

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114125.D
 Acq On : 10 May 2019 17:29
 Operator : JU/SJ
 Sample : K2762-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS002-1218-01

Quant Time: May 11 04:00:44 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

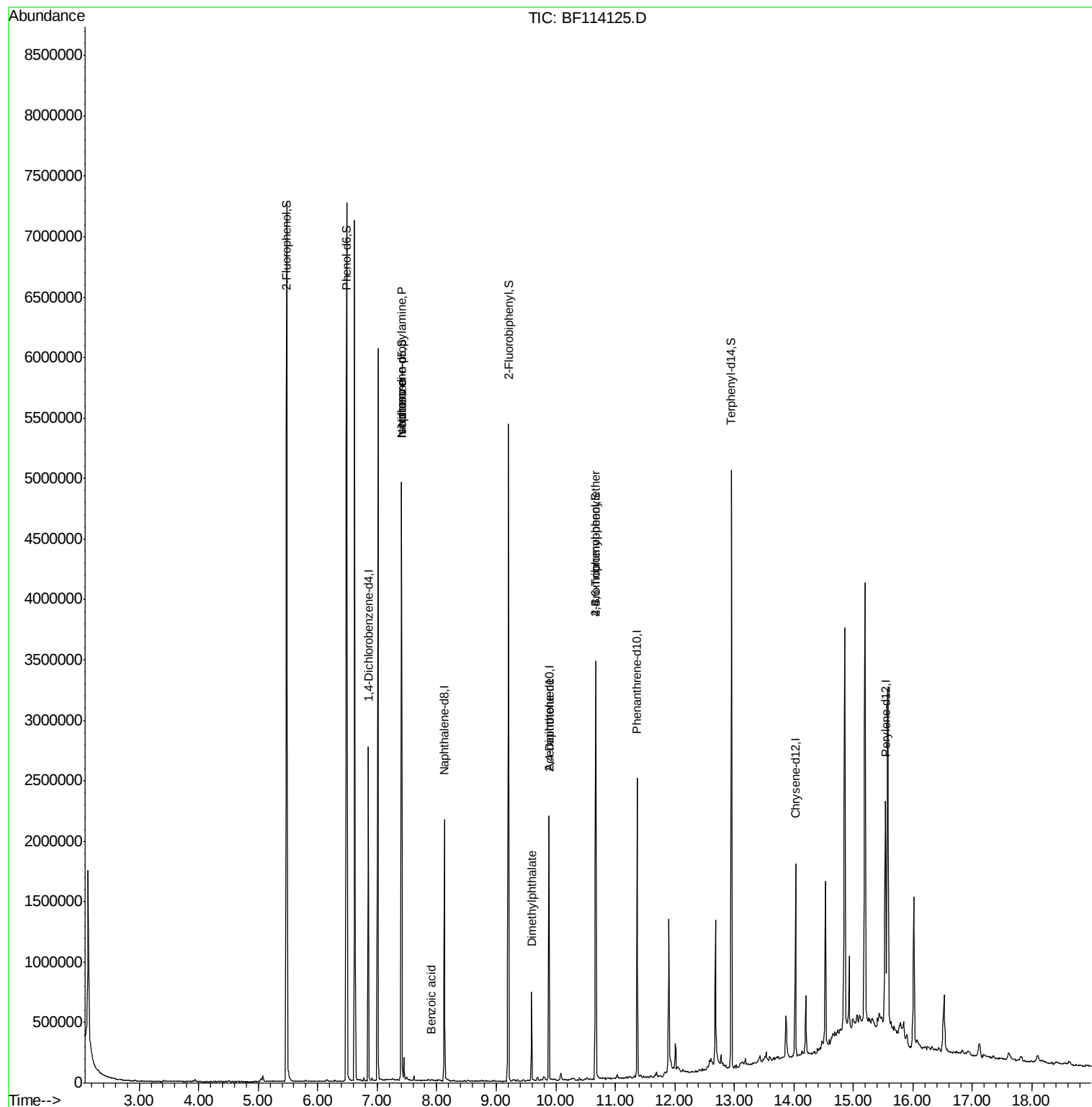
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	366113	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	985038	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	431635	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	839626	20.00	ng	0.00
76) Chrysene-d12	14.03	240	551862	20.00	ng	0.00
87) Perylene-d12	15.54	264	843272	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1903660	83.68	ng	0.00
7) Phenol-d6	6.49	99	2498041	92.84	ng	0.00
23) Nitrobenzene-d5	7.41	82	1515794	86.36	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	403883	90.51	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1719279	60.25	ng	0.00
79) Terphenyl-d14	12.95	244	1576521	58.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	201944	11.841	ng	# 77
25) Isophorone	7.41	82	1511631	46.437	ng	# 64
32) Benzoic acid	7.90	122	121	7.031	ng	91
50) Dimethylphthalate	9.60	163	304490	9.610	ng	99
57) 2,4-Dinitrotoluene	9.89	165	54917	5.757	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	26671	2.885	ng	# 1

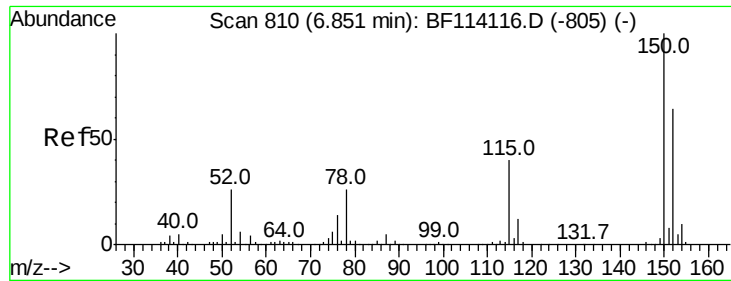
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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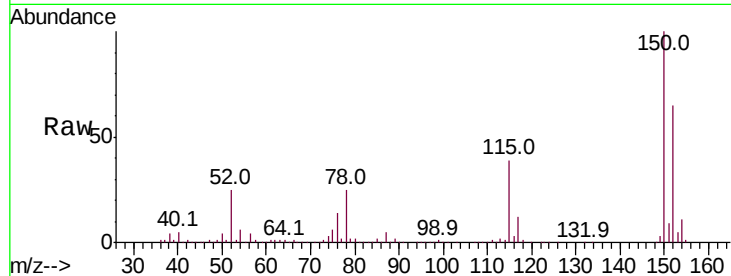


