

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081291.D
 Acq On : 30 Aug 2015 1:32
 Operator : UM/IZ
 Sample : G3474-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:11:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	59035	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	230419	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	110773	20.00	ng	-0.06
63) Phenanthrene-d10	10.98	188	191174	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	126342	20.00	ng	-0.06
86) Perylene-d12	14.93	264	106013	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	240001	61.15	ng	-0.05
7) Phenol-d6	6.15	99	215550	42.09	ng	-0.05
23) Nitrobenzene-d5	7.06	82	404379	80.17	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	94534	98.45	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	613449	72.56	ng	-0.05
78) Terphenyl-d14	12.57	244	493516	83.74	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	32083	17.35	ng	94
3) Pyridine	2.54	79	55167	10.57	ng	# 84
4) n-Nitrosodimethylamine	2.43	42	49398	17.00	ng	85
6) Aniline	6.17	93	49185	6.61	ng	# 53
8) 2-Chlorophenol	6.27	128	139920	32.57	ng	84
9) Benzaldehyde	6.02	77	24255	7.35	ng	84
10) Phenol	6.16	94	88586	14.65	ng	# 75
11) bis(2-Chloroethyl)ether	6.23	93	234003	50.42	ng	93
12) 1,3-Dichlorobenzene	6.42	146	178192	38.60	ng	96
13) 1,4-Dichlorobenzene	6.50	146	185400	40.56	ng	97
14) 1,2-Dichlorobenzene	6.65	146	150819	35.25	ng	99
15) Benzyl Alcohol	6.65	79	115892	27.97	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	354917	38.92	ng	81
17) 2-Methylphenol	6.78	107	100615	27.30	ng	# 91
18) Hexachloroethane	6.99	117	73004	39.53	ng	95
19) n-Nitroso-di-n-propylamine	6.93	70	135641	38.24	ng	93
20) 3+4-Methylphenols	6.94	107	130241	27.84	ng	# 45
22) Acetophenone	6.90	105	257512	42.57	ng	# 89
24) Nitrobenzene	7.09	77	203749	38.63	ng	# 85
25) Isophorone	7.33	82	358043	38.06	ng	99
26) 2-Nitrophenol	7.39	139	79476	36.24	ng	86
27) 2,4-Dimethylphenol	7.46	122	146744	37.82	ng	89
28) bis(2-Chloroethoxy)methane	7.54	93	209652	37.73	ng	99
29) 2,4-Dichlorophenol	7.65	162	122848	37.61	ng	89
30) 1,2,4-Trichlorobenzene	7.71	180	137290	37.81	ng	96
31) Naphthalene	7.79	128	479939	37.37	ng	99
32) Benzoic acid	7.59	122	38032	17.43	ng	90
33) 4-Chloroaniline	7.86	127	50043	9.23	ng	# 92
34) Hexachlorobutadiene	7.92	225	84768	41.29	ng	97
35) Caprolactam	8.30	113	7961	6.97	ng	92
36) 4-Chloro-3-methylphenol	8.35	107	142737	36.66	ng	92
37) 2-Methylnaphthalene	8.58	142	293053	36.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	120966	33.85	ng	# 96
40) Hexachlorocyclopentadiene	8.64	237	100263	54.20	ng	98

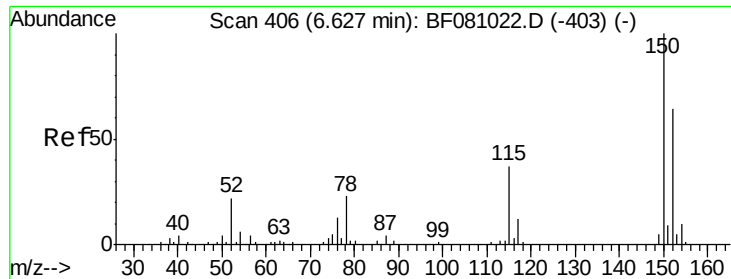
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081291.D
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 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	94384	37.38	nq	97
43) 2,4,5-Trichlorophenol	8.82	196	83590	33.13	nq	# 86
45) 1,1'-Biphenyl	8.95	154	344173	35.27	nq	95
46) 2-Chloronaphthalene	8.97	162	280847	35.83	nq	94
47) 2-Nitroaniline	9.09	65	117431	36.61	nq	# 65
48) Acenaphthylene	9.38	152	471571	33.63	nq	99
49) Dimethylphthalate	9.27	163	322688	35.37	nq	99
50) 2,6-Dinitrotoluene	9.33	165	63616	32.48	nq	# 67
51) Acenaphthene	9.55	154	289450	34.48	nq	99
52) 3-Nitroaniline	9.50	138	39040	15.93	nq	81
53) 2,4-Dinitrophenol	9.60	184	75629	71.04	nq	91
54) Dibenzofuran	9.73	168	402542	35.78	nq	95
55) 4-Nitrophenol	9.73	139	209557	121.73	nq	# 1
56) 2,4-Dinitrotoluene	9.73	165	82749	31.87	nq	# 59
57) Fluorene	10.07	166	302549	34.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	63495	32.51	nq	99
59) Diethylphthalate	9.97	149	367316	38.04	nq	97
60) 4-Chlorophenyl-phenylether	10.07	204	144969	39.59	nq	# 82
61) 4-Nitroaniline	10.10	138	33907	13.53	nq	97
62) Azobenzene	10.22	77	383800	34.49	nq	97
64) 4,6-Dinitro-2-methylphenol	10.13	198	47962	42.01	nq	# 79
65) n-Nitrosodiphenylamine	10.18	169	258136	37.83	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	80465	42.85	nq	# 79
67) Hexachlorobenzene	10.61	284	80041	42.08	nq	# 92
68) Atrazine	10.77	200	53974	28.39	nq	95
69) Pentachlorophenol	10.81	266	73911	64.77	nq	99
70) Phenanthrene	11.02	178	441317	38.95	nq	99
71) Anthracene	11.06	178	382225	34.67	nq	99
72) Carbazole	11.23	167	415921	39.18	nq	99
73) Di-n-butylphthalate	11.58	149	502185	39.10	nq	98
74) Fluoranthene	12.19	202	479141	39.19	nq	98
77) Pyrene	12.41	202	415538	40.46	nq	99
79) Butylbenzylphthalate	13.06	149	225202	51.01	nq	93
80) Benzo(a)anthracene	13.60	228	349503	41.25	nq	99
82) Chrysene	13.64	228	322790	42.27	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	324500	57.38	nq	100
84) Di-n-octyl phthalate	14.23	149	509340	59.26	nq	97
85) Indeno(1,2,3-cd)pyrene	16.08	276	285023	53.16	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	511809	68.25	nq	# 95
88) Benzo(k)fluoranthene	14.61	252	511809	73.25	nq	98
89) Benzo(a)pyrene	14.88	252	264581	40.49	nq	98
90) Dibenzo(a,h)anthracene	16.09	278	236904	46.53	nq	# 95
91) Benzo(g,h,i)perylene	16.42	276	240597	46.58	nq	# 93

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

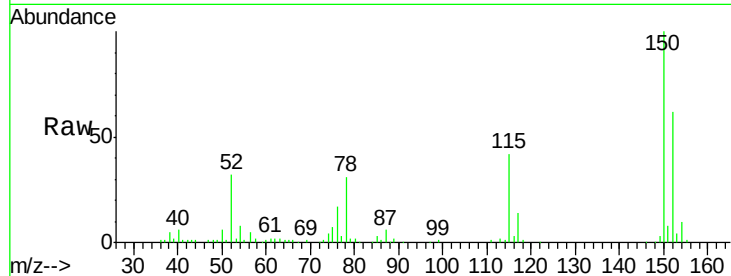


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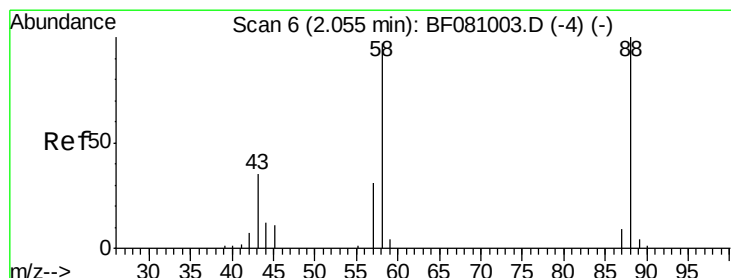
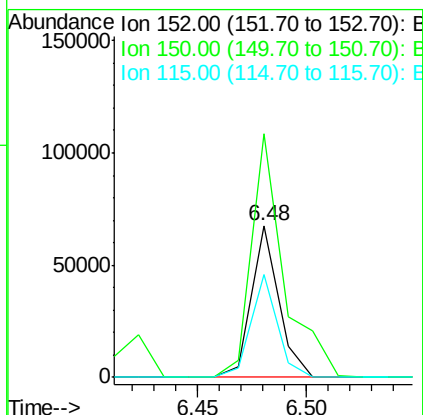
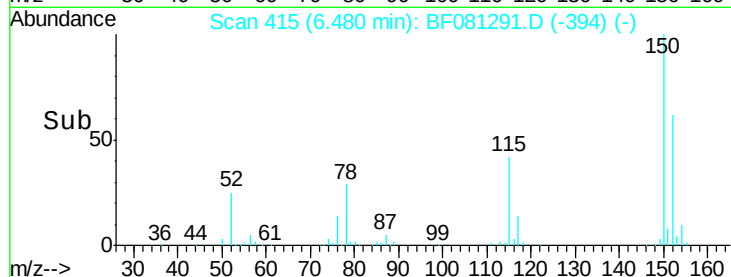
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	123.8	185.6
115	67.7	52.1	78.1



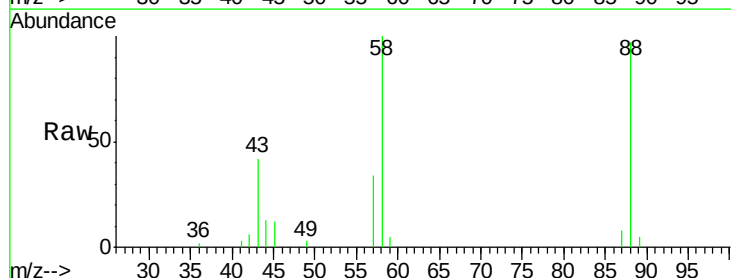
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



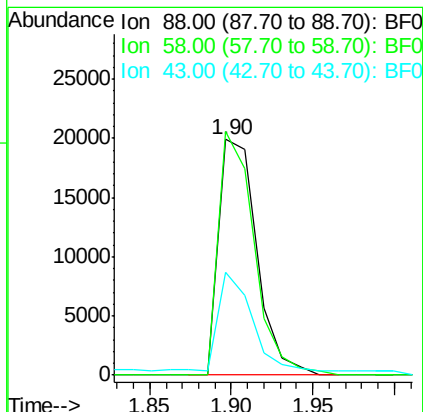
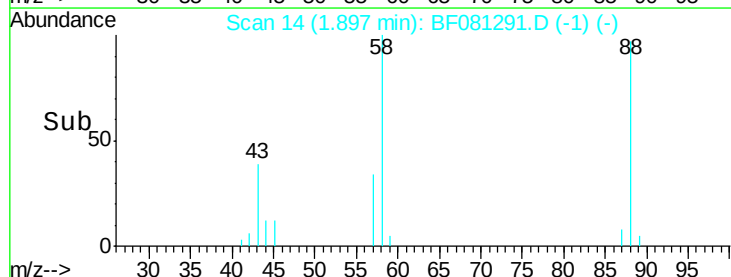
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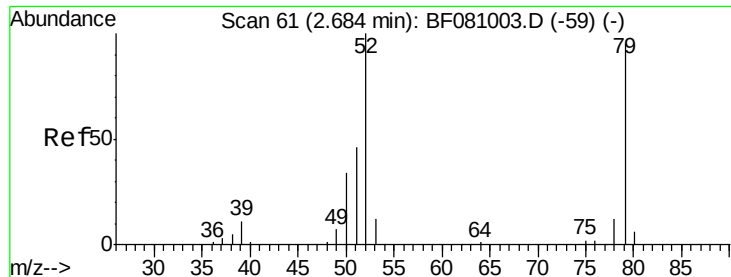
1,4-Dioxane
Concen: 17.35 ng
RT: 1.90 min Scan# 14
Delta R.T. -0.04 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	83.7	125.5
43	44.9	37.5	56.3



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: 10.57 ng

RT: 2.54 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

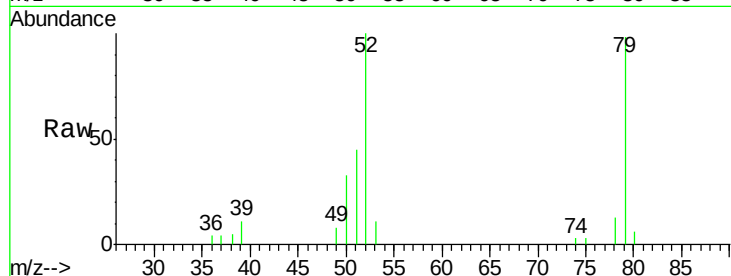
Tot Ion: 79 Resp: 55167

Ion Ratio Lower Upper

79 100

52 102.0 95.1 142.7

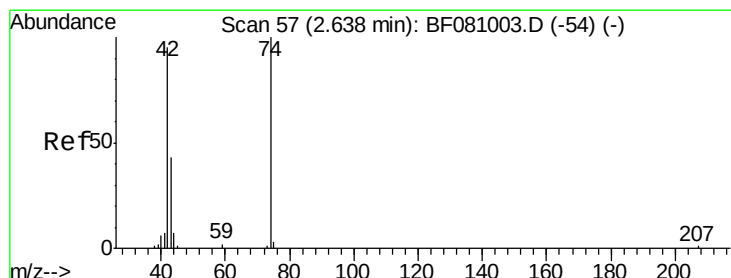
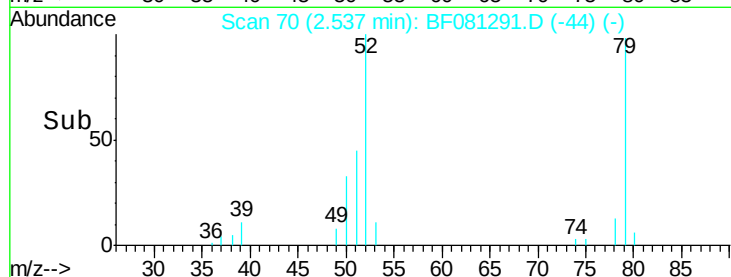
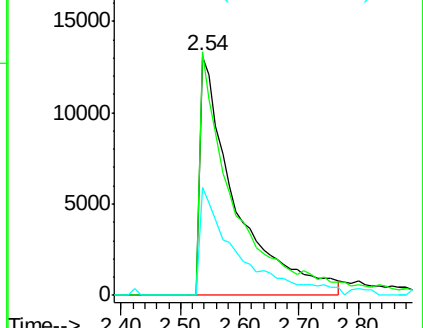
51 45.4 46.6 70.0#



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



#4

n-Nitrosodimethylamine

Concen: 17.00 ng

RT: 2.43 min Scan# 61

Delta R.T. -0.07 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

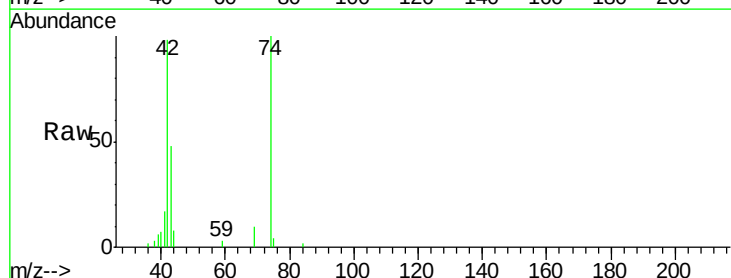
Tgt Ion: 42 Resp: 49398

Ion Ratio Lower Upper

42 100

74 101.5 69.3 103.9

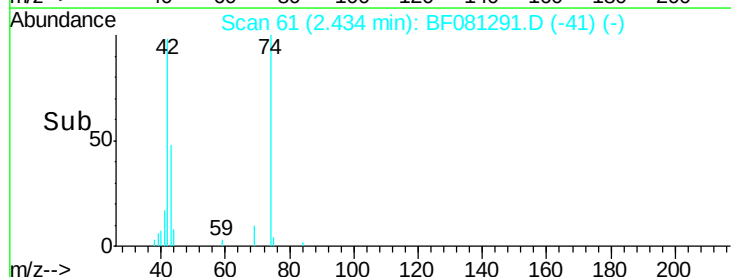
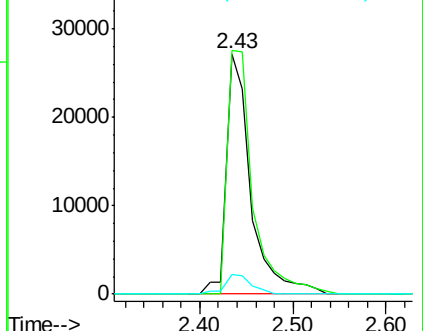
44 8.1 5.5 8.3

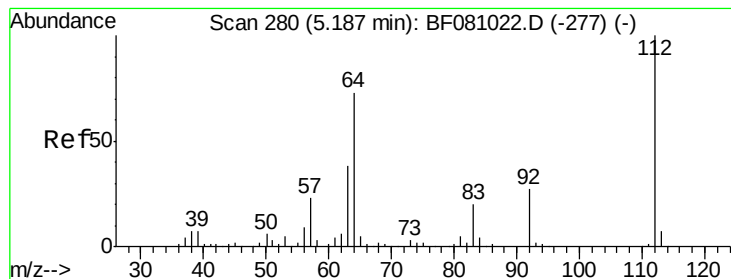


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

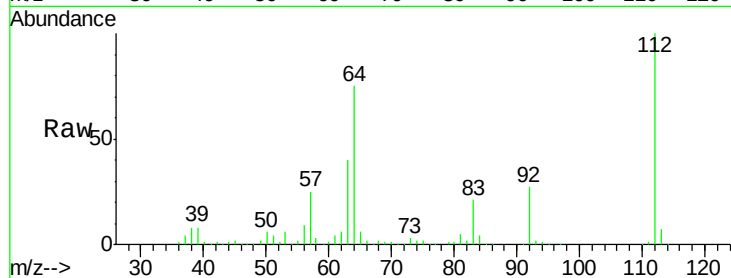




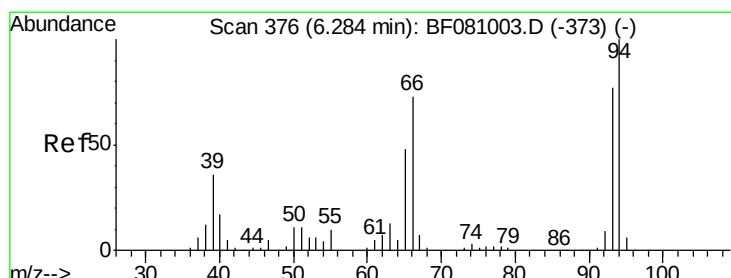
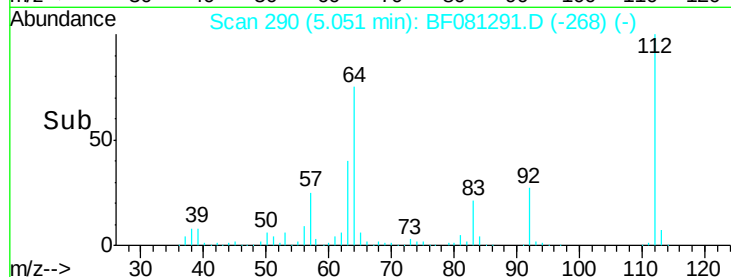
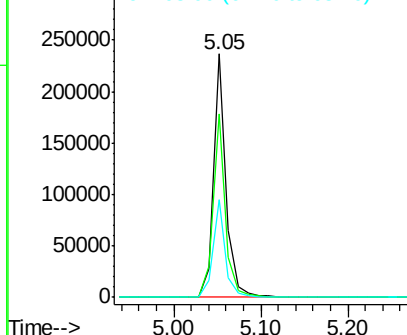
#5
 2-Fluorophenol
 Concen: 61.15 ng
 RT: 5.05 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 112 Resp: 240001
 Ion Ratio Lower Upper
 112 100
 64 75.4 66.9 100.3
 63 40.0 38.1 57.1

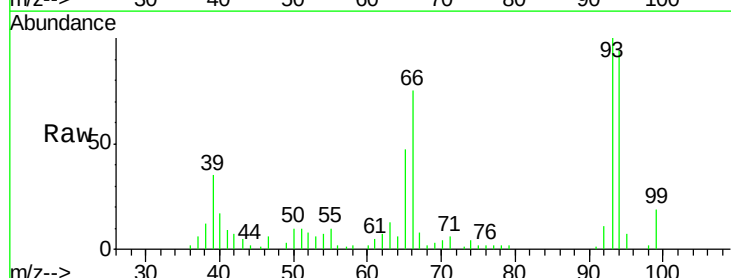


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

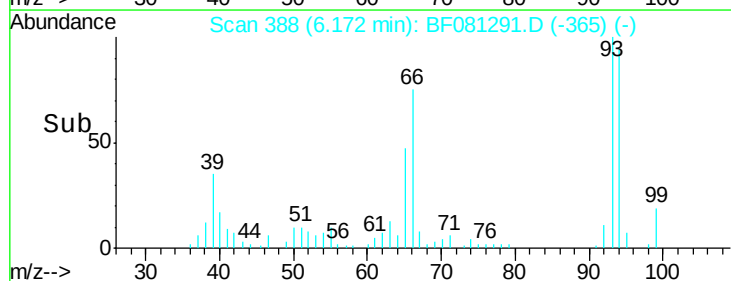
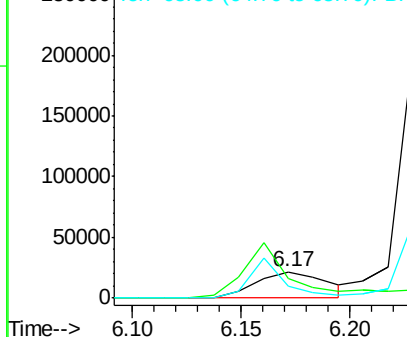


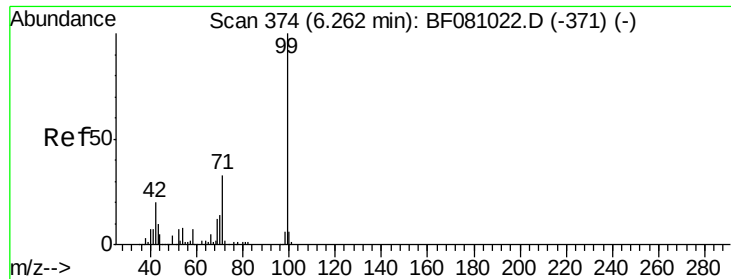
#6
 Aniline
 Concen: 6.61 ng
 RT: 6.17 min Scan# 388
 Delta R.T. -0.04 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion: 93 Resp: 49185
 Ion Ratio Lower Upper
 93 100
 66 75.1 35.6 53.4#
 65 47.0 18.7 28.1#



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: 42.09 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

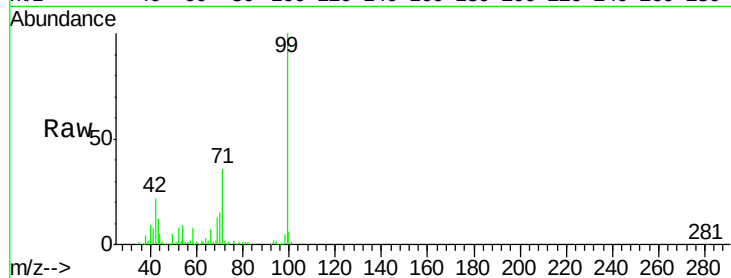
Tot Ion: 99 Resp: 215550

Ion Ratio Lower Upper

99 100

42 22.3 19.6 29.4

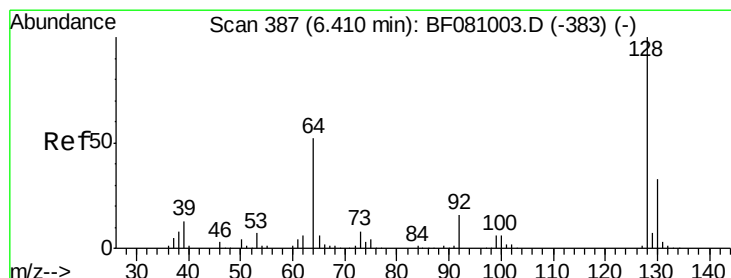
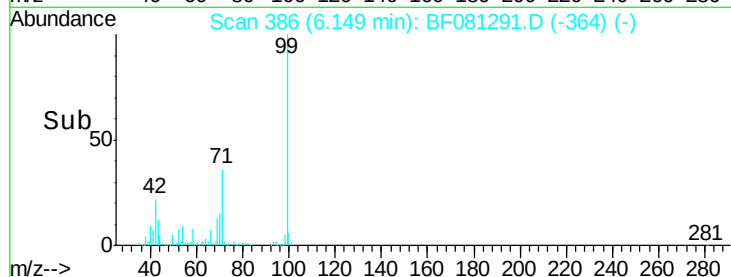
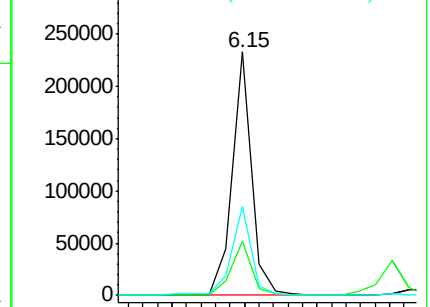
71 36.4 31.2 46.8



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: 32.57 ng

RT: 6.27 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

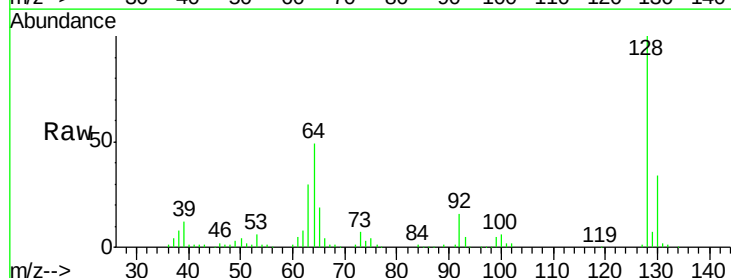
Tgt Ion: 128 Resp: 139920

Ion Ratio Lower Upper

128 100

130 34.0 12.5 52.5

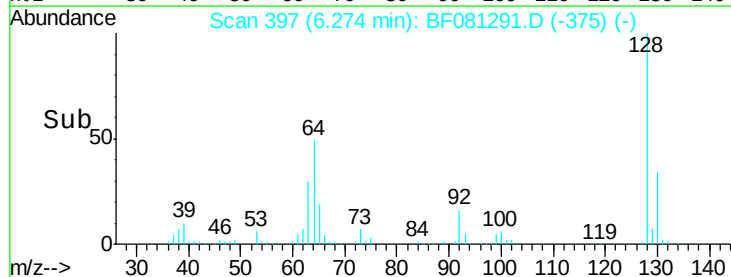
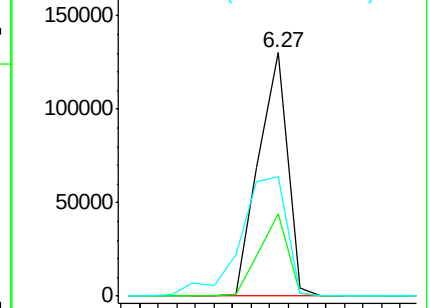
64 49.0 46.8 86.8

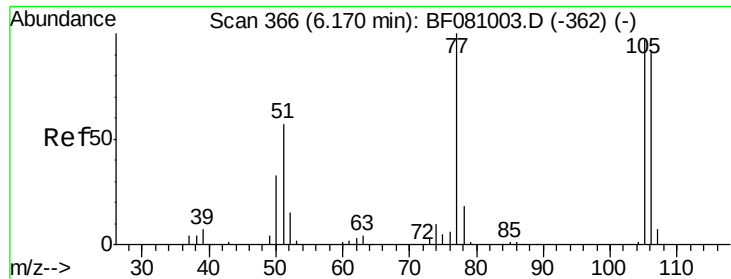


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.35 ng

RT: 6.02 min Scan# 375

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

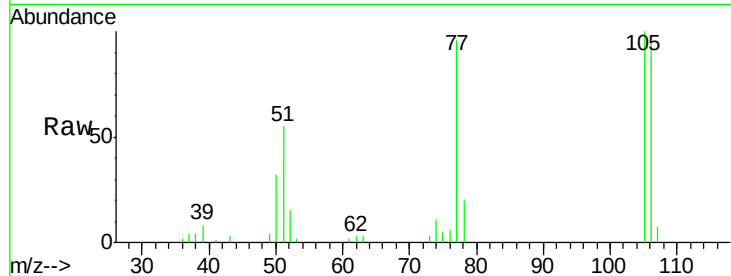
Tot Ion: 77 Resp: 24255

Ion Ratio Lower Upper

77 100

105 104.4 69.6 109.6

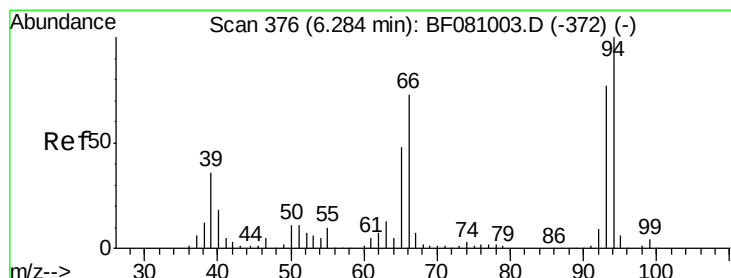
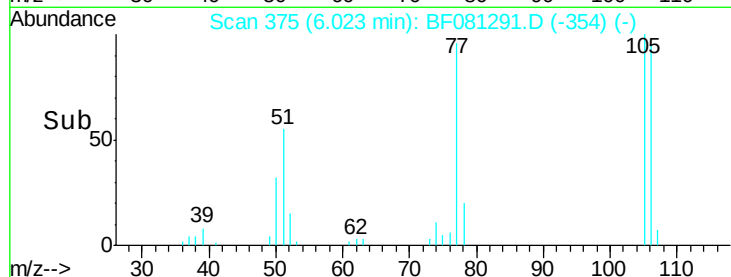
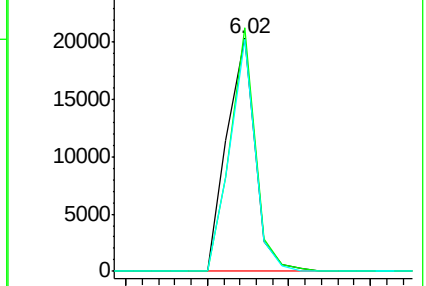
106 99.6 64.0 104.0



