

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114356.D
 Acq On : 17 May 2019 18:05
 Operator : JU/SJ
 Sample : K2894-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:03:52 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

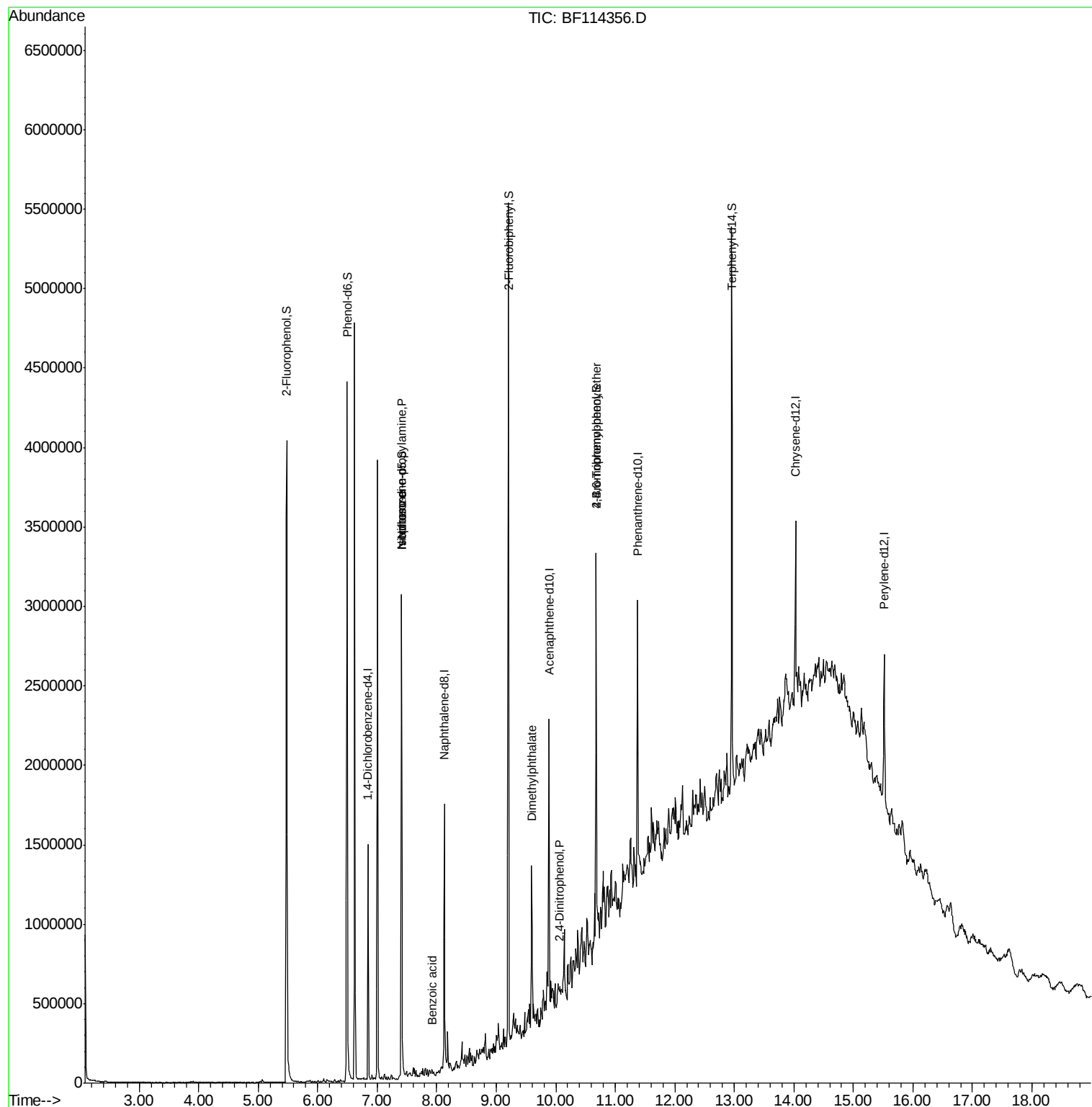
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	202111	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	776903	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	354590	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	615586	20.00	ng	0.00
76) Chrysene-d12	14.03	240	420643	20.00	ng	0.00
87) Perylene-d12	15.52	264	415811	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1198628	95.44	ng	0.00
7) Phenol-d6	6.49	99	1585039	106.71	ng	0.00
23) Nitrobenzene-d5	7.41	82	941060	67.98	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	326207	88.98	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1610994	68.72	ng	0.00
79) Terphenyl-d14	12.96	244	1324818	64.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	120488	12.797	ng	# 75
25) Isophorone	7.41	82	935313	36.430	ng	# 64
32) Benzoic acid	7.92	122	117	7.034	ng	# 52
50) Dimethylphthalate	9.59	163	285639	10.973	ng	99
54) 2,4-Dinitrophenol	10.07	184	150	6.793	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	21966	3.241	ng	# 1

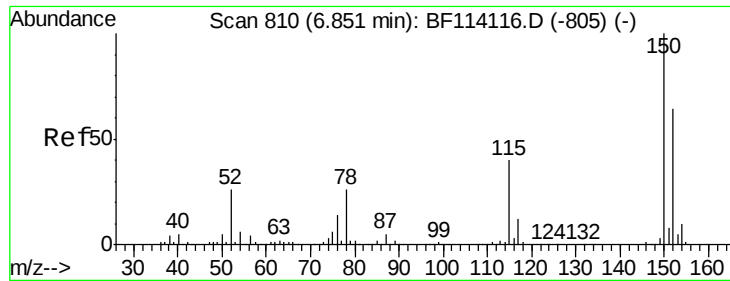
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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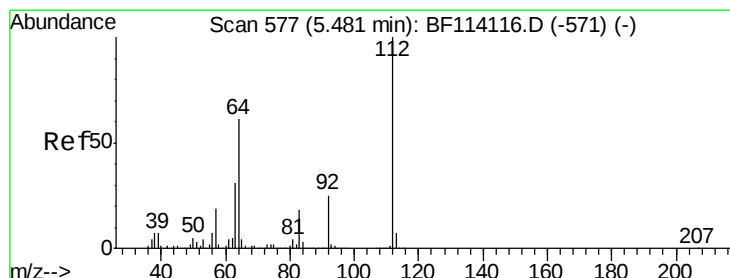
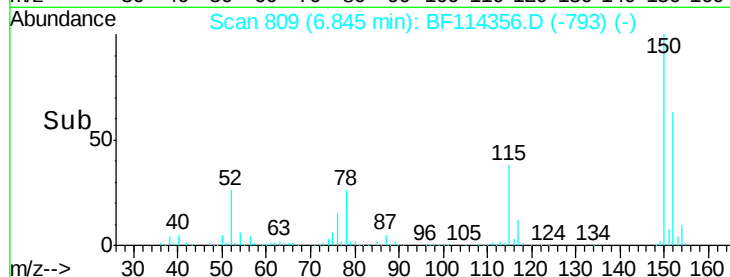
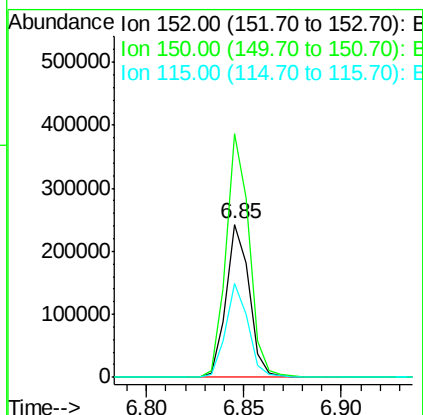
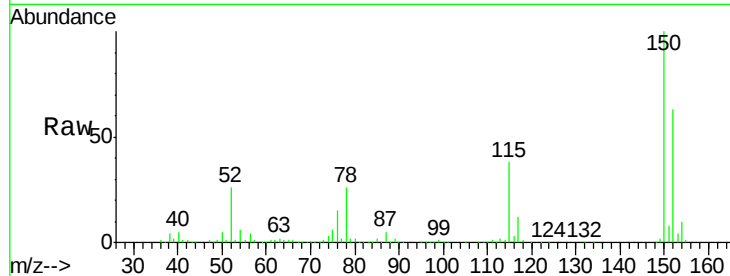


