

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119539.D
 Acq On : 26 Mar 2020 19:44
 Operator : CG/JU
 Sample : L2017-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-29-(5.5-6)

Quant Time: Mar 27 00:44:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

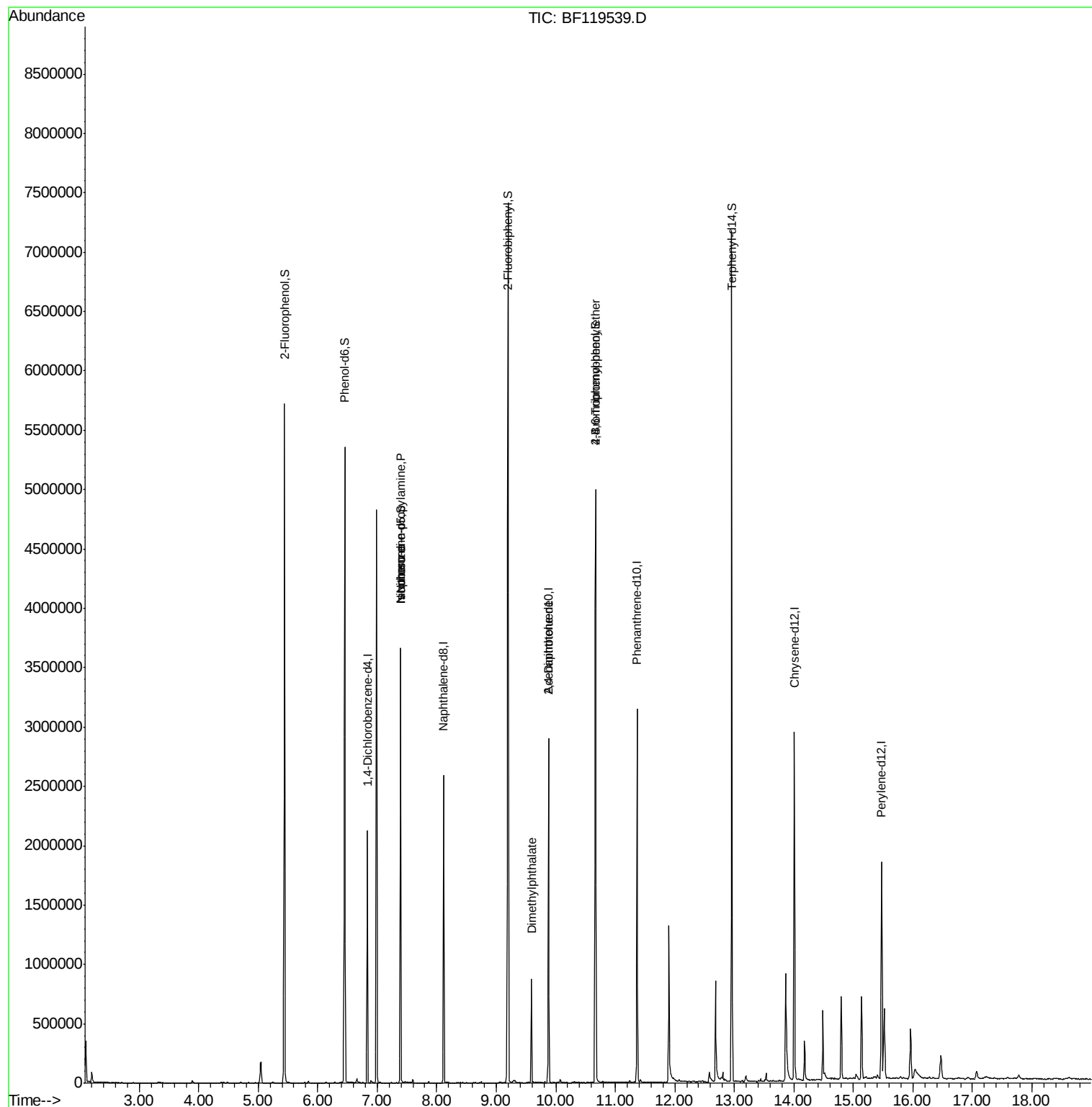
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	285204	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1088446	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	593756	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1193737	20.00	ng	0.00
76) Chrysene-d12	14.01	240	937435	20.00	ng	0.00
87) Perylene-d12	15.47	264	867563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1461170	81.56	ng	0.00
7) Phenol-d6	6.46	99	1908695	83.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	1170202	58.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	605758	98.89	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2246494	56.05	ng	0.00
79) Terphenyl-d14	12.96	244	2678254	55.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	151879	11.01	ng	# 74
25) Isophorone	7.39	82	1163882	28.65	ng	# 66
50) Dimethylphthalate	9.59	163	321555	7.62	ng	100
57) 2,4-Dinitrotoluene	9.88	165	76992	6.76	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	36677	2.70	ng	# 1

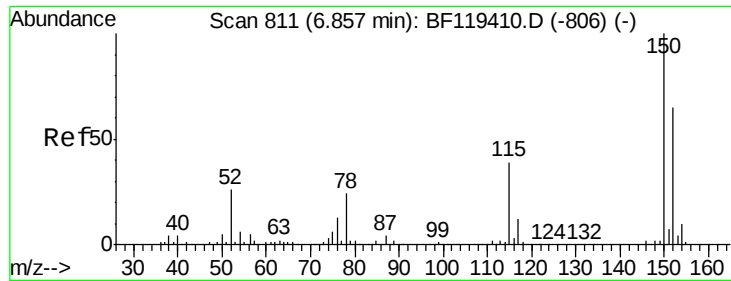
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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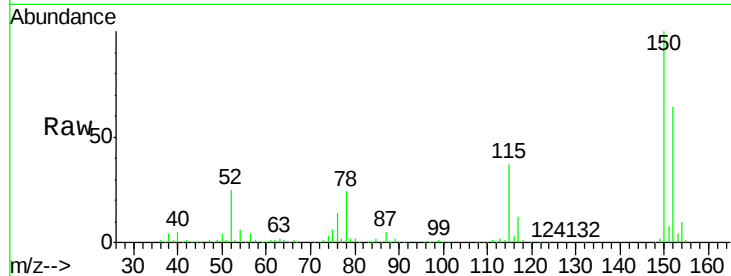


