

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120244.D
 Acq On : 30 Apr 2020 17:28
 Operator : MA/SJ
 Sample : L2445-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-29-2020

Quant Time: Apr 30 18:52:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

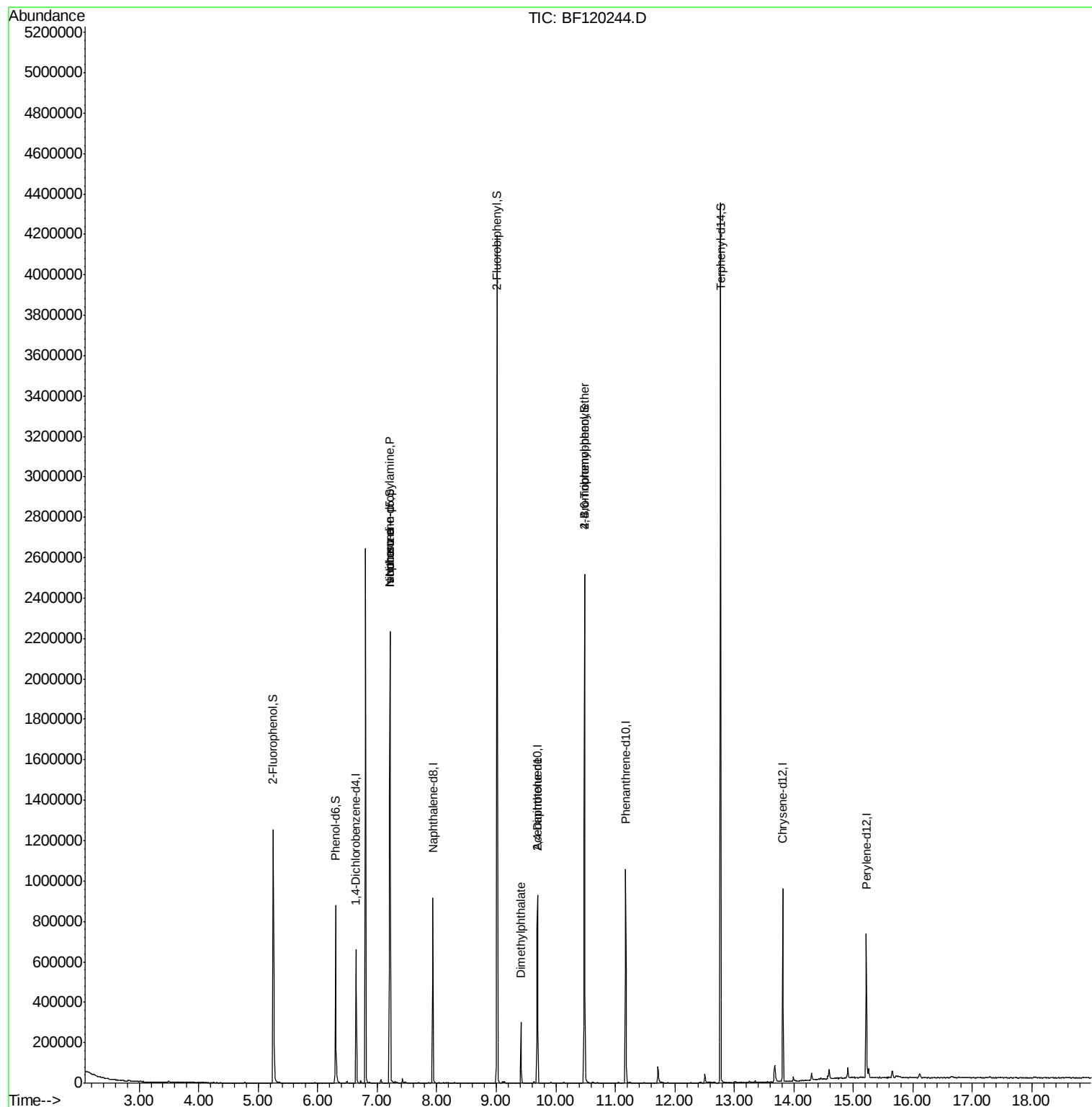
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	91732	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	349474	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	177799	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	358762	20.00	ng	0.00
76) Chrysene-d12	13.82	240	311796	20.00	ng	-0.01
87) Perylene-d12	15.22	264	307527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	361357	68.08	ng	0.00
7) Phenol-d6	6.30	99	270455	39.54	ng	-0.01
23) Nitrobenzene-d5	7.22	82	649293	96.12	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	306651	140.87	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1248054	99.66	ng	0.00
79) Terphenyl-d14	12.77	244	1673650	90.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	325	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.22	70	84719	19.262	ng	# 76
25) Isophorone	7.22	82	649285	49.860	ng	# 65
50) Dimethylphthalate	9.42	163	119645	8.700	ng	# 99
57) 2,4-Dinitrotoluene	9.69	165	22777	5.740	ng	# 19
67) 4-Bromophenyl-phenylether	10.49	248	20080	4.501	ng	# 1

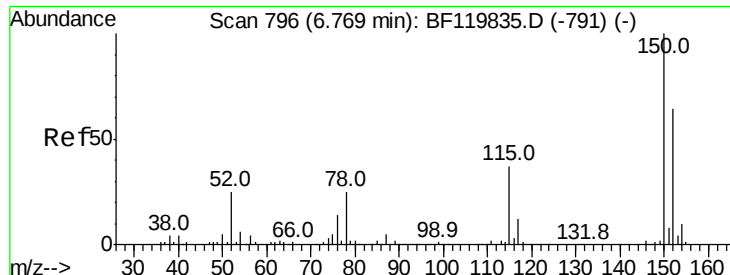
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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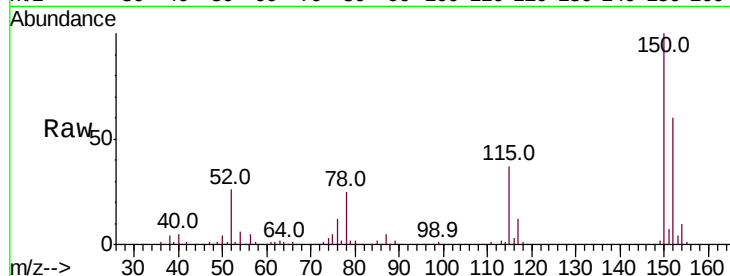


