

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114155.D
 Acq On : 11 May 2019 14:28
 Operator : JU/SJ
 Sample : K2763-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS006-0002-01

Quant Time: May 12 05:52:15 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

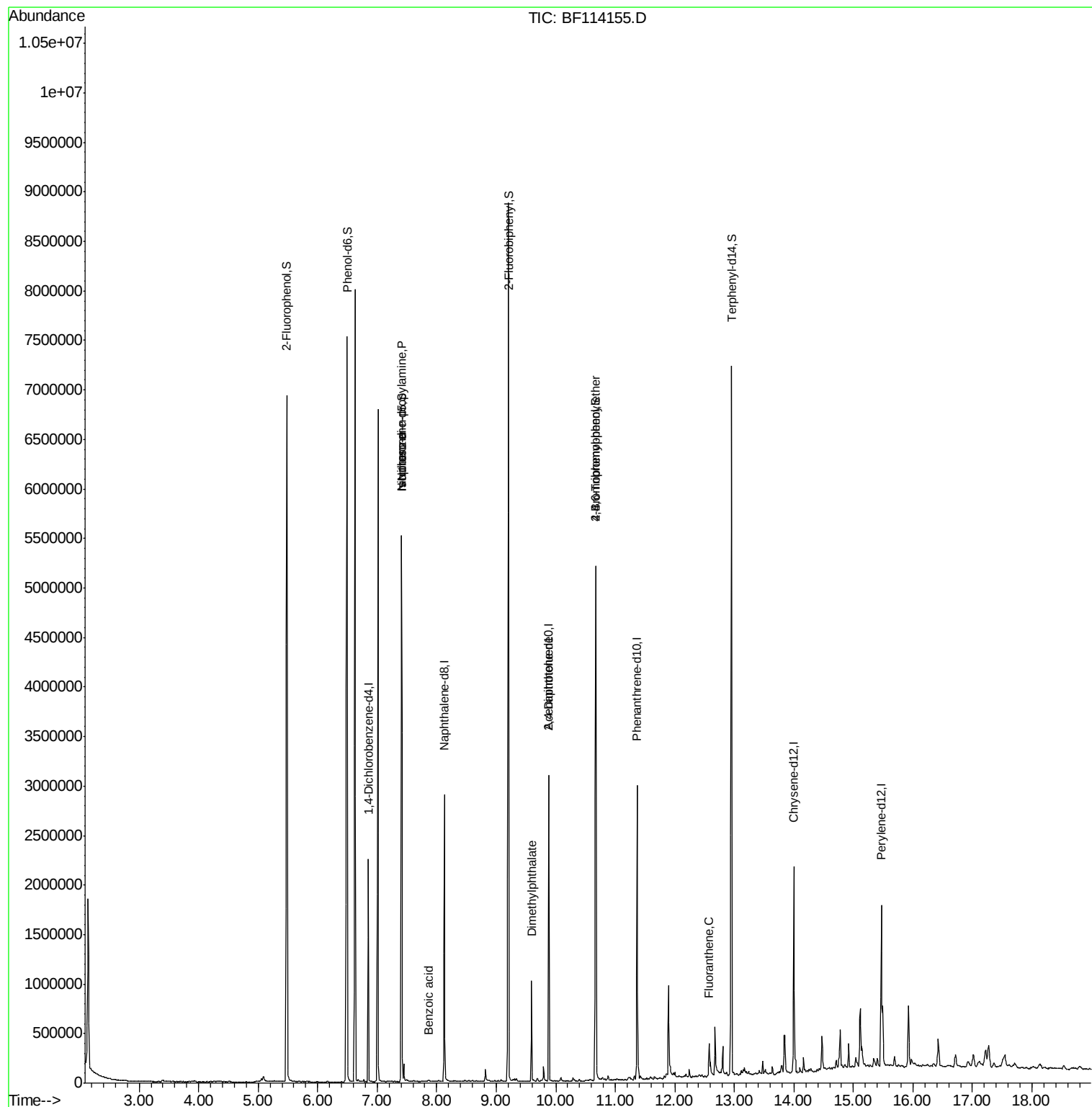
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1236116	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	592198	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1135660	20.00	ng	0.00
76) Chrysene-d12	14.00	240	661232	20.00	ng	-0.02
87) Perylene-d12	15.47	264	710848	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2029968	110.06	ng	0.00
7) Phenol-d6	6.49	99	2706801	124.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	1800631	81.75	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	695585	113.61	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2787891	71.21	ng	0.00
79) Terphenyl-d14	12.95	244	2461237	76.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	240961	17.428	ng	# 76
25) Isophorone	7.41	82	1797153	43.994	ng	# 64
32) Benzoic acid	7.85	122	1665	7.137	ng	83
50) Dimethylphthalate	9.59	163	353905	8.141	ng	99
57) 2,4-Dinitrotoluene	9.88	165	74857	5.720	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	43970	3.516	ng	# 1
75) Fluoranthene	12.57	202	125752	2.114	ng	95

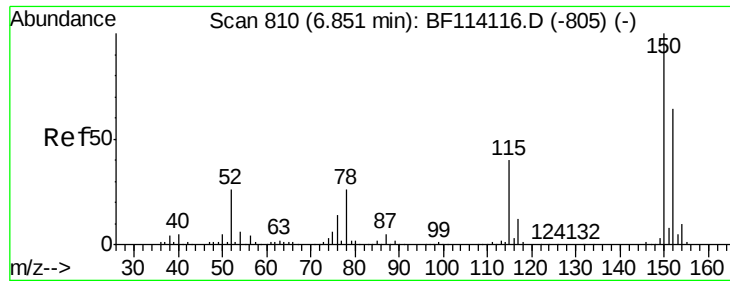
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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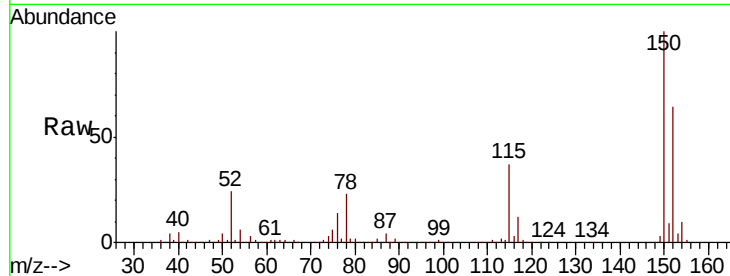


