

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092488.D
 Acq On : 25 Jan 2017 20:35
 Operator : SJ/MA
 Sample : PB96313BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Quant Time: Jan 26 14:55:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157323	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619978	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	348759	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	596429	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	509293	20.00	ng	-0.01
86) Perylene-d12	15.63	264	437942	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	604825	59.81	ng	0.01
7) Phenol-d6	6.59	99	864315	67.10	ng	0.00
23) Nitrobenzene-d5	7.54	82	942248	83.02	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	181756	76.48	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1424347	75.52	ng	-0.01
78) Terphenyl-d14	13.10	244	1510462	78.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	176280	32.78	ng	# 84
3) Pyridine	3.45	79	450239	29.41	ng	# 84
4) n-Nitrosodimethylamine	3.40	42	253529	33.76	ng	82
6) Aniline	6.62	93	203430	10.59	ng	# 44
8) 2-Chlorophenol	6.75	128	412658	38.85	ng	94
9) Benzaldehyde	6.51	77	217533	23.80	ng	97
10) Phenol	6.60	94	589281	37.91	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	391254	33.64	ng	85
12) 1,3-Dichlorobenzene	6.91	146	452098	35.99	ng	98
13) 1,4-Dichlorobenzene	6.98	146	447885	35.43	ng	99
14) 1,2-Dichlorobenzene	7.14	146	436029	36.36	ng	97
15) Benzyl Alcohol	7.10	79	360976	37.19	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	801597	34.84	ng	94
17) 2-Methylphenol	7.22	107	364148	40.13	ng	94
18) Hexachloroethane	7.48	117	150349	34.52	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	296520	33.81	ng	92
20) 3+4-Methylphenols	7.37	107	429138	38.98	ng	92
22) Acetophenone	7.38	105	559767	37.91	ng	# 96
24) Nitrobenzene	7.55	77	431510	36.29	ng	100
25) Isophorone	7.79	82	834846	37.33	ng	95
26) 2-Nitrophenol	7.87	139	215611	43.28	ng	98
27) 2,4-Dimethylphenol	7.90	122	385420	37.20	ng	98
28) bis(2-Chloroethoxy)methane	8.01	93	534995	36.44	ng	99
29) 2,4-Dichlorophenol	8.11	162	345504	38.46	ng	89
30) 1,2,4-Trichlorobenzene	8.20	180	373604	38.48	ng	96
31) Naphthalene	8.28	128	1162590	36.64	ng	99
32) Benzoic acid	8.02	122	250429	33.86	ng	98
33) 4-Chloroaniline	8.33	127	89122	6.64	ng	98
34) Hexachlorobutadiene	8.41	225	197188	37.13	ng	98
35) Caprolactam	8.70	113	134243m	44.75	ng	
36) 4-Chloro-3-methylphenol	8.81	107	382039	39.44	ng	95
37) 2-Methylnaphthalene	8.98	142	792131	39.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	360576	40.99	ng	99
40) Hexachlorocyclopentadiene	9.14	237	363240	82.45	ng	97

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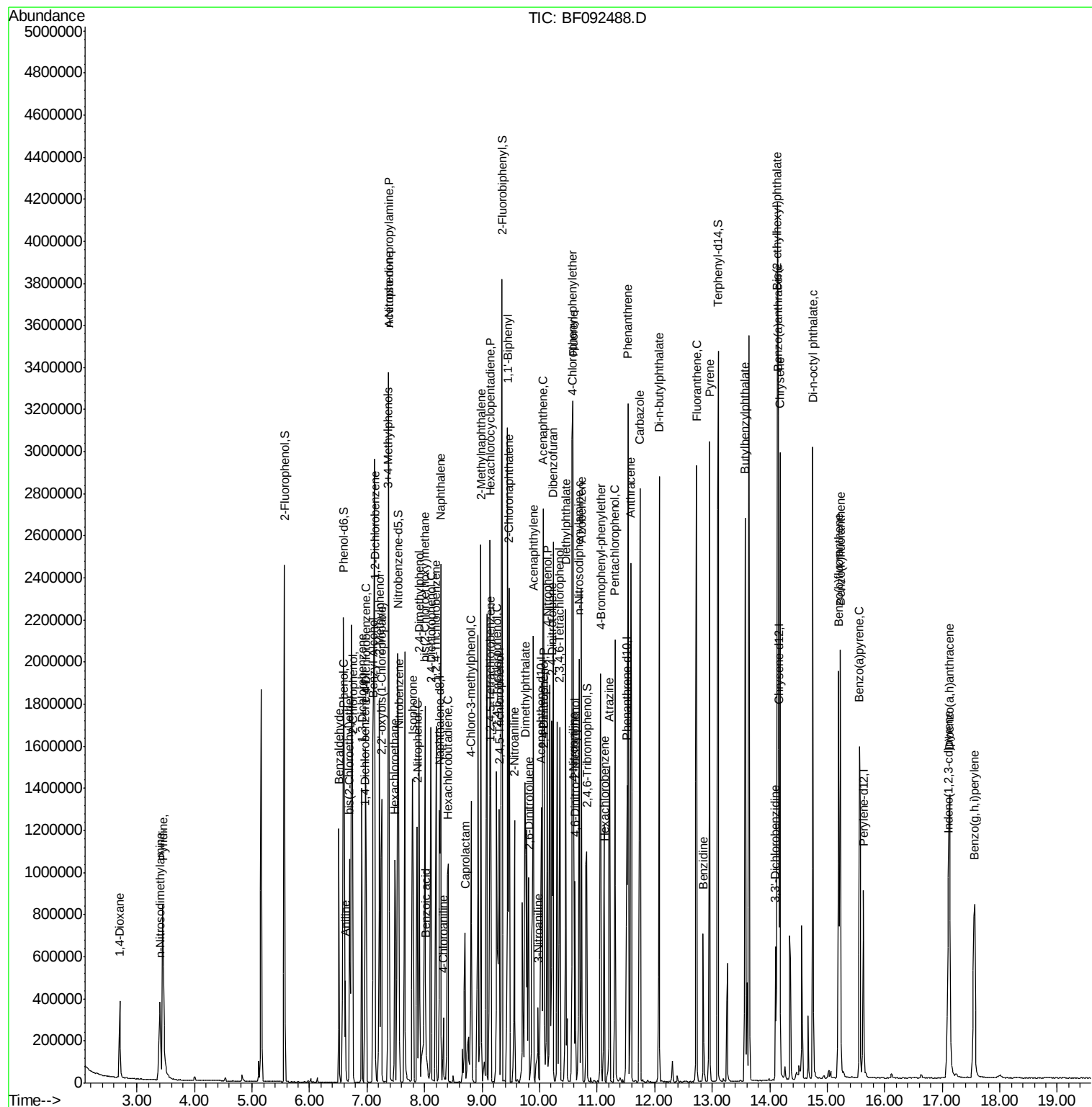
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	268733	39.87	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	257556	41.76	nq #	84
45) 1,1'-Biphenyl	9.45	154	981315	38.92	nq	97
46) 2-Chloronaphthalene	9.47	162	740888	35.98	nq	96
47) 2-Nitroaniline	9.56	65	241065	34.76	nq	92
48) Acenaphthylene	9.89	152	1254781	41.55	nq	98
49) Dimethylphthalate	9.74	163	878075	39.59	nq	98
50) 2,6-Dinitrotoluene	9.81	165	209721	46.26	nq #	82
51) Acenaphthene	10.06	154	821029	43.75	nq	99
52) 3-Nitroaniline	9.97	138	60266	10.62	nq	85
53) 2,4-Dinitrophenol	10.08	184	161222	62.35	nq #	49
54) Dibenzofuran	10.24	168	1107301	43.45	nq	94
55) 4-Nitrophenol	10.13	139	350193	77.67	nq	95
56) 2,4-Dinitrotoluene	10.21	165	291410	48.43	nq	90
57) Fluorene	10.58	166	825547	43.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	215999	46.75	nq	98
59) Diethylphthalate	10.45	149	906829	42.64	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	347339	37.90	nq	91
61) 4-Nitroaniline	10.59	138	196492	34.60	nq	94
62) Azobenzene	10.73	77	988867	40.86	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	121751	38.93	nq #	24
65) n-Nitrosodiphenylamine	10.68	169	715020	38.39	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	222769	36.99	nq	95
67) Hexachlorobenzene	11.13	284	228288	37.50	nq #	86
68) Atrazine	11.22	200	260037	40.79	nq	93
69) Pentachlorophenol	11.31	266	280395	72.05	nq	96
70) Phenanthrene	11.54	178	1215873	37.02	nq	99
71) Anthracene	11.58	178	1225867	38.19	nq	99
72) Carbazole	11.74	167	1229408	40.11	nq	98
73) Di-n-butylphthalate	12.08	149	1378999	39.35	nq #	97
74) Fluoranthene	12.73	202	1338048	41.65	nq	95
76) Benzidine	12.84	184	265039	14.02	nq	97
77) Pyrene	12.96	202	1329588	36.03	nq	99
79) Butylbenzylphthalate	13.57	149	586632	39.24	nq	97
80) Benzo(a)anthracene	14.15	228	1055884	38.58	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	143245	13.78	nq	98
82) Chrysene	14.18	228	1003962	34.35	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	735639	39.07	nq	100
84) Di-n-octyl phthalate	14.75	149	1487670	43.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.11	276	904474	41.82	nq	95
87) Benzo(b)fluoranthene	15.20	252	998694	35.52	nq	99
88) Benzo(k)fluoranthene	15.23	252	1000778m	42.81	nq	
89) Benzo(a)pyrene	15.56	252	958232	40.29	nq #	97
90) Dibenzo(a,h)anthracene	17.13	278	753155	39.16	nq	96
91) Benzo(g,h,i)perylene	17.56	276	754219	38.78	nq #	94

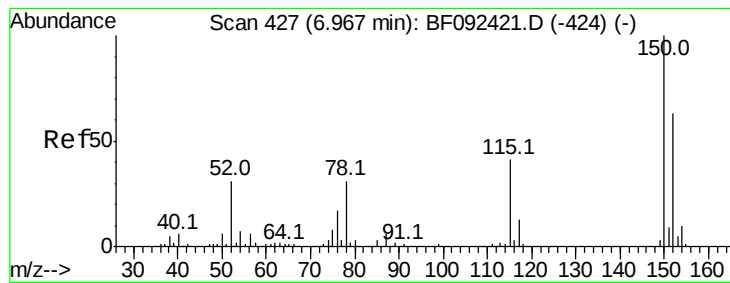
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

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Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

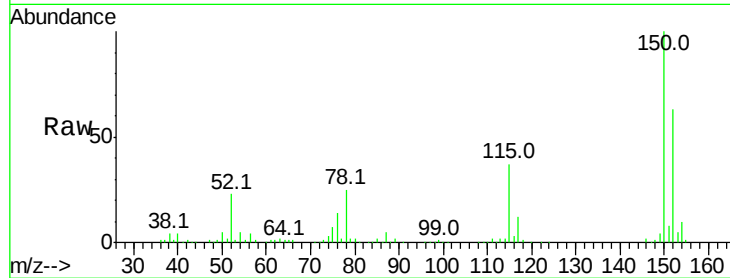
Tot Ion:152 Resp: 157323

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

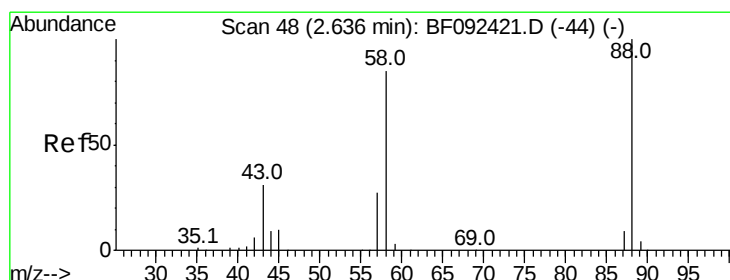
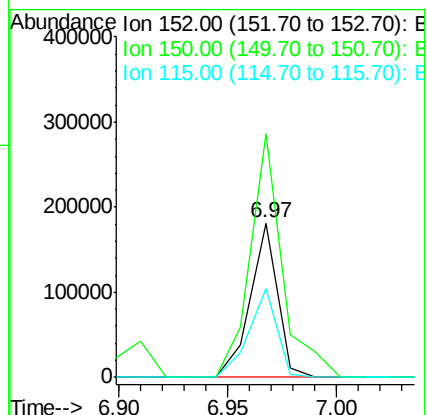
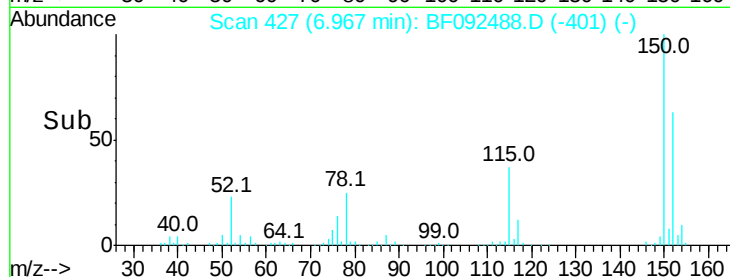
115 58.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.78 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.07 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

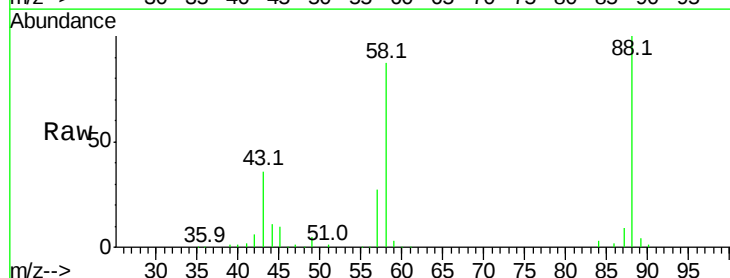
Tgt Ion: 88 Resp: 176280

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

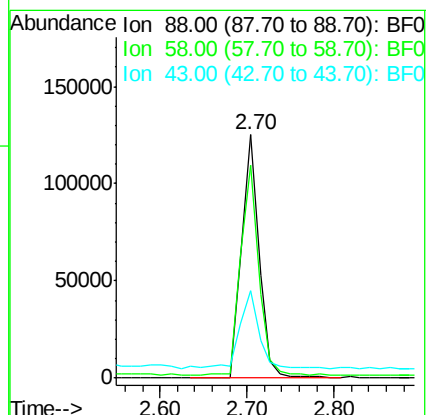
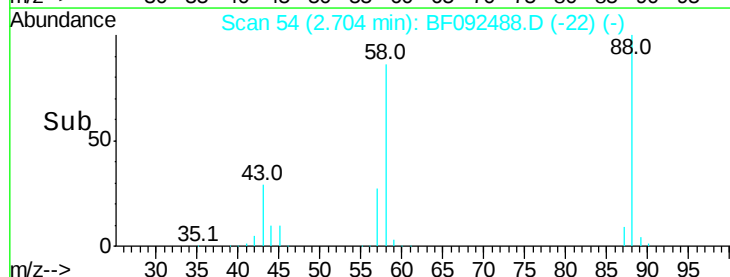
43 33.9 22.3 33.5#

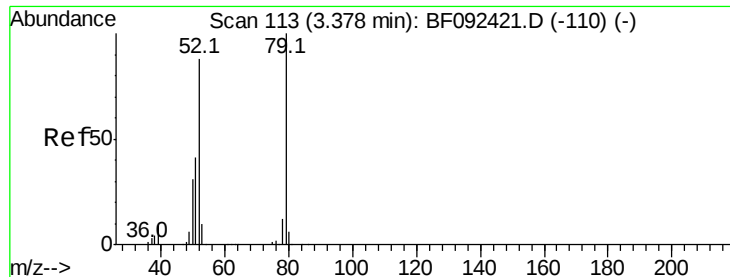


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.41 ng

RT: 3.45 min Scan# 119

Delta R.T. 0.07 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

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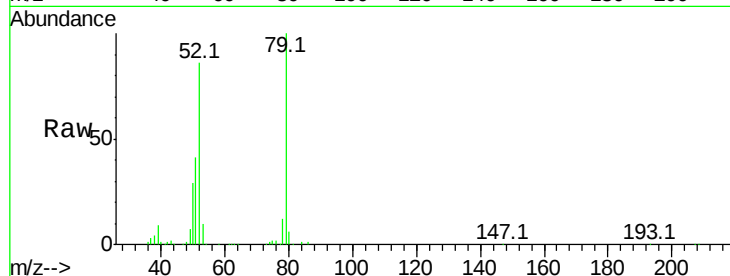
Tot Ion: 79 Resp: 450239

Ion Ratio Lower Upper

79 100

52 86.2 57.1 85.7#

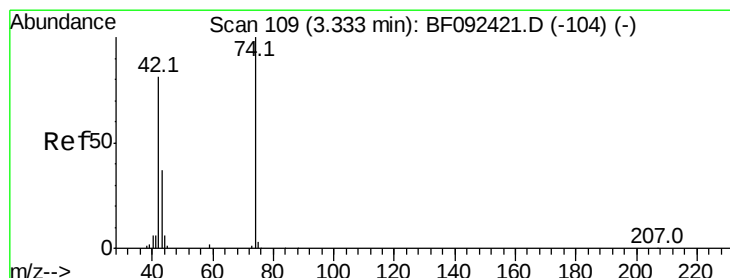
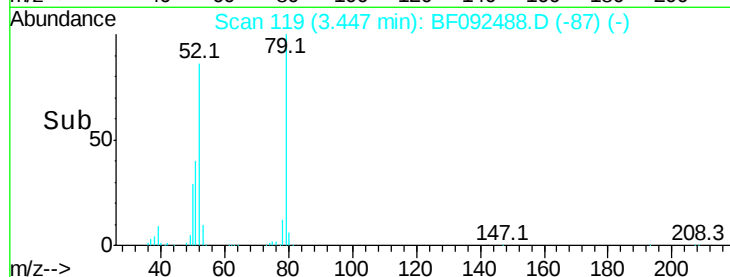
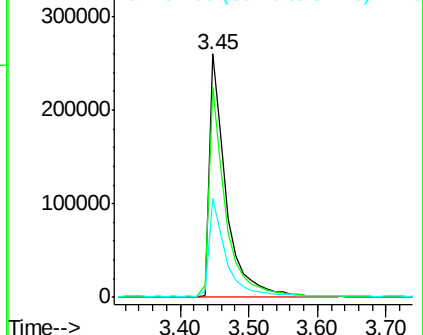
51 40.8 27.3 40.9



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: 33.76 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.07 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

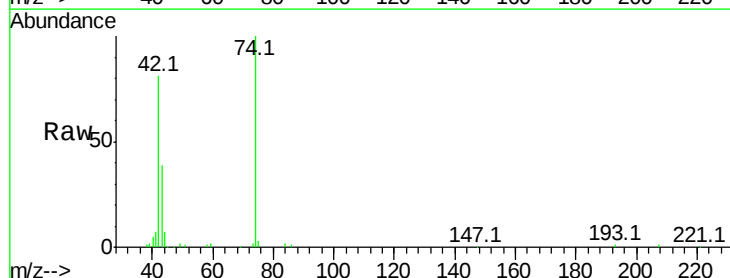
Tgt Ion: 42 Resp: 253529

Ion Ratio Lower Upper

42 100

74 123.4 117.0 175.4

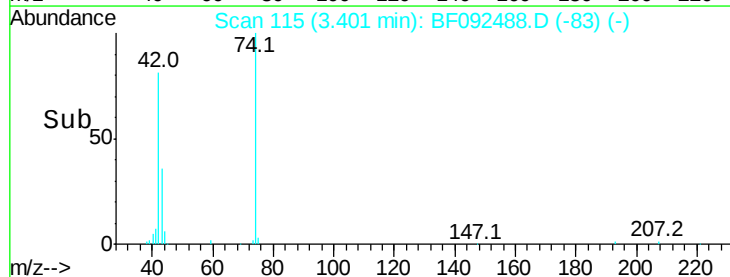
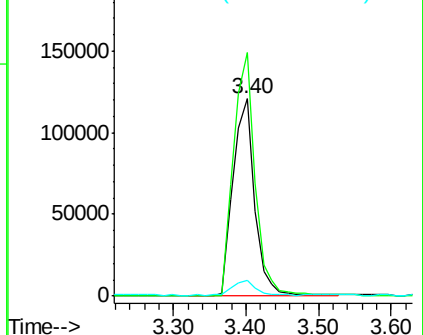
44 8.0 5.5 8.3

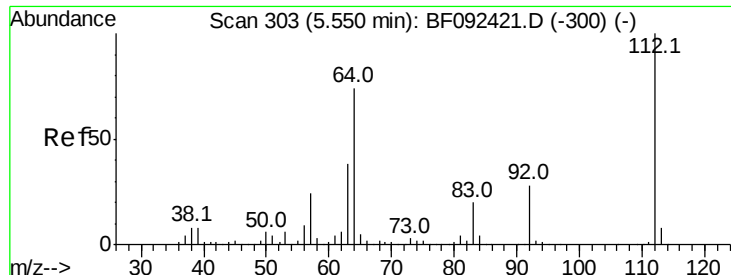


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 59.81 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

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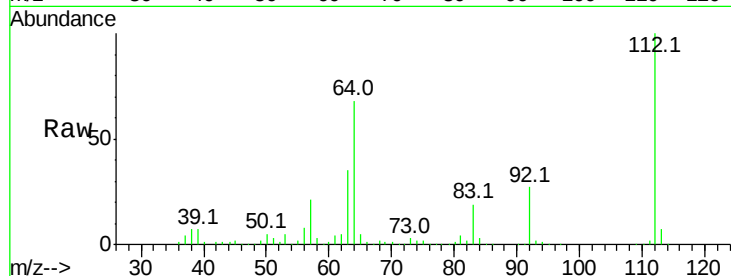
Tot Ion:112 Resp: 604825

Ion Ratio Lower Upper

112 100

64 68.4 46.1 69.1

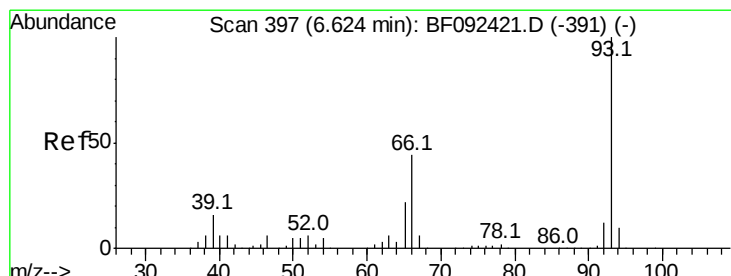
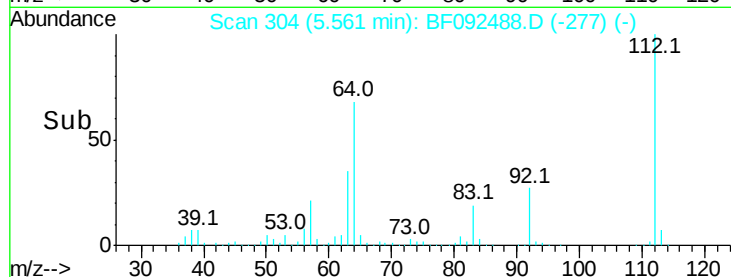
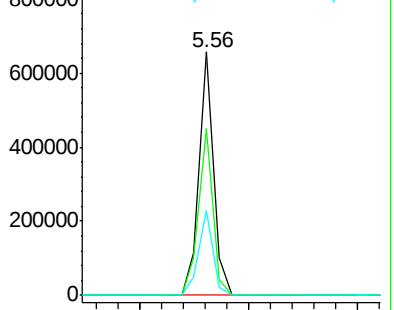
63 34.7 23.8 35.6



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: 10.59 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

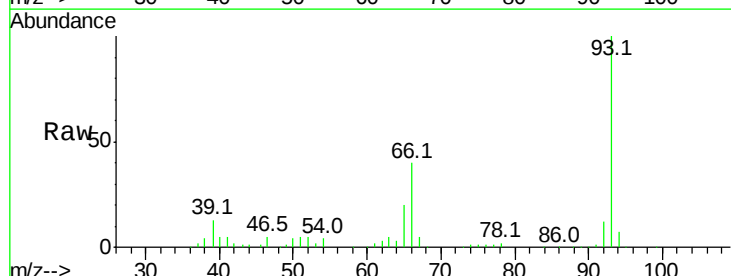
Tgt Ion: 93 Resp: 203430

Ion Ratio Lower Upper

93 100

66 40.4 76.2 114.2#

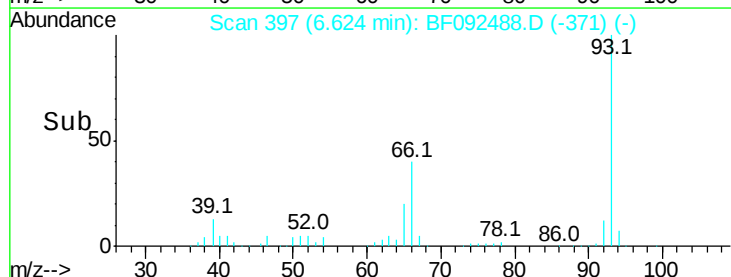
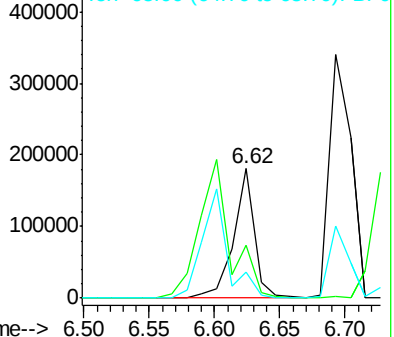
65 19.8 49.3 73.9#

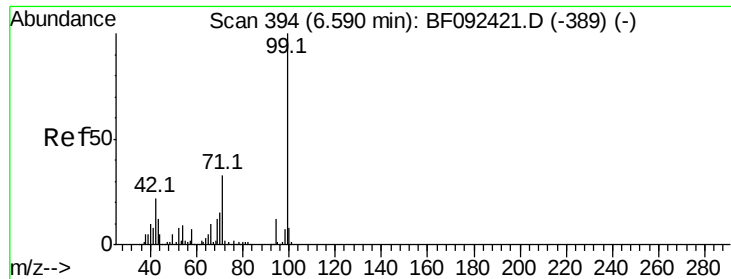


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 67.10 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

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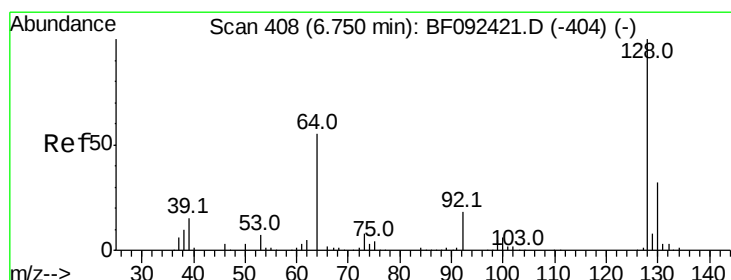
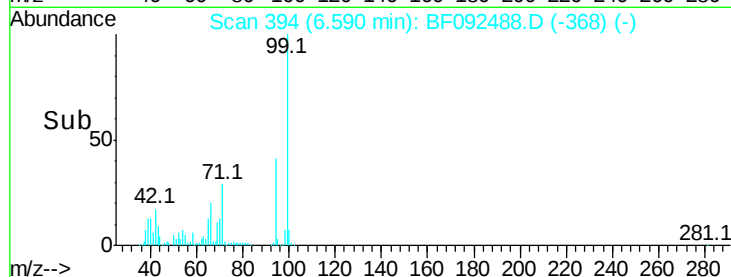
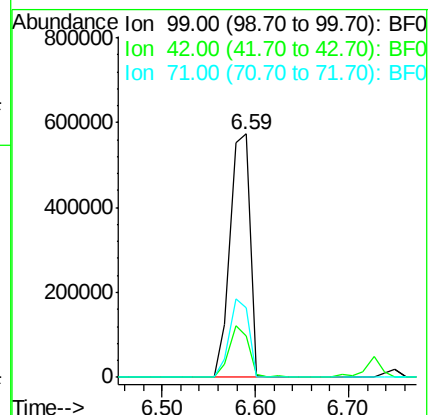
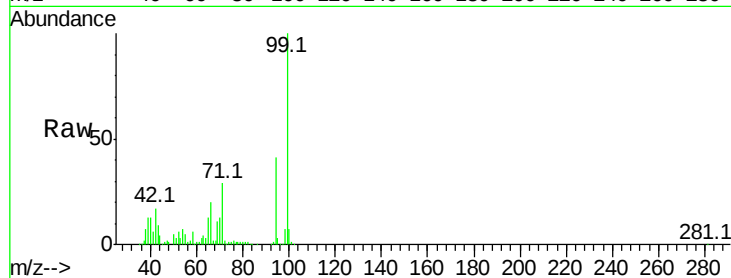
Tot Ion: 99 Resp: 864315

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 28.7 27.5 41.3



#8

2-Chlorophenol

Concen: 38.85 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

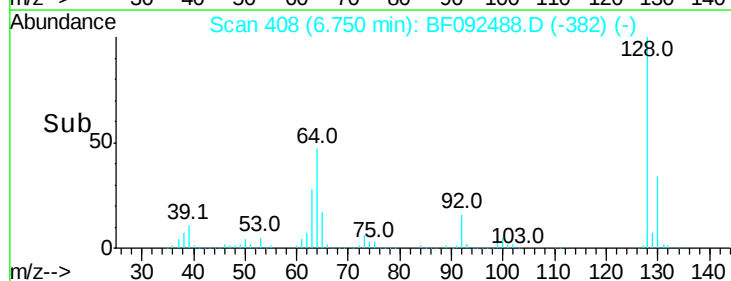
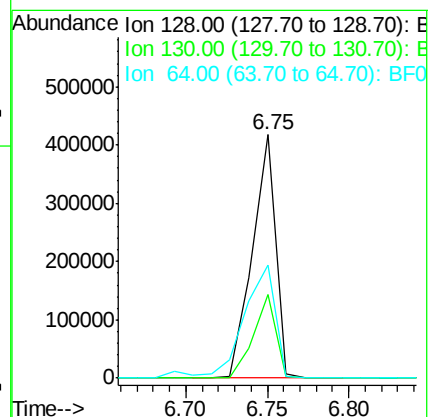
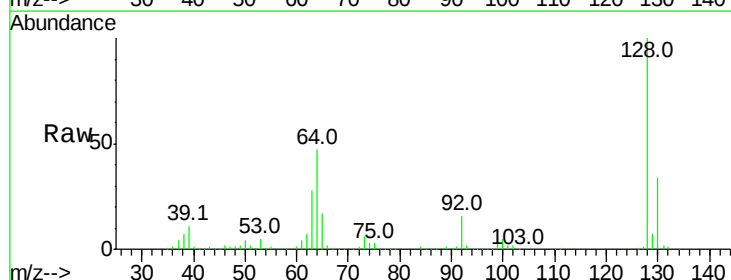
Tgt Ion: 128 Resp: 412658

