

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119555.D
 Acq On : 27 Mar 2020 8:42
 Operator : CG/JU
 Sample : L1753-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520

Quant Time: Mar 27 10:28:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

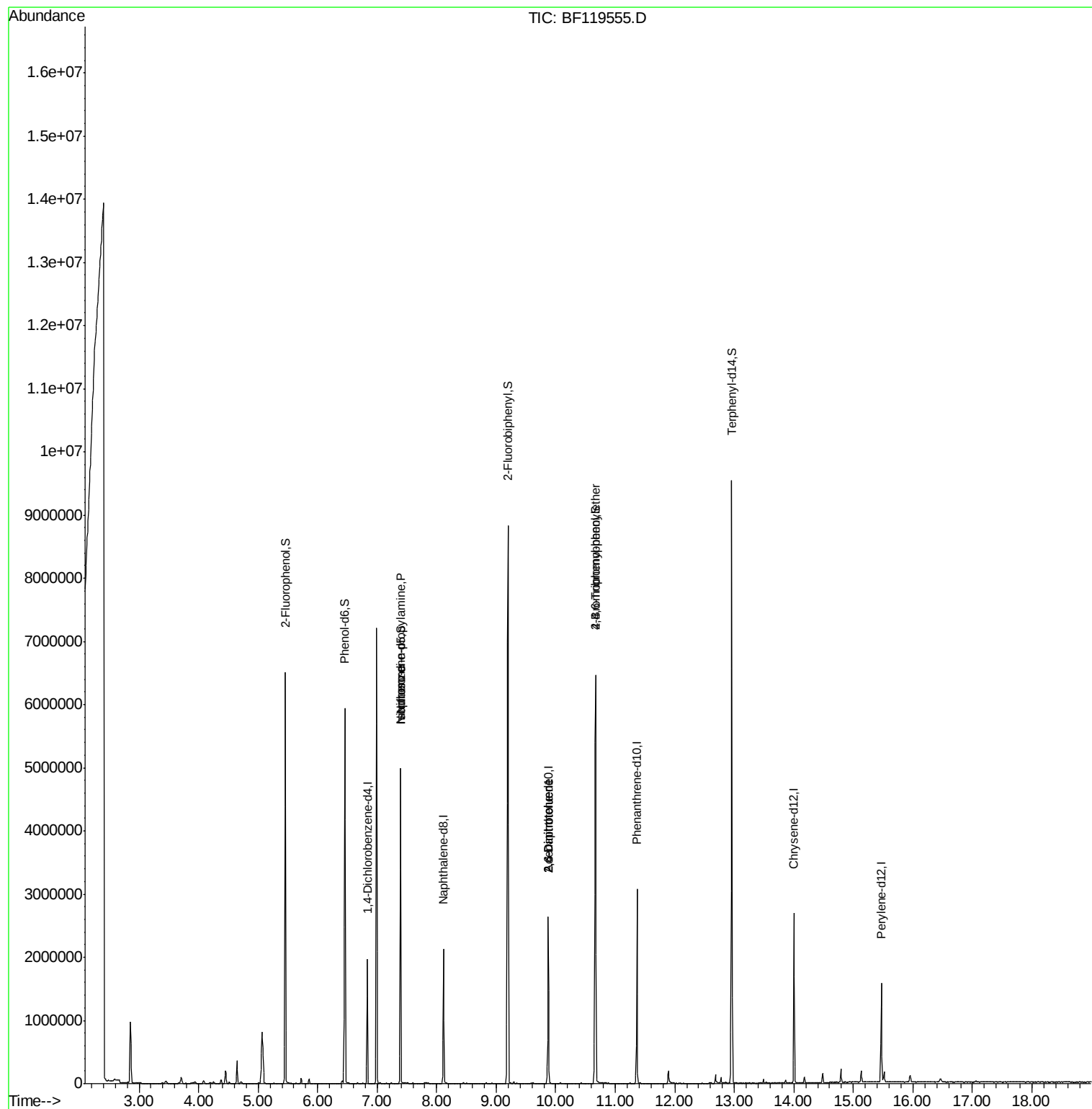
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260955	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	993199	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	546160	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1100426	20.00	ng	0.00
76) Chrysene-d12	14.00	240	854912	20.00	ng	-0.01
87) Perylene-d12	15.47	264	724829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1964694	119.85	ng	0.02
7) Phenol-d6	6.46	99	2222049	106.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	1778759	97.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	894487	158.75	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3369801	91.41	ng	0.00
79) Terphenyl-d14	12.96	244	4028504	92.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	241468	19.131	ng	# 77
25) Isophorone	7.39	82	1770059	47.748	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	70632	8.494	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	70632	6.743	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	54252	4.329	ng	# 1

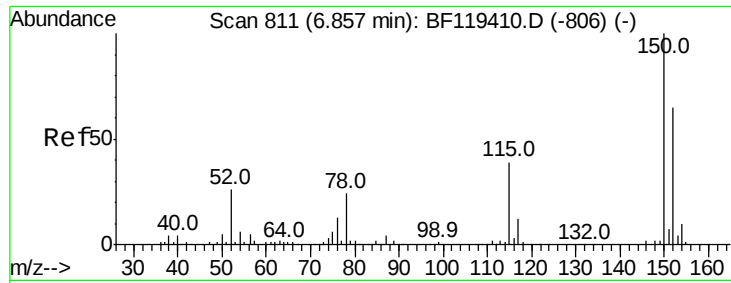
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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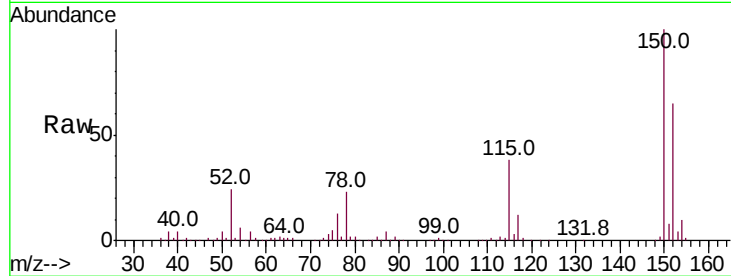


