

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114320.D
 Acq On : 16 May 2019 20:13
 Operator : JU/SJ
 Sample : K2865-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-D

Quant Time: May 17 08:06:01 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

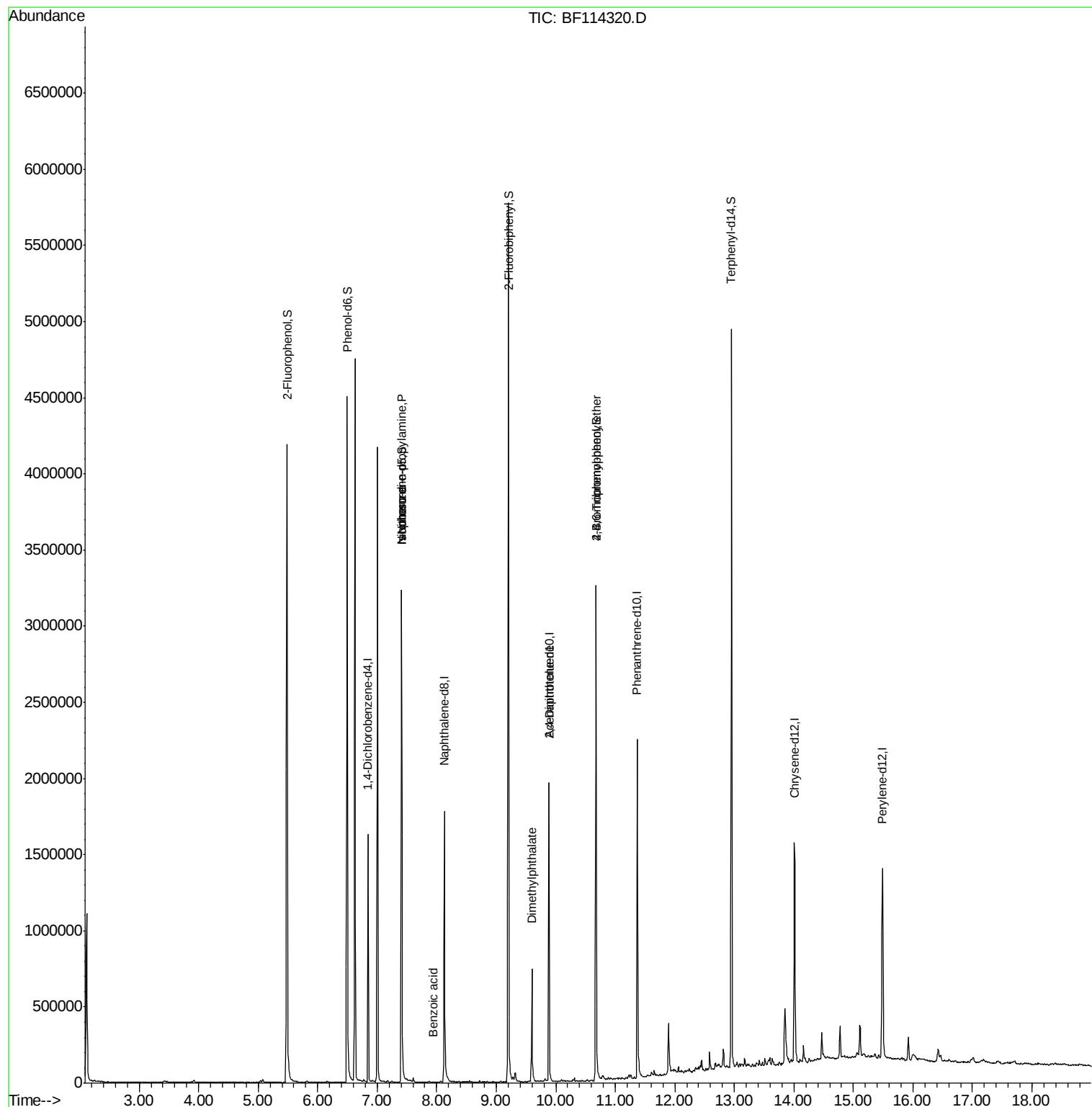
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	231647	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	898347	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	417220	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	836713	20.00	ng	0.00
76) Chrysene-d12	14.01	240	513918	20.00	ng	-0.01
87) Perylene-d12	15.49	264	575393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1286897	89.40	ng	0.00
7) Phenol-d6	6.50	99	1708771	100.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	1030966	64.40	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	400729	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1820761	66.01	ng	0.00
79) Terphenyl-d14	12.95	244	1742131	69.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	135008	12.511	ng	# 77
25) Isophorone	7.41	82	1030953	34.727	ng	# 64
32) Benzoic acid	7.95	122	139	7.034	ng	# 44
50) Dimethylphthalate	9.60	163	356998	11.656	ng	98
57) 2,4-Dinitrotoluene	9.89	165	54166	5.875	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	26292	2.854	ng	# 1

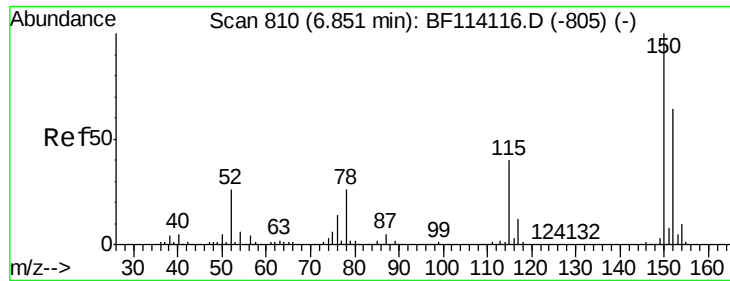
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114320.D
Acq On : 16 May 2019 20:13
Operator : JU/SJ
Sample : K2865-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22-D

Quant Time: May 17 08:06:01 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