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :

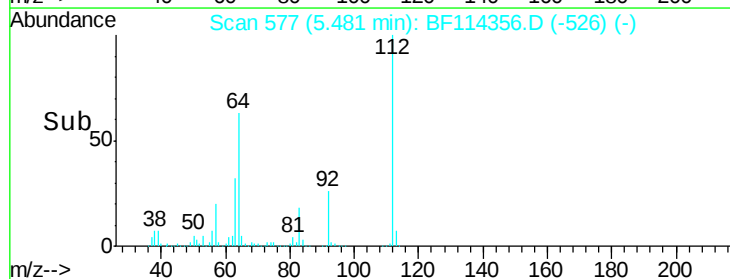
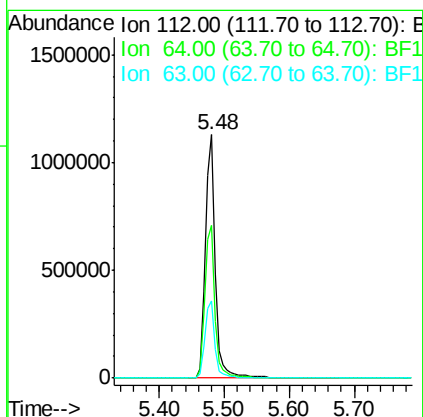
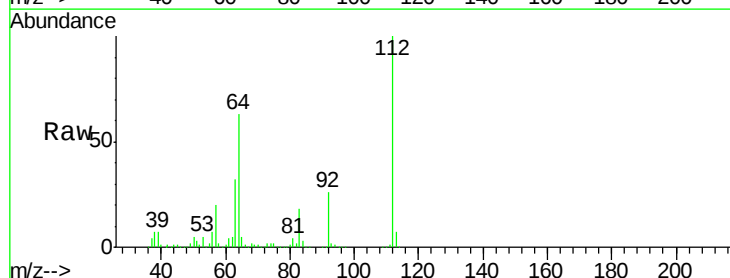
Tot Ion:152 Resp: 202111
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 60.9 49.1 73.7

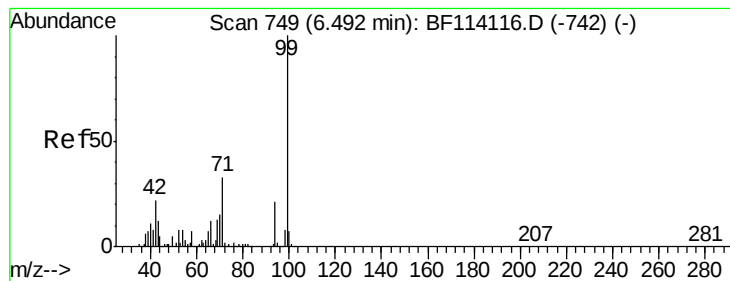


#5

2-Fluorophenol
Concen: 95.438 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Tgt Ion:112 Resp: 1198628
Ion Ratio Lower Upper
112 100
64 62.6 49.0 73.6
63 31.7 24.6 37.0





#7

Phenol-d6

Concen: 106.706 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

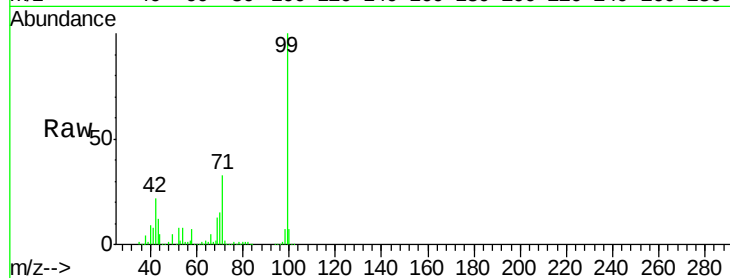
Tot Ion: 99 Resp: 1585039

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

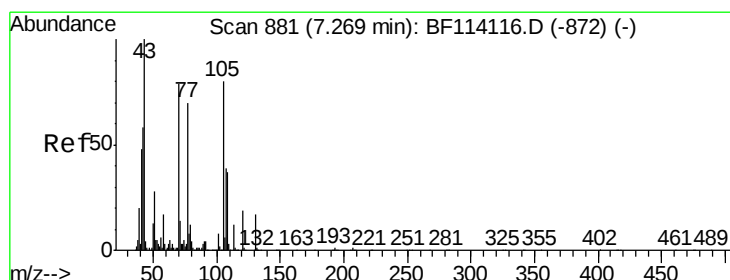
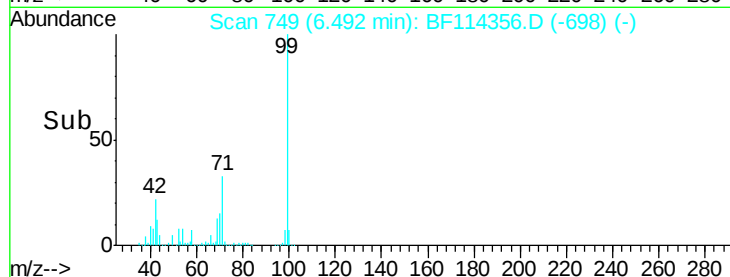
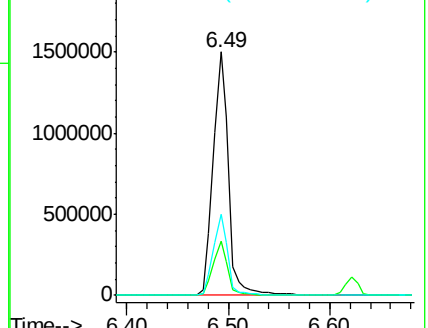
71 33.3 26.2 39.2



