

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119508.D
 Acq On : 25 Mar 2020 16:52
 Operator : CG/JU
 Sample : L1757-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-032420

Quant Time: Mar 25 17:35:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 14:07:20 2020
 Response via : Initial Calibration

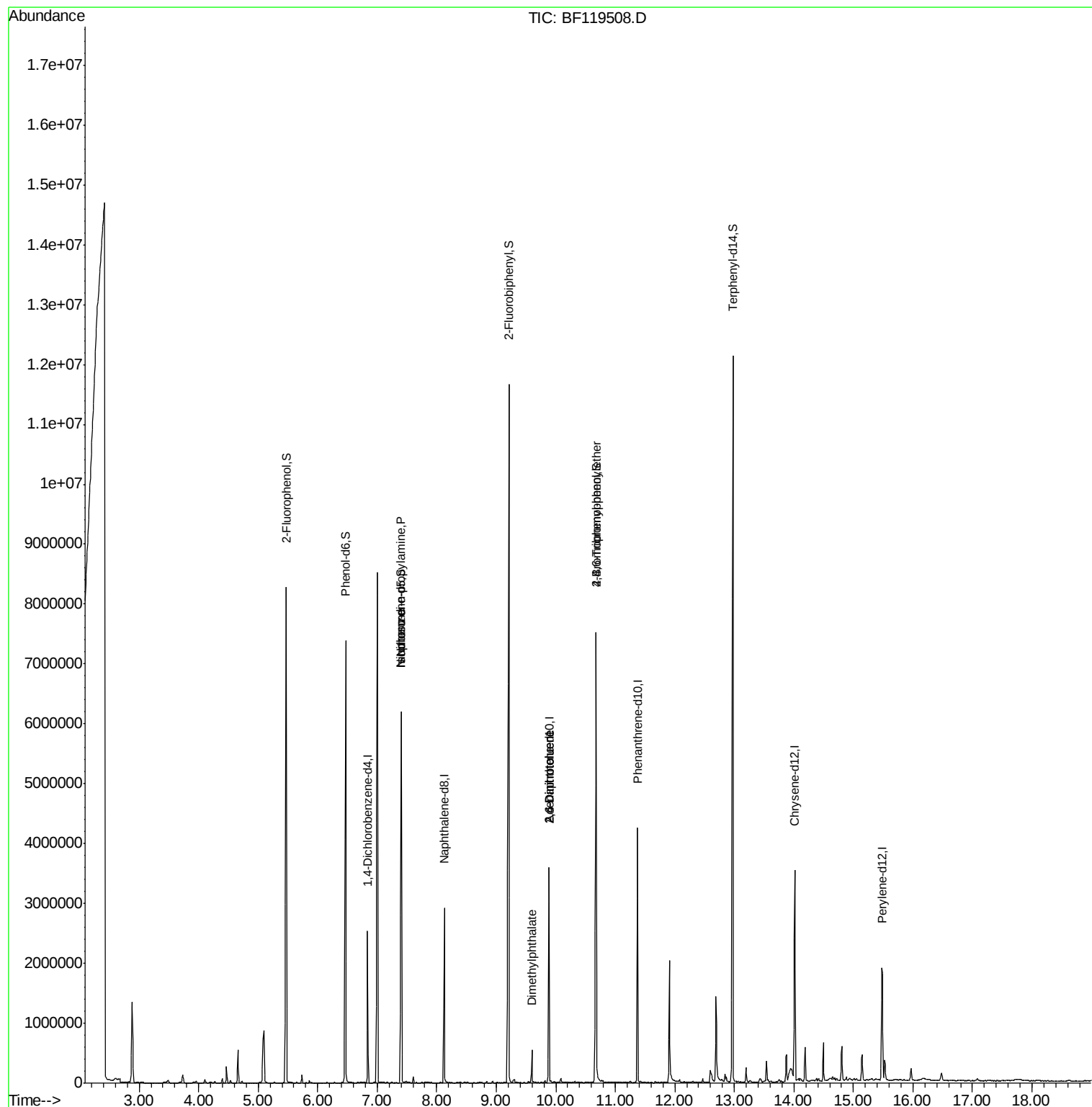
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	368767	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1415865	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	764473	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1504312	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1151602	20.00	ng	-0.01
87) Perylene-d12	15.48	264	936522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2512129	108.44	ng	0.02
7) Phenol-d6	6.47	99	2700818	91.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	2401877	92.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	1175360	149.03	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	4280778	82.96	ng	0.00
79) Terphenyl-d14	12.97	244	5142877	87.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	325086	18.226	ng	# 74
25) Isophorone	7.40	82	2370426	44.854	ng	# 66
50) Dimethylphthalate	9.60	163	219786	4.048	ng	99
51) 2,6-Dinitrotoluene	9.89	165	99015	8.507	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	99015	6.753	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	72479	4.231	ng	# 1

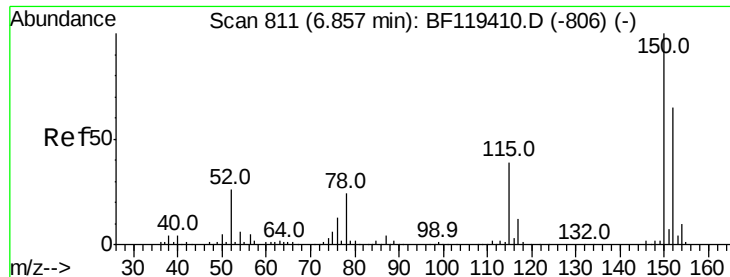
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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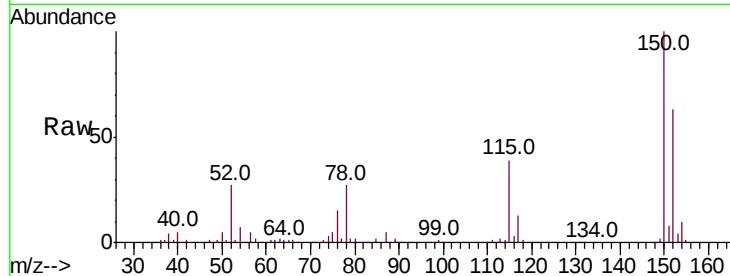


