

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114006.D
 Acq On : 26 Apr 2019 13:32
 Operator : JU/SJ
 Sample : PB119206BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BL

Quant Time: Apr 26 22:58:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

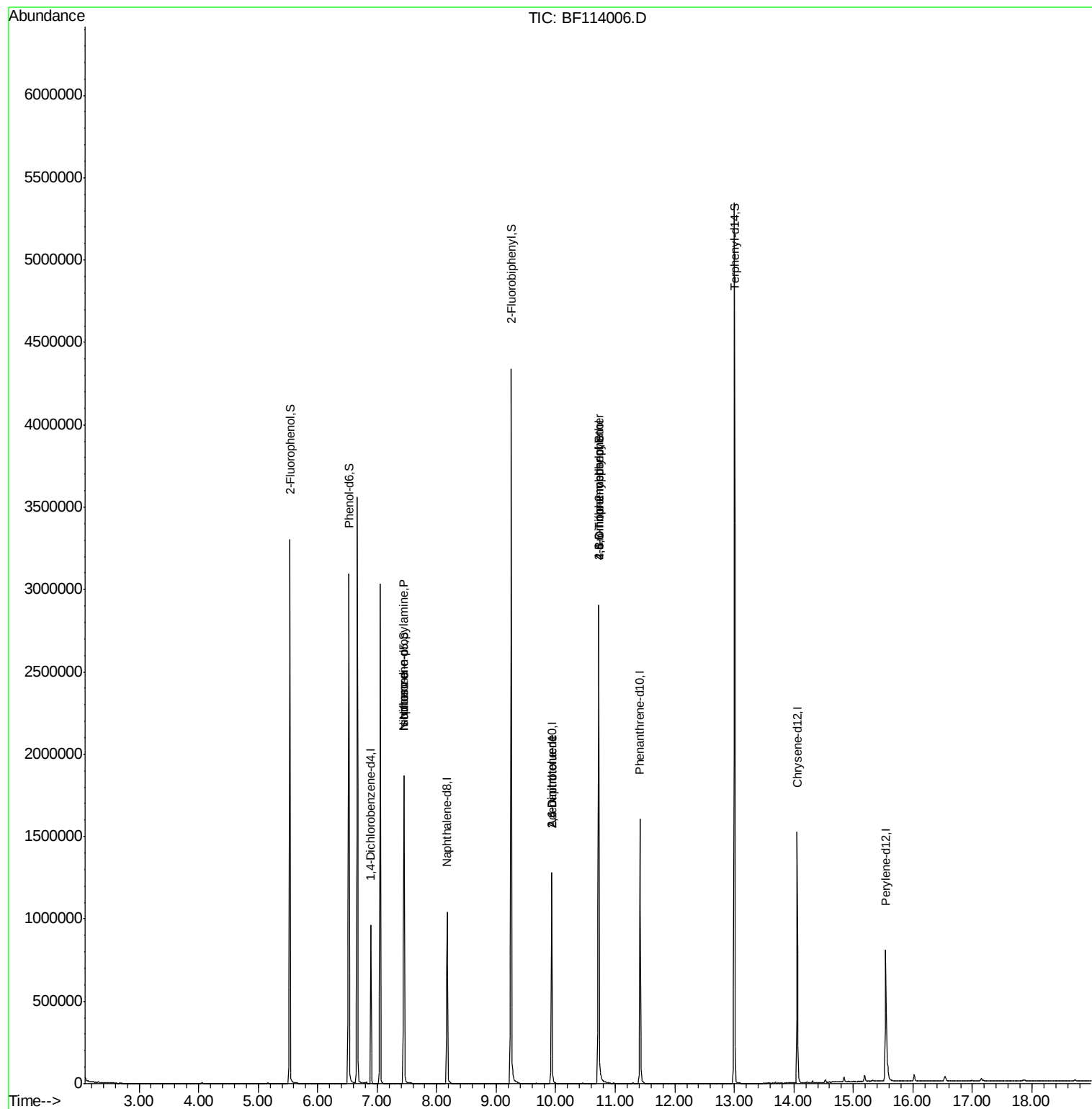
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	152190	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	573530	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	308675	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	658167	20.00	ng	0.00
76) Chrysene-d12	14.06	240	558202	20.00	ng	-0.01
87) Perylene-d12	15.54	264	493475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1028046	115.53	ng	0.02
7) Phenol-d6	6.53	99	1325114	118.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	820089	88.29	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	463961	123.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1700655	86.17	ng	0.00
79) Terphenyl-d14	13.00	244	2130130	78.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	25215	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.45	70	109271	15.114 ng	#	77
25) Isophorone	7.45	82	811179	42.679 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	38912	8.125 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	38912	6.437 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	684	7.500 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	29492	3.709 ng	#	1

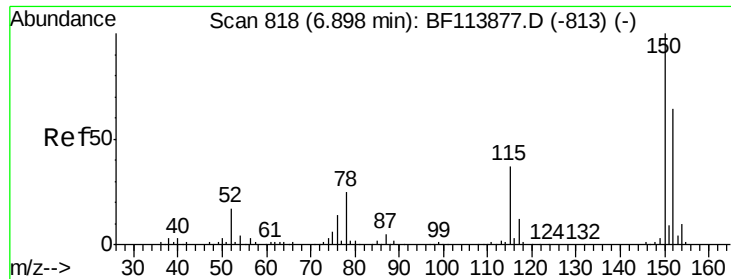
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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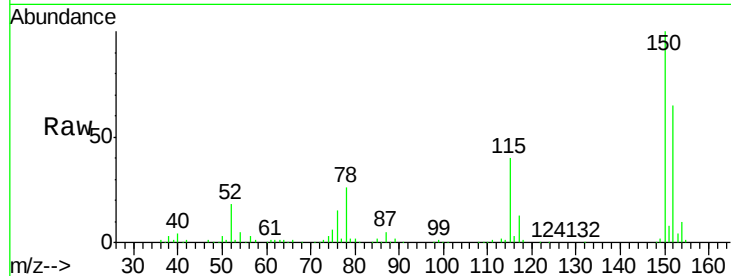


