

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112763.D
 Acq On : 28 Feb 2019 15:36
 Operator : JU/SJ
 Sample : K1341-09 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-B

Quant Time: Mar 01 06:17:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

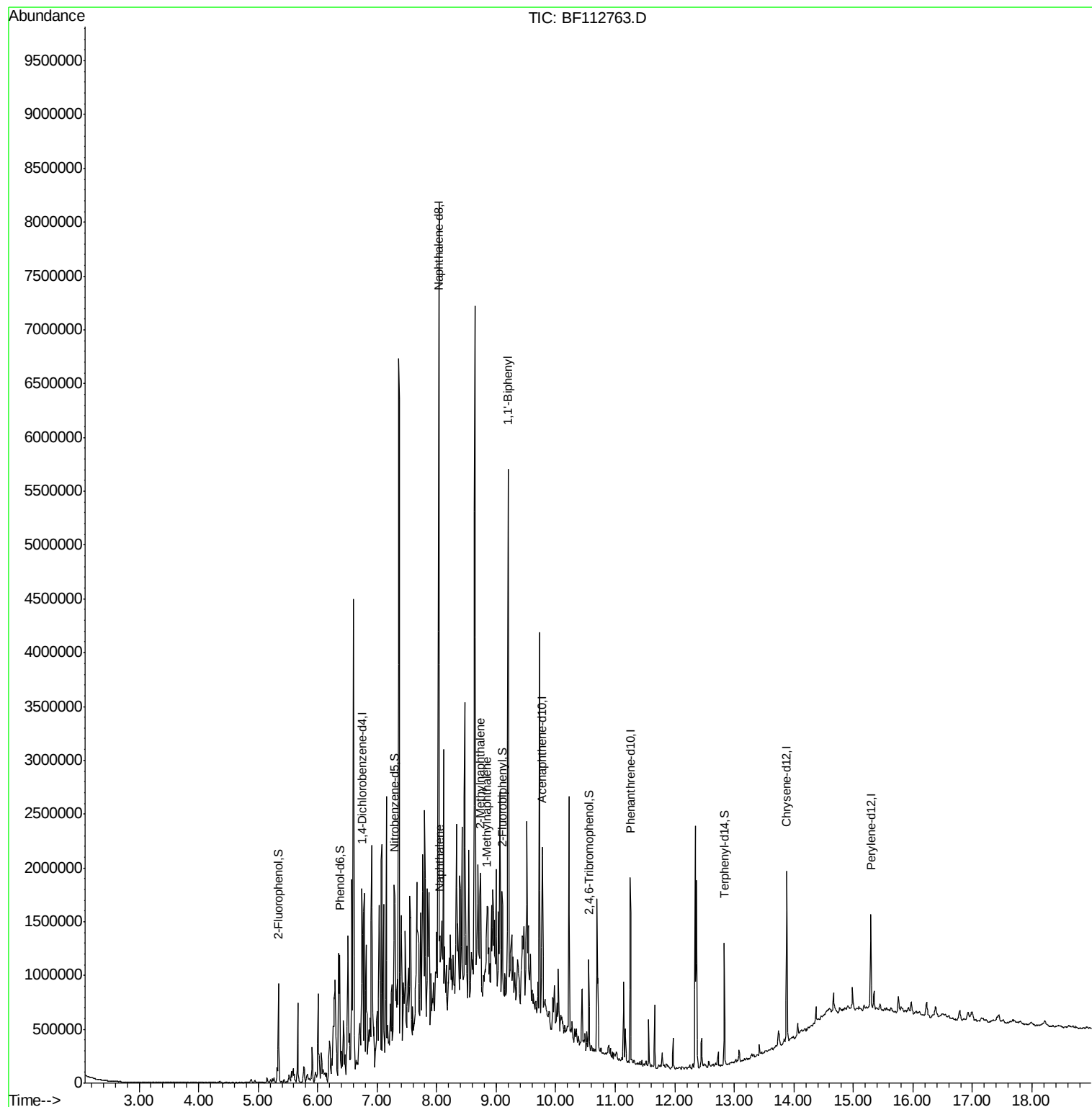
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180365	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	517056	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	293476	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	620722	20.00	ng	0.00
76) Chrysene-d12	13.88	240	525743	20.00	ng	0.00
87) Perylene-d12	15.29	264	379296	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	236685	20.41	ng	0.00
7) Phenol-d6	6.37	99	315157	21.64	ng	0.00
23) Nitrobenzene-d5	7.30	82	195383	22.61	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	76234	24.47	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	303231	5.38	ng	0.00
79) Terphenyl-d14	12.83	244	370986	13.68	ng	0.00
Target Compounds						
31) Naphthalene	8.05	128	166703	6.494	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.74	142	224829	13.562	ng	98
38) 1-Methylnaphthalene	8.84	142	154769	9.638	ng	# 99
46) 1,1'-Biphenyl	9.20	154	73047	3.052	ng	92

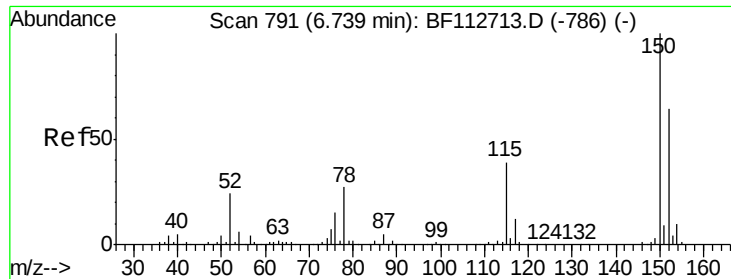
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 27 16:08:50 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF112763.D

