

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114129.D
 Acq On : 10 May 2019 19:15
 Operator : JU/SJ
 Sample : K2762-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1824-01

Quant Time: May 11 04:01:20 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

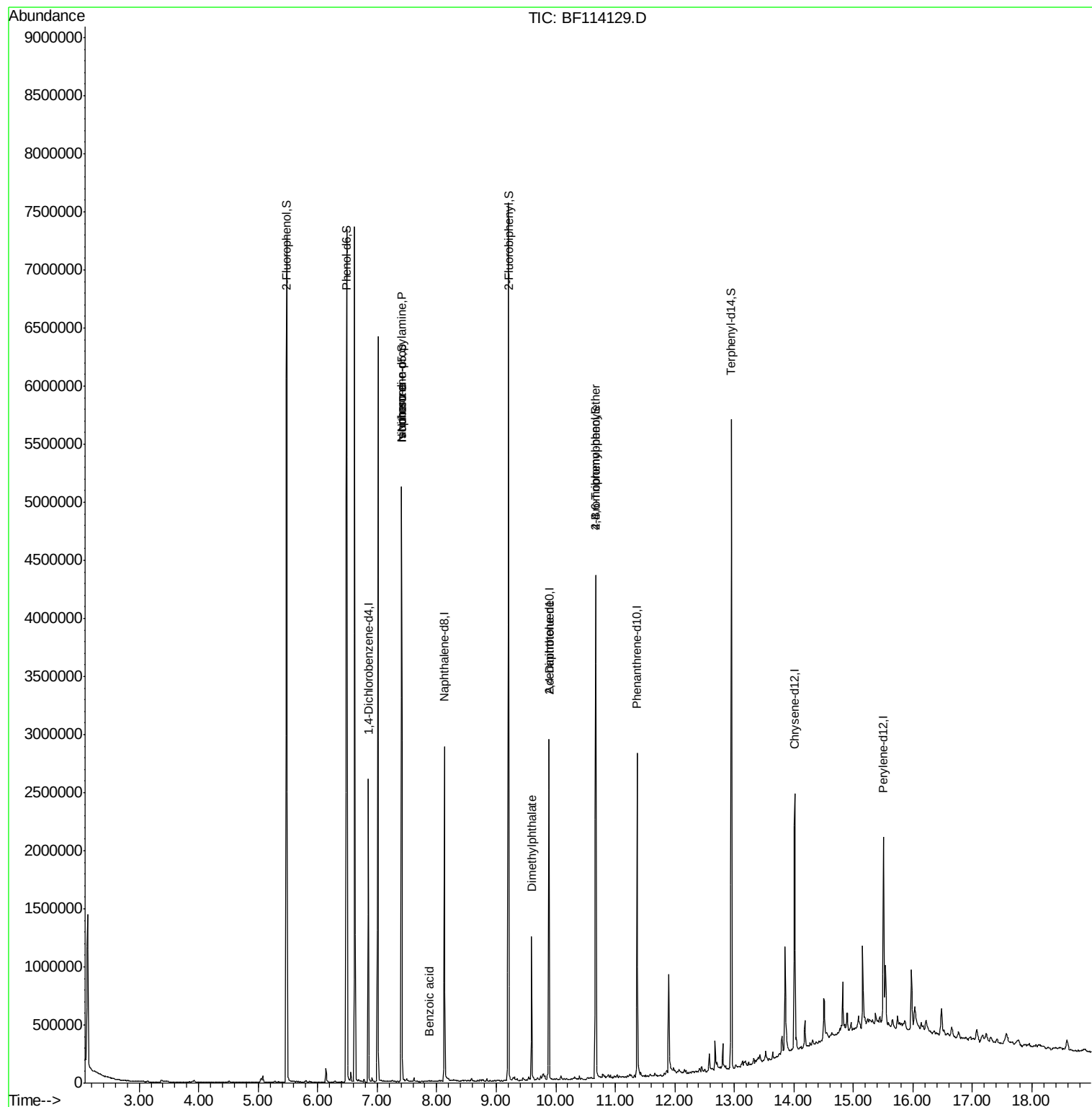
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	348378	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1279008	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	564044	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	952099	20.00	ng	0.00
76) Chrysene-d12	14.02	240	723483	20.00	ng	0.00
87) Perylene-d12	15.50	264	765869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1922164	88.79	ng	0.00
7) Phenol-d6	6.49	99	2555919	99.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	1535779	67.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	521662	89.46	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2350254	63.03	ng	0.00
79) Terphenyl-d14	12.95	244	1827600	52.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	202708	12.490	ng	# 77
25) Isophorone	7.41	82	1525800	36.099	ng	# 64
32) Benzoic acid	7.89	122	251	7.038	ng	# 38
50) Dimethylphthalate	9.60	163	493113	11.909	ng	99
57) 2,4-Dinitrotoluene	9.89	165	72921	5.850	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	33759	3.220	ng	# 1

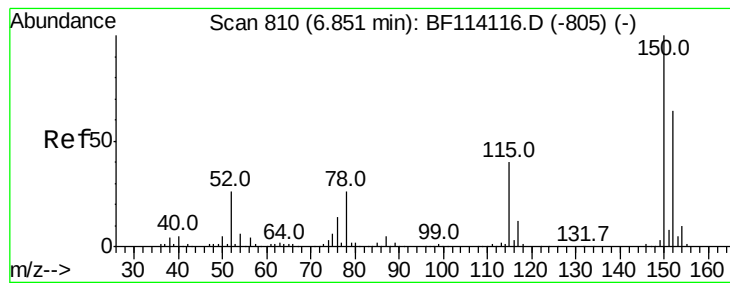
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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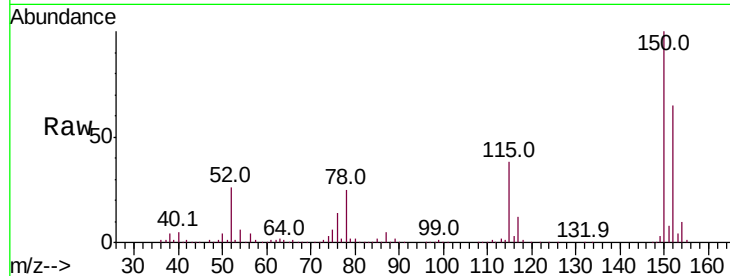


