

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114422.D
 Acq On : 19 May 2019 6:16
 Operator : JU/SJ
 Sample : PB119833BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:16:13 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

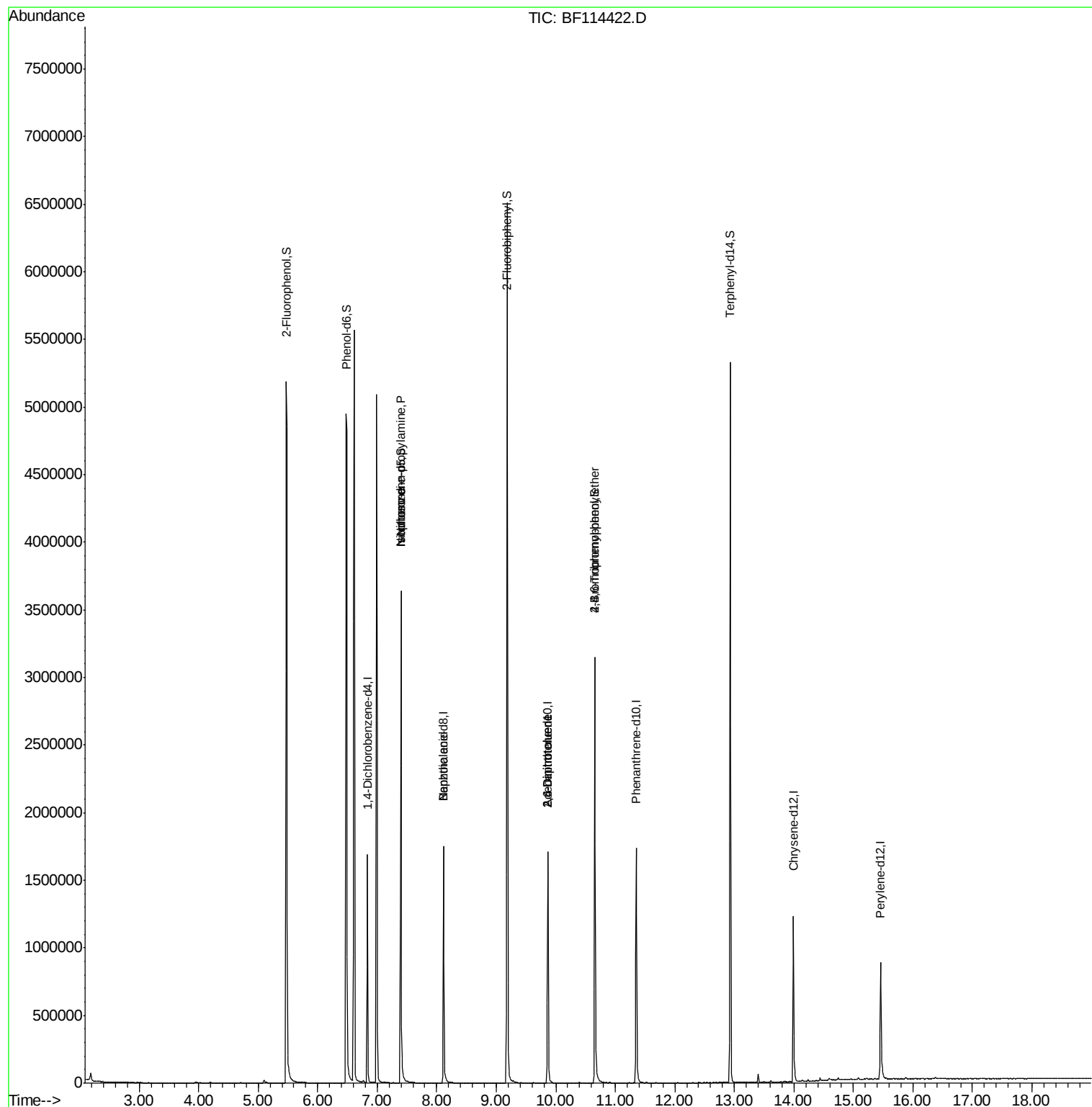
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	242014	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	899065	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	408114	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	738972	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	475374	20.00	ng	-0.03
87) Perylene-d12	15.46	264	490208	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1612287	107.21	ng	0.00
7) Phenol-d6	6.48	99	2076145	116.72	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1307379	81.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	408339	96.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2253895	83.54	ng	-0.02
79) Terphenyl-d14	12.93	244	1892682	82.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	171743	15.233	ng	# 77
25) Isophorone	7.40	82	1307367	44.002	ng	# 64
32) Benzoic acid	8.12	122	124	7.033	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	52475	7.897	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	52476	5.818	ng	# 26
67) 4-Bromophenyl-phenylether	10.66	248	27036	3.323	ng	# 1

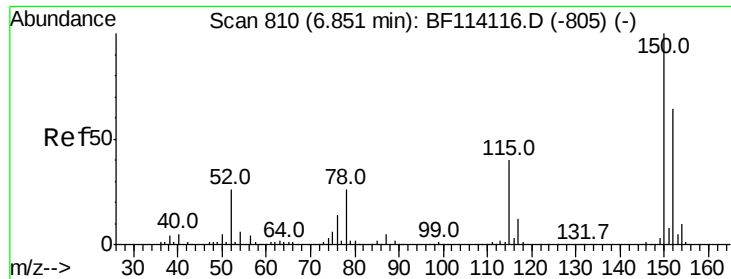
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114422.D
Acq On : 19 May 2019 6:16
Operator : JU/SJ
Sample : PB119833BL
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:16:13 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