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: 12.797 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Tgt Ion: 70 Resp: 120488

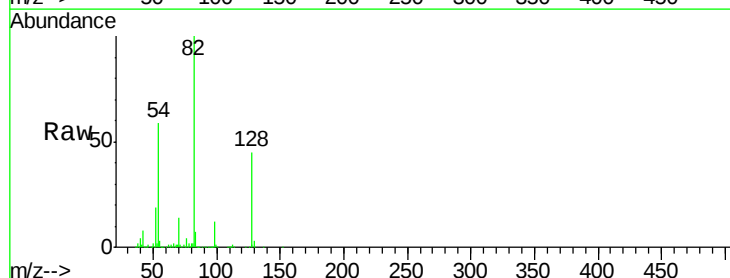
Ion Ratio Lower Upper

70 100

42 56.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

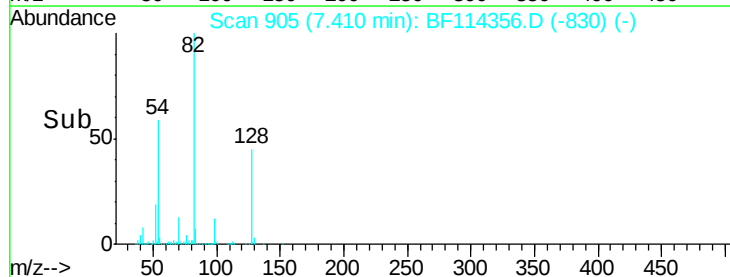
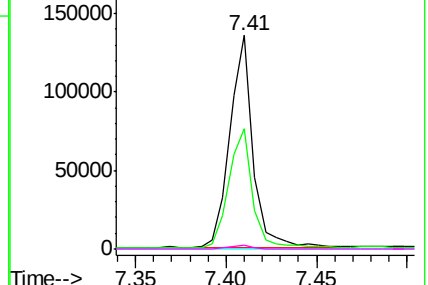


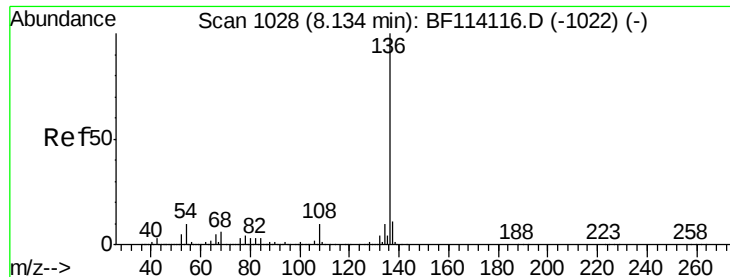
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

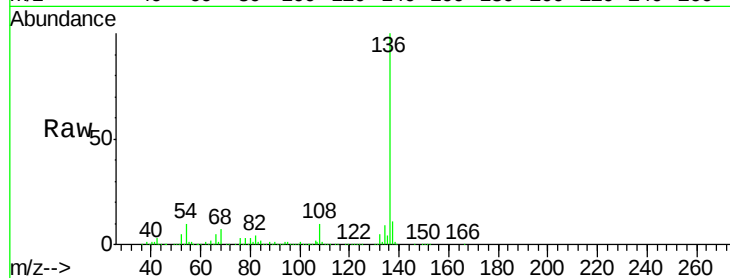




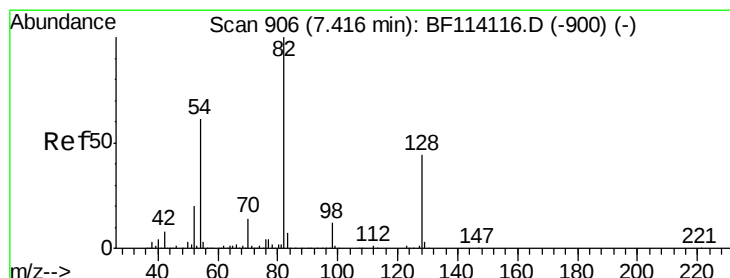
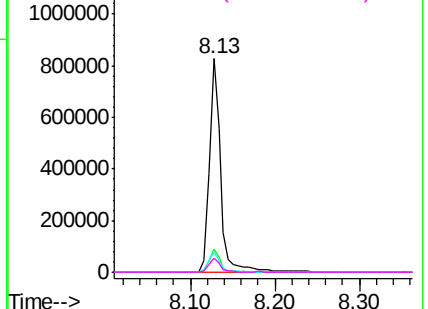
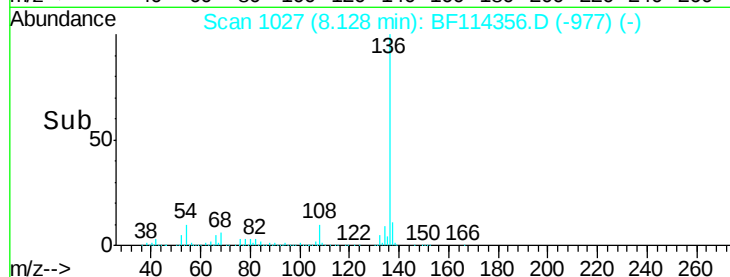
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	776903
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.8	7.8 11.8
68	6.5	5.1 7.7