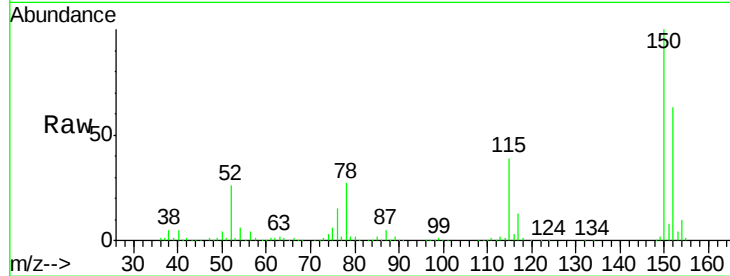


#1

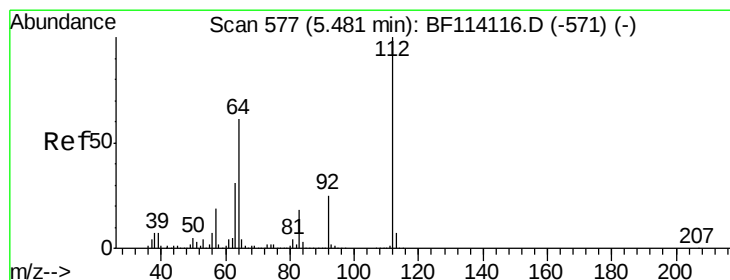
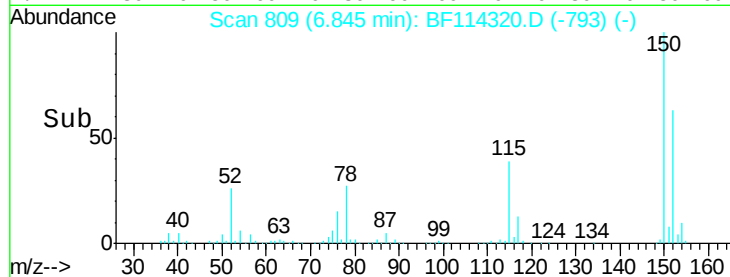
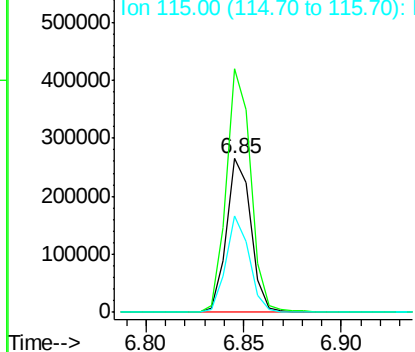
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Instrument :
BNA_F
ClientSampled :
TP-22-D

Tot Ion:152 Resp: 231647
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 62.2 49.1 73.7



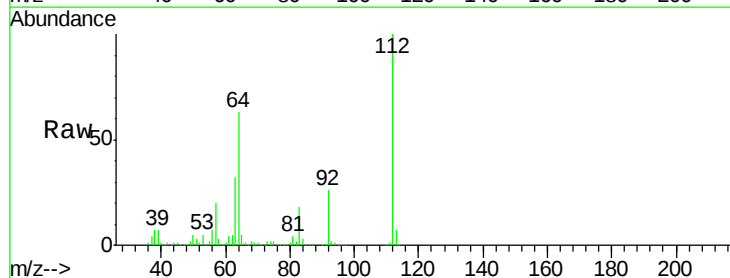
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



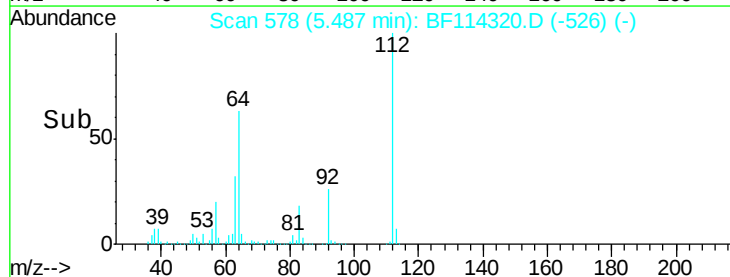
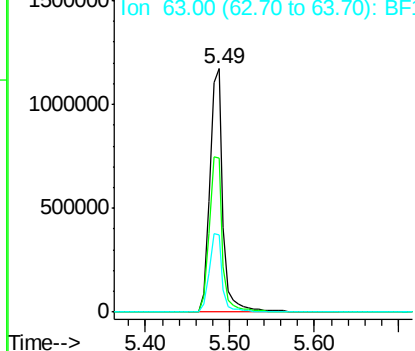
#5

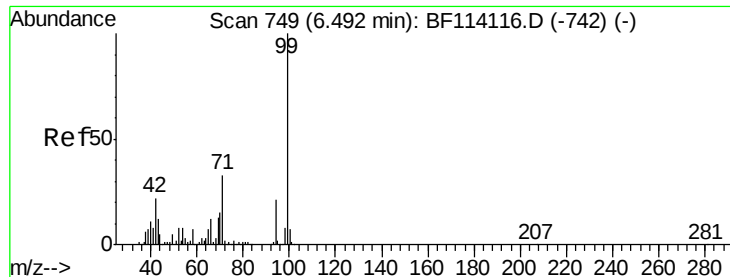
2-Fluorophenol
Concen: 89.401 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Tgt Ion:112 Resp: 1286897
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 31.7 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: 100.369 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Instrument :

BNA_F

ClientSampleId :

TP-22-D

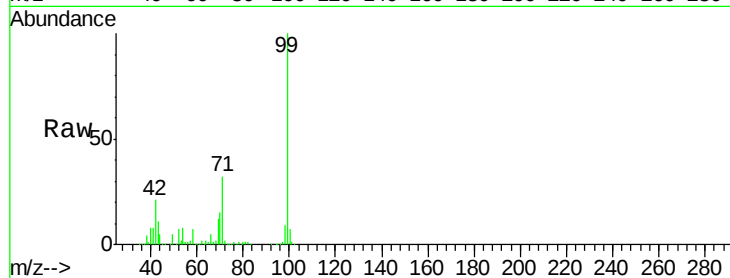
Tot Ion: 99 Resp: 1708771

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

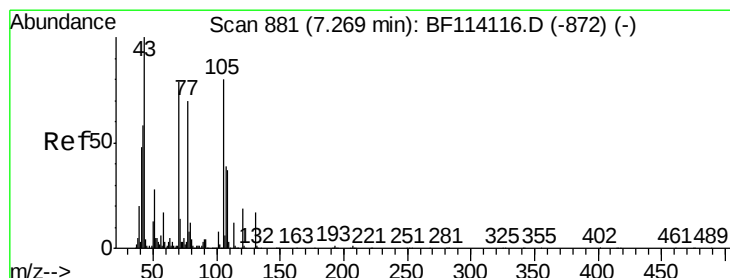
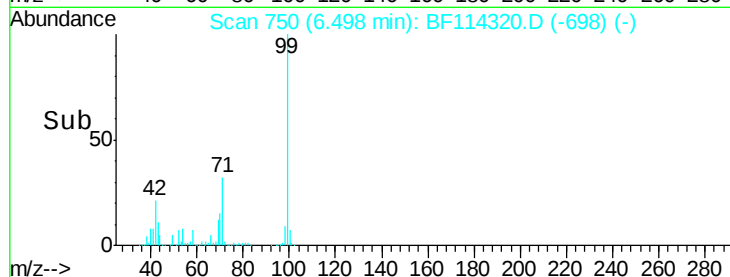
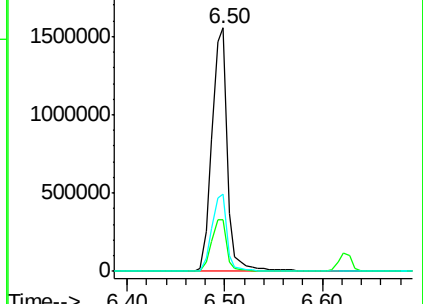
71 31.9 26.2 39.2