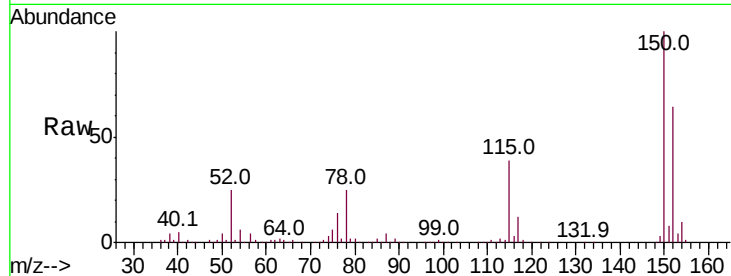


#1

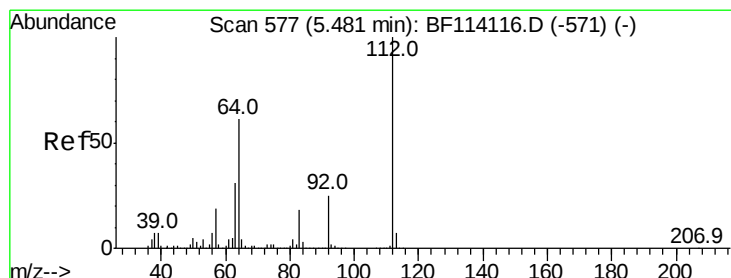
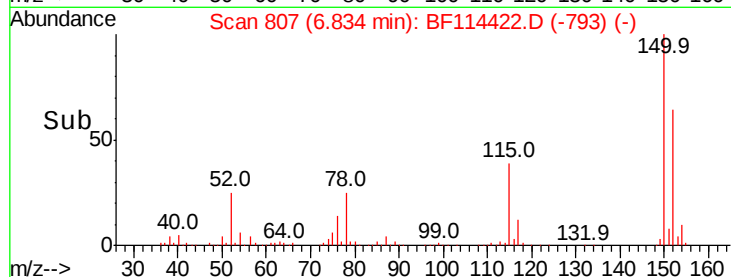
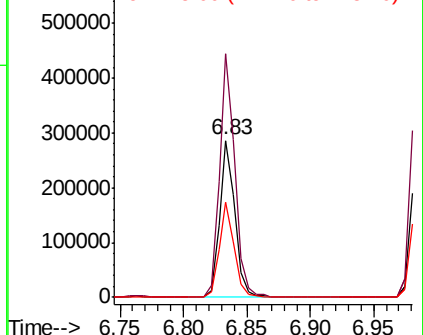
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114422.D
Acq: 19 May 2019 6:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 242014
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 60.5 49.1 73.7



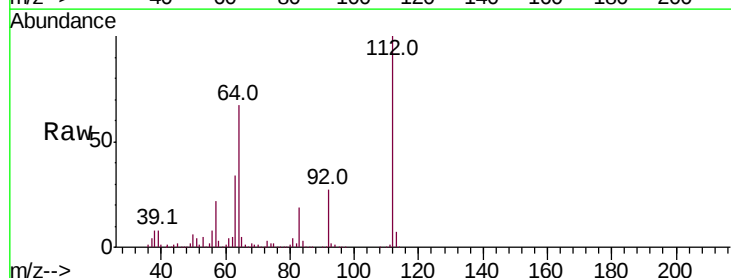
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



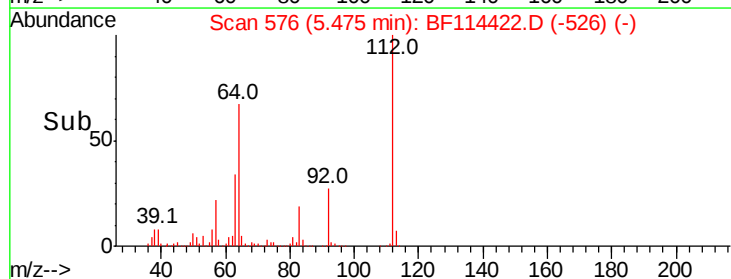
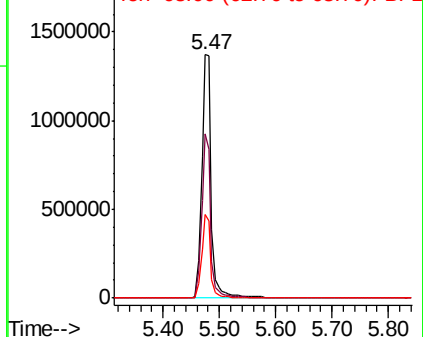
#5

2-Fluorophenol
Concen: 107.208 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114422.D
Acq: 19 May 2019 6:16

Tgt Ion:112 Resp: 1612287
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 34.3 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: 116.723 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

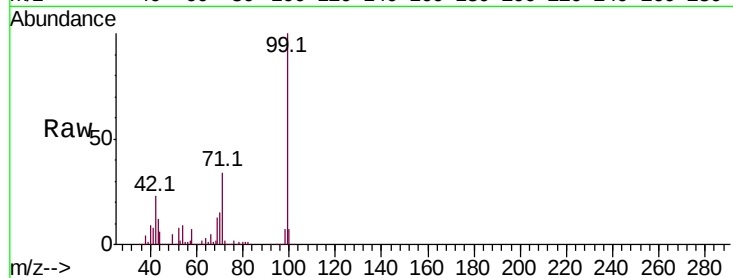
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2076145

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	34.1	26.2	39.2

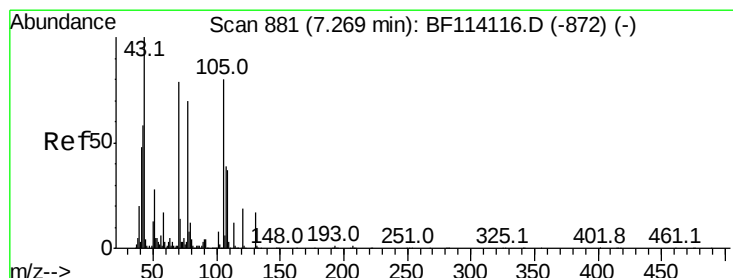
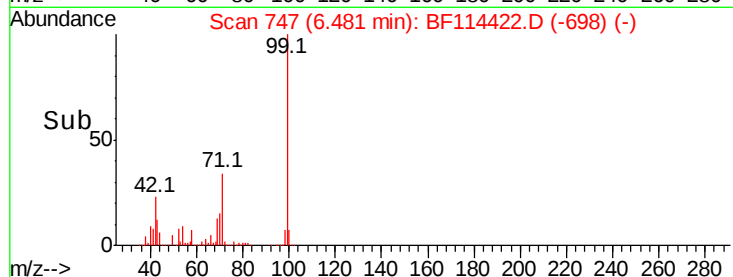
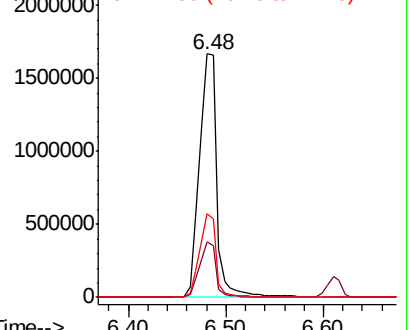