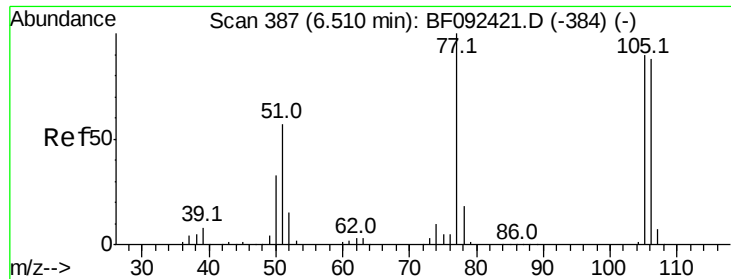
Ion Ratio Lower Upper

128 100

130 34.1 12.3 52.3

64 46.7 32.2 72.2





#9

Benzaldehyde

Concen: 23.80 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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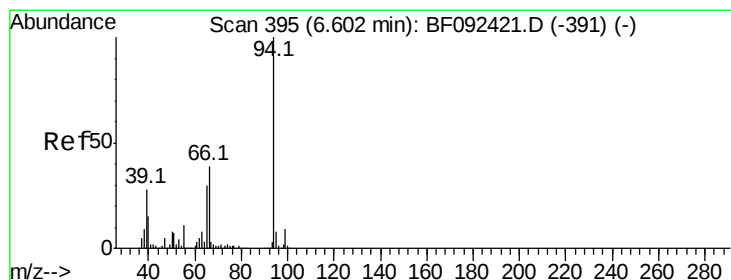
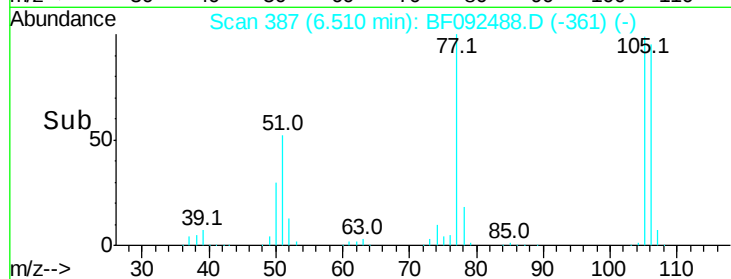
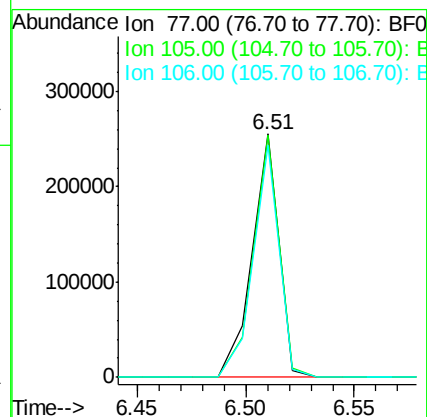
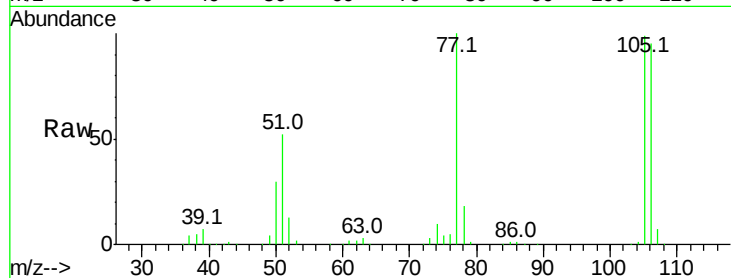
Tot Ion: 77 Resp: 217533

Ion Ratio Lower Upper

77 100

105 99.5 83.9 123.9

106 95.3 77.6 117.6



#10

Phenol

Concen: 37.91 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

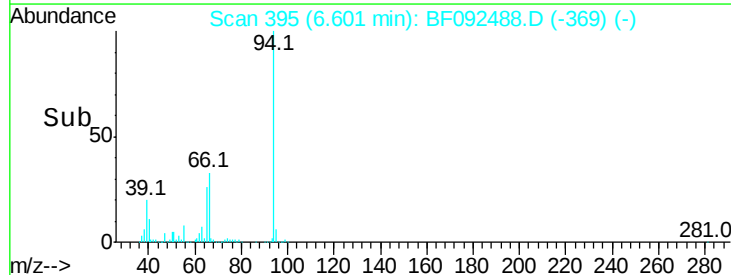
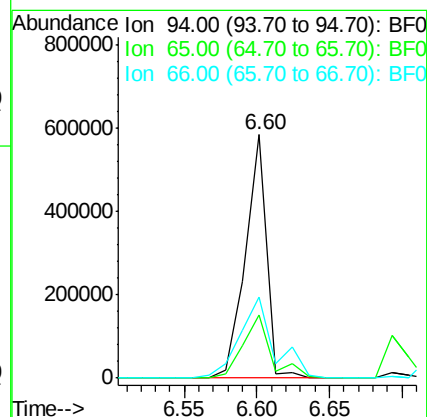
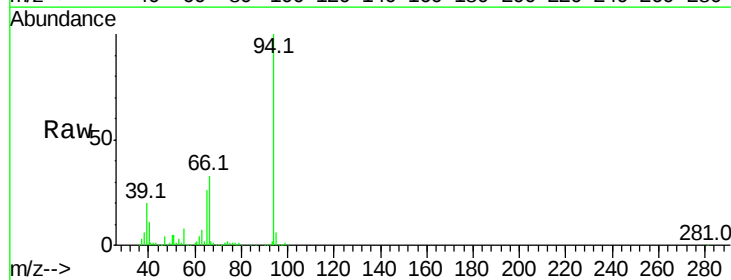
Tgt Ion: 94 Resp: 589281

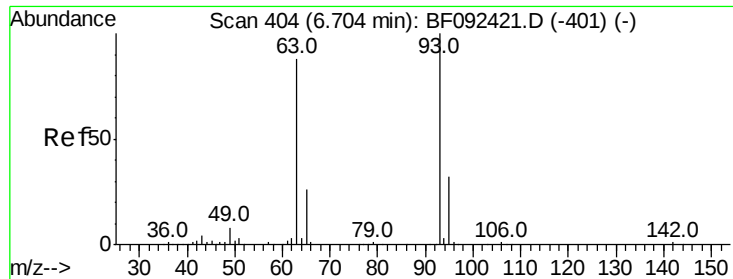
Ion Ratio Lower Upper

94 100

65 26.1 21.4 61.4

66 33.2 44.0 84.0#

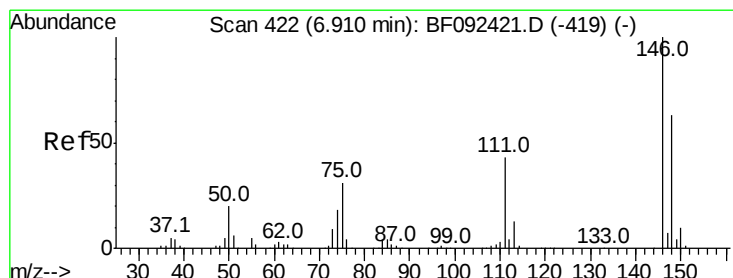
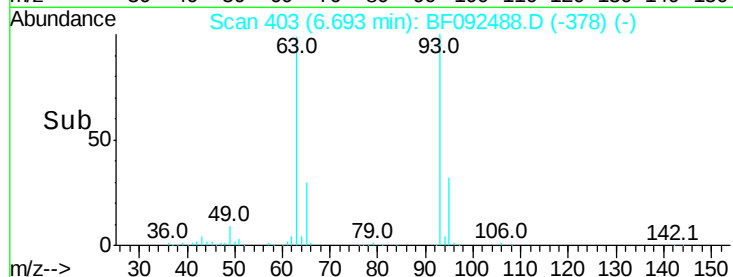
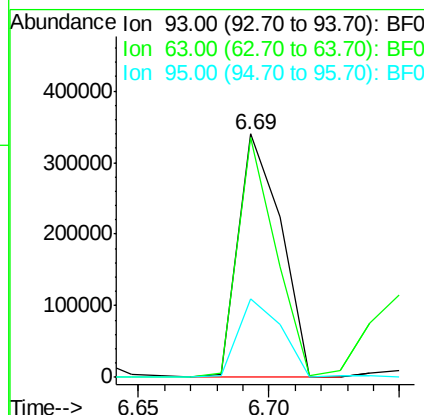
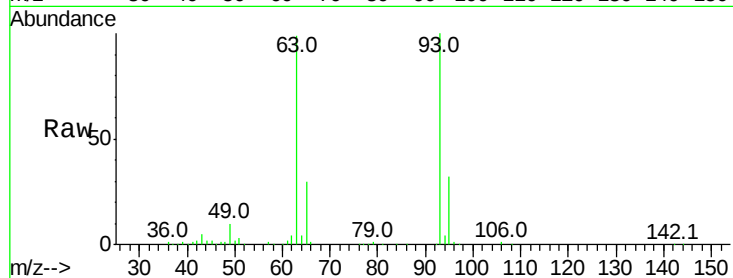




#11
bis(2-Chloroethyl)ether
Concen: 33.64 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

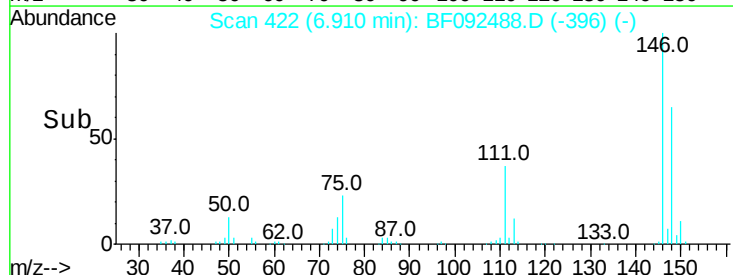
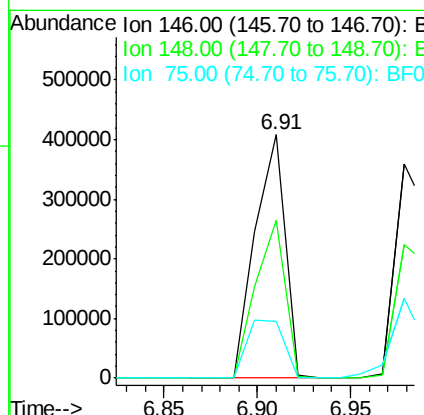
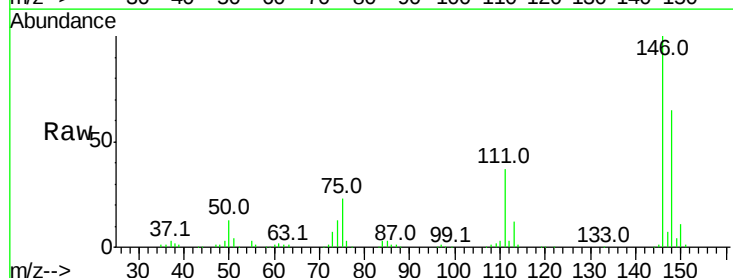
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

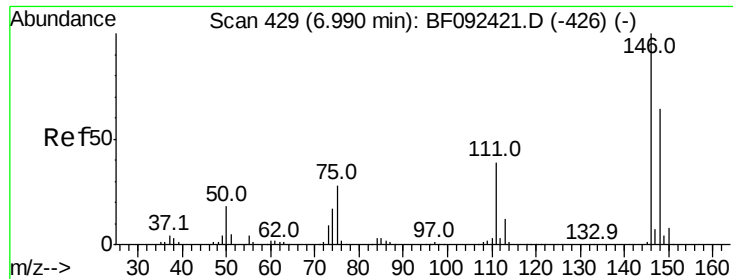
Tot Ion: 93 Resp: 391254
Ion Ratio Lower Upper
93 100
63 98.7 60.4 100.4
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.99 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion: 146 Resp: 452098
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 23.2 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 35.43 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

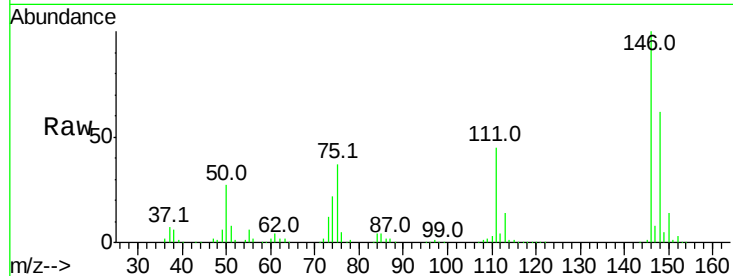
Tot Ion:146 Resp: 447885

Ion Ratio Lower Upper

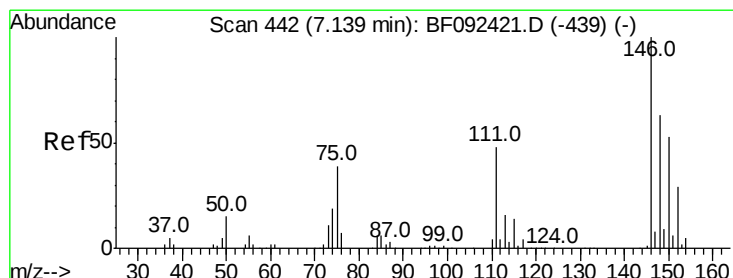
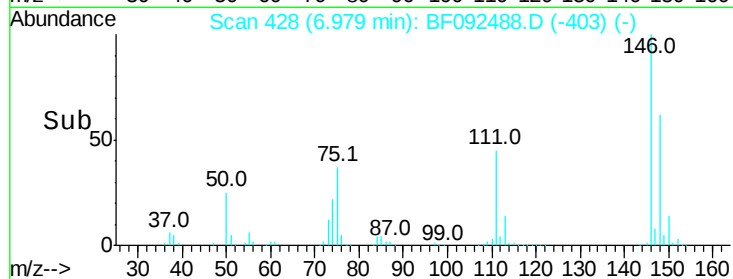
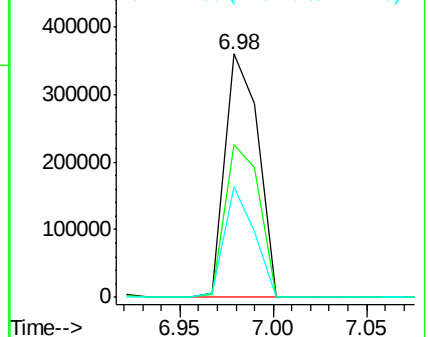
146 100

148 62.5 50.6 76.0

111 45.1 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 36.36 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

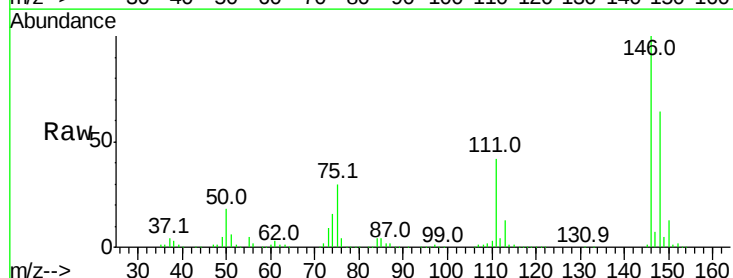
Tgt Ion:146 Resp: 436029

Ion Ratio Lower Upper

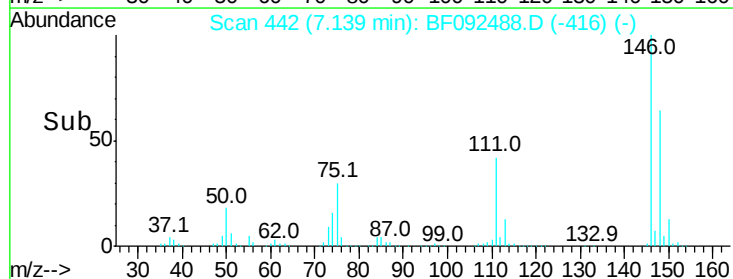
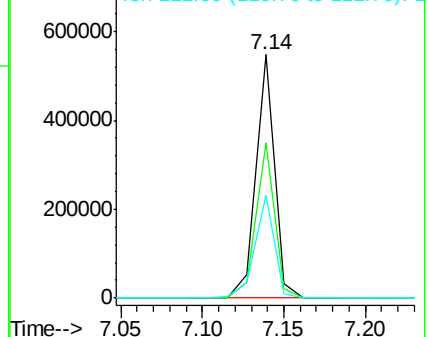
146 100

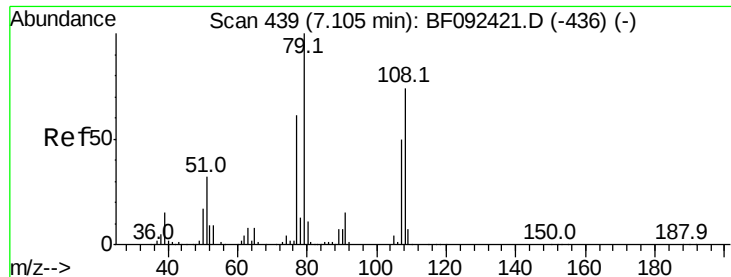
148 63.9 52.2 78.2

111 42.3 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampled :

PB96313BSD

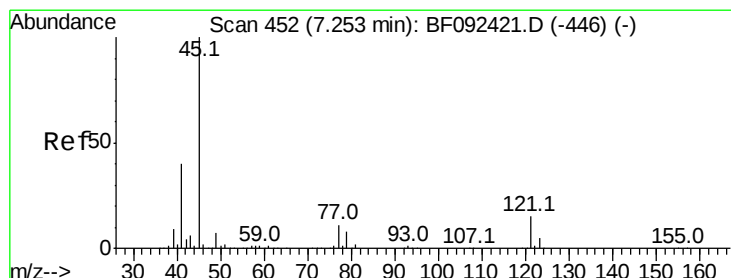
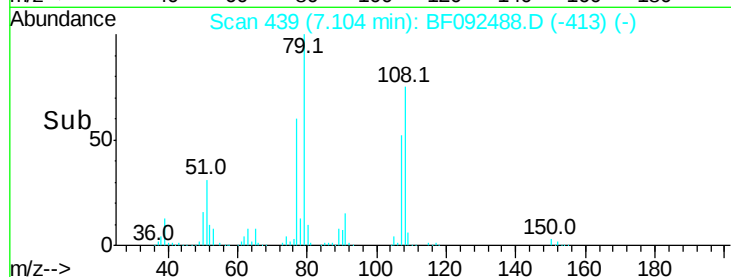
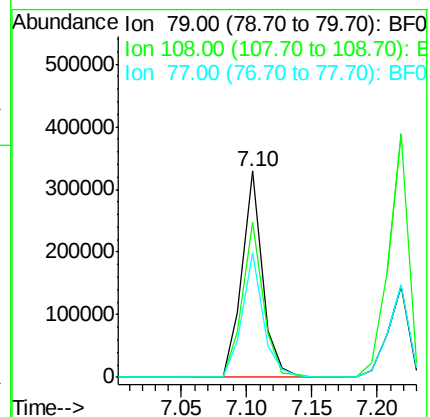
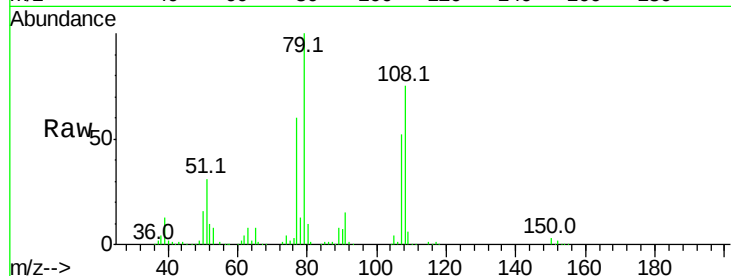
Tot Ion: 79 Resp: 360976

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.0

77 60.4 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.84 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

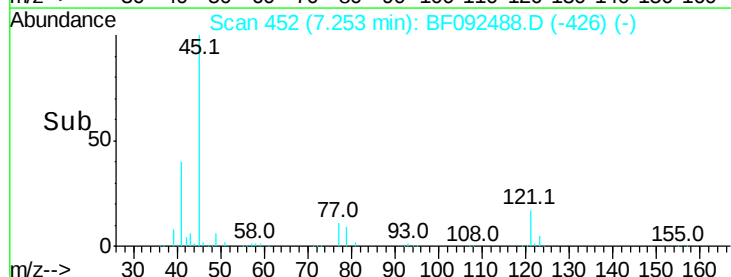
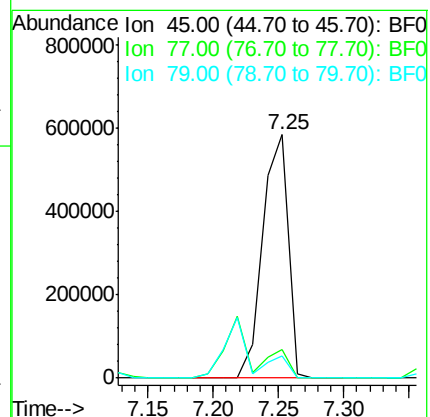
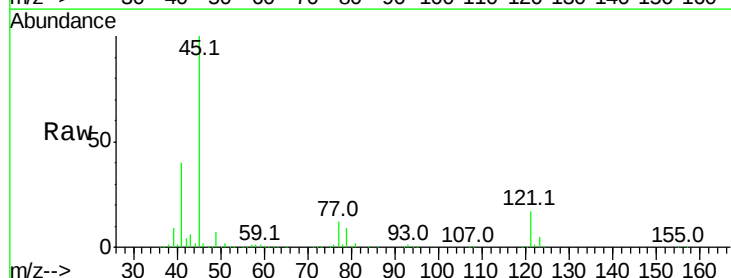
Tgt Ion: 45 Resp: 801597

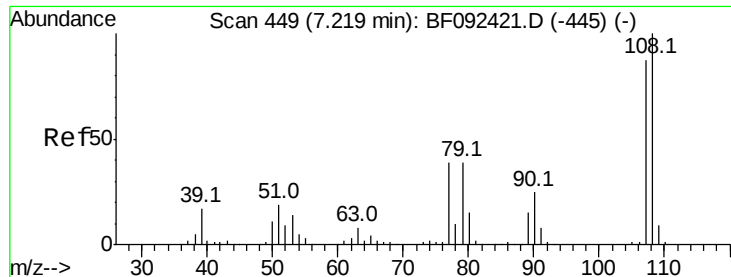
Ion Ratio Lower Upper

45 100

77 11.6 0.0 34.6

79 9.2 0.0 31.2

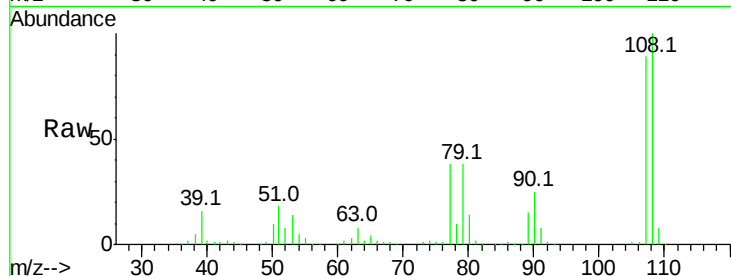




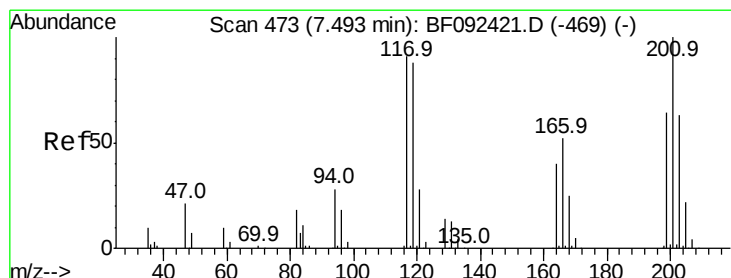
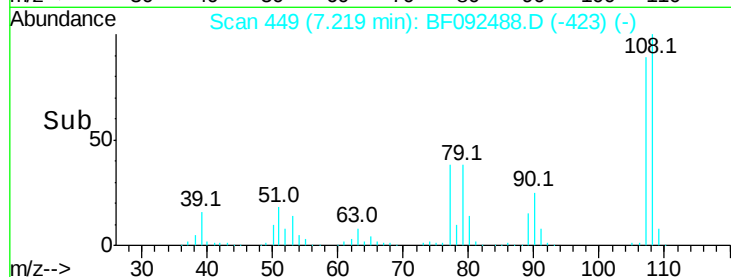
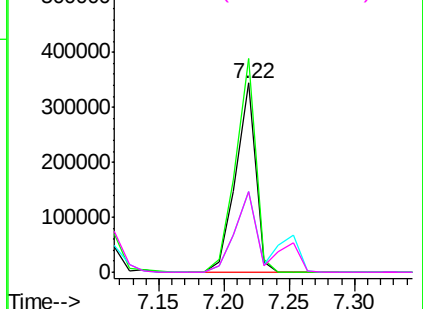
#17
2-Methylphenol
Concen: 40.13 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.0	139.6
77	42.9	39.8	59.8
79	42.5	38.0	57.0

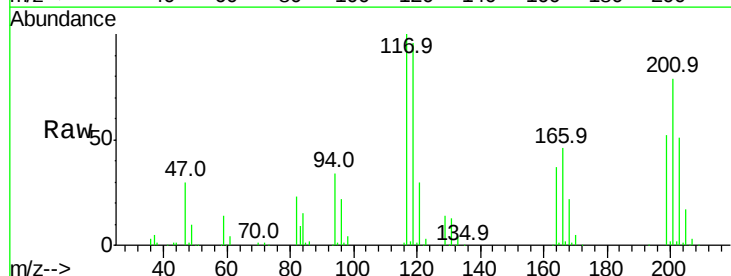


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

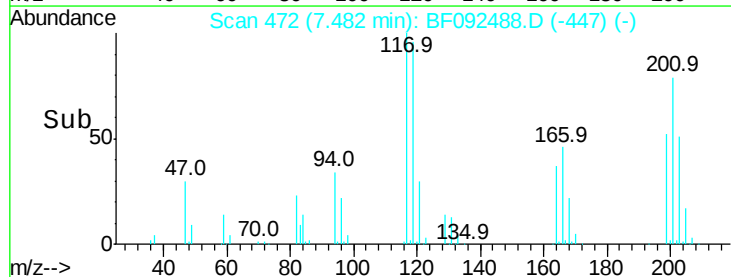
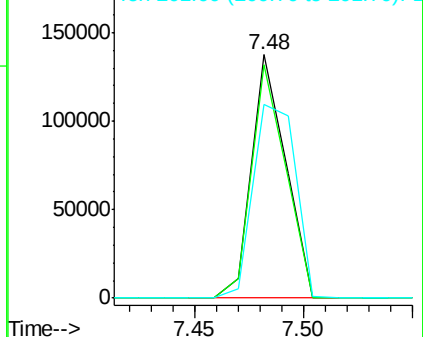


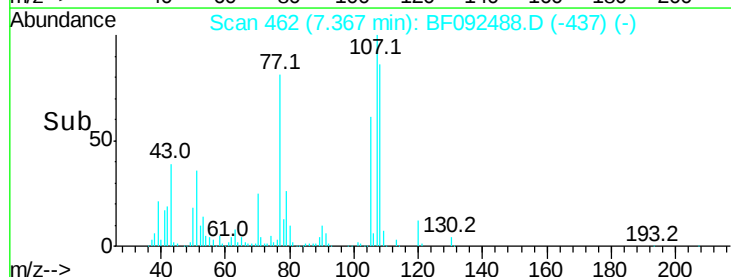
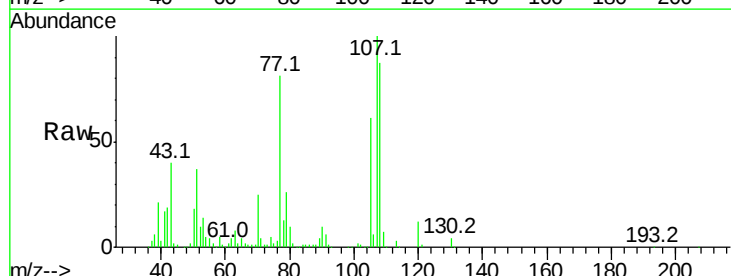
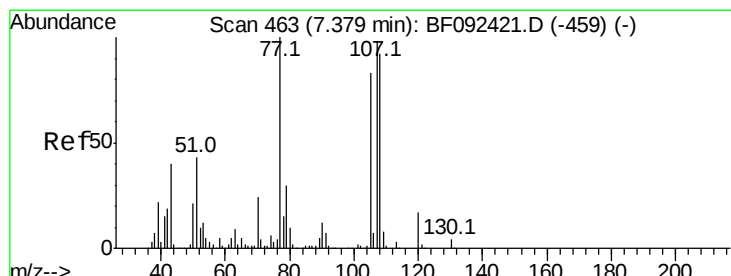
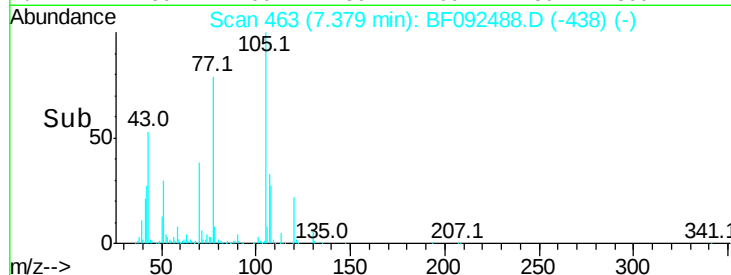
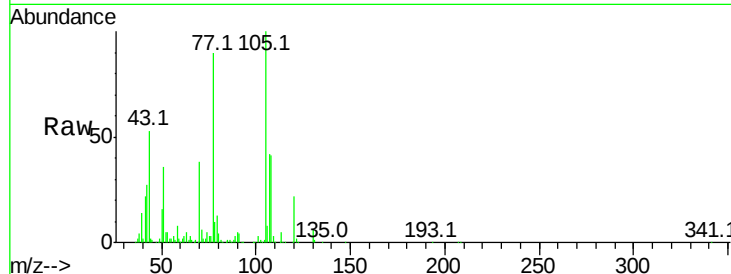
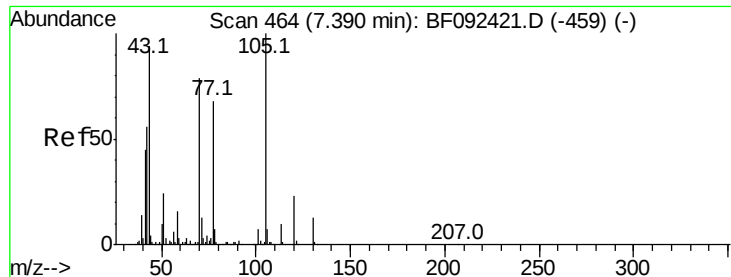
#18
Hexachloroethane
Concen: 34.52 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	79.4	78.6	117.8



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

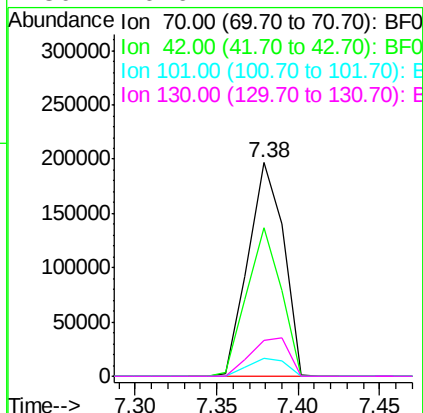




#19
n-Nitroso-di-n-propylamine
Concen: 33.81 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