#1

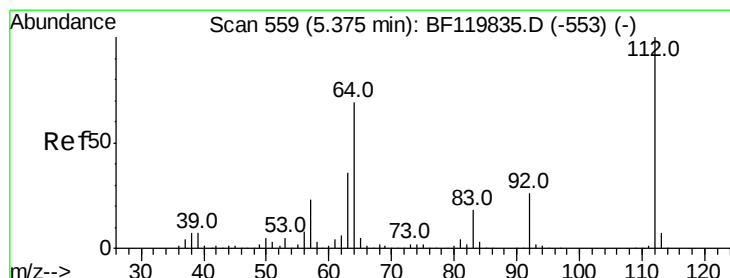
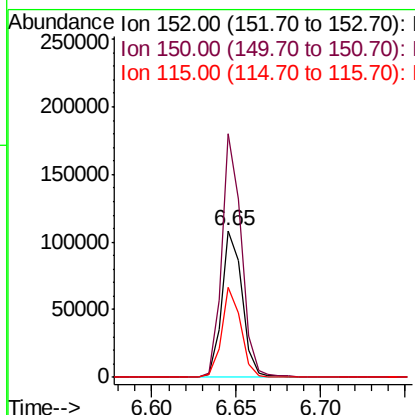
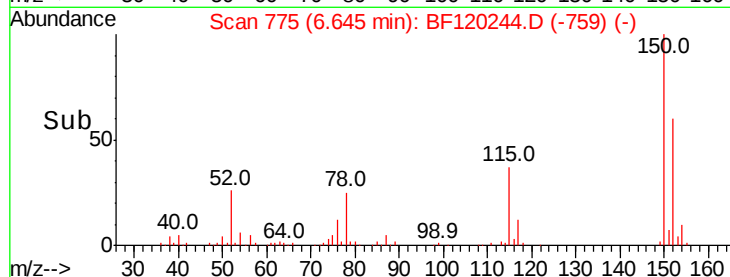
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120244.D
Acq: 30 Apr 2020 17:28

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-29-2020

Tot Ion:152 Resp: 91732
Ion Ratio Lower Upper
152 100
150 166.0 124.5 186.7
115 61.3 49.6 74.4



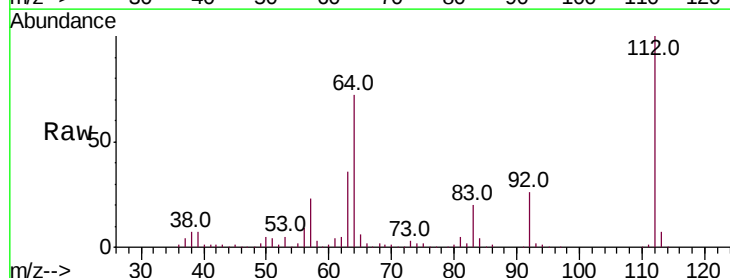
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



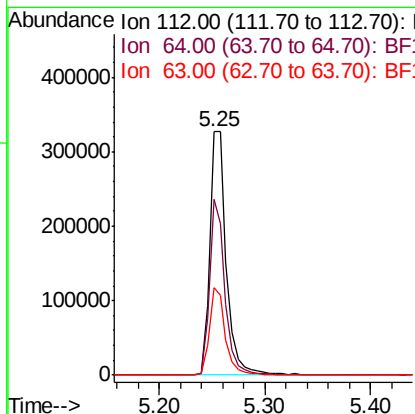
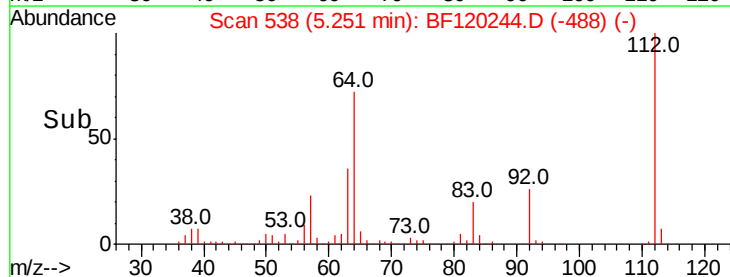
#5

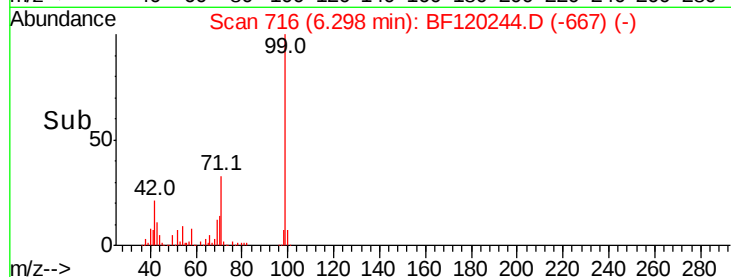
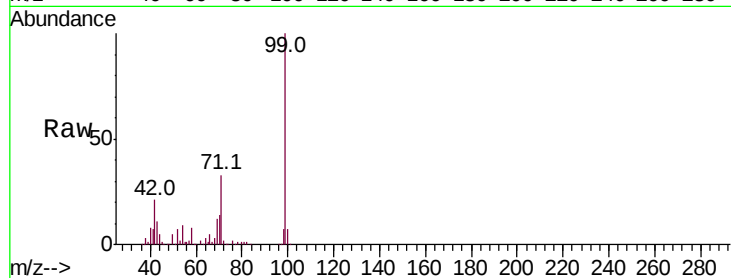
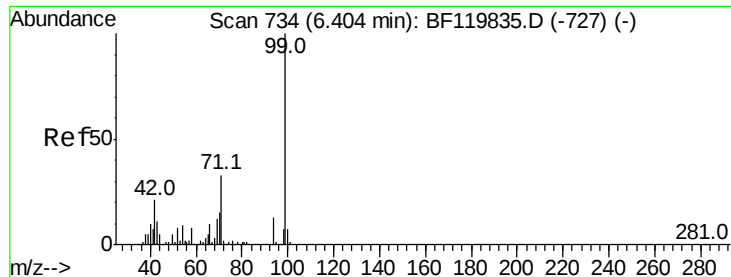
2-Fluorophenol
Concen: 68.078 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF120244.D
Acq: 30 Apr 2020 17:28