#1

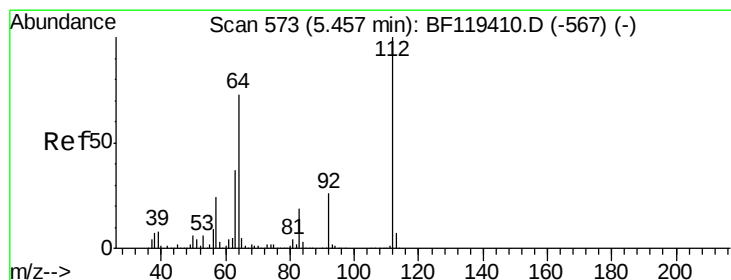
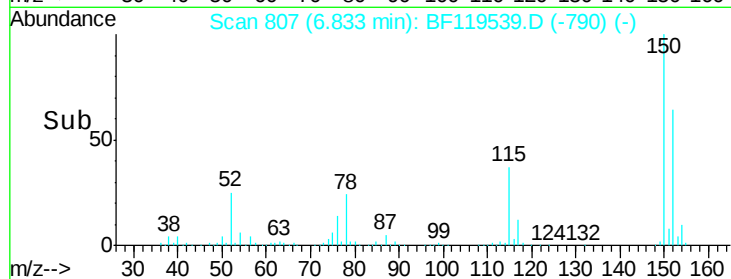
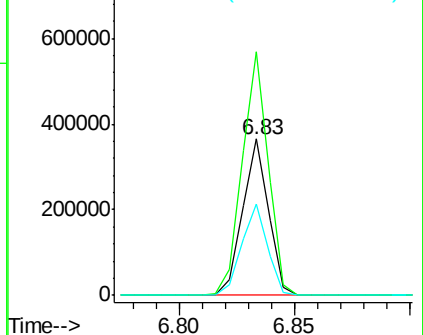
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119539.D
 Acq: 26 Mar 2020 19:44

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-29-(5.5-6)

Tgt Ion:152 Resp: 285204
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.9 185.9
 115 58.4 47.8 71.6



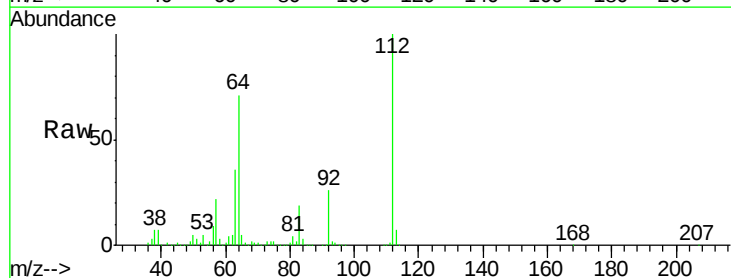
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



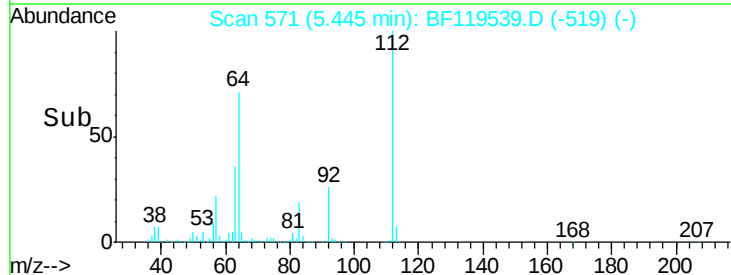
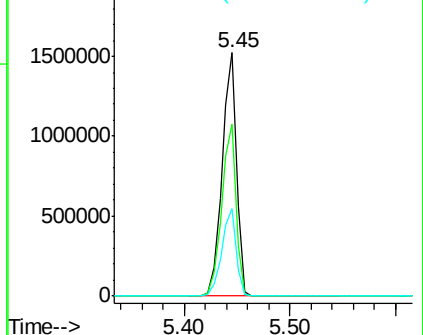
#5

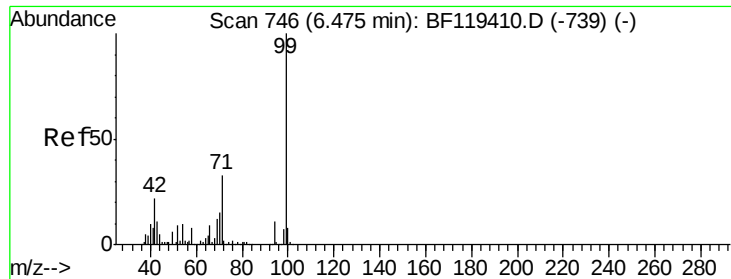
2-Fluorophenol
 Concen: 81.56 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119539.D
 Acq: 26 Mar 2020 19:44

Tgt Ion:112 Resp: 1461170
 Ion Ratio Lower Upper
 112 100
 64 70.7 58.1 87.1
 63 35.7 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: 83.40 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

