

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114005.D
 Acq On : 26 Apr 2019 13:06
 Operator : JU/SJ
 Sample : PB119132BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BL

Quant Time: Apr 26 22:57:57 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

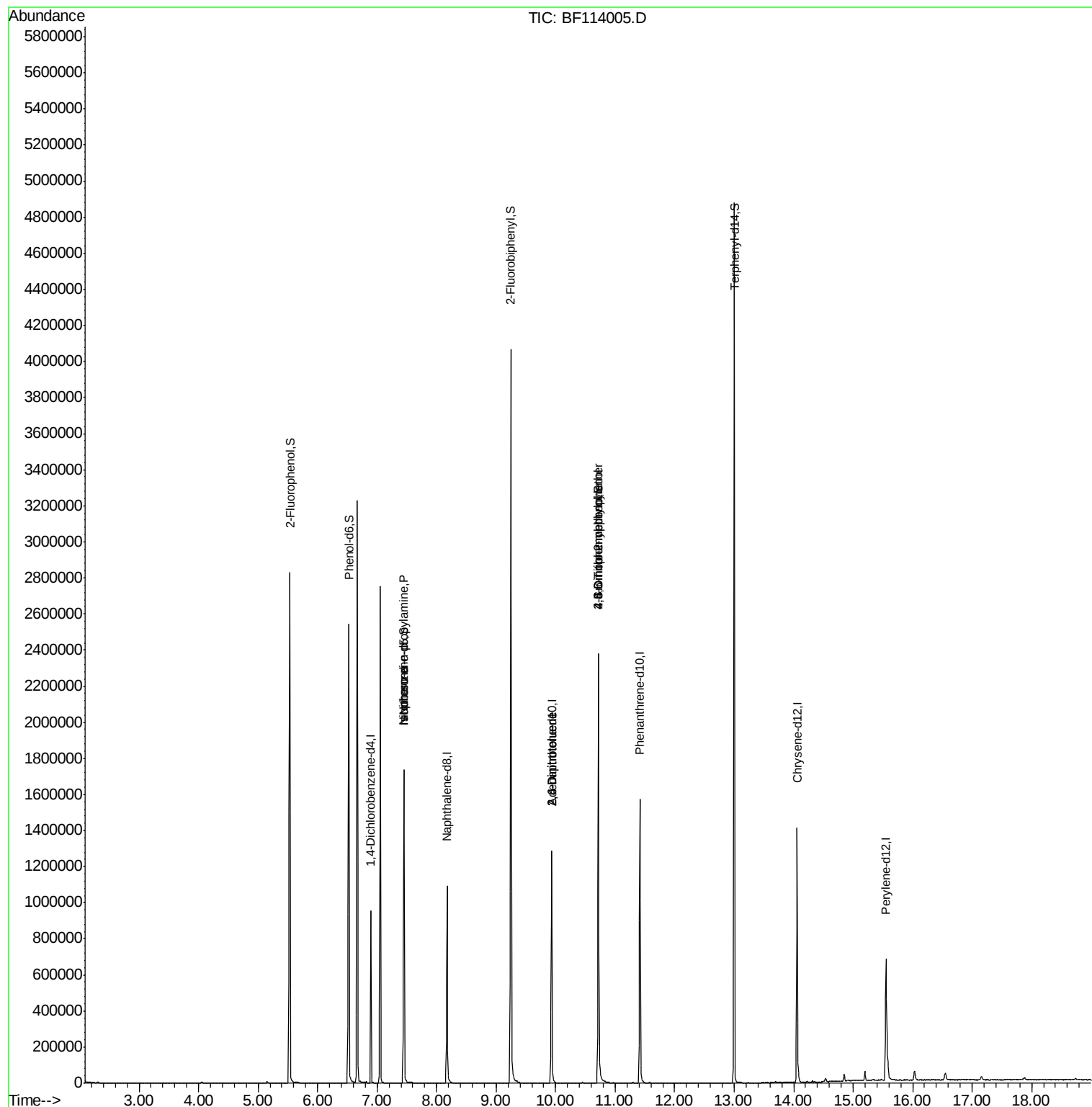
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	150069	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	567726	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	302985	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	635364	20.00	ng	0.00
76) Chrysene-d12	14.06	240	516741	20.00	ng	-0.01
87) Perylene-d12	15.56	264	436722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	900858	102.67	ng	0.02
7) Phenol-d6	6.53	99	1168265	106.13	ng	0.00
23) Nitrobenzene-d5	7.45	82	717521	78.04	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	393377	106.58	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1508206	77.85	ng	0.00
79) Terphenyl-d14	13.00	244	1860136	73.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	21133	Below Cal		84
19) n-Nitroso-di-n-propylamine	7.45	70	94706	13.285 ng	#	78
25) Isophorone	7.45	82	713076	37.901 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	38359	8.160 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	38359	6.465 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	668	7.503 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	24325	3.169 ng	#	1

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

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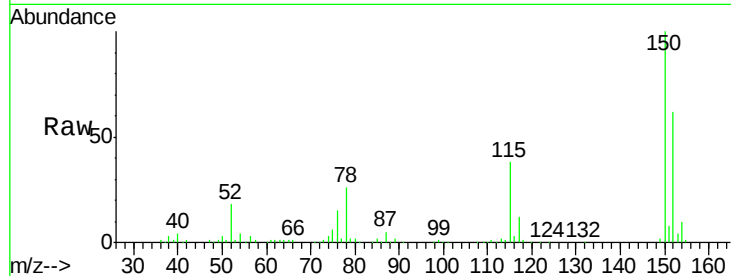


#1

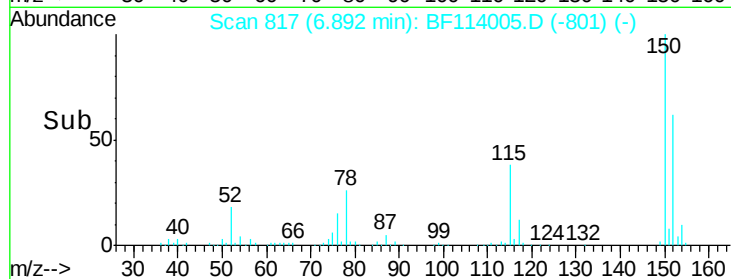
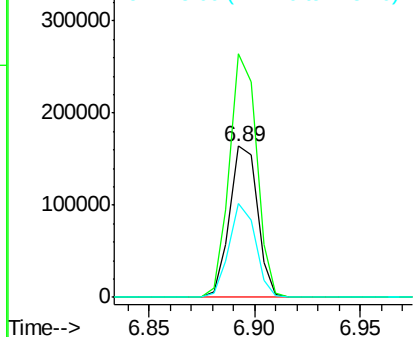
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114005.D
Acq: 26 Apr 2019 13:06

