

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120944.D
 Acq On : 20 Jul 2020 20:46
 Operator : JU/CG
 Sample : L3329-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-19

Quant Time: Jul 21 00:42:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

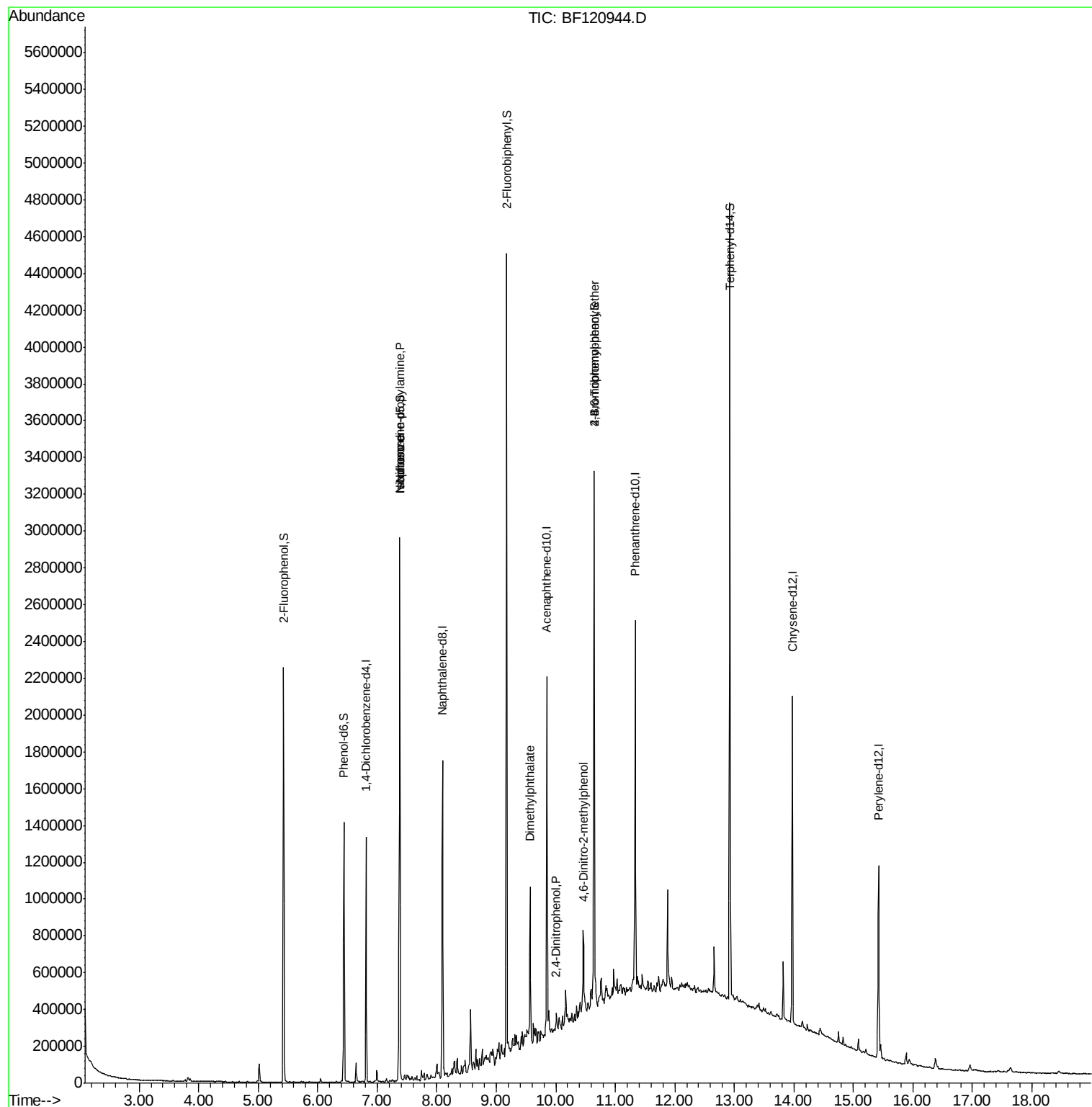
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	190510	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	729813	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	395340	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	743222	20.00	ng	0.00
76) Chrysene-d12	13.97	240	599972	20.00	ng	0.00
86) Perylene-d12	15.42	264	485591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	629122	54.14	ng	0.00
7) Phenol-d6	6.44	99	481107	32.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	1044195	82.79	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	500053	115.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1694419	63.99	ng	0.00
79) Terphenyl-d14	12.93	244	1869384	67.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	251	Below Cal		82
19) n-Nitroso-di-n-propylamine	7.38	70	138968	16.280 ng	#	76
25) Isophorone	7.38	82	1033347	41.051 ng	#	63
50) Dimethylphthalate	9.57	163	299845	10.513 ng		99
54) 2,4-Dinitrophenol	10.00	184	323	6.917 ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.47	198	734	4.000 ng	#	1
67) 4-Bromophenyl-phenylether	10.65	248	28364	3.423 ng	#	1

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

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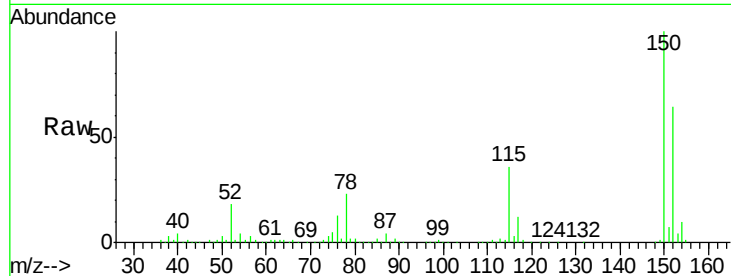