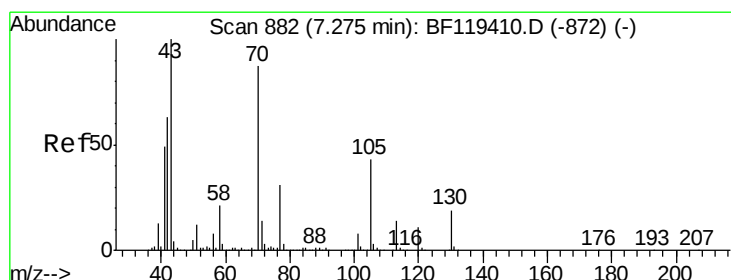
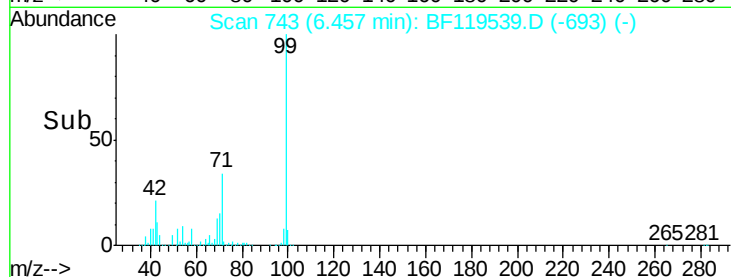
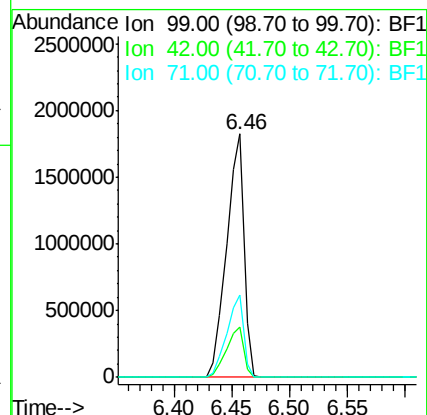
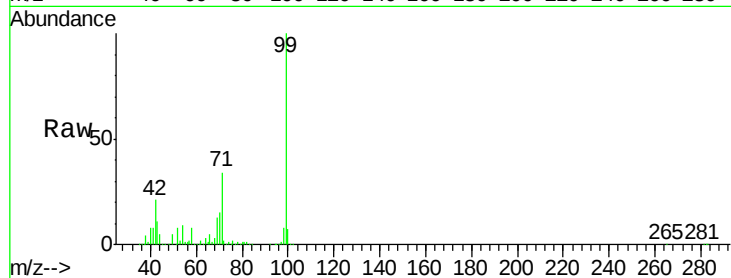
Tgt Ion: 99 Resp: 1908695

Ion Ratio Lower Upper

99 100

42 20.5 17.8 26.6

71 33.6 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.01 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

Tgt Ion: 70 Resp: 151879

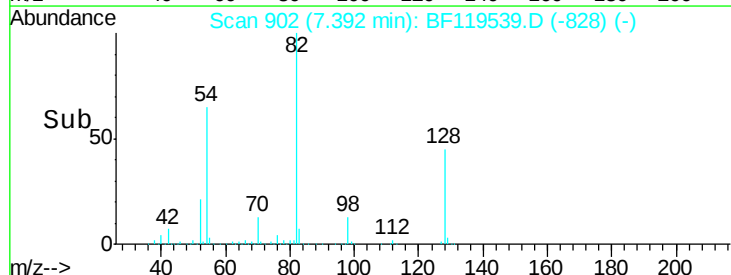
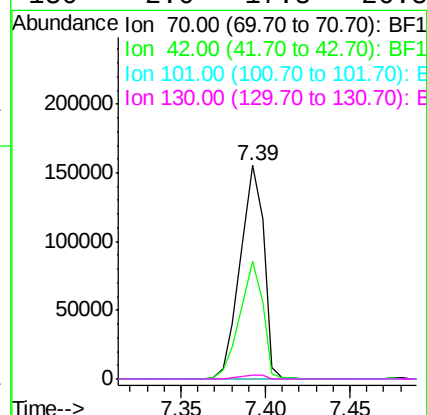
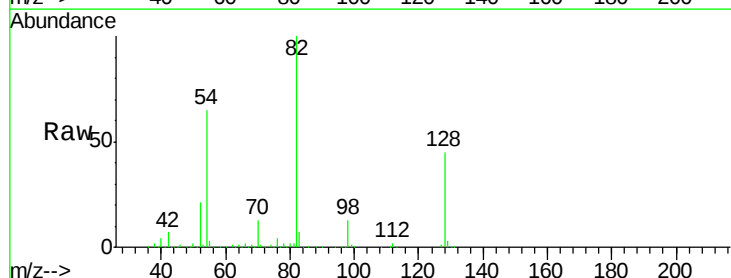
Ion Ratio Lower Upper

70 100

42 55.1 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#

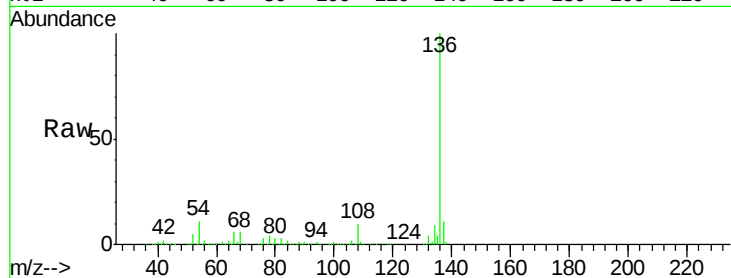




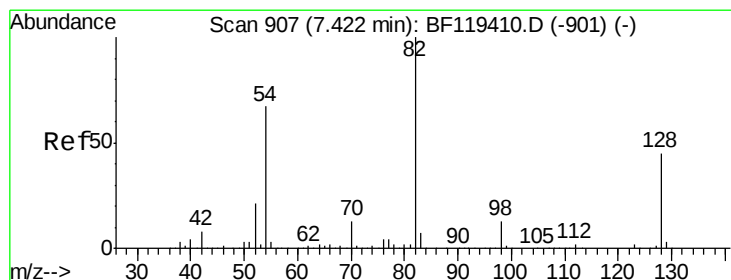
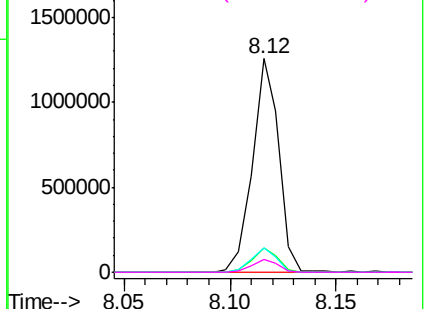
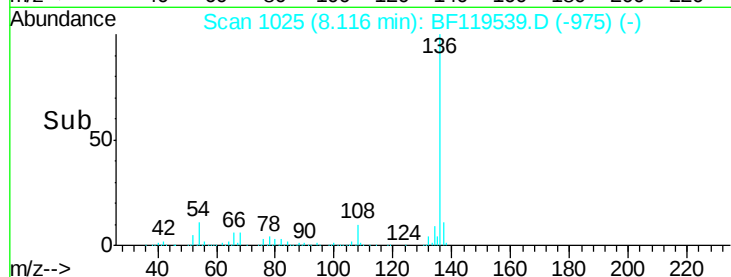
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119539.D
Acq: 26 Mar 2020 19:44

Instrument :
BNA_F
ClientSampleId :
FE-SB-29-(5.5-6)

