

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119693.D
 Acq On : 2 Apr 2020 3:30
 Operator : MA/SJ
 Sample : L2089-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(5-7)

Quant Time: Apr 02 04:38:01 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

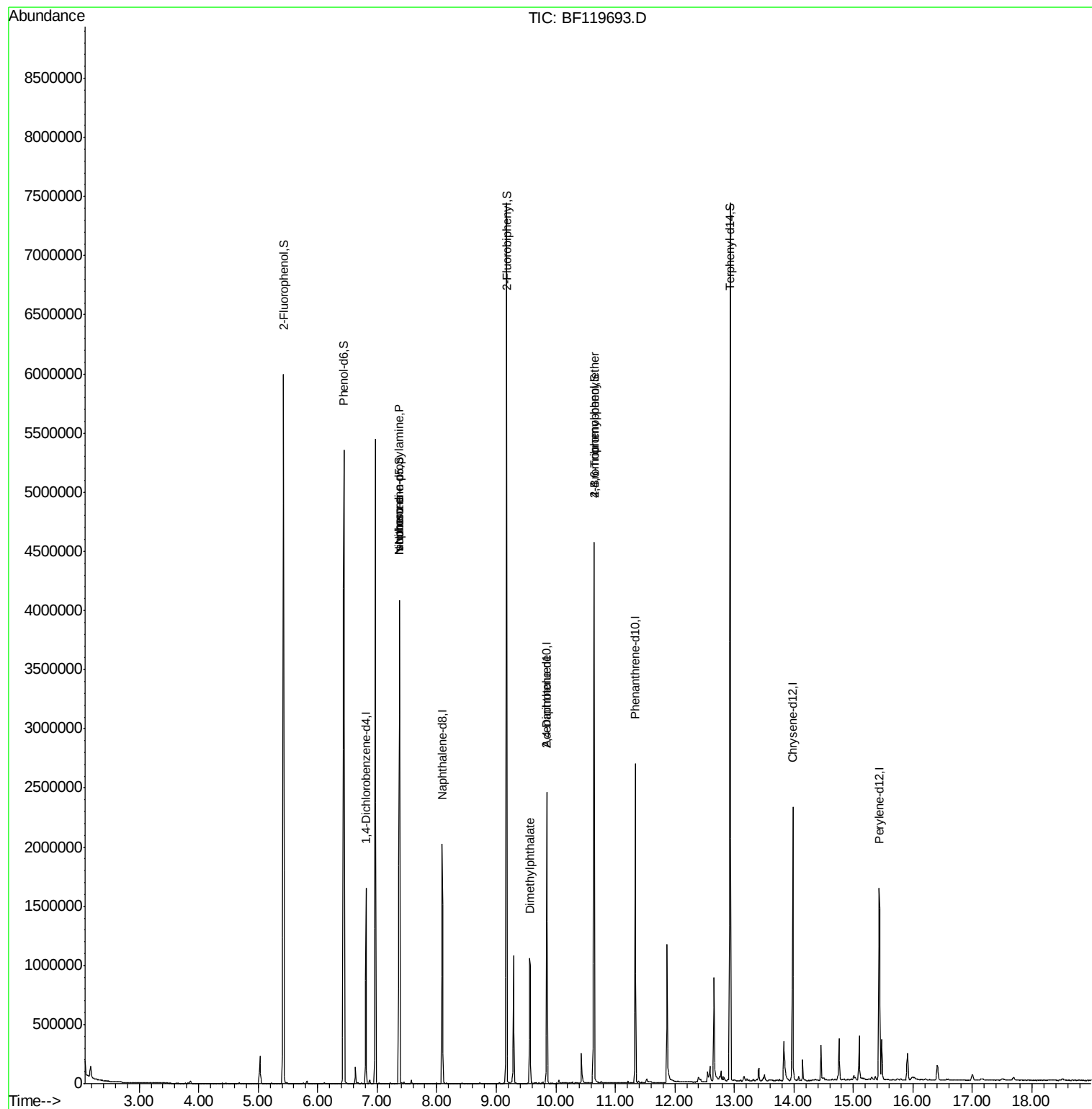
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	222632	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	876021	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	469621	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	945906	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	762106	20.00	ng	-0.02
87) Perylene-d12	15.43	264	753066	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1652838	118.18	ng	0.01
7) Phenol-d6	6.44	99	2154347	120.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	1333554	82.73	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	665031	137.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2496594	78.76	ng	0.00
79) Terphenyl-d14	12.93	244	2845574	73.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	173555	16.12	ng	# 74
25) Isophorone	7.37	82	1333522	40.78	ng	# 65
50) Dimethylphthalate	9.57	163	441368	13.23	ng	99
57) 2,4-Dinitrotoluene	9.85	165	60518	6.72	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	39091	3.63	ng	# 1

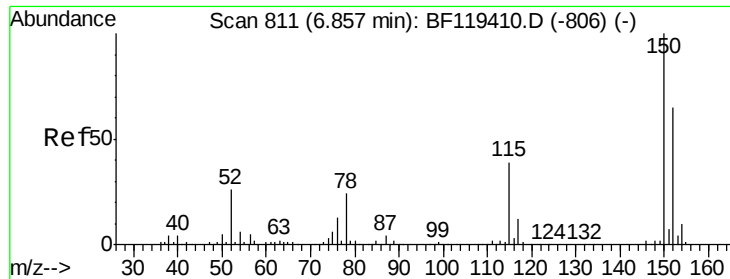
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)