#1

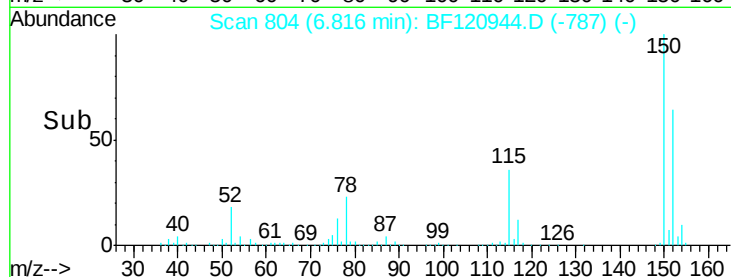
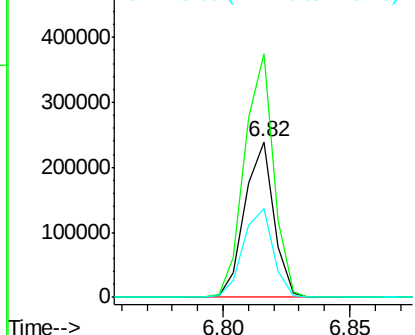
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120944.D
Acq: 20 Jul 2020 20:46

Instrument :
BNA_F
ClientSampleId :
ERM-19

Tot Ion:152 Resp: 190510
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.6
115 57.0 47.0 70.4



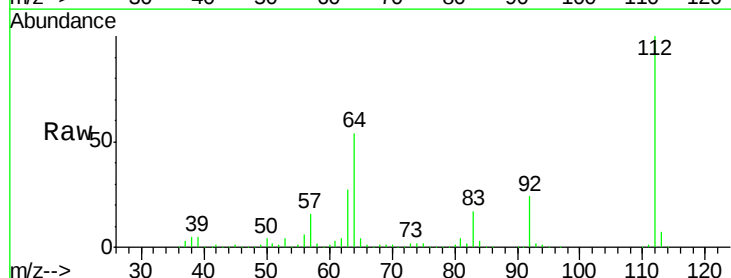
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



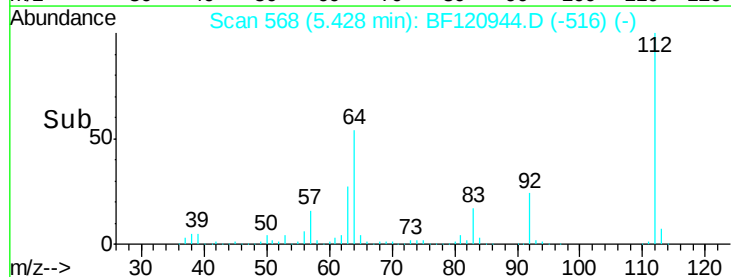
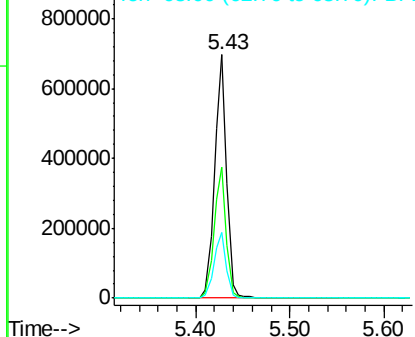
#5

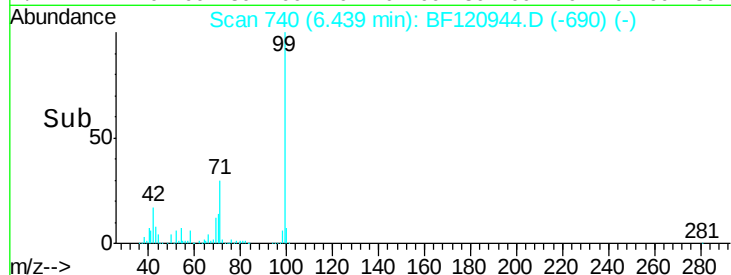
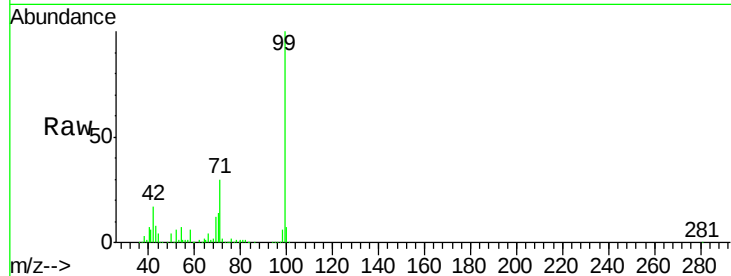
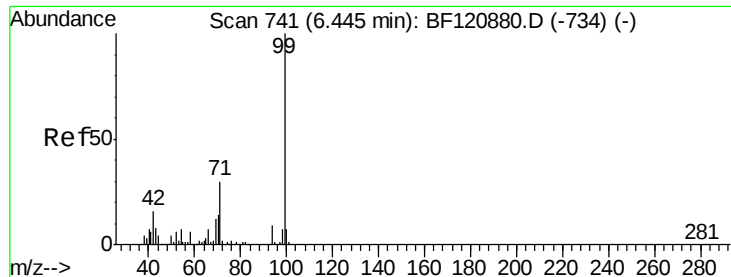
2-Fluorophenol
Concen: 54.137 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120944.D
Acq: 20 Jul 2020 20:46

Tgt Ion:112 Resp: 629122
Ion Ratio Lower Upper
112 100
64 54.0 41.3 61.9
63 27.2 21.1 31.7



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: 32.049 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Instrument :

BNA_F

ClientSampleId :

ERM-19

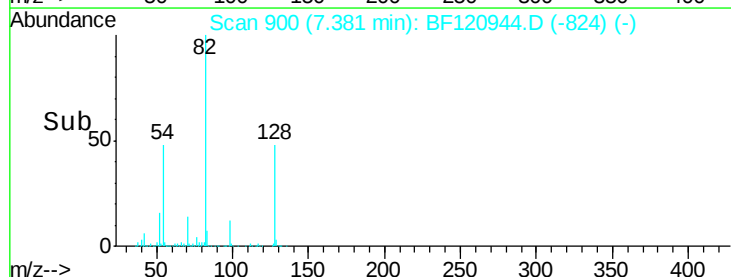
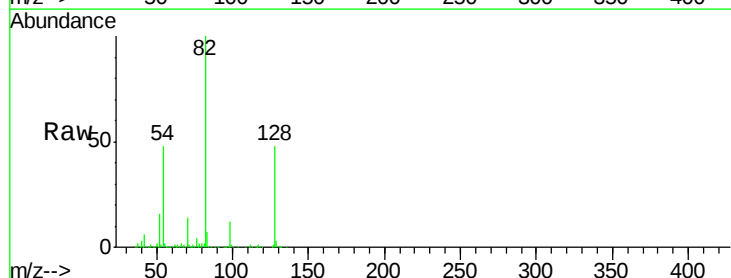
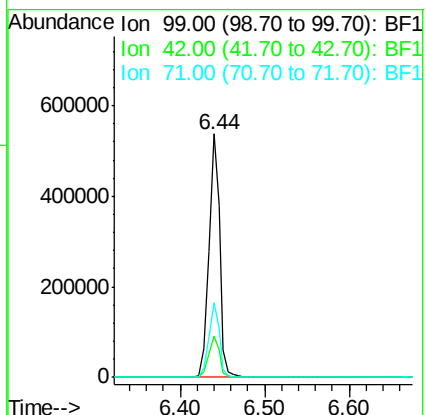
Tot Ion: 99 Resp: 481107

