

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051319\
 Data File : BF114239.D
 Acq On : 13 May 2019 19:45
 Operator : JU/SJ
 Sample : K2766-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-02

Quant Time: May 14 04:49:26 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

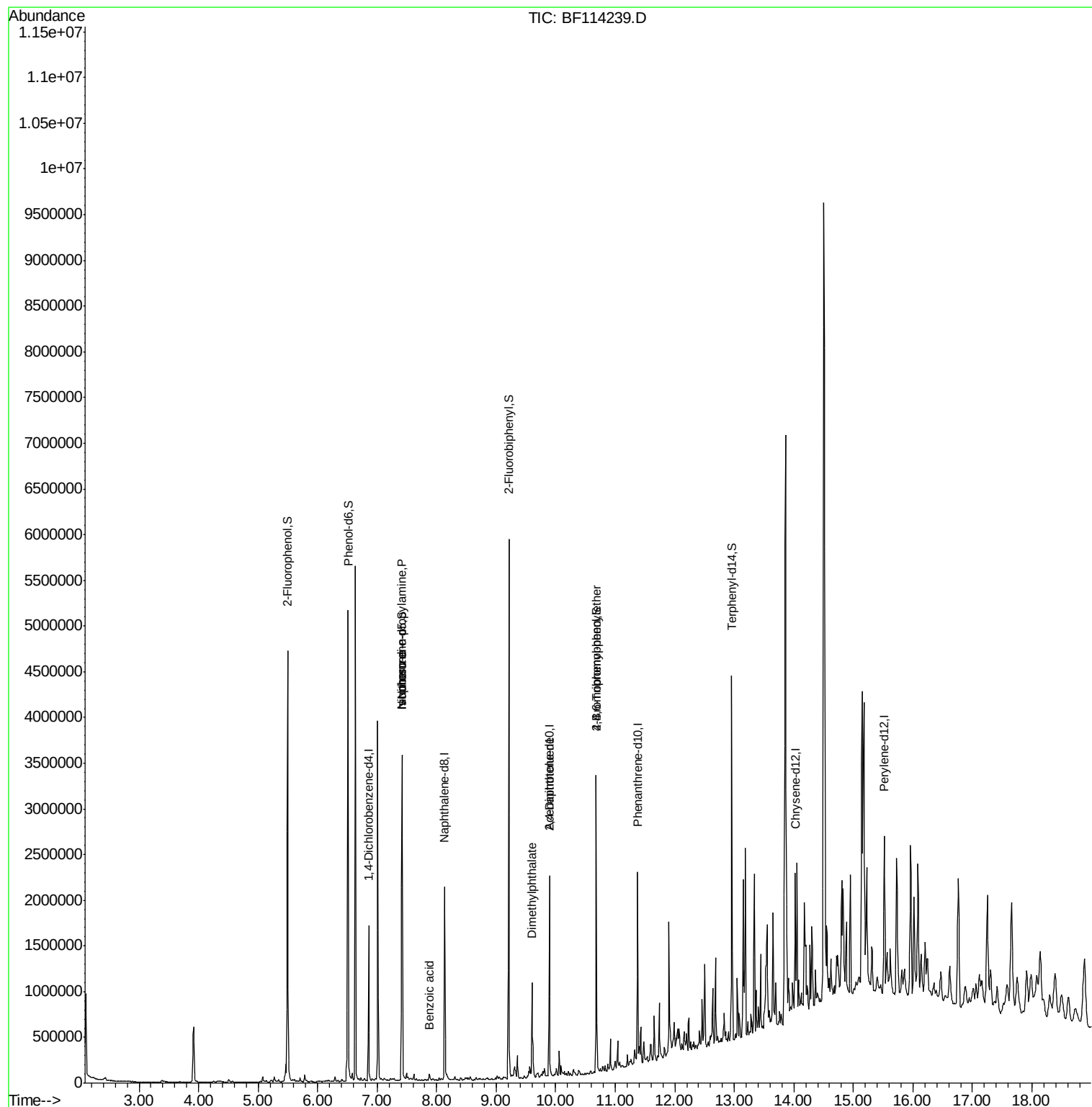
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	250214	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	958507	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	437684	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	770322	20.00	ng	0.00
76) Chrysene-d12	14.02	240	535424	20.00	ng	0.00
87) Perylene-d12	15.52	264	506213	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1398461	89.94	ng	0.01
7) Phenol-d6	6.51	99	1801943	97.99	ng	0.02
23) Nitrobenzene-d5	7.42	82	1147197	67.17	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	382220	84.47	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1774799	61.34	ng	0.00
79) Terphenyl-d14	12.96	244	1391922	53.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	154340	13.241	ng	# 76
25) Isophorone	7.42	82	1144217	36.123	ng	# 64
32) Benzoic acid	7.87	122	8911	7.826	ng	89
50) Dimethylphthalate	9.60	163	411483	12.807	ng	99
57) 2,4-Dinitrotoluene	9.89	165	55742	5.763	ng	# 26
67) 4-Bromophenyl-phenylether	10.68	248	25582	3.016	ng	# 1

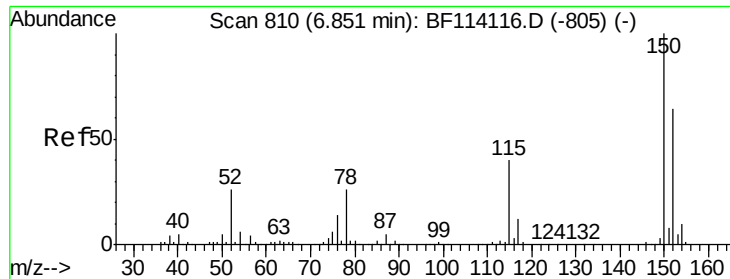
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