#1

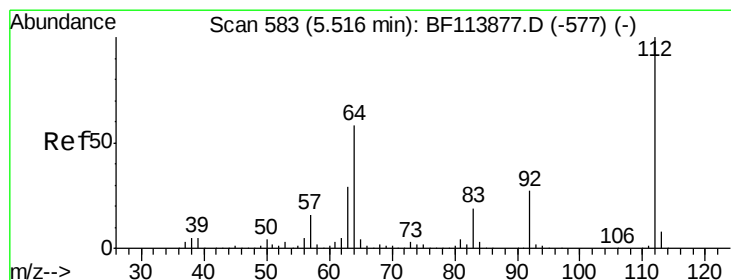
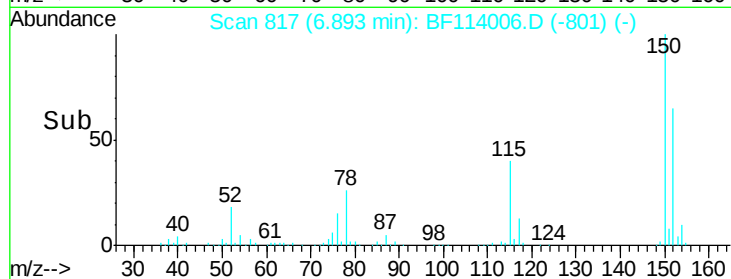
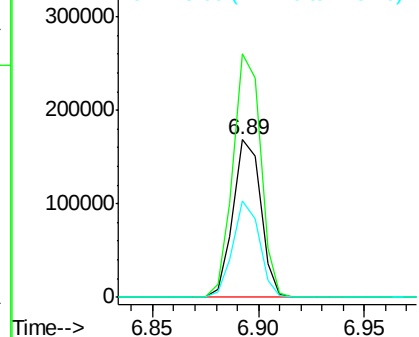
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.9	188.9
115	61.6	45.9	68.9



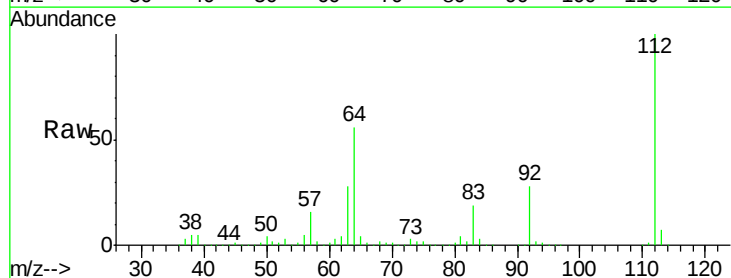
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



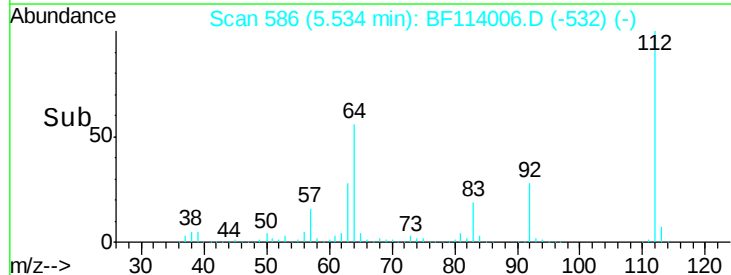
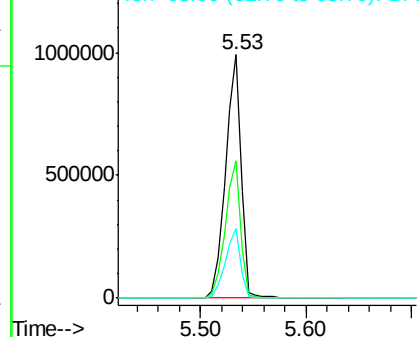
#5

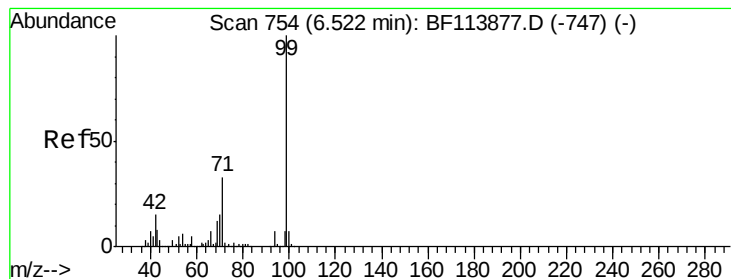
2-Fluorophenol
 Concen: 115.535 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.6	69.8
63	28.4	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.698 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119206BL

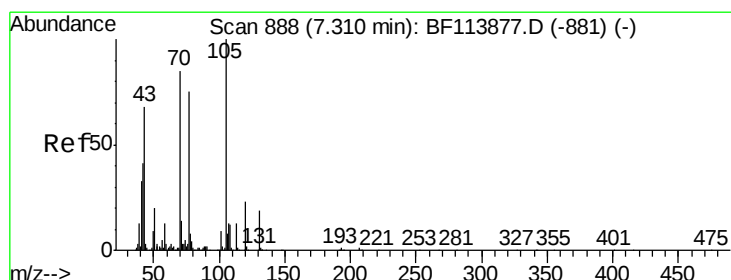
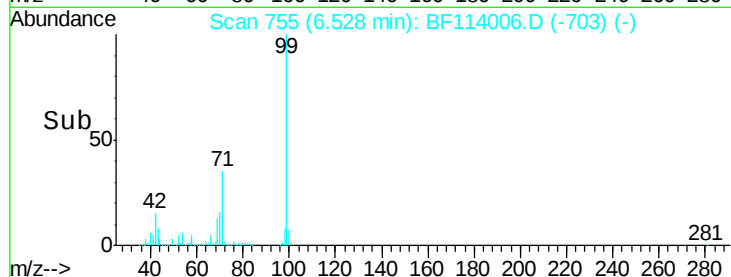
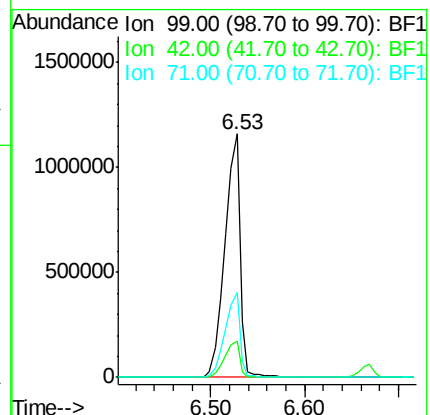
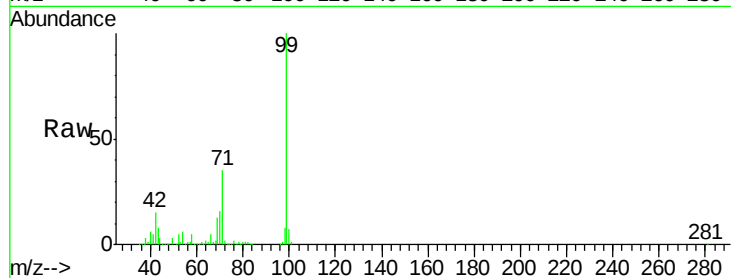
Tot Ion: 99 Resp: 1325114