Acq: 28 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-B

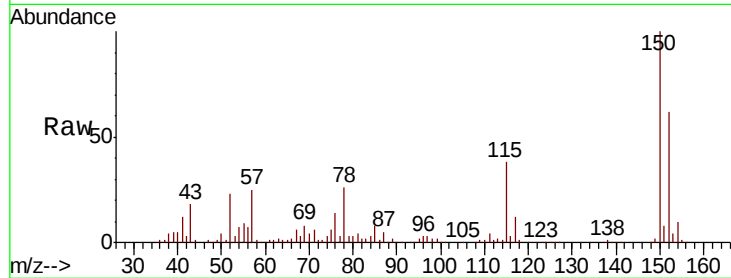
Tot Ion:152 Resp: 180365

Ion Ratio Lower Upper

152 100

150 160.7 124.2 186.2

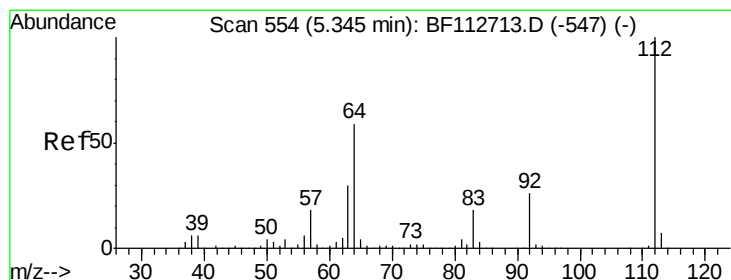
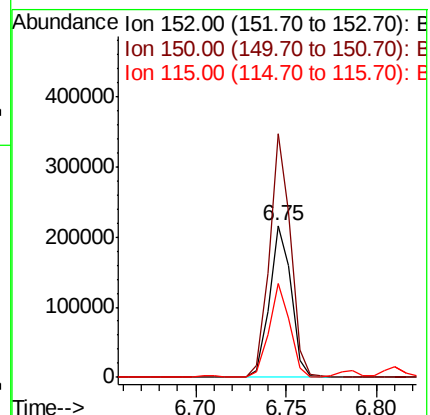
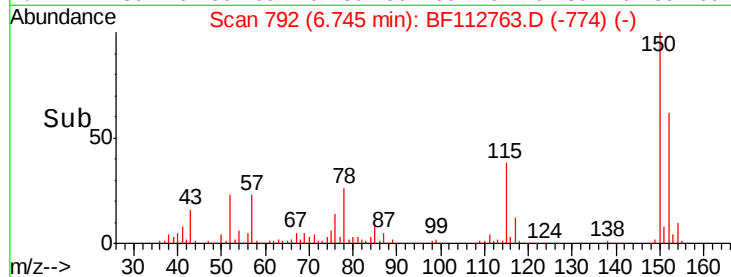
115 61.7 48.2 72.4



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: 20.413 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112763.D

Acq: 28 Feb 2019 15:36

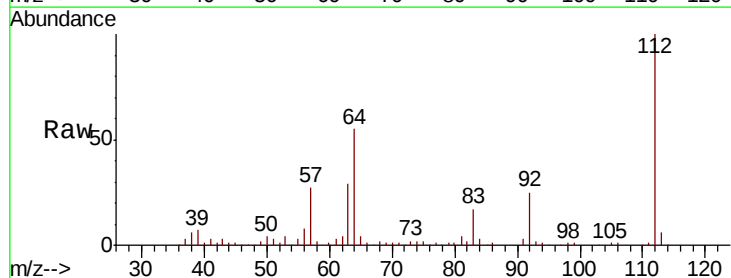
Tgt Ion:112 Resp: 236685

Ion Ratio Lower Upper

112 100

64 55.2 47.6 71.4

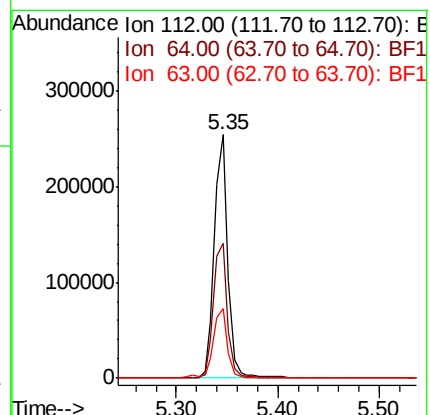
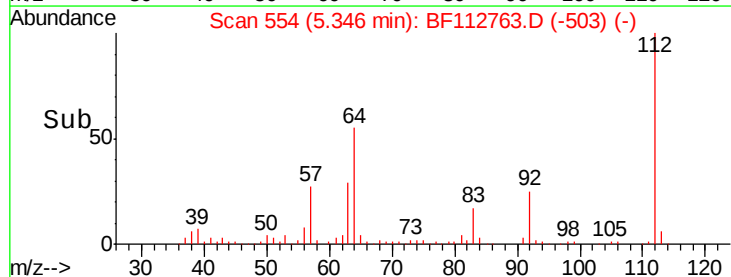
63 28.7 24.4 36.6

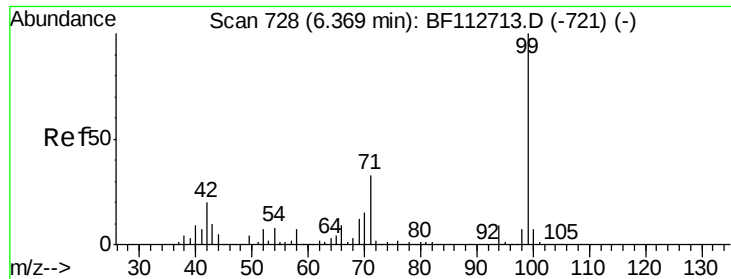


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 21.638 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112763.D