Tgt Ion:112 Resp: 361357
Ion Ratio Lower Upper
112 100
64 72.1 56.7 85.1
63 36.1 29.5 44.3



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: 39.542 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-29-2020

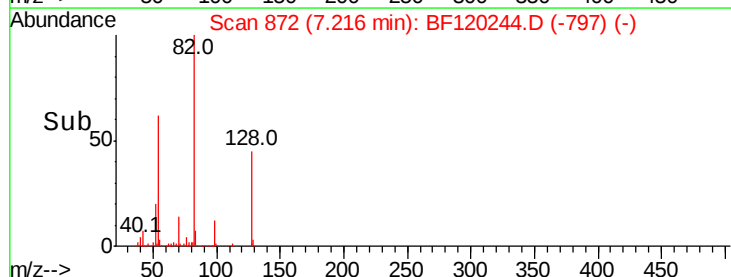
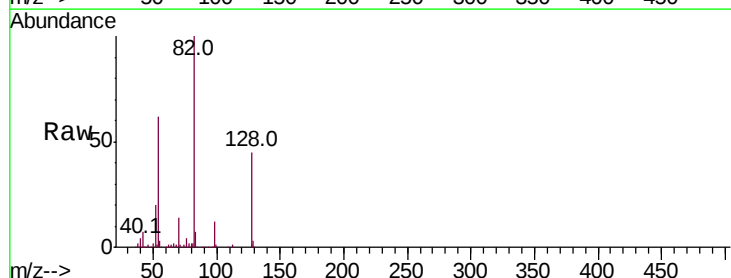
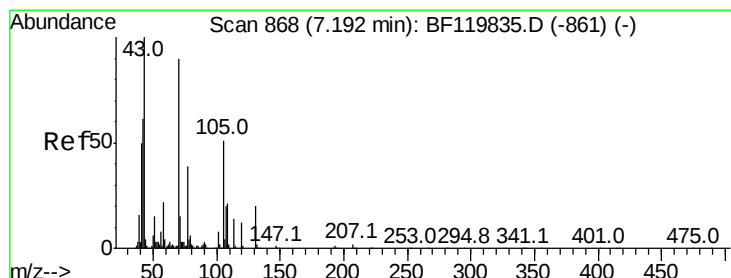
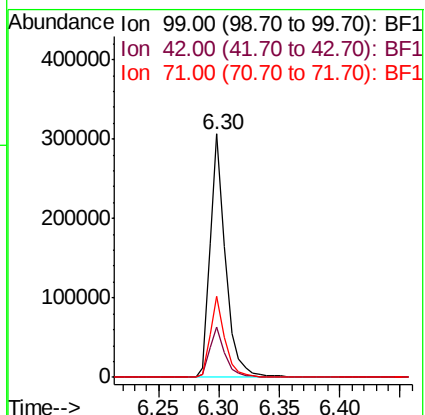
Tot Ion: 99 Resp: 270455

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.262 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

Tgt Ion: 70 Resp: 84719

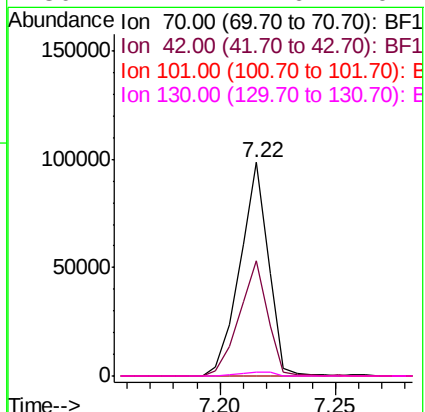
Ion Ratio Lower Upper

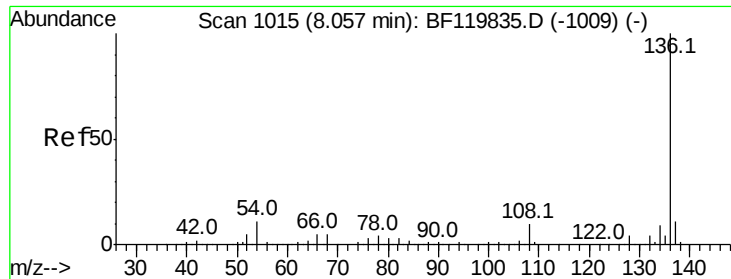
70 100

42 54.2 54.5 81.7#

101 0.0 7.6 11.4#

130 1.7 17.6 26.4#

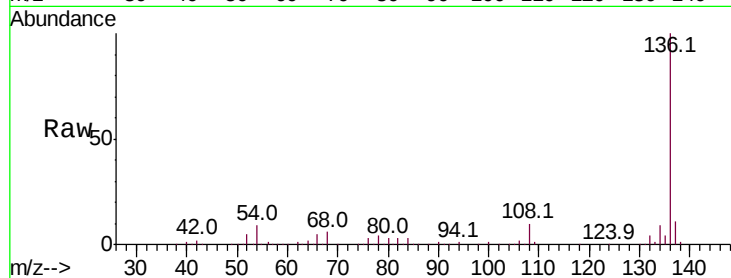




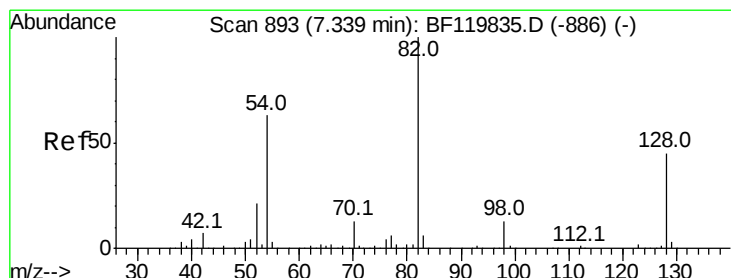
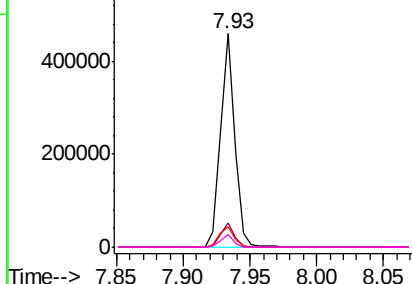
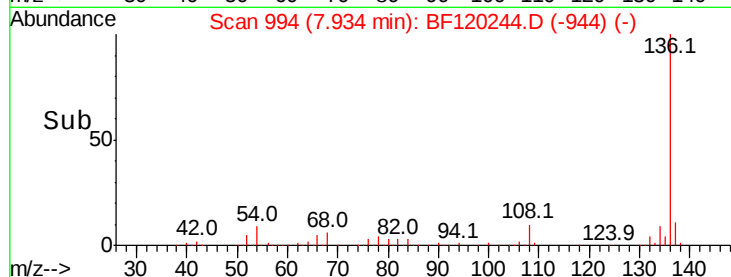
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120244.D
Acq: 30 Apr 2020 17:28