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

71 34.9 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.114 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

Tgt Ion: 70 Resp: 109271

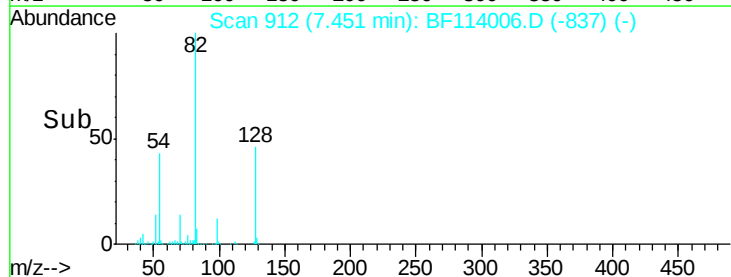
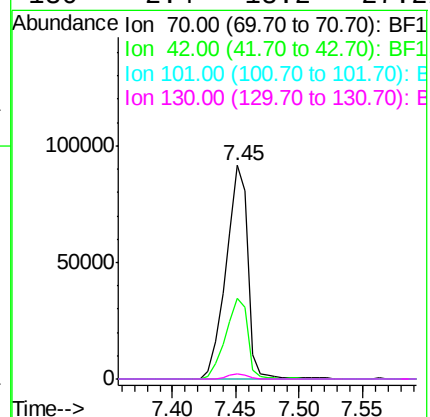
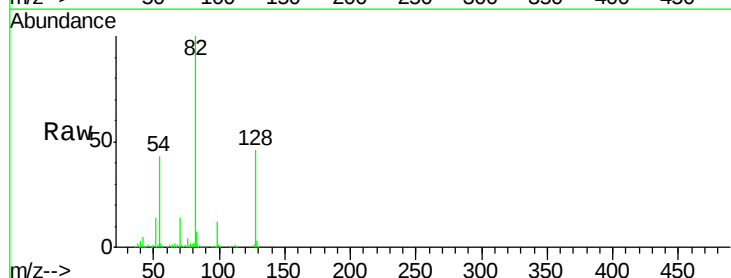
Ion Ratio Lower Upper

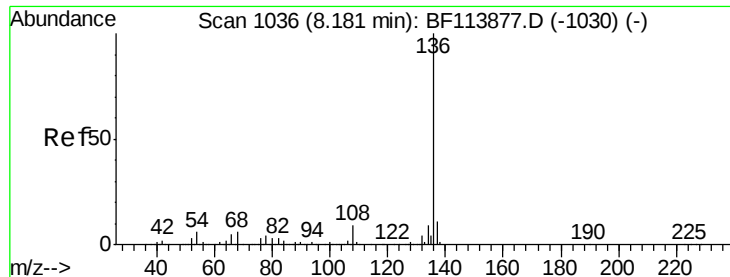
70 100

42 37.5 37.3 55.9

101 0.0 7.8 11.8#

130 2.4 18.2 27.2#

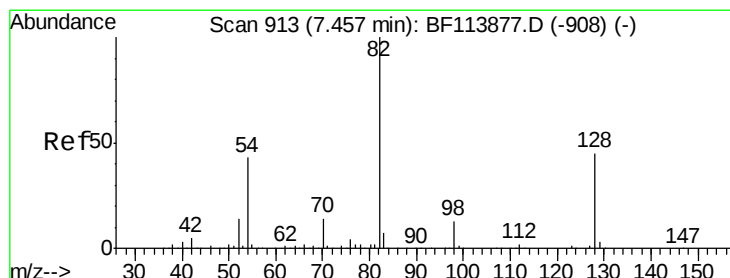
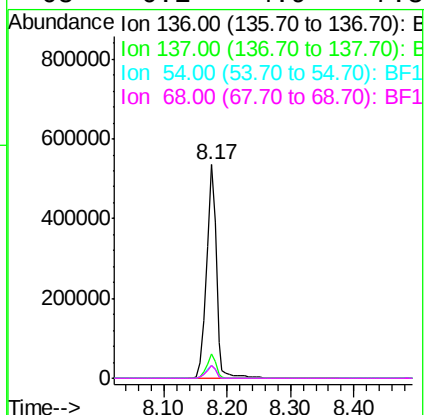
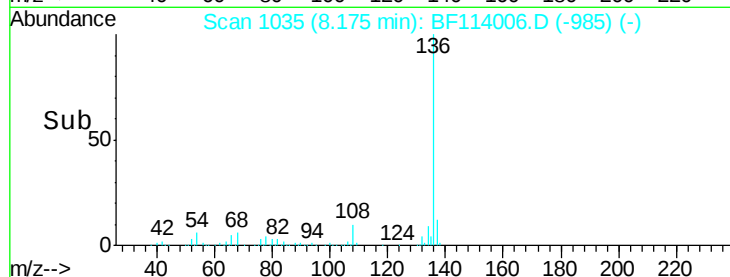
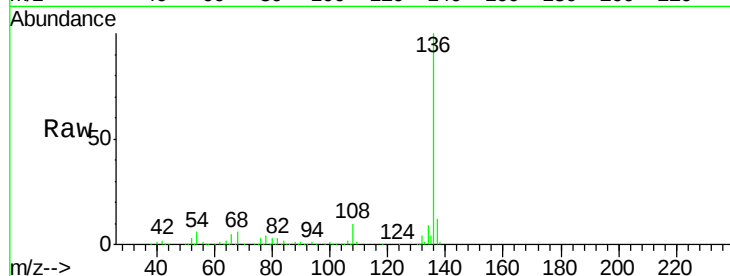




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114006.D
Acq: 26 Apr 2019 13:32