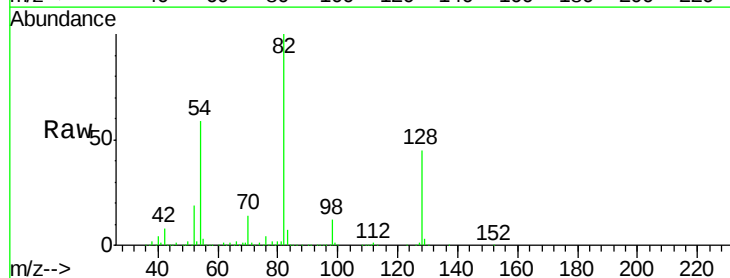


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

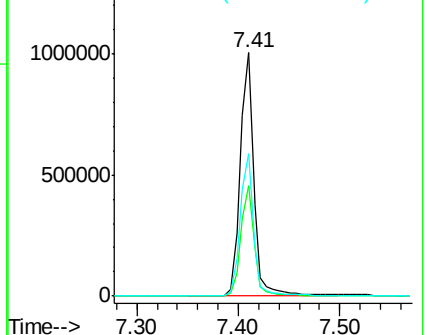
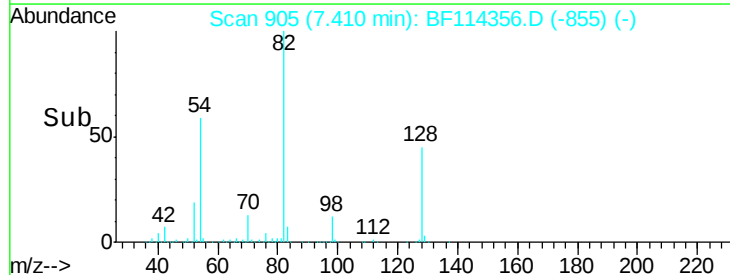


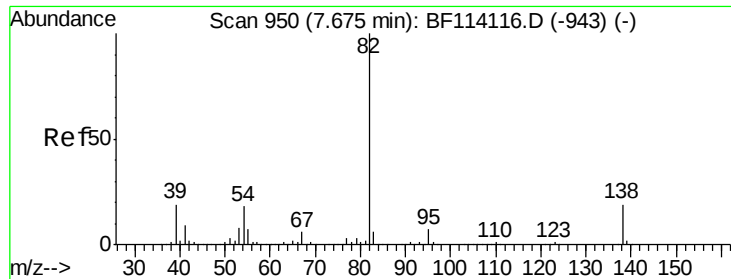
#23
Nitrobenzene-d5
Concen: 67.978 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Tgt Ion: 82	Resp:	941060
Ion Ratio	Lower	Upper
82	100	
128	45.4	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: 36.430 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

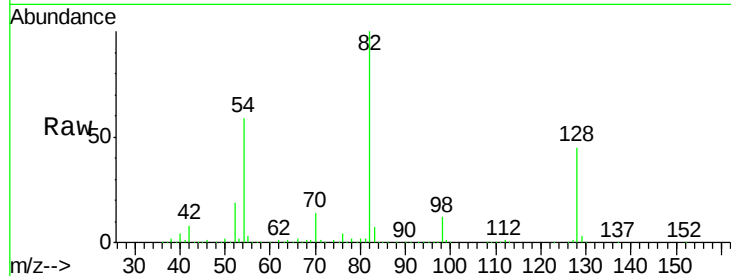
Tot Ion: 82 Resp: 935313

Ion Ratio Lower Upper

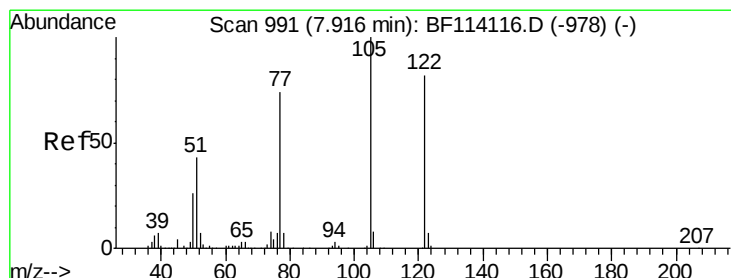
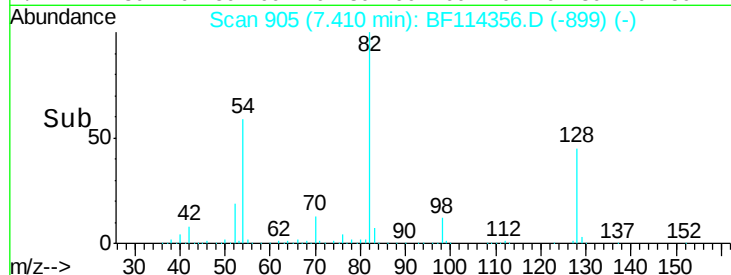
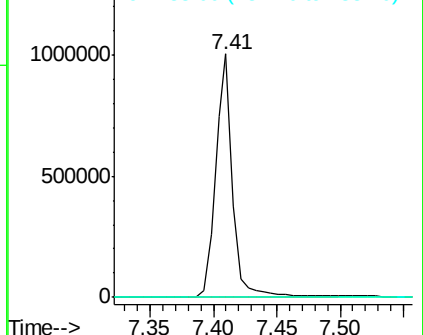
82 100

95 0.1 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: 7.034 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

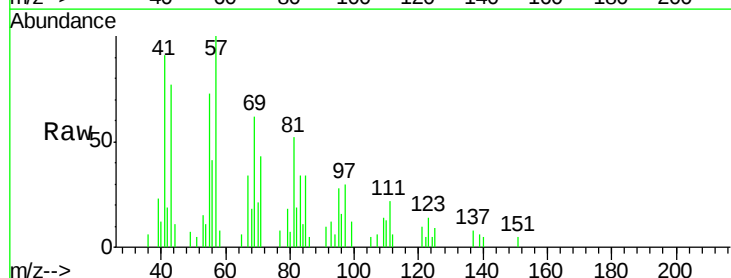
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

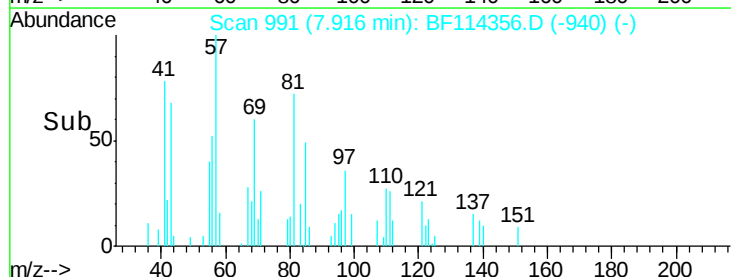
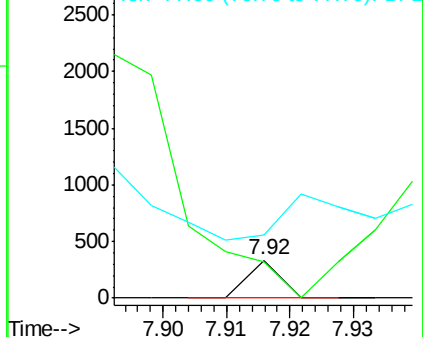
122 100