Abundance

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: 15.233 ng

RT: 7.40 min Scan# 903

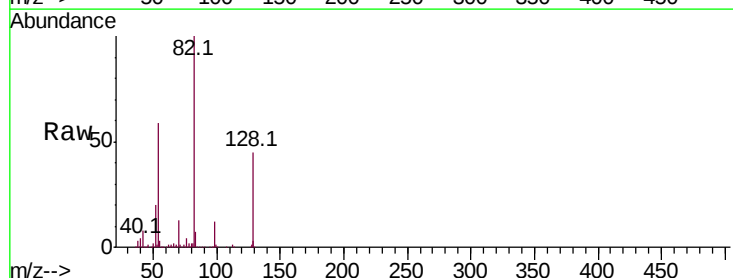
Delta R.T. 0.13 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Tgt Ion: 70 Resp: 171743

Ion	Ratio	Lower	Upper
70	100		
42	58.3	58.6	87.8#
101	0.0	7.8	11.8#
130	2.2	17.1	25.7#



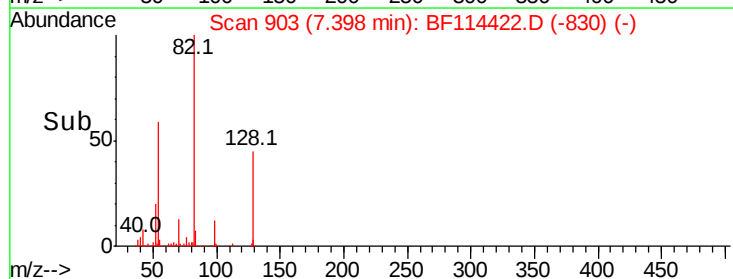
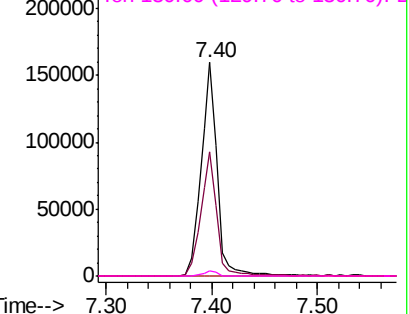
Abundance

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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 899065

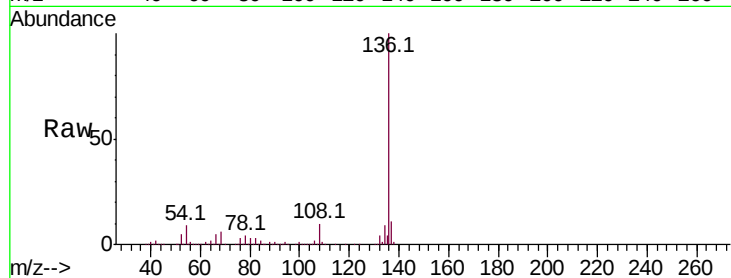
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.9 7.8 11.8

68 6.2 5.1 7.7

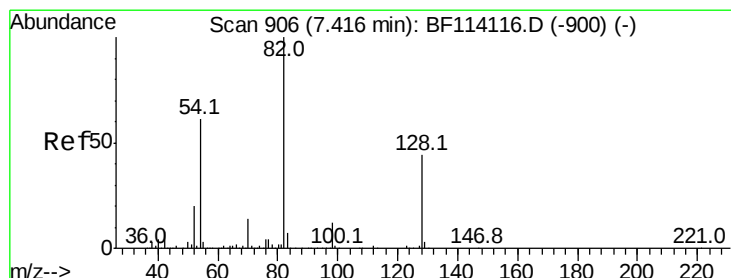
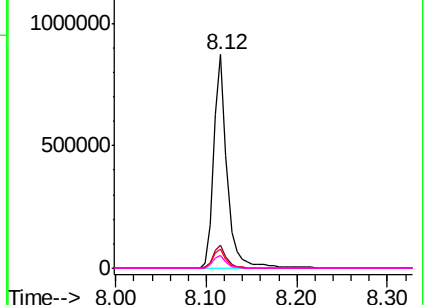
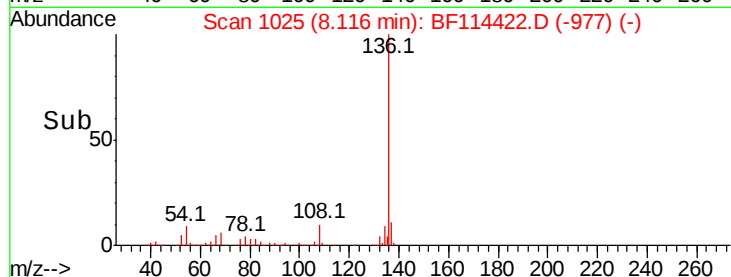


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.607 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

