

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114589.D
 Acq On : 25 May 2019 00:03
 Operator : JU/SJ
 Sample : K2954-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190406-COMP-CH-83

Quant Time: May 25 01:11:56 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 24 07:23:33 2019
 Response via : Initial Calibration

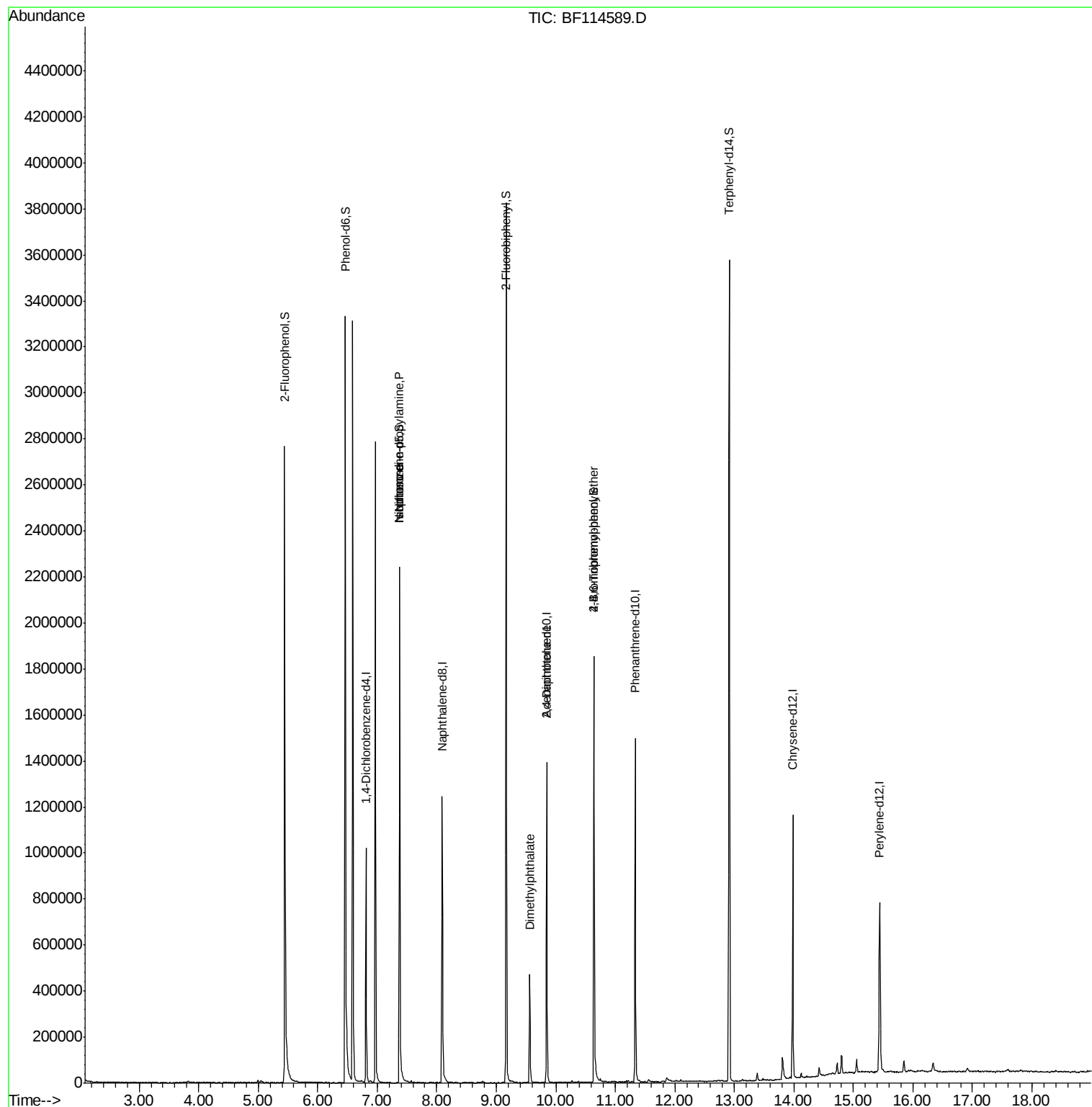
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156126	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	585082	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	277154	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	571069	20.00	ng	0.00
76) Chrysene-d12	13.98	240	394974	20.00	ng	0.00
87) Perylene-d12	15.44	264	375211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	899962	92.76	ng	0.00
7) Phenol-d6	6.46	99	1164079	101.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	696310	66.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	237411	82.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1189948	64.95	ng	0.00
79) Terphenyl-d14	12.92	244	1207896	63.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	90734	12.475	ng	Qvalue # 75
25) Isophorone	7.37	82	696306	36.012	ng	# 64
50) Dimethylphthalate	9.56	163	193129	9.492	ng	100
57) 2,4-Dinitrotoluene	9.85	165	35496	5.795	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	15891	2.527	ng	# 1