#1

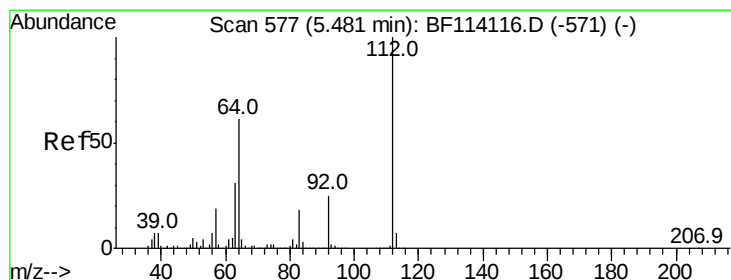
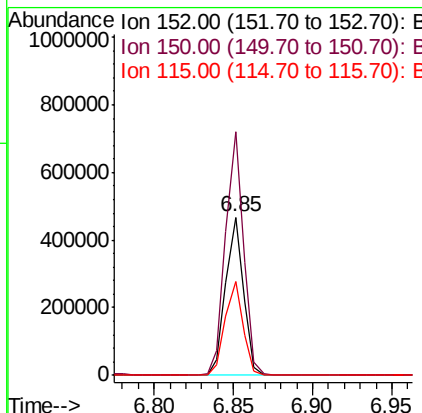
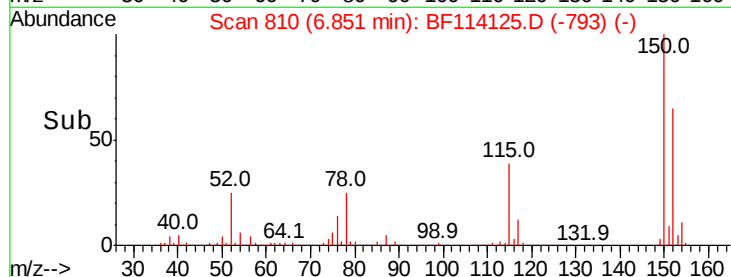
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

Instrument :
BNA_F
ClientSampleId :
P021-SS002-1218-01

Tot Ion:152 Resp: 366113
Ion Ratio Lower Upper
152 100
150 154.0 124.3 186.5
115 59.5 49.1 73.7



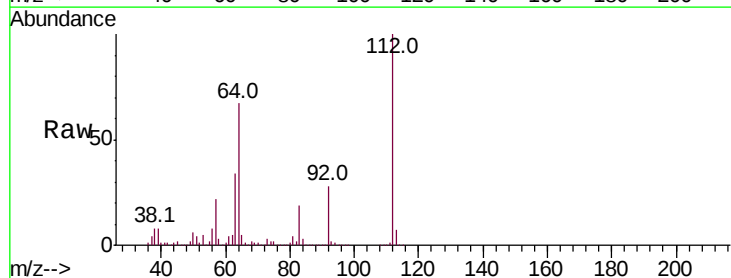
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



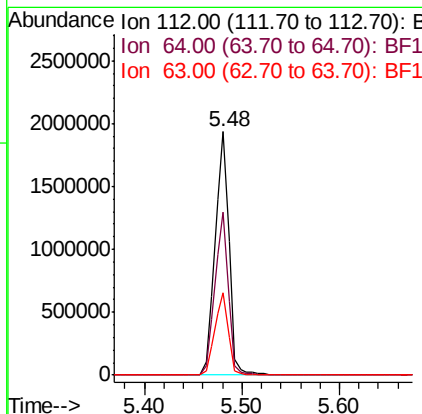
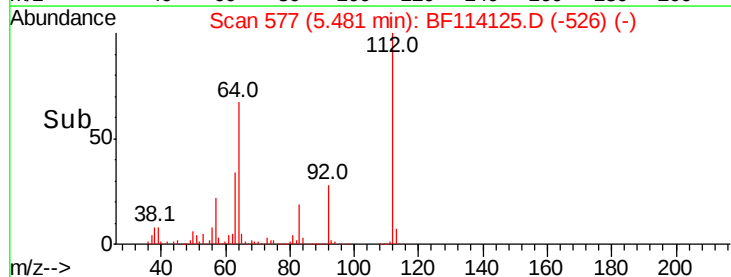
#5

2-Fluorophenol
Concen: 83.676 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

Tgt Ion:112 Resp: 1903660
Ion Ratio Lower Upper
112 100
64 66.8 49.0 73.6
63 33.6 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: 92.838 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

Instrument :

BNA_F

ClientSampleId :

P021-SS002-1218-01

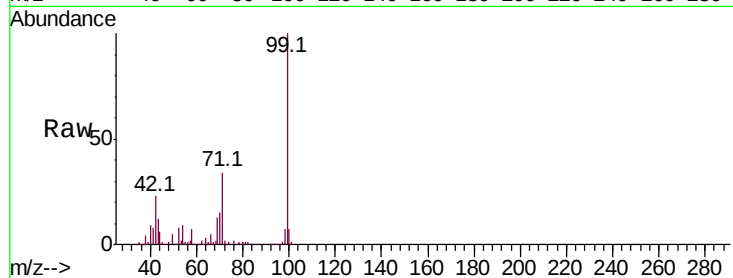
Tot Ion: 99 Resp: 2498041

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

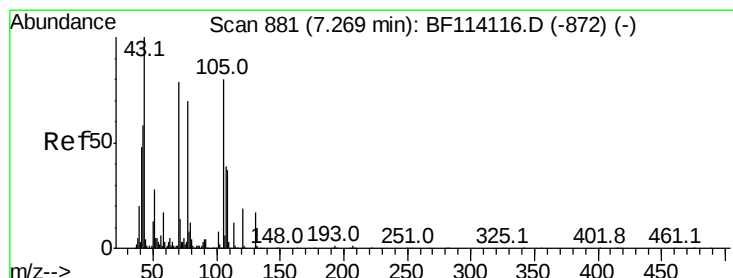
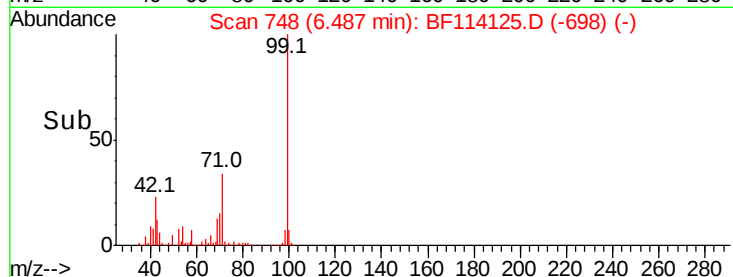
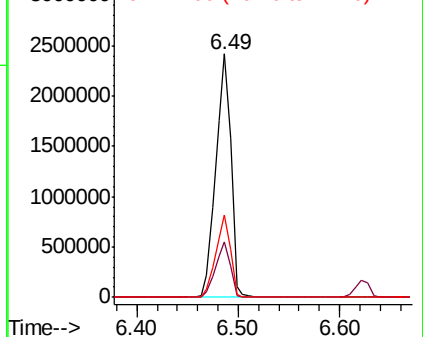
71 34.1 26.2 39.2



