

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114444.D
 Acq On : 21 May 2019 2:16
 Operator : JU/SJ
 Sample : K2943-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-4

Quant Time: May 21 11:14:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

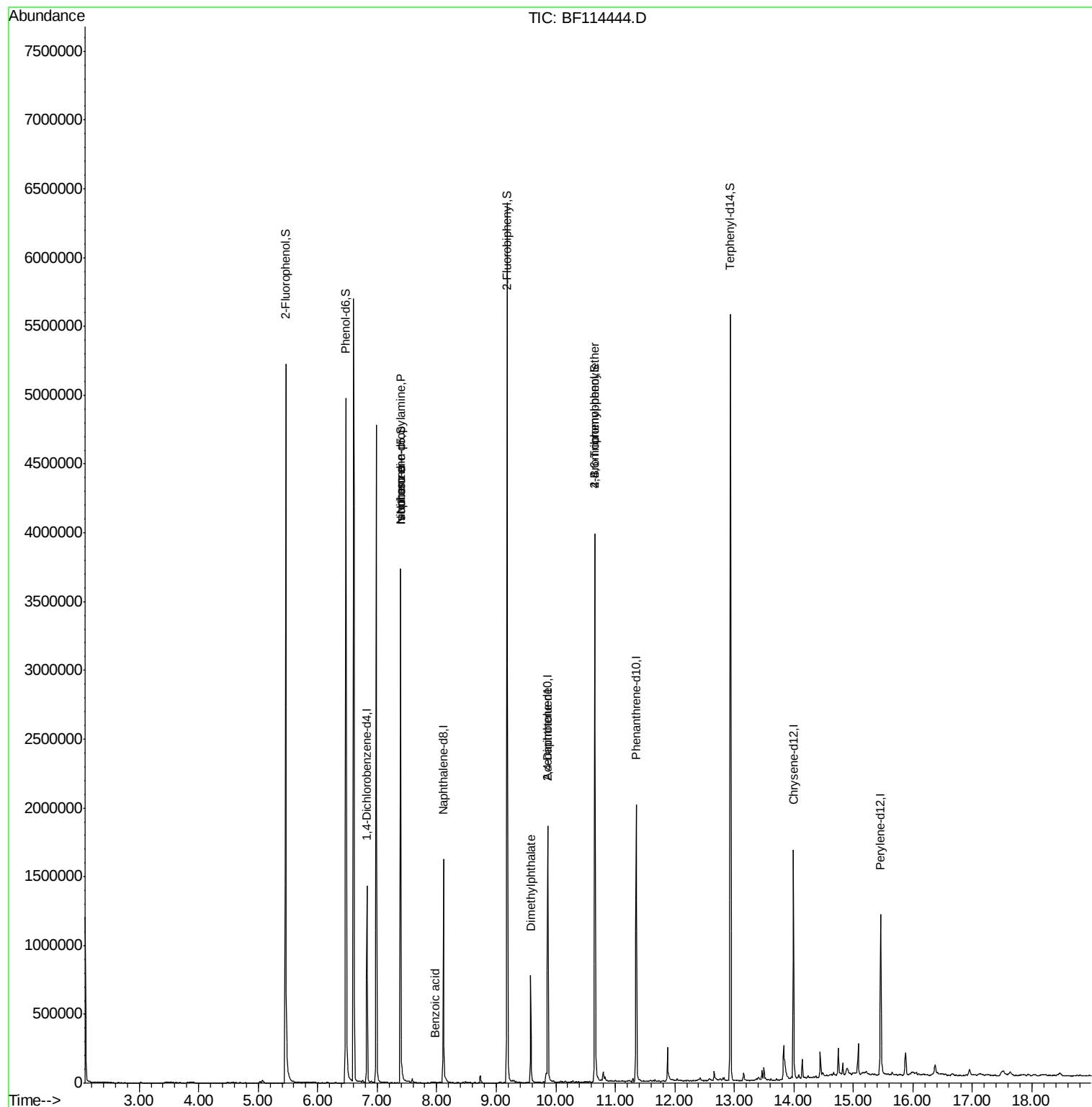
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	198030	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	763274	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	365927	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	751092	20.00	ng	0.00
76) Chrysene-d12	13.99	240	573088	20.00	ng	-0.01
87) Perylene-d12	15.46	264	544857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1474108	119.79	ng	0.00
7) Phenol-d6	6.47	99	1956202	134.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1195653	87.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	493146	130.36	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2040856	84.36	ng	0.00
79) Terphenyl-d14	12.94	244	2175506	78.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	157160	17.036	ng	# 75
25) Isophorone	7.39	82	1195639	47.401	ng	# 64
32) Benzoic acid	7.98	122	137	7.036	ng	# 1
50) Dimethylphthalate	9.58	163	339447	12.636	ng	99
57) 2,4-Dinitrotoluene	9.86	165	44895	5.552	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	31565	3.817	ng	# 1

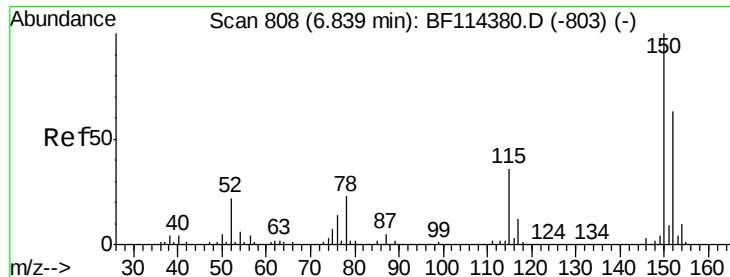
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

Instrument :

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ClientSampleId :