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 30.5 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.280 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Tgt Ion: 70 Resp: 138968

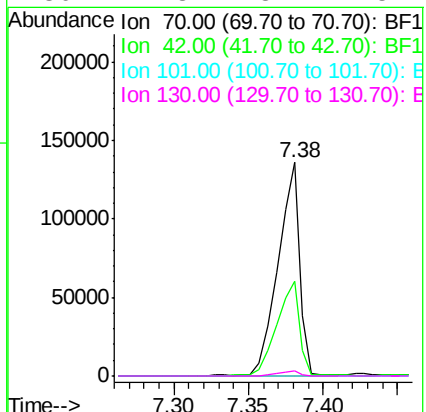
Ion Ratio Lower Upper

70 100

42 44.4 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Instrument :

BNA_F

ClientSampled :

ERM-19

Tot Ion:136 Resp: 729813

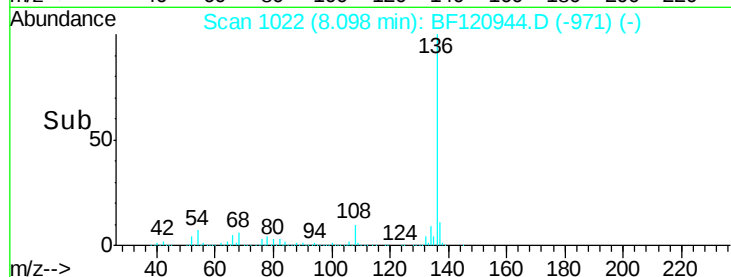
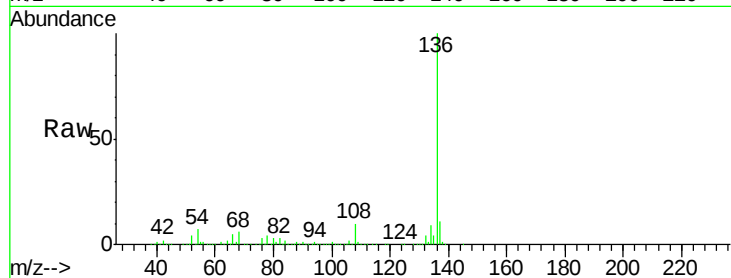
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.2 6.3 9.5

68 5.9 5.0 7.4

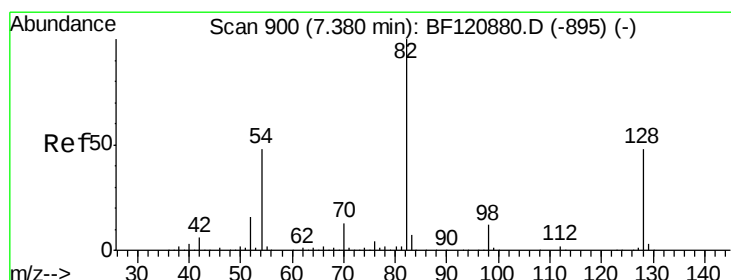
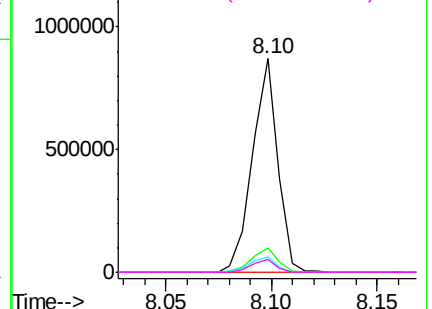


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.789 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

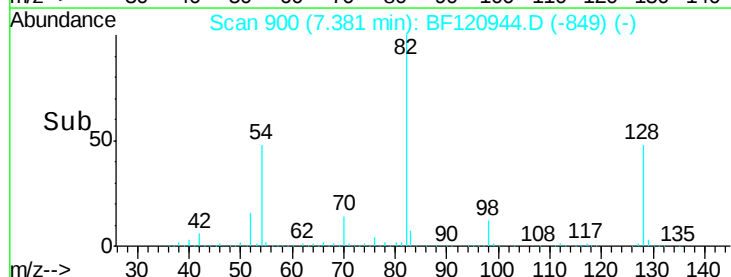
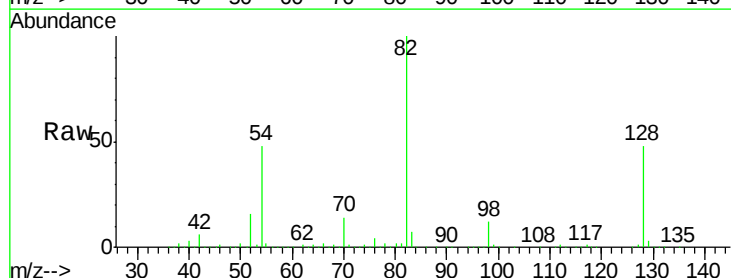
Tgt Ion: 82 Resp: 1044195

Ion Ratio Lower Upper

82 100

128 48.1 38.2 57.4

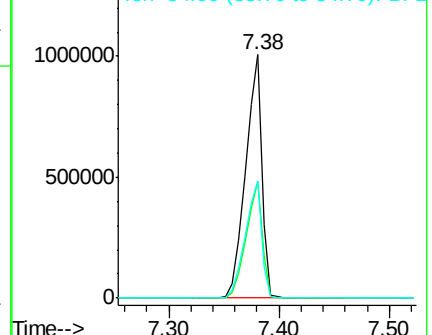
54 48.2 38.7 58.1



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: 41.051 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Instrument :