Instrument :
BNA_F
ClientSampleId :
PB119131BL

Tot Ion:152 Resp: 150069
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 61.9 45.9 68.9



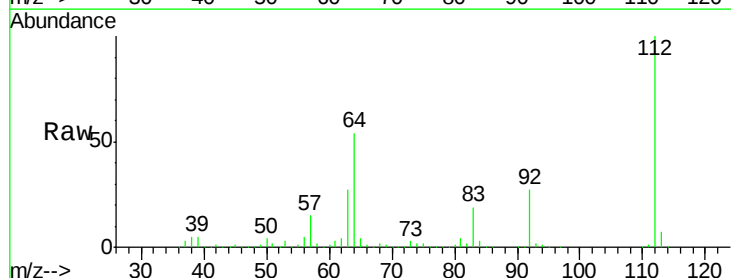
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



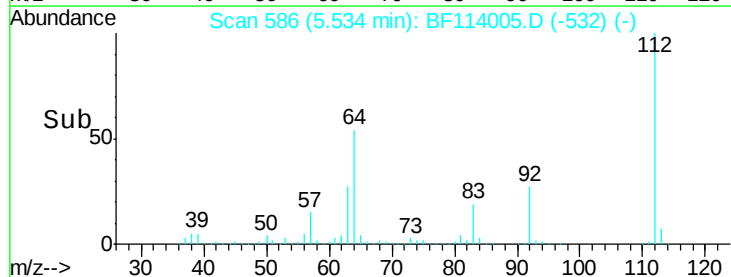
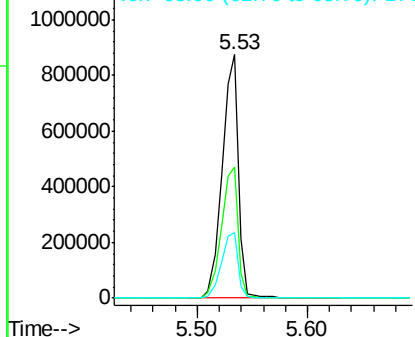
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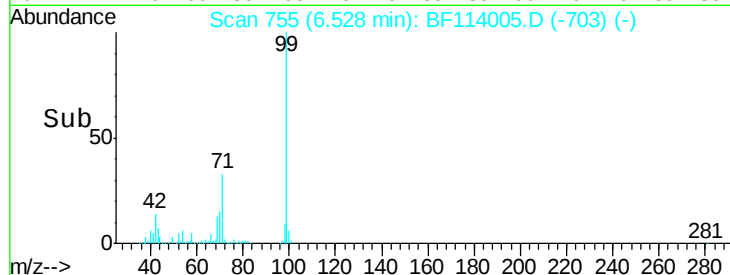
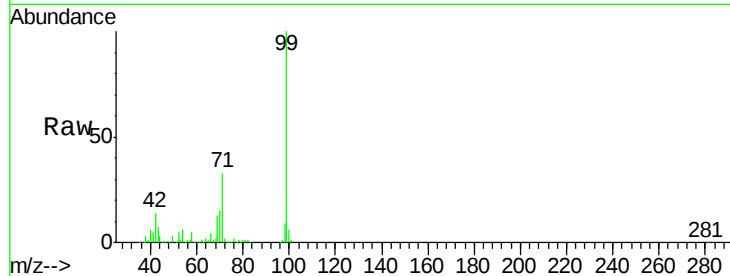
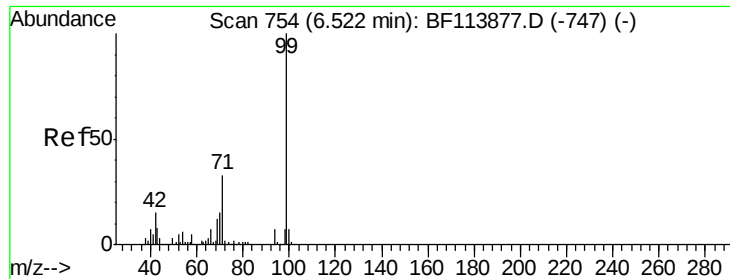
2-Fluorophenol
Concen: 102.672 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF114005.D
Acq: 26 Apr 2019 13:06

Tgt Ion:112 Resp: 900858
Ion Ratio Lower Upper
112 100
64 54.0 46.6 69.8
63 27.1 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: 106.127 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114005.D

Acq: 26 Apr 2019 13:06

Instrument :

BNA_F

ClientSampleId :