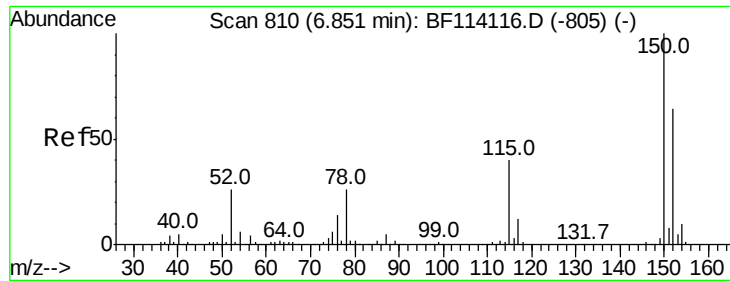
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
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BNA_F
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20190406-COMP-CH-83

Quant Time: May 25 01:11:56 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 24 07:23:33 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Instrument :

BNA_F

ClientSampleId :

20190406-COMP-CH-83

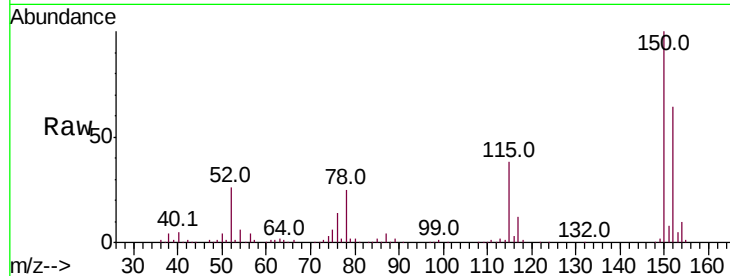
Tot Ion:152 Resp: 156126

Ion Ratio Lower Upper

152 100

150 156.6 124.3 186.5

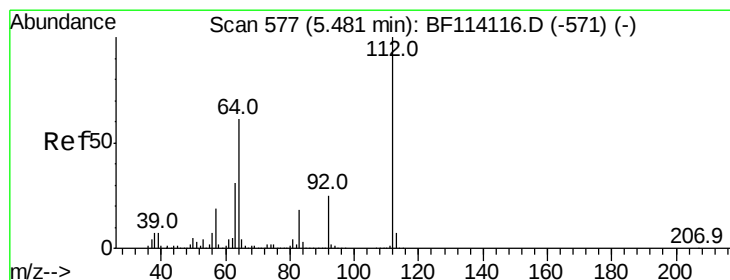
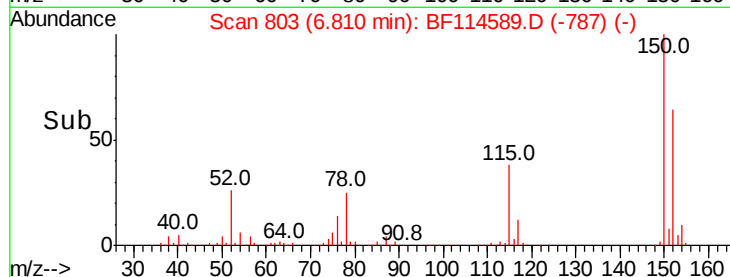
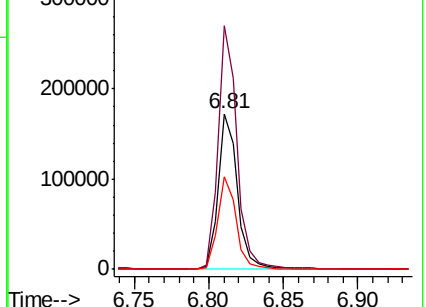
115 59.2 49.1 73.7