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-29-2020

Tot Ion:	136	Resp:	349474
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.3	9.1	13.7
68	5.8	4.6	6.8

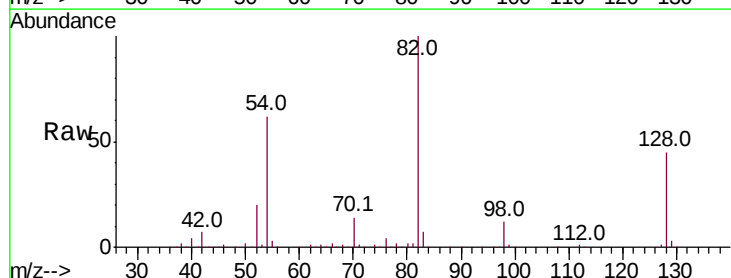


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

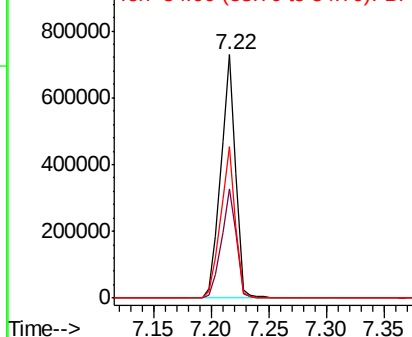
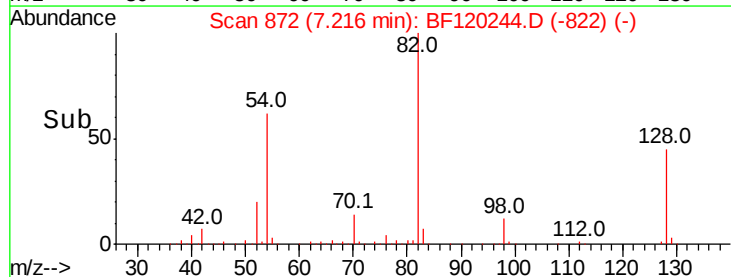


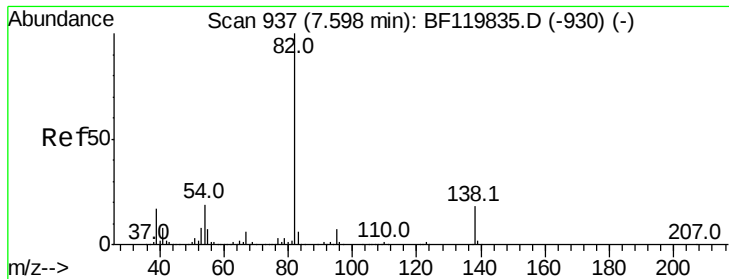
#23
Nitrobenzene-d5
Concen: 96.117 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120244.D
Acq: 30 Apr 2020 17:28

Tgt Ion:	82	Resp:	649293
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.3	54.5
54	62.3	50.6	75.8



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: 49.860 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-29-2020

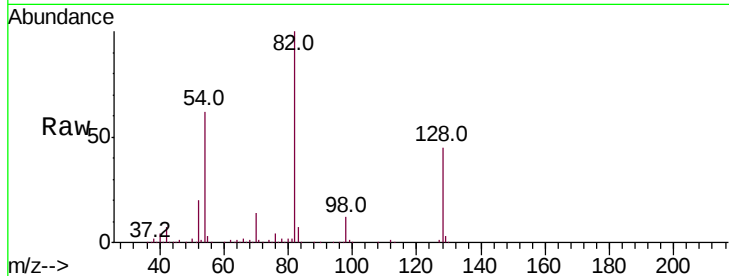
Tot Ion: 82 Resp: 649285

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

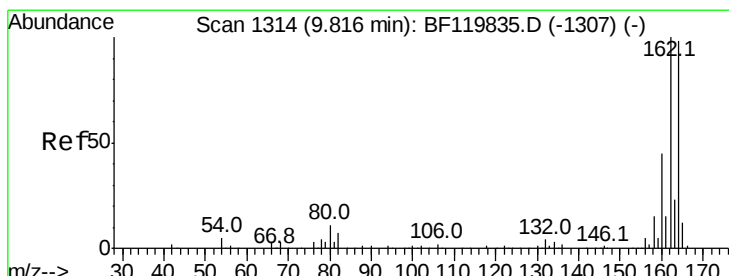
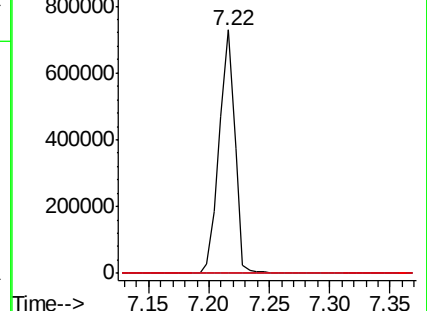
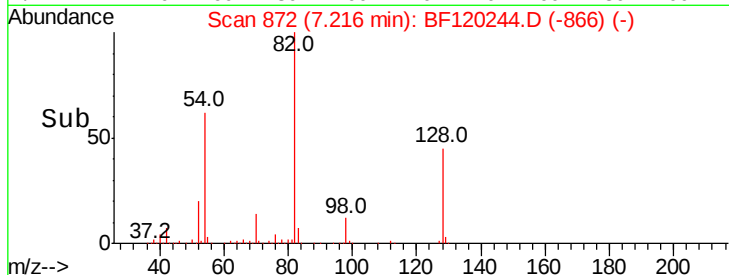
138 0.0 14.6 21.8#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

