

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119478.D
 Acq On : 20 Mar 2020 18:12
 Operator : CG/JU
 Sample : L1762-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031920

Quant Time: Mar 20 22:53:24 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 18 15:11:18 2020
 Response via : Initial Calibration

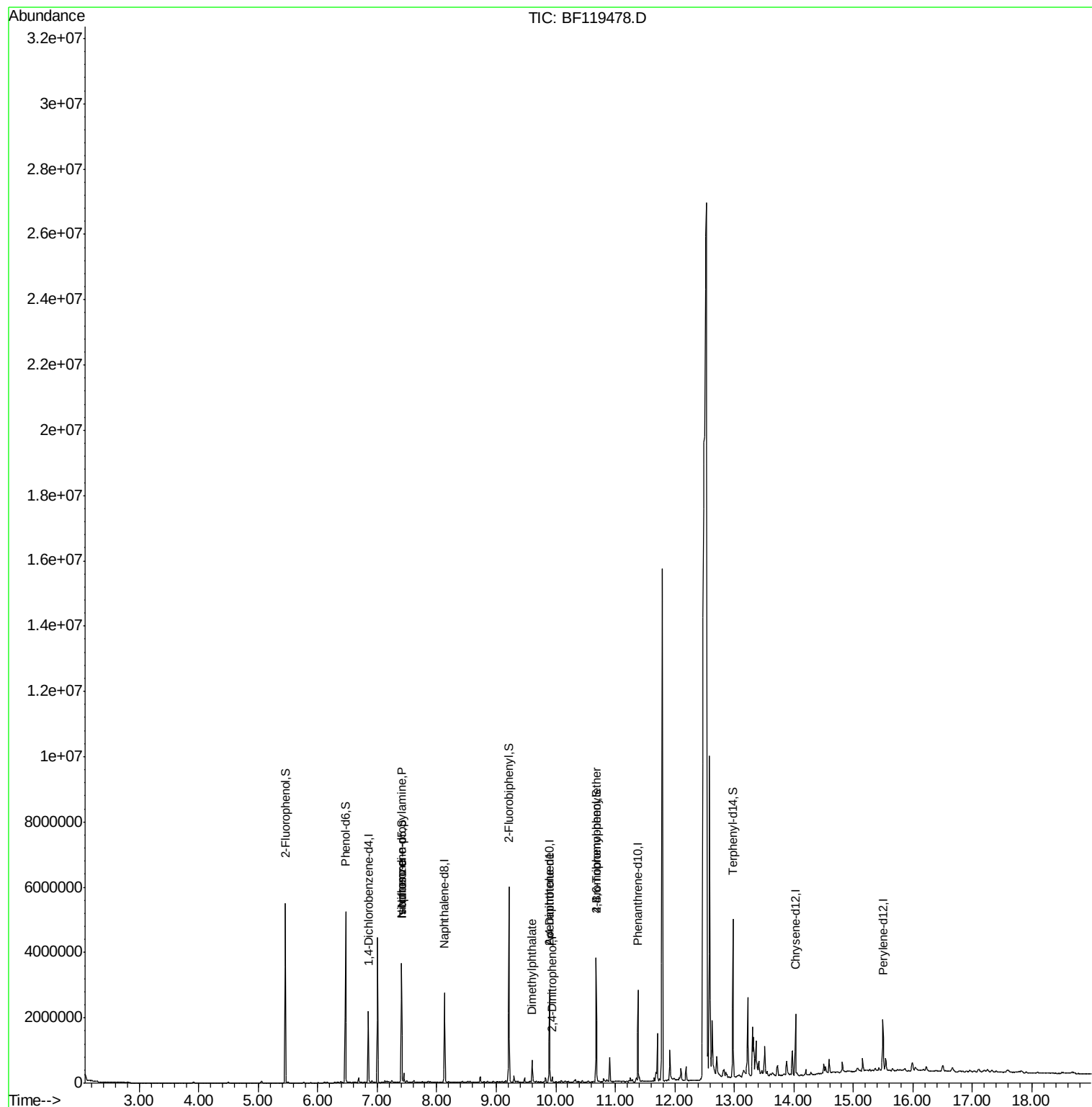
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	300955	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1112385	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	559209	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	991466	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	654242	20.00	ng	0.00
87) Perylene-d12	15.50	264	713158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1323801	70.02	ng	0.00
7) Phenol-d6	6.47	99	1665356	68.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1026786	50.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	412577	71.51	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1873451	49.63	ng	0.00
79) Terphenyl-d14	12.97	244	1759945	52.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	136409	9.37	ng	# 72
25) Isophorone	7.41	82	1022466	24.63	ng	# 66
50) Dimethylphthalate	9.60	163	234049	5.89	ng	100
54) 2,4-Dinitrophenol	9.94	184	130	7.31	ng	# 15
57) 2,4-Dinitrotoluene	9.89	165	74009	6.90	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	25432	2.25	ng	# 1

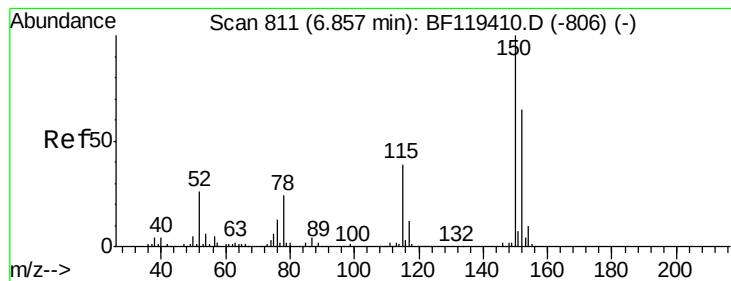
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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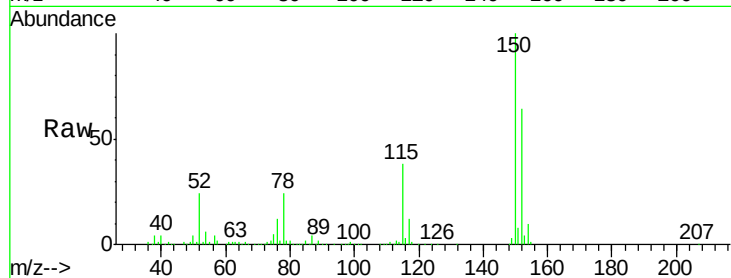