#1

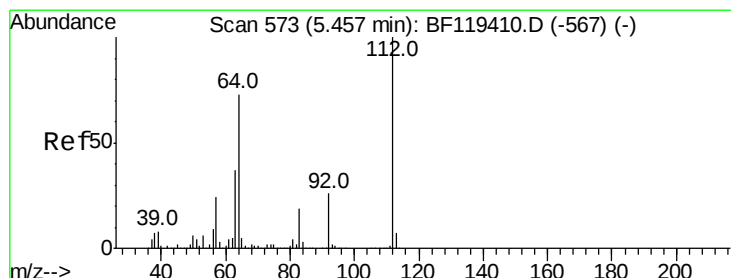
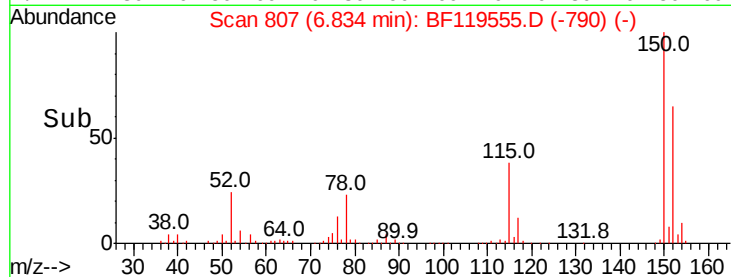
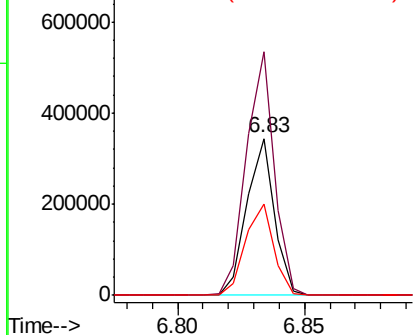
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119555.D
Acq: 27 Mar 2020 8:42

Instrument :
BNA_F
ClientSampleId :
CL-02-032520

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.5	186.7
115	58.1	49.6	74.4



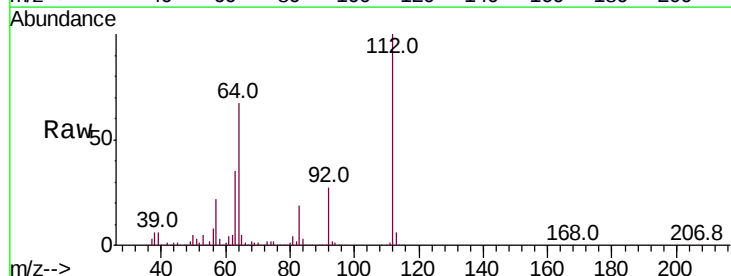
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



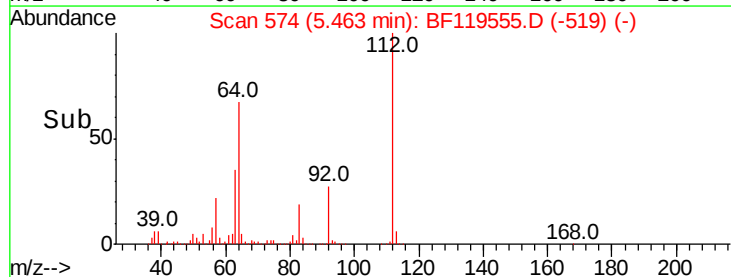
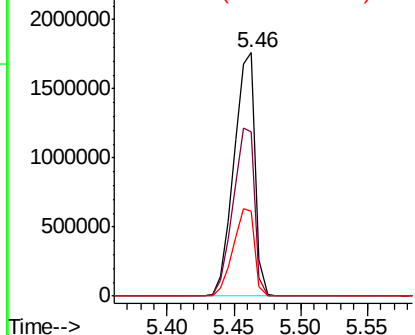
#5

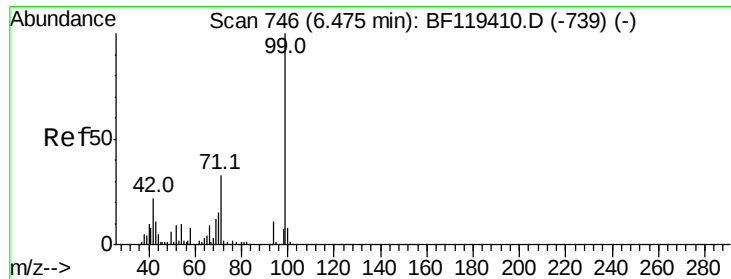
2-Fluorophenol
Concen: 119.852 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119555.D
Acq: 27 Mar 2020 8:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.7	85.1
63	34.9	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: 106.113 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

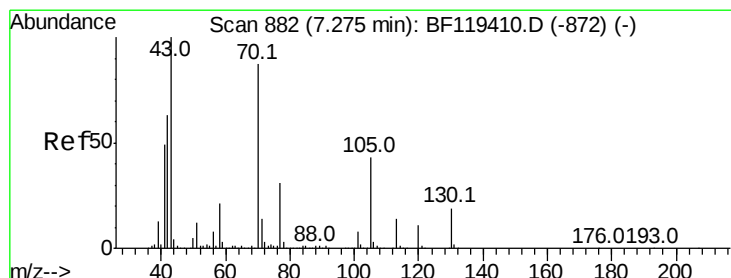
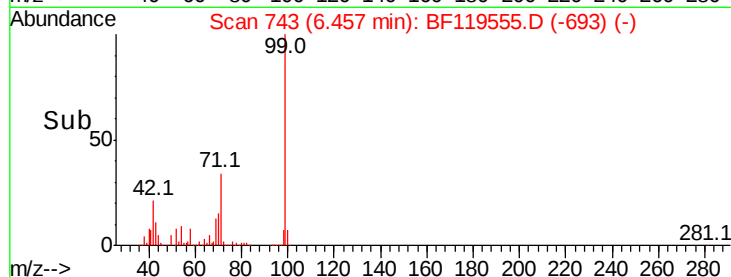
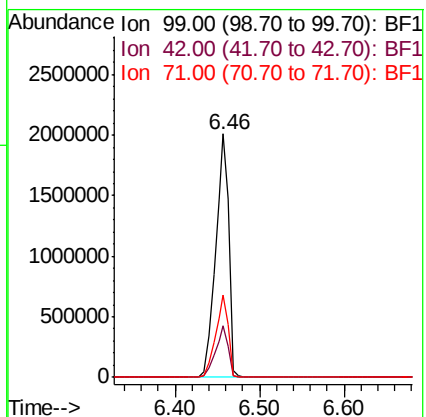
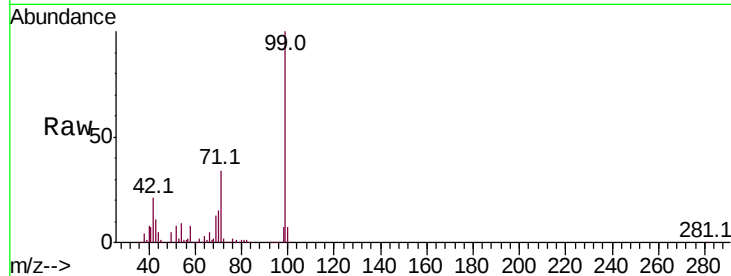
Tot Ion: 99 Resp: 2222049