#1

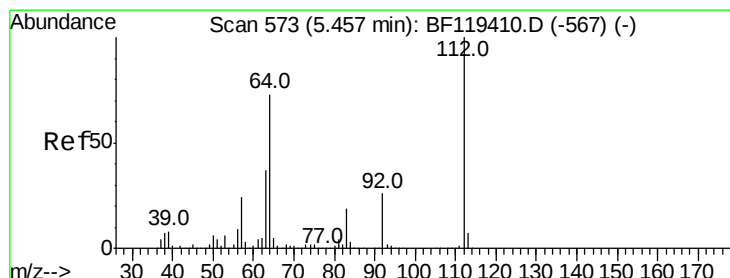
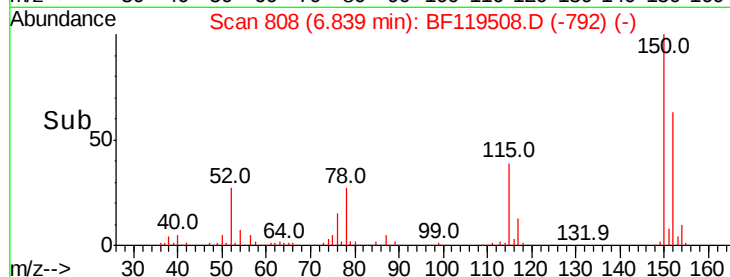
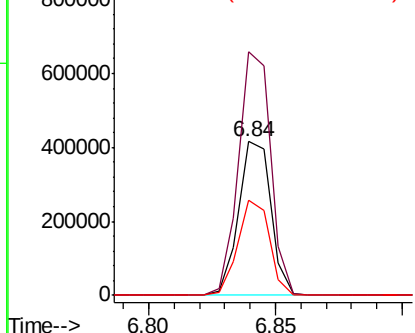
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

Instrument :
BNA_F
ClientSampleId :
EO-01-032420

Tot Ion:152 Resp: 368767
Ion Ratio Lower Upper
152 100
150 158.6 123.9 185.9
115 61.6 47.8 71.6



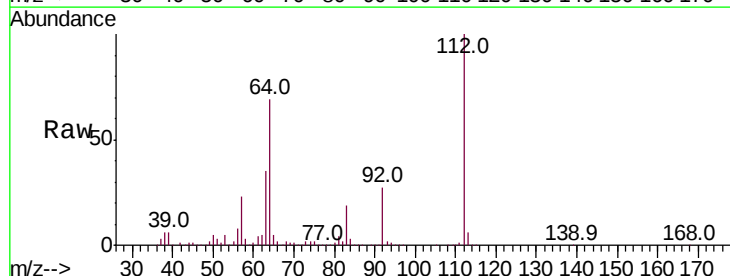
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



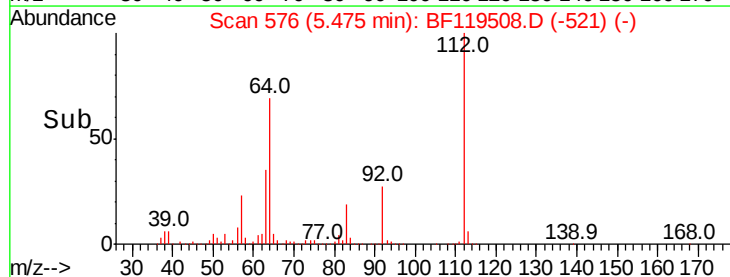
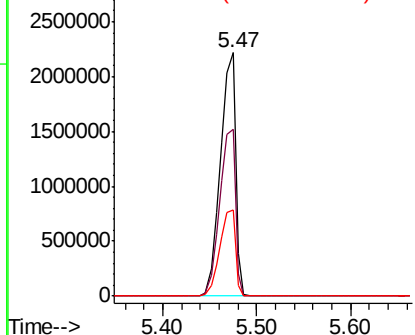
#5

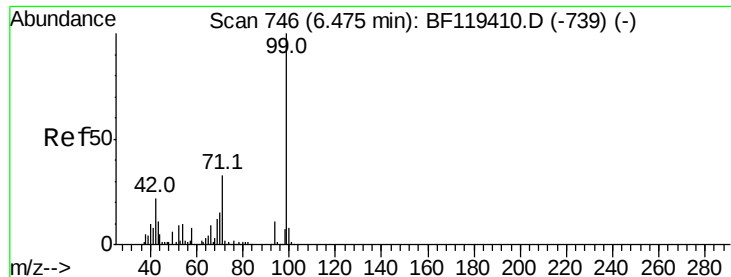
2-Fluorophenol
Concen: 108.444 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

Tgt Ion:112 Resp: 2512129
Ion Ratio Lower Upper
112 100
64 68.6 58.1 87.1
63 35.4 29.7 44.5



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: 91.269 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

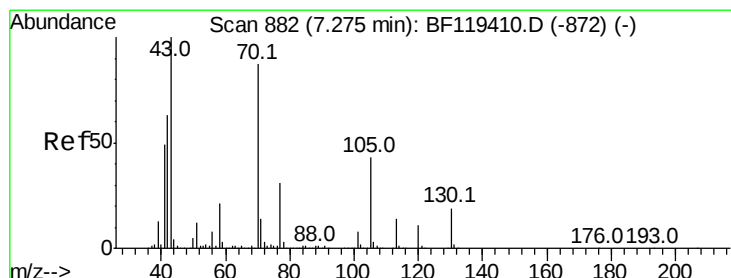
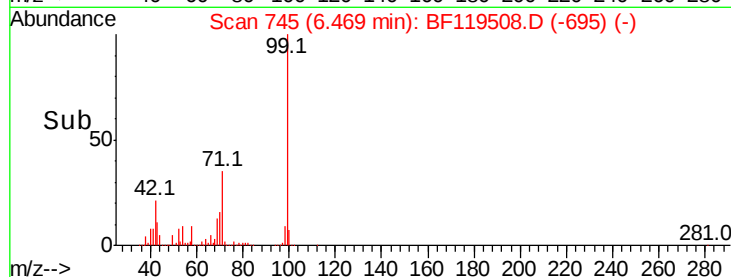
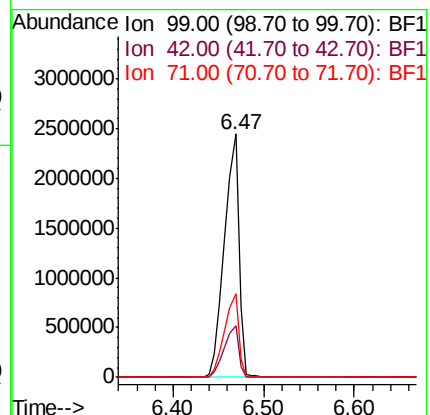
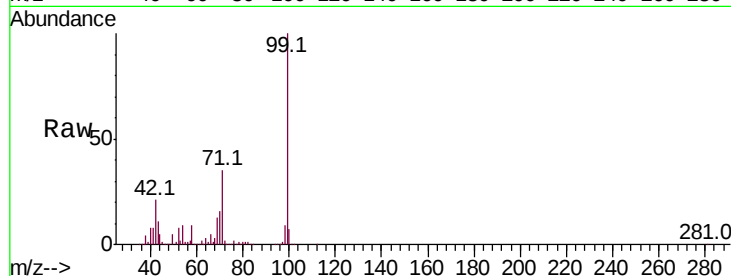
Tot Ion: 99 Resp: 2700818