GIS-4

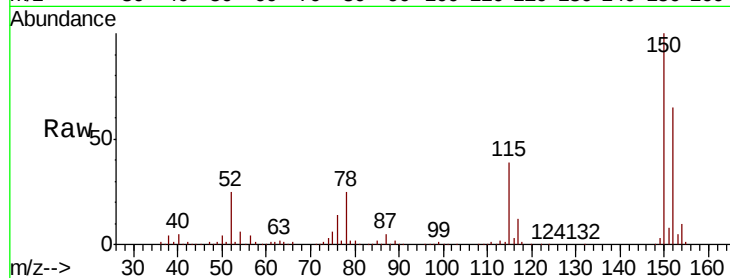
Tot Ion:152 Resp: 198030

Ion Ratio Lower Upper

152 100

150 154.1 124.3 186.5

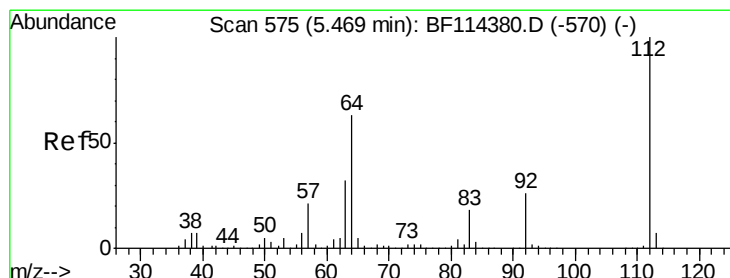
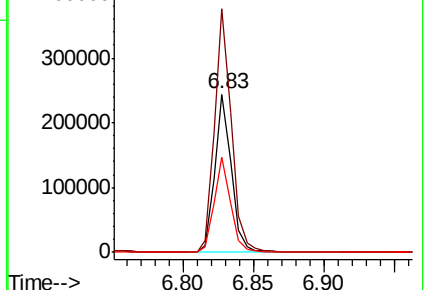
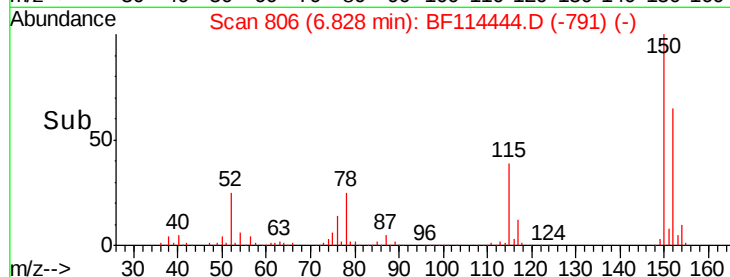
115 60.0 49.1 73.7



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: 119.791 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

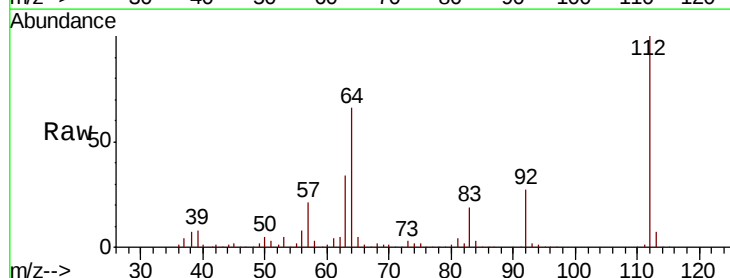
Tgt Ion:112 Resp: 1474108

Ion Ratio Lower Upper

112 100

64 65.7 49.0 73.6

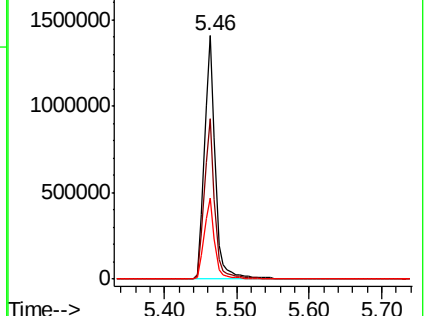
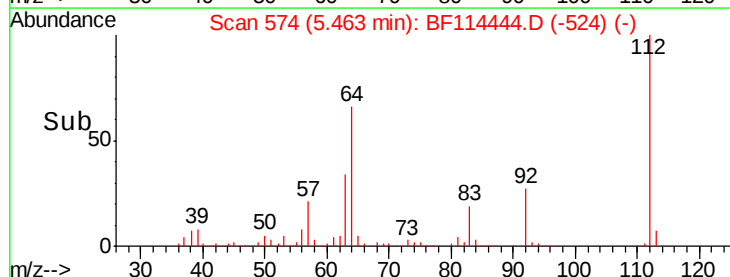
63 33.5 24.6 37.0

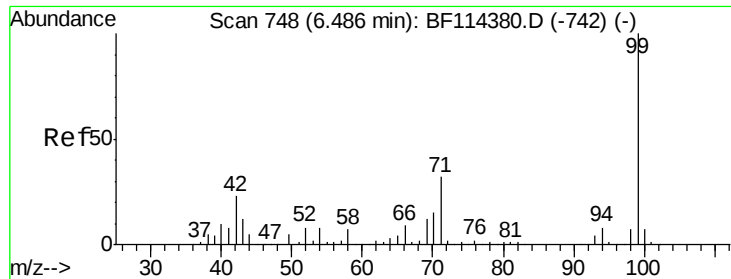


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.407 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

Instrument :

BNA_F

ClientSampleId :

GIS-4

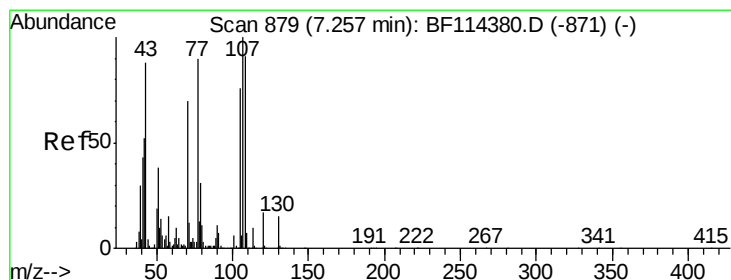
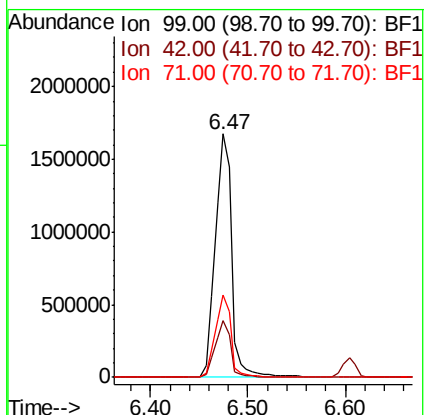
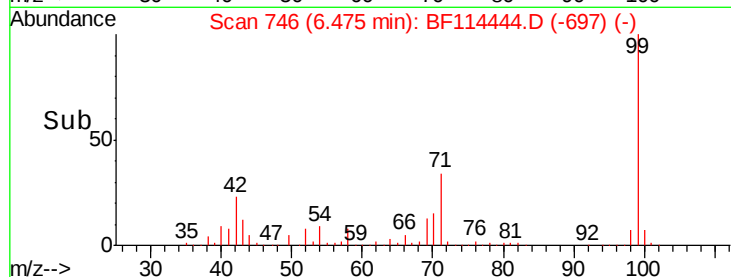
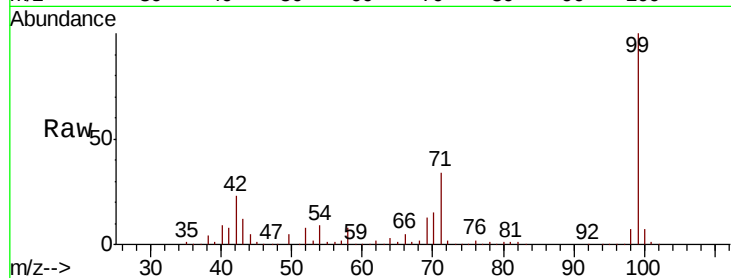
Tot Ion: 99 Resp: 1956202

