

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114528.D
 Acq On : 23 May 2019 16:08
 Operator : JU/SJ
 Sample : K2906-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:17:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

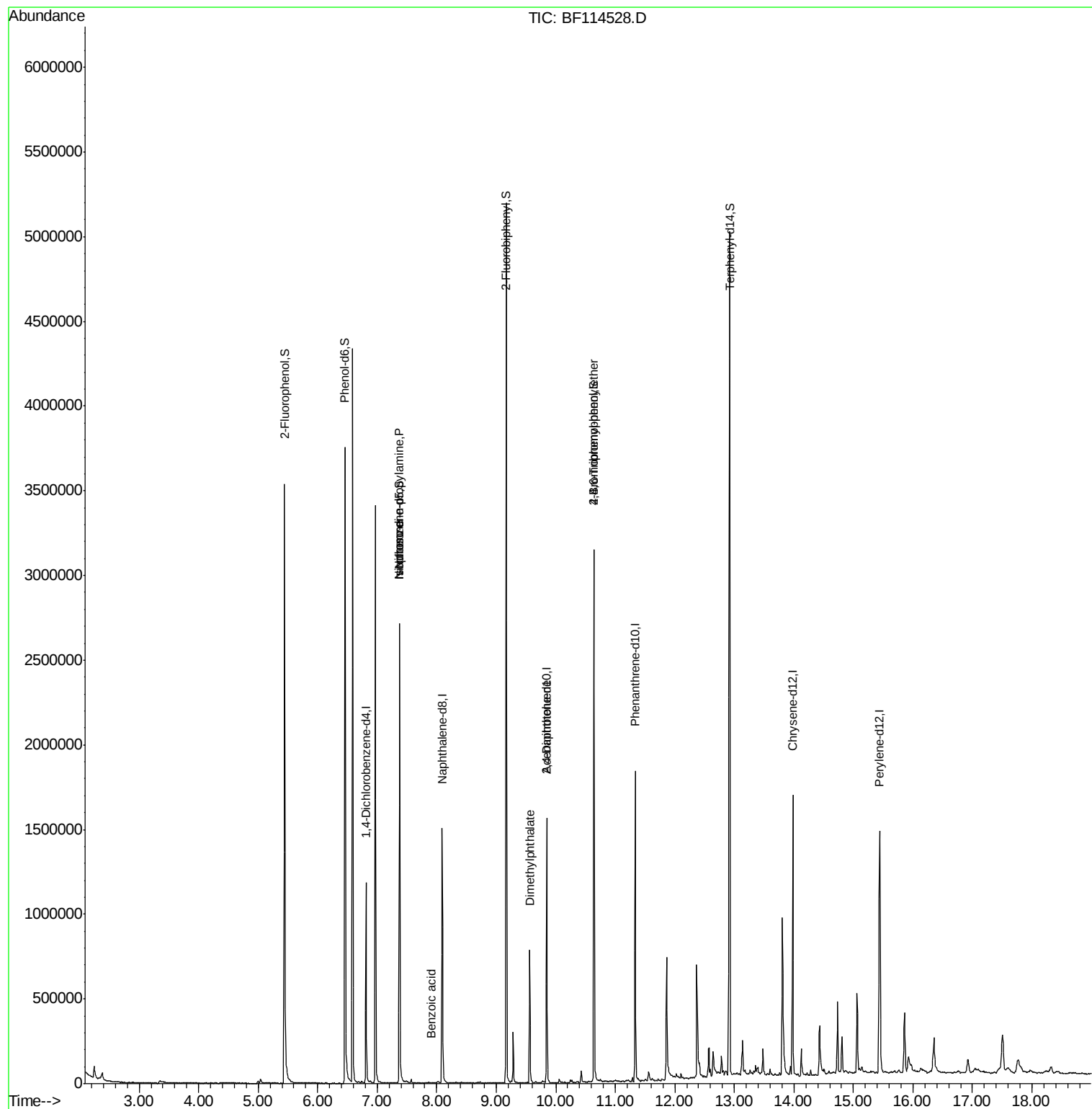
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171652	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	659706	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	320984	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	672828	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	561424	20.00	ng	-0.02
87) Perylene-d12	15.44	264	585365	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1079059	101.16	ng	-0.02
7) Phenol-d6	6.46	99	1420610	112.61	ng	-0.03
23) Nitrobenzene-d5	7.37	82	849714	72.28	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	375497	113.15	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1568717	73.93	ng	-0.02
79) Terphenyl-d14	12.92	244	1748552	64.20	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	113011	14.133	ng	# 75
25) Isophorone	7.37	82	849708	38.975	ng	# 64
32) Benzoic acid	7.91	122	223	7.050	ng	# 45
50) Dimethylphthalate	9.56	163	289246	12.275	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	41537	5.856	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	24429	3.298	ng	# 1

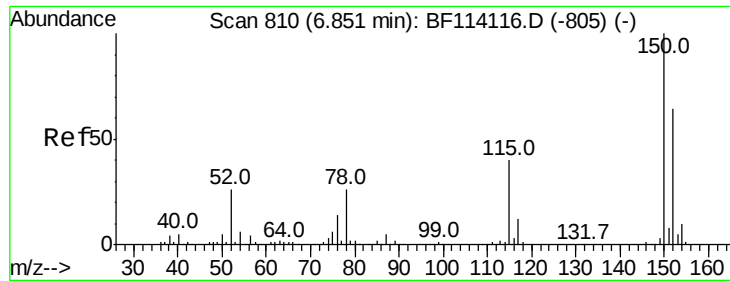
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