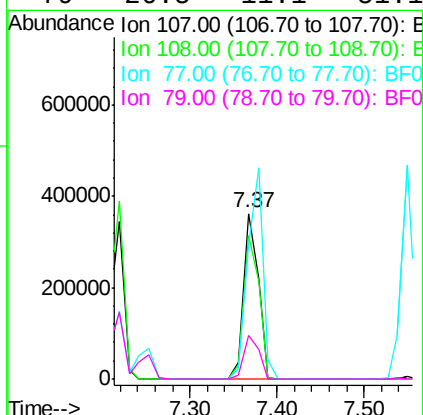
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

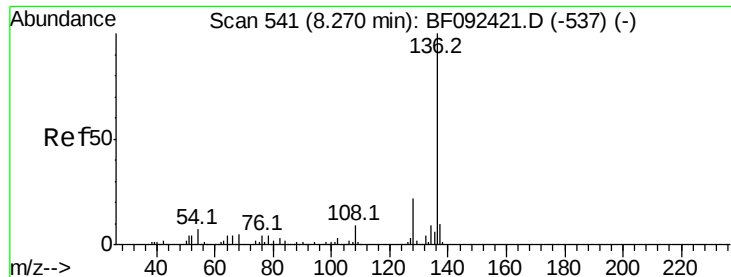
Tot Ion:	70	Resp:	296520
Ion	Ratio	Lower	Upper
70	100		
42	69.7	49.4	74.0
101	8.3	7.4	11.2
130	16.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 38.98 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:	107	Resp:	429138
Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.0	113.0
77	81.5	71.3	111.3
79	26.5	11.1	51.1

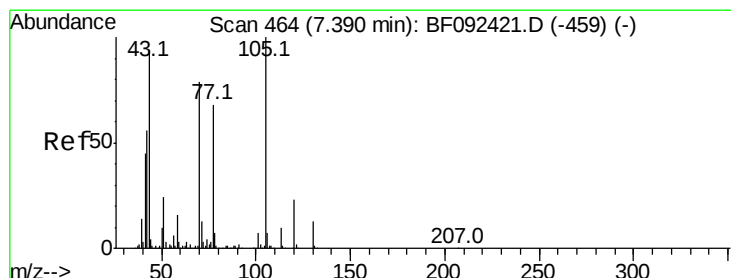
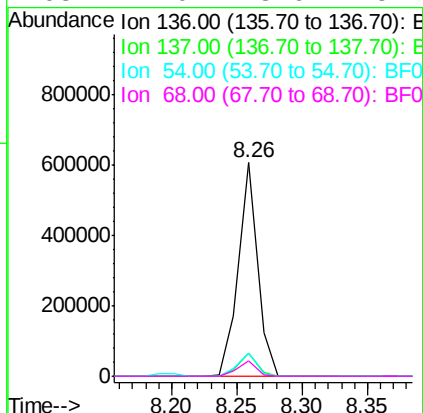
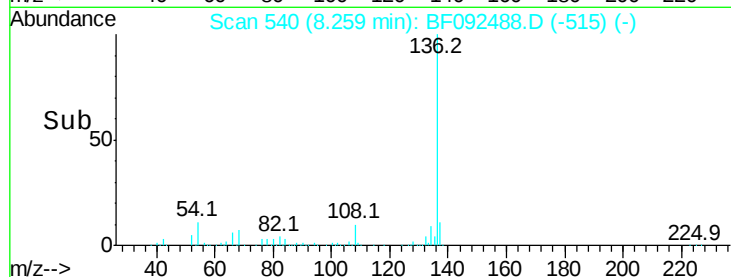
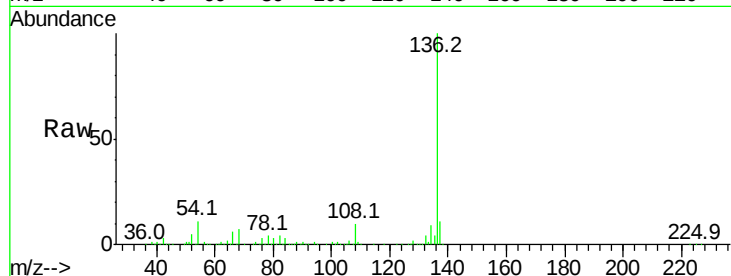




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

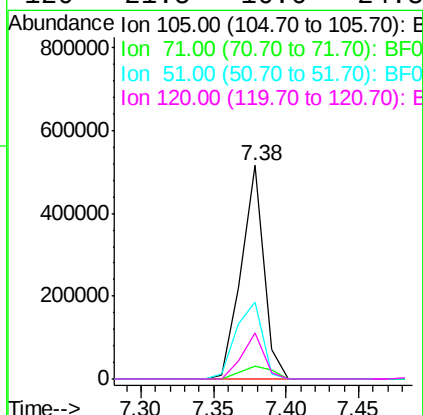
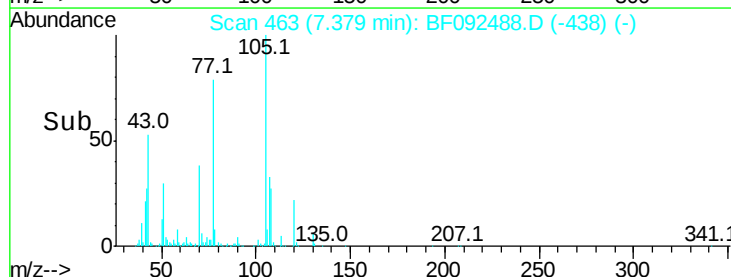
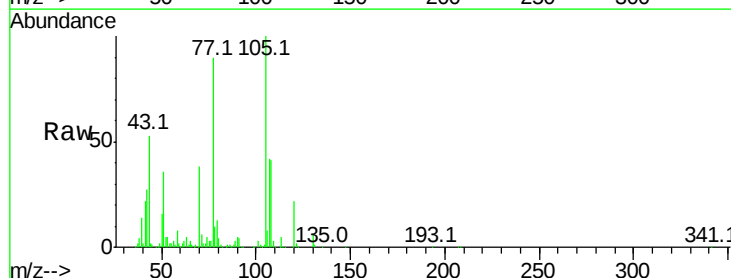
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

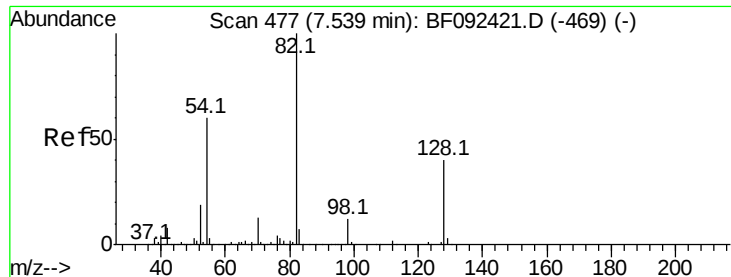
Tot Ion:136	Resp: 619978
Ion Ratio	Lower Upper
136 100	
137 11.0	8.4 12.6
54 10.8	4.5 6.7#
68 7.0	3.6 5.4#



#22
Acetophenone
Concen: 37.91 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt	Ion:105	Resp:	559767
Ion	Ratio	Lower	Upper
105	100		
71	6.2	3.2	4.8#
51	36.1	26.2	39.4
120	21.5	16.6	24.8

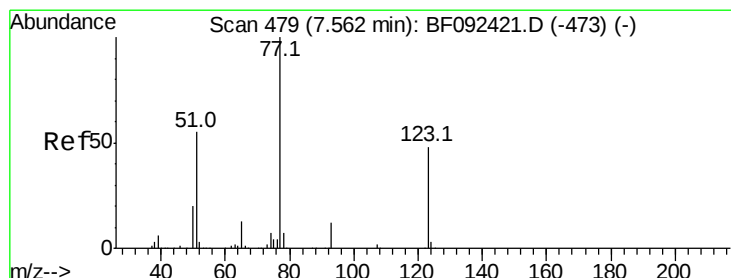
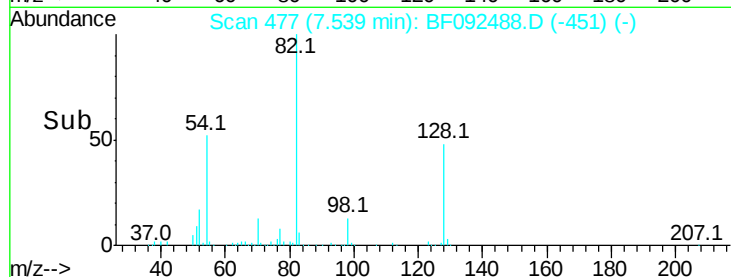
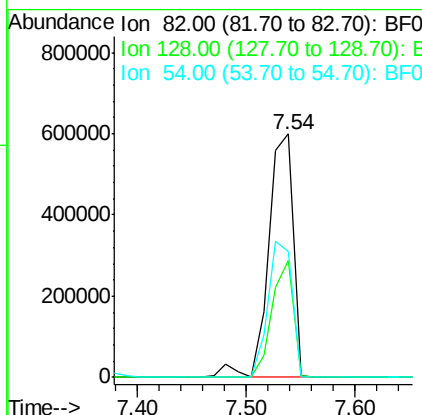
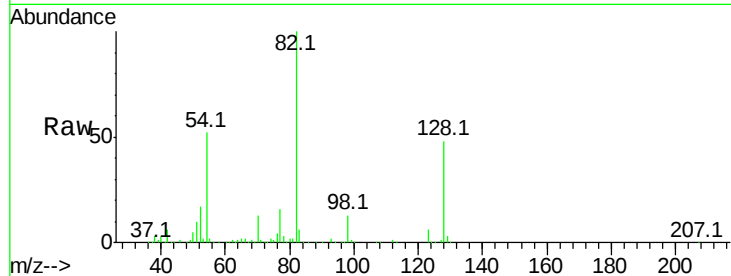




#23
 Nitrobenzene-d5
 Concen: 83.02 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

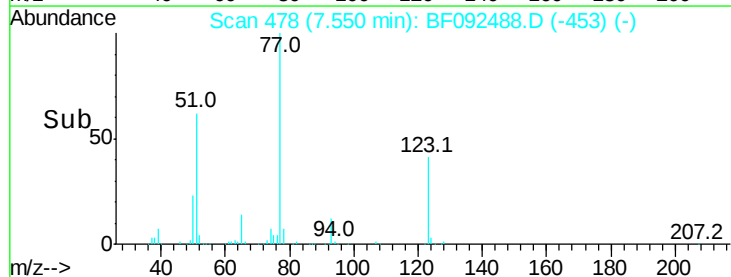
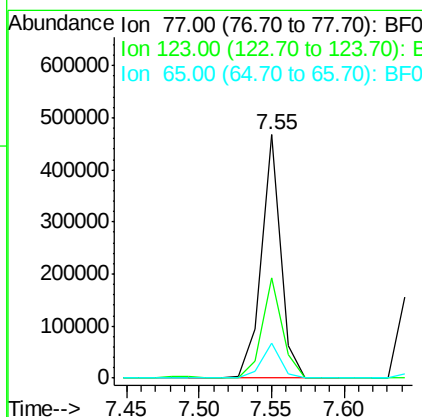
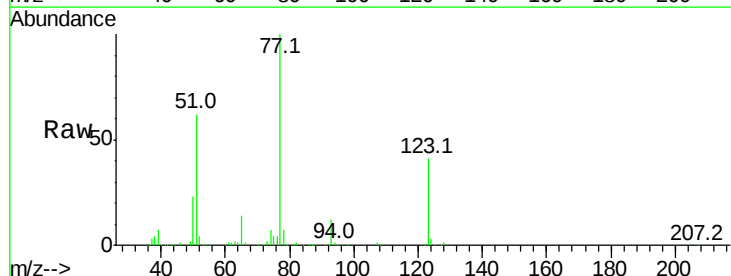
Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

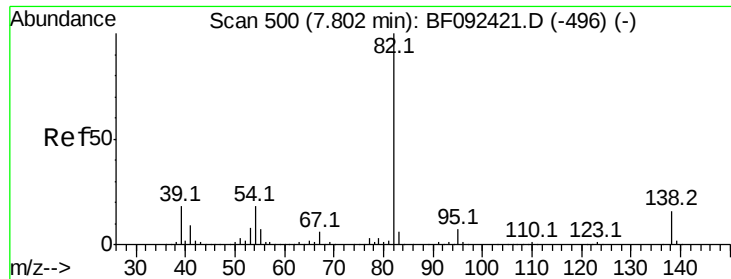
Tot Ion	82	Resp	942248
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.6	52.0
54	51.8	39.5	59.3



#24
 Nitrobenzene
 Concen: 36.29 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion	77	Resp	431510
Ion Ratio	Lower	Upper	
77	100		
123	41.2	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 37.33 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

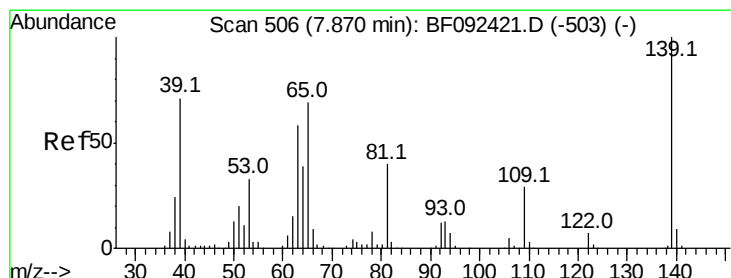
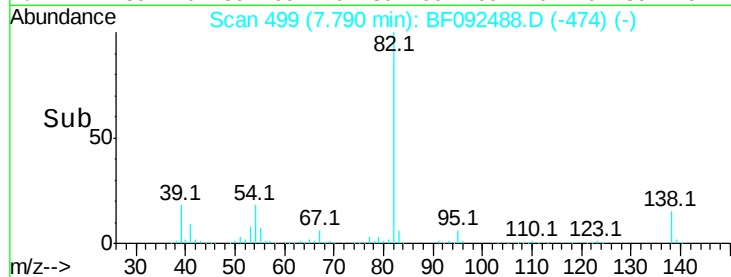
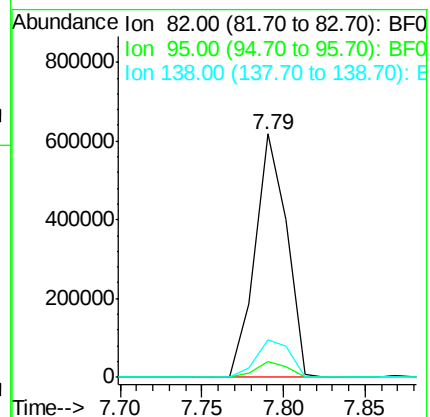
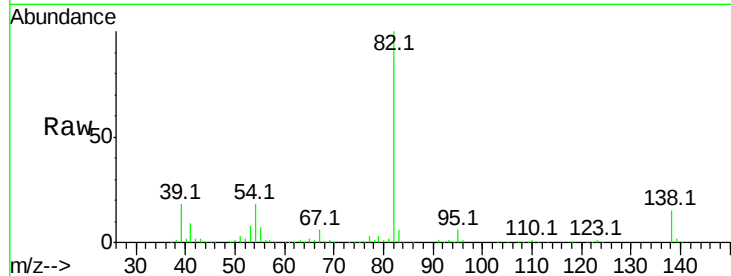
Tot Ion: 82 Resp: 834846

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 15.3 14.6 22.0



#26

2-Nitrophenol

Concen: 43.28 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

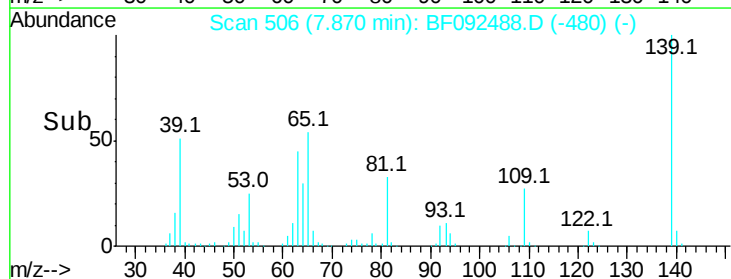
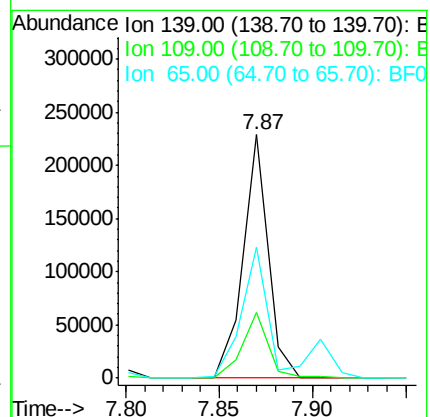
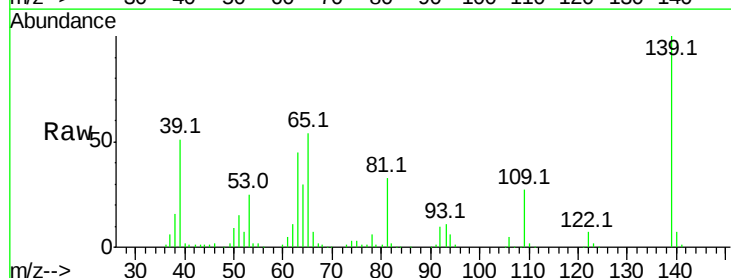
Tgt Ion: 139 Resp: 215611

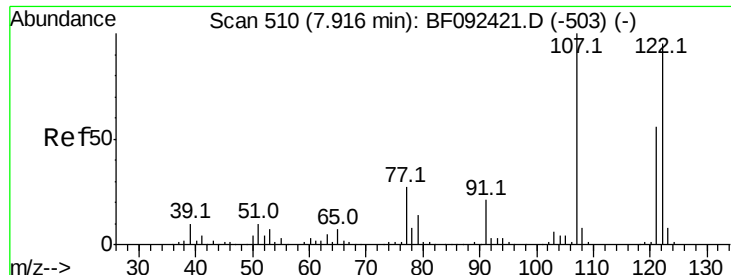
Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

65 53.6 42.7 64.1

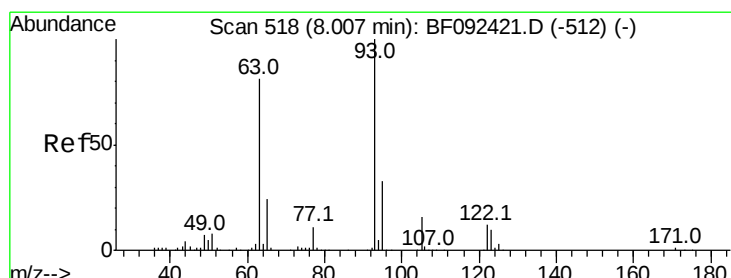
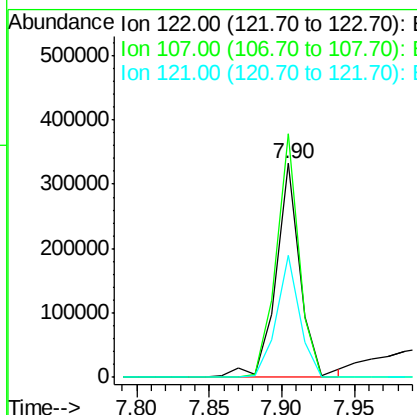
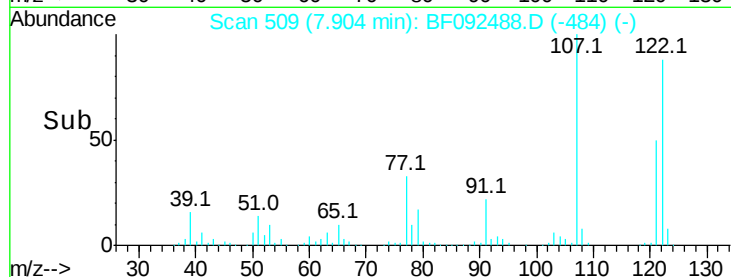
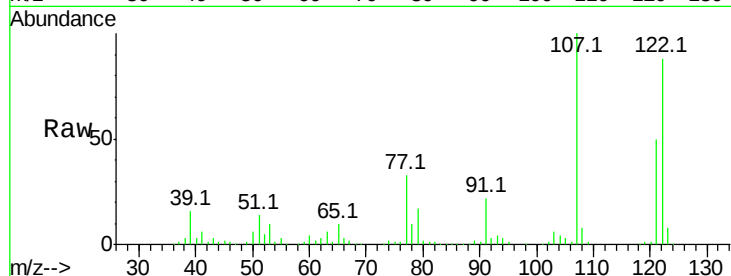




#27
 2,4-Dimethylphenol
 Concen: 37.20 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

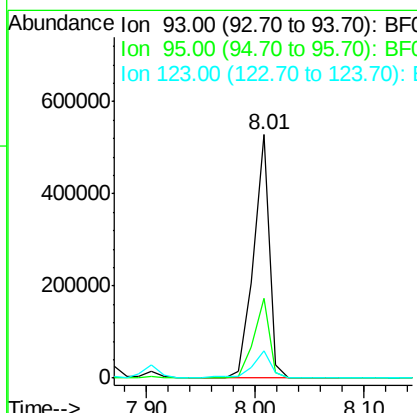
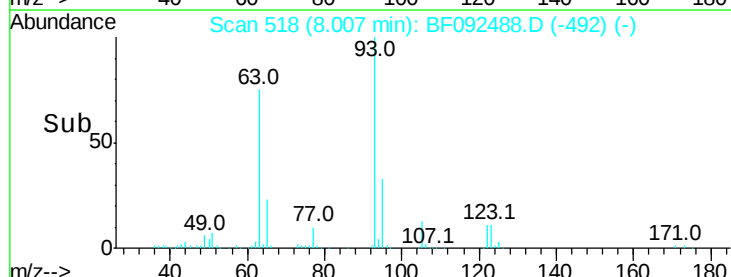
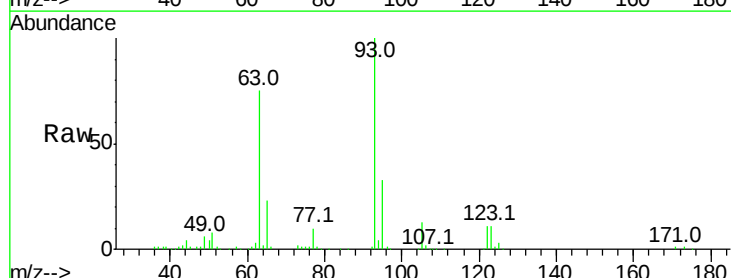
Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

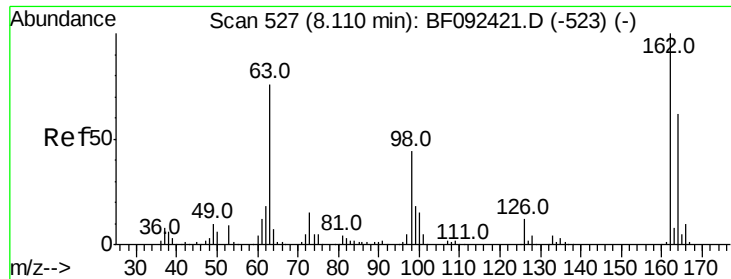
Tot Ion:	122	Resp:	385420
Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.1	141.1
121	57.3	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.44 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:	93	Resp:	534995
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.1	8.6	13.0

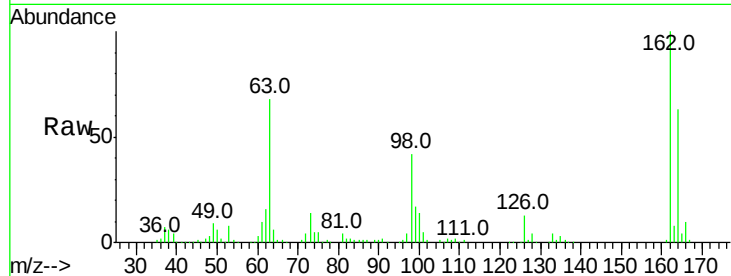




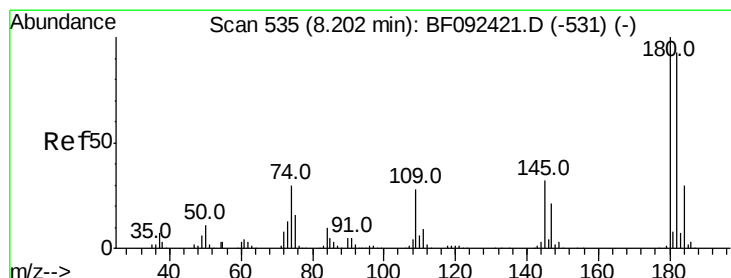
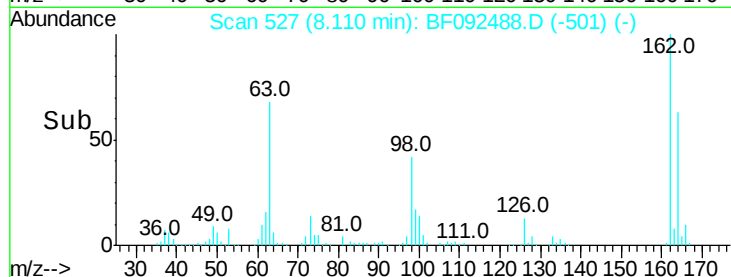
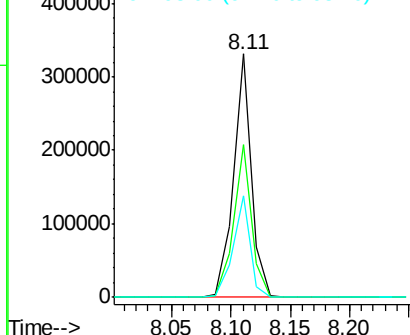
#29
 2,4-Dichlorophenol
 Concen: 38.46 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion:162 Resp: 345504
 Ion Ratio Lower Upper
 162 100
 164 62.9 46.8 86.8
 98 41.9 9.1 49.1

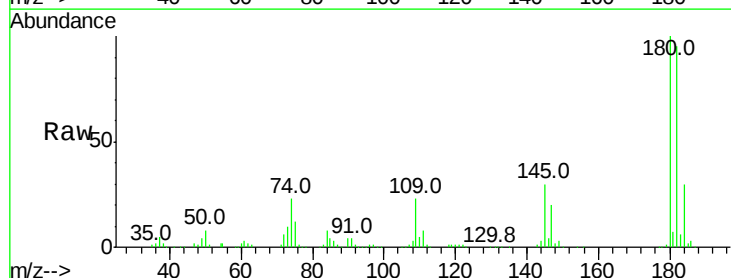


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

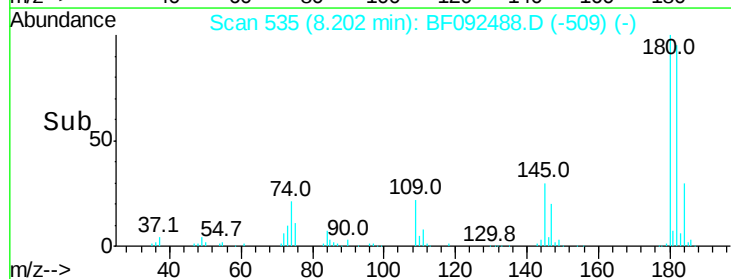
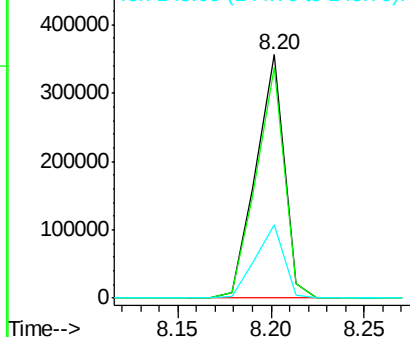


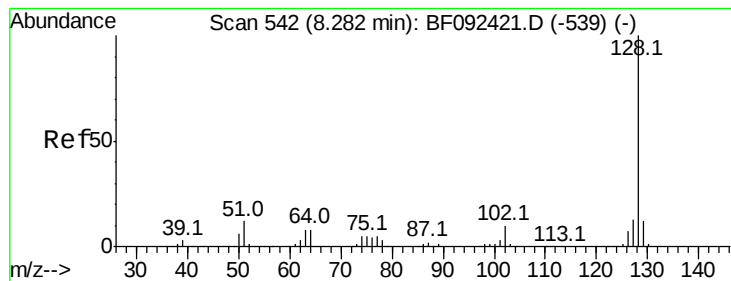
#30
 1,2,4-Trichlorobenzene
 Concen: 38.48 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:180 Resp: 373604
 Ion Ratio Lower Upper
 180 100
 182 94.8 78.2 117.4
 145 30.3 21.6 32.4



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: 36.64 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

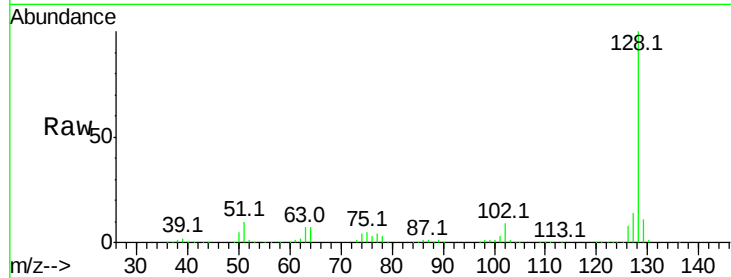
Tot Ion:128 Resp: 1162590

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

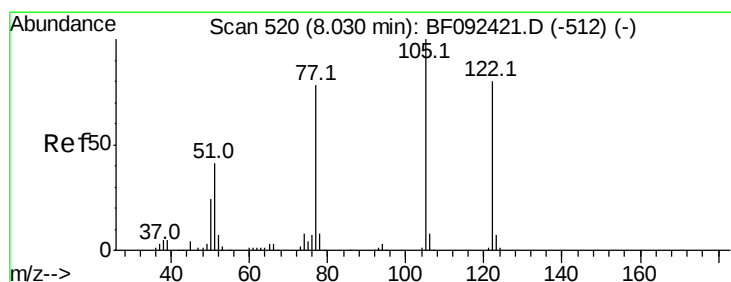
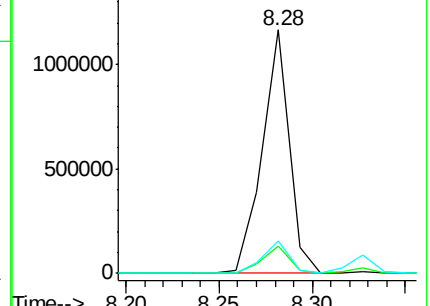
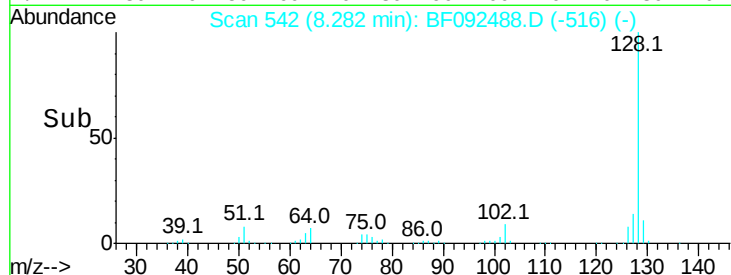
127 13.6 10.8 16.2