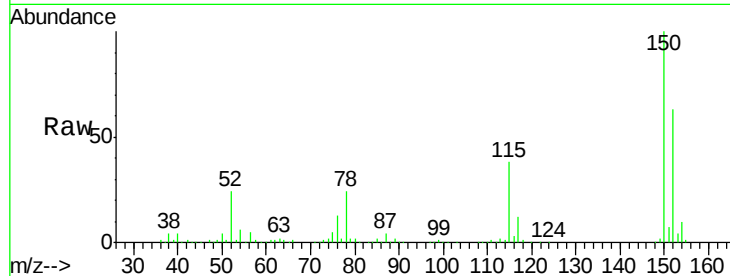
Tgt Ion:152 Resp: 222632

Ion Ratio Lower Upper

152 100

150 159.0 124.5 186.7

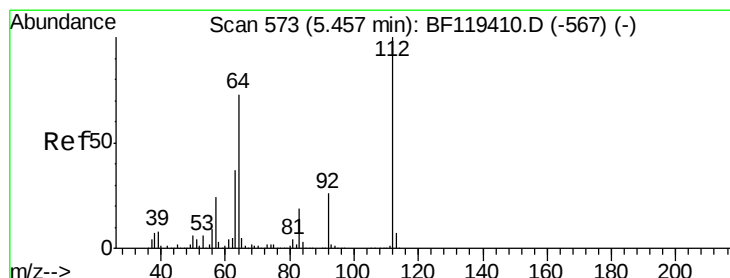
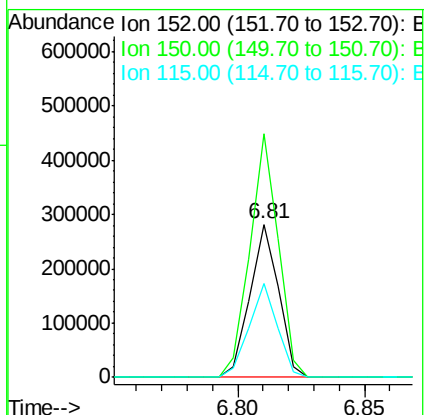
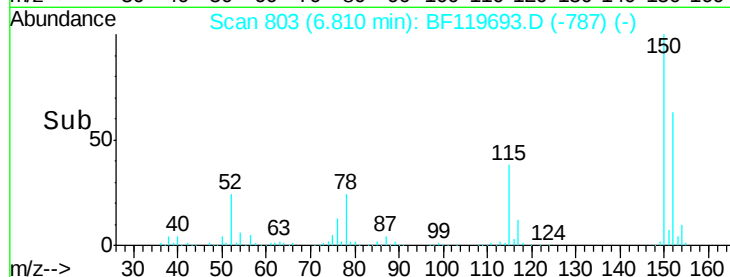
115 60.9 49.6 74.4



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: 118.18 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

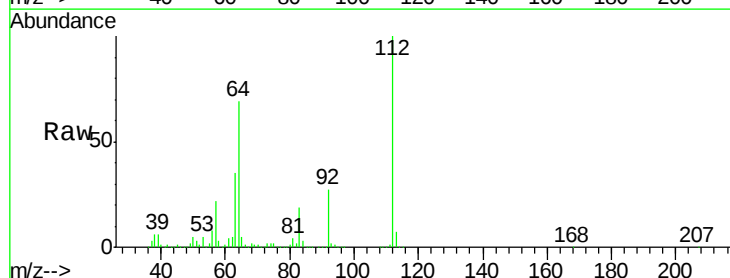
Tgt Ion:112 Resp: 1652838

Ion Ratio Lower Upper

112 100

64 69.2 56.7 85.1

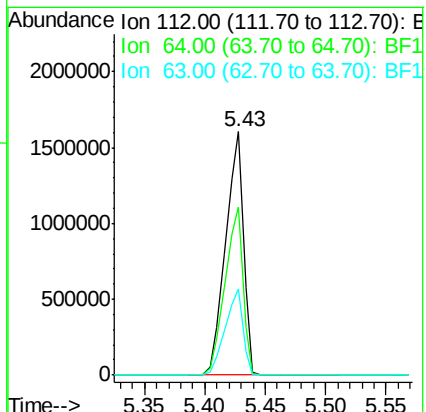
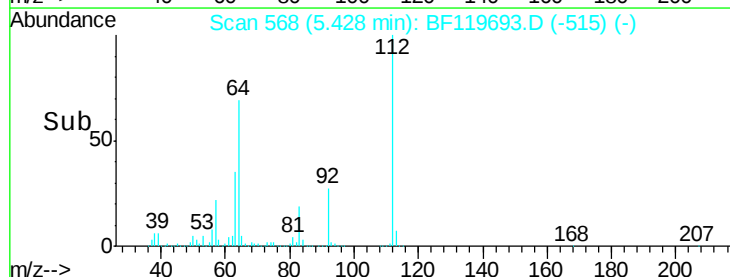
63 35.4 29.5 44.3

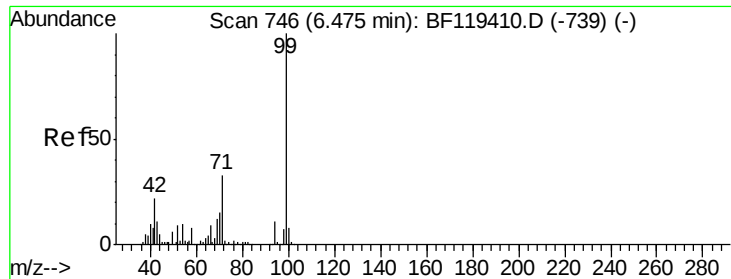


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.59 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)

