

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114412.D
 Acq On : 19 May 2019 1:52
 Operator : JU/SJ
 Sample : K2869-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

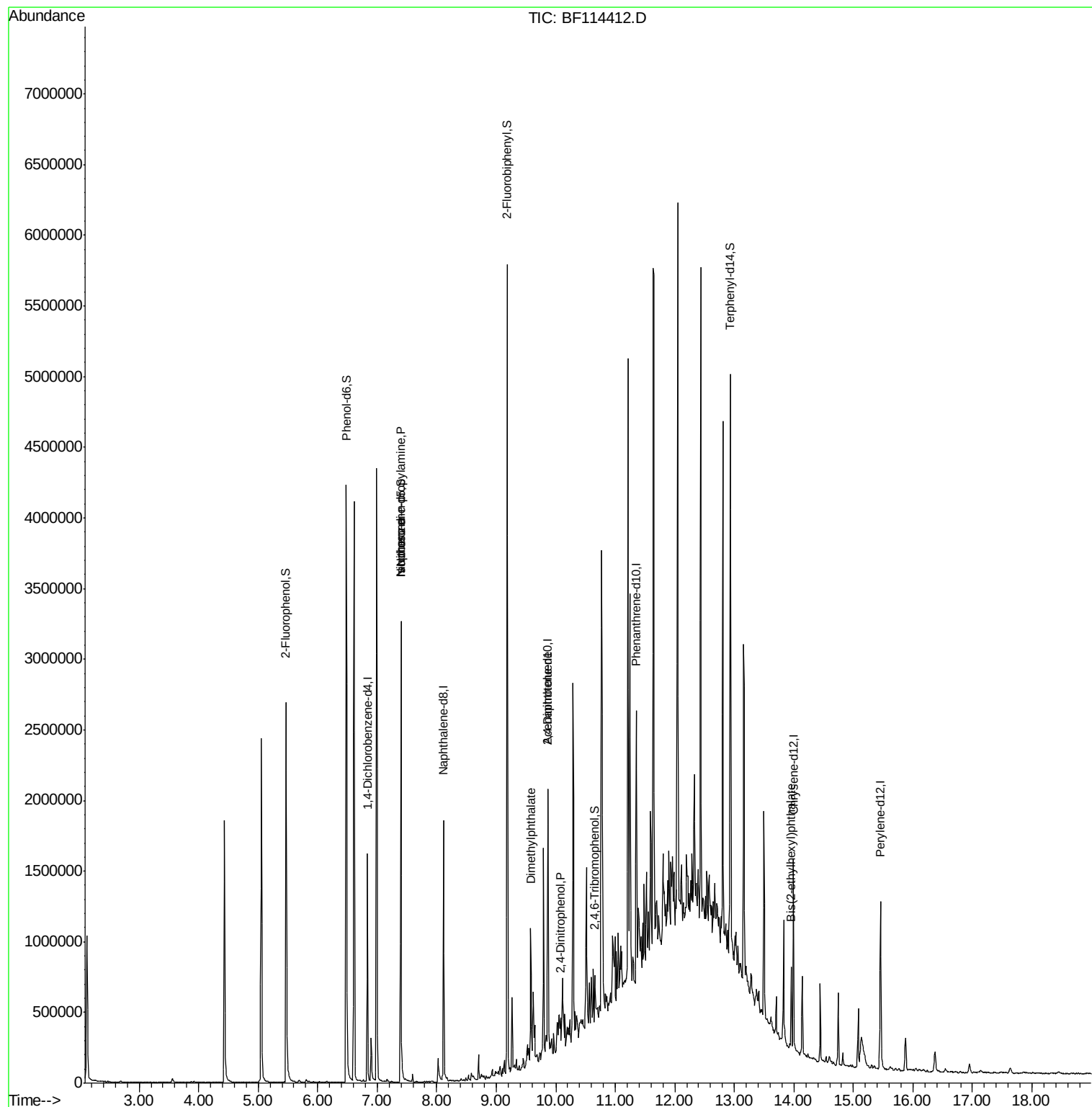
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	230517	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	846930	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	374883	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	621860	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	436674	20.00	ng	-0.03
87) Perylene-d12	15.46	264	481321	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	800027	55.85	ng	-0.01
7) Phenol-d6	6.48	99	1562629	92.23	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1054791	69.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	43701	11.28	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1833130	73.97	ng	-0.02
79) Terphenyl-d14	12.93	244	1429548	67.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	139153	12.958	ng	# 74
25) Isophorone	7.40	82	1054915	37.691	ng	# 64
50) Dimethylphthalate	9.58	163	270301	9.822	ng	99
54) 2,4-Dinitrophenol	10.08	184	114	6.779	ng	# 1
57) 2,4-Dinitrotoluene	9.87	165	51139	6.173	ng	# 26
84) Bis(2-ethylhexyl)phthalate	13.96	149	150388	7.777	ng	99

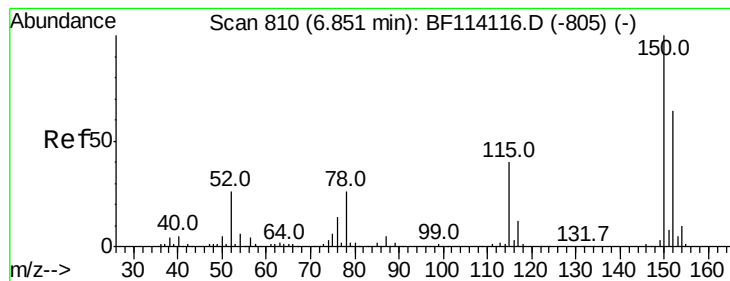
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :