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: 14.65 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

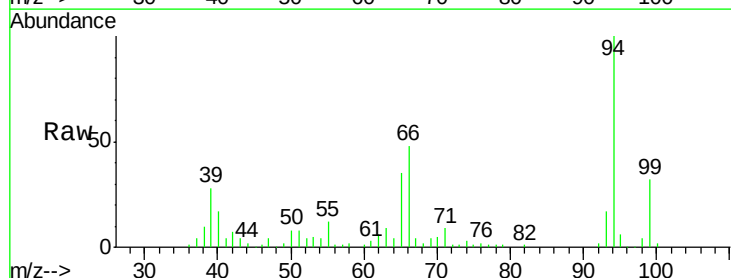
Tgt Ion: 94 Resp: 88586

Ion Ratio Lower Upper

94 100

65 35.4 28.4 68.4

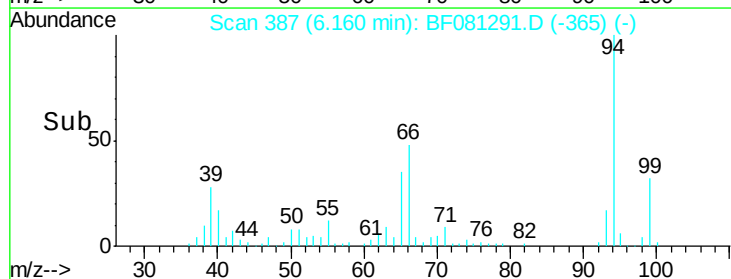
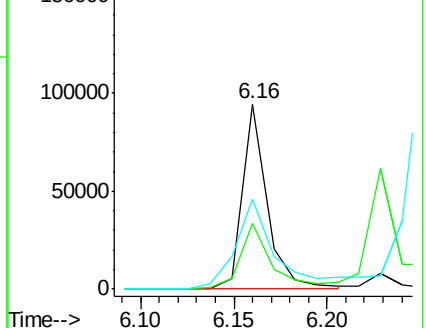
66 48.5 52.3 92.3#

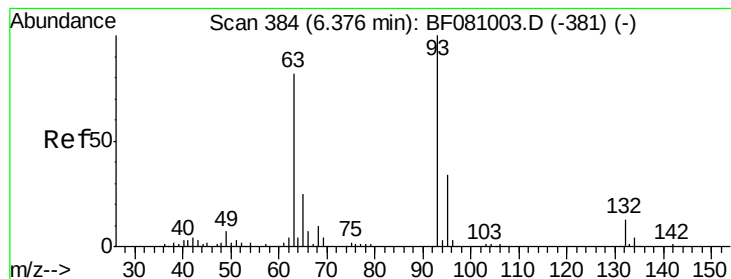


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

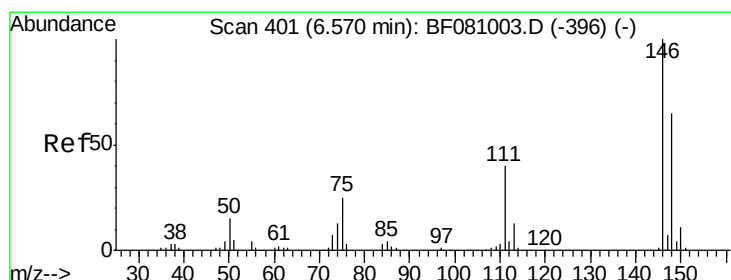
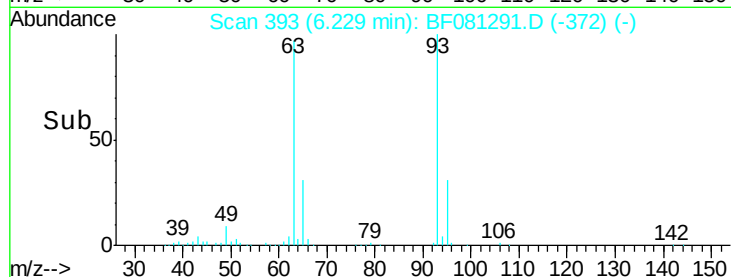
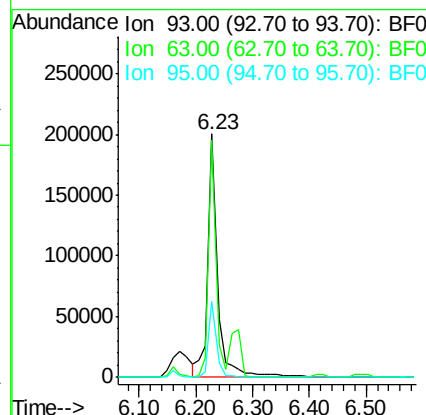
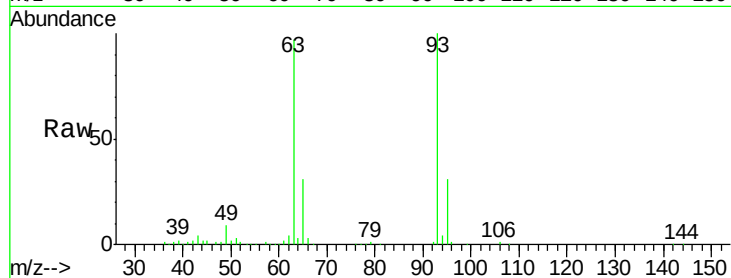




#11
bis(2-Chloroethyl)ether
Concen: 50.42 ng
RT: 6.23 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

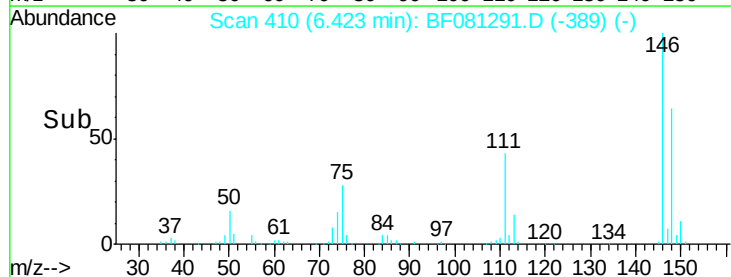
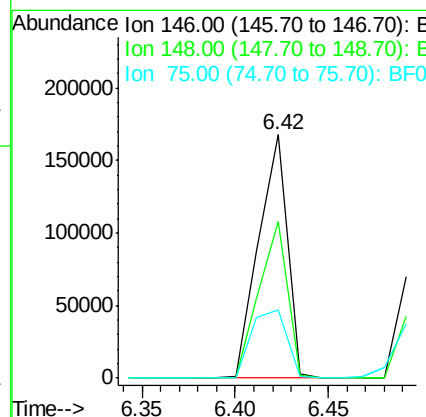
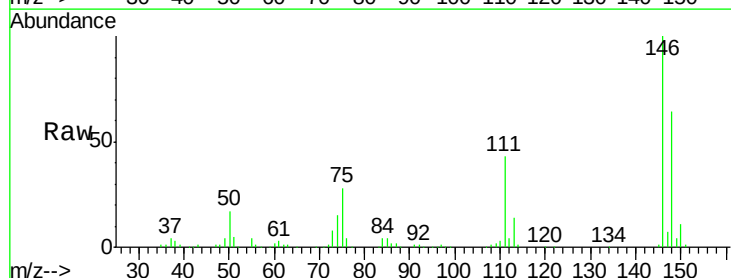
Instrument :
BNA_F
ClientSampleId :

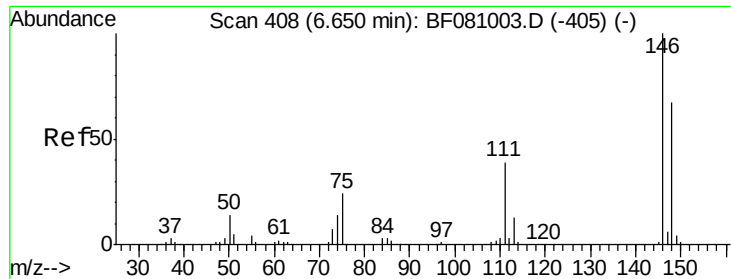
Tot Ion: 93 Resp: 234003
Ion Ratio Lower Upper
93 100
63 97.2 69.6 109.6
95 31.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.60 ng
RT: 6.42 min Scan# 410
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion: 146 Resp: 178192
Ion Ratio Lower Upper
146 100
148 64.2 53.3 79.9
75 28.1 25.0 37.6

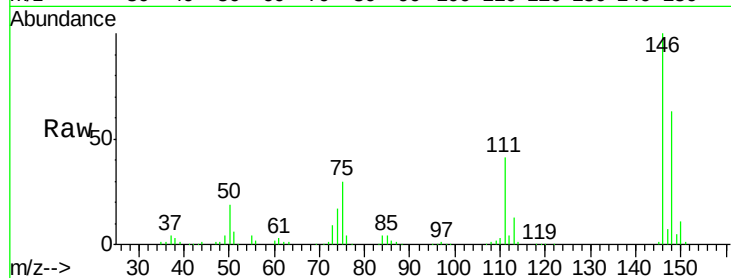




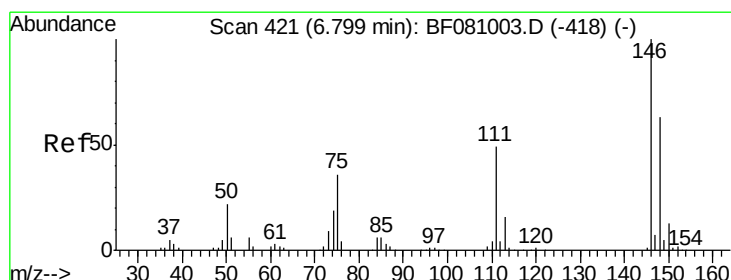
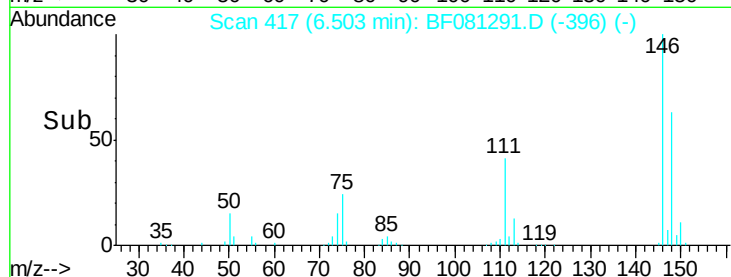
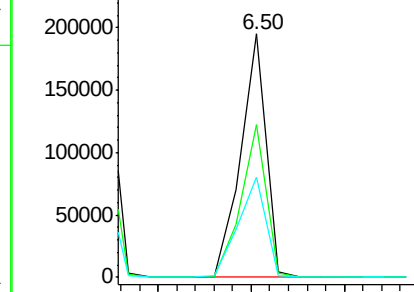
#13
 1,4-Dichlorobenzene
 Concen: 40.56 ng
 RT: 6.50 min Scan# 417
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 185400
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.3 78.5
 111 41.2 34.4 51.6

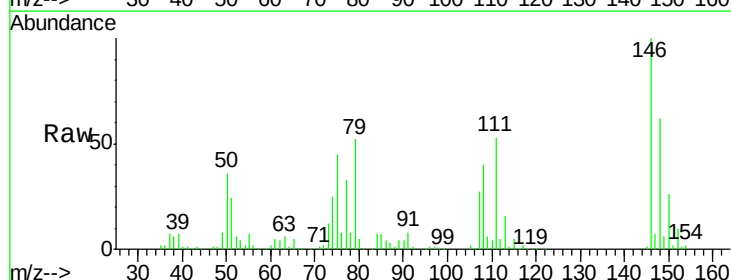


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

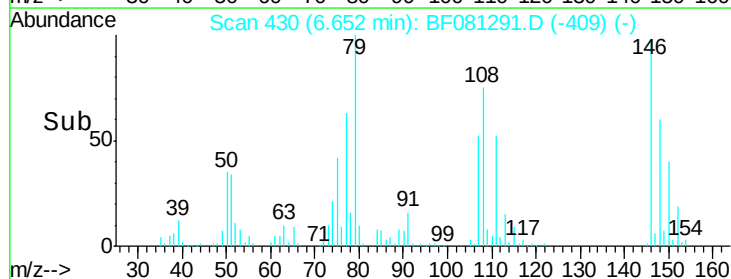
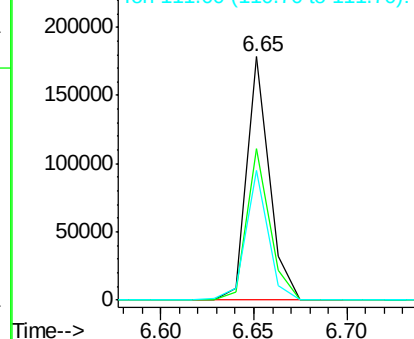


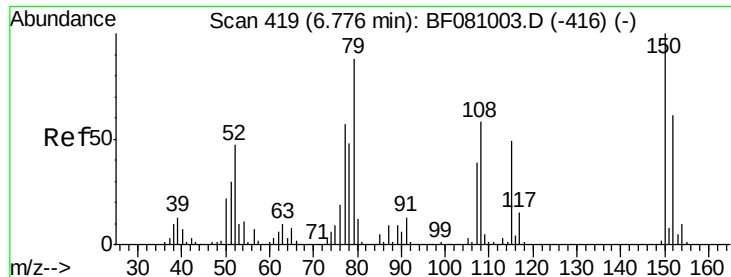
#14
 1,2-Dichlorobenzene
 Concen: 35.25 ng
 RT: 6.65 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:146 Resp: 150819
 Ion Ratio Lower Upper
 146 100
 148 62.2 48.7 73.1
 111 53.4 42.3 63.5



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

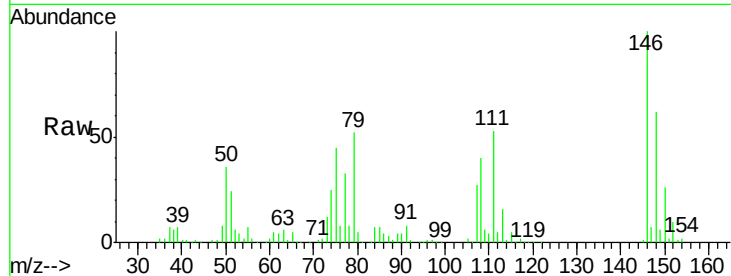




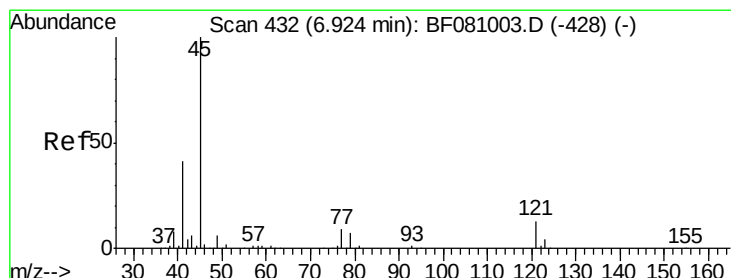
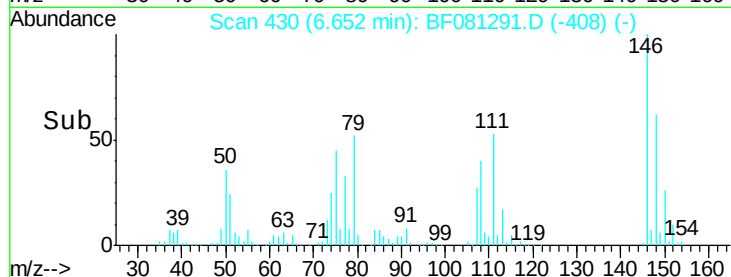
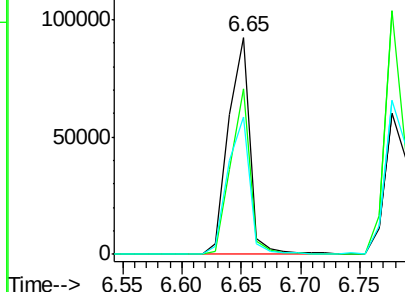
#15
Benzyl Alcohol
Concen: 27.97 ng
RT: 6.65 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 115892
Ion Ratio Lower Upper
79 100
108 76.3 49.4 74.2#
77 63.1 51.4 77.0

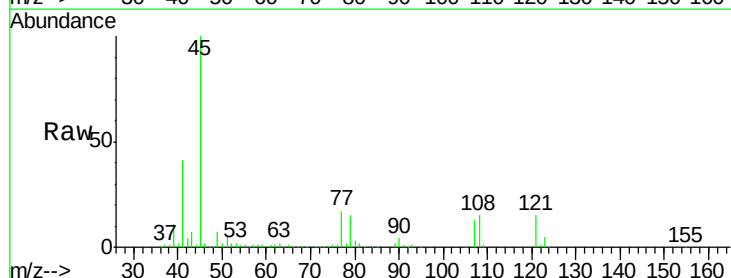


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

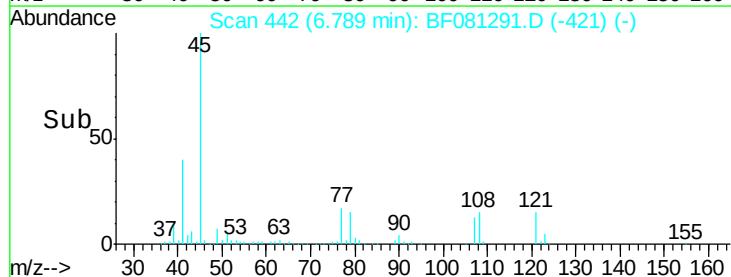
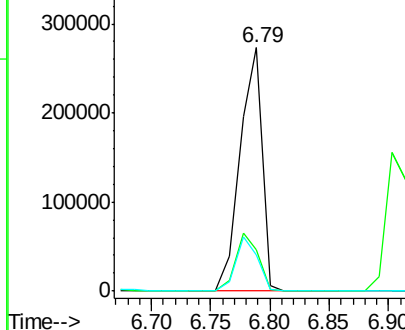


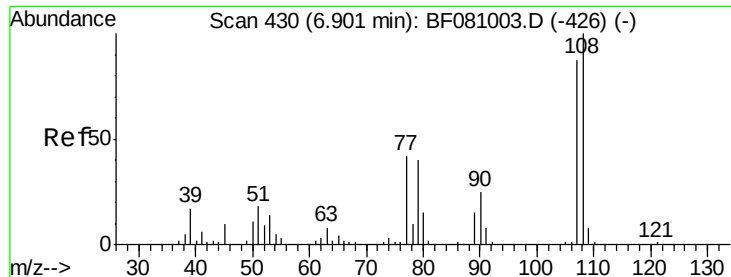
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.92 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion: 45 Resp: 354917
Ion Ratio Lower Upper
45 100
77 16.9 0.0 30.2
79 14.8 0.0 28.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 27.30 ng

RT: 6.78 min Scan# 441

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 100615

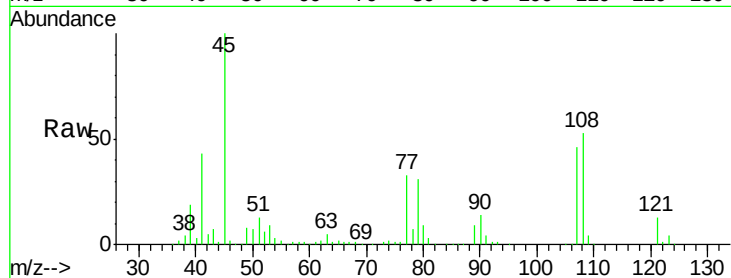
Ion Ratio Lower Upper

107 100

108 114.7 90.4 135.6

77 72.4 46.5 69.7#

79 66.8 46.3 69.5

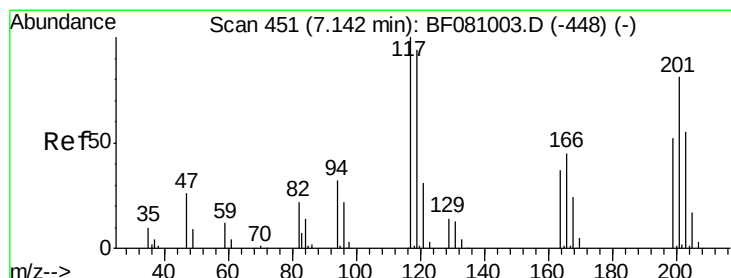
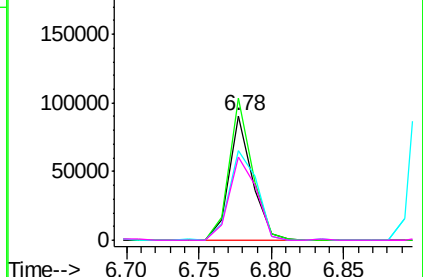
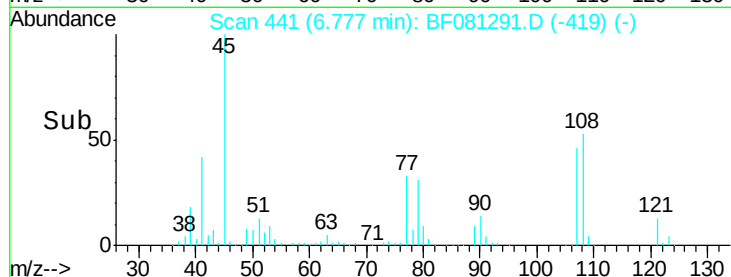


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 39.53 ng

RT: 6.99 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

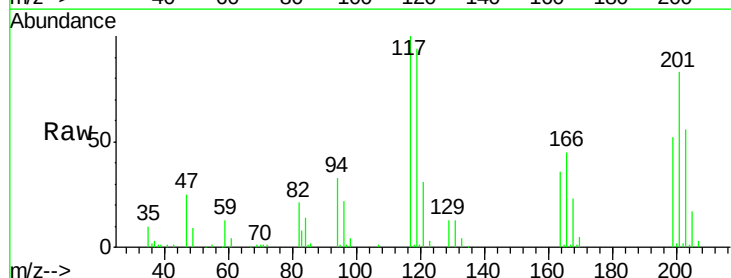
Tgt Ion:117 Resp: 73004

Ion Ratio Lower Upper

117 100

119 94.3 77.9 116.9

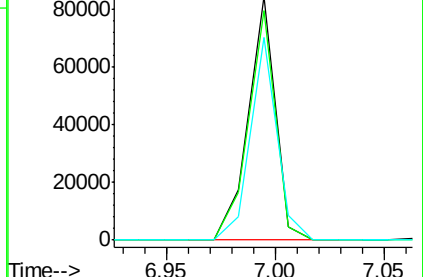
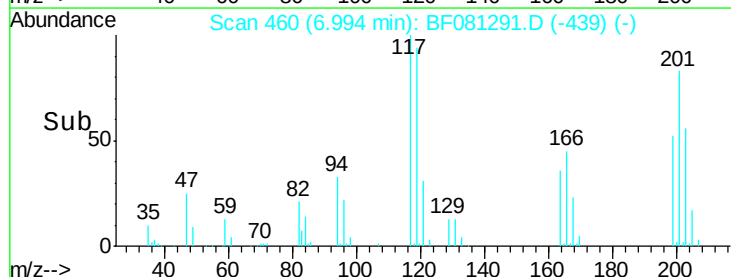
201 83.1 61.3 91.9

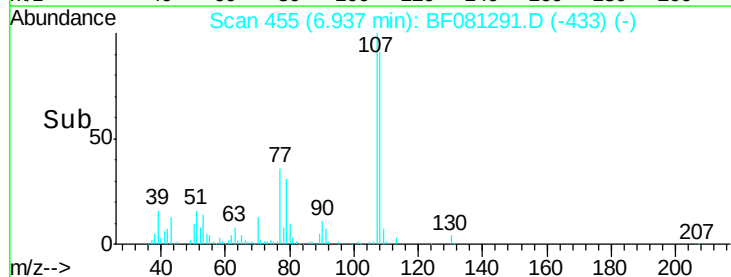
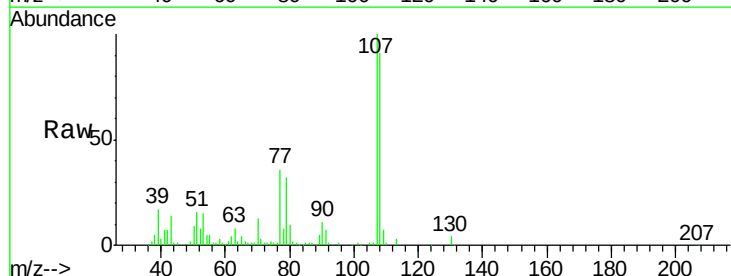
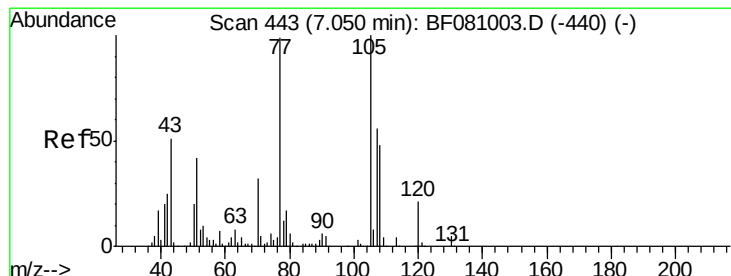
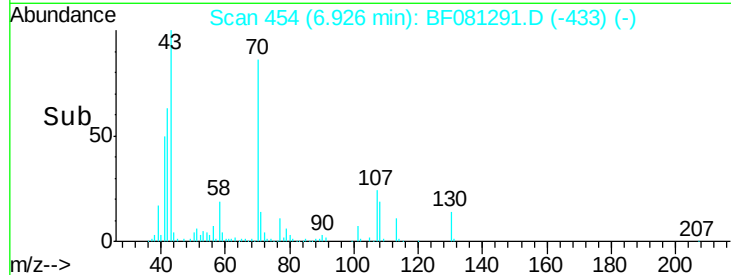
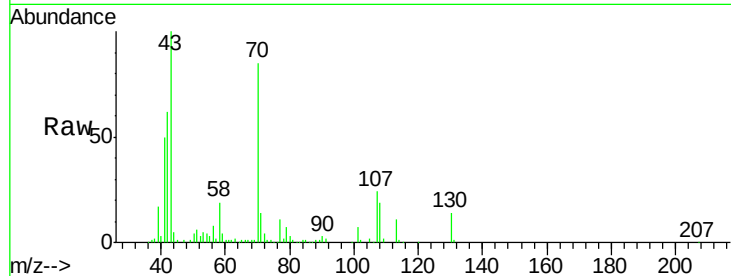
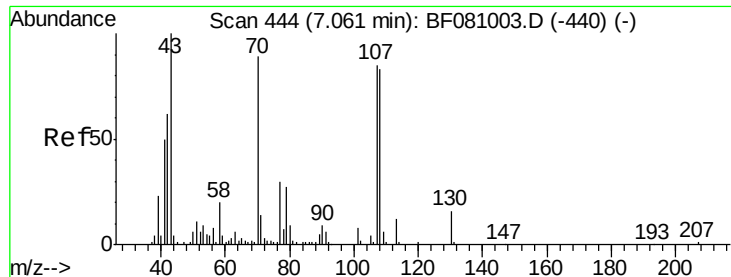


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

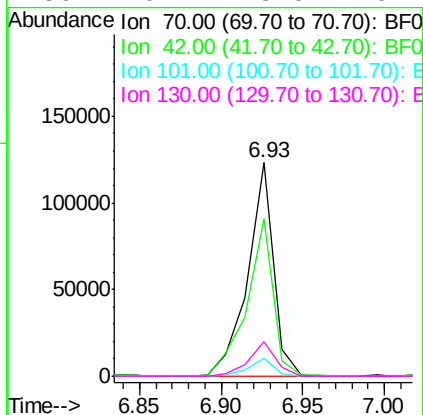




#19
n-Nitroso-di-n-propylamine
Concen: 38.24 ng
RT: 6.93 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

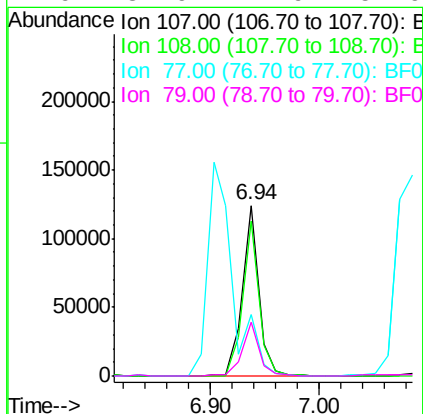
Instrument :
BNA_F
ClientSampleId :

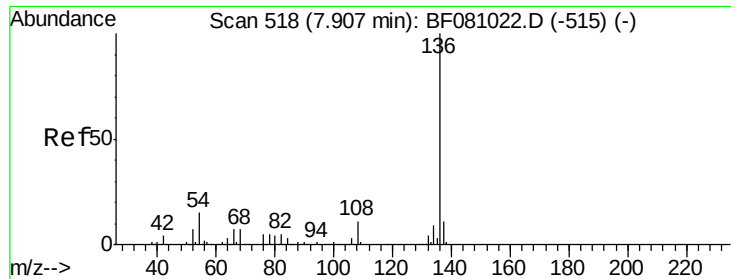
Tot Ion:	70	Resp:	135641
Ion	Ratio	Lower	Upper
70	100		
42	73.6	65.0	97.4
101	8.2	7.4	11.2
130	16.1	13.0	19.4



#20
3+4-Methylphenols
Concen: 27.84 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:	107	Resp:	130241
Ion	Ratio	Lower	Upper
107	100		
108	90.8	66.1	106.1
77	36.3	139.3	179.3#
79	31.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081291.D