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 33.9 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.036 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

Tgt Ion: 70 Resp: 157160

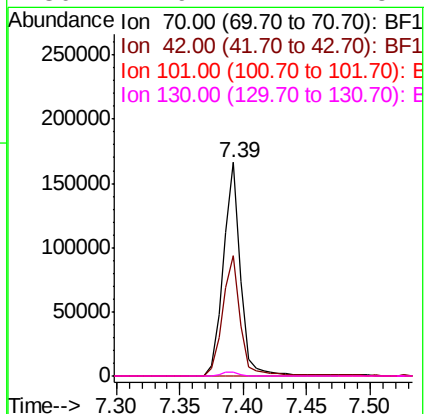
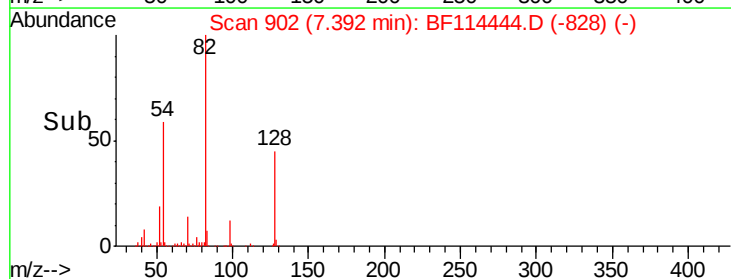
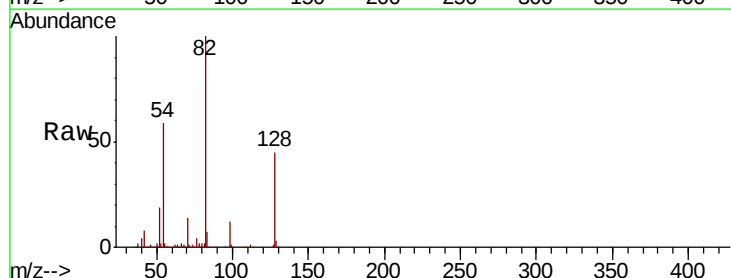
Ion Ratio Lower Upper

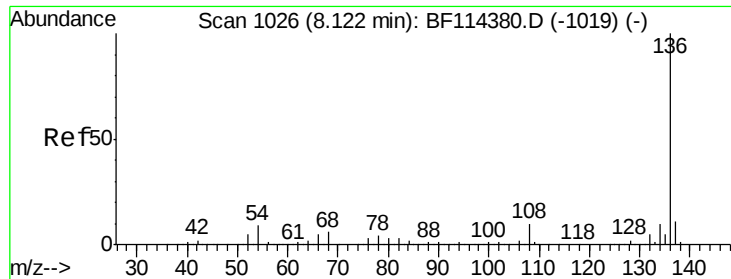
70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

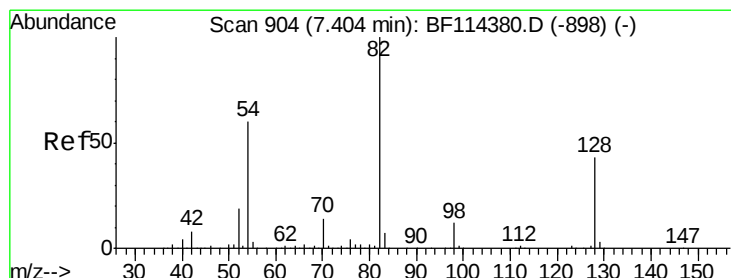
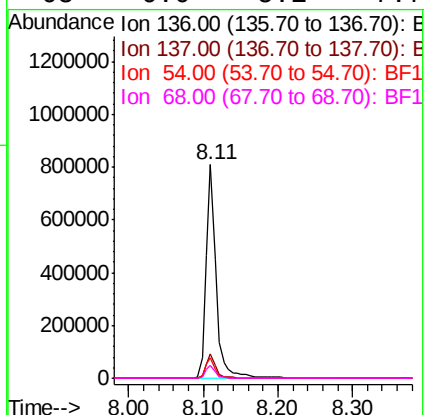
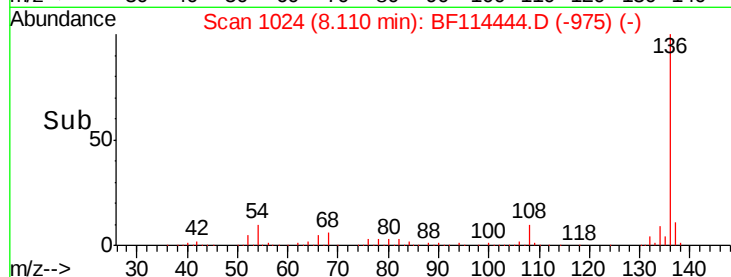
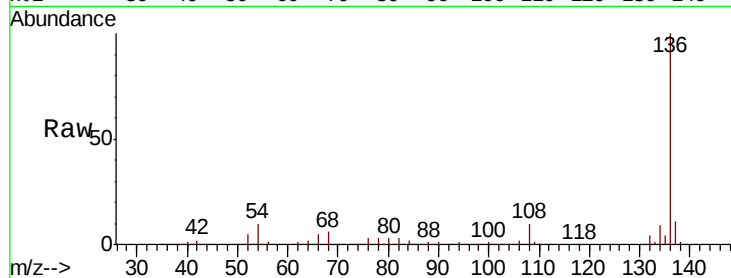