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: 33.86 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

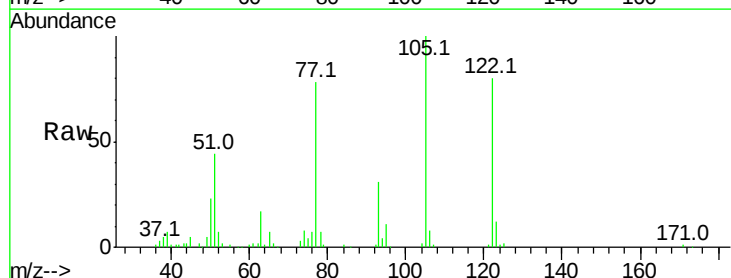
Tgt Ion:122 Resp: 250429

Ion Ratio Lower Upper

122 100

105 125.1 107.2 147.2

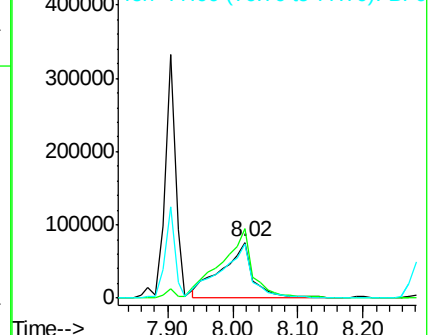
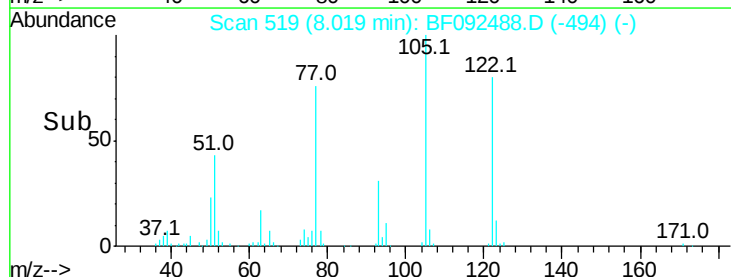
77 97.5 74.5 114.5

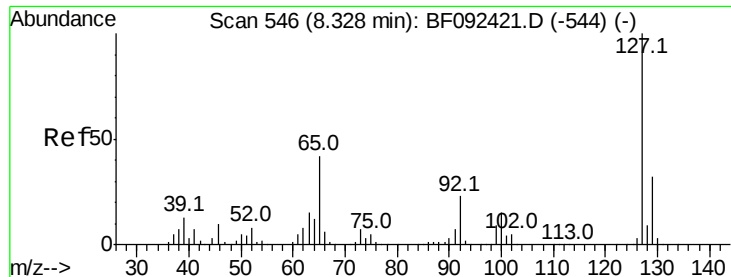


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

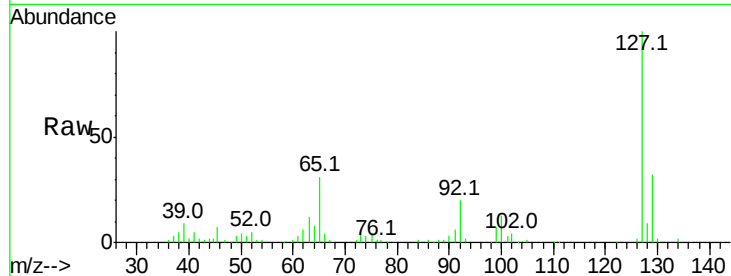




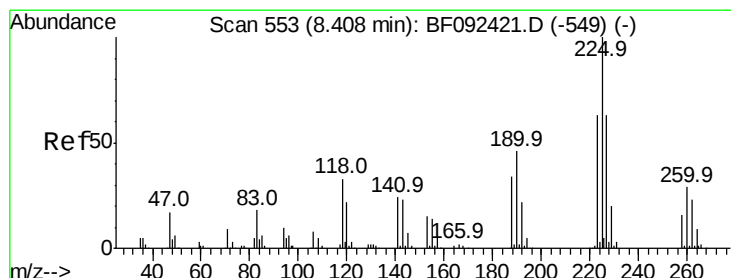
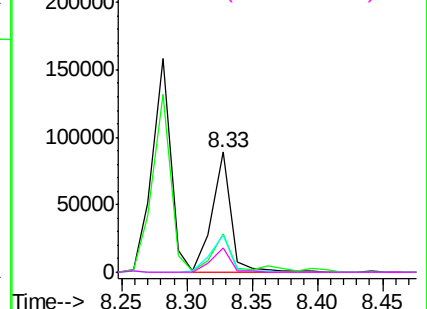
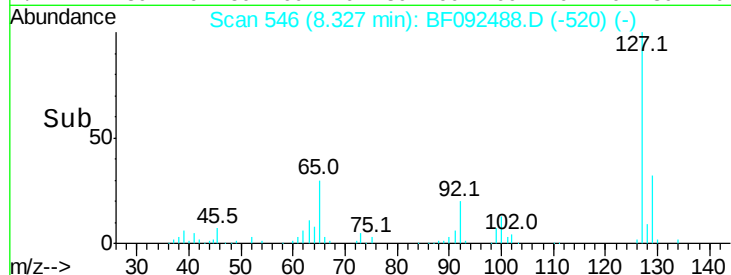
#33
4-Chloroaniline
Concen: 6.64 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion:127 Resp: 89122
Ion Ratio Lower Upper
127 100
129 31.9 26.3 39.5
65 30.8 25.8 38.8
92 20.0 16.1 24.1

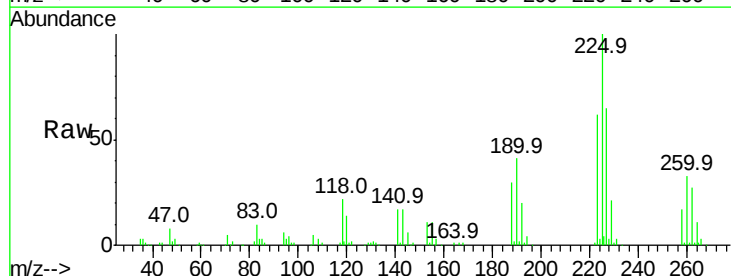


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

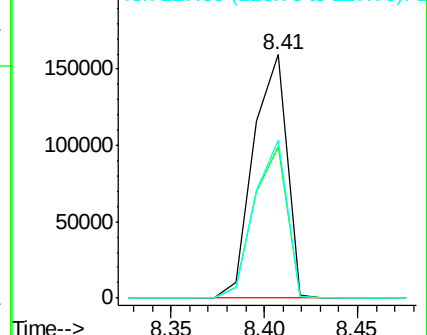
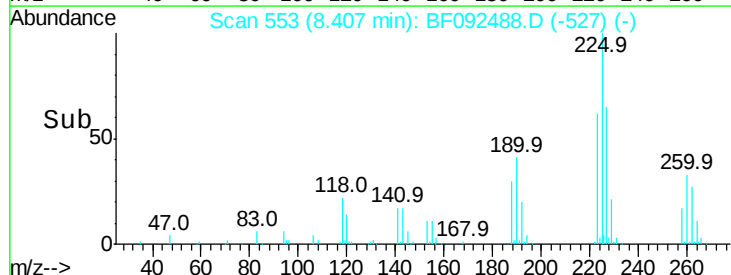


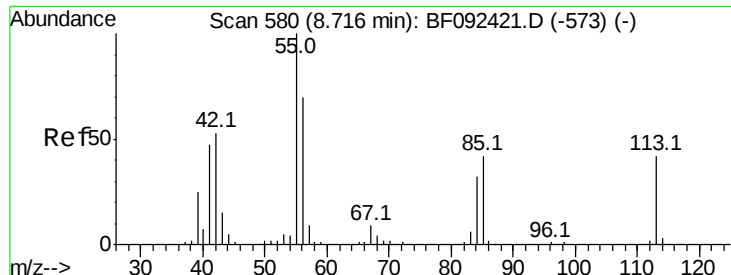
#34
Hexachlorobutadiene
Concen: 37.13 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:225 Resp: 197188
Ion Ratio Lower Upper
225 100
223 62.0 51.0 76.6
227 65.1 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.75 ng/mL

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleID :

PB96313BSD

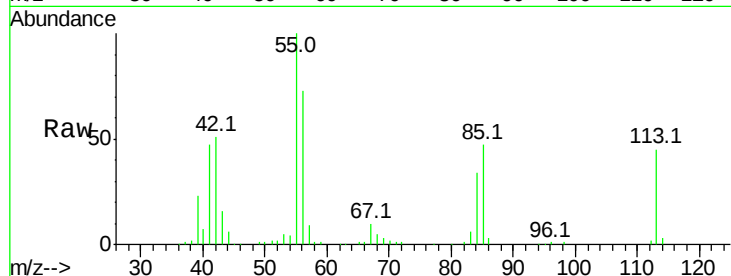
Tot Ion:113 Resp: 134243

Ion Ratio Lower Upper

113 100

55 223.2 119.2 159.2#

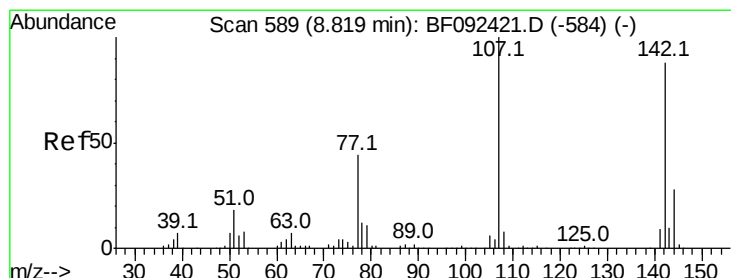
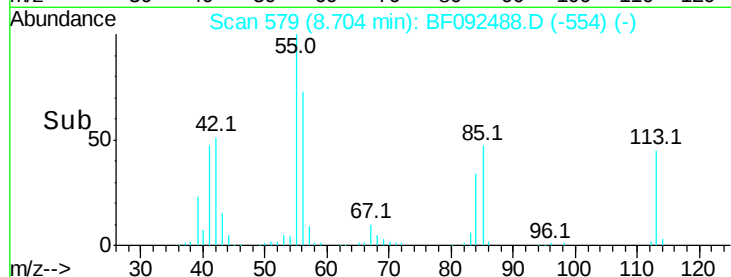
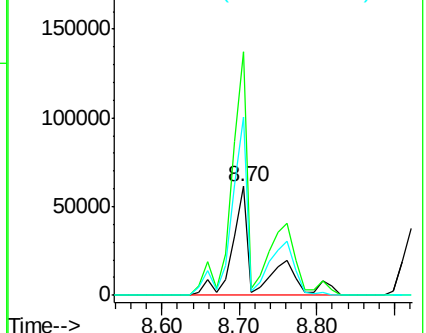
56 163.4 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.44 ng/mL

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

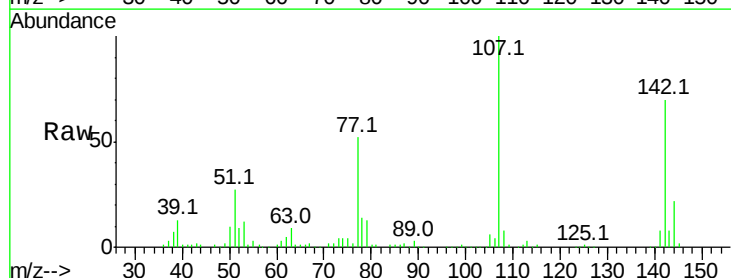
Tgt Ion:107 Resp: 382039

Ion Ratio Lower Upper

107 100

144 22.2 19.3 28.9

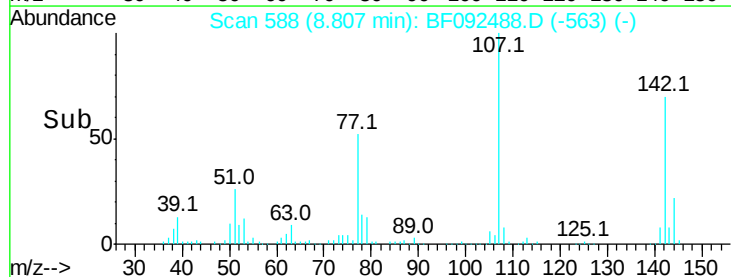
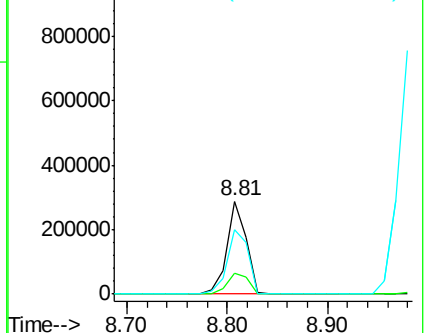
142 69.5 59.0 88.6

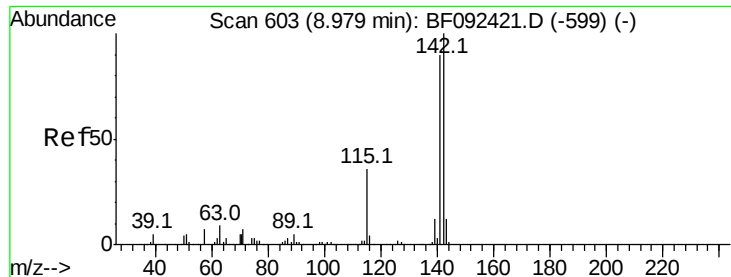


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.43 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

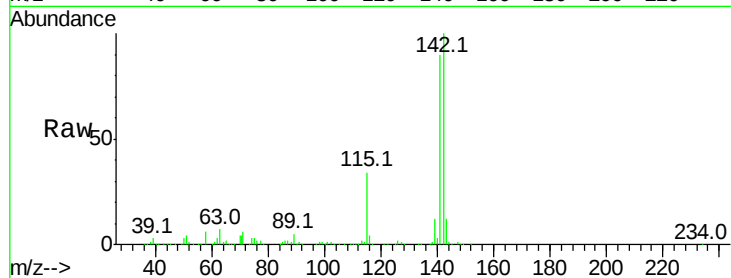
Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion:142 Resp: 792131

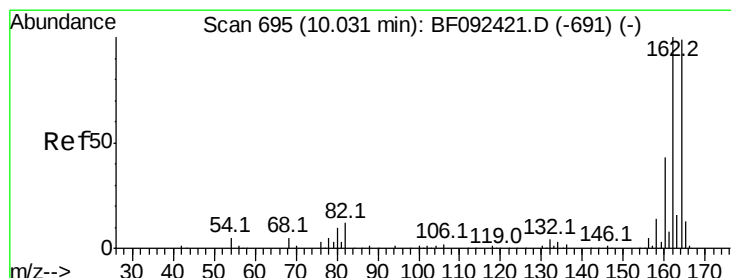
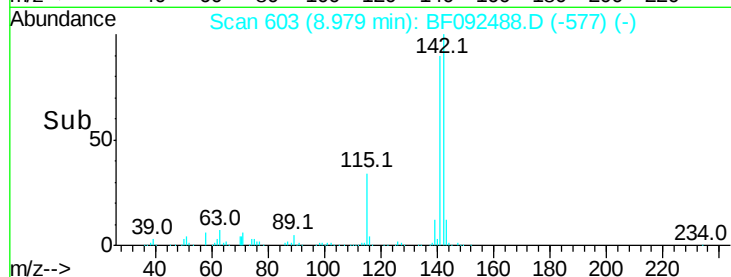
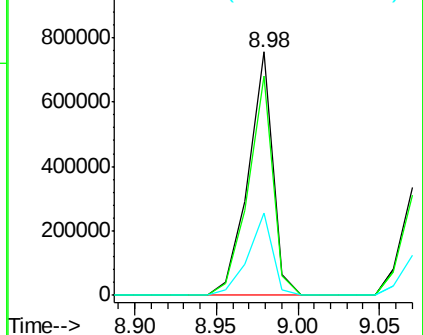
Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	33.8	28.3	42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

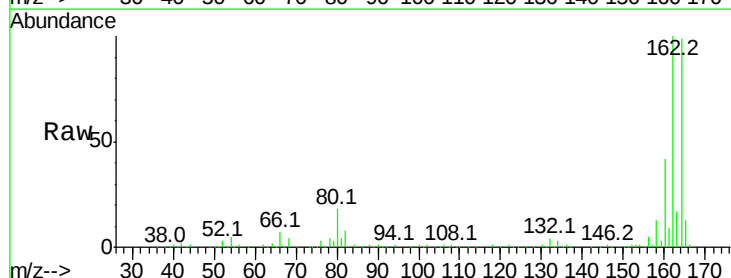
Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Tgt Ion:164 Resp: 348759

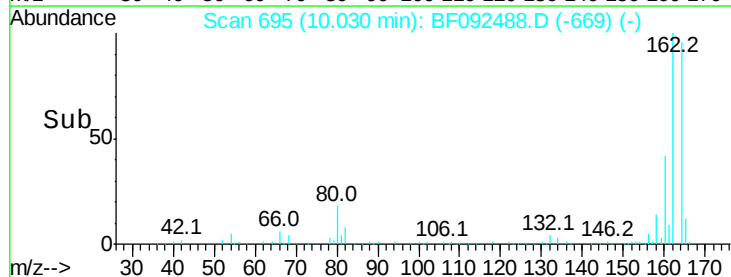
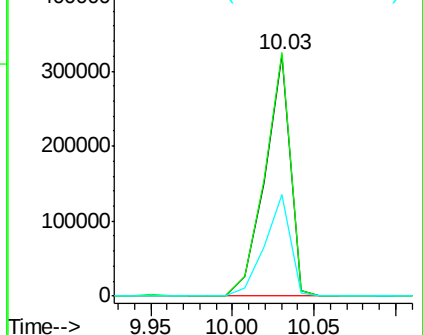
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	42.3	36.9	55.3

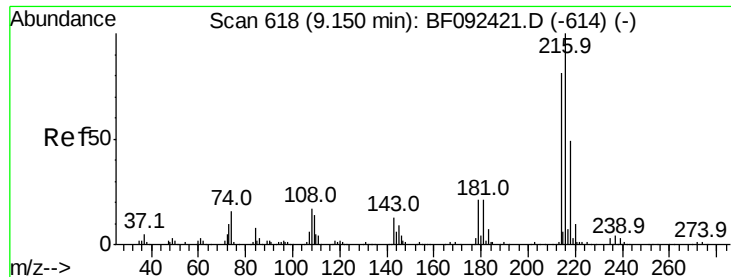


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.99 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

Tot Ion:216 Resp: 360576

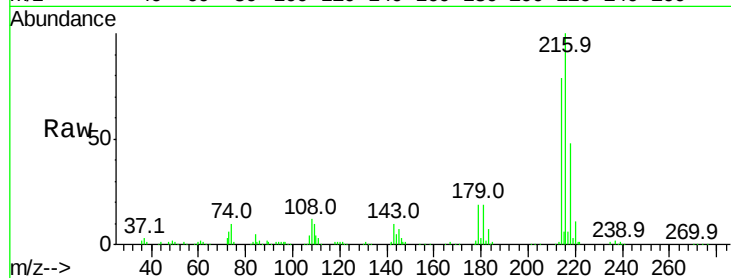
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 20.8 17.4 26.2

108 20.3 15.6 23.4

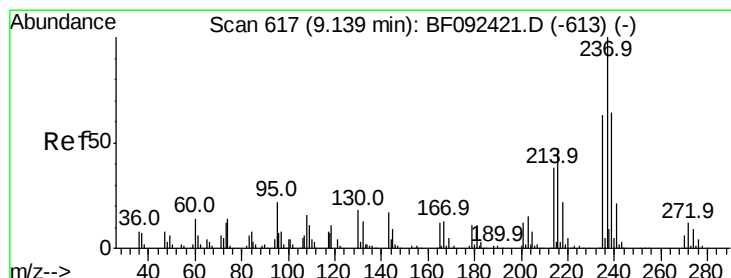
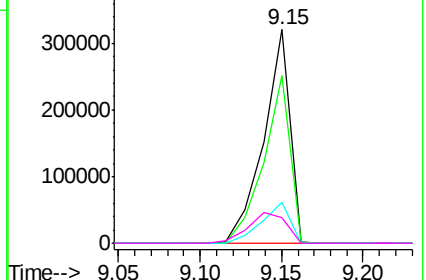
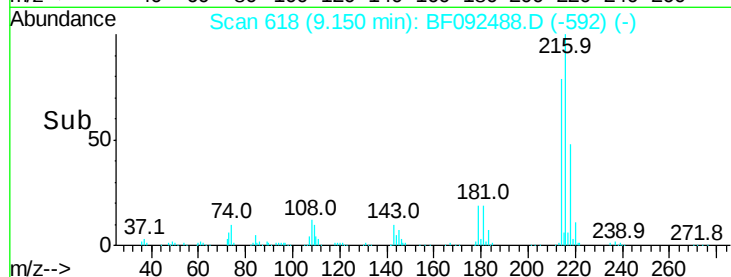


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.45 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

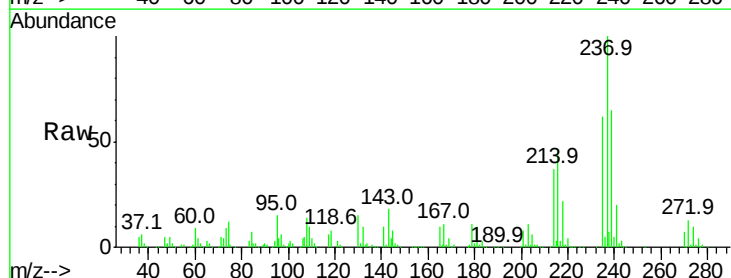
Tgt Ion:237 Resp: 363240

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

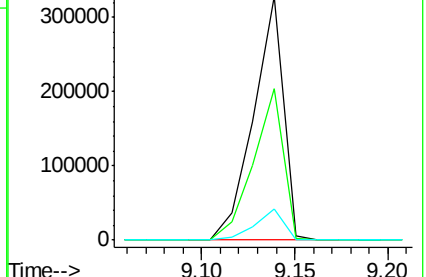
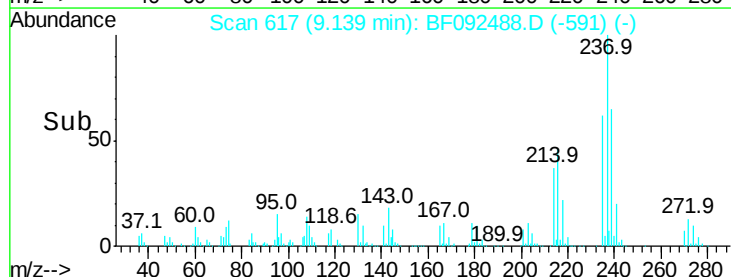
272 12.9 0.0 35.4

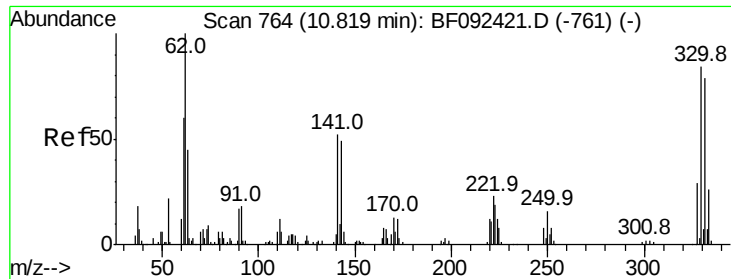


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 76.48 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

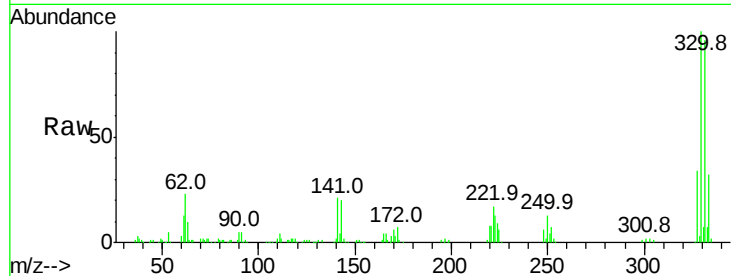
Tot Ion:330 Resp: 181756

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

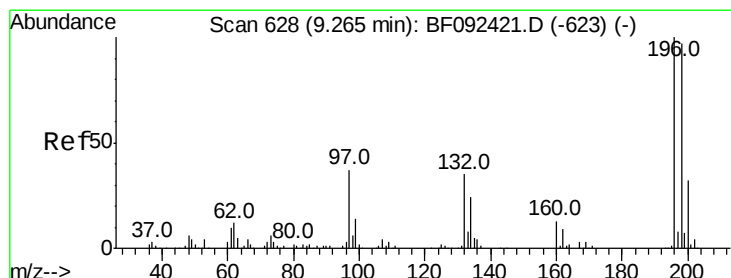
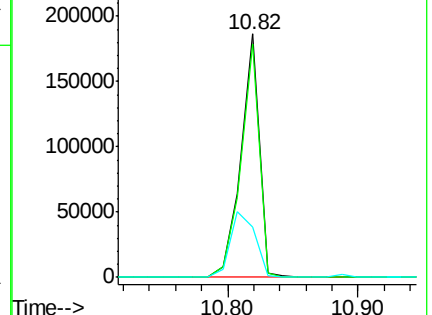
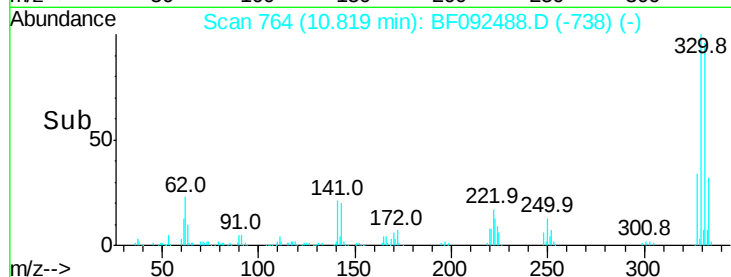
141 36.7 34.1 51.1



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: 39.87 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

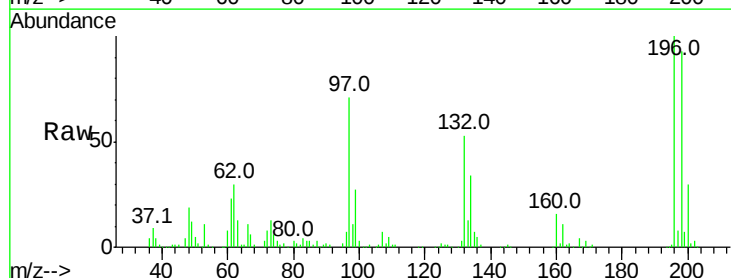
Tgt Ion:196 Resp: 268733

Ion Ratio Lower Upper

196 100

198 93.3 82.1 123.1

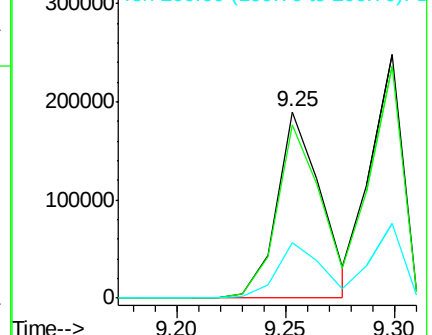
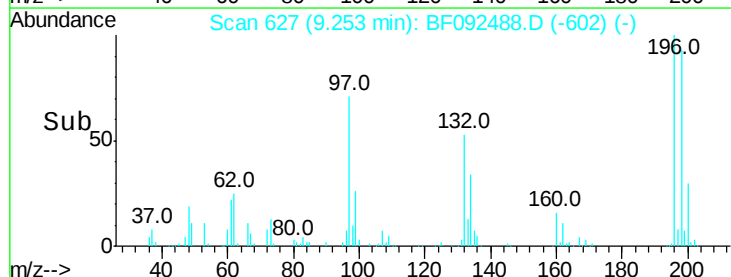
200 29.7 27.0 40.4

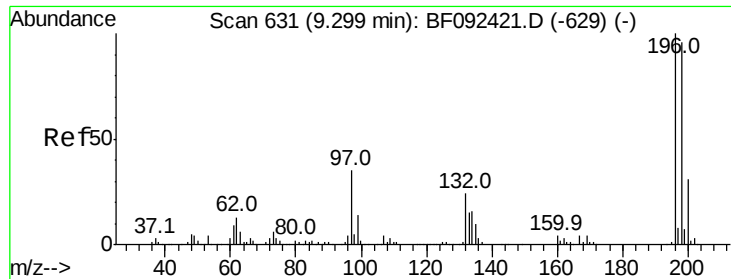


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

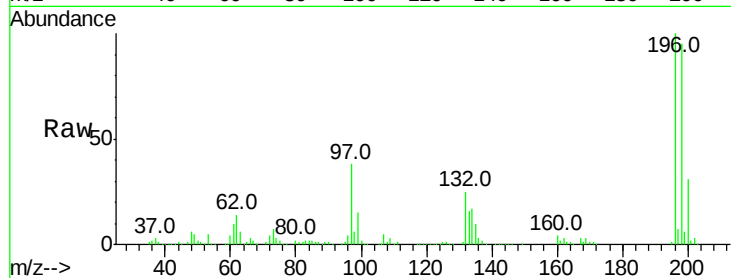




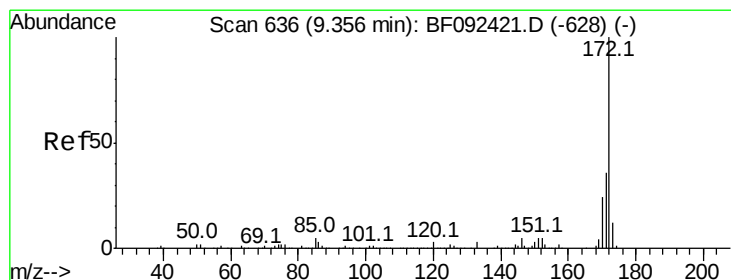
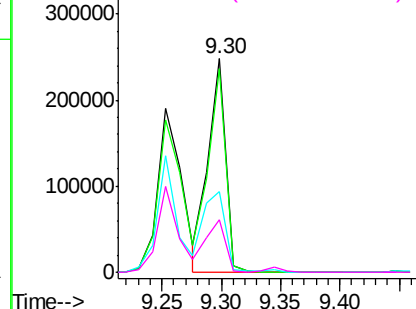
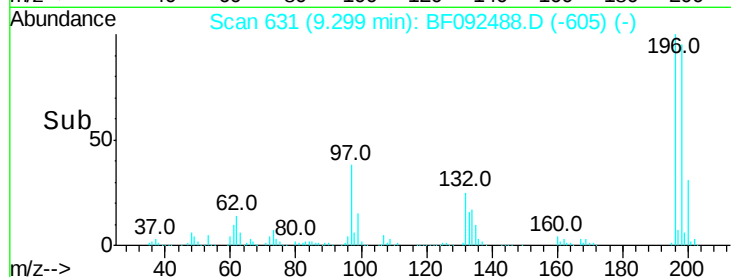
#43
 2,4,5-Trichlorophenol
 Concen: 41.76 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.2
97	38.0	51.5	77.3#
132	24.5	27.4	41.2#

