

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114127.D
 Acq On : 10 May 2019 18:22
 Operator : JU/SJ
 Sample : K2762-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS002-0612-01

Quant Time: May 11 04:01:02 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

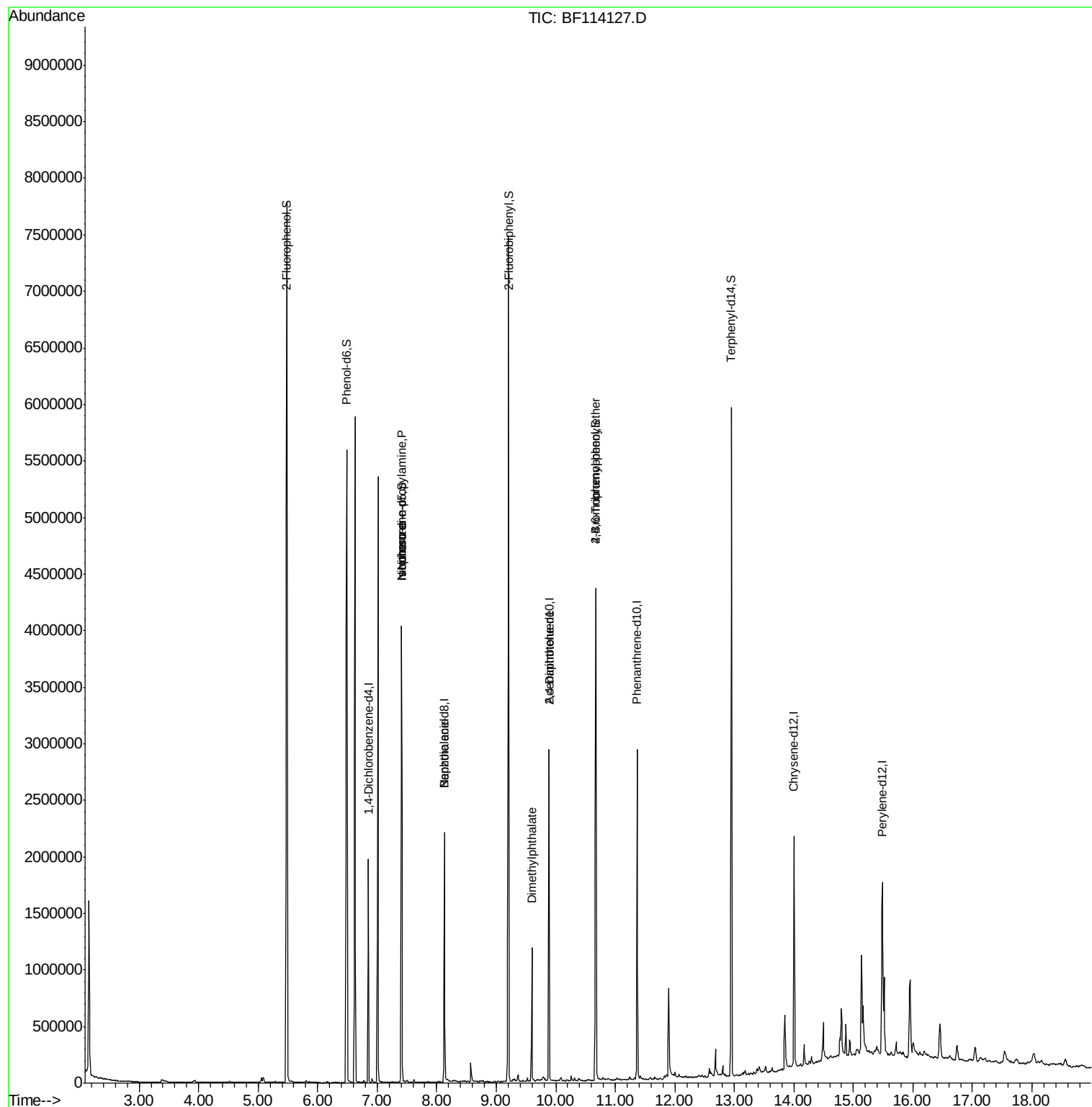
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	262368	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1016928	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	541419	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1010345	20.00	ng	0.00
76) Chrysene-d12	14.00	240	655383	20.00	ng	-0.02
87) Perylene-d12	15.49	264	693993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2146320	131.65	ng	0.00
7) Phenol-d6	6.49	99	2023644	104.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1248554	68.90	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	558177	99.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2391115	66.81	ng	0.00
79) Terphenyl-d14	12.95	244	1910526	60.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	169537	13.871	ng	# 78
25) Isophorone	7.41	82	1245975	37.075	ng	# 64
32) Benzoic acid	8.13	122	117	7.031	ng	# 1
50) Dimethylphthalate	9.60	163	468568	11.789	ng	99
57) 2,4-Dinitrotoluene	9.89	165	71941	6.013	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	34918	3.139	ng	# 1

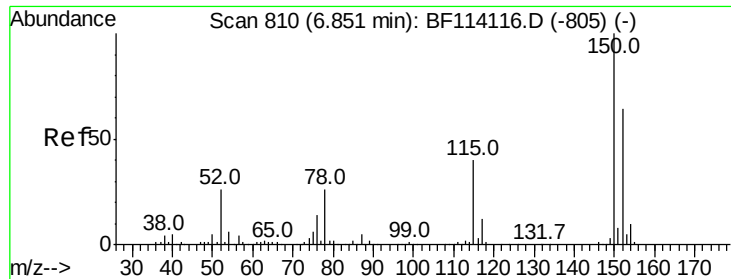
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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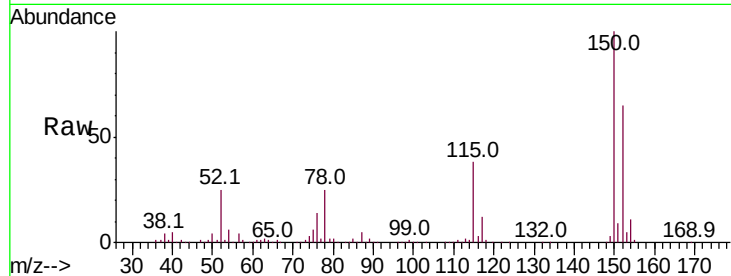