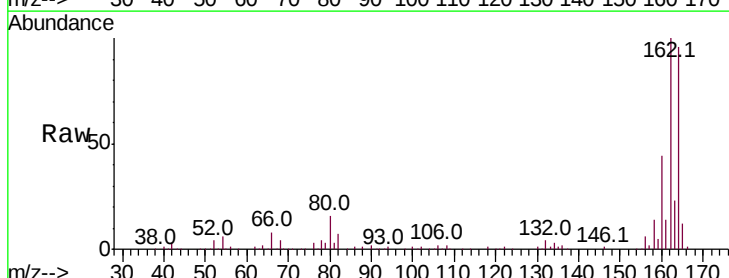
Tgt Ion: 164 Resp: 177799

Ion Ratio Lower Upper

164 100

162 103.9 80.6 121.0

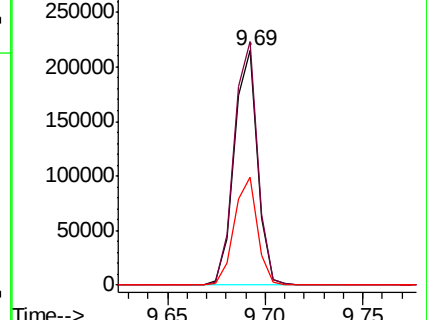
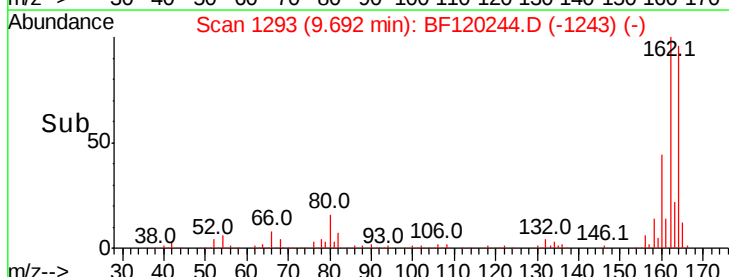
160 45.8 35.7 53.5

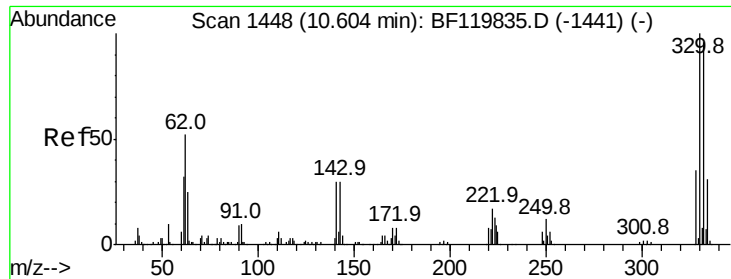


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

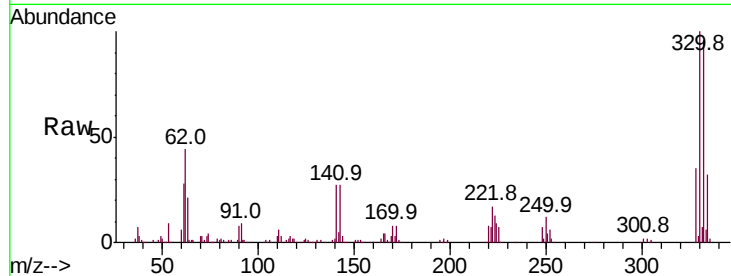




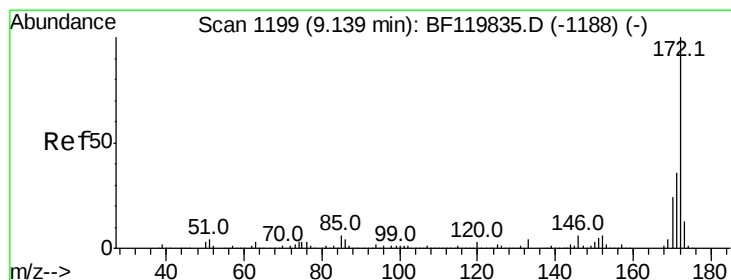
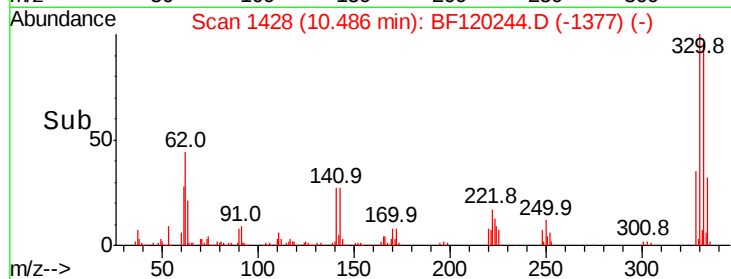
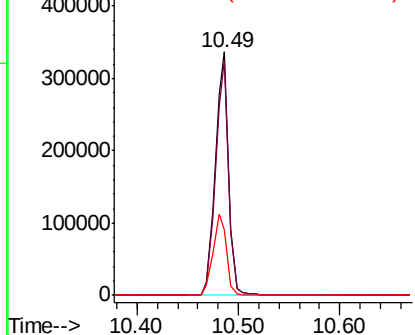
#42
 2,4,6-Tribromophenol
 Concen: 140.868 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-29-2020

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	33.9	25.4	38.0

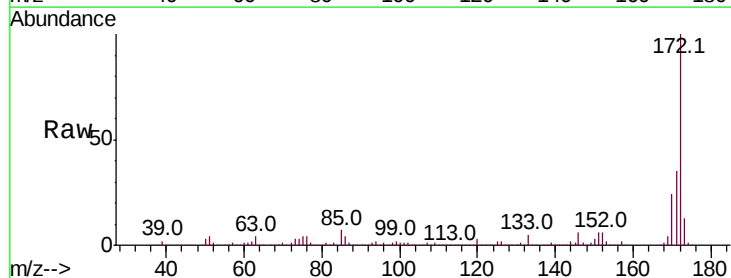


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

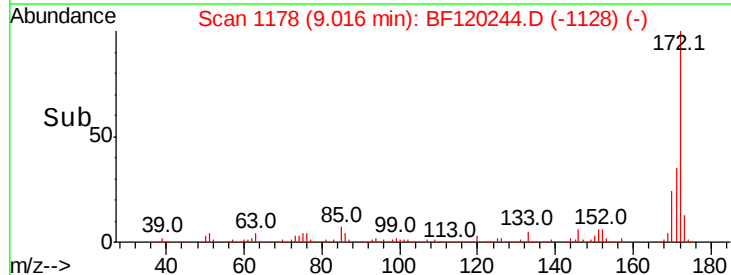
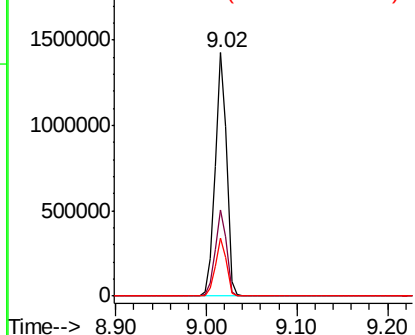