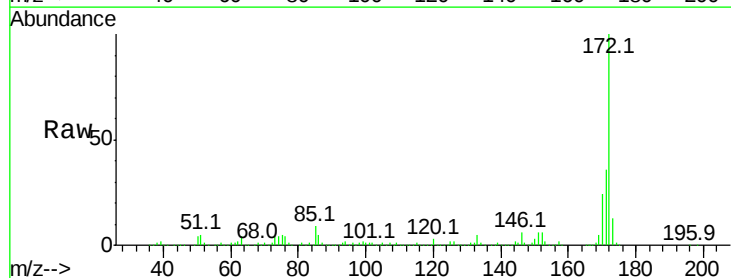


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

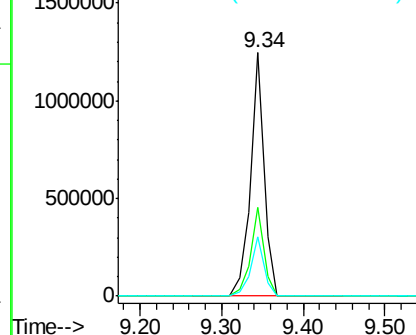
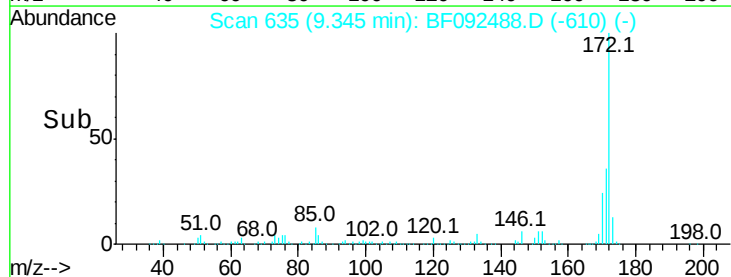


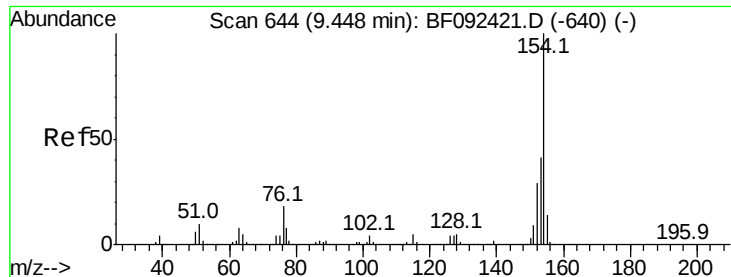
#44
 2-Fluorobiphenyl
 Concen: 75.52 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 38.92 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

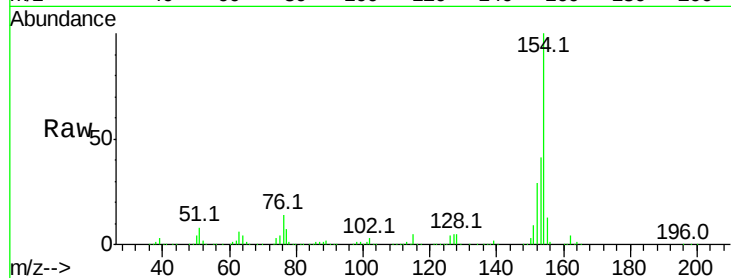
Tot Ion:154 Resp: 981315

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

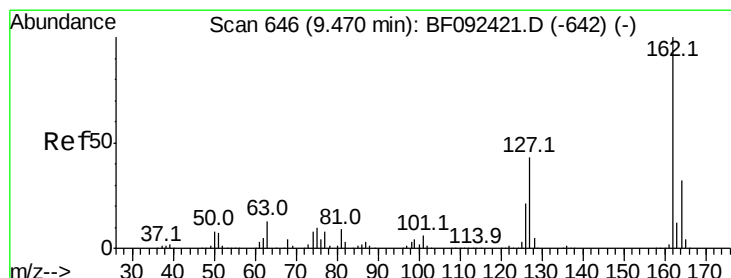
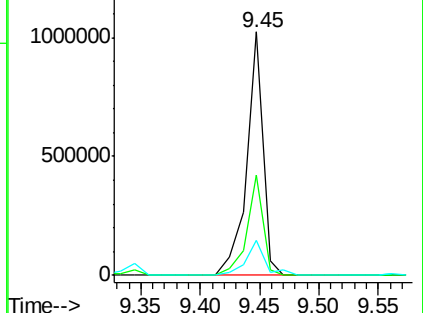
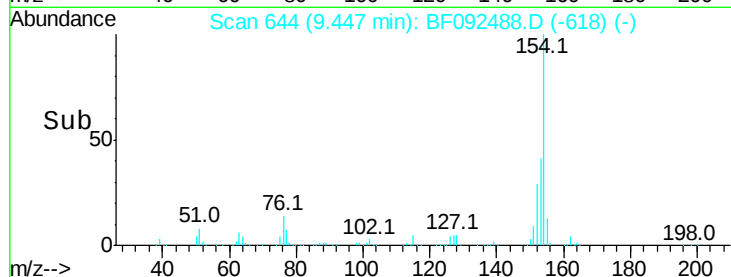
76 14.3 0.0 30.5



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: 35.98 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

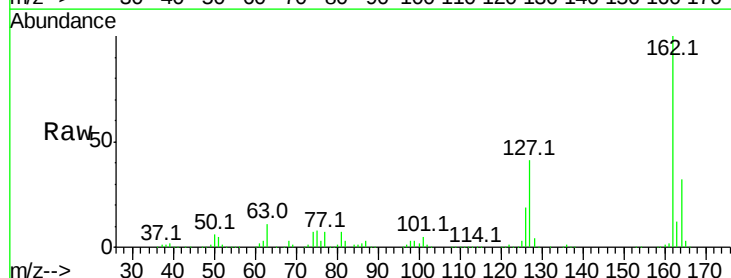
Tgt Ion:162 Resp: 740888

Ion Ratio Lower Upper

162 100

127 41.2 30.7 46.1

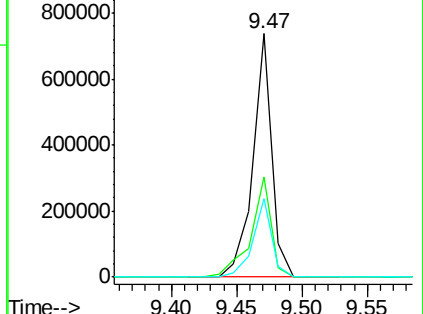
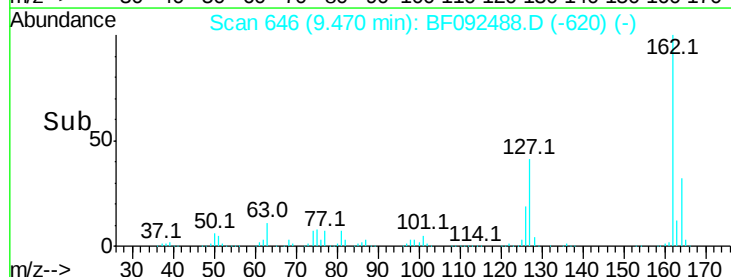
164 32.3 27.6 41.4

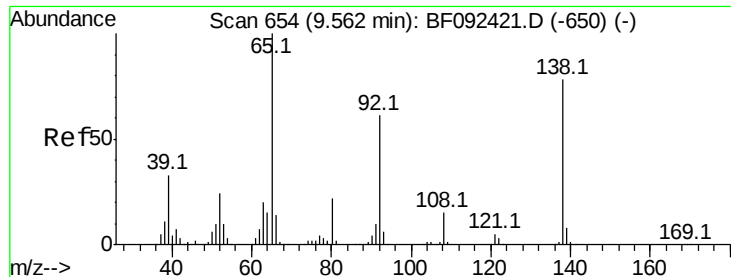


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.76 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

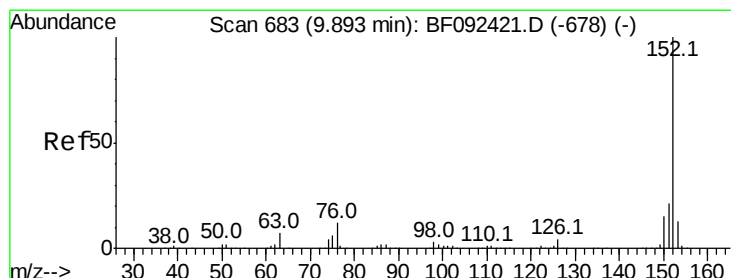
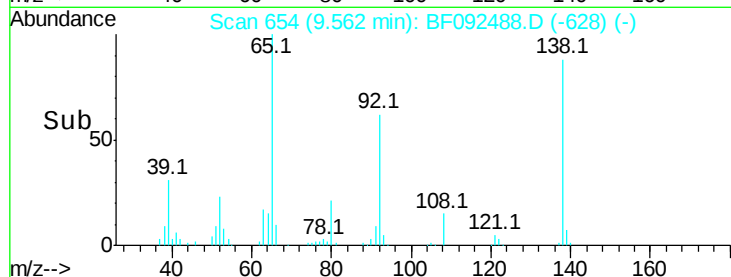
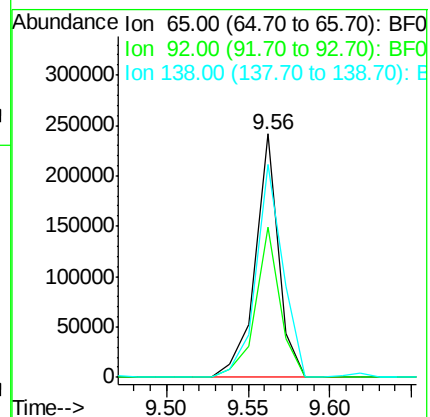
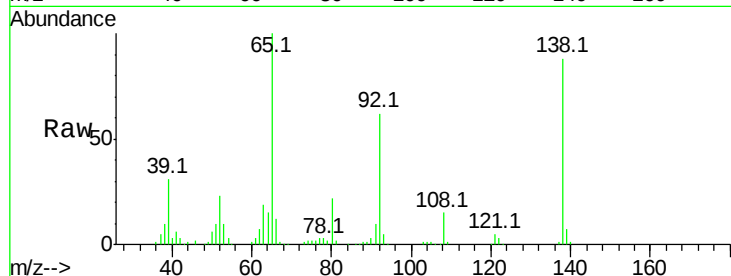
Tot Ion: 65 Resp: 241065

Ion Ratio Lower Upper

65 100

92 61.7 53.9 80.9

138 87.5 76.8 115.2



#48

Acenaphthylene

Concen: 41.55 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

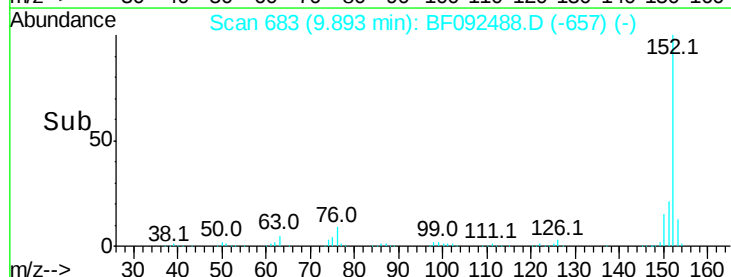
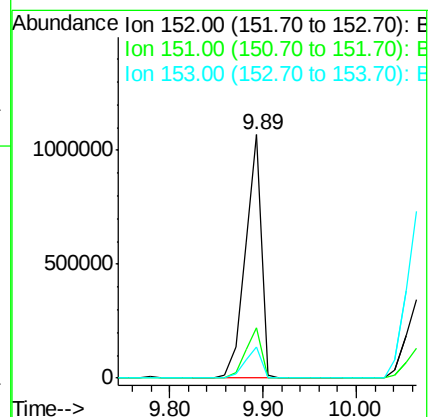
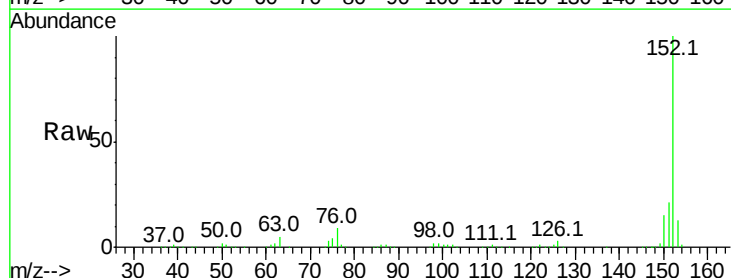
Tgt Ion: 152 Resp: 1254781

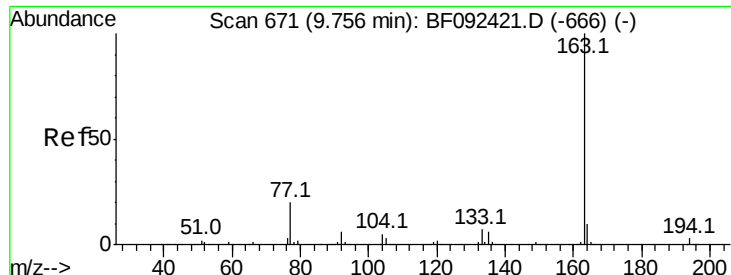
Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

153 13.0 11.4 17.2

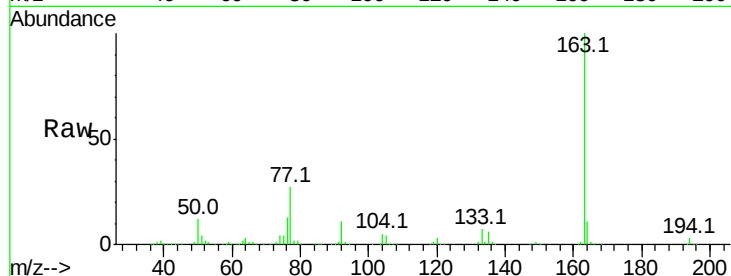




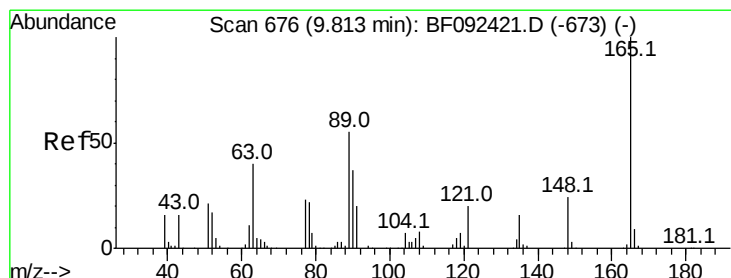
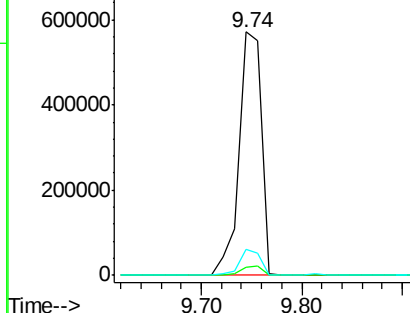
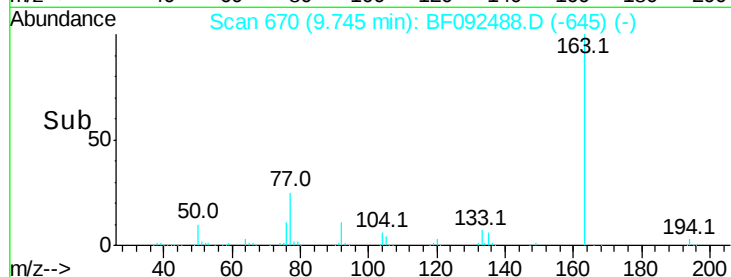
#49
Dimethylphthalate
Concen: 39.59 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.6	8.0	12.0

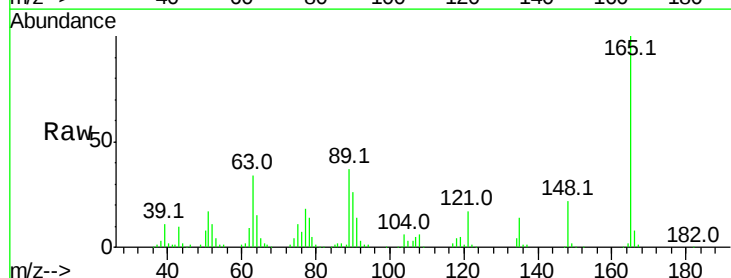


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

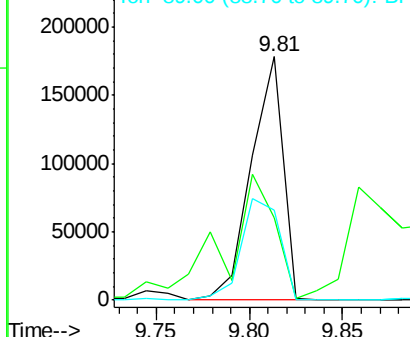
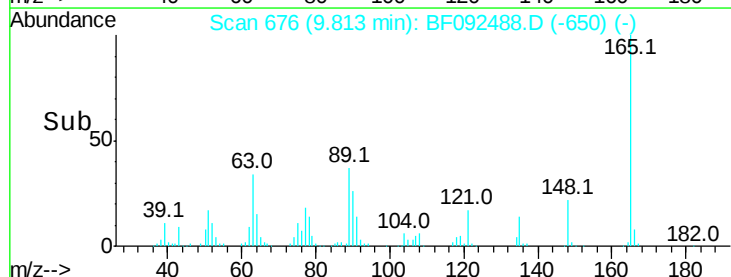


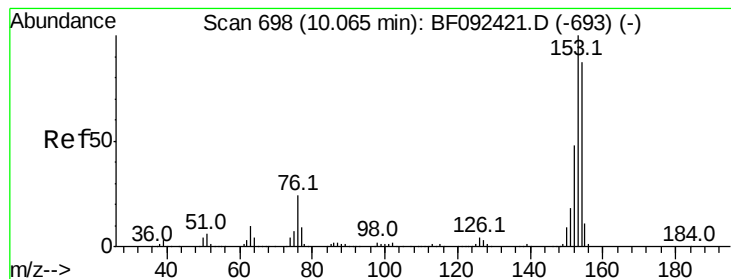
#50
2,6-Dinitrotoluene
Concen: 46.26 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.9	36.2	54.4#
89	37.2	40.2	60.4#



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





#51

Acenaphthene

Concen: 43.75 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

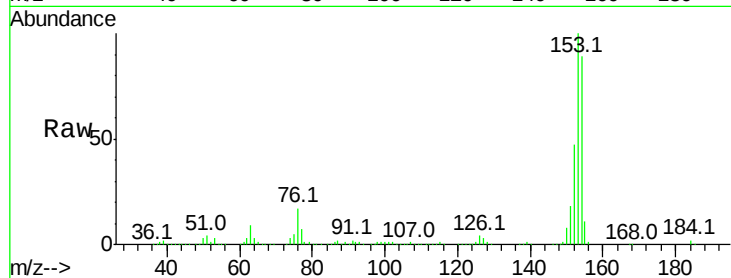
Tot Ion:154 Resp: 821029

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

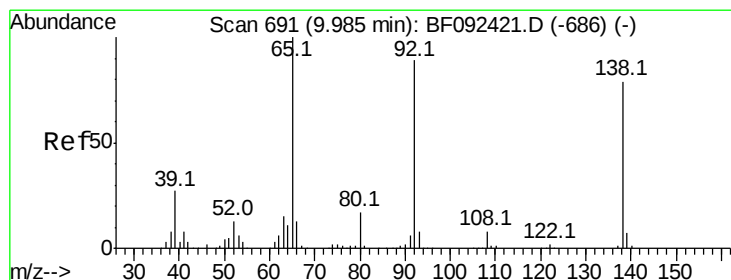
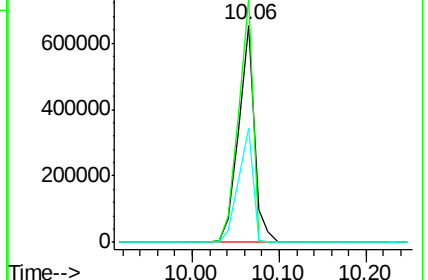
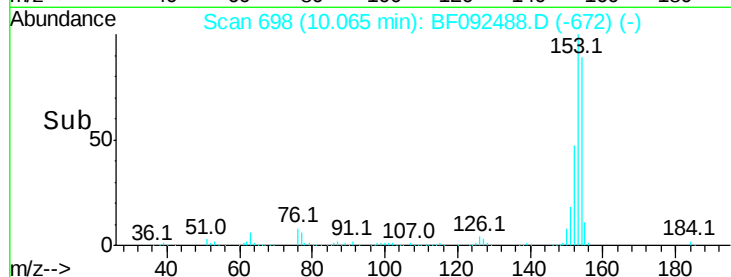
152 52.9 41.6 62.4



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: 10.62 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

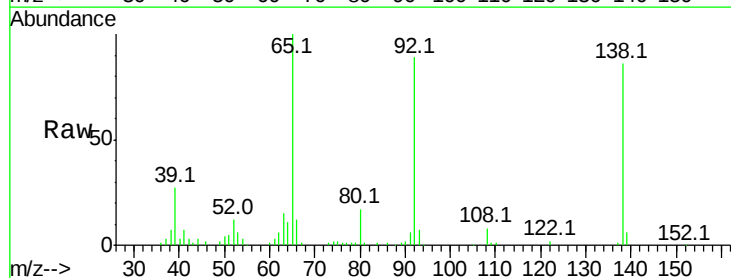
Tgt Ion:138 Resp: 60266

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

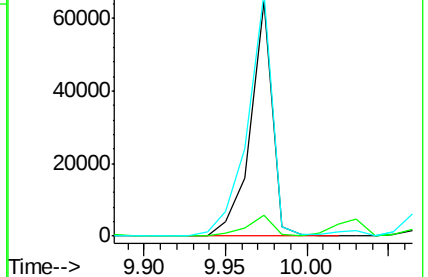
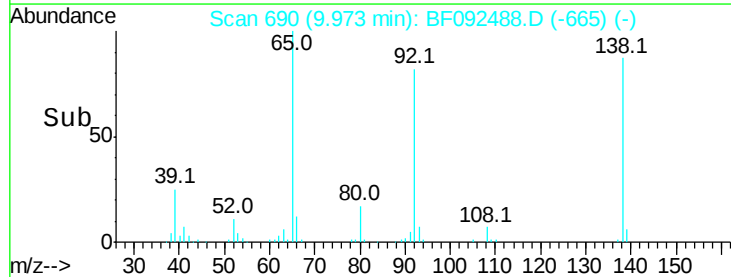
92 103.9 97.8 146.8

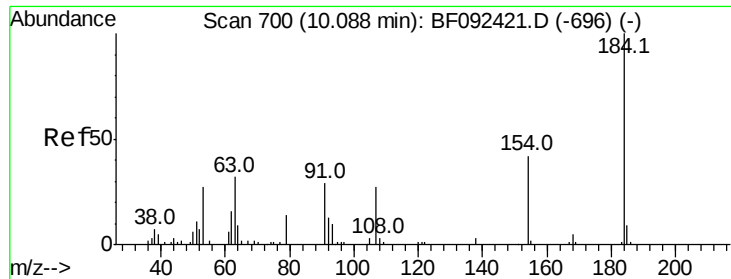


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

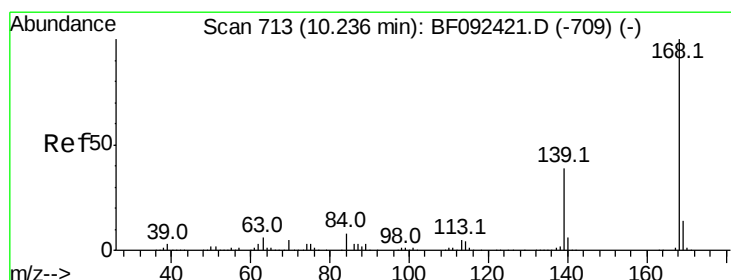
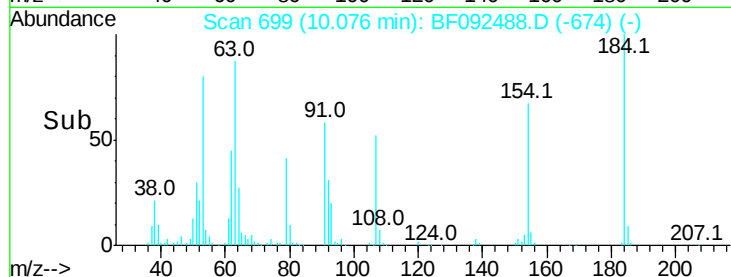
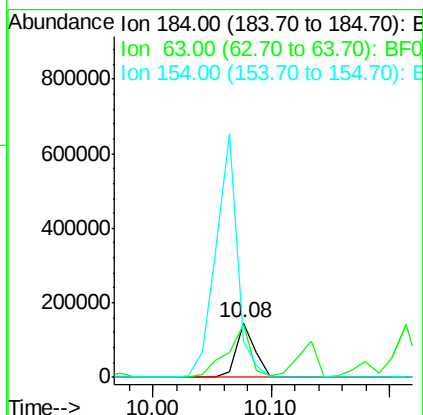
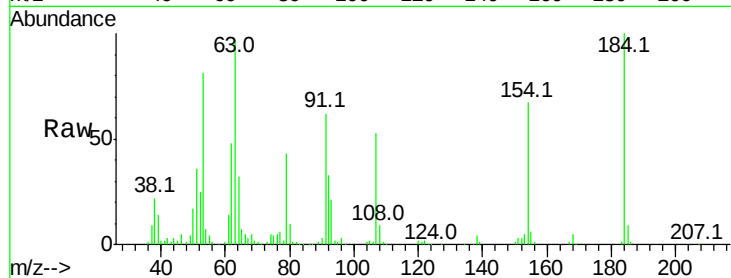




#53
2,4-Dinitrophenol
Concen: 62.35 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

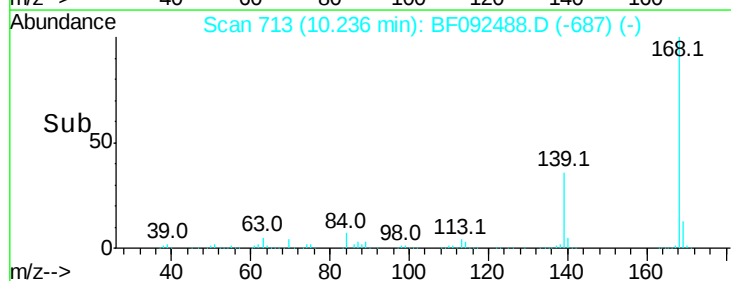
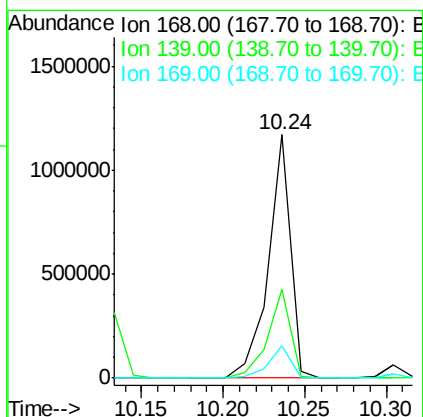
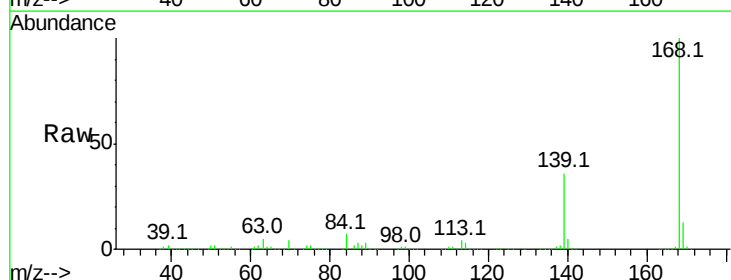
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

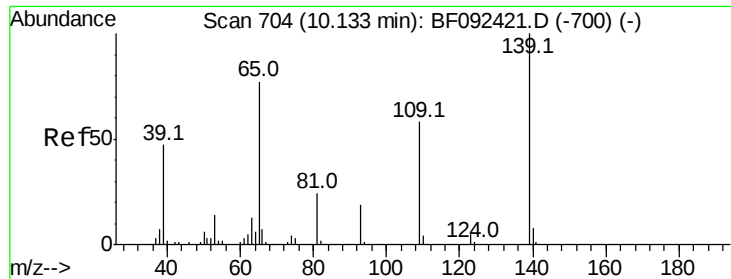
Tot Ion:184 Resp: 161222
Ion Ratio Lower Upper
184 100
63 96.8 28.4 42.6#
154 67.2 44.3 66.5#



#54
Dibenzofuran
Concen: 43.45 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:168 Resp: 1107301
Ion Ratio Lower Upper
168 100
139 36.4 32.6 49.0
169 13.5 11.3 16.9

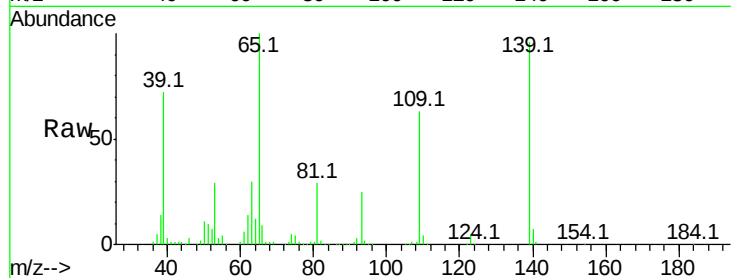




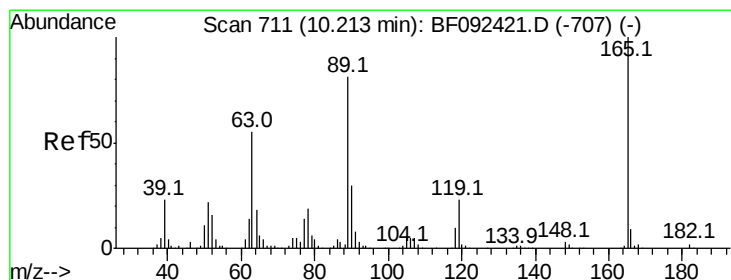
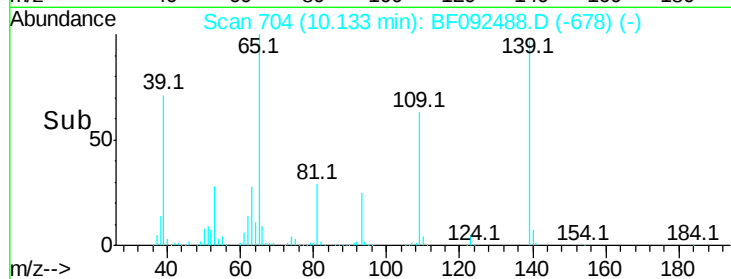
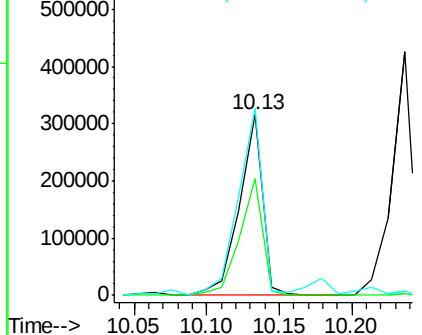
#55
4-Nitrophenol
Concen: 77.67 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion:139 Resp: 350193
Ion Ratio Lower Upper
139 100
109 64.8 52.2 92.2
65 103.6 85.8 125.8