BNA_F

ClientSampleId :

ERM-19

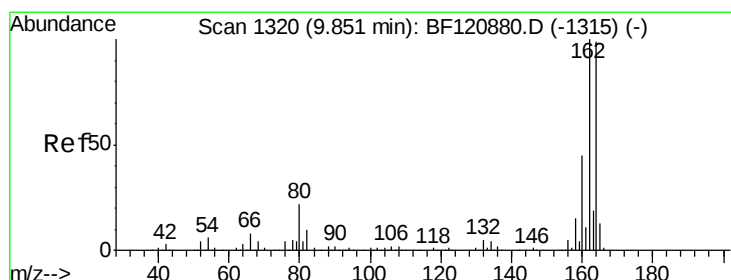
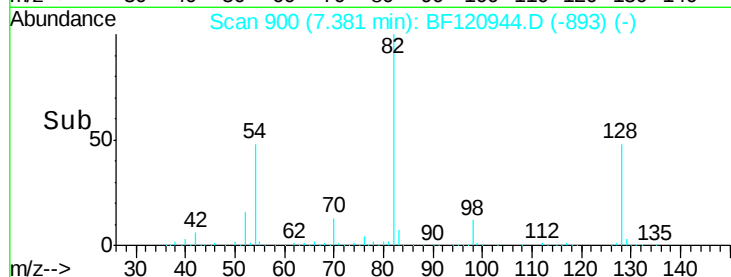
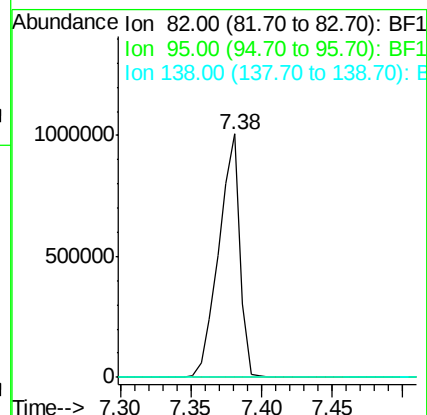
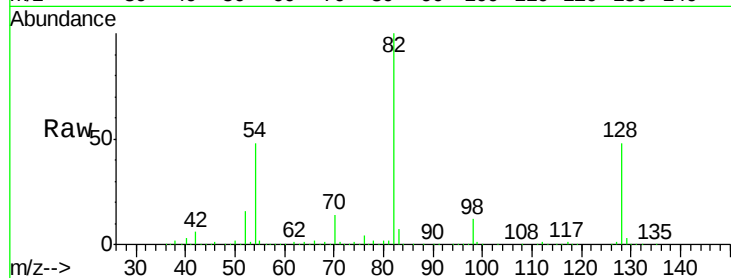
Tot Ion: 82 Resp: 1033347

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

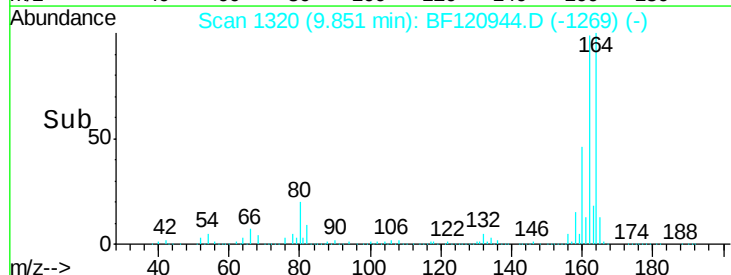
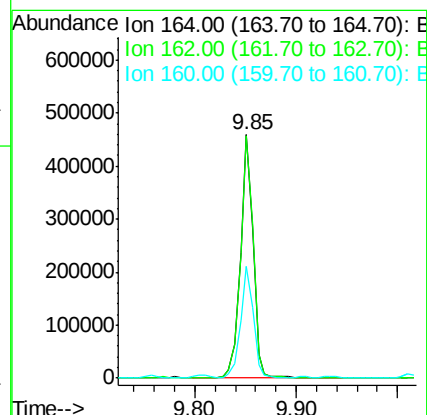
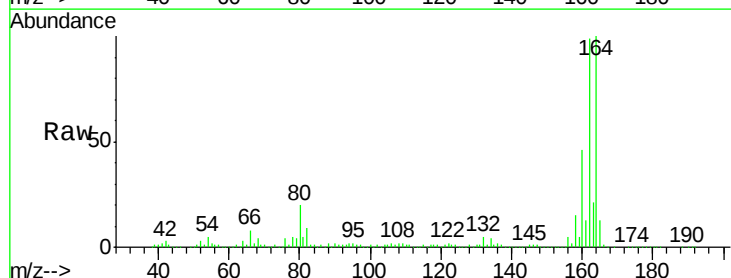
Tgt Ion:164 Resp: 395340

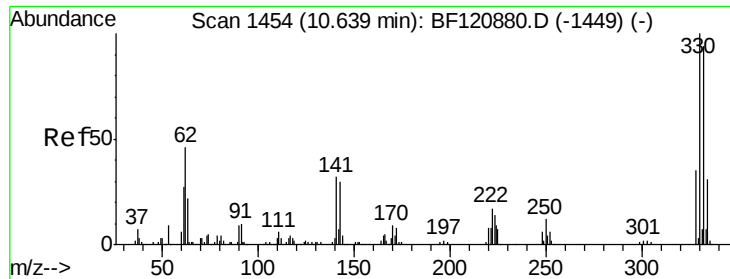
Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