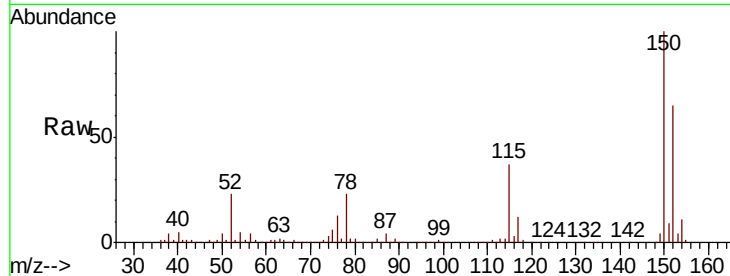


#1

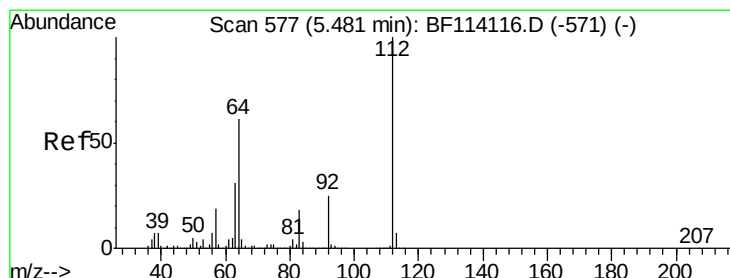
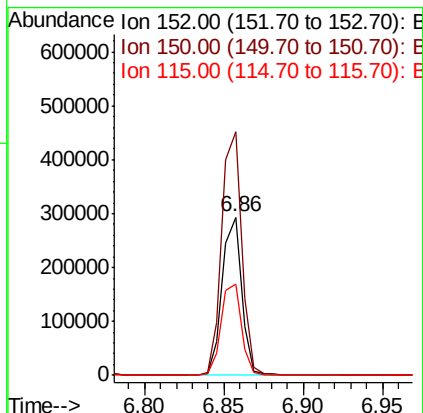
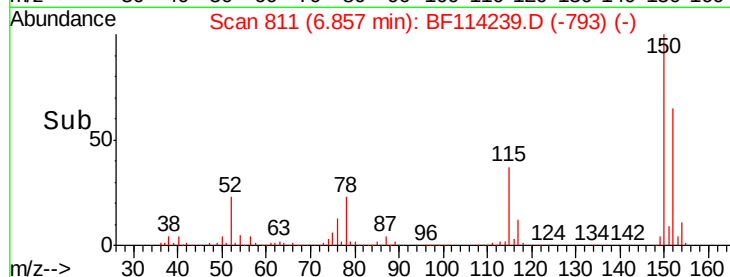
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tgt Ion:152 Resp: 250214
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 57.5 49.1 73.7



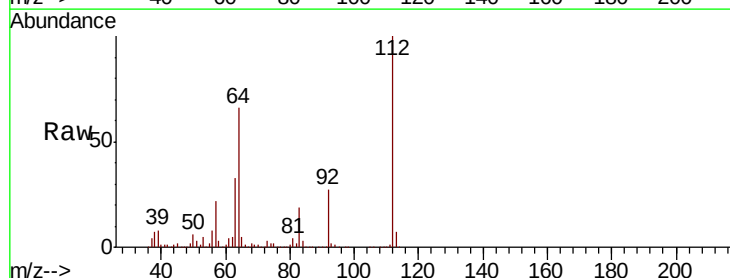
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



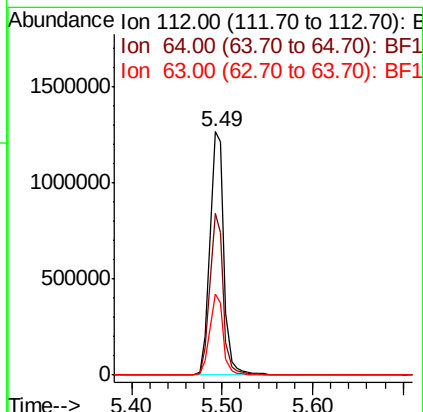
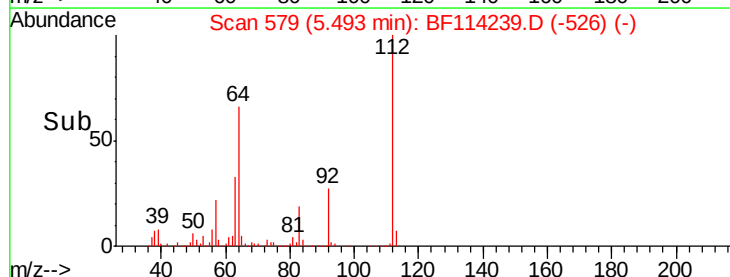
#5

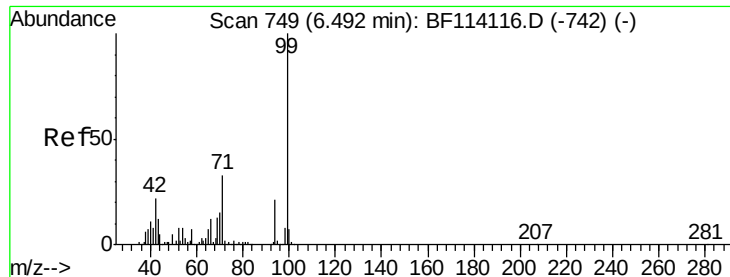
2-Fluorophenol
Concen: 89.943 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:112 Resp: 1398461
Ion Ratio Lower Upper
112 100
64 66.5 49.0 73.6
63 33.4 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: 97.987 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

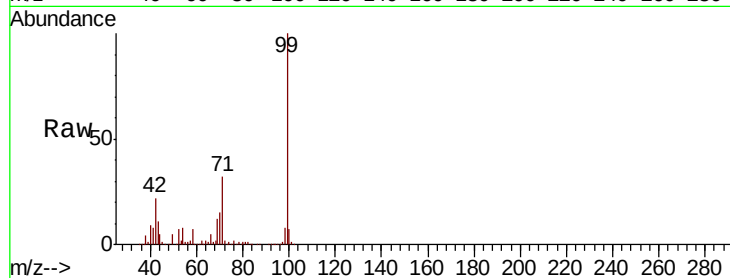
Tgt Ion: 99 Resp: 1801943

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

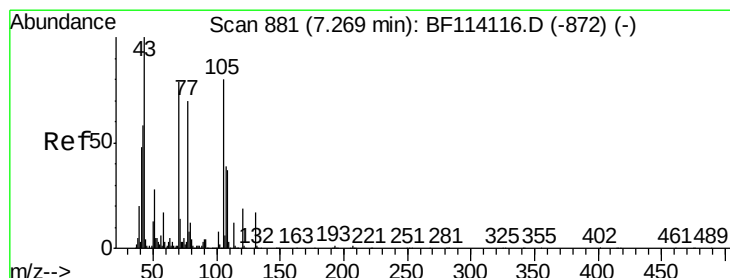
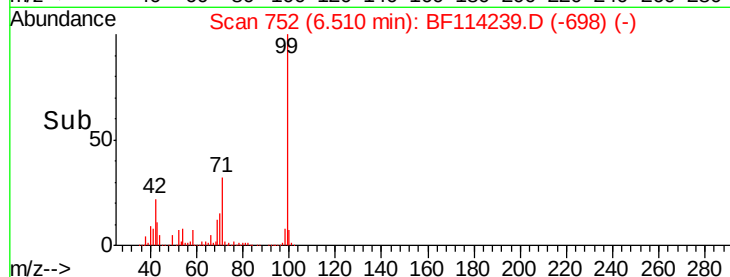
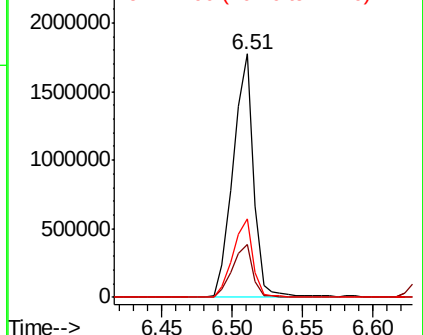
71 32.1 26.2 39.2