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 34.6 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.226 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

Tgt Ion: 70 Resp: 325086

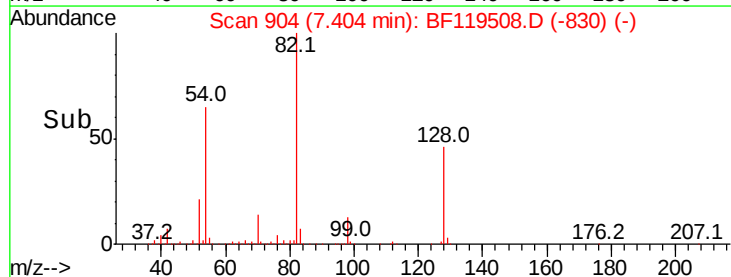
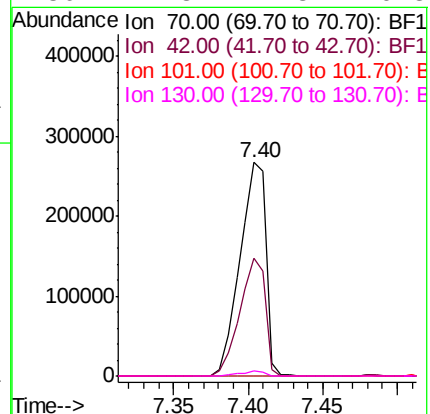
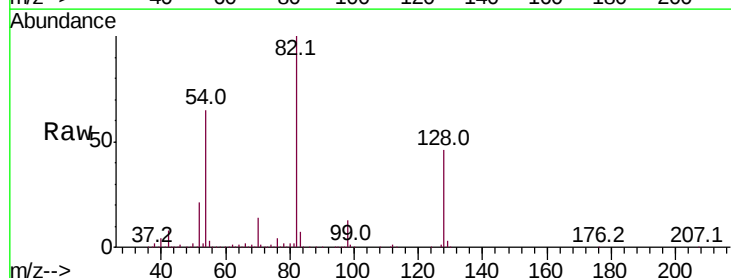
Ion Ratio Lower Upper

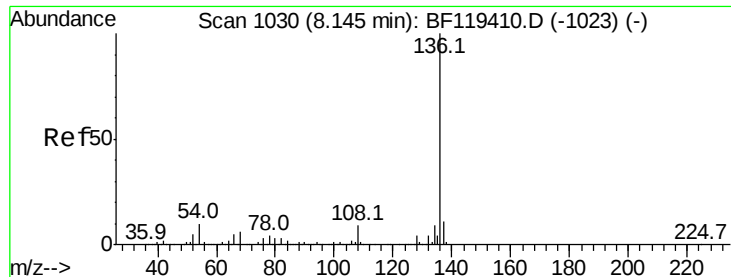
70 100

42 55.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#

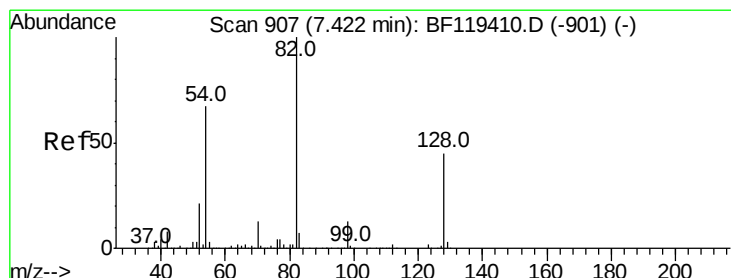
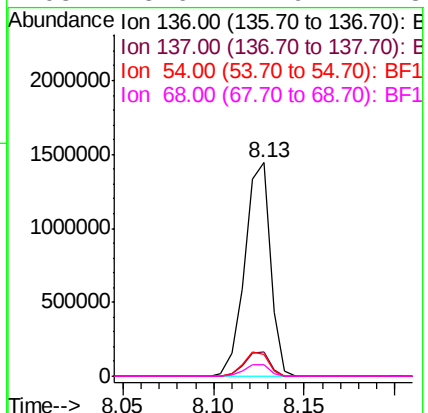
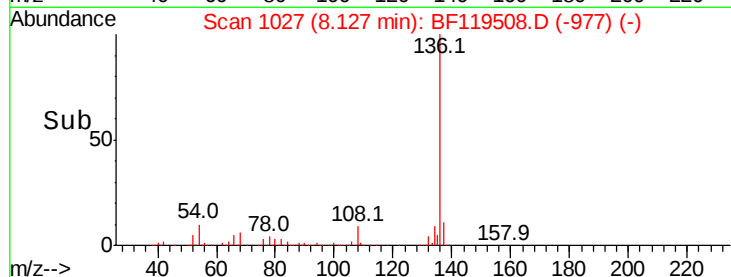
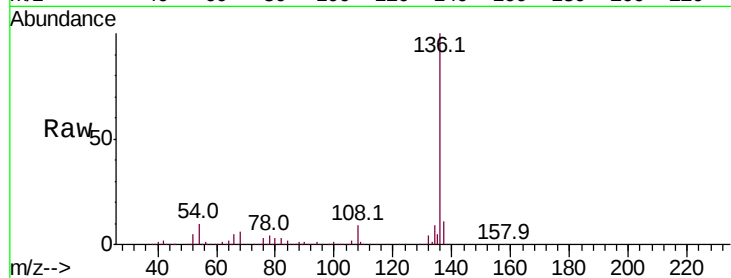