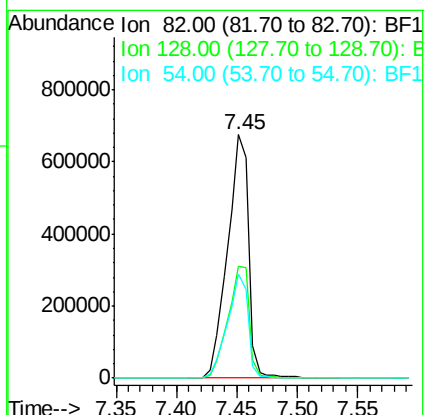
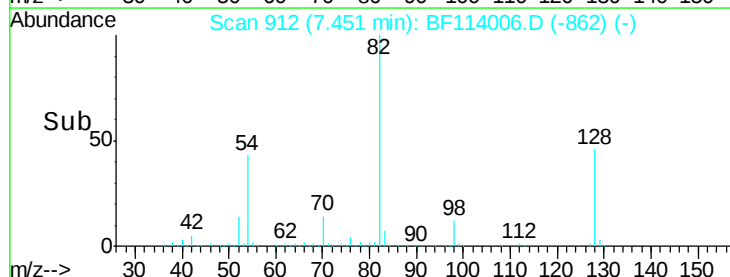
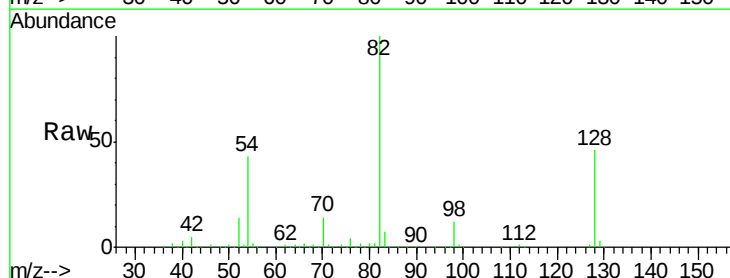
Instrument :
BNA_F
ClientSampleId :
PB119206BL

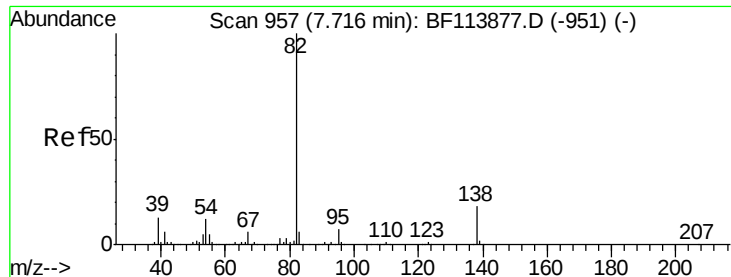
Tot Ion:136	Resp:	573530
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.6	12.8
54 6.1	5.0	7.6
68 6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.287 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114006.D
Acq: 26 Apr 2019 13:32

Tgt Ion: 82	Resp: 820089
Ion Ratio	Lower Upper
82 100	
128 45.9	36.8 55.2
54 42.7	33.8 50.6





#25

Isophorone

Concen: 42.679 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119206BL

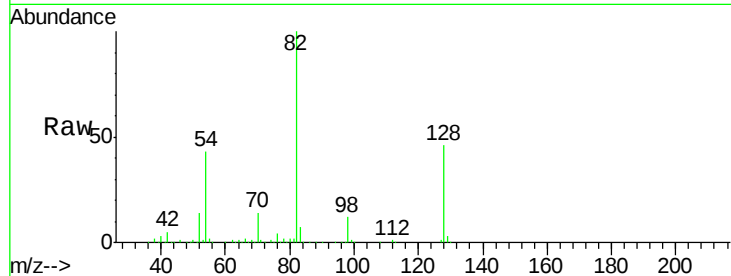
Tot Ion: 82 Resp: 811179

Ion Ratio Lower Upper

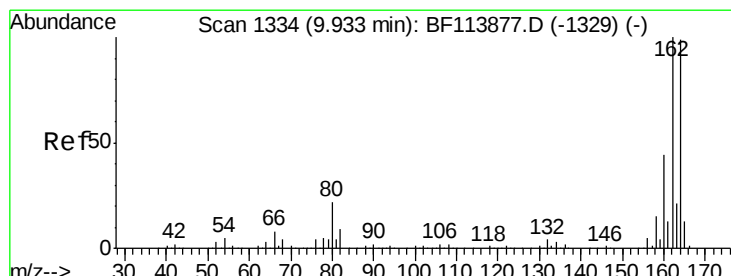
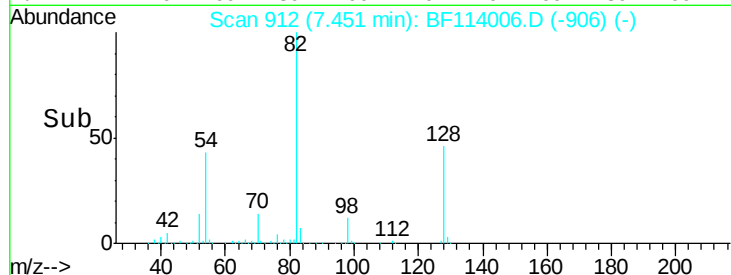
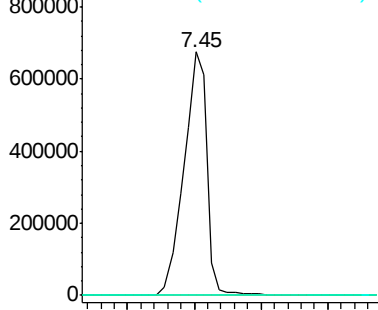
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

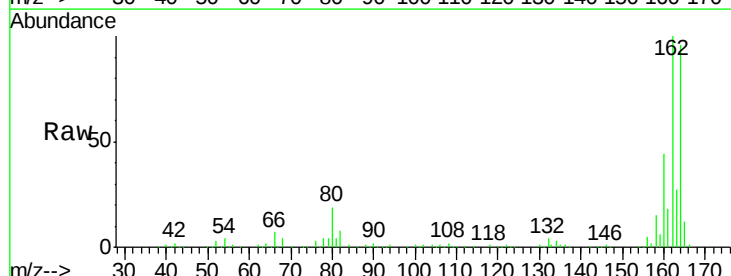
Tgt Ion:164 Resp: 308675

Ion Ratio Lower Upper

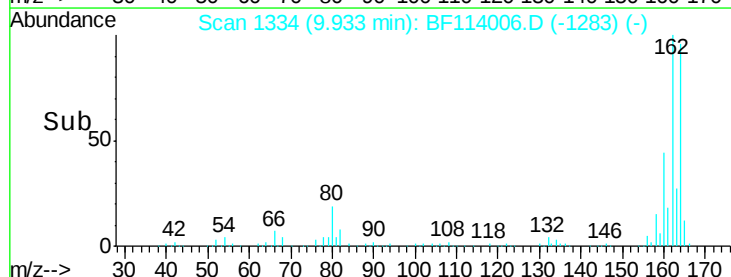
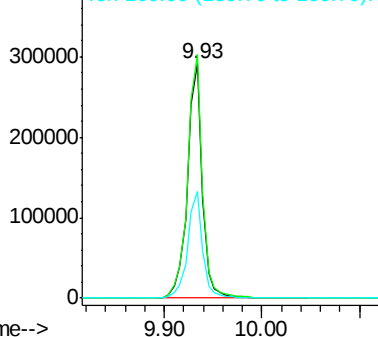
164 100