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

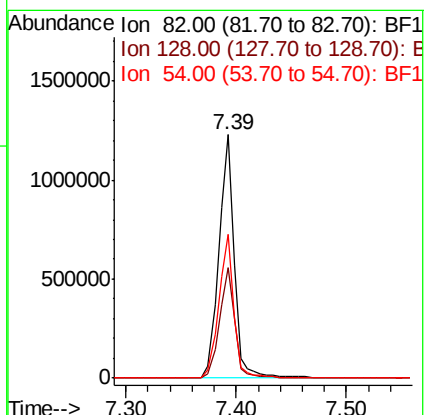
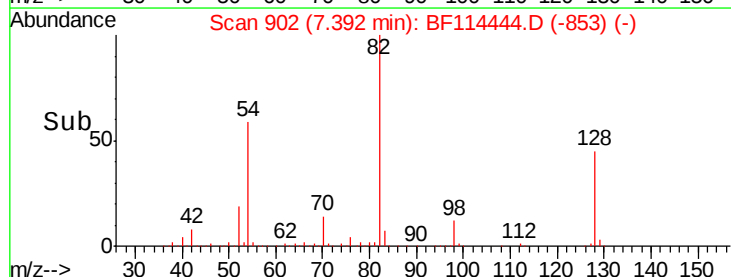
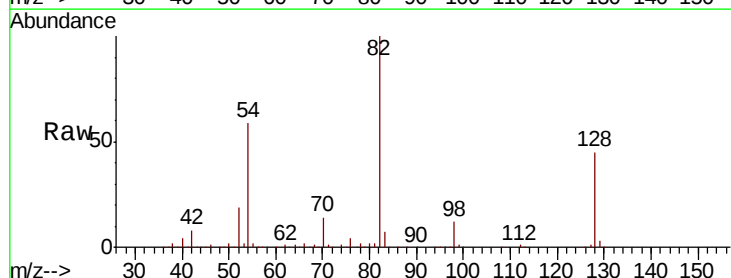
Instrument :
BNA_F
ClientSampleId :
GIS-4

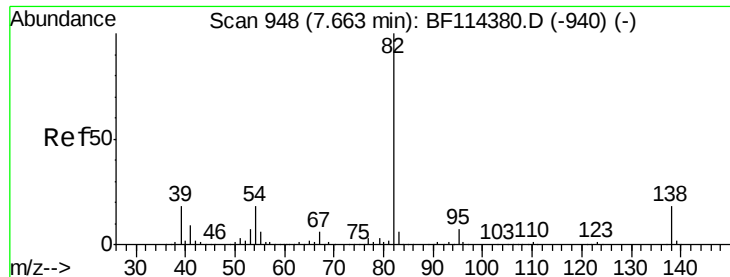
Tot Ion:136 Resp: 763274
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.8 11.8
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.911 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

Tgt Ion: 82 Resp: 1195653
Ion Ratio Lower Upper
82 100
128 45.2 35.5 53.3
54 59.0 48.5 72.7





#25

Isophorone

Concen: 47.401 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

Instrument :

BNA_F

ClientSampleId :

GIS-4

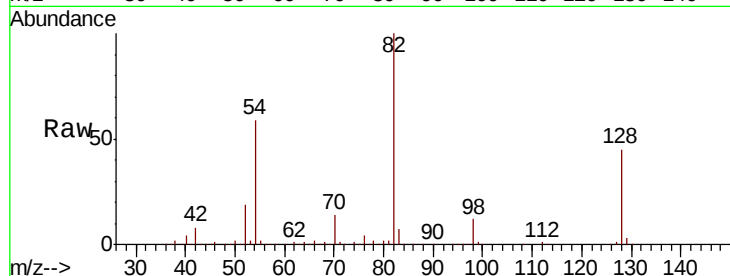
Tot Ion: 82 Resp: 1195639

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

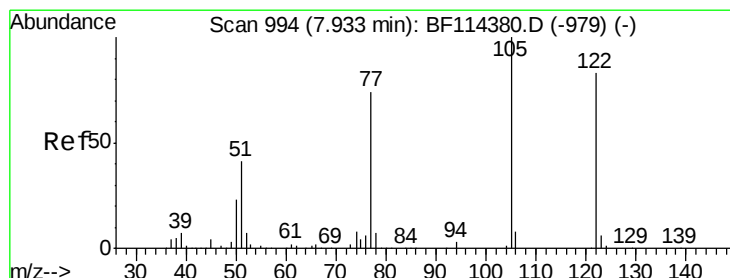
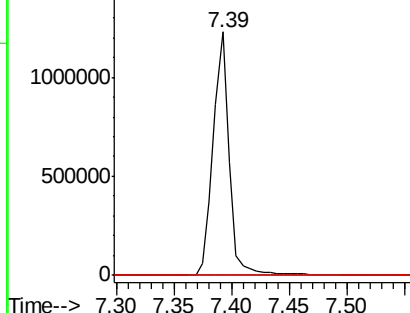
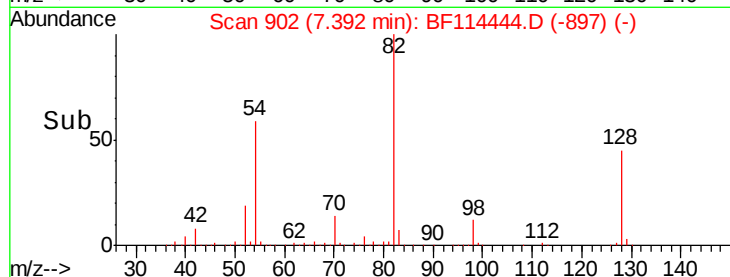
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.036 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.05 min

Lab File: BF114444.D

Acq: 21 May 2019 2:16

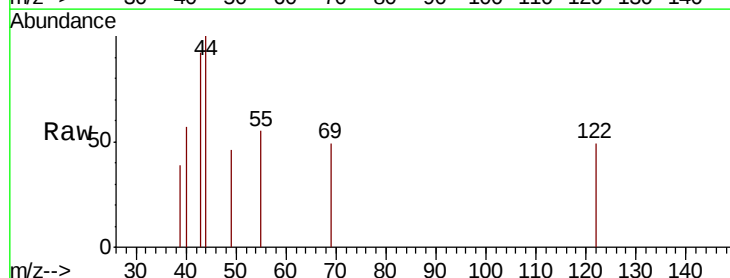
Tgt Ion: 122 Resp: 137

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

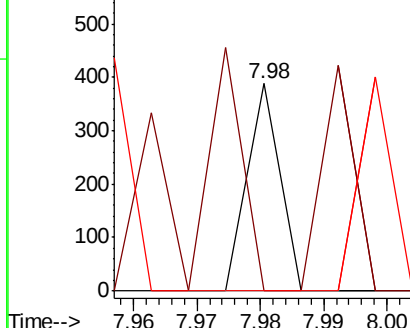
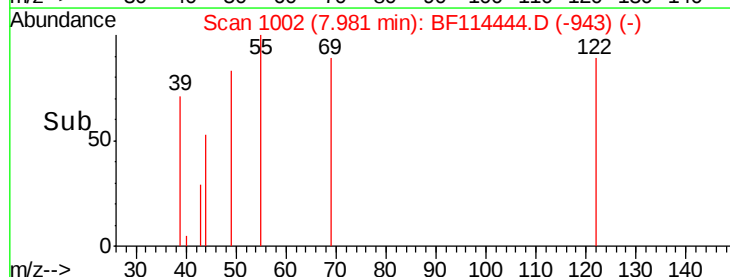
77 0.0 69.4 109.4#