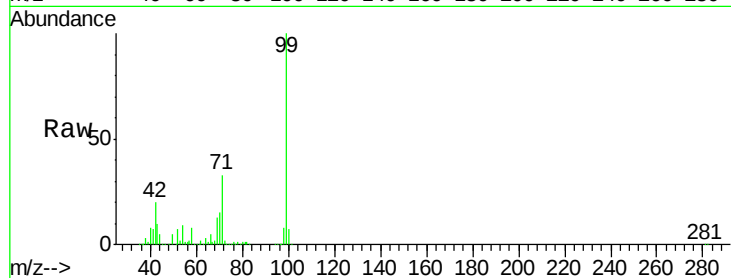
Tgt Ion: 99 Resp: 2154347

Ion Ratio Lower Upper

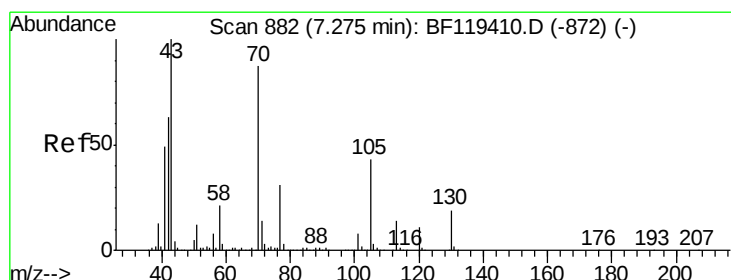
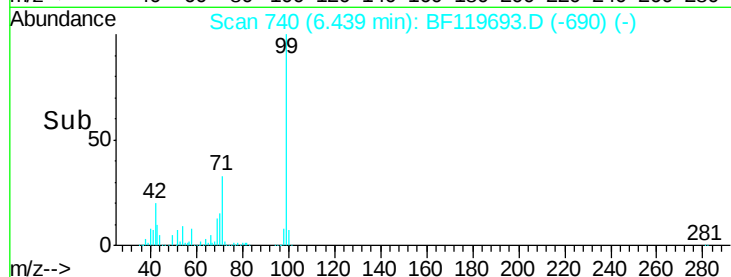
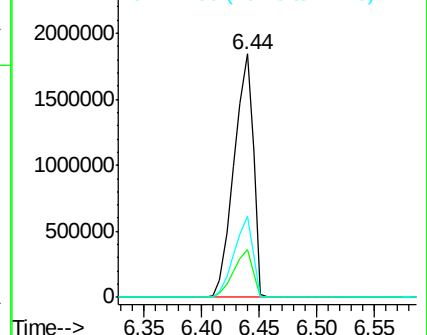
99 100

42 19.8 16.6 24.8

71 33.4 26.4 39.6



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: 16.12 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

Tgt Ion: 70 Resp: 173555

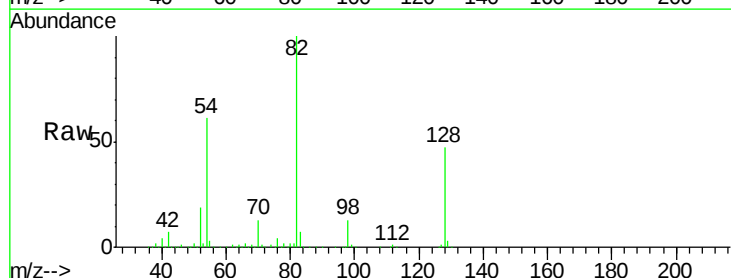
Ion Ratio Lower Upper

70 100

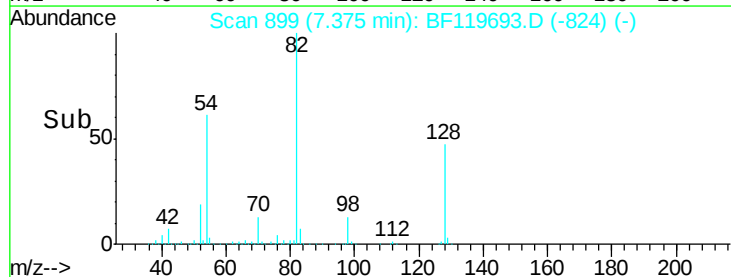
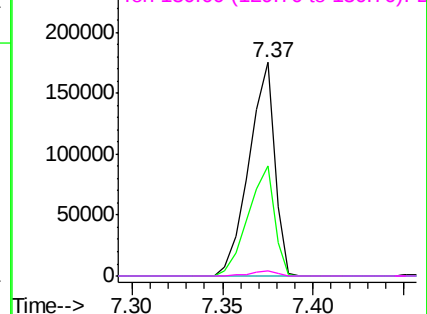
42 51.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.5 17.6 26.4#



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

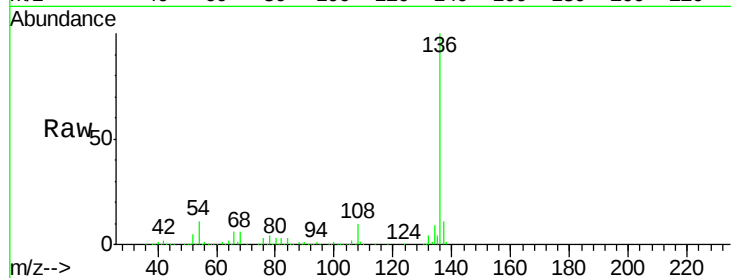




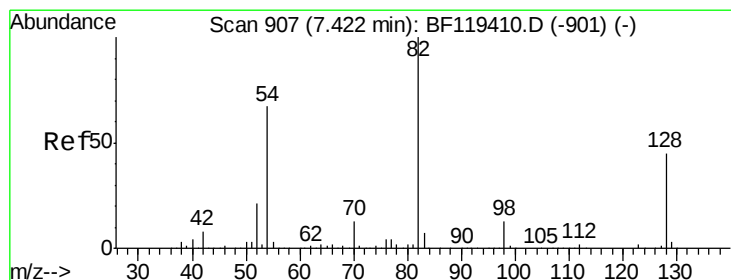
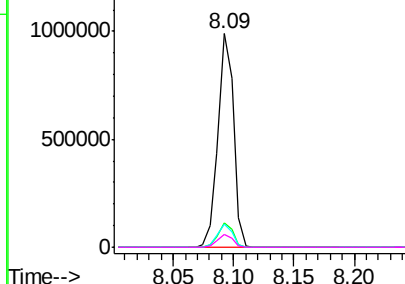
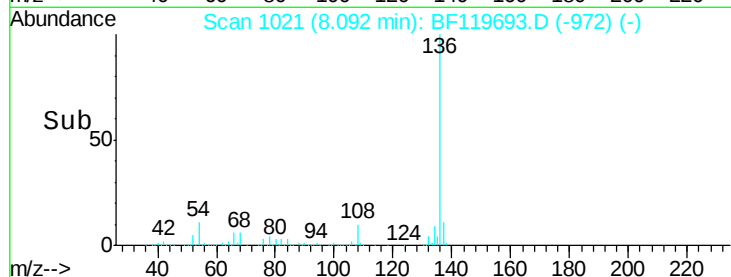
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)

Tgt Ion:	136	Resp:	876021
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.0	9.1	13.7
68	6.3	4.6	6.8