Acq: 28 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-B

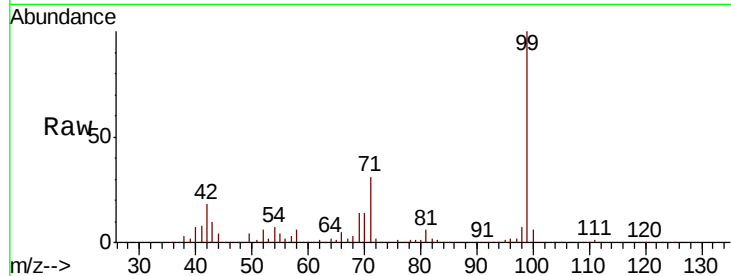
Tot Ion: 99 Resp: 315157

Ion Ratio Lower Upper

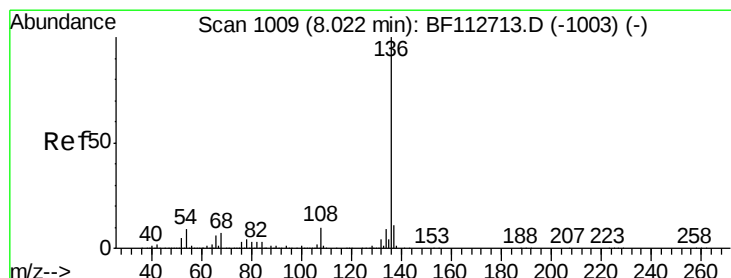
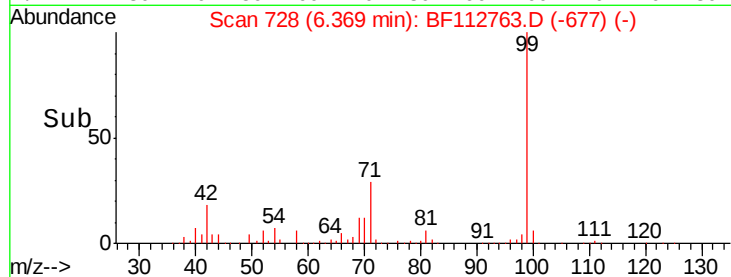
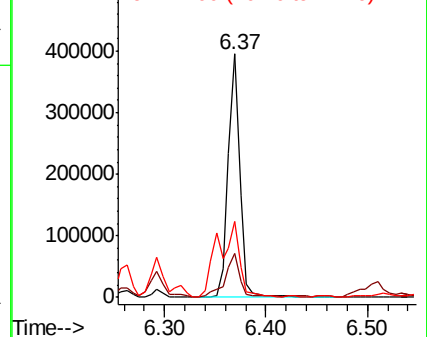
99 100

42 18.2 16.3 24.5

71 31.0 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112763.D

Acq: 28 Feb 2019 15:36

Tgt Ion: 136 Resp: 517056

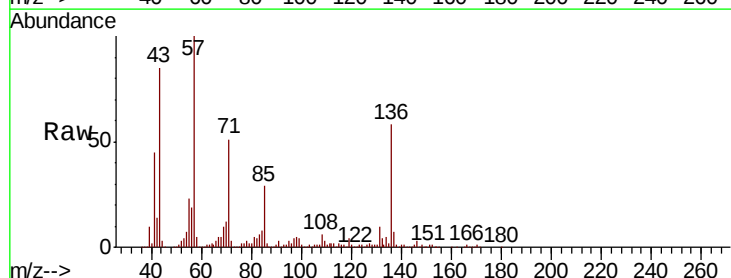
Ion Ratio Lower Upper

136 100

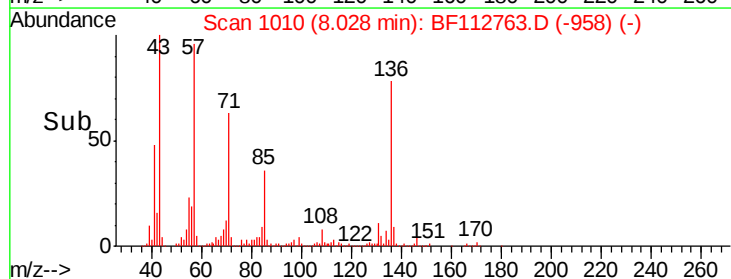
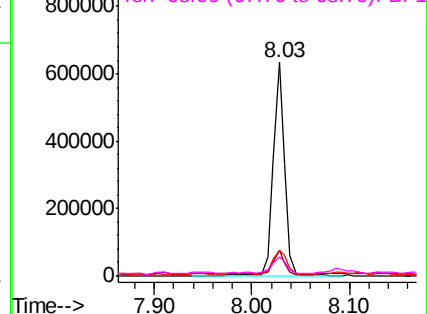
137 12.2 8.9 13.3