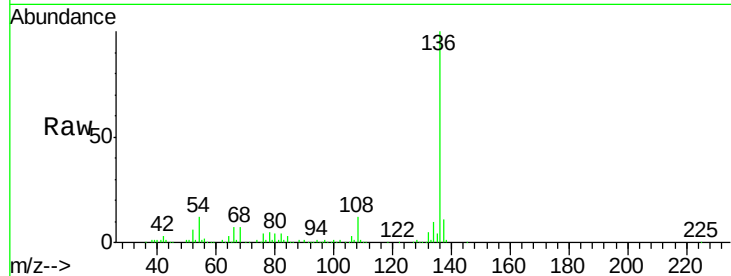
Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	230419
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.2
54	12.3	7.7 11.5#
68	6.6	3.4 5.2#

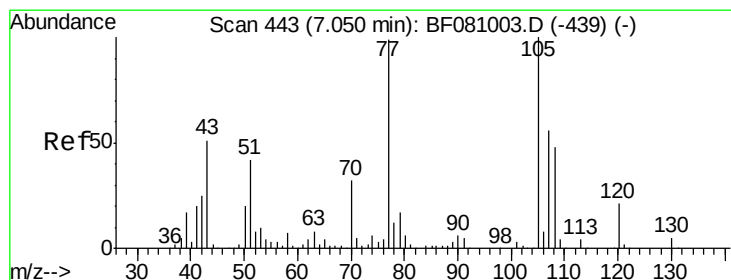
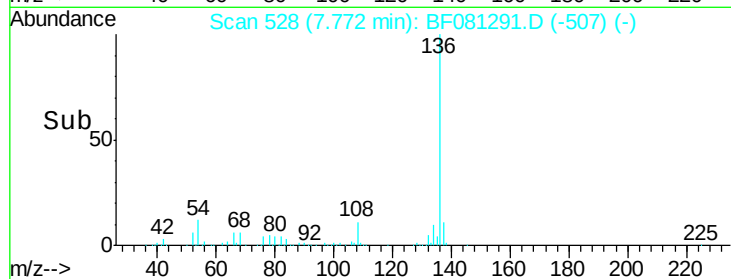
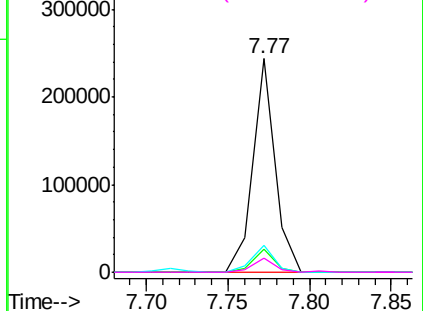


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.57 ng

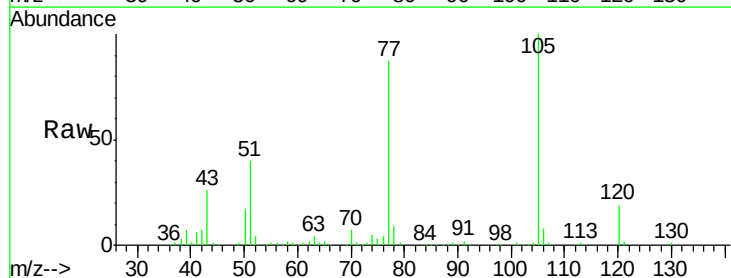
RT: 6.90 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:105	Resp:	257512
Ion Ratio	Lower	Upper
105	100	
71	1.3	3.0 4.6#
51	39.7	39.8 59.8#
120	19.4	15.8 23.8

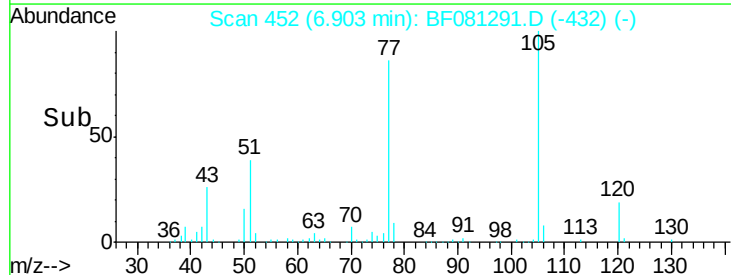
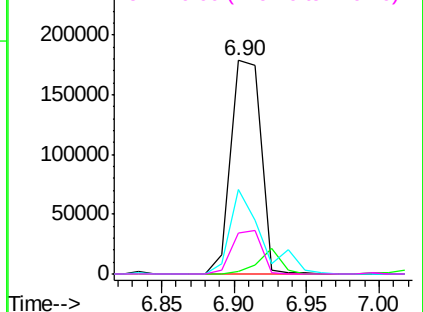


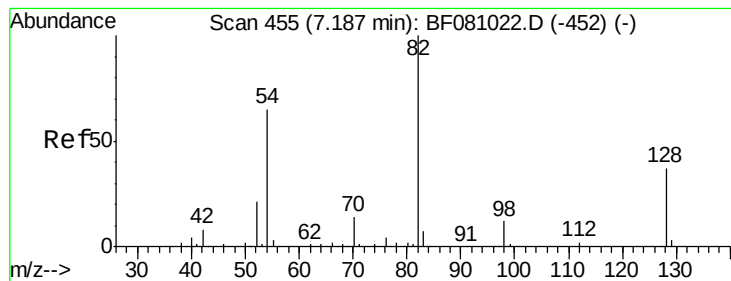
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.17 ng

RT: 7.06 min Scan# 466

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

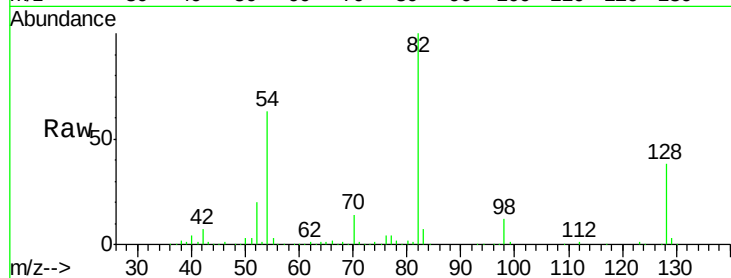
Tot Ion: 82 Resp: 404379

Ion Ratio Lower Upper

82 100

128 38.3 28.6 42.8

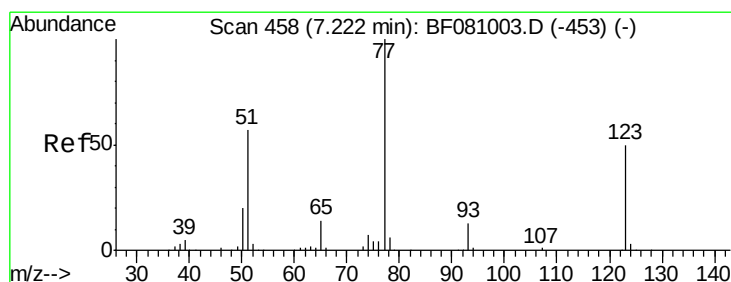
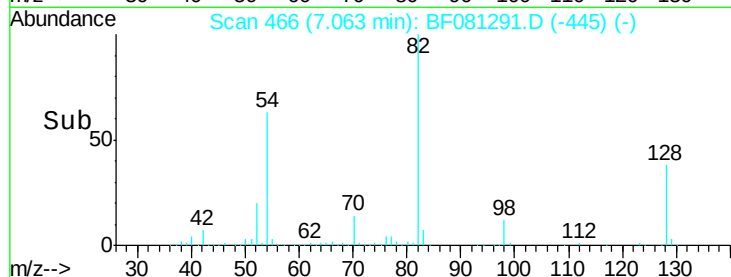
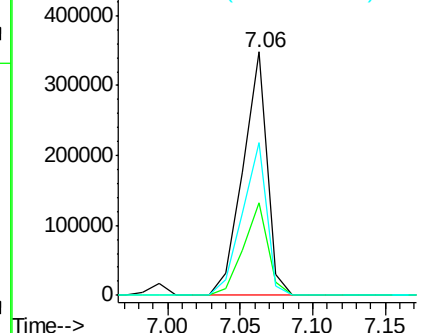
54 62.9 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.63 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

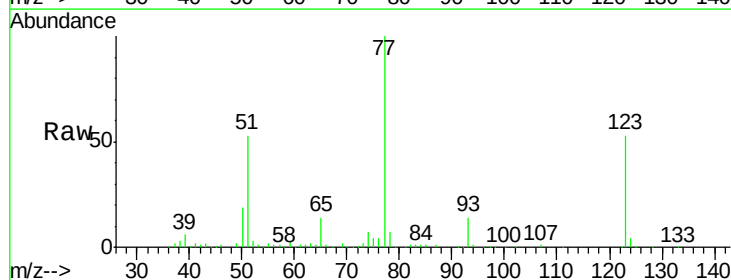
Tgt Ion: 77 Resp: 203749

Ion Ratio Lower Upper

77 100

123 53.3 32.9 49.3#

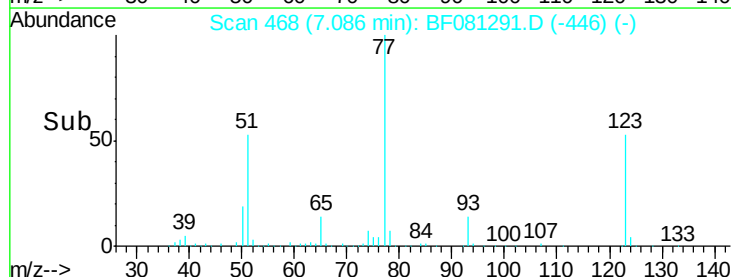
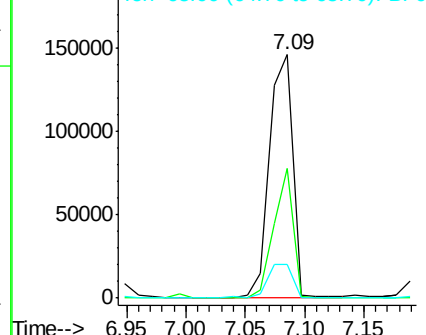
65 14.0 12.5 18.7

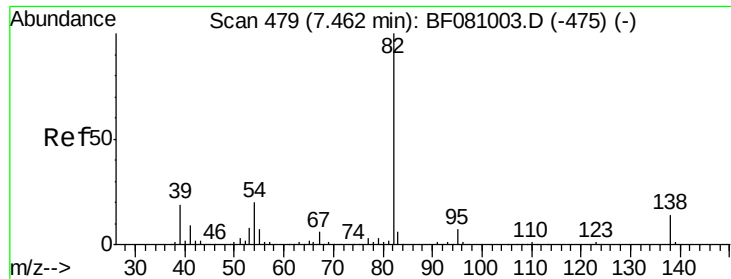


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.06 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampled :

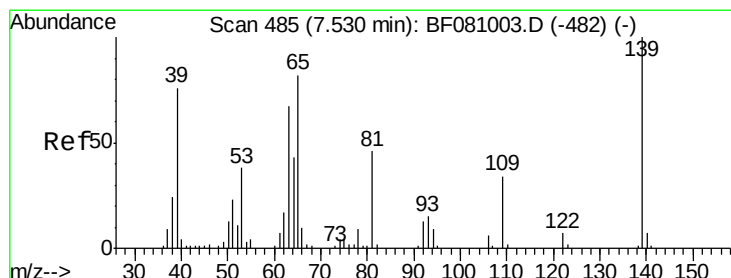
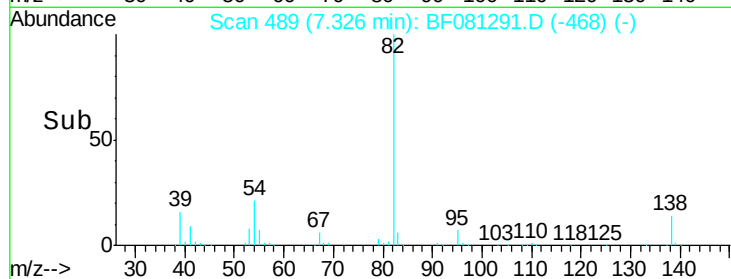
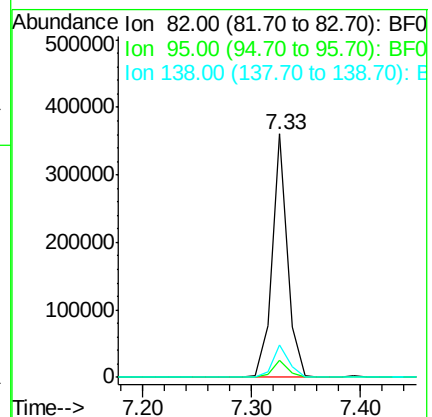
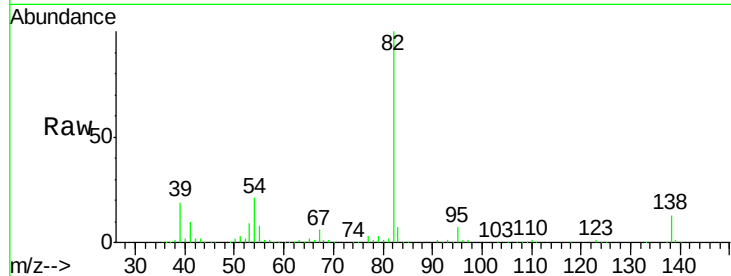
Tot Ion: 82 Resp: 358043

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 13.5 10.5 15.7



#26

2-Nitrophenol

Concen: 36.24 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

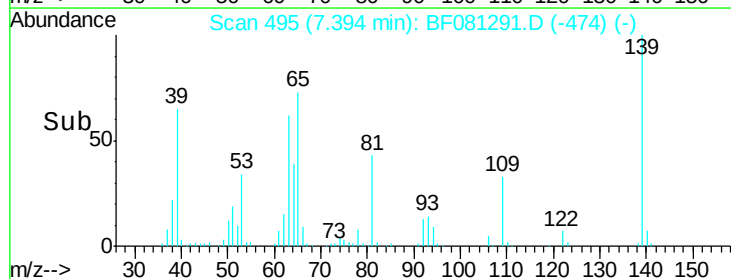
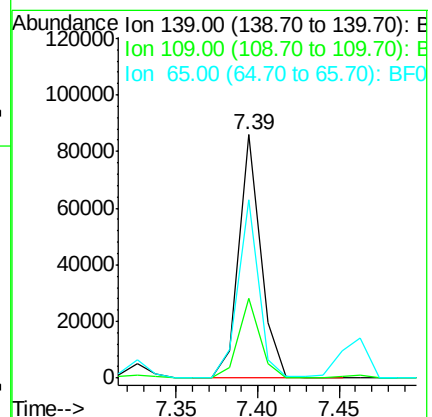
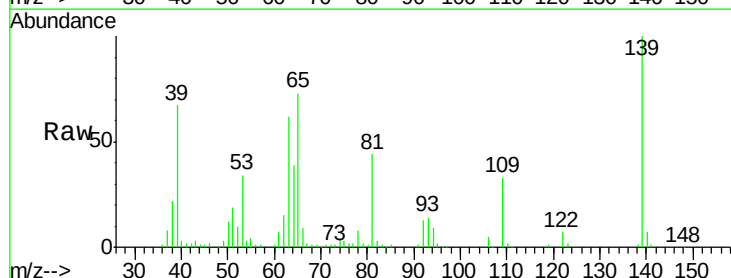
Tgt Ion: 139 Resp: 79476

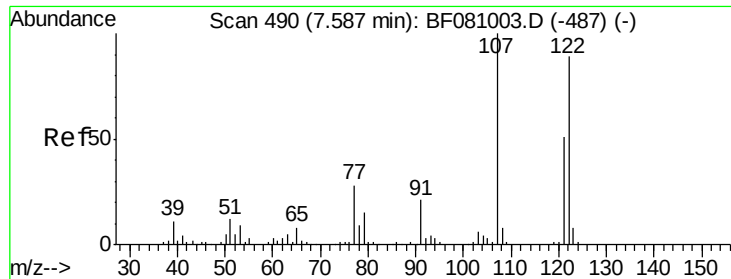
Ion Ratio Lower Upper

139 100

109 33.0 32.1 48.1

65 73.4 69.9 104.9

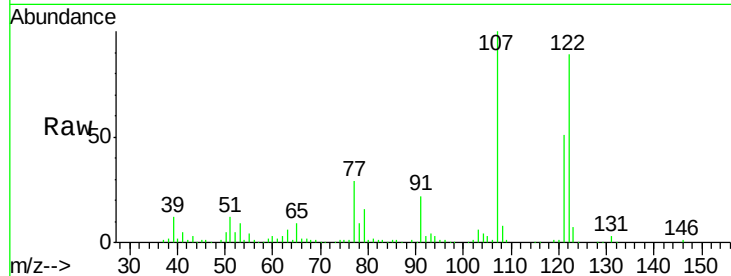




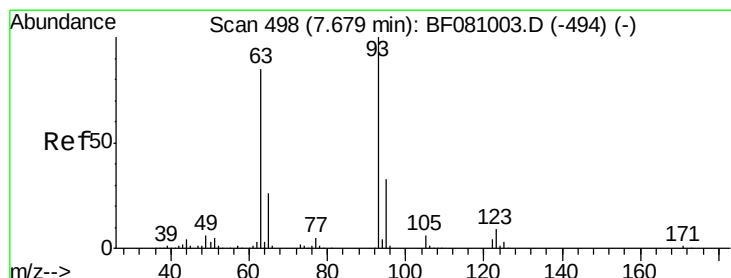
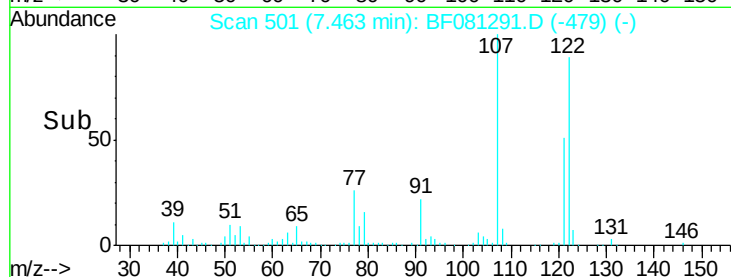
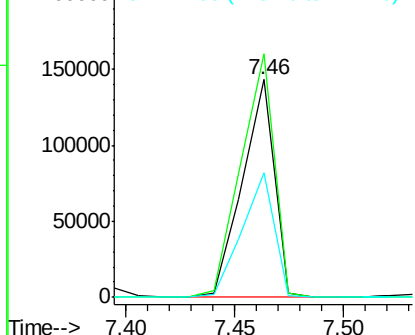
#27
 2,4-Dimethylphenol
 Concen: 37.82 ng
 RT: 7.46 min Scan# 501
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 146744
 Ion Ratio Lower Upper
 122 100
 107 111.9 103.8 155.6
 121 57.3 47.0 70.4

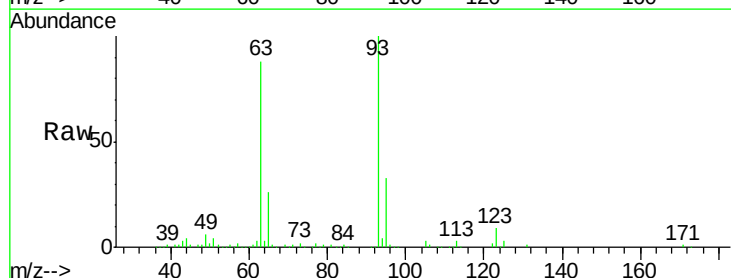


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

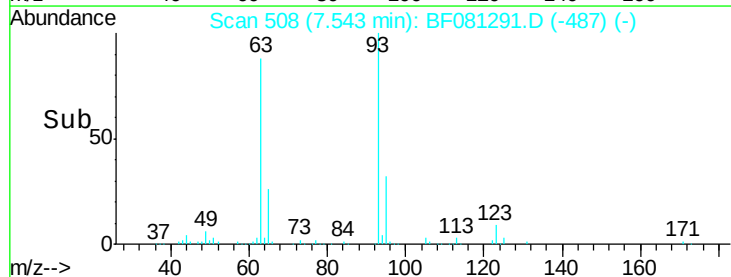
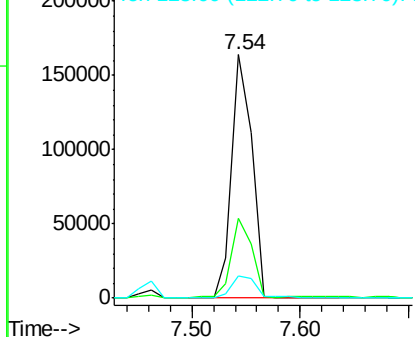


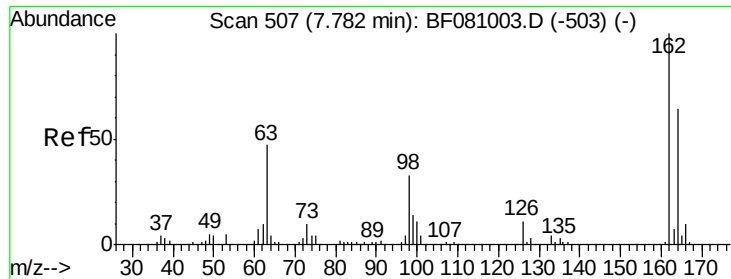
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.73 ng
 RT: 7.54 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion: 93 Resp: 209652
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.8
 123 8.9 7.4 11.0



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

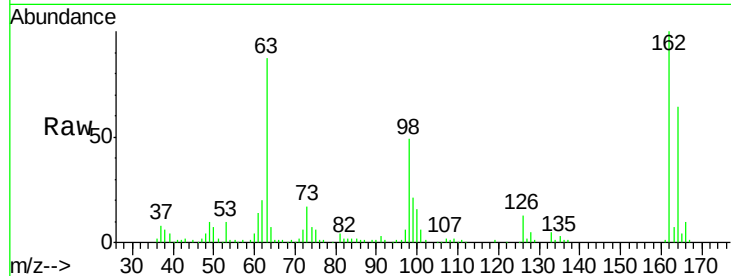




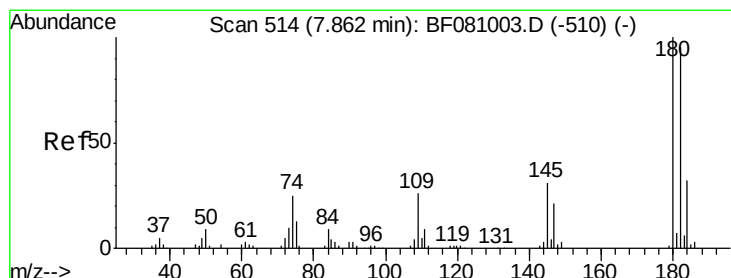
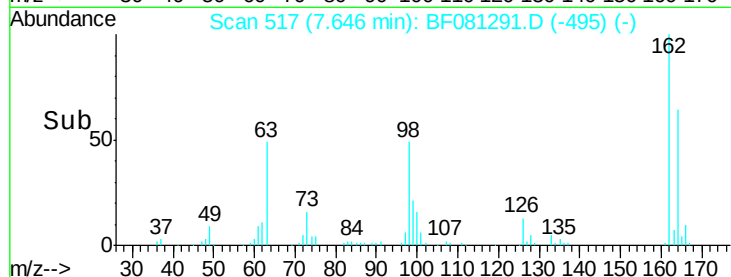
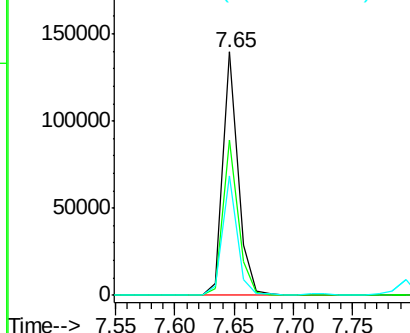
#29
2,4-Dichlorophenol
Concen: 37.61 ng
RT: 7.65 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
162	100	122848		
164	63.6	43.2	83.2	
98	49.1	12.3	52.3	

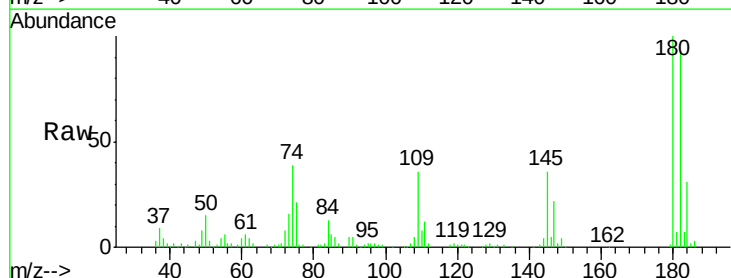


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

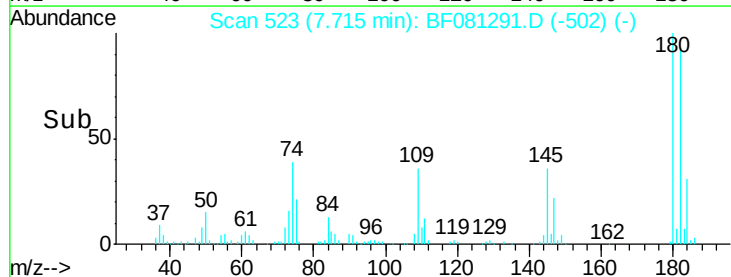
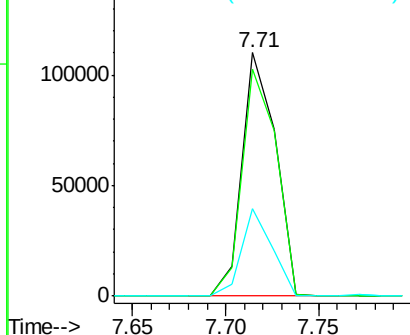


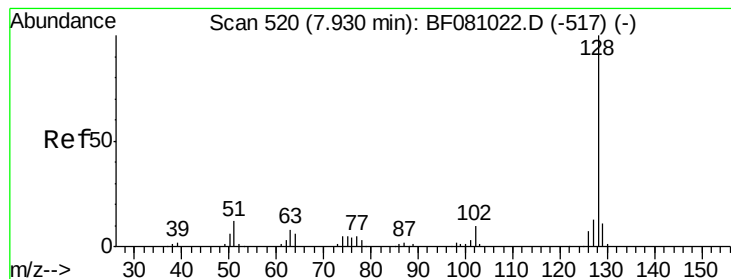
#30
1,2,4-Trichlorobenzene
Concen: 37.81 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137290		
182	93.3	76.4	114.6	
145	36.0	25.4	38.2	



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





#31

Naphthalene

Concen: 37.37 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

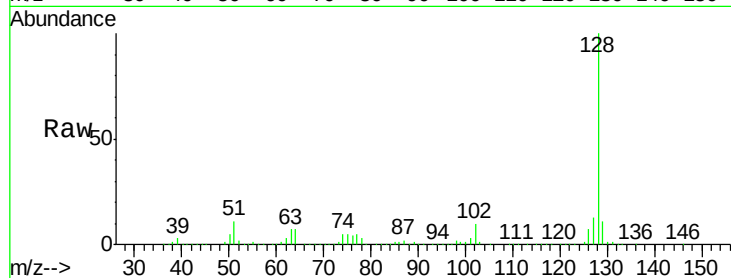
Tot Ion:128 Resp: 479939

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

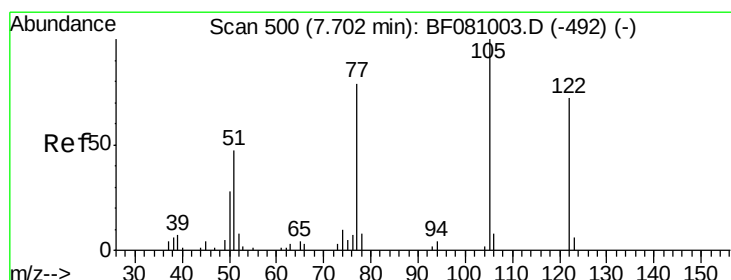
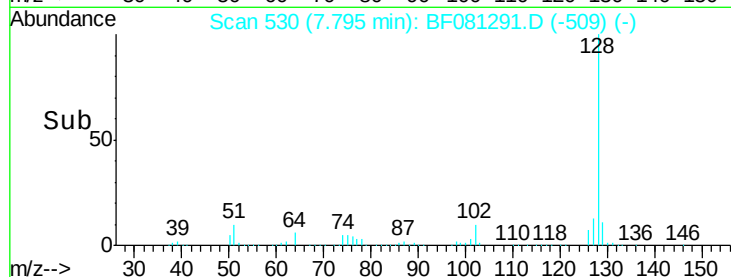
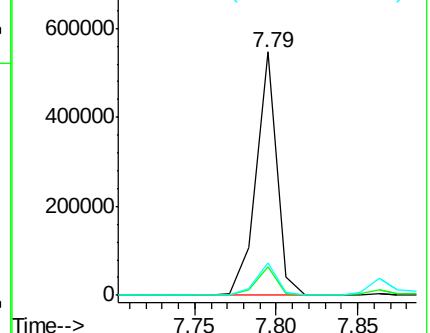
127 13.4 10.6 16.0



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: 17.43 ng

RT: 7.59 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

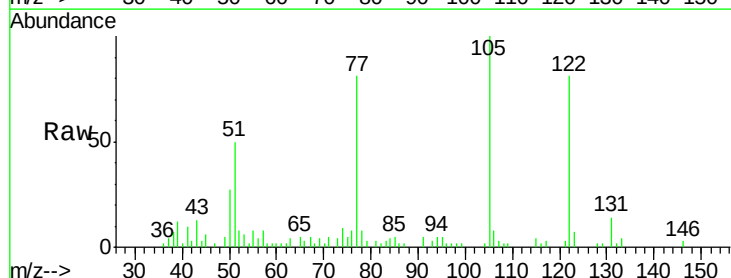
Tgt Ion:122 Resp: 38032

Ion Ratio Lower Upper

122 100

105 123.7 113.8 153.8

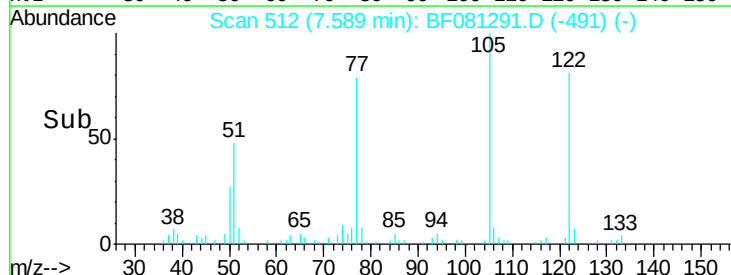
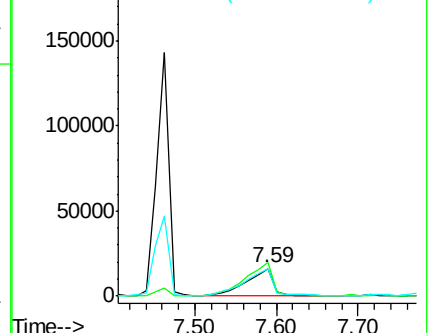
77 100.4 93.8 133.8

