

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119755.D
 Acq On : 4 Apr 2020 9:51
 Operator : MA/SJ
 Sample : L2102-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Quant Time: Apr 06 00:30:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

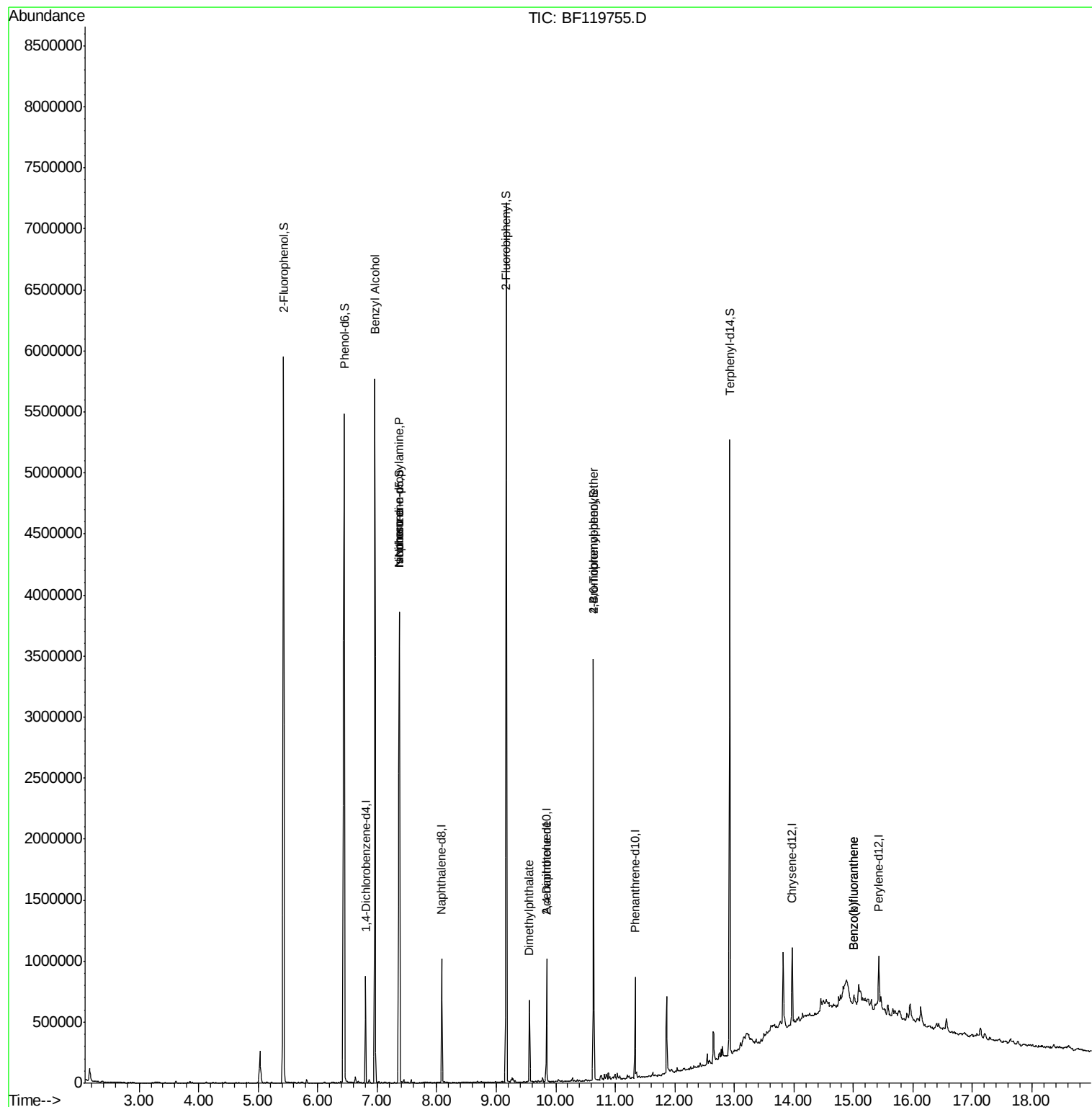
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116547	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	414616	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	186481	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	302701	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	226175	20.00	ng	-0.03
87) Perylene-d12	15.43	264	189506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1799567	245.80	ng	0.01
7) Phenol-d6	6.45	99	2283109	244.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	1419178	186.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	459494	238.84	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2354049	187.01	ng	-0.01
79) Terphenyl-d14	12.93	244	2029487	175.80	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	22955	3.26	ng	# 47
19) n-Nitroso-di-n-propylamine	7.37	70	187162	33.20	ng	# 76
25) Isophorone	7.37	82	1419161	91.70	ng	# 65
50) Dimethylphthalate	9.56	163	260252	19.65	ng	100
57) 2,4-Dinitrotoluene	9.85	165	23412	6.55	ng	# 21
67) 4-Bromophenyl-phenylether	10.64	248	27874	8.09	ng	# 1
88) Benzo(b)fluoranthene	15.00	252	27153	2.14	ng	# 43
89) Benzo(k)fluoranthene	15.00	252	27153	2.25	ng	# 45

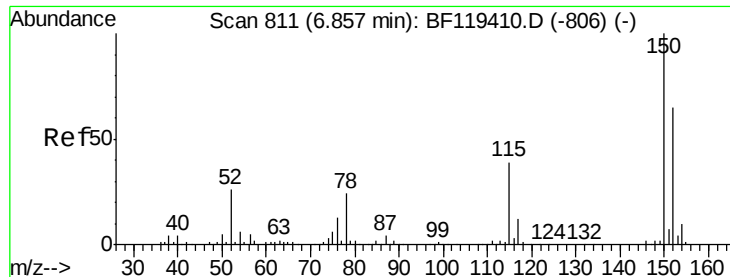
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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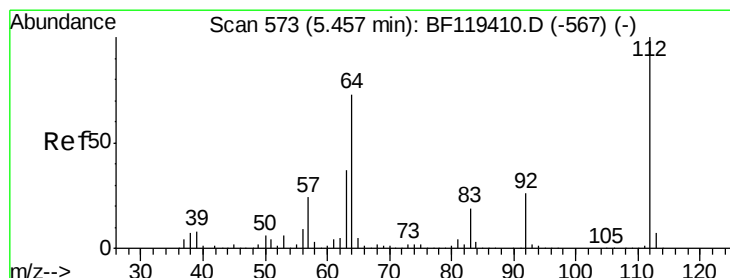
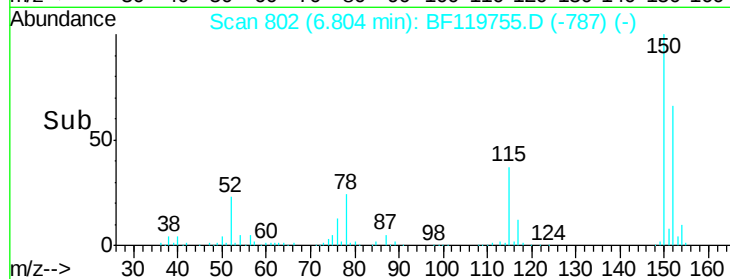
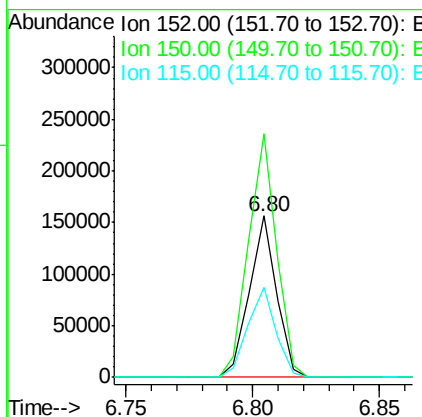
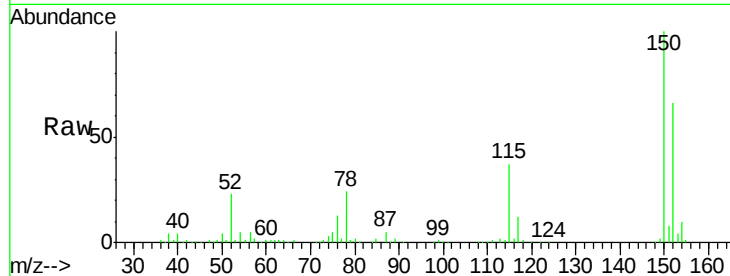




