

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119794.D
 Acq On : 7 Apr 2020 2:13
 Operator : MA/SJ
 Sample : L2126-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-5-1

Quant Time: Apr 07 03:12:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

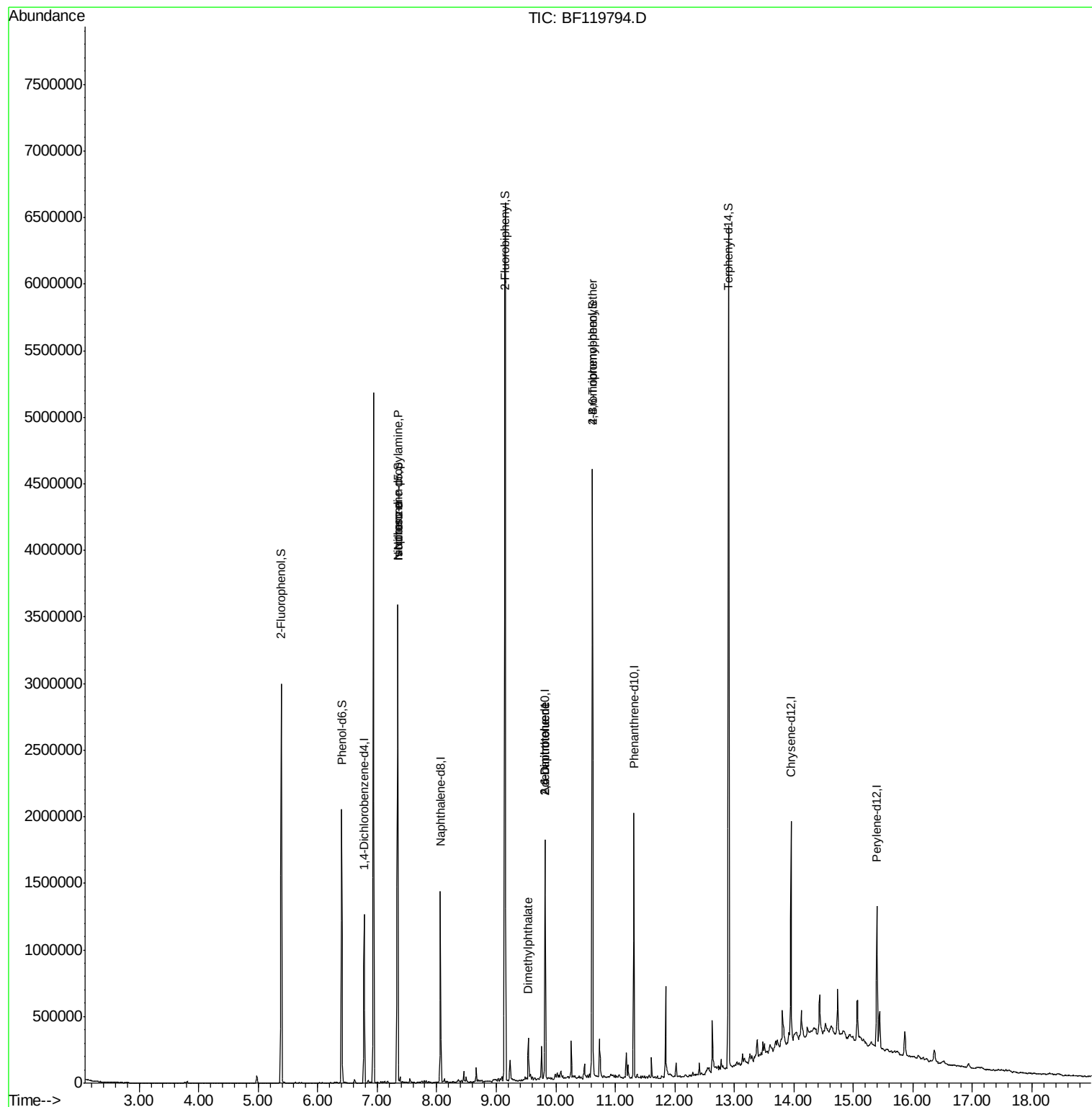
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	181706	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	687367	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	359514	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	677648	20.00	ng	0.00
76) Chrysene-d12	13.95	240	515289	20.00	ng	0.00
87) Perylene-d12	15.40	264	502367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	780089	68.34	ng	0.00
7) Phenol-d6	6.40	99	617580	42.35	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1289004	101.92	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	593801	160.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2376809	97.94	ng	0.00
79) Terphenyl-d14	12.91	244	2643149	100.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	168913	19.22	ng	# 74
25) Isophorone	7.35	82	1284070	50.05	ng	# 65
50) Dimethylphthalate	9.54	163	96673	3.79	ng	99
51) 2,6-Dinitrotoluene	9.82	165	47129	8.61	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	47129	6.84	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	35221	4.56	ng	# 1

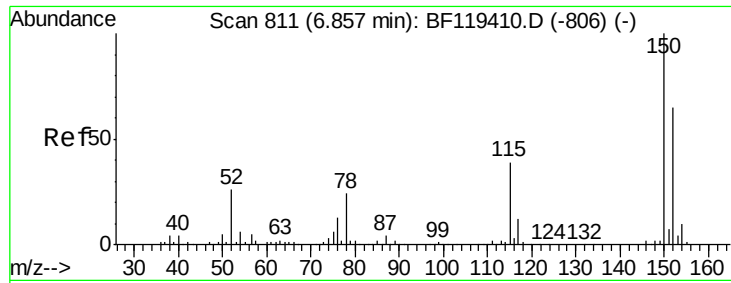
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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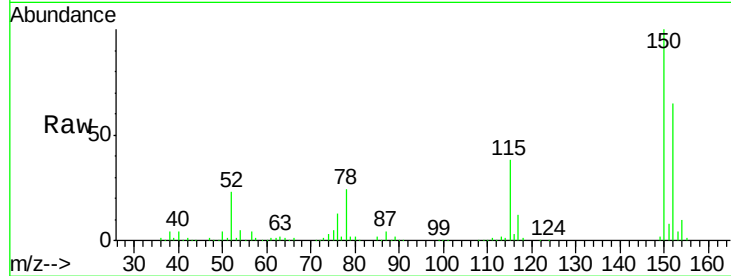