PB119131BL

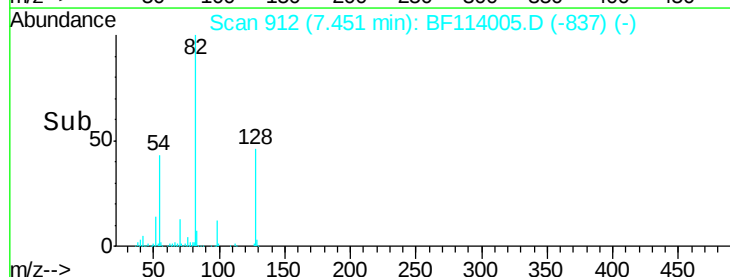
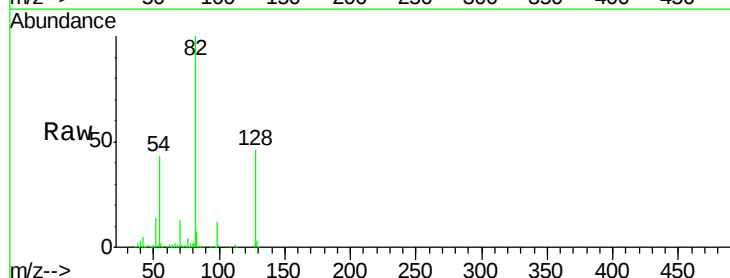
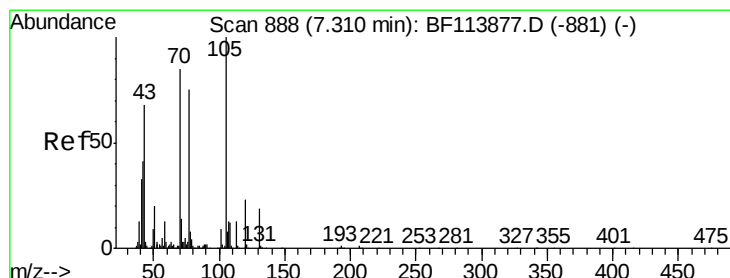
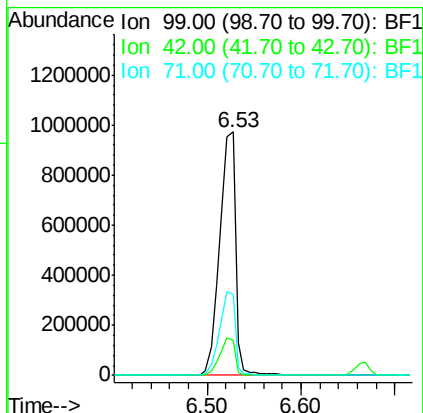
Tot Ion: 99 Resp: 1168265

Ion Ratio Lower Upper

99 100

42 14.3 12.5 18.7

71 33.2 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.285 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF114005.D

Acq: 26 Apr 2019 13:06

Tgt Ion: 70 Resp: 94706

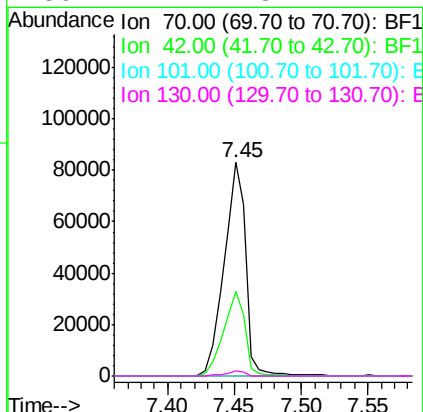
Ion Ratio Lower Upper

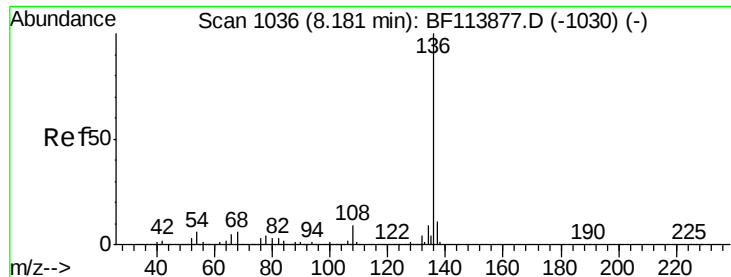
70 100

42 39.8 37.3 55.9

101 0.0 7.8 11.8#

130 2.2 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: BF114005.D

Acq: 26 Apr 2019 13:06

Instrument :

BNA_F

ClientSampleId :

PB119131BL

Tot Ion:136 Resp: 567726

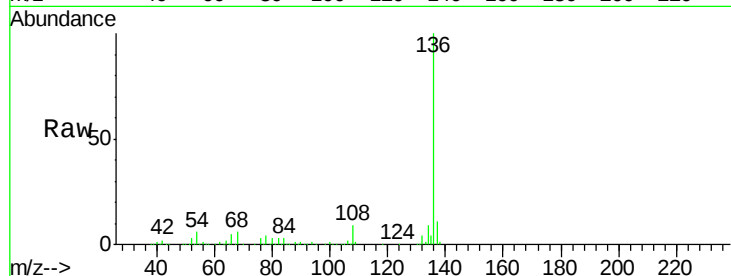
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.4 5.0 7.6

68 6.2 4.9 7.3

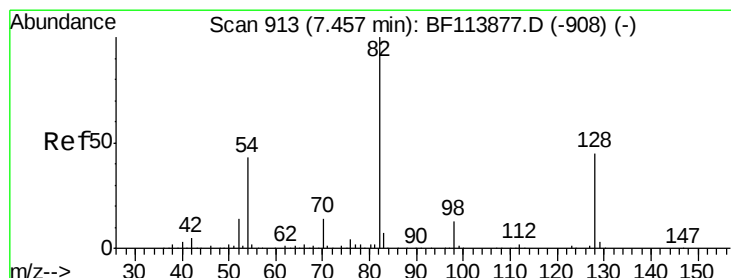
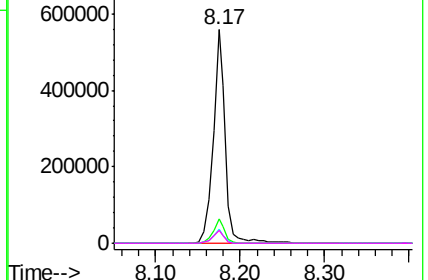
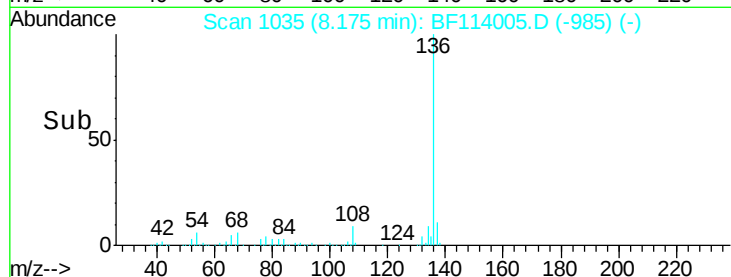


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 78.035 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114005.D

