

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119554.D
 Acq On : 27 Mar 2020 8:15
 Operator : CG/JU
 Sample : L2037-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Quant Time: Mar 27 10:28:11 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

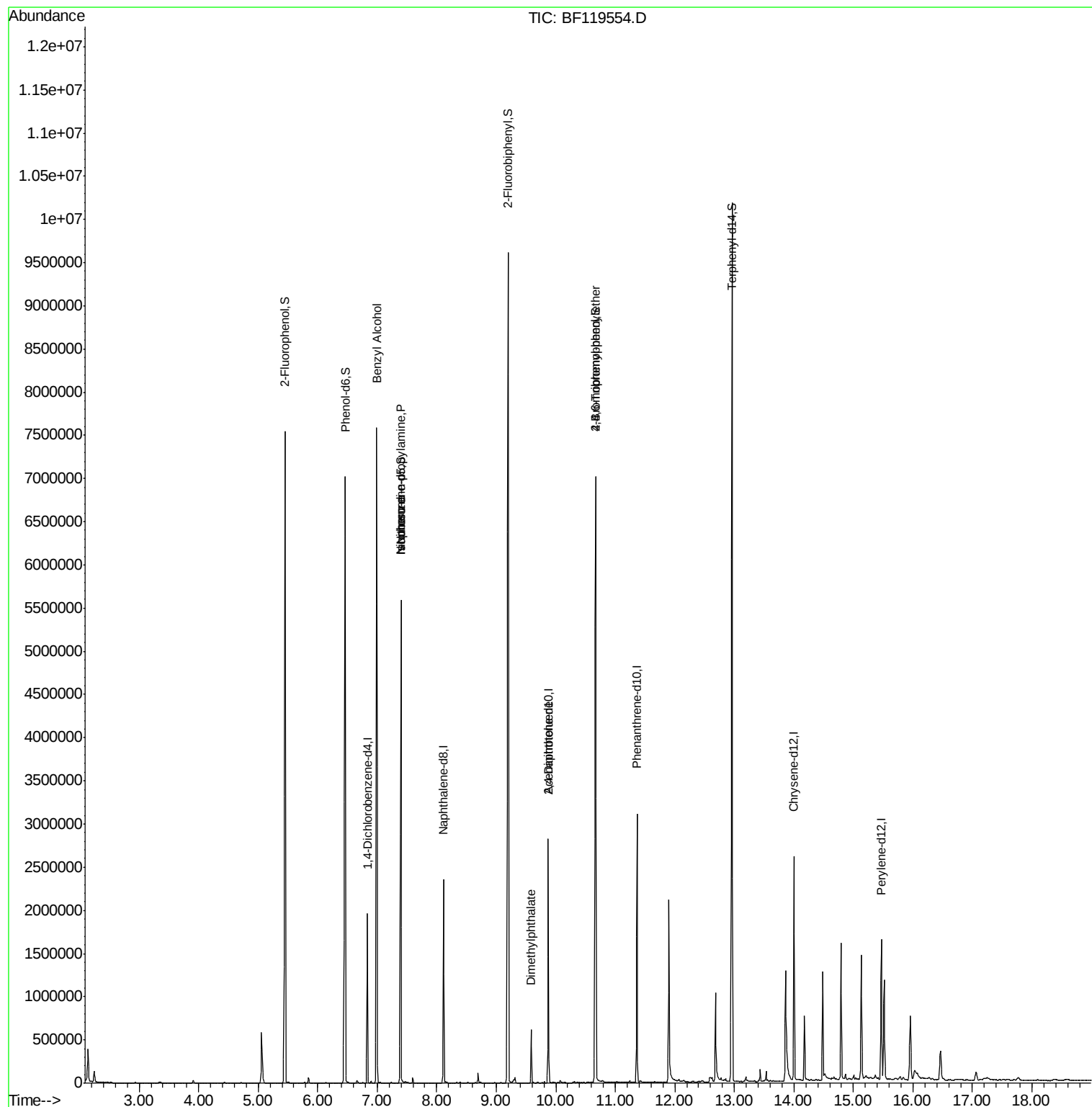
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	264670	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1005142	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	549166	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1086050	20.00	ng	0.00
76) Chrysene-d12	14.00	240	842927	20.00	ng	-0.01
87) Perylene-d12	15.47	264	727380	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2345848	141.10	ng	0.01
7) Phenol-d6	6.46	99	2974514	140.05	ng	0.00
23) Nitrobenzene-d5	7.40	82	1888452	102.11	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	929270	164.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3539113	95.47	ng	0.00
79) Terphenyl-d14	12.96	244	4059661	94.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.99	79	32923	2.061	ng	# 52
19) n-Nitroso-di-n-propylamine	7.40	70	253273	19.785	ng	# 75
25) Isophorone	7.40	82	1876428	50.016	ng	# 65
50) Dimethylphthalate	9.59	163	225483	5.781	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	71904	6.827	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	55960	4.524	ng	# 1

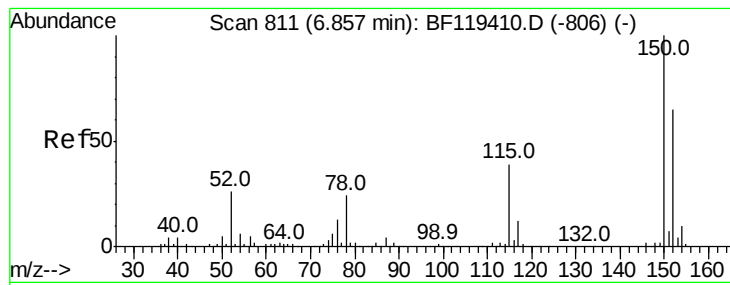
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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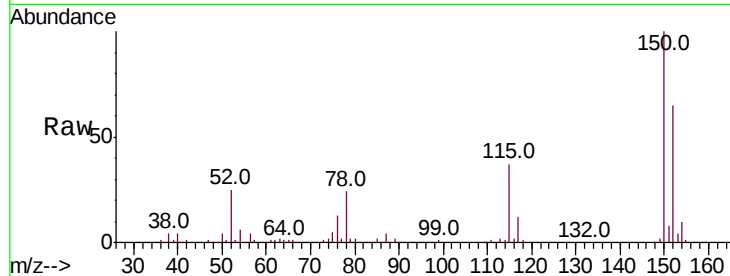