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

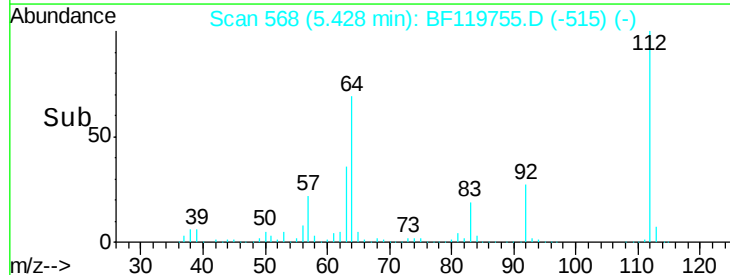
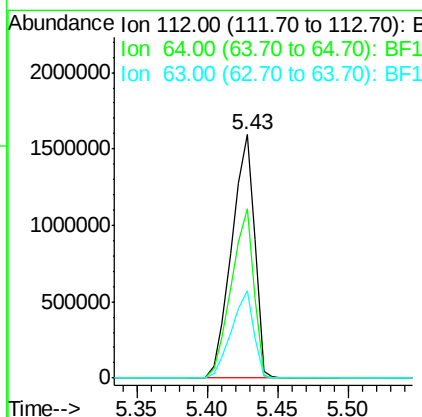
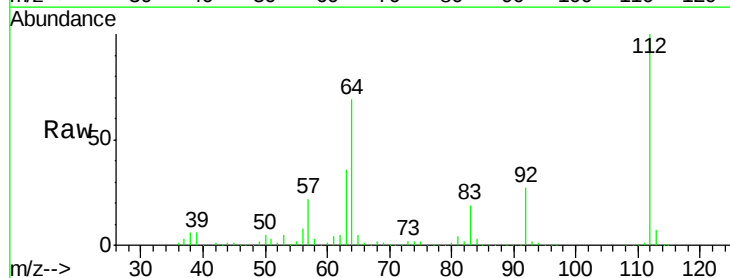
Instrument :
 BNA_F
 ClientSampleId :
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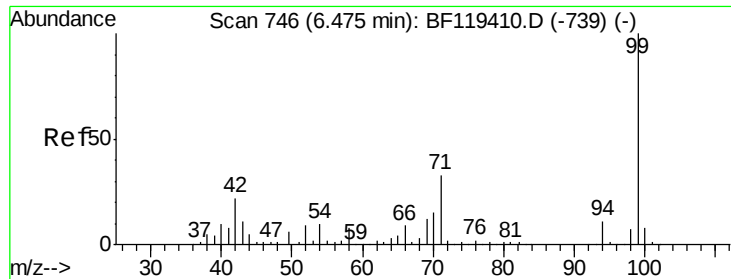
Tgt Ion:152 Resp: 116547
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.5 186.7
 115 55.8 49.6 74.4



#5
 2-Fluorophenol
 Concen: 245.80 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:112 Resp: 1799567
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.7 85.1
 63 35.9 29.5 44.3

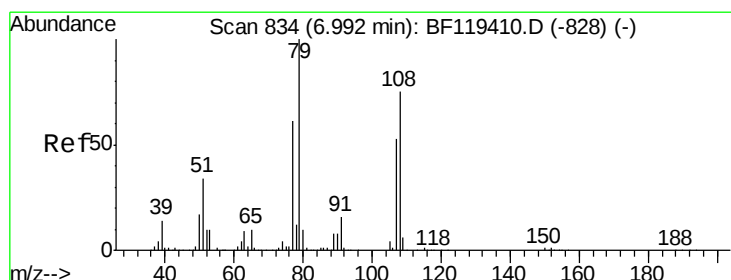
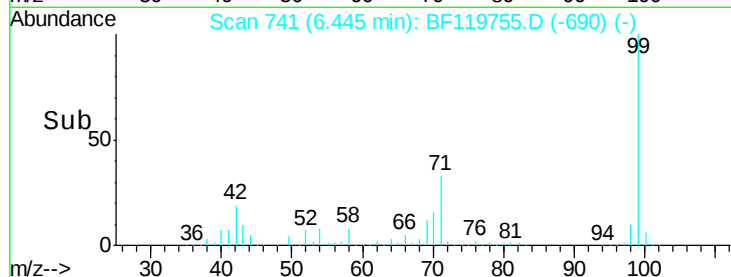
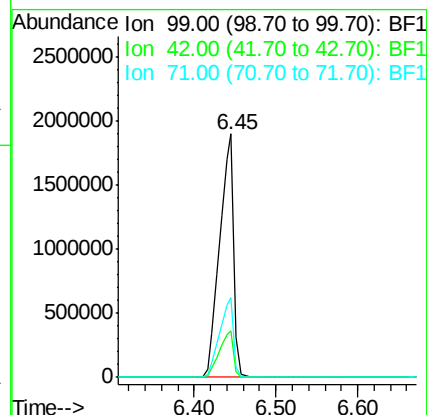
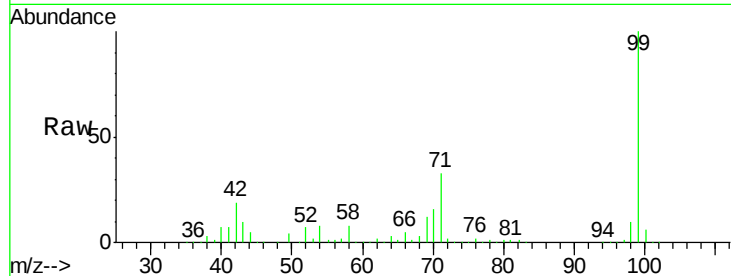




#7
Phenol-d6
Concen: 244.12 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