Tgt Ion:	136	Resp:	1088446
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.3	8.3	12.5
68	5.8	4.9	7.3

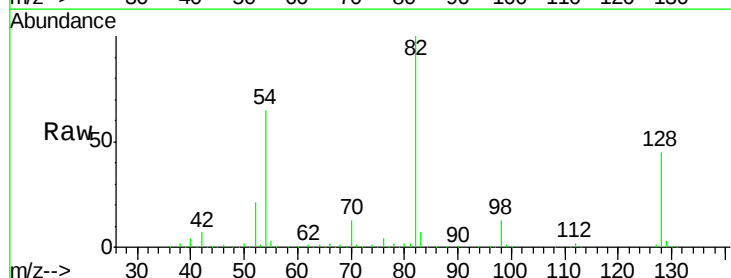


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

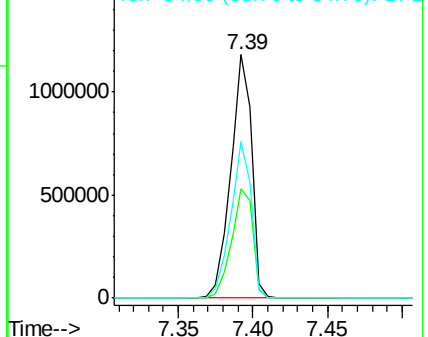
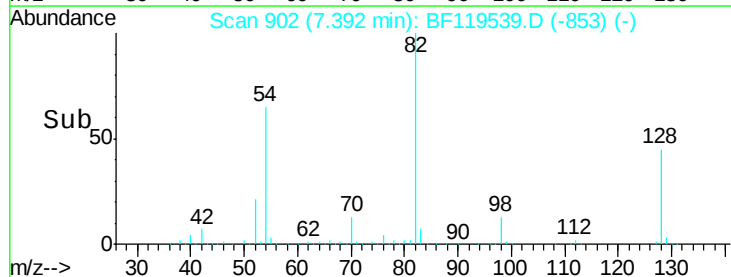


#23
Nitrobenzene-d5
Concen: 58.43 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119539.D
Acq: 26 Mar 2020 19:44

Tgt Ion:	82	Resp:	1170202
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.8
54	64.5	53.4	80.0



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: 28.65 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

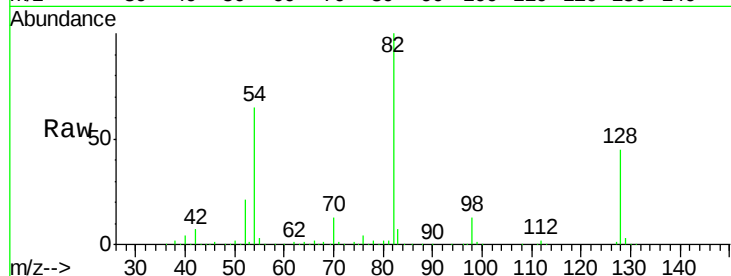
Tgt Ion: 82 Resp: 1163882

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

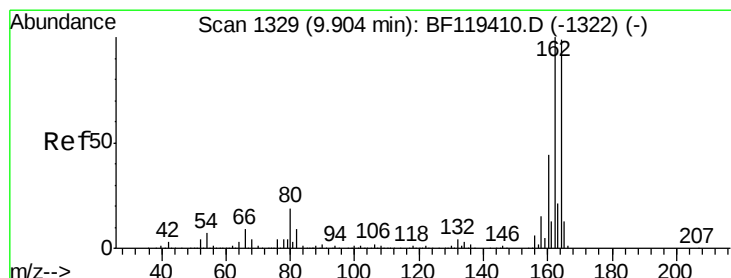
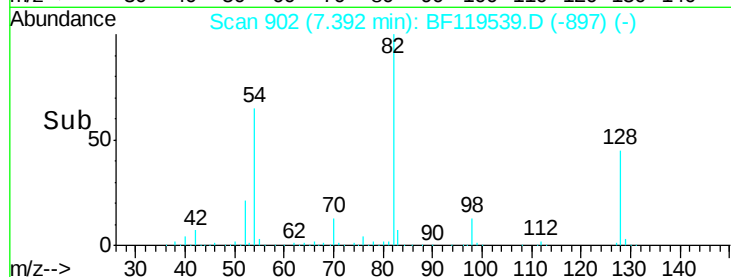
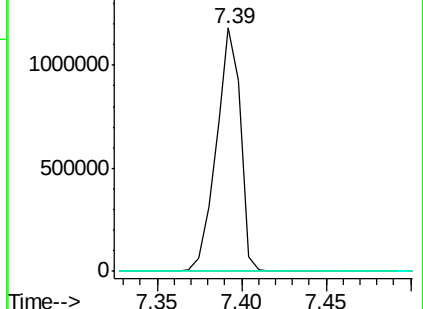
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

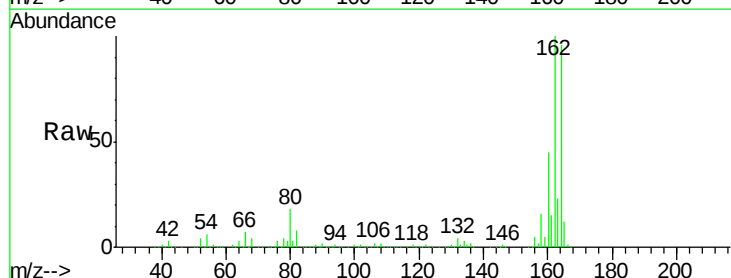
Tgt Ion: 164 Resp: 593756

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

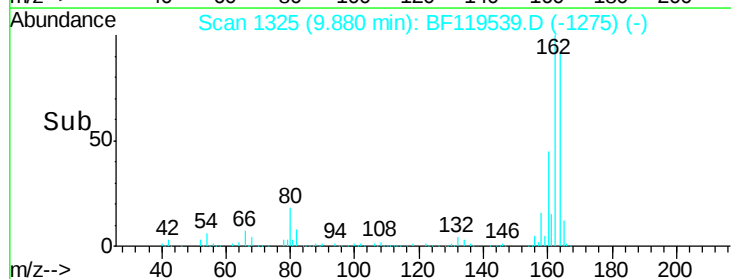
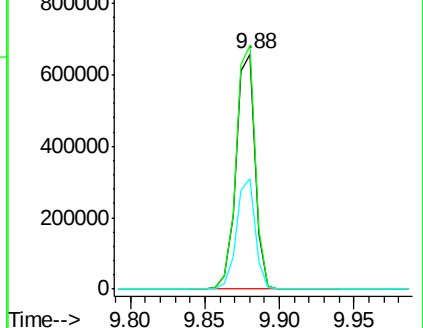
160 46.8 35.5 53.3