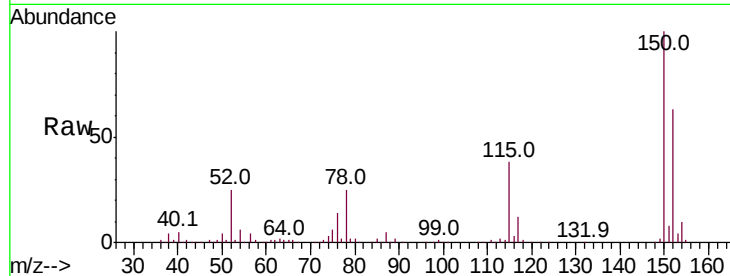


#1

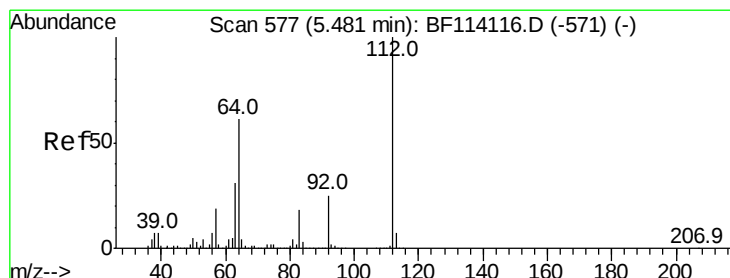
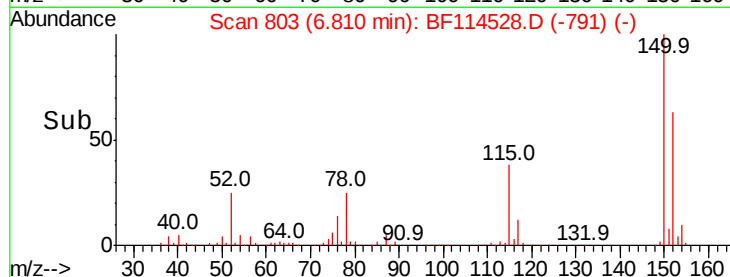
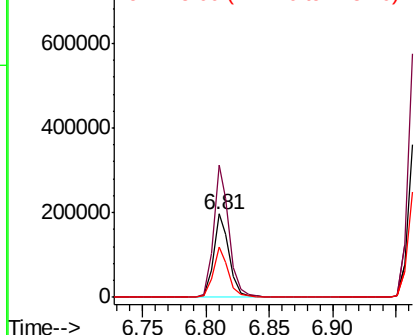
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171652
Ion Ratio Lower Upper
152 100
150 159.2 124.3 186.5
115 61.2 49.1 73.7



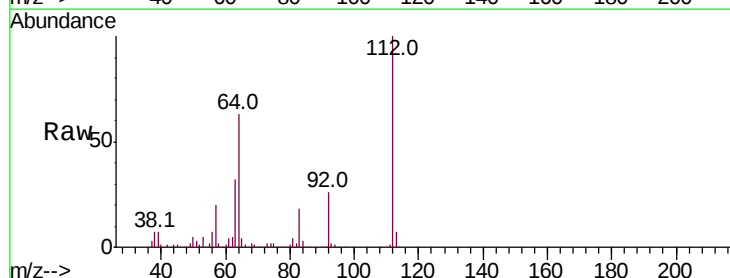
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



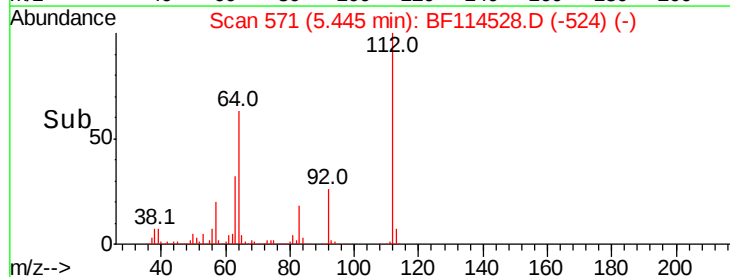
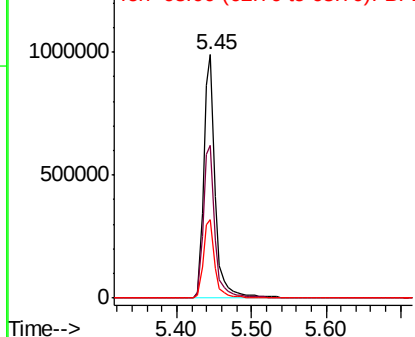
#5

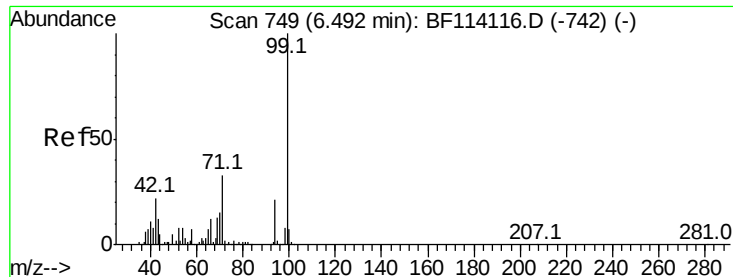
2-Fluorophenol
Concen: 101.163 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Tgt Ion:112 Resp: 1079059
Ion Ratio Lower Upper
112 100
64 62.7 49.0 73.6
63 32.3 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: 112.607 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

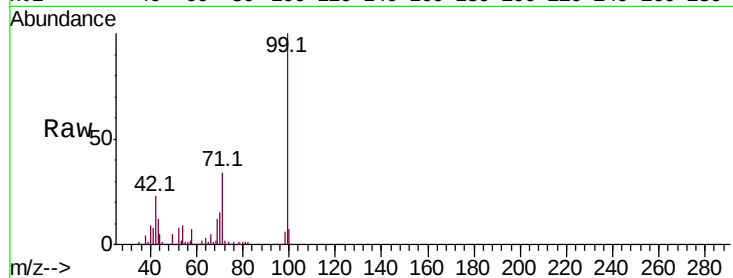
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1420610

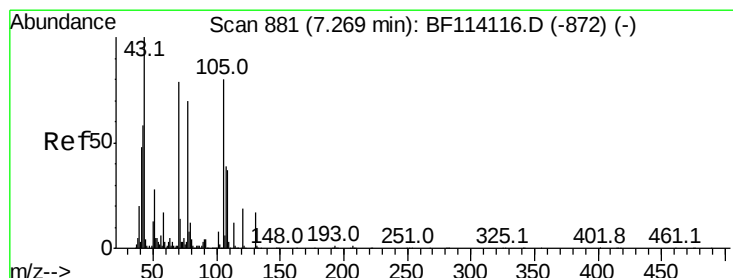
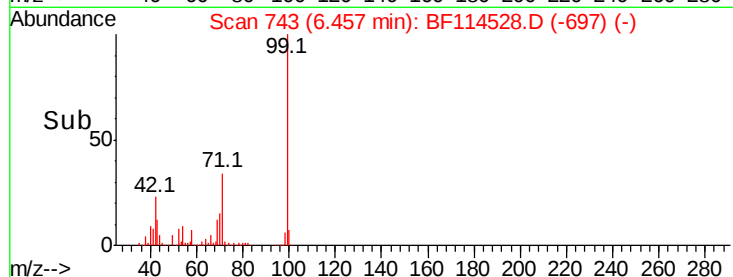
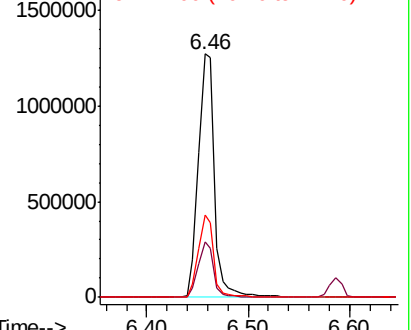
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	33.8	26.2	39.2