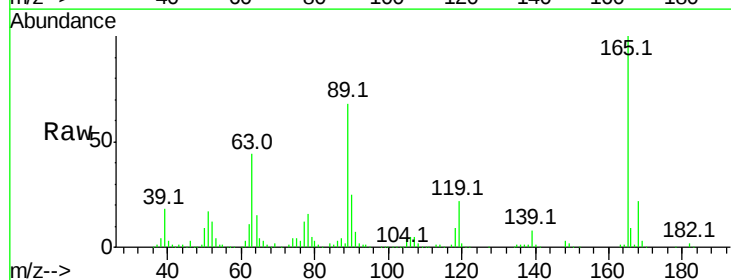


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

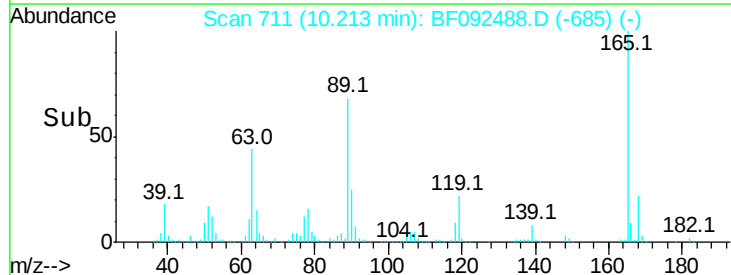
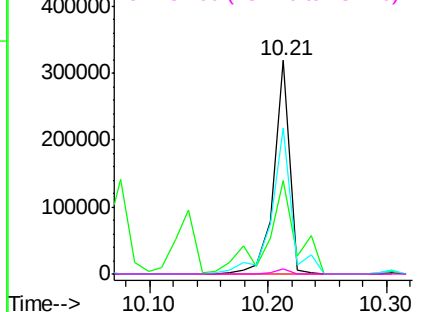


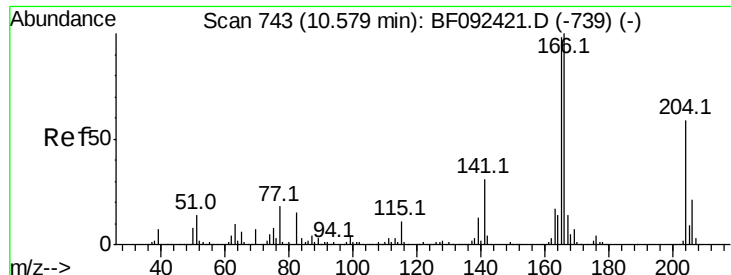
#56
2,4-Dinitrotoluene
Concen: 48.43 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:165 Resp: 291410
Ion Ratio Lower Upper
165 100
63 43.9 40.2 60.4
89 68.4 62.5 93.7
182 2.3 1.8 2.8



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

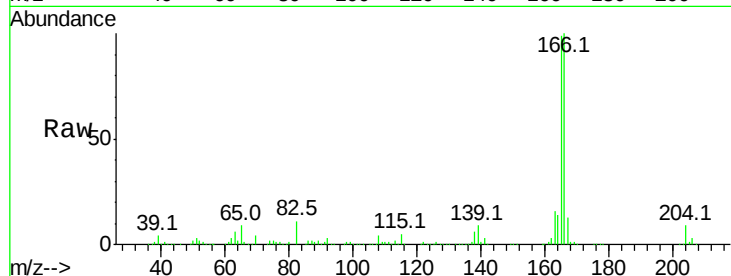




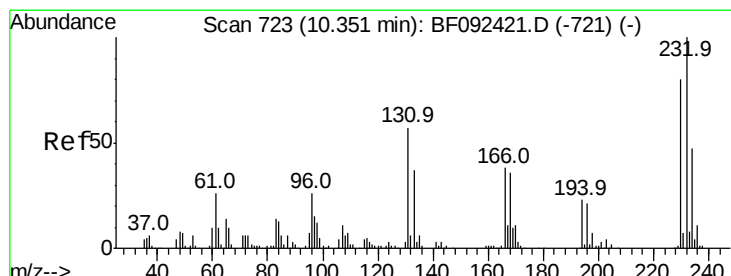
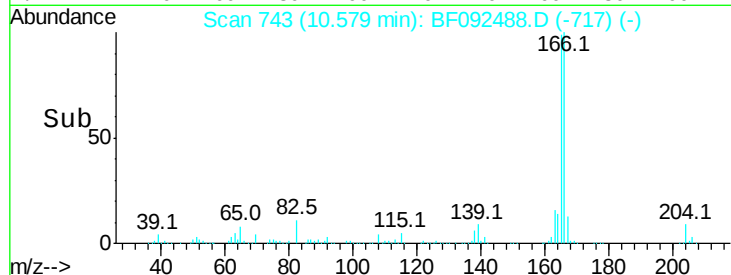
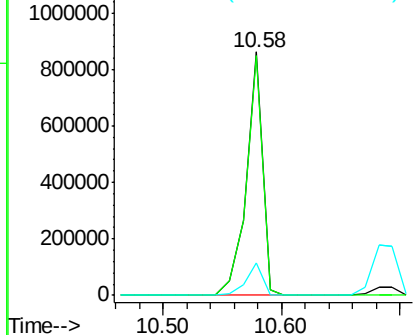
#57
Fluorene
 Concen: 43.69 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion:166 Resp: 825547
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.8 116.8
 167 13.3 10.8 16.2

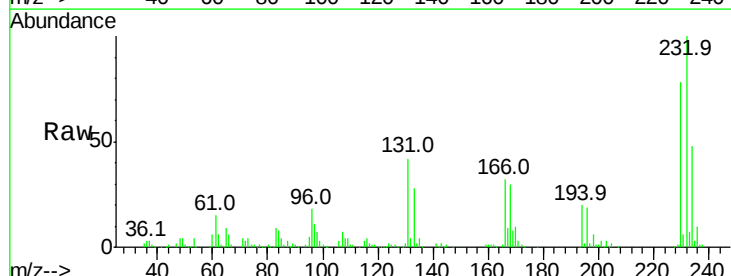


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

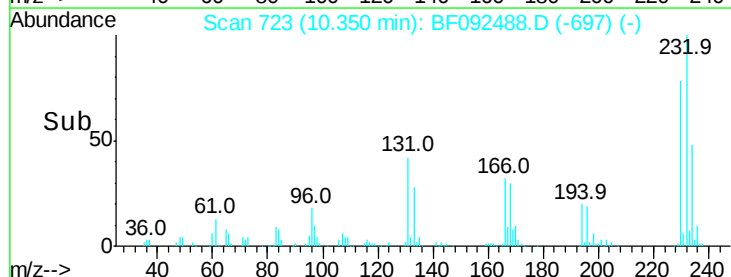
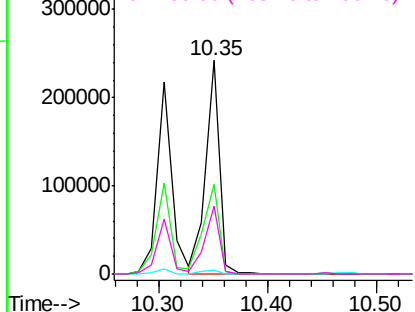


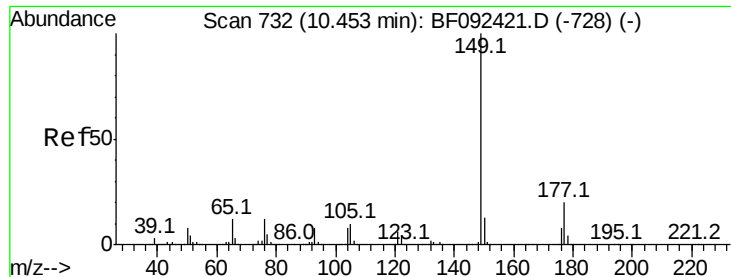
#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.75 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:232 Resp: 215999
 Ion Ratio Lower Upper
 232 100
 131 47.6 40.1 60.1
 130 2.3 1.8 2.8
 166 33.5 26.6 39.8



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

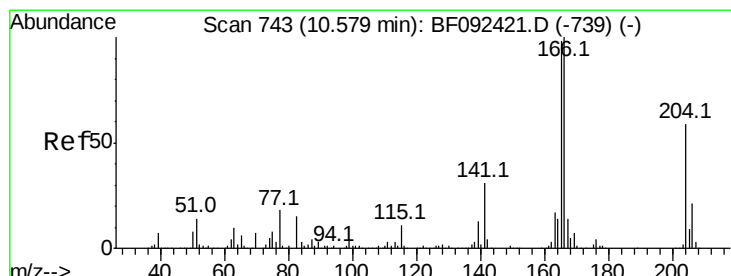
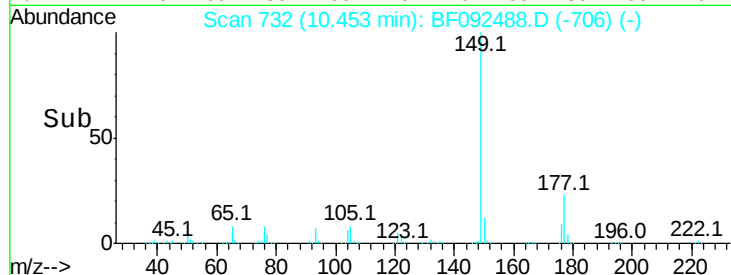
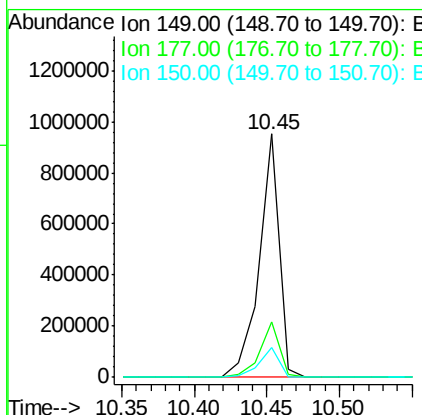
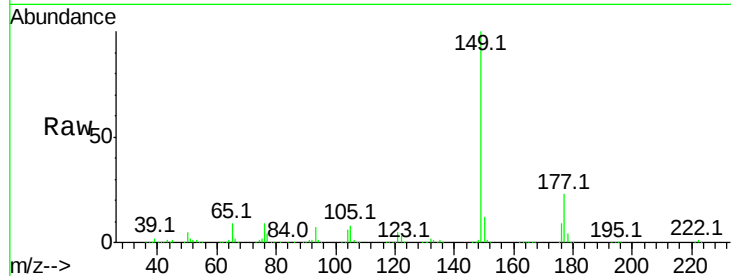




#59
Diethylphthalate
Concen: 42.64 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

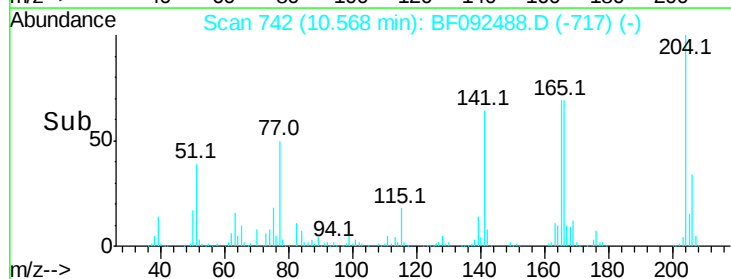
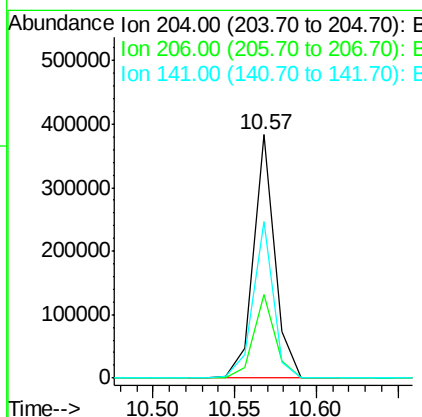
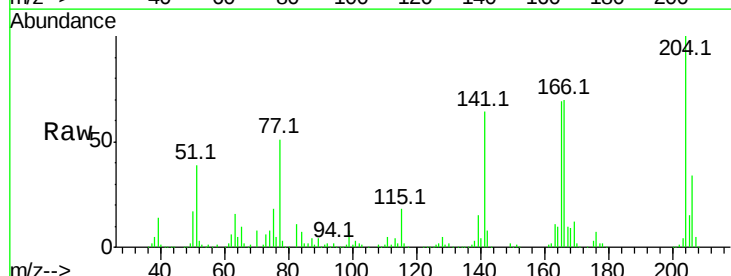
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

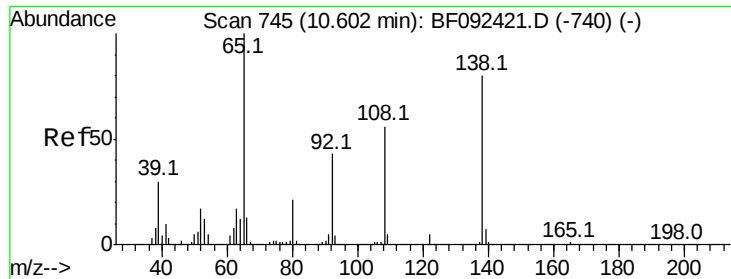
Tot Ion:149 Resp: 906829
Ion Ratio Lower Upper
149 100
177 22.6 16.6 25.0
150 12.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 37.90 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:204 Resp: 347339
Ion Ratio Lower Upper
204 100
206 34.1 25.8 38.6
141 64.1 59.4 89.0

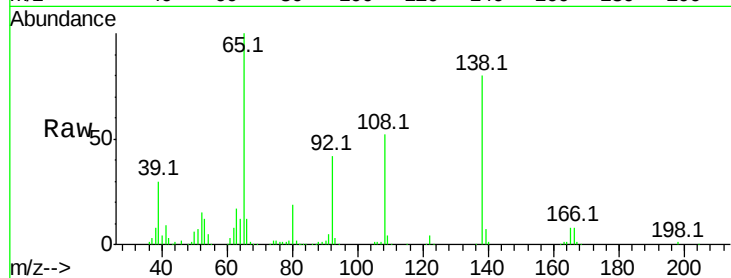




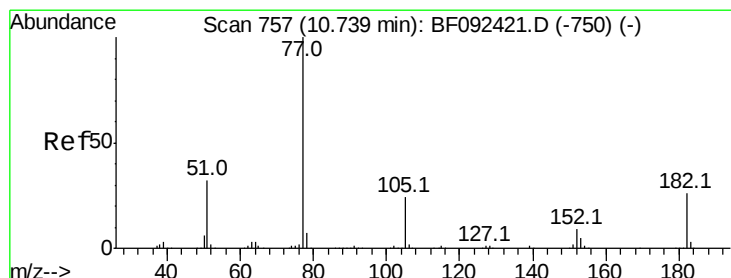
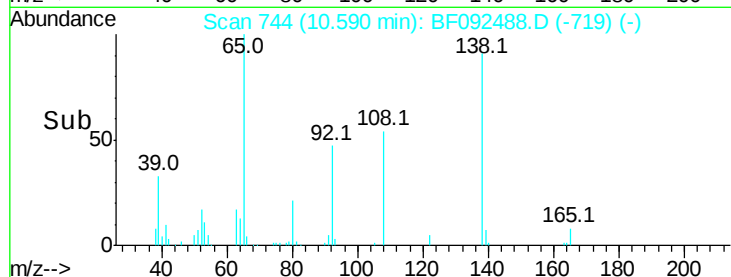
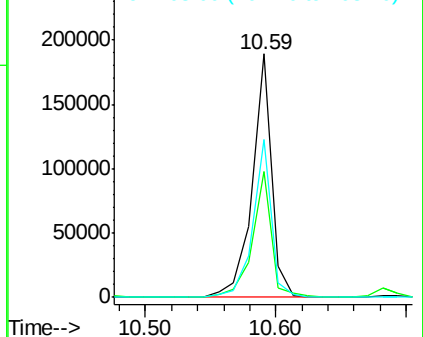
#61
4-Nitroaniline
Concen: 34.60 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
PB96313BSD

Tot Ion:138 Resp: 196492
Ion Ratio Lower Upper
138 100
92 51.9 31.7 71.7
108 64.8 52.6 92.6

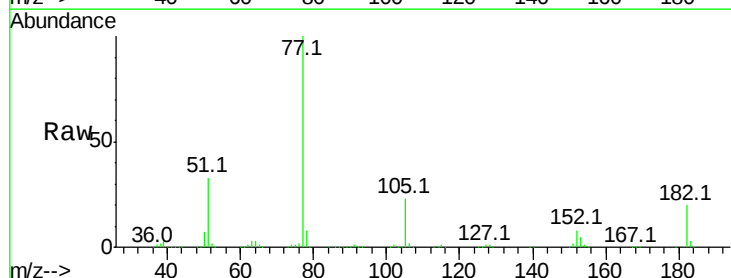


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

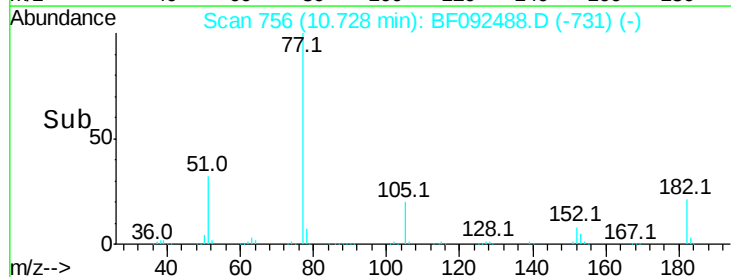
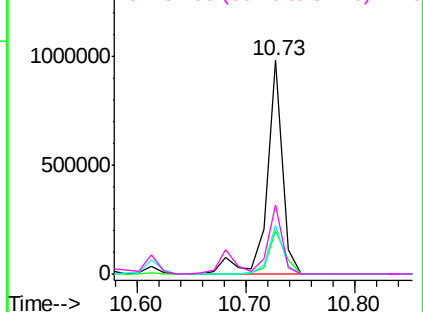


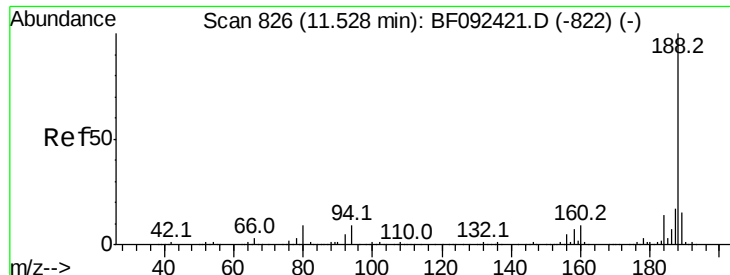
#62
Azobenzene
Concen: 40.86 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion: 77 Resp: 988867
Ion Ratio Lower Upper
77 100
182 20.4 0.0 39.3
105 23.1 2.3 42.3
51 32.5 8.9 48.9



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

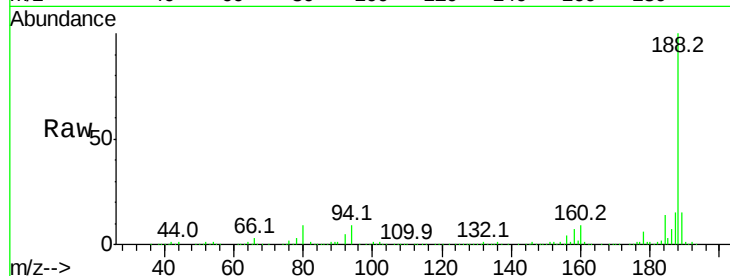




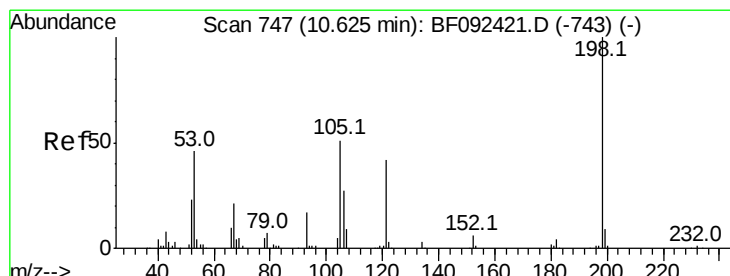
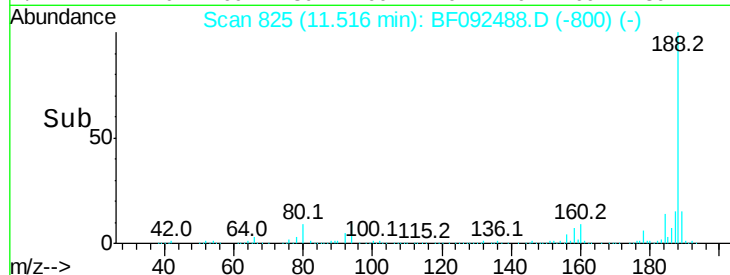
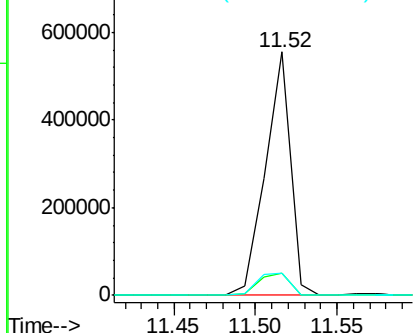
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.0	15.0#
80	9.2	11.2	16.8#

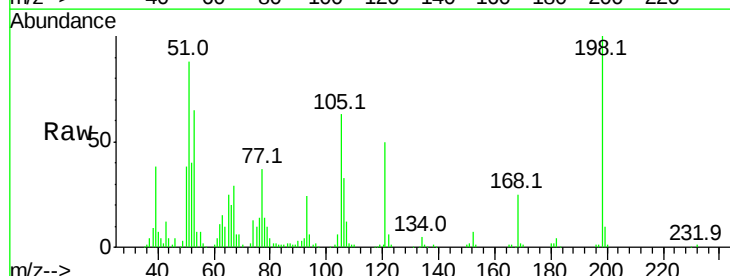


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

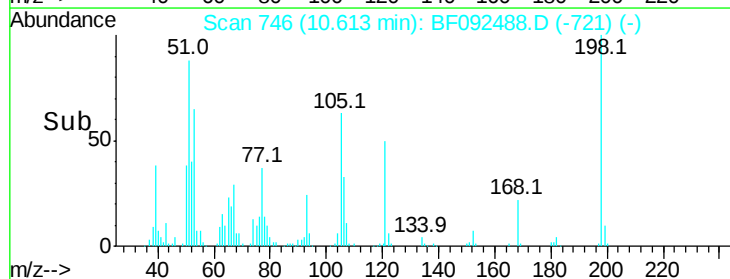
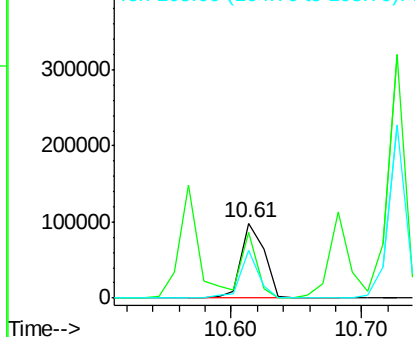


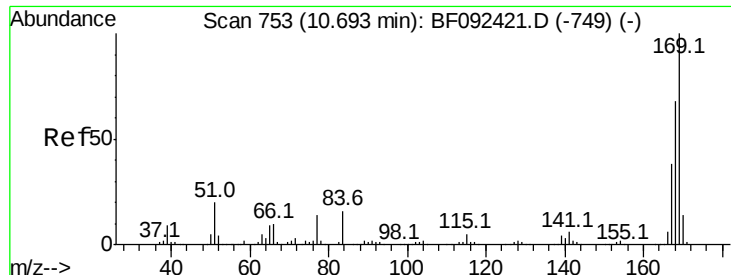
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.93 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	87.6	6.7	46.7#
105	63.1	16.6	56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

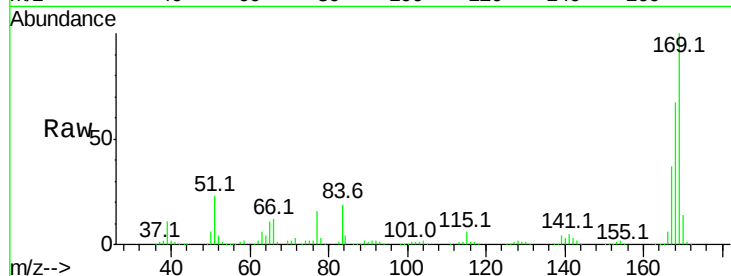




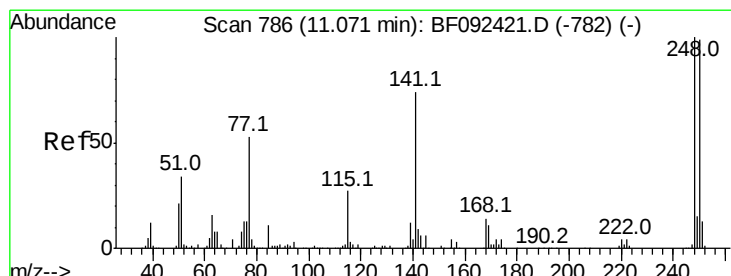
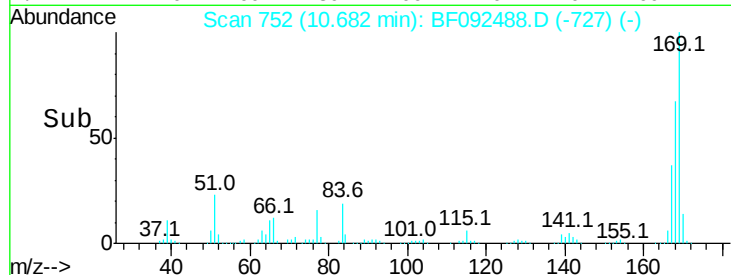
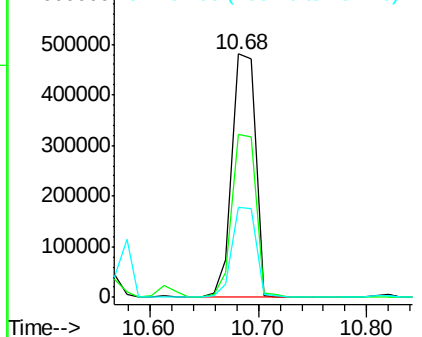
#65
 n-Nitrosodiphenylamine
 Concen: 38.39 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion:169 Resp: 715020
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.2 81.2
 167 37.0 30.2 45.4



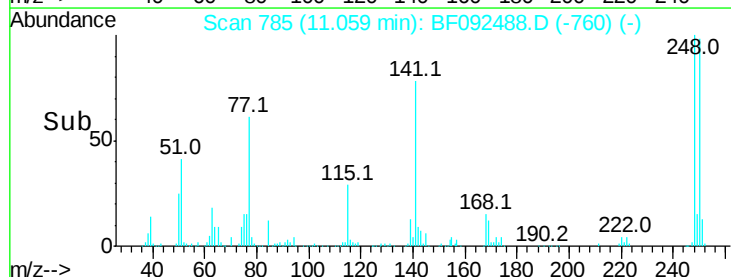
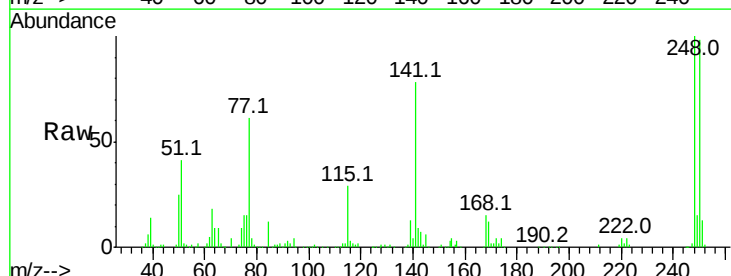
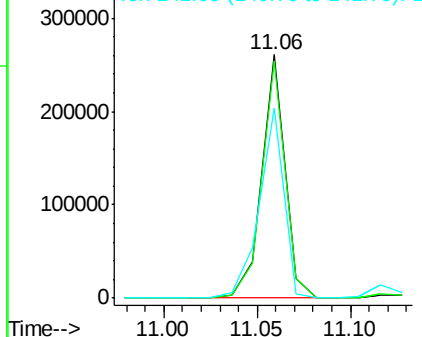
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

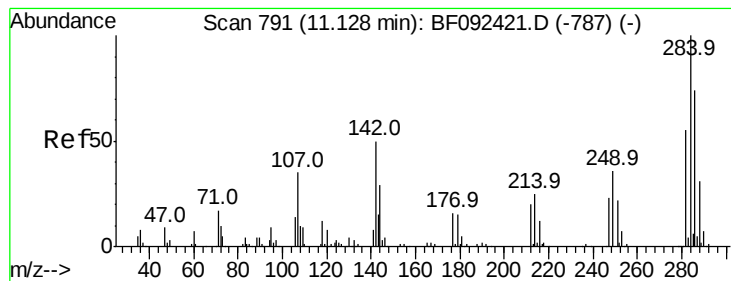


#66
 4-Bromophenyl-phenylether
 Concen: 36.99 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:248 Resp: 222769
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 77.9 68.2 102.4