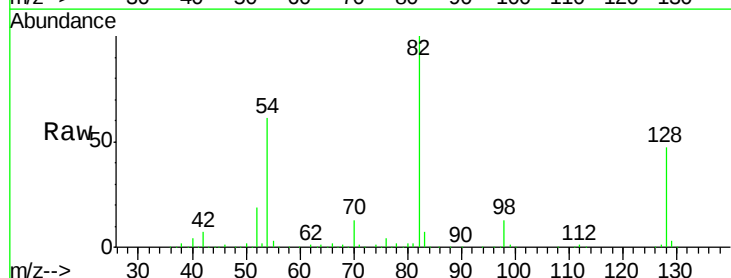


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

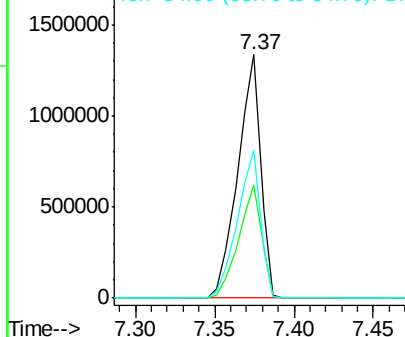
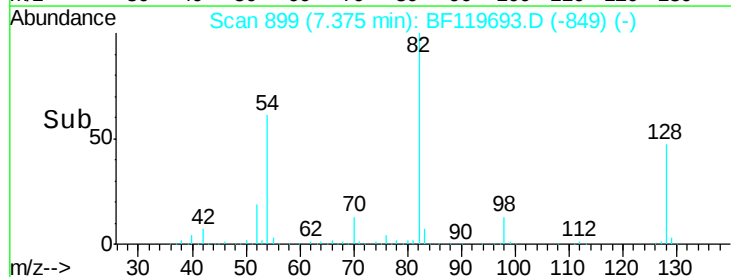


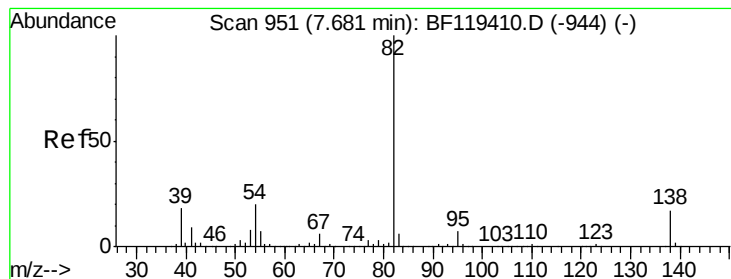
#23
Nitrobenzene-d5
Concen: 82.73 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

Tgt Ion:	82	Resp:	1333554
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	60.7	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: 40.78 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)

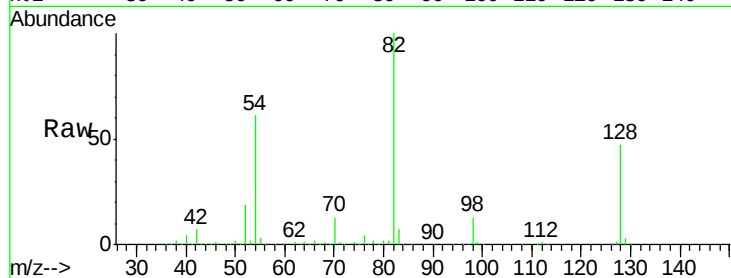
Tgt Ion: 82 Resp: 1333522

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

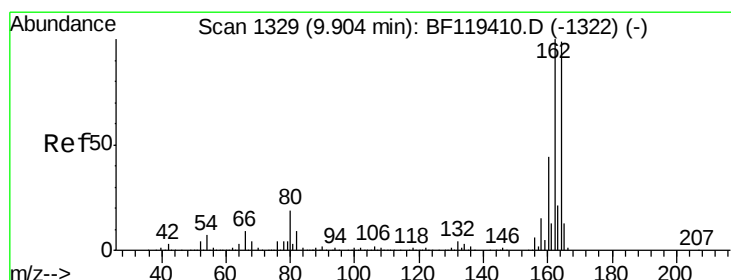
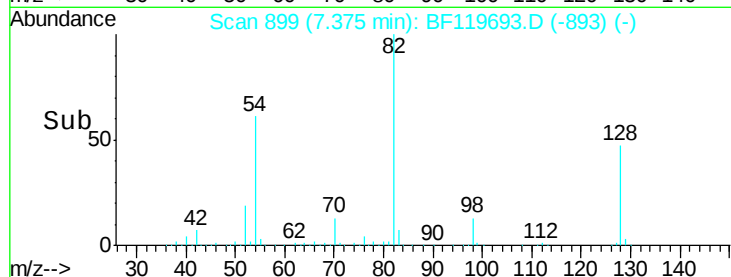
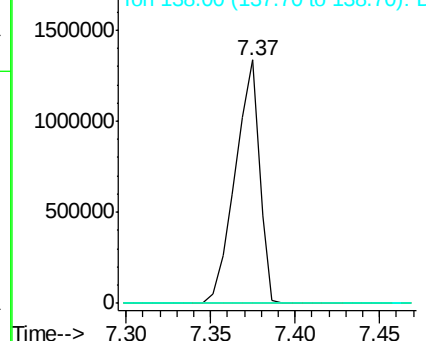
138 0.0 14.6 21.8#