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

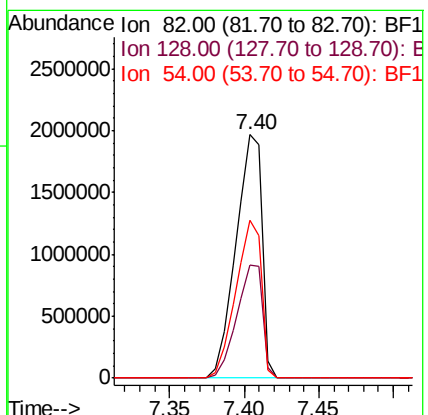
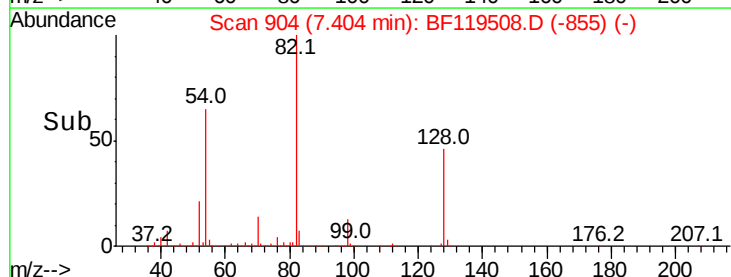
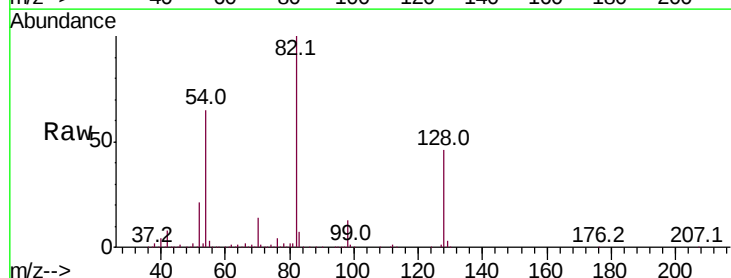
Instrument :
BNA_F
ClientSampleId :
EO-01-032420

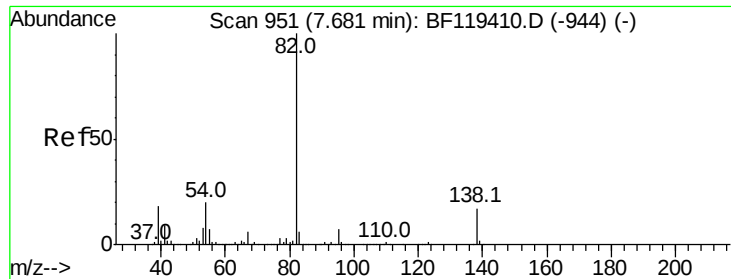
Tot Ion:136	Resp: 1415865
Ion Ratio	Lower Upper
136 100	
137 11.2	8.4 12.6
54 10.1	8.3 12.5
68 5.6	4.9 7.3



#23
Nitrobenzene-d5
Concen: 92.196 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

Tgt Ion: 82	Resp: 2401877
Ion Ratio	Lower Upper
82 100	
128 46.2	35.8 53.8
54 64.6	53.4 80.0





#25

Isophorone

Concen: 44.854 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

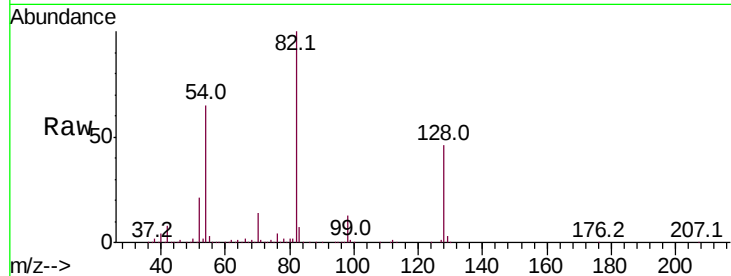
Tot Ion: 82 Resp: 2370426

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

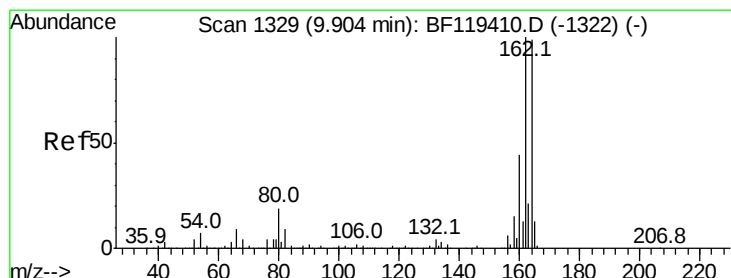
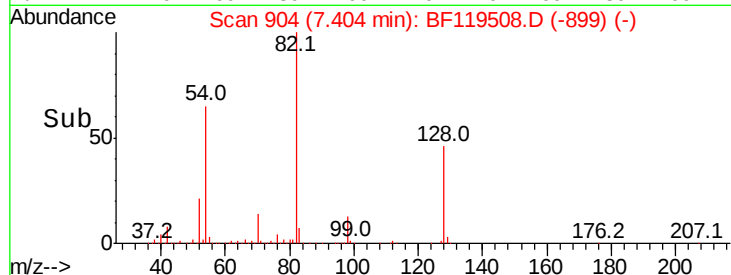
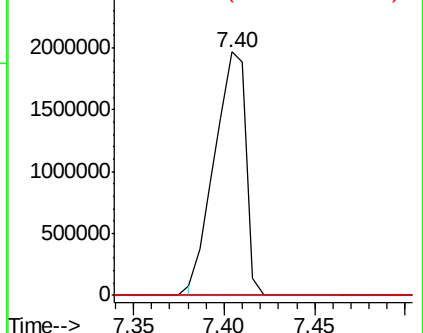
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

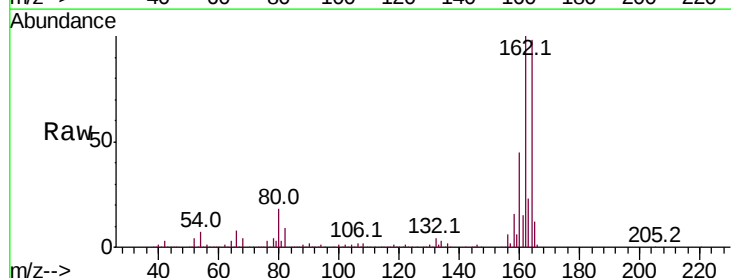
Tgt Ion:164 Resp: 764473

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

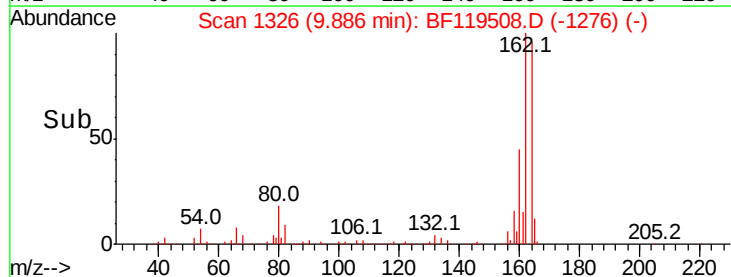
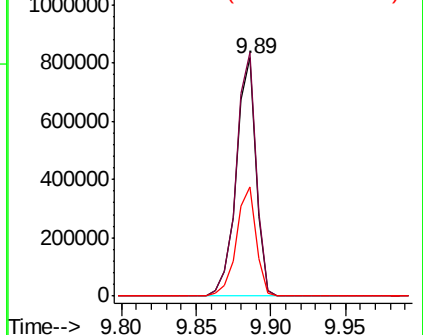
160 45.7 35.5 53.3