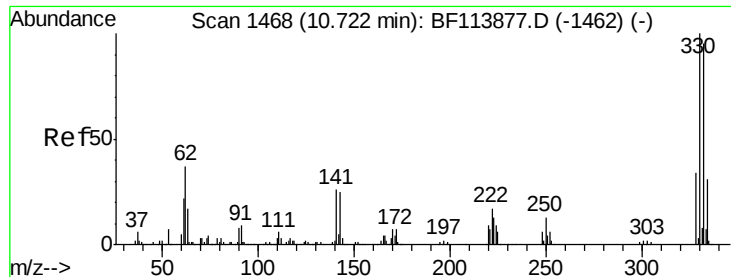
162 103.8 81.1 121.7

160 45.2 35.8 53.6



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

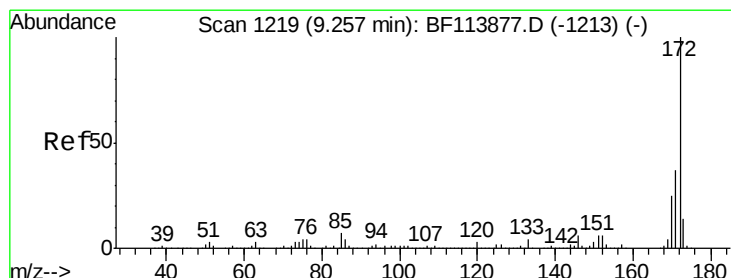
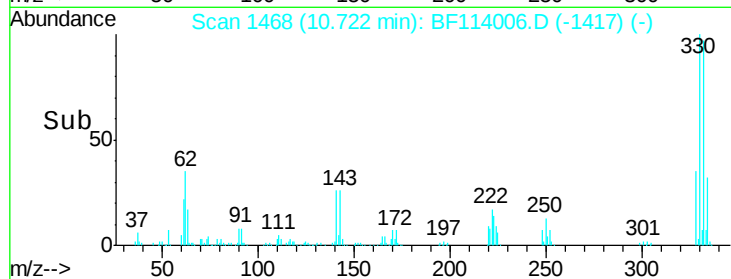
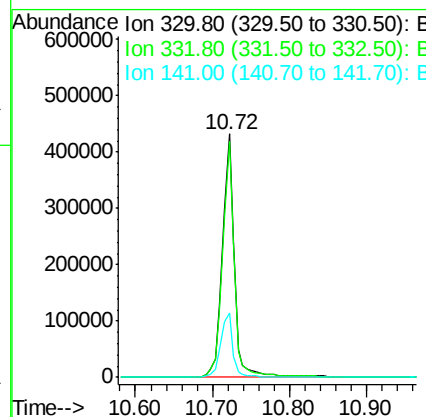
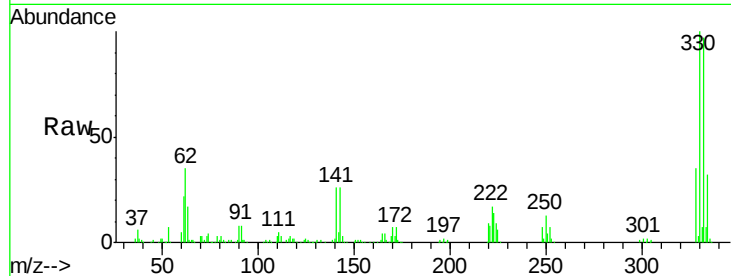




#42
 2,4,6-Tribromophenol
 Concen: 123.384 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

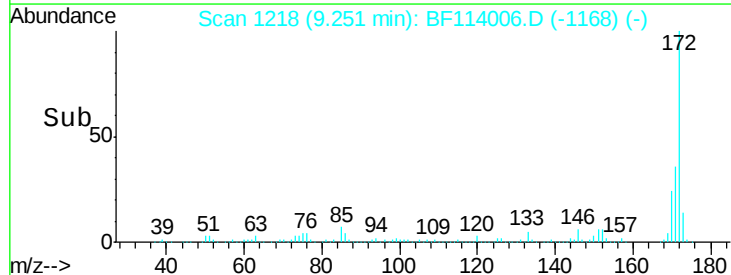
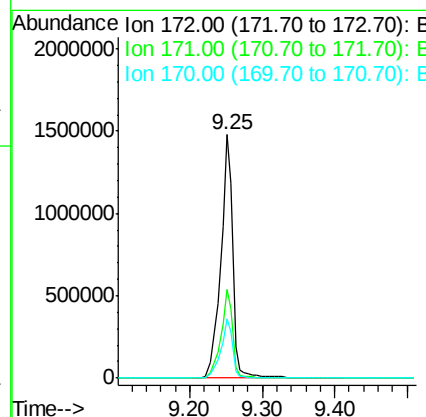
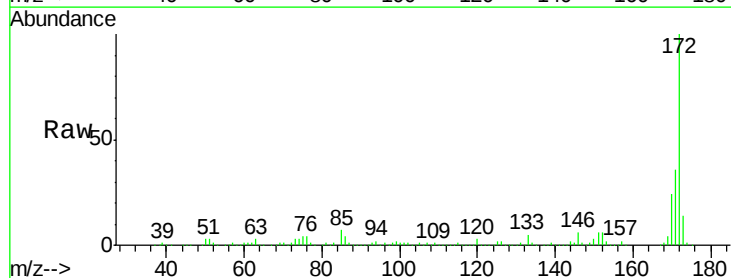
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 BNA_F
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 PB119206BL

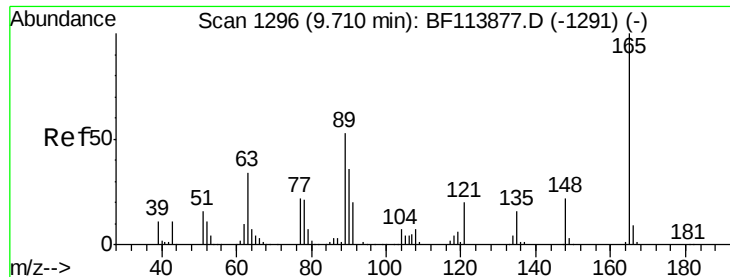
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	26.8	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 86.170 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9