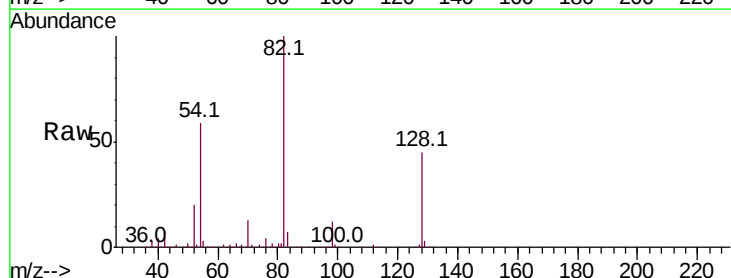
Tgt Ion: 82 Resp: 1307379

Ion Ratio Lower Upper

82 100

128 44.5 35.5 53.3

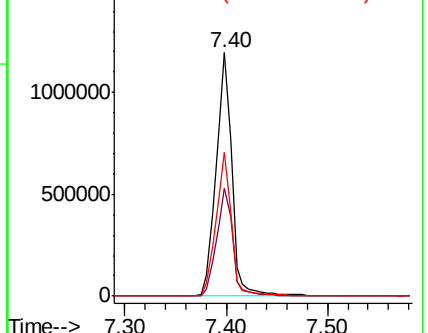
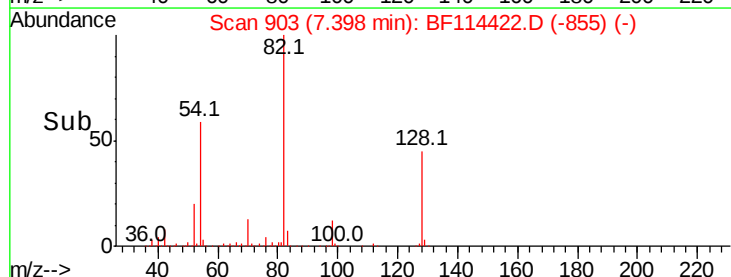
54 59.0 48.5 72.7



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: 44.002 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Instrument :

BNA_F

ClientSampleId :

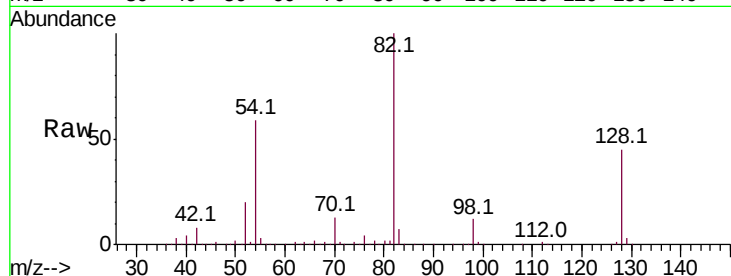
Tot Ion: 82 Resp: 1307367

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

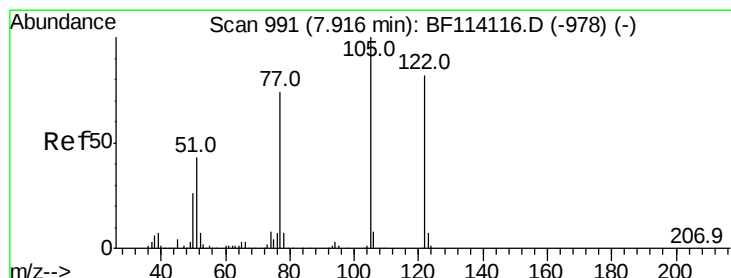
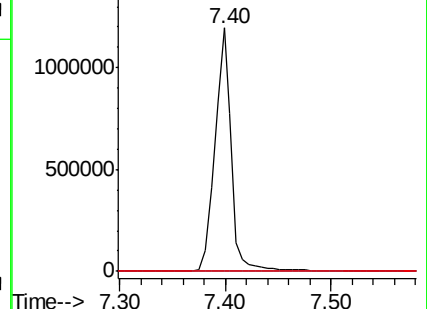
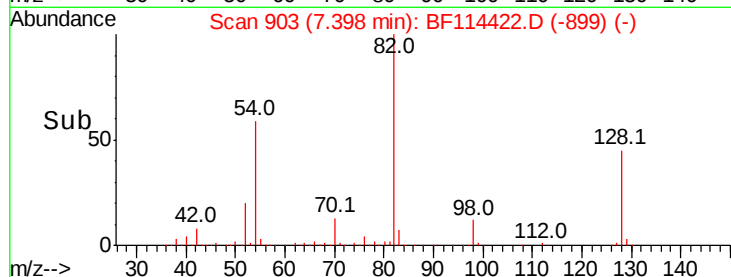
138 0.0 14.8 22.2#



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: 7.033 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.20 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

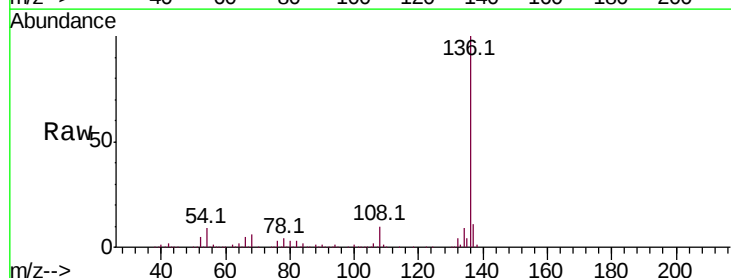
Tgt Ion:122 Resp: 124

Ion Ratio Lower Upper

122 100

105 221.7 99.9 139.9#

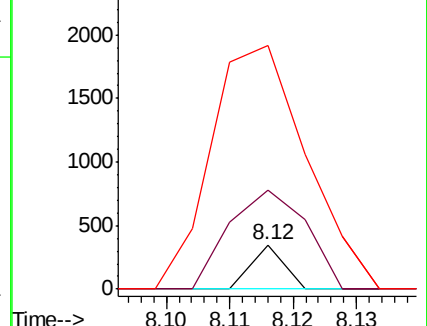
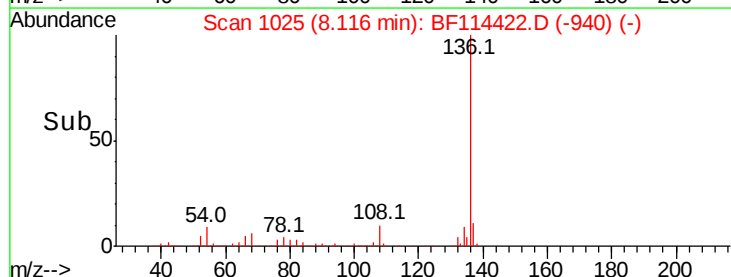
77 545.9 69.4 109.4#