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: 13.241 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Tgt Ion: 70 Resp: 154340

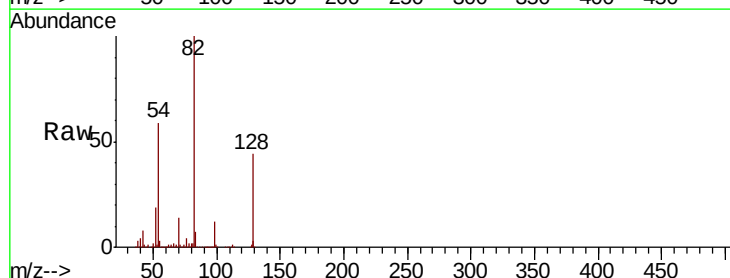
Ion Ratio Lower Upper

70 100

42 57.5 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

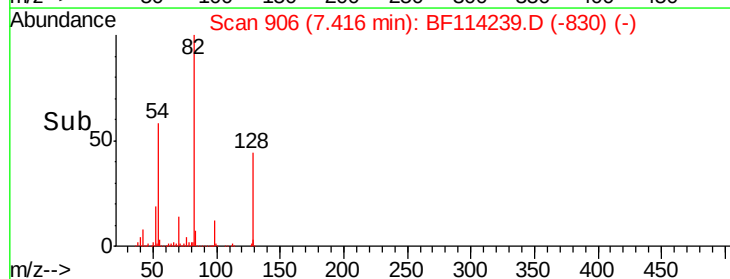
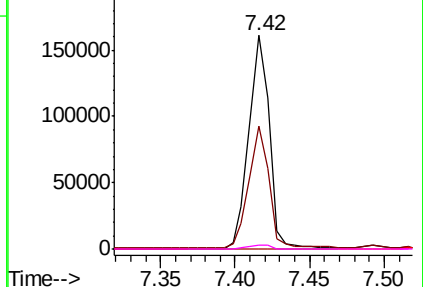


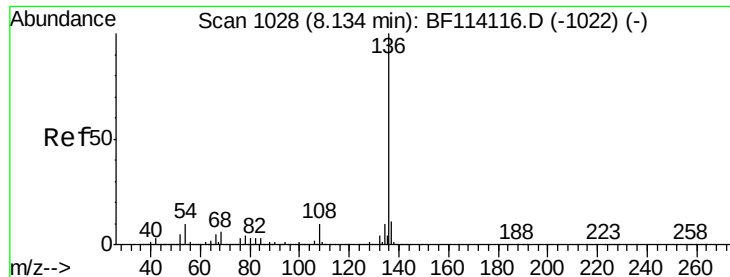
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

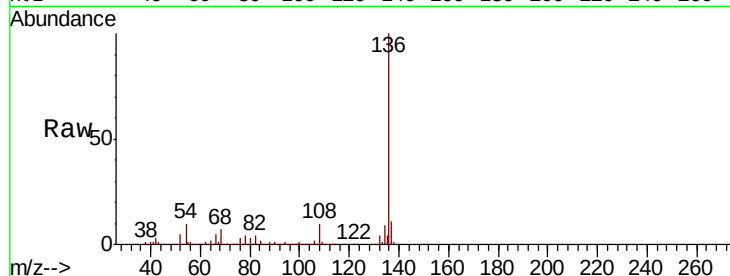




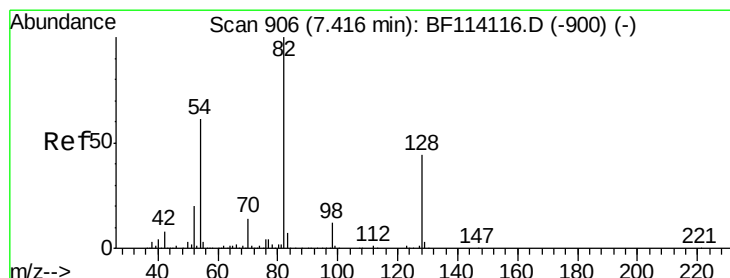
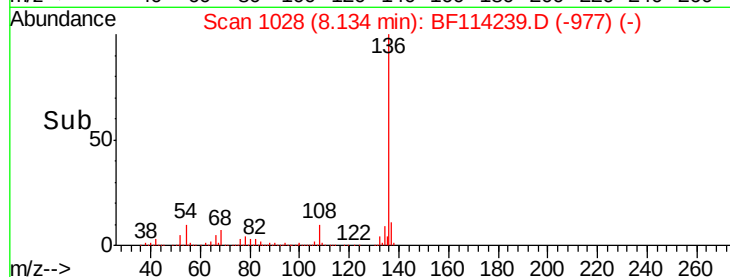
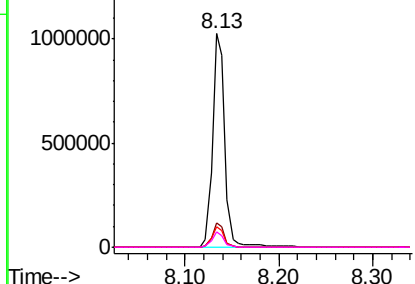
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tgt Ion:	136	Resp:	958507
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.8	11.8
68	7.1	5.1	7.7