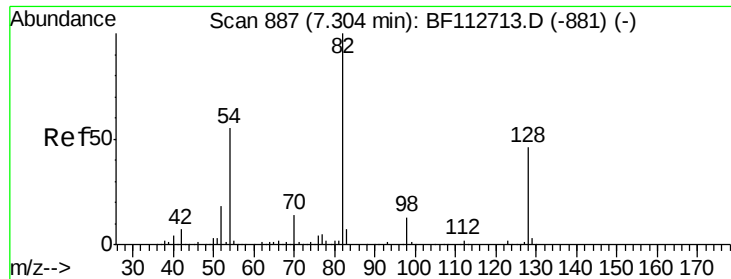
54 12.1 7.3 10.9#

68 9.0 5.4 8.2#



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

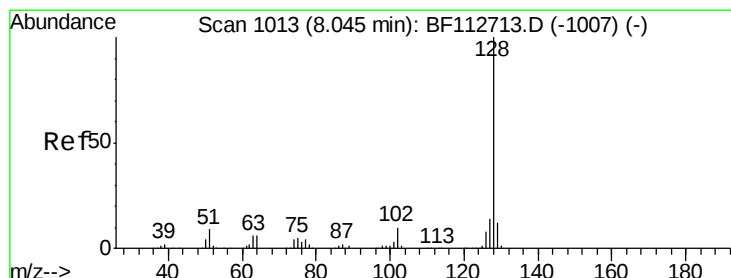
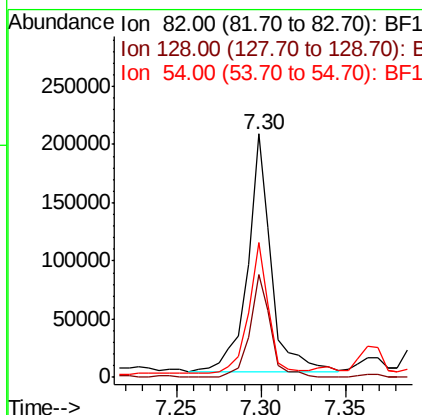
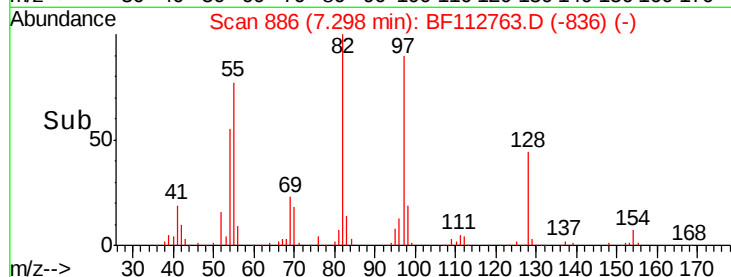
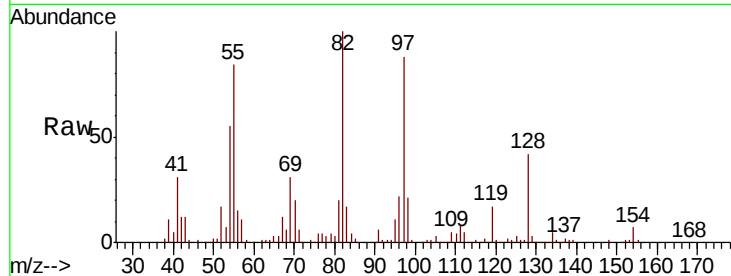




#23
Nitrobenzene-d5
Concen: 22.611 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

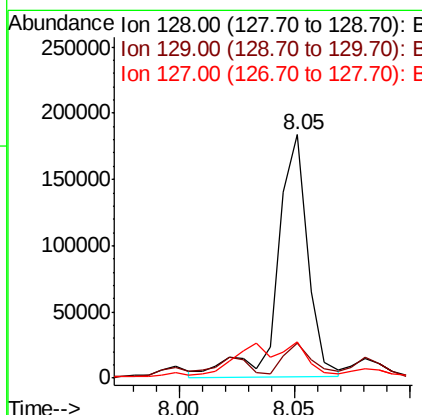
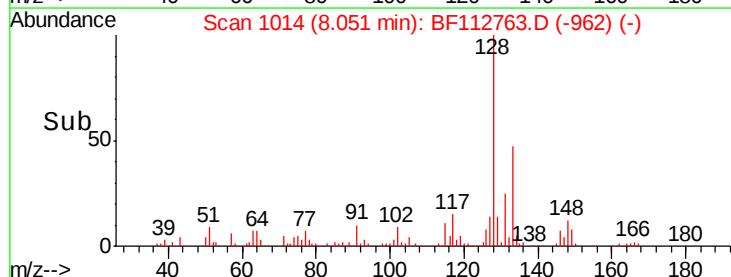
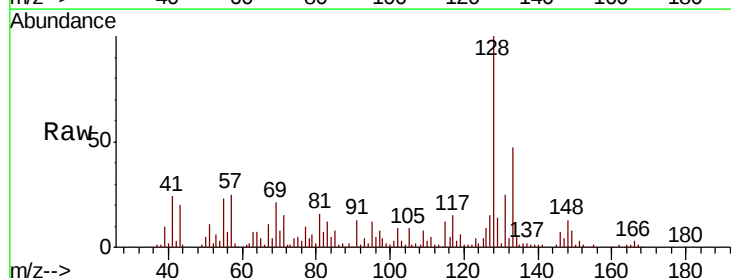
Instrument :
BNA_F
ClientSampleId :
HR-06-022719-B

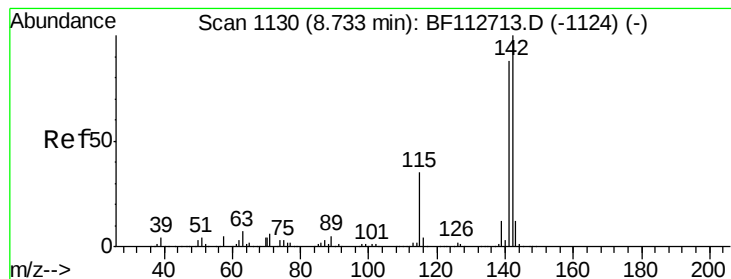
Tot Ion: 82 Resp: 195383
Ion Ratio Lower Upper
82 100
128 42.4 36.3 54.5
54 55.2 43.7 65.5



#31
Naphthalene
Concen: 6.494 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Tgt Ion: 128 Resp: 166703
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9#
127 14.7 10.9 16.3

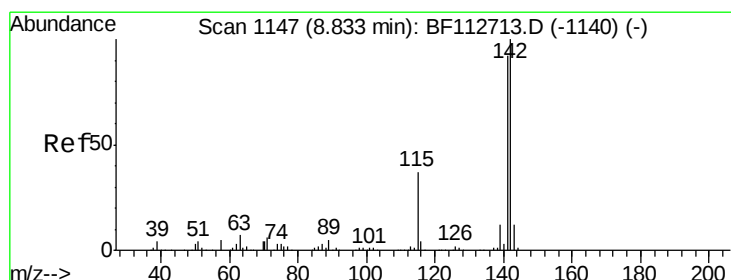
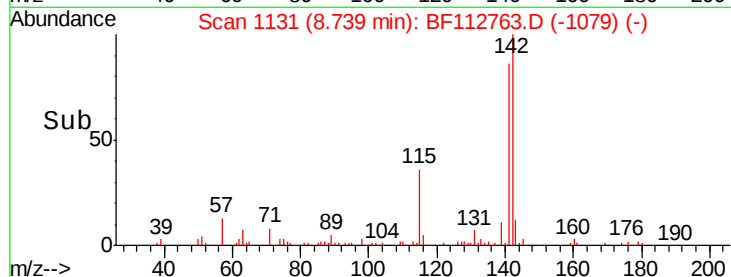
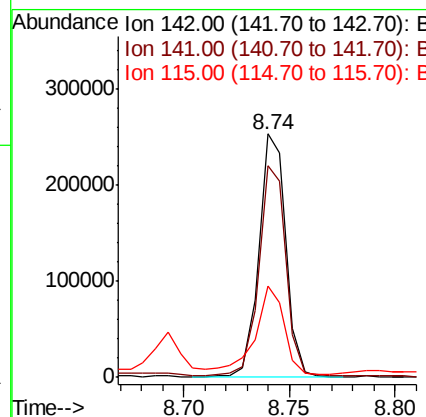
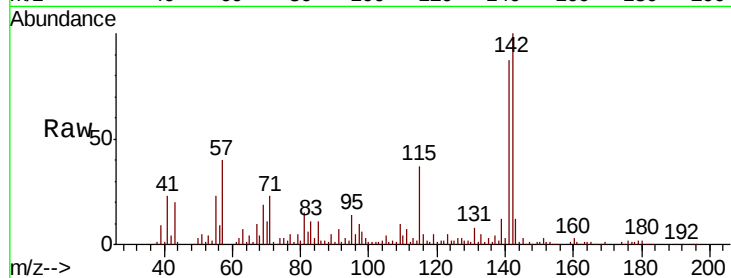