#1

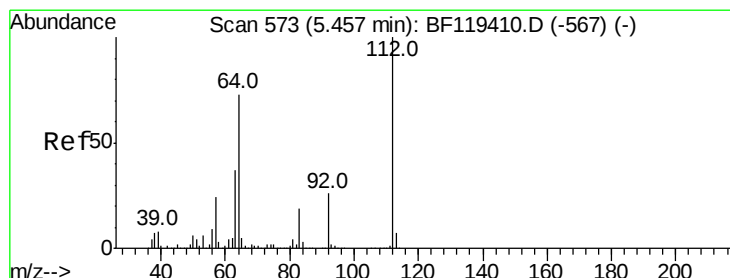
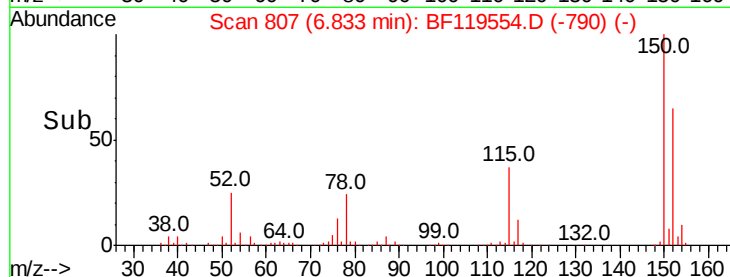
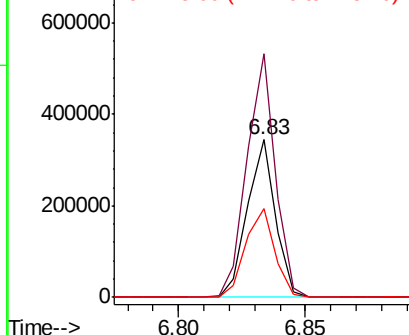
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:152 Resp: 264670
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.5 186.7
 115 56.5 49.6 74.4



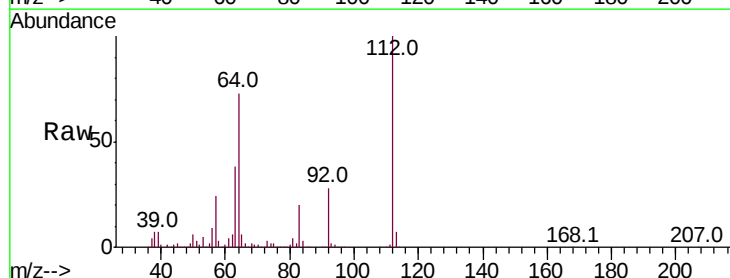
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



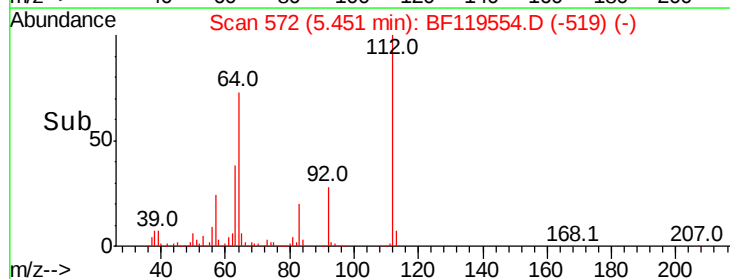
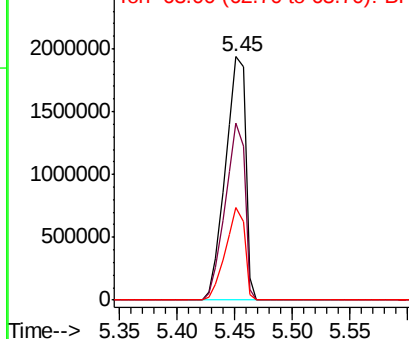
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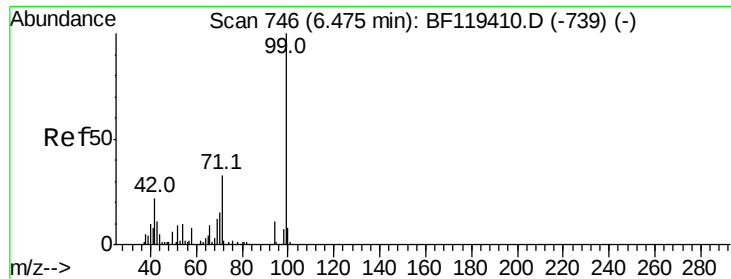
2-Fluorophenol
 Concen: 141.095 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Tgt Ion:112 Resp: 2345848
 Ion Ratio Lower Upper
 112 100
 64 72.6 56.7 85.1
 63 37.8 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: 140.053 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119554.D

Acq: 27 Mar 2020 8:15

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

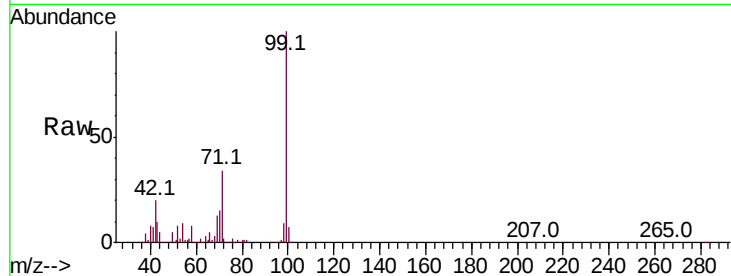
Tot Ion: 99 Resp: 2974514

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

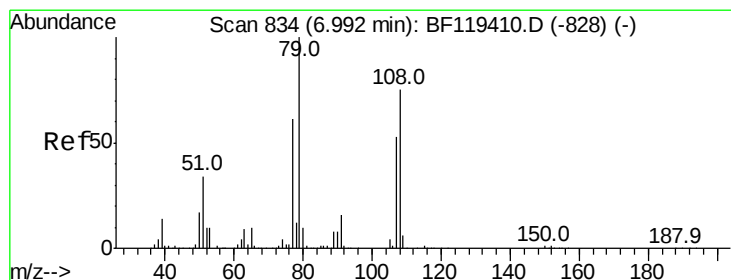
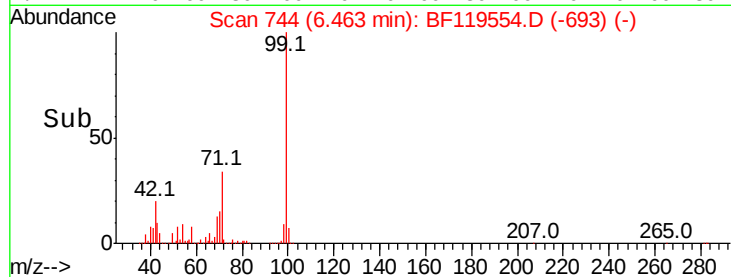
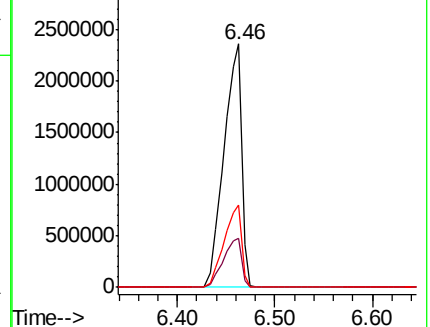
71 33.9 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.061 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF119554.D