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 33.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.131 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Tgt Ion: 70 Resp: 241468

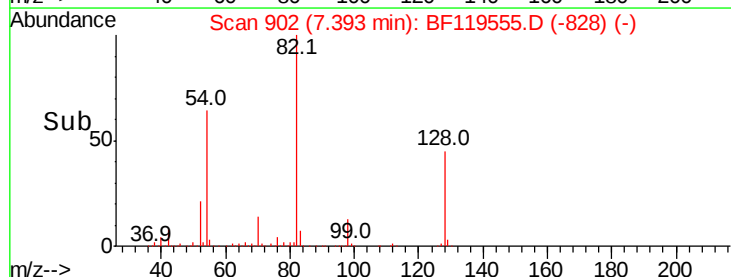
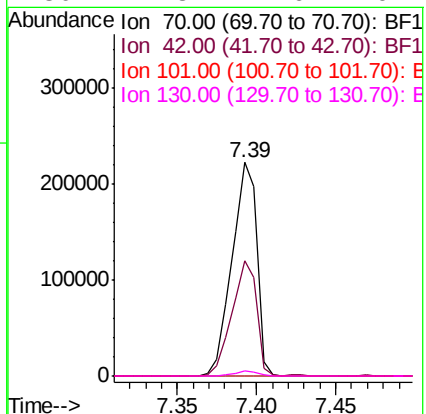
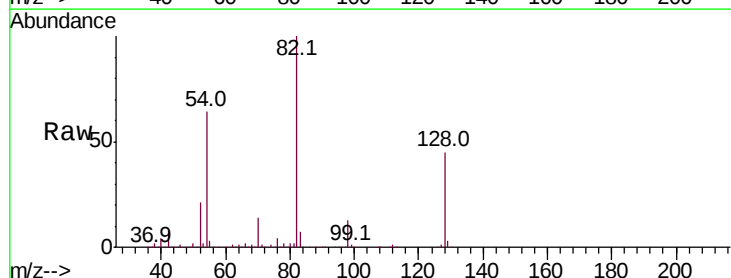
Ion Ratio Lower Upper

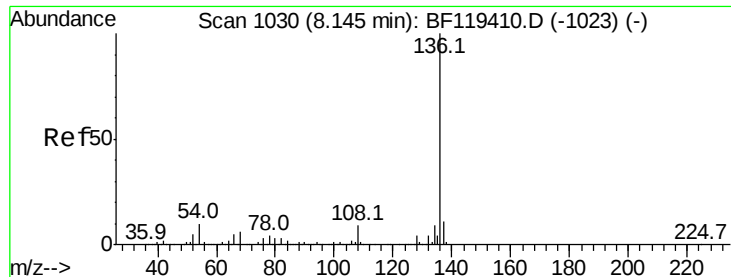
70 100

42 54.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

Tot Ion:136 Resp: 993199

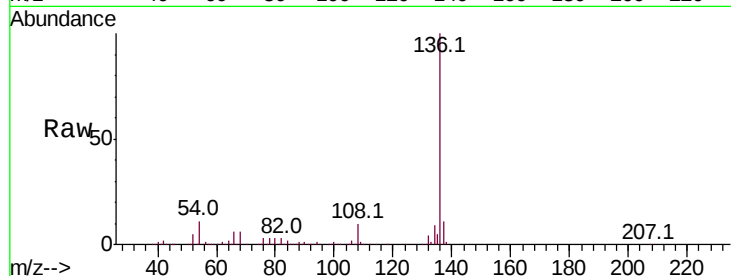
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 9.1 13.7

68 5.6 4.6 6.8

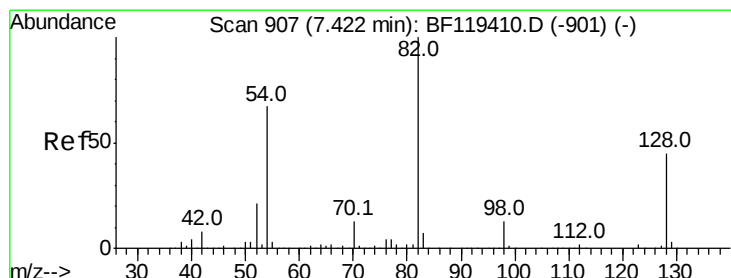
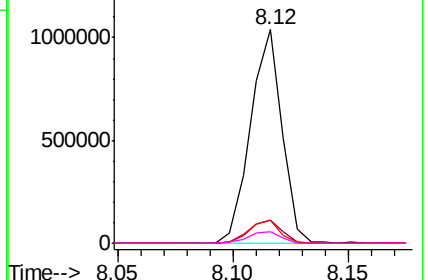
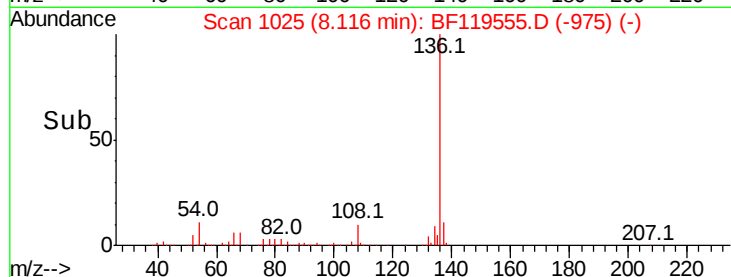