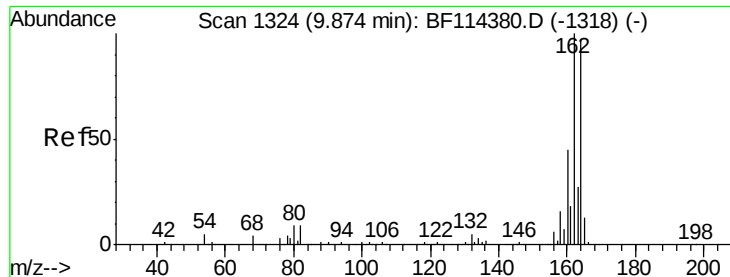


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

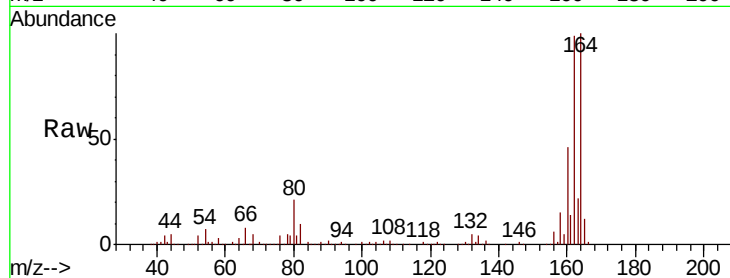




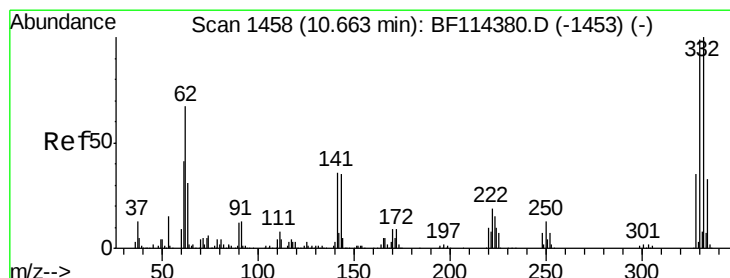
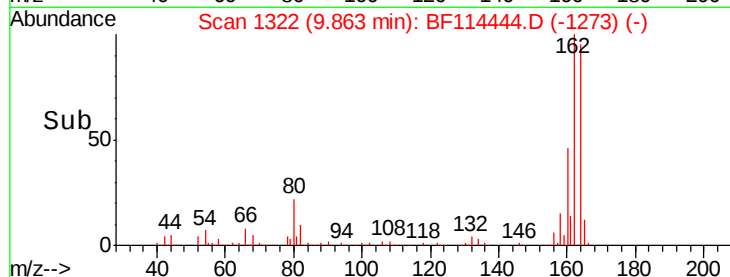
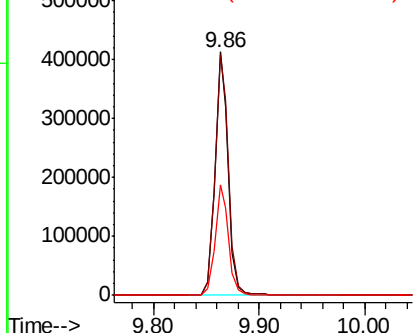
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

Instrument :
 BNA_F
 ClientSampleId :
 GIS-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	120.8
160	45.6	36.5	54.7

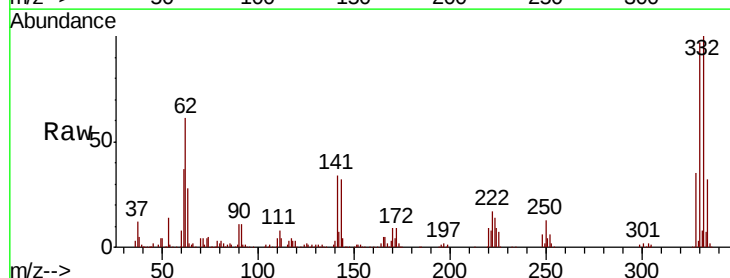


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

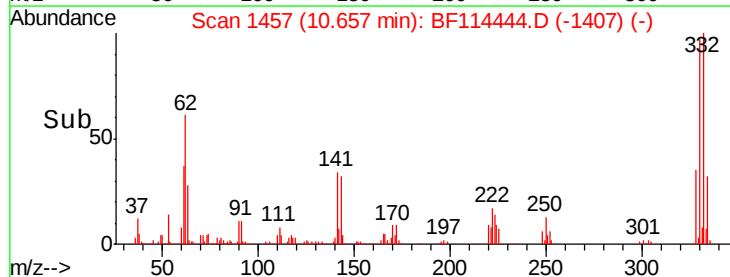
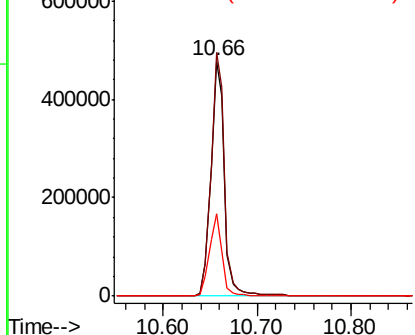


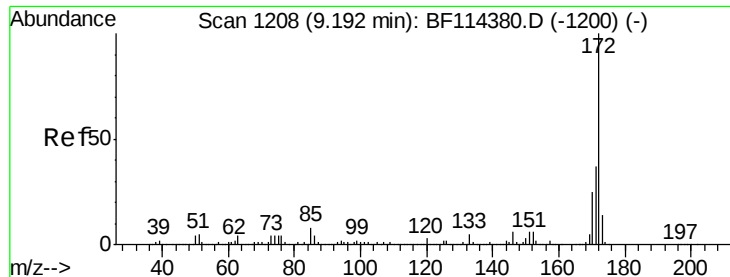
#42
 2,4,6-Tribromophenol
 Concen: 130.356 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.8	81.4	122.2
141	32.9	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