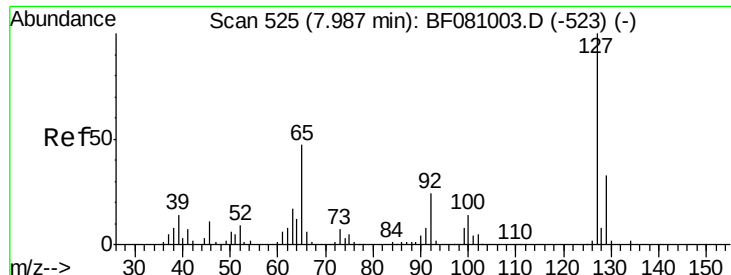


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

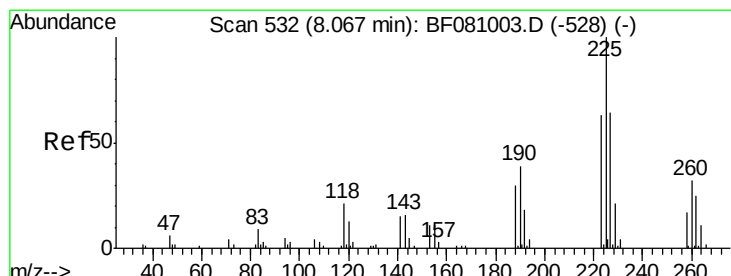
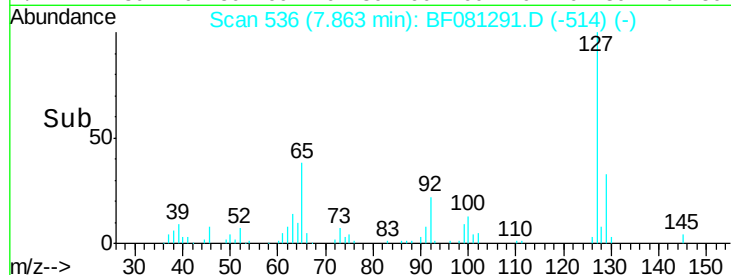
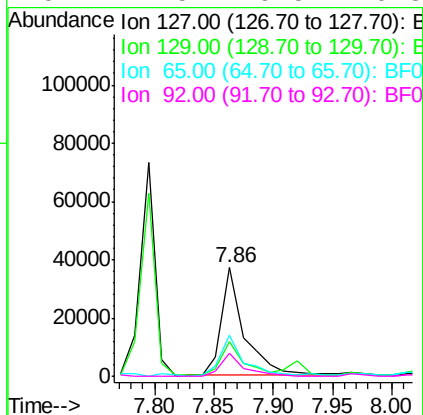
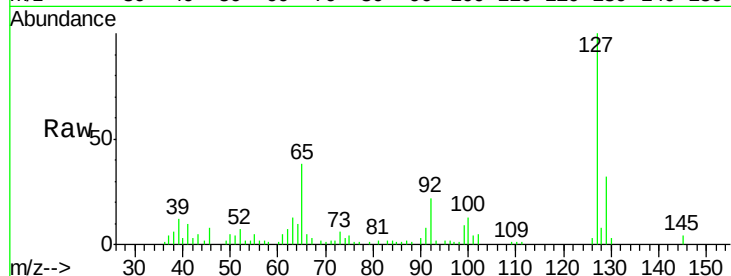




#33
4-Chloroaniline
Concen: 9.23 ng
RT: 7.86 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

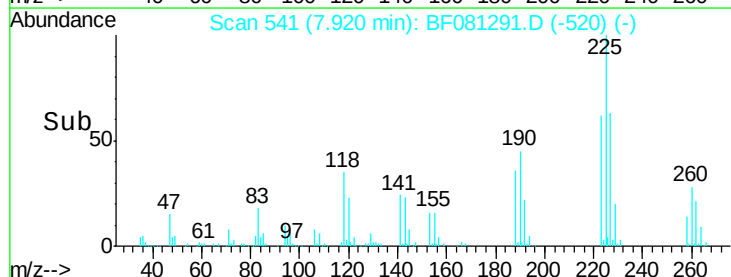
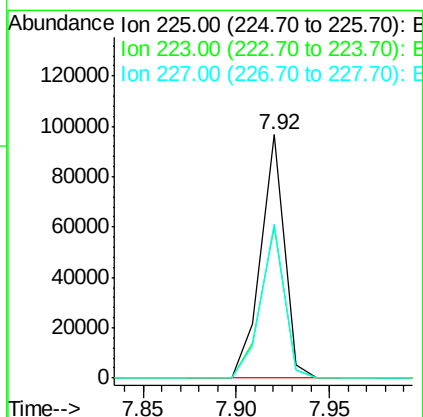
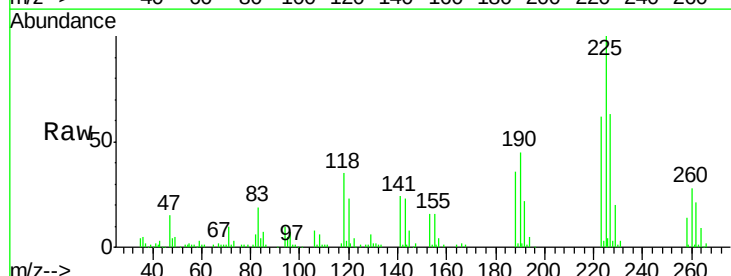
Instrument :
BNA_F
ClientSampleId :

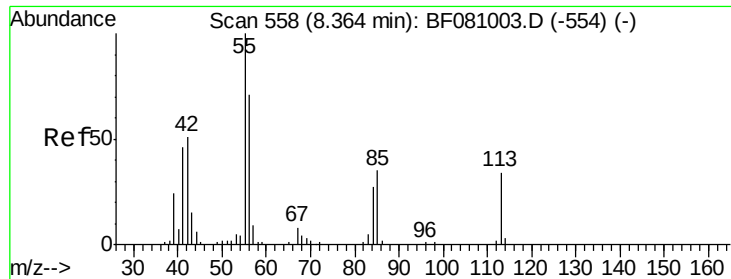
Tot Ion:127	Resp:	50043
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.2 37.8
65	37.6	37.8 56.6#
92	21.5	19.5 29.3



#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 7.92 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:225	Resp:	84768
Ion Ratio	Lower	Upper
225	100	
223	62.0	52.6 79.0
227	63.1	51.1 76.7

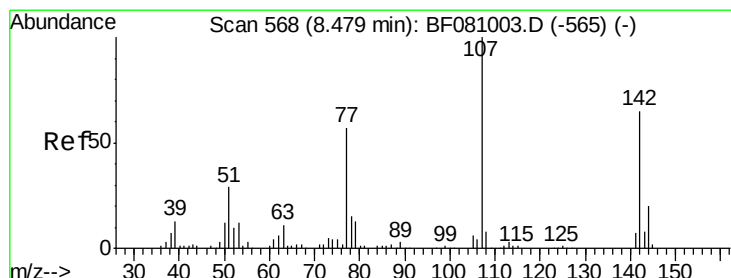
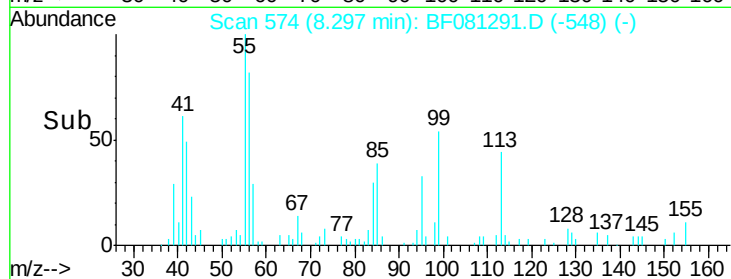
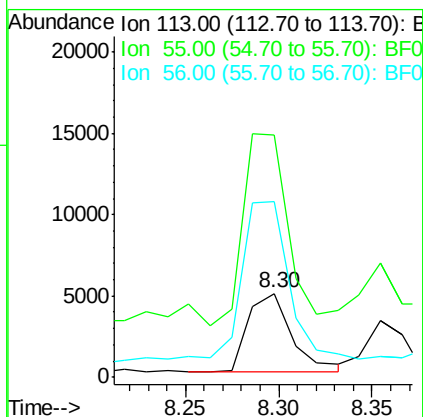
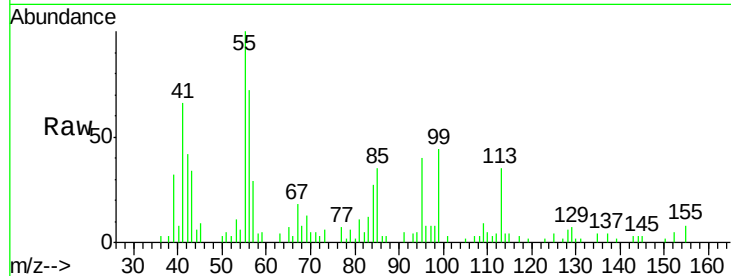




#35
 Caprolactam
 Concen: 6.97 ng
 RT: 8.30 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

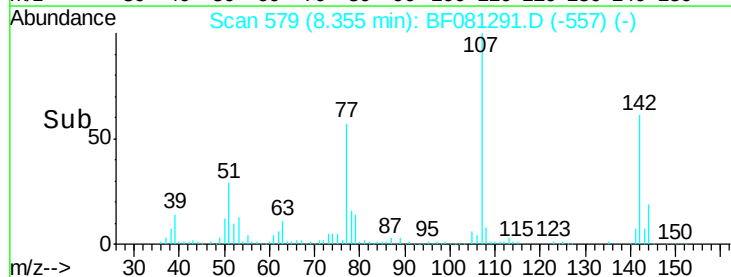
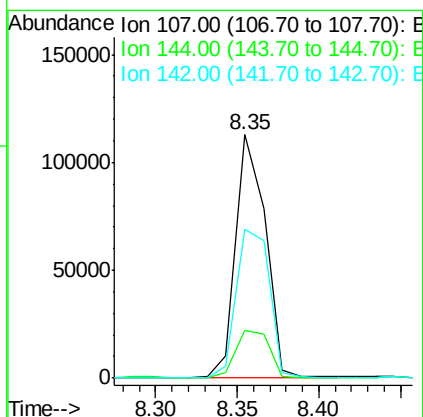
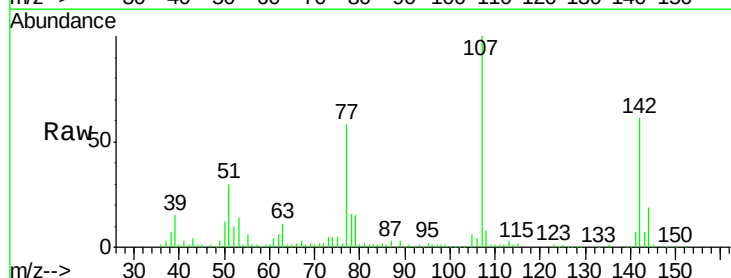
Instrument :
 BNA_F
 ClientSampleId :

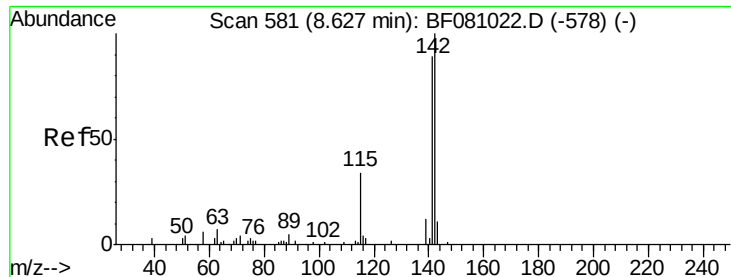
Tot Ion:113 Resp: 7961
 Ion Ratio Lower Upper
 113 100
 55 288.1 280.4 320.4
 56 208.1 205.9 245.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.66 ng
 RT: 8.35 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:107 Resp: 142737
 Ion Ratio Lower Upper
 107 100
 144 19.4 17.2 25.8
 142 61.0 54.9 82.3

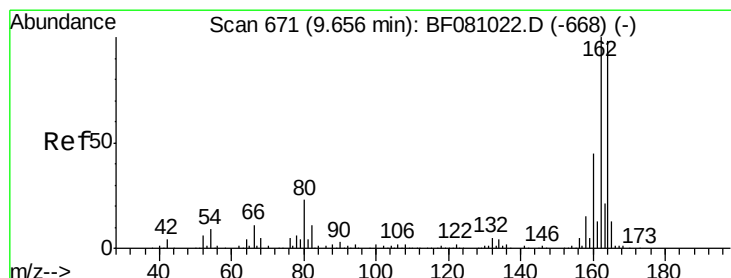
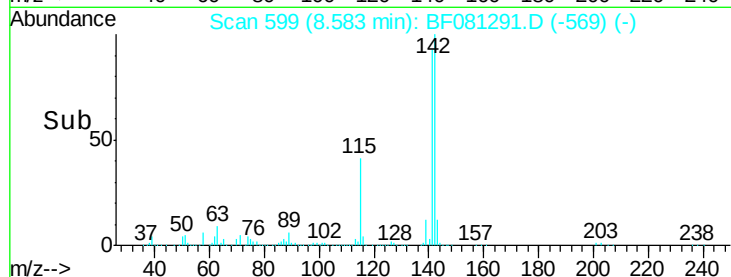
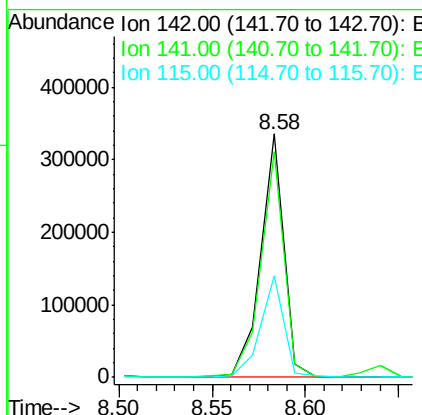
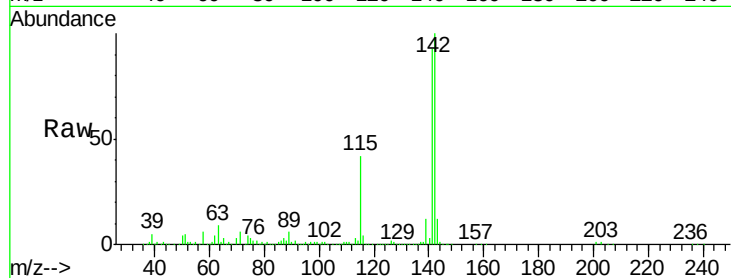




#37
 2-Methylnaphthalene
 Concen: 36.12 ng
 RT: 8.58 min Scan# 599
 Delta R.T. 0.04 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

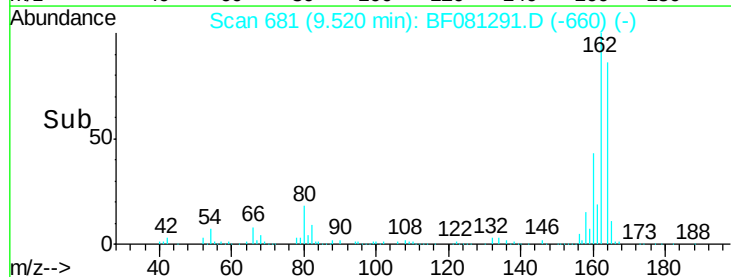
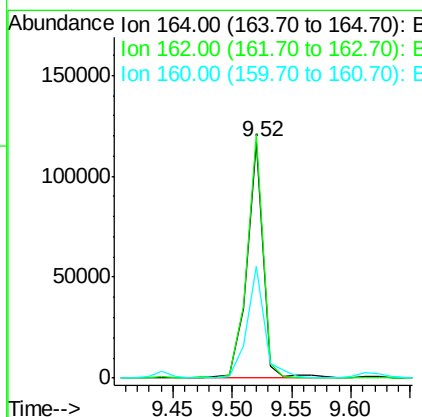
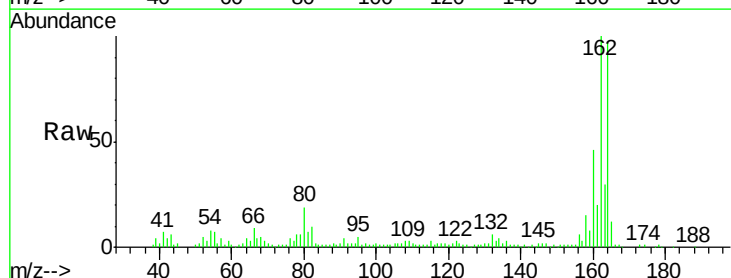
Instrument :
 BNA_F
 ClientSampleId :

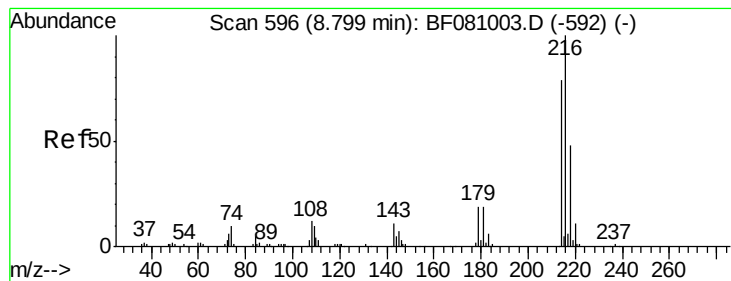
Tot Ion:142 Resp: 293053
 Ion Ratio Lower Upper
 142 100
 141 92.7 71.4 107.2
 115 41.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 681
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:164 Resp: 110773
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.8 125.8
 160 47.5 39.8 59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.85 ng

RT: 8.65 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 120966

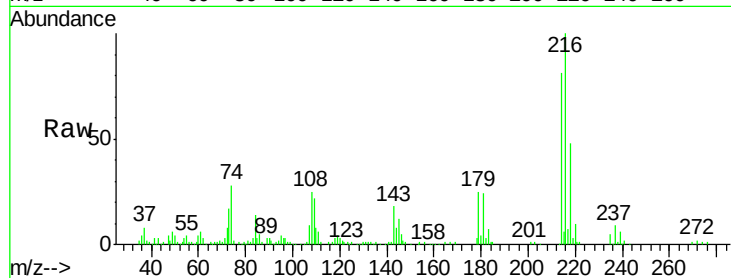
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.8

179 24.1 17.8 26.8

108 27.9 16.2 24.2#

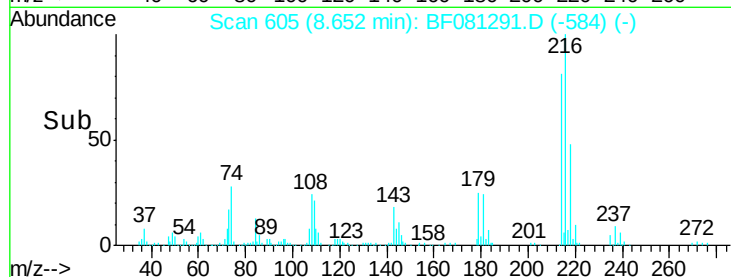


Abundance Ion 216.00 (215.70 to 216.70): E

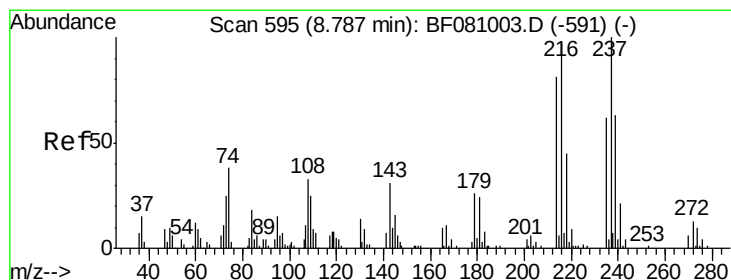
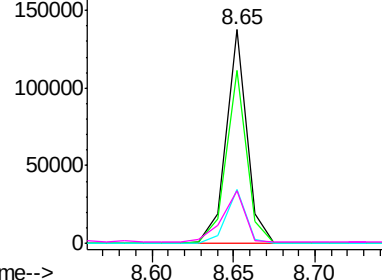
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 54.20 ng

RT: 8.64 min Scan# 604

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

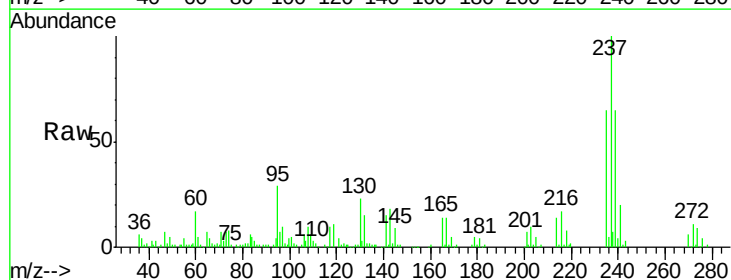
Tgt Ion:237 Resp: 100263

Ion Ratio Lower Upper

237 100

235 65.0 43.6 83.6

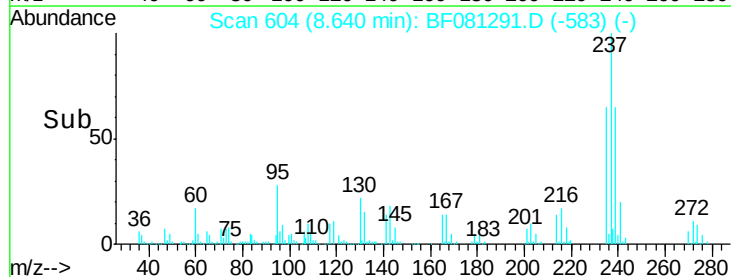
272 11.2 0.0 32.2



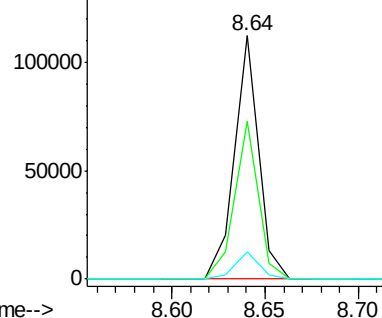
Abundance Ion 236.80 (236.50 to 237.50): E

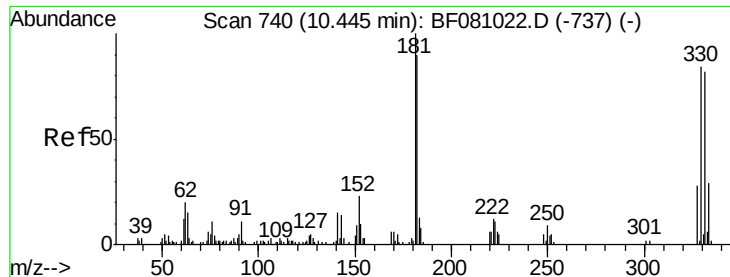
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 98.45 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

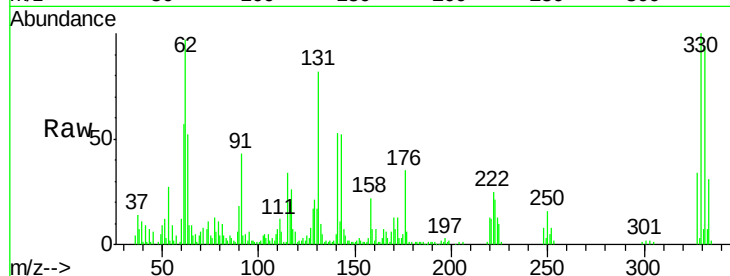
Tot Ion:330 Resp: 94534

Ion Ratio Lower Upper

330 100

332 94.5 77.3 115.9

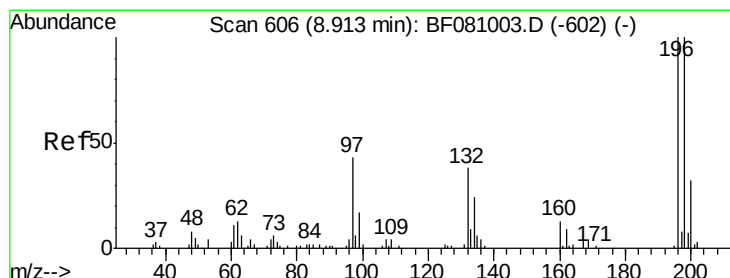
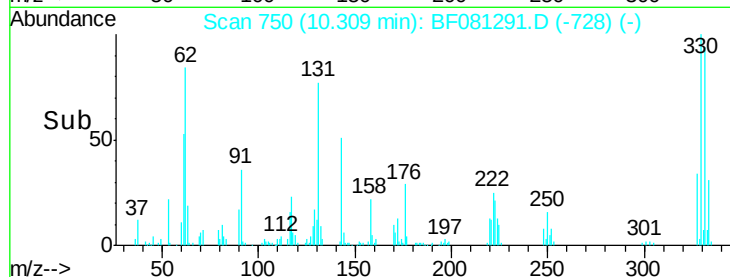
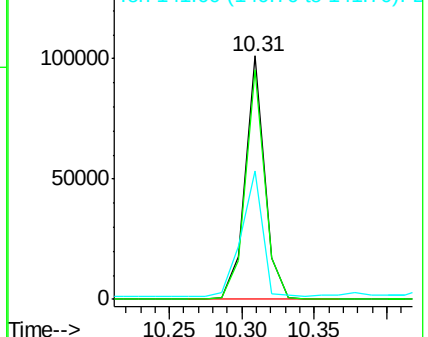
141 56.3 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.38 ng

RT: 8.78 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

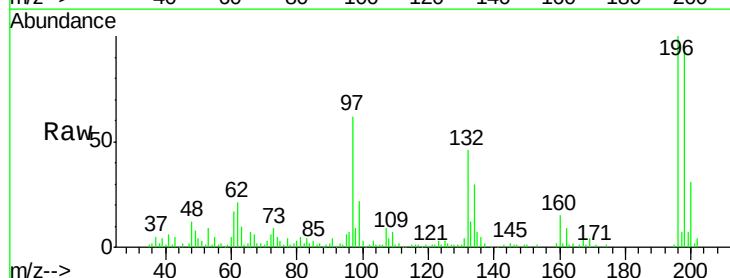
Tgt Ion:196 Resp: 94384

Ion Ratio Lower Upper

196 100

198 95.6 74.6 111.8

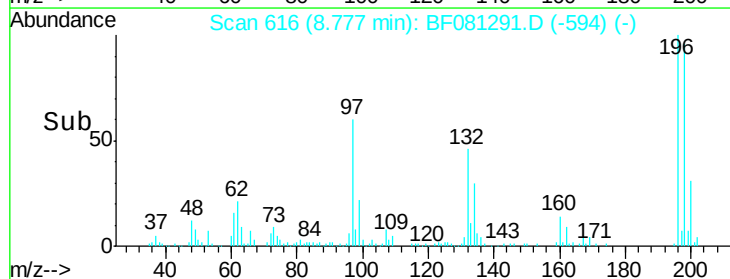
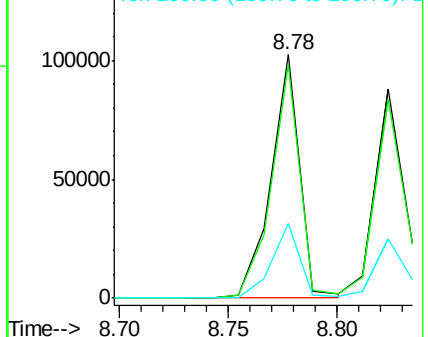
200 30.5 22.7 34.1

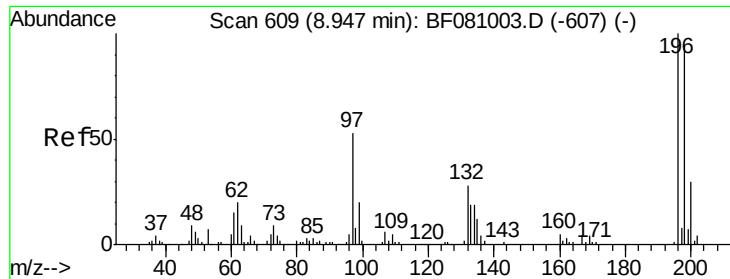


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

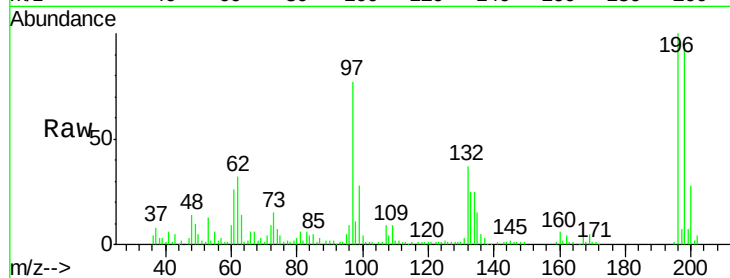




#43
 2,4,5-Trichlorophenol
 Concen: 33.13 ng
 RT: 8.82 min Scan# 620
 Delta R.T. -0.04 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.3	117.5
97	77.3	42.7	64.1#
132	37.1	23.3	34.9#