#1

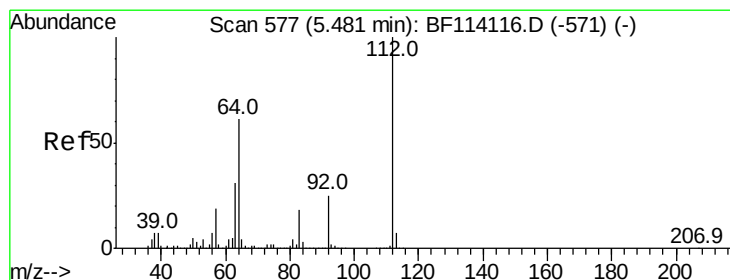
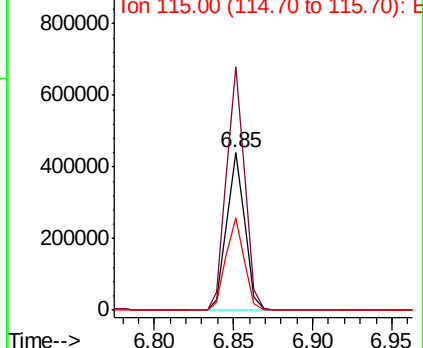
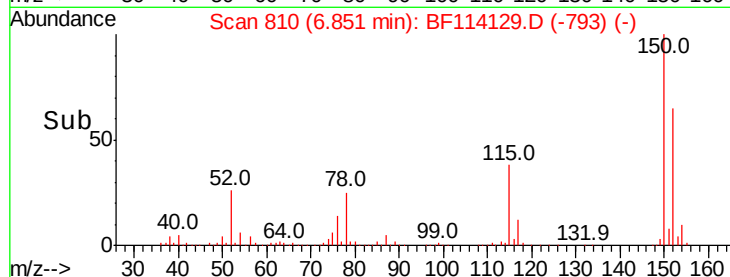
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1824-01

Tot Ion:152 Resp: 348378
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 59.1 49.1 73.7



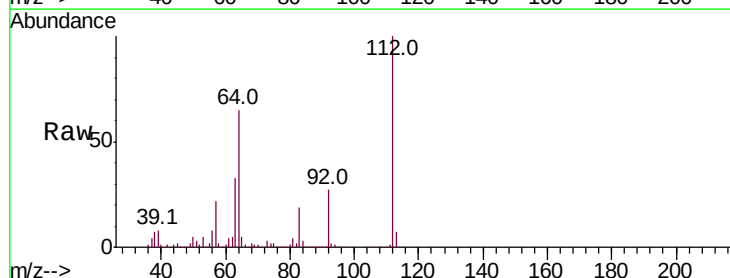
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



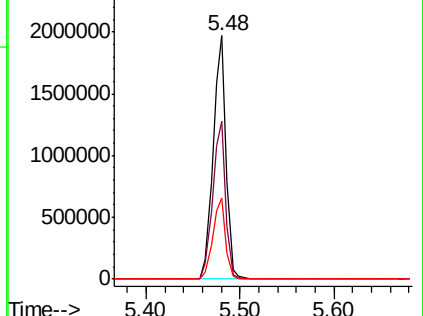
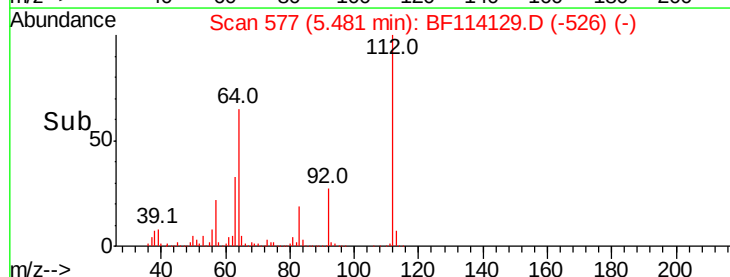
#5

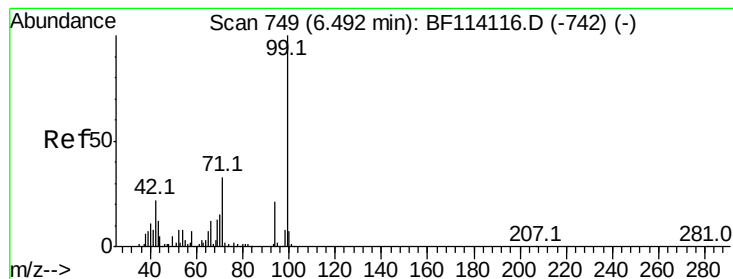
2-Fluorophenol
Concen: 88.790 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Tgt Ion:112 Resp: 1922164
Ion Ratio Lower Upper
112 100
64 64.9 49.0 73.6
63 33.2 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: 99.824 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1824-01

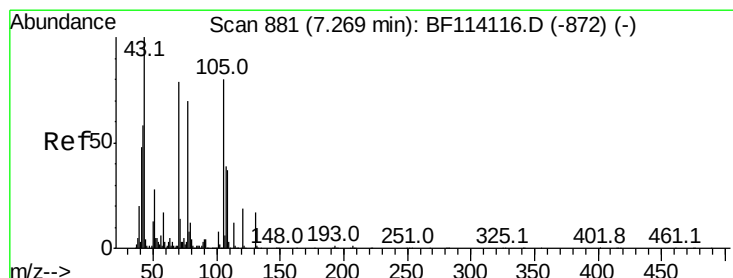
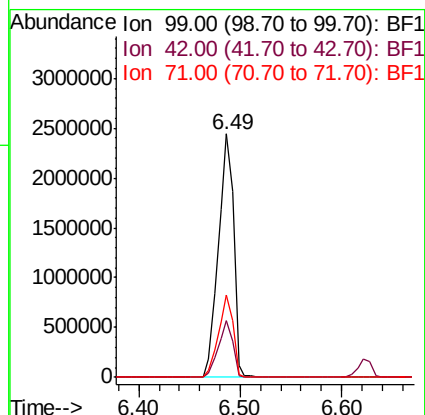
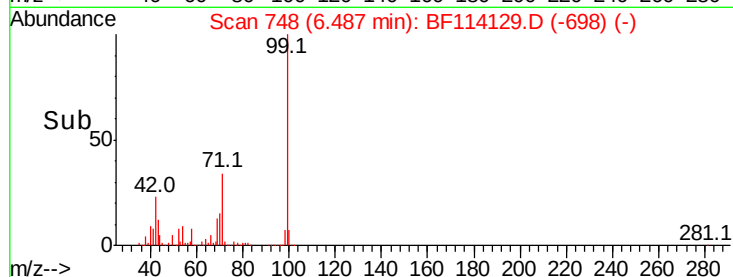
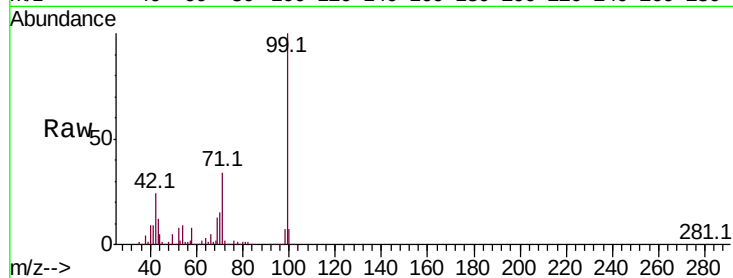
Tot Ion: 99 Resp: 2555919