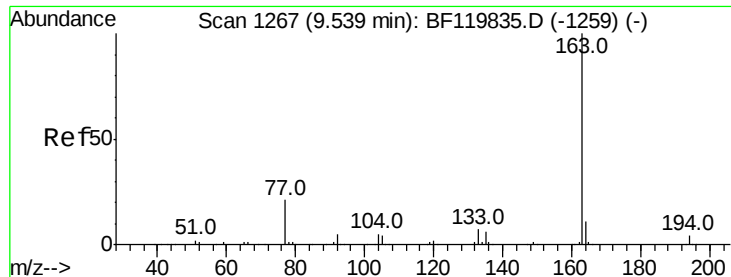
#45
 2-Fluorobiphenyl
 Concen: 99.661 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.7	20.2	30.2



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

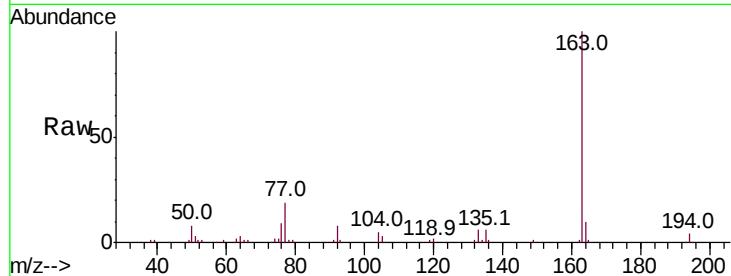




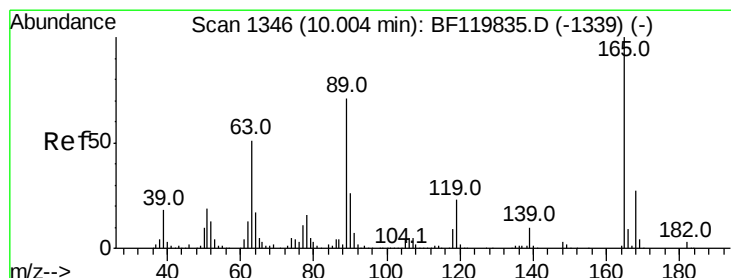
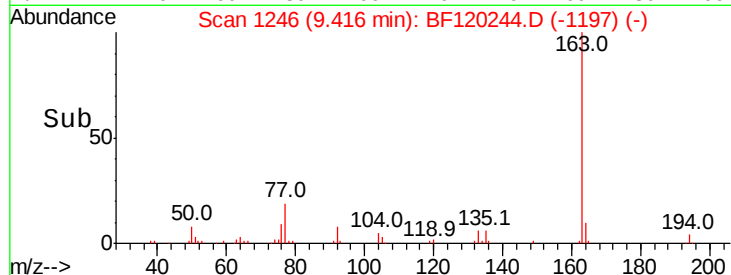
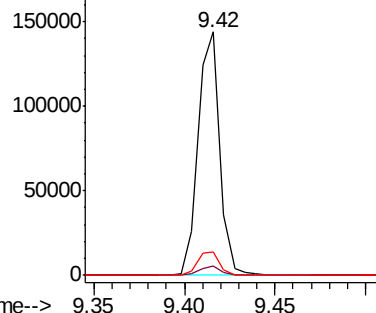
#50
 Dimethylphthalate
 Concen: 8.700 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

Instrument :
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 FIELD-BLANK-4-29-2020

Tot Ion:	163	Resp:	119645
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.6	8.2	12.2

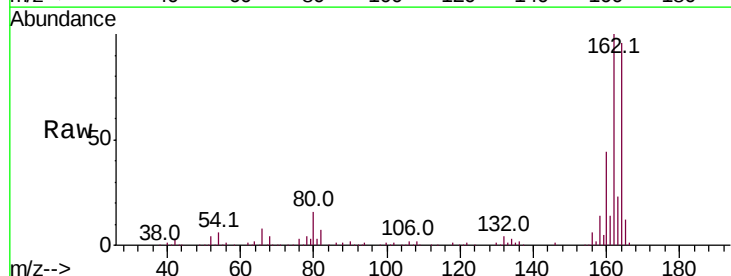


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

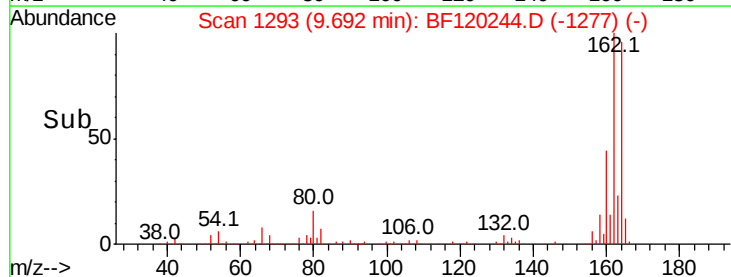
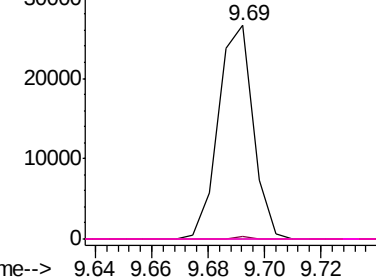