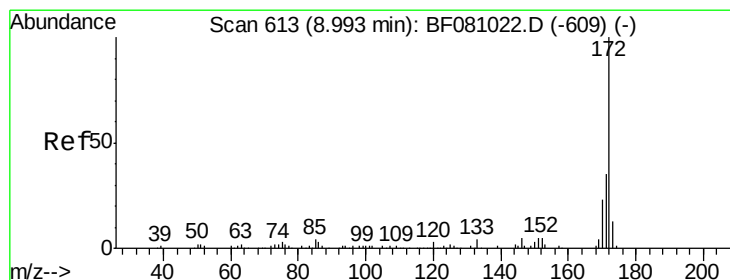
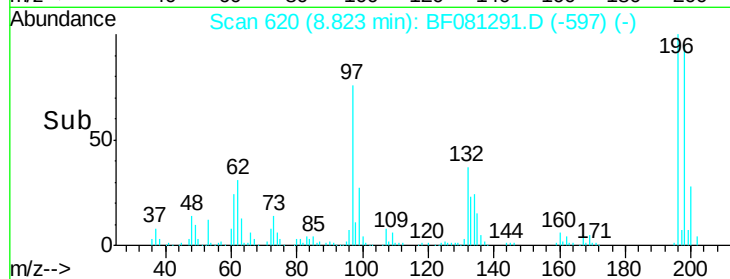
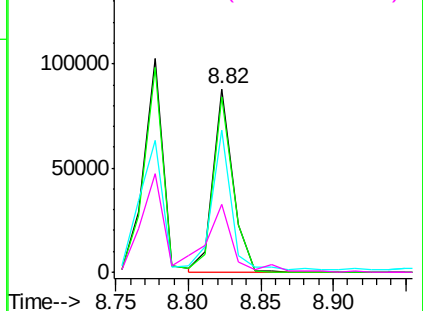
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

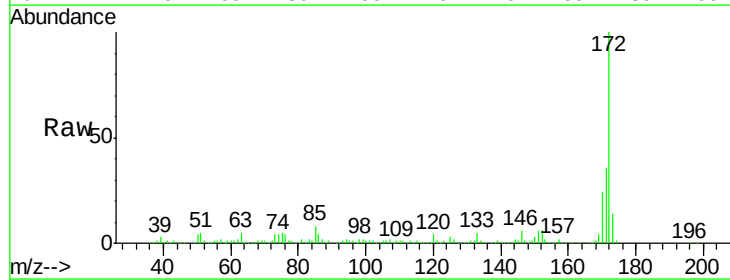
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.56 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.4	19.4	29.2

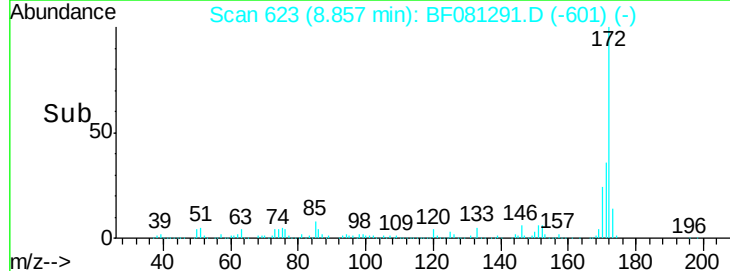
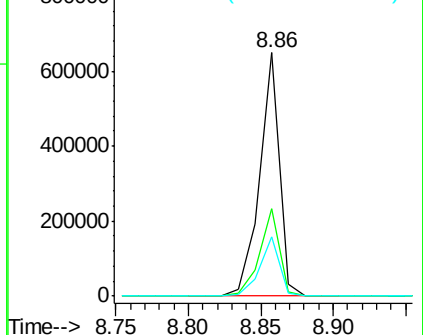


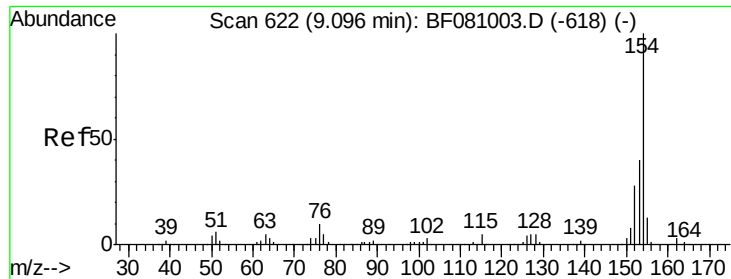
Abundance

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

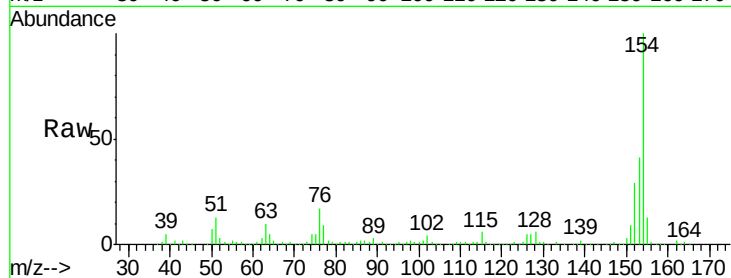




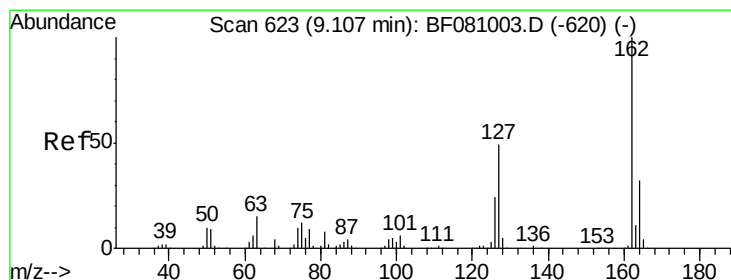
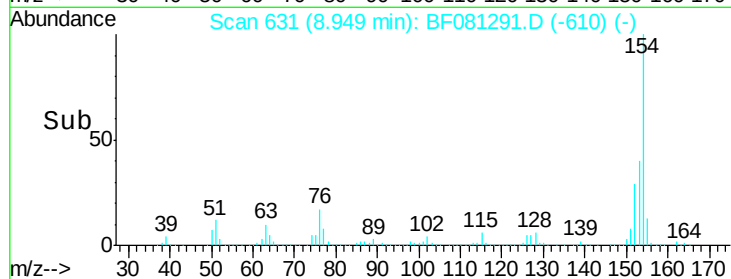
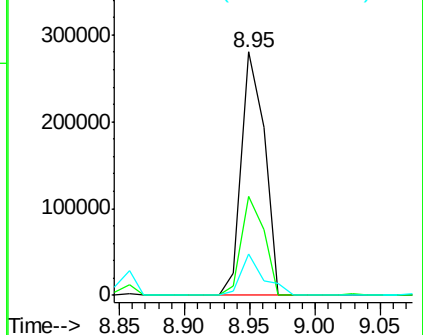
#45
 1,1'-Biphenyl
 Concen: 35.27 ng
 RT: 8.95 min Scan# 631
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 344173
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.5 59.5
 76 16.9 0.0 29.3

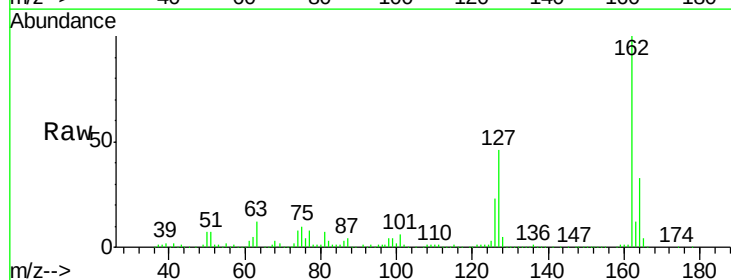


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

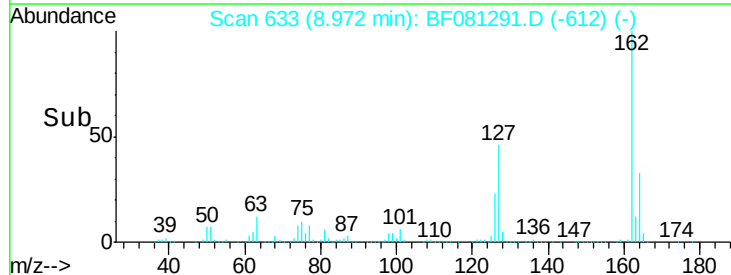
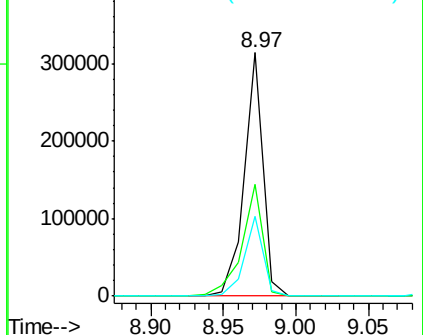


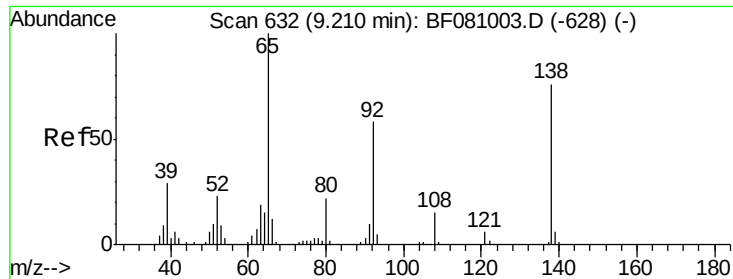
#46
 2-Chloronaphthalene
 Concen: 35.83 ng
 RT: 8.97 min Scan# 633
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:162 Resp: 280847
 Ion Ratio Lower Upper
 162 100
 127 46.1 31.3 46.9
 164 32.8 26.3 39.5



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

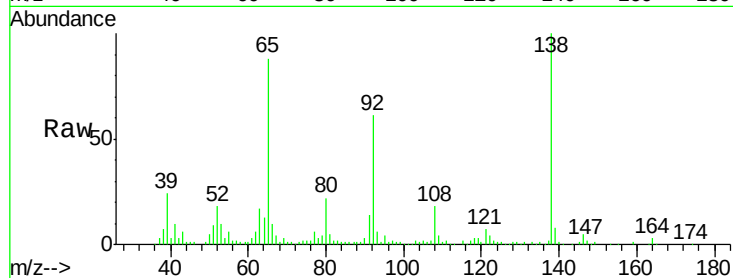




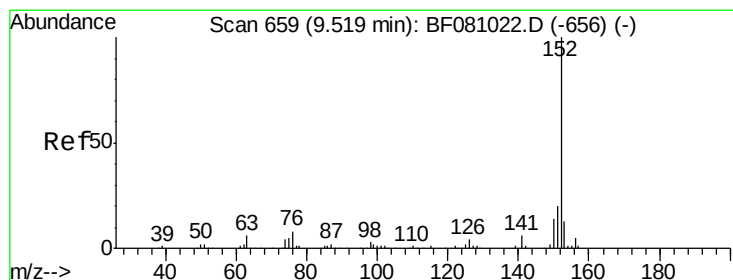
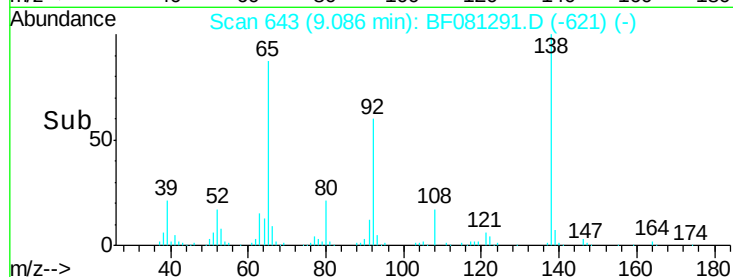
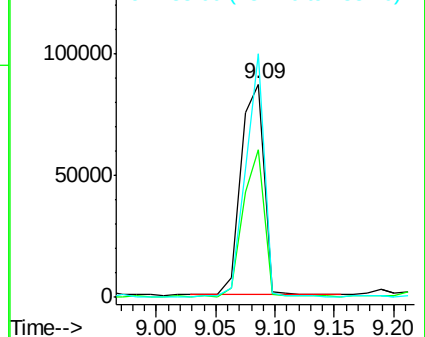
#47
2-Nitroaniline
Concen: 36.61 ng
RT: 9.09 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 117431
Ion Ratio Lower Upper
65 100
92 69.4 45.6 68.4#
138 114.2 57.9 86.9#

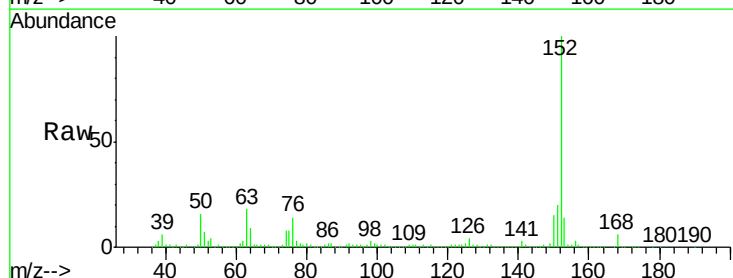


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

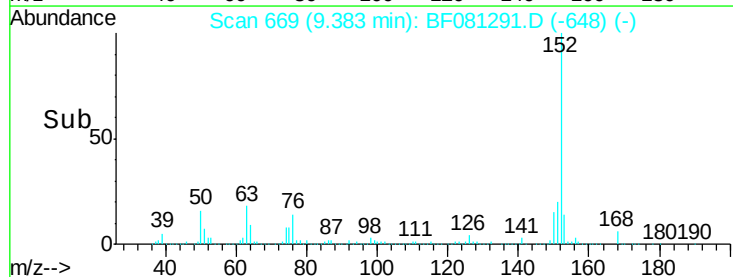
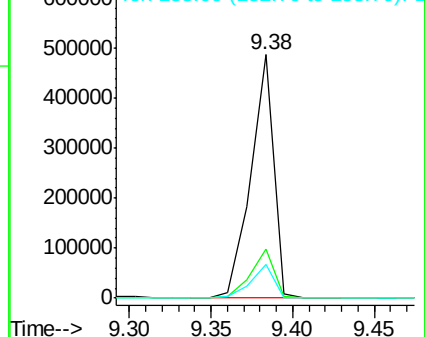


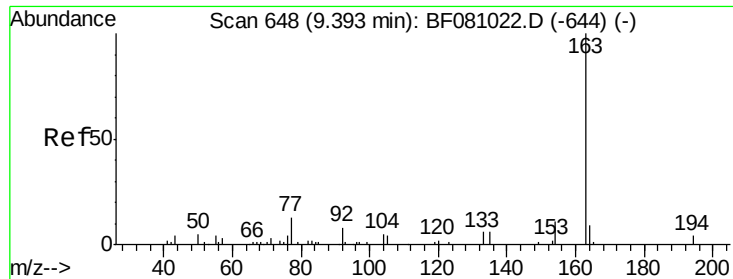
#48
Acenaphthylene
Concen: 33.63 ng
RT: 9.38 min Scan# 669
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion: 152 Resp: 471571
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.6 9.8 14.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

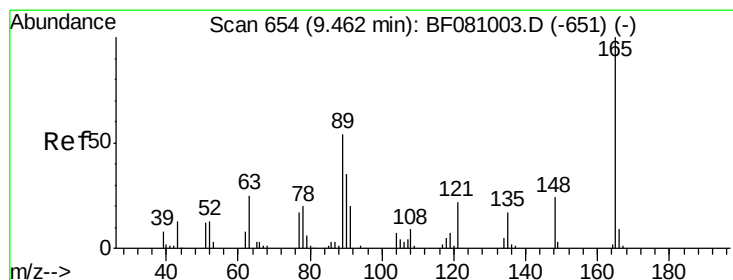
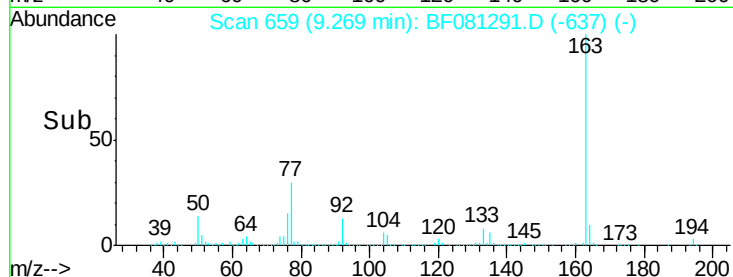
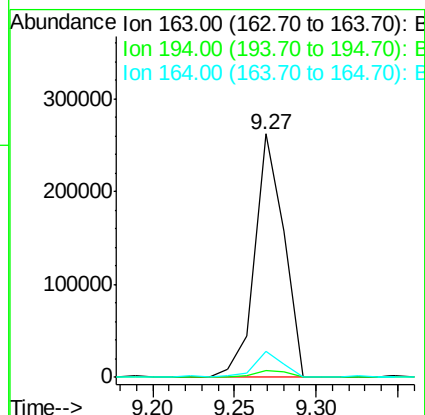
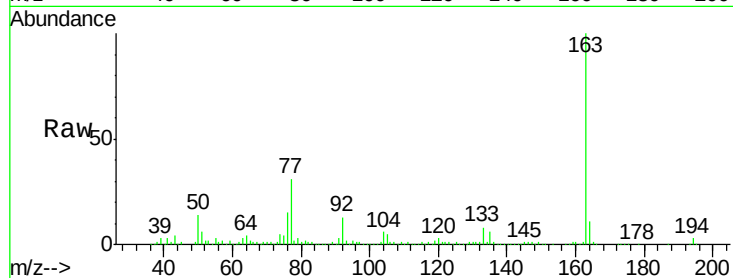




#49
Dimethylphthalate
Concen: 35.37 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

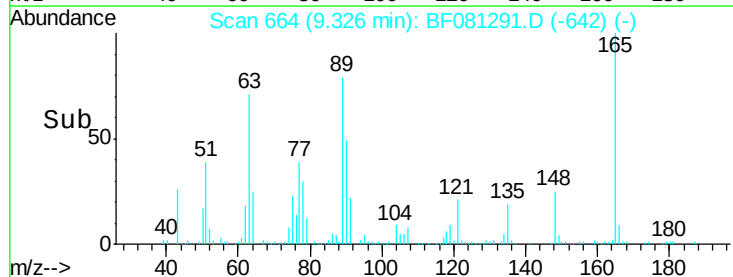
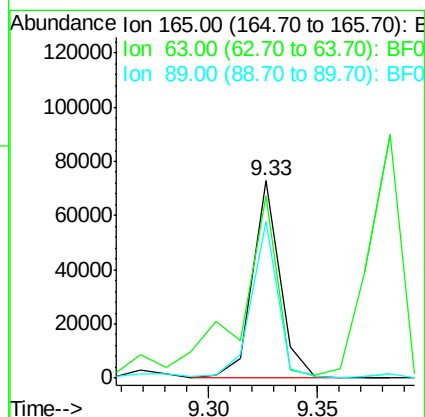
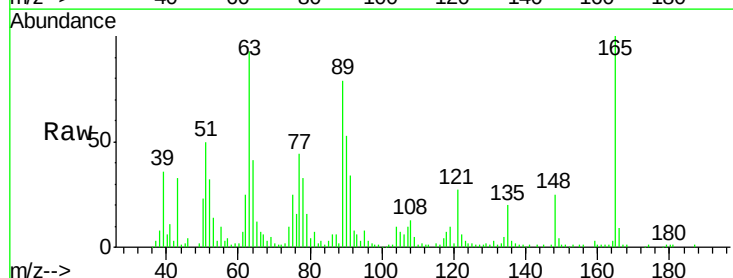
Instrument :
BNA_F
ClientSampleId :

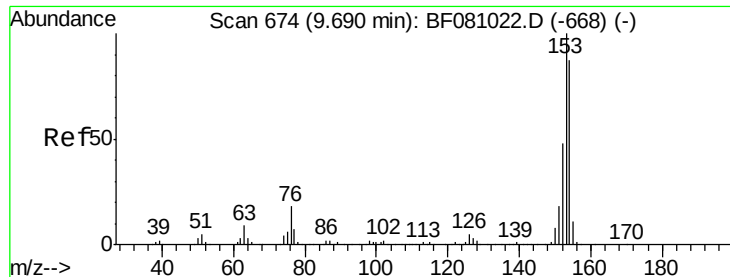
Tot Ion:163 Resp: 322688
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 32.48 ng
RT: 9.33 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:165 Resp: 63616
Ion Ratio Lower Upper
165 100
63 92.7 49.5 74.3#
89 79.2 47.6 71.4#





#51

Acenaphthene

Concen: 34.48 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

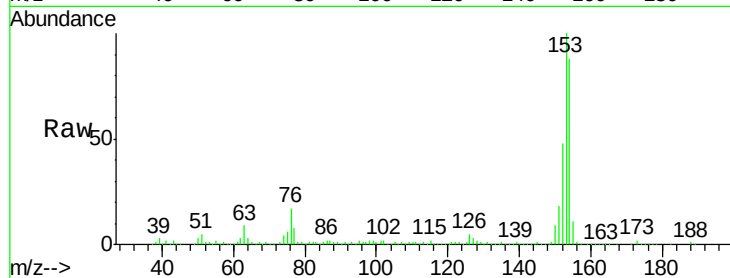
Tot Ion:154 Resp: 289450

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

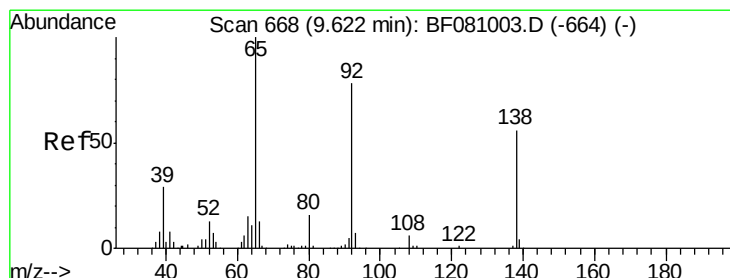
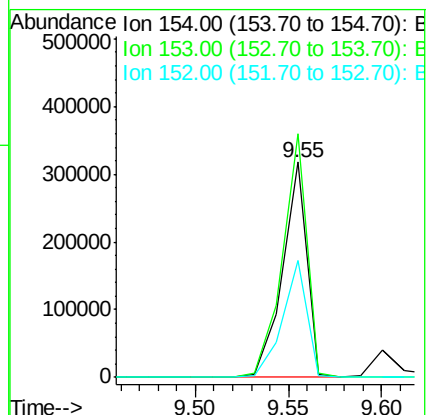
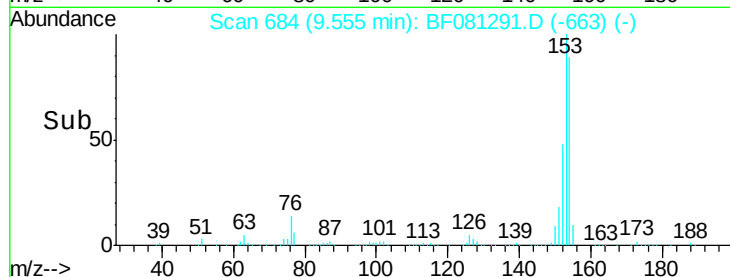
152 54.5 43.7 65.5



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: 15.93 ng

RT: 9.50 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

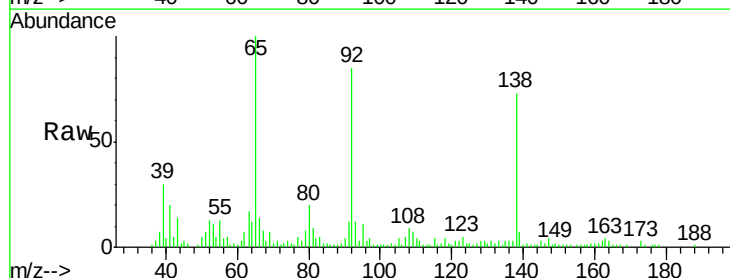
Tgt Ion:138 Resp: 39040

Ion Ratio Lower Upper

138 100

108 12.7 9.4 14.2

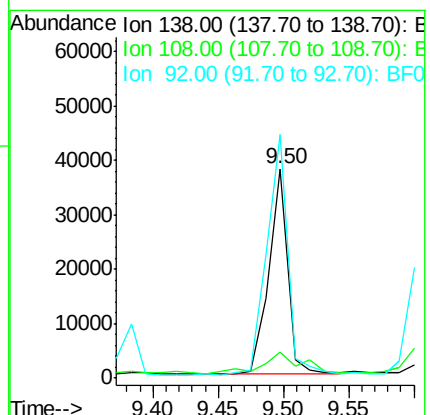
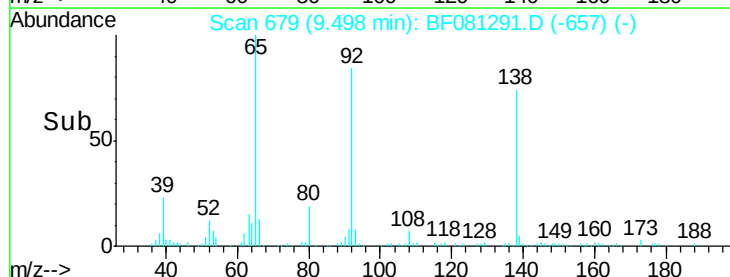
92 116.4 113.2 169.8

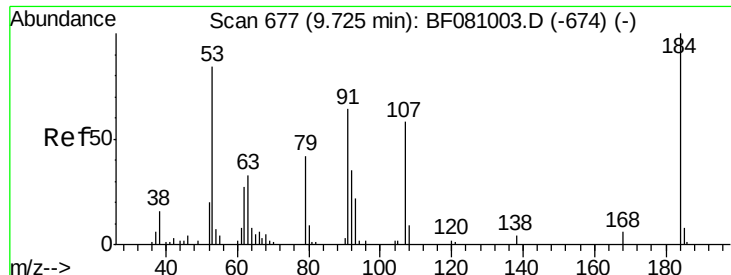


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

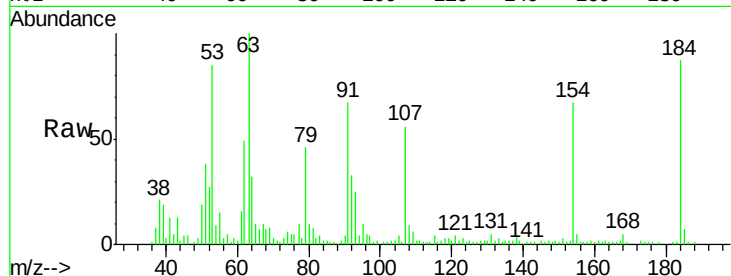




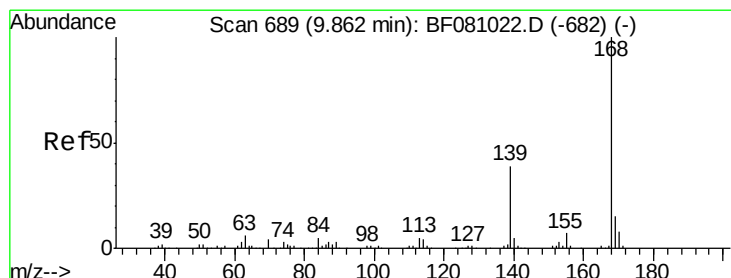
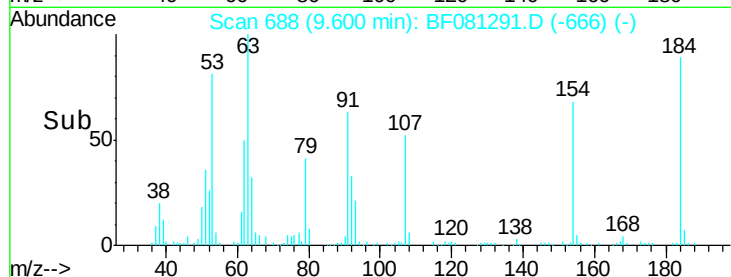
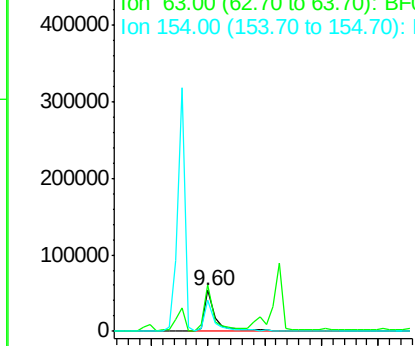
#53
2,4-Dinitrophenol
Concen: 71.04 ng
RT: 9.60 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 75629
Ion Ratio Lower Upper
184 100
63 115.0 101.7 152.5
154 77.4 67.4 101.0

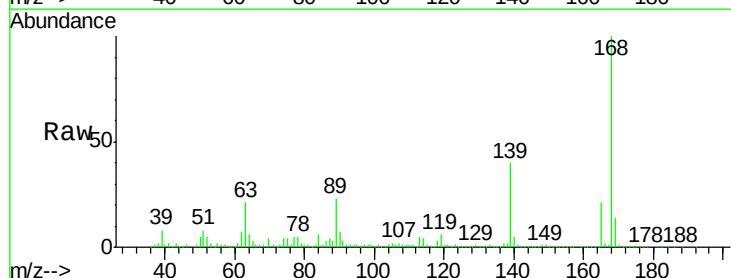


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

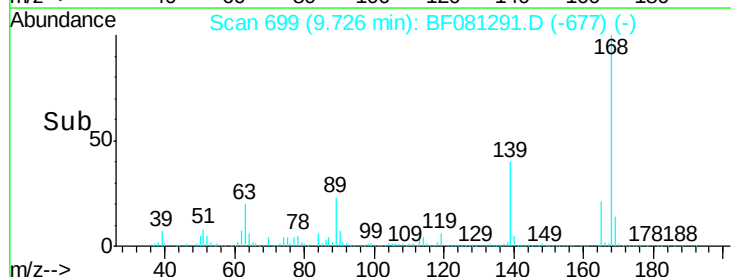
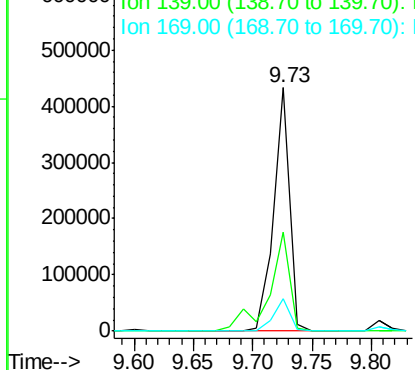