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.334 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

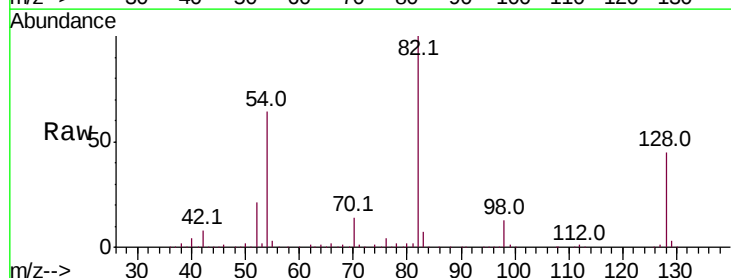
Tgt Ion: 82 Resp: 1778759

Ion Ratio Lower Upper

82 100

128 45.1 36.3 54.5

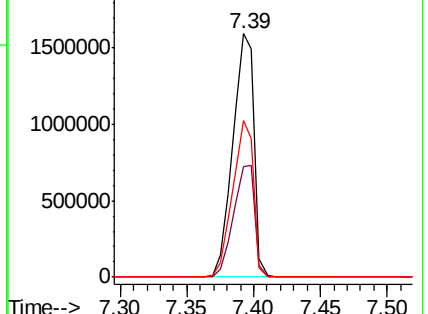
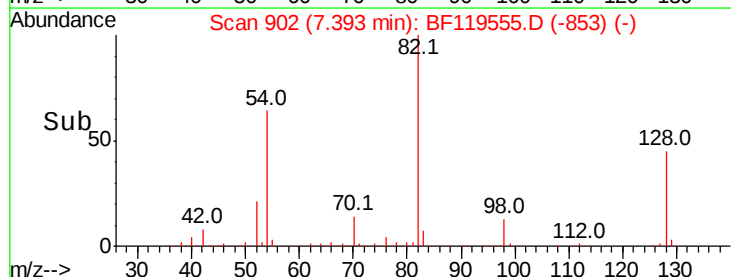
54 64.5 50.6 75.8

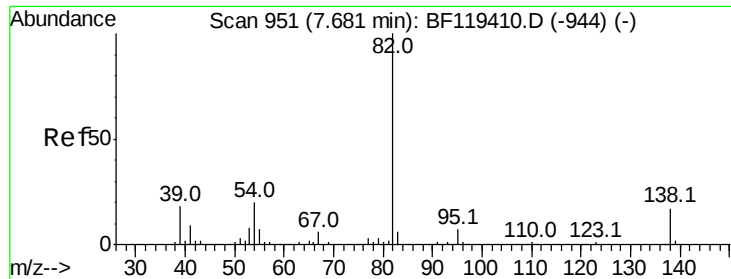


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.748 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

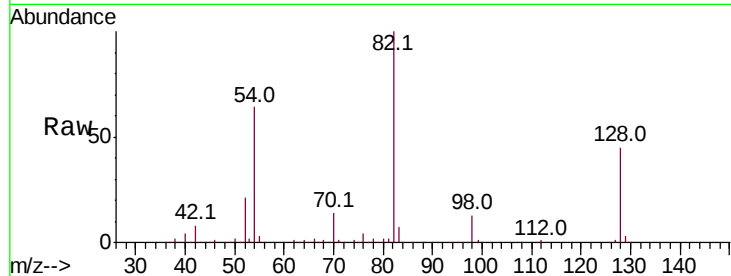
Tot Ion: 82 Resp: 1770059

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

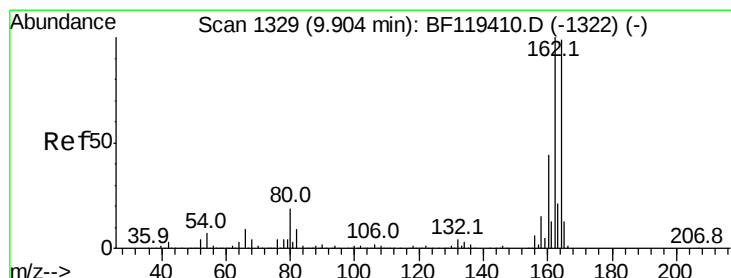
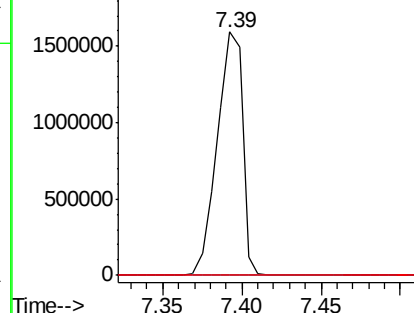
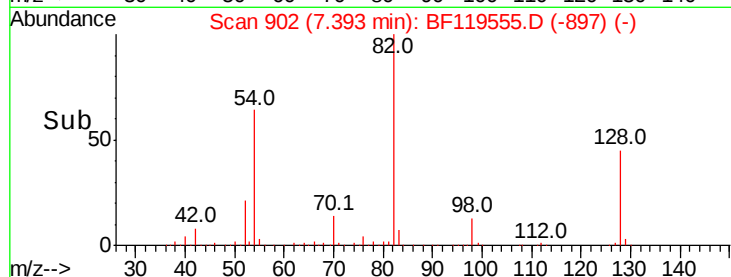
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