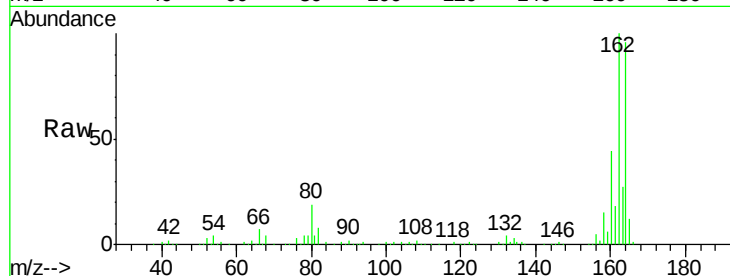




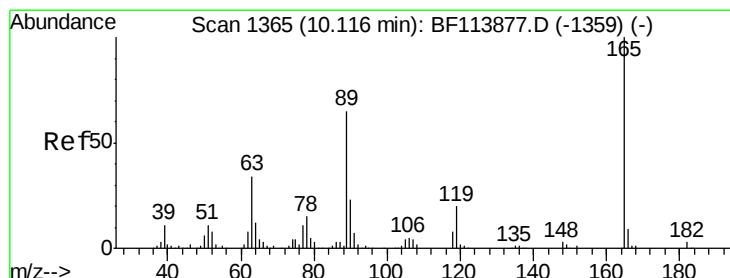
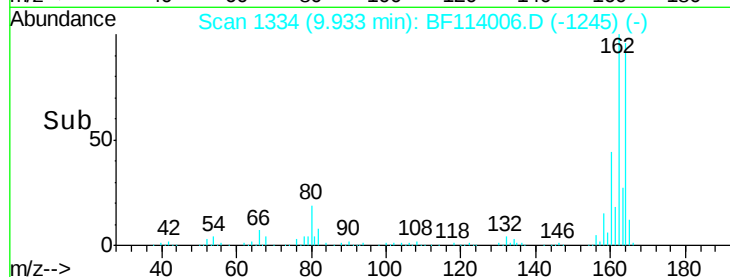
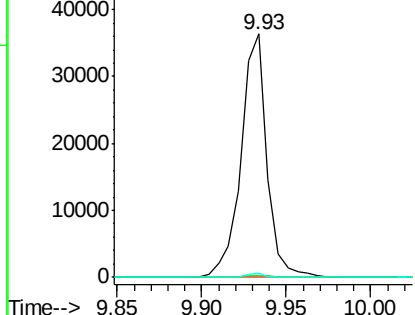
#51
 2,6-Dinitrotoluene
 Concen: 8.125 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB119206BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.8	50.8#
89	1.7	38.2	57.2#



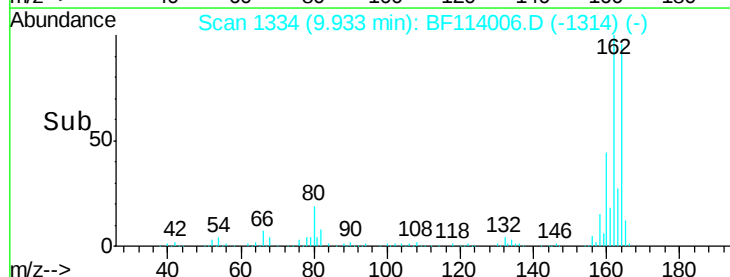
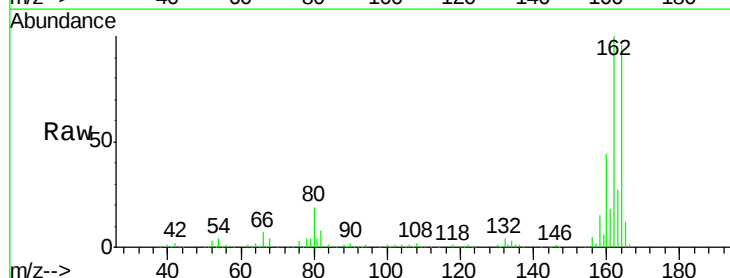
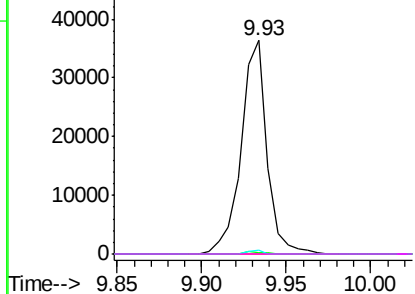
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

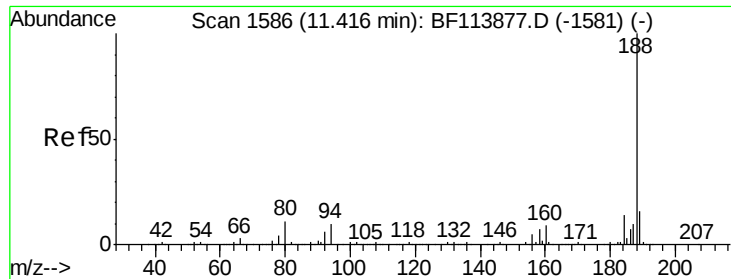


#57
 2,4-Dinitrotoluene
 Concen: 6.437 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	27.4	41.0#
89	1.7	51.8	77.6#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

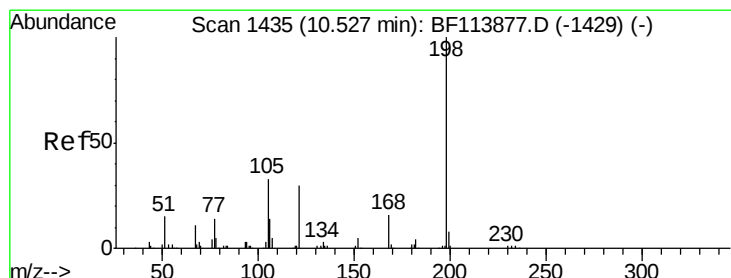
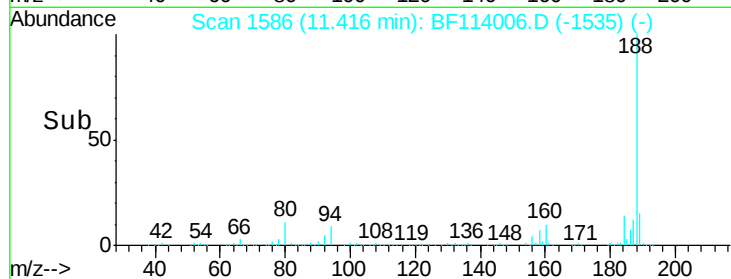
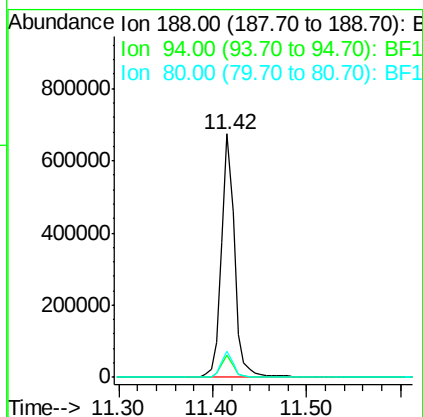
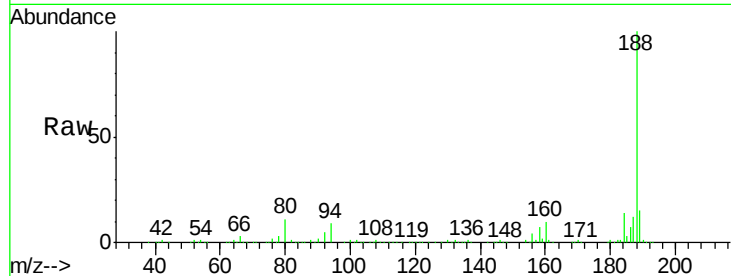