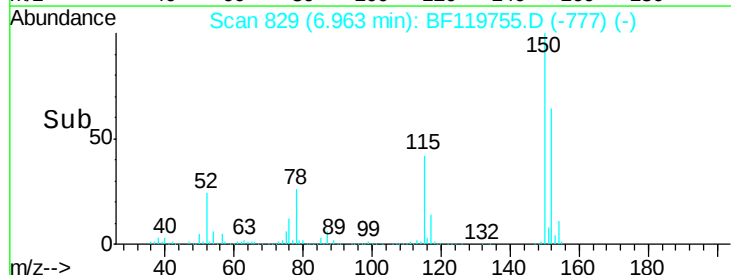
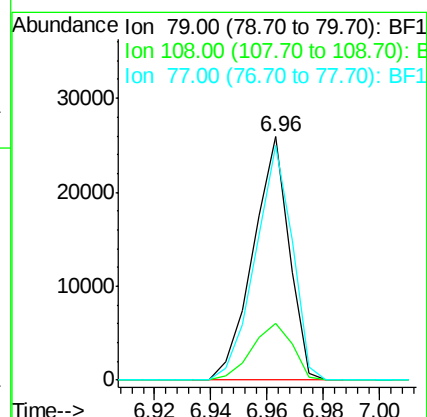
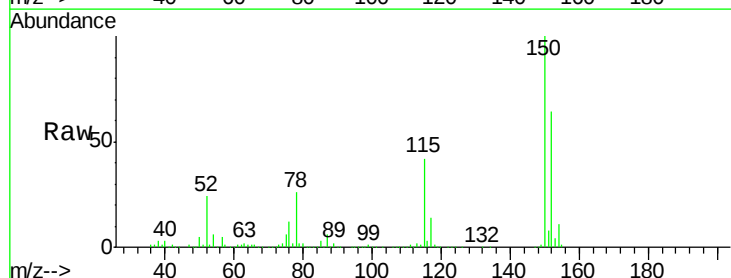
Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

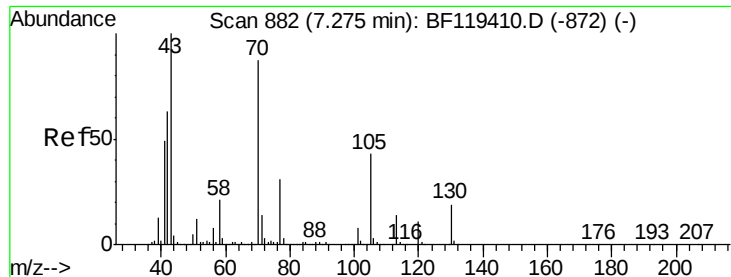
Tgt Ion: 99 Resp: 2283109
Ion Ratio Lower Upper
99 100
42 18.9 16.6 24.8
71 32.9 26.4 39.6



#15
Benzyl Alcohol
Concen: 3.26 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Tgt Ion: 79 Resp: 22955
Ion Ratio Lower Upper
79 100
108 23.2 60.6 90.8#
77 96.6 50.2 75.2#

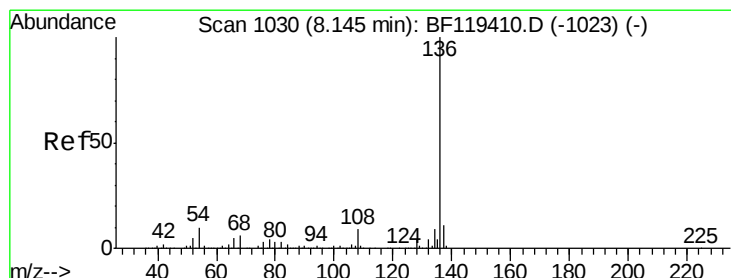
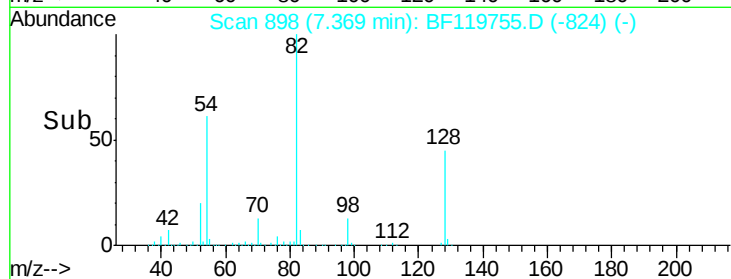
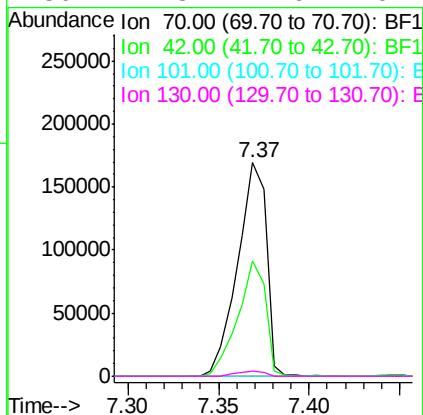
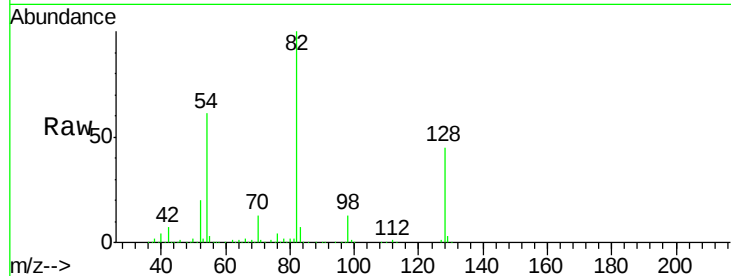




#19
n-Nitroso-di-n-propylamine
Concen: 33.20 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

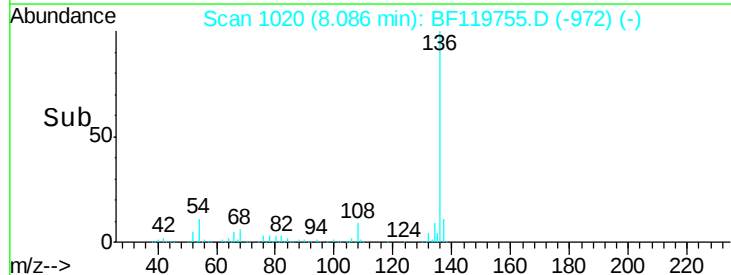
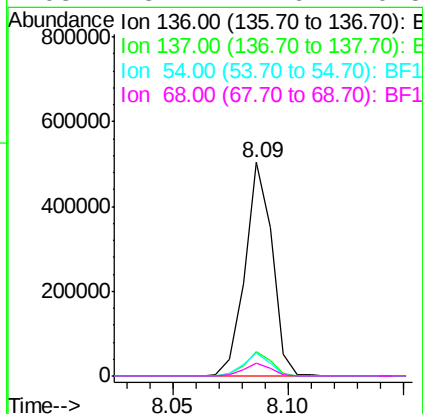
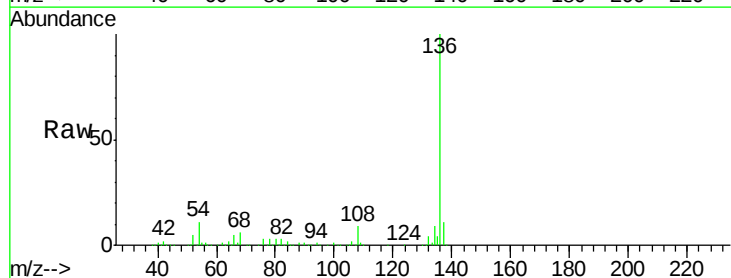
Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