#1

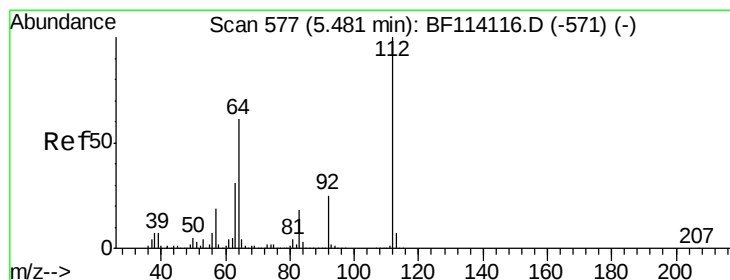
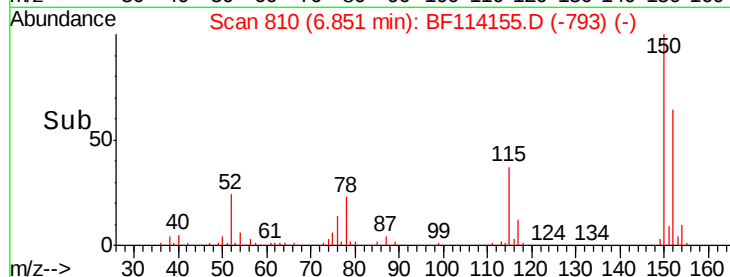
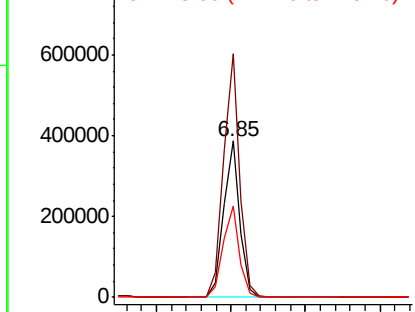
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0002-01

Tgt Ion:152 Resp: 296802
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 58.5 49.1 73.7



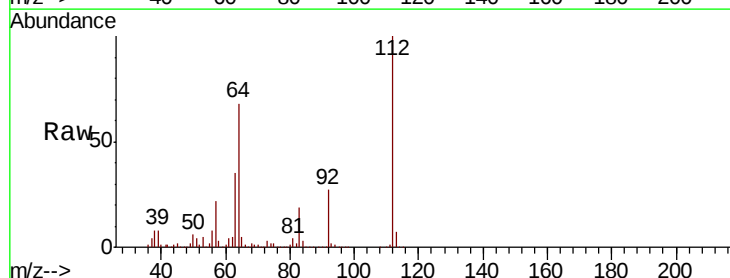
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



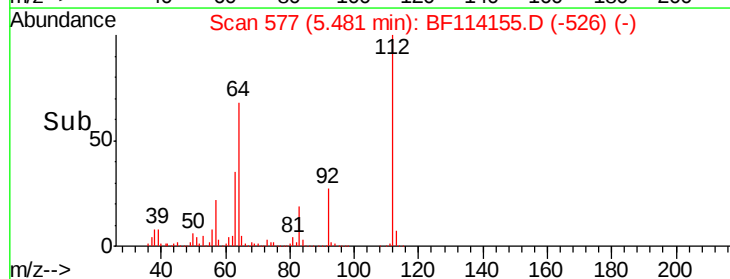
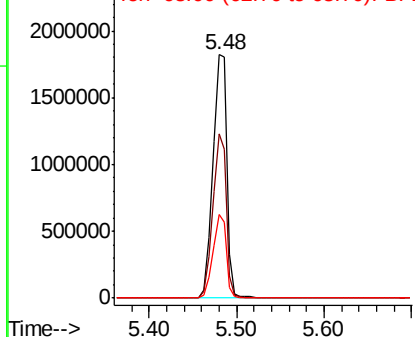
#5

2-Fluorophenol
Concen: 110.065 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Tgt Ion:112 Resp: 2029968
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 34.6 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: 124.088 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0002-01

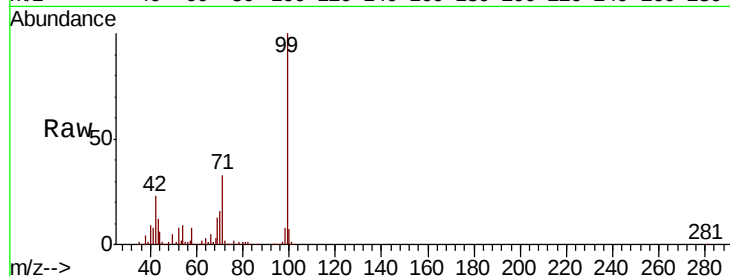
Tgt Ion: 99 Resp: 2706801

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

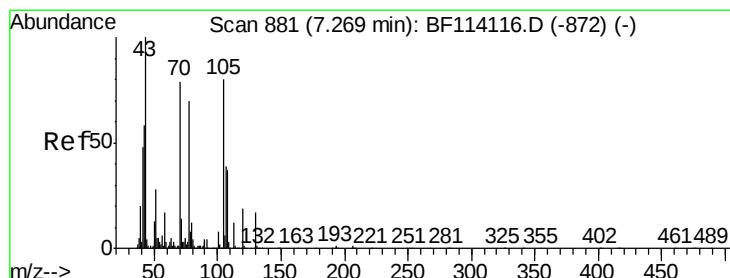
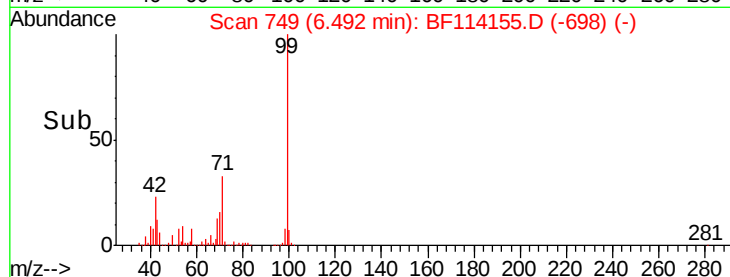
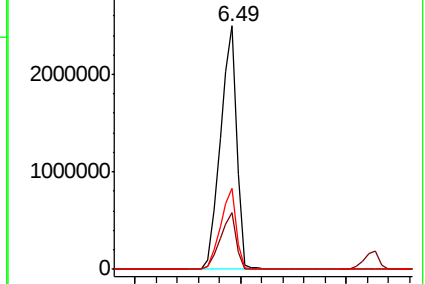
71 33.2 26.2 39.2



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: 17.428 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Tgt Ion: 70 Resp: 240961