Quant Time: May 20 04:13:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

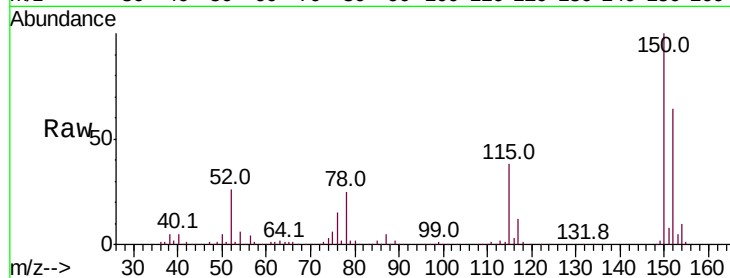
Tot Ion:152 Resp: 230517

Ion Ratio Lower Upper

152 100

150 155.8 124.3 186.5

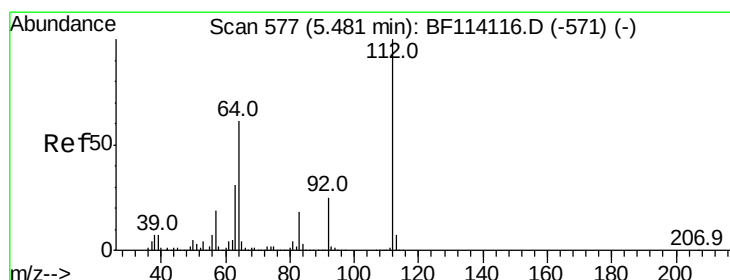
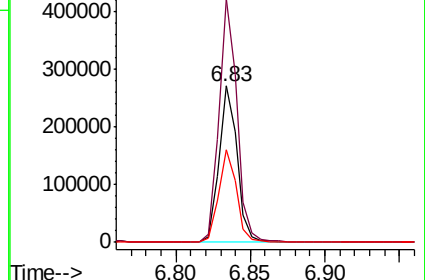
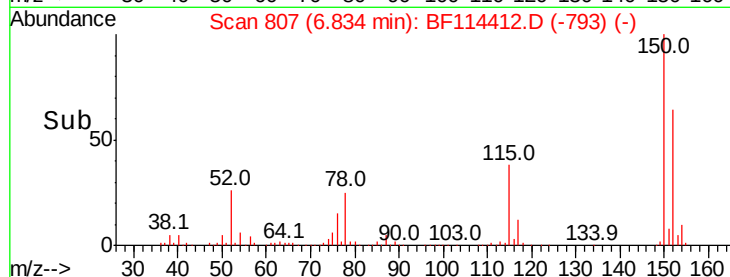
115 59.6 49.1 73.7



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: 55.851 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

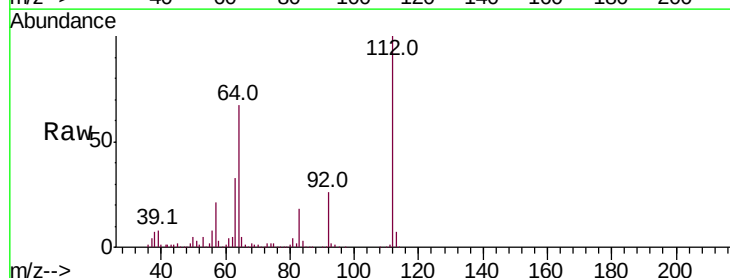
Tgt Ion:112 Resp: 800027

Ion Ratio Lower Upper

112 100

64 66.6 49.0 73.6

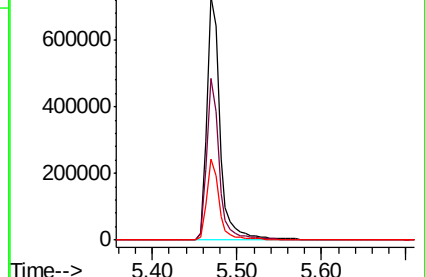
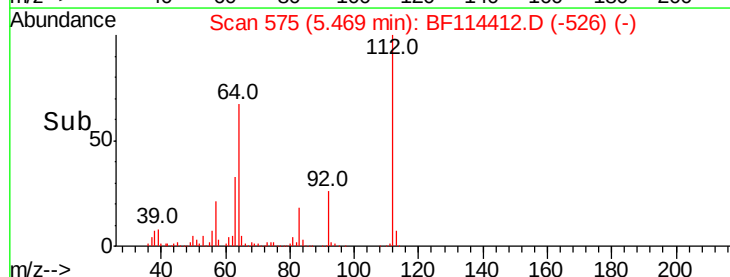
63 33.1 24.6 37.0

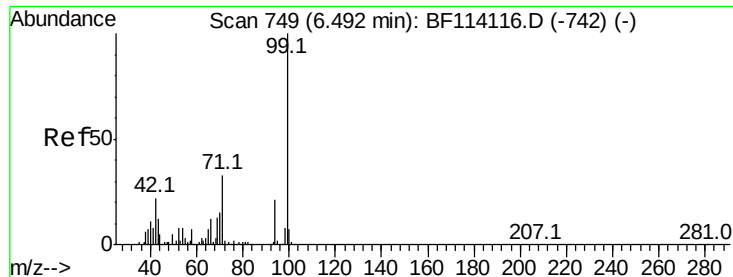


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.234 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

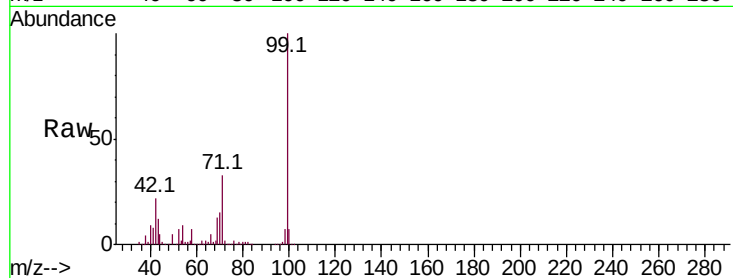
Tot Ion: 99 Resp: 1562629

Ion Ratio Lower Upper

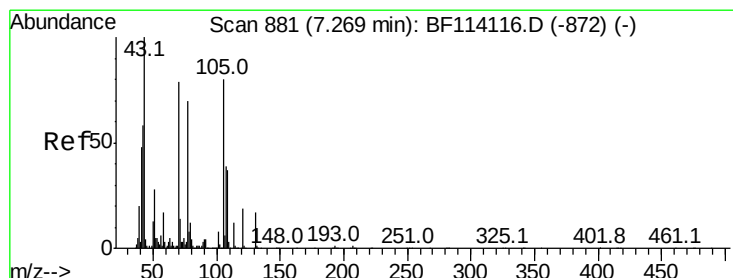
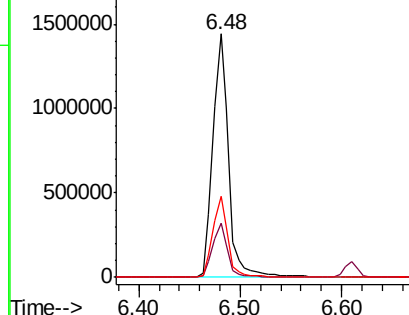
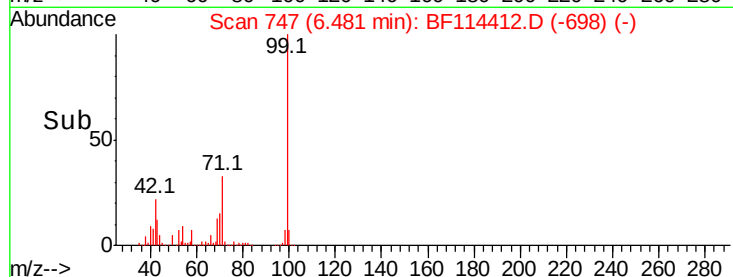
99 100