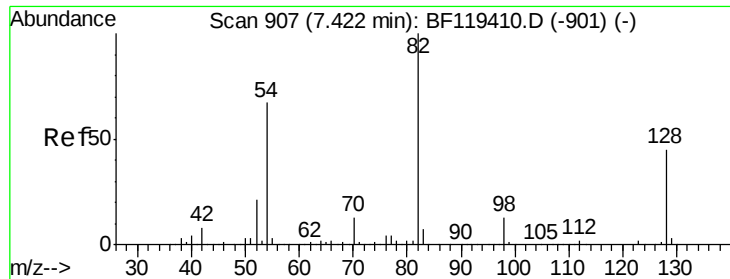
Tgt Ion:	70	Resp:	187162
Ion	Ratio	Lower	Upper
70	100		
42	53.8	54.5	81.7#
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Tgt Ion:	136	Resp:	414616
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	9.1	13.7
68	5.7	4.6	6.8

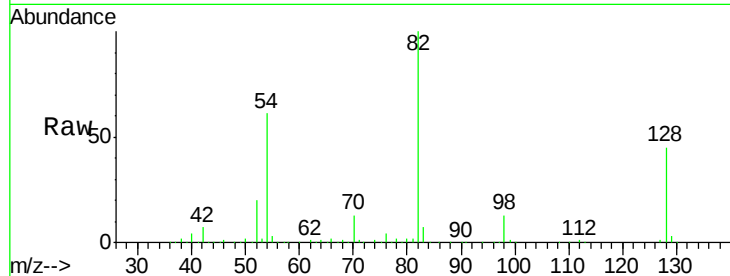




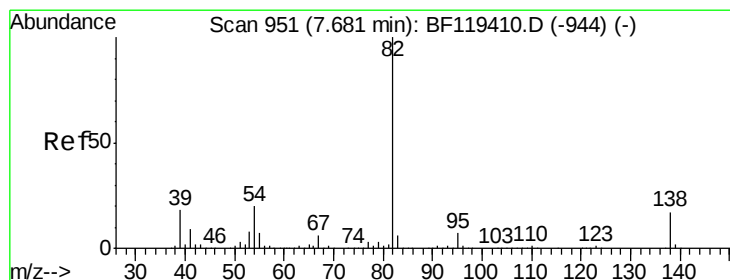
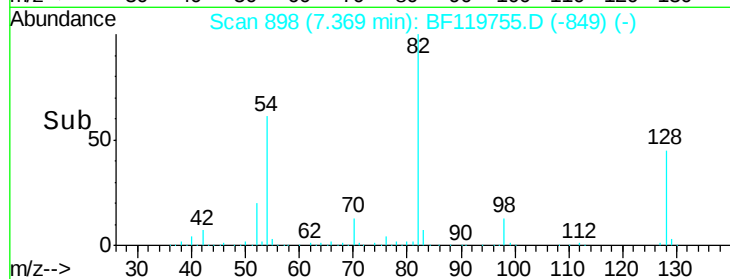
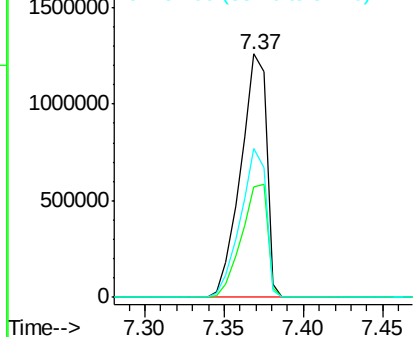
#23
Nitrobenzene-d5
Concen: 186.03 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tgt Ion: 82 Resp: 1419178
Ion Ratio Lower Upper
82 100
128 45.3 36.3 54.5
54 61.2 50.6 75.8

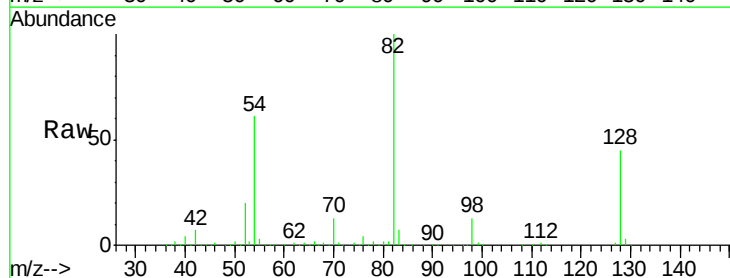


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

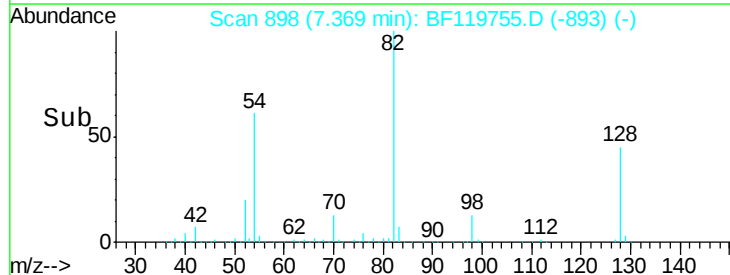
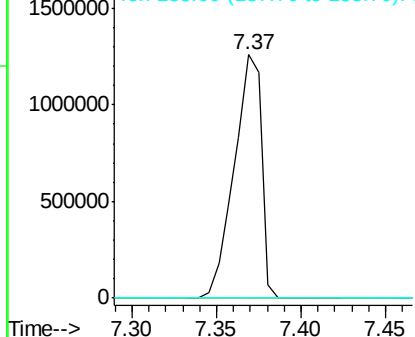


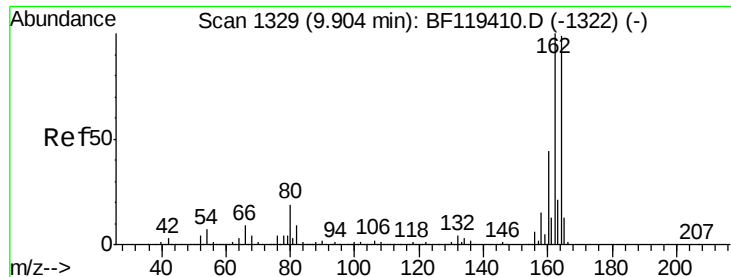
#25
Isophorone
Concen: 91.70 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Tgt Ion: 82 Resp: 1419161
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