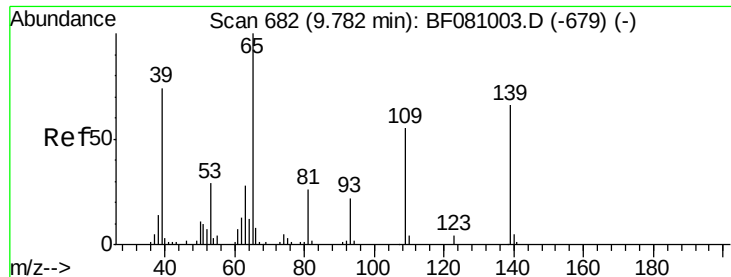
#54
Dibenzofuran
Concen: 35.78 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:168 Resp: 402542
Ion Ratio Lower Upper
168 100
139 40.4 29.3 43.9
169 13.5 10.3 15.5



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

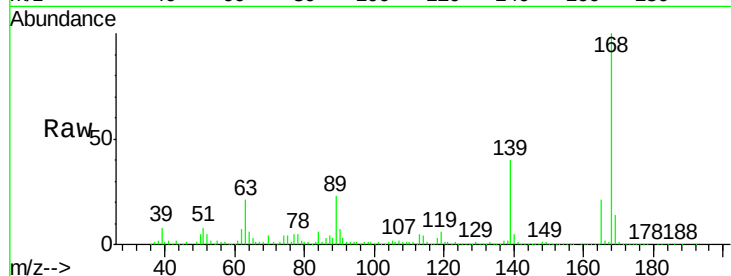




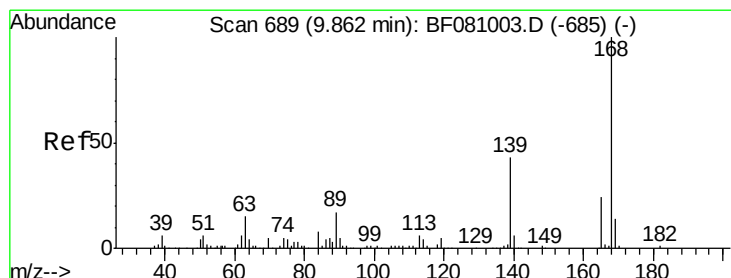
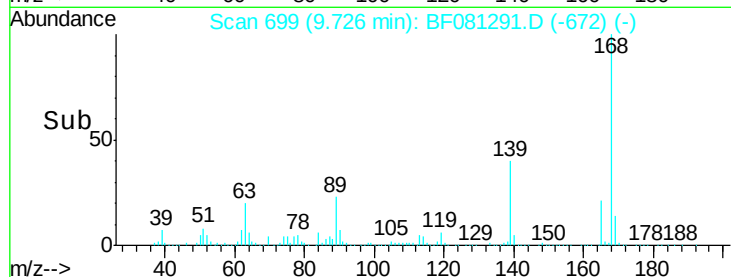
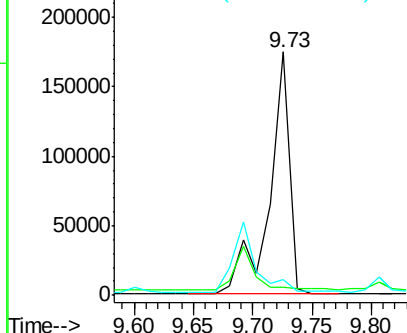
#55
4-Nitrophenol
Concen: 121.73 ng
RT: 9.73 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.2	80.0	120.0#
65	6.6	138.3	178.3#



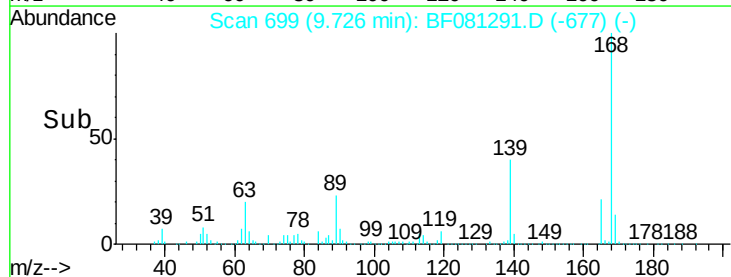
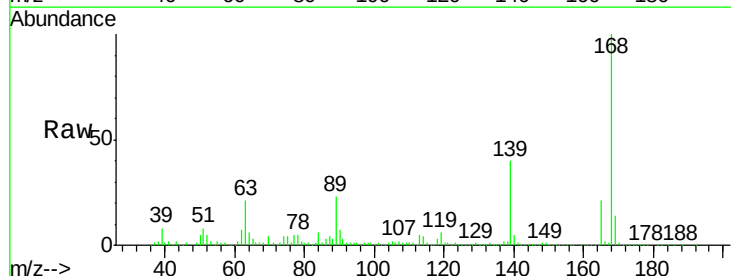
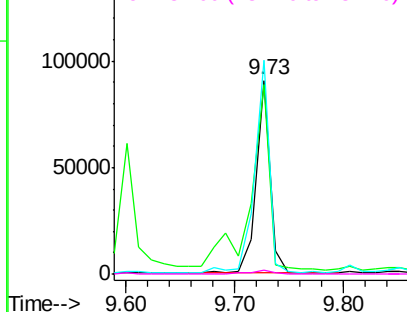
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

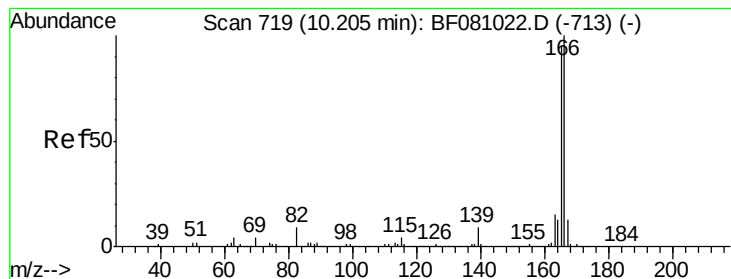


#56
2,4-Dinitrotoluene
Concen: 31.87 ng
RT: 9.73 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	98.0	52.2	78.4#
89	110.4	60.1	90.1#
182	1.8	1.8	2.6

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





#57

Fluorene

Concen: 34.96 ng

RT: 10.07 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

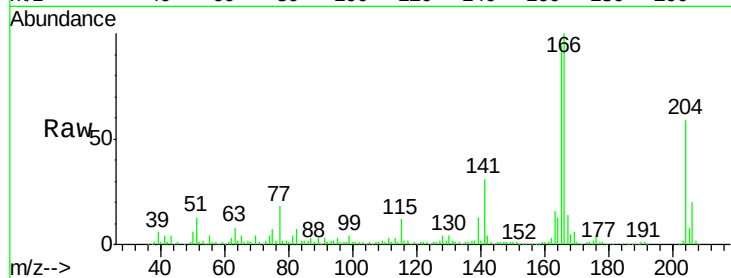
Tot Ion:166 Resp: 302549

Ion Ratio Lower Upper

166 100

165 94.3 75.8 113.8

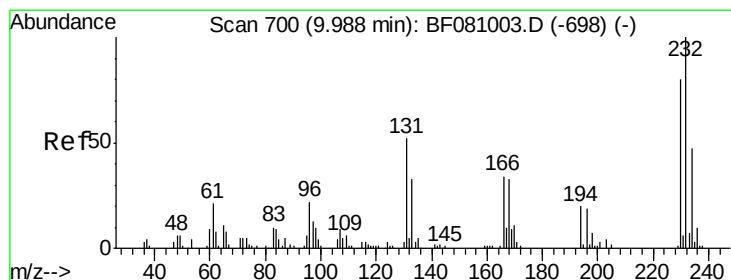
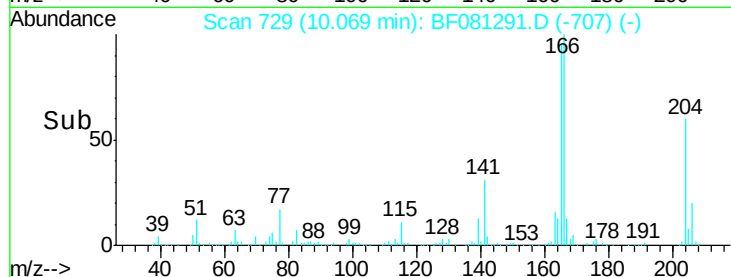
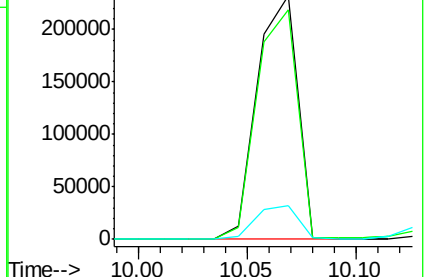
167 13.7 11.3 16.9



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: 32.51 ng

RT: 9.81 min Scan# 706

Delta R.T. -0.09 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:232 Resp: 63495

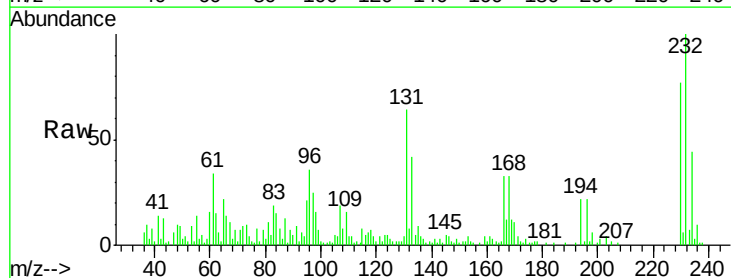
Ion Ratio Lower Upper

232 100

131 52.4 42.2 63.4

130 2.6 2.1 3.1

166 29.0 22.4 33.6

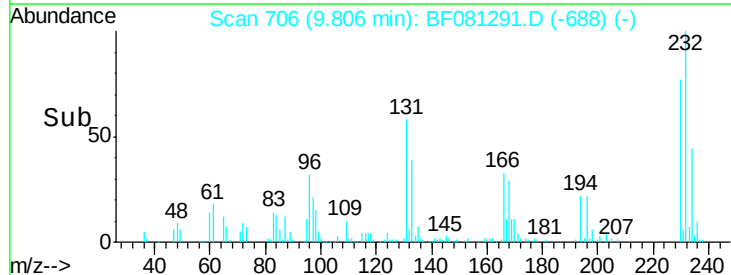
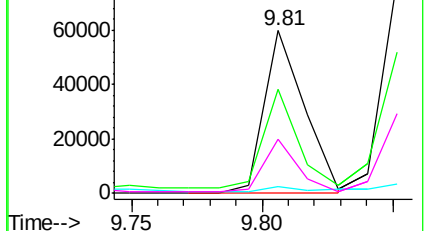


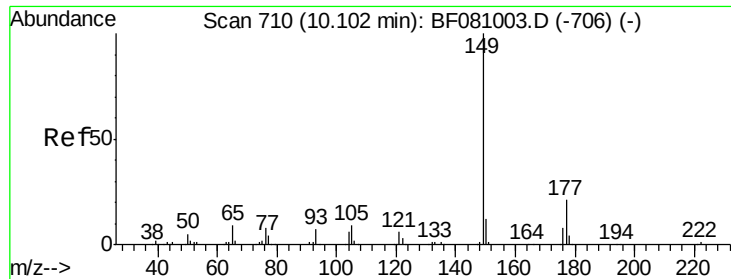
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

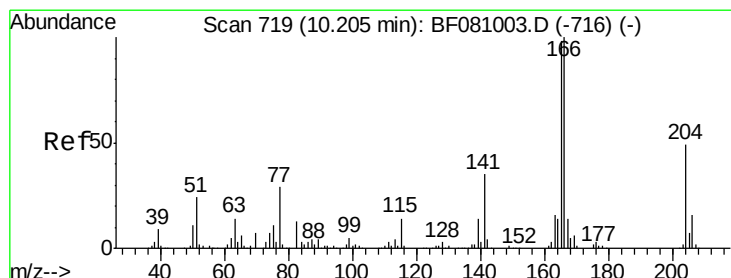
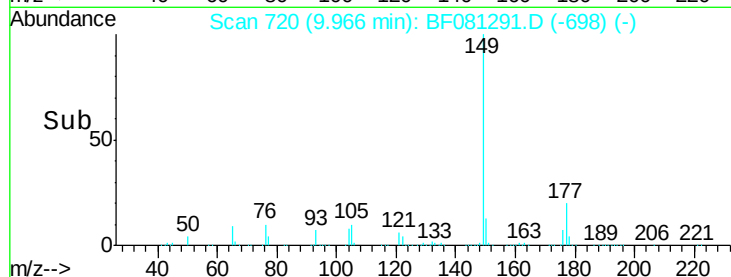
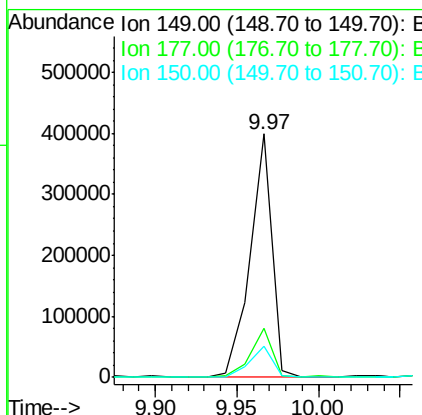
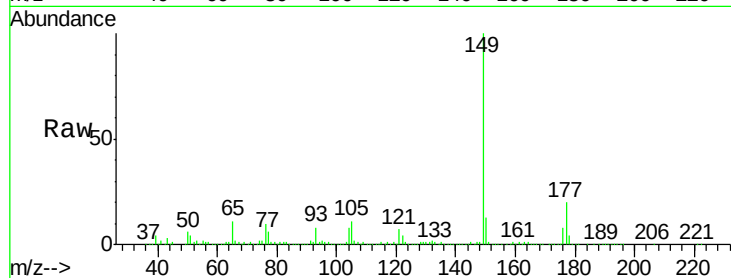




#59
Diethylphthalate
Concen: 38.04 ng
RT: 9.97 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

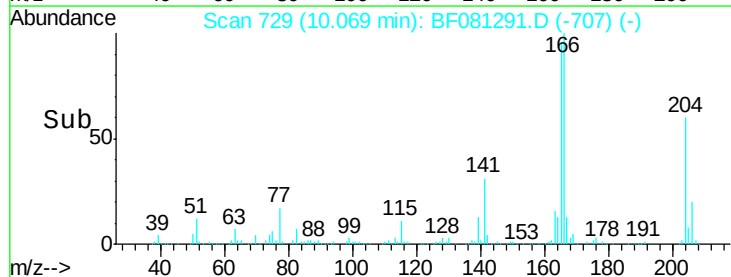
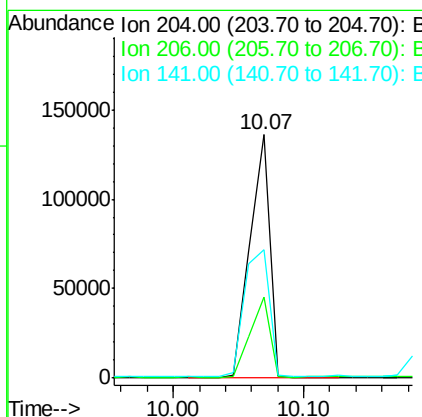
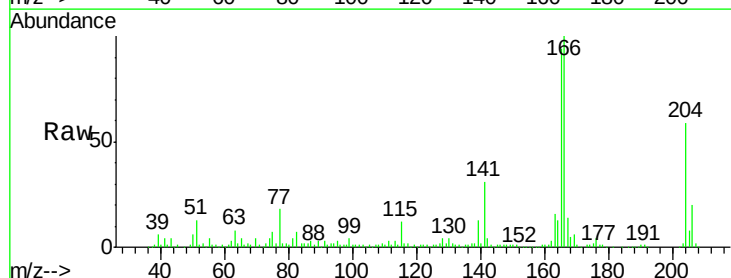
Instrument :
BNA_F
ClientSampleId :

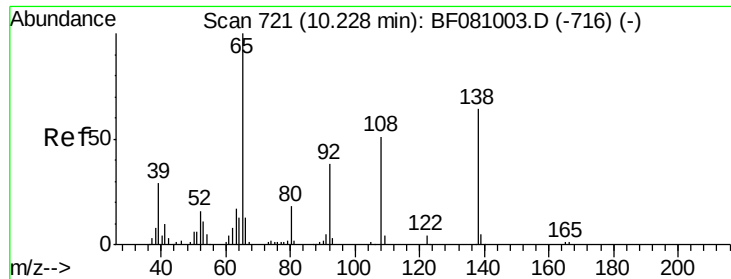
Tot Ion:149 Resp: 367316
Ion Ratio Lower Upper
149 100
177 20.0 14.1 21.1
150 12.7 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 39.59 ng
RT: 10.07 min Scan# 729
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:204 Resp: 144969
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 52.6 59.6 89.4#

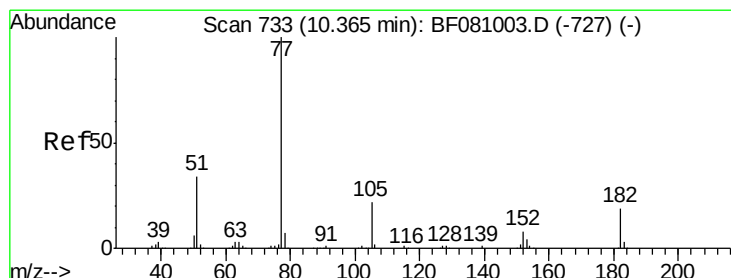
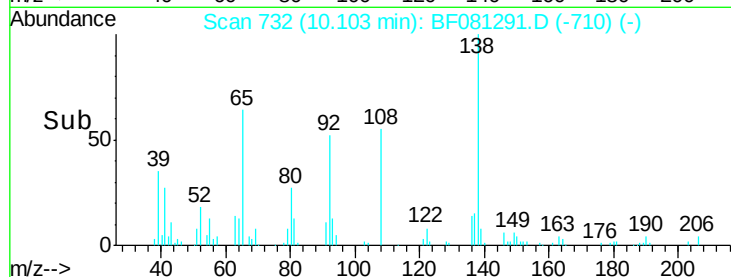
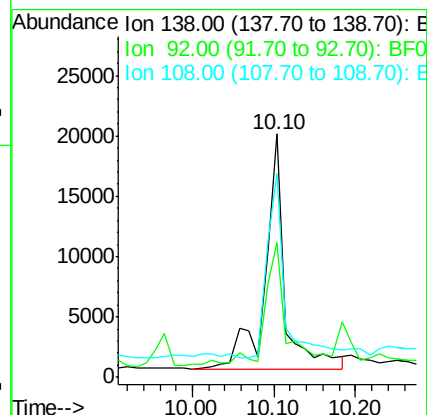
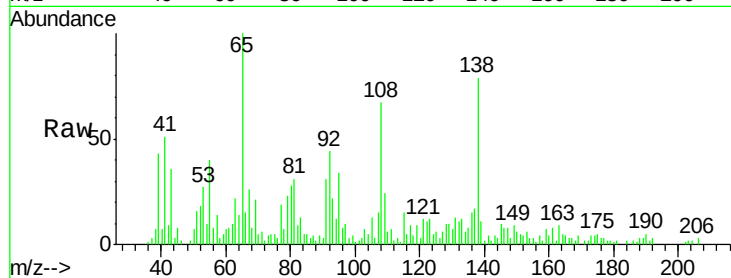




#61
4-Nitroaniline
Concen: 13.53 ng
RT: 10.10 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

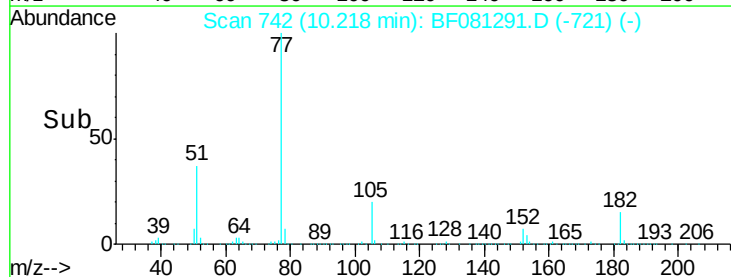
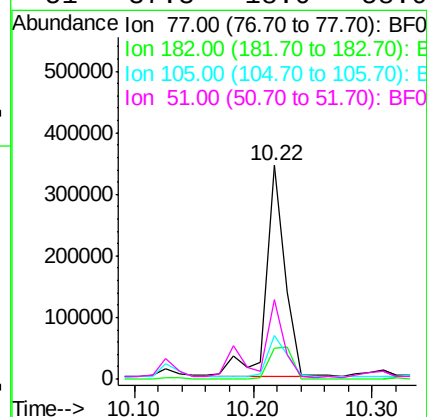
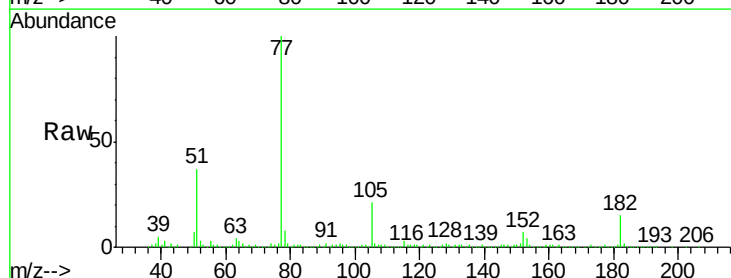
Instrument :
BNA_F
ClientSampled :

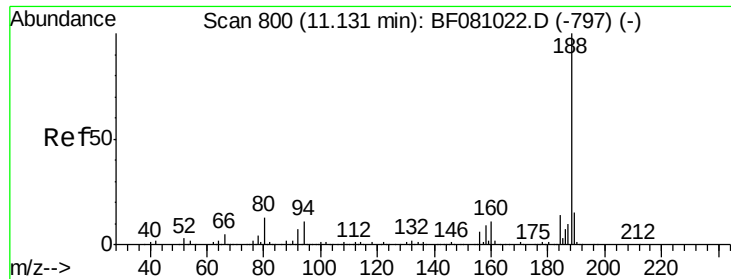
Tot Ion:138 Resp: 33907
Ion Ratio Lower Upper
138 100
92 55.1 34.7 74.7
108 84.0 68.9 108.9



#62
Azobenzene
Concen: 34.49 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion: 77 Resp: 383800
Ion Ratio Lower Upper
77 100
182 14.5 0.0 39.0
105 20.6 0.2 40.2
51 37.3 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

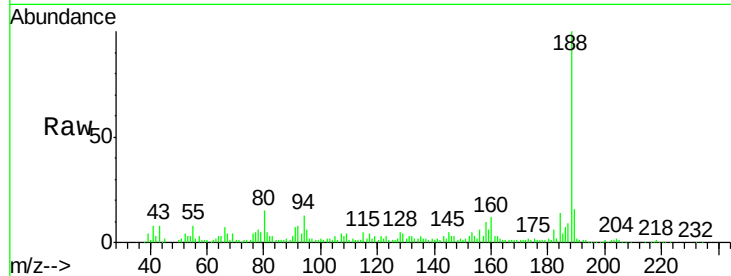
Tot Ion:188 Resp: 191174

Ion Ratio Lower Upper

188 100

94 13.4 8.2 12.2#

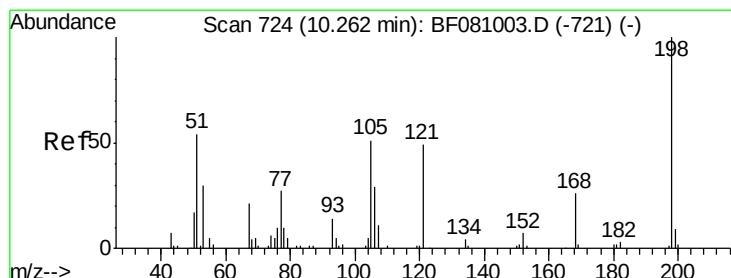
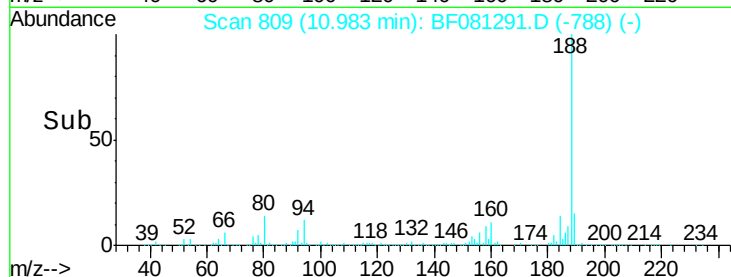
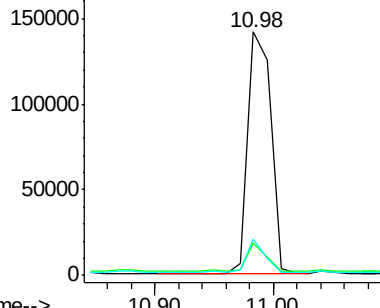
80 14.8 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.01 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

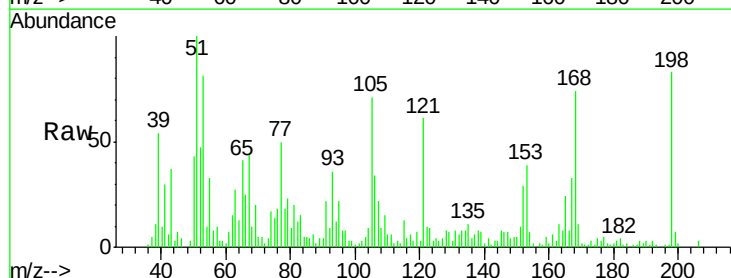
Tgt Ion:198 Resp: 47962

Ion Ratio Lower Upper

198 100

51 120.0 79.7 119.7#

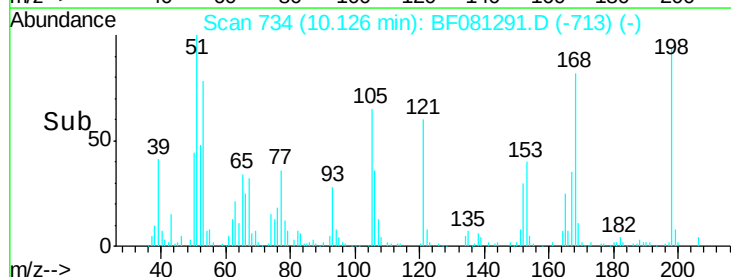
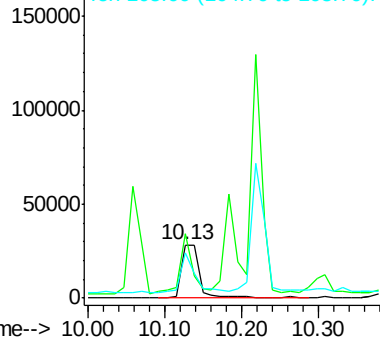
105 84.6 47.0 87.0

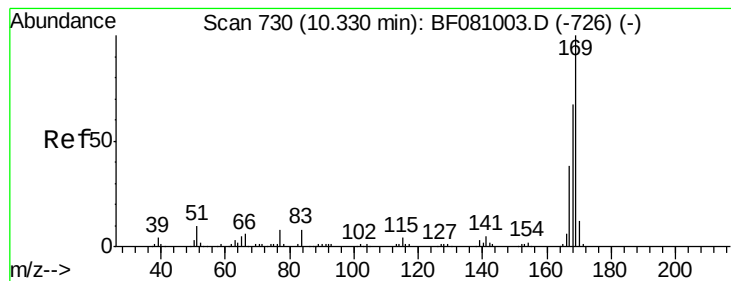


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

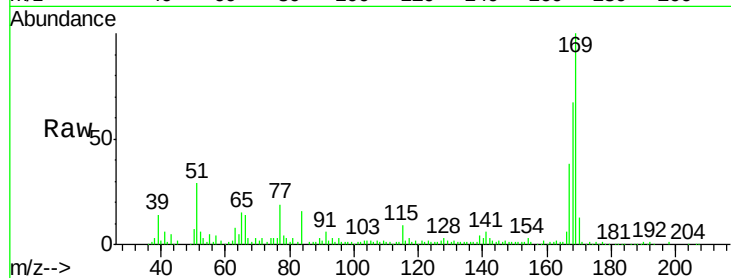




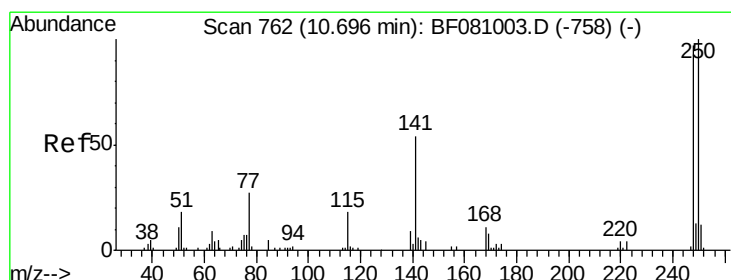
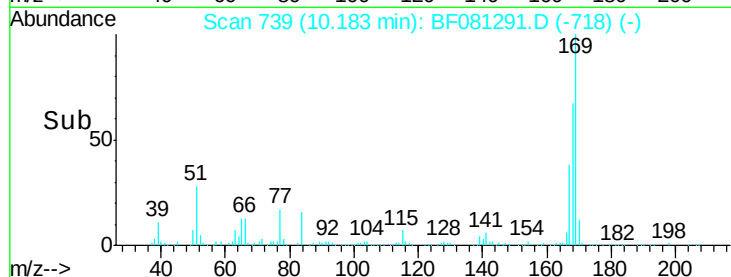
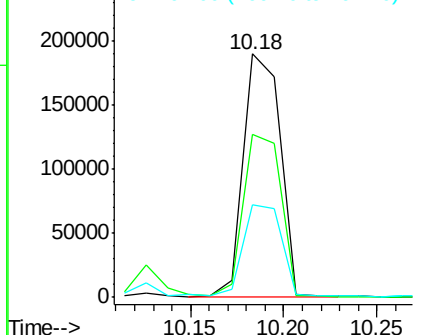
#65
 n-Nitrosodiphenylamine
 Concen: 37.83 ng
 RT: 10.18 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 258136
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.3 82.9
 167 38.0 30.8 46.2