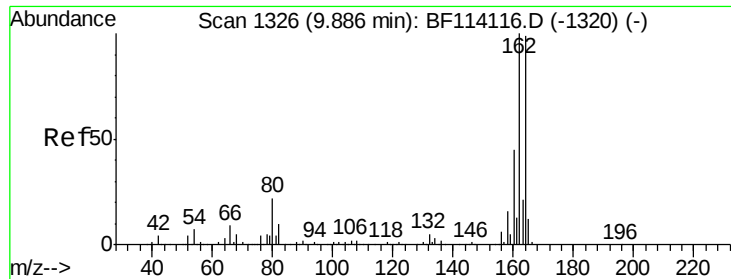
105 95.5 99.9 139.9#

77 167.6 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

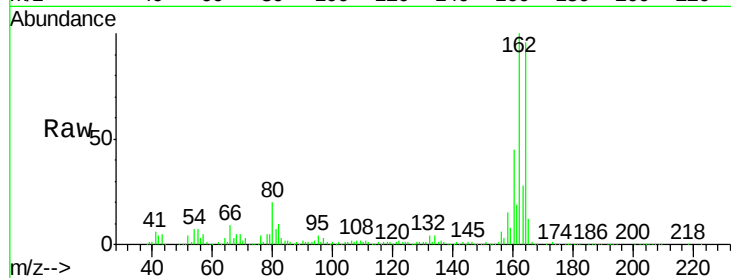




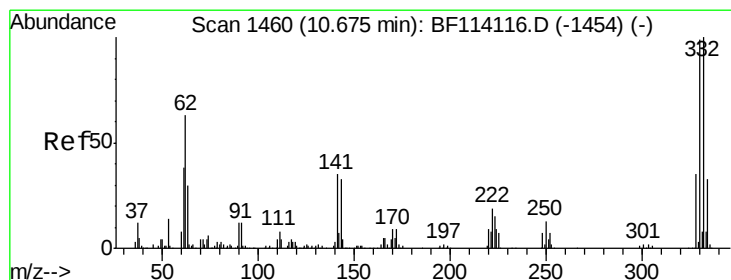
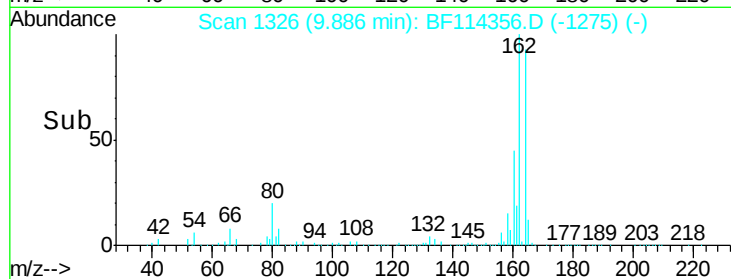
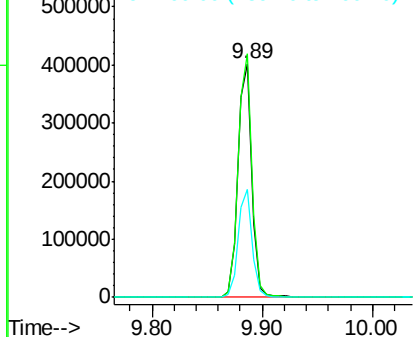
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 354590
Ion Ratio Lower Upper
164 100
162 104.3 80.6 120.8
160 46.4 36.5 54.7

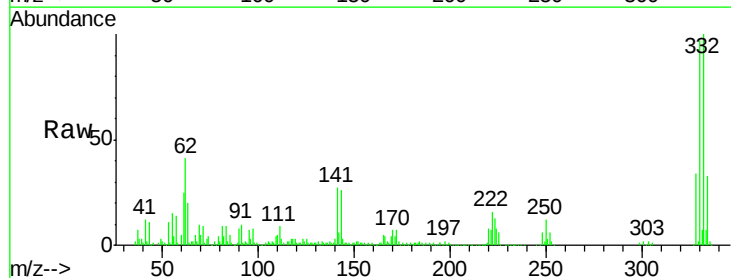


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

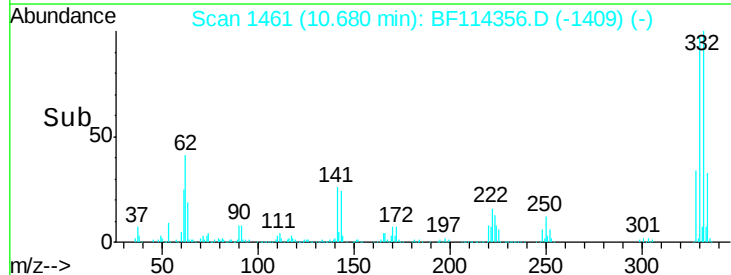
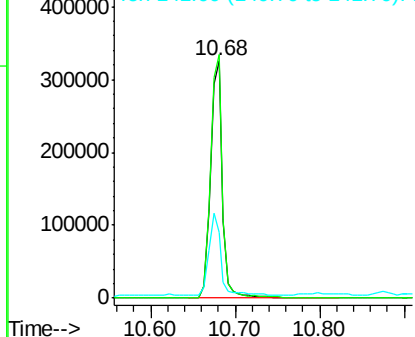


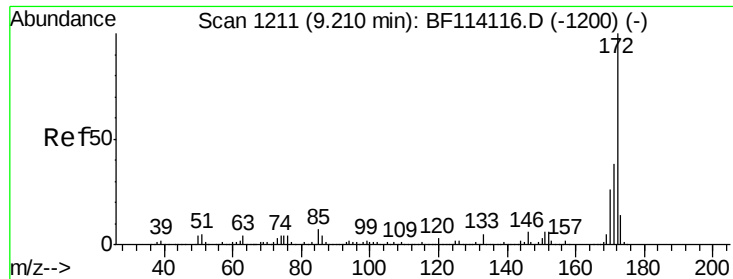
#42
2,4,6-Tribromophenol
Concen: 88.985 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Tgt Ion:330 Resp: 326207
Ion Ratio Lower Upper
330 100
332 102.3 81.4 122.2
141 34.3 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