#37
2-Methylnaphthalene
Concen: 13.562 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

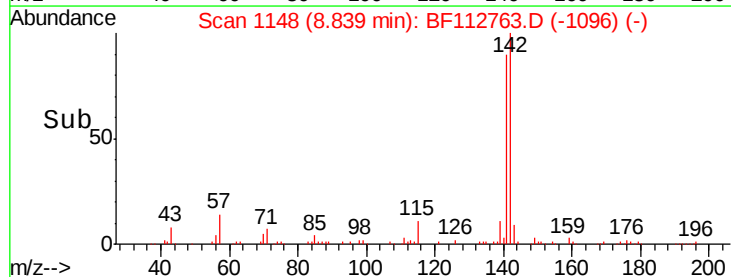
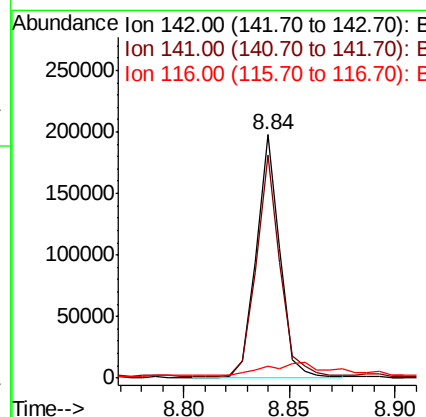
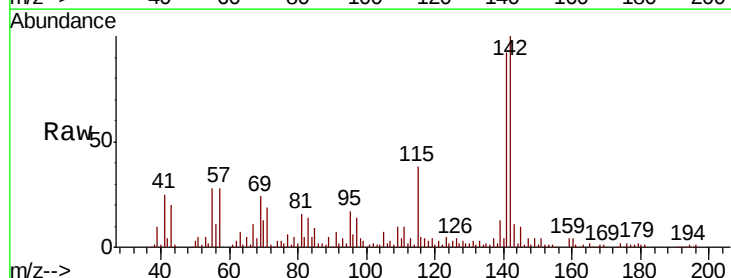
Instrument :
BNA_F
ClientSampleId :
HR-06-022719-B

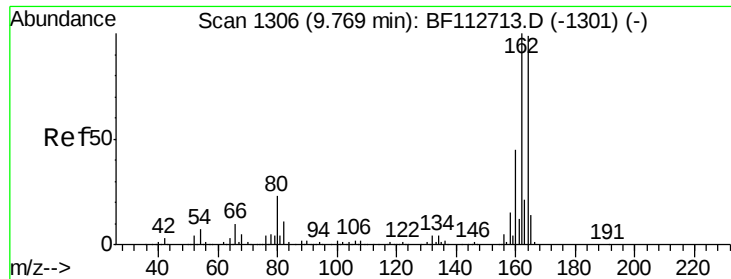
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5
115	37.4	27.8	41.6



#38
1-Methylnaphthalene
Concen: 9.638 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	5.0	3.1	4.7#

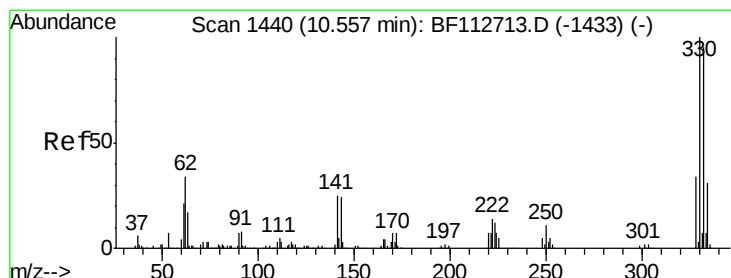
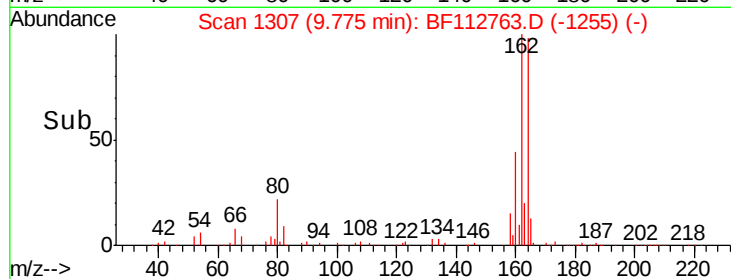
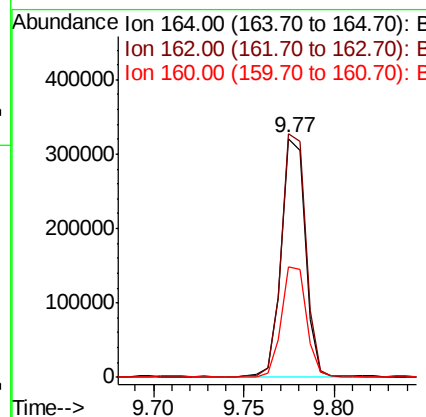
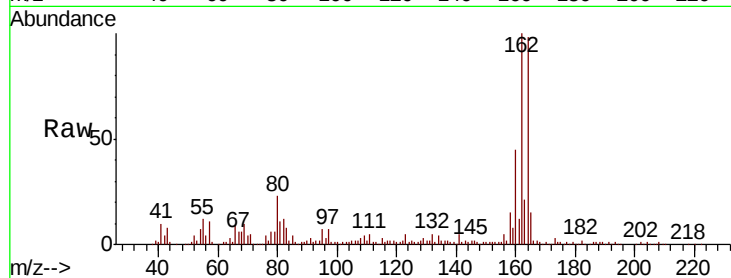