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

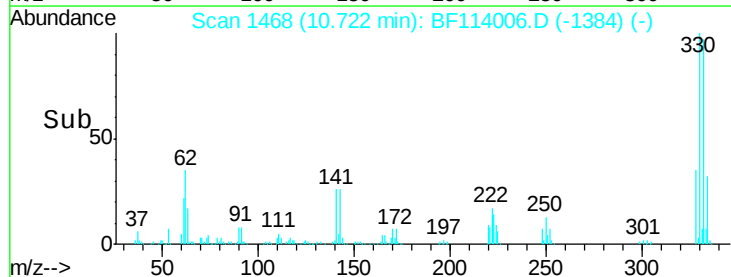
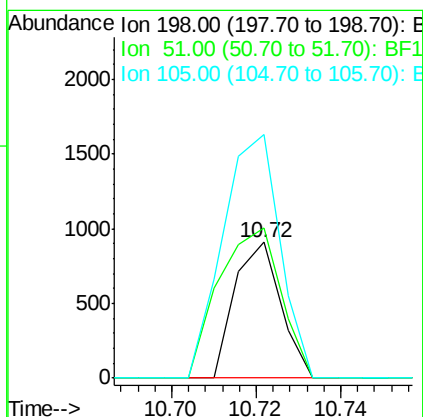
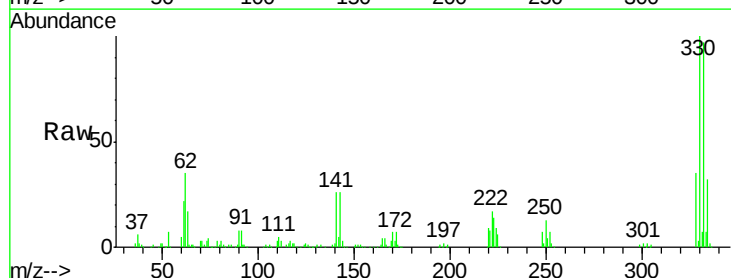
Instrument :
 BNA_F
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 PB119206BL

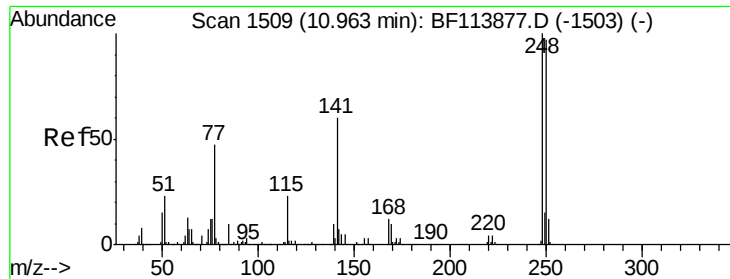
Tot Ion:188 Resp: 658167
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.2 12.4
 80 10.7 9.0 13.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.500 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF114006.D
 Acq: 26 Apr 2019 13:32

Tgt Ion:198 Resp: 684
 Ion Ratio Lower Upper
 198 100
 51 110.7 11.1 51.1#
 105 179.6 20.7 60.7#

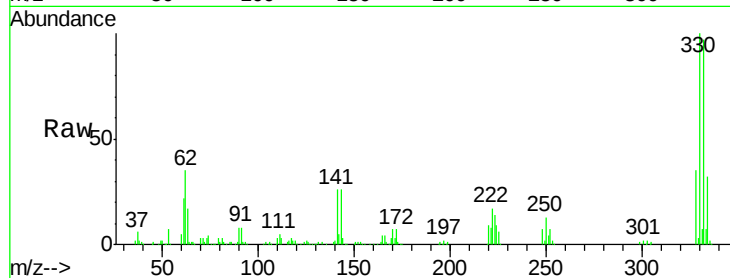




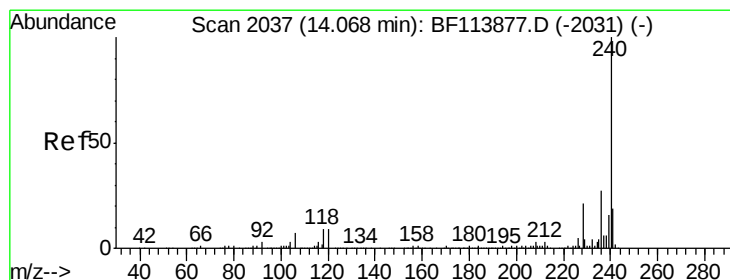
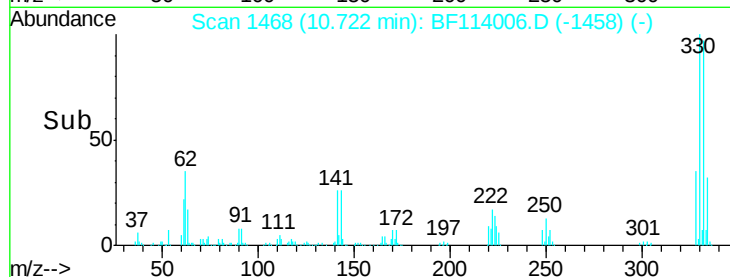
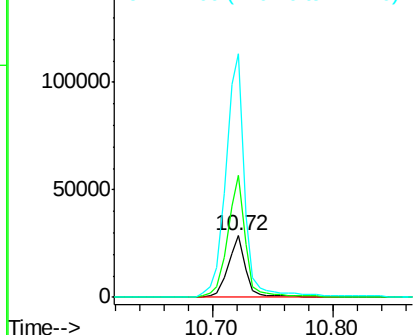
#67
4-Bromophenyl-phenylether
Concen: 3.709 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF114006.D
Acq: 26 Apr 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB119206BL