Ion Ratio Lower Upper

99 100

42 23.5 17.9 26.9

71 33.6 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.490 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

Tgt Ion: 70 Resp: 202708

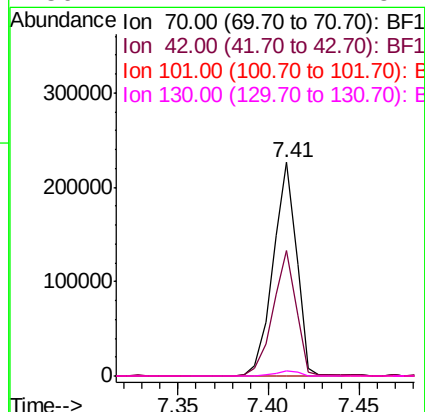
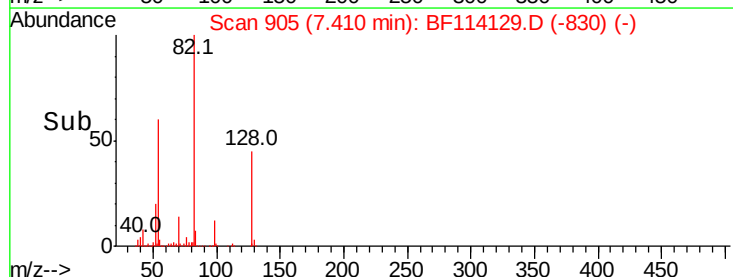
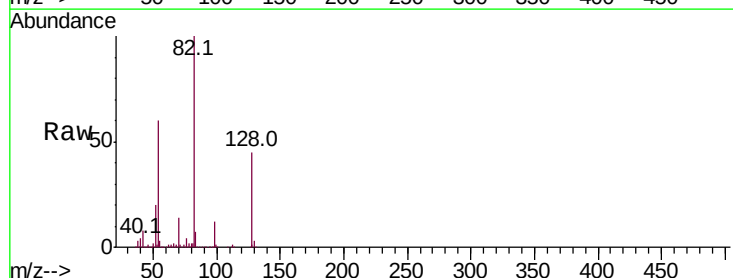
Ion Ratio Lower Upper

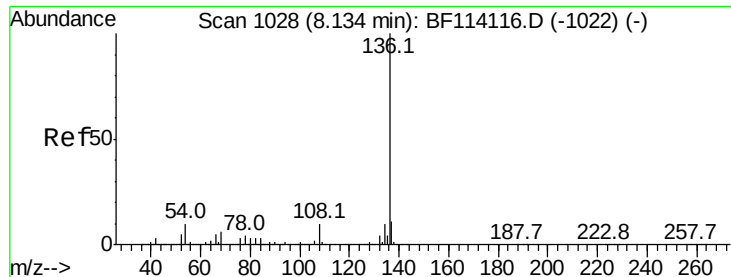
70 100

42 58.8 58.6 87.8

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1824-01

Tot Ion:136 Resp: 1279008

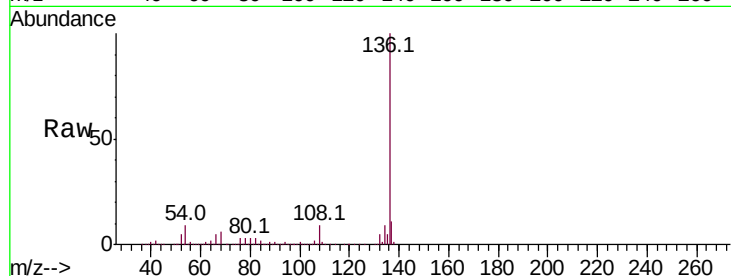
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.9 7.8 11.8

68 6.0 5.1 7.7

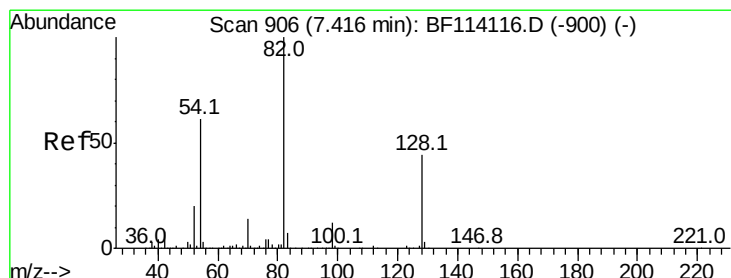
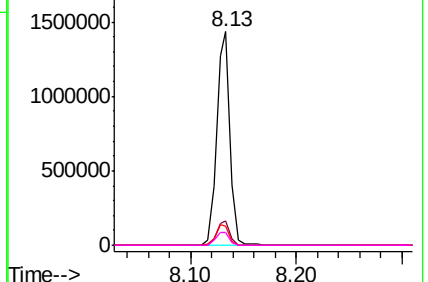
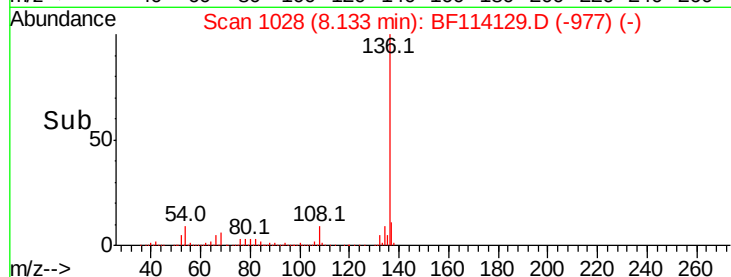


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.387 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