#1

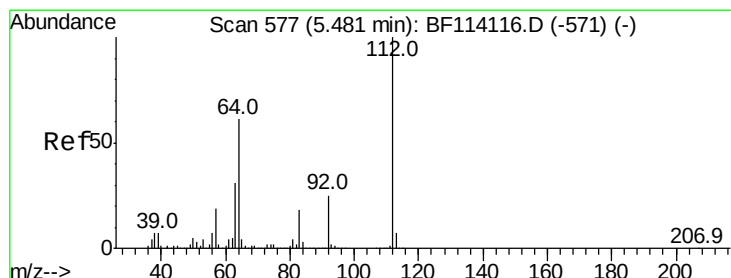
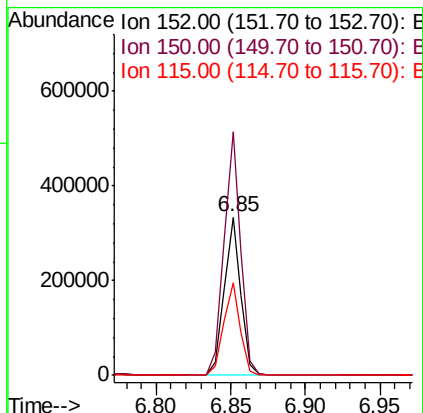
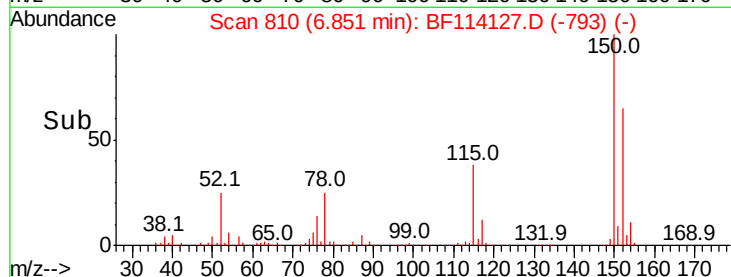
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tot Ion:152 Resp: 262368
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 58.4 49.1 73.7



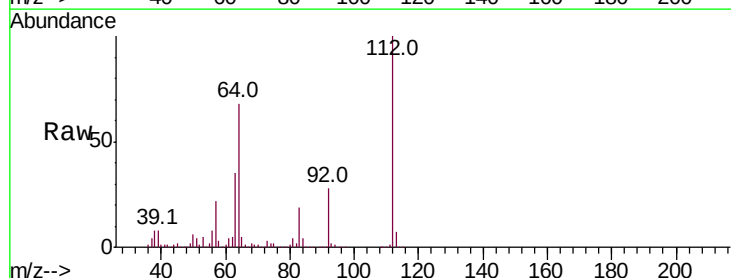
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



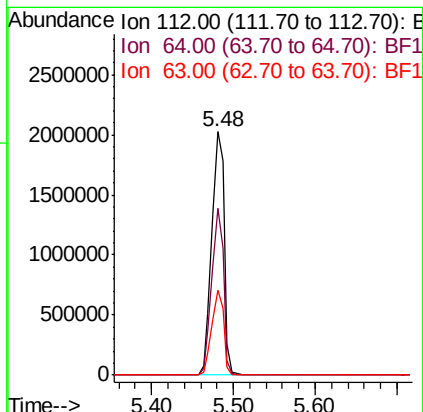
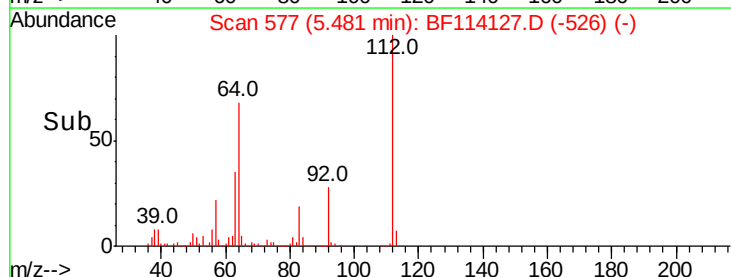
#5

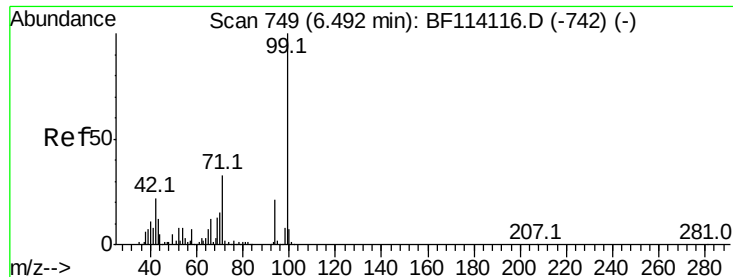
2-Fluorophenol
Concen: 131.647 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:112 Resp: 2146320
Ion Ratio Lower Upper
112 100
64 68.3 49.0 73.6
63 35.0 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: 104.945 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

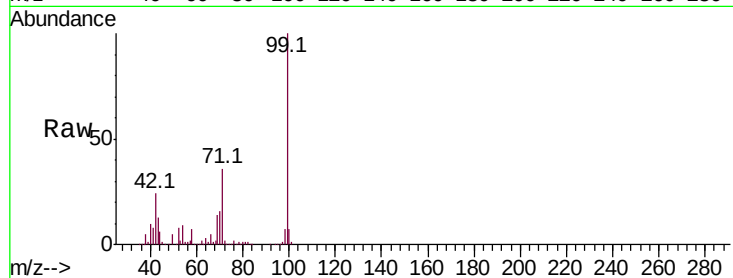
BNA_F

ClientSampleId :

P021-SS002-0612-01

Tot Ion: 99 Resp: 2023644

Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.9	26.9
71	35.6	26.2	39.2

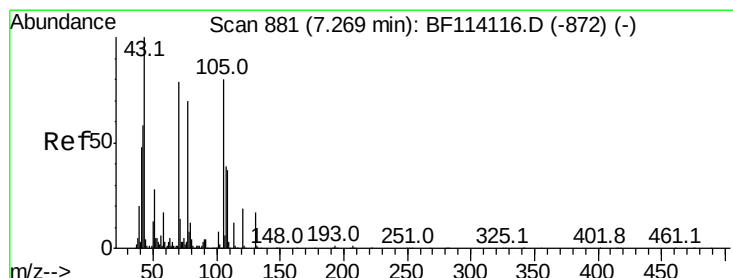
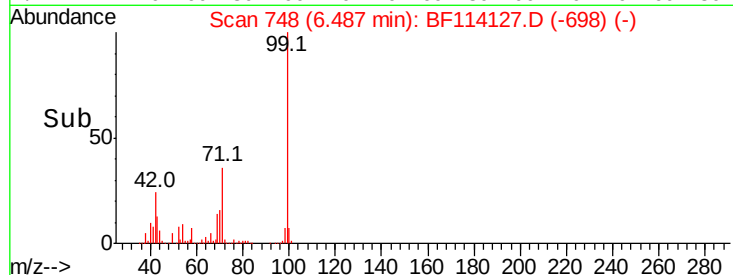
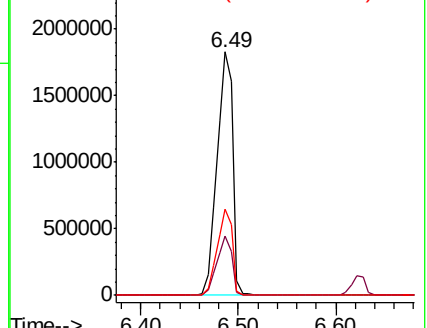