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: 12.511 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Tgt Ion: 70 Resp: 135008

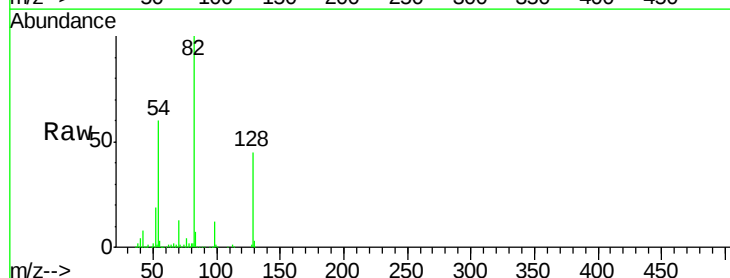
Ion Ratio Lower Upper

70 100

42 58.8 58.6 87.8

101 0.0 7.8 11.8#

130 2.5 17.1 25.7#

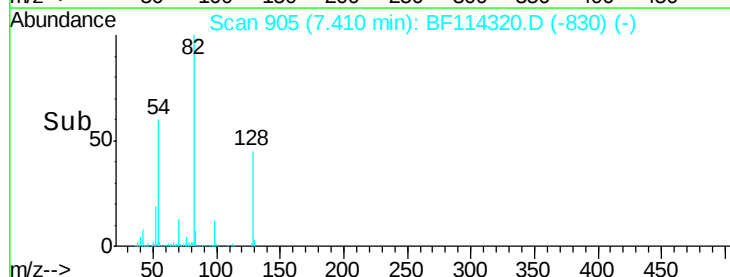
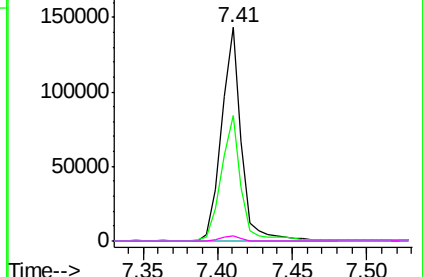


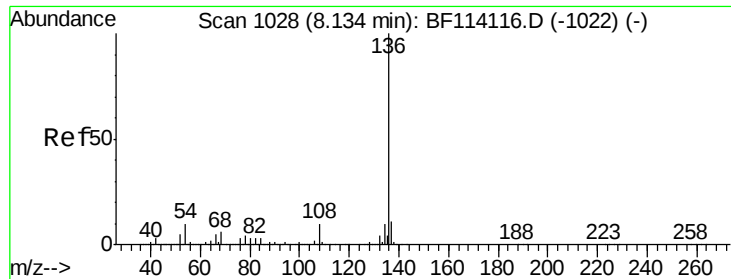
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

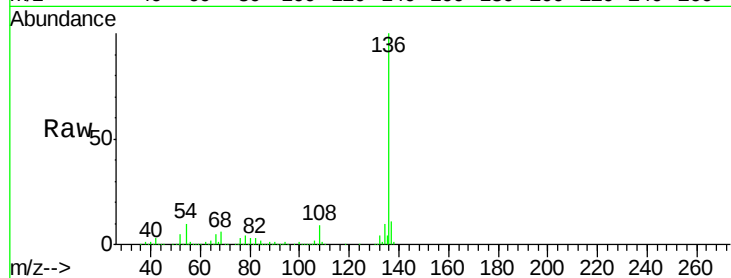




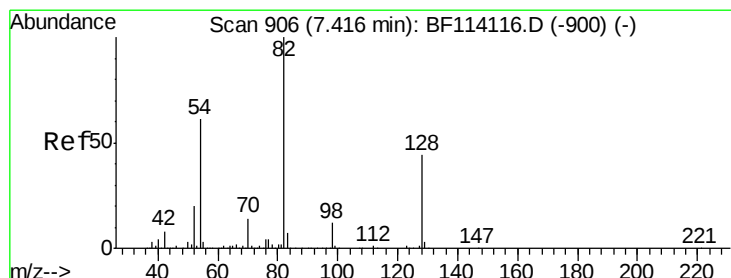
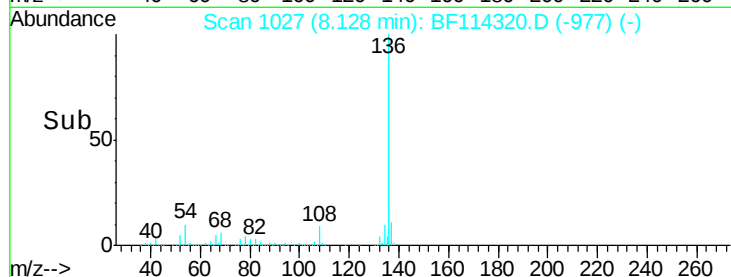
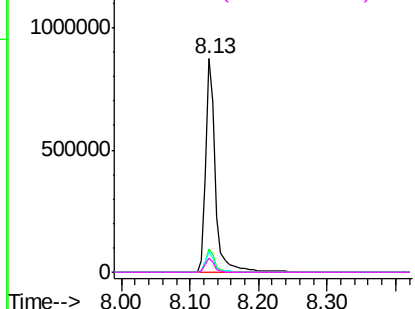
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Instrument :
BNA_F
ClientSampleId :
TP-22-D

Tot Ion:136	Resp:	898347
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.7	7.8 11.8
68	6.5	5.1 7.7