Acq: 26 Apr 2019 13:06

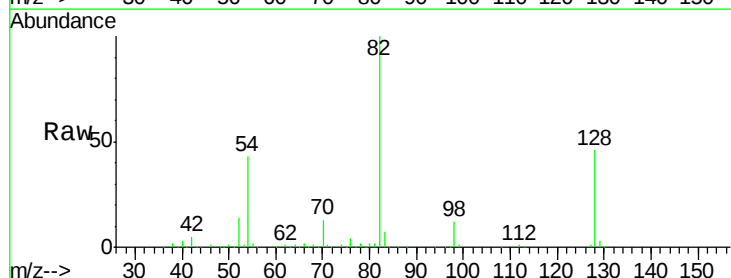
Tgt Ion: 82 Resp: 717521

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

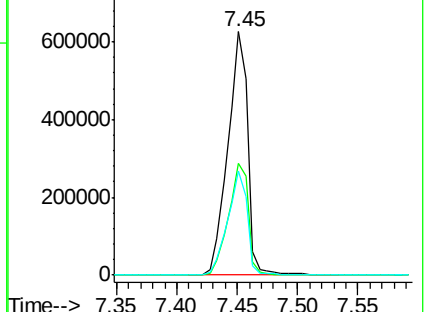
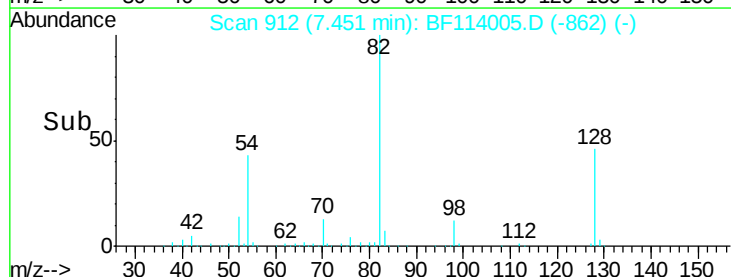
54 42.6 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.901 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114005.D

Acq: 26 Apr 2019 13:06

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PB119131BL

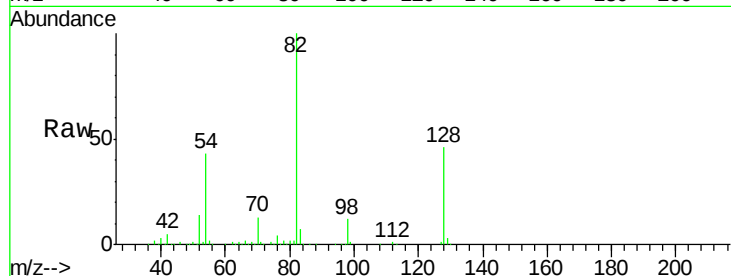
Tot Ion: 82 Resp: 713076

Ion Ratio Lower Upper

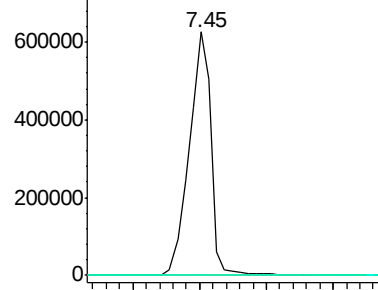
82 100

95 0.0 5.4 8.2#

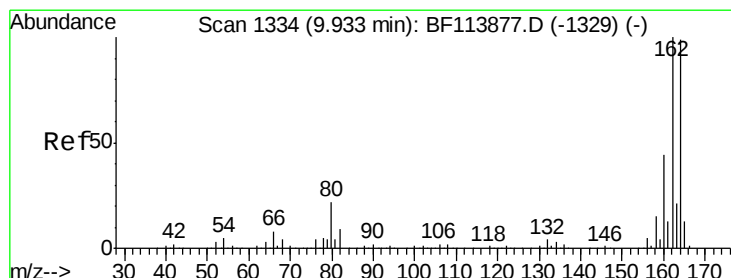
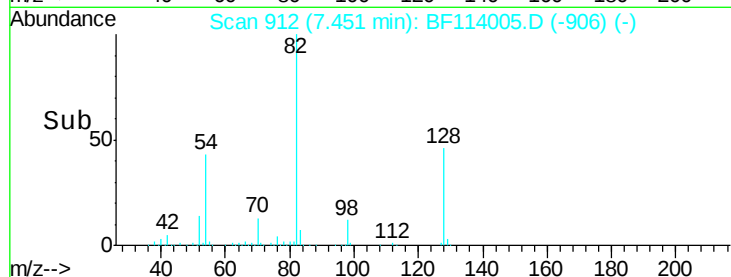
138 0.0 14.6 22.0#