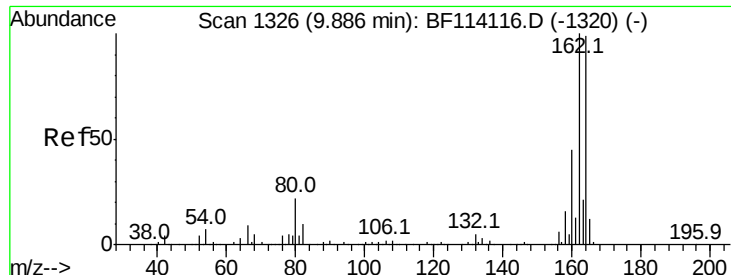


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

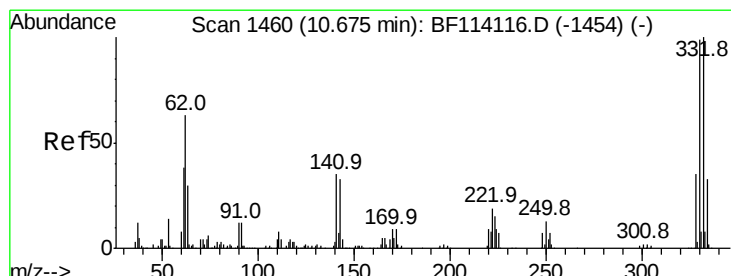
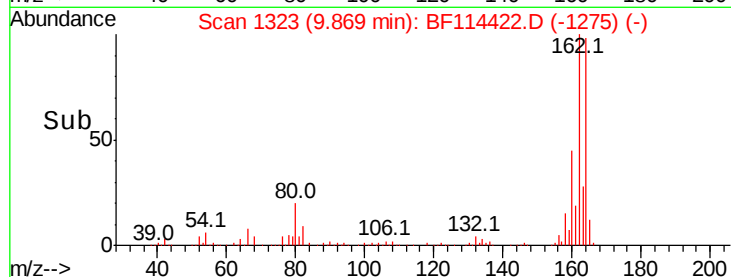
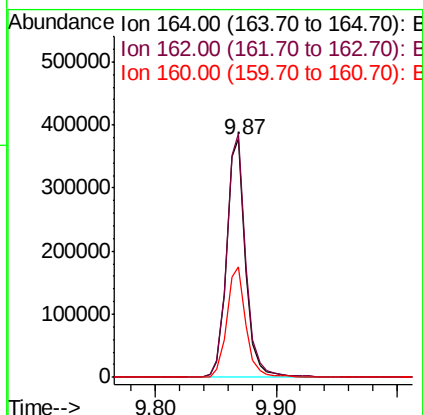
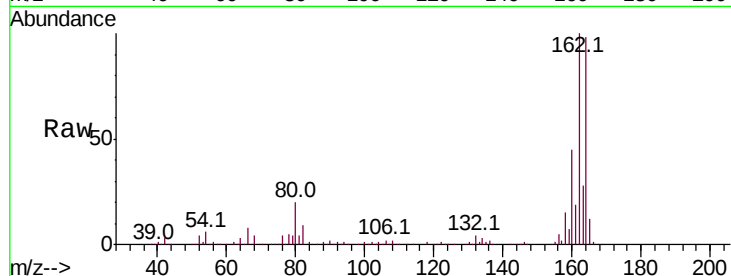




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114422.D
Acq: 19 May 2019 6:16

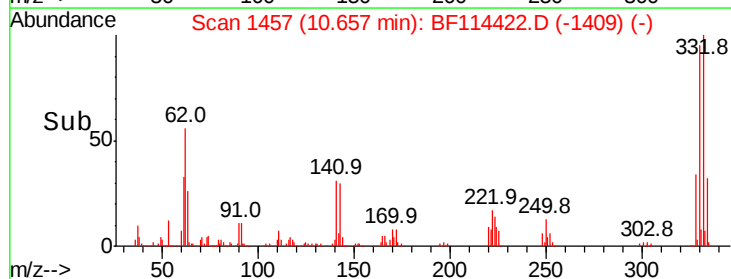
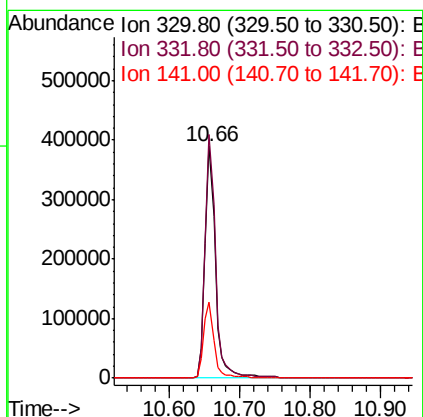
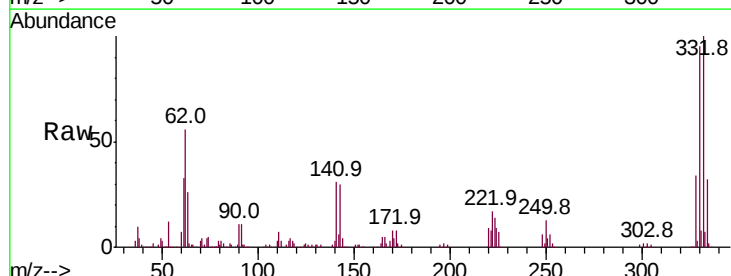
Instrument :
BNA_F
ClientSampleId :

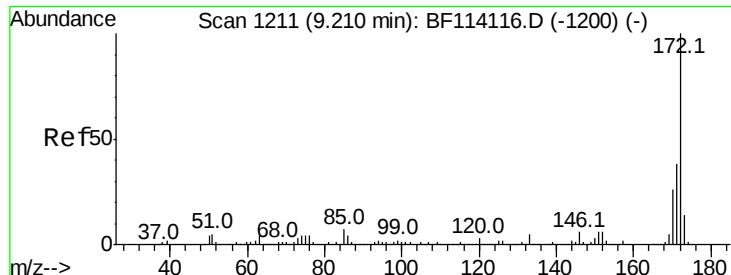
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.5	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 96.781 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114422.D
Acq: 19 May 2019 6:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.2	81.4	122.2
141	32.8	26.6	40.0



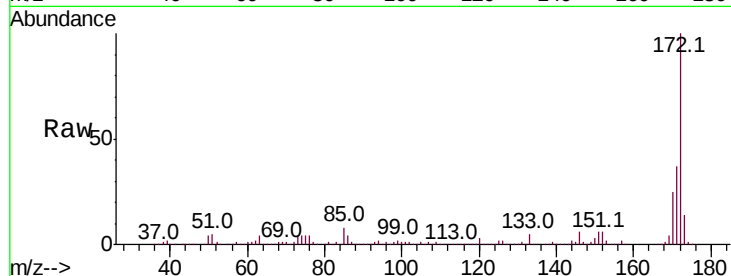


#45
 2-Fluorobiphenyl
 Concen: 83.540 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114422.D
 Acq: 19 May 2019 6:16