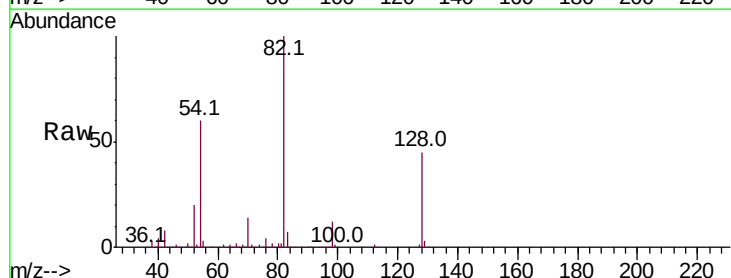
Tgt Ion: 82 Resp: 1535779

Ion Ratio Lower Upper

82 100

128 44.8 35.5 53.3

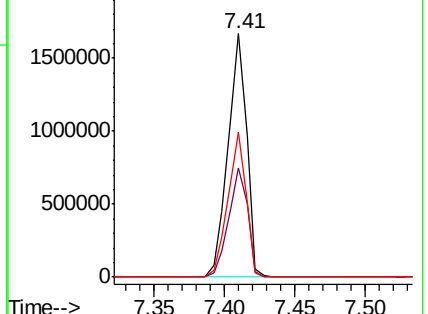
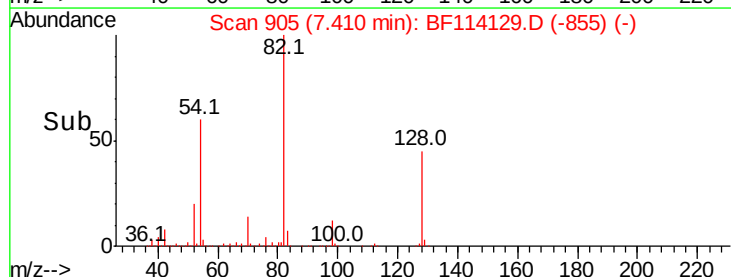
54 59.7 48.5 72.7

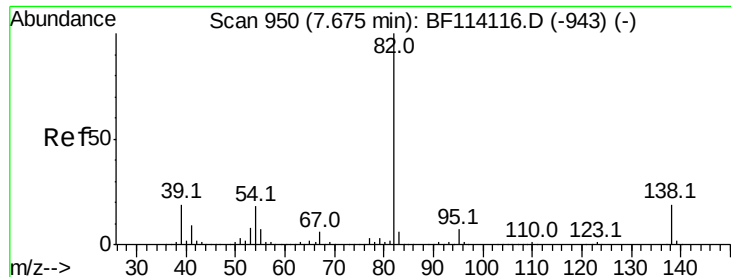


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.099 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

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ClientSampleId :

P021-SS001-1824-01

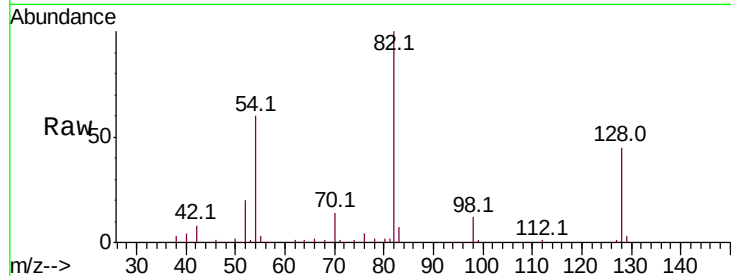
Tot Ion: 82 Resp: 1525800

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

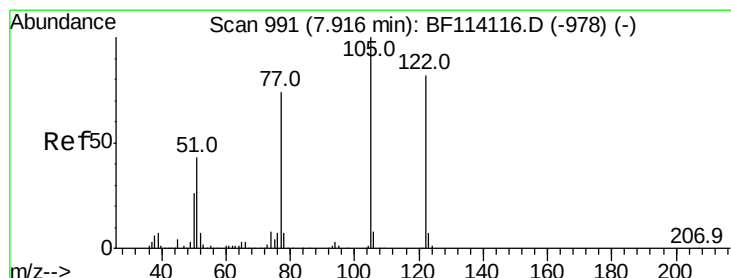
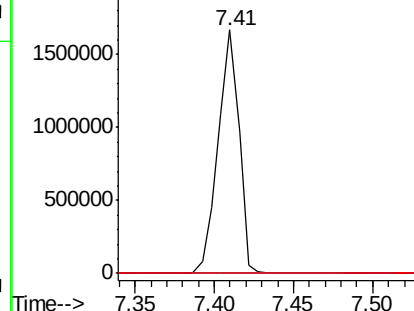
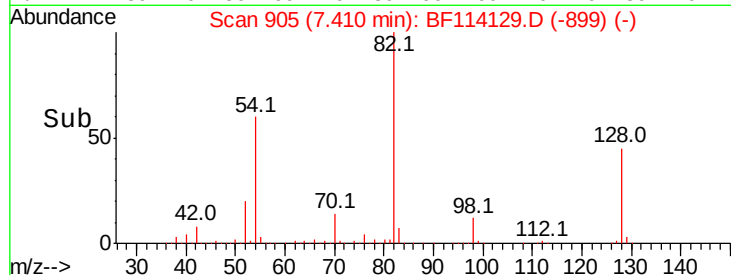
138 0.0 14.8 22.2#



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: 7.038 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

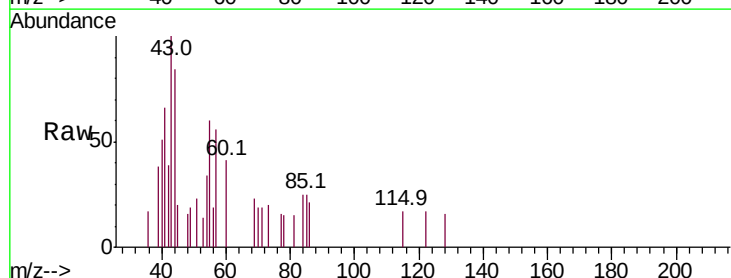
Tgt Ion: 122 Resp: 251

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

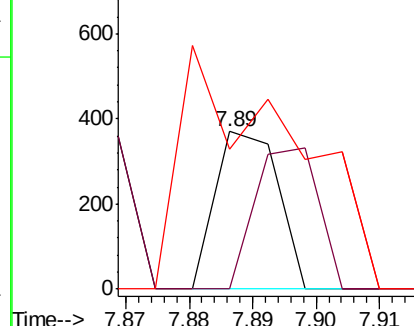
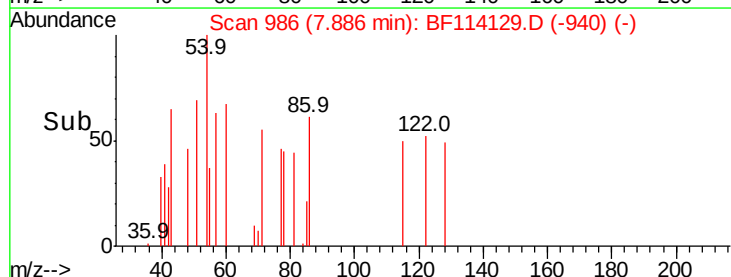
77 89.2 69.4 109.4