#1

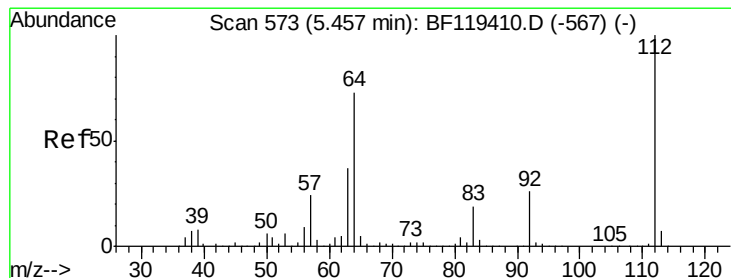
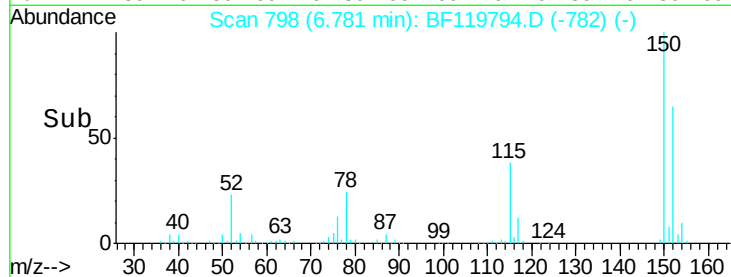
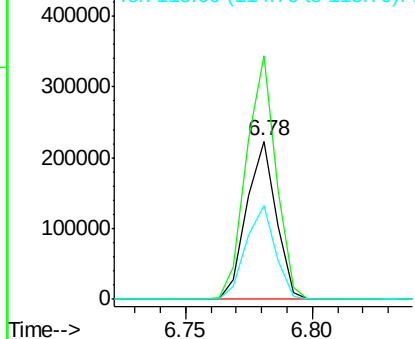
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

Instrument :
BNA_F
ClientSampleId :
2-5-1

Tgt Ion:152 Resp: 181706
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 59.2 49.6 74.4



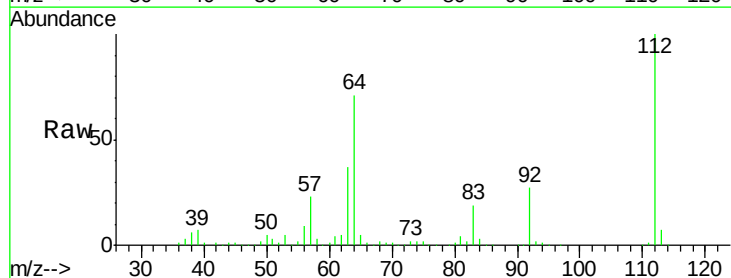
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



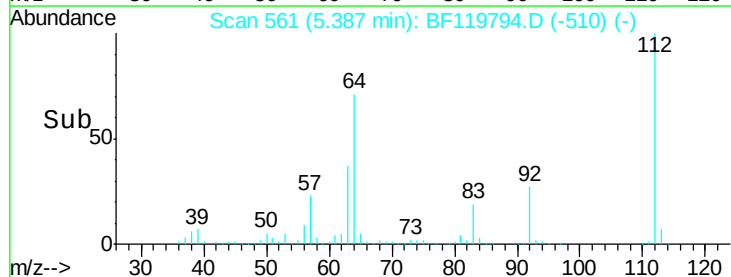
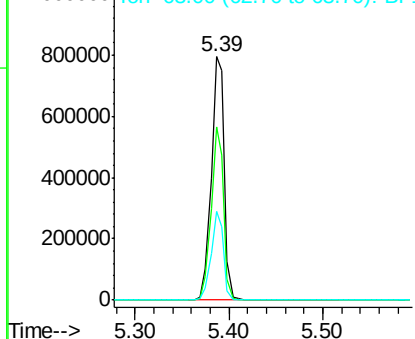
#5

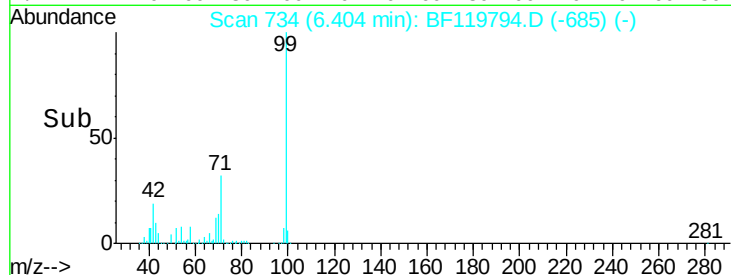
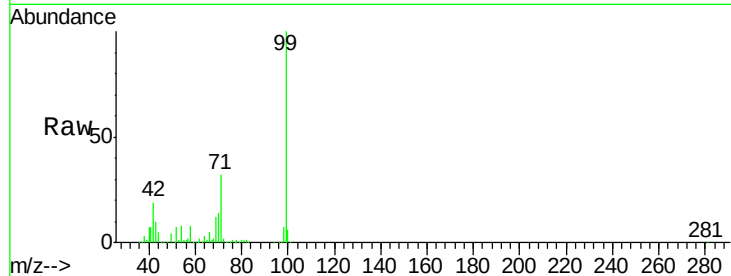
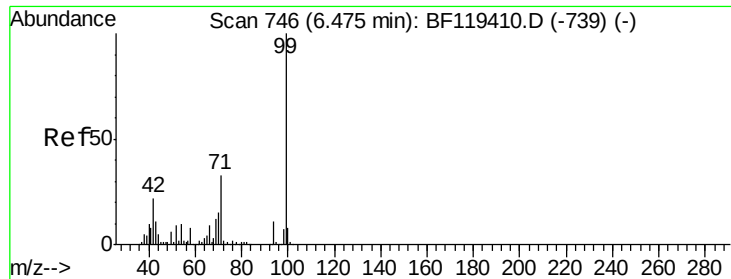
2-Fluorophenol
Concen: 68.34 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

Tgt Ion:112 Resp: 780089
Ion Ratio Lower Upper
112 100
64 71.4 56.7 85.1
63 36.5 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: 42.35 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Instrument :

BNA_F

ClientSampled :