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



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF114005.D

Acq: 26 Apr 2019 13:06

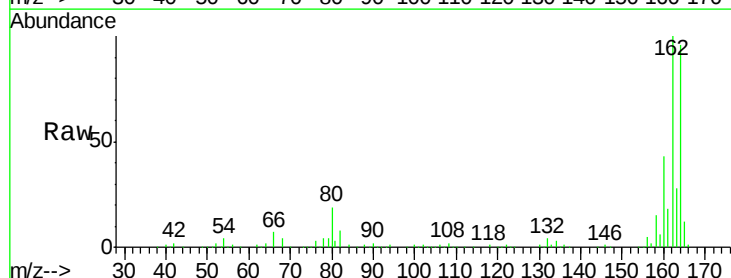
Tgt Ion:164 Resp: 302985

Ion Ratio Lower Upper

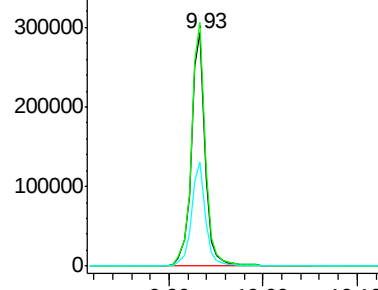
164 100

162 104.4 81.1 121.7

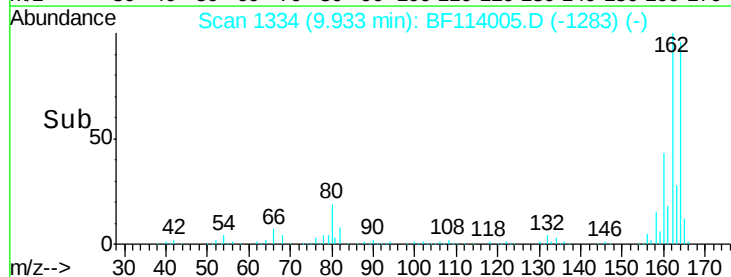
160 44.8 35.8 53.6

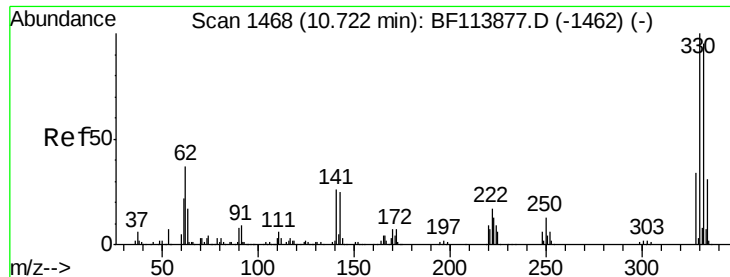


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

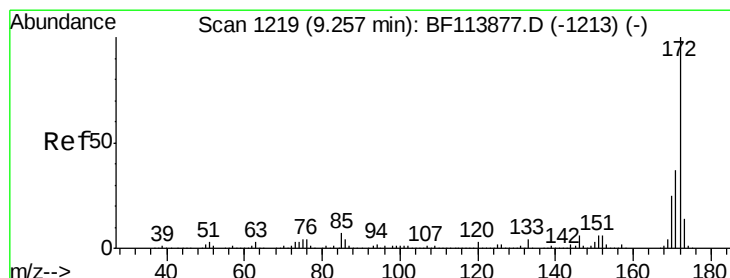
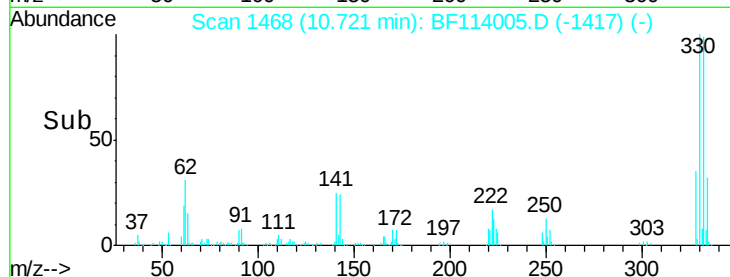
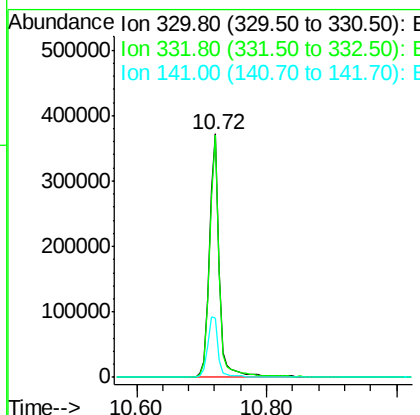
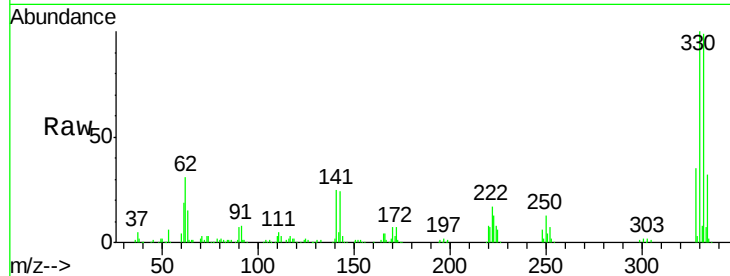




#42
 2,4,6-Tribromophenol
 Concen: 106.578 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

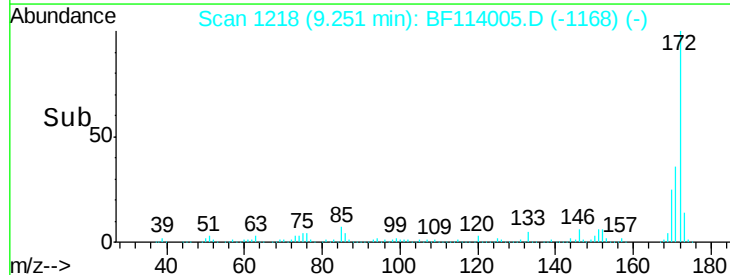
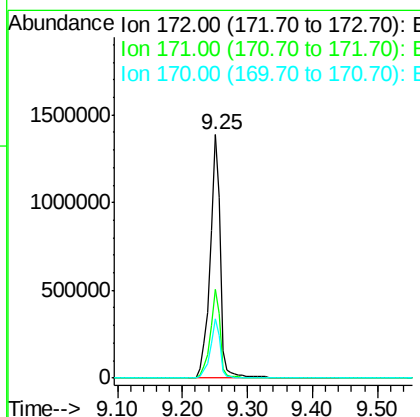
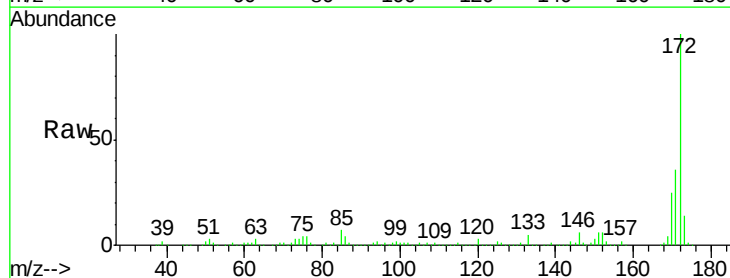
Instrument :
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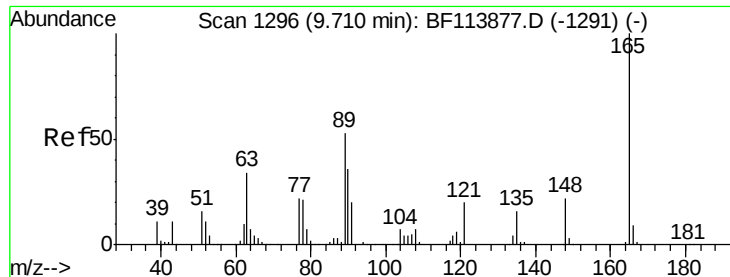
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	27.2	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 77.854 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	19.9	29.9