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: 14.133 ng

RT: 7.37 min Scan# 899

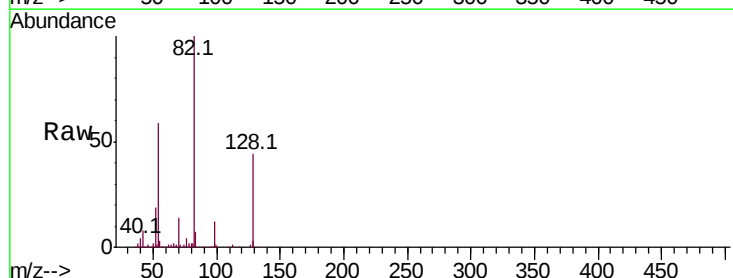
Delta R.T. 0.12 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Tgt Ion: 70 Resp: 113011

Ion	Ratio	Lower	Upper
70	100		
42	56.2	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#

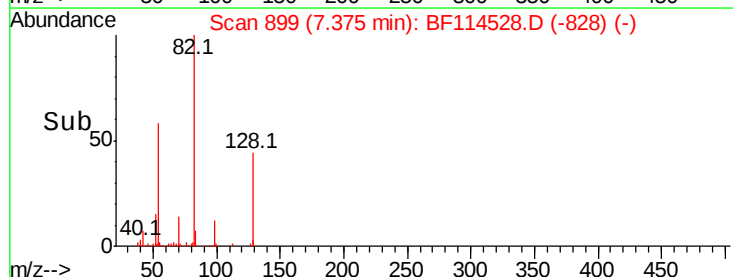
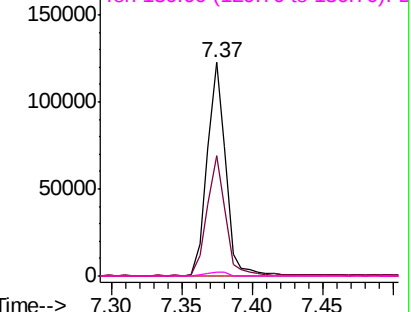


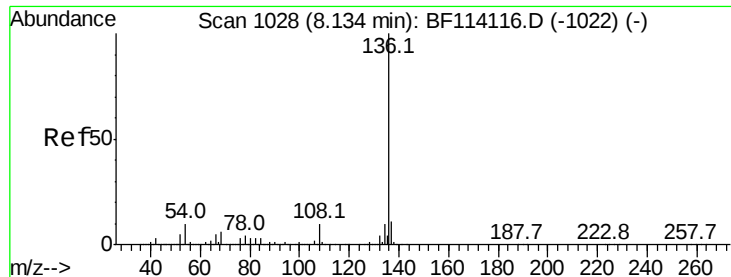
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 659706

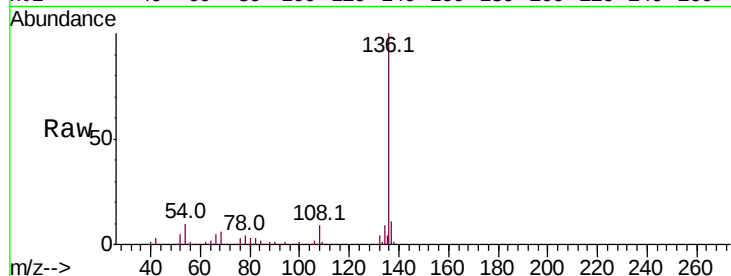
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.6 7.8 11.8

68 5.9 5.1 7.7

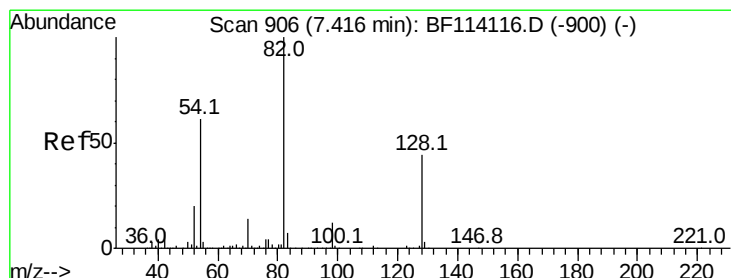
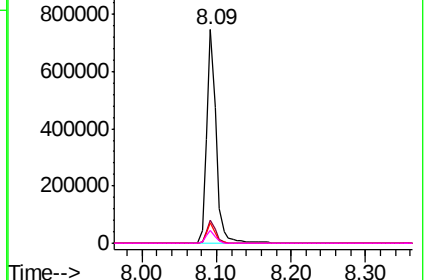
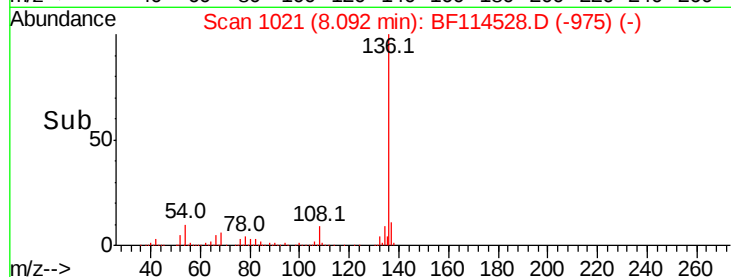


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.284 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