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: 92.763 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

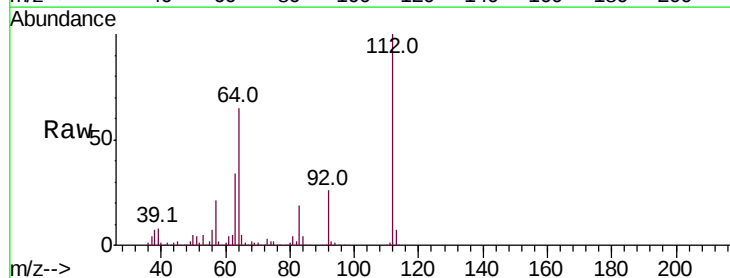
Tgt Ion:112 Resp: 899962

Ion Ratio Lower Upper

112 100

64 64.6 49.0 73.6

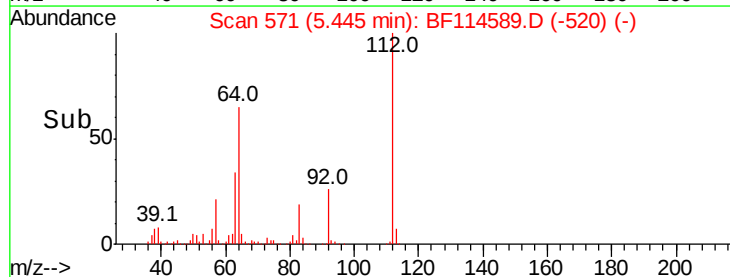
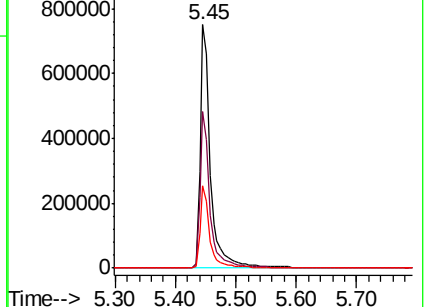
63 33.9 24.6 37.0



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: 101.449 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Instrument :

BNA_F

ClientSampleId :

20190406-COMP-CH-83

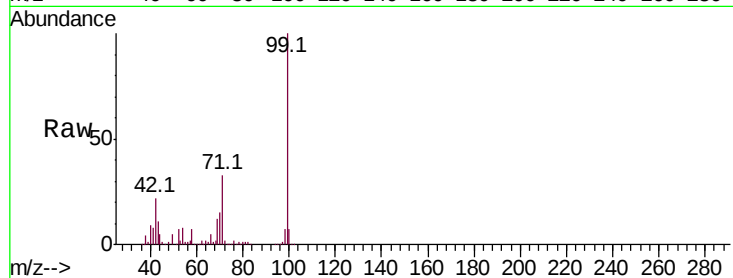
Tot Ion: 99 Resp: 1164079

Ion Ratio Lower Upper

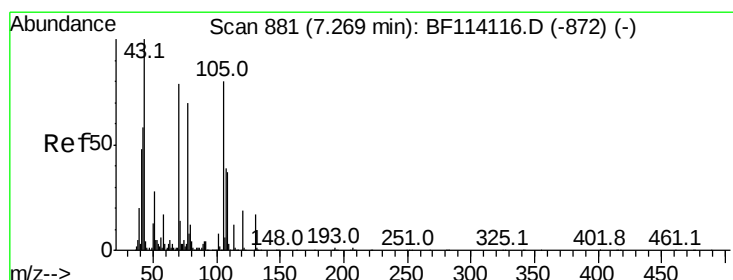
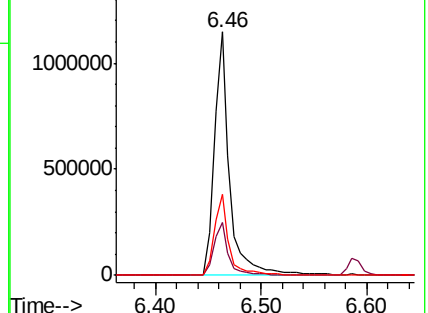
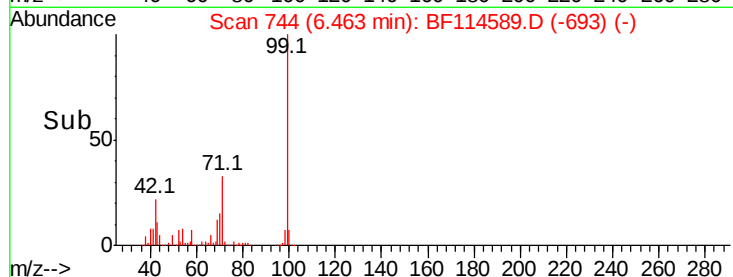
99 100