160 46.1 36.9 55.3

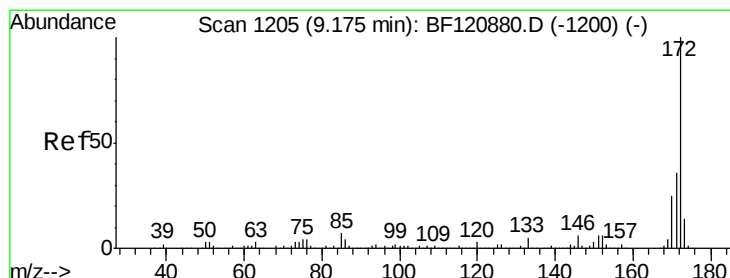
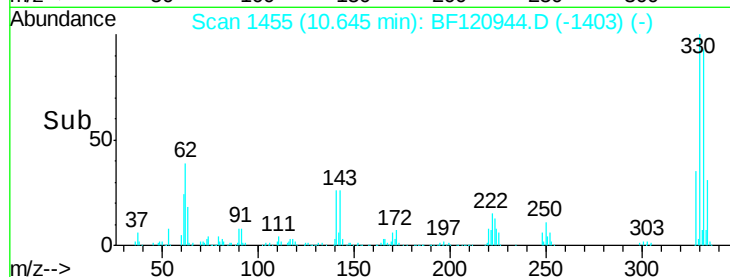
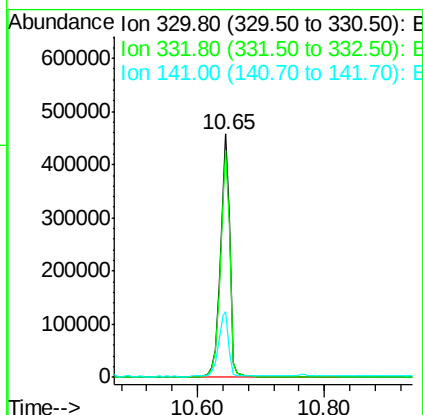
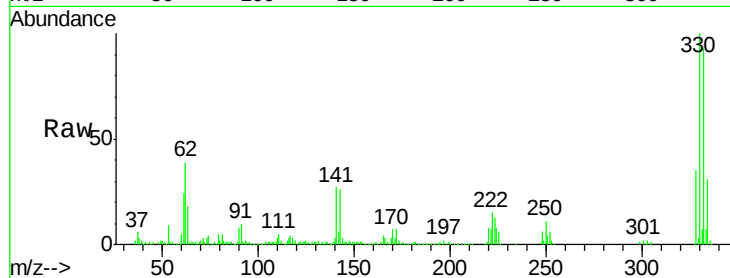




#42
 2,4,6-Tribromophenol
 Concen: 115.555 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF120944.D
 Acq: 20 Jul 2020 20:46

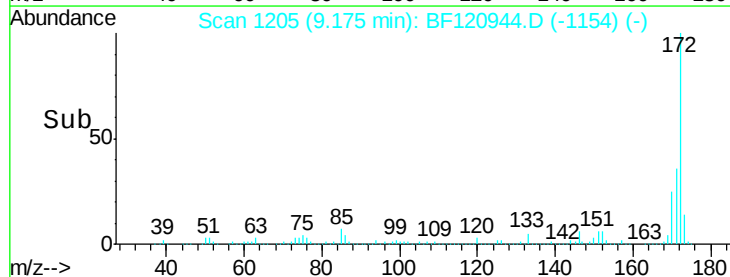
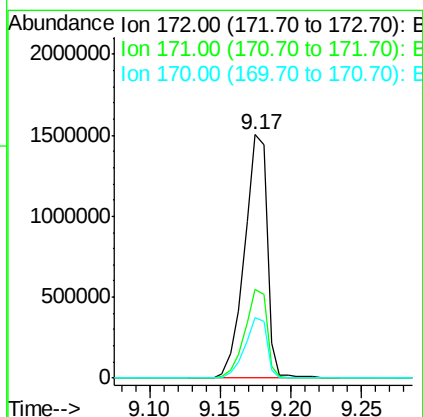
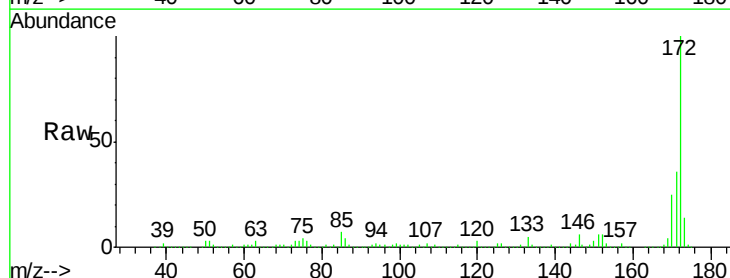
Instrument :
 BNA_F
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 ERM-19

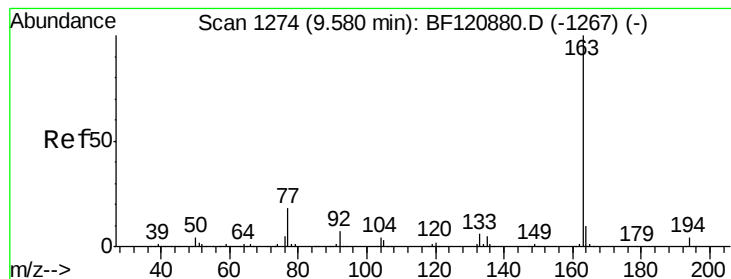
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.5	113.3
141	28.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 63.992 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120944.D
 Acq: 20 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.7	19.6	29.4





#50

Dimethylphthalate

Concen: 10.513 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Instrument :

BNA_F

ClientSampleId :