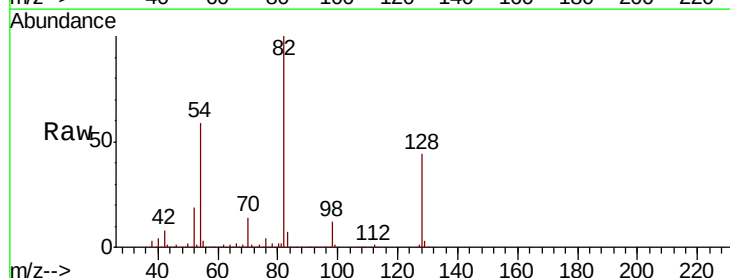


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

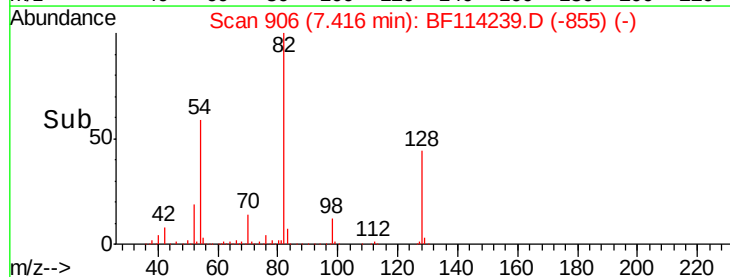
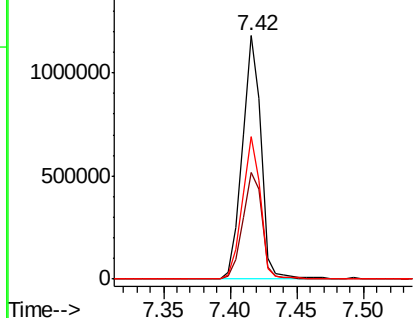


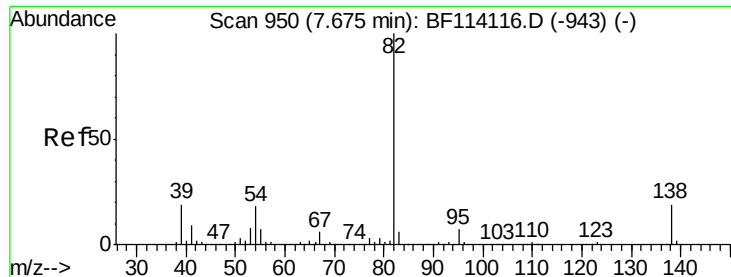
#23
Nitrobenzene-d5
Concen: 67.168 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:	82	Resp:	1147197
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	58.6	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: 36.123 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

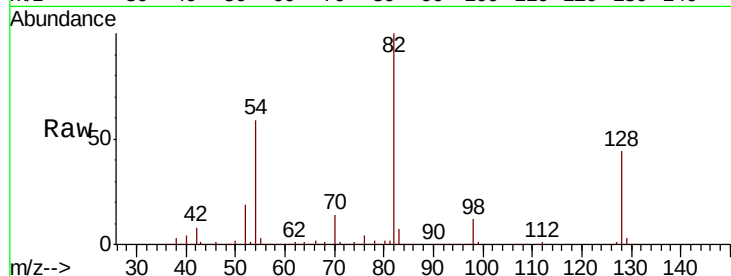
Tgt Ion: 82 Resp: 1144217

Ion Ratio Lower Upper

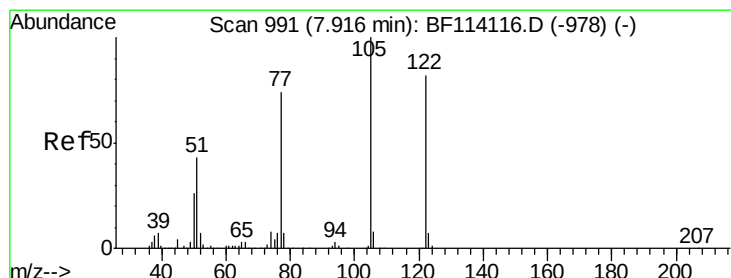
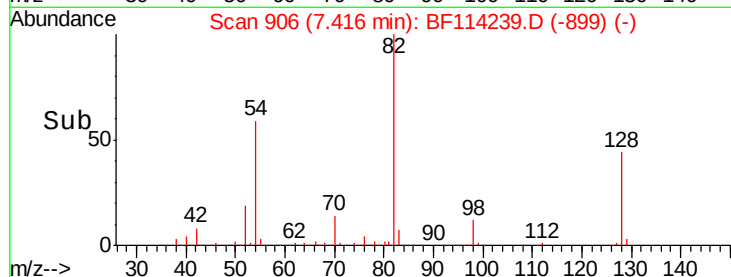
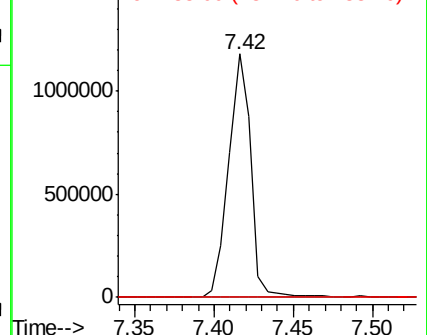
82 100

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: 7.826 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.04 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

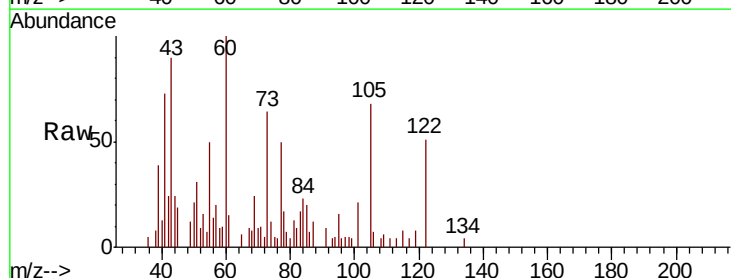
Tgt Ion: 122 Resp: 8911

Ion Ratio Lower Upper

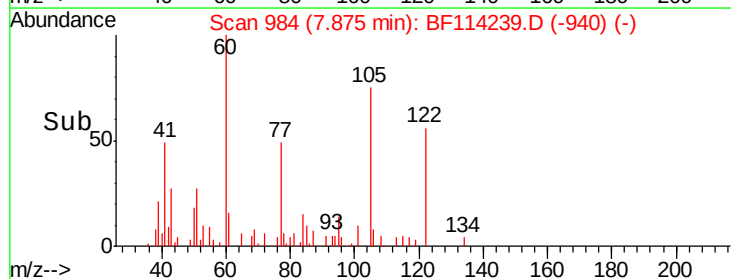
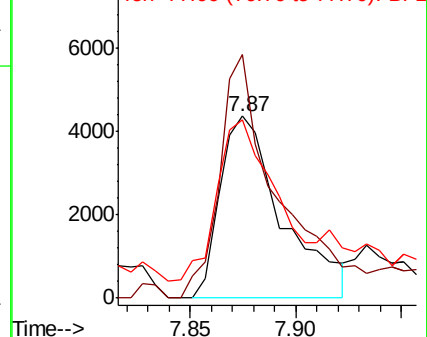
122 100