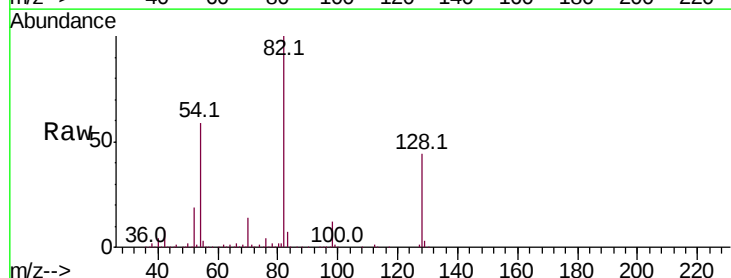
Tgt Ion: 82 Resp: 849714

Ion Ratio Lower Upper

82 100

128 43.6 35.5 53.3

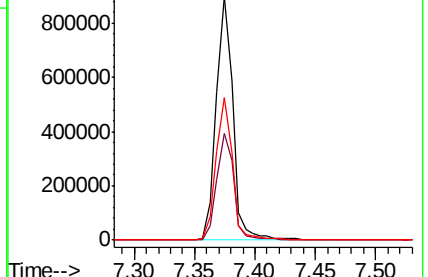
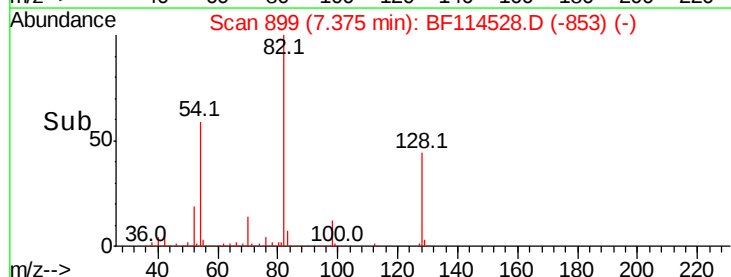
54 58.6 48.5 72.7

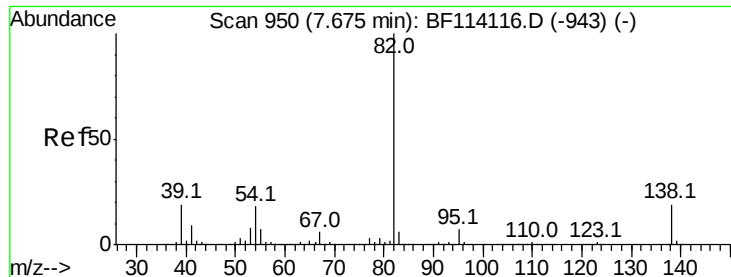


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.975 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.29 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

BNA_F

ClientSampled :

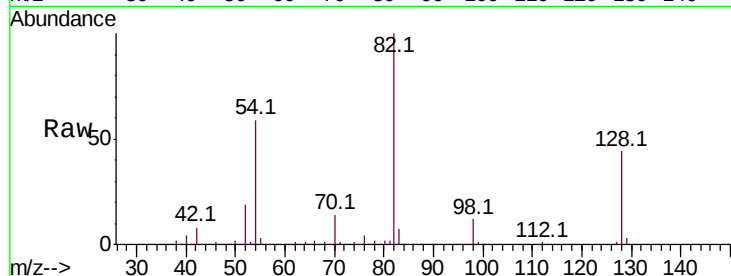
Tot Ion: 82 Resp: 849708

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

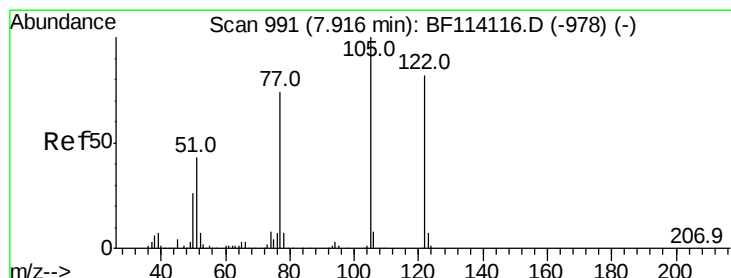
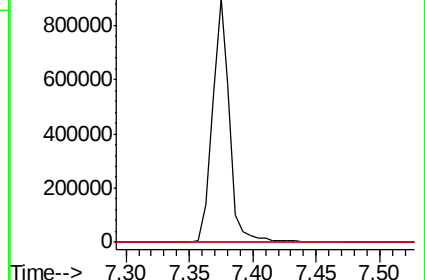
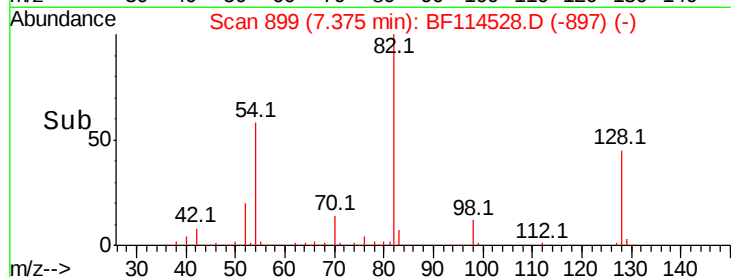
138 0.0 14.8 22.2#



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: 7.050 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

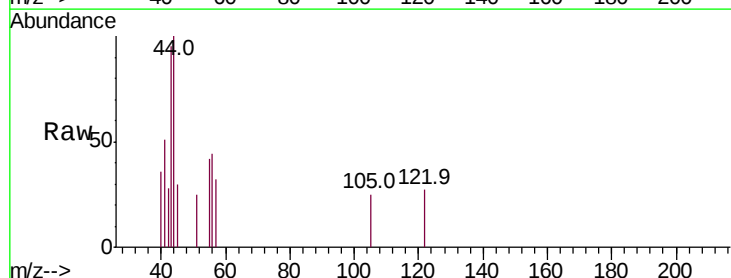
Tgt Ion: 122 Resp: 223

Ion Ratio Lower Upper

122 100

105 92.7 99.9 139.9#

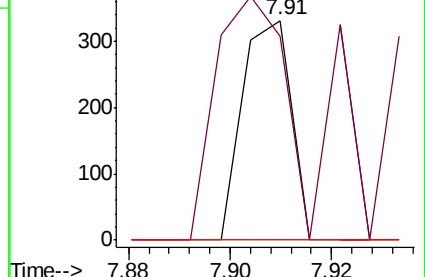
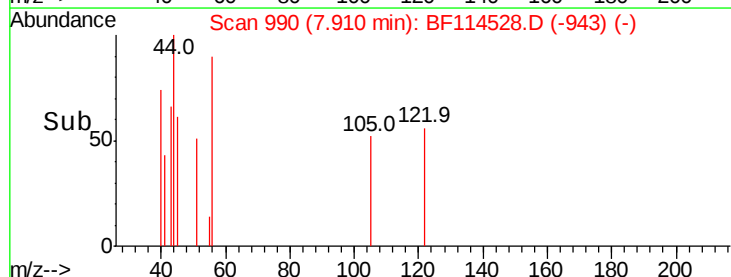
77 0.0 69.4 109.4#