ERM-19

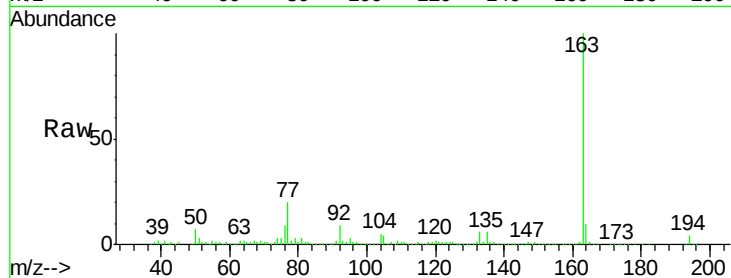
Tot Ion:163 Resp: 299845

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

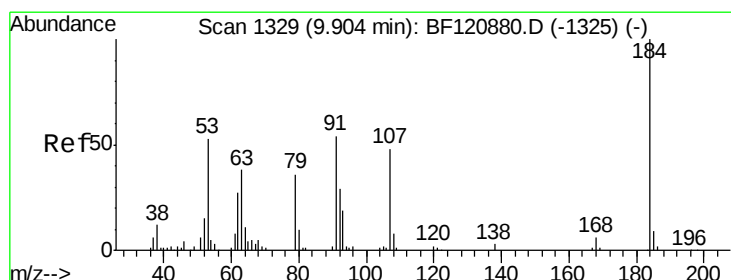
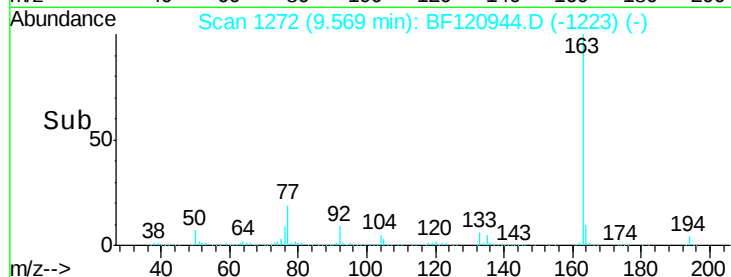
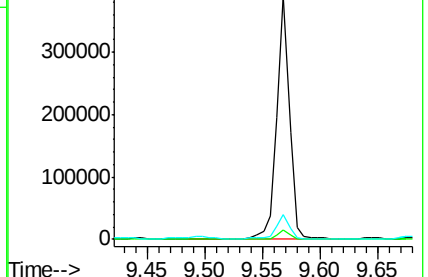
164 10.3 7.9 11.9



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



#54

2,4-Dinitrophenol

Concen: 6.917 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.10 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

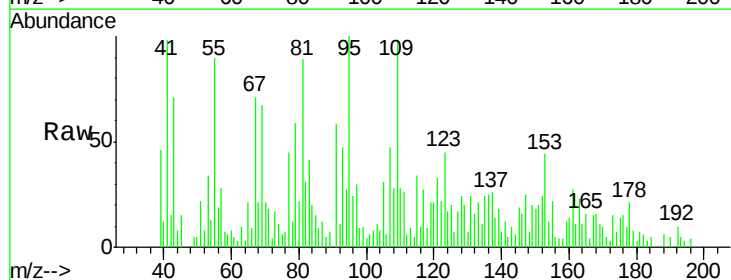
Tgt Ion:184 Resp: 323

Ion Ratio Lower Upper

184 100

63 188.4 57.9 86.9#

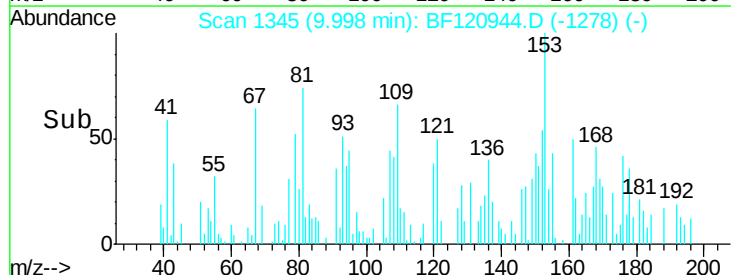
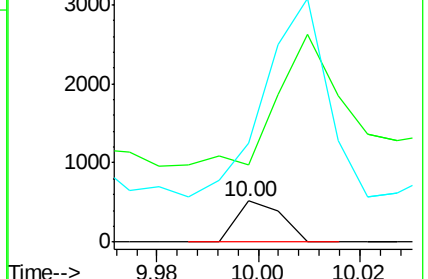
154 242.3 52.6 78.8#

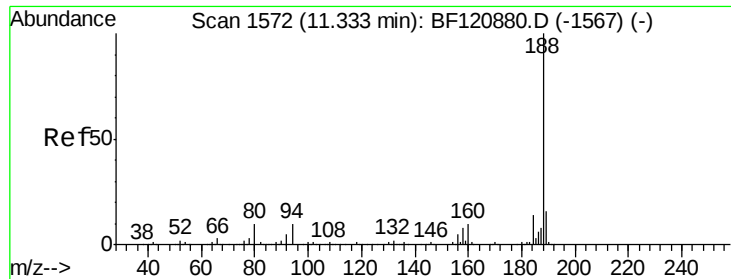


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120944.D

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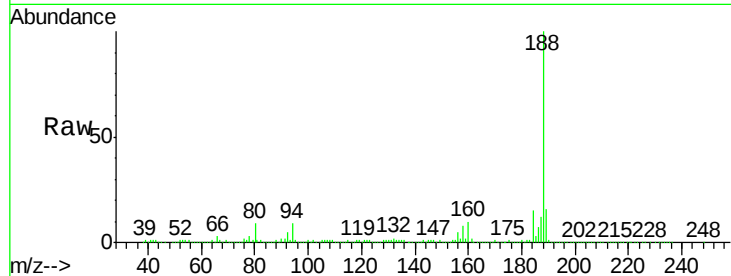
Tot Ion:188 Resp: 743222

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

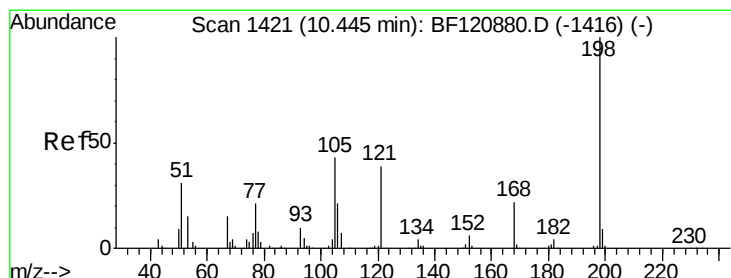
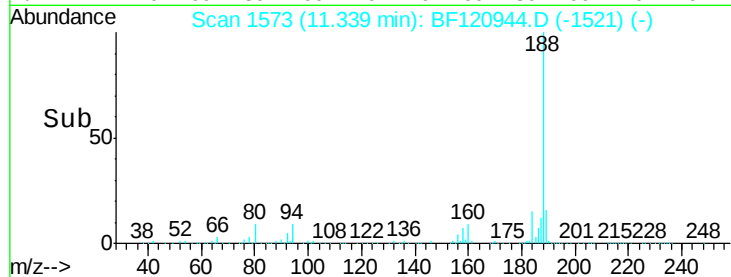
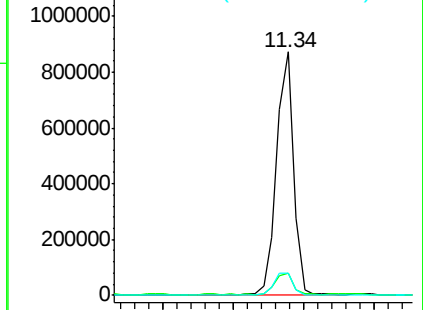
80 9.1 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.000 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