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: 11.841 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

Tgt Ion: 70 Resp: 201944

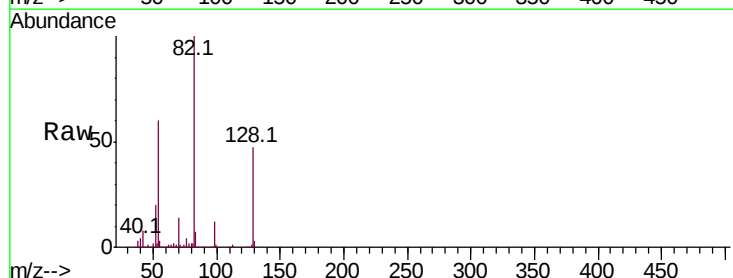
Ion Ratio Lower Upper

70 100

42 58.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

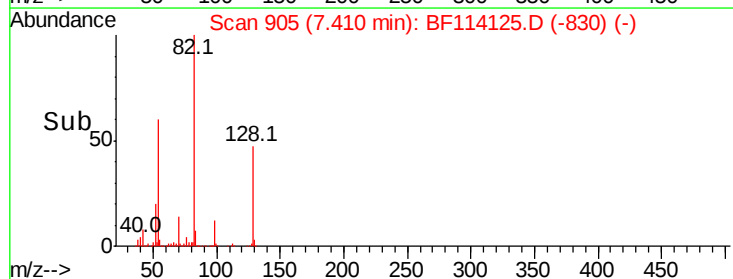
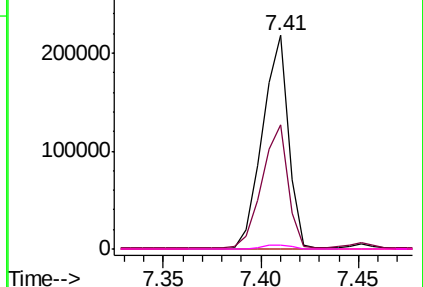


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

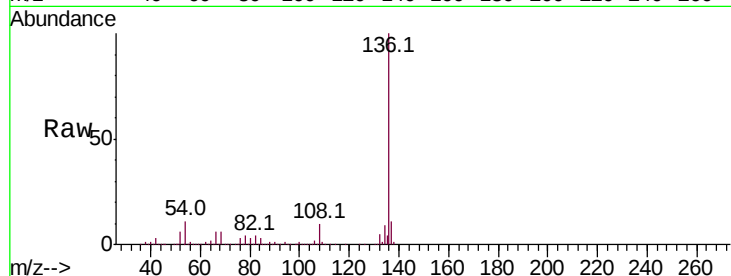




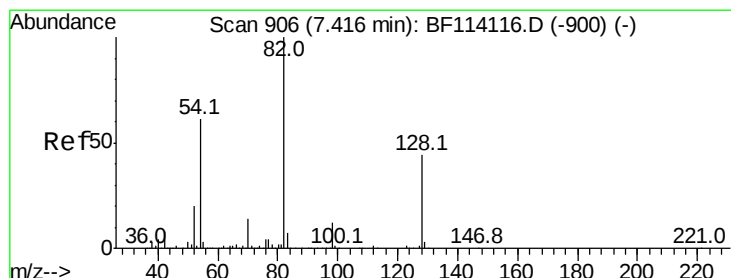
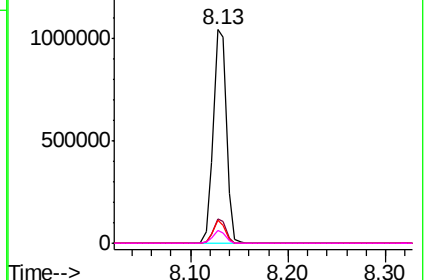
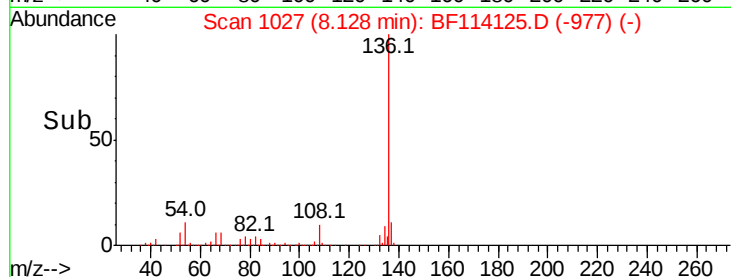
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

Instrument :
BNA_F
ClientSampleId :
P021-SS002-1218-01

Tot Ion:136	Resp: 985038
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 10.6	7.8 11.8
68 5.9	5.1 7.7

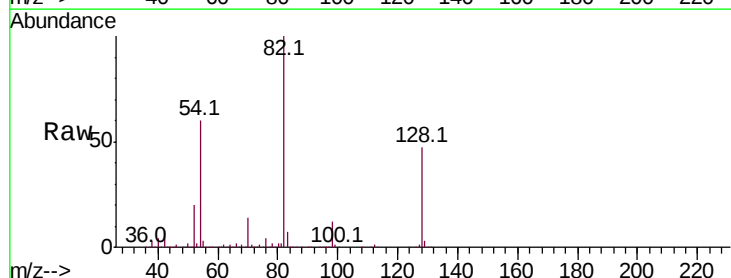


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

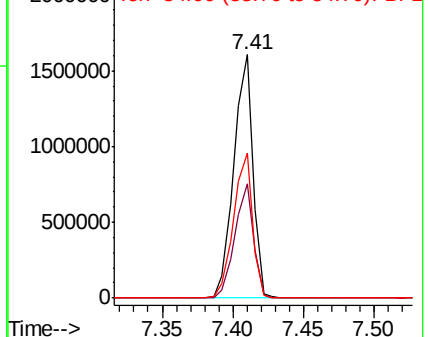
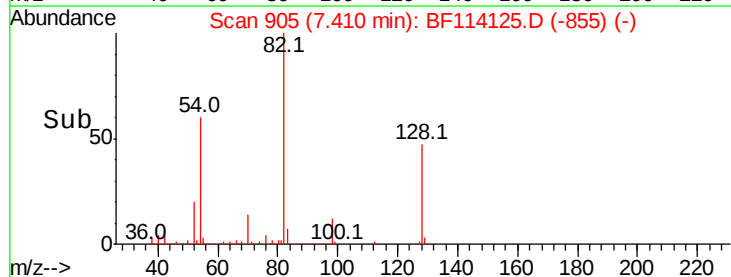