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





#67

Hexachlorobenzene

Concen: 37.50 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

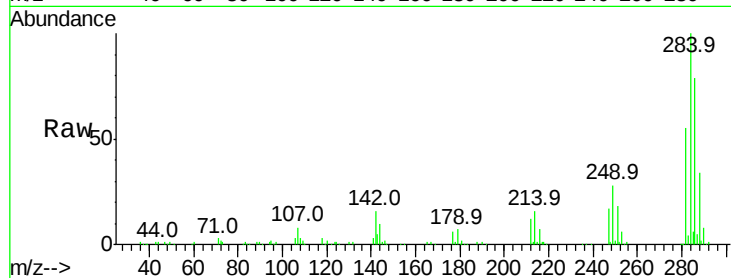
Tot Ion:284 Resp: 228288

Ion Ratio Lower Upper

284 100

142 16.2 22.6 33.8#

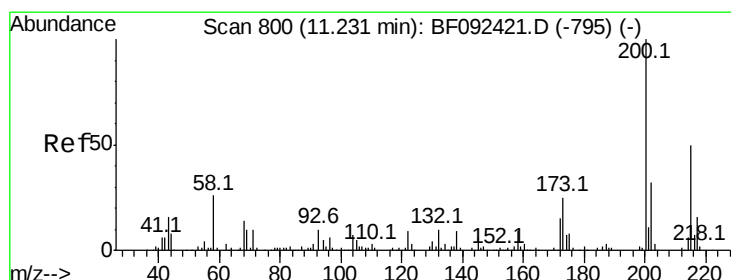
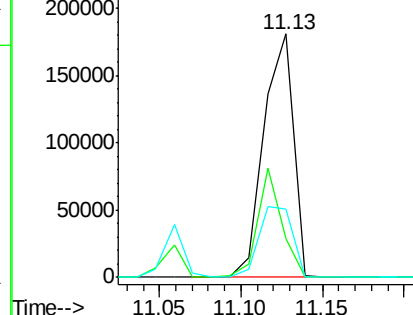
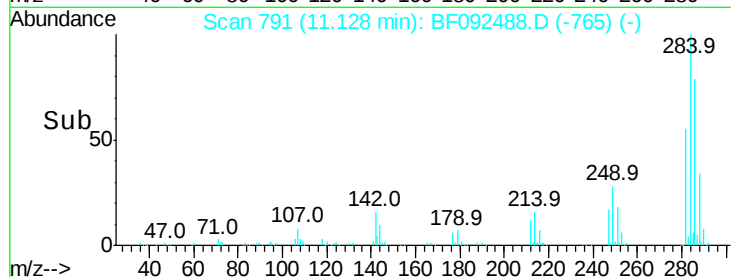
249 28.0 25.4 38.0



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: 40.79 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

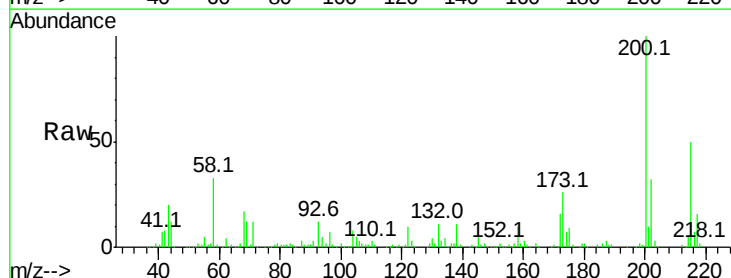
Tgt Ion:200 Resp: 260037

Ion Ratio Lower Upper

200 100

173 26.0 9.6 49.6

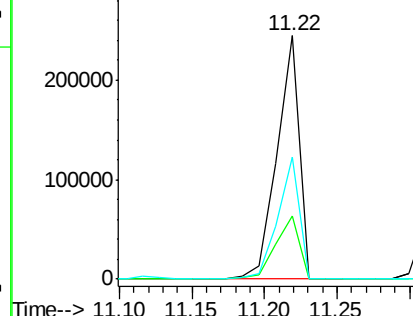
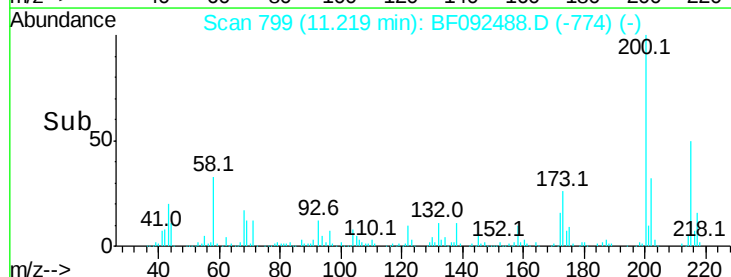
215 49.9 25.7 65.7

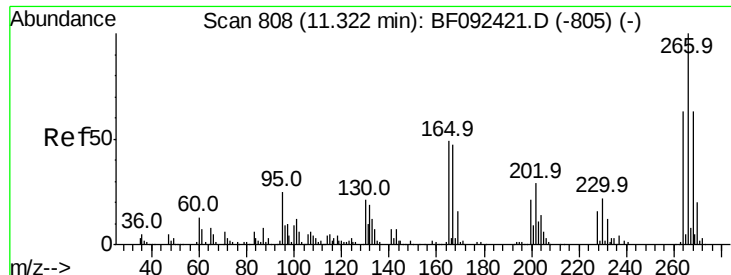


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

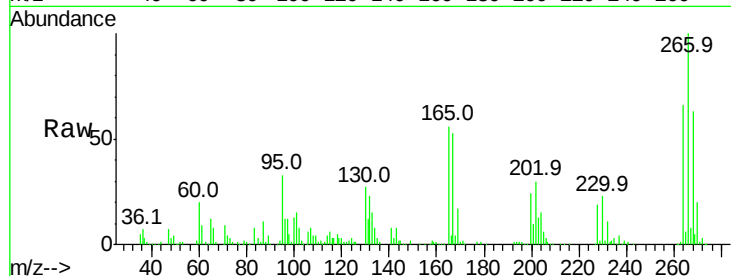




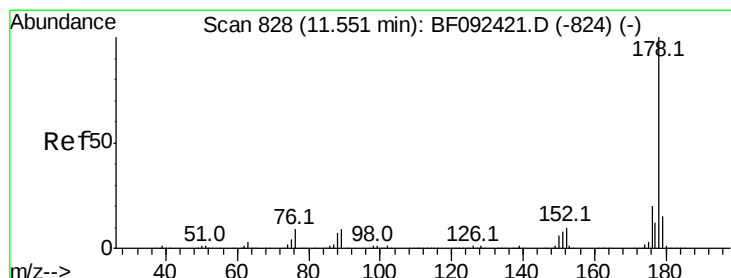
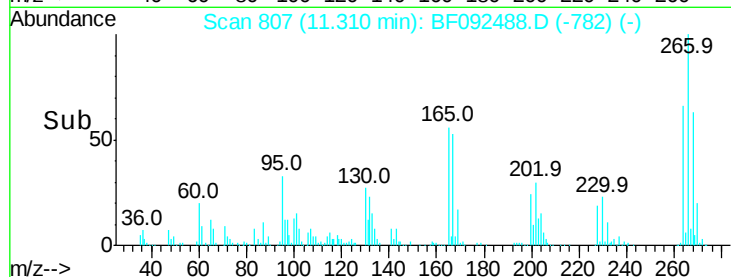
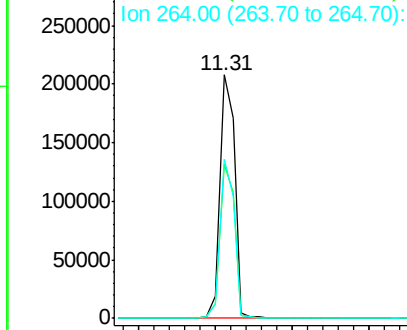
#69
 Pentachlorophenol
 Concen: 72.05 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

Tot Ion:266 Resp: 280395
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 65.5 50.3 75.5

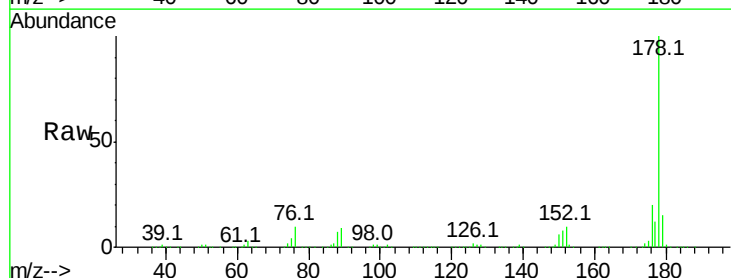


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

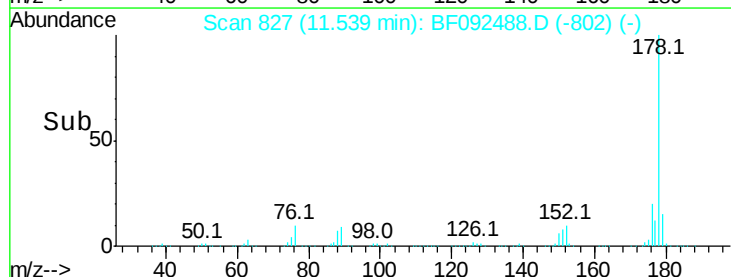
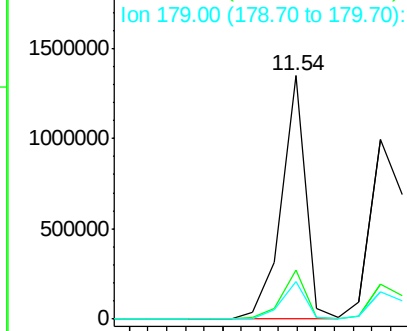


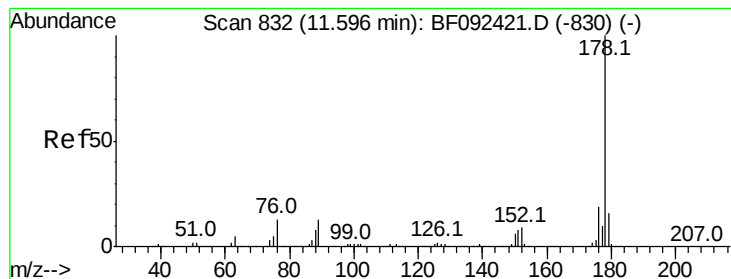
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:178 Resp: 1215873
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.4 12.8 19.2



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: 38.19 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

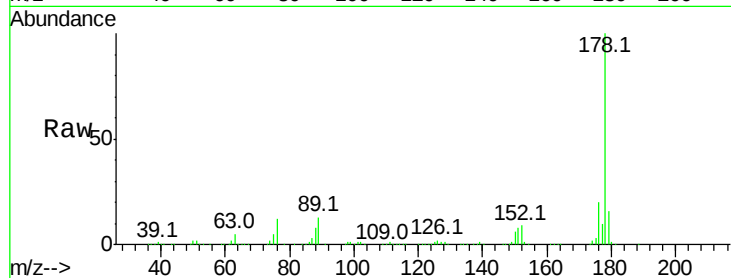
Tot Ion:178 Resp: 1225867

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

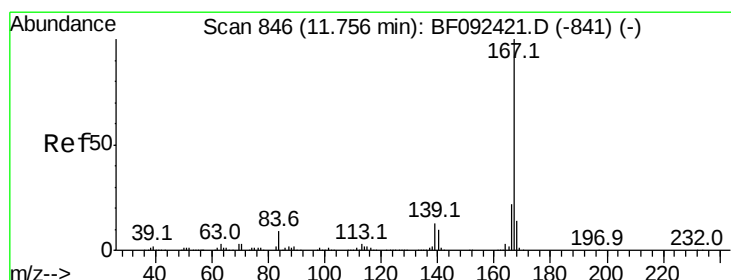
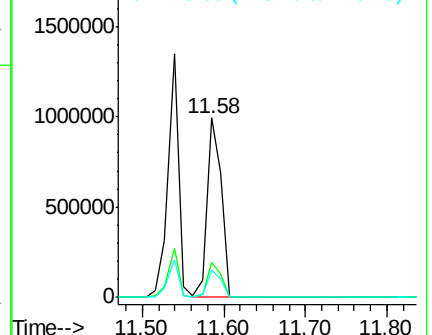
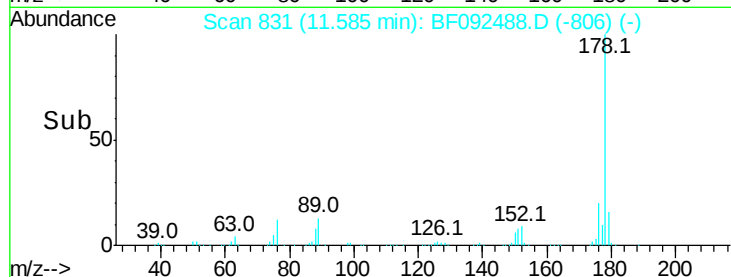
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.11 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

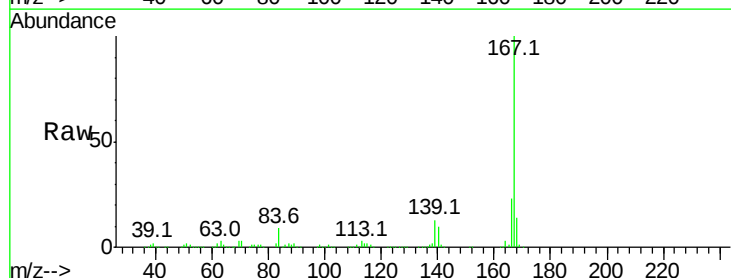
Tgt Ion:167 Resp: 1229408

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

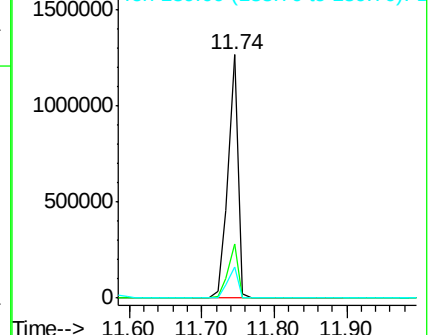
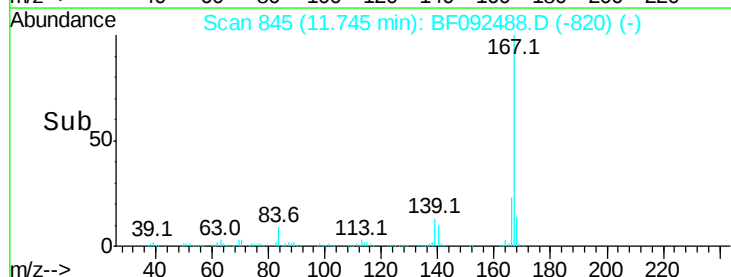
139 12.7 11.4 17.2

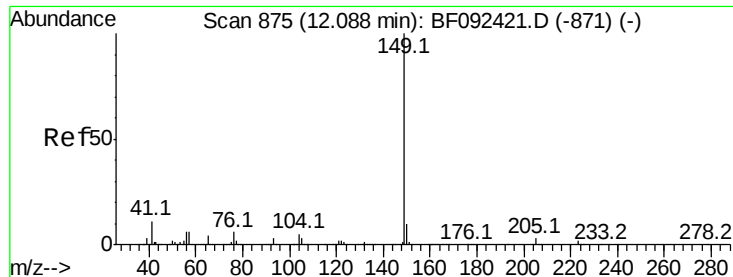


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

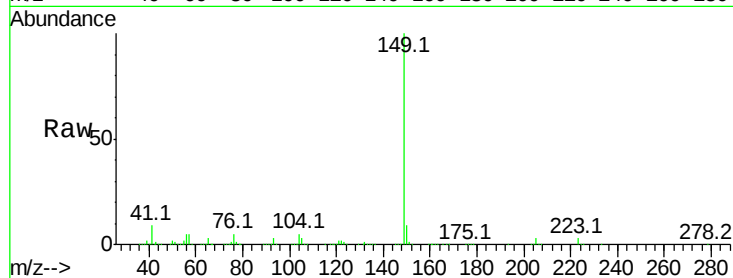
Tot Ion:149 Resp: 1378999

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

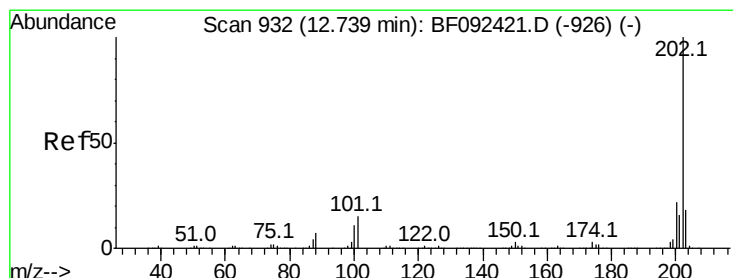
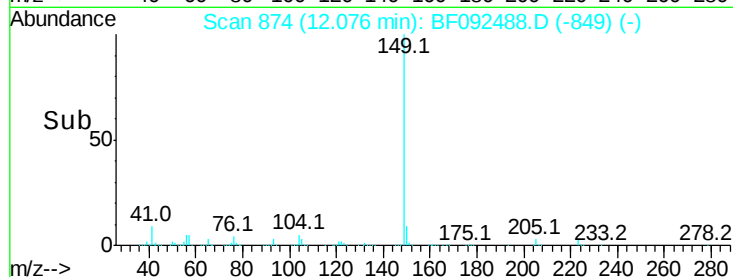
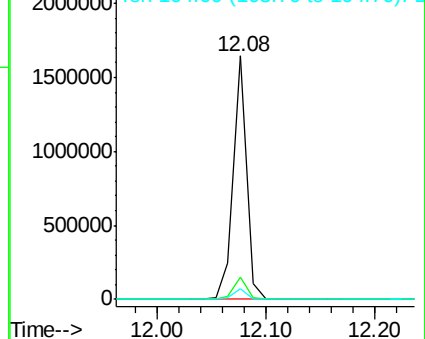
104 4.6 4.6 7.0#



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: 41.65 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

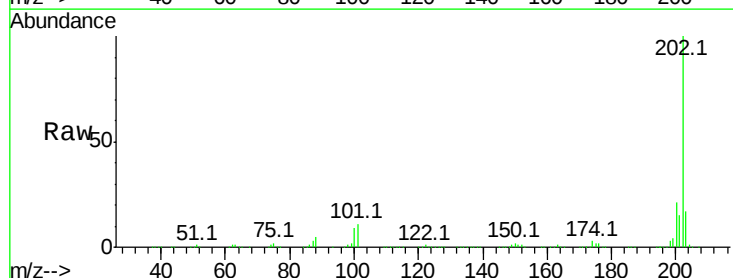
Tgt Ion:202 Resp: 1338048

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.6

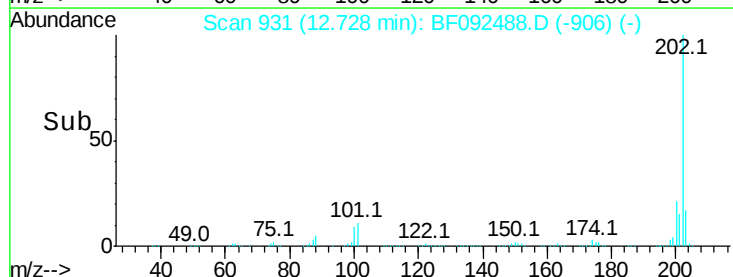
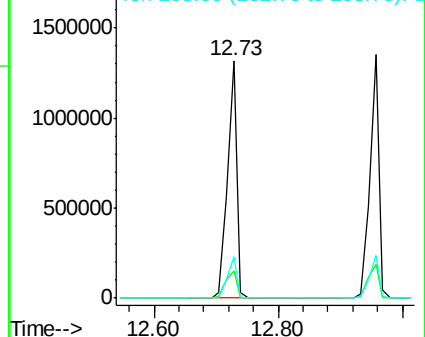
203 17.3 0.0 38.7

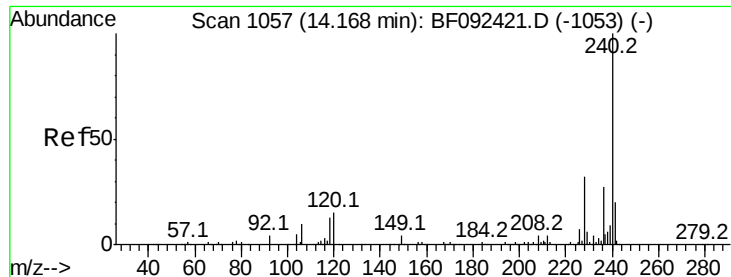


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

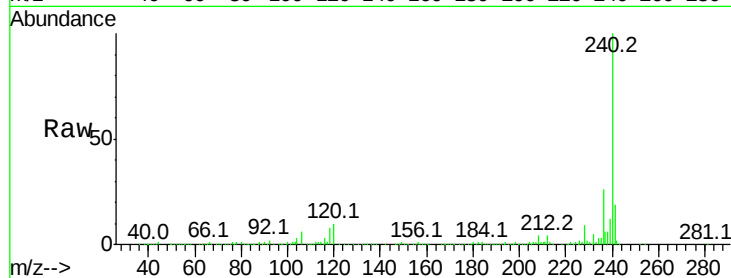
Tot Ion:240 Resp: 509293

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

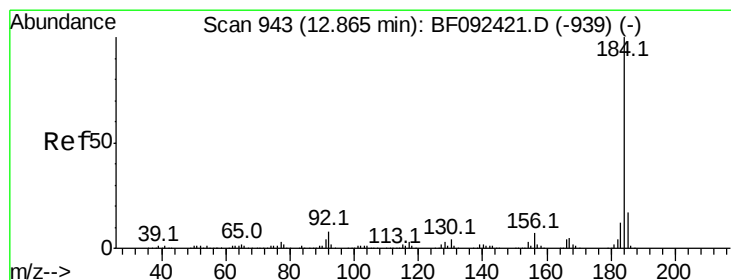
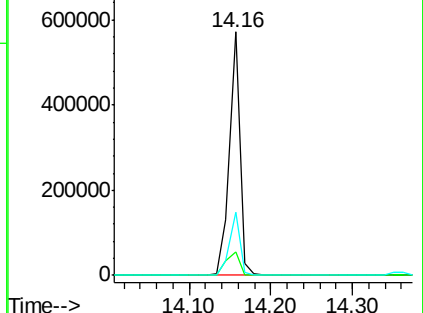
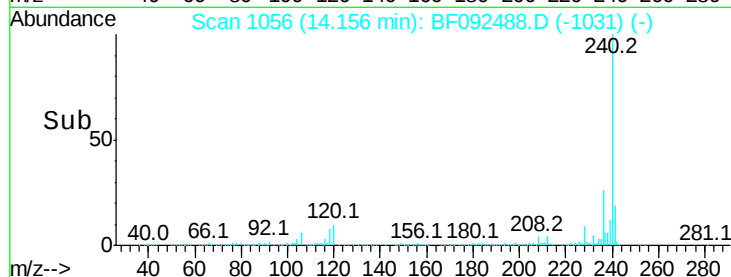
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.02 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

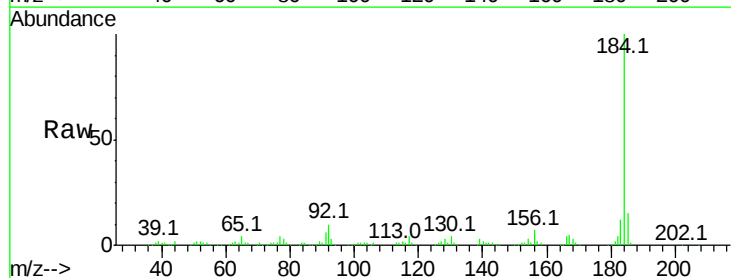
Tgt Ion:184 Resp: 265039

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

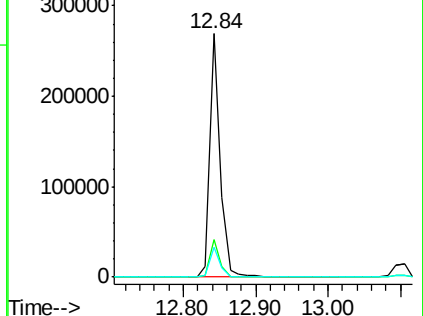
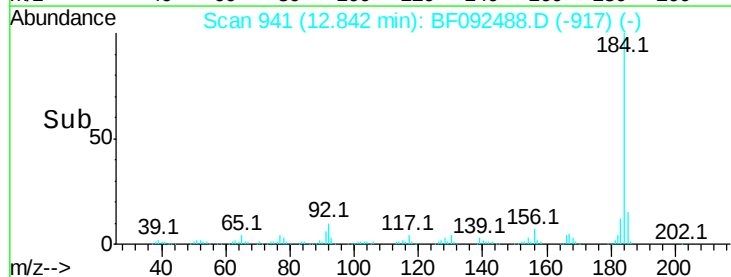
183 12.2 9.2 13.8

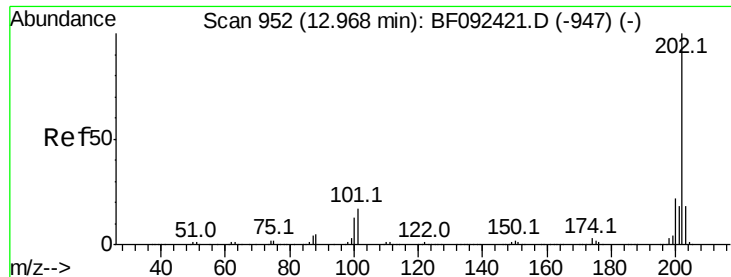


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.03 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

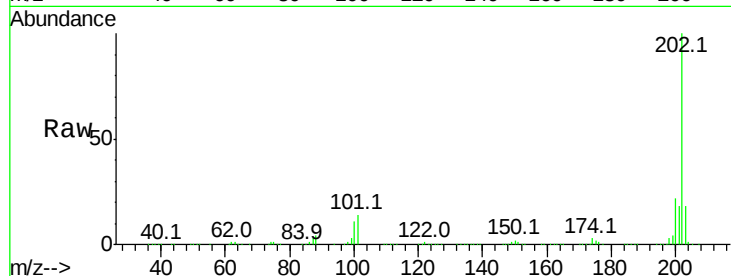
Tot Ion:202 Resp: 1329588

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

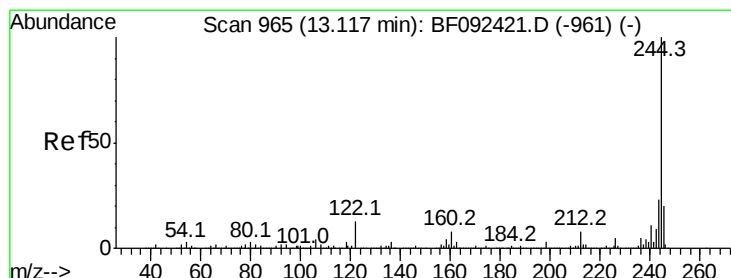
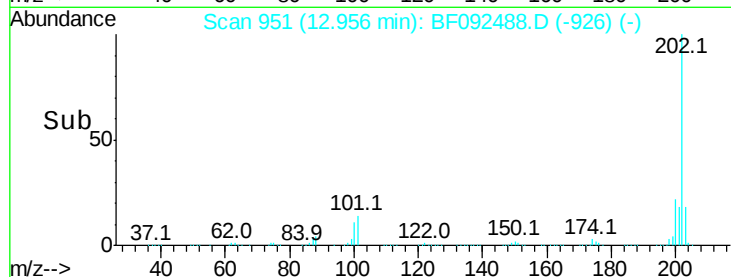
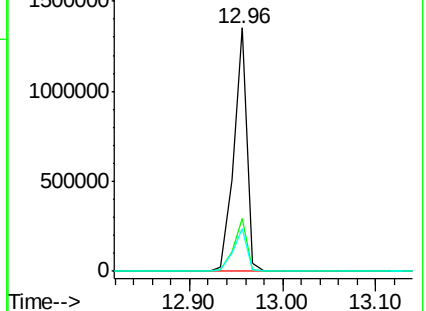
203 17.7 14.7 22.1



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: 78.98 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

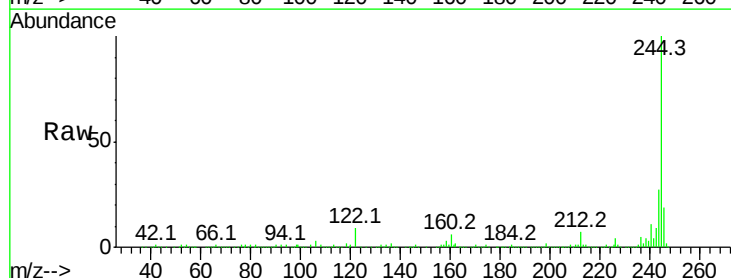
Tgt Ion:244 Resp: 1510462

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

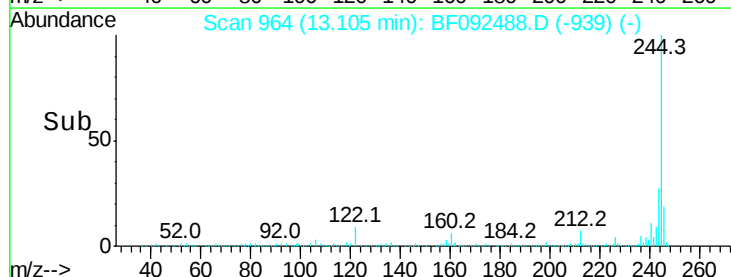
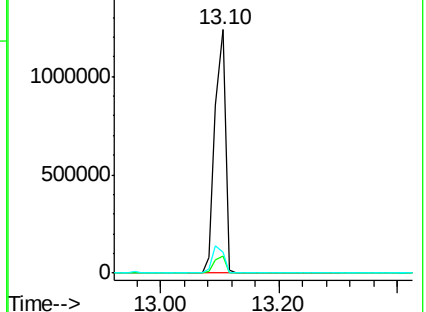
122 8.8 11.4 17.2#

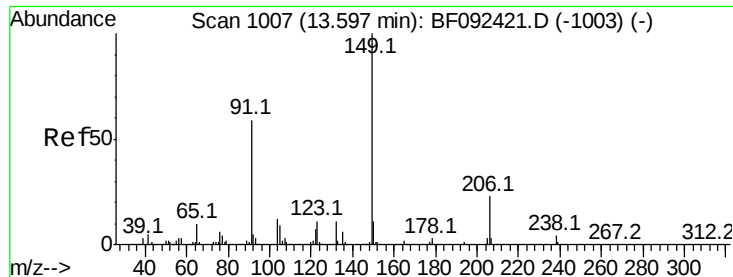


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

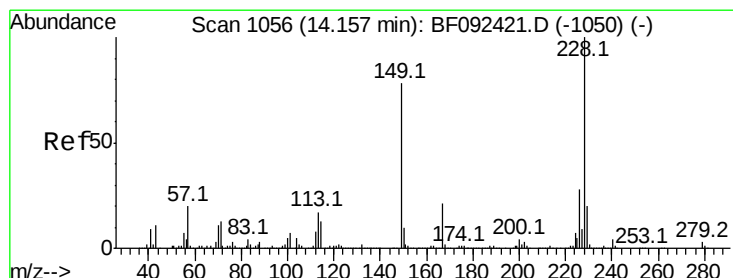
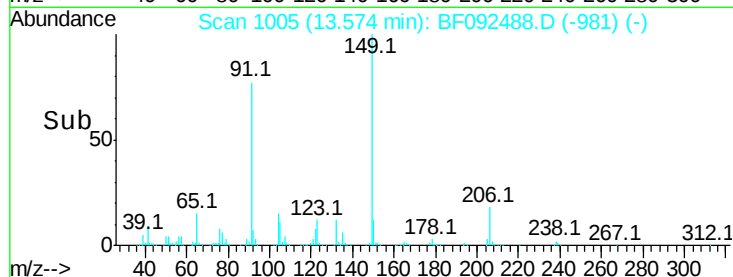
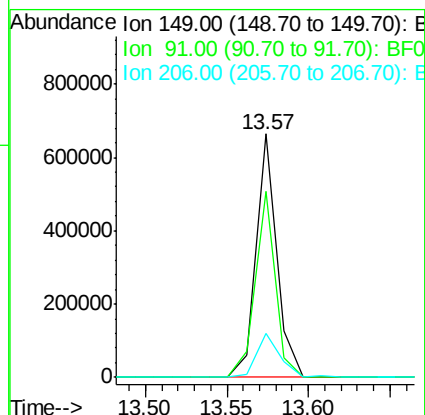
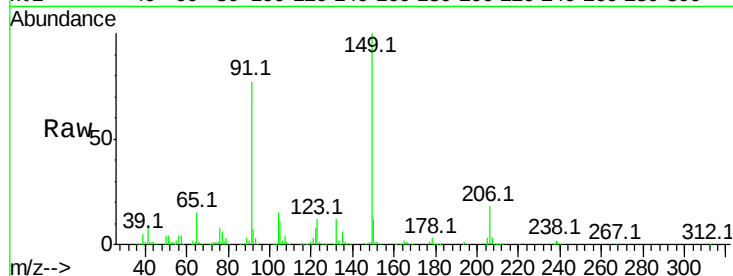