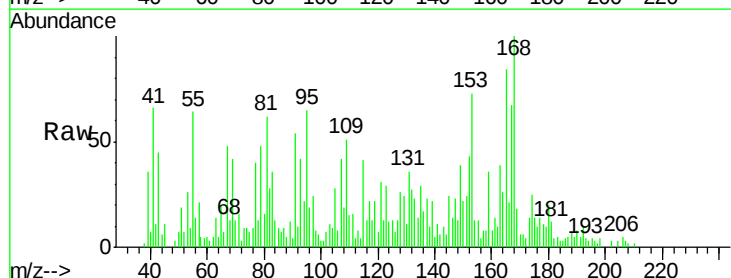
Tgt Ion:198 Resp: 734

Ion Ratio Lower Upper

198 100

51 419.7 19.5 59.5#

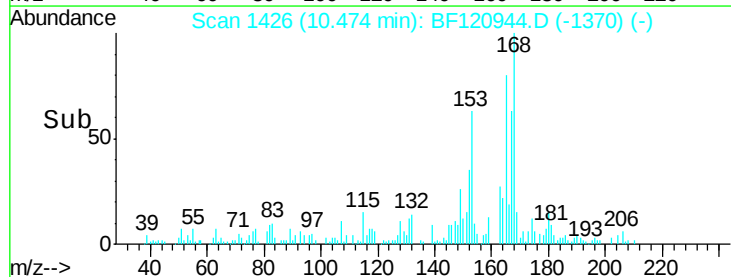
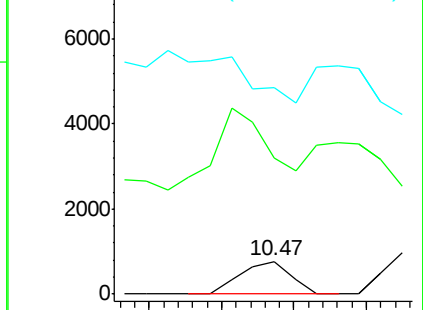
105 634.1 24.4 64.4#

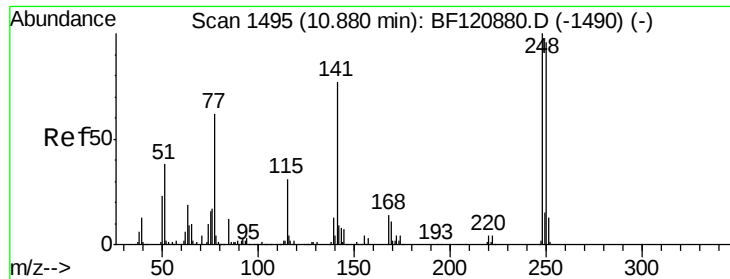


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

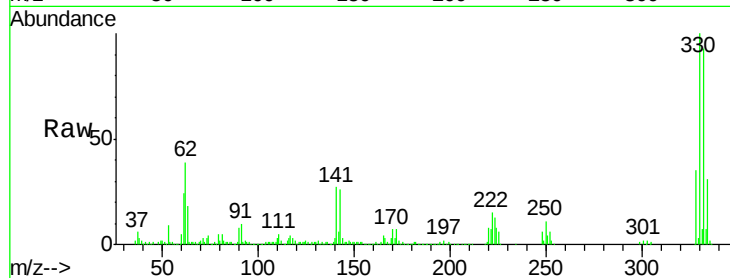




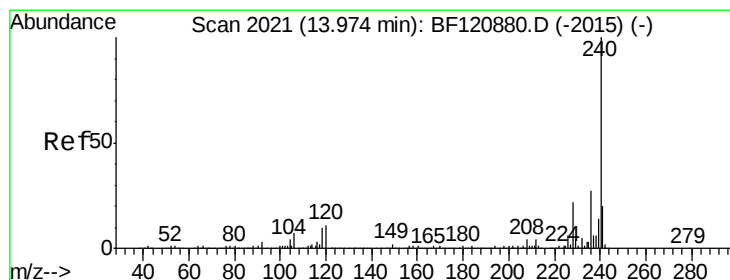
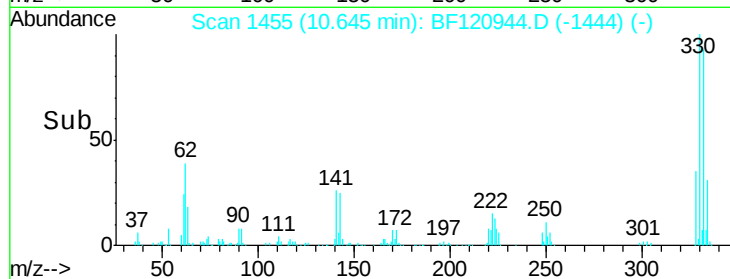
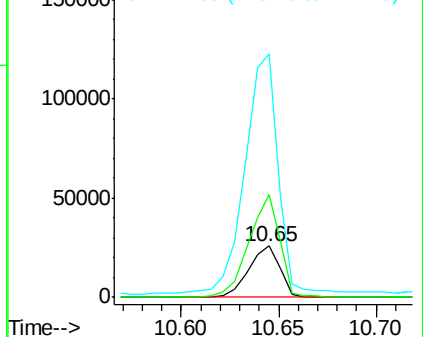
#67
 4-Bromophenyl-phenylether
 Concen: 3.423 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF120944.D
 Acq: 20 Jul 2020 20:46

Instrument :
 BNA_F
 ClientSampleId :
 ERM-19

Tot Ion:248 Resp: 28364
 Ion Ratio Lower Upper
 248 100
 250 200.1 77.1 115.7#
 141 474.5 61.2 91.8#