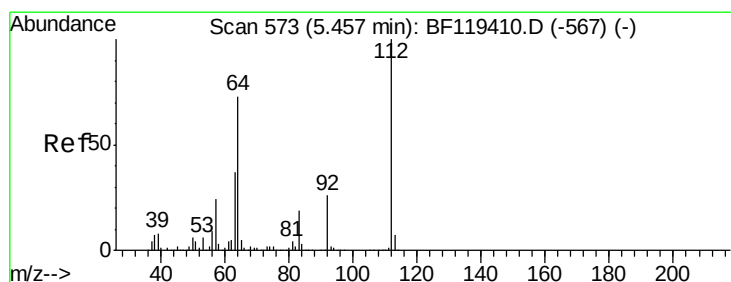
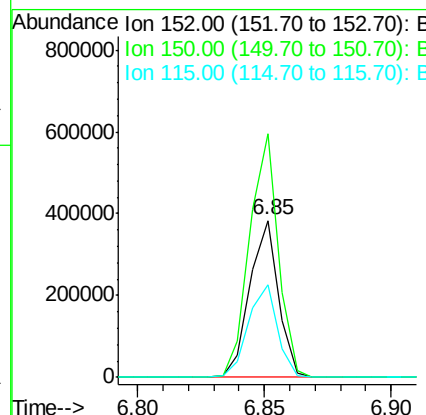
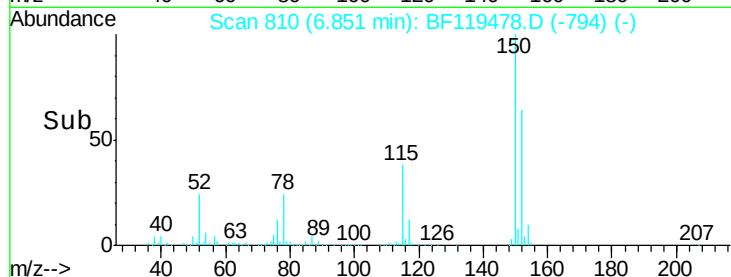
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031920

Tgt Ion:152 Resp: 300955
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.9 185.9
 115 58.8 47.8 71.6

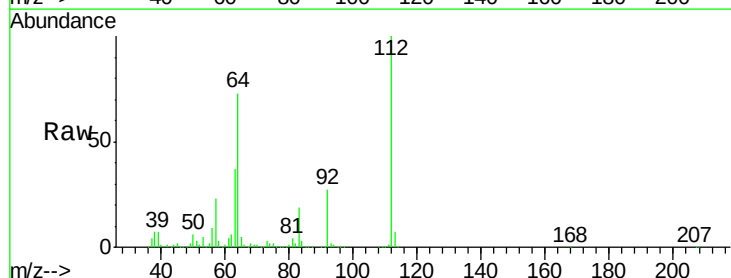


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

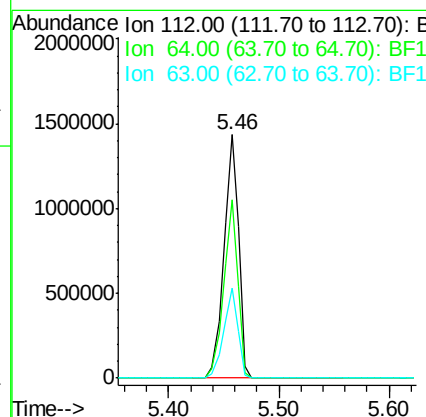
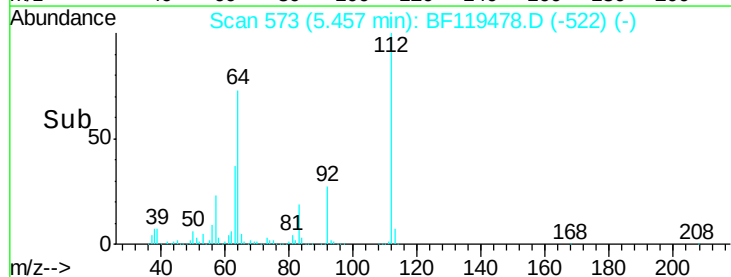


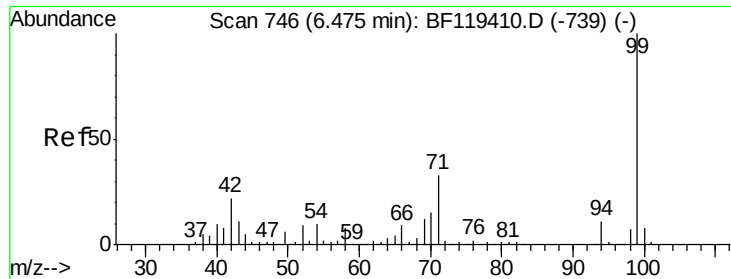
#5
 2-Fluorophenol
 Concen: 70.02 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Tgt Ion:112 Resp: 1323801
 Ion Ratio Lower Upper
 112 100
 64 73.2 58.1 87.1
 63 36.9 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: 68.96 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

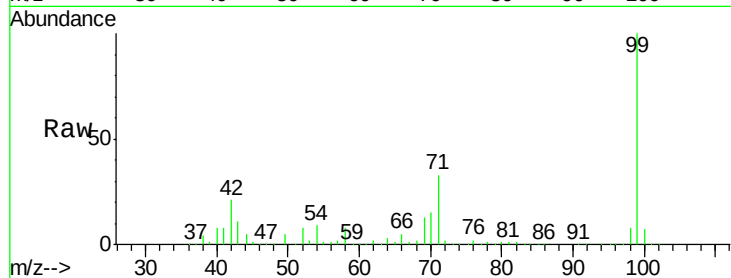
Tgt Ion: 99 Resp: 1665356

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

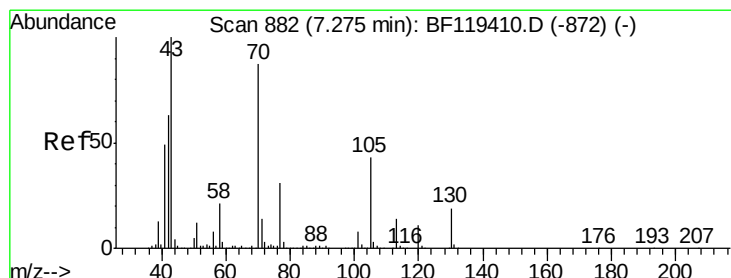
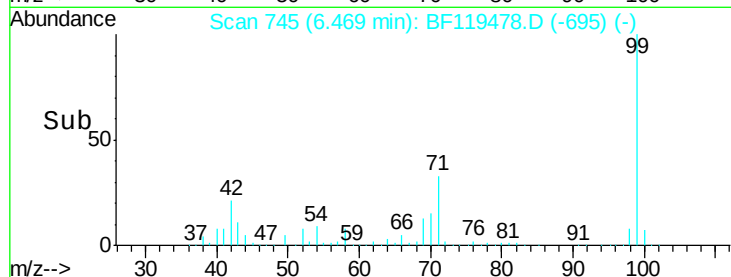
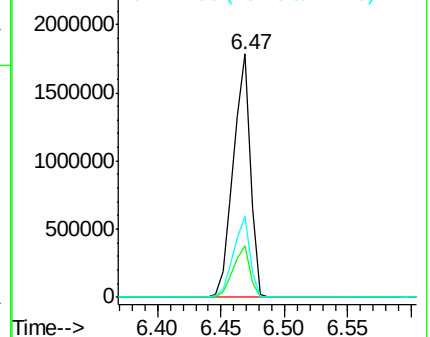
71 33.0 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.37 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