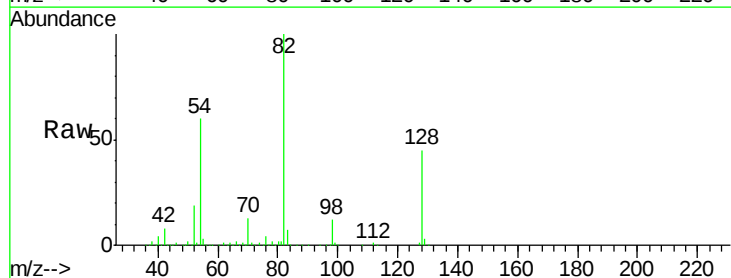


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

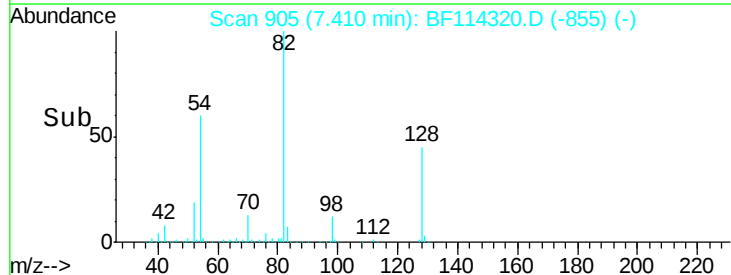
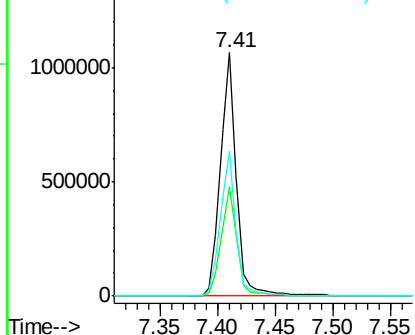


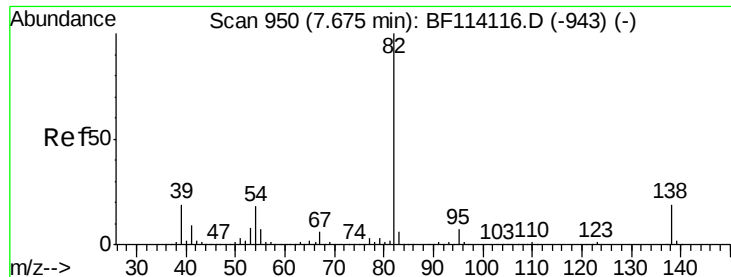
#23
Nitrobenzene-d5
Concen: 64.405 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Tgt Ion: 82	Resp:	1030966
Ion Ratio	Lower	Upper
82	100	
128	45.1	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: 34.727 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Instrument :

BNA_F

ClientSampleId :

TP-22-D

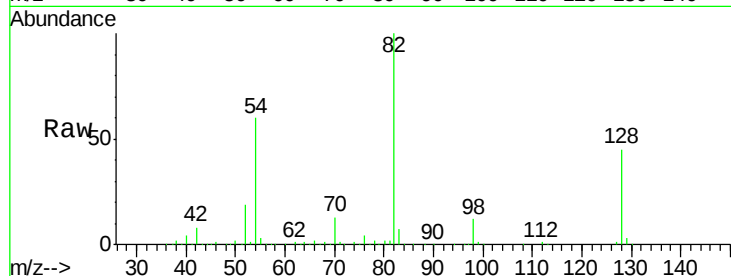
Tot Ion: 82 Resp: 1030953

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

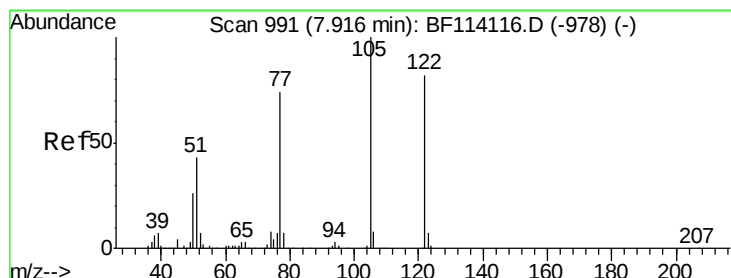
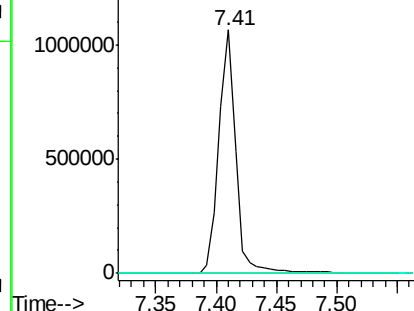
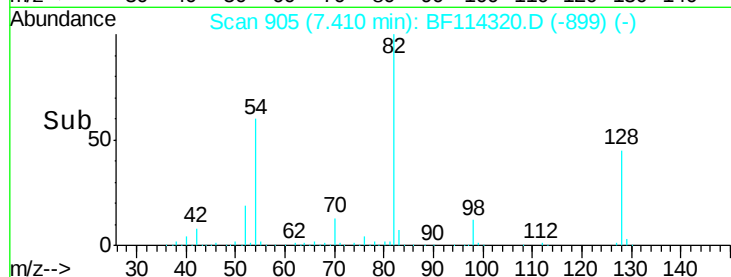
138 0.0 14.8 22.2#



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: 7.034 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.03 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

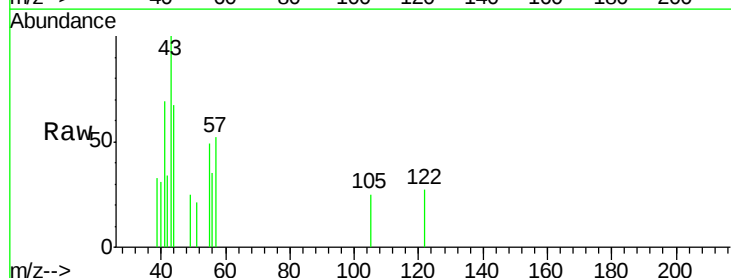
Tgt Ion: 122 Resp: 139

Ion Ratio Lower Upper

122 100

105 91.1 99.9 139.9#

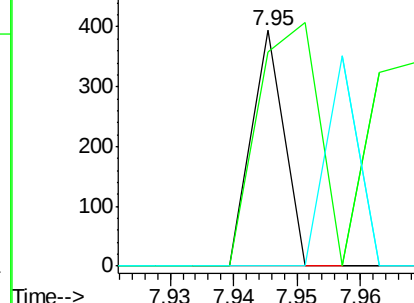
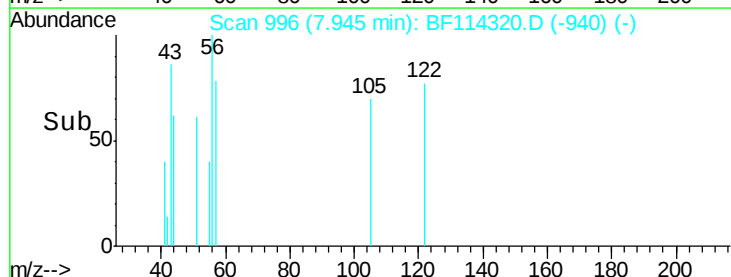
77 0.0 69.4 109.4#