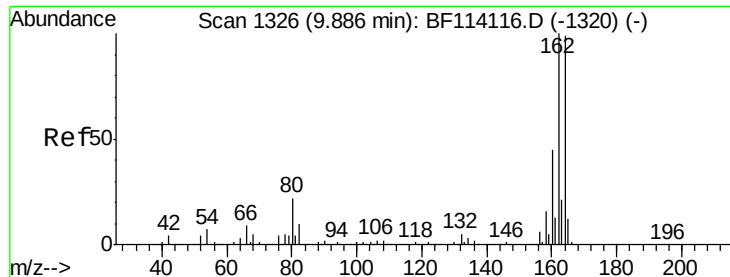
105 134.1 99.9 139.9

77 98.3 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: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

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ClientSampleId :

P026-SS008-0206-02

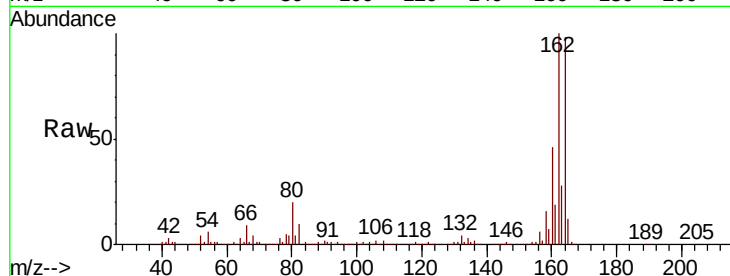
Tgt Ion:164 Resp: 437684

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

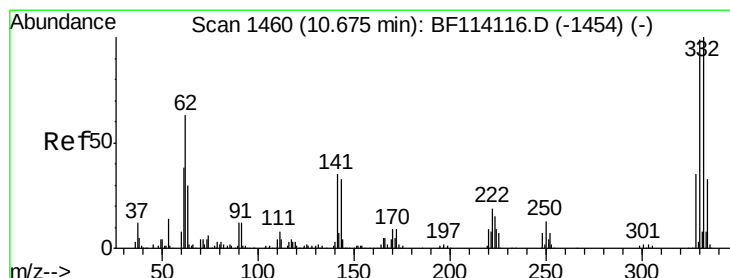
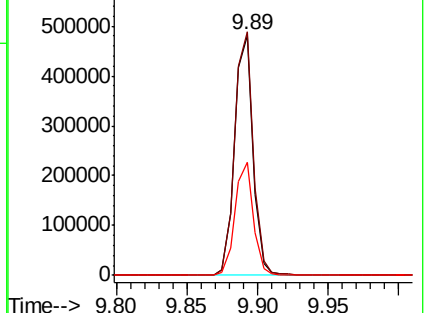
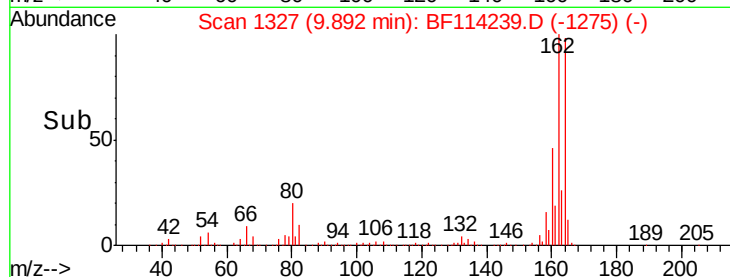
160 47.0 36.5 54.7



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: 84.470 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

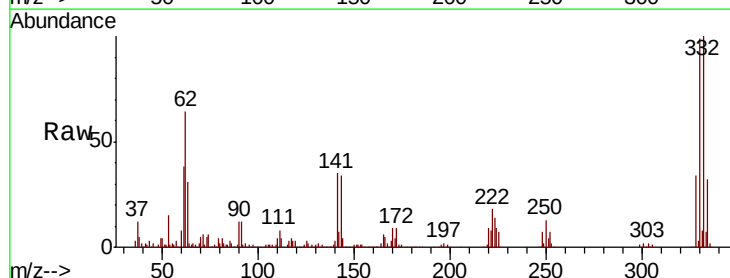
Tgt Ion:330 Resp: 382220

Ion Ratio Lower Upper

330 100

332 102.4 81.4 122.2

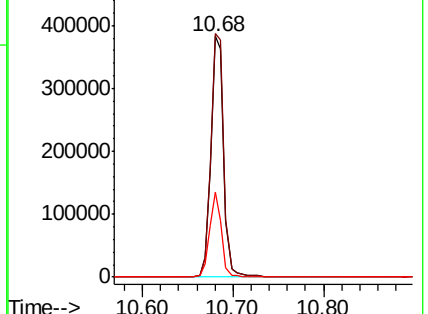
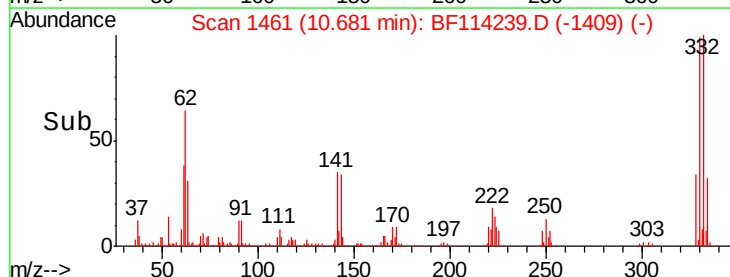
141 32.8 26.6 40.0