42 22.4 17.9 26.9

71 33.2 26.2 39.2



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: 12.958 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Tgt Ion: 70 Resp: 139153

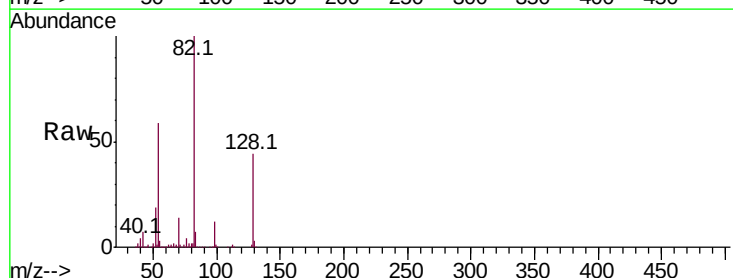
Ion Ratio Lower Upper

70 100

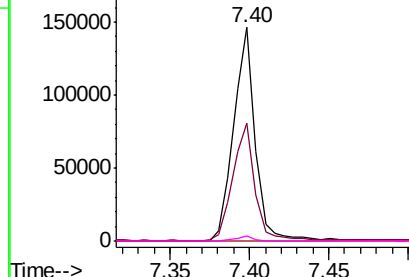
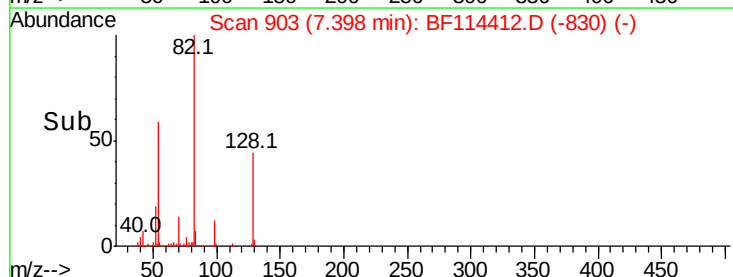
42 54.9 58.6 87.8#

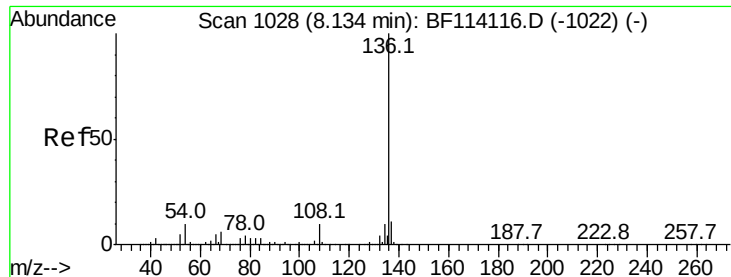
101 0.0 7.8 11.8#

130 2.3 17.1 25.7#



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

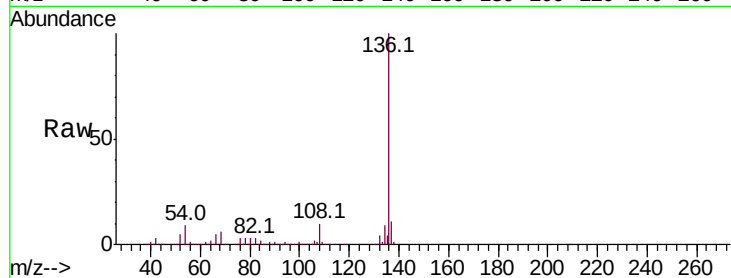




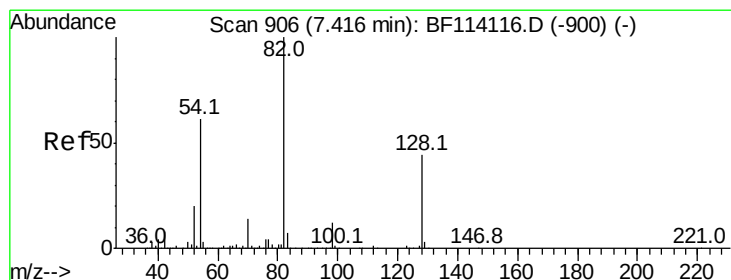
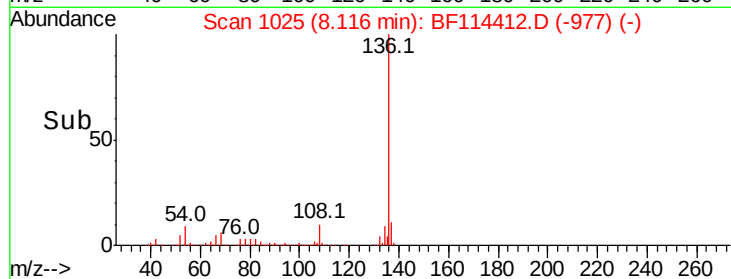
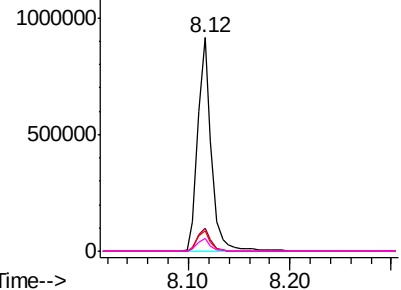
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	846930
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.4	7.8	11.8
68	6.1	5.1	7.7