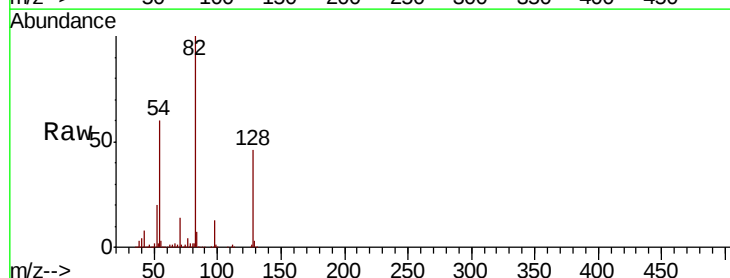
Ion Ratio Lower Upper

70 100

42 57.1 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

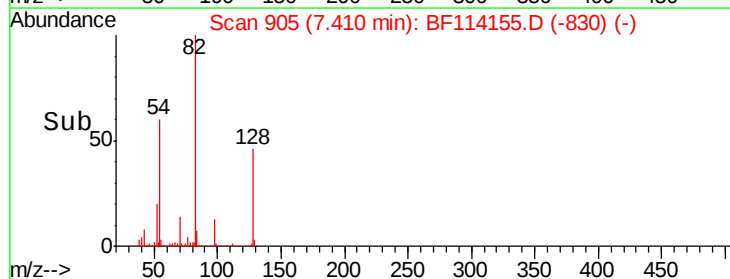
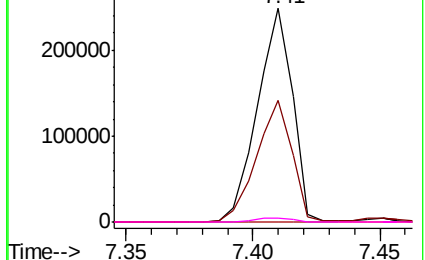


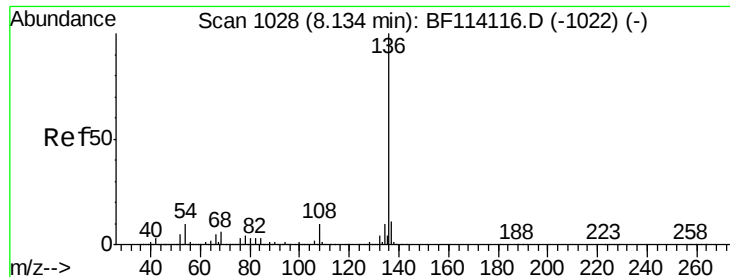
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

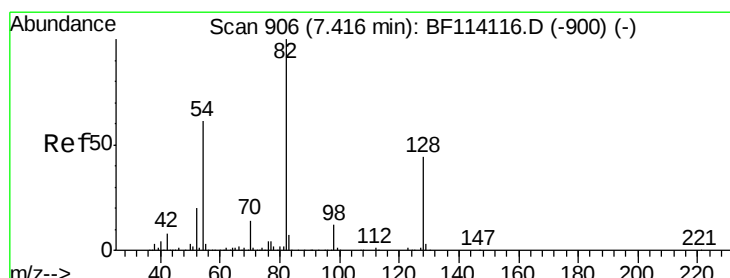
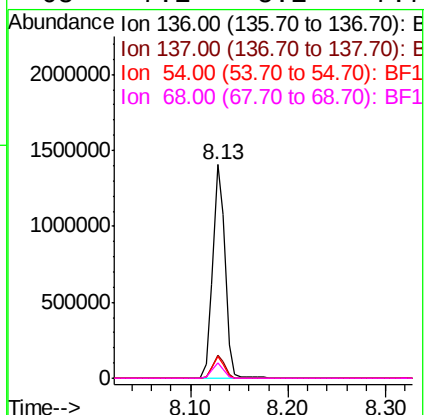
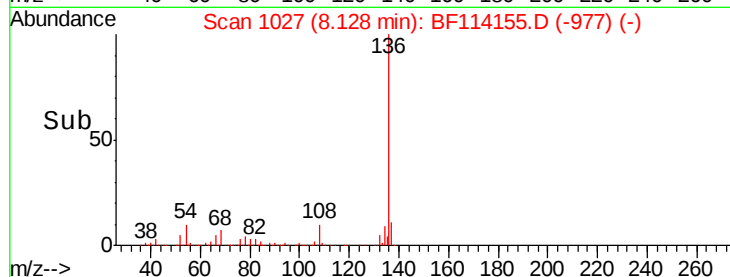
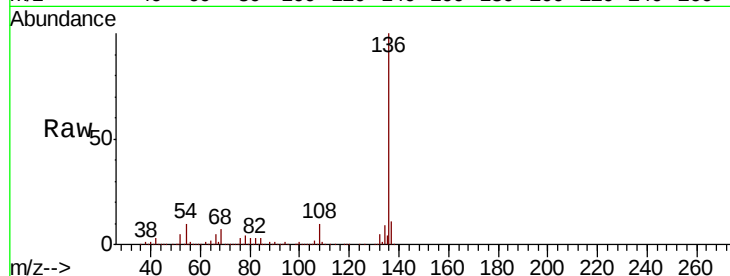




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

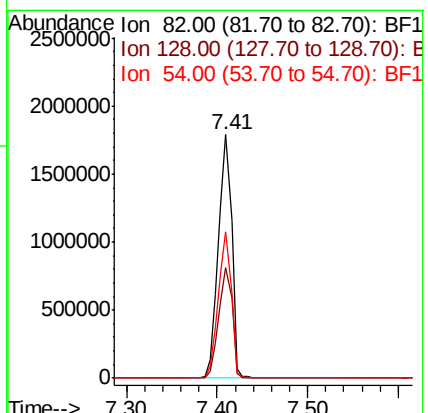
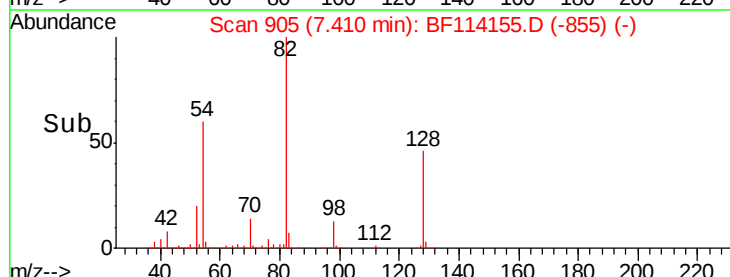
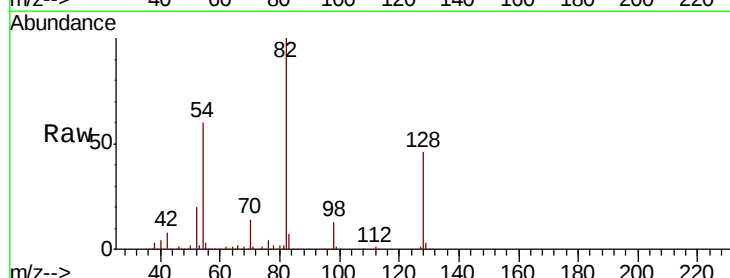
Instrument :
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ClientSampleId :
P021-SS006-0002-01

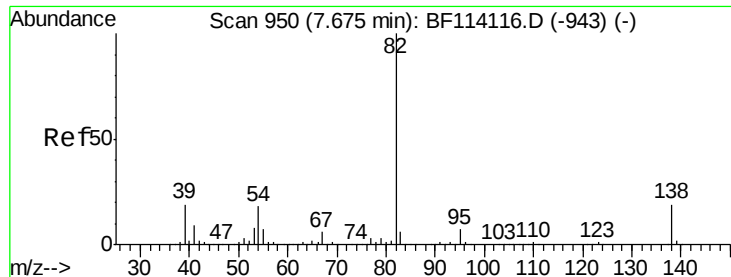
Tgt Ion:	136	Resp:	1236116
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.8	11.8
68	7.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 81.749 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Tgt Ion:	82	Resp:	1800631
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.5	53.3
54	59.9	48.5	72.7