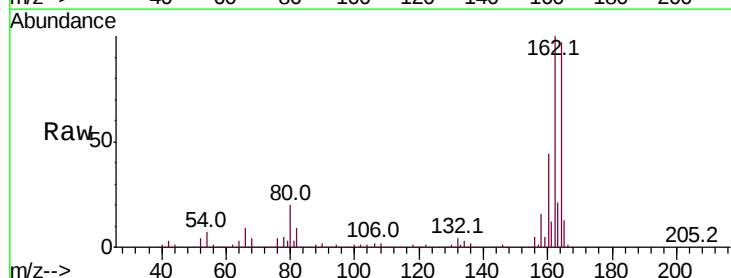
Tgt Ion:164 Resp: 546160

Ion Ratio Lower Upper

164 100

162 102.8 80.6 121.0

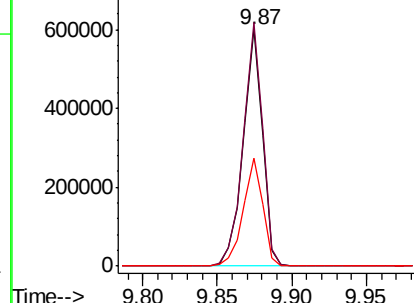
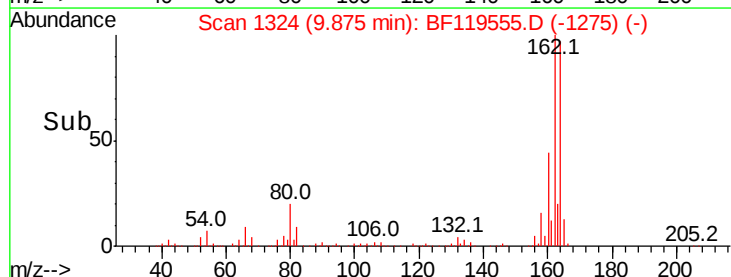
160 45.7 35.7 53.5

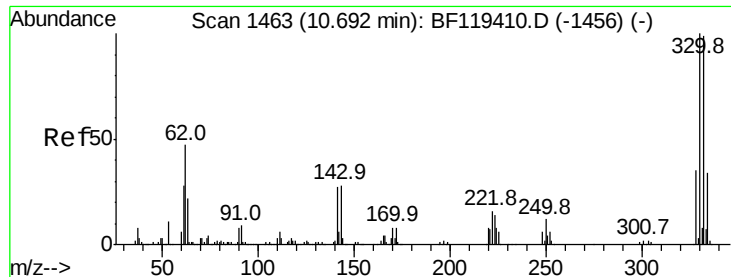


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 158.751 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

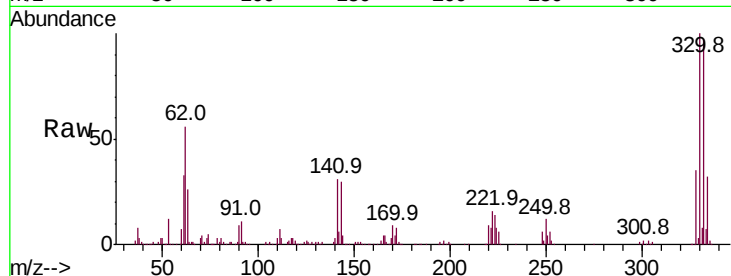
Tot Ion:330 Resp: 894487

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

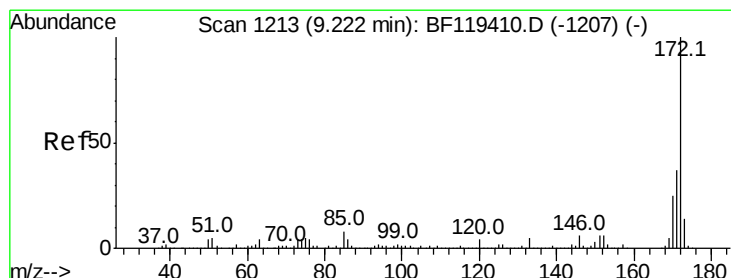
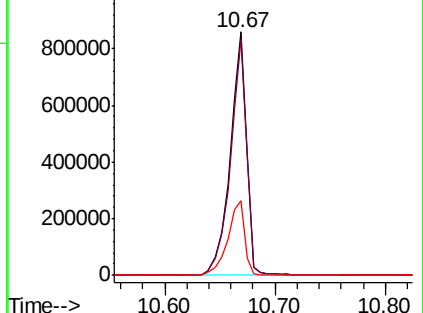
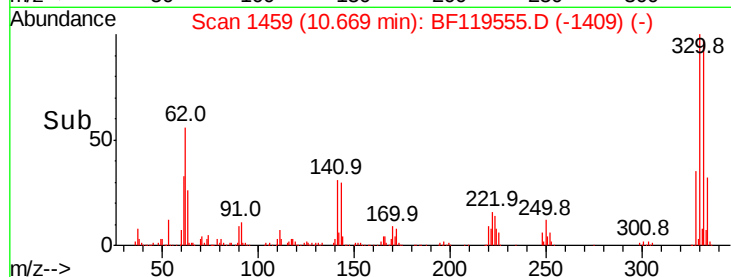
141 31.7 25.4 38.0



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: 91.407 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

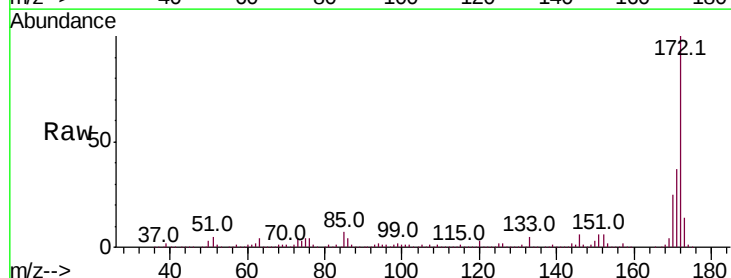
Tgt Ion:172 Resp: 3369801

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

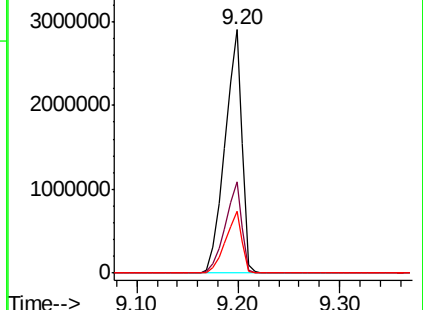
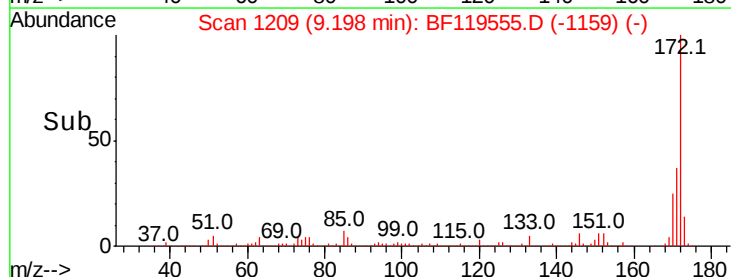
170 25.2 20.2 30.2