Abundance

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: 13.871 ng

RT: 7.41 min Scan# 905

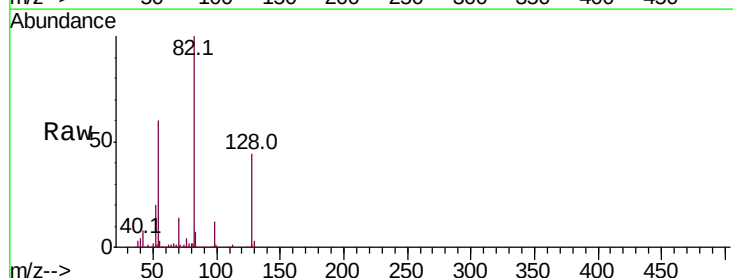
Delta R.T. 0.14 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Tgt Ion: 70 Resp: 169537

Ion	Ratio	Lower	Upper
70	100		
42	59.8	58.6	87.8
101	0.0	7.8	11.8#
130	2.4	17.1	25.7#



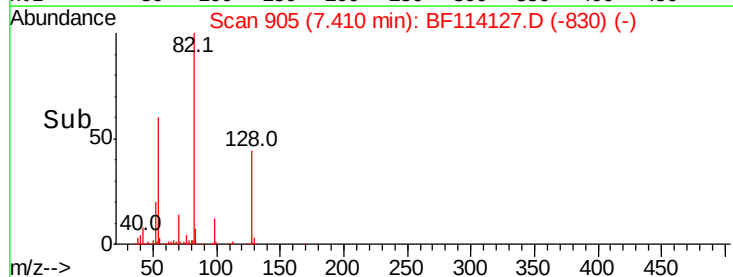
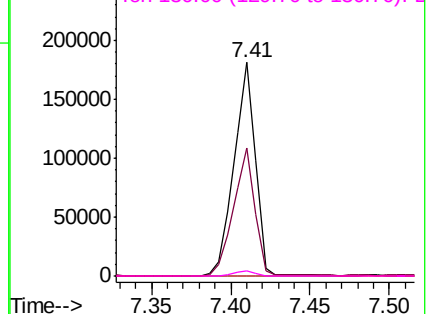
Abundance

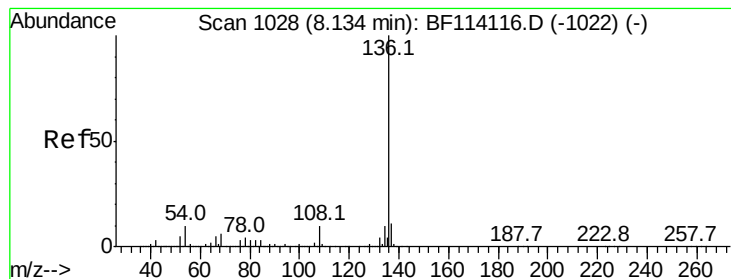
Ion 70.00 (69.70 to 70.70): BF1

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: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

Tot Ion:136 Resp: 1016928

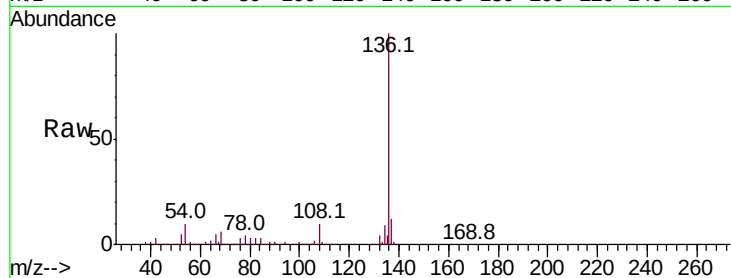
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 10.5 7.8 11.8

68 5.8 5.1 7.7

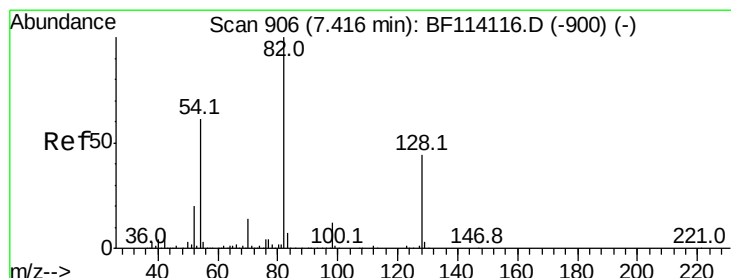
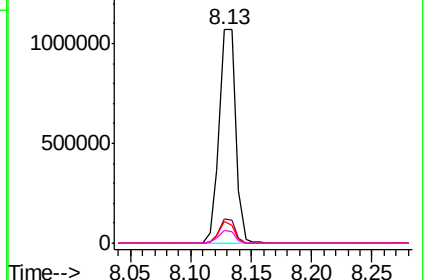
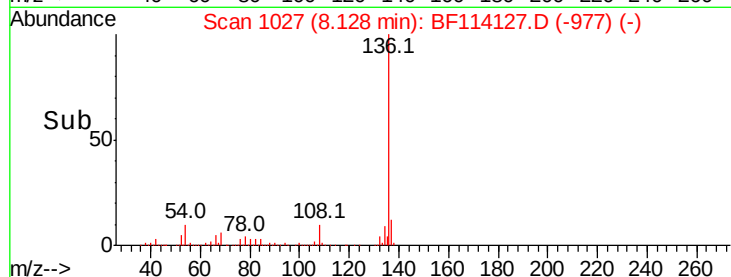


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.903 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