Tgt Ion: 70 Resp: 136409

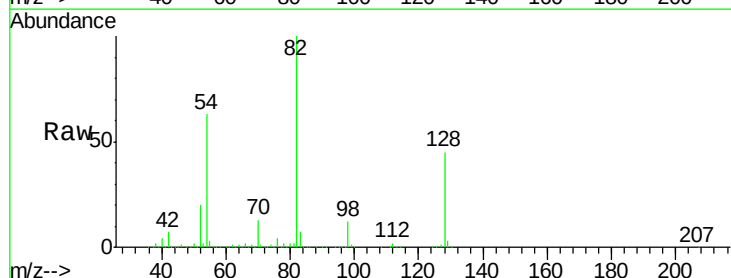
Ion Ratio Lower Upper

70 100

42 52.6 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#

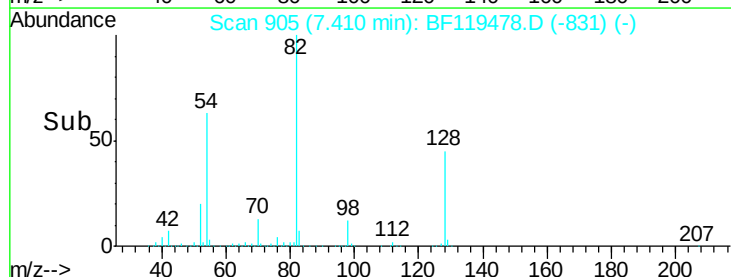
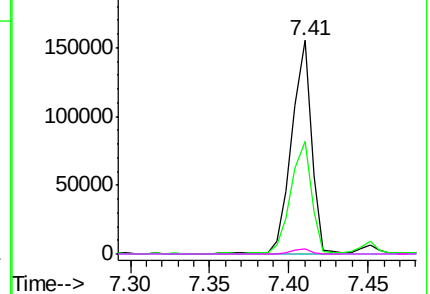


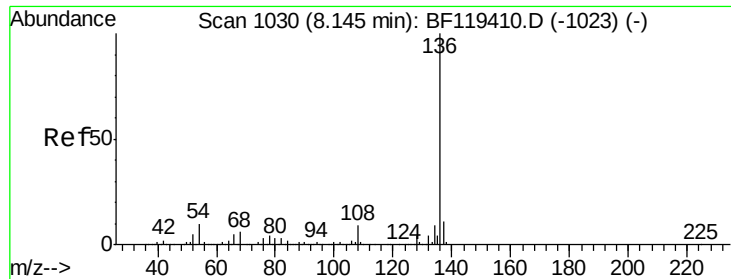
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

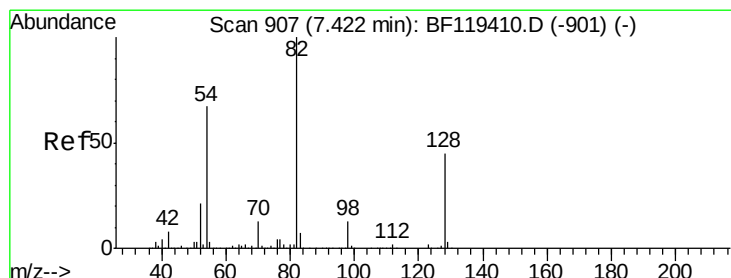
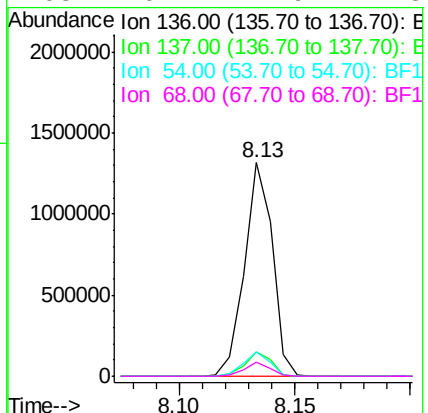
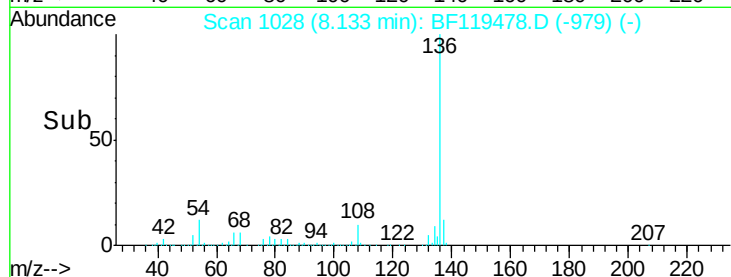
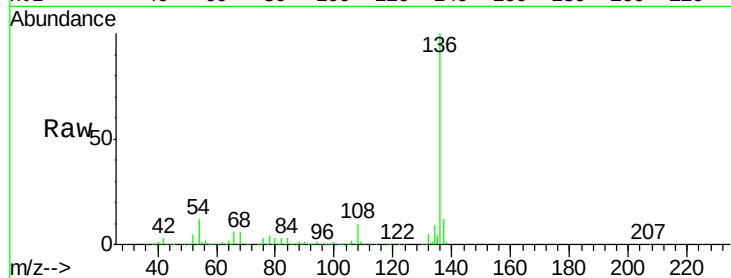




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119478.D
Acq: 20 Mar 2020 18:12