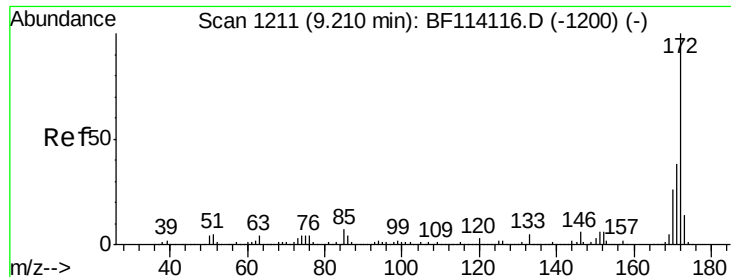


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

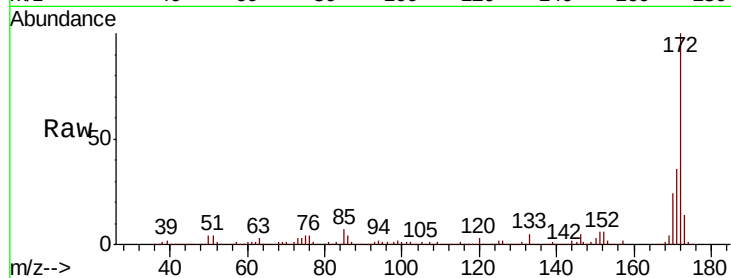




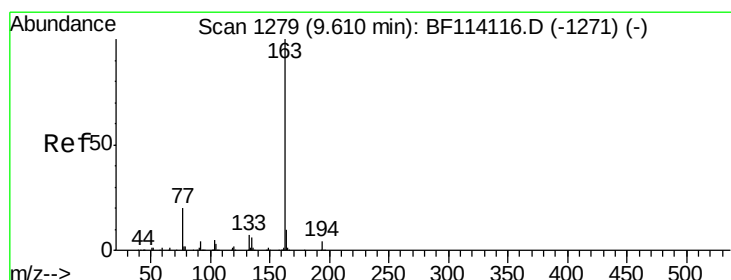
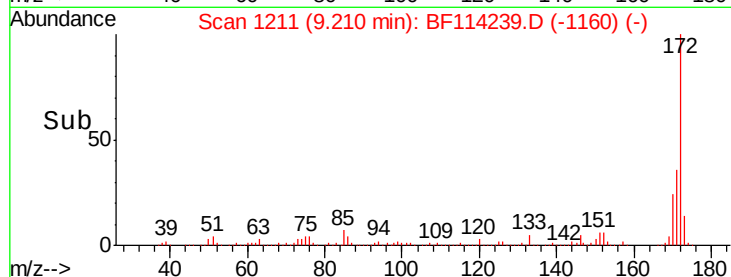
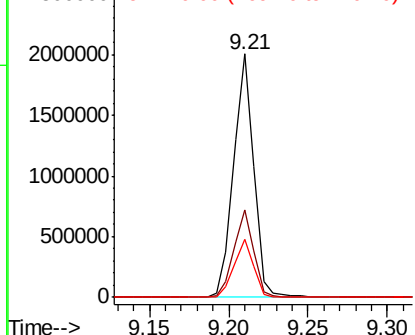
#45
2-Fluorobiphenyl
Concen: 61.338 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tgt Ion:172 Resp: 1774799
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 24.0 20.5 30.7

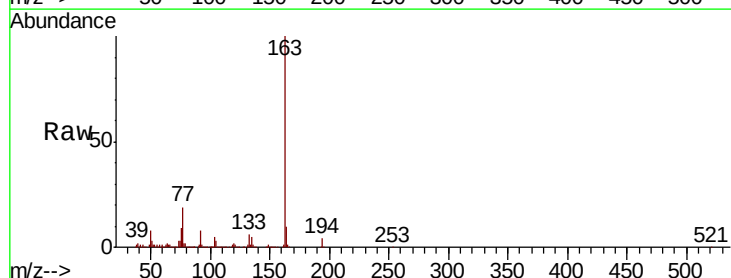


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

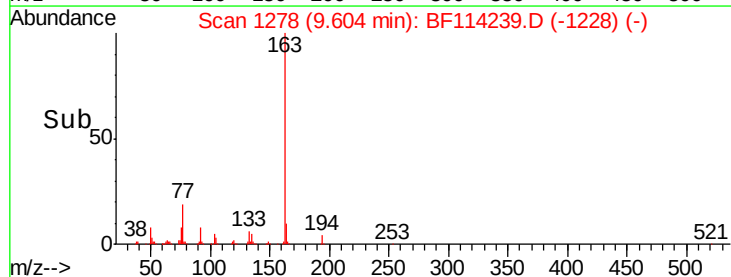
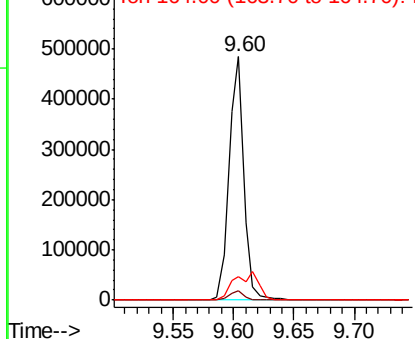


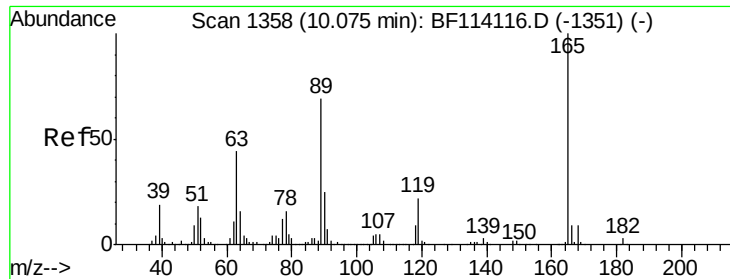
#50
Dimethylphthalate
Concen: 12.807 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:163 Resp: 411483
Ion Ratio Lower Upper
163 100
194 3.9 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: 5.763 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.18 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