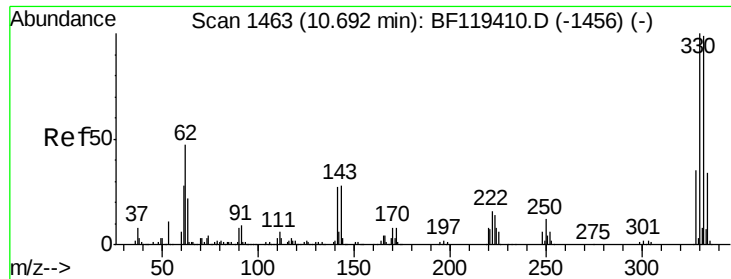


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

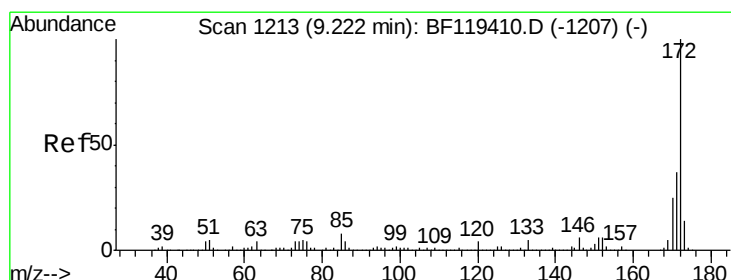
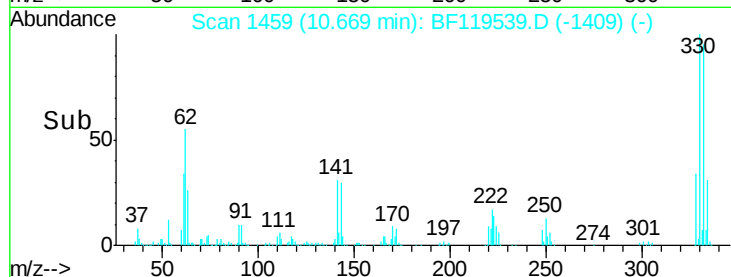
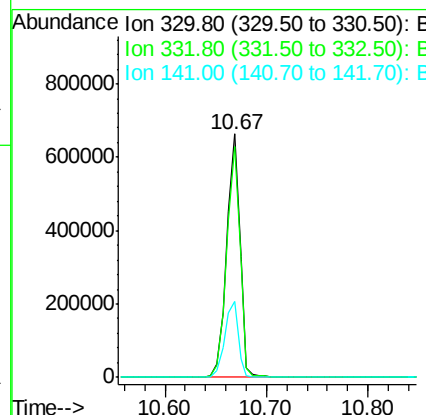
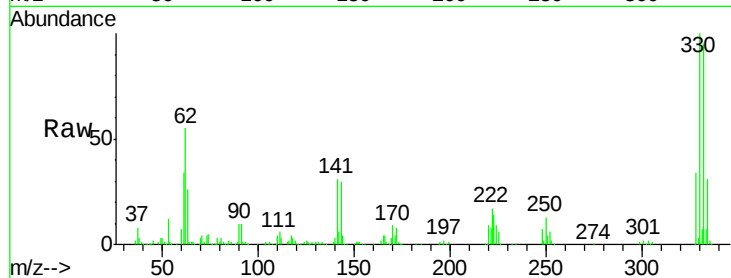




#42
 2,4,6-Tribromophenol
 Concen: 98.89 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119539.D
 Acq: 26 Mar 2020 19:44

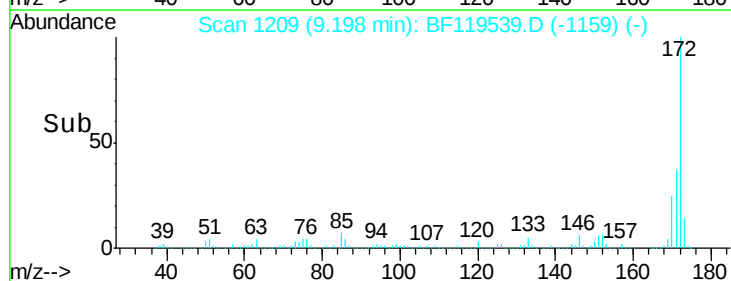
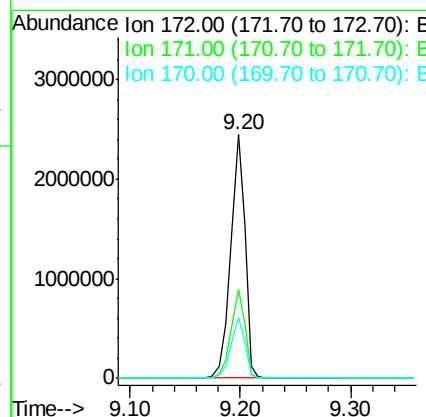
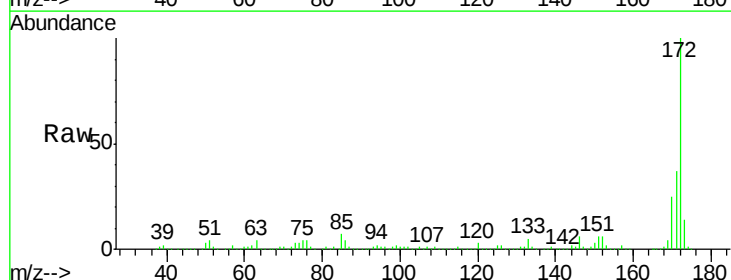
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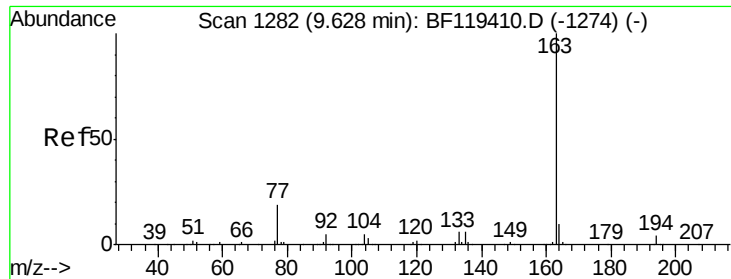
Tgt Ion:330 Resp: 605758
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.6 116.4
 141 31.9 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 56.05 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119539.D
 Acq: 26 Mar 2020 19:44