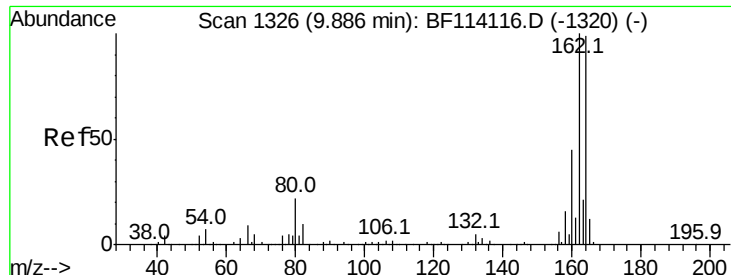


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

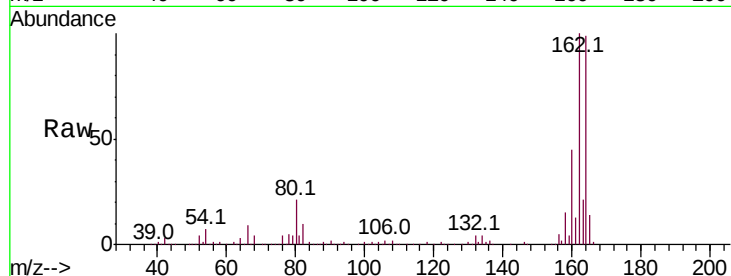




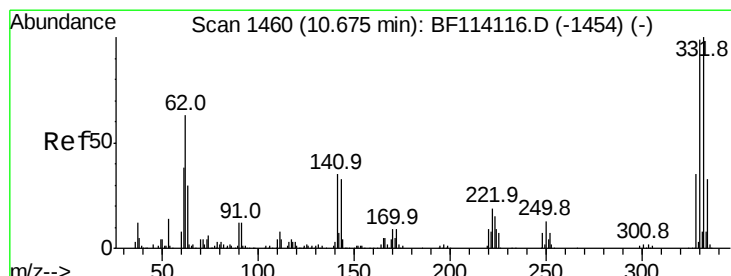
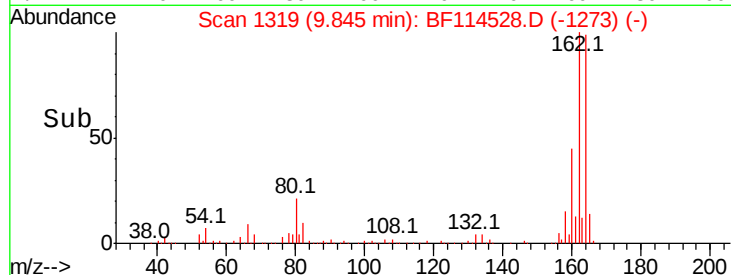
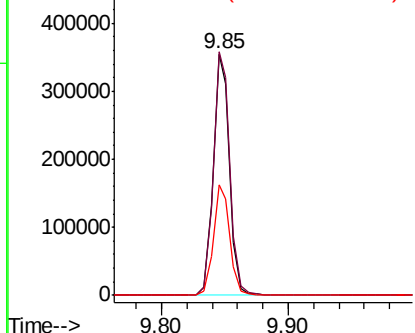
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 320984
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.7 36.5 54.7

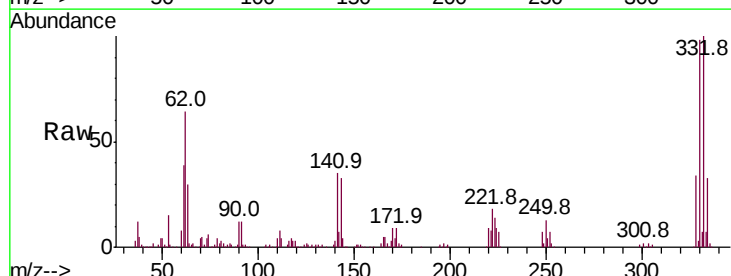


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

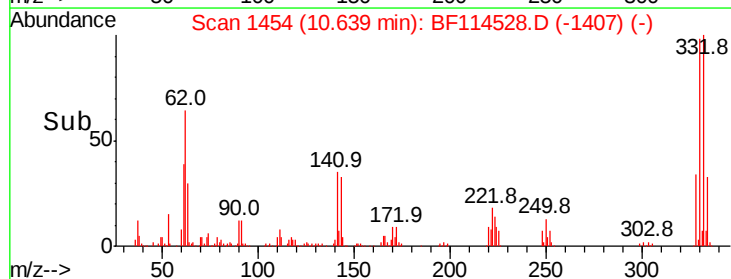
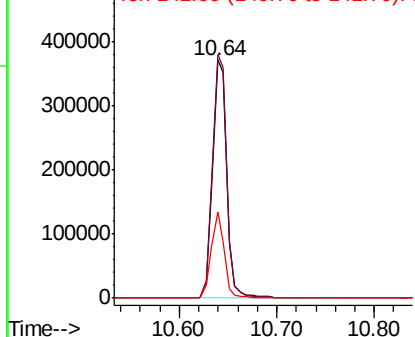


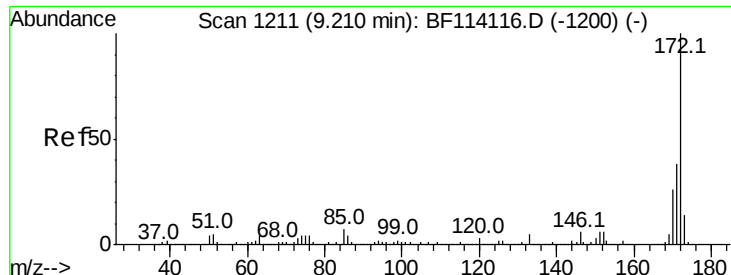
#42
2,4,6-Tribromophenol
Concen: 113.155 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF114528.D
Acq: 23 May 2019 16:08