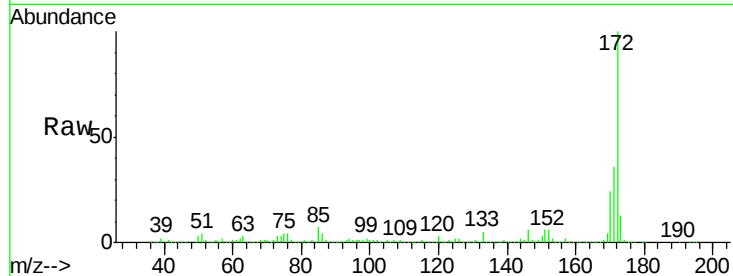




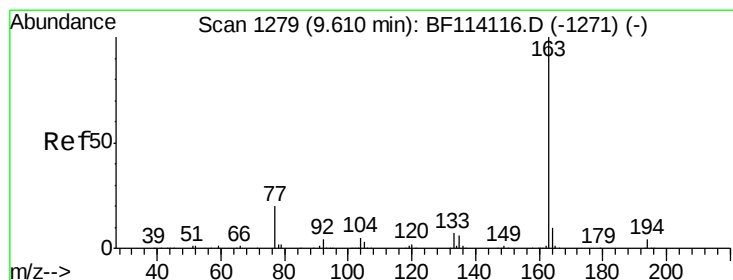
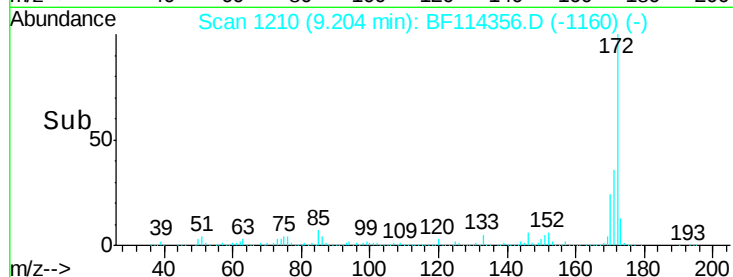
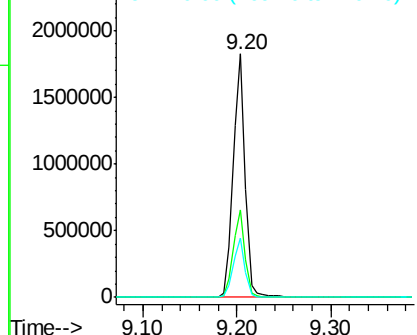
#45
2-Fluorobiphenyl
Concen: 68.724 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1610994
Ion Ratio Lower Upper
172 100
171 36.1 30.7 46.1
170 24.2 20.5 30.7

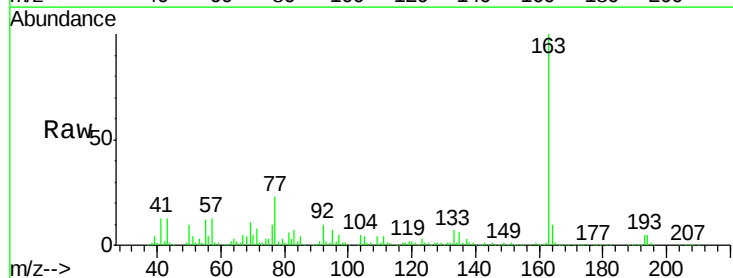


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

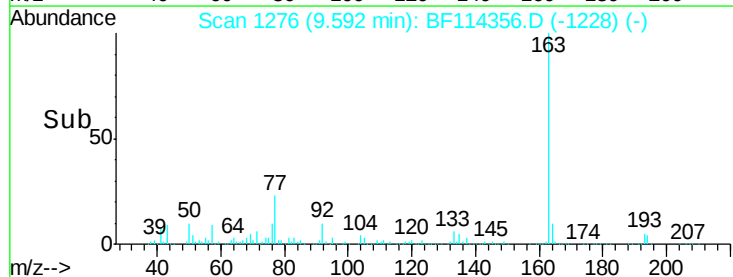
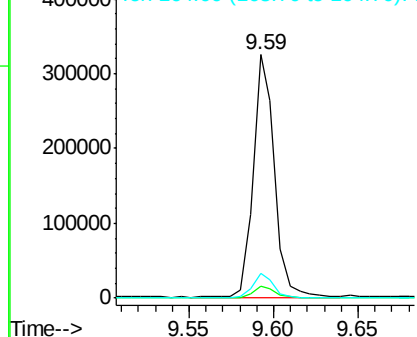


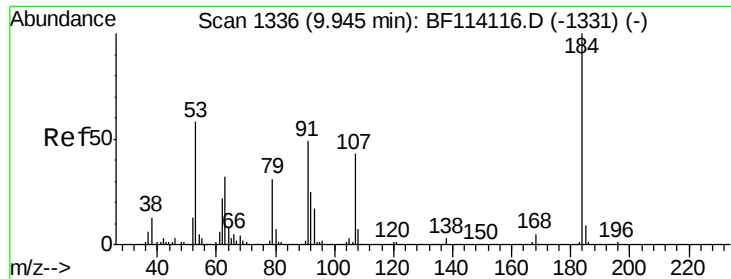
#50
Dimethylphthalate
Concen: 10.973 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114356.D
Acq: 17 May 2019 18:05

Tgt Ion:163 Resp: 285639
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.0
164 10.3 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

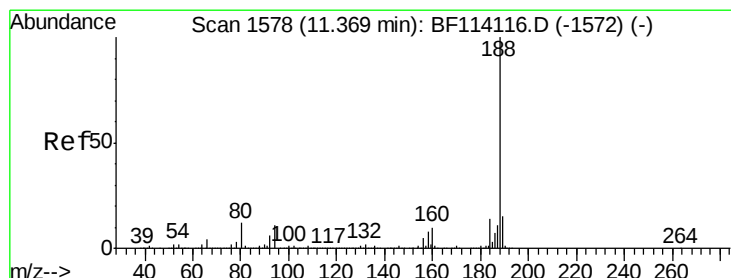
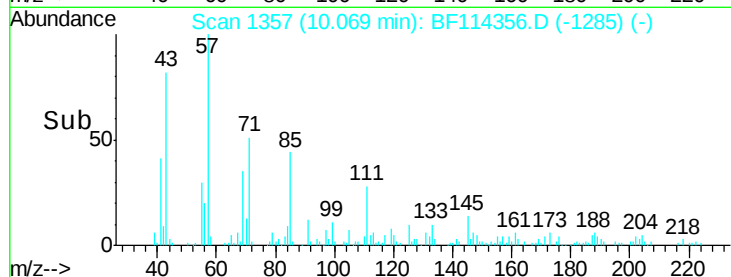
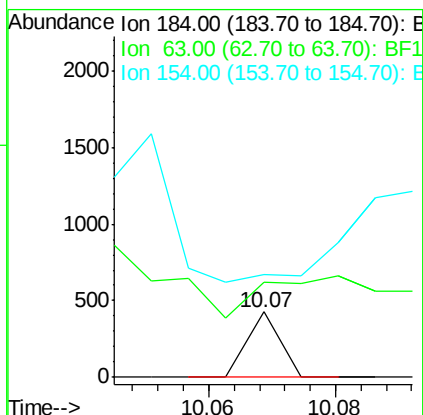
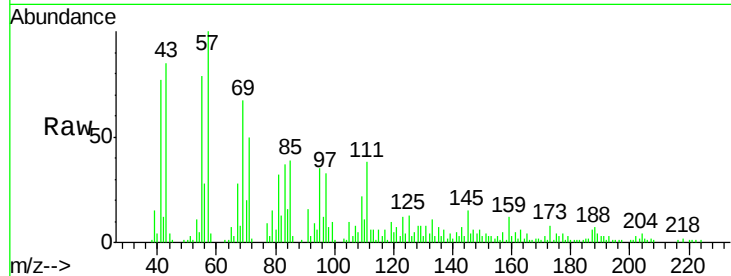