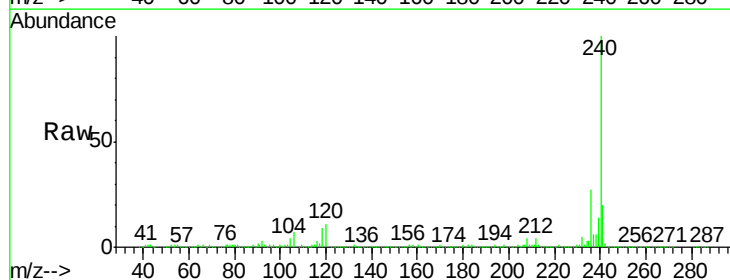


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

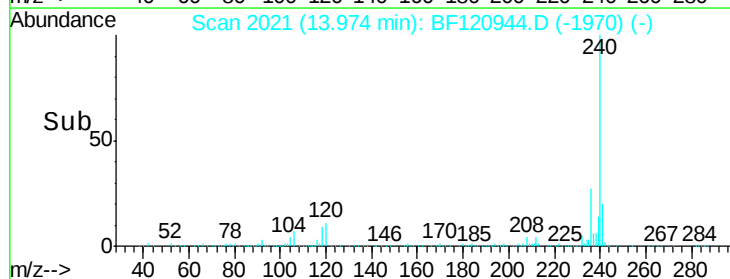
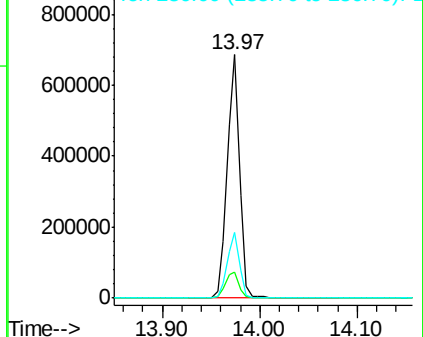


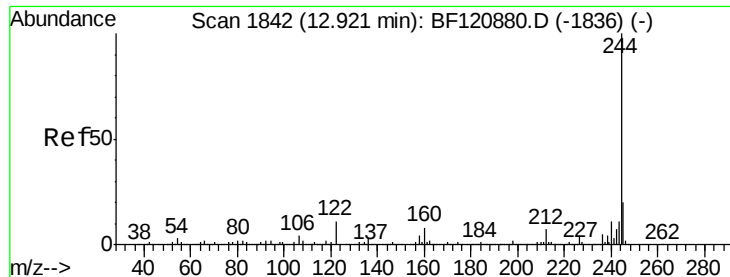
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120944.D
 Acq: 20 Jul 2020 20:46

Tgt Ion:240 Resp: 599972
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.4
 236 27.0 21.7 32.5



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: 67.730 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

Instrument :

BNA_F

ClientSampleId :

ERM-19

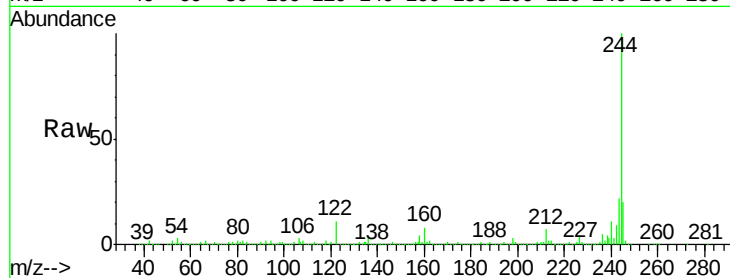
Tot Ion:244 Resp: 1869384

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

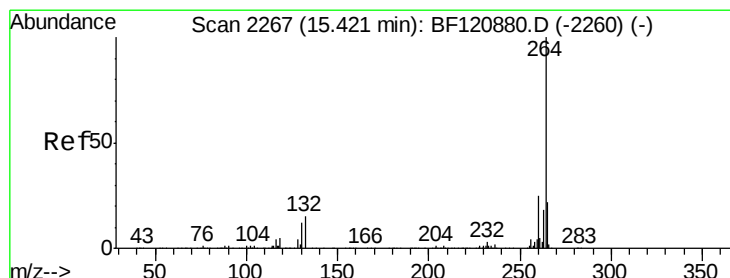
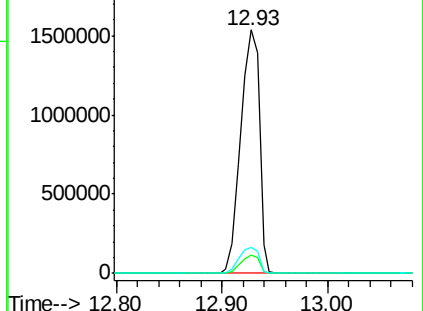
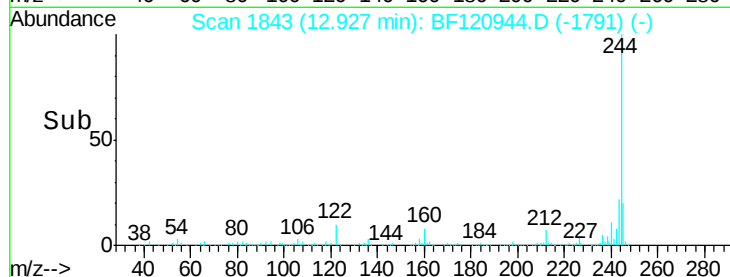
122 10.6 8.9 13.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120944.D

Acq: 20 Jul 2020 20:46

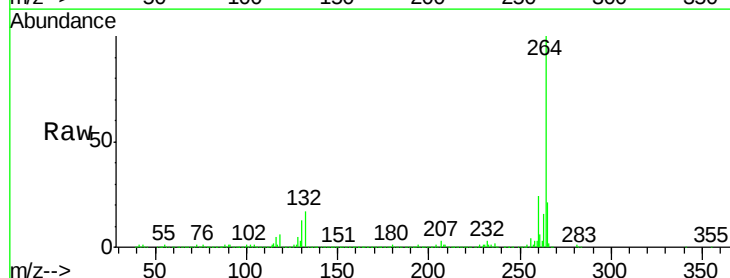
Tgt Ion:264 Resp: 485591

Ion Ratio Lower Upper

264 100

260 24.3 20.0 30.0

265 21.5 17.4 26.2



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