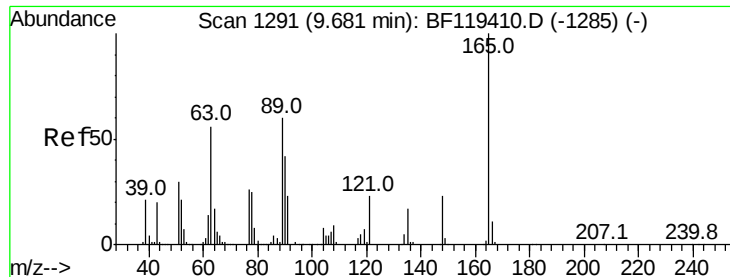


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

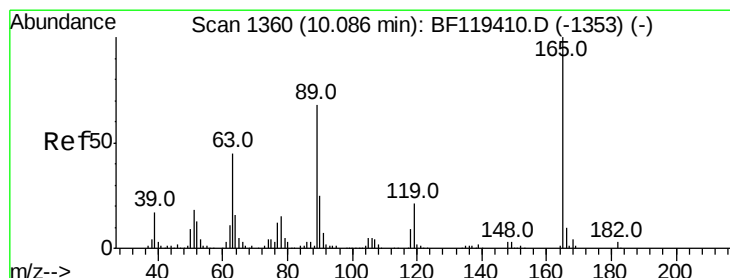
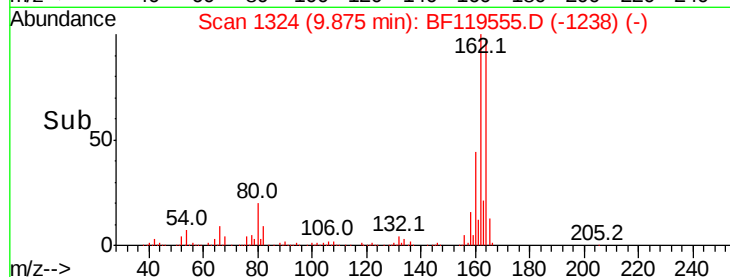
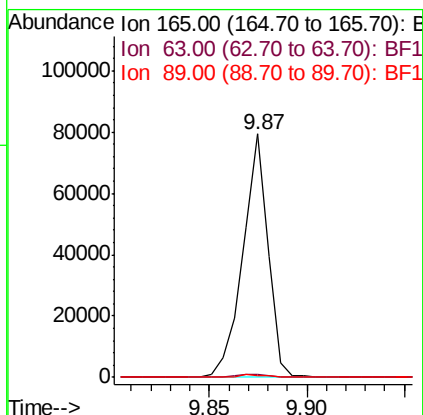
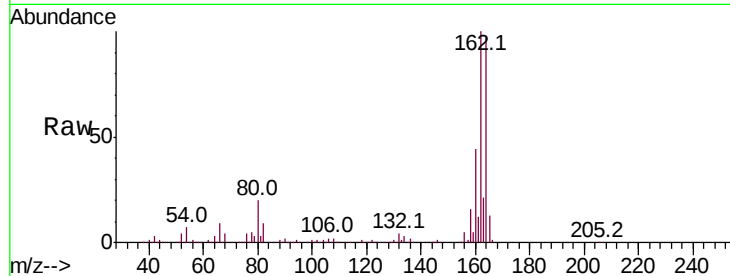




#51
 2,6-Dinitrotoluene
 Concen: 8.494 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119555.D
 Acq: 27 Mar 2020 8:42

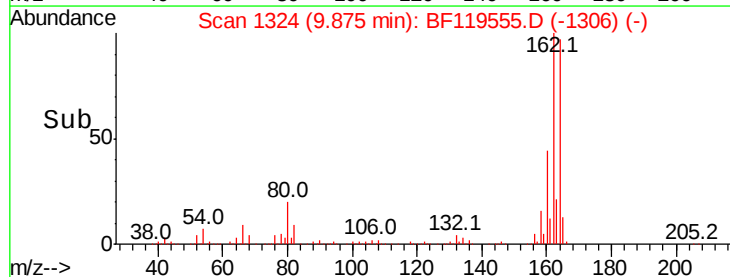
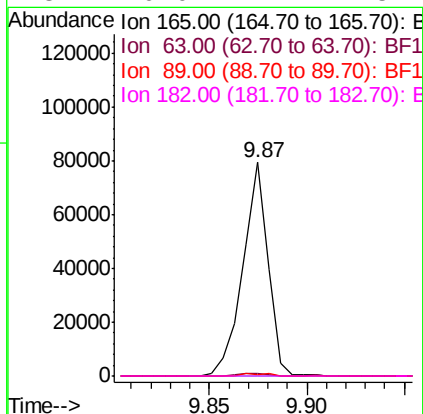
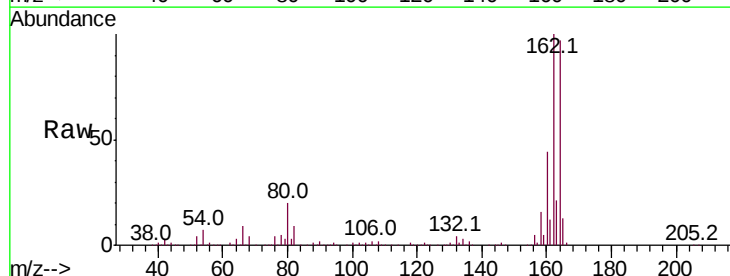
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032520