Tgt Ion:330 Resp: 375497
Ion Ratio Lower Upper
330 100
332 102.1 81.4 122.2
141 33.5 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



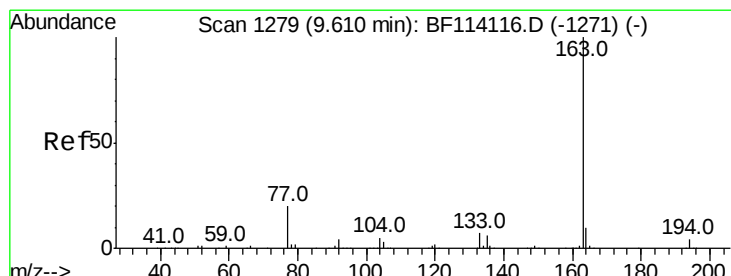
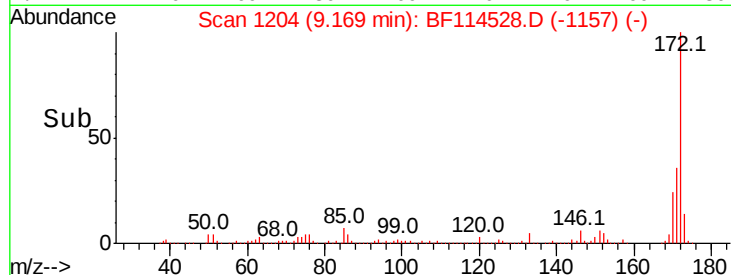
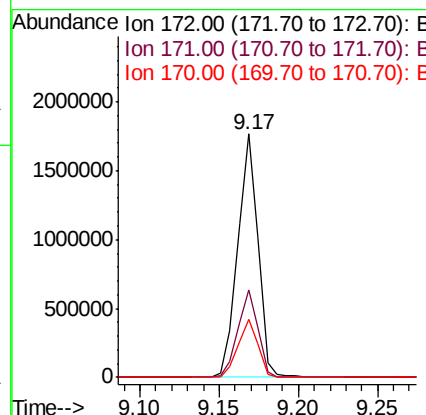
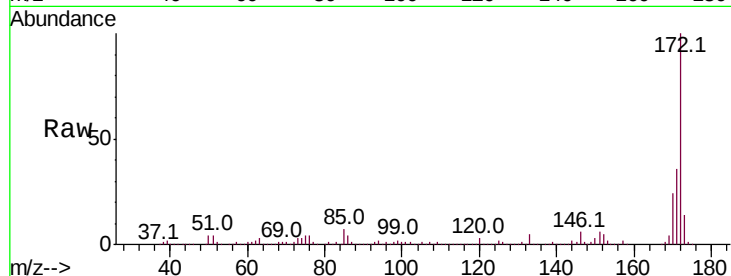


#45
 2-Fluorobiphenyl
 Concen: 73.927 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1568717

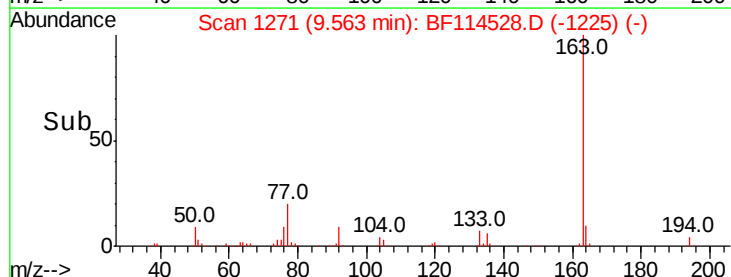
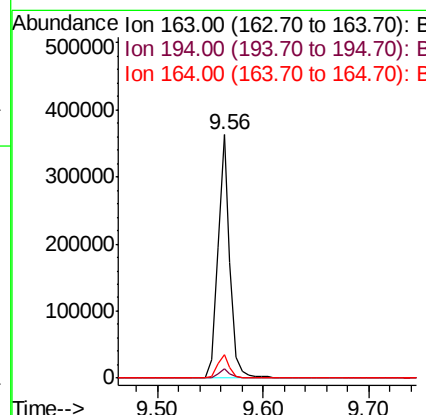
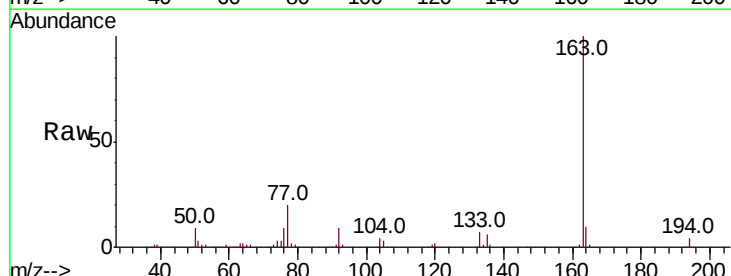
Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.9	20.5	30.7

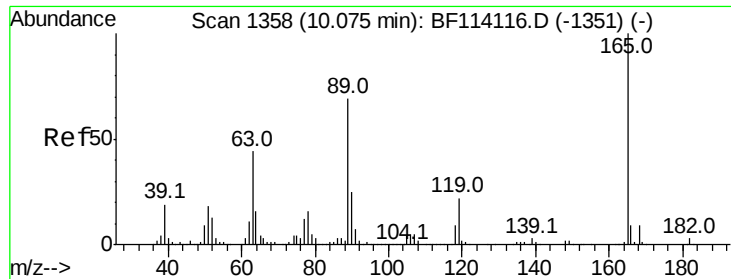


#50
 Dimethylphthalate
 Concen: 12.275 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Tgt Ion:163 Resp: 289246

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.5	8.2	12.2

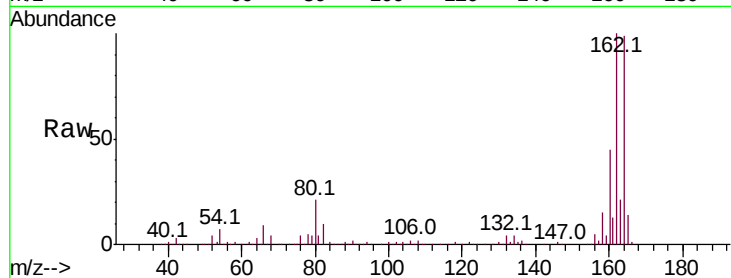




#57
 2,4-Dinitrotoluene
 Concen: 5.856 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#