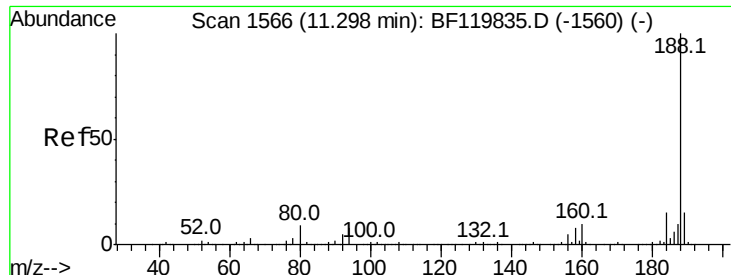
#57
 2,4-Dinitrotoluene
 Concen: 5.740 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

Tgt Ion:	165	Resp:	22777
Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.0	61.0	91.4#
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

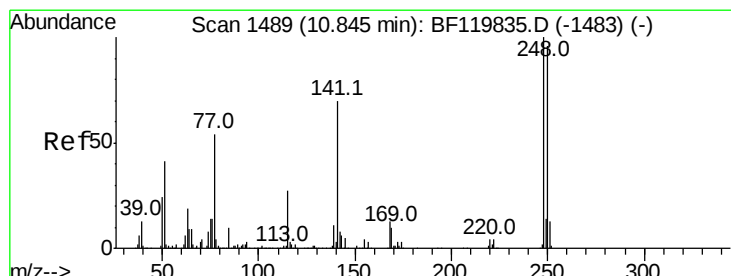
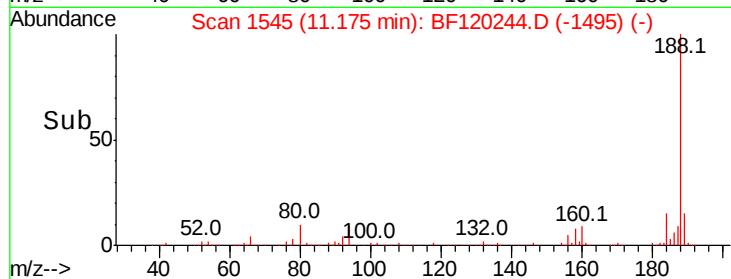
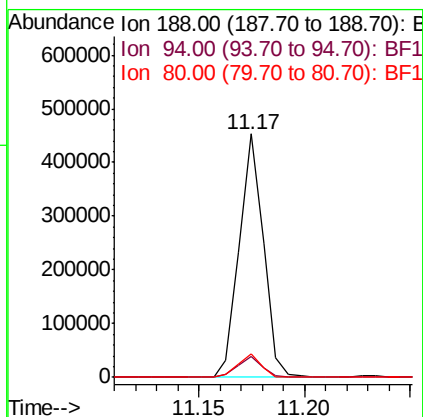
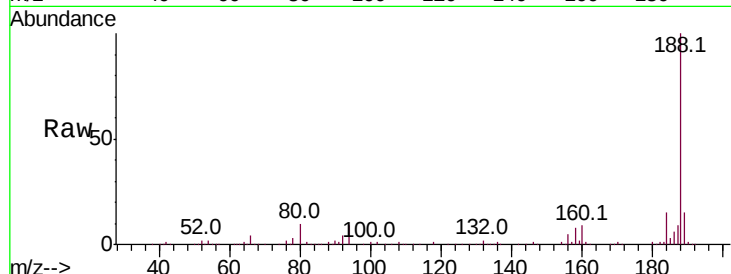




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

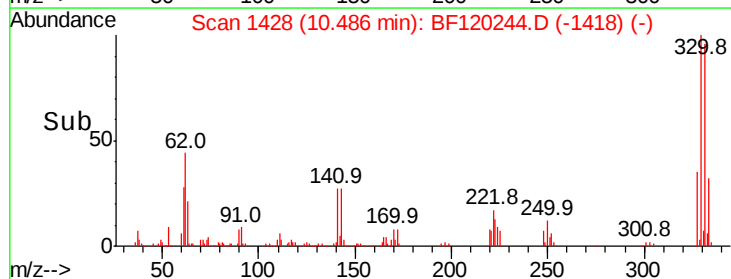
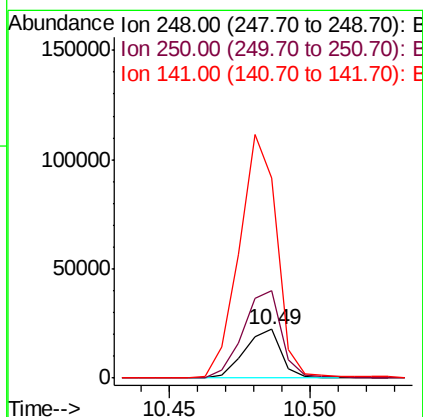
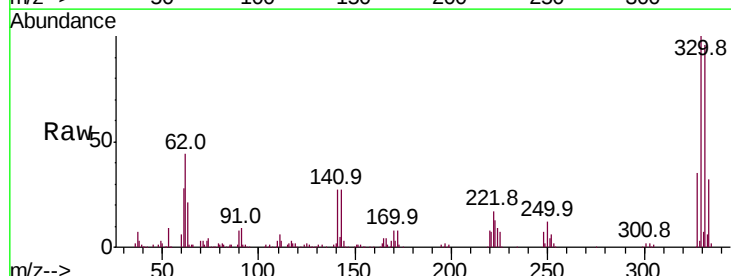
Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK-4-29-2020

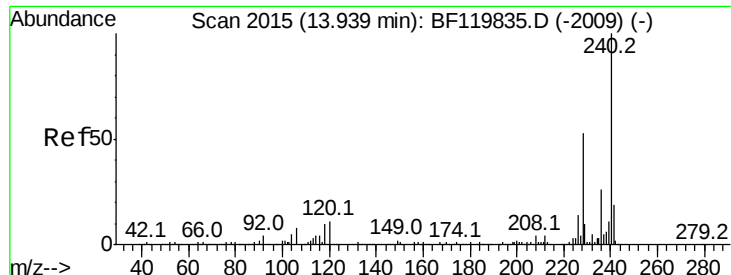
Tot Ion:188 Resp: 358762
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.5 11.3
 80 9.5 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.501 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF120244.D
 Acq: 30 Apr 2020 17:28

Tgt Ion:248 Resp: 20080
 Ion Ratio Lower Upper
 248 100
 250 178.0 77.3 115.9#
 141 408.1 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK-4-29-2020