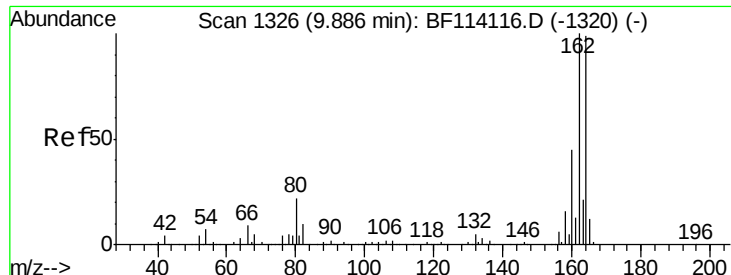


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

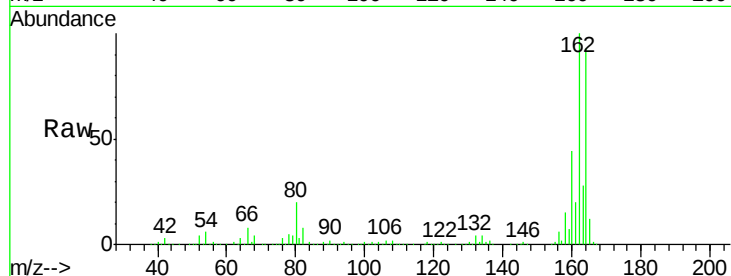




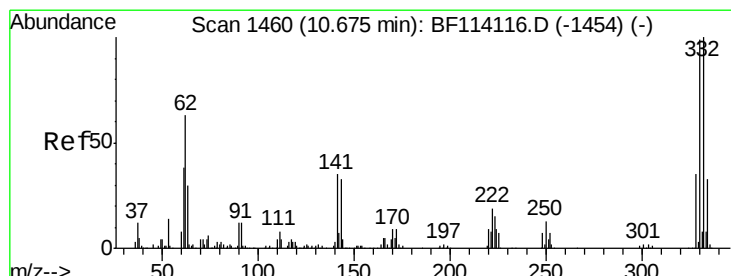
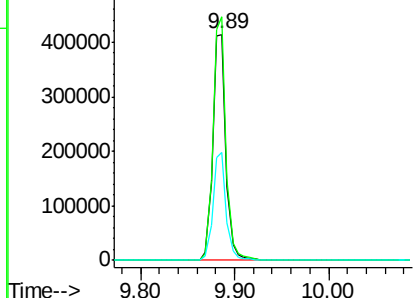
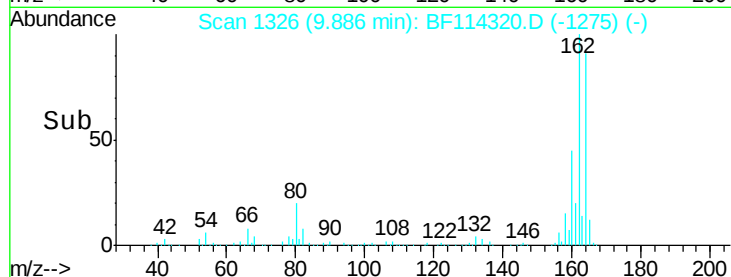
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Instrument :
BNA_F
ClientSampleId :
TP-22-D

Tot Ion:164 Resp: 417220
Ion Ratio Lower Upper
164 100
162 107.8 80.6 120.8
160 47.9 36.5 54.7

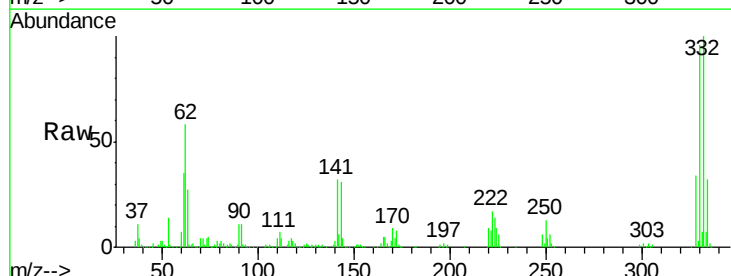


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

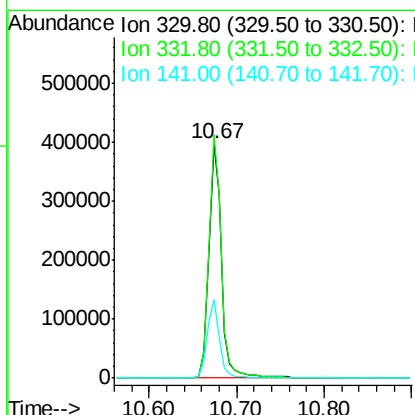
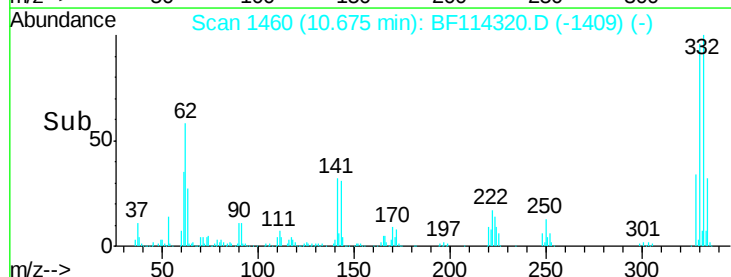


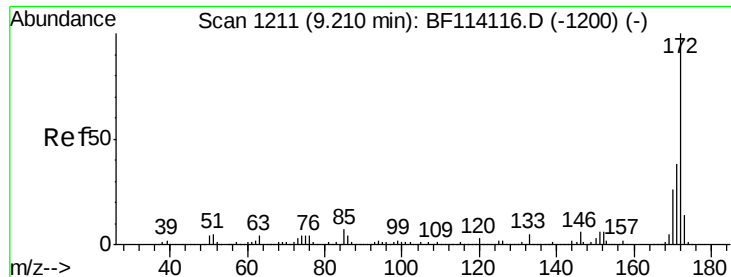
#42
2,4,6-Tribromophenol
Concen: 92.904 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Tgt Ion:330 Resp: 400729
Ion Ratio Lower Upper
330 100
332 102.8 81.4 122.2
141 32.7 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