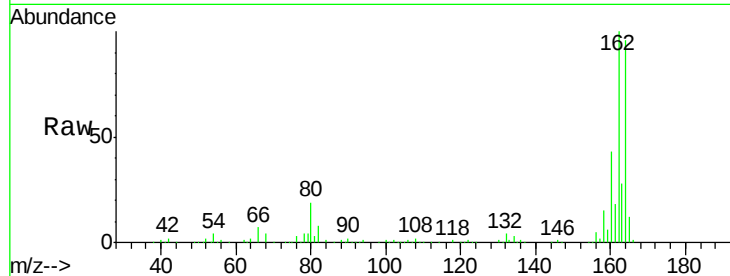




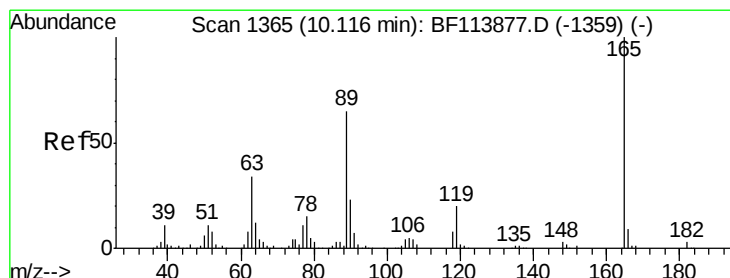
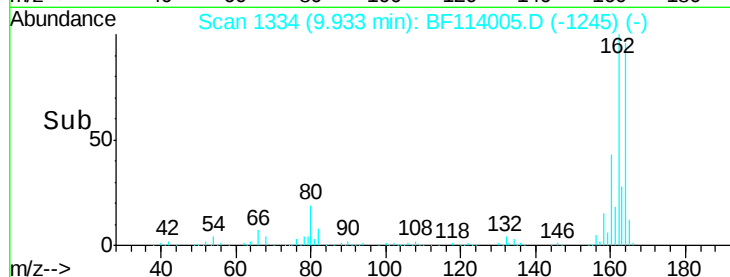
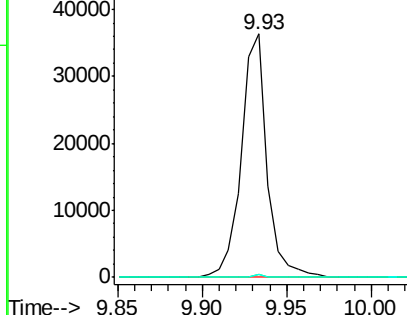
#51
 2,6-Dinitrotoluene
 Concen: 8.160 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.8#
89	1.4	38.2	57.2#



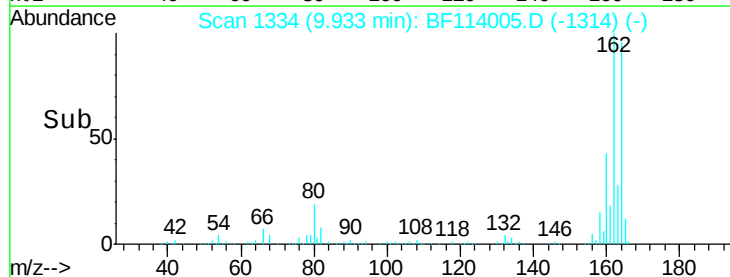
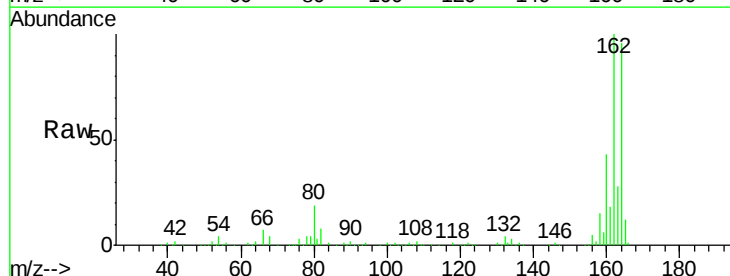
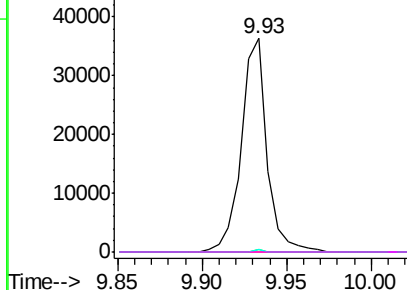
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

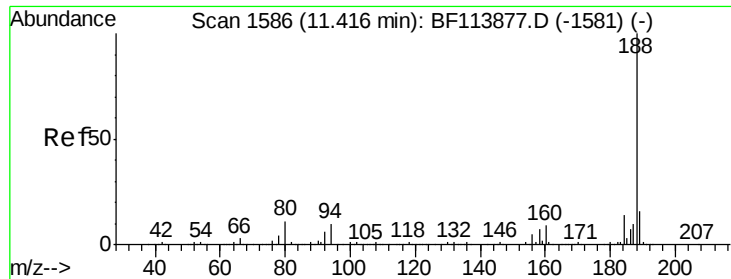


#57
 2,4-Dinitrotoluene
 Concen: 6.465 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.4	41.0#
89	1.4	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

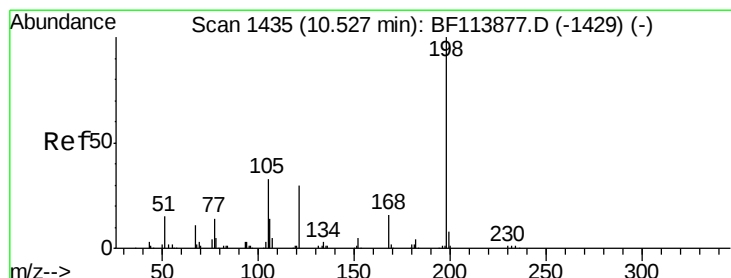
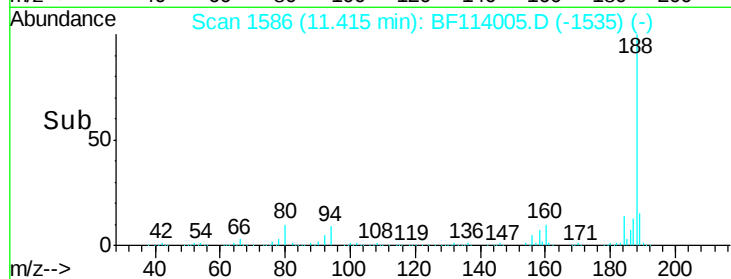
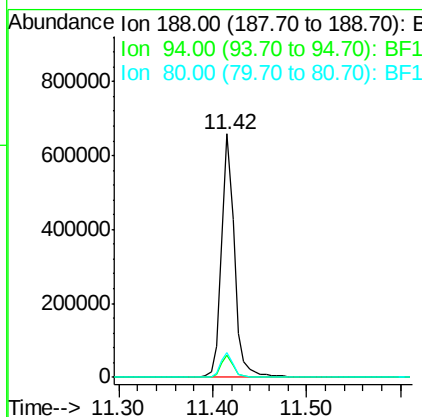
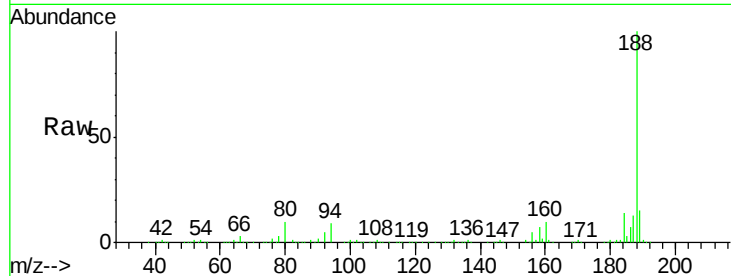