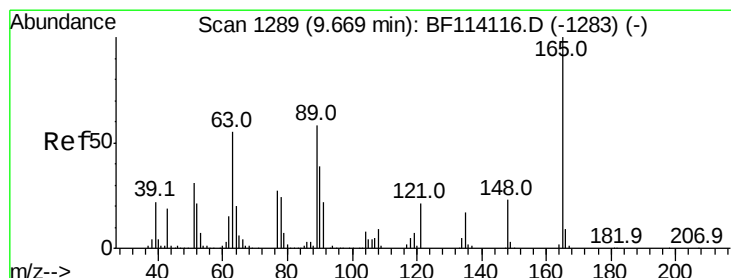
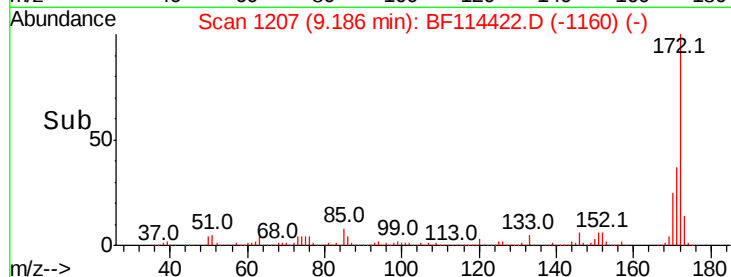
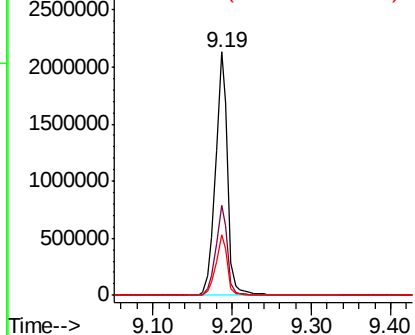
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2253895

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	25.0	20.5	30.7



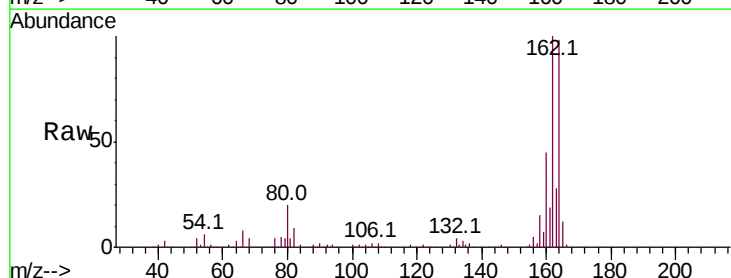
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



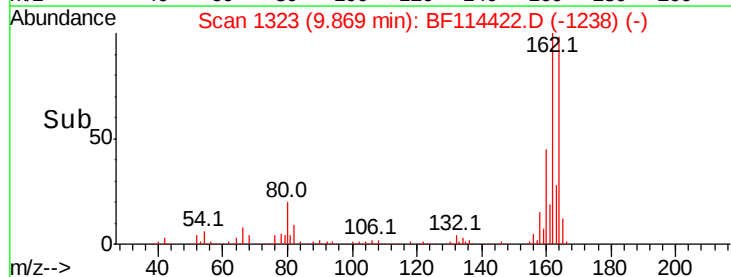
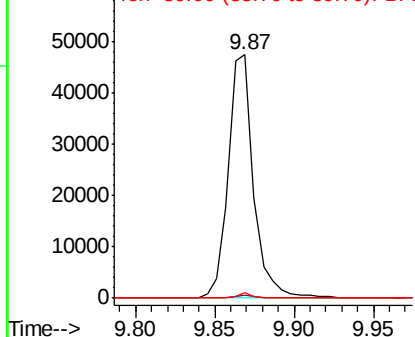
#51
 2,6-Dinitrotoluene
 Concen: 7.897 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114422.D
 Acq: 19 May 2019 6:16

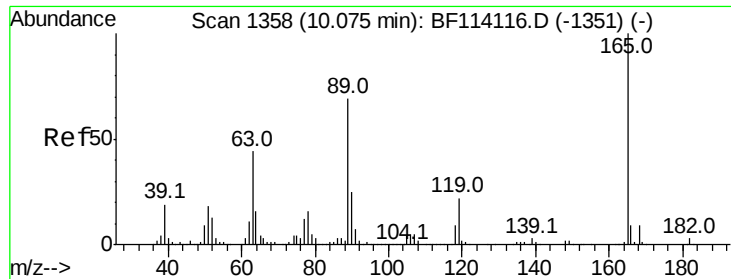
Tgt Ion:165 Resp: 52475

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	2.2	46.6	69.8#



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

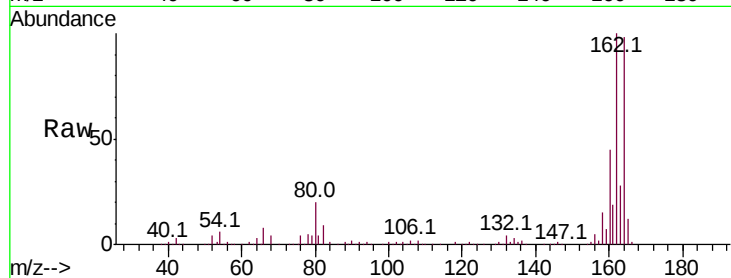




#57
 2,4-Dinitrotoluene
 Concen: 5.818 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114422.D
 Acq: 19 May 2019 6:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	2.2	55.2	82.8#
182	0.0	2.2	3.2#