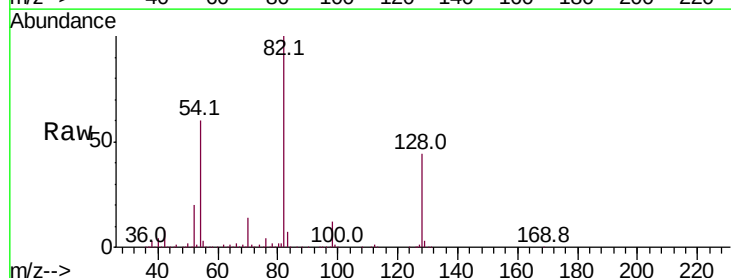
Tgt Ion: 82 Resp: 1248554

Ion Ratio Lower Upper

82 100

128 44.4 35.5 53.3

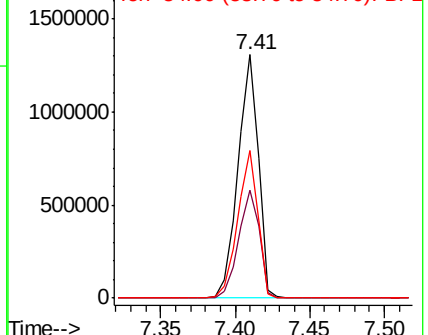
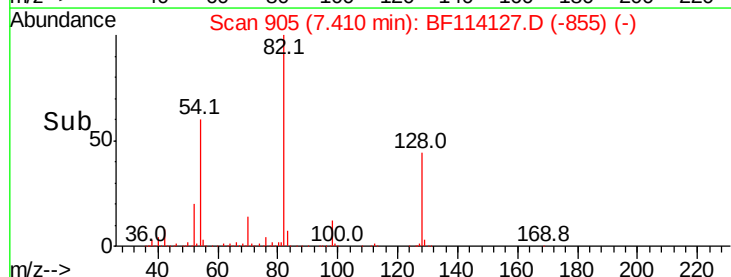
54 60.5 48.5 72.7

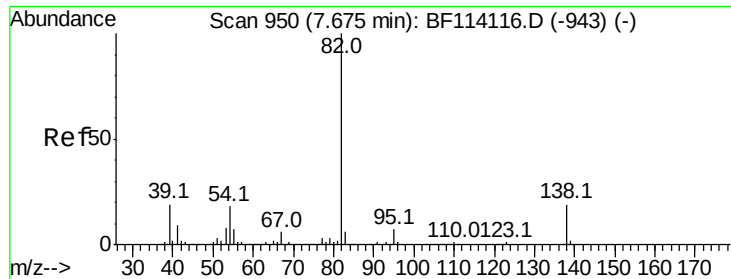


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.075 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

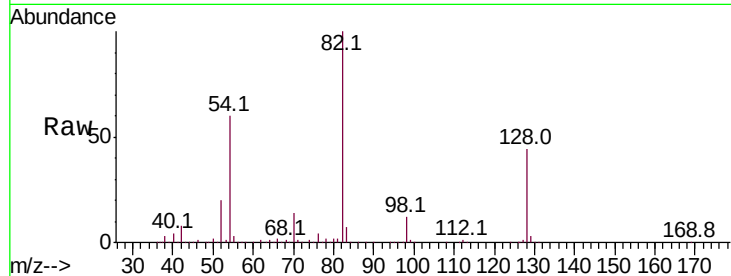
Tot Ion: 82 Resp: 1245975

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

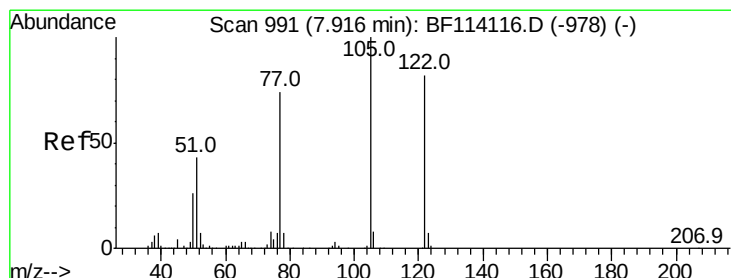
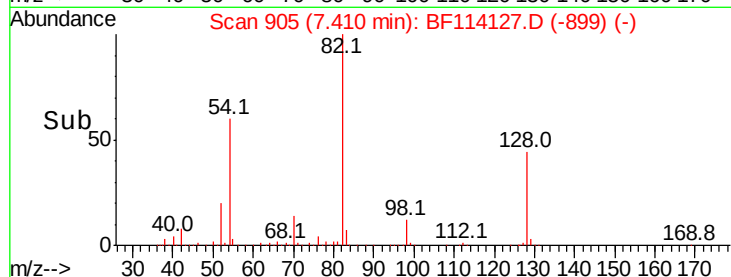
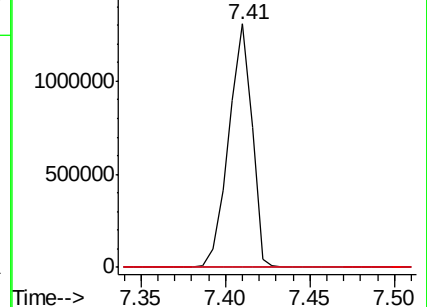
138 0.0 14.8 22.2#



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: 8.13 min Scan# 1027

Delta R.T. 0.21 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

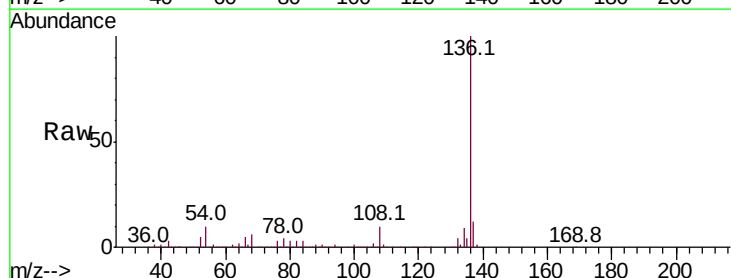
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 254.4 99.9 139.9#