#25

Isophorone

Concen: 43.994 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0002-01

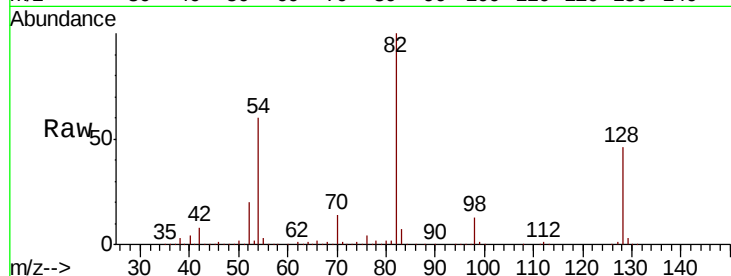
Tgt Ion: 82 Resp: 1797153

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

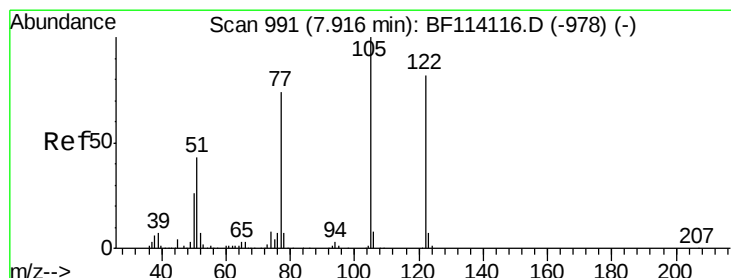
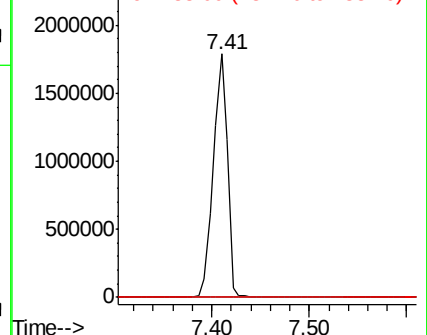
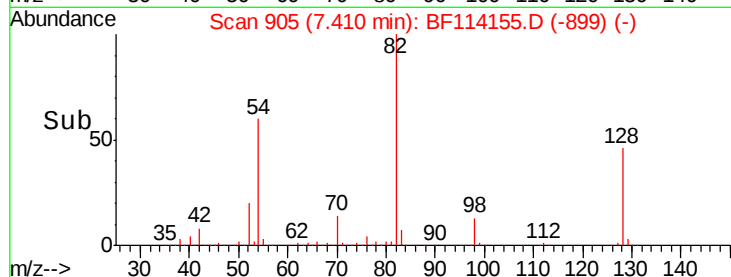
138 0.0 14.8 22.2#



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: 7.137 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.06 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

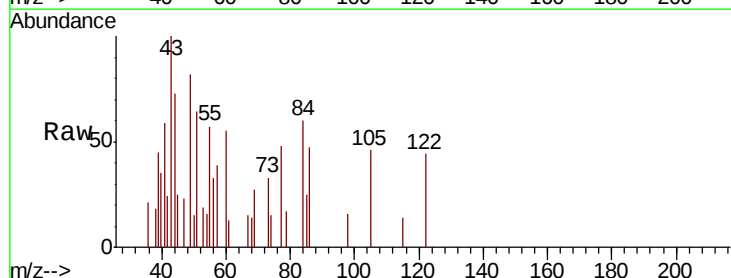
Tgt Ion: 122 Resp: 1665

Ion Ratio Lower Upper

122 100

105 104.2 99.9 139.9

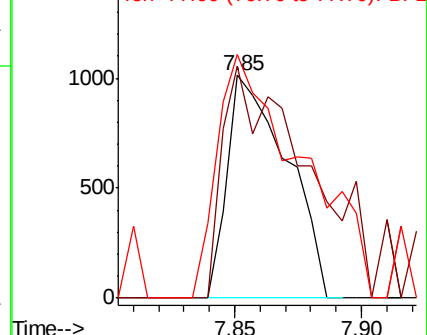
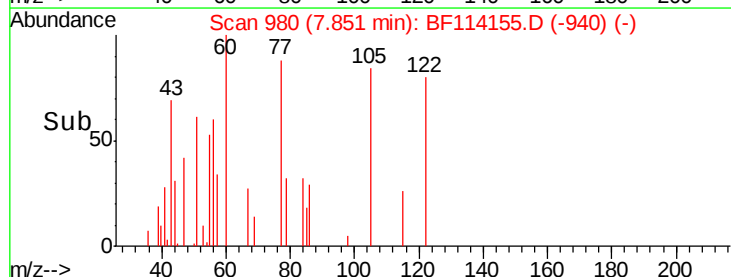
77 109.2 69.4 109.4