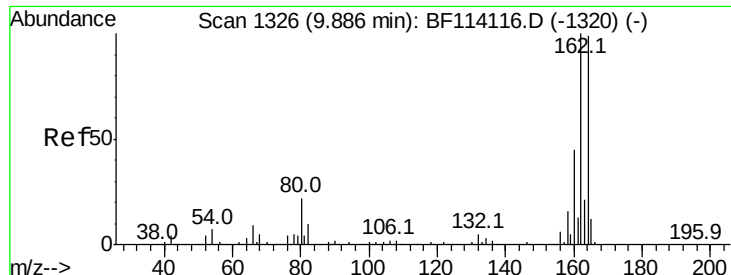


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

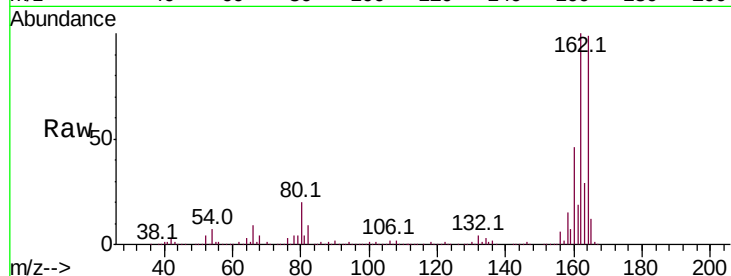




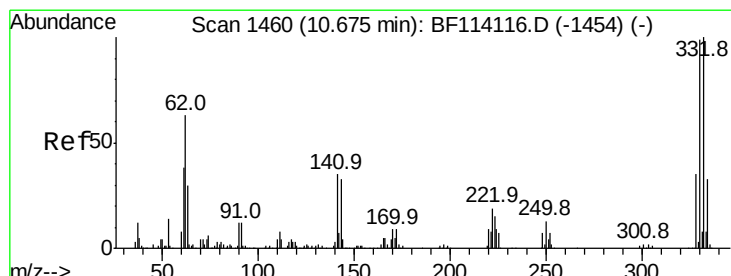
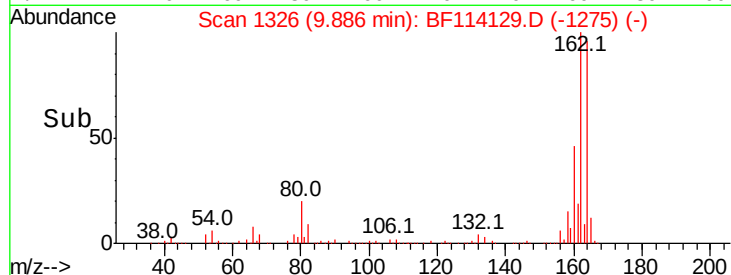
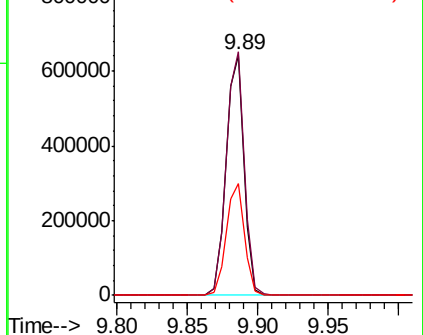
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1824-01

Tot Ion:164 Resp: 564044
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 46.8 36.5 54.7

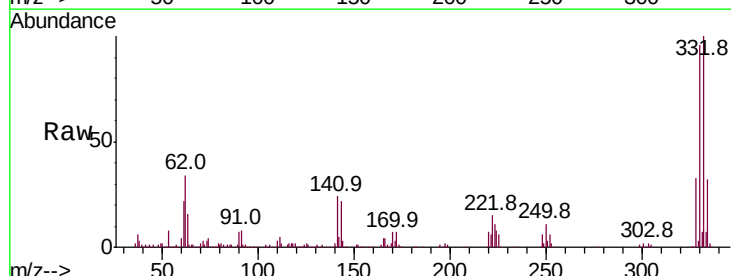


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

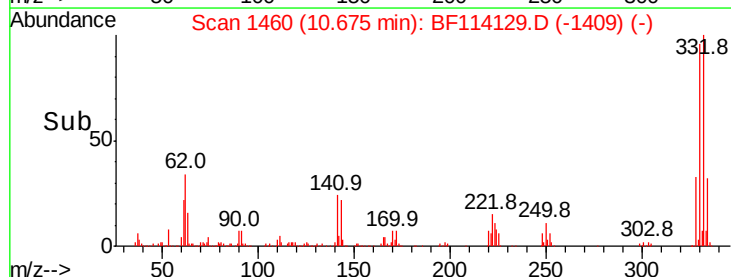
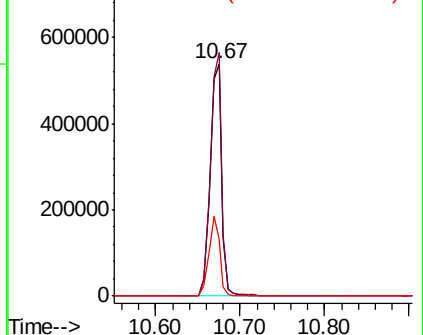


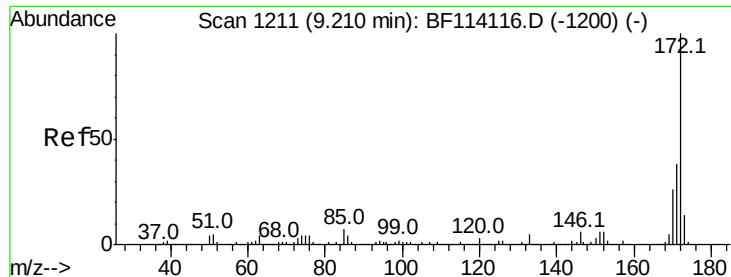
#42
2,4,6-Tribromophenol
Concen: 89.459 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Tgt Ion:330 Resp: 521662
Ion Ratio Lower Upper
330 100
332 103.3 81.4 122.2
141 32.3 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