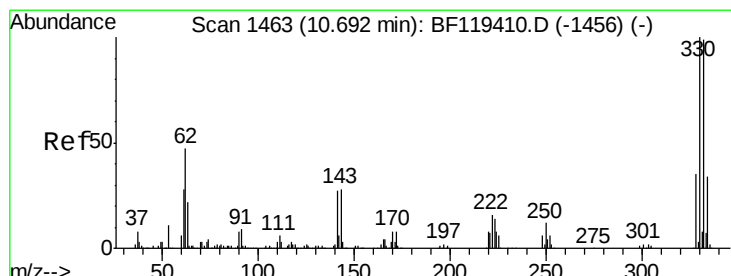
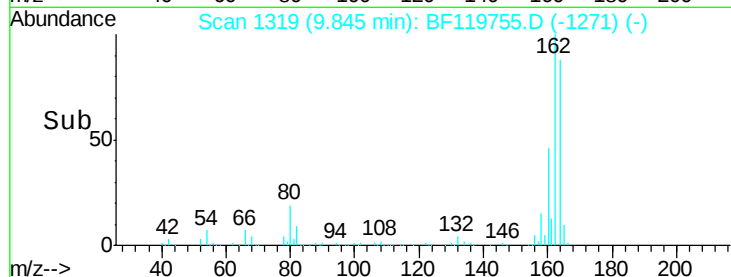
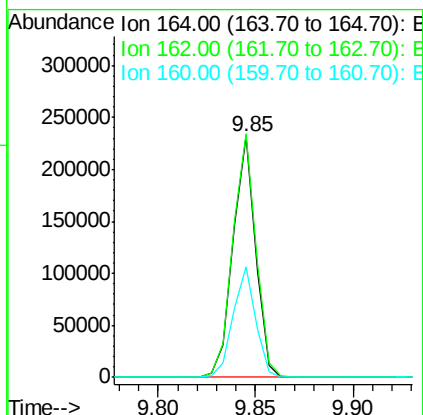
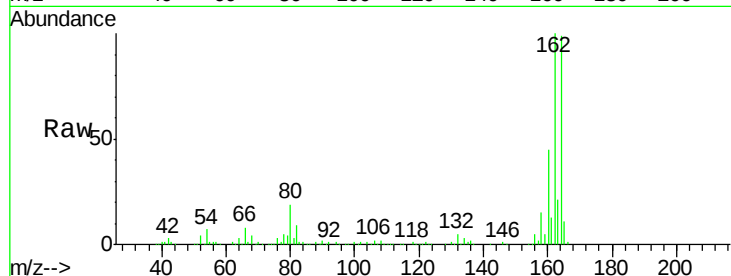




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

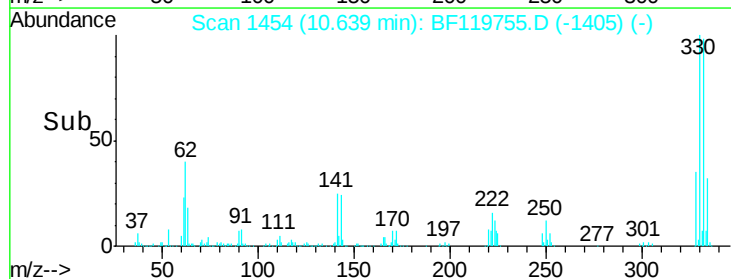
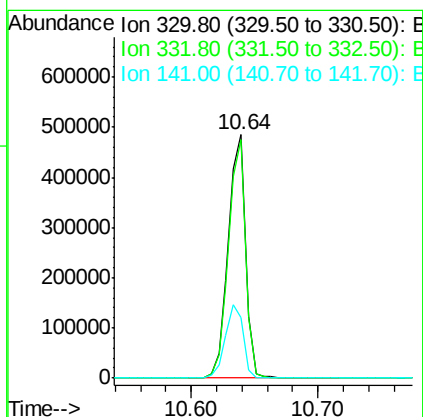
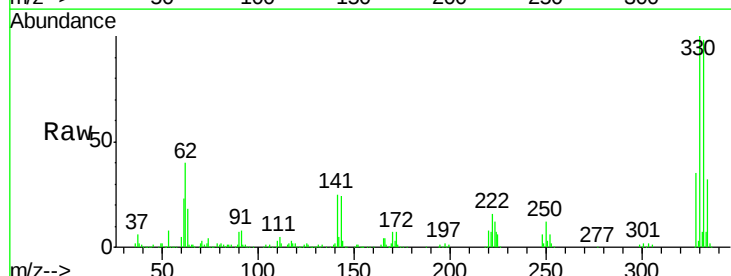
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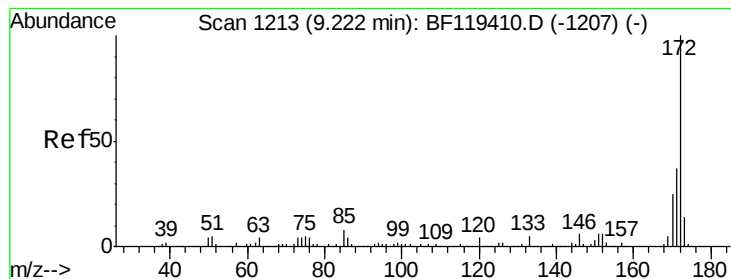
Tgt Ion:164 Resp: 186481
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.6 121.0
 160 45.7 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 238.84 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:330 Resp: 459494
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 31.1 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 187.01 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

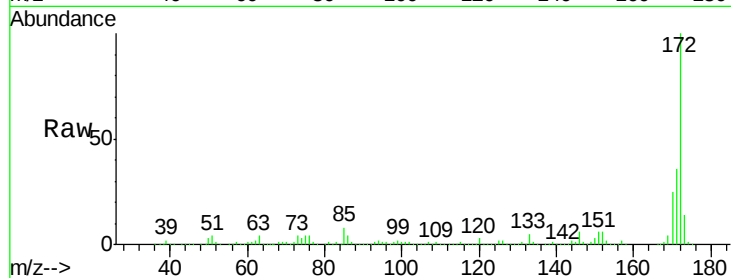
Tgt Ion:172 Resp: 2354049

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

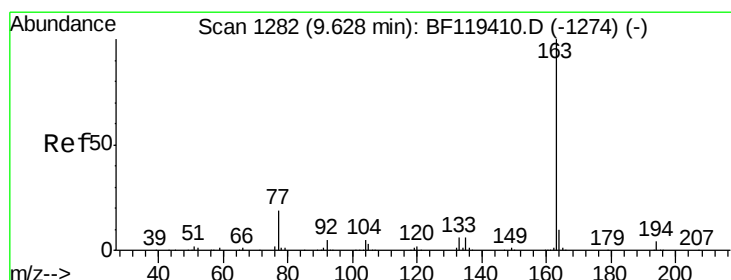
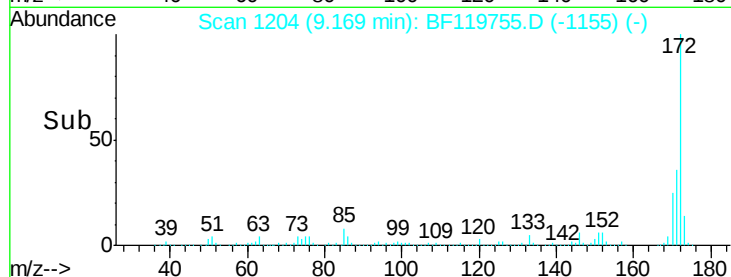
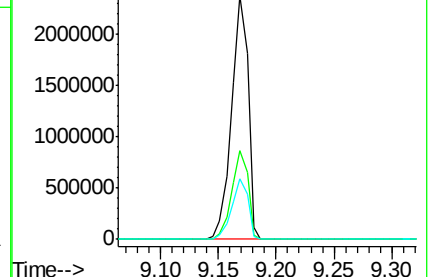
170 24.7 20.2 30.2



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: 19.65 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