#54
 2,4-Dinitrophenol
 Concen: 6.793 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.12 min
 Lab File: BF114356.D
 Acq: 17 May 2019 18:05

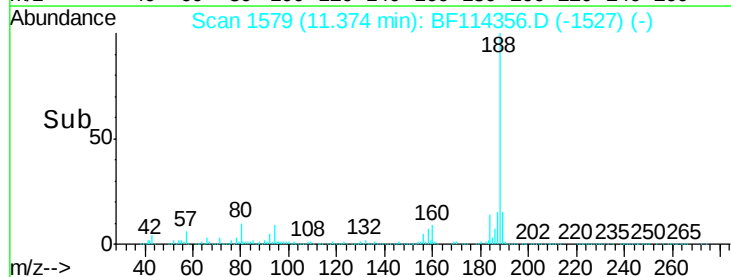
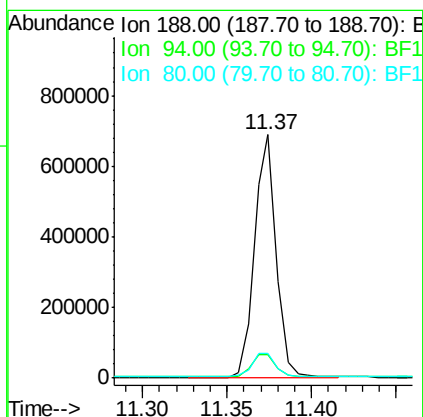
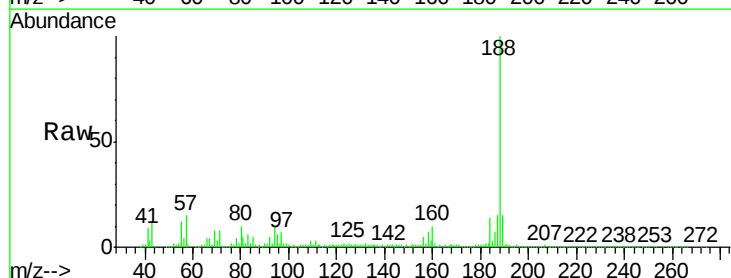
Instrument :
 BNA_F
 ClientSampleId :

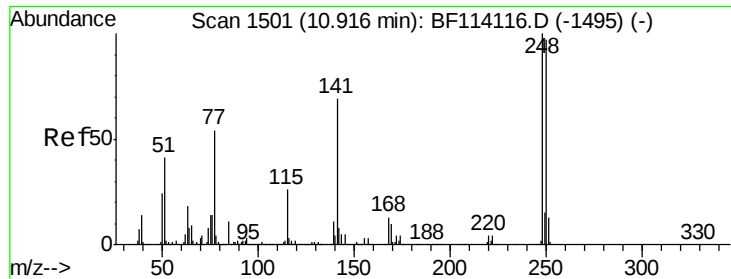
Tot Ion:184 Resp: 150
 Ion Ratio Lower Upper
 184 100
 63 146.6 55.6 83.4#
 154 158.6 46.0 69.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114356.D
 Acq: 17 May 2019 18:05

Tgt Ion:188 Resp: 615586
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.4 12.6
 80 10.0 9.2 13.8





#67

4-Bromophenyl-phenylether

Concen: 3.241 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

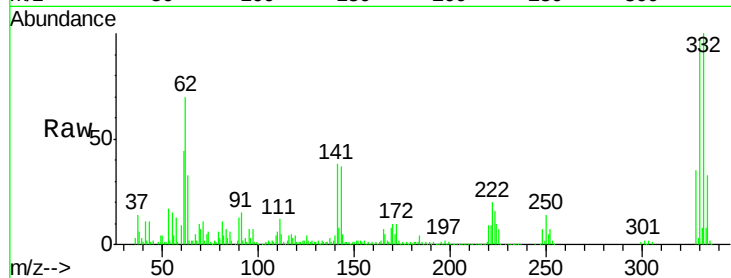
Tot Ion:248 Resp: 21966

Ion Ratio Lower Upper

248 100

250 204.5 77.4 116.2#

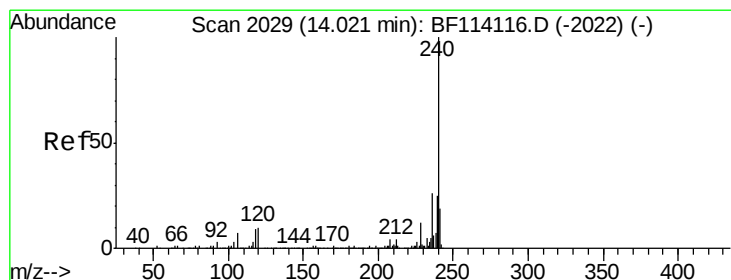
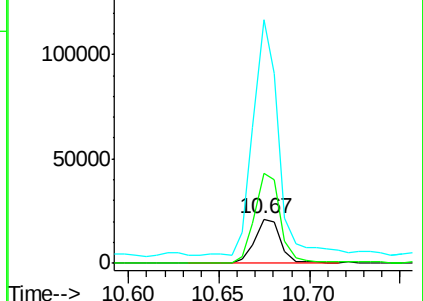
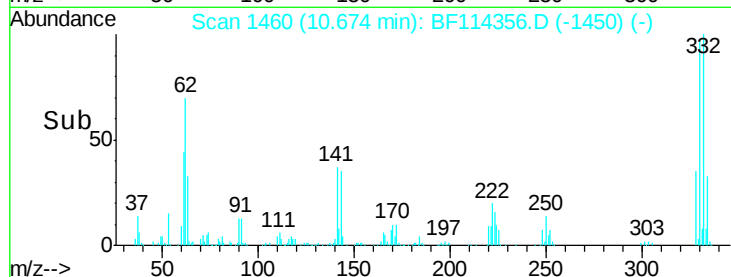
141 553.3 55.6 83.4#