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# 1320

Delta R.T. -0.01 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

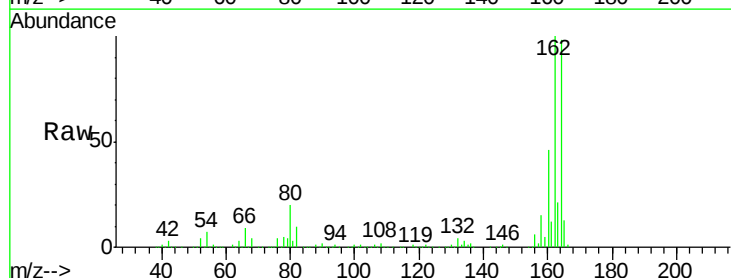
Tgt Ion: 164 Resp: 469621

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

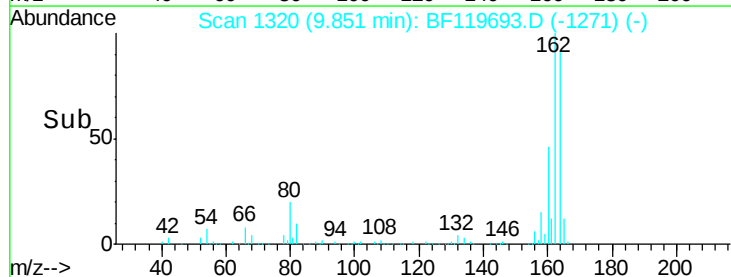
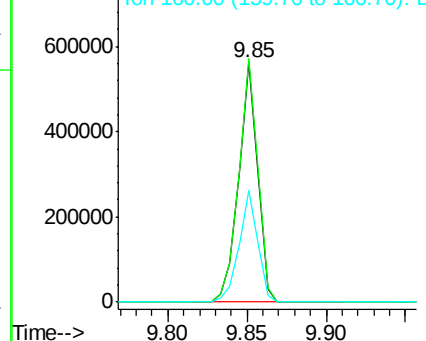
160 46.8 35.7 53.5

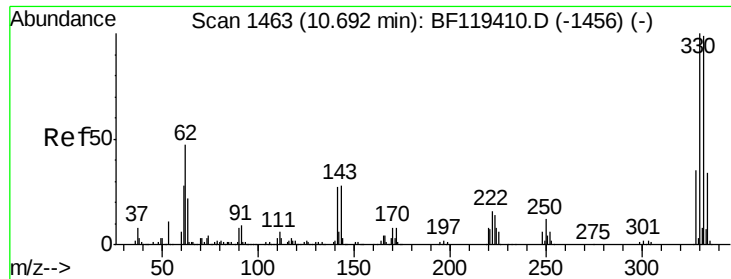


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

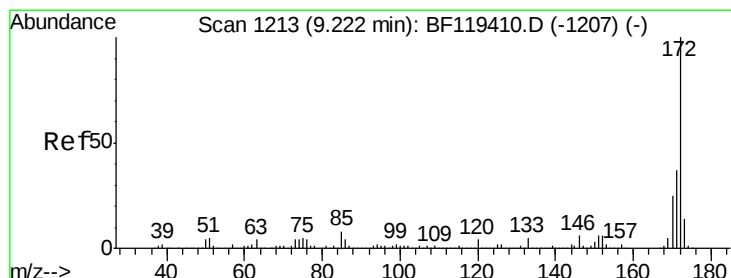
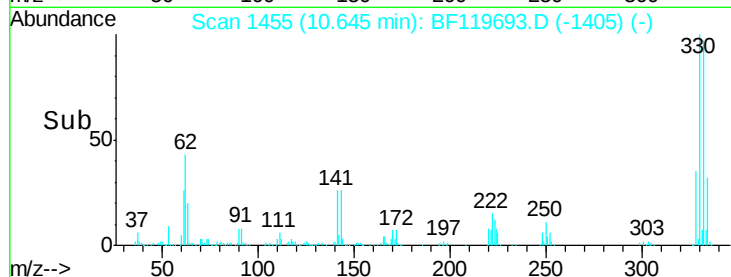
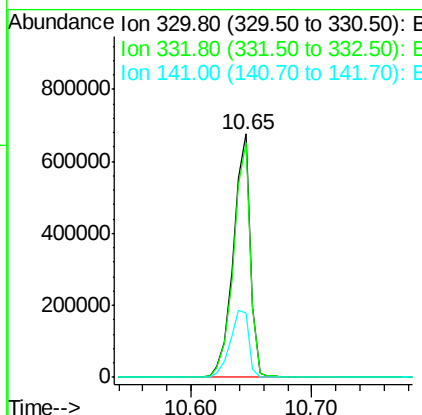
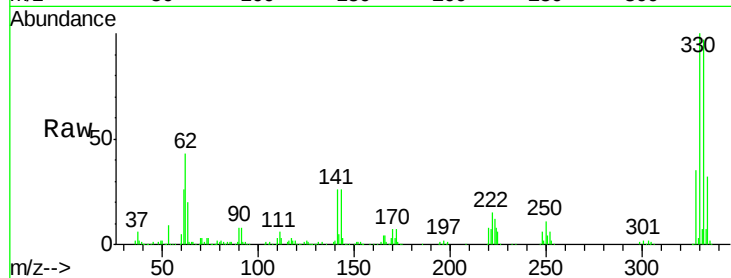




#42
 2,4,6-Tribromophenol
 Concen: 137.26 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119693.D
 Acq: 2 Apr 2020 3:30

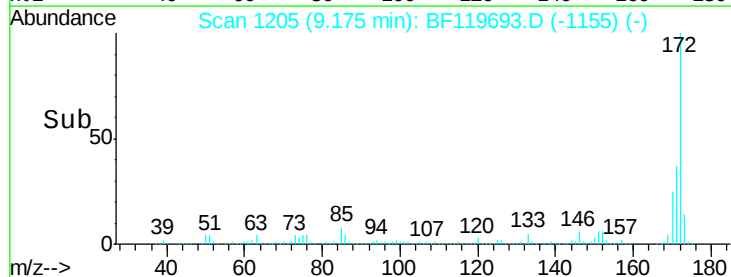
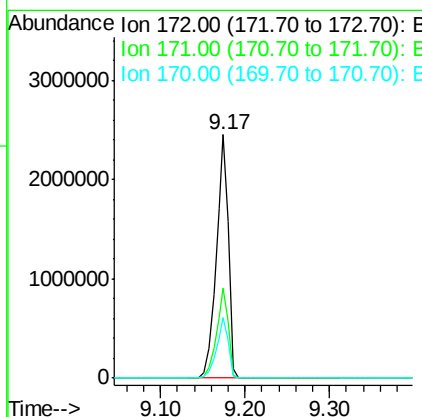
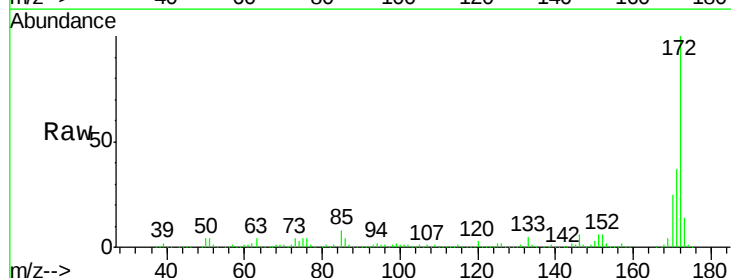
Instrument :
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 SB-3J-(5-7)