2-5-1

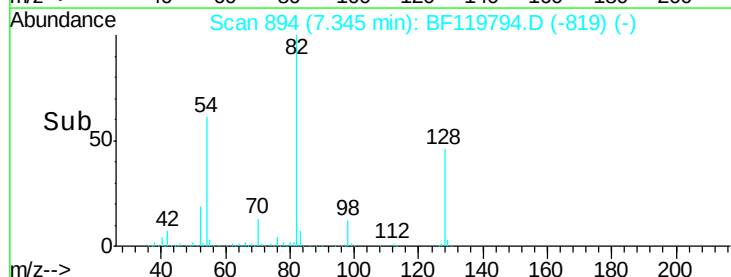
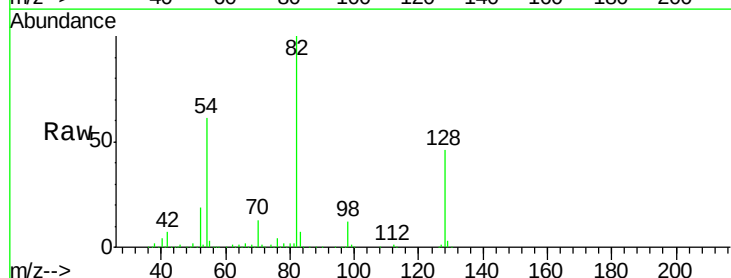
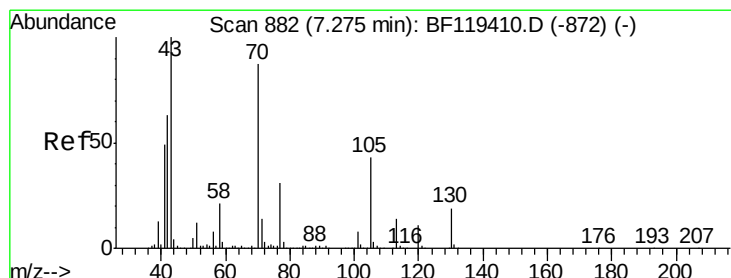
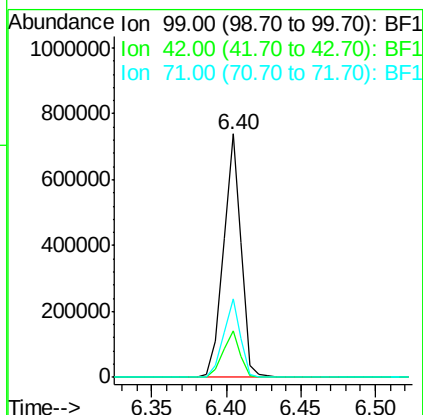
Tgt Ion: 99 Resp: 617580

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.22 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Tgt Ion: 70 Resp: 168913

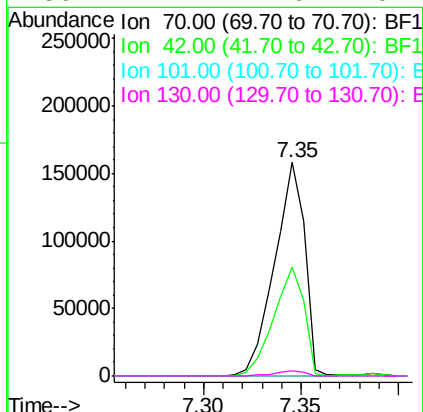
Ion Ratio Lower Upper

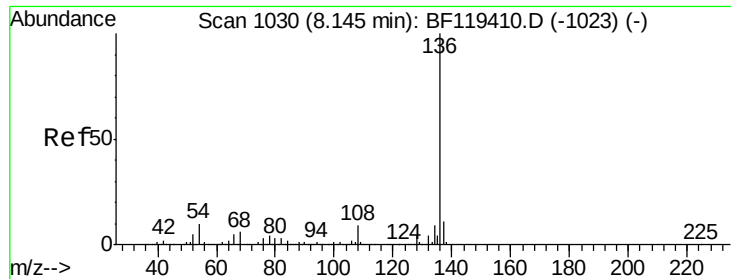
70 100

42 51.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

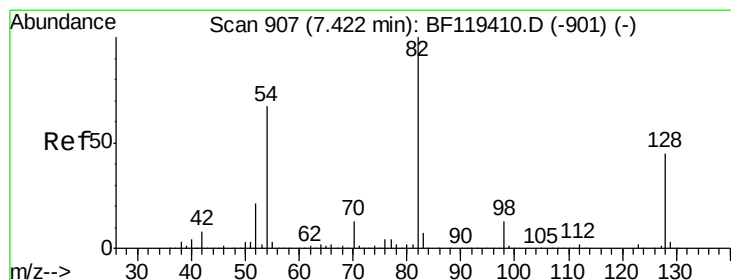
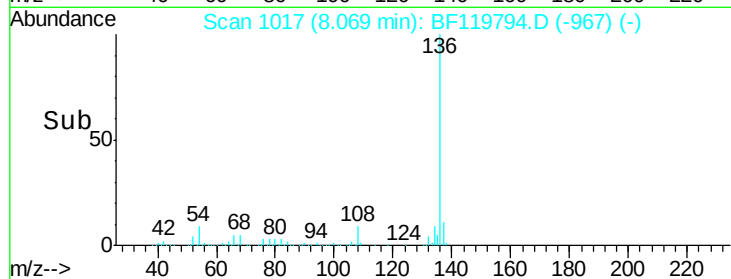
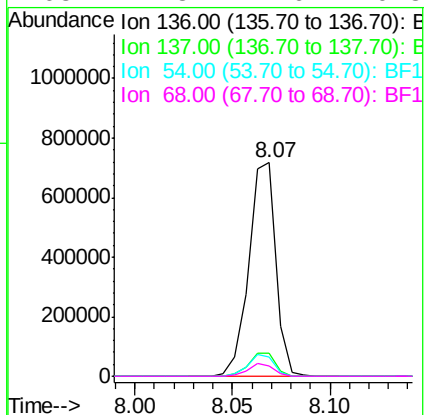
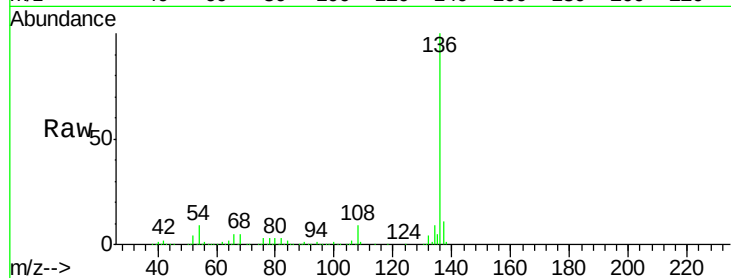