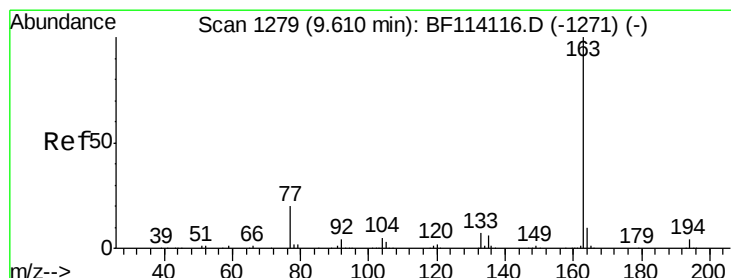
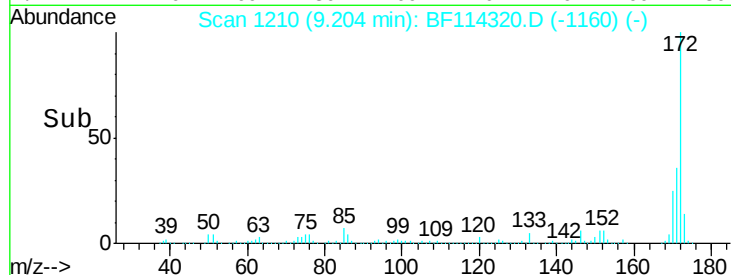
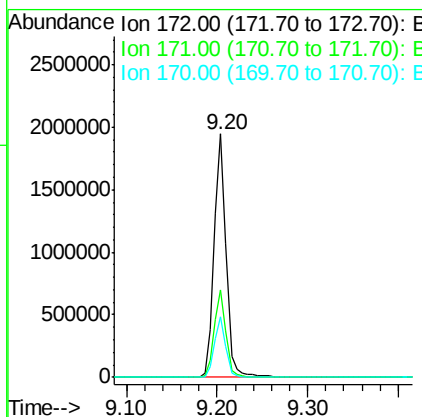
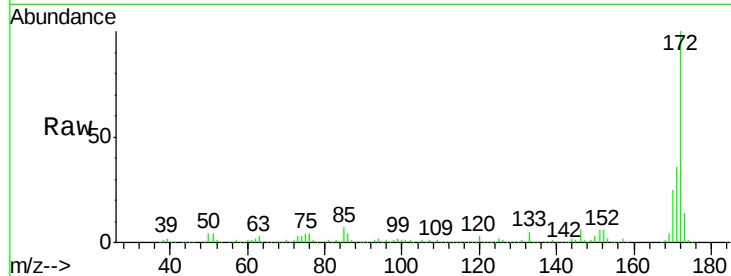




#45
2-Fluorobiphenyl
Concen: 66.013 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

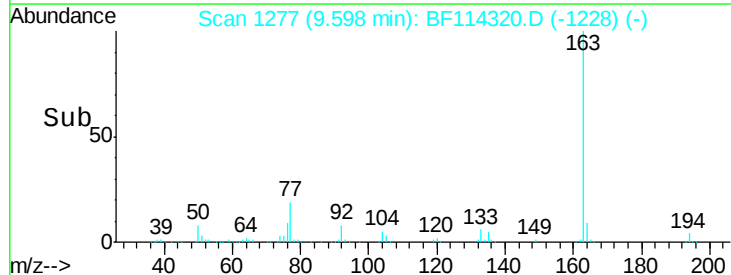
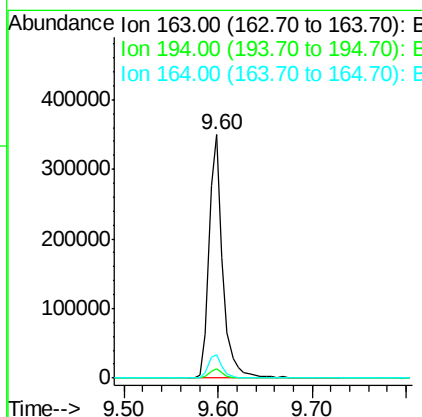
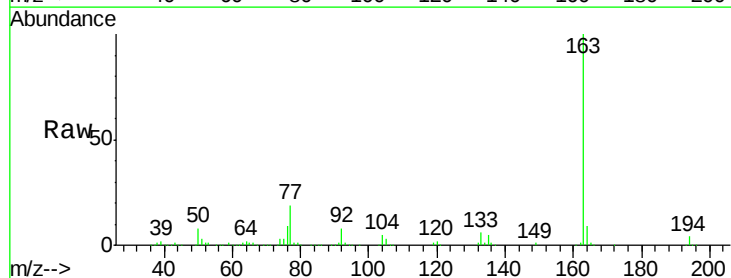
Instrument :
BNA_F
ClientSampled :
TP-22-D

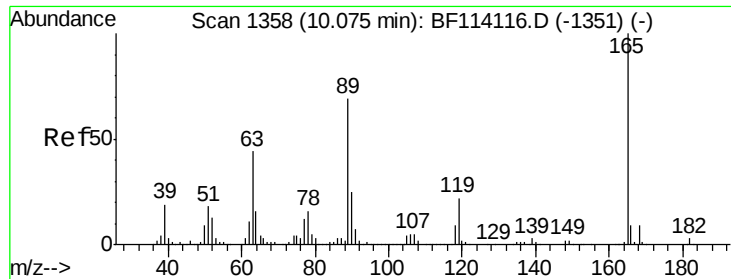
Tot Ion:172 Resp: 1820761
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 24.7 20.5 30.7



#50
Dimethylphthalate
Concen: 11.656 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114320.D
Acq: 16 May 2019 20:13

Tgt Ion:163 Resp: 356998
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.4 8.2 12.2