Acq: 27 Mar 2020 8:15

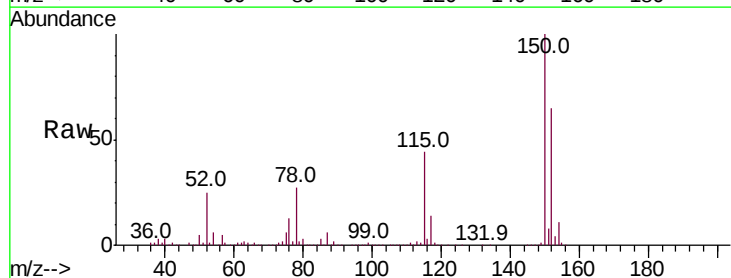
Tgt Ion: 79 Resp: 32923

Ion Ratio Lower Upper

79 100

108 25.9 60.6 90.8#

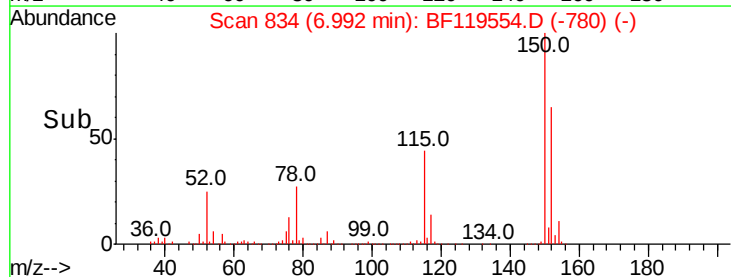
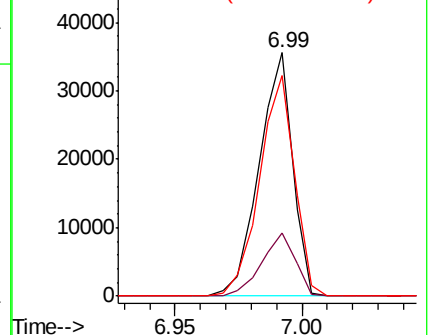
77 90.8 50.2 75.2#

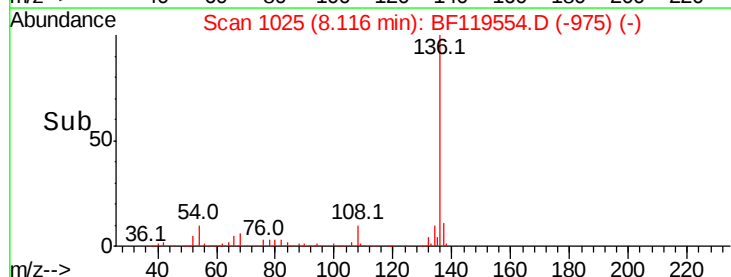
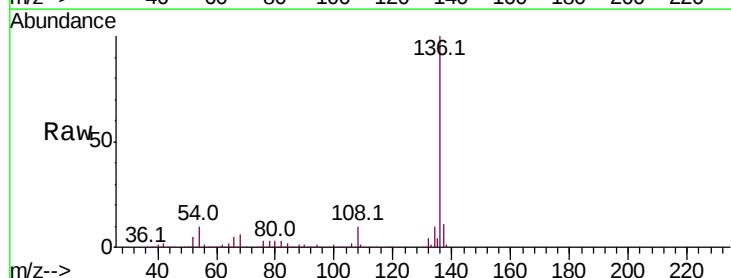
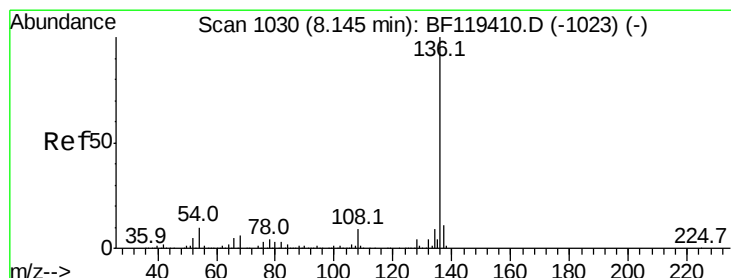
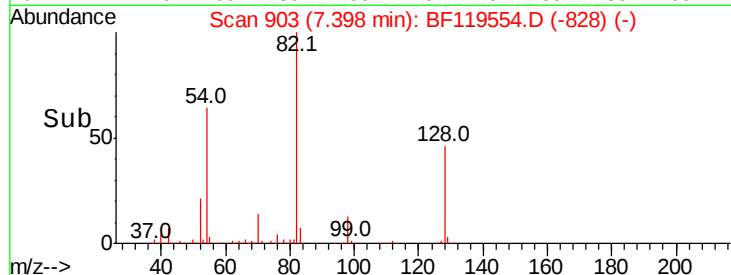
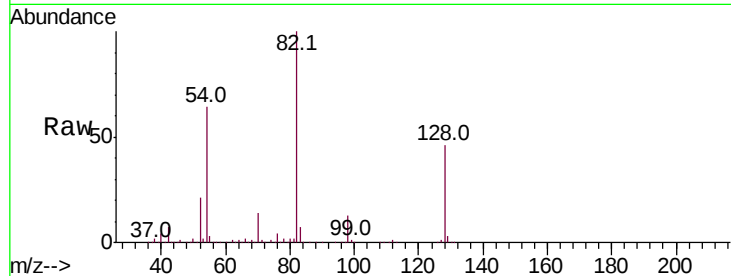
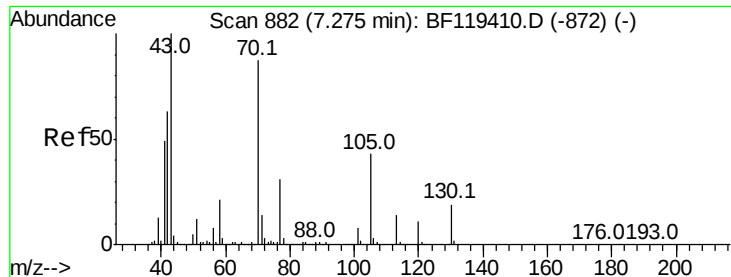