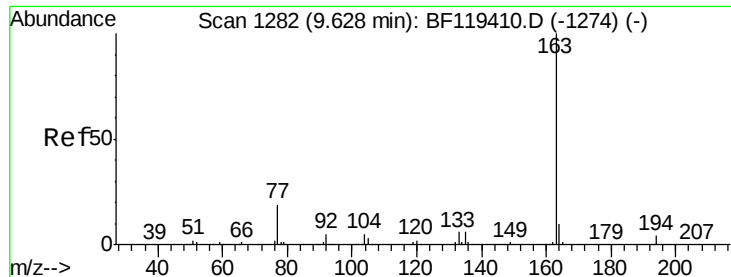
Tgt Ion:330 Resp: 665031
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 30.2 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 78.76 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119693.D
 Acq: 2 Apr 2020 3:30

Tgt Ion:172 Resp: 2496594
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.8 20.2 30.2

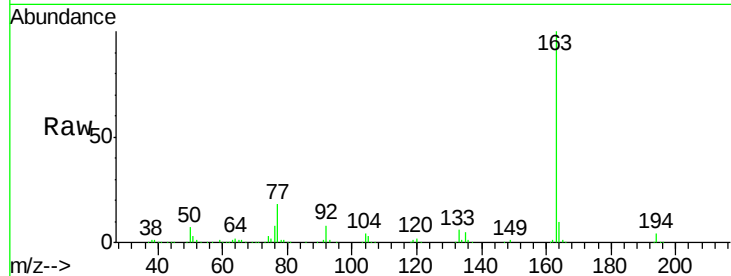




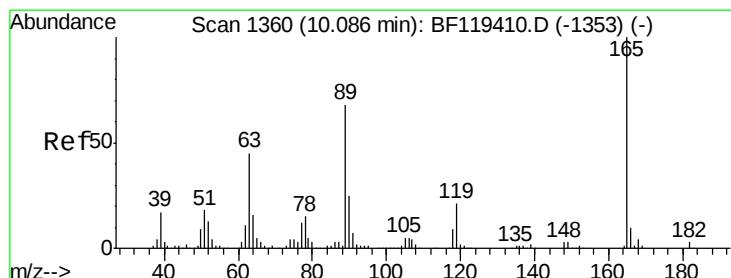
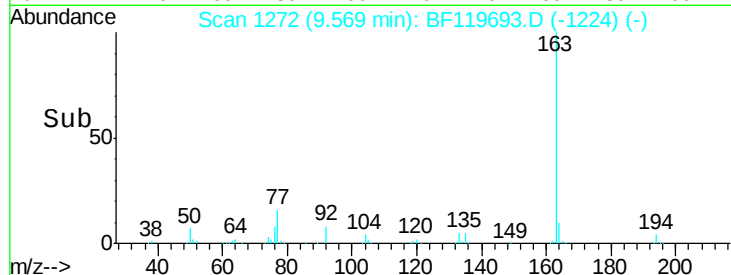
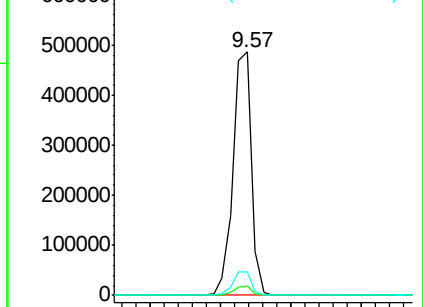
#50
Dimethylphthalate
Concen: 13.23 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

Instrument :
BNA_F
ClientSampleId :
SB-3J-(5-7)

Tgt Ion:163 Resp: 441368
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.5 8.2 12.2

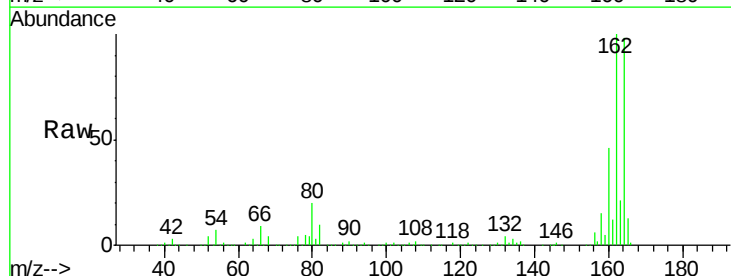


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

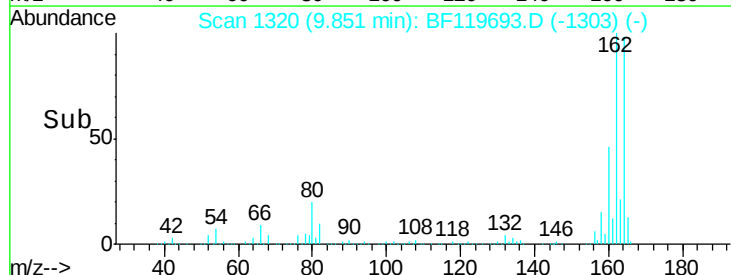
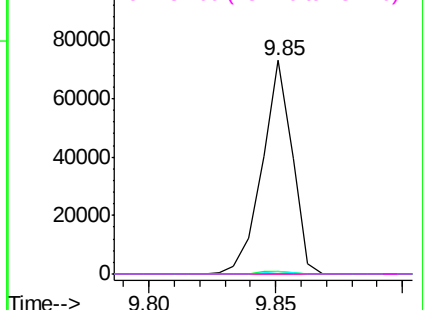


#57
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.20 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

Tgt Ion:165 Resp: 60518
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 1.4 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