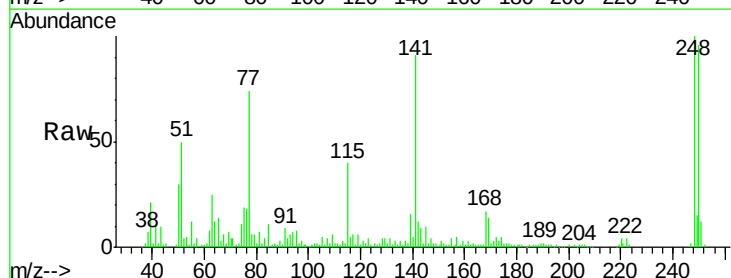


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

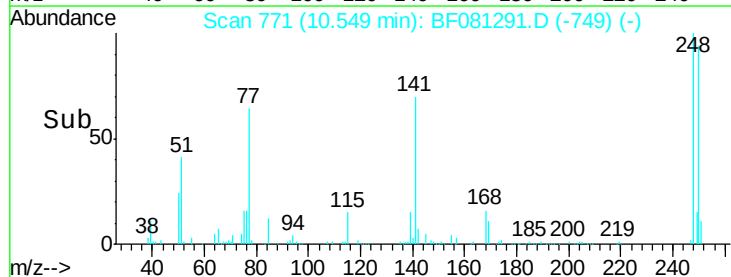
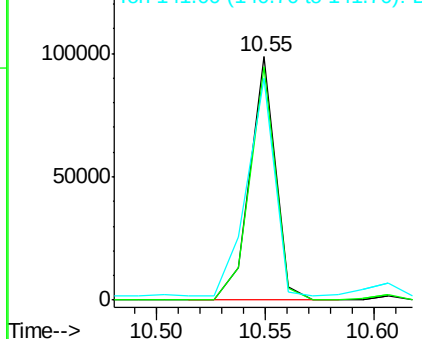


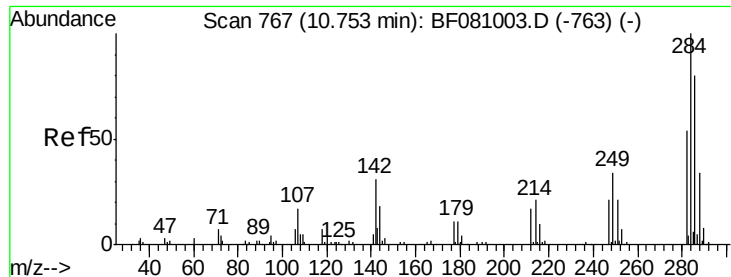
#66
 4-Bromophenyl-phenylether
 Concen: 42.85 ng
 RT: 10.55 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:248 Resp: 80465
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.8 116.6
 141 91.0 39.8 59.6#



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

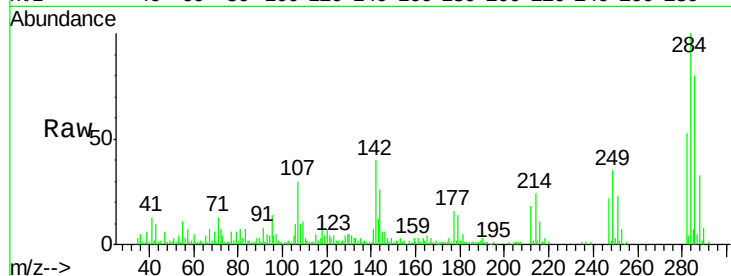




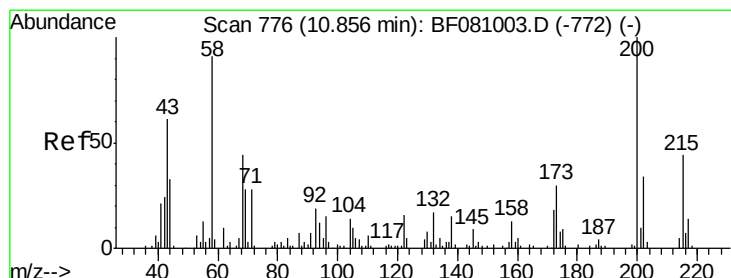
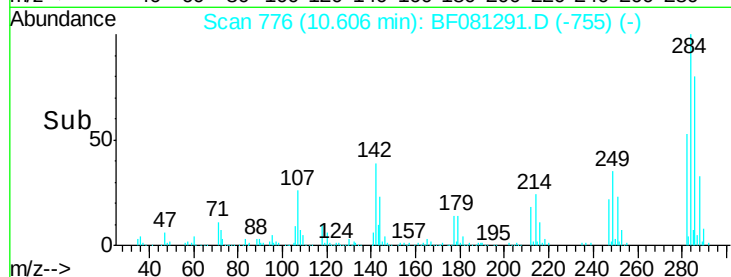
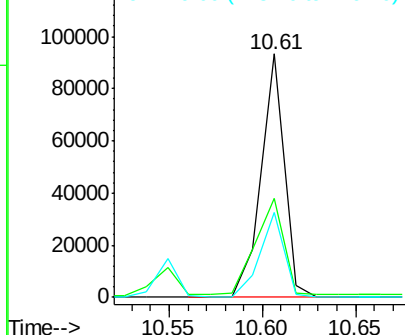
#67
Hexachlorobenzene
Concen: 42.08 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 80041
Ion Ratio Lower Upper
284 100
142 40.5 25.4 38.0#
249 34.7 28.5 42.7

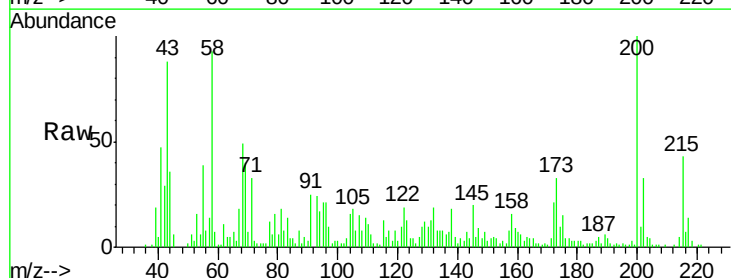


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

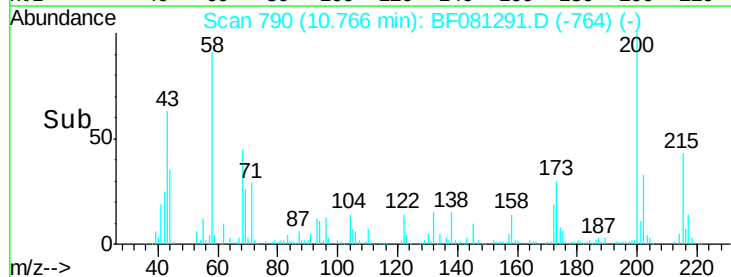
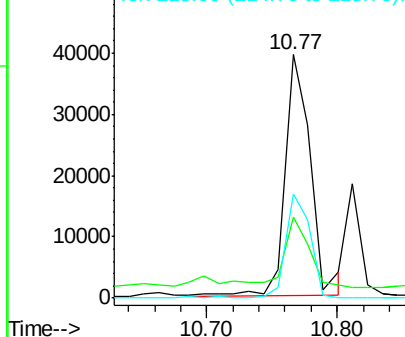


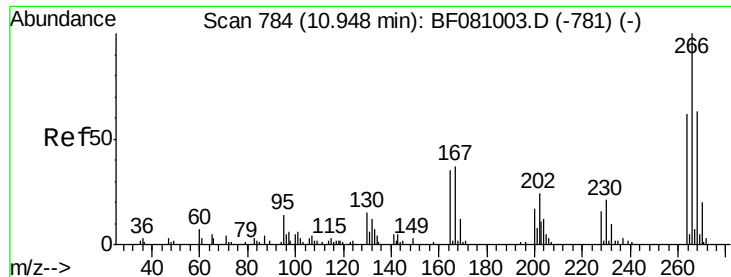
#68
Atrazine
Concen: 28.39 ng
RT: 10.77 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:200 Resp: 53974
Ion Ratio Lower Upper
200 100
173 33.4 8.1 48.1
215 42.6 23.3 63.3



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

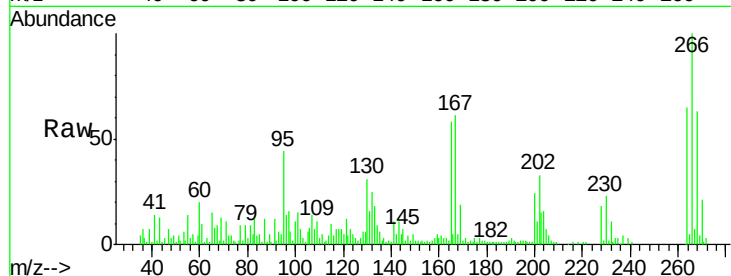




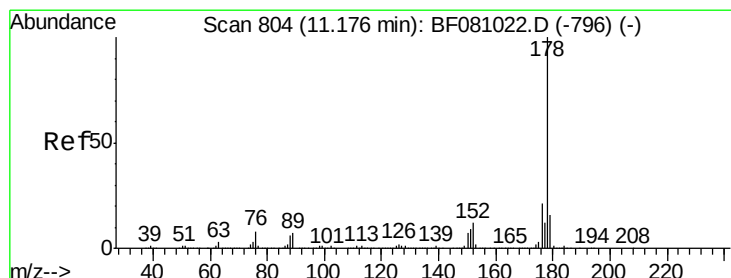
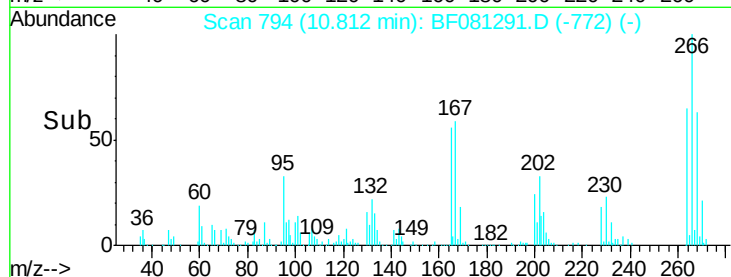
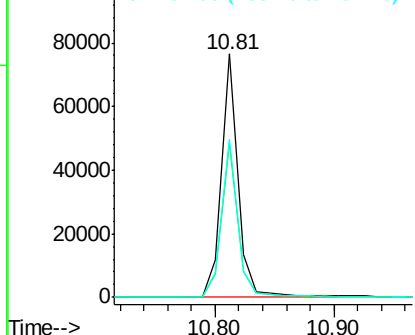
#69
 Pentachlorophenol
 Concen: 64.77 ng
 RT: 10.81 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 73911
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 64.7 50.6 75.8

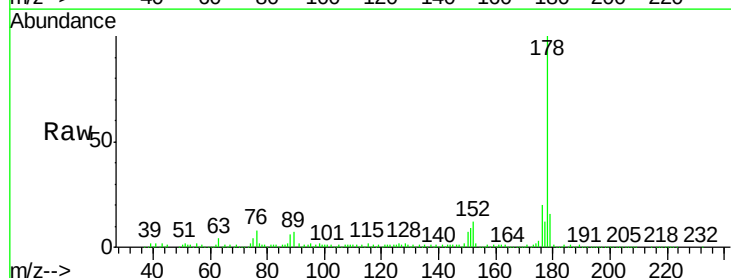


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

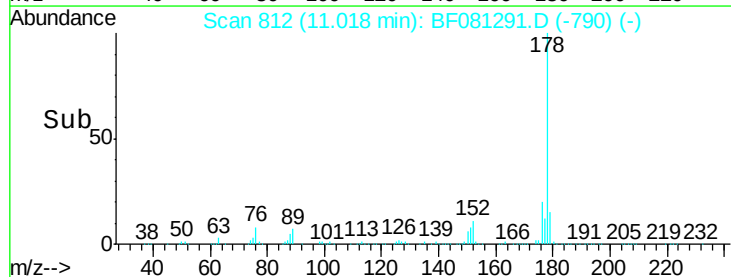
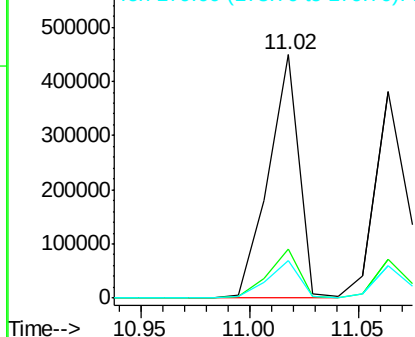


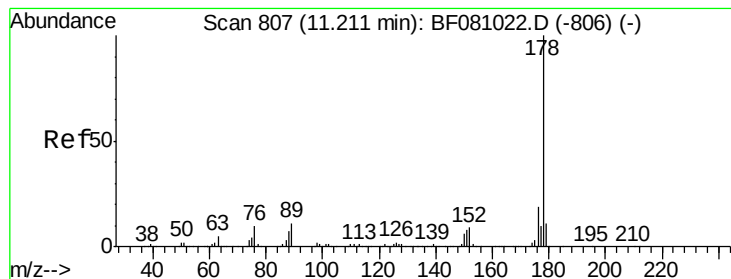
#70
 Phenanthrene
 Concen: 38.95 ng
 RT: 11.02 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:178 Resp: 441317
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 15.7 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





#71

Anthracene

Concen: 34.67 ng

RT: 11.06 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

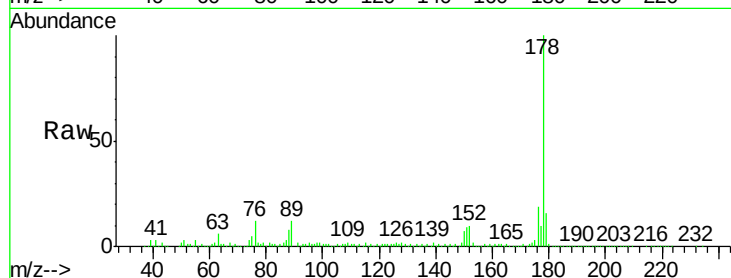
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 382225

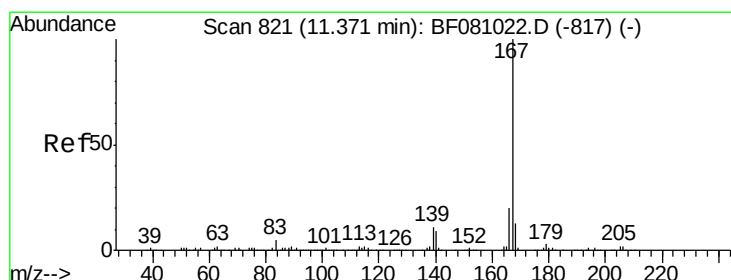
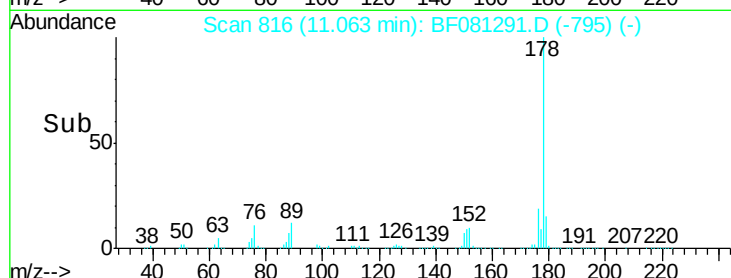
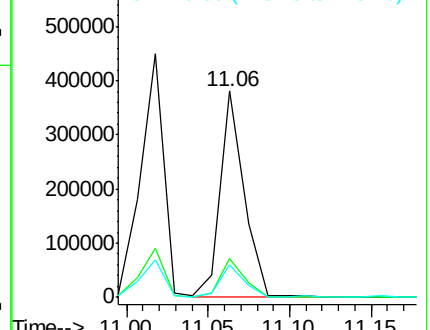
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.6	12.7	19.1



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: 39.18 ng

RT: 11.23 min Scan# 831

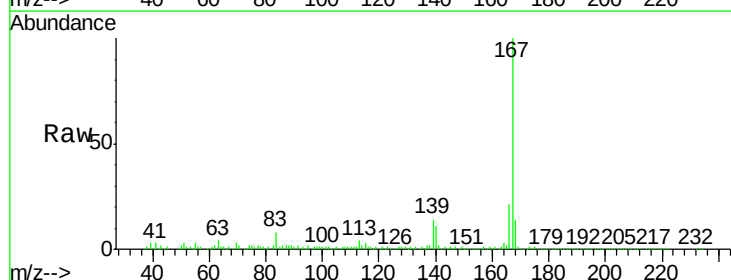
Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Tgt Ion:167 Resp: 415921

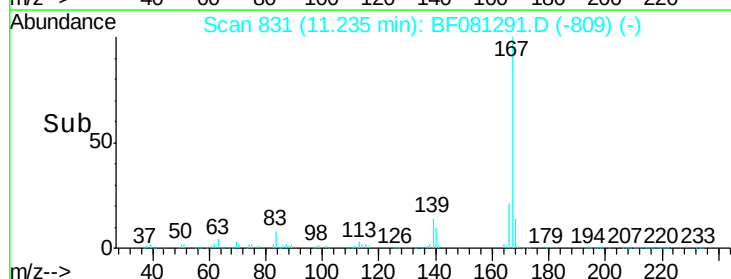
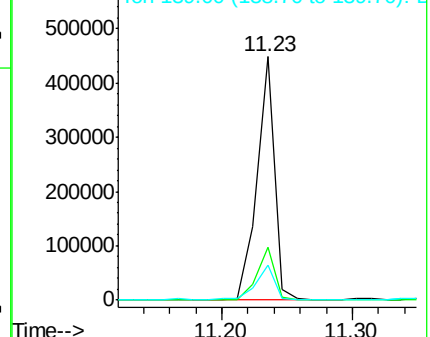
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	14.3	10.6	16.0

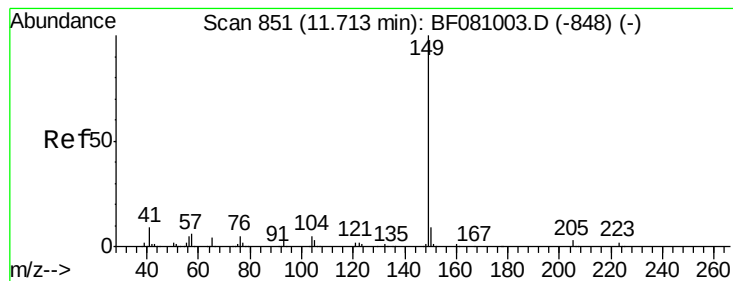


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.58 min Scan# 861

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

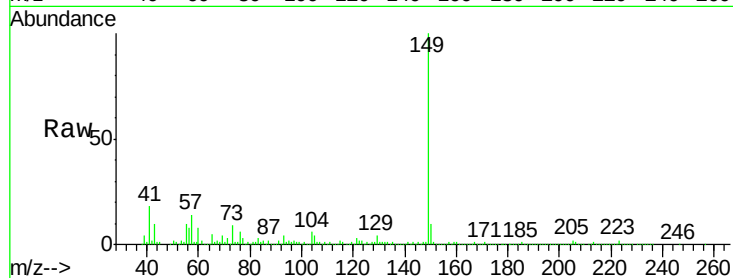
Tot Ion:149 Resp: 502185

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

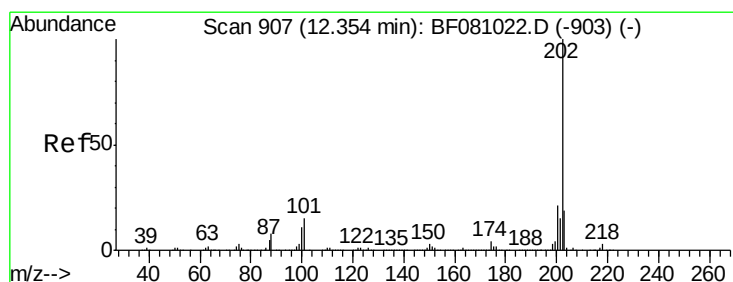
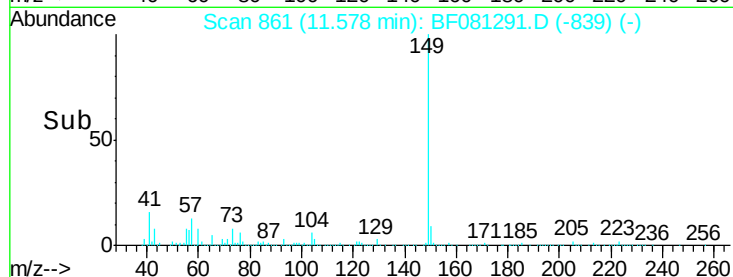
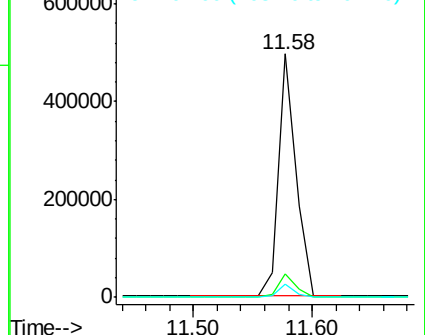
104 5.7 3.9 5.9



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: 39.19 ng

RT: 12.19 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

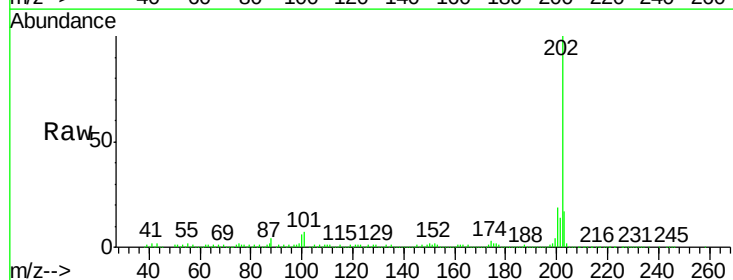
Tgt Ion:202 Resp: 479141

Ion Ratio Lower Upper

202 100

101 7.2 0.0 24.8

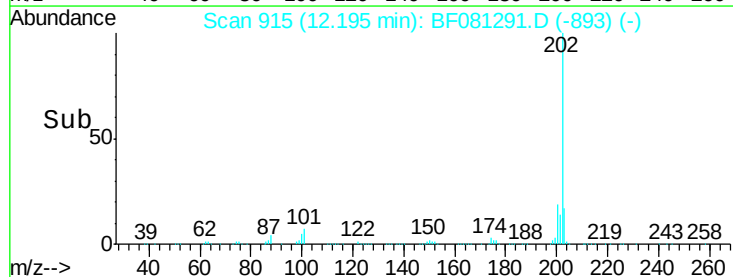
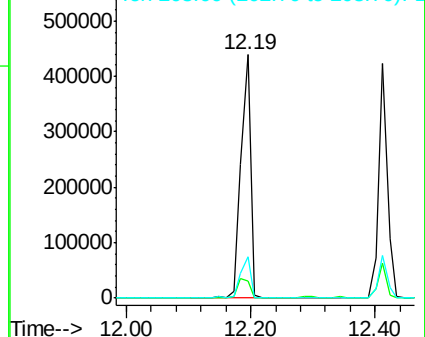
203 17.2 0.0 36.9

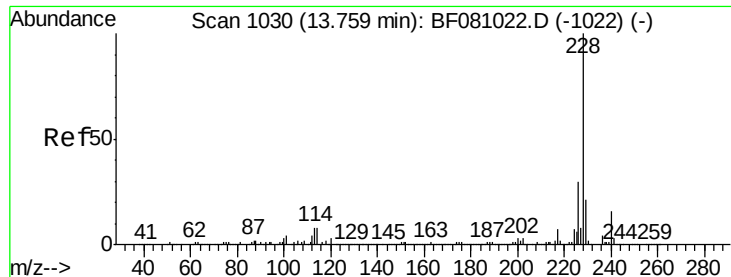


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

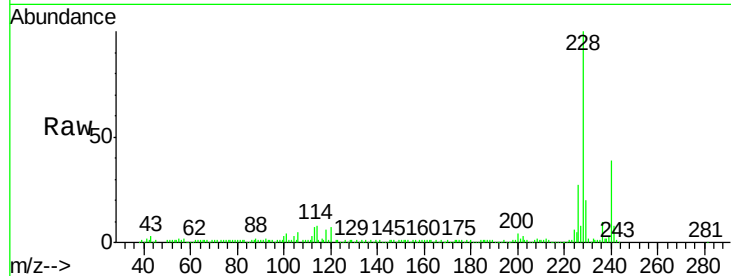
Tot Ion:240 Resp: 126342

Ion Ratio Lower Upper

240 100

120 17.0 5.6 8.4#

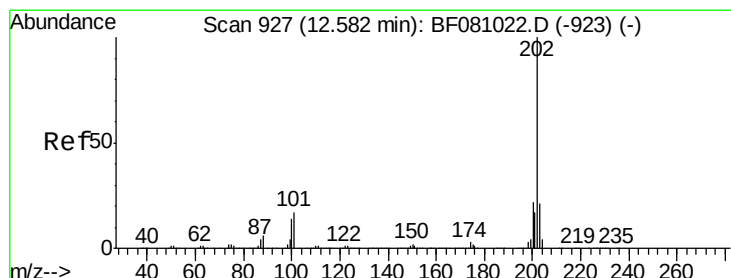
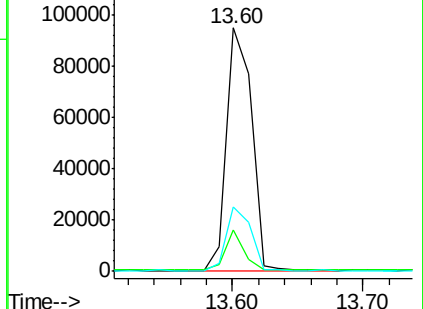
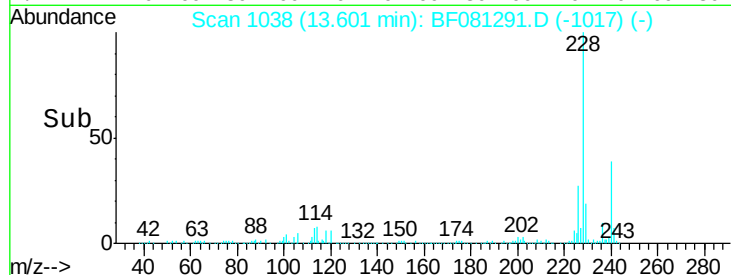
236 26.5 20.6 30.8



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



#77

Pyrene

Concen: 40.46 ng

RT: 12.41 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

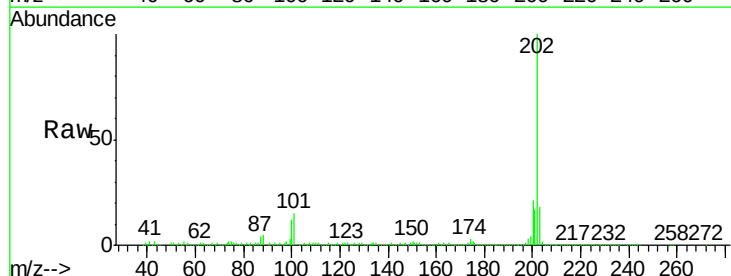
Tgt Ion:202 Resp: 415538

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

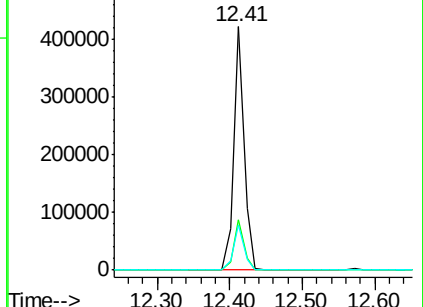
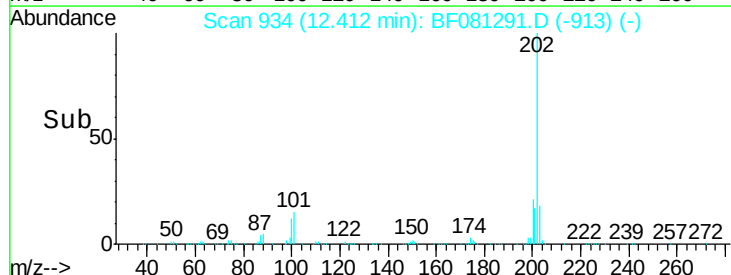
203 18.4 14.1 21.1

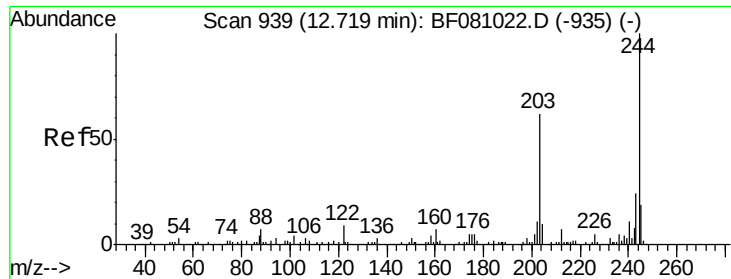


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

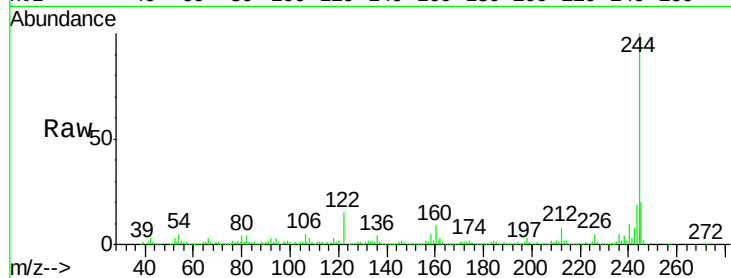




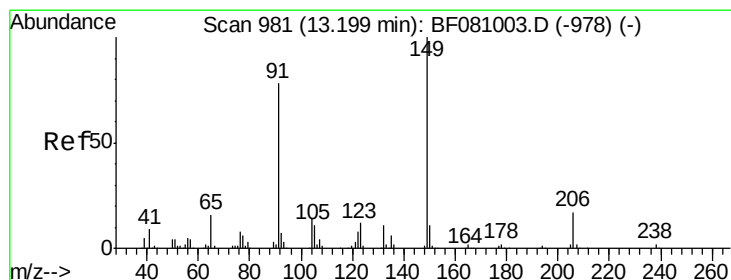
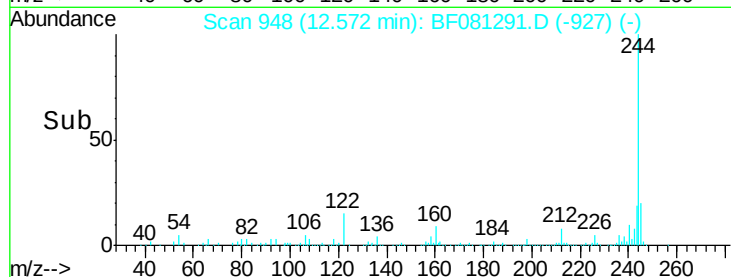
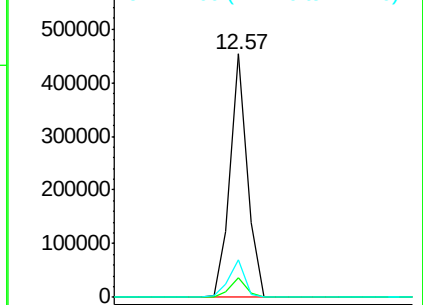
#78
 Terphenyl-d14
 Concen: 83.74 ng
 RT: 12.57 min Scan# 948
 Delta R.T. -0.06 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 493516
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.2 8.2 12.4#