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

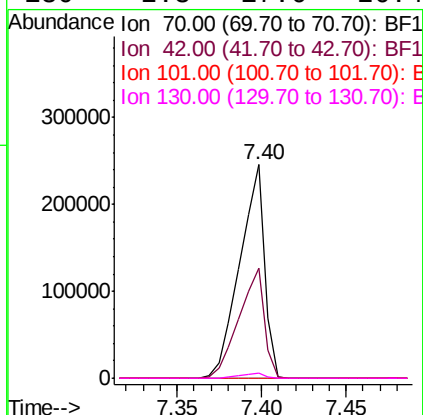




#19
n-Nitroso-di-n-propylamine
Concen: 19.785 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF119554.D
Acq: 27 Mar 2020 8:15

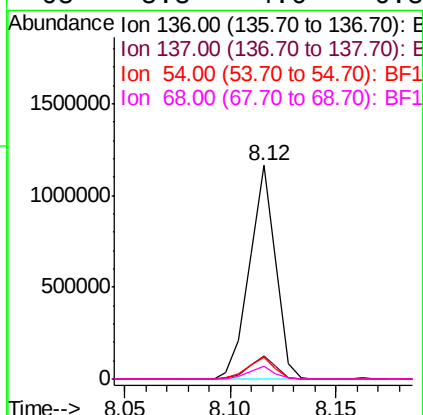
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

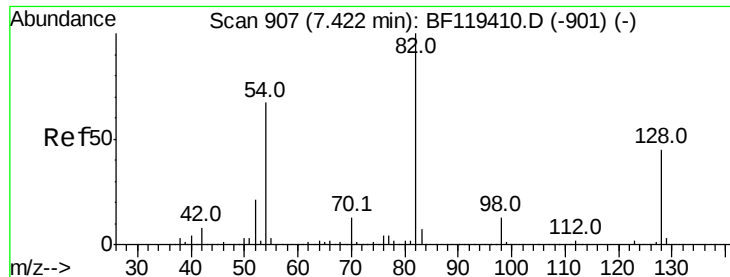
Tot Ion: 70 Resp: 253273
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 7.6 11.4#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119554.D
Acq: 27 Mar 2020 8:15

Tgt Ion: 136 Resp: 1005142
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.5 9.1 13.7
68 5.8 4.6 6.8



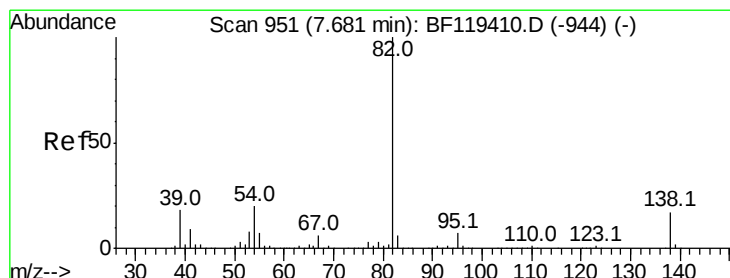
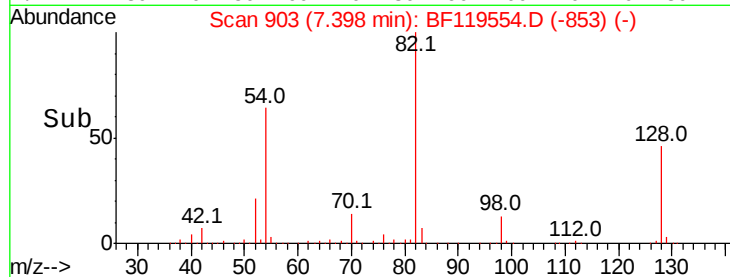
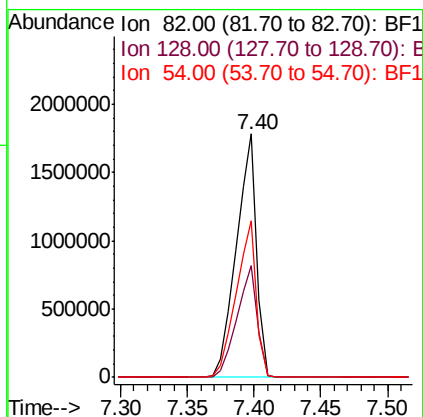
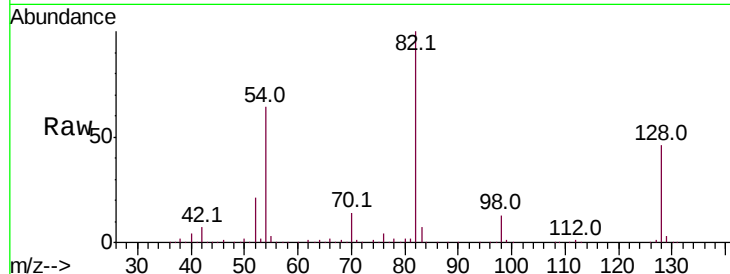


#23
 Nitrobenzene-d5
 Concen: 102.108 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 82 Resp: 1888452