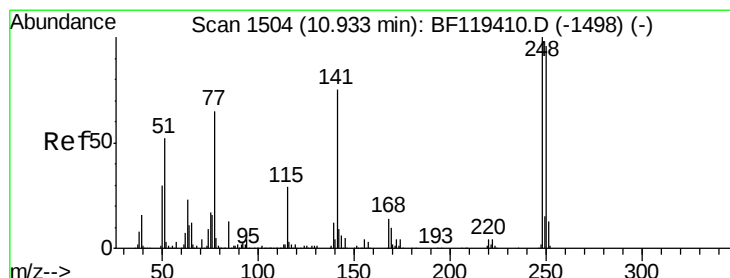
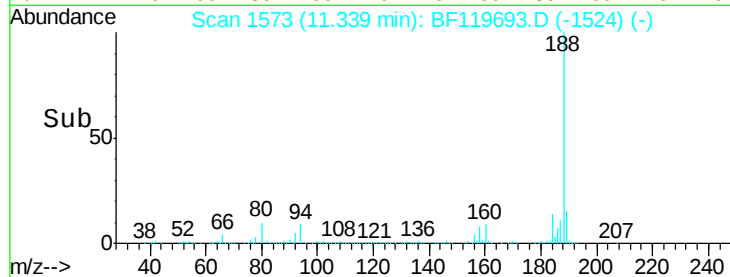
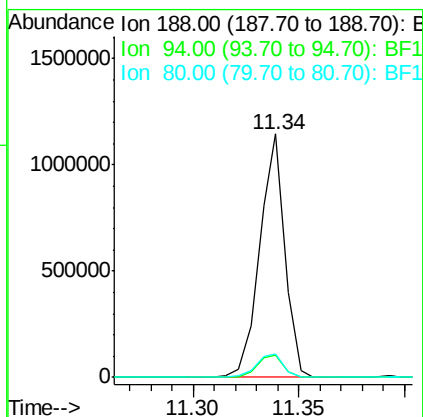
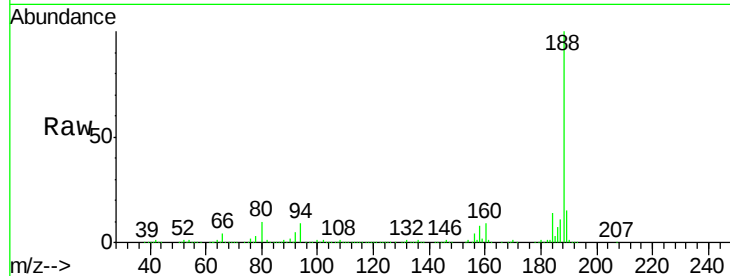




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF119693.D
 Acq: 2 Apr 2020 3:30

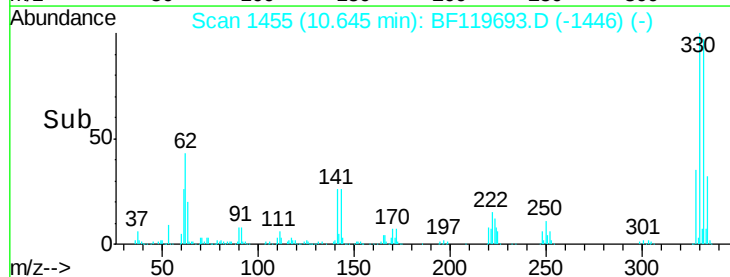
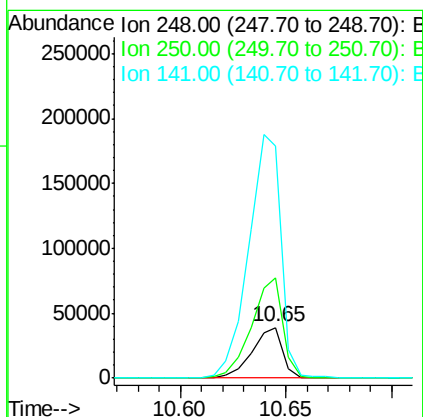
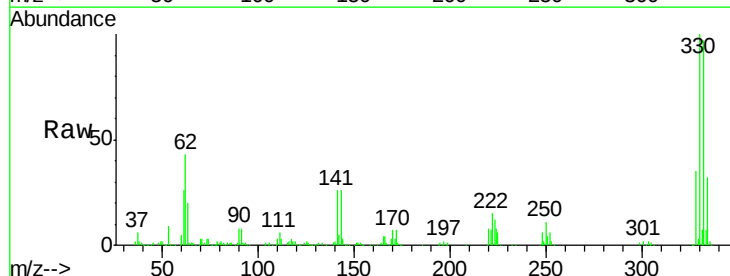
Instrument :
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 SB-3J-(5-7)

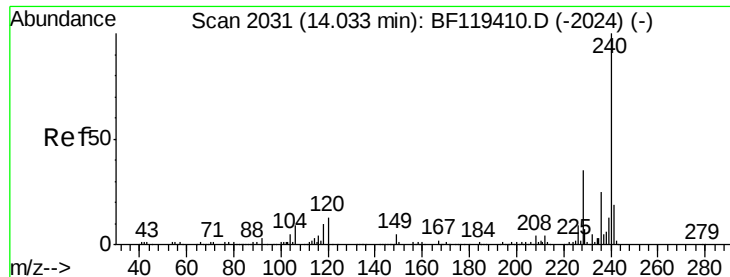
Tgt Ion:188 Resp: 945906
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.5 11.3
 80 9.5 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.63 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF119693.D
 Acq: 2 Apr 2020 3:30

Tgt Ion:248 Resp: 39091
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.3 115.9#
 141 458.2 58.6 87.8#