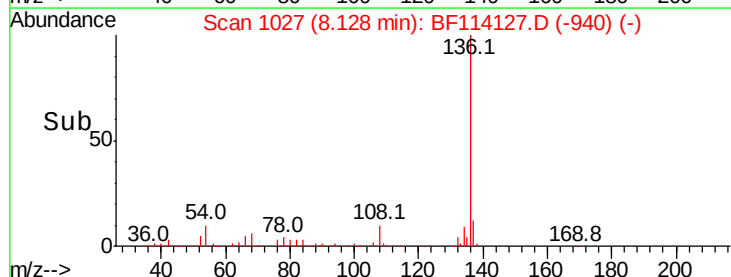
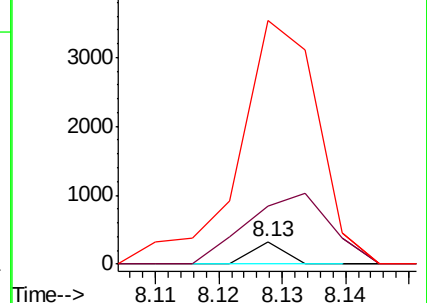
77 1068.0 69.4 109.4#

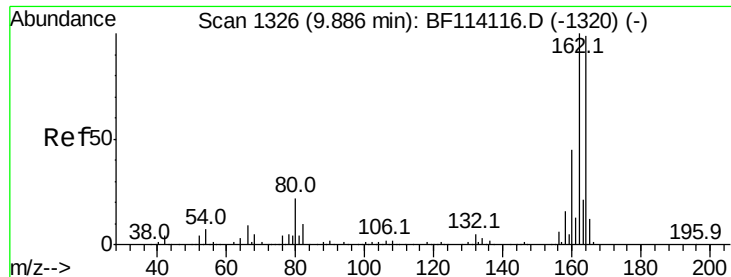


Abundance Ion 122.00 (121.70 to 122.70): BF1

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: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

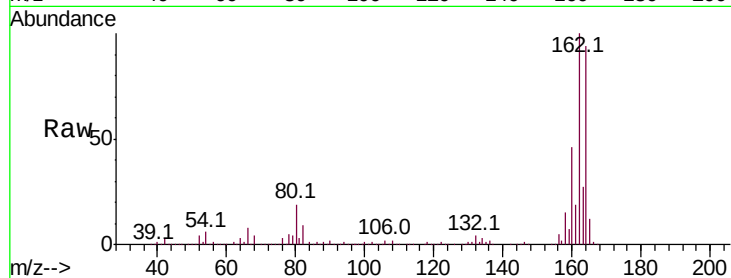
Tot Ion:164 Resp: 541419

Ion Ratio Lower Upper

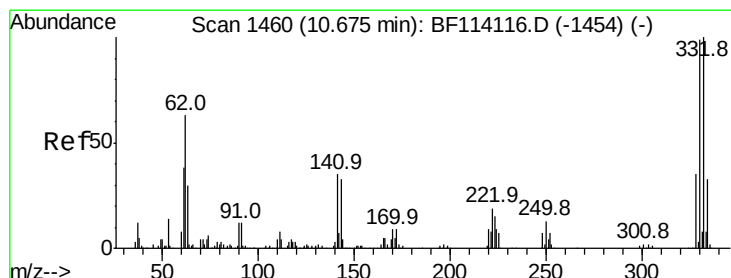
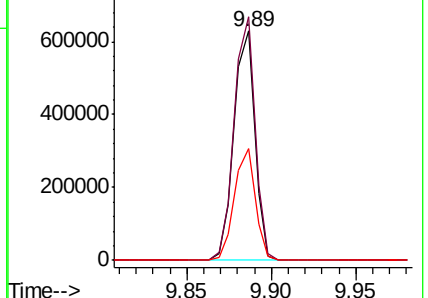
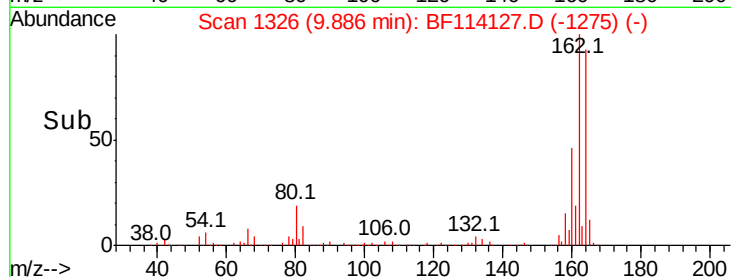
164 100

162 106.2 80.6 120.8

160 48.7 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: 99.721 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

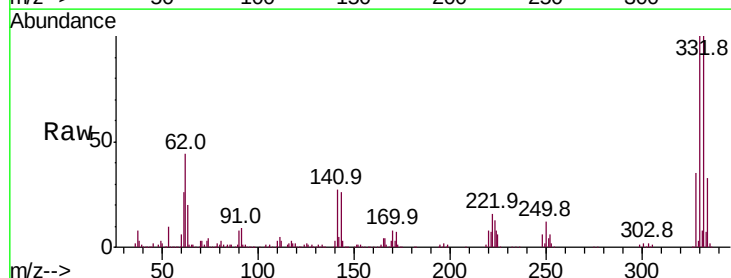
Tgt Ion:330 Resp: 558177

Ion Ratio Lower Upper

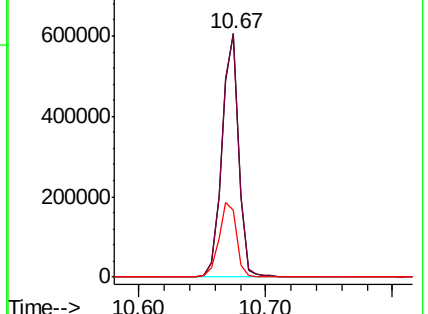
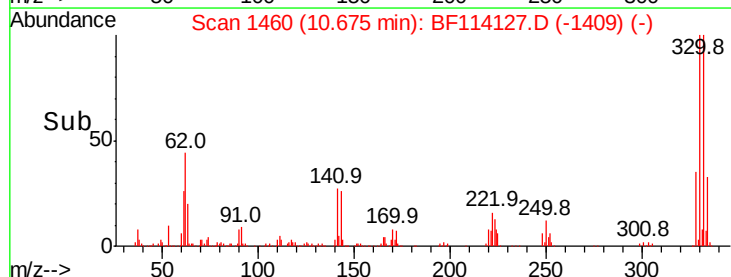
330 100