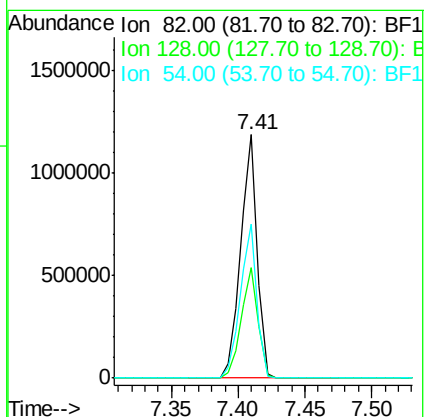
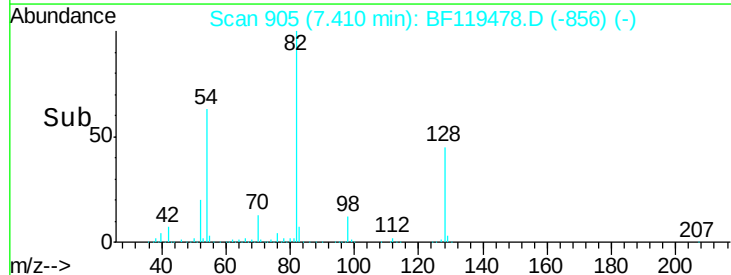
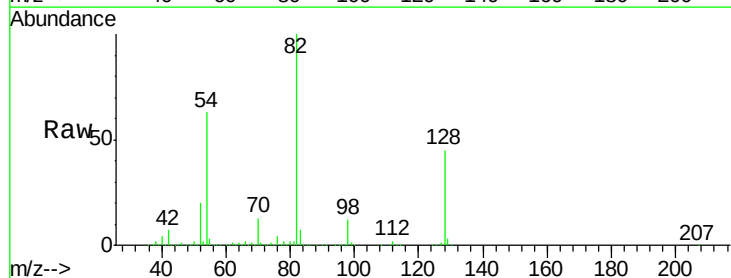
Instrument :
BNA_F
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TR-05-031920

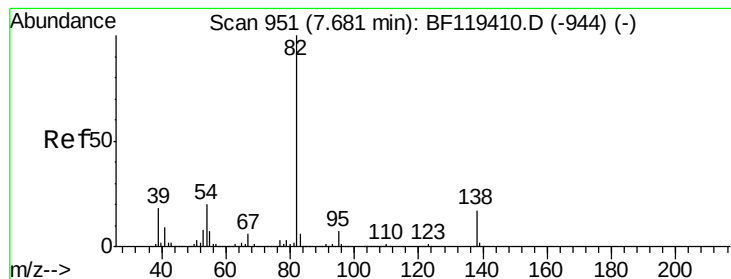
Tgt Ion:	136	Resp:	1112385
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	11.7	8.3	12.5
68	6.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 50.17 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119478.D
Acq: 20 Mar 2020 18:12

Tgt Ion:	82	Resp:	1026786
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.8
54	63.2	53.4	80.0





#25

Isophorone

Concen: 24.63 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

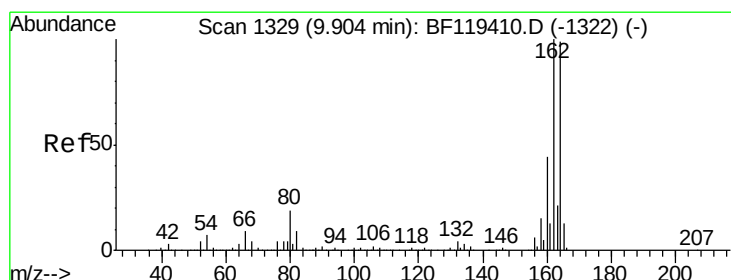
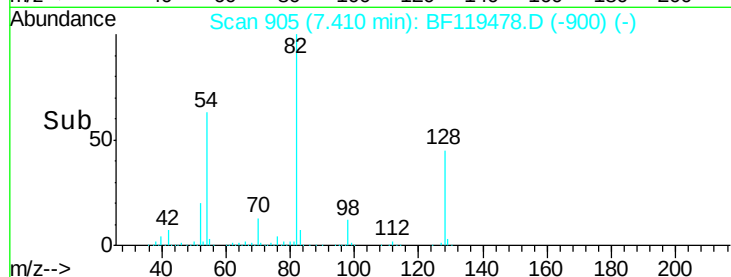
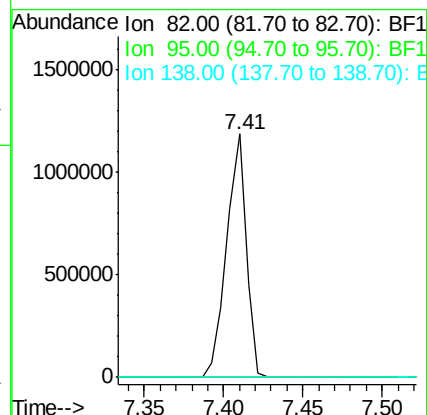
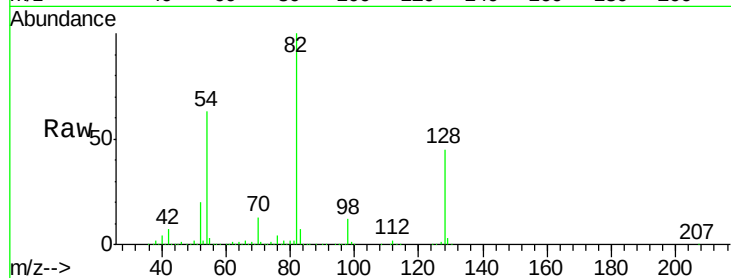
Tgt Ion: 82 Resp: 1022466

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

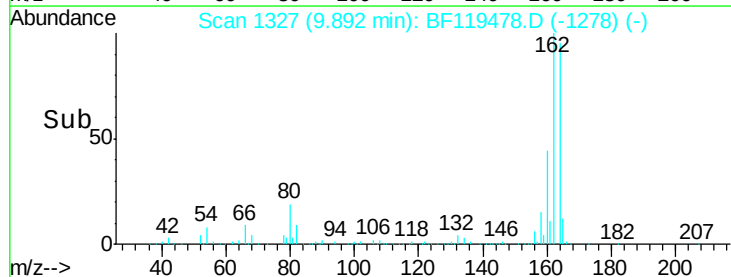
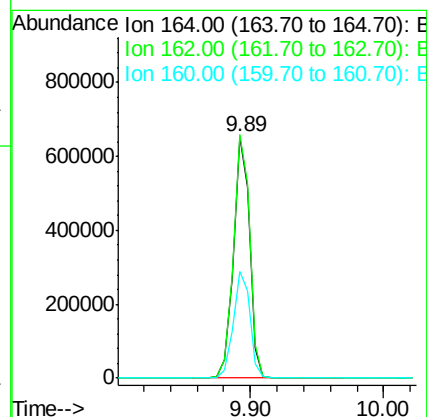
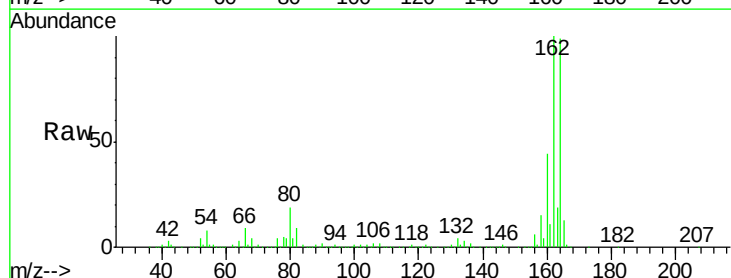
Tgt Ion: 164 Resp: 559209