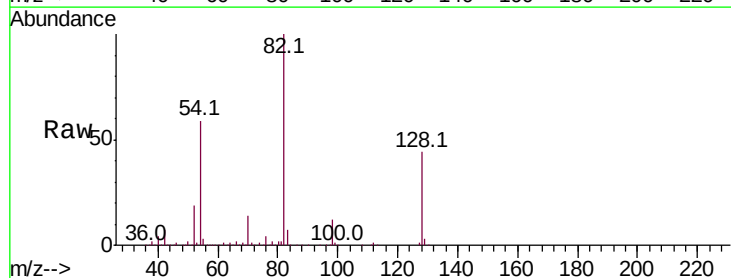


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

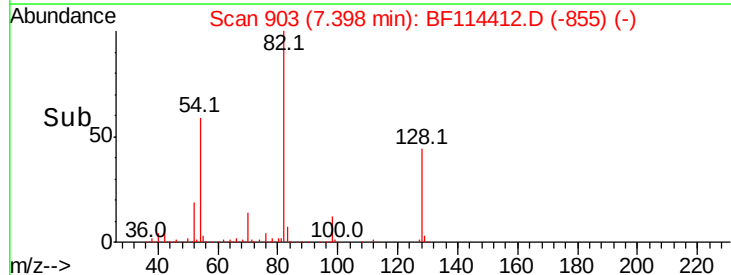
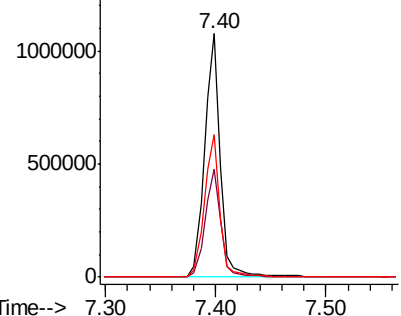


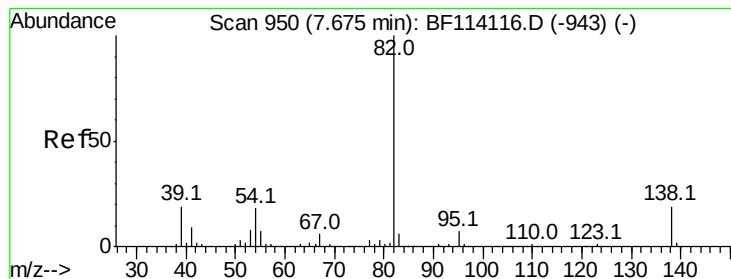
#23
Nitrobenzene-d5
Concen: 69.894 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Tgt Ion:	82	Resp:	1054791
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	58.7	48.5	72.7



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: 37.691 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

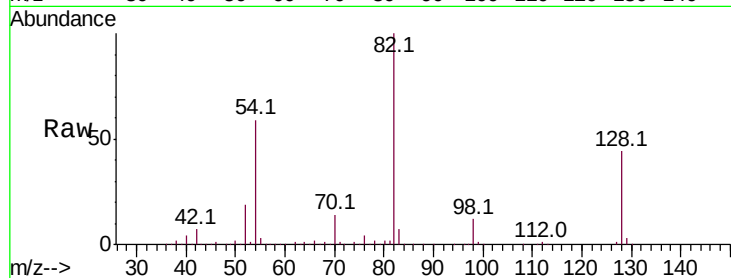
Tot Ion: 82 Resp: 1054915

Ion Ratio Lower Upper

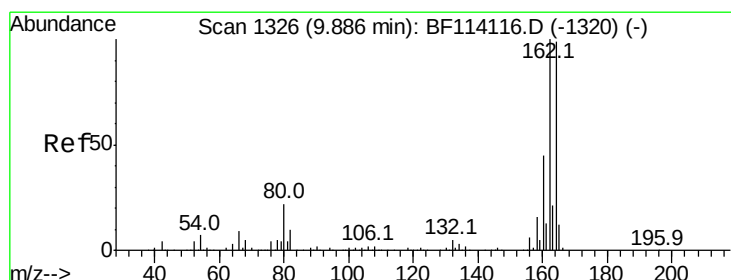
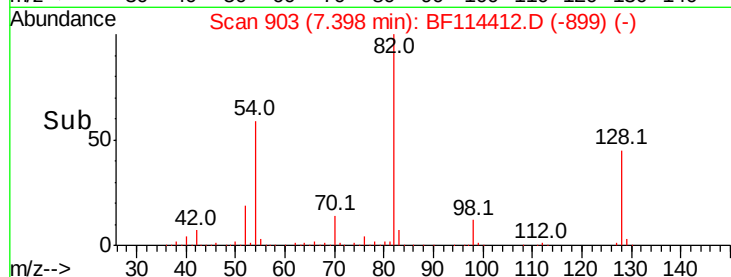
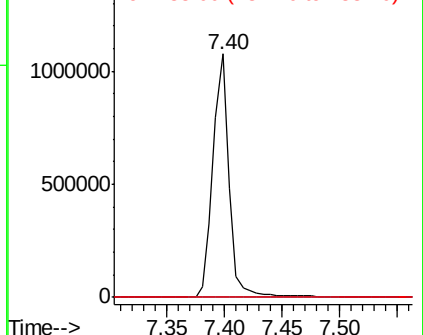
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



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: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

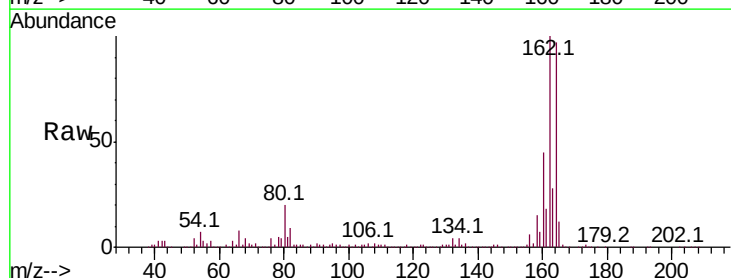
Tgt Ion:164 Resp: 374883

Ion Ratio Lower Upper

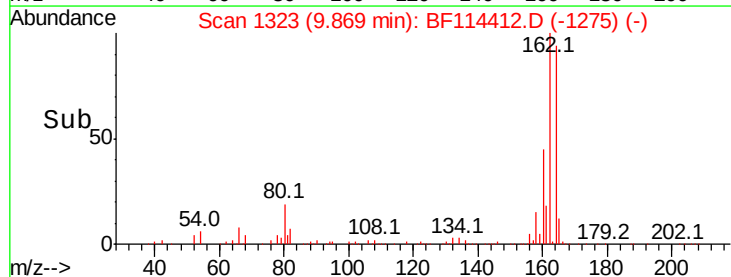
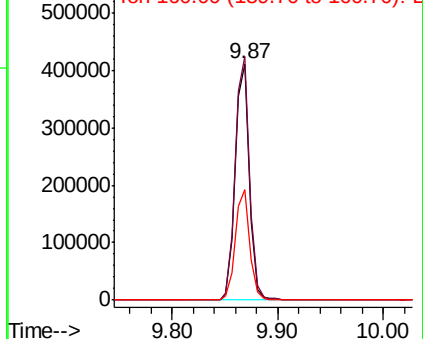
164 100