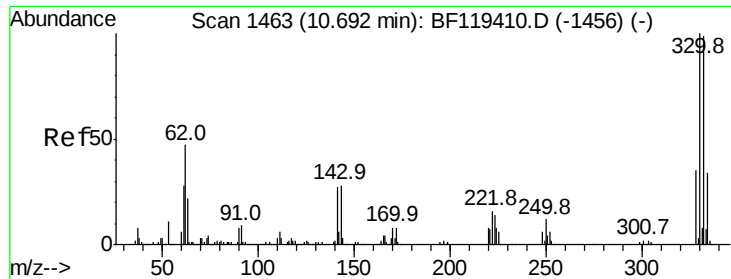


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 149.029 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

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EO-01-032420

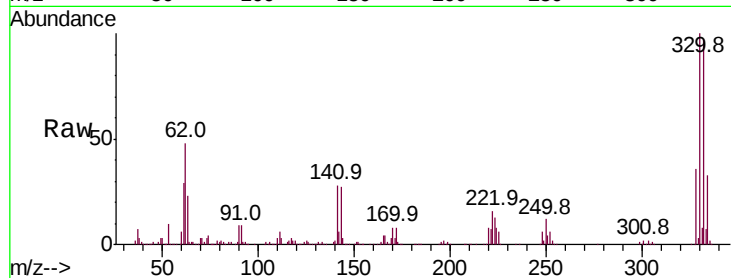
Tot Ion:330 Resp: 1175360

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

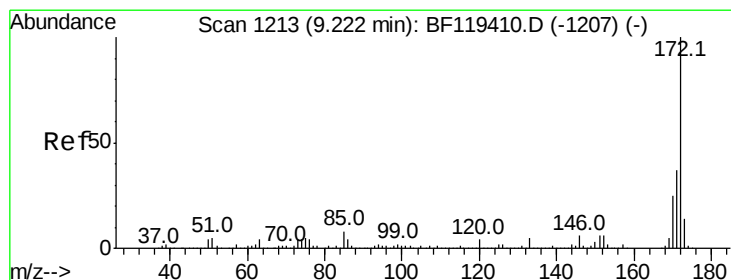
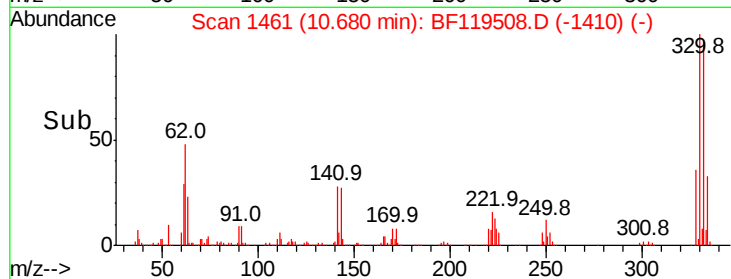
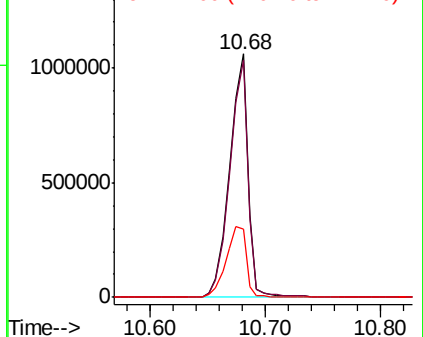
141 31.9 26.6 40.0



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: 82.957 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

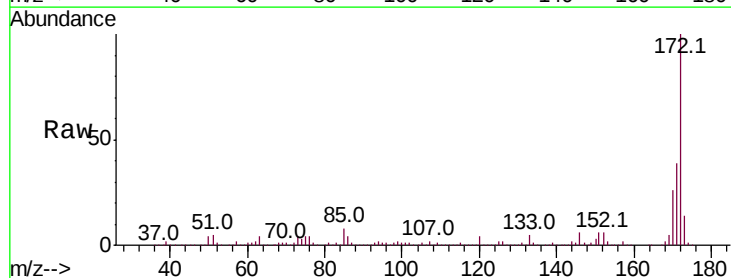
Tgt Ion:172 Resp: 4280778

Ion Ratio Lower Upper

172 100

171 39.0 29.9 44.9

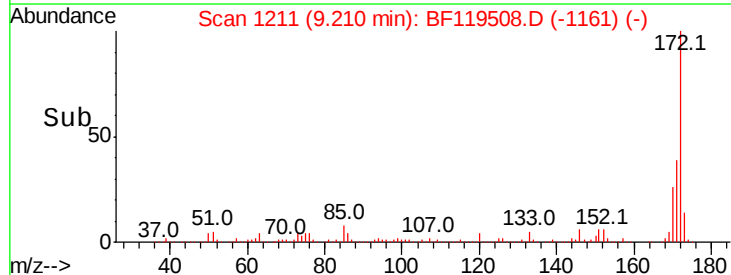
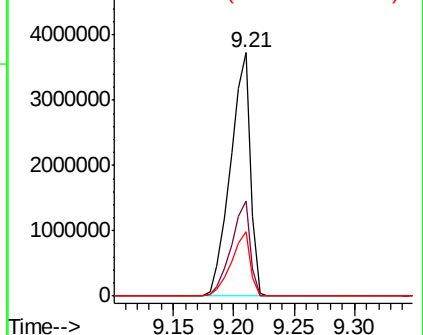
170 26.4 20.1 30.1