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: BF114356.D

Acq: 17 May 2019 18:05

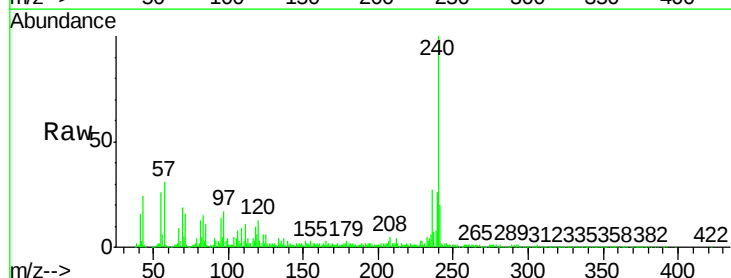
Tgt Ion:240 Resp: 420643

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

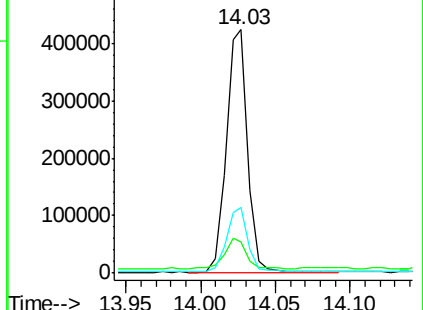
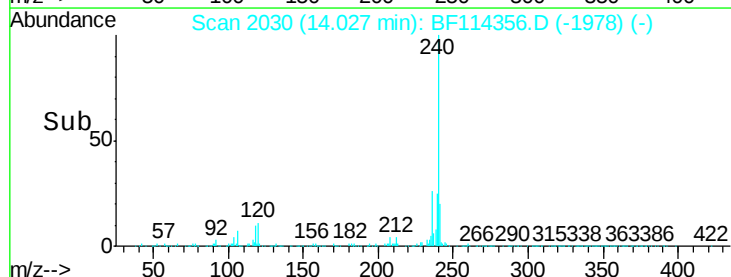
236 26.8 20.8 31.2

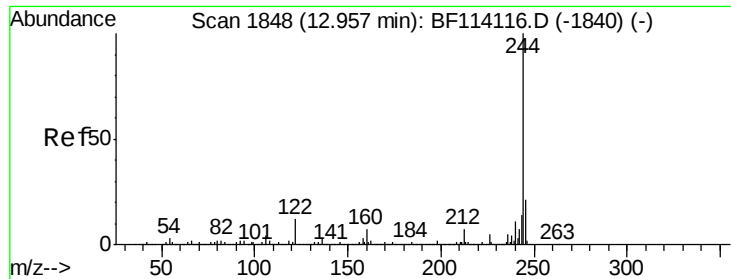


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.925 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114356.D

Acq: 17 May 2019 18:05

Instrument :

BNA_F

ClientSampleId :

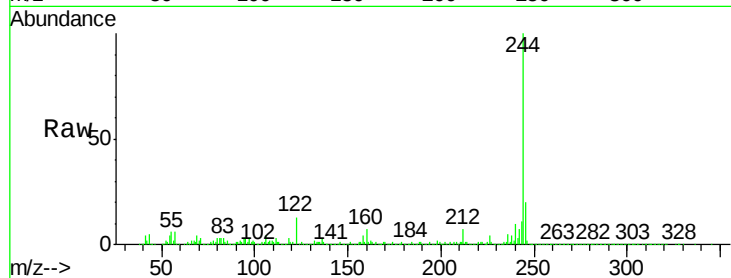
Tot Ion:244 Resp: 1324818

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

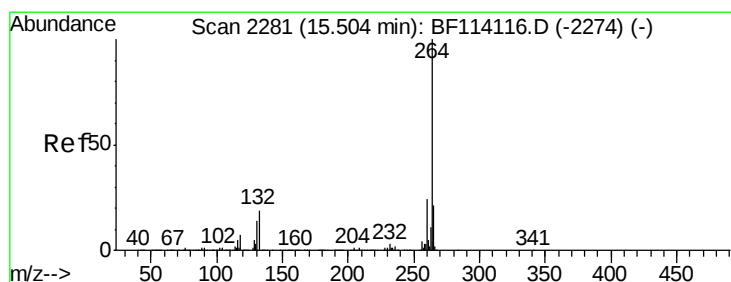
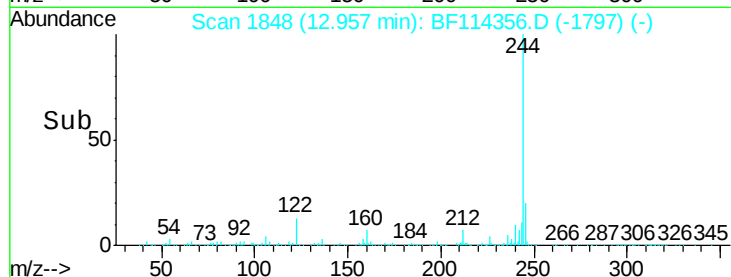
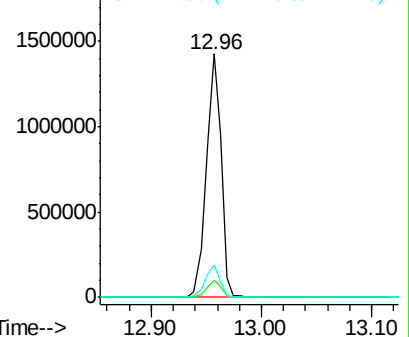
122 13.1 9.4 14.2



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: BF114356.D

Acq: 17 May 2019 18:05

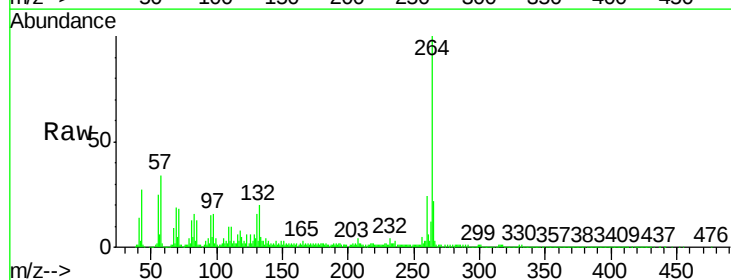
Tgt Ion:264 Resp: 415811

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.5 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