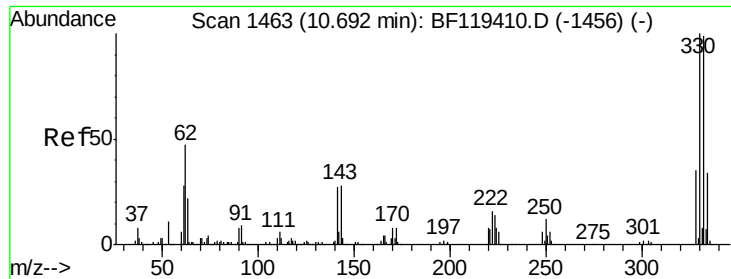
Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

160 44.3 35.5 53.3

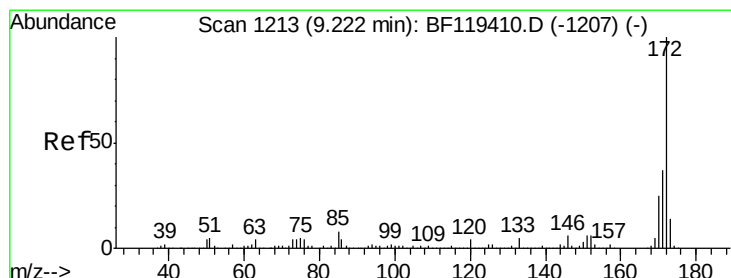
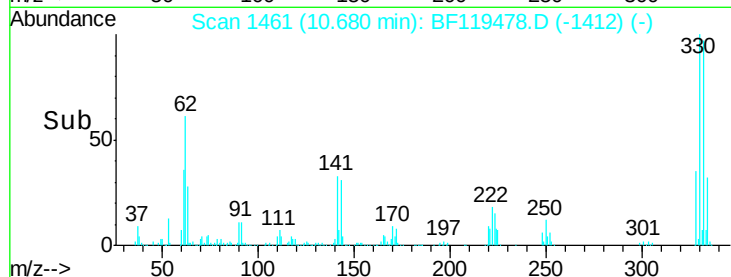
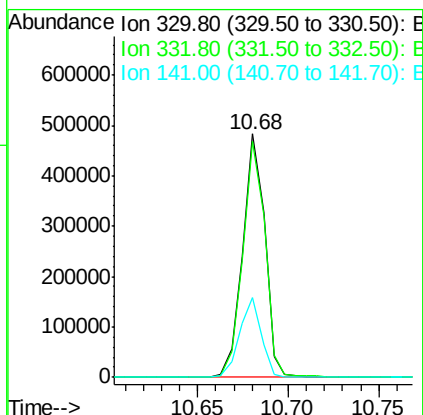
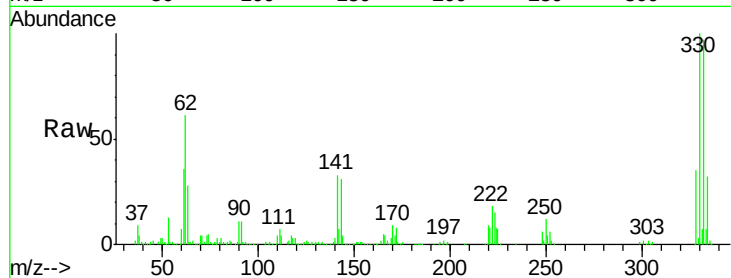




#42
 2,4,6-Tribromophenol
 Concen: 71.51 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

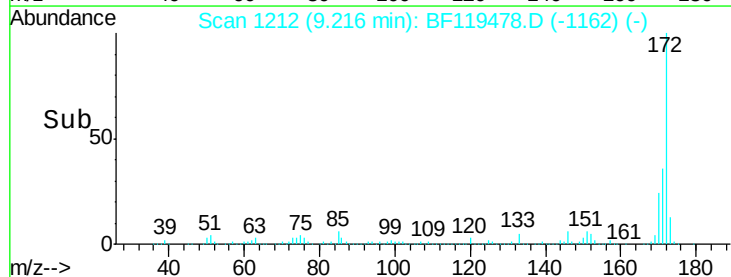
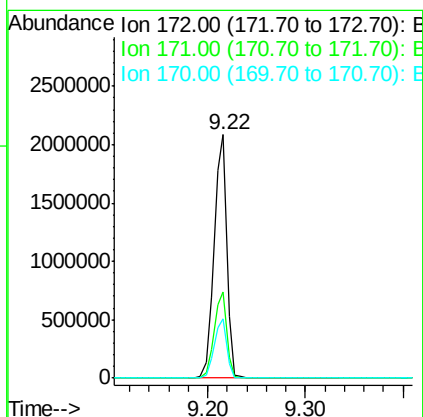
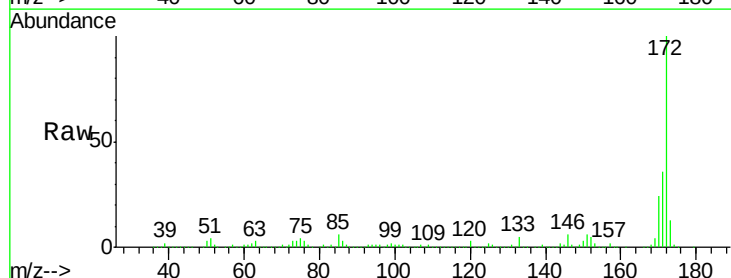
Instrument :
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 TR-05-031920

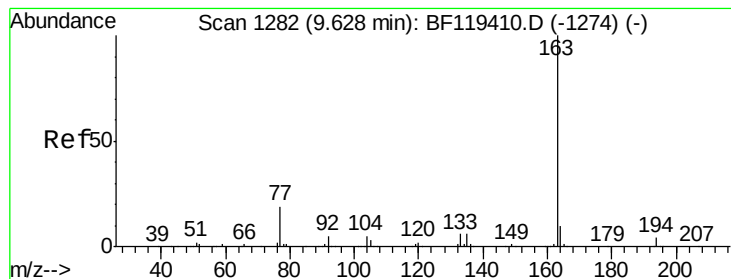
Tgt Ion:330 Resp: 412577
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 32.8 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 49.63 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Tgt Ion:172 Resp: 1873451
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 24.5 20.1 30.1