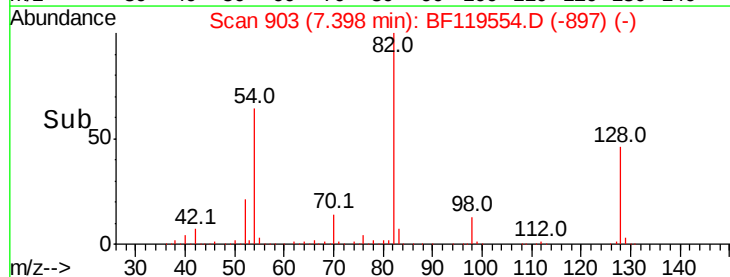
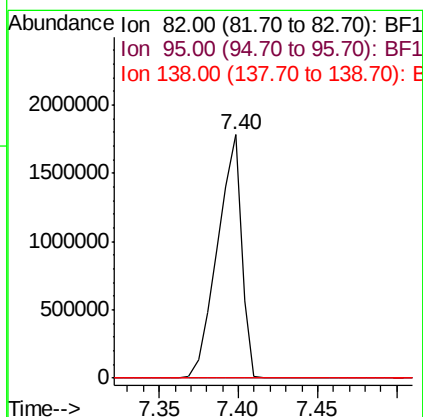
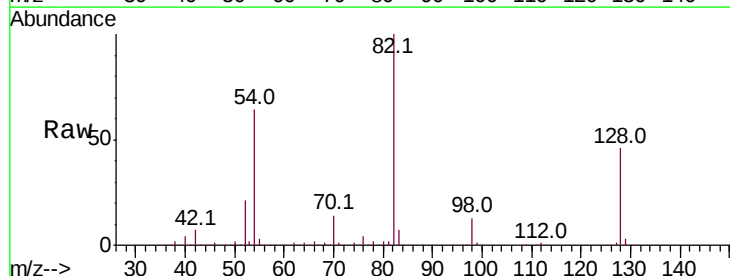
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	64.1	50.6	75.8

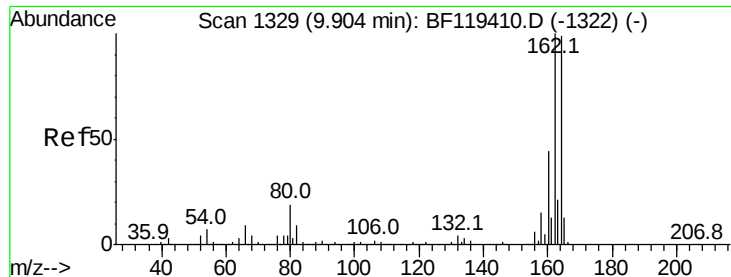


#25
 Isophorone
 Concen: 50.016 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.26 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Tgt Ion: 82 Resp: 1876428

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

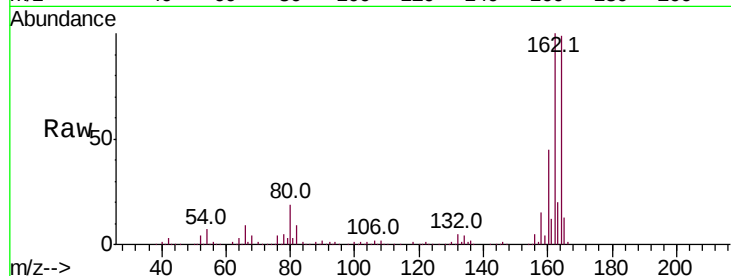




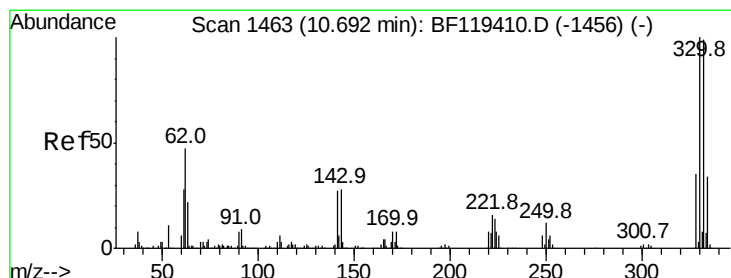
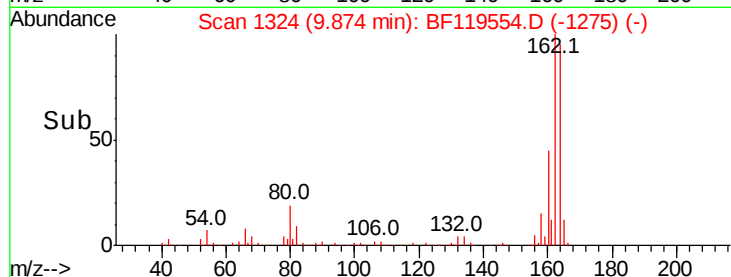
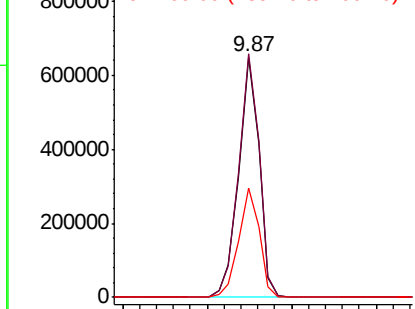
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:164 Resp: 549166
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 121.0
 160 45.7 35.7 53.5

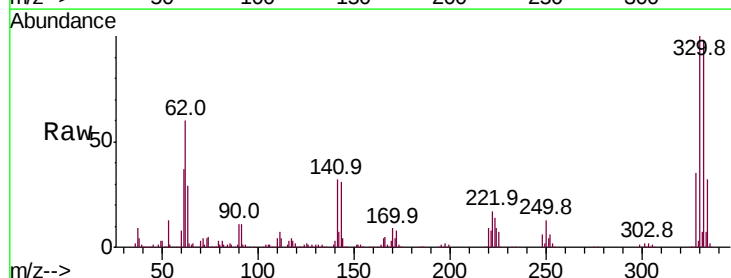


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

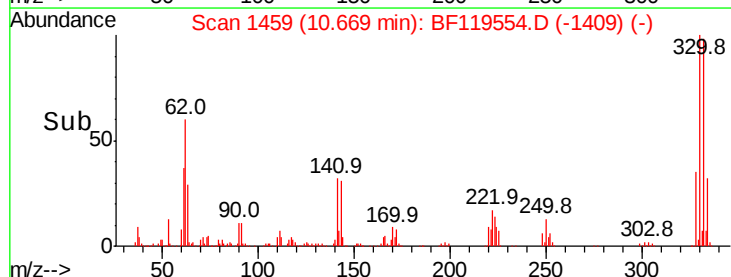
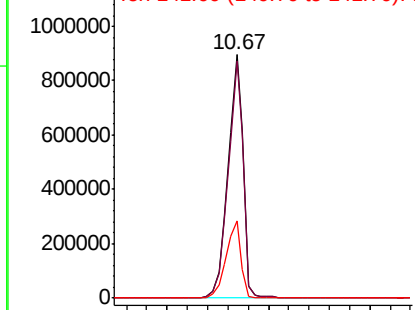