42 21.9 17.9 26.9

71 33.4 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: 12.475 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Tgt Ion: 70 Resp: 90734

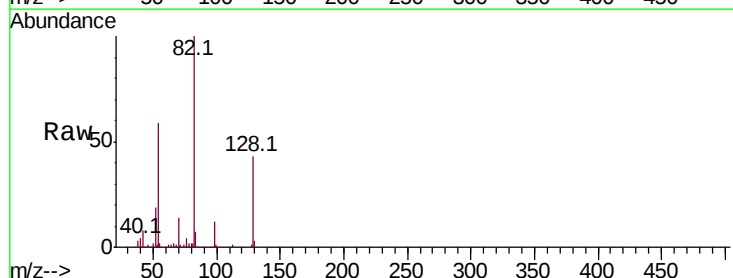
Ion Ratio Lower Upper

70 100

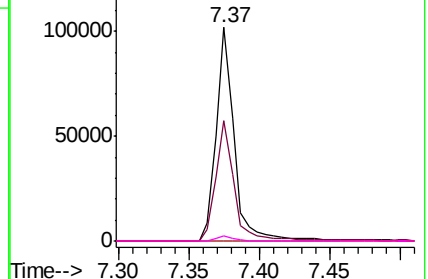
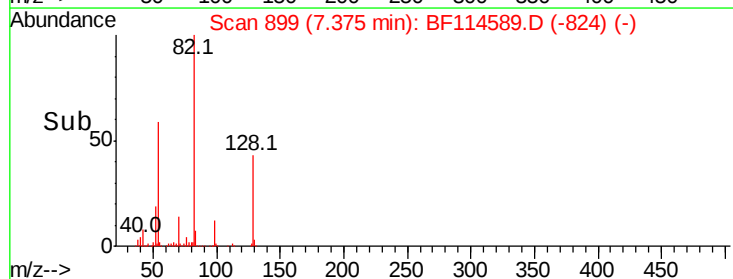
42 56.2 58.6 87.8#

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Instrument :

BNA_F

ClientSampleId :

20190406-COMP-CH-83

Tot Ion:136 Resp: 585082

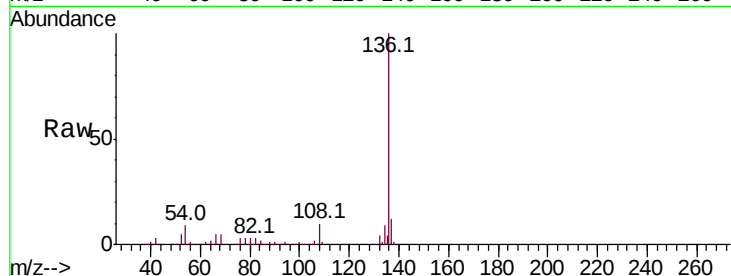
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.1 7.8 11.8