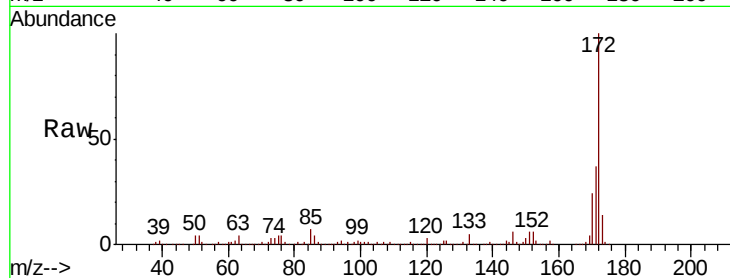




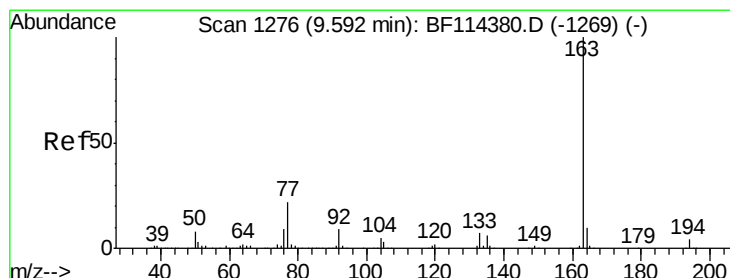
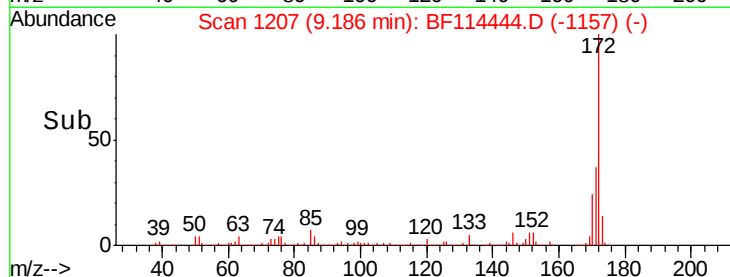
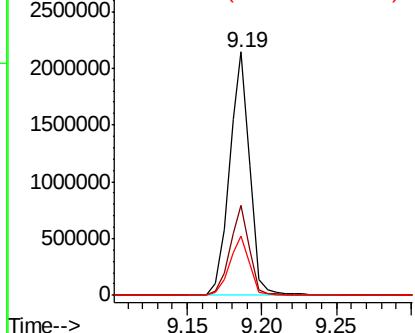
#45
2-Fluorobiphenyl
Concen: 84.365 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

Instrument :
BNA_F
ClientSampled :
GIS-4

Tot Ion:172 Resp: 2040856
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 24.4 20.5 30.7

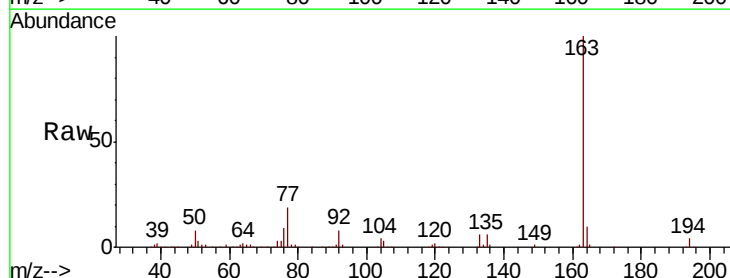


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

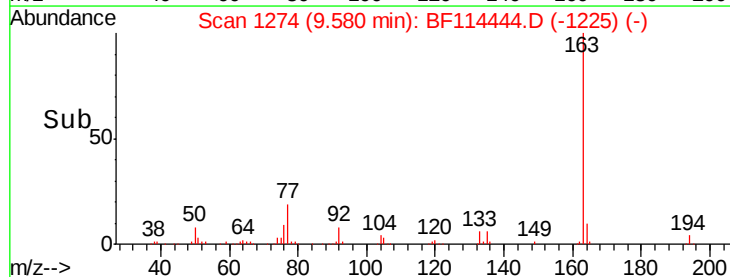
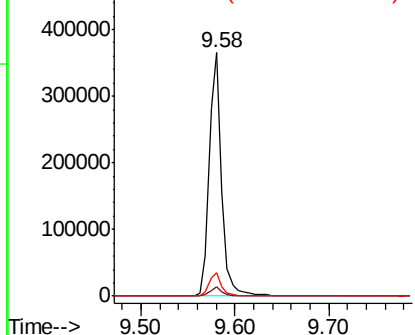


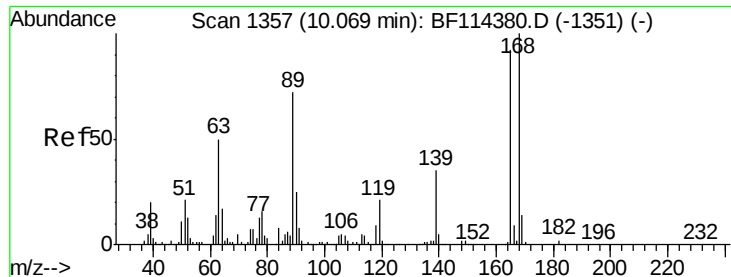
#50
Dimethylphthalate
Concen: 12.636 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

Tgt Ion:163 Resp: 339447
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 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