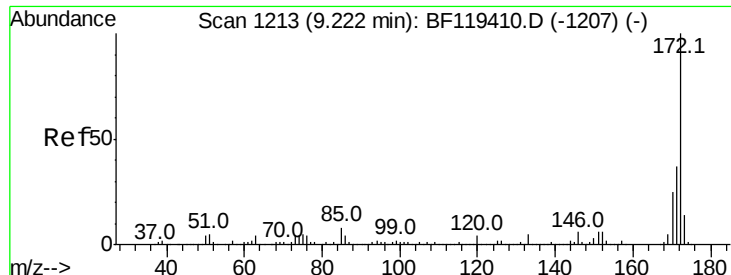
#42
 2,4,6-Tribromophenol
 Concen: 164.021 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Tgt Ion:330 Resp: 929270
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 31.0 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



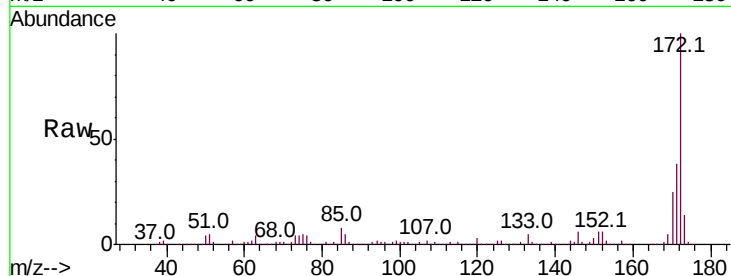


#45
 2-Fluorobiphenyl
 Concen: 95.474 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

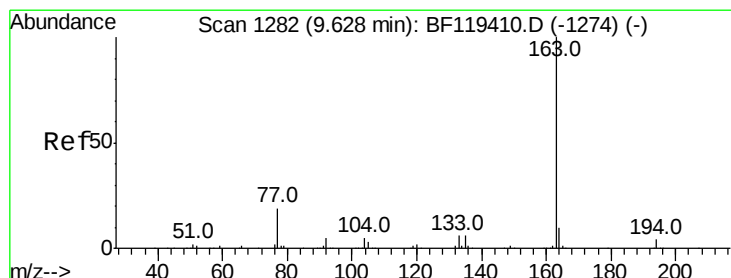
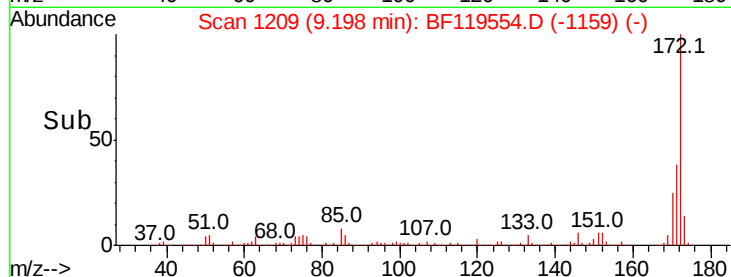
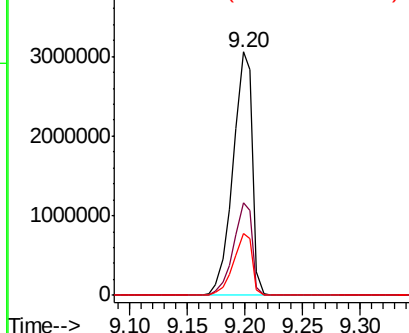
Instrument :
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Tot Ion:172 Resp: 3539113

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	25.2	20.2	30.2



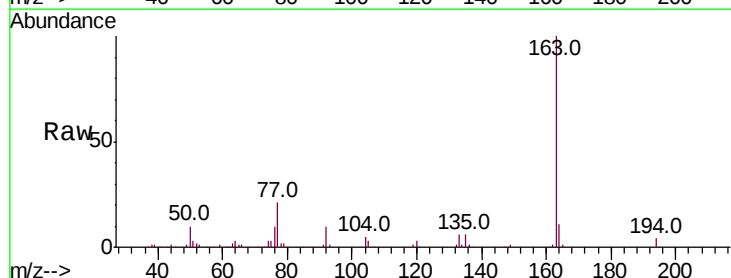
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



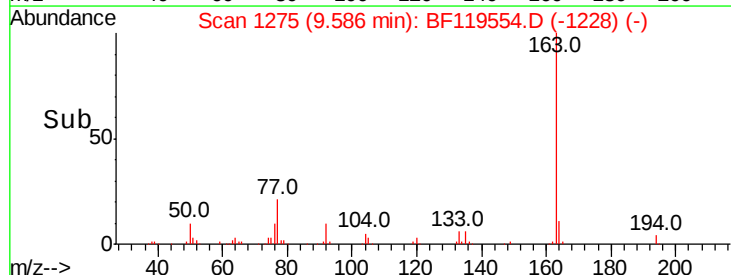
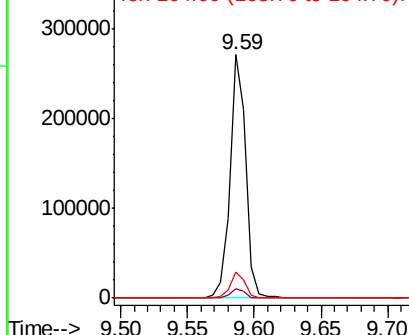
#50
 Dimethylphthalate
 Concen: 5.781 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

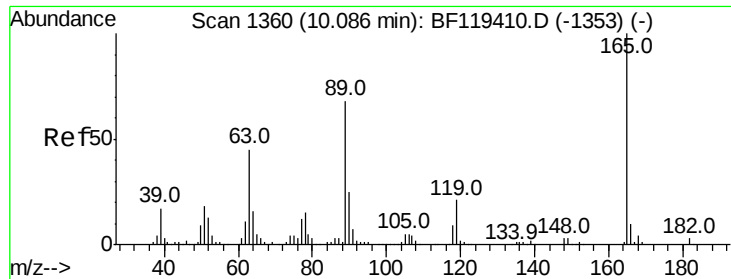
Tgt Ion:163 Resp: 225483

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.7	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