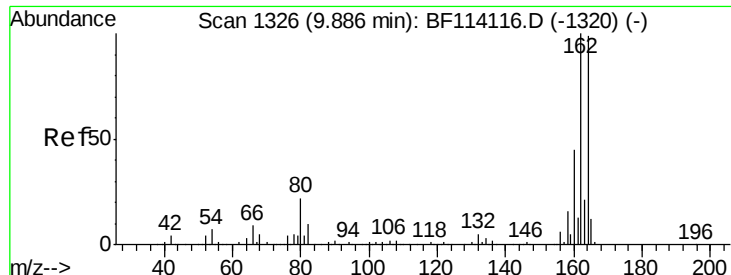


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

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P021-SS006-0002-01

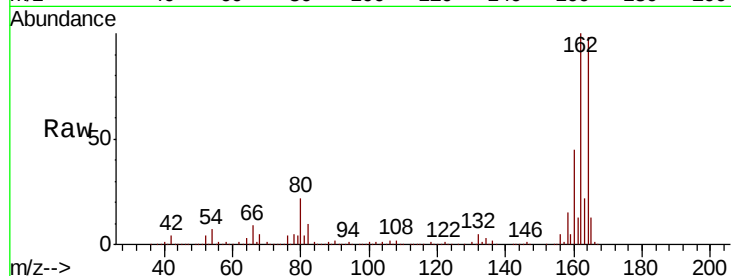
Tgt Ion:164 Resp: 592198

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

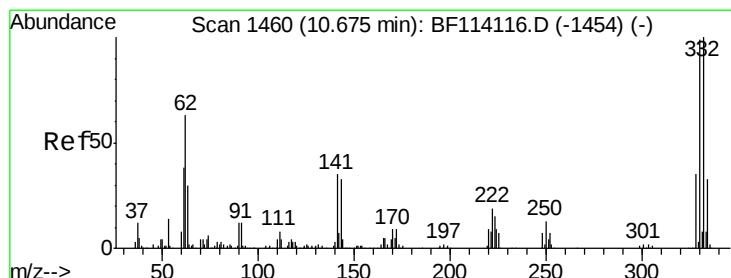
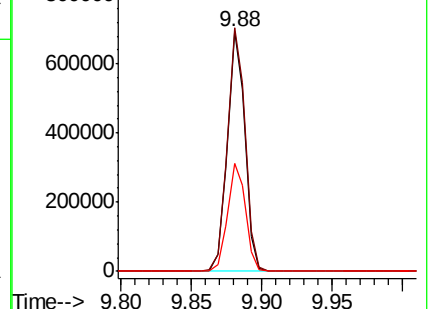
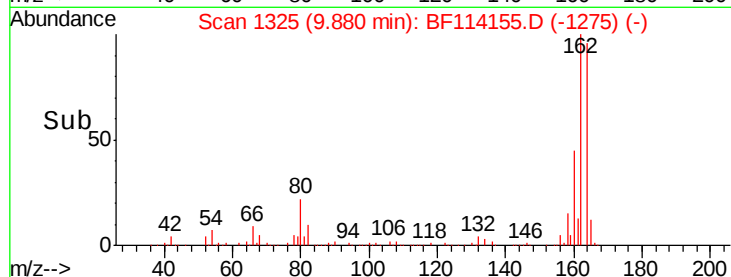
160 45.3 36.5 54.7



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: 113.614 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

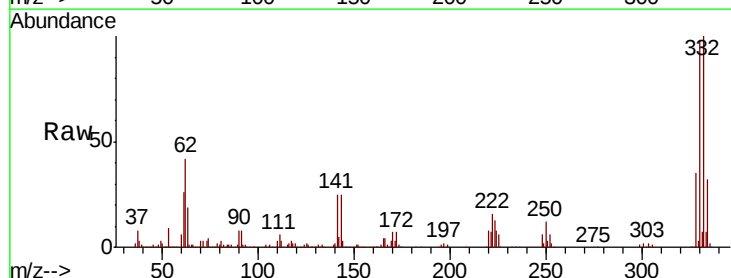
Tgt Ion:330 Resp: 695585

Ion Ratio Lower Upper

330 100

332 101.9 81.4 122.2

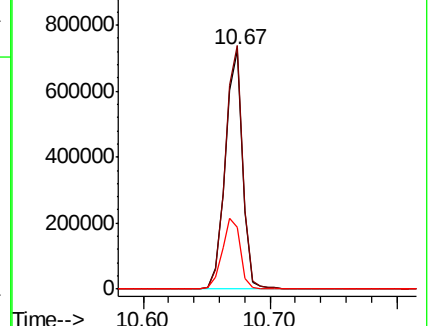
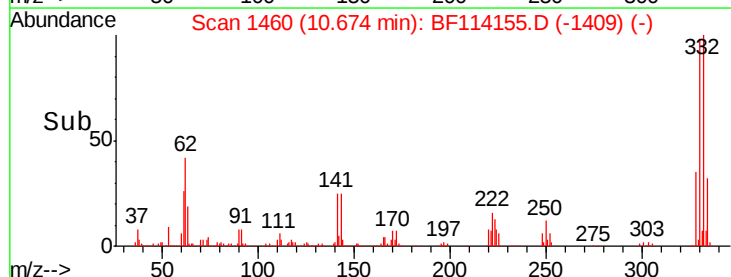
141 31.1 26.6 40.0

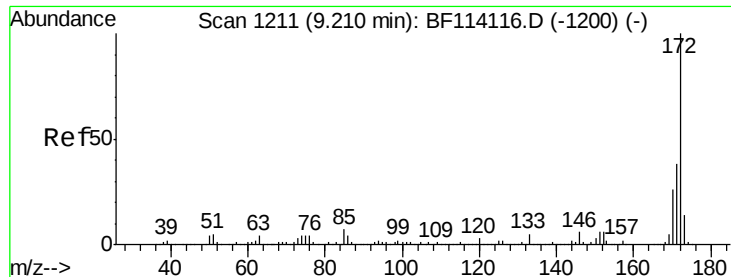


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 71.212 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114155.D

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P021-SS006-0002-01

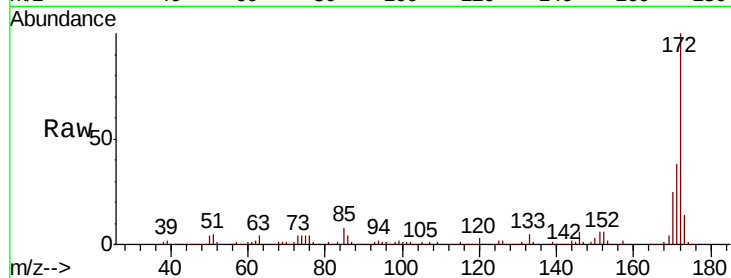
Tgt Ion:172 Resp: 2787891

Ion Ratio Lower Upper

172 100

171 37.7 30.7 46.1

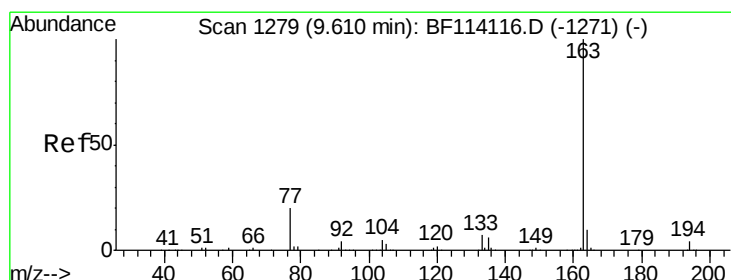
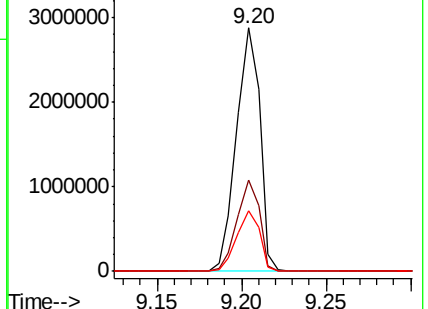
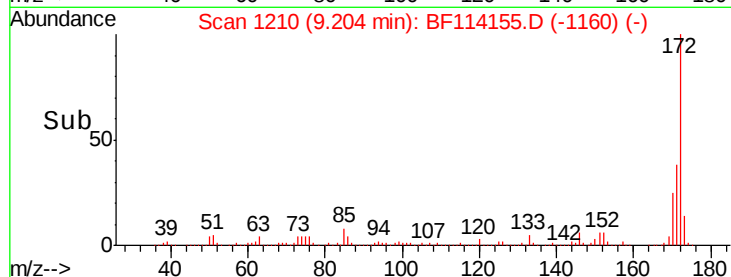
170 25.0 20.5 30.7