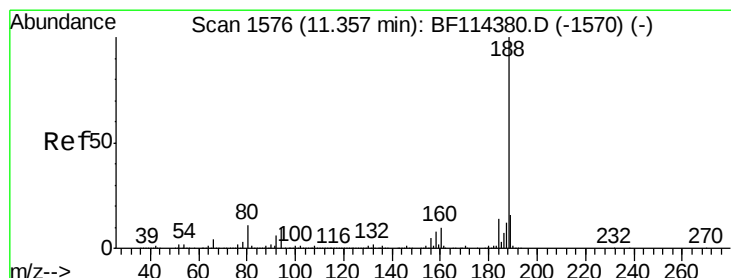
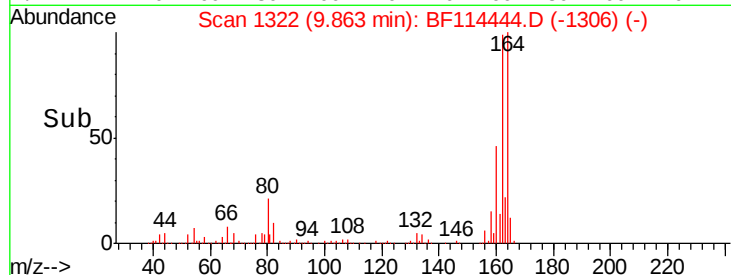
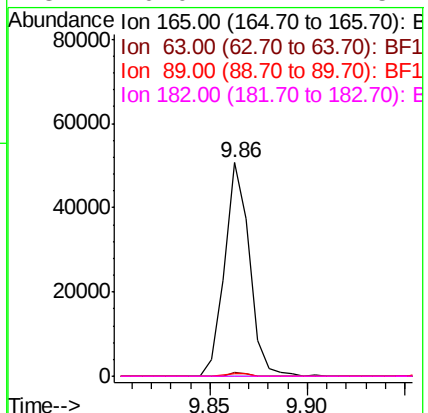
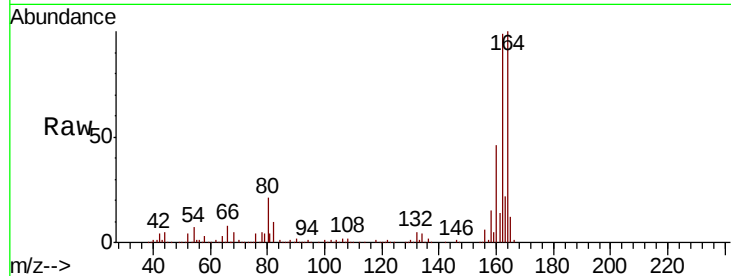




#57
 2,4-Dinitrotoluene
 Concen: 5.552 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

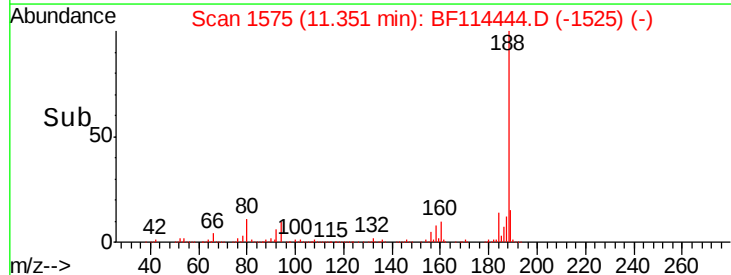
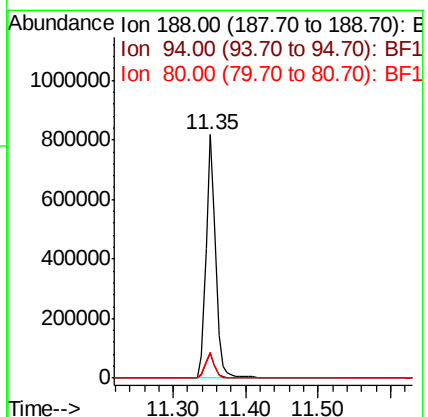
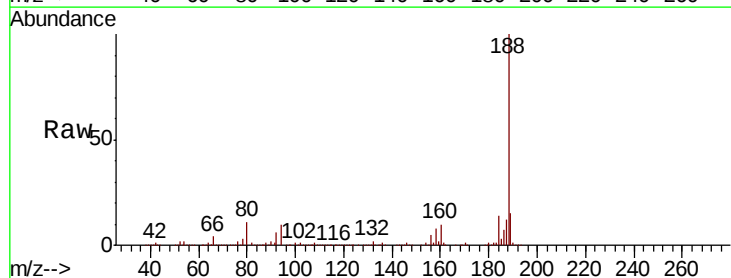
Instrument :
 BNA_F
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 GIS-4

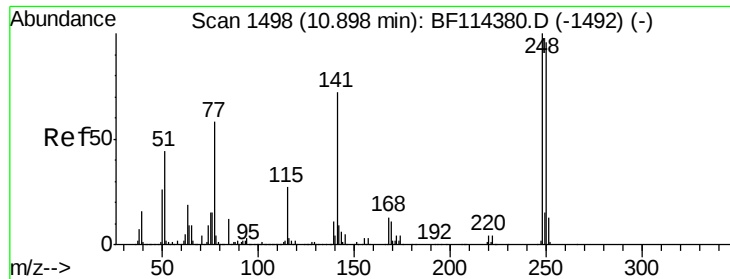
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.9	9.2	13.8

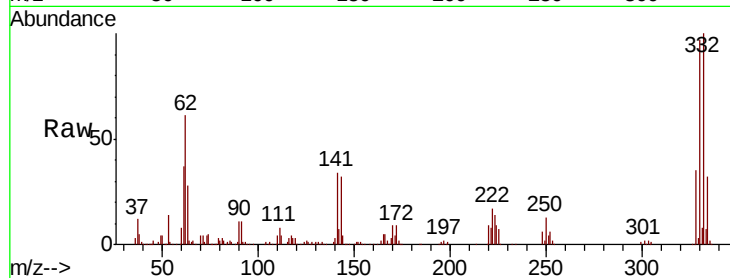




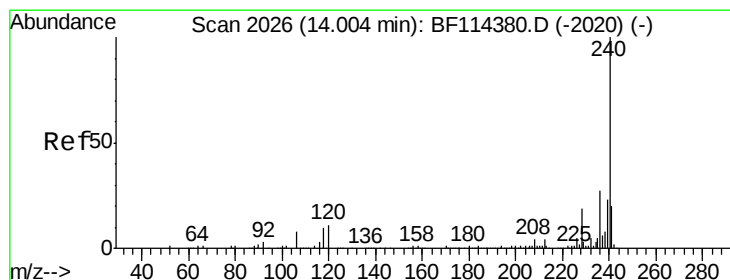
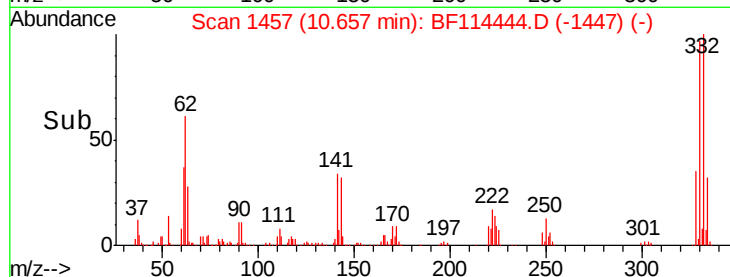
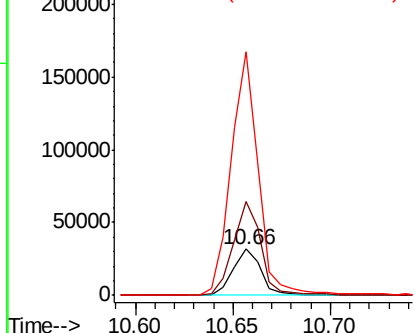
#67
4-Bromophenyl-phenylether
Concen: 3.817 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

