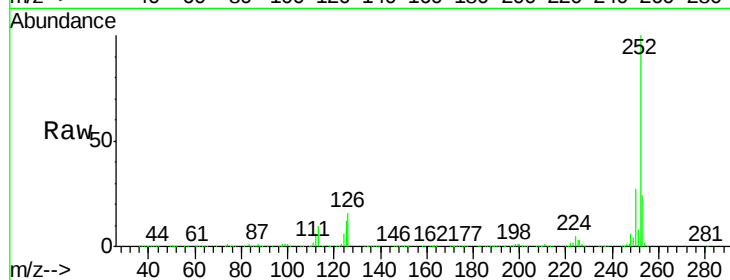
Tot Ion:252 Resp: 2327003

Ion Ratio Lower Upper

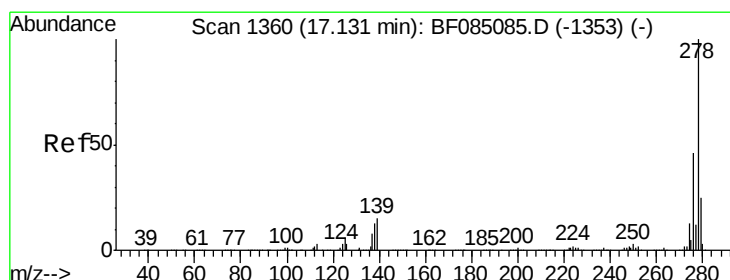
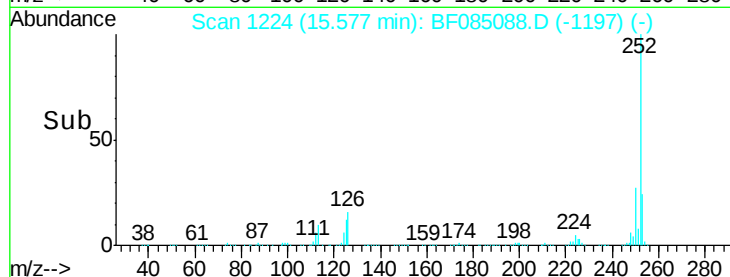
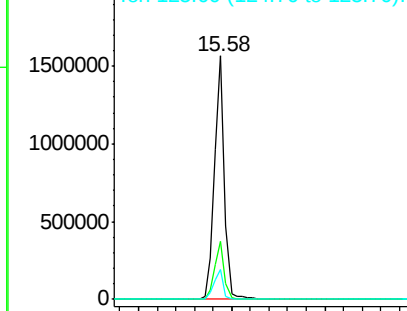
252 100

253 23.9 17.7 26.5

125 12.4 6.1 9.1#



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: 66.11 ng

RT: 17.14 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

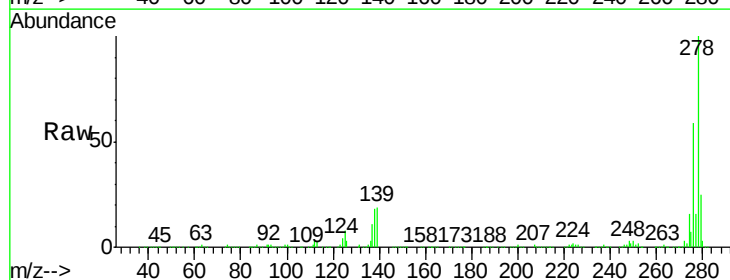
Tgt Ion:278 Resp: 2003574

Ion Ratio Lower Upper

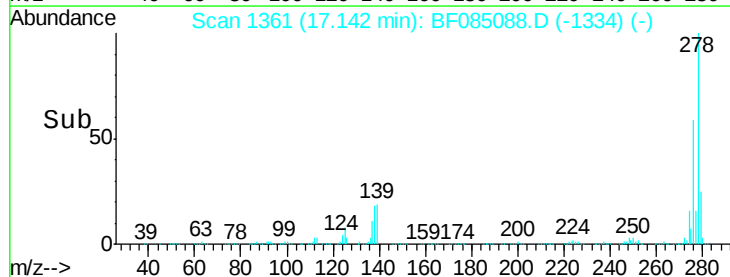
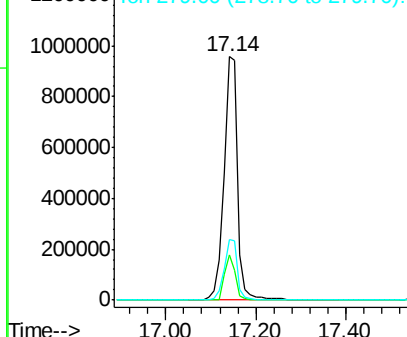
278 100

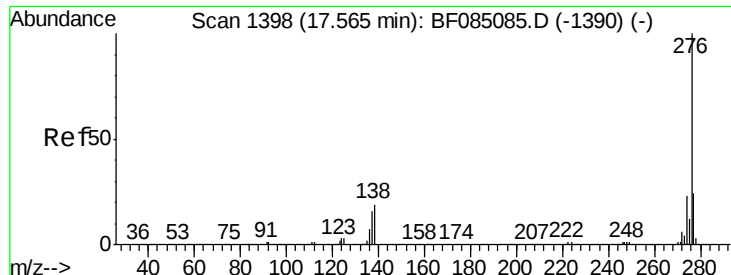
139 18.5 13.3 19.9

279 24.8 18.6 27.8



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: 63.63 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085088.D

Acq: 17 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

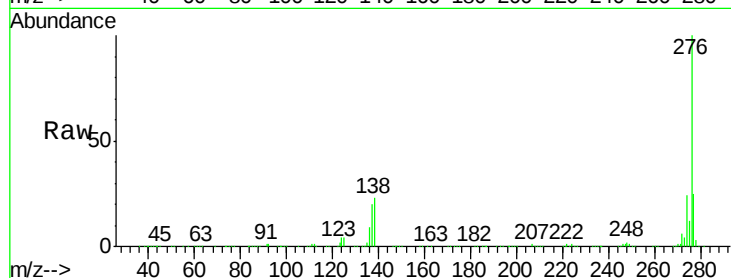
Tot Ion:276 Resp: 2002287

Ion Ratio Lower Upper

276 100

277 24.8 19.1 28.7

138 22.8 16.6 24.8



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