#50

Dimethylphthalate

Concen: 5.89 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

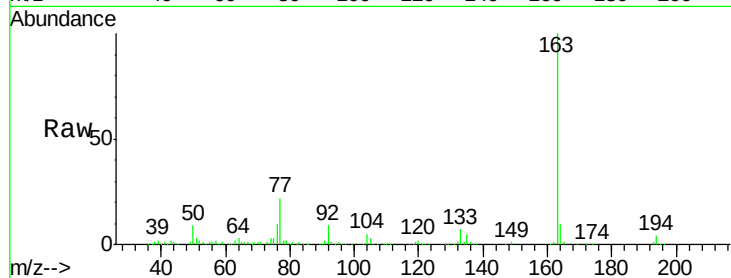
Tgt Ion:163 Resp: 234049

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

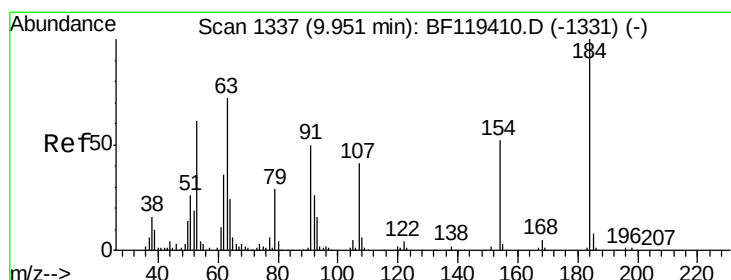
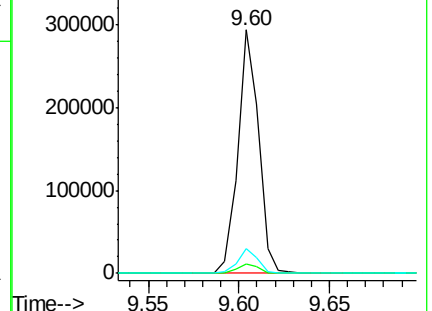
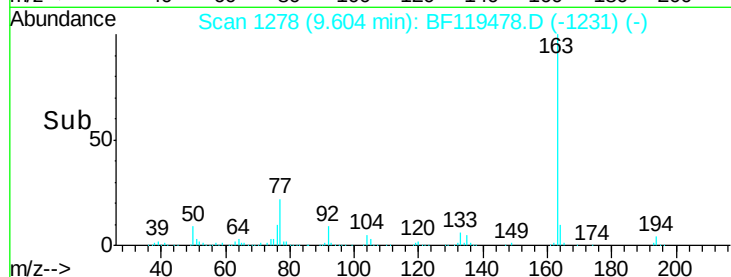
164 10.1 8.1 12.1



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



#54

2,4-Dinitrophenol

Concen: 7.31 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

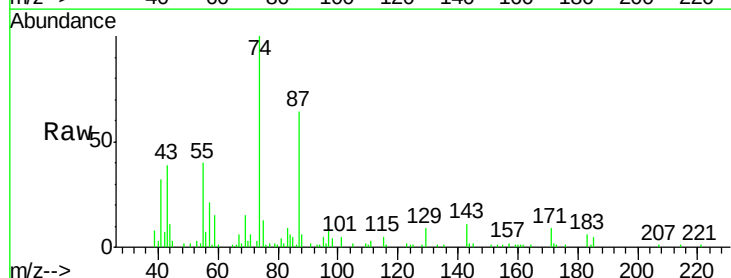
Tgt Ion:184 Resp: 130

Ion Ratio Lower Upper

184 100

63 0.0 58.5 87.7#

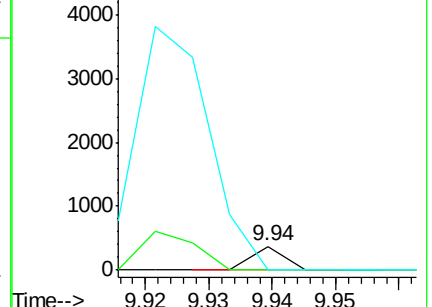
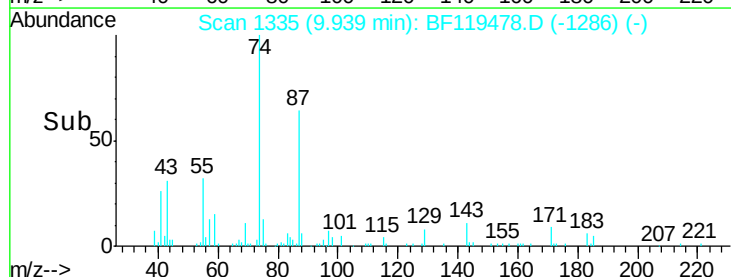
154 0.0 51.8 77.6#

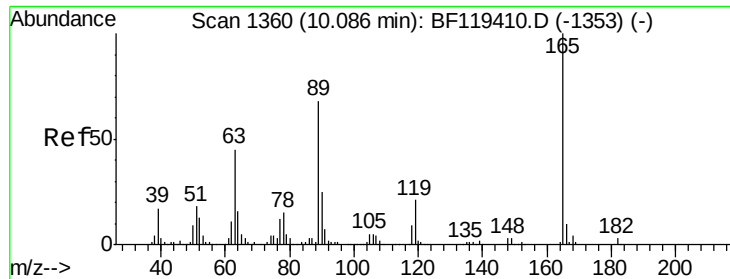


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

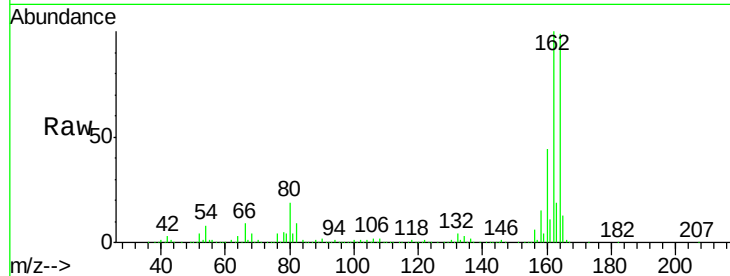




#57
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031920

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.4	54.3	81.5#
182	0.6	2.0	3.0#