Tgt Ion:172 Resp: 2246494
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 24.7 20.1 30.1

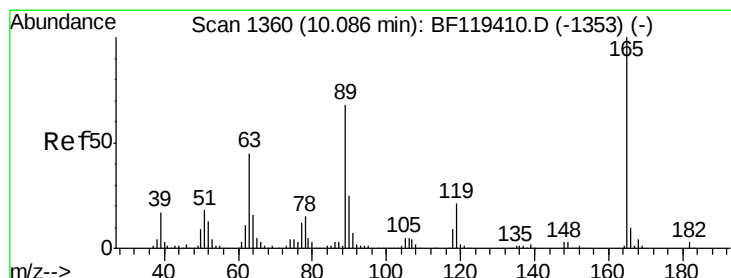
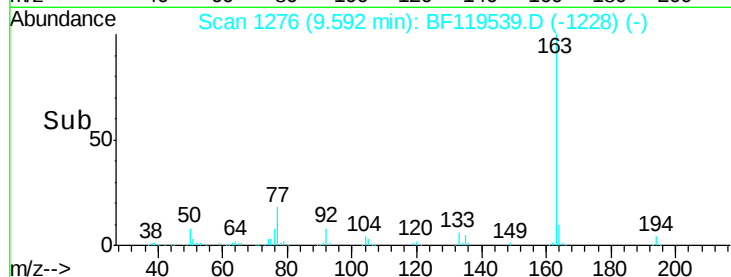
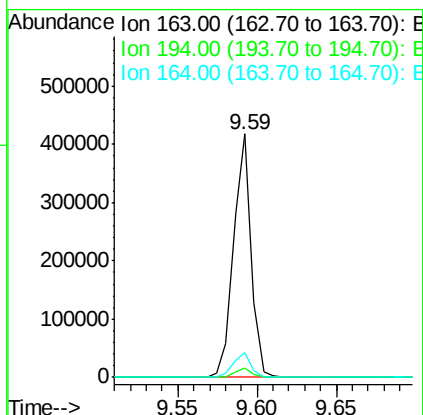
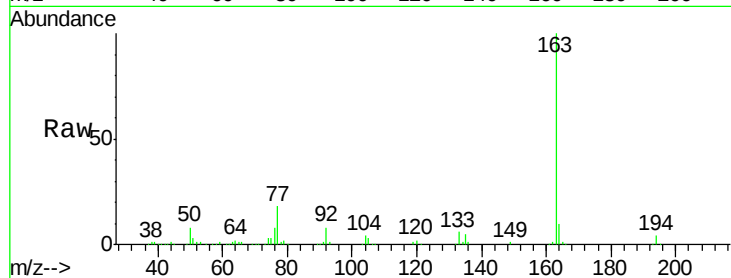




#50
Dimethylphthalate
Concen: 7.62 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119539.D
Acq: 26 Mar 2020 19:44

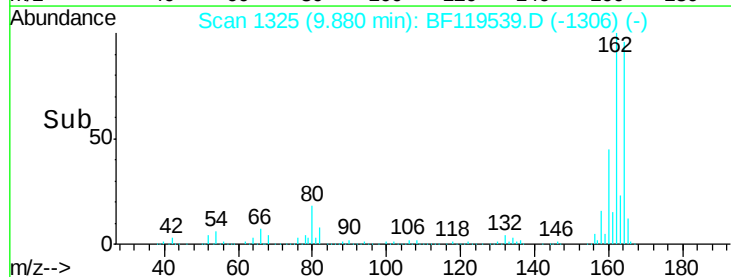
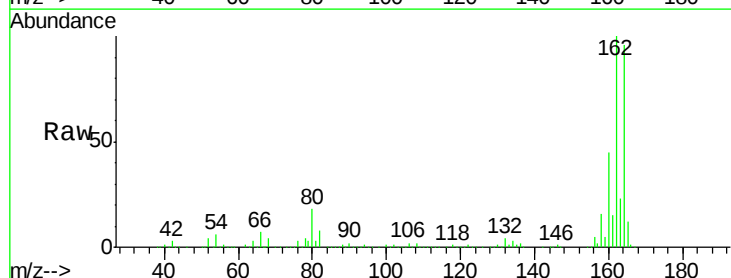
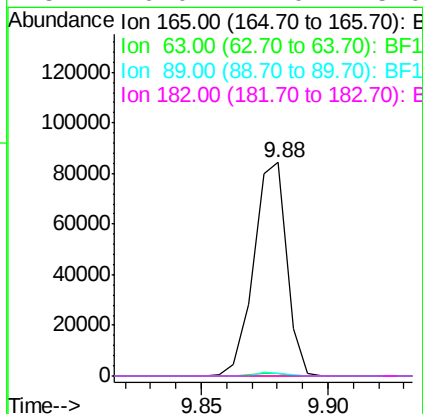
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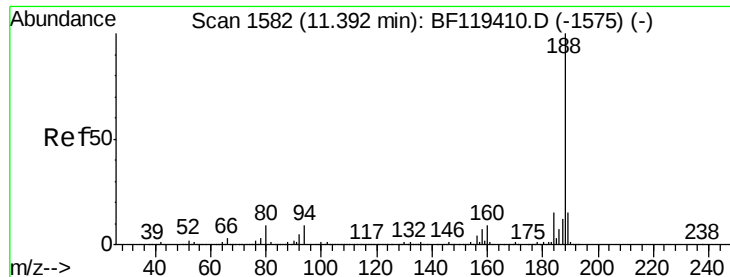
Tgt Ion:163 Resp: 321555
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF119539.D
Acq: 26 Mar 2020 19:44