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112763.D
 Acq: 28 Feb 2019 15:36

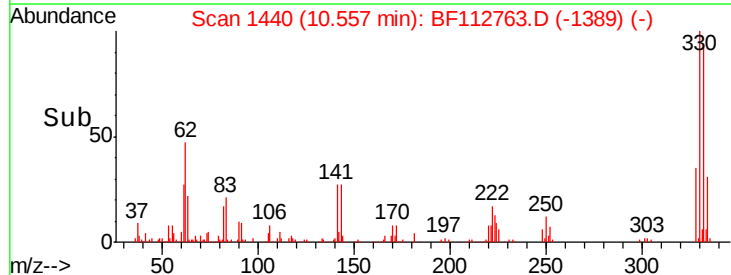
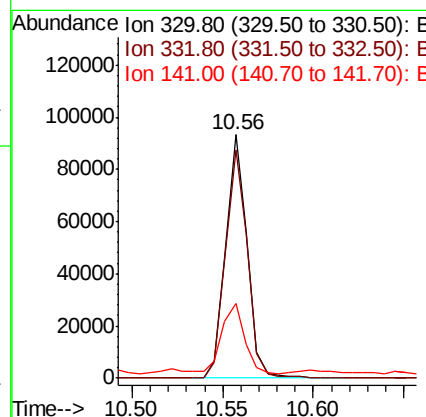
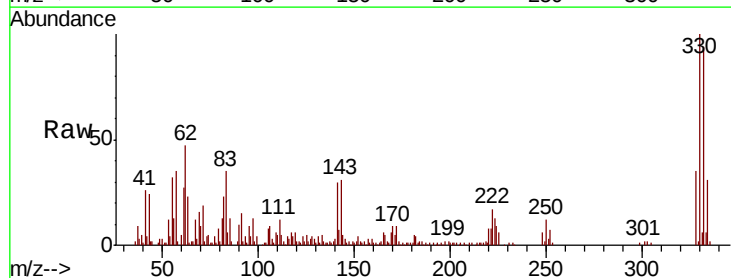
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-B

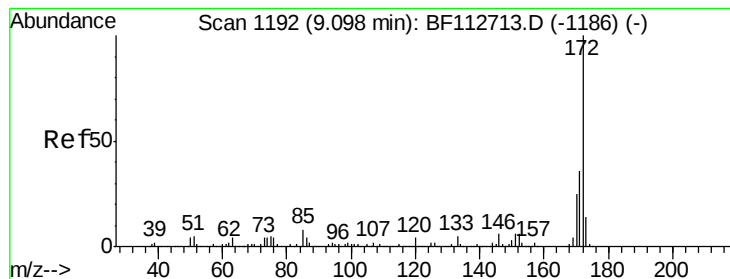
Tot Ion:164 Resp: 293476
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 46.0 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 24.468 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112763.D
 Acq: 28 Feb 2019 15:36

Tgt Ion:330 Resp: 76234
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 30.5 27.0 40.6

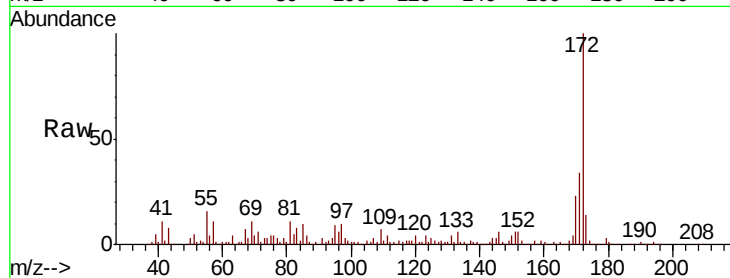




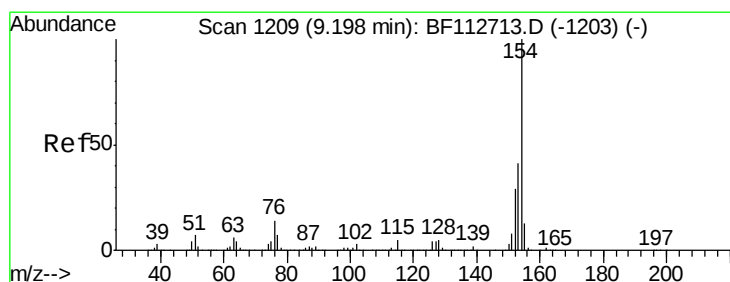
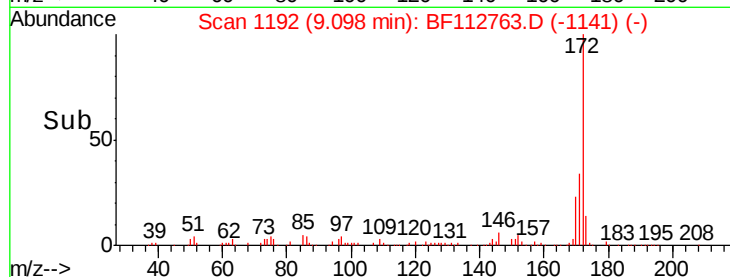
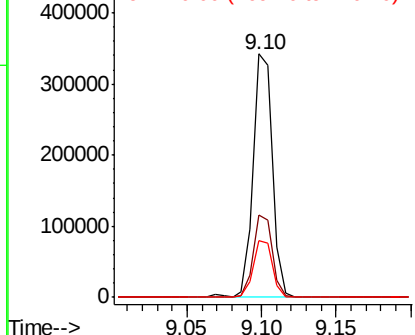
#45
2-Fluorobiphenyl
Concen: 5.381 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Instrument :
BNA_F
ClientSampleId :
HR-06-022719-B