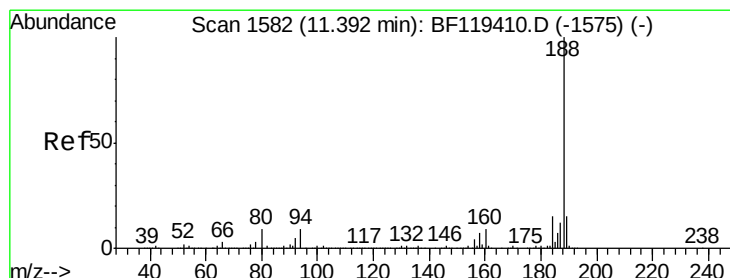
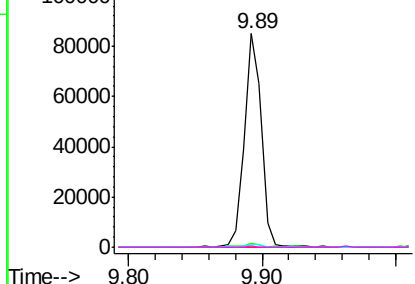
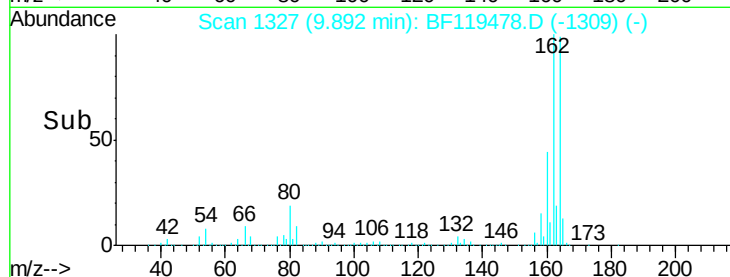


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

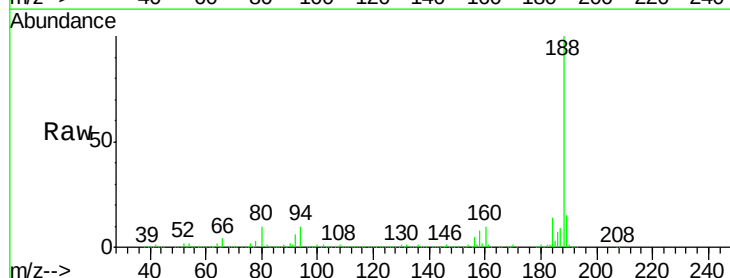
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

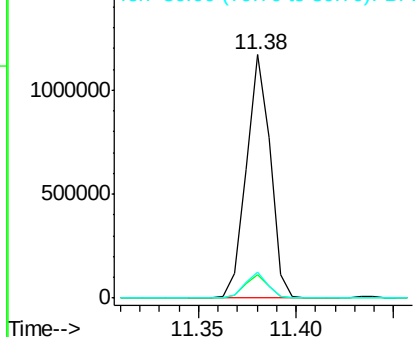
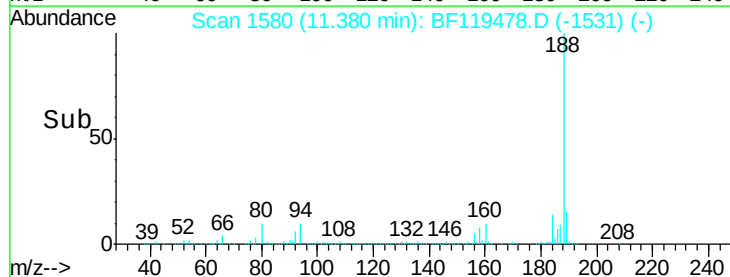
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	10.5	7.5	11.3

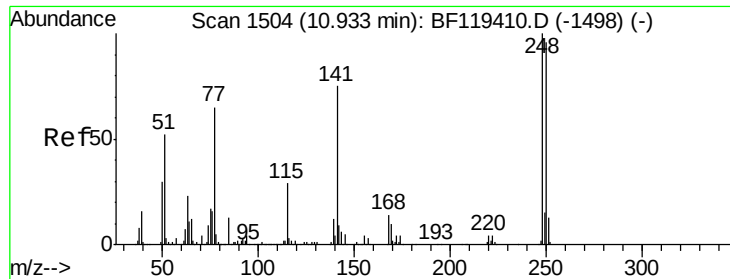


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

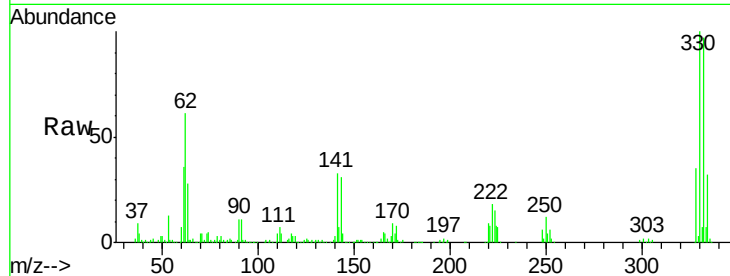




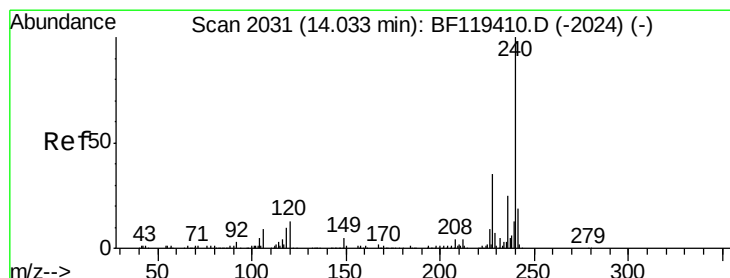
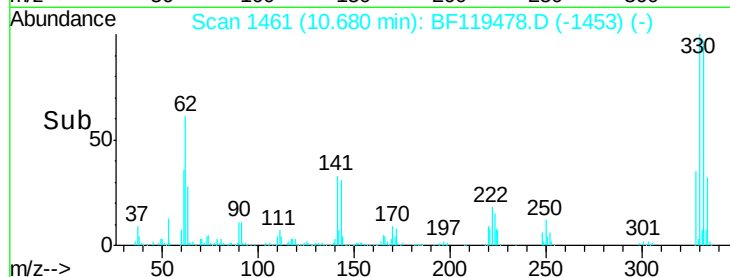
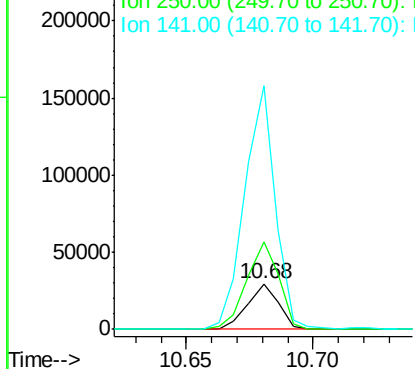
#67
 4-Bromophenyl-phenylether
 Concen: 2.25 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031920