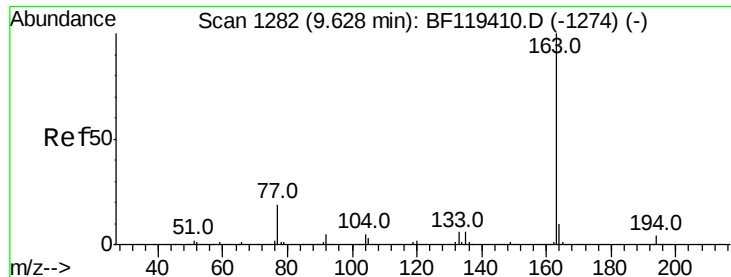


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.048 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

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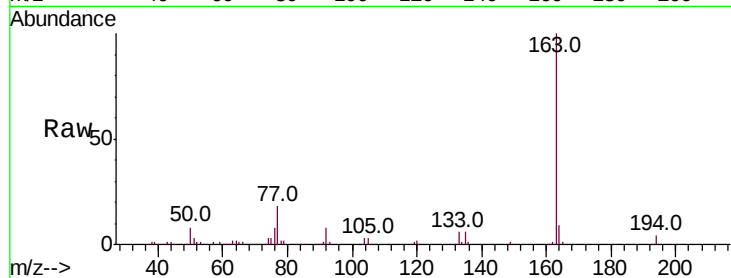
Tot Ion:163 Resp: 219786

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

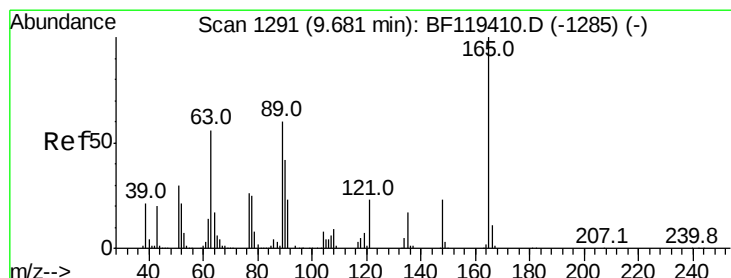
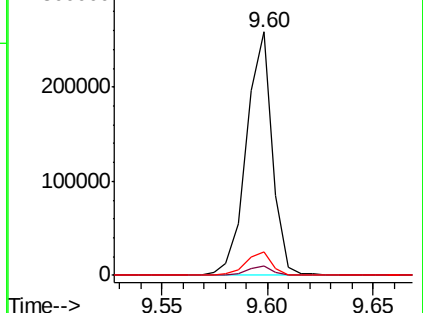
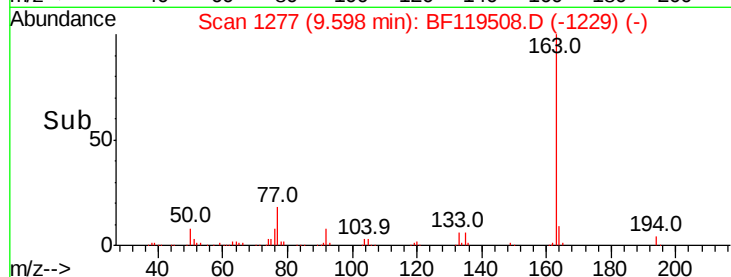
164 9.5 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 8.507 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

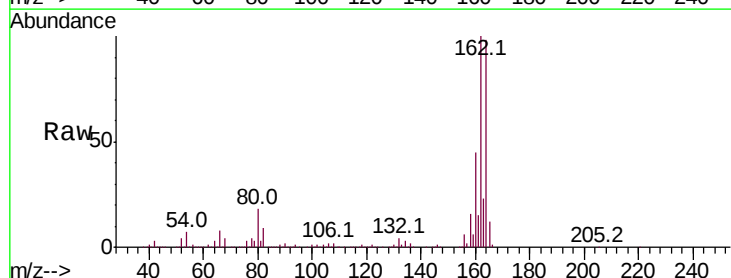
Tgt Ion:165 Resp: 99015

Ion Ratio Lower Upper

165 100

63 1.1 57.3 85.9#

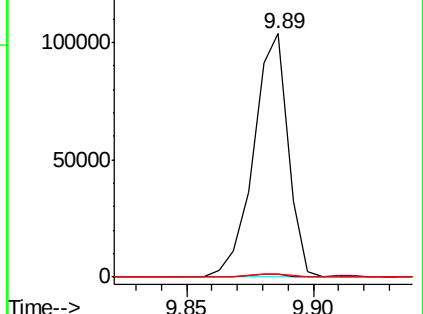
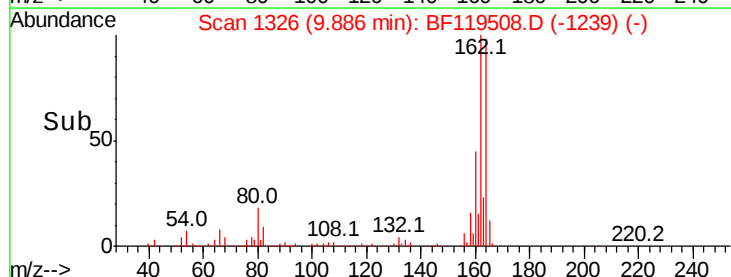
89 1.4 47.8 71.8#

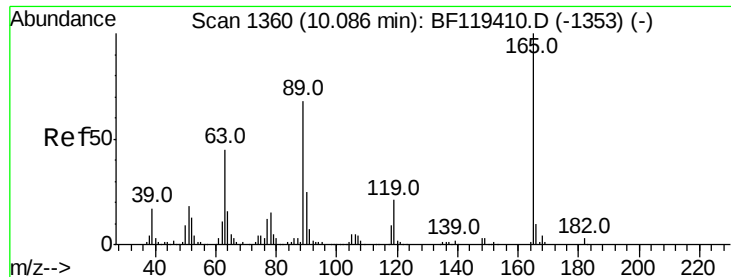


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.753 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

Instrument :

BNA_F

ClientSampleId :

EO-01-032420

Tot Ion:165 Resp: 99015

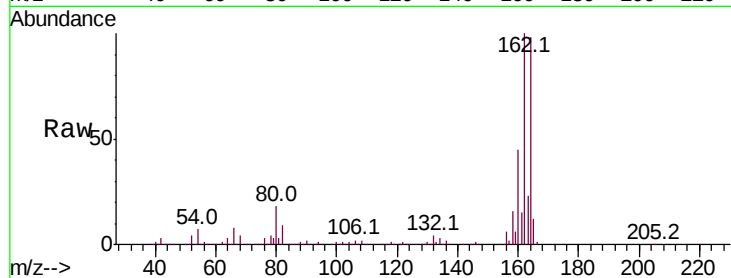
Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