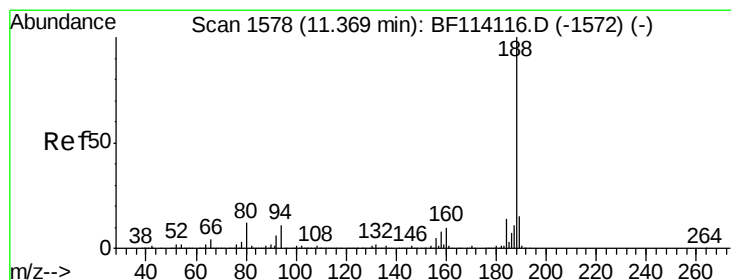
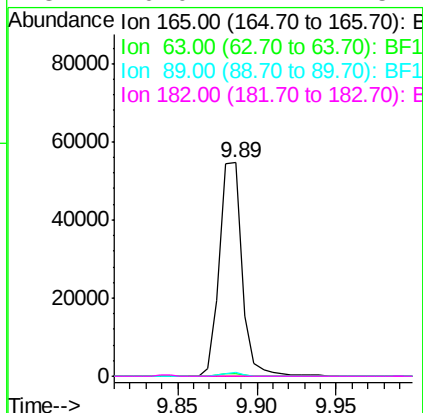
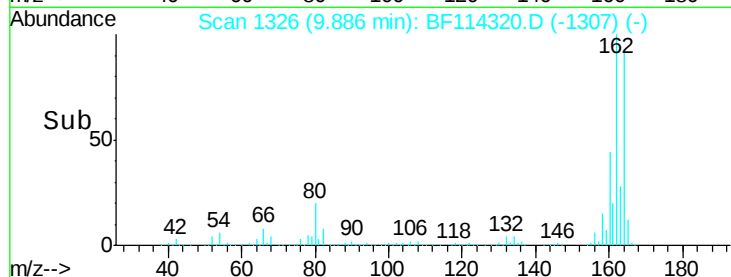
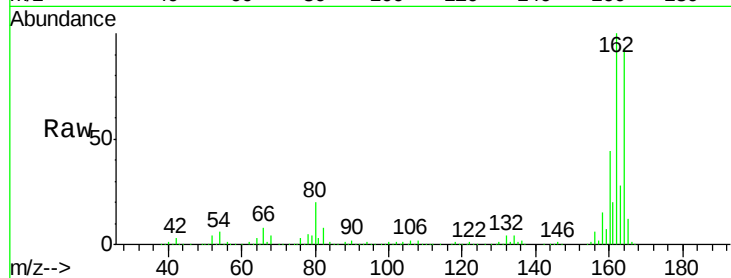




#57
 2,4-Dinitrotoluene
 Concen: 5.875 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114320.D
 Acq: 16 May 2019 20:13

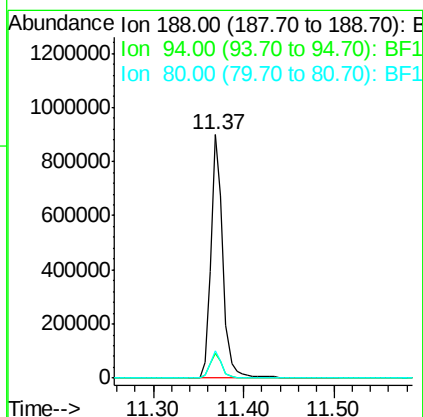
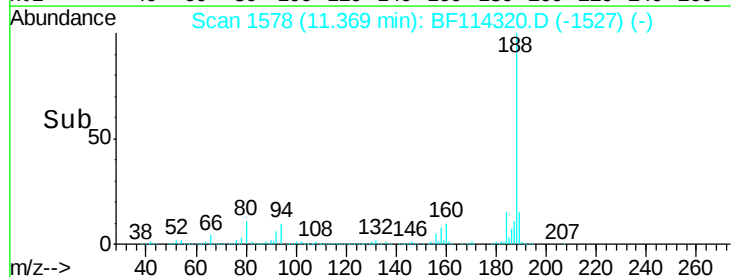
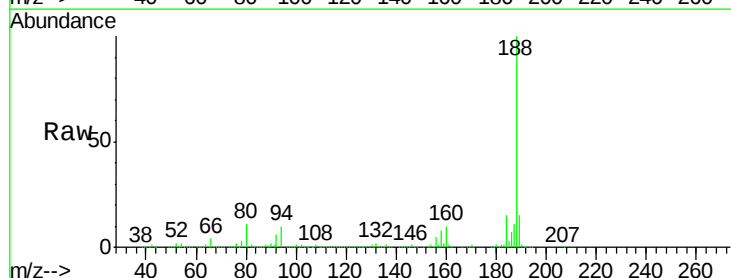
Instrument :
 BNA_F
 ClientSampleId :
 TP-22-D

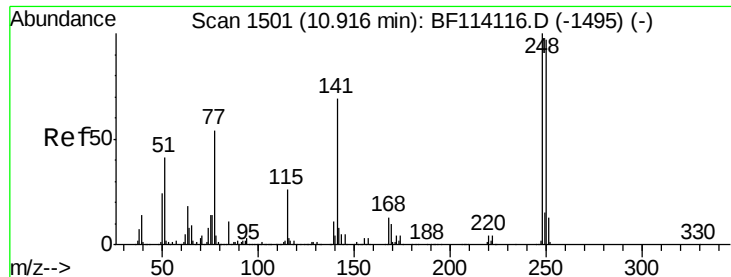
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF114320.D
 Acq: 16 May 2019 20:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	11.2	9.2	13.8





#67

4-Bromophenyl-phenylether

Concen: 2.854 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

Instrument :

BNA_F

ClientSampleId :

TP-22-D

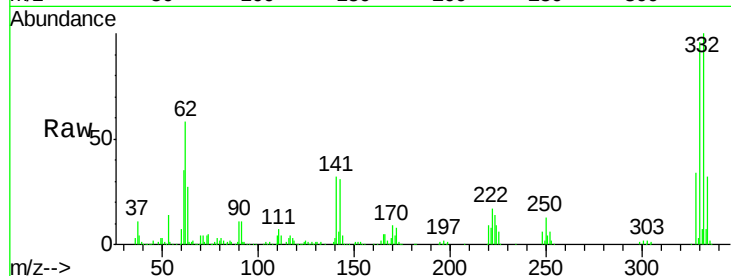
Tot Ion:248 Resp: 26292

Ion Ratio Lower Upper

248 100

250 203.6 77.4 116.2#

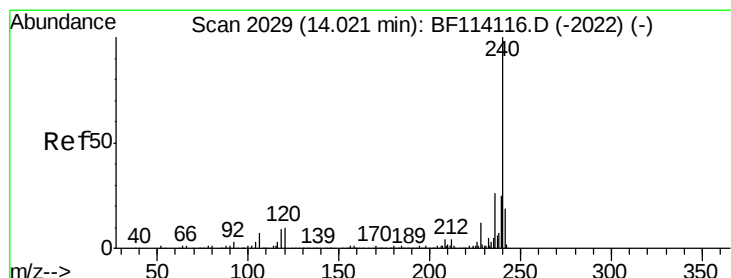
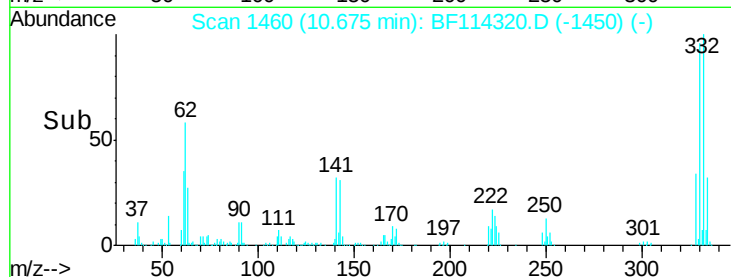
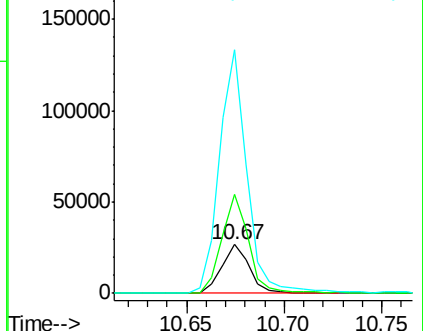
141 501.1 55.6 83.4#