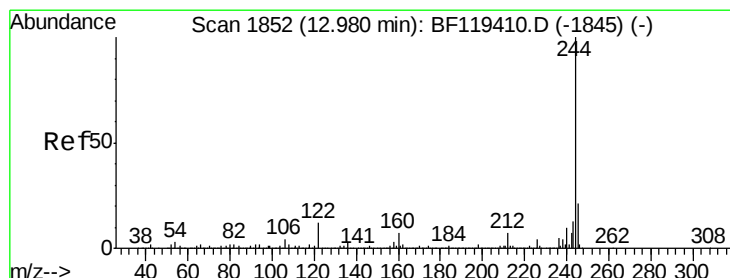
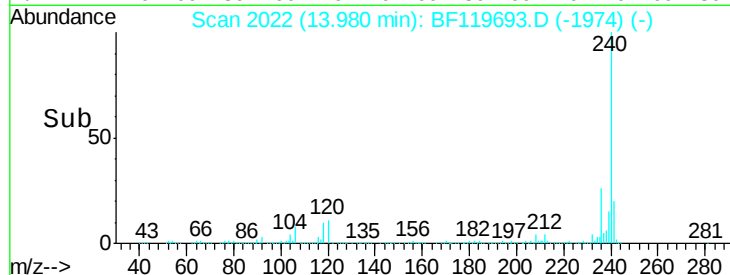
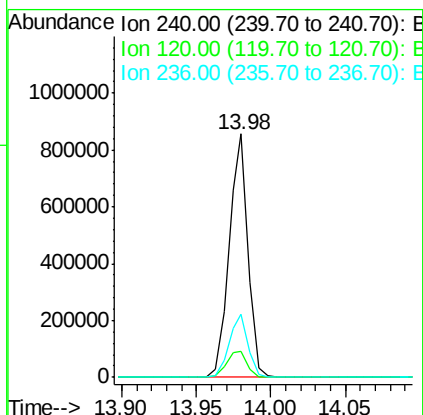
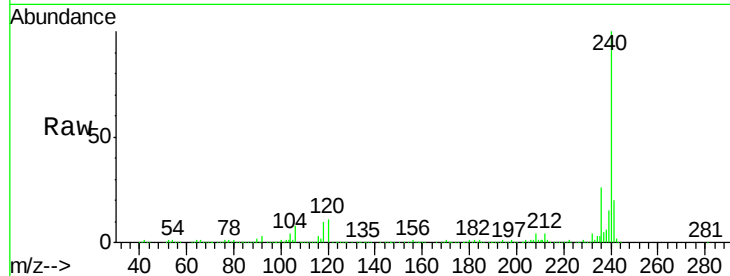




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

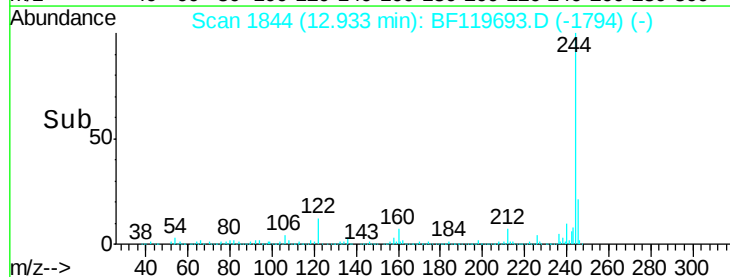
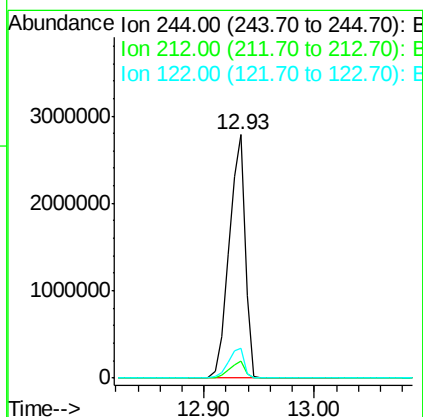
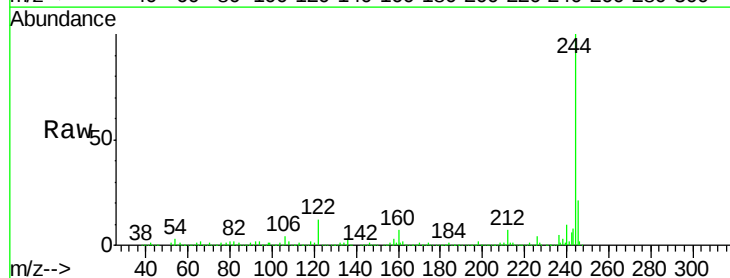
Instrument :
BNA_F
ClientSampled :
SB-3J-(5-7)

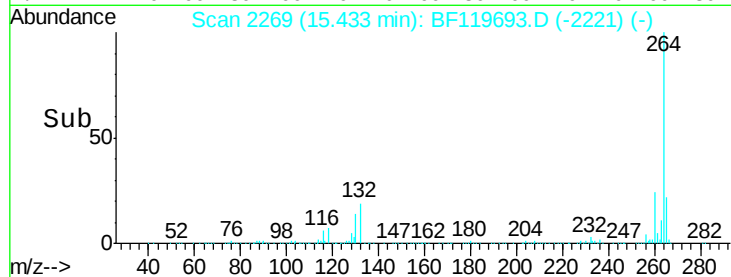
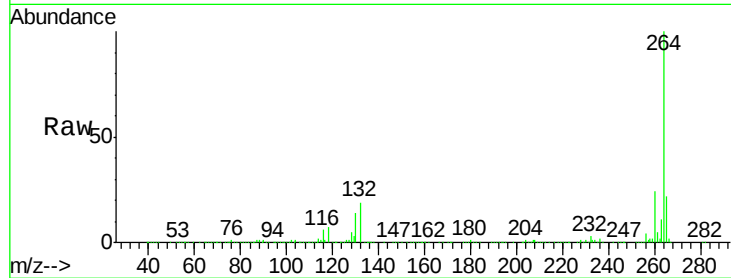
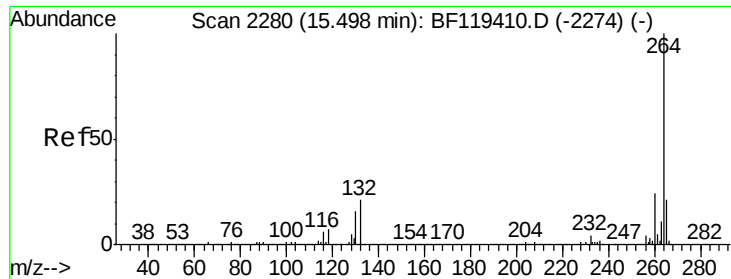
Tgt Ion:240 Resp: 762106
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 73.15 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119693.D
Acq: 2 Apr 2020 3:30

Tgt Ion:244 Resp: 2845574
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.1 10.3 15.5





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119693.D

Acq: 2 Apr 2020 3:30

Instrument :

BNA_F

ClientSampleId :

SB-3J-(5-7)

Tgt Ion:264 Resp: 753066

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.1 17.7 26.5