Tgt Ion:165 Resp: 55742

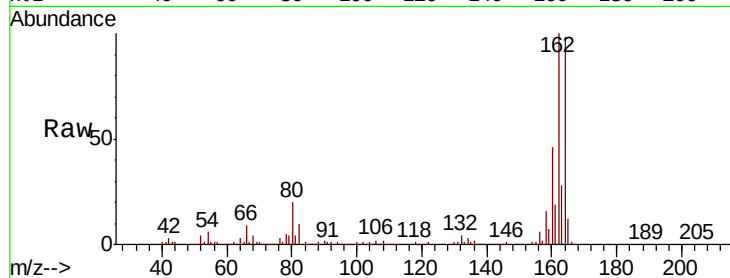
Ion Ratio Lower Upper

165 100

63 2.1 35.5 53.3#

89 2.1 55.2 82.8#

182 0.0 2.2 3.2#

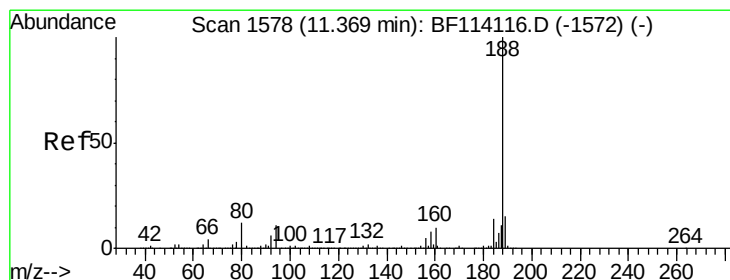
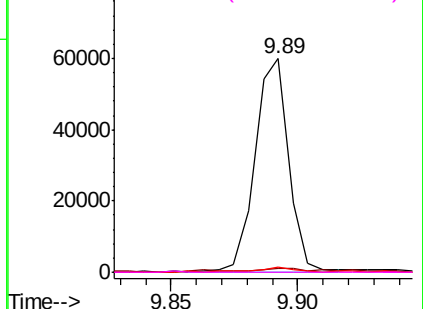
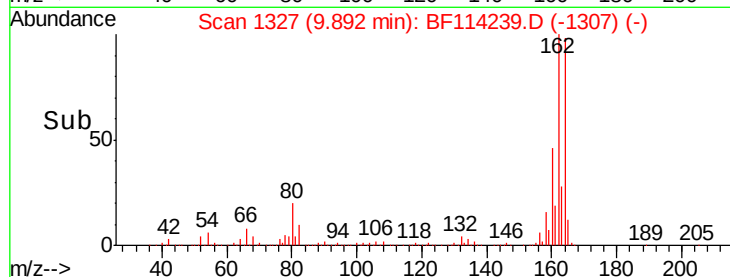


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

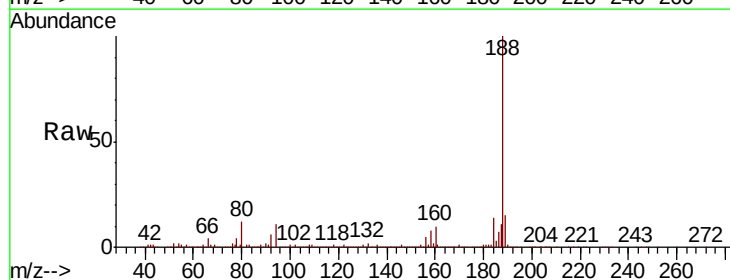
Tgt Ion:188 Resp: 770322

Ion Ratio Lower Upper

188 100

94 11.1 8.4 12.6

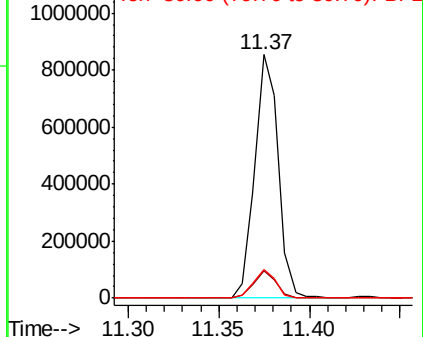
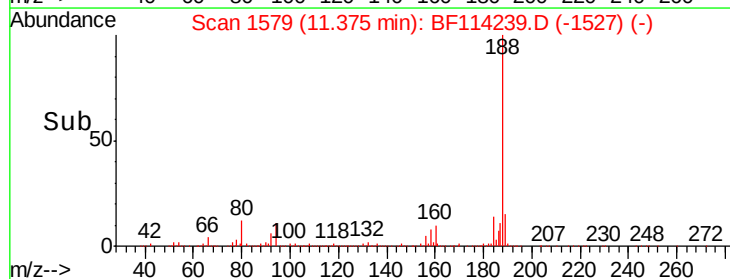
80 11.7 9.2 13.8

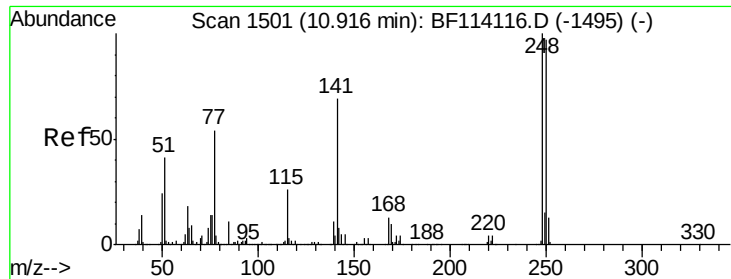


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

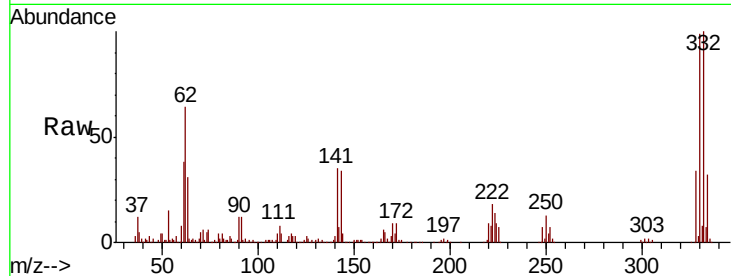




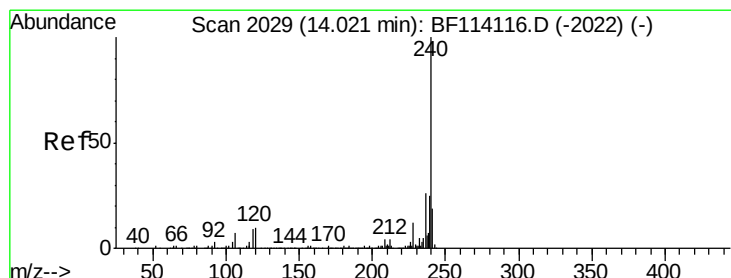
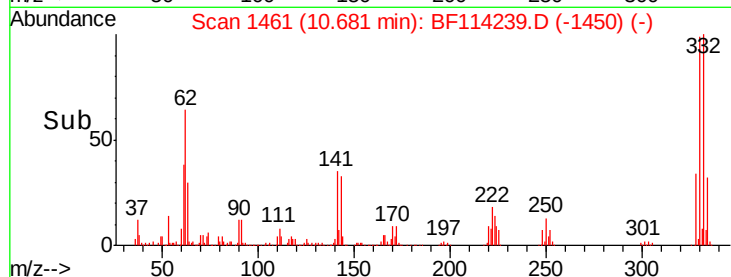
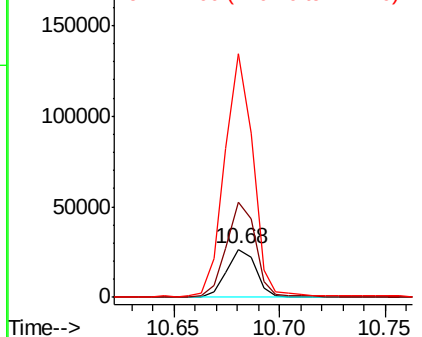
#67
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-02