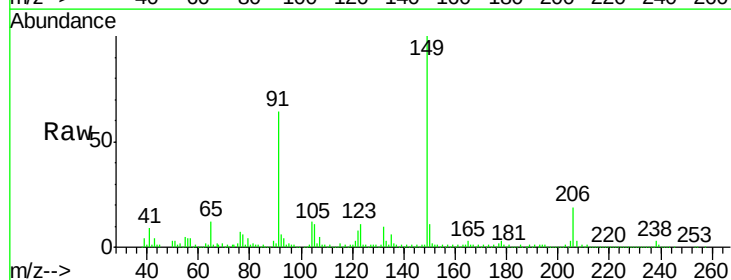


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

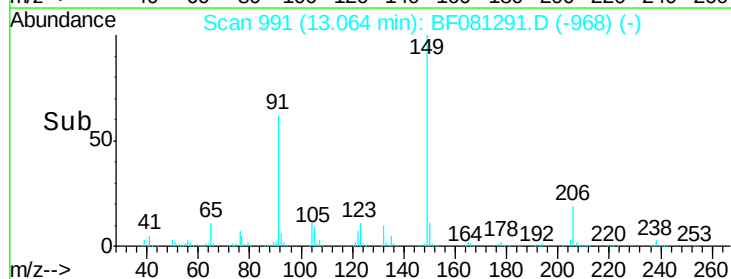
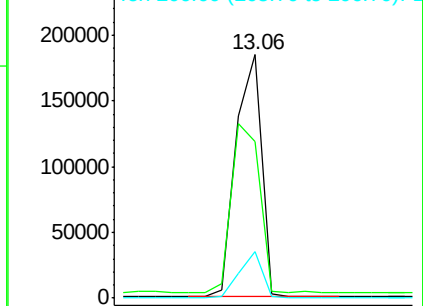


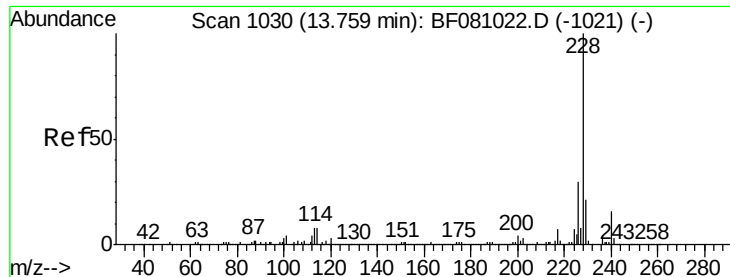
#79
 Butylbenzylphthalate
 Concen: 51.01 ng
 RT: 13.06 min Scan# 991
 Delta R.T. -0.04 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:149 Resp: 225202
 Ion Ratio Lower Upper
 149 100
 91 64.3 46.9 70.3
 206 19.3 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.25 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

Instrument :

BNA_F

ClientSampleId :

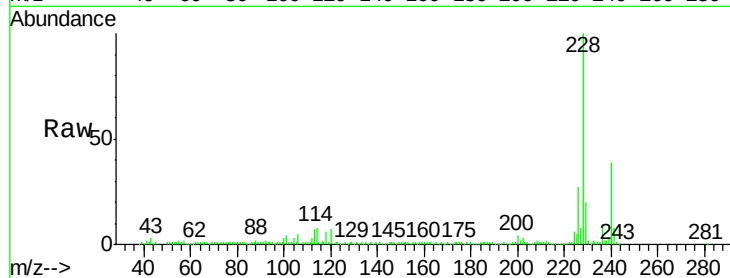
Tot Ion:228 Resp: 349503

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

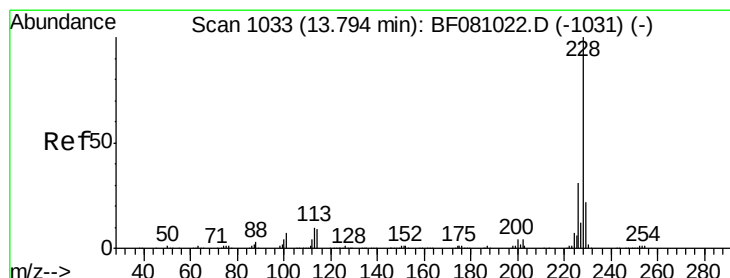
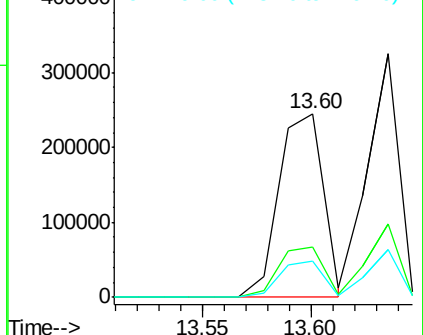
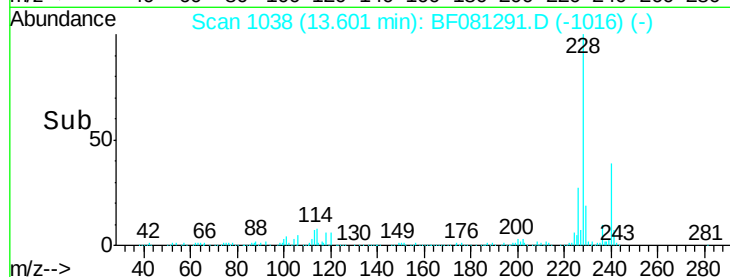
229 19.7 15.9 23.9



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



#82

Chrysene

Concen: 42.27 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081291.D

Acq: 30 Aug 2015 1:32

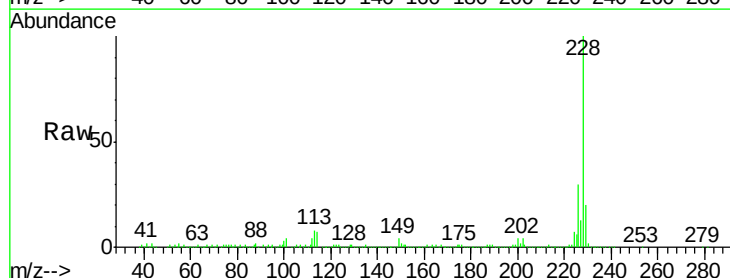
Tgt Ion:228 Resp: 322790

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

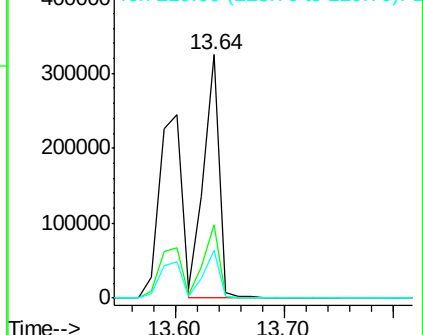
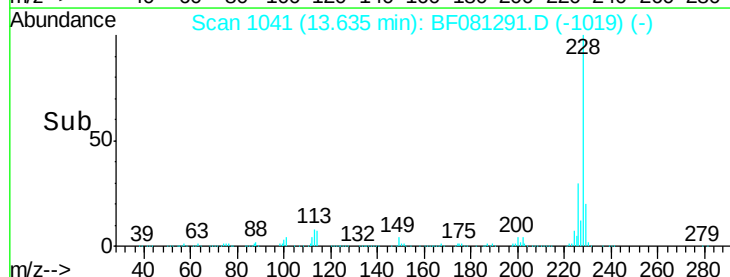
229 19.8 16.0 24.0

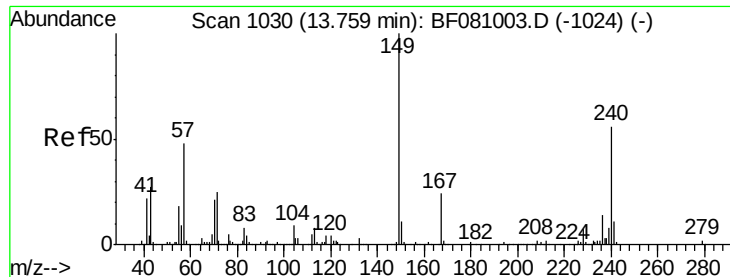


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

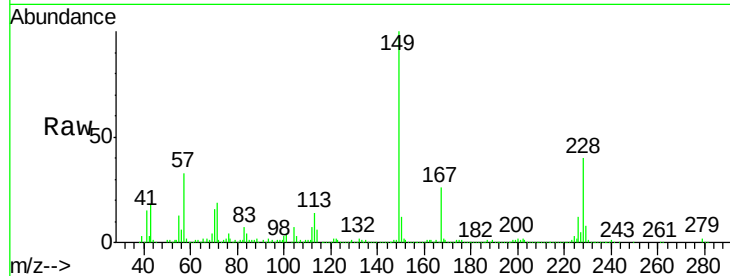




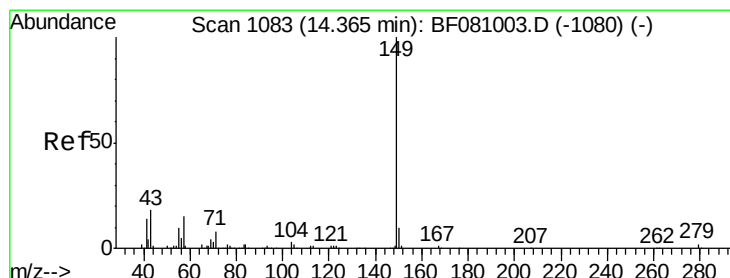
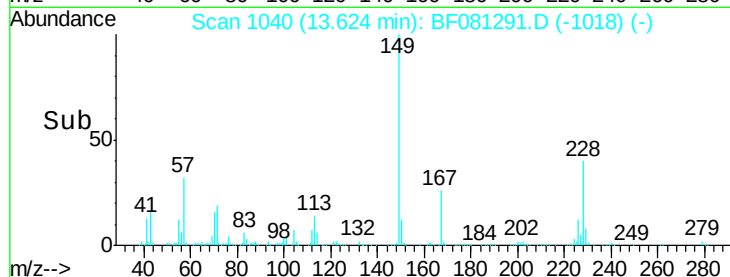
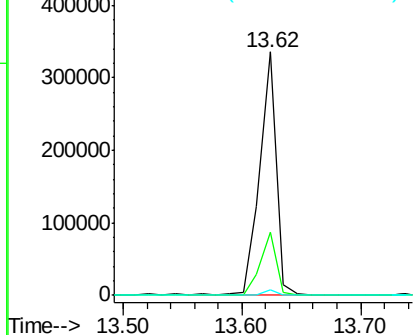
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.38 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 324500
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.7 31.1
 279 2.5 2.2 3.4

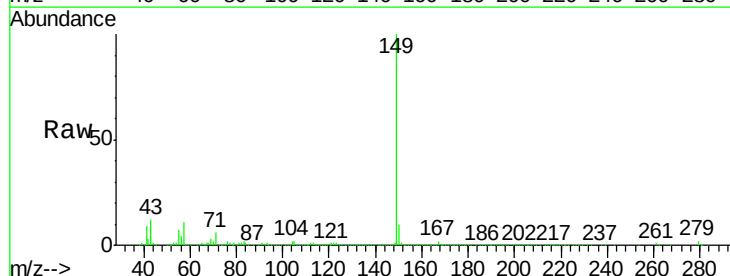


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

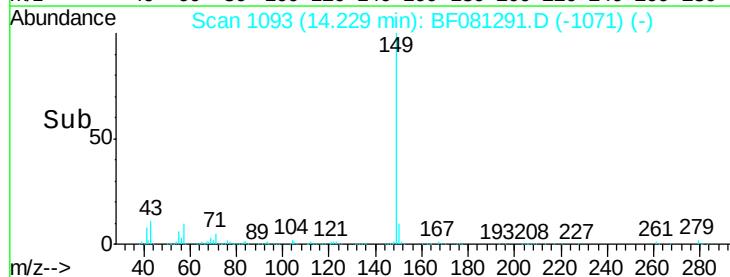
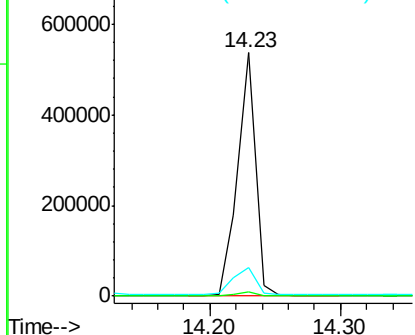


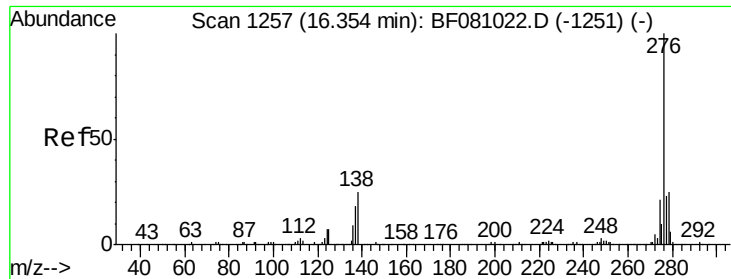
#84
 Di-n-octyl phthalate
 Concen: 59.26 ng
 RT: 14.23 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Tgt Ion:149 Resp: 509340
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 13.3 11.6 17.4



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

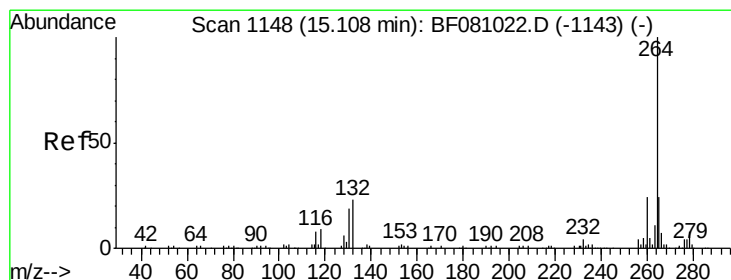
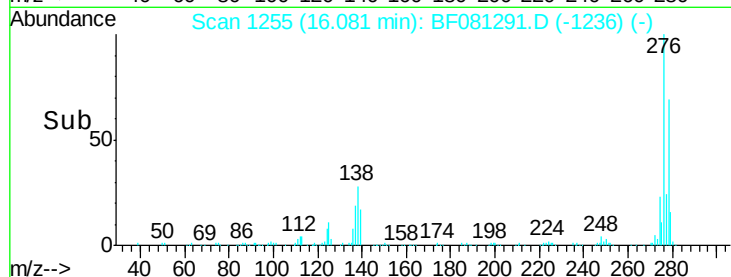
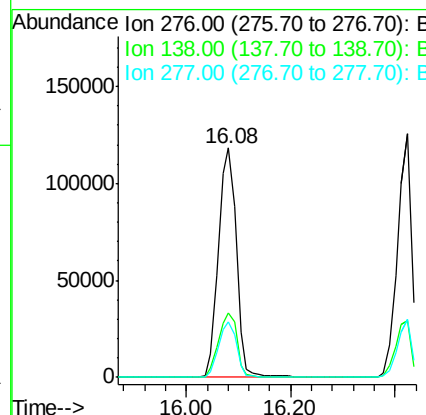
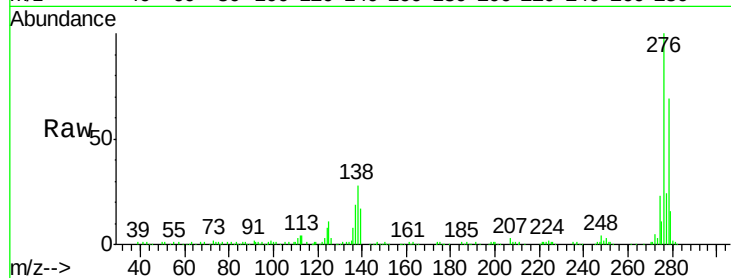




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.16 ng
RT: 16.08 min Scan# 1255
Delta R.T. -0.08 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

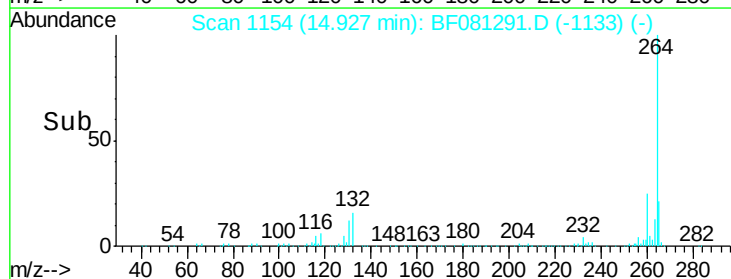
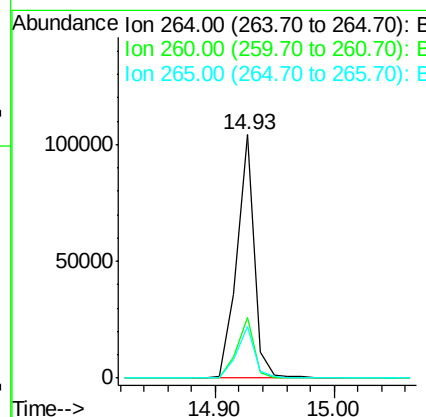
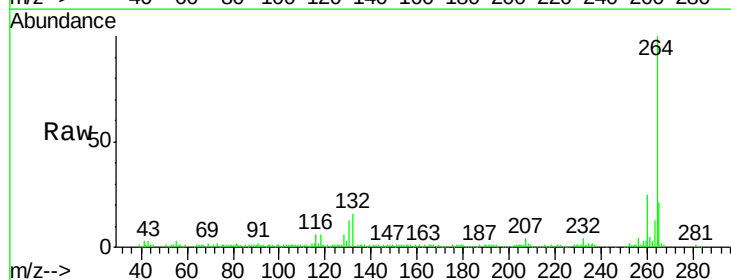
Instrument :
BNA_F
ClientSampleId :

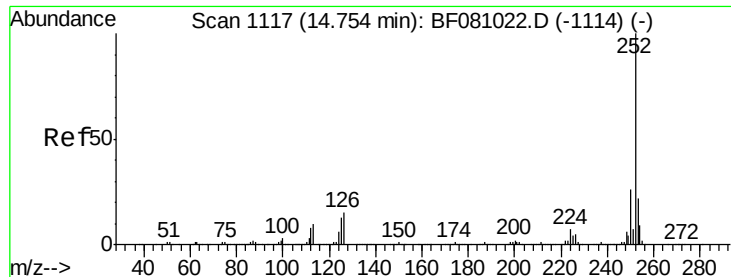
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.1	19.8	29.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.4	17.5	26.3

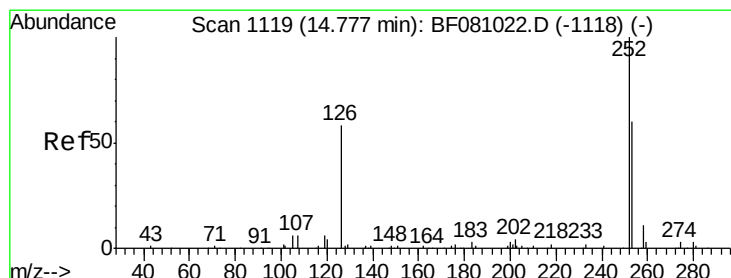
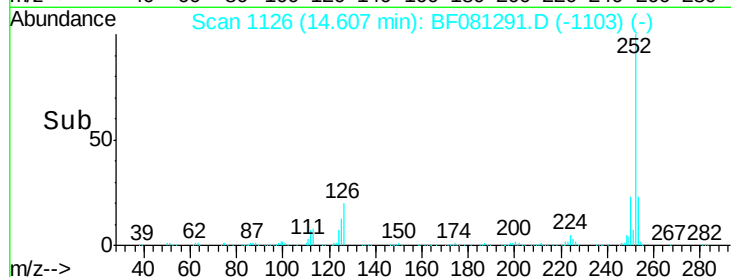
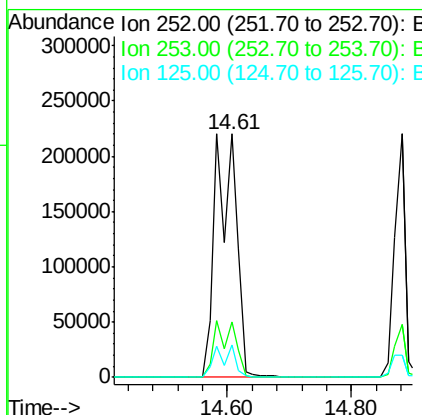
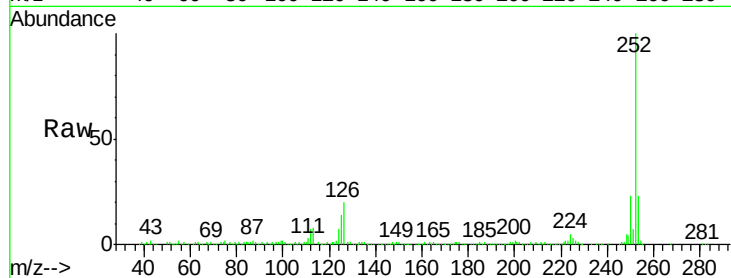




#87
Benzo(b)fluoranthene
Concen: 68.25 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

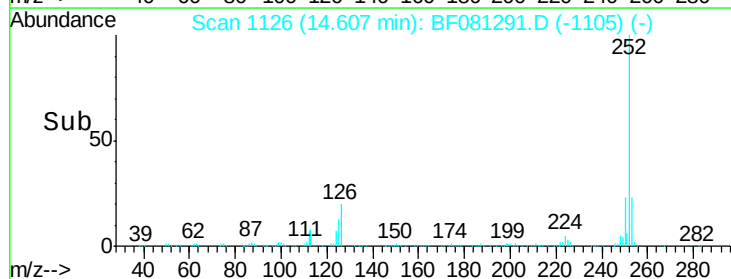
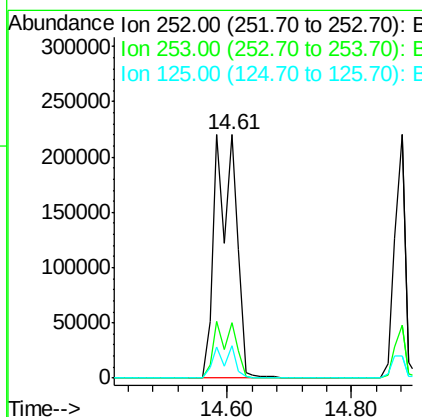
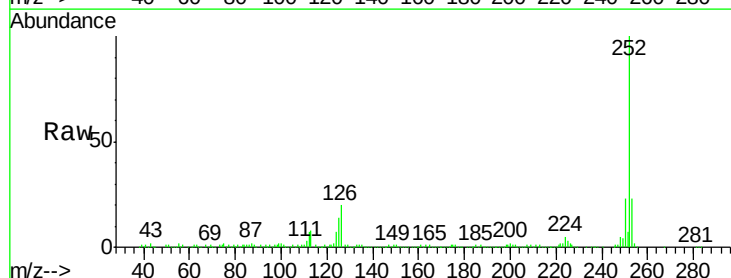
Instrument :
BNA_F
ClientSampled :

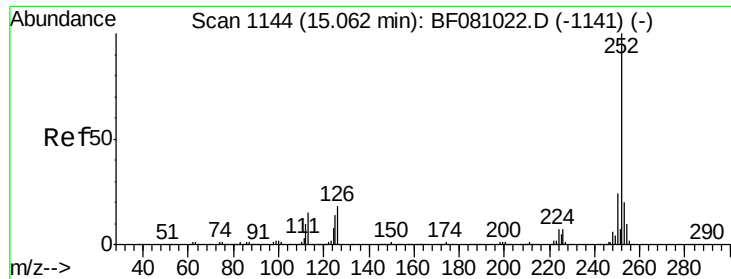
Tot Ion:252 Resp: 511809
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 13.5 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 73.25 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:252 Resp: 511809
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 13.5 10.3 15.5

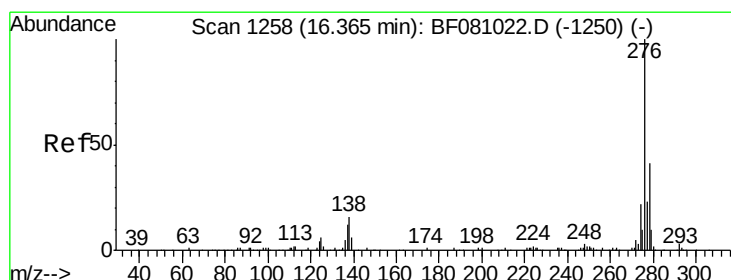
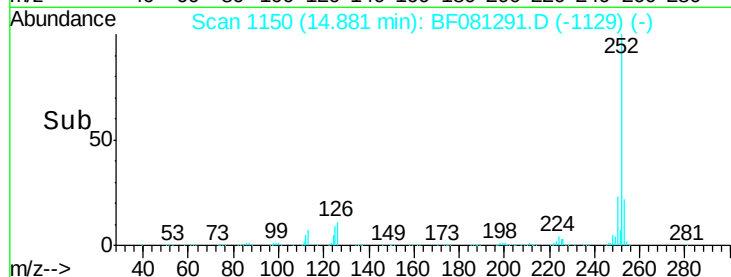
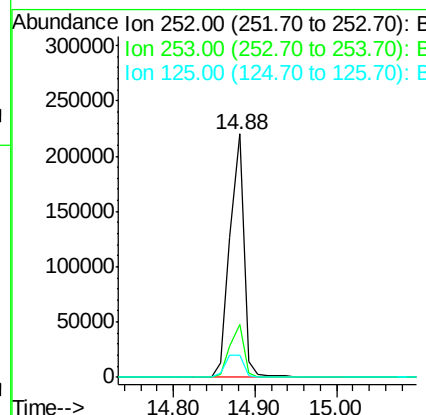
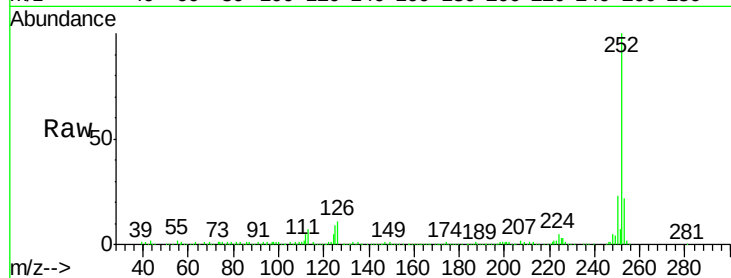




#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 14.88 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

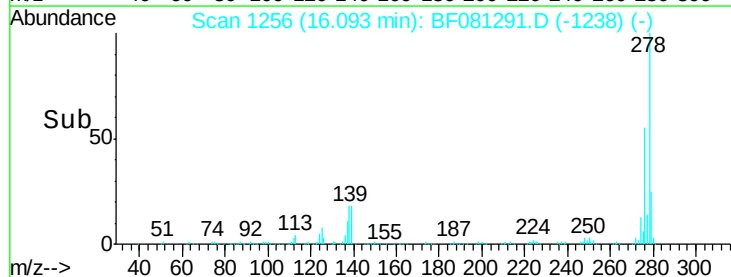
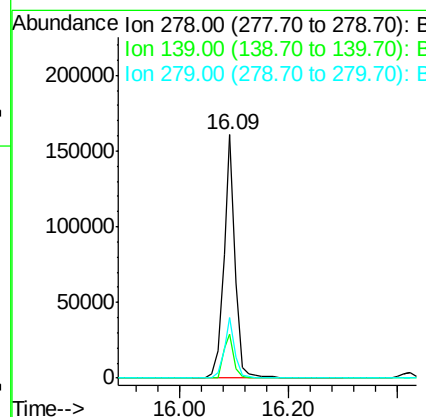
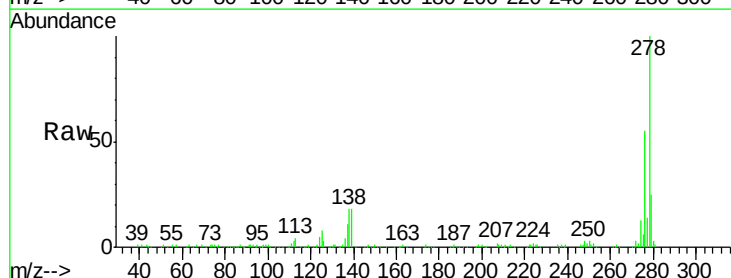
Instrument :
BNA_F
ClientSampleId :

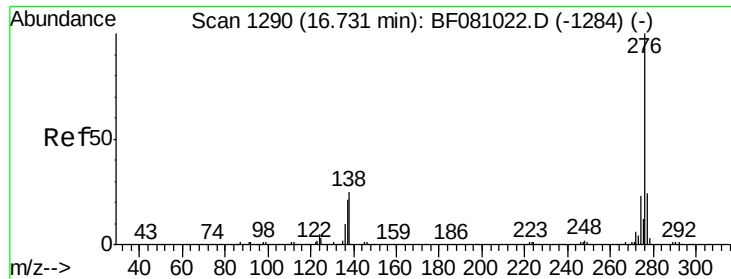
Tot Ion:252 Resp: 264581
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 9.1 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 46.53 ng
RT: 16.09 min Scan# 1256
Delta R.T. -0.09 min
Lab File: BF081291.D
Acq: 30 Aug 2015 1:32

Tgt Ion:278 Resp: 236904
Ion Ratio Lower Upper
278 100
139 18.2 10.8 16.2#
279 24.7 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.58 ng
 RT: 16.42 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF081291.D
 Acq: 30 Aug 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.2
138	23.1	13.7	20.5