#23
Nitrobenzene-d5
Concen: 86.359 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

Tgt Ion: 82	Resp: 1515794
Ion Ratio	Lower Upper
82 100	
128 46.7	35.5 53.3
54 59.6	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: 46.437 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

Instrument :

BNA_F

ClientSampleId :

P021-SS002-1218-01

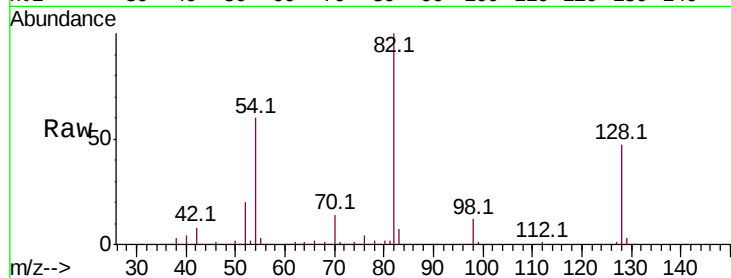
Tot Ion: 82 Resp: 1511631

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

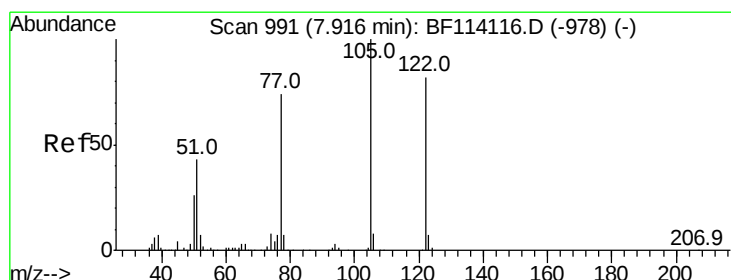
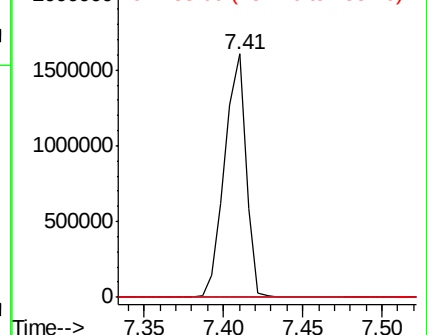
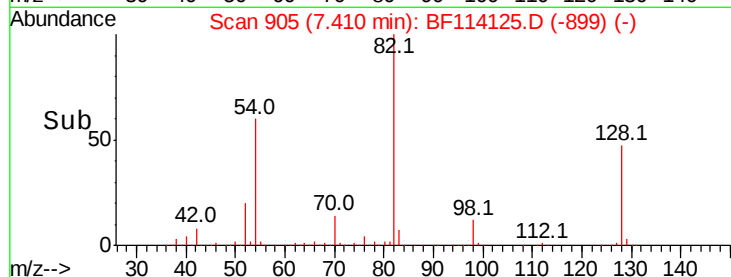
138 0.0 14.8 22.2#



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: 7.031 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

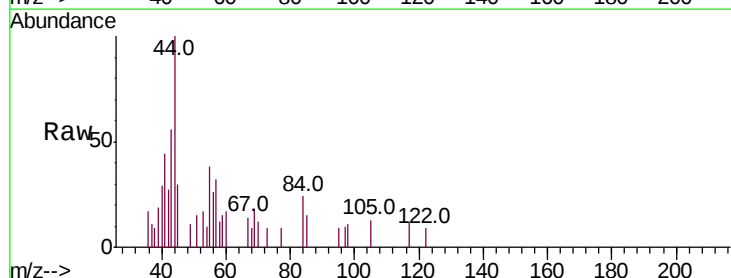
Tgt Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 135.3 99.9 139.9

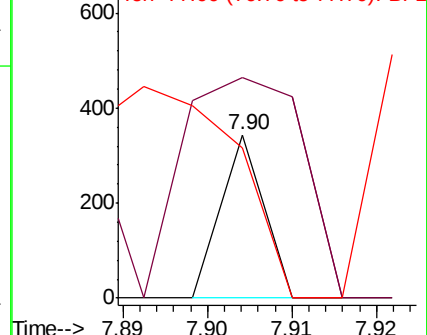
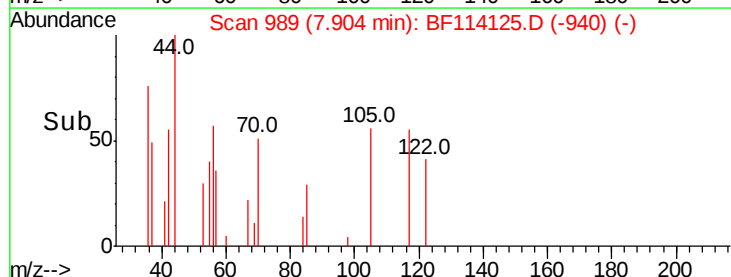
77 92.1 69.4 109.4