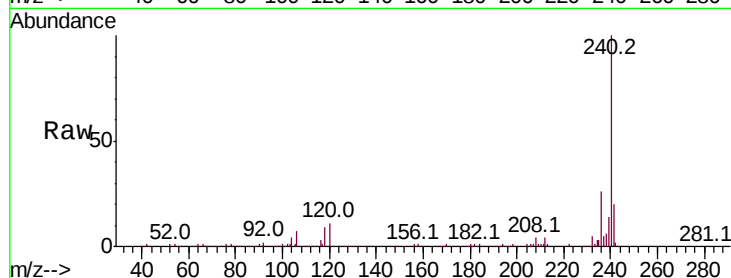
Tot Ion:240 Resp: 311796

Ion Ratio Lower Upper

240 100

120 10.7 10.6 15.8

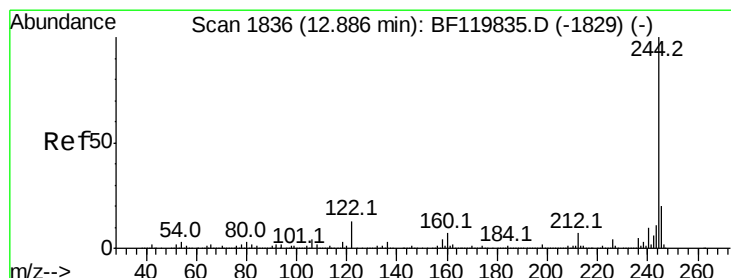
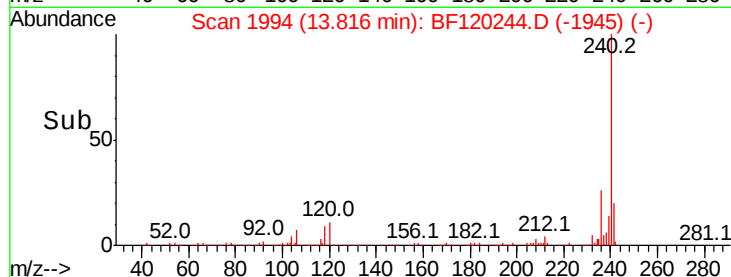
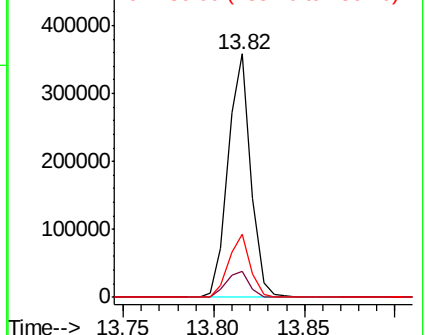
236 26.0 20.2 30.2



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: 90.321 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120244.D

Acq: 30 Apr 2020 17:28

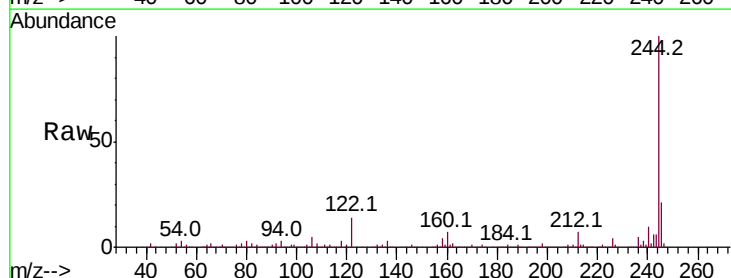
Tgt Ion:244 Resp: 1673650

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

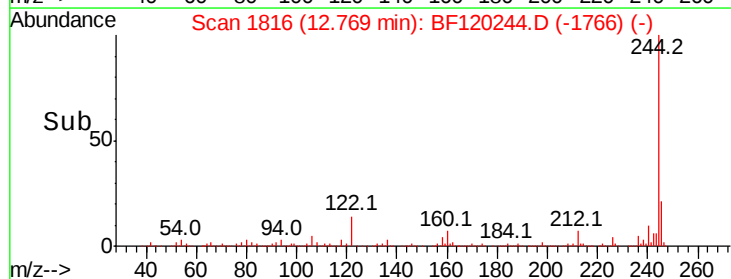
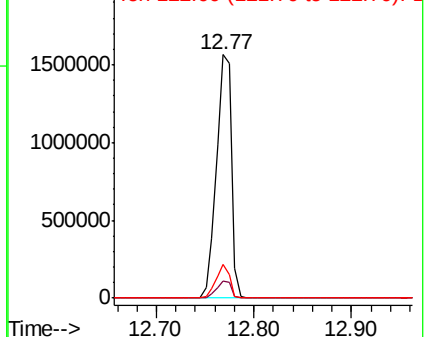
122 13.8 10.3 15.5

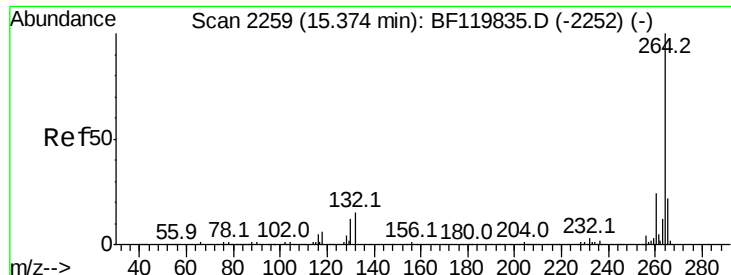


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

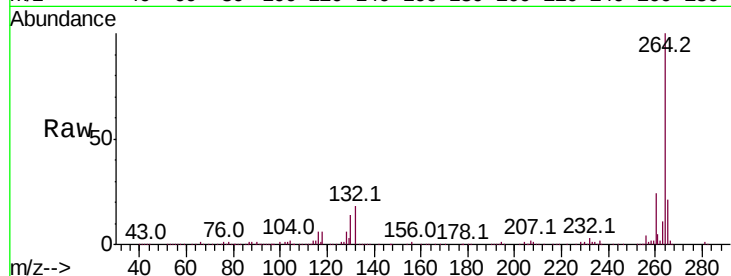




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF120244.D
Acq: 30 Apr 2020 17:28

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK-4-29-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.0	17.7	26.5



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