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

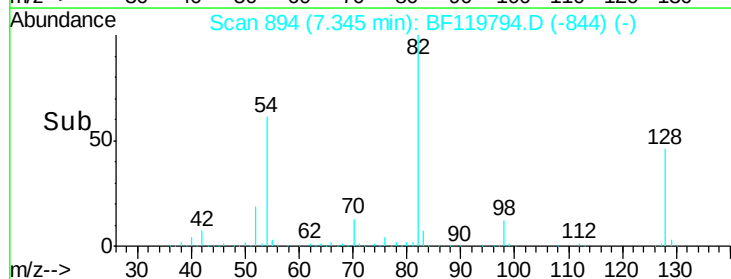
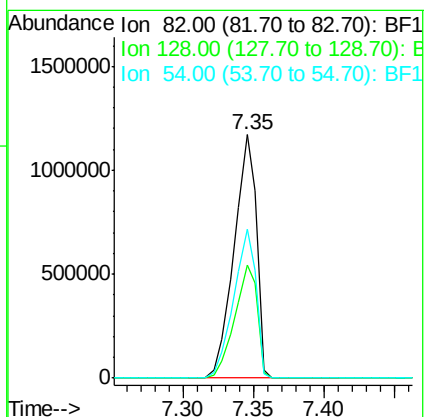
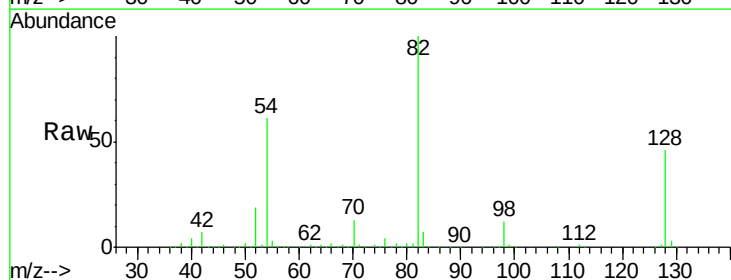
Instrument :
BNA_F
ClientSampleId :
2-5-1

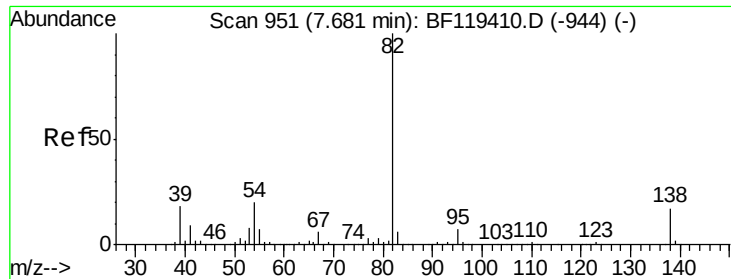
Tgt Ion:	136	Resp:	687367
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.0	9.1	13.7#
68	4.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 101.92 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

Tgt Ion:	82	Resp:	1289004
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	61.3	50.6	75.8





#25

Isophorone

Concen: 50.05 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Instrument :

BNA_F

ClientSampleId :

2-5-1

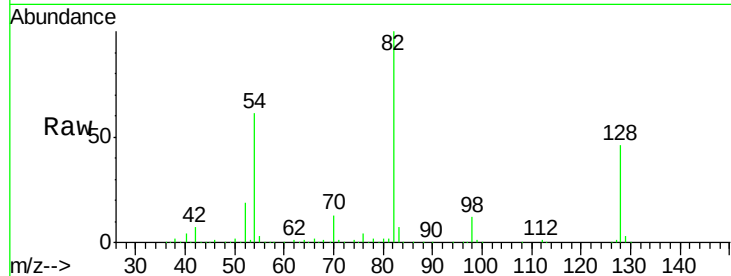
Tgt Ion: 82 Resp: 1284070

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

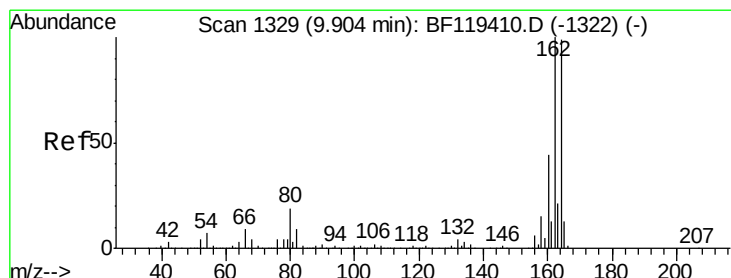
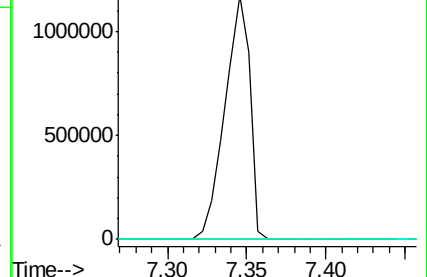
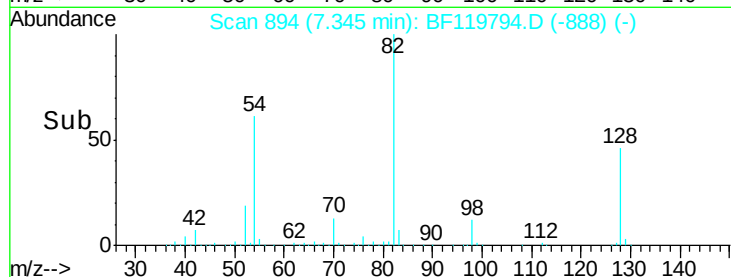
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

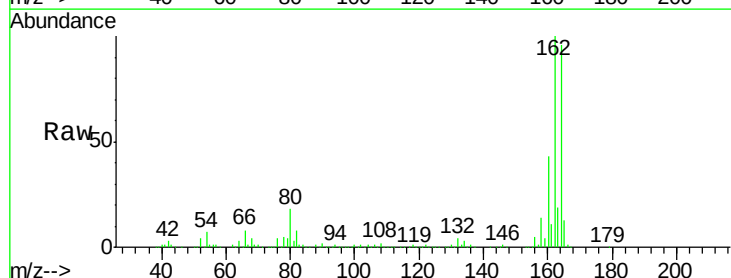
Tgt Ion: 164 Resp: 359514

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

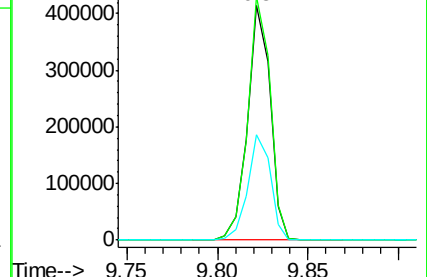
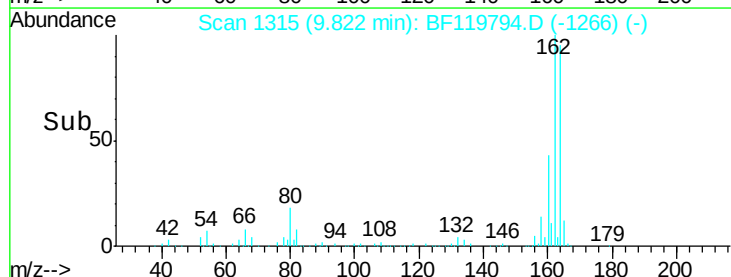
160 44.7 35.7 53.5