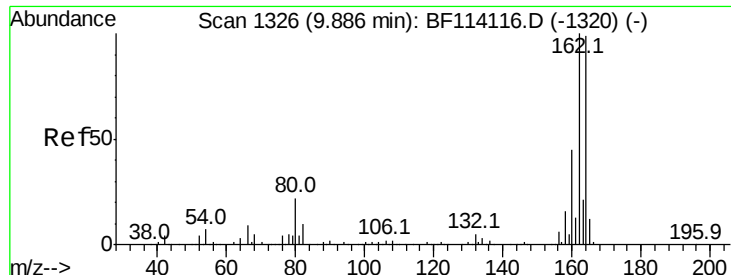


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

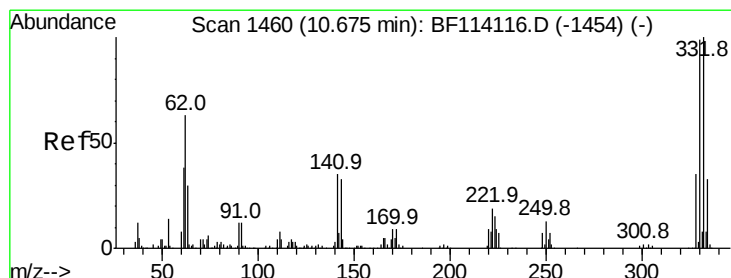
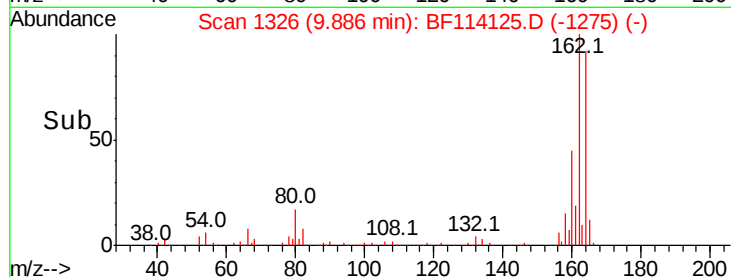
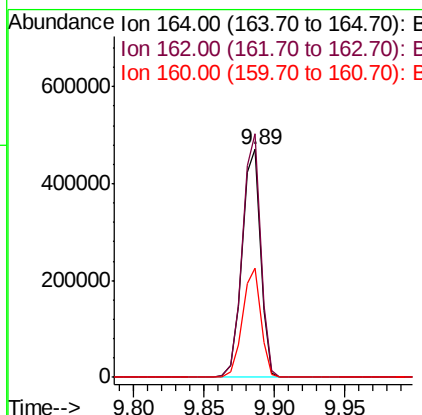
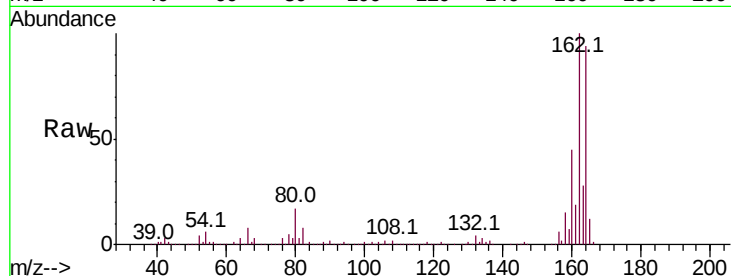




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

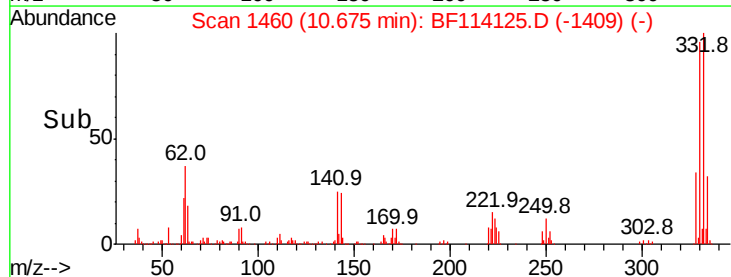
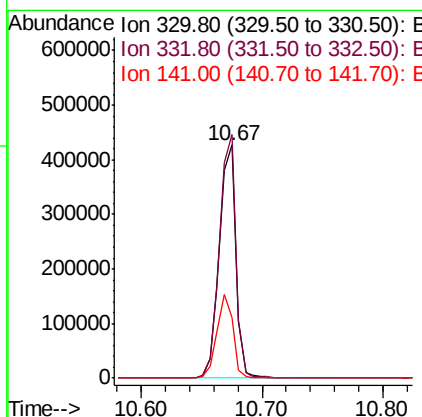
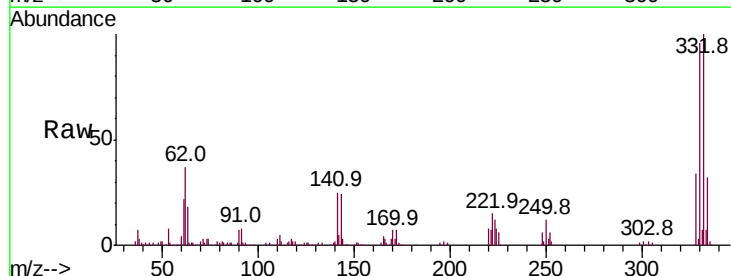
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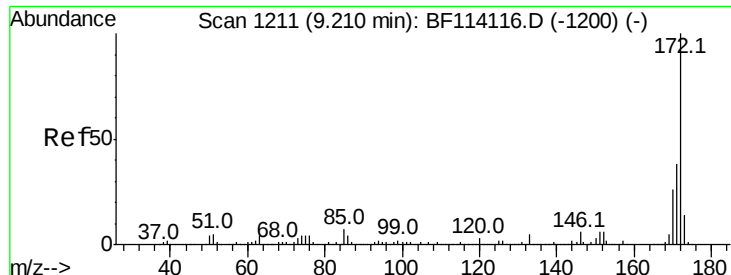
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	80.6	120.8
160	47.9	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 90.508 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114125.D
Acq: 10 May 2019 17:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	81.4	122.2
141	34.7	26.6	40.0