Tgt Ion:165 Resp: 76992
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 1.2 54.3 81.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

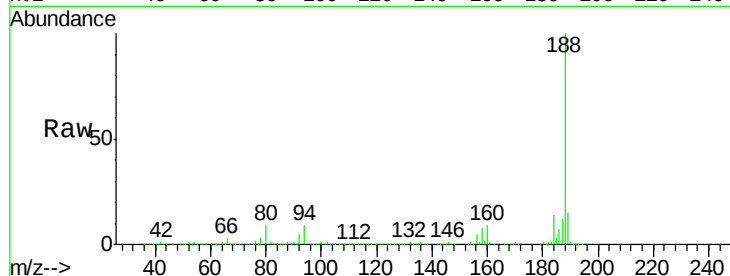
Tgt Ion:188 Resp: 1193737

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

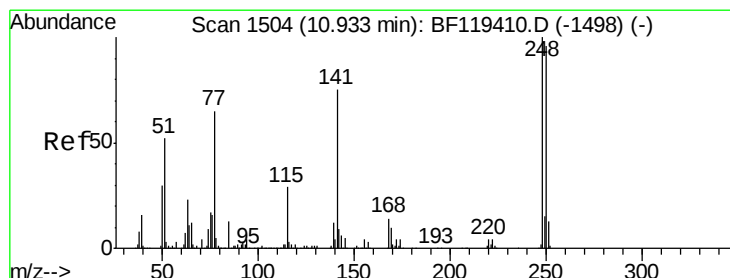
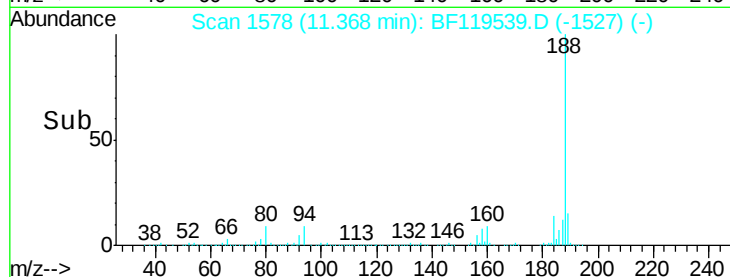
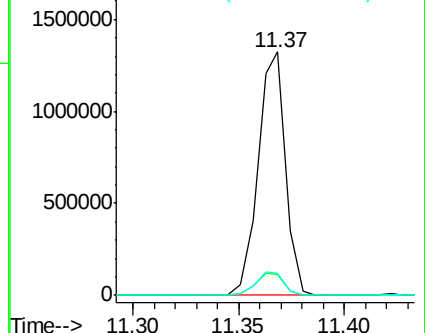
80 9.3 7.5 11.3



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: 2.70 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

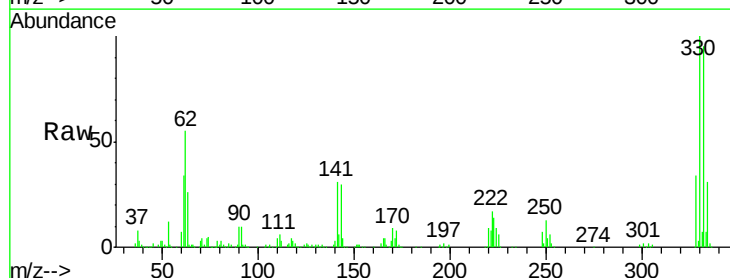
Tgt Ion:248 Resp: 36677

Ion Ratio Lower Upper

248 100

250 194.3 77.0 115.6#

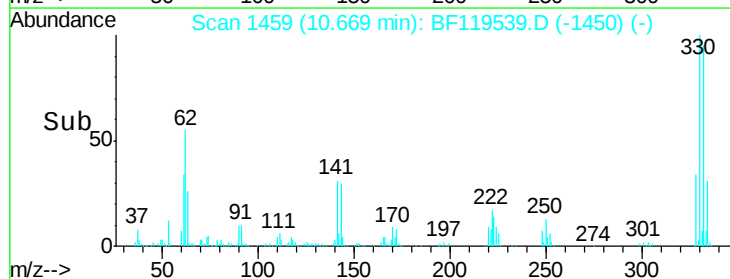
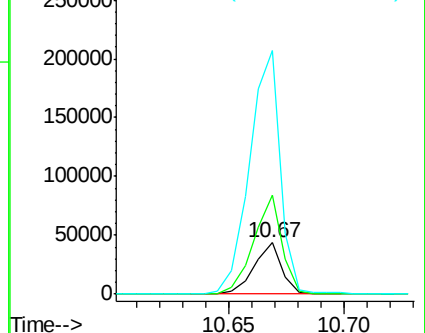
141 477.3 59.7 89.5#

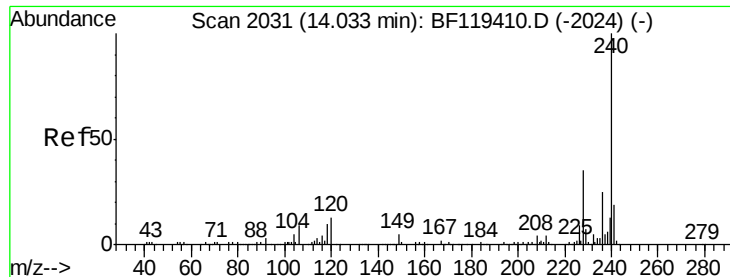


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

Instrument :

BNA_F

ClientSampleId :

FE-SB-29-(5.5-6)