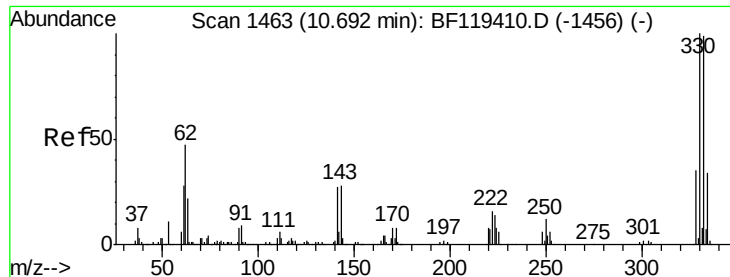


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 160.10 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Instrument :

BNA_F

ClientSampleId :

2-5-1

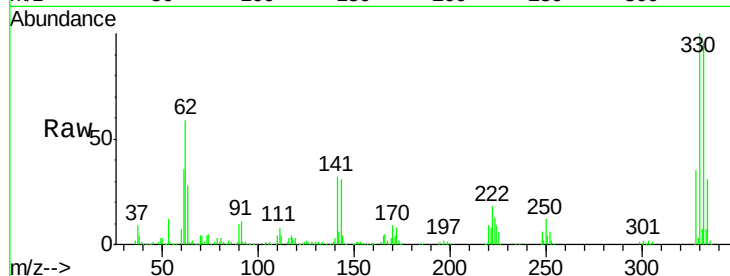
Tgt Ion:330 Resp: 593801

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

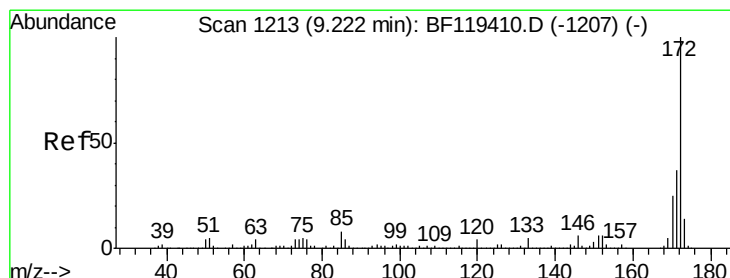
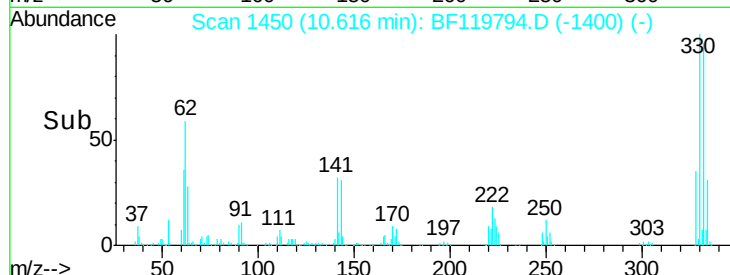
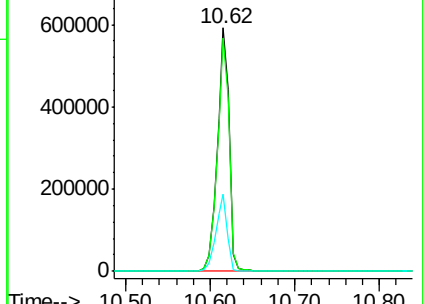
141 30.7 25.4 38.0



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: 97.94 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

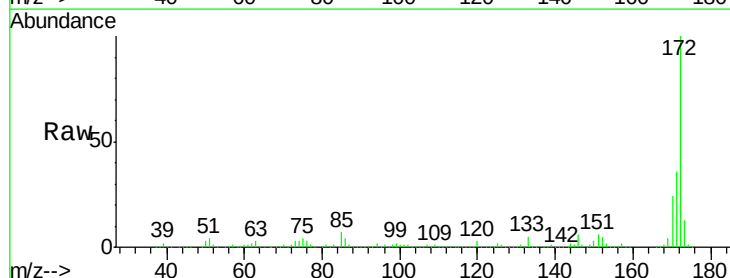
Tgt Ion:172 Resp: 2376809

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

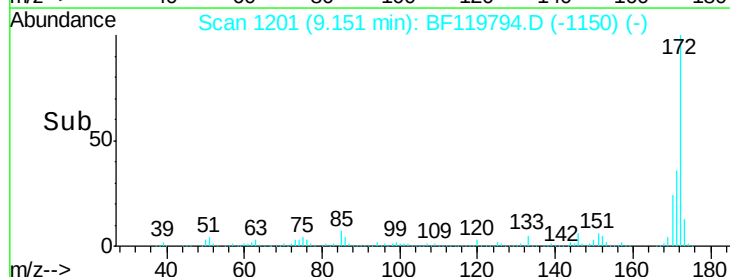
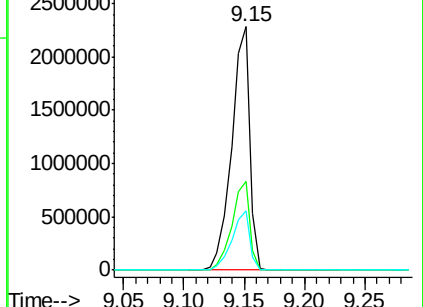
170 24.3 20.2 30.2