Tot Ion:248 Resp: 29492
Ion Ratio Lower Upper
248 100
250 199.2 75.8 113.6#
141 395.6 50.2 75.4#

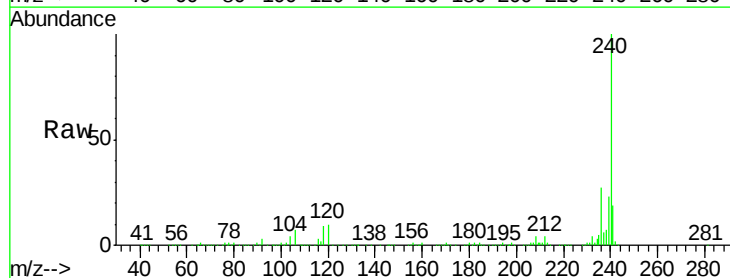


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

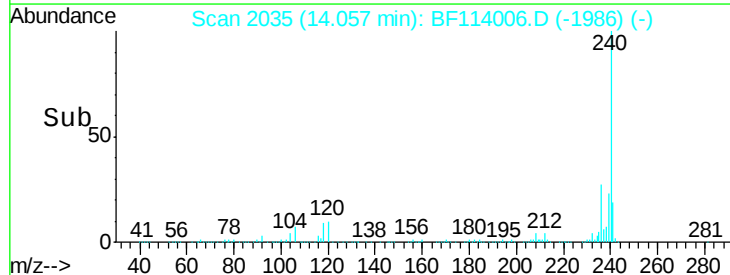
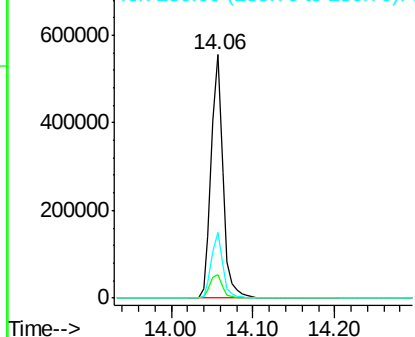


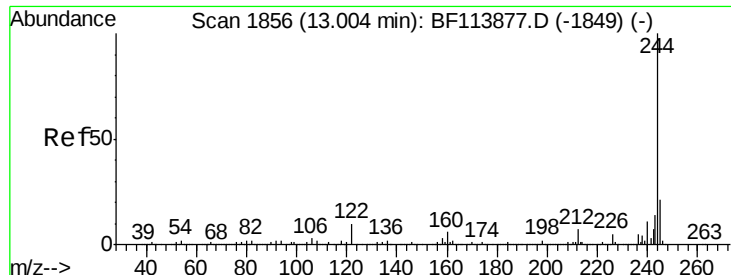
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114006.D
Acq: 26 Apr 2019 13:32

Tgt Ion:240 Resp: 558202
Ion Ratio Lower Upper
240 100
120 9.7 9.3 13.9
236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.234 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB119206BL

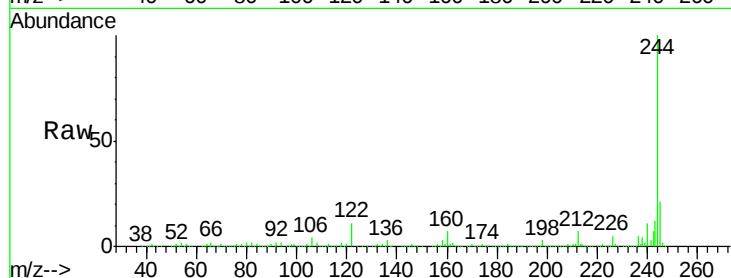
Tot Ion:244 Resp: 2130130

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

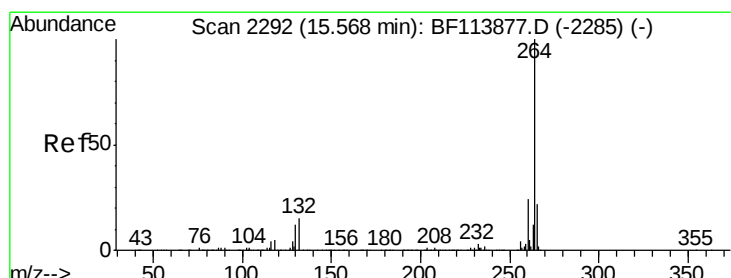
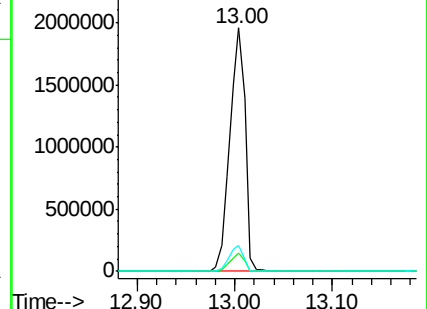
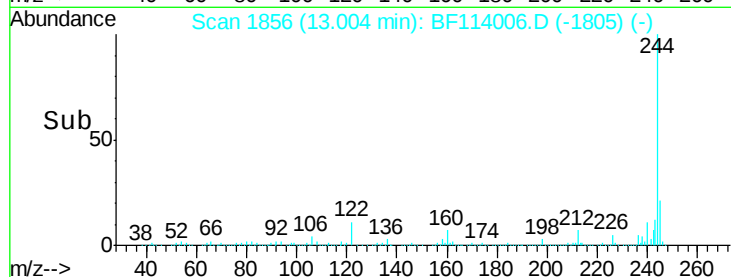
122 10.9 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF114006.D

Acq: 26 Apr 2019 13:32

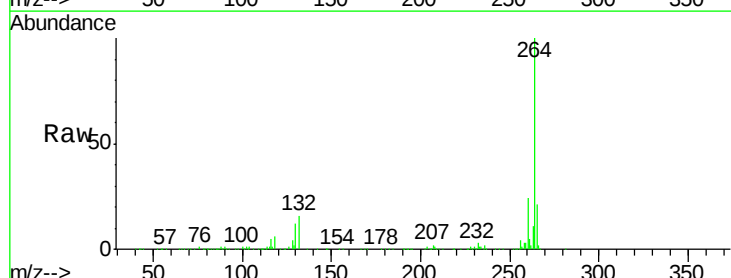
Tgt Ion:264 Resp: 493475

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 20.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