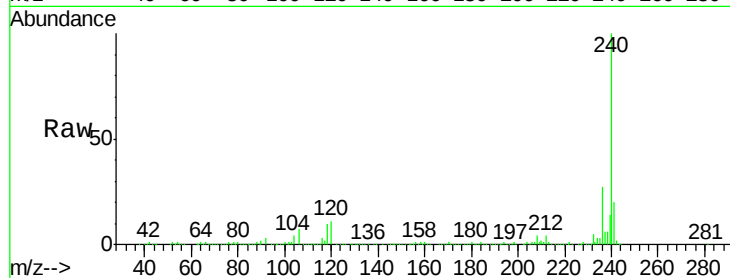
Tgt Ion:240 Resp: 937435

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

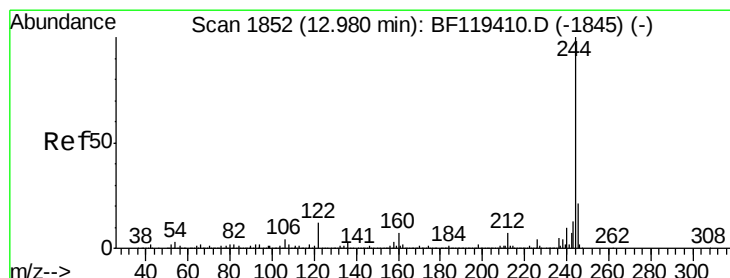
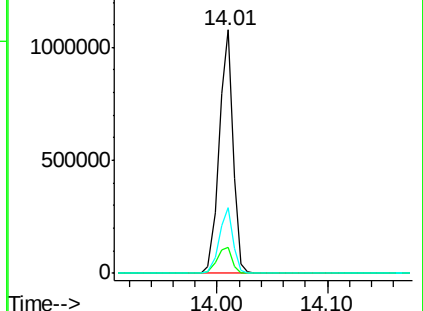
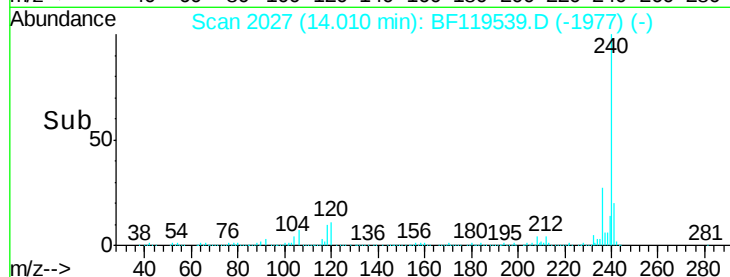
236 26.9 20.4 30.6



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: 55.97 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119539.D

Acq: 26 Mar 2020 19:44

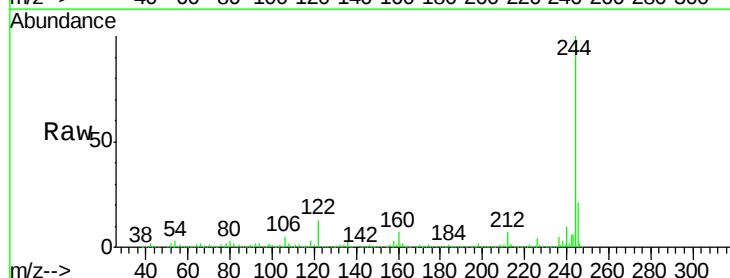
Tgt Ion:244 Resp: 2678254

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

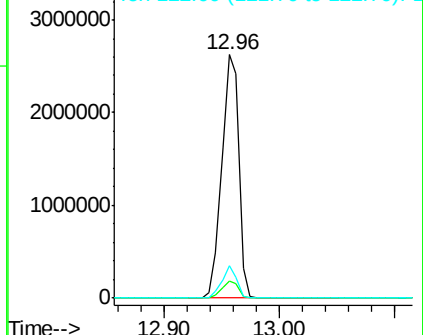
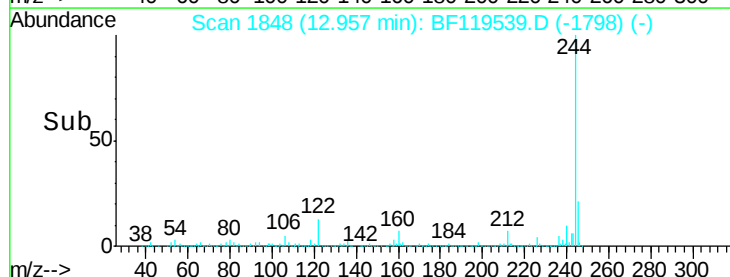
122 13.1 9.8 14.8

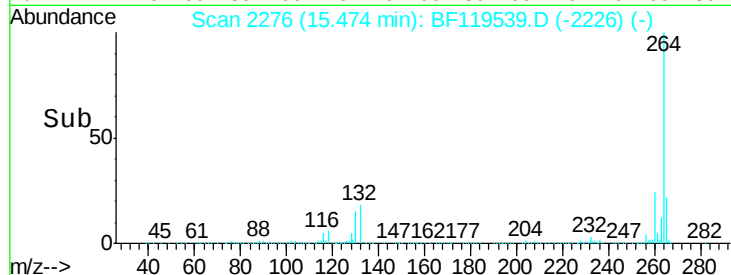
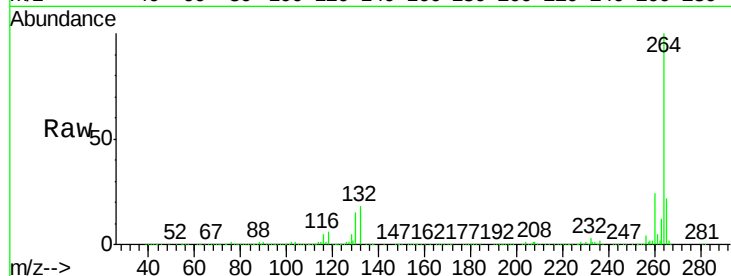
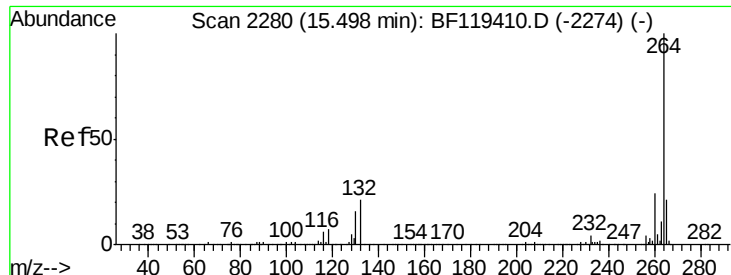


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119539.D
Acq: 26 Mar 2020 19:44

Instrument :
BNA_F
ClientSampleId :
FE-SB-29-(5.5-6)

Tgt Ion:	264	Resp:	867563
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.4	16.9	25.3