#79
Butylbenzylphthalate
Concen: 39.24 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

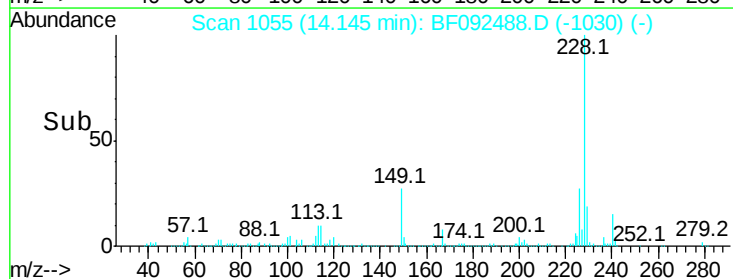
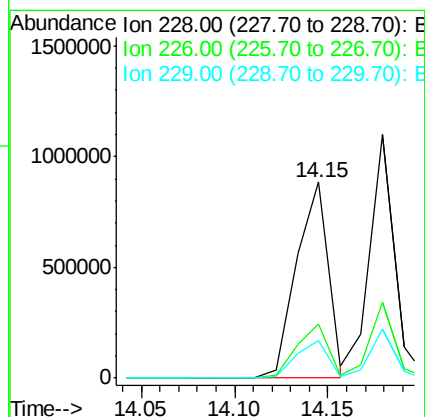
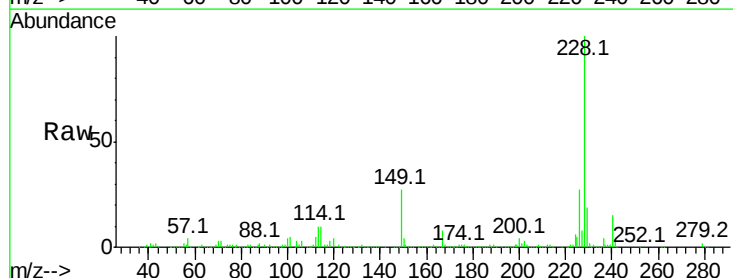
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

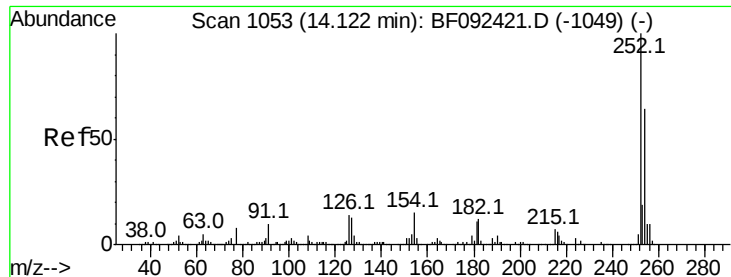
Tot Ion:149 Resp: 586632
Ion Ratio Lower Upper
149 100
91 76.5 63.9 95.9
206 17.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.58 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:228 Resp: 1055884
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 19.4 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 13.78 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

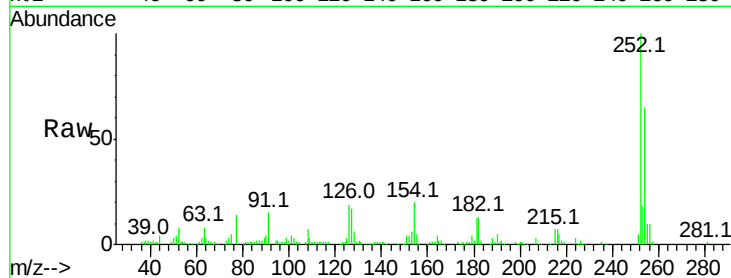
Tot Ion:252 Resp: 143245

Ion Ratio Lower Upper

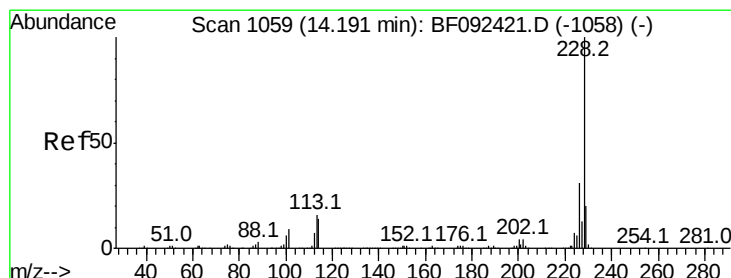
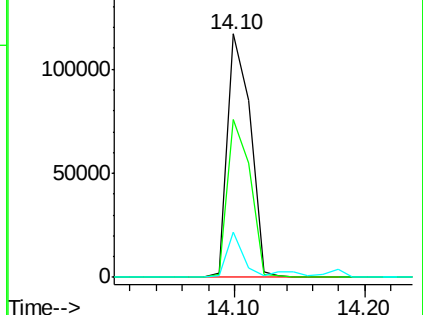
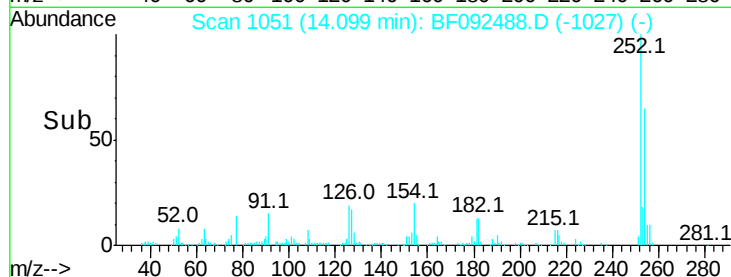
252 100

254 64.7 52.3 78.5

126 18.8 13.6 20.4



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



#82

Chrysene

Concen: 34.35 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

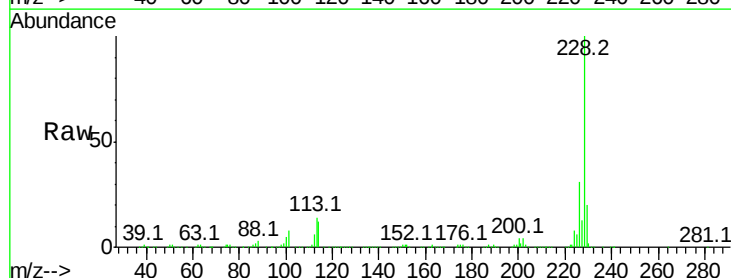
Tgt Ion:228 Resp: 1003962

Ion Ratio Lower Upper

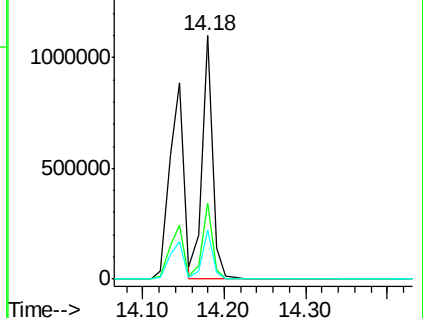
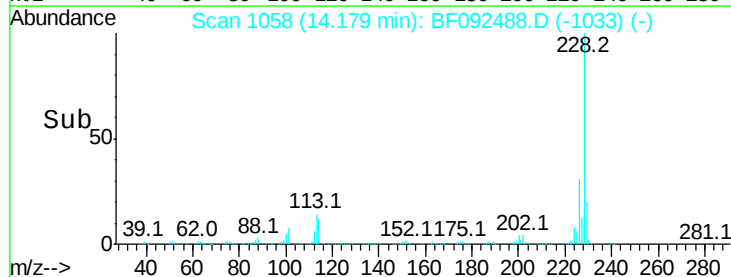
228 100

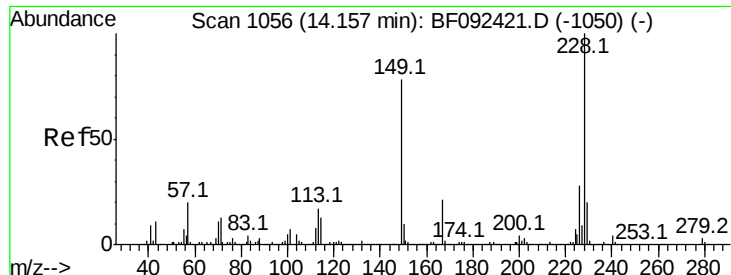
226 31.1 25.4 38.0

229 20.2 16.2 24.2



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

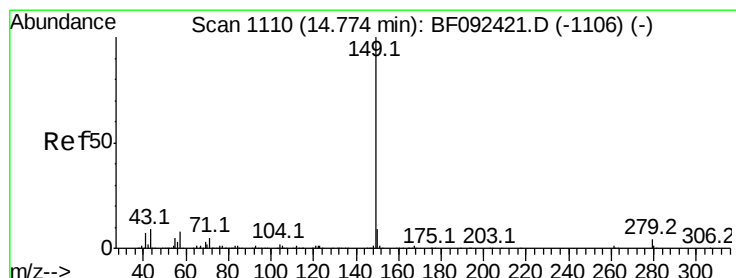
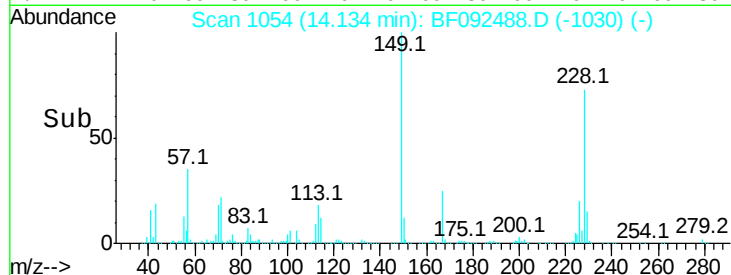
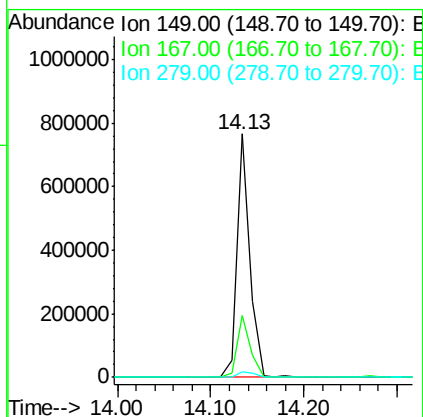
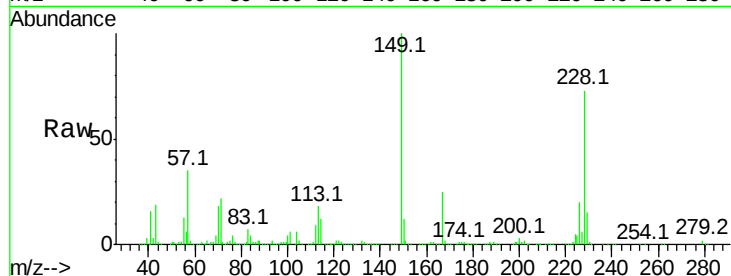




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.07 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

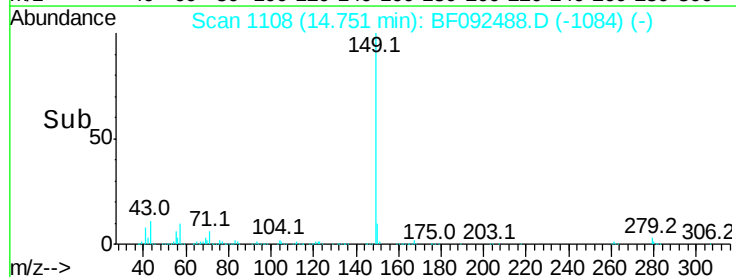
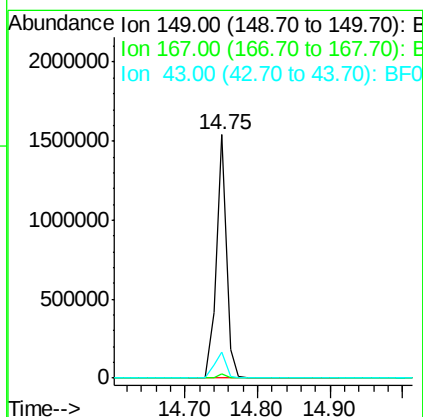
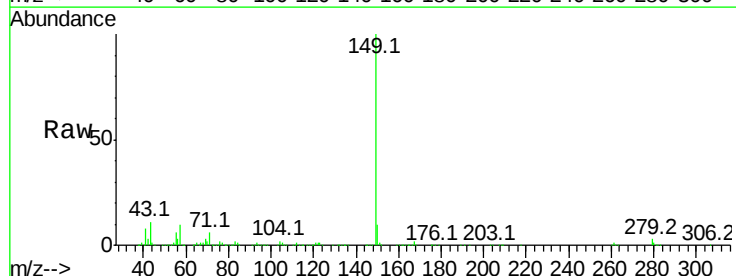
Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

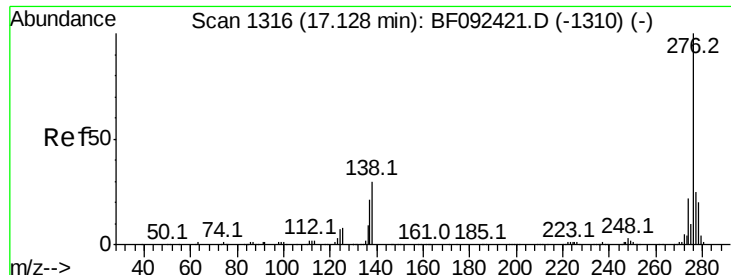
Tot Ion:149 Resp: 735639
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.4
 279 2.3 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.53 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:149 Resp: 1487670
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.5 8.9 13.3

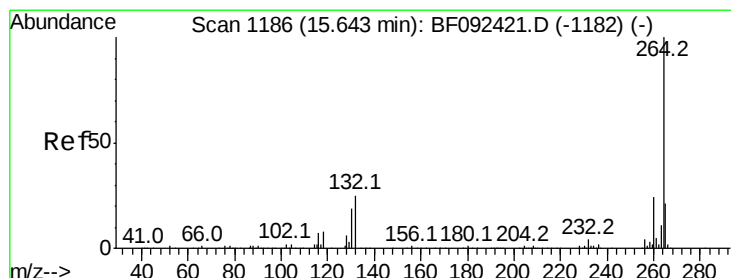
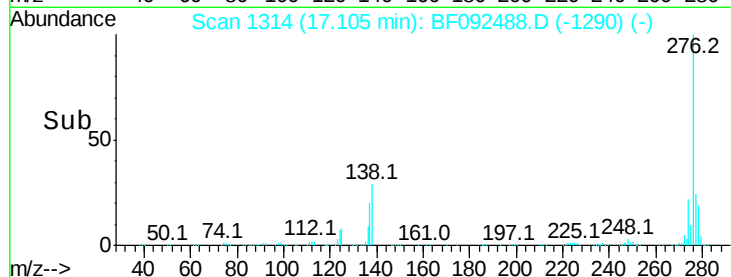
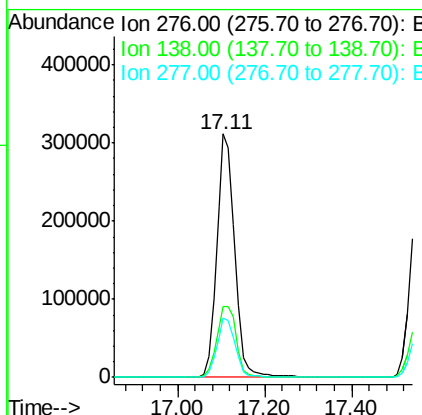
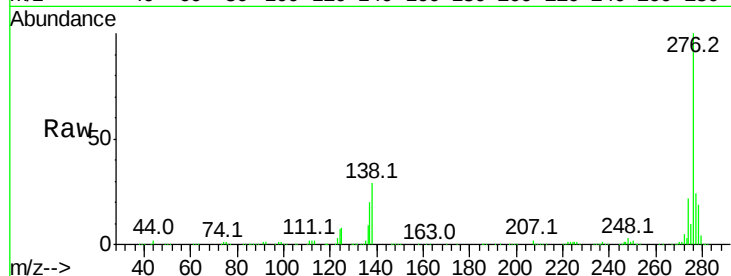




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.82 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

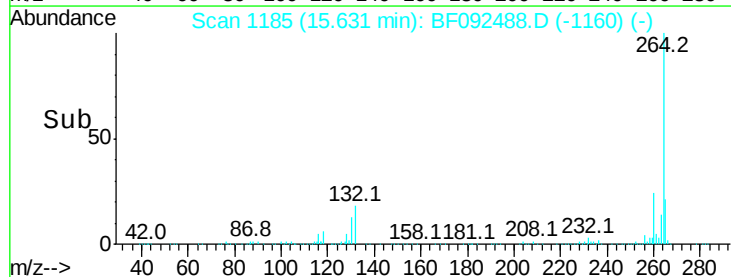
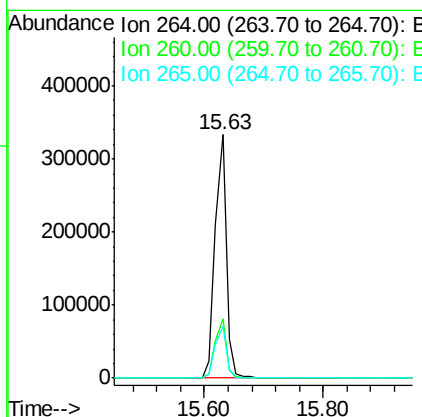
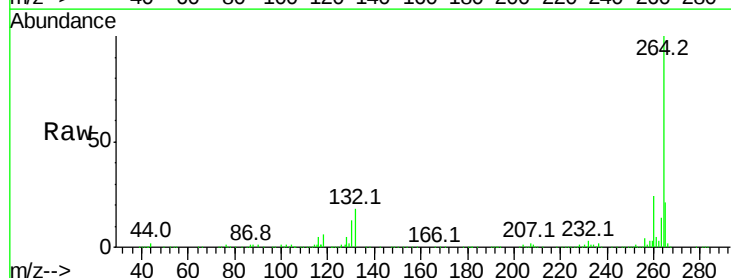
Instrument :
 BNA_F
 ClientSampleId :
 PB96313BSD

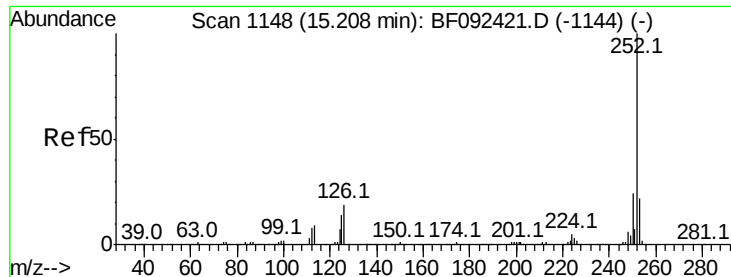
Tot Ion:276 Resp: 904474
 Ion Ratio Lower Upper
 276 100
 138 32.4 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092488.D
 Acq: 25 Jan 2017 20:35

Tgt Ion:264 Resp: 437942
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0

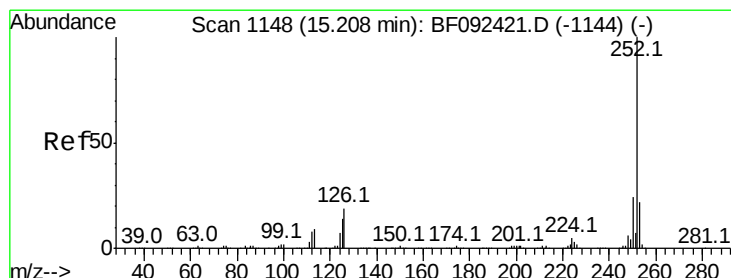
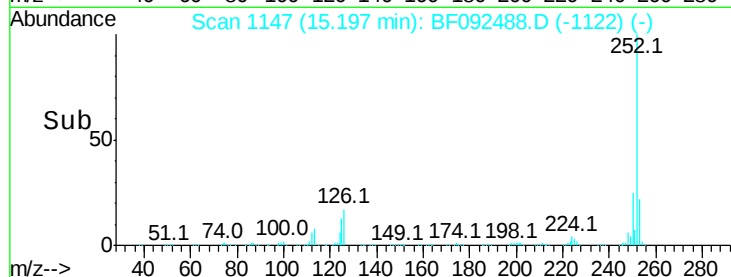
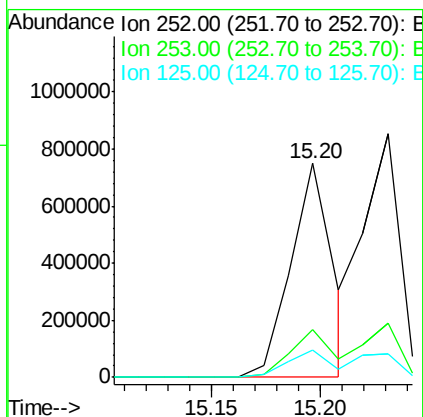
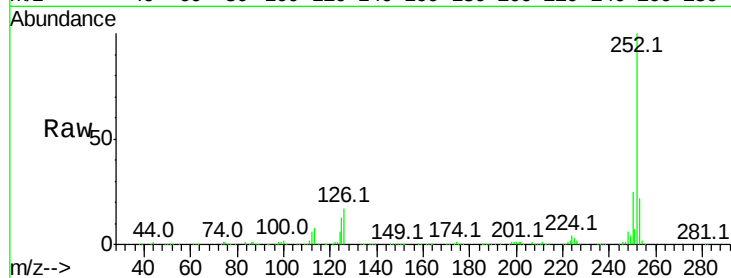




#87
Benzo(b)fluoranthene
Concen: 35.52 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

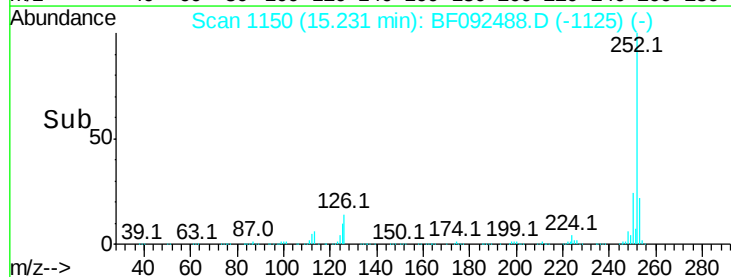
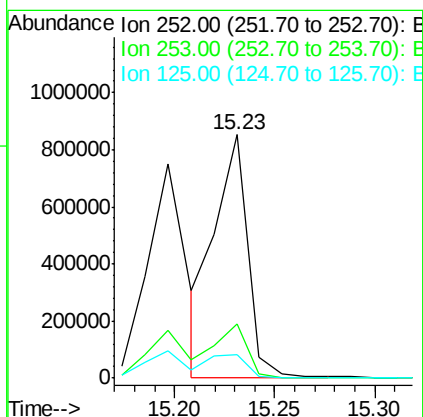
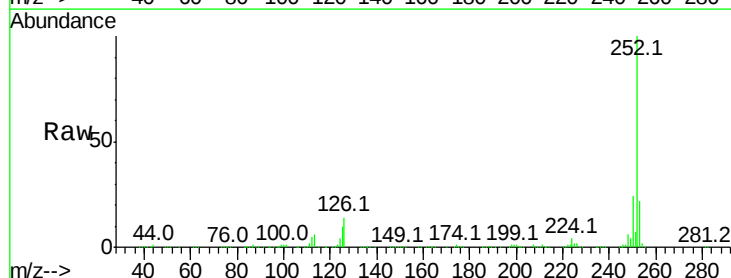
Instrument :
BNA_F
ClientSampleId :
PB96313BSD

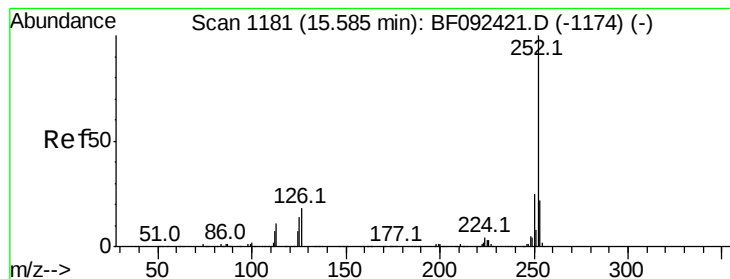
Tot Ion:252 Resp: 998694
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 42.81 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092488.D
Acq: 25 Jan 2017 20:35

Tgt Ion:252 Resp: 1000778
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 9.5 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.29 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

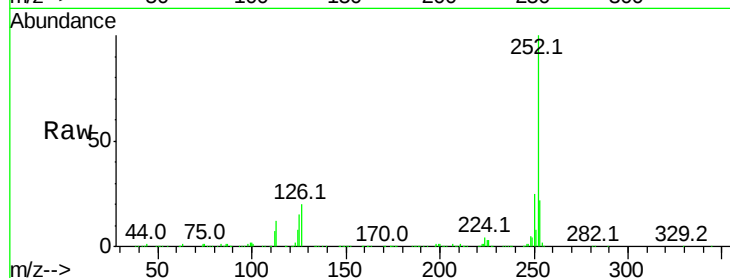
Tot Ion:252 Resp: 958232

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

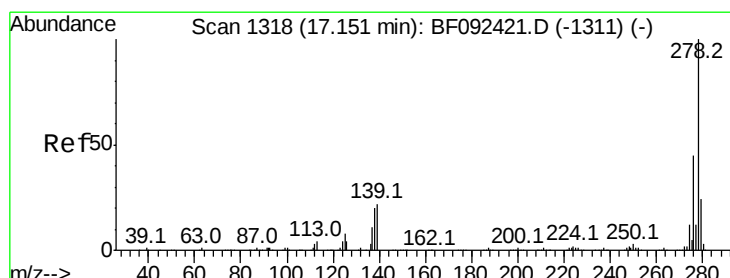
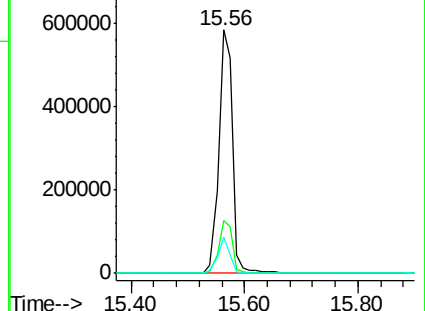
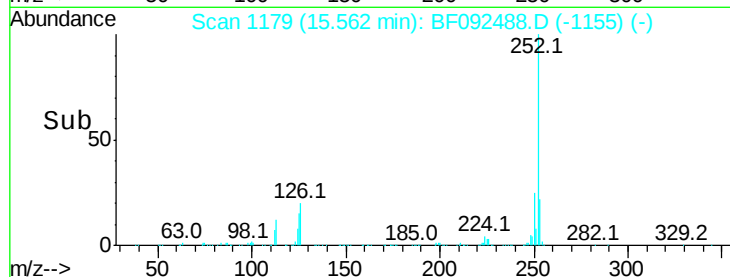
125 15.0 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.16 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

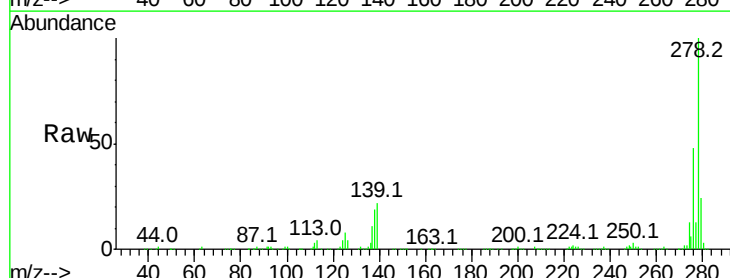
Tgt Ion:278 Resp: 753155

Ion Ratio Lower Upper

278 100

139 21.8 14.8 22.2

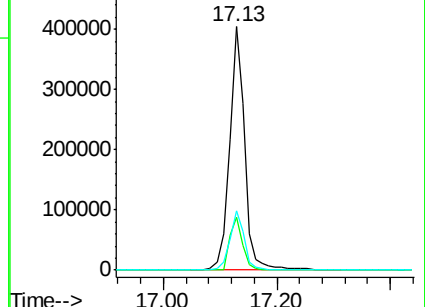
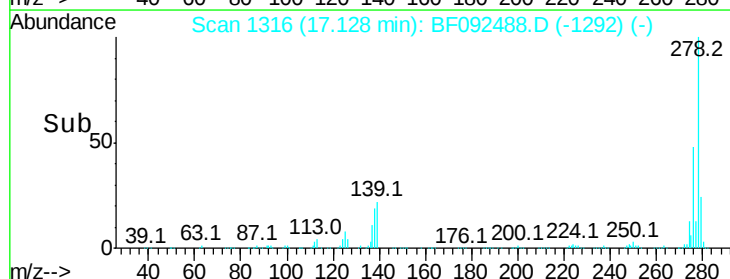
279 24.1 19.8 29.6

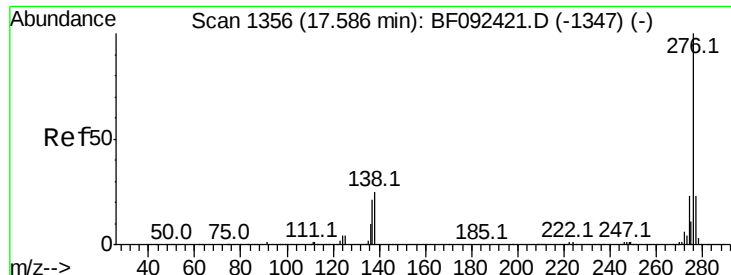


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.78 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF092488.D

Acq: 25 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

PB96313BSD

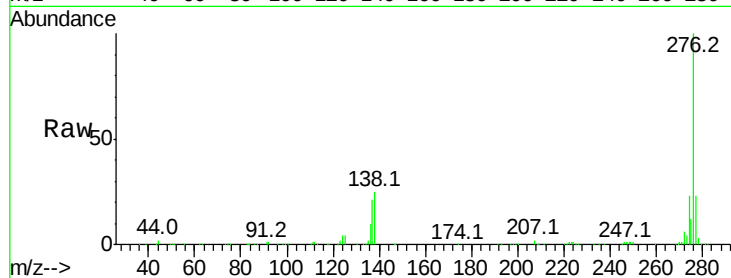
Tot Ion: 276 Resp: 754219

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 25.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