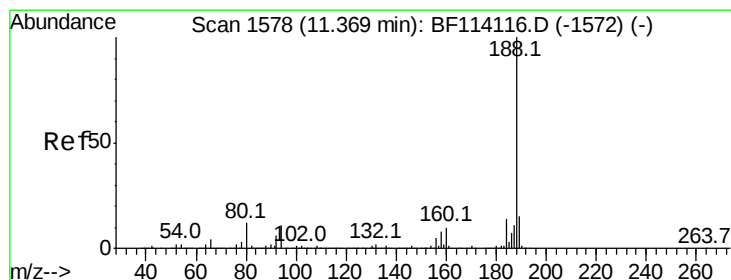
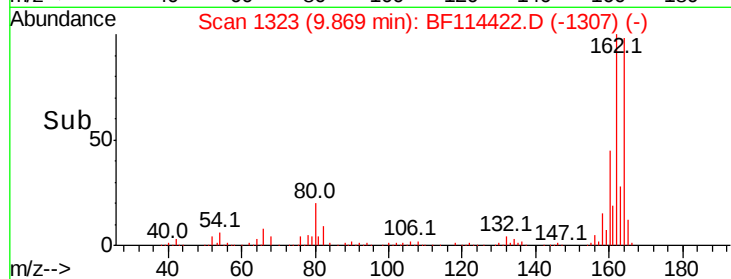
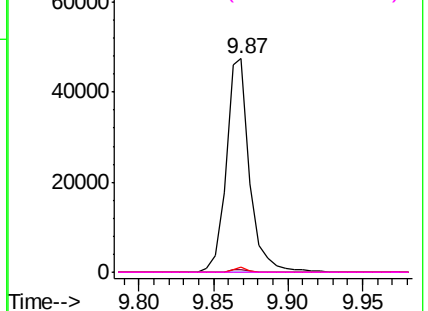


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

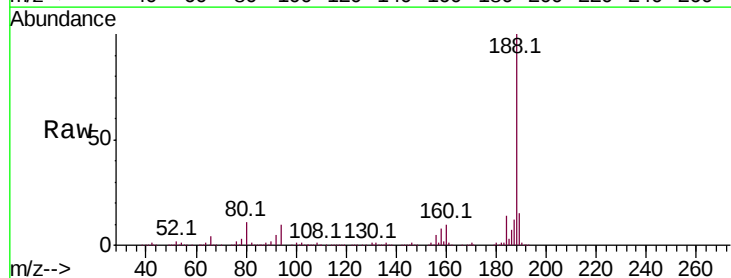
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114422.D
 Acq: 19 May 2019 6:16

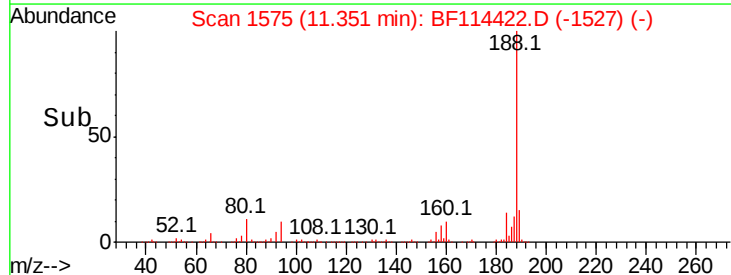
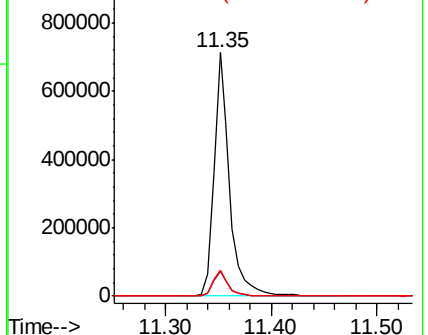
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	10.6	9.2	13.8

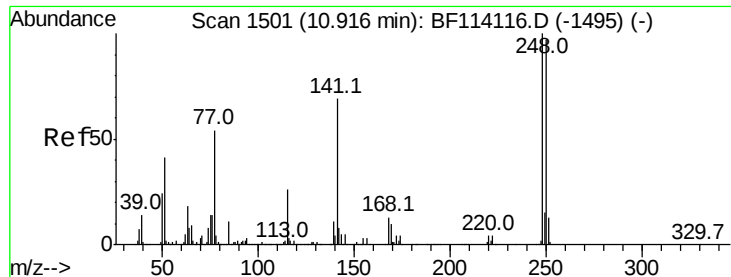


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.323 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Instrument :

BNA_F

ClientSampleId :

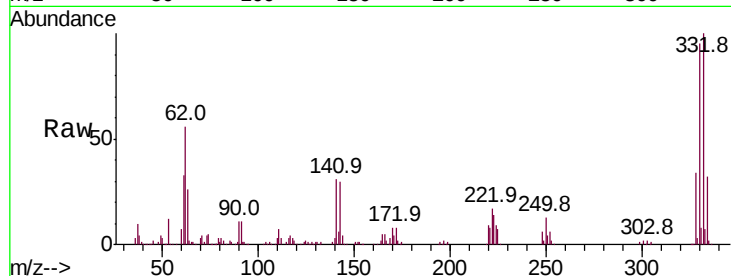
Tot Ion:248 Resp: 27036

Ion Ratio Lower Upper

248 100

250 203.6 77.4 116.2#

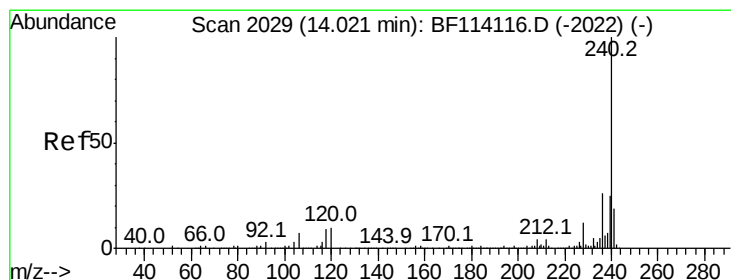
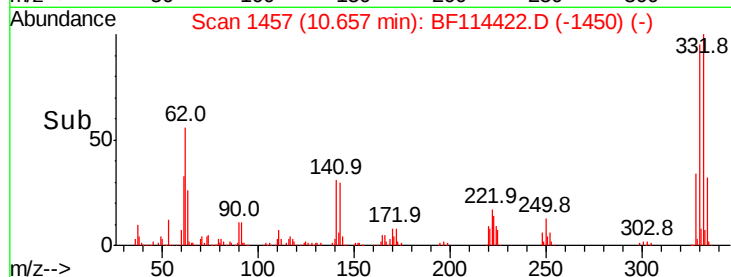
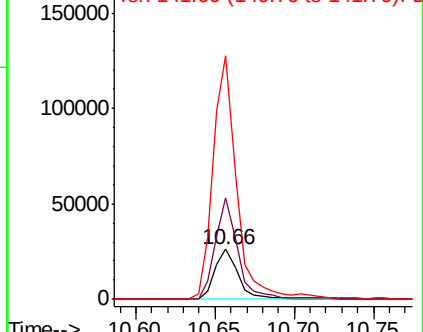
141 487.0 55.6 83.4#