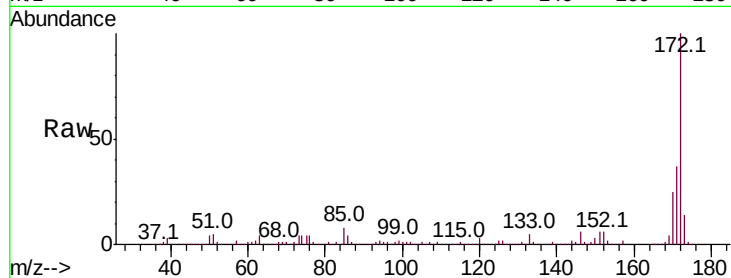




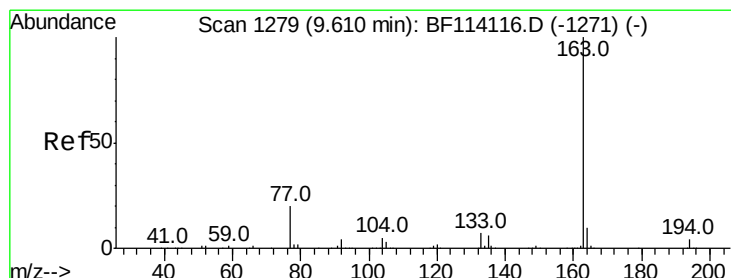
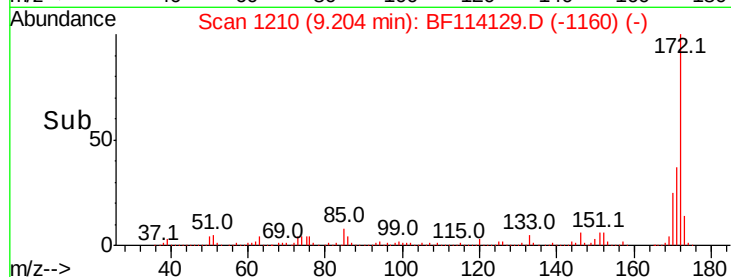
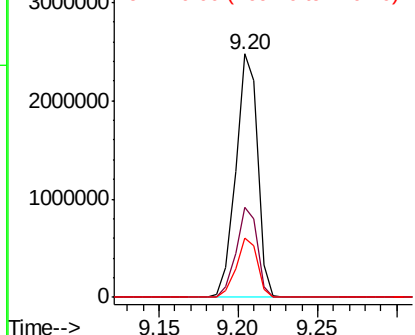
#45
2-Fluorobiphenyl
Concen: 63.030 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Instrument :
BNA_F
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P021-SS001-1824-01

Tot Ion:172 Resp: 2350254
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 24.6 20.5 30.7

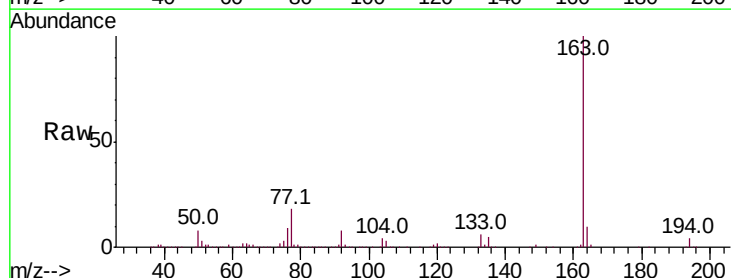


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

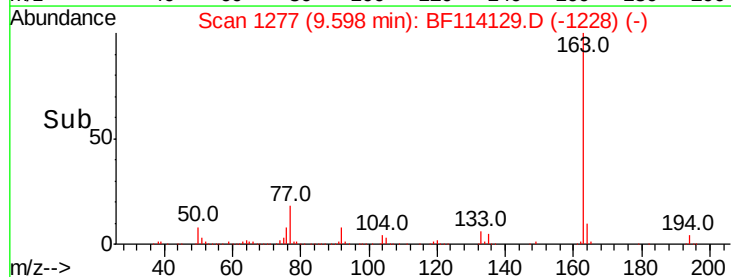
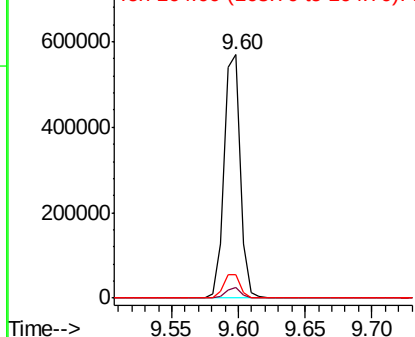


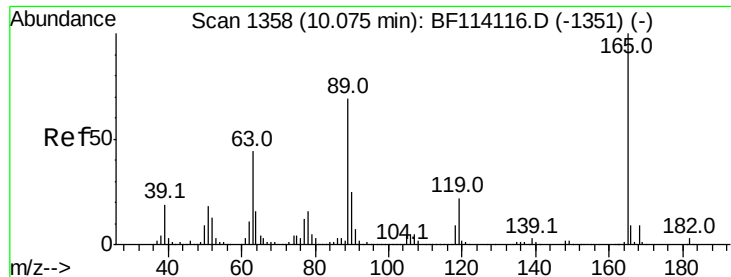
#50
Dimethylphthalate
Concen: 11.909 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Tgt Ion:163 Resp: 493113
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.6 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

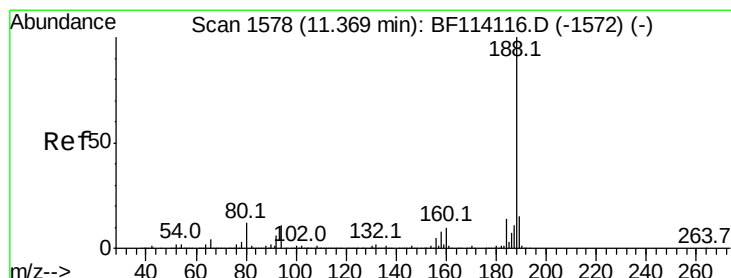
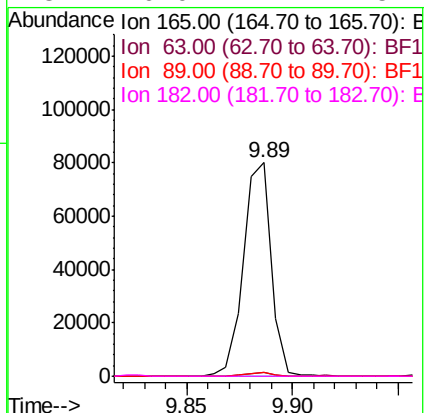
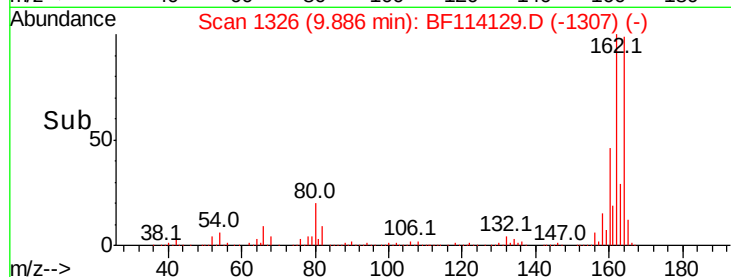
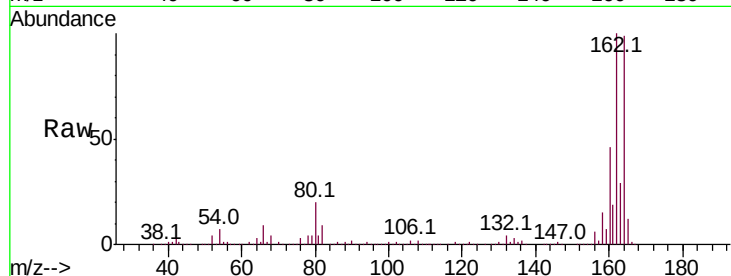