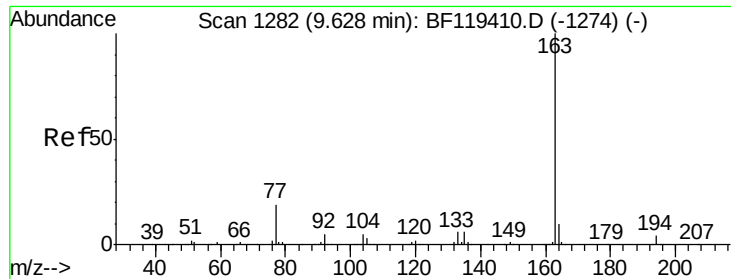


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

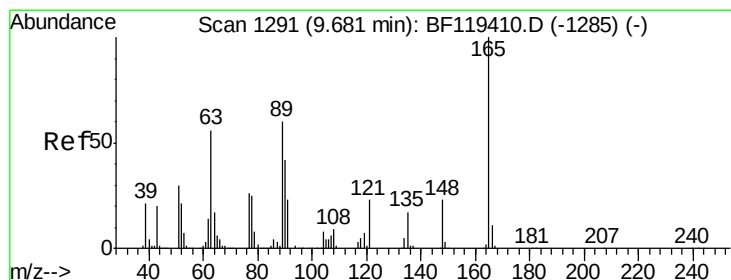
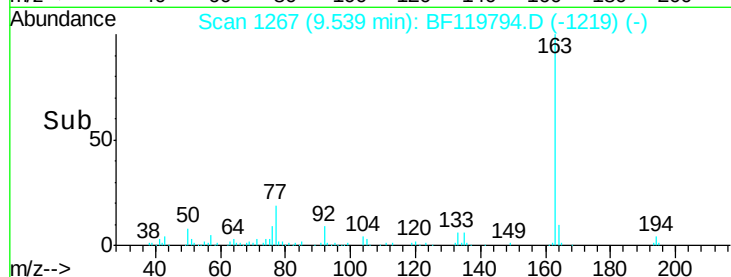
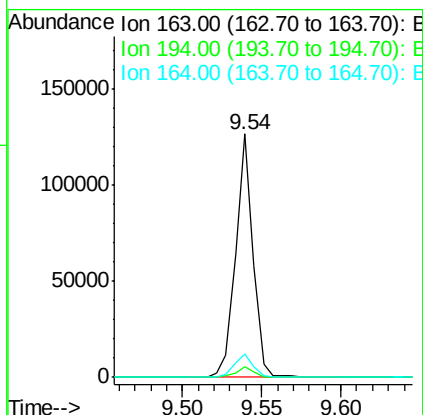
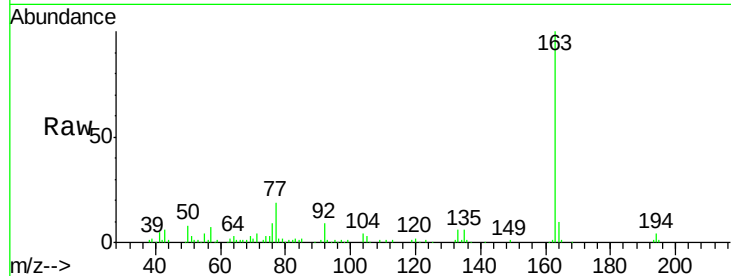




#50
Dimethylphthalate
Concen: 3.79 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

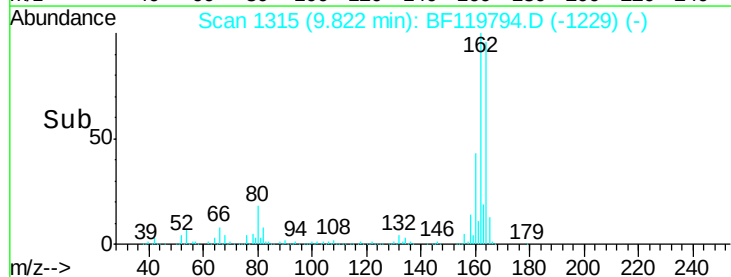
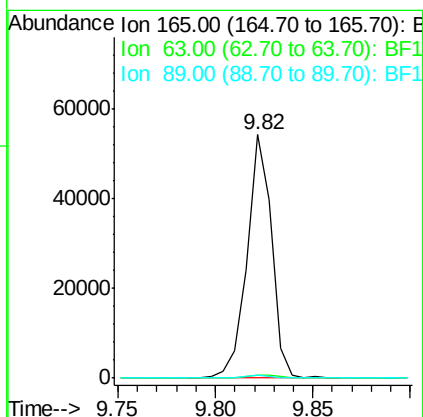
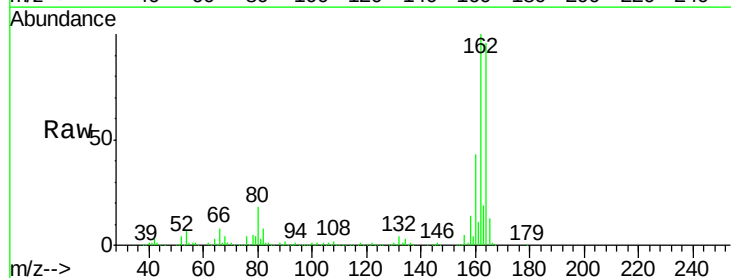
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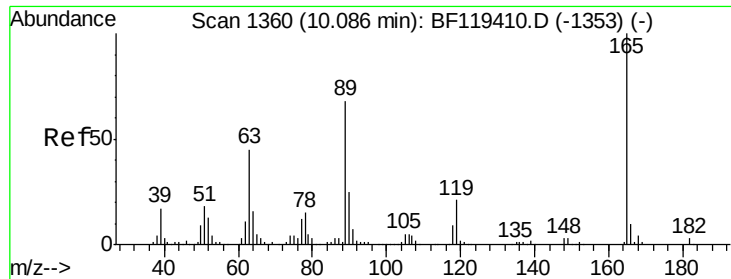
Tgt Ion:163 Resp: 96673
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.61 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF119794.D
Acq: 7 Apr 2020 2:13

Tgt Ion:165 Resp: 47129
Ion Ratio Lower Upper
165 100
63 1.3 45.0 67.4#
89 1.1 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Instrument :

BNA_F

ClientSampleId :