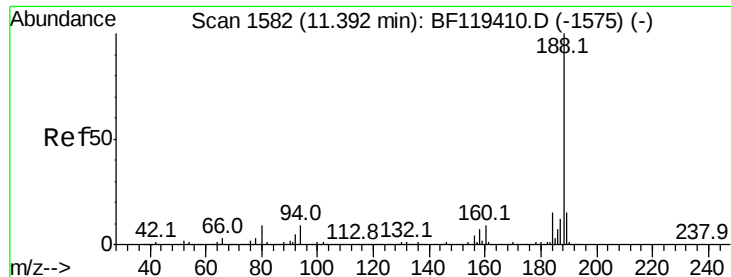
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	0.8	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.743 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119555.D
 Acq: 27 Mar 2020 8:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.8	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

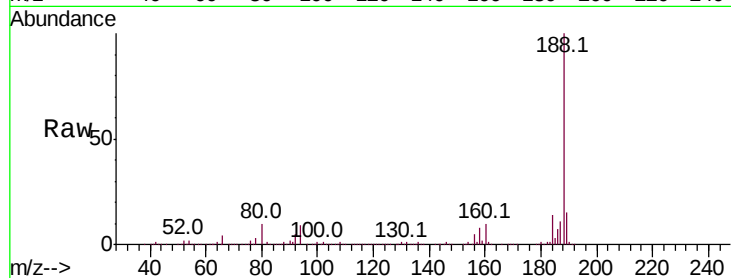
Tot Ion:188 Resp: 1100426

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

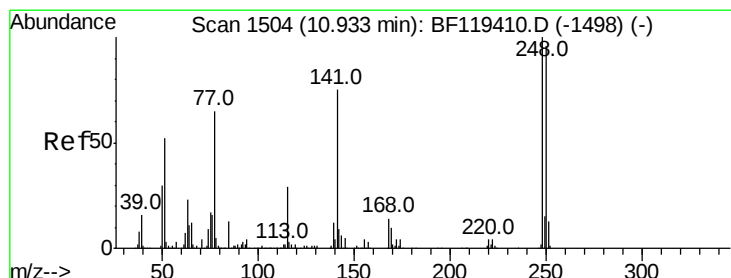
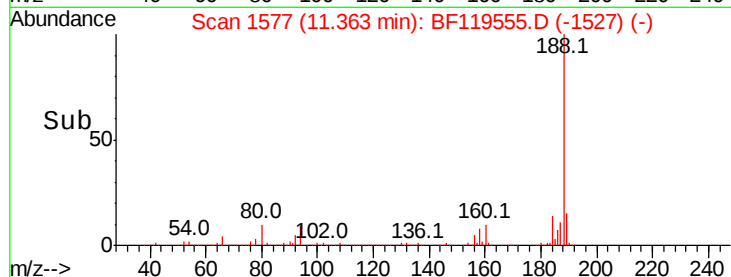
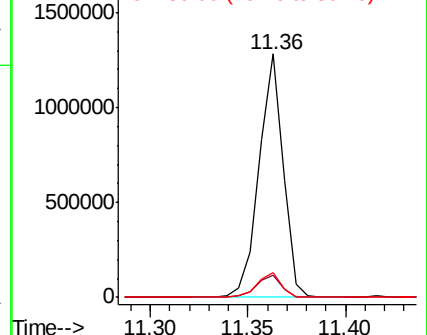
80 10.0 9.0 13.4



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: 4.329 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

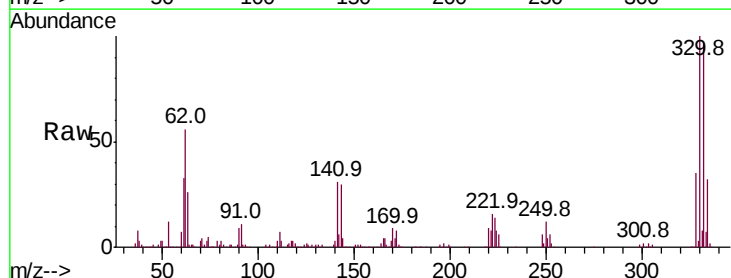
Tgt Ion:248 Resp: 54252

Ion Ratio Lower Upper

248 100

250 188.1 77.3 115.9#

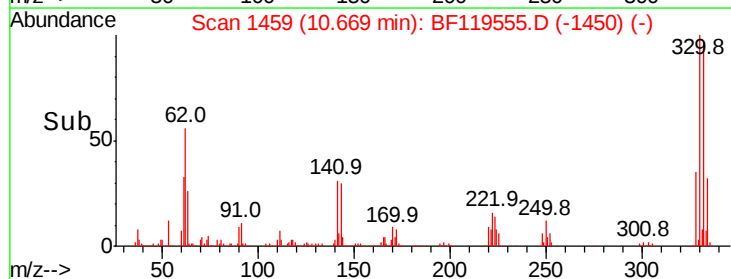
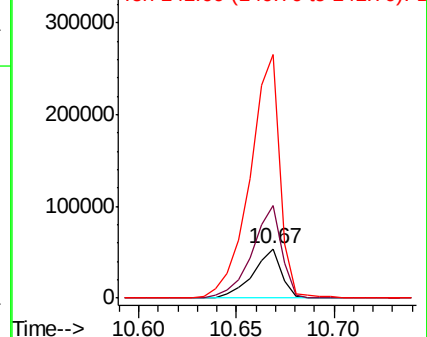
141 493.4 58.6 87.8#