Instrument :
BNA_F
ClientSampleId :
GIS-4

Tot Ion:248 Resp: 31565
Ion Ratio Lower Upper
248 100
250 203.5 77.4 116.2#
141 527.1 55.6 83.4#

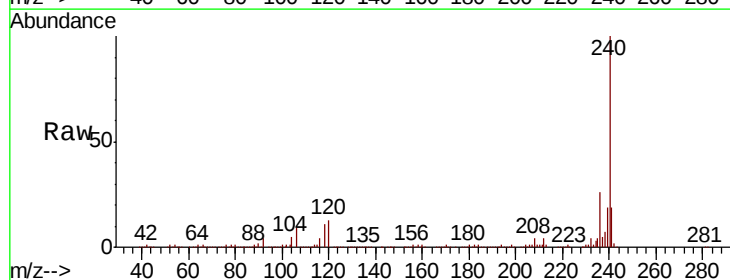


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

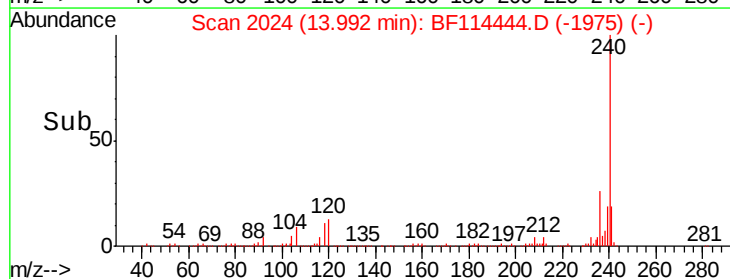
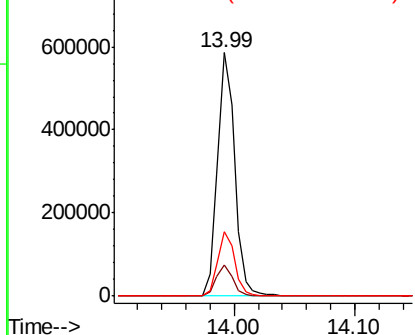


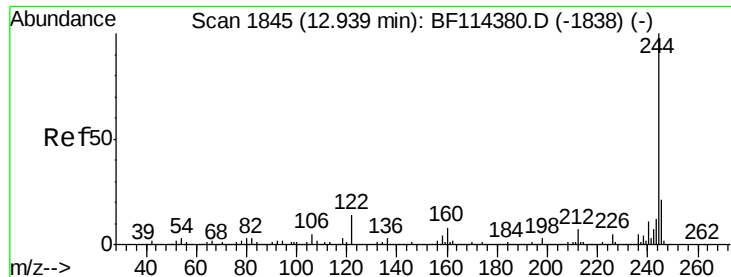
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114444.D
Acq: 21 May 2019 2:16

Tgt Ion:240 Resp: 573088
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5#
236 26.4 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

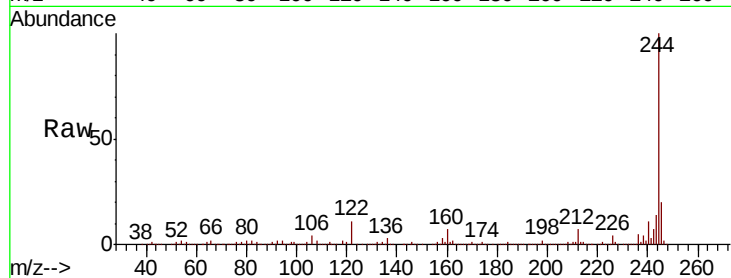




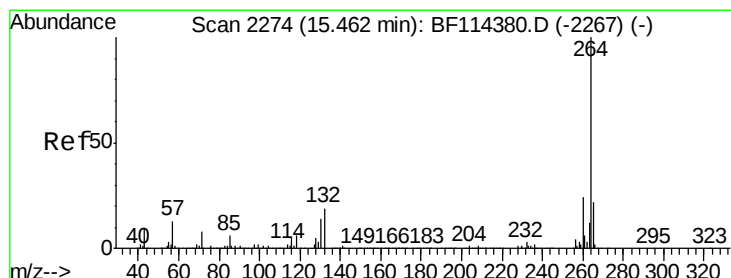
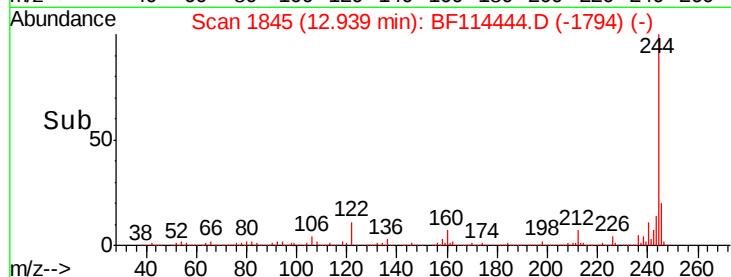
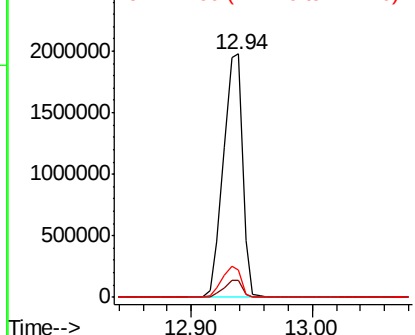
#79
 Terphenyl-d14
 Concen: 78.254 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

Instrument :
 BNA_F
 ClientSampled :
 GIS-4

Tot Ion:244 Resp: 2175506
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.1 9.4 14.2

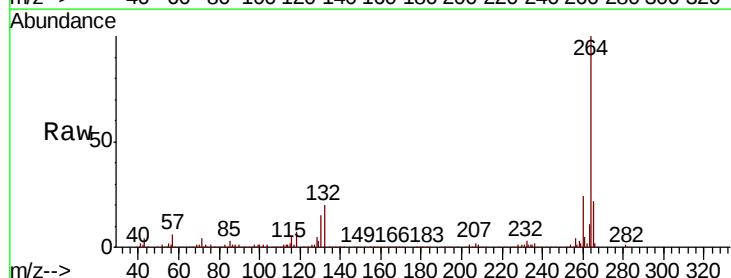


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF114444.D
 Acq: 21 May 2019 2:16

Tgt Ion:264 Resp: 544857
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.6 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