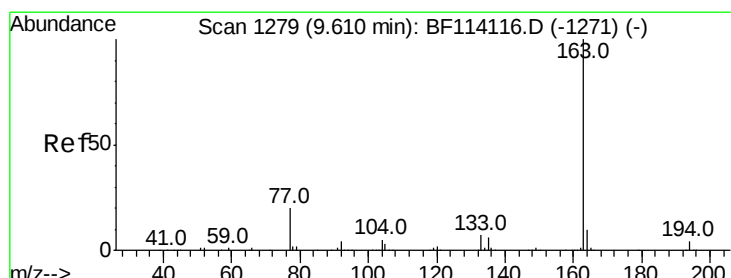
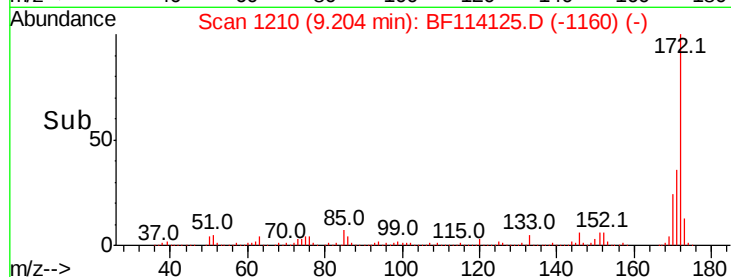
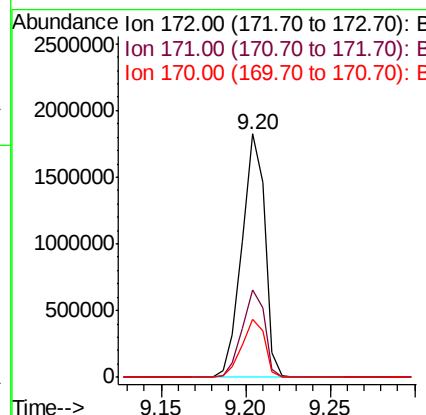
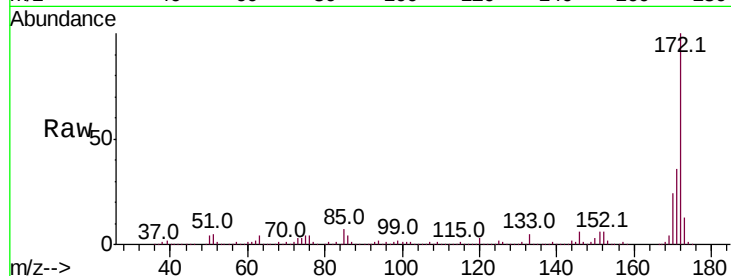


#45
 2-Fluorobiphenyl
 Concen: 60.252 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114125.D
 Acq: 10 May 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS002-1218-01

Tot Ion:172 Resp: 1719279

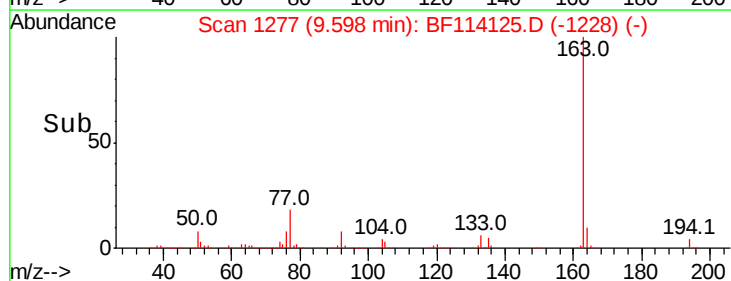
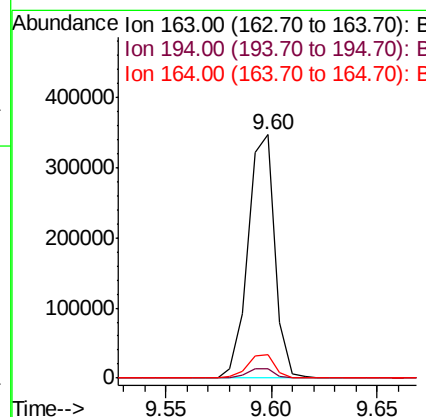
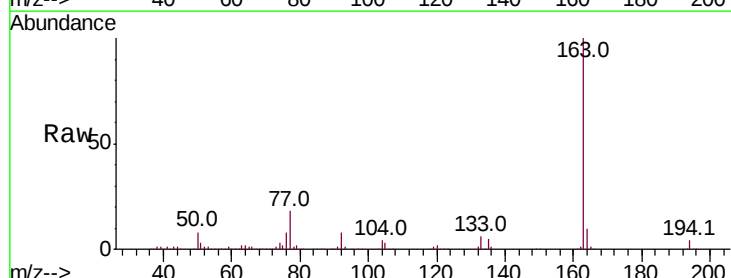
Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.7	46.1
170	23.9	20.5	30.7

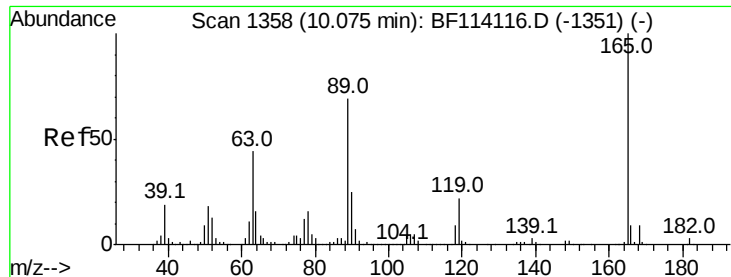


#50
 Dimethylphthalate
 Concen: 9.610 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114125.D
 Acq: 10 May 2019 17:29

Tgt Ion:163 Resp: 304490

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.6	8.2	12.2

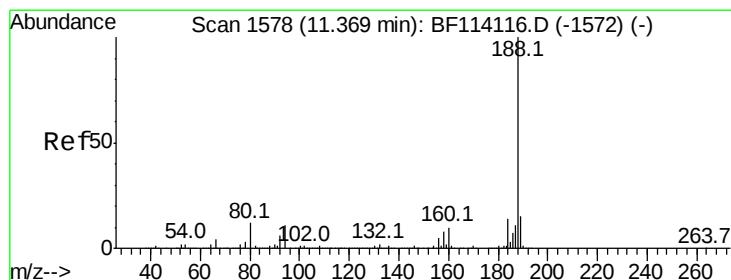
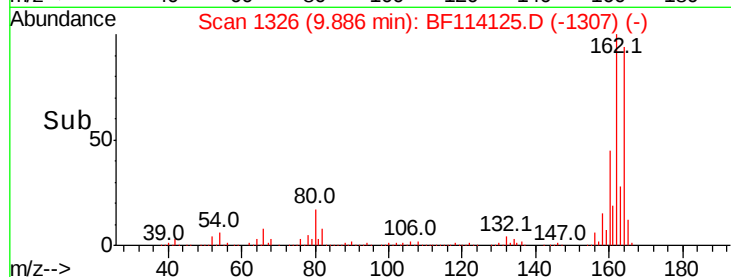
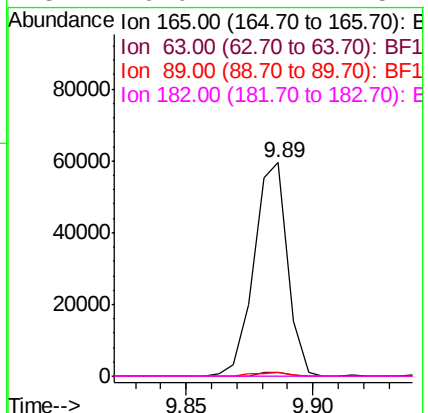
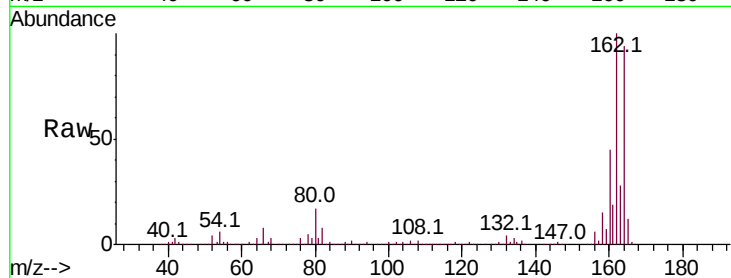