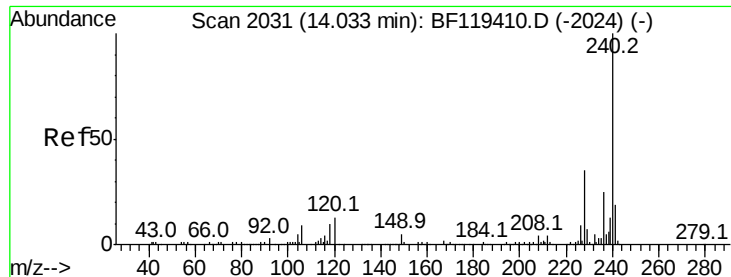


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

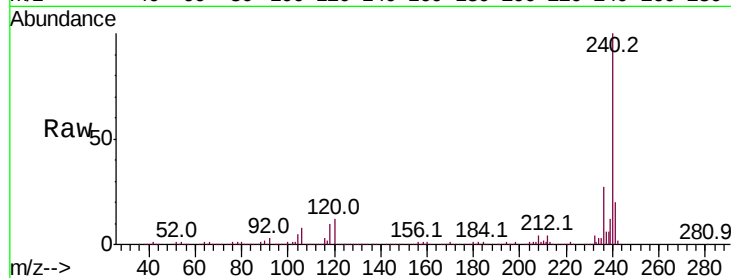
Tot Ion:240 Resp: 854912

Ion Ratio Lower Upper

240 100

120 12.0 10.6 15.8

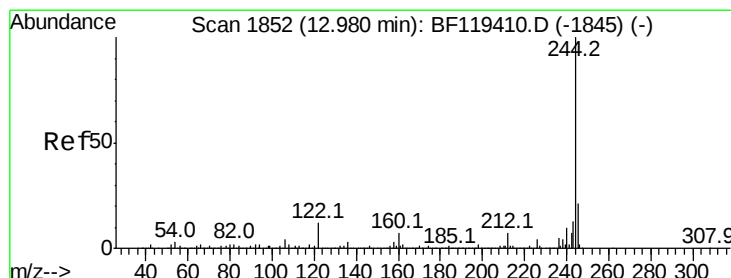
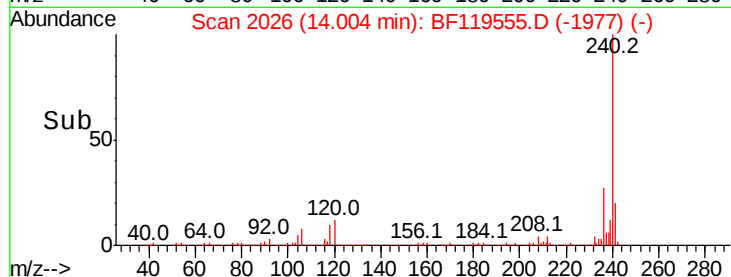
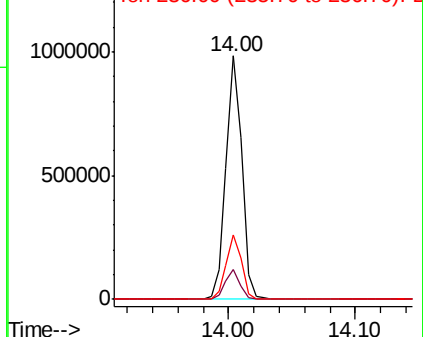
236 26.7 20.2 30.2



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: 92.322 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

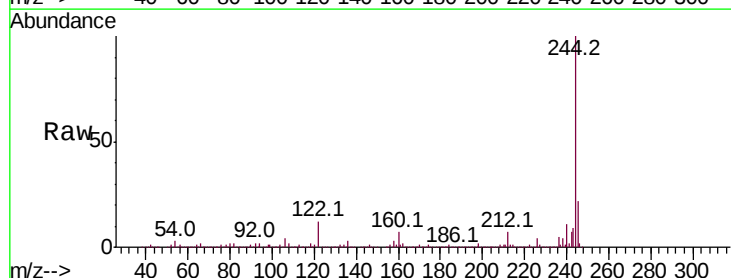
Tgt Ion:244 Resp: 4028504

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

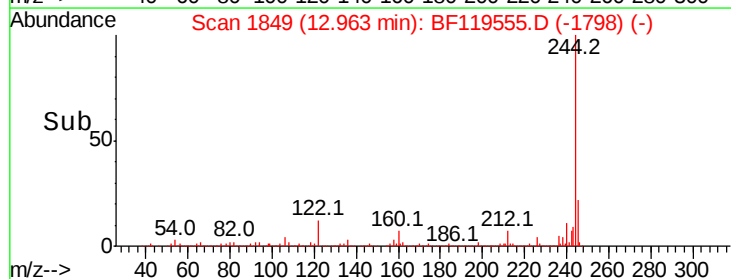
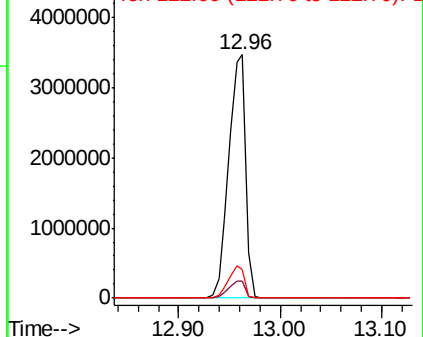
122 11.7 10.3 15.5

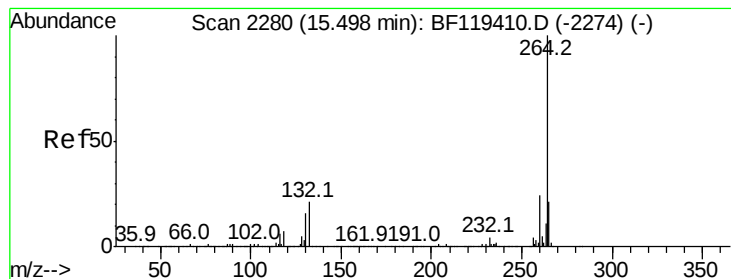


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119555.D

Acq: 27 Mar 2020 8:42

Instrument :

BNA_F

ClientSampleId :

CL-02-032520

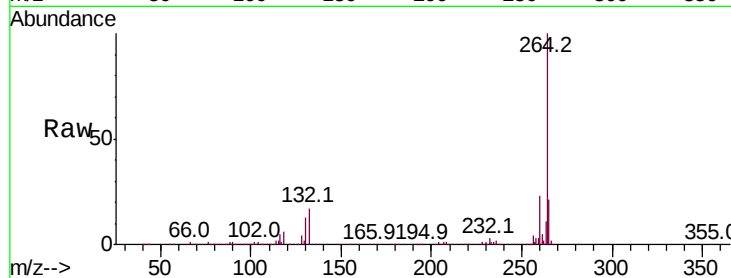
Tot Ion: 264 Resp: 724829

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.7 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