2-5-1

Tgt Ion:165 Resp: 47129

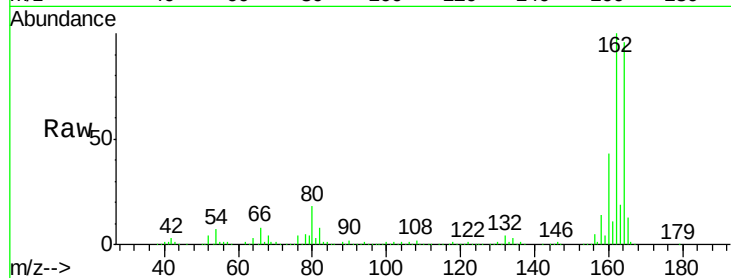
Ion Ratio Lower Upper

165 100

63 1.3 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

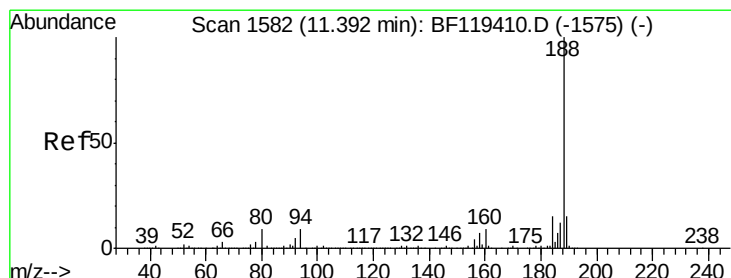
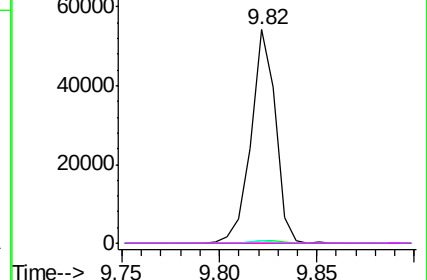
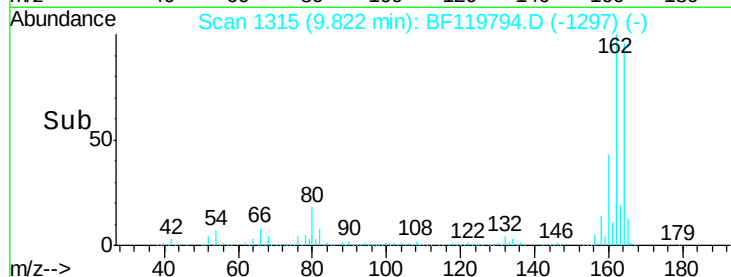


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

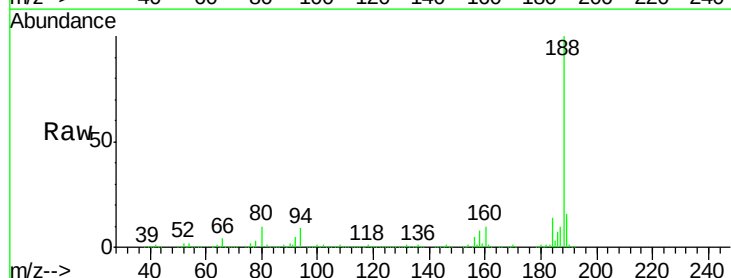
Tgt Ion:188 Resp: 677648

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

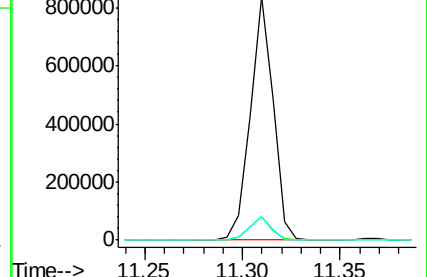
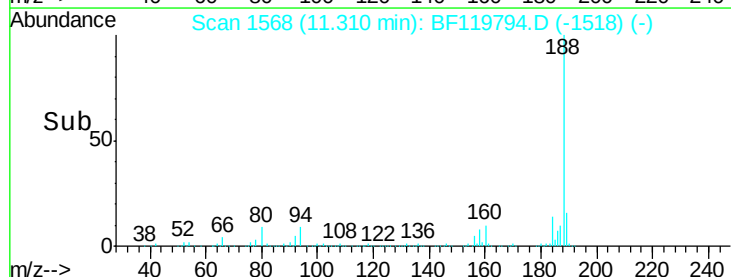
80 9.5 9.0 13.4

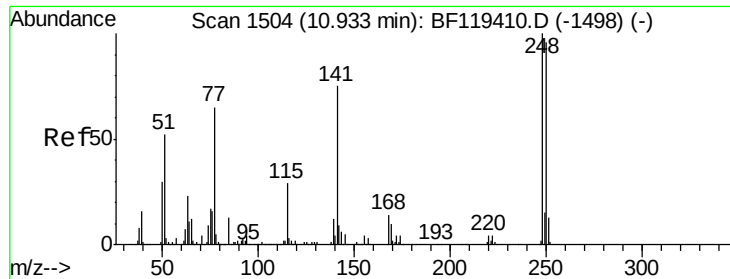


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

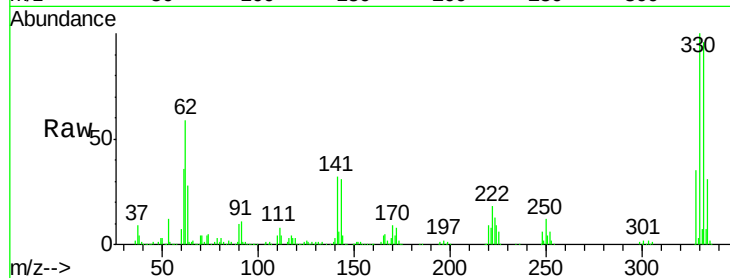




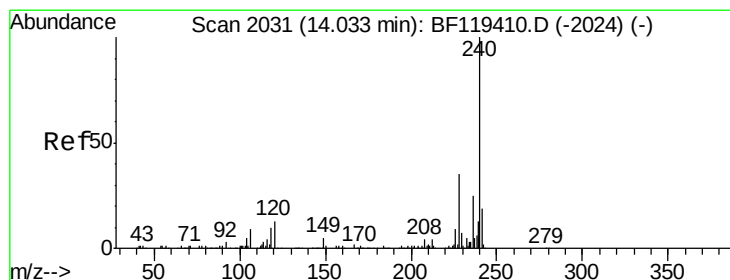
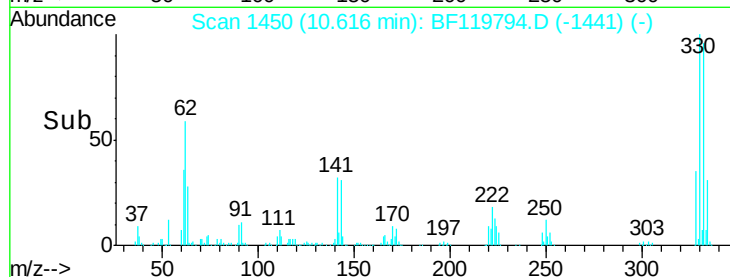
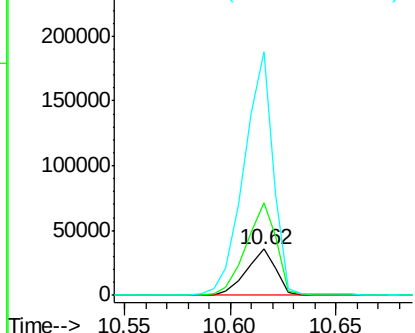
#67
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119794.D
 Acq: 7 Apr 2020 2:13