Tgt Ion:248 Resp: 25582
Ion Ratio Lower Upper
248 100
250 195.7 77.4 116.2#
141 504.1 55.6 83.4#

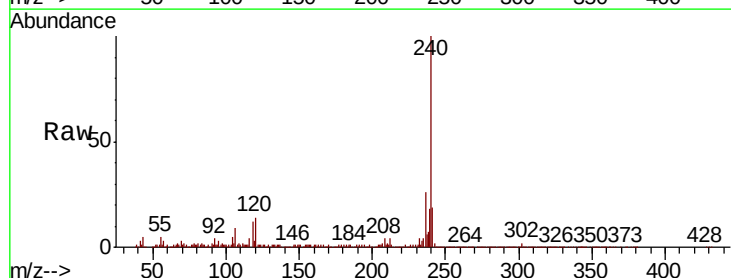


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

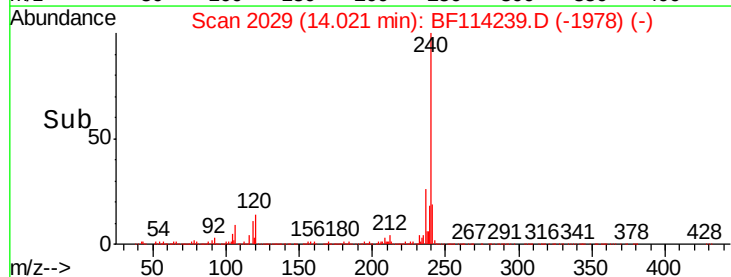
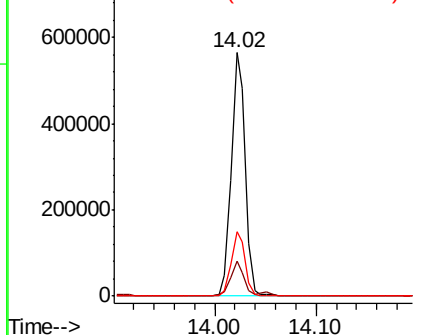


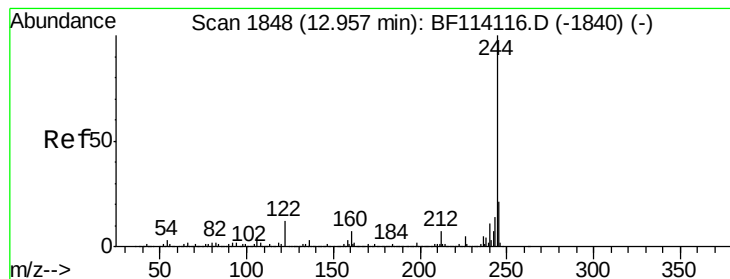
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114239.D
Acq: 13 May 2019 19:45

Tgt Ion:240 Resp: 535424
Ion Ratio Lower Upper
240 100
120 14.2 8.3 12.5#
236 26.2 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: 53.590 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-02

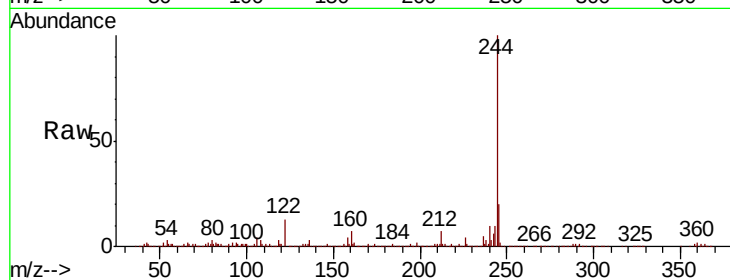
Tgt Ion:244 Resp: 1391922

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

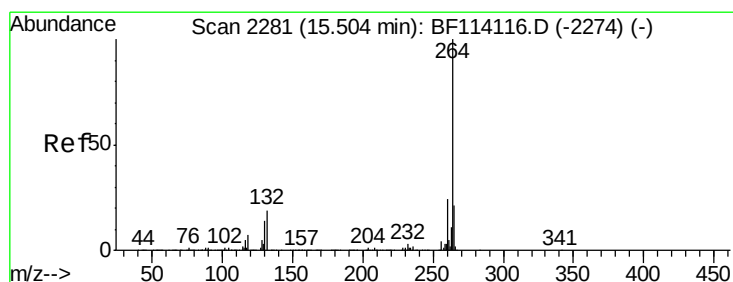
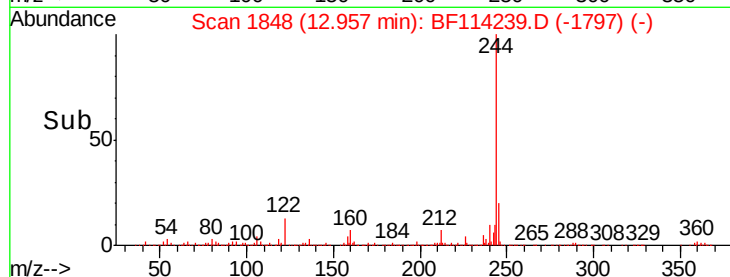
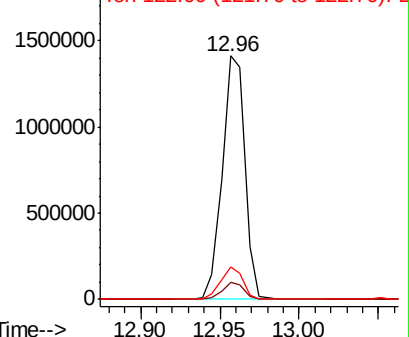
122 13.3 9.4 14.2



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: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF114239.D

Acq: 13 May 2019 19:45

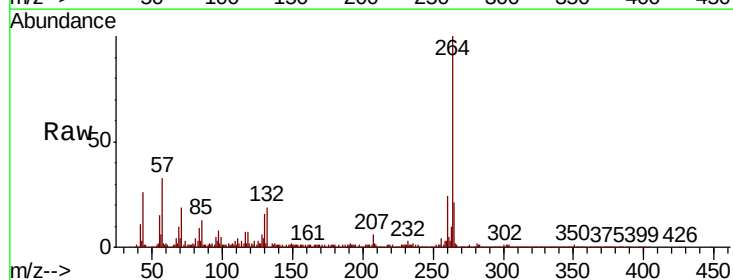
Tgt Ion:264 Resp: 506213

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.4 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