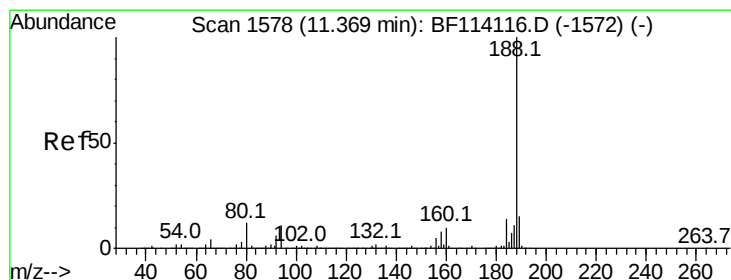
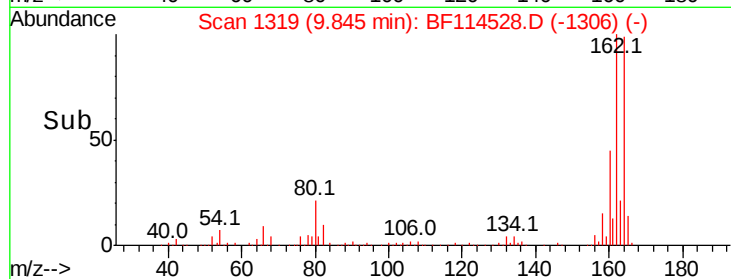
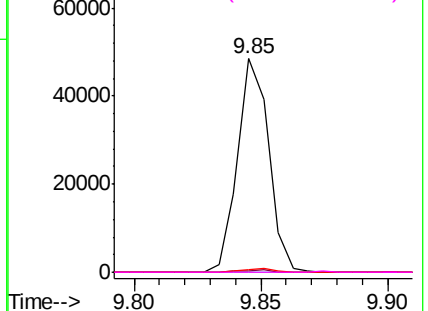


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

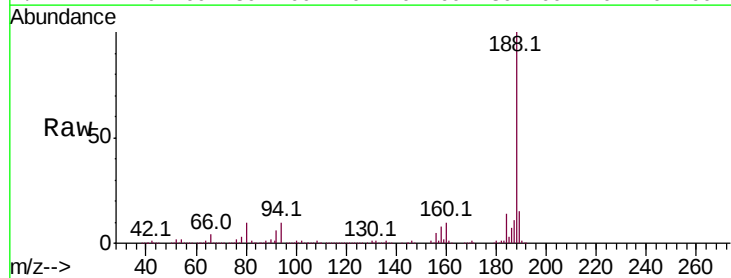
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

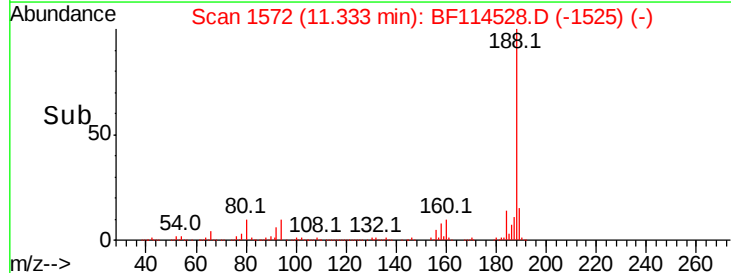
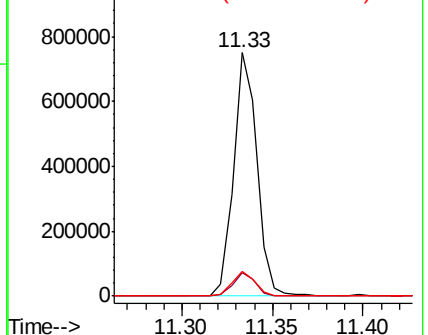
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	10.4	9.2	13.8

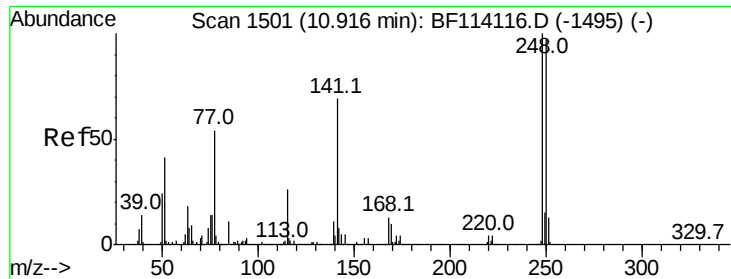


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.298 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

Instrument :

BNA_F

ClientSampleId :

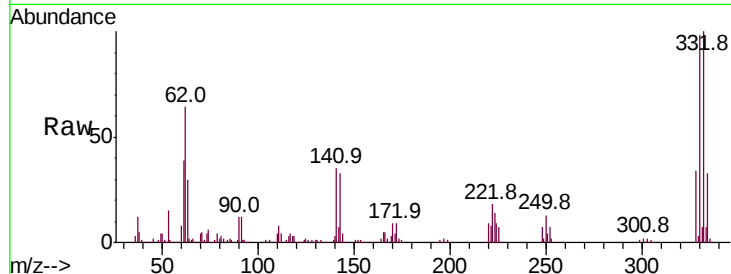
Tot Ion:248 Resp: 24429

Ion Ratio Lower Upper

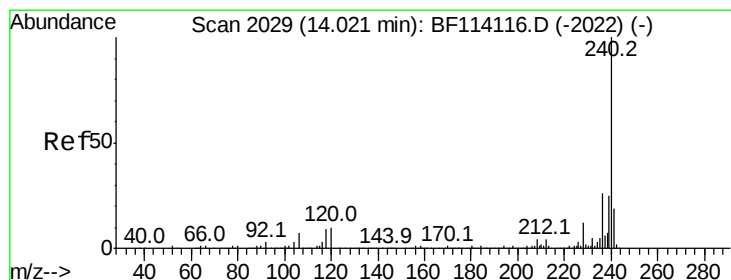
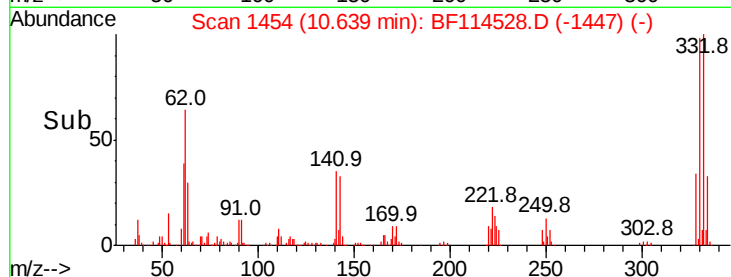
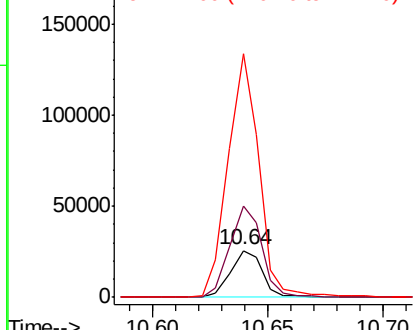
248 100