#57
 2,4-Dinitrotoluene
 Concen: 5.757 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114125.D
 Acq: 10 May 2019 17:29

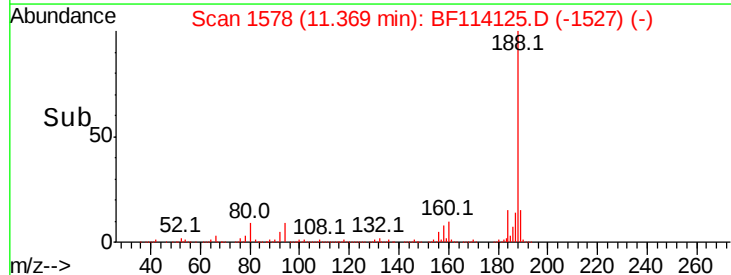
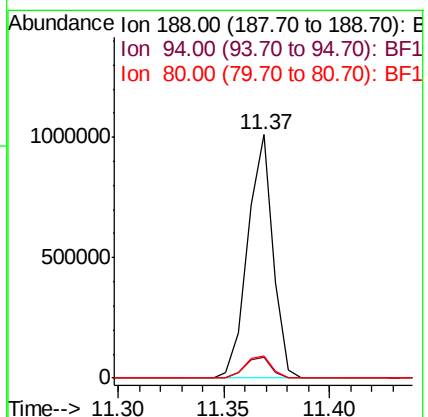
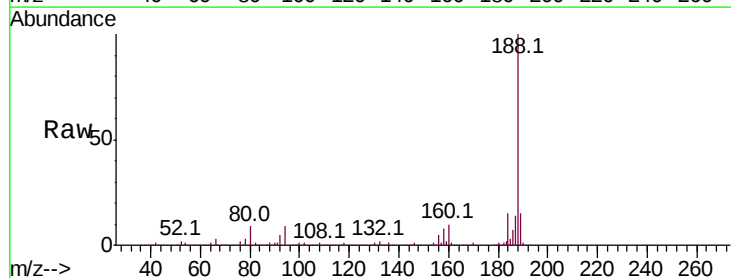
Instrument :
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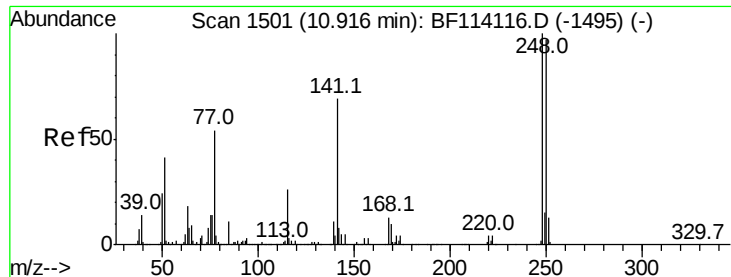
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	2.0	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114125.D
 Acq: 10 May 2019 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.4	12.6
80	9.3	9.2	13.8





#67

4-Bromophenyl-phenylether

Concen: 2.885 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

Instrument :

BNA_F

ClientSampleId :

P021-SS002-1218-01

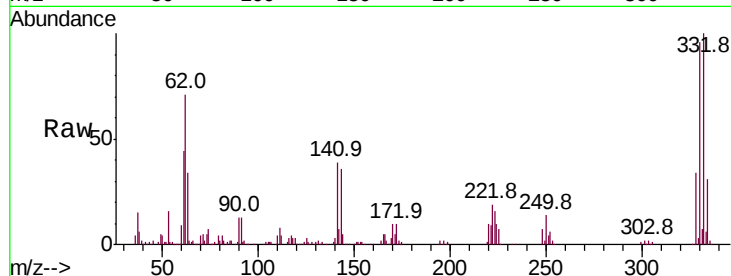
Tot Ion:248 Resp: 26671

Ion Ratio Lower Upper

248 100

250 201.8 77.4 116.2#

141 556.2 55.6 83.4#

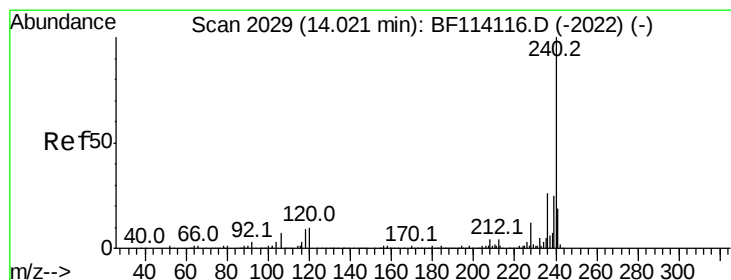
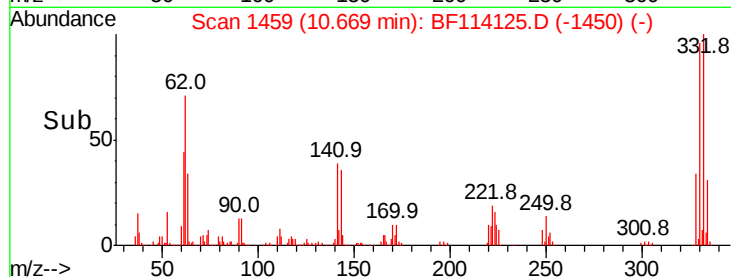
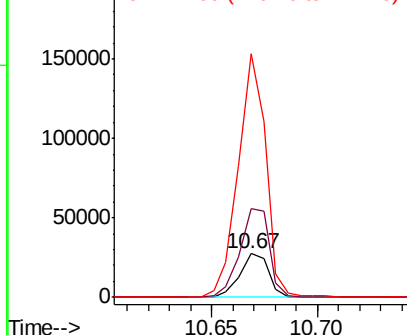