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114320.D

Acq: 16 May 2019 20:13

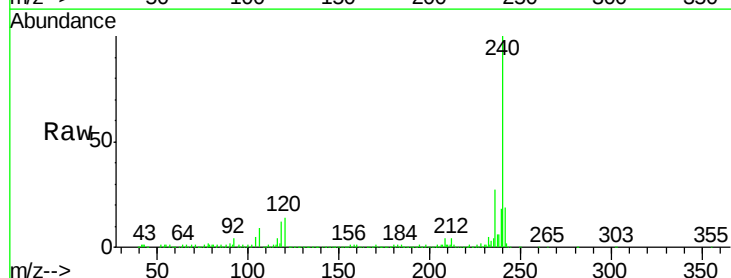
Tgt Ion:240 Resp: 513918

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

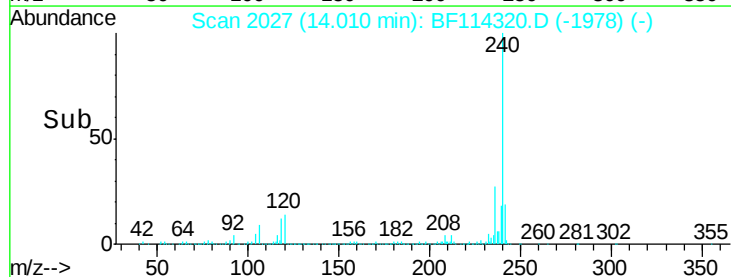
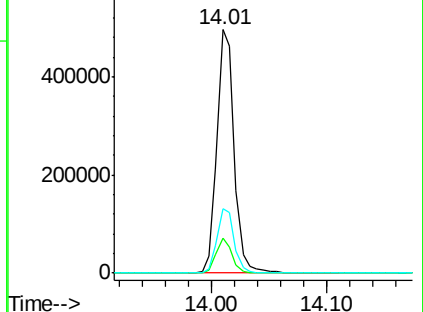
236 26.7 20.8 31.2

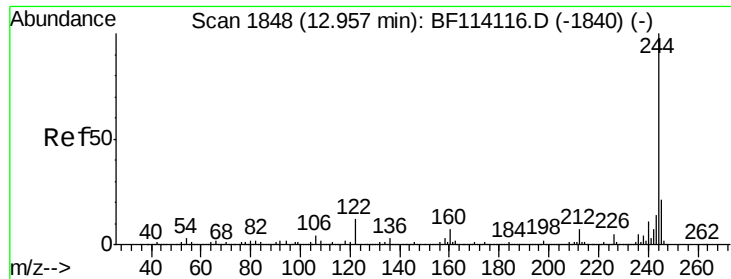


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

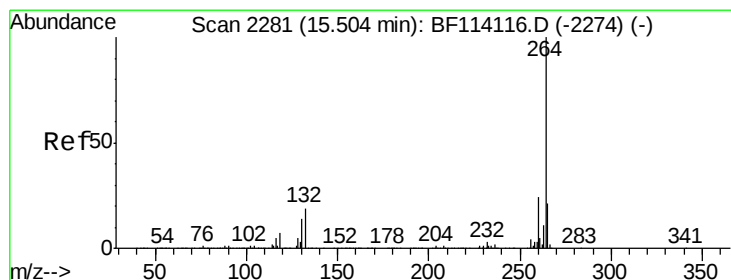
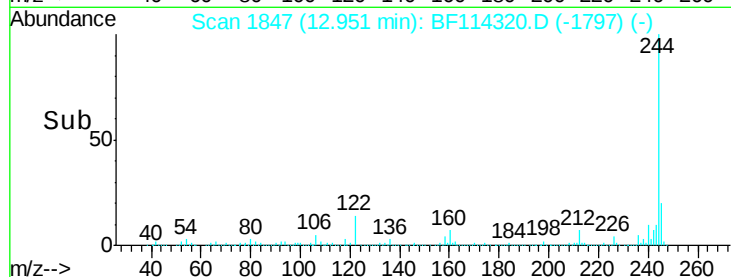
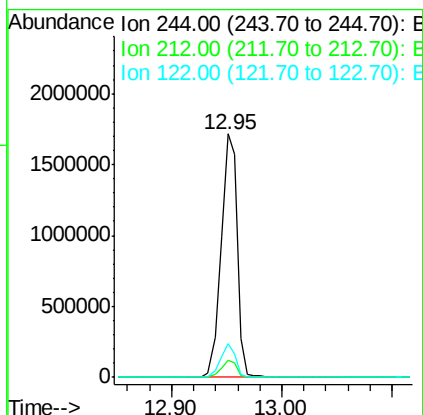
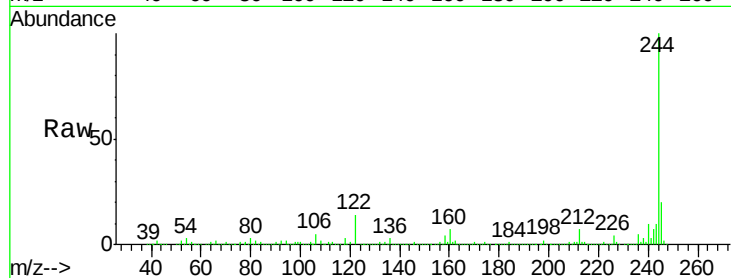




#79
 Terphenyl-d14
 Concen: 69.881 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114320.D
 Acq: 16 May 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-22-D

Tot Ion:244 Resp: 1742131
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.7 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114320.D
 Acq: 16 May 2019 20:13

Tgt Ion:264 Resp: 575393
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.6 16.9 25.3