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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

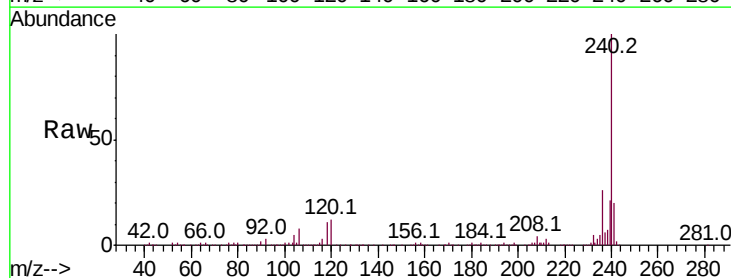
Tgt Ion:240 Resp: 475374

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

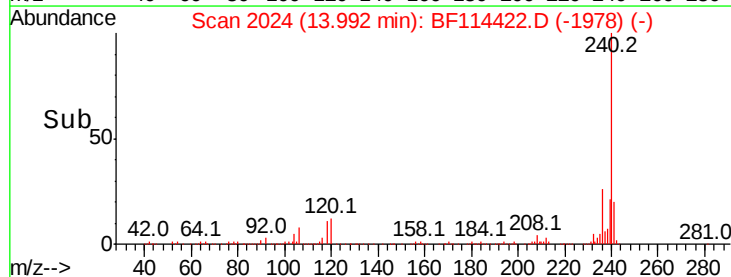
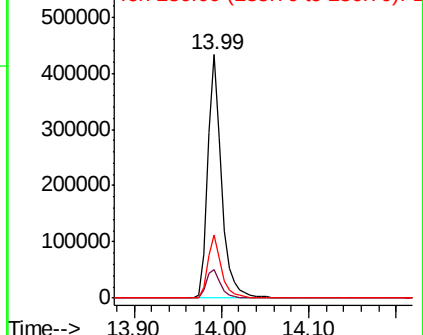
236 25.8 20.8 31.2

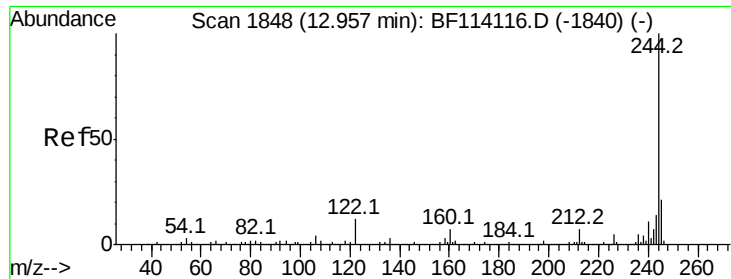


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.075 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Instrument :

BNA_F

ClientSampleId :

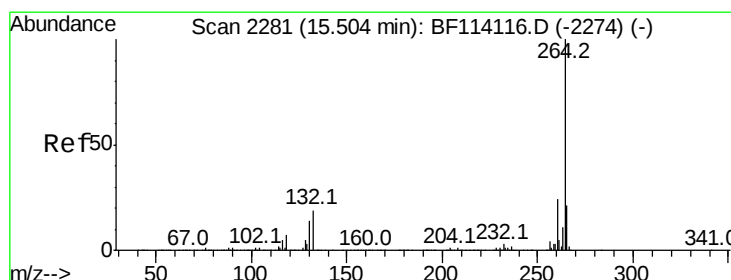
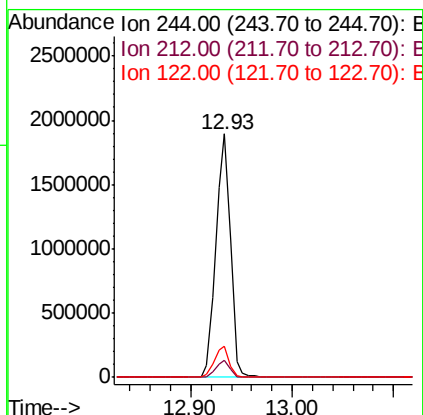
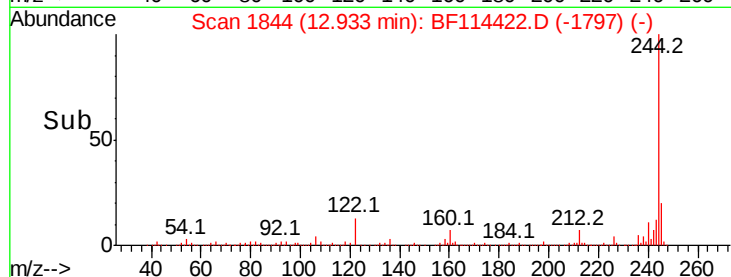
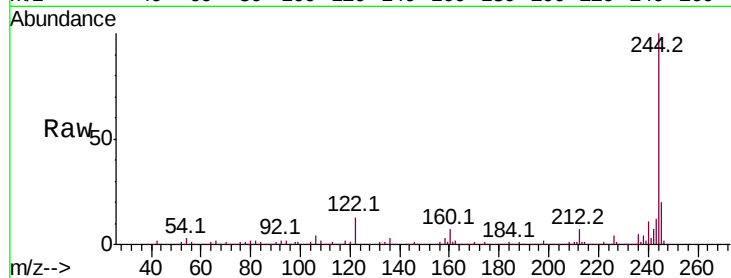
Tot Ion:244 Resp: 1892682

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 12.5 9.4 14.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114422.D

Acq: 19 May 2019 6:16

Tgt Ion:264 Resp: 490208

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 20.6 16.9 25.3