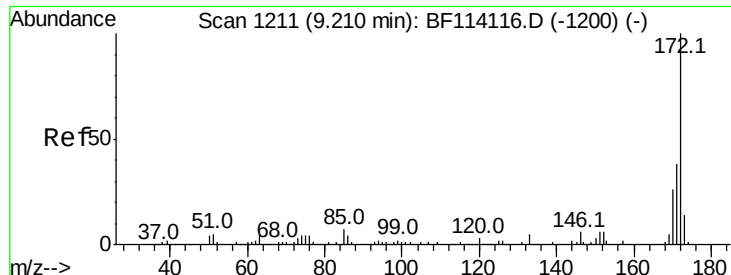
332 100.5 81.4 122.2

141 32.6 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

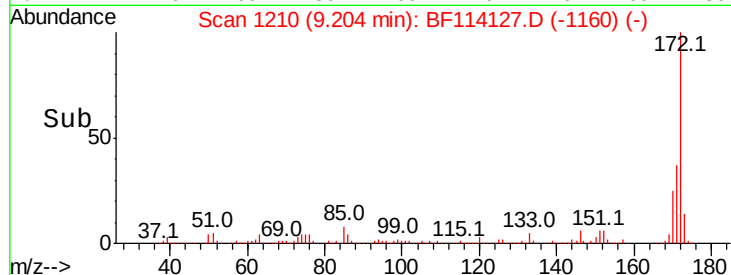
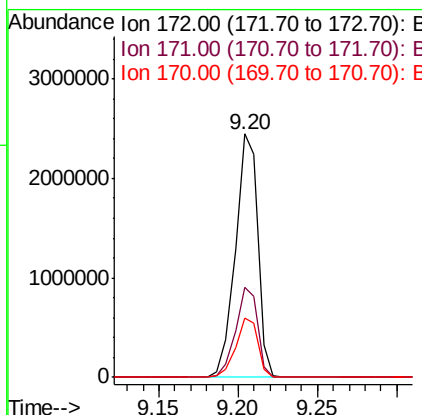
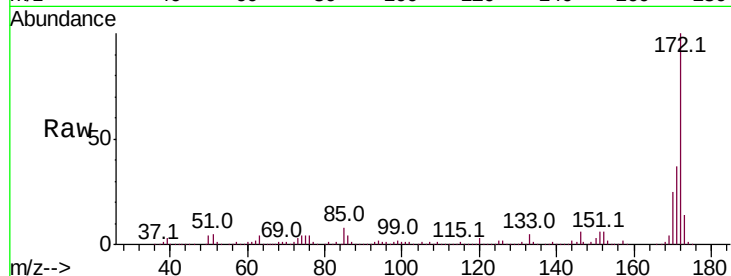




#45
 2-Fluorobiphenyl
 Concen: 66.805 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114127.D
 Acq: 10 May 2019 18:22

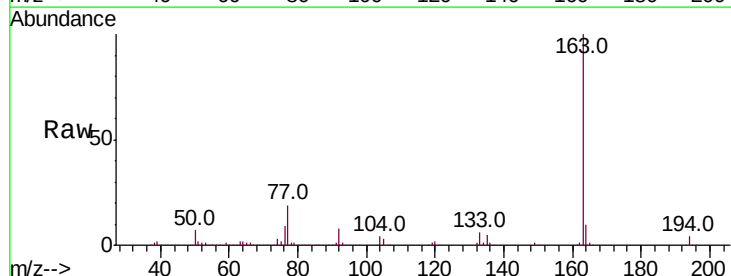
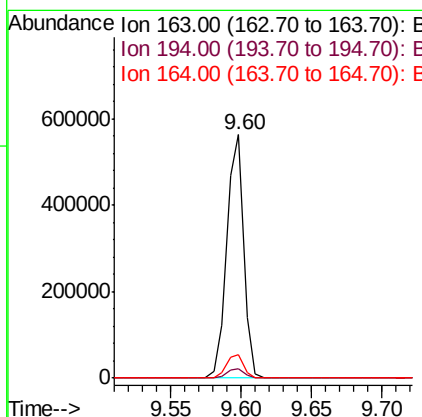
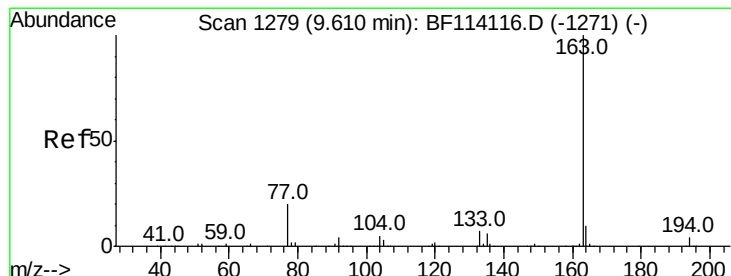
Instrument :
 BNA_F
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 P021-SS002-0612-01

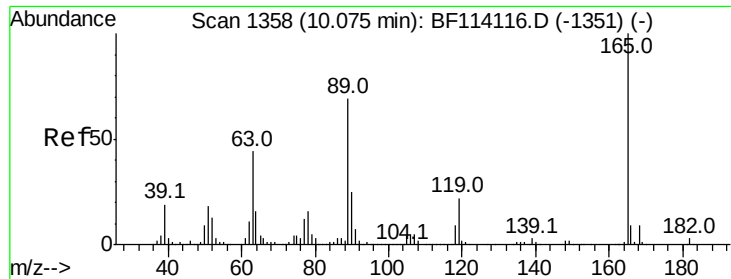
Tot Ion:172 Resp: 2391115
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.7 46.1
 170 24.6 20.5 30.7



#50
 Dimethylphthalate
 Concen: 11.789 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114127.D
 Acq: 10 May 2019 18:22

Tgt Ion:163 Resp: 468568
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 9.8 8.2 12.2