Tgt Ion:248 Resp: 25432
 Ion Ratio Lower Upper
 248 100
 250 192.1 77.0 115.6#
 141 532.5 59.7 89.5#

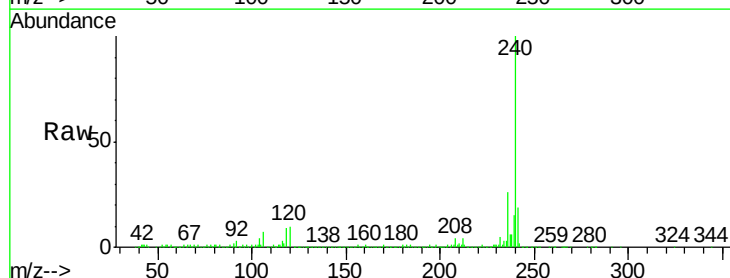


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

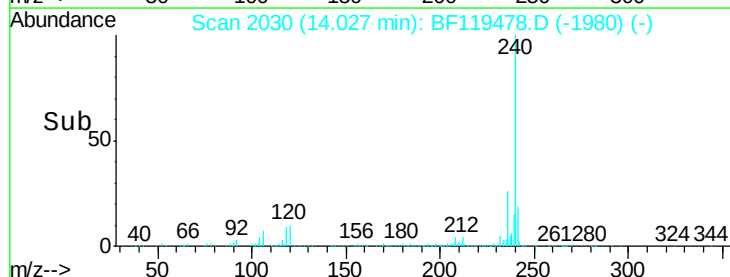
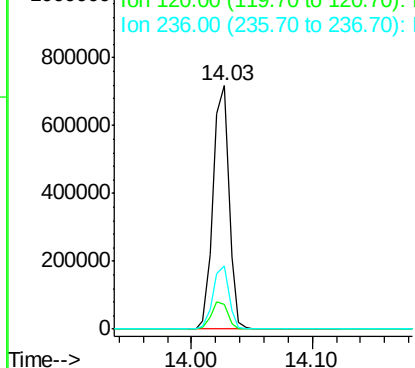


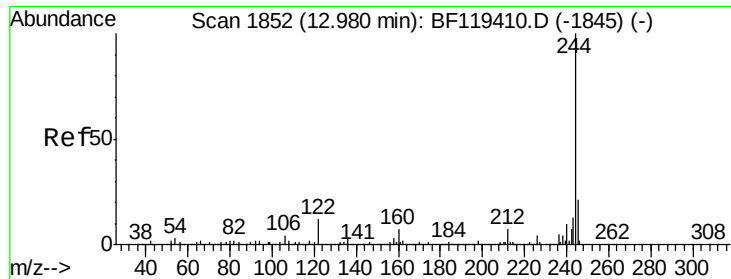
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF119478.D
 Acq: 20 Mar 2020 18:12

Tgt Ion:240 Resp: 654242
 Ion Ratio Lower Upper
 240 100
 120 10.0 10.2 15.4#
 236 26.0 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: 52.70 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

Instrument :

BNA_F

ClientSampleId :

TR-05-031920

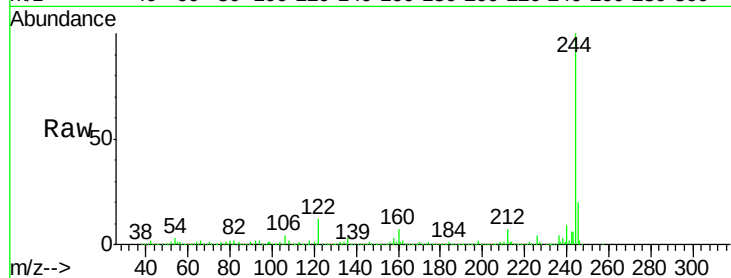
Tgt Ion:244 Resp: 1759945

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

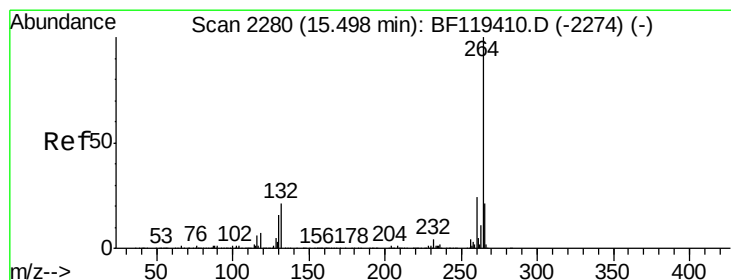
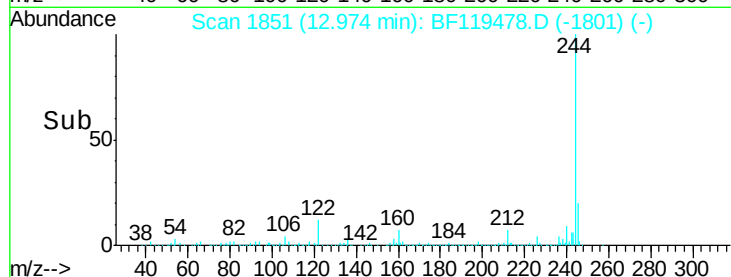
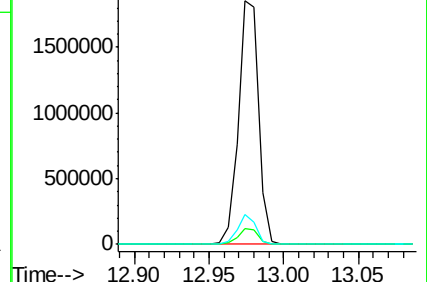
122 12.4 9.8 14.8



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: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF119478.D

Acq: 20 Mar 2020 18:12

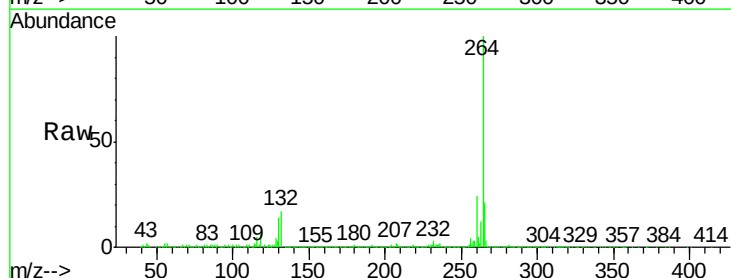
Tgt Ion:264 Resp: 713158

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.3 16.9 25.3



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