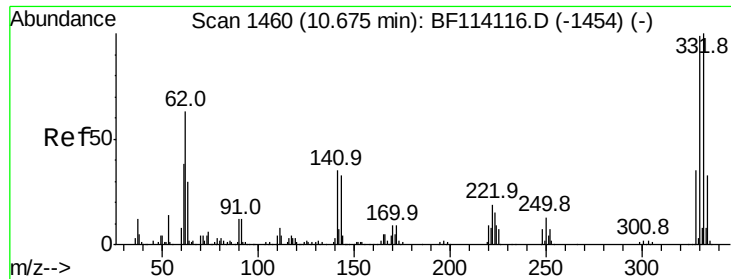
162 103.0 80.6 120.8

160 46.8 36.5 54.7



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

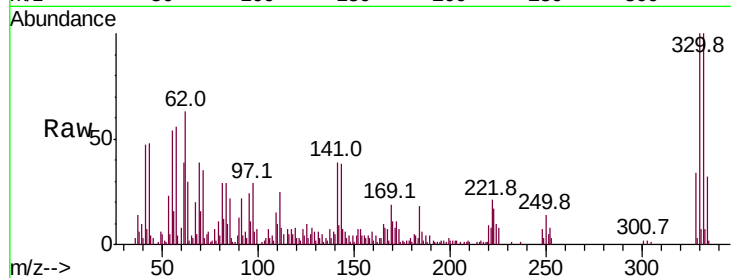




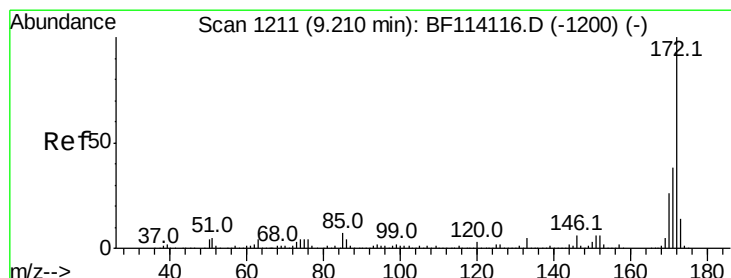
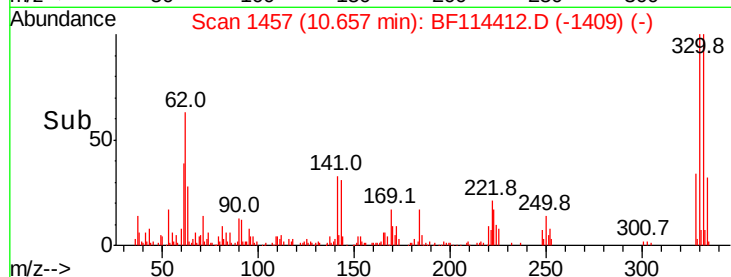
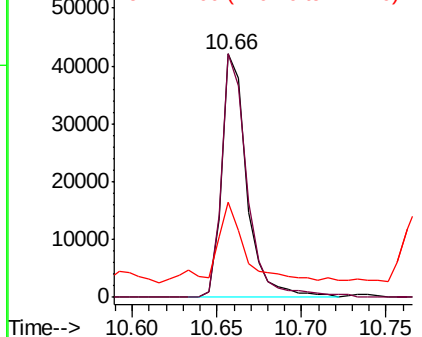
#42
 2,4,6-Tribromophenol
 Concen: 11.276 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 43701
 Ion Ratio Lower Upper
 330 100
 332 101.9 81.4 122.2
 141 40.9 26.6 40.0#

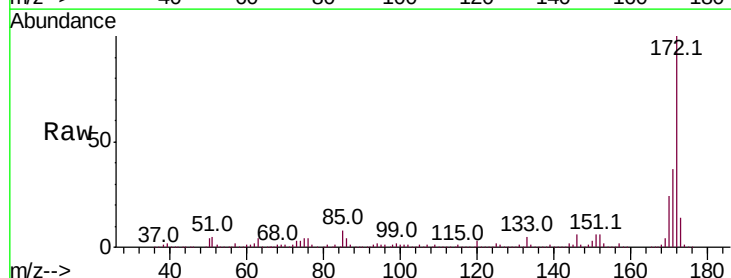


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

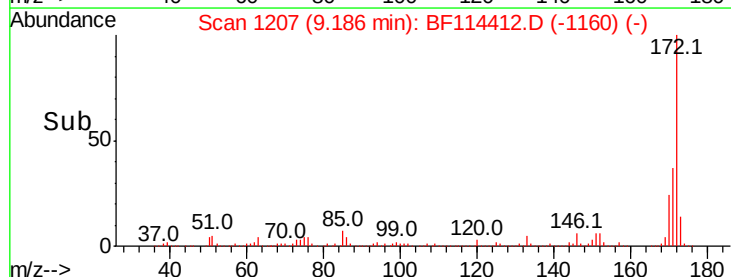
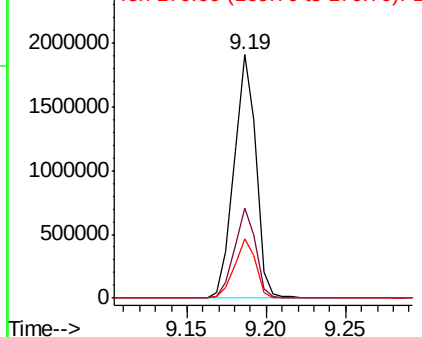


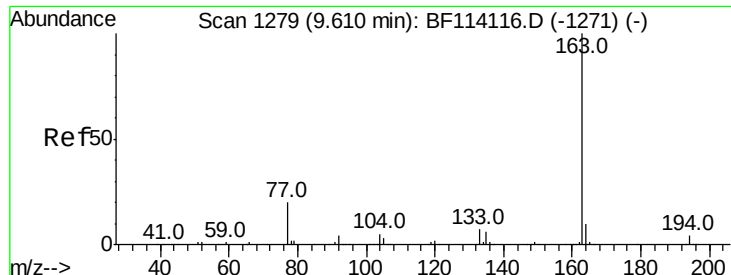
#45
 2-Fluorobiphenyl
 Concen: 73.967 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

Tgt Ion:172 Resp: 1833130
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.2 20.5 30.7