89 1.4 54.3 81.5#

182 0.0 2.0 3.0#

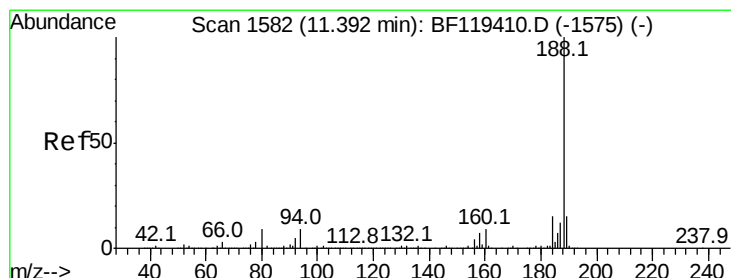
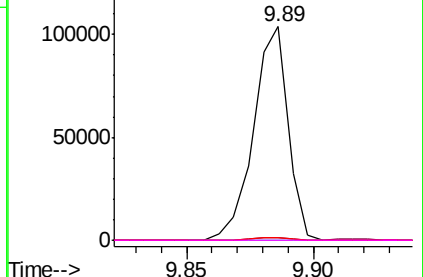
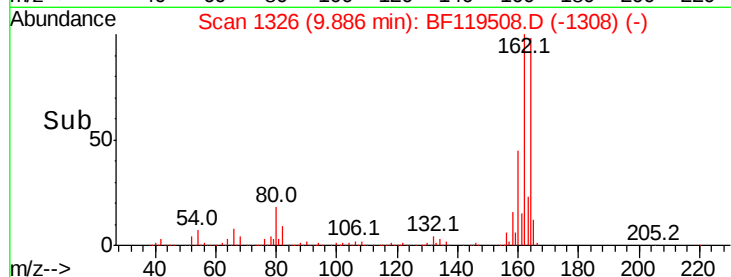


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF119508.D

Acq: 25 Mar 2020 16:52

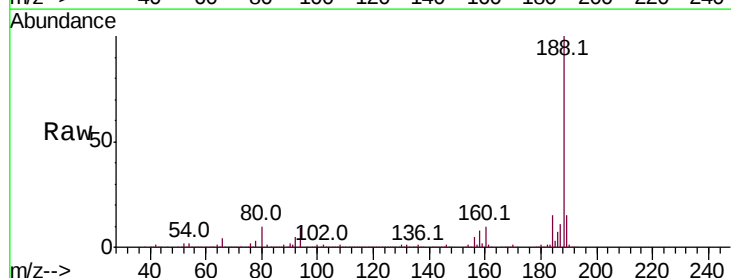
Tgt Ion:188 Resp: 1504312

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

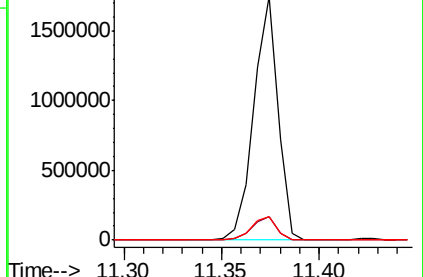
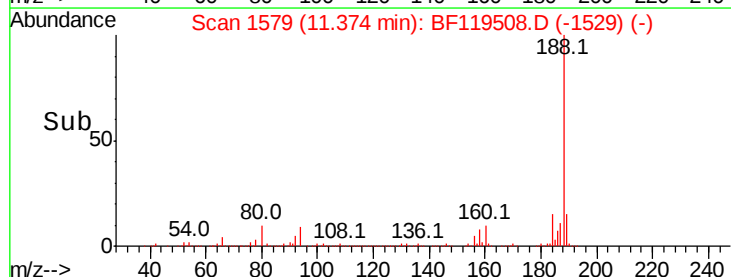
80 9.9 7.5 11.3

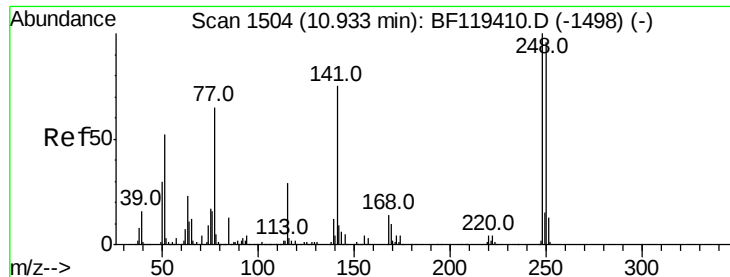


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

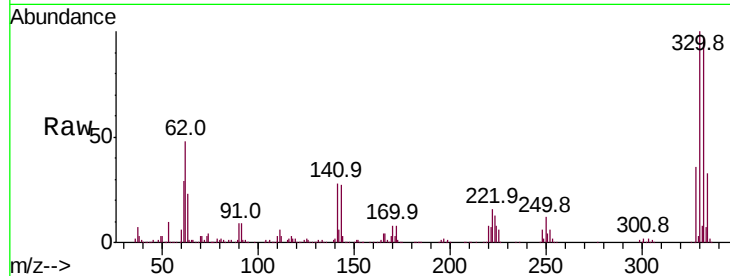




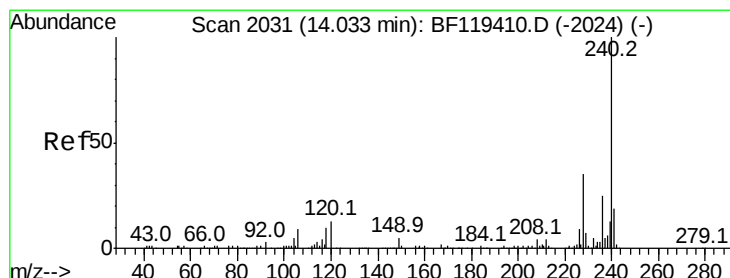
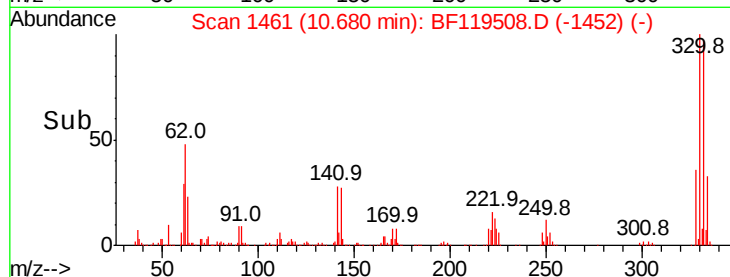
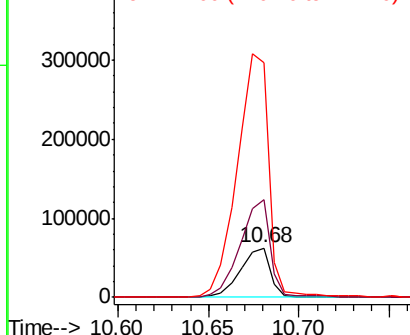
#67
4-Bromophenyl-phenylether
Concen: 4.231 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