Instrument :
 BNA_F
 ClientSampleId :
 2-5-1

Tgt Ion:248 Resp: 35221
 Ion Ratio Lower Upper
 248 100
 250 200.8 77.3 115.9#
 141 524.6 58.6 87.8#

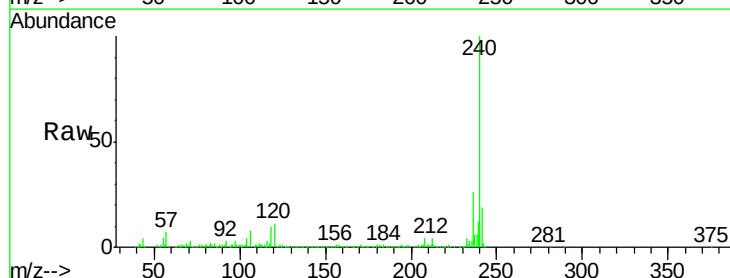


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

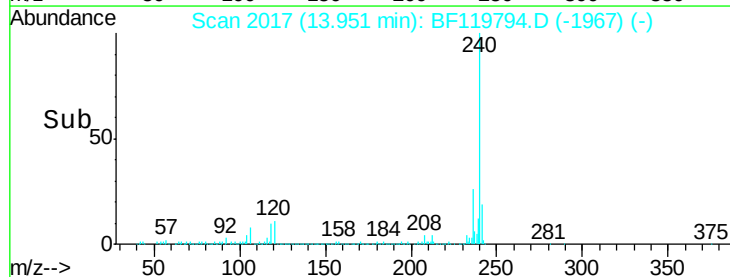
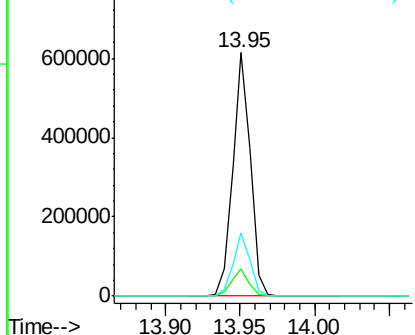


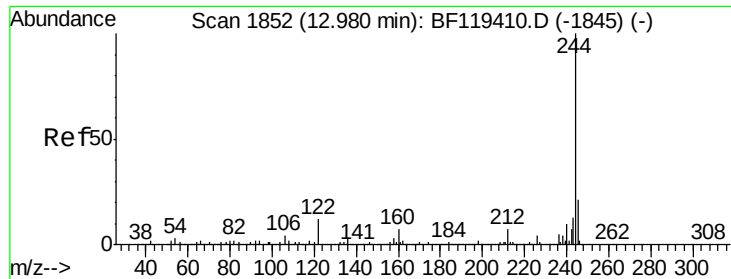
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119794.D
 Acq: 7 Apr 2020 2:13

Tgt Ion:240 Resp: 515289
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.8 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: 100.50 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

Instrument :

BNA_F

ClientSampleId :

2-5-1

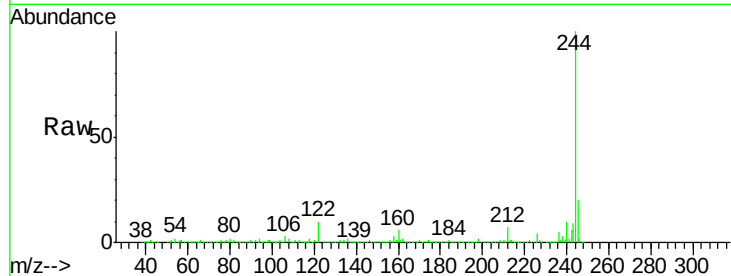
Tgt Ion:244 Resp: 2643149

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

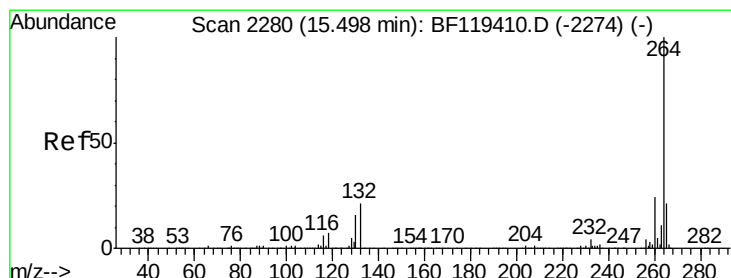
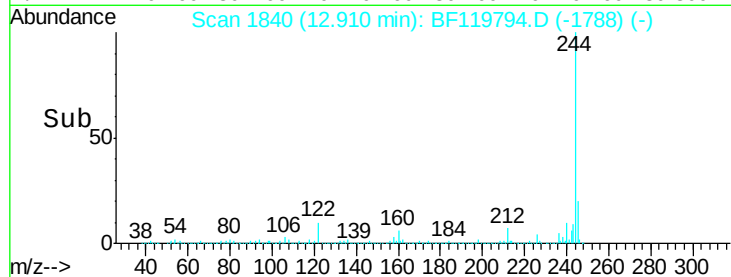
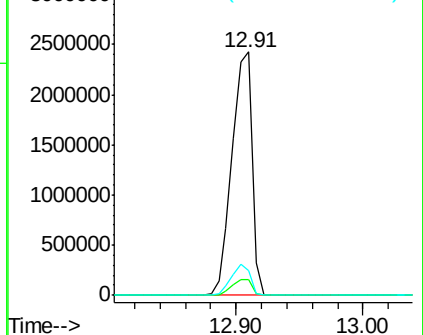
122 10.1 10.3 15.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119794.D

Acq: 7 Apr 2020 2:13

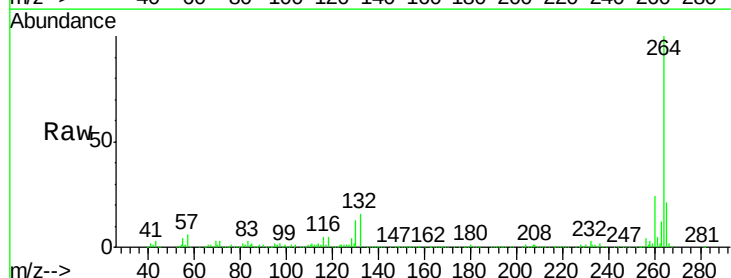
Tgt Ion:264 Resp: 502367

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.3 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