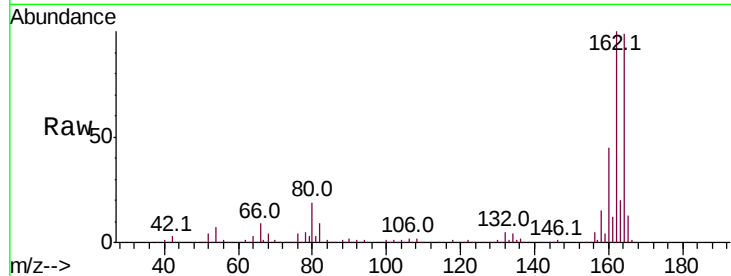




#57
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#

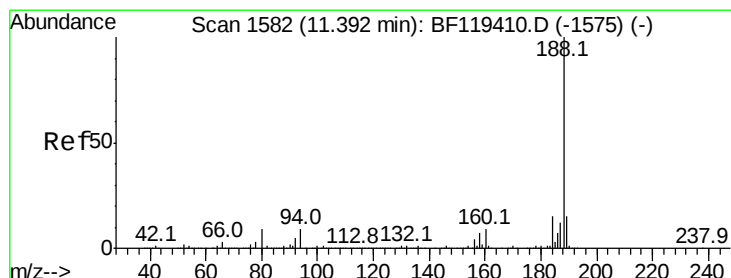
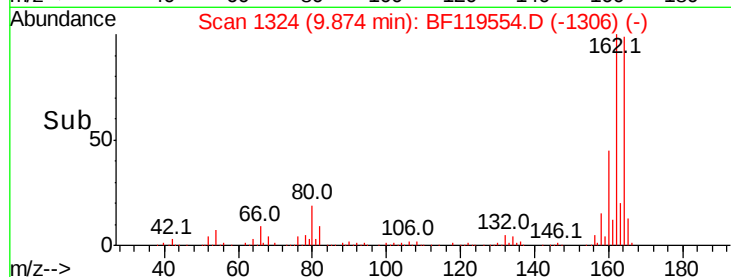
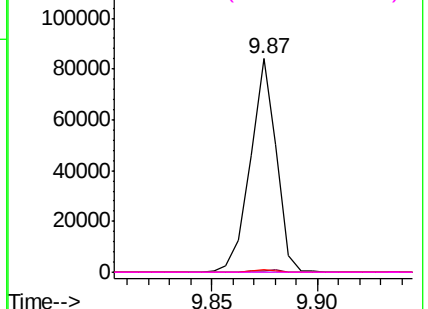


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

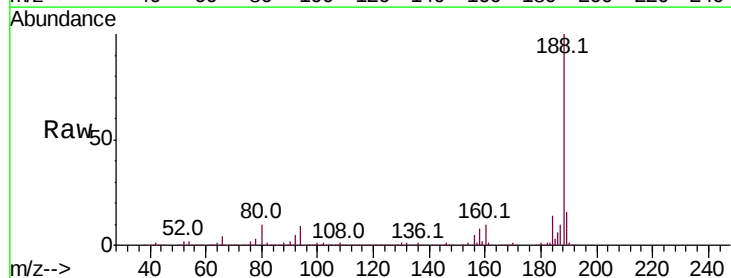
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119554.D
 Acq: 27 Mar 2020 8:15

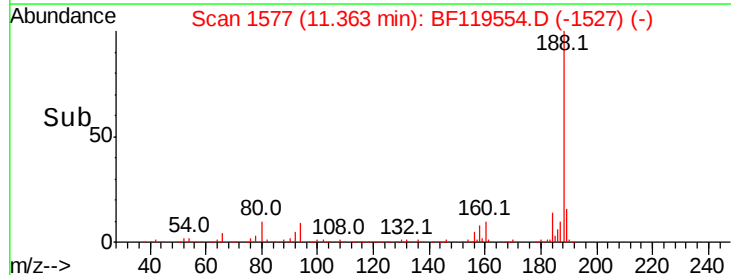
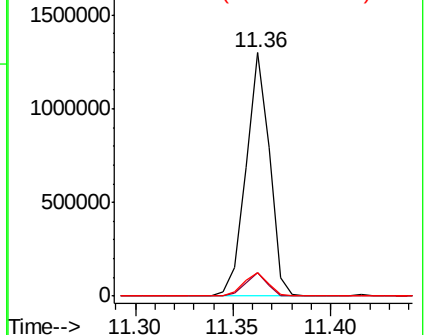
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.8	9.0	13.4

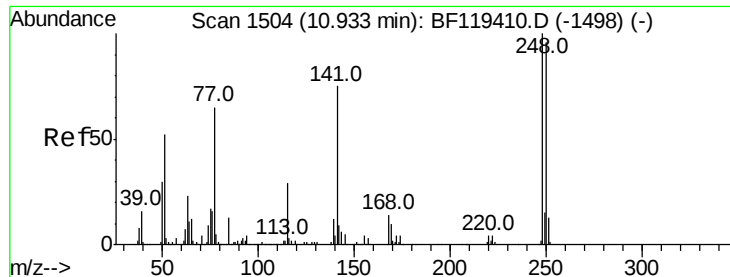


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

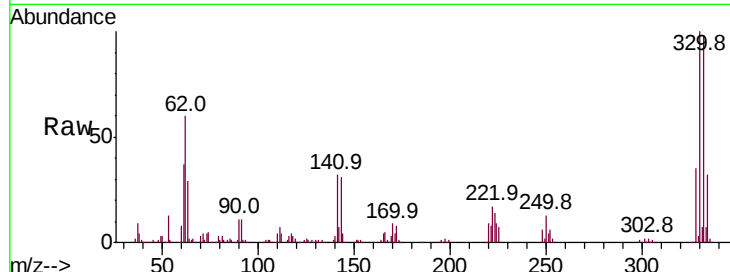




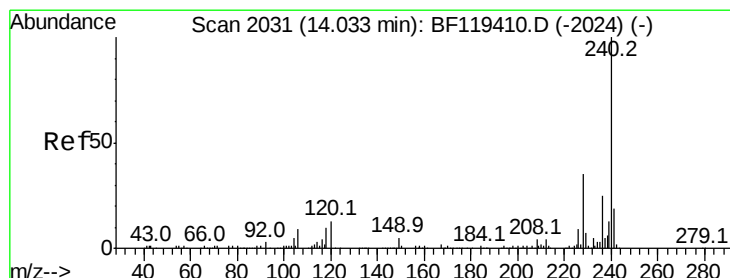
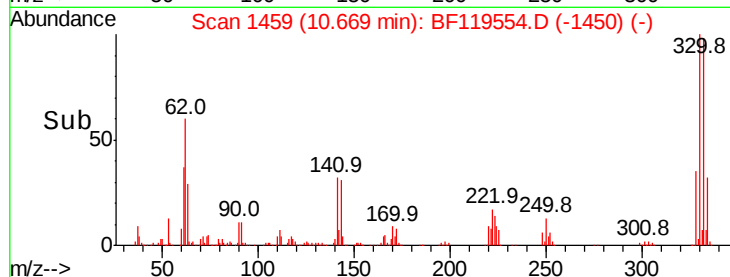
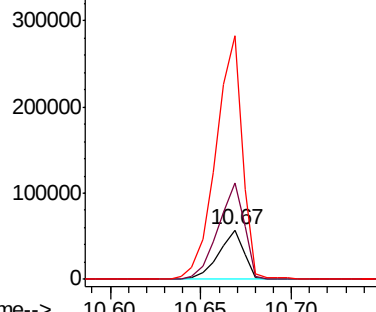
#67
4-Bromophenyl-phenylether
Concen: 4.524 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119554.D
Acq: 27 Mar 2020 8:15