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: 8.141 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

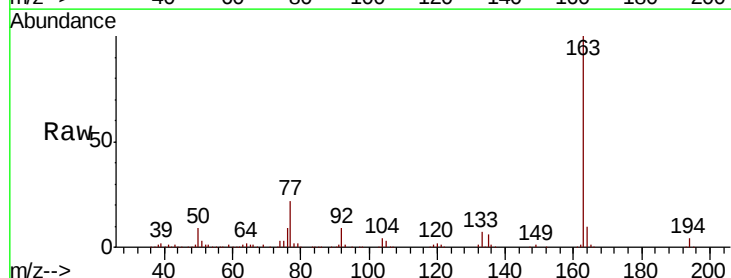
Tgt Ion:163 Resp: 353905

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

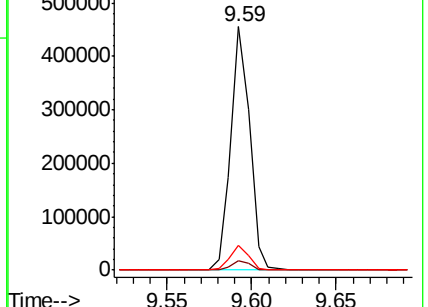
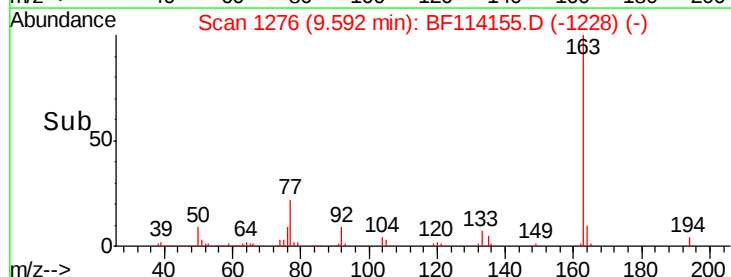
164 10.1 8.2 12.2

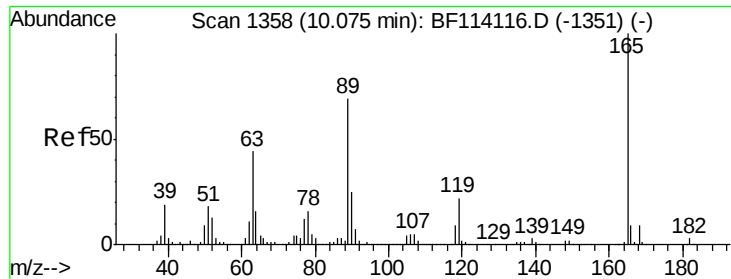


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

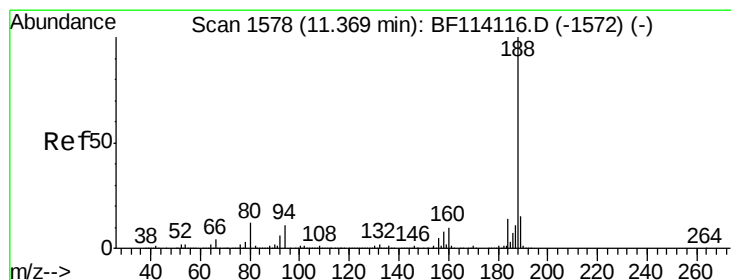
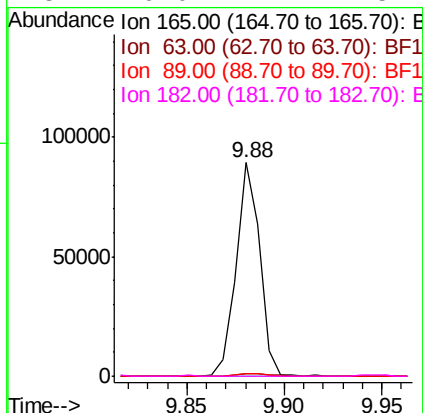
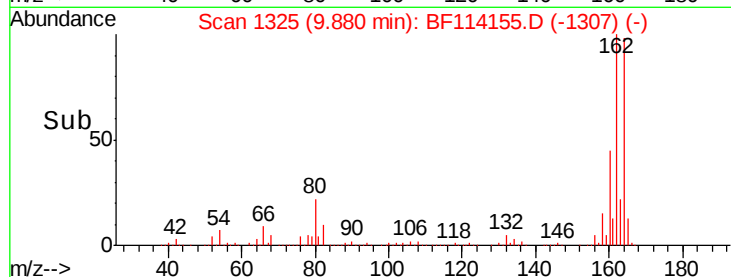
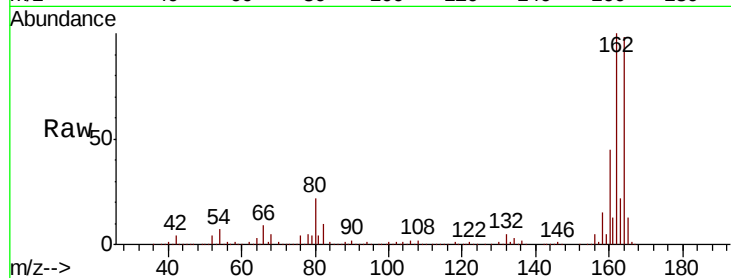




#57
2,4-Dinitrotoluene
Concen: 5.720 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

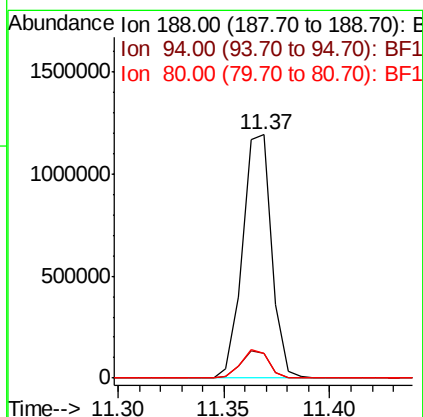
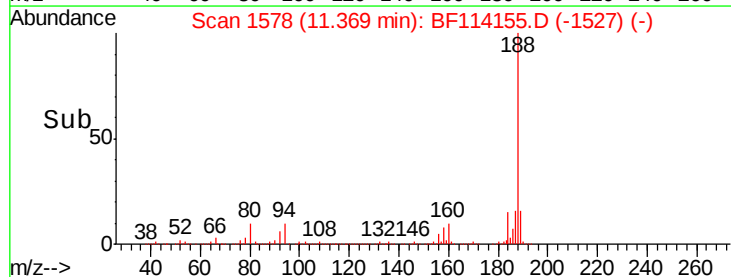
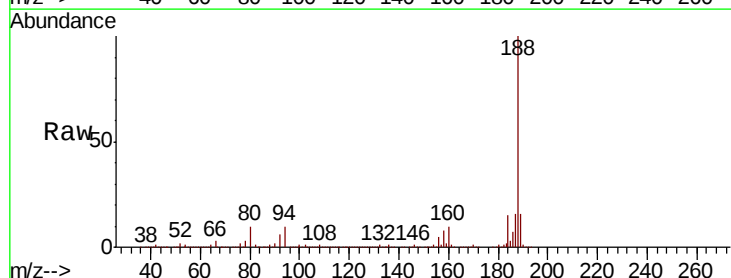
Instrument :
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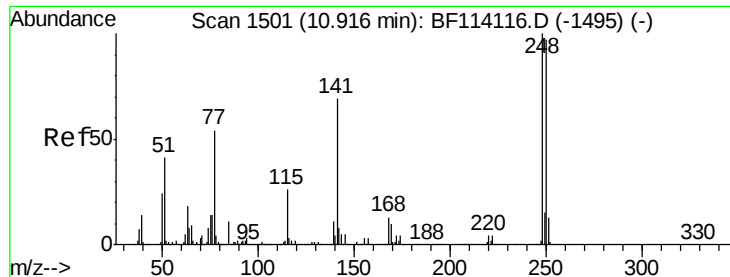
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.0	9.2	13.8