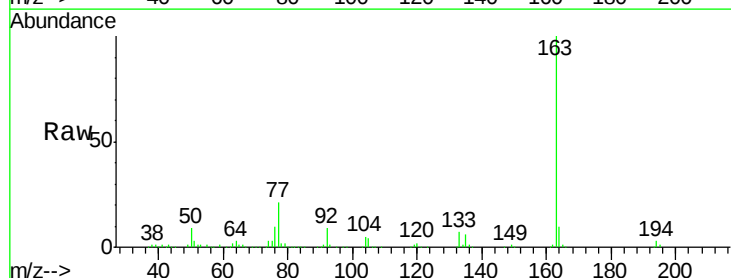
Tgt Ion:163 Resp: 260252

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

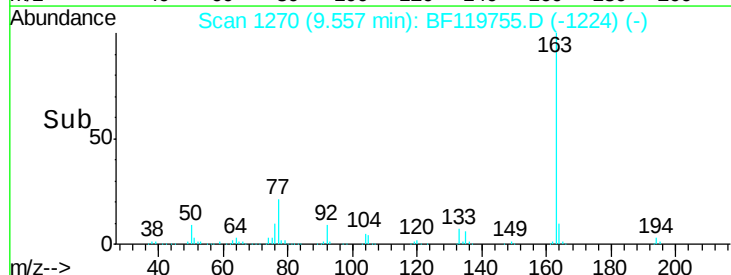
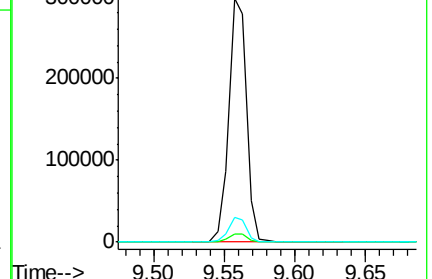
164 10.2 8.2 12.2

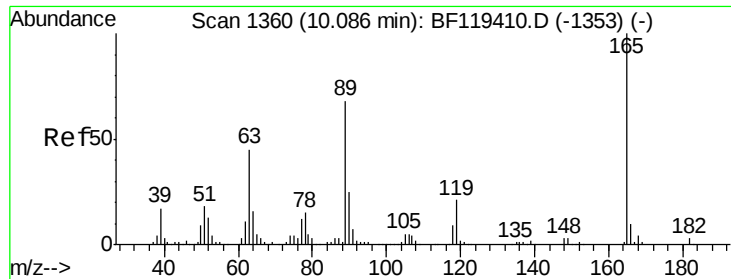


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

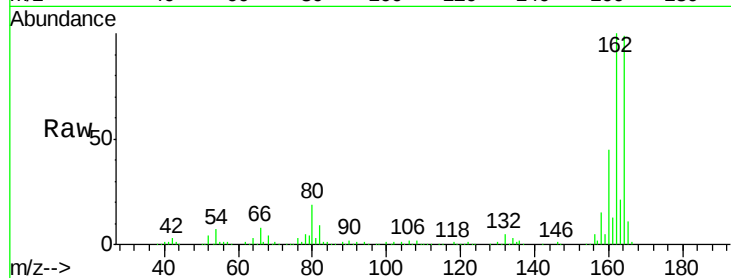




#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tgt Ion:	165	Resp:	23412
Ion Ratio	Lower	Upper	
165	100		
63	2.2	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

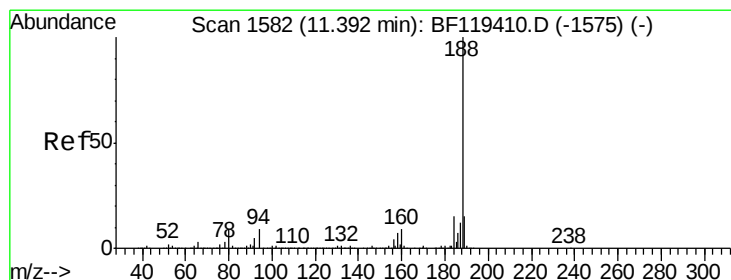
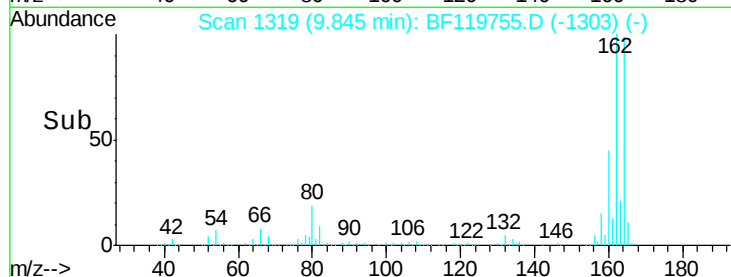
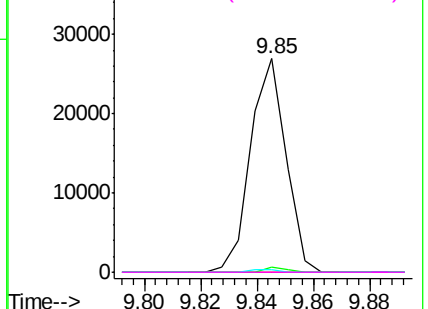


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

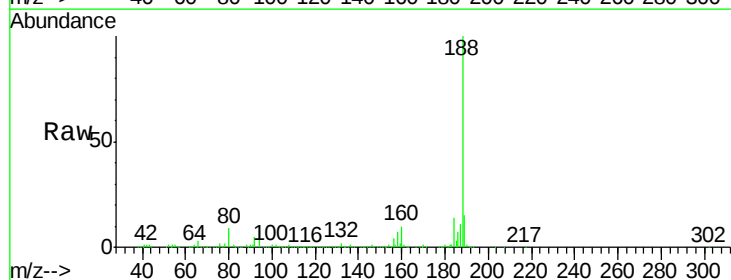
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119755.D
Acq: 4 Apr 2020 9:51

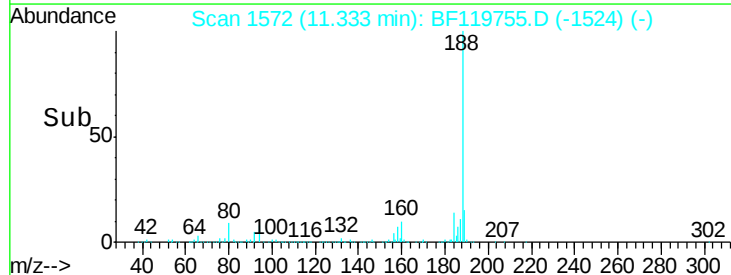
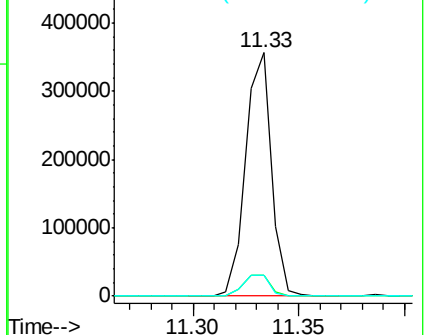
Tgt Ion:	188	Resp:	302701
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.5	11.3
80	8.6	9.0	13.4#