Instrument :
BNA_F
ClientSampleId :
EO-01-032420

Tot Ion:248 Resp: 72479
Ion Ratio Lower Upper
248 100
250 198.0 77.0 115.6#
141 476.9 59.7 89.5#

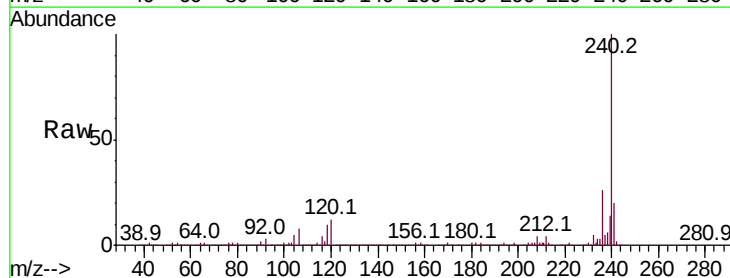


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

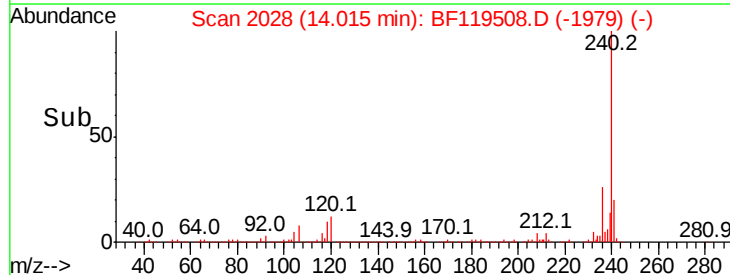
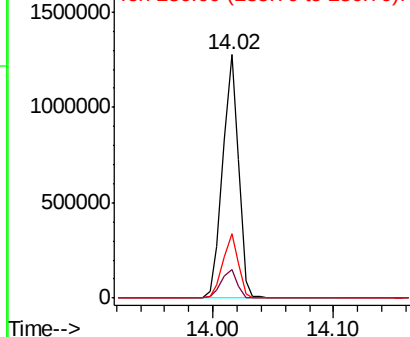


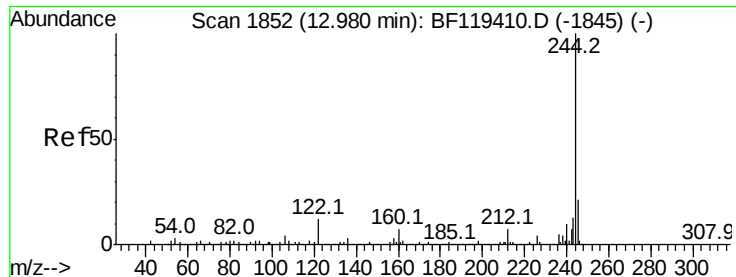
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119508.D
Acq: 25 Mar 2020 16:52

Tgt Ion:240 Resp: 1151602
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 26.3 20.4 30.6



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

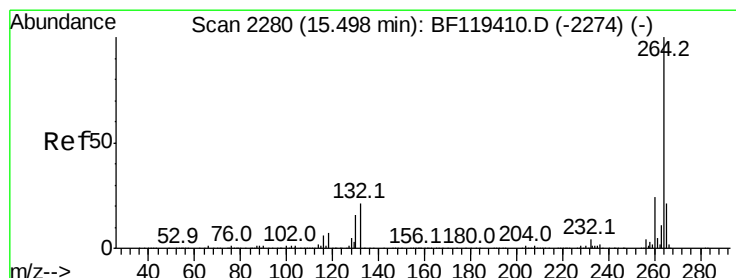
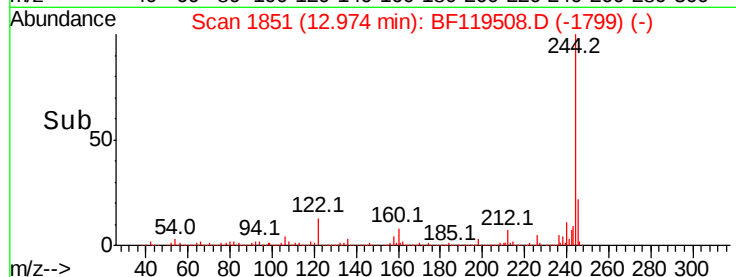
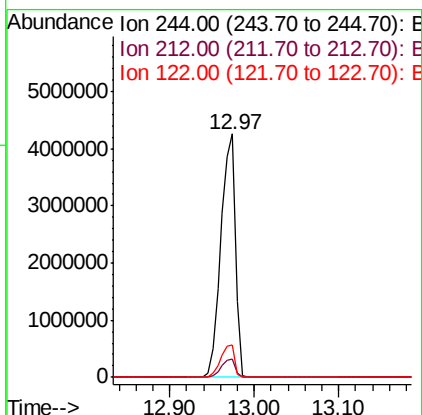
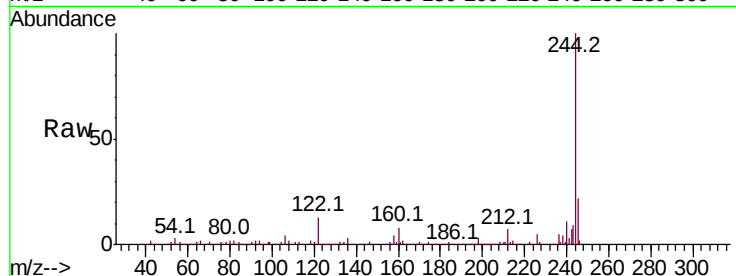




#79
 Terphenyl-d14
 Concen: 87.495 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BF119508.D
 Acq: 25 Mar 2020 16:52

Instrument :
 BNA_F
 ClientSampleID :
 EO-01-032420

Tot Ion:244 Resp: 5142877
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.2 9.8 14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BF119508.D
 Acq: 25 Mar 2020 16:52

Tgt Ion:264 Resp: 936522
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.9 16.9 25.3