Abundance

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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

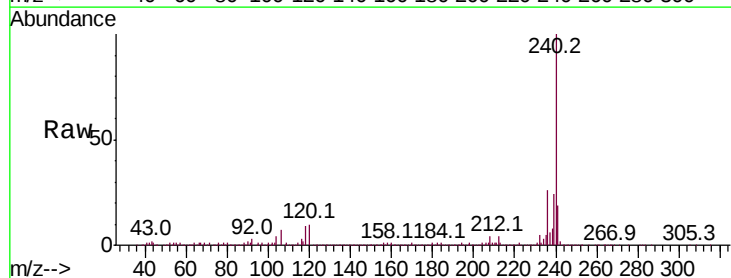
Tgt Ion:240 Resp: 551862

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

236 26.3 20.8 31.2

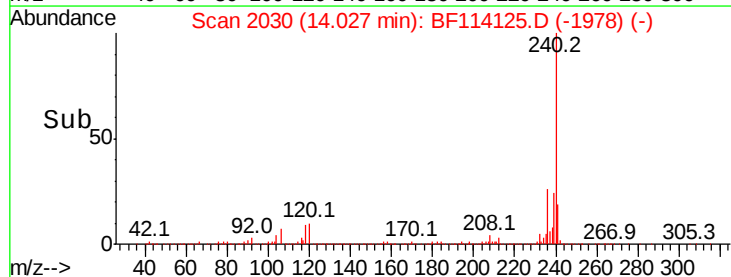
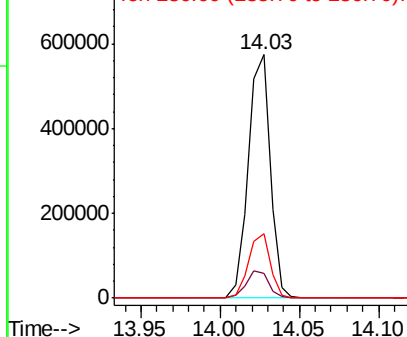


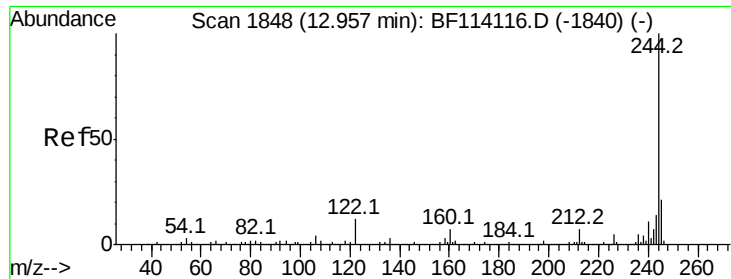
Abundance

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: 58.890 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

Instrument :

BNA_F

ClientSampleId :

P021-SS002-1218-01

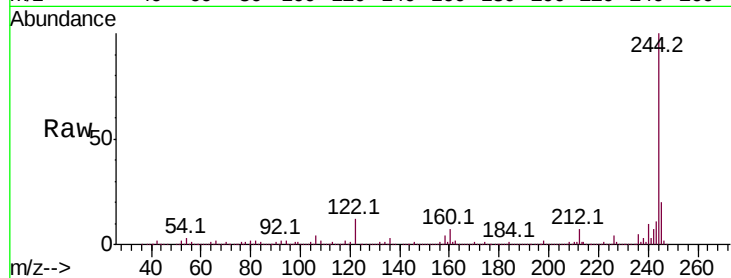
Tot Ion:244 Resp: 1576521

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

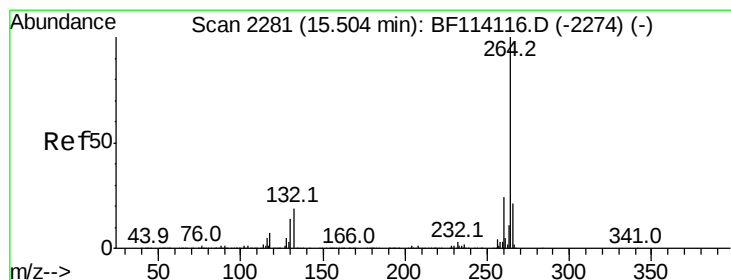
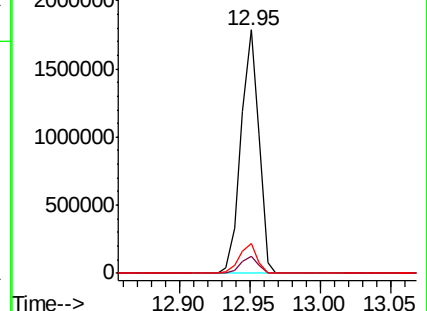
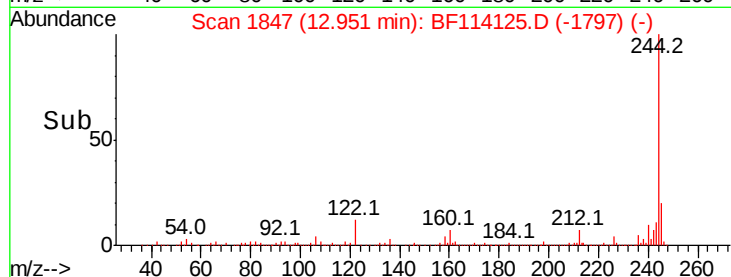
122 12.2 9.4 14.2



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: 15.54 min Scan# 2287

Delta R.T. 0.04 min

Lab File: BF114125.D

Acq: 10 May 2019 17:29

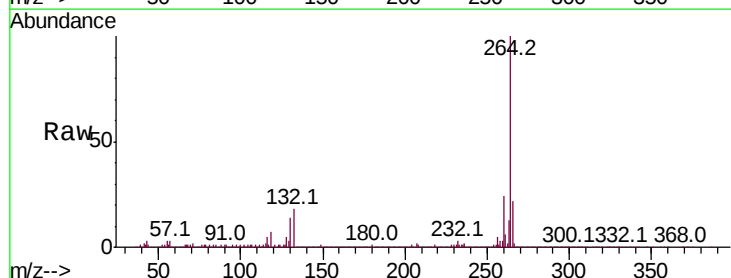
Tgt Ion:264 Resp: 843272

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.4 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