#57
2,4-Dinitrotoluene
Concen: 5.850 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

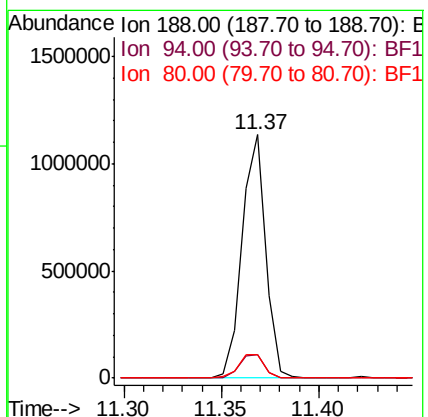
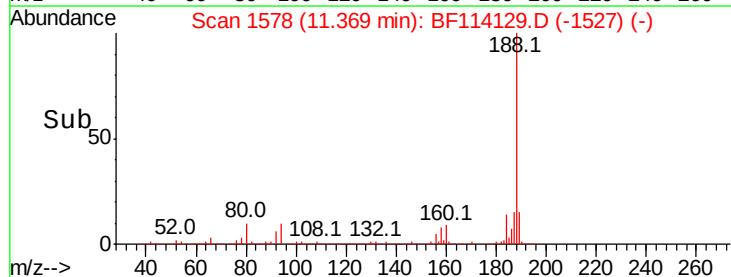
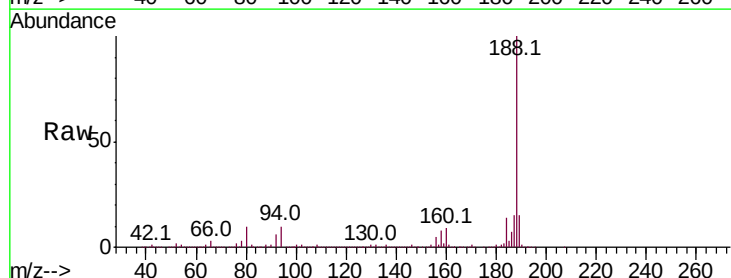
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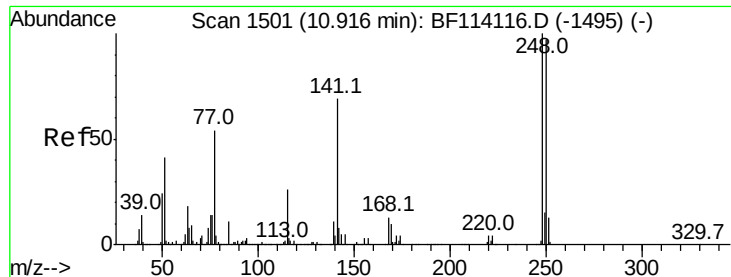
Tot Ion:165 Resp: 72921
Ion Ratio Lower Upper
165 100
63 2.0 35.5 53.3#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114129.D
Acq: 10 May 2019 19:15

Tgt Ion:188 Resp: 952099
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 9.9 9.2 13.8





#67

4-Bromophenyl-phenylether

Concen: 3.220 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1824-01

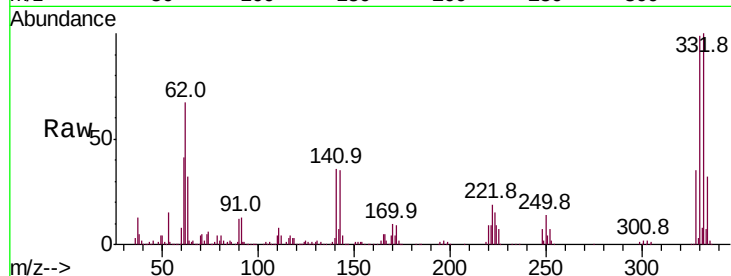
Tot Ion:248 Resp: 33759

Ion Ratio Lower Upper

248 100

250 201.6 77.4 116.2#

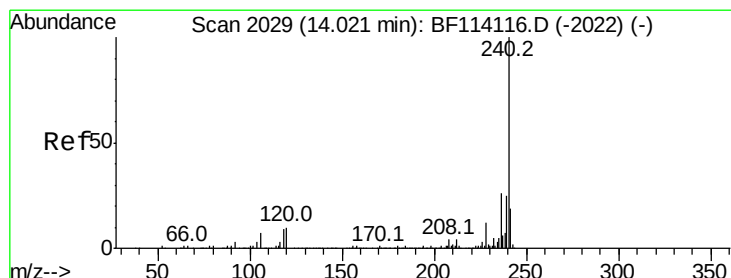
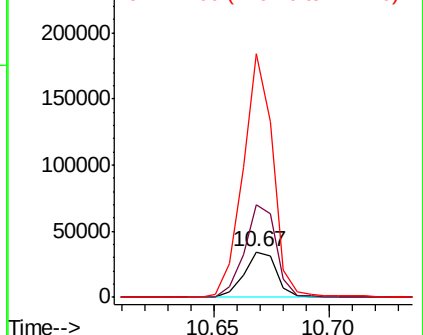
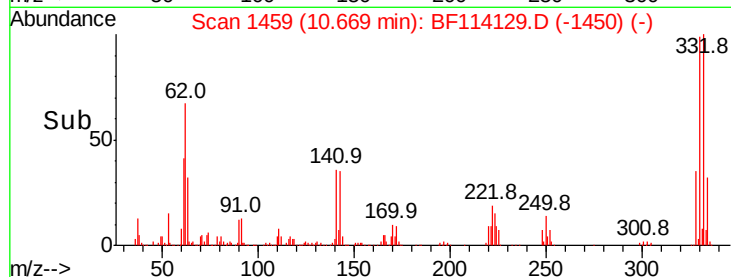
141 532.7 55.6 83.4#