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

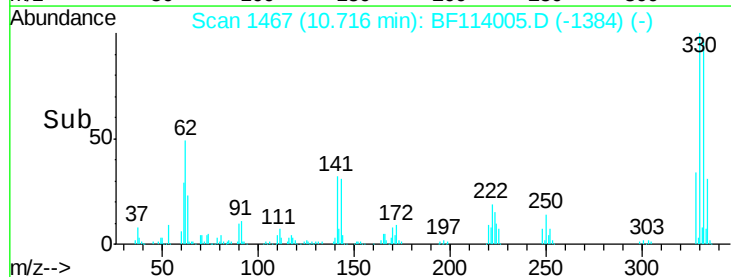
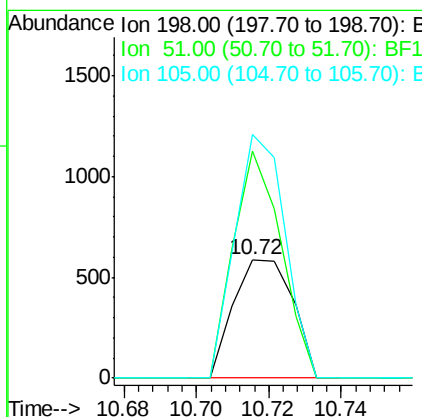
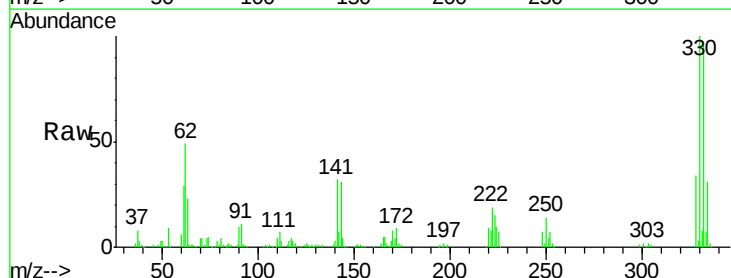
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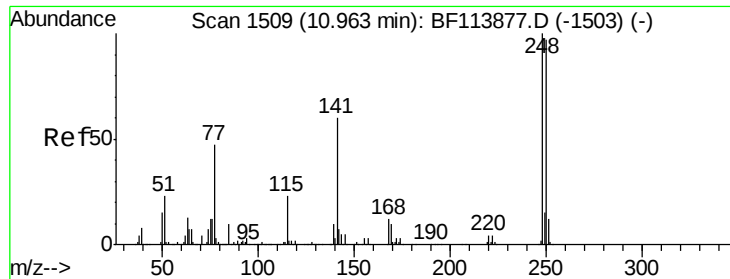
Tot Ion:188 Resp: 635364
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.2 12.4
 80 10.1 9.0 13.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.503 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.19 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Tgt Ion:198 Resp: 668
 Ion Ratio Lower Upper
 198 100
 51 191.8 11.1 51.1#
 105 205.8 20.7 60.7#

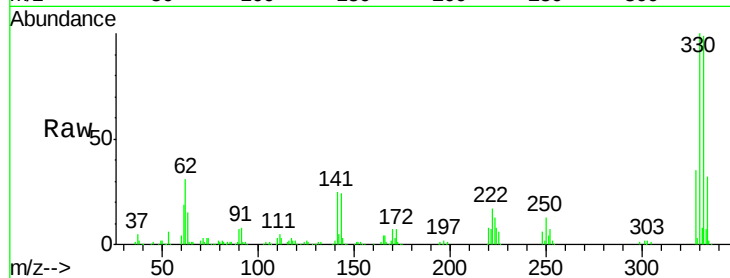




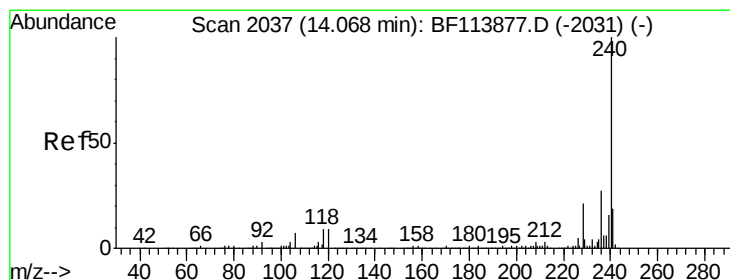
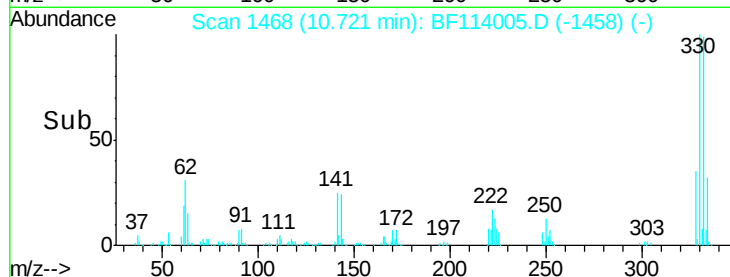
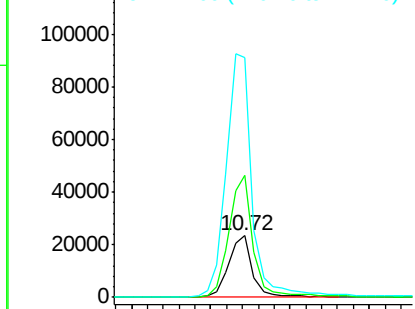
#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF114005.D
Acq: 26 Apr 2019 13:06