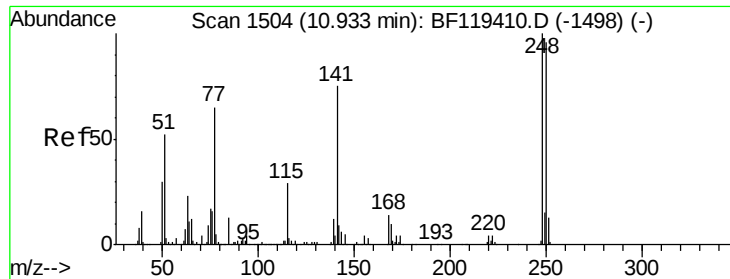


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

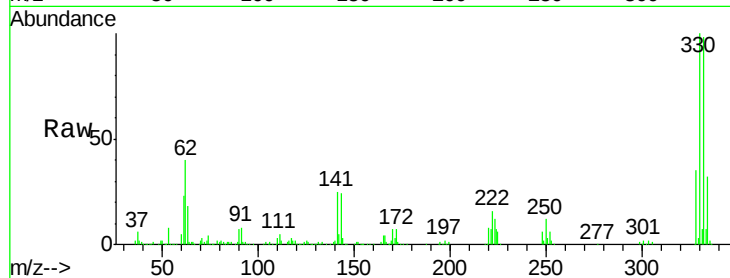




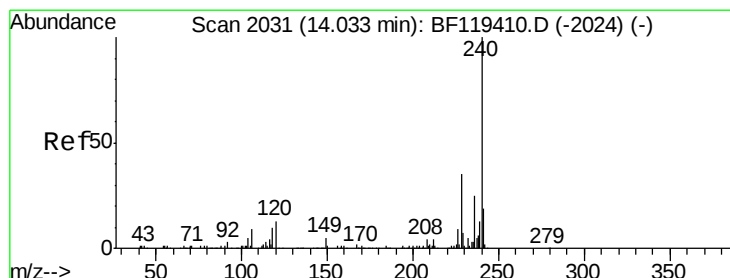
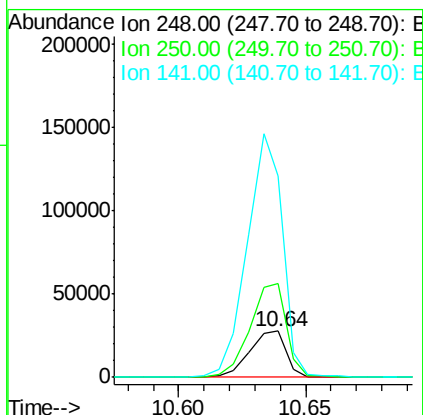
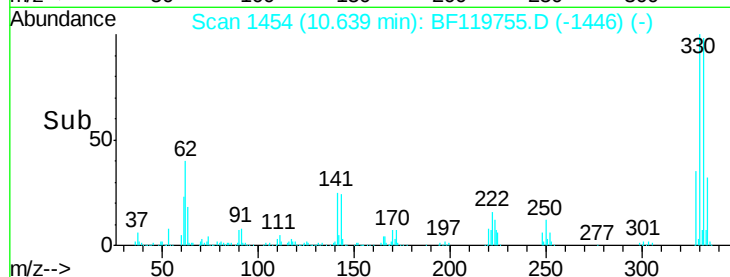
#67
 4-Bromophenyl-phenylether
 Concen: 8.09 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Tgt Ion:248 Resp: 27874
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.3 115.9#
 141 435.8 58.6 87.8#

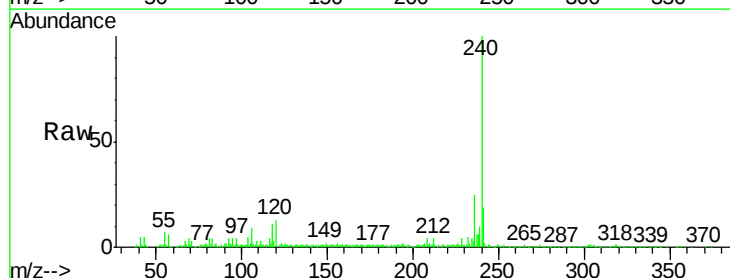


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

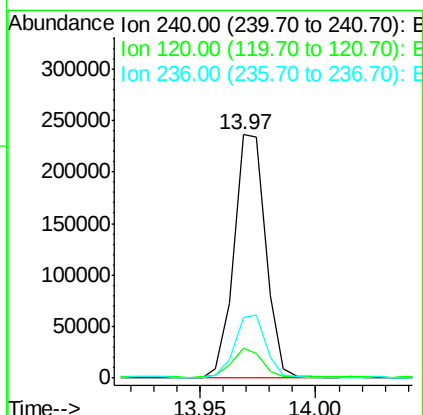
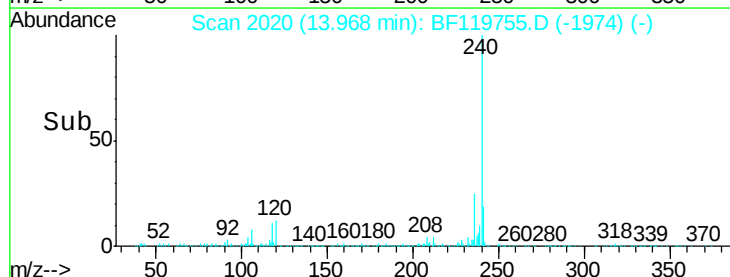


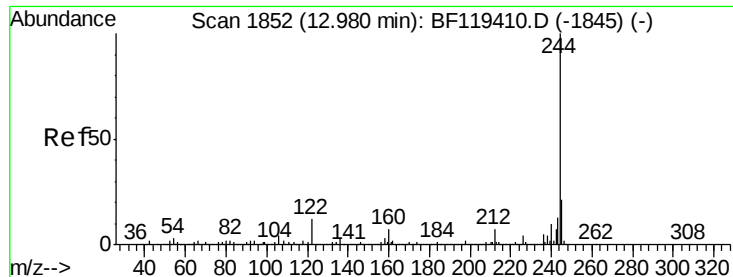
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:240 Resp: 226175
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.6 15.8
 236 24.8 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

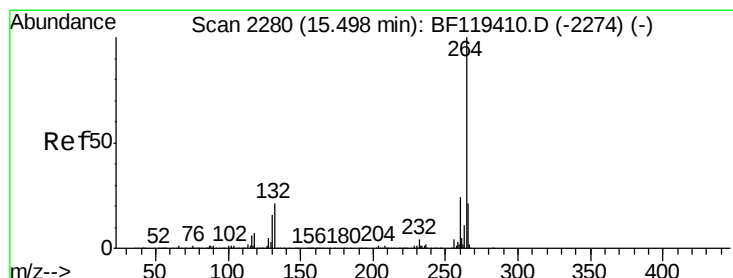
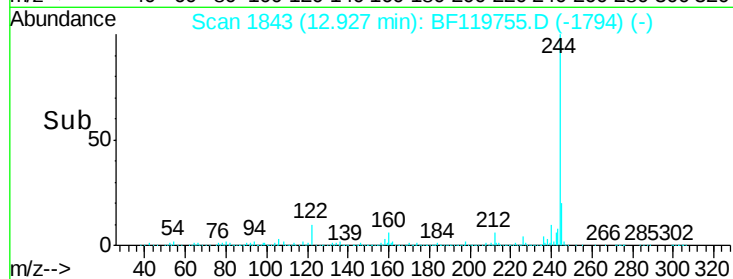
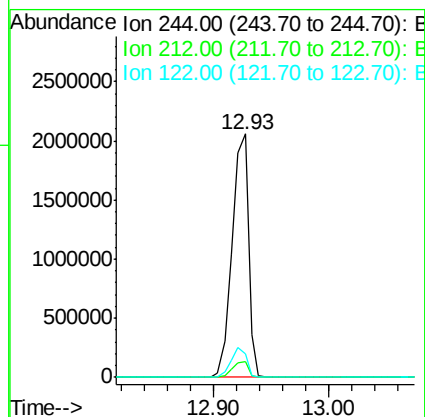
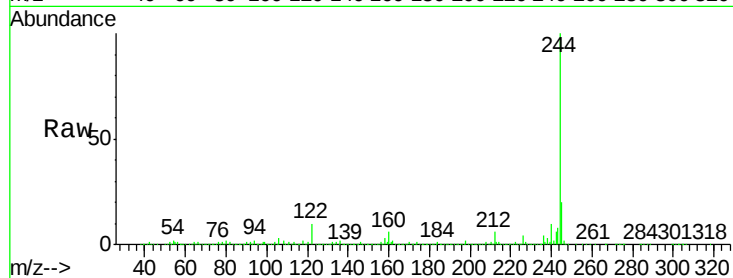