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

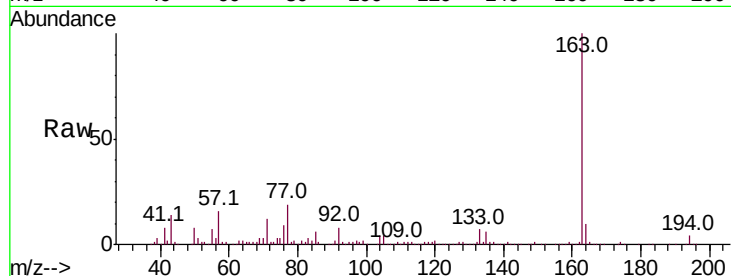




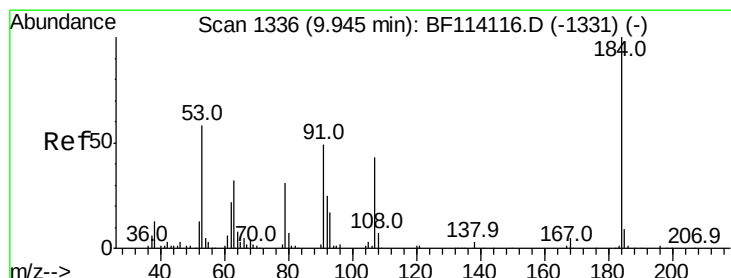
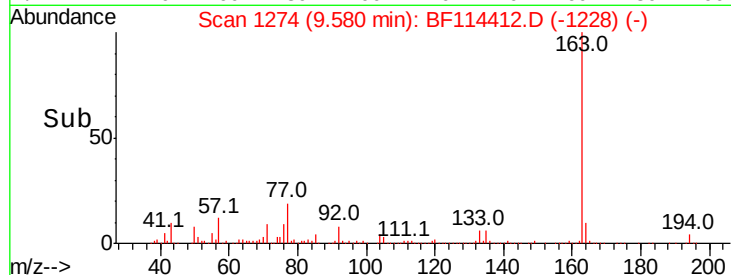
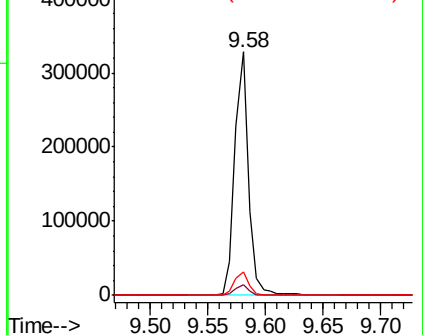
#50
Dimethylphthalate
Concen: 9.822 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 270301
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.7 8.2 12.2

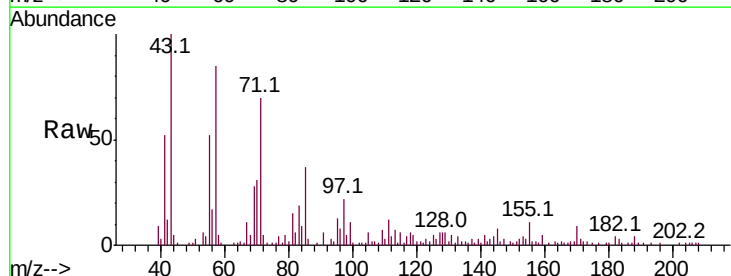


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

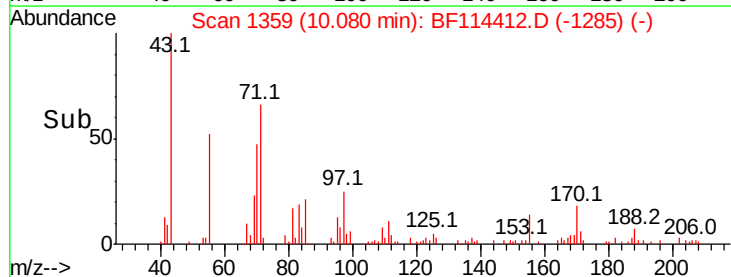
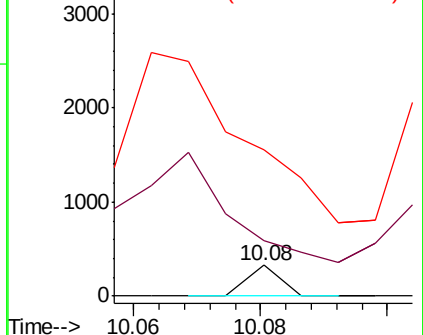


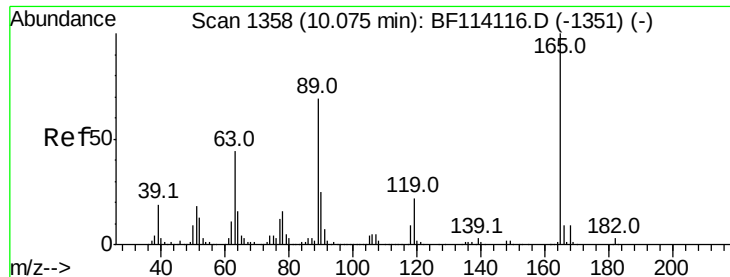
#54
2,4-Dinitrophenol
Concen: 6.779 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.14 min
Lab File: BF114412.D
Acq: 19 May 2019 1:52

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 182.7 55.6 83.4#
154 479.0 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

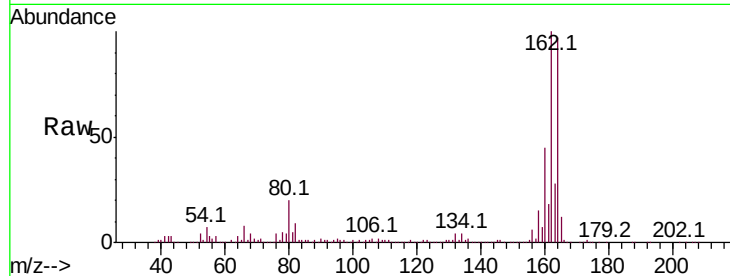




#57
 2,4-Dinitrotoluene
 Concen: 6.173 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	35.5	53.3#
89	1.9	55.2	82.8#
182	0.0	2.2	3.2#