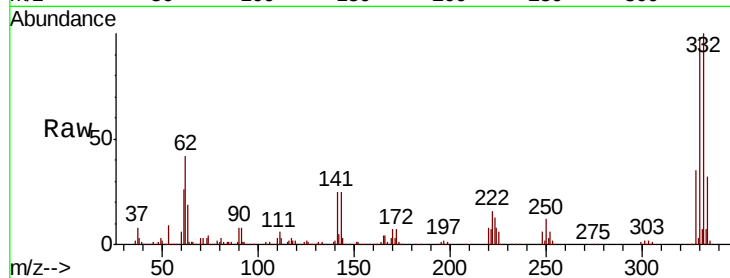




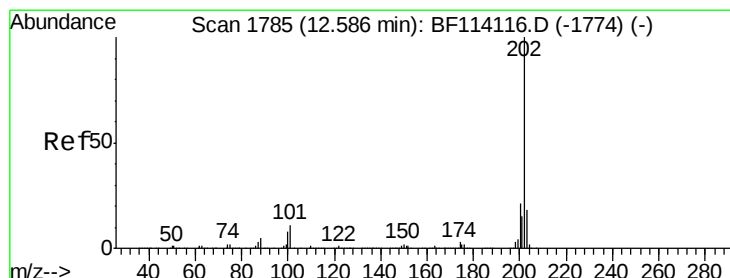
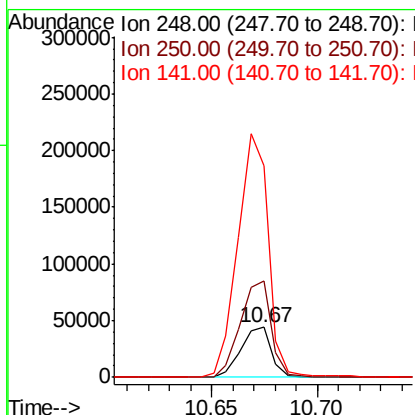
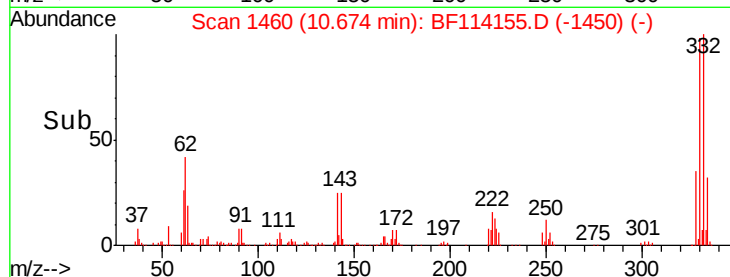
#67
 4-Bromophenyl-phenylether
 Concen: 3.516 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114155.D
 Acq: 11 May 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS006-0002-01

Tgt Ion:248 Resp: 43970
 Ion Ratio Lower Upper
 248 100
 250 195.0 77.4 116.2#
 141 426.5 55.6 83.4#

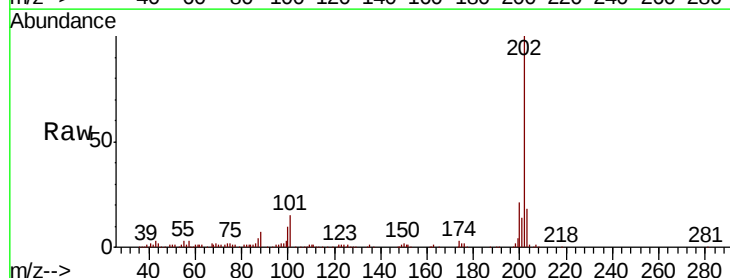


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

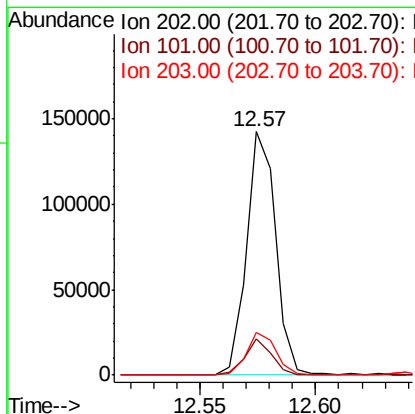
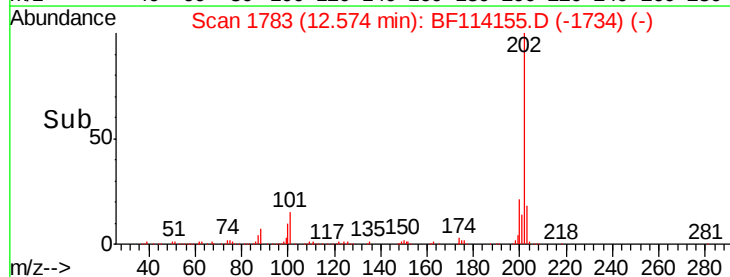


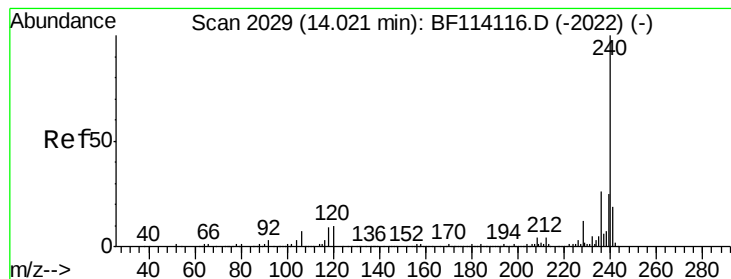
#75
 Fluoranthene
 Concen: 2.114 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF114155.D
 Acq: 11 May 2019 14:28