#79
 Terphenyl-d14
 Concen: 175.80 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

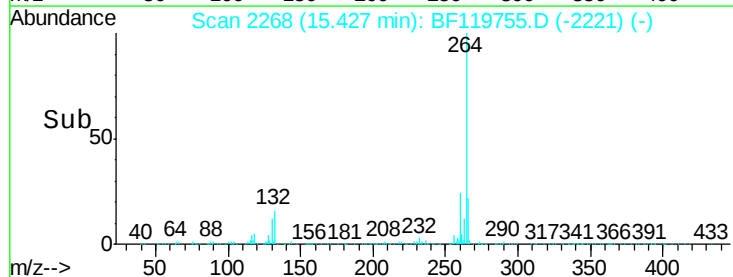
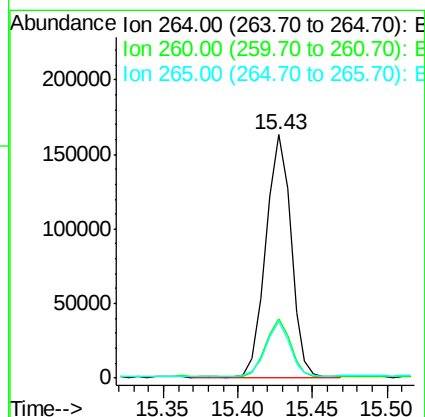
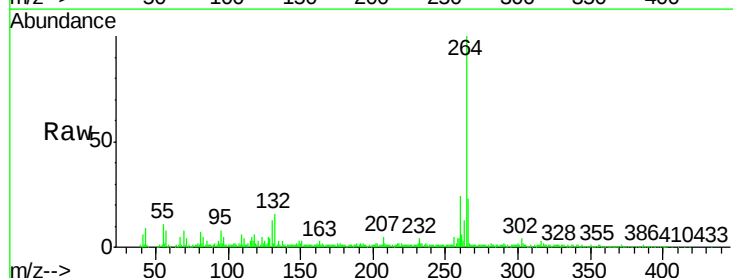
Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

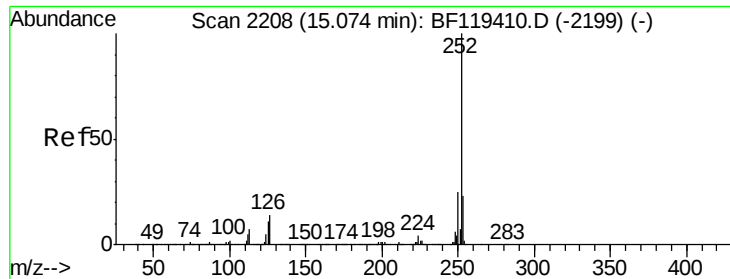
Tgt Ion:244 Resp: 2029487
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 9.7 10.3 15.5#



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF119755.D
 Acq: 4 Apr 2020 9:51

Tgt Ion:264 Resp: 189506
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 23.1 17.7 26.5





#88

Benzo(b)fluoranthene

Concen: 2.14 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

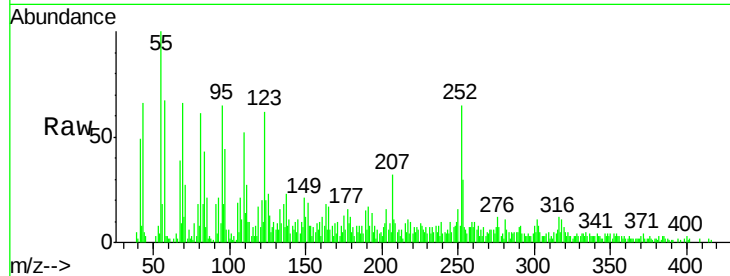
Tgt Ion:252 Resp: 27153

Ion Ratio Lower Upper

252 100

253 46.2 17.4 26.0#

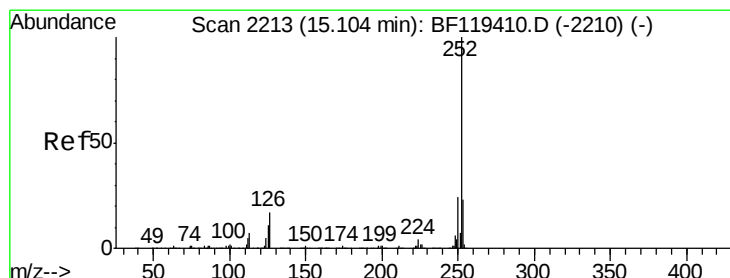
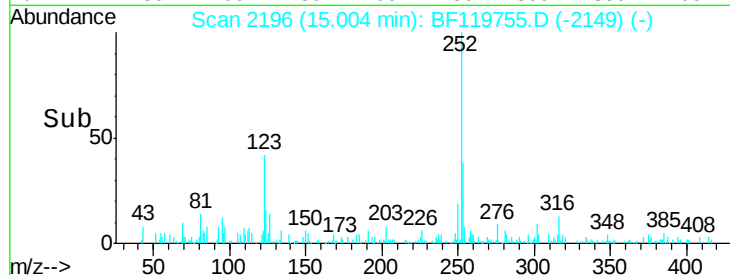
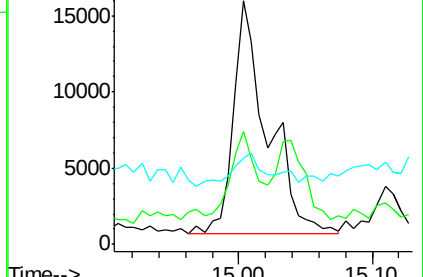
125 35.2 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.25 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.06 min

Lab File: BF119755.D

Acq: 4 Apr 2020 9:51

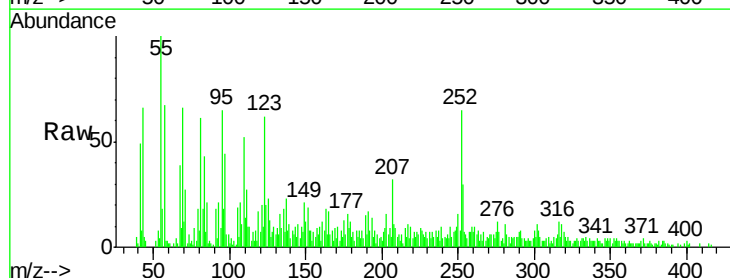
Tgt Ion:252 Resp: 27153

Ion Ratio Lower Upper

252 100

253 46.2 17.8 26.6#

125 35.2 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