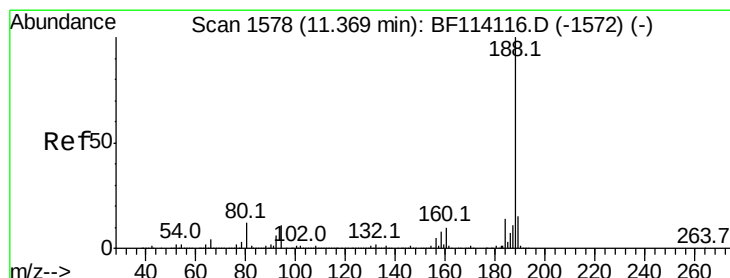
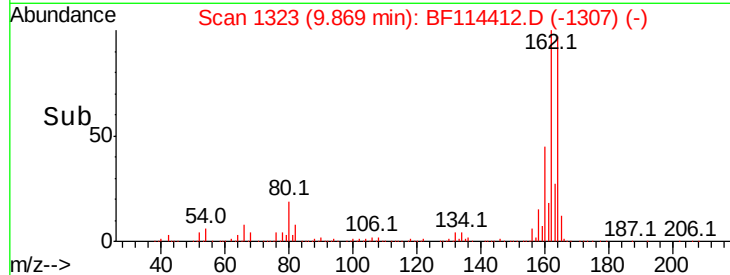
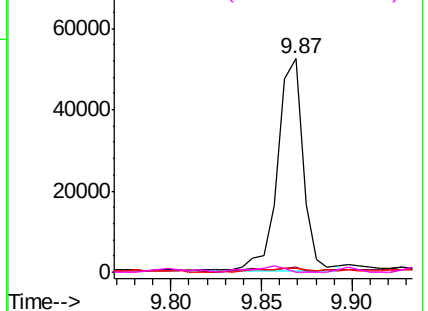


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

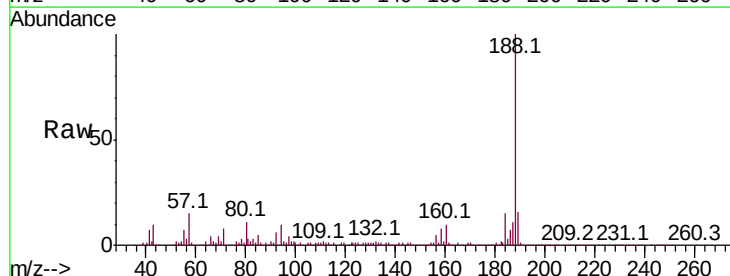
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114412.D
 Acq: 19 May 2019 1:52

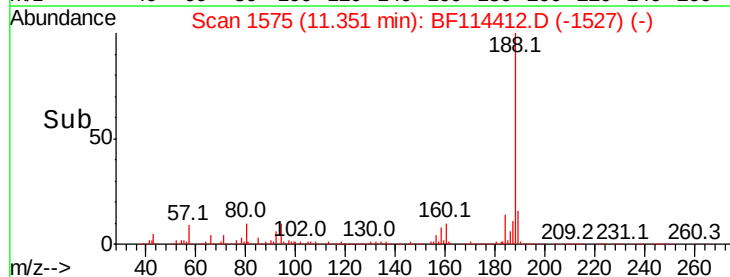
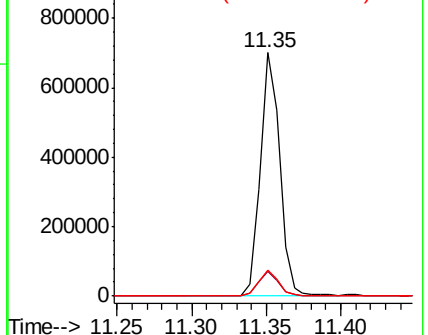
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.5	9.2	13.8

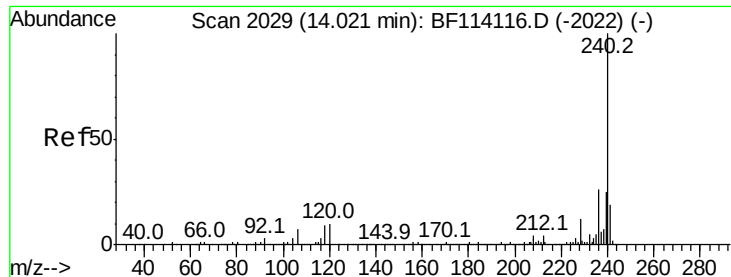


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

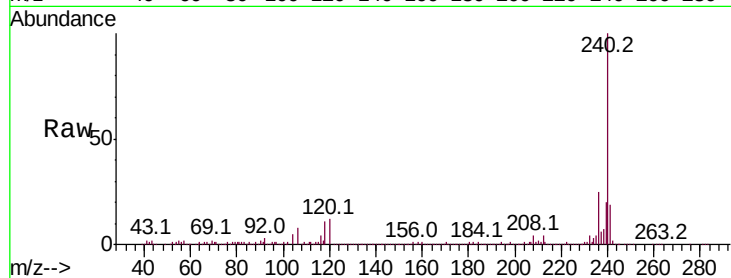
Tot Ion:240 Resp: 436674

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

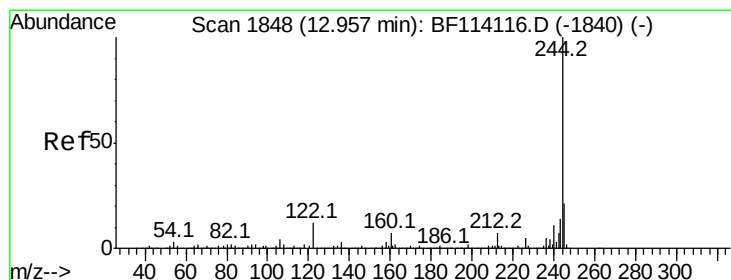
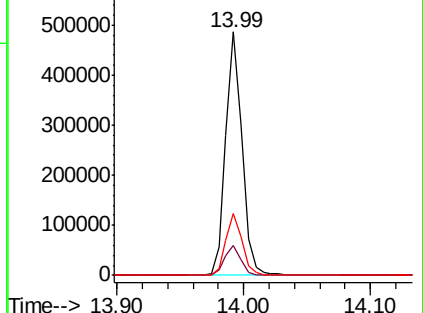
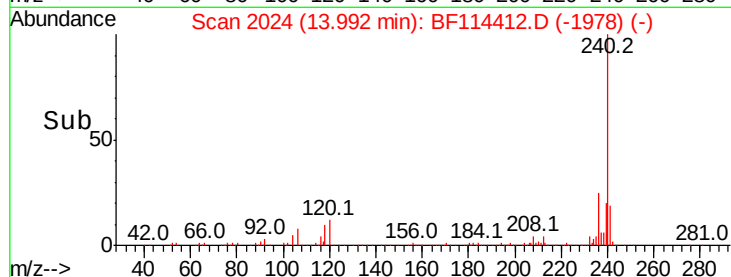
236 25.3 20.8 31.2