Tgt Ion:202 Resp: 125752
 Ion Ratio Lower Upper
 202 100
 101 14.7 0.0 31.0
 203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0002-01

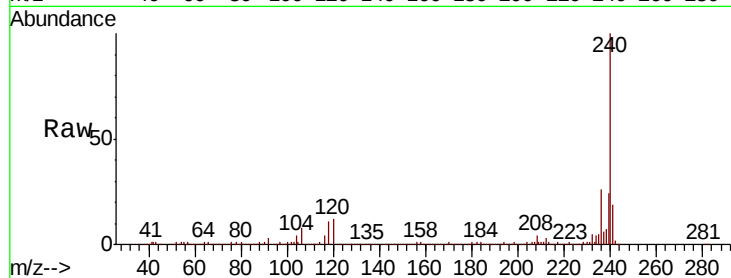
Tgt Ion:240 Resp: 661232

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

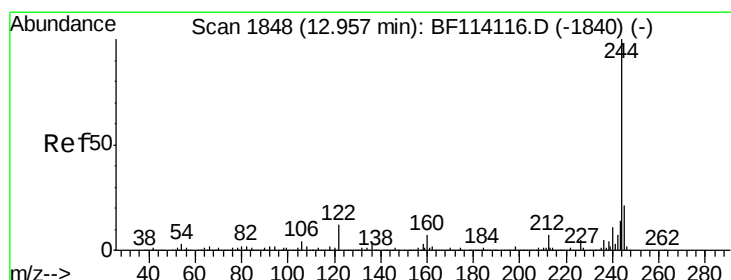
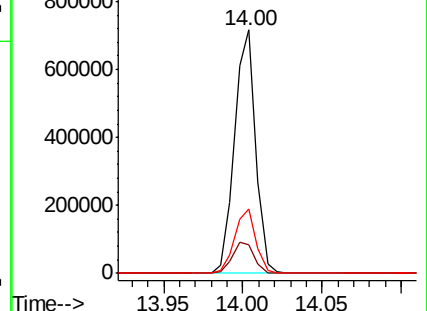
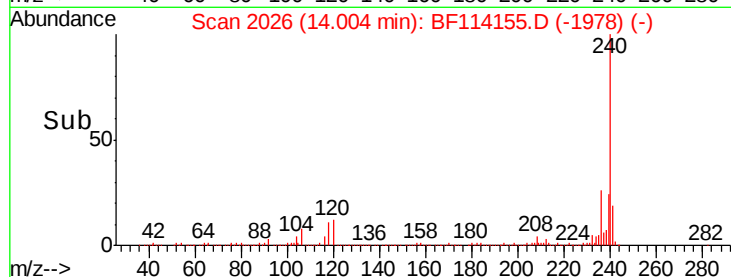
236 26.5 20.8 31.2



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: 76.731 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

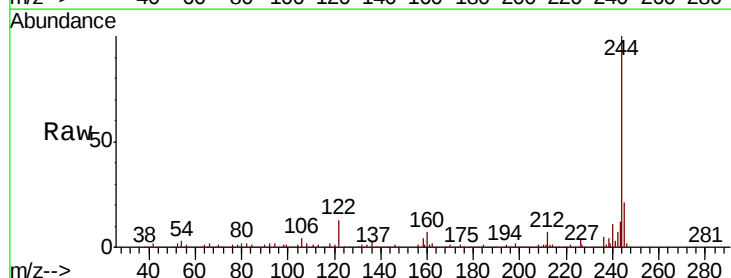
Tgt Ion:244 Resp: 2461237

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

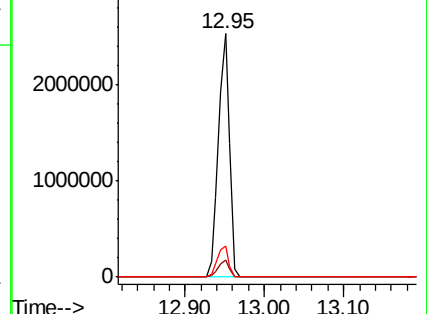
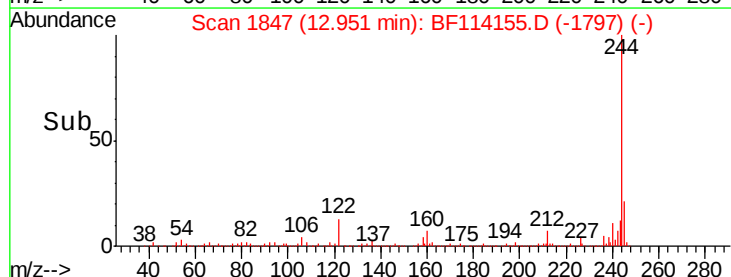
122 12.9 9.4 14.2

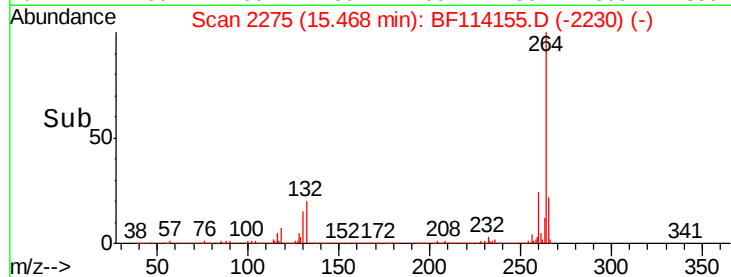
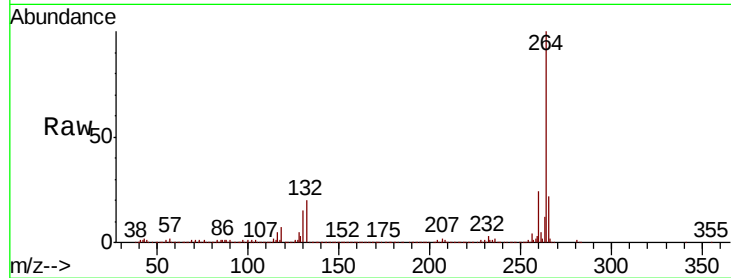
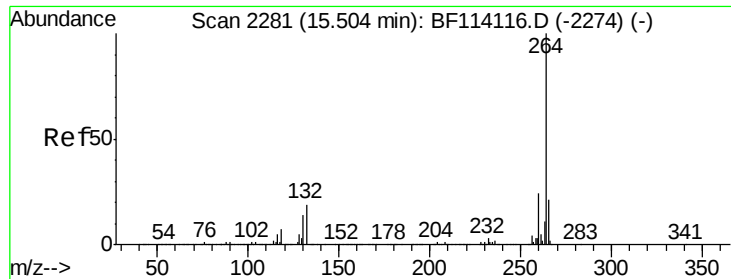


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0002-01

Tgt Ion: 264 Resp: 710848

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.1 16.9 25.3