Tot Ion:172 Resp: 303231
Ion Ratio Lower Upper
172 100
171 33.8 29.0 43.4
170 23.4 20.0 30.0

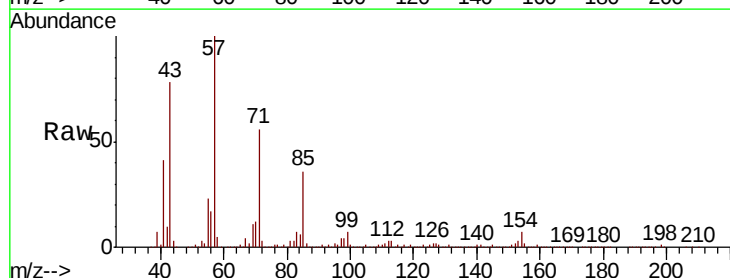


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

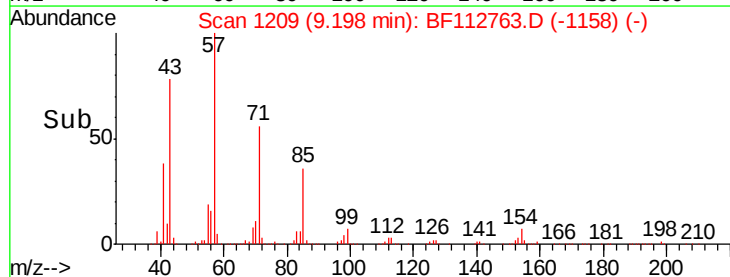
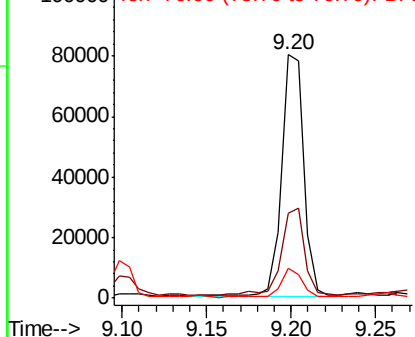


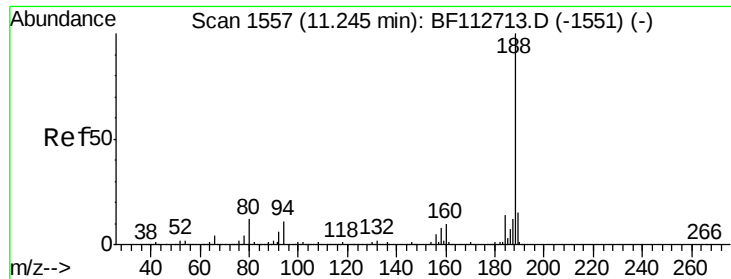
#46
1,1'-Biphenyl
Concen: 3.052 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Tgt Ion:154 Resp: 73047
Ion Ratio Lower Upper
154 100
153 35.0 20.8 60.8
76 12.3 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

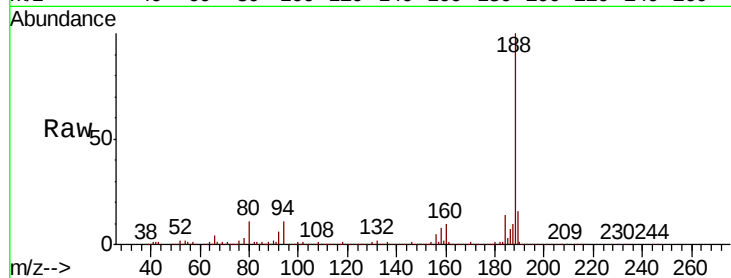




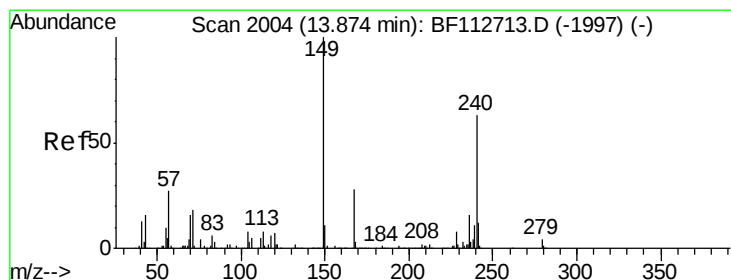
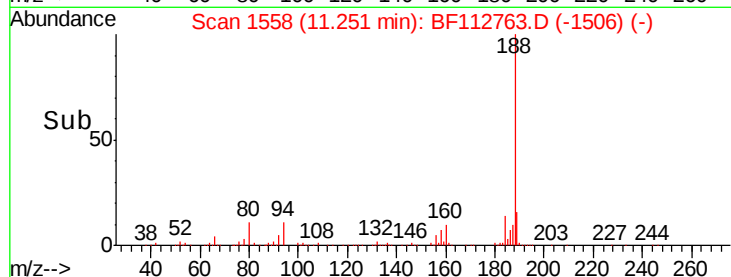
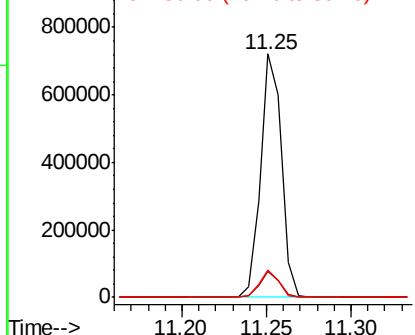
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Instrument :
BNA_F
ClientSampleId :
HR-06-022719-B

Tot Ion:188 Resp: 620722
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.2 9.2 13.8