#57

2,4-Dinitrotoluene

Concen: 6.013 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

Tot Ion:165 Resp: 71941

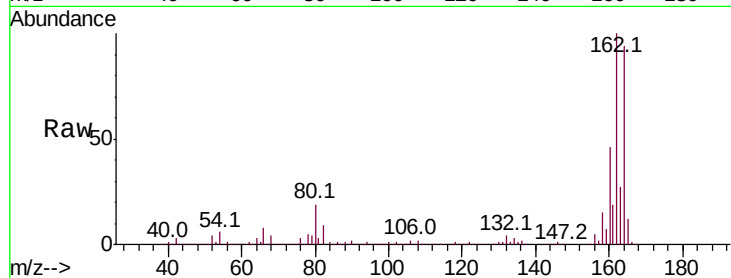
Ion Ratio Lower Upper

165 100

63 1.3 35.5 53.3#

89 1.1 55.2 82.8#

182 0.0 2.2 3.2#

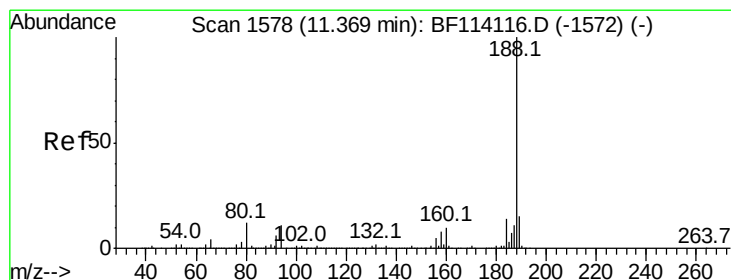
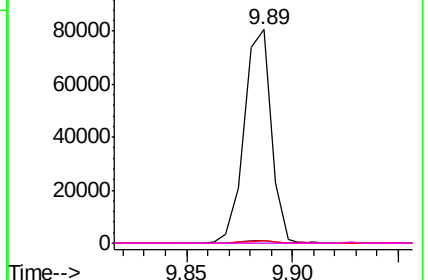
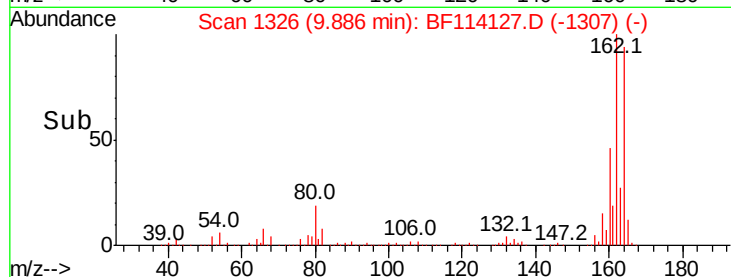


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1578

Delta R.T. -0.00 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

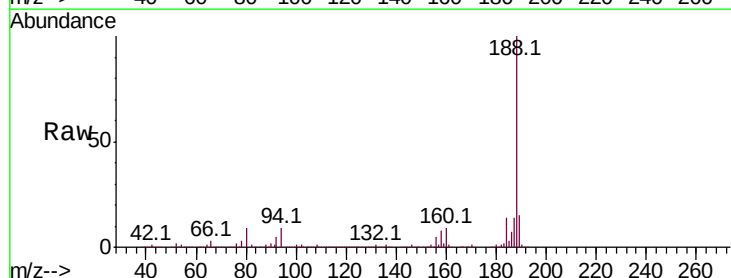
Tgt Ion:188 Resp: 1010345

Ion Ratio Lower Upper

188 100

94 9.0 8.4 12.6

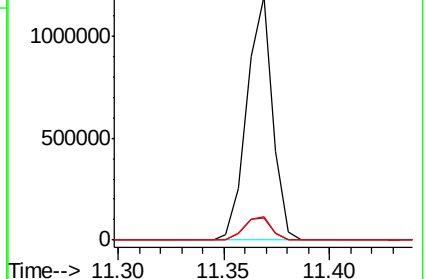
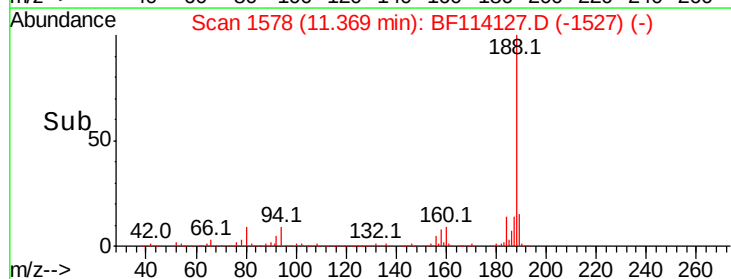
80 9.5 9.2 13.8

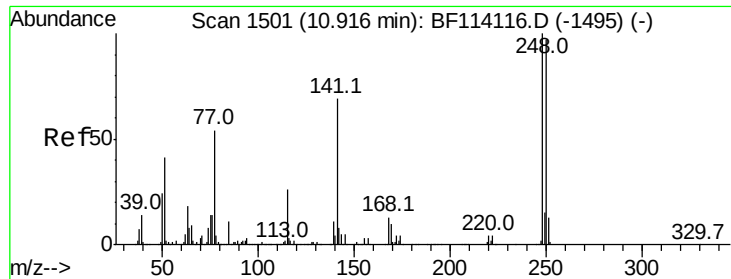


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.139 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

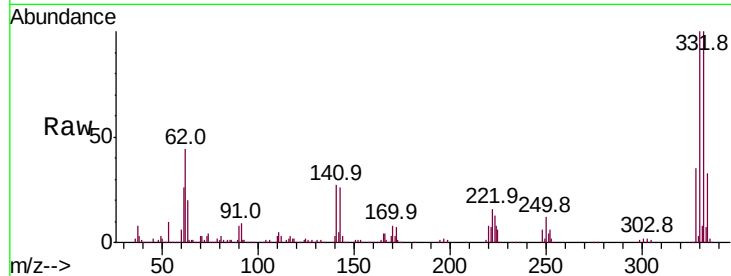
Tot Ion:248 Resp: 34918

Ion Ratio Lower Upper

248 100

250 200.3 77.4 116.2#

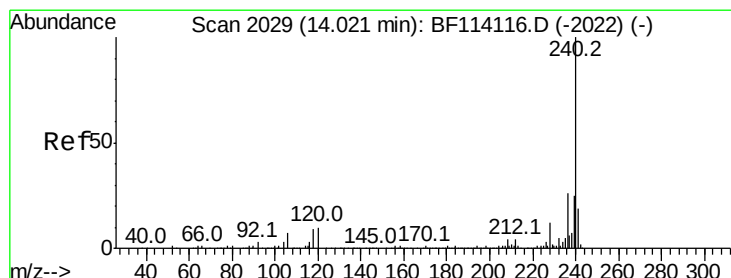
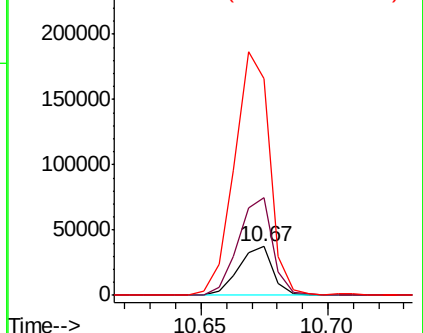
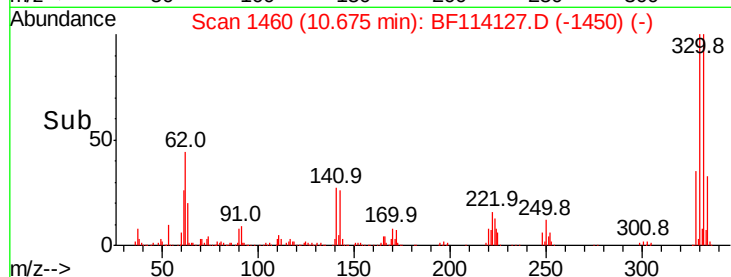
141 442.7 55.6 83.4#