Instrument :
BNA_F
ClientSampleId :
PB119131BL

Tot Ion:248 Resp: 24325
Ion Ratio Lower Upper
248 100
250 199.2 75.8 113.6#
141 390.8 50.2 75.4#

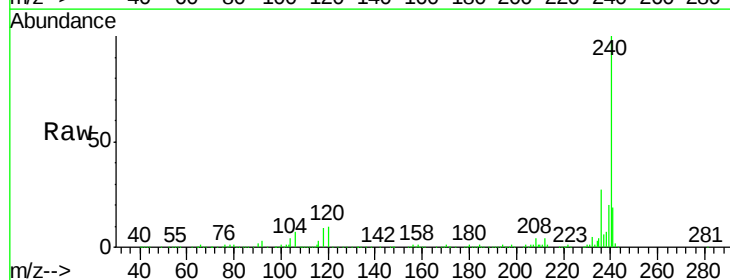


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

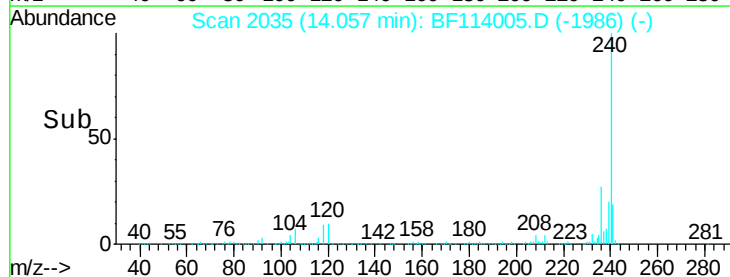
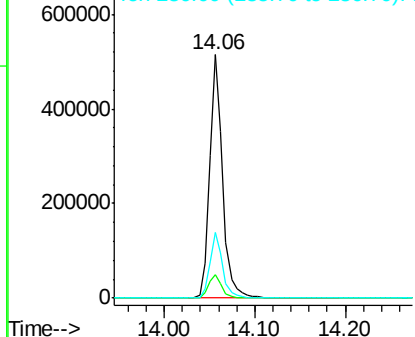


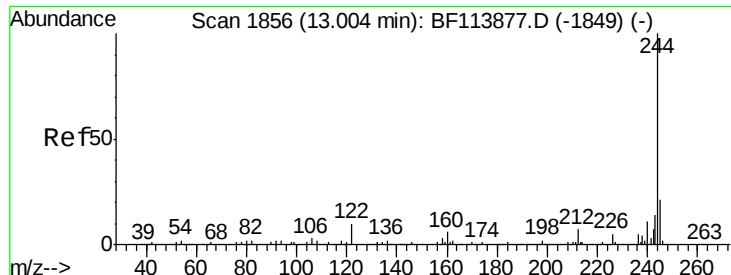
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114005.D
Acq: 26 Apr 2019 13:06

Tgt Ion:240 Resp: 516741
Ion Ratio Lower Upper
240 100
120 9.8 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



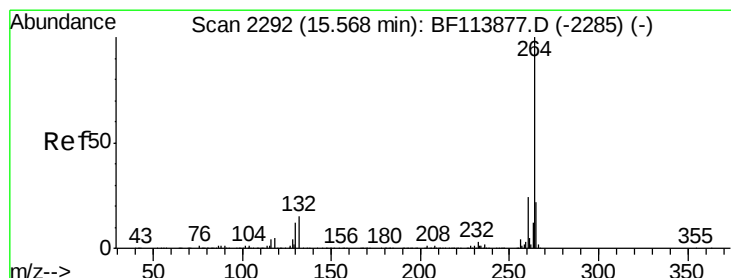
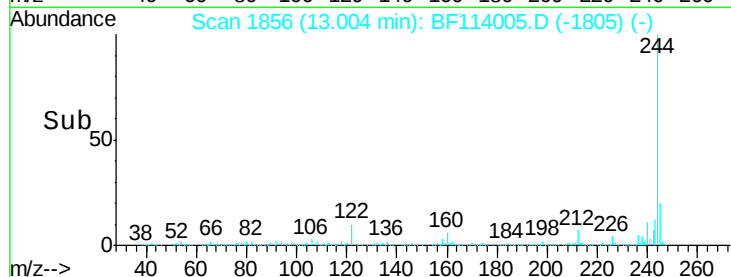
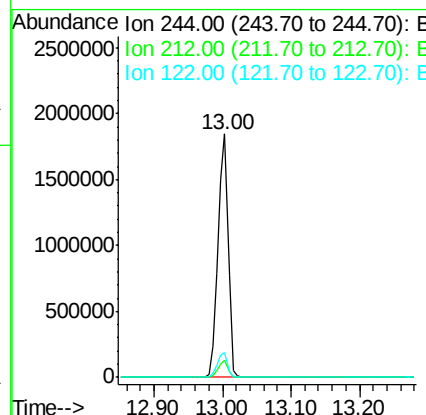
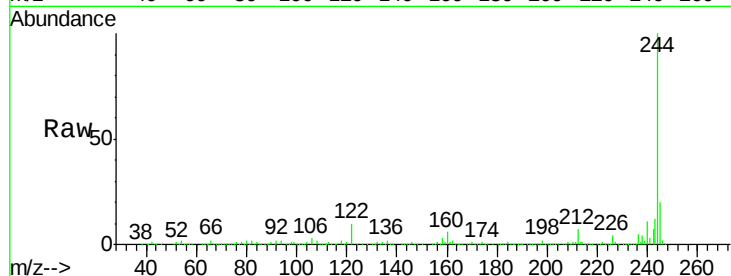


#79
 Terphenyl-d14
 Concen: 73.800 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :
 PB119131BL

Tot Ion:244 Resp: 1860136

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.2	7.6	11.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF114005.D
 Acq: 26 Apr 2019 13:06

Tgt Ion:264 Resp: 436722

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	21.9	17.3	25.9