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

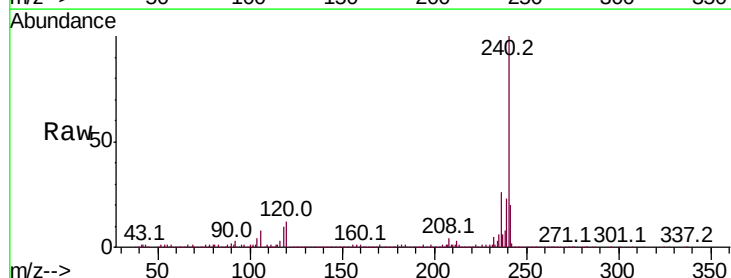
Tgt Ion:240 Resp: 723483

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

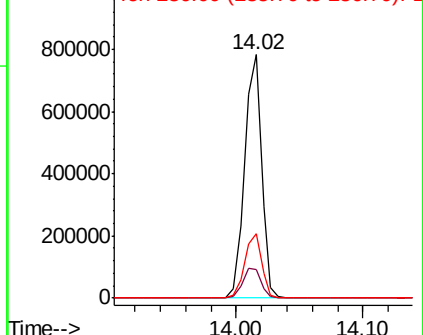
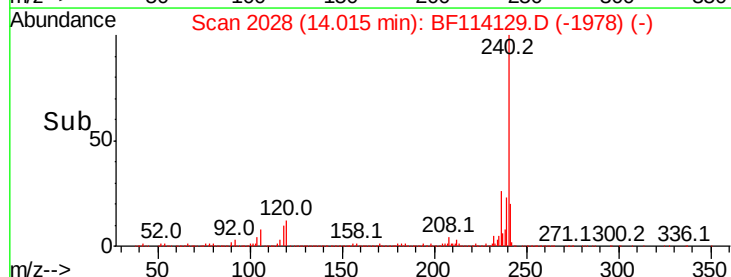
236 26.3 20.8 31.2

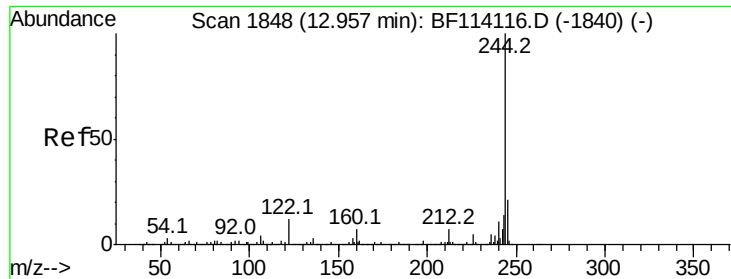


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.074 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

Instrument :

BNA_F

ClientSampleId :

P021-SS001-1824-01

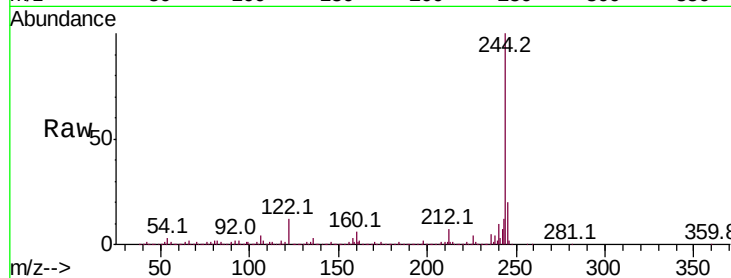
Tot Ion:244 Resp: 1827600

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

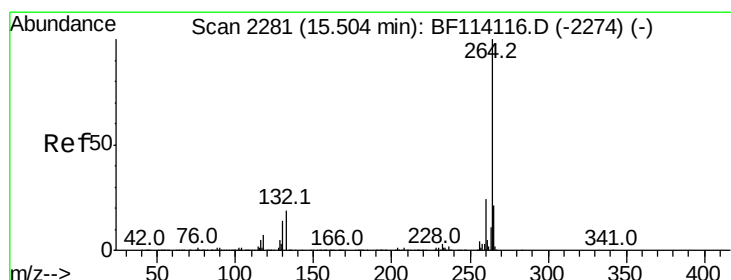
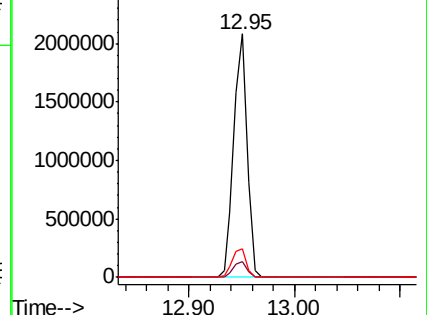
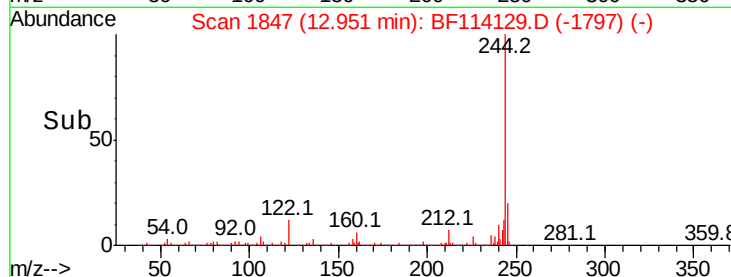
122 11.7 9.4 14.2



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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF114129.D

Acq: 10 May 2019 19:15

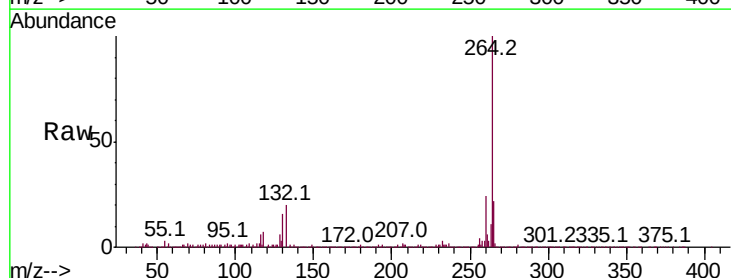
Tgt Ion:264 Resp: 765869

Ion Ratio Lower Upper

264 100

260 23.6 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