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

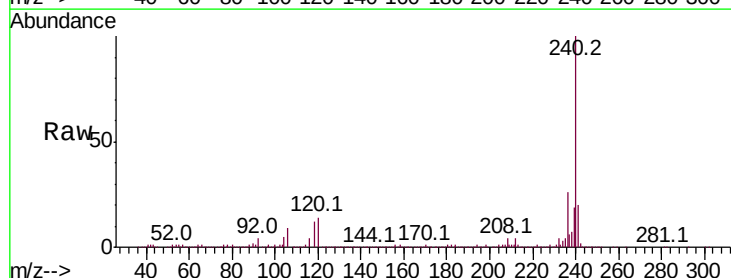
Tgt Ion:240 Resp: 655383

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

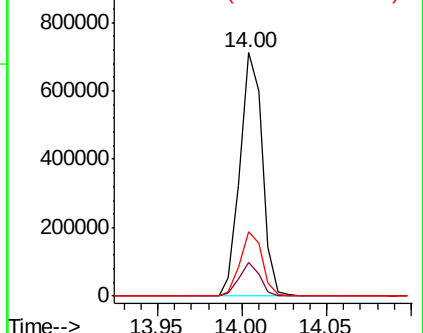
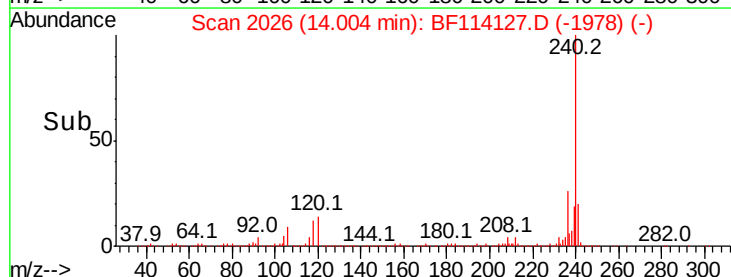
236 26.3 20.8 31.2

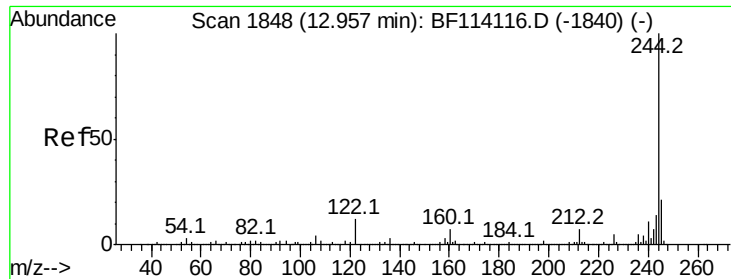


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.093 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

P021-SS002-0612-01

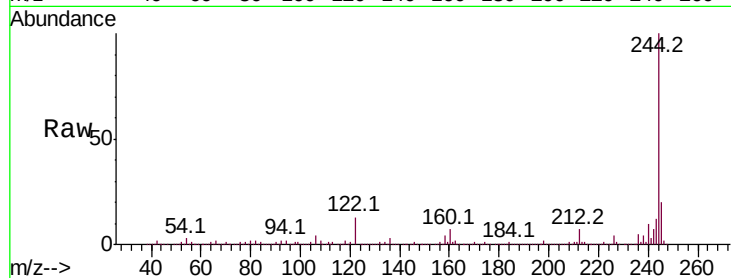
Tot Ion:244 Resp: 1910526

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

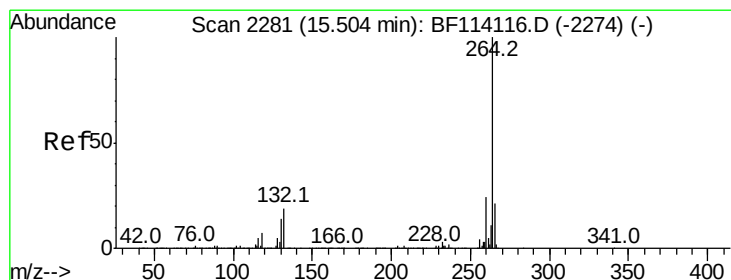
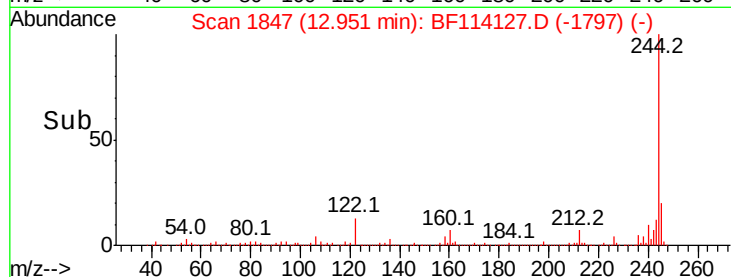
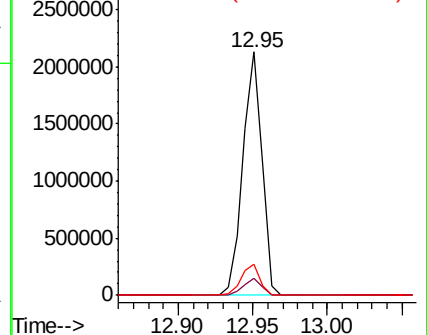
122 12.9 9.4 14.2



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114127.D

Acq: 10 May 2019 18:22

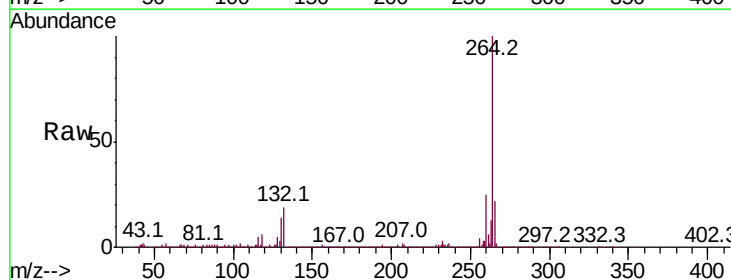
Tgt Ion:264 Resp: 693993

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.7 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