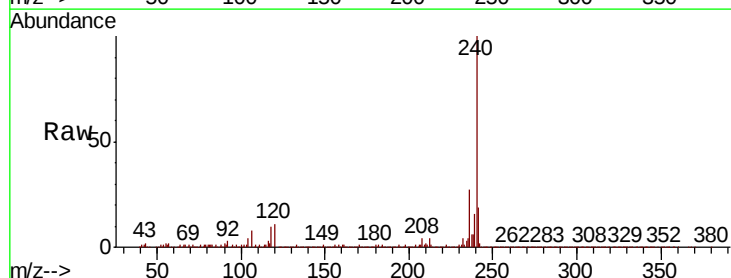


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

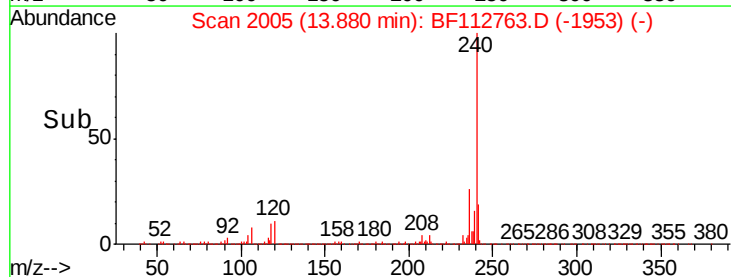
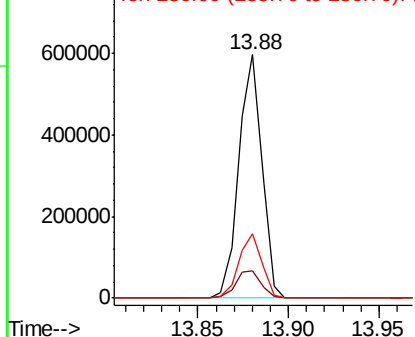


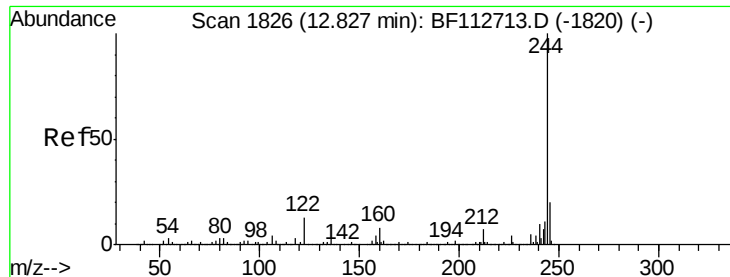
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112763.D
Acq: 28 Feb 2019 15:36

Tgt Ion:240 Resp: 525743
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.6 20.7 31.1



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: 13.679 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112763.D

Acq: 28 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

HR-06-022719-B

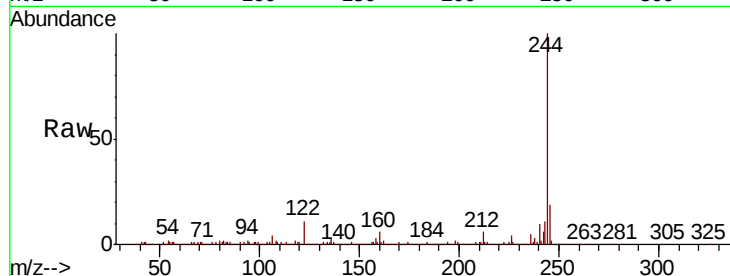
Tot Ion:244 Resp: 370986

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

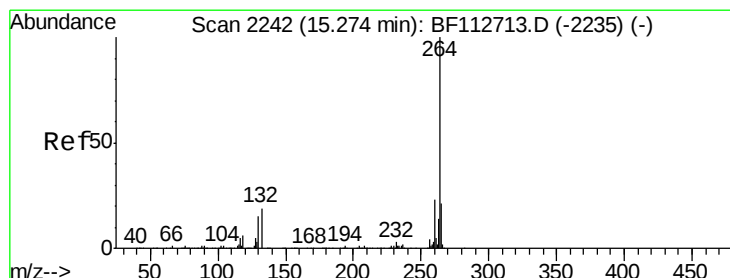
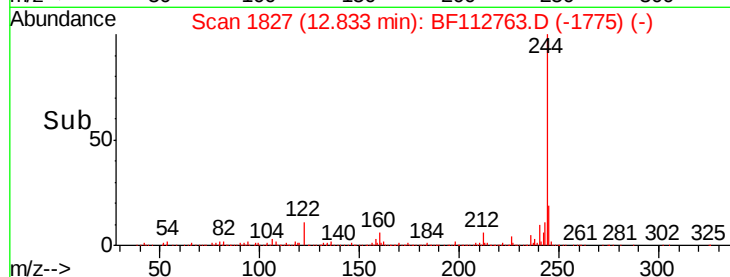
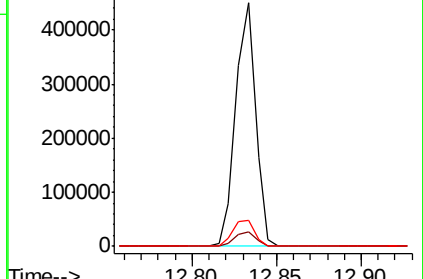
122 10.7 10.5 15.7



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: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112763.D

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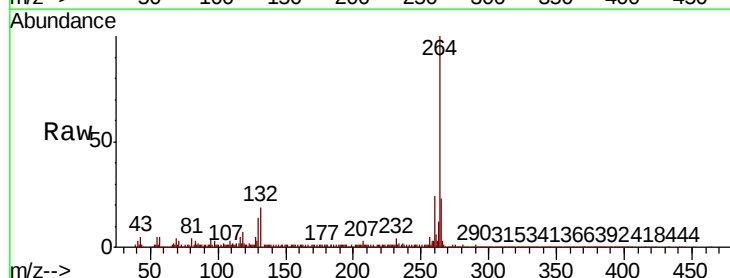
Tgt Ion:264 Resp: 379296

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 23.1 17.2 25.8



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