250 195.5 77.4 116.2#

141 521.8 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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF114528.D

Acq: 23 May 2019 16:08

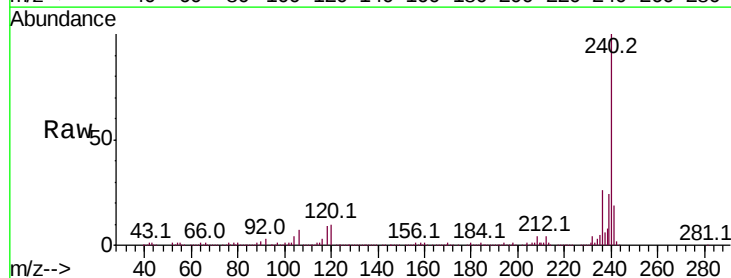
Tgt Ion:240 Resp: 561424

Ion Ratio Lower Upper

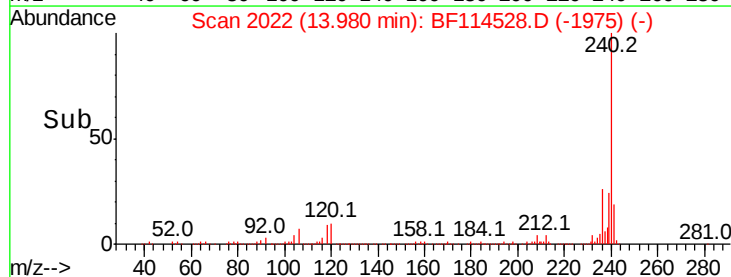
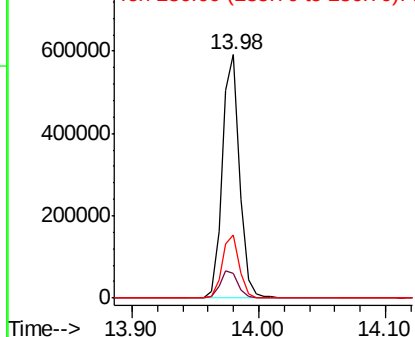
240 100

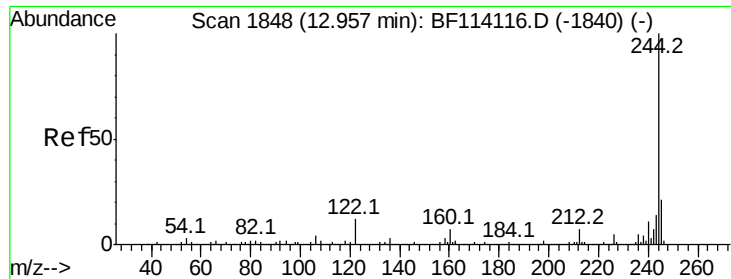
120 10.3 8.3 12.5

236 26.1 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



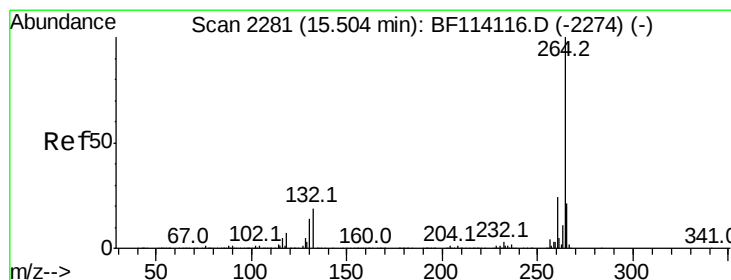
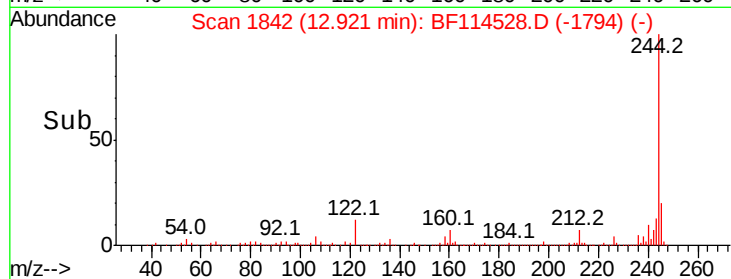
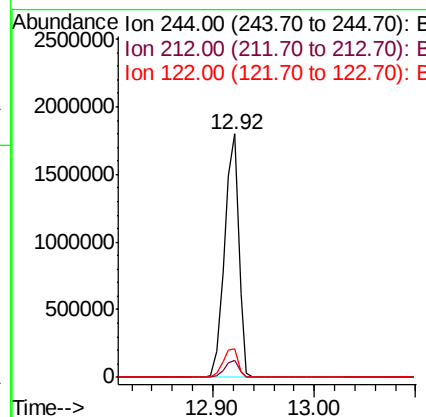
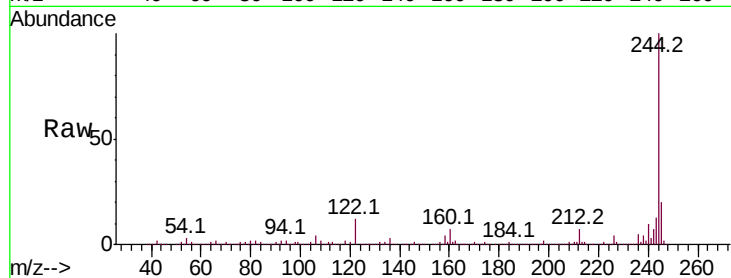


#79
 Terphenyl-d14
 Concen: 64.203 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1748552

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.6	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF114528.D
 Acq: 23 May 2019 16:08

Tgt Ion:264 Resp: 585365

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	16.9	25.3