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:248 Resp: 55960
Ion Ratio Lower Upper
248 100
250 196.5 77.3 115.9#
141 495.2 58.6 87.8#

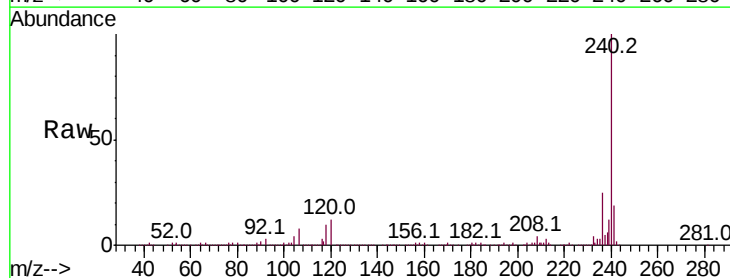


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

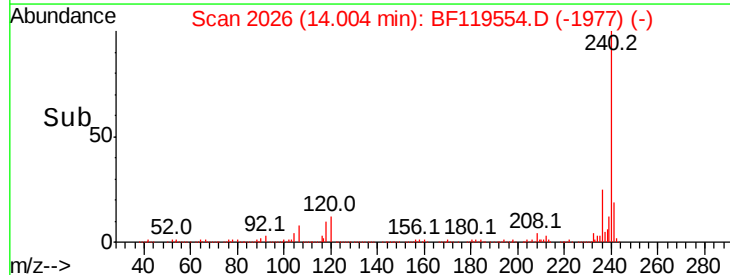
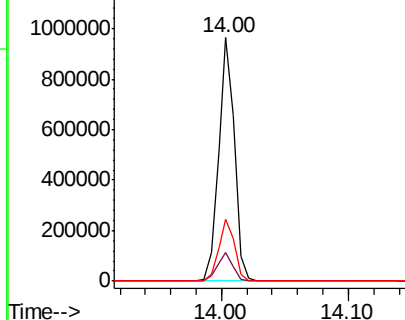


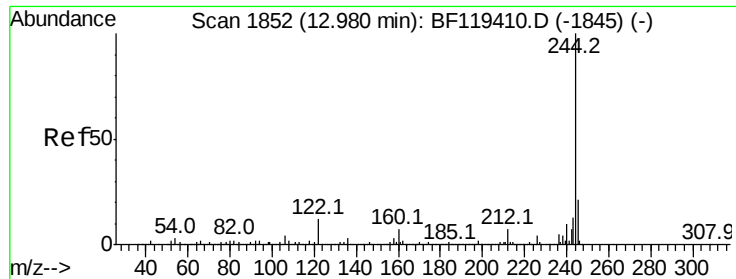
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119554.D
Acq: 27 Mar 2020 8:15

Tgt Ion:240 Resp: 842927
Ion Ratio Lower Upper
240 100
120 11.9 10.6 15.8
236 25.5 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: 94.359 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119554.D

Acq: 27 Mar 2020 8:15

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

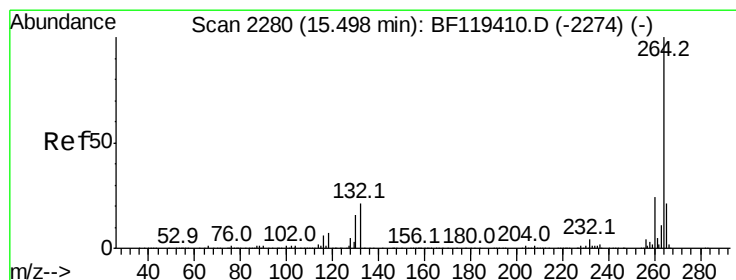
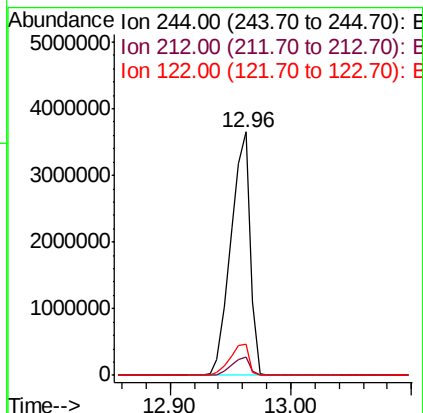
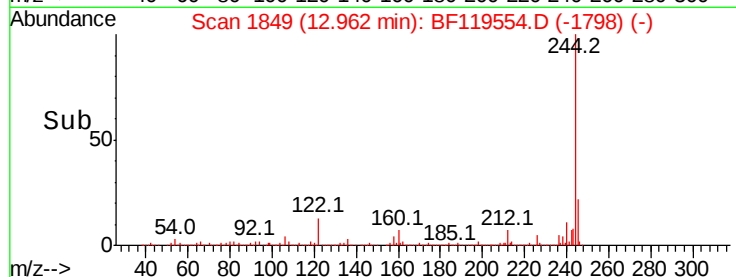
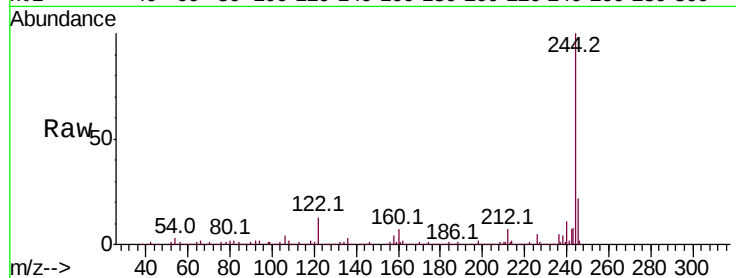
Tot Ion:244 Resp: 4059661

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 12.7 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119554.D

Acq: 27 Mar 2020 8:15

Tgt Ion:264 Resp: 727380

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.2 17.7 26.5