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: 67.485 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

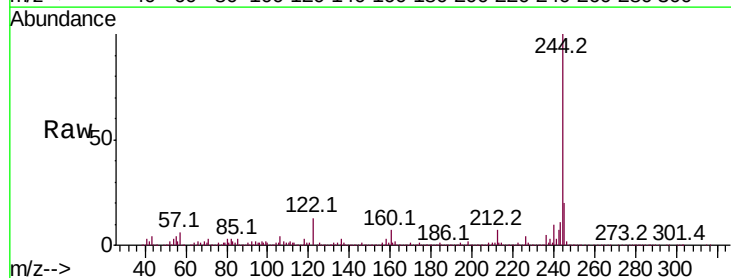
Tgt Ion:244 Resp: 1429548

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

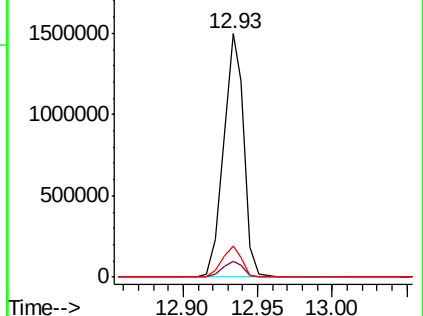
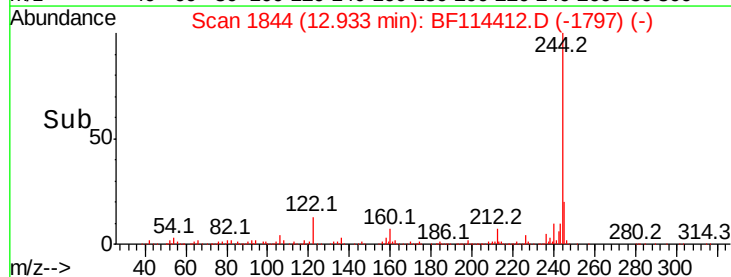
122 12.8 9.4 14.2

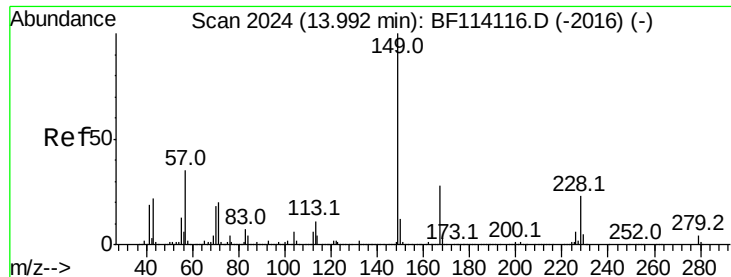


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.777 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.04 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

Instrument :

BNA_F

ClientSampleId :

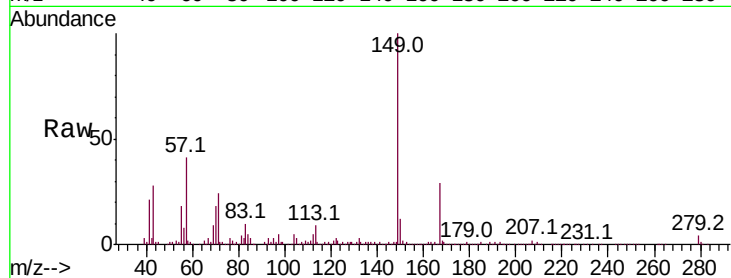
Tot Ion:149 Resp: 150388

Ion Ratio Lower Upper

149 100

167 28.7 22.6 33.8

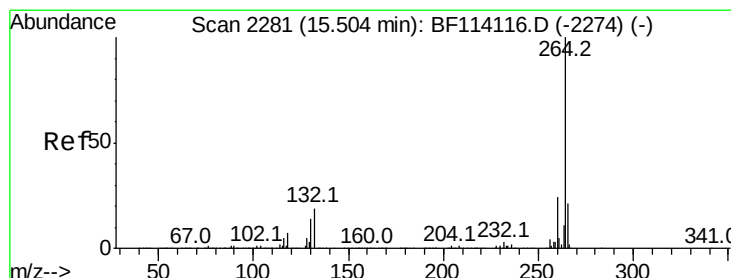
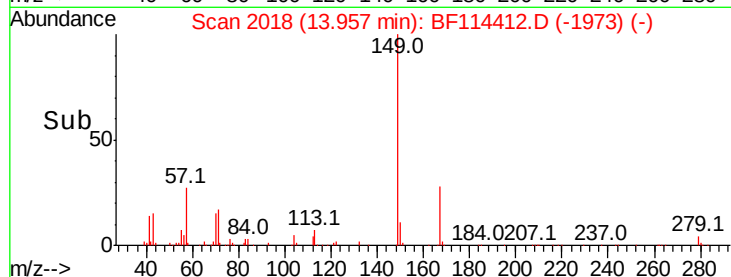
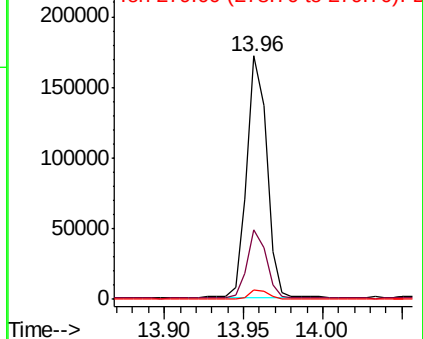
279 3.8 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114412.D

Acq: 19 May 2019 1:52

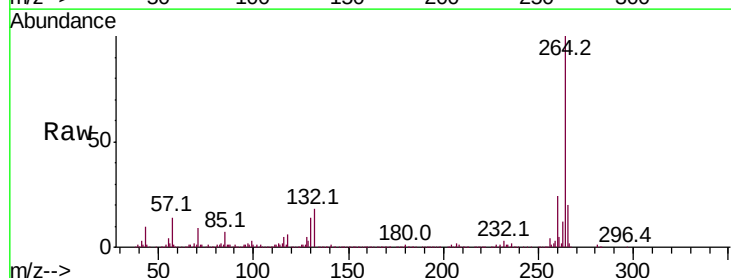
Tgt Ion:264 Resp: 481321

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 20.2 16.9 25.3



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