68 5.5 5.1 7.7

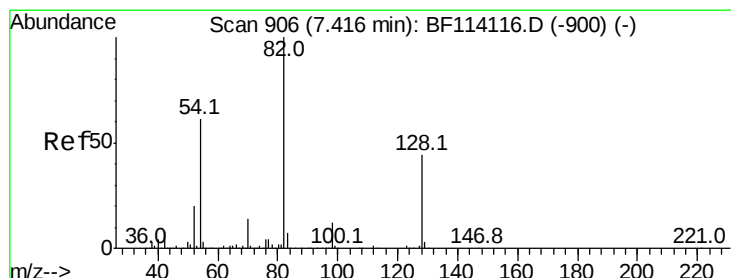
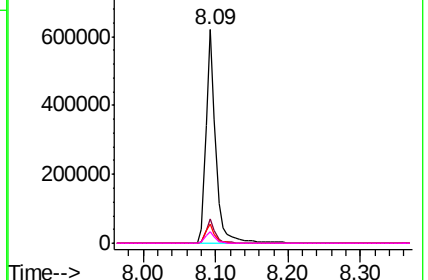
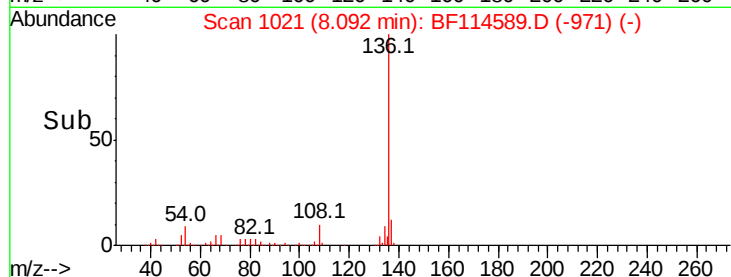


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.789 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

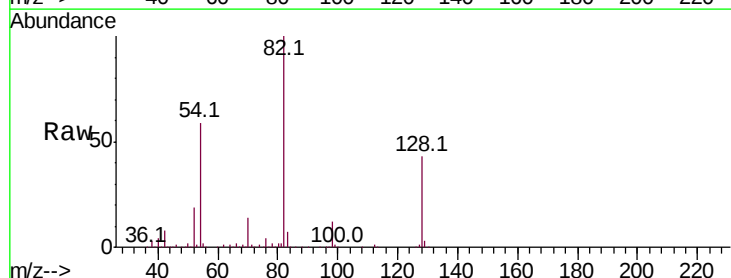
Tgt Ion: 82 Resp: 696310

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

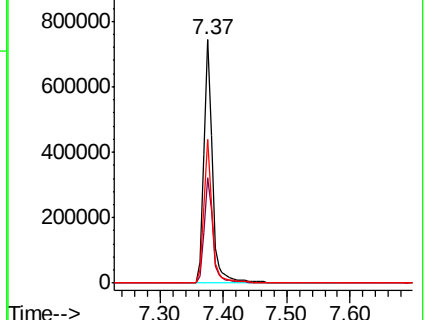
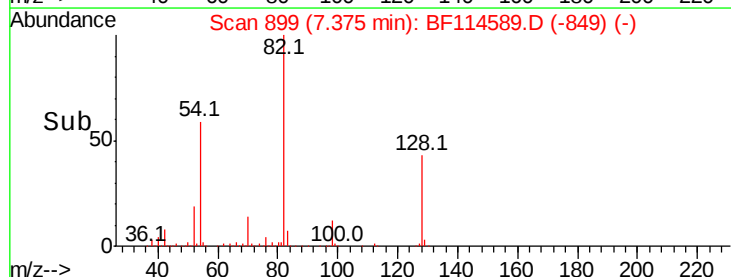
54 59.0 48.5 72.7



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: 36.012 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Instrument :

BNA_F

ClientSampleId :

20190406-COMP-CH-83

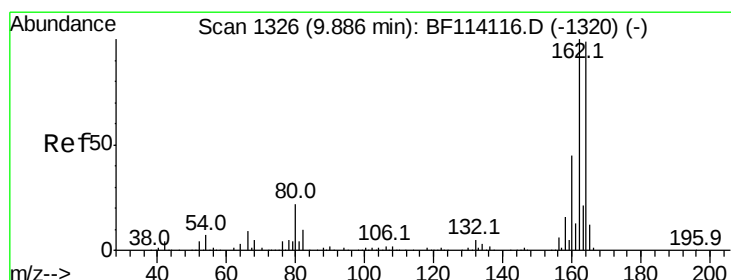
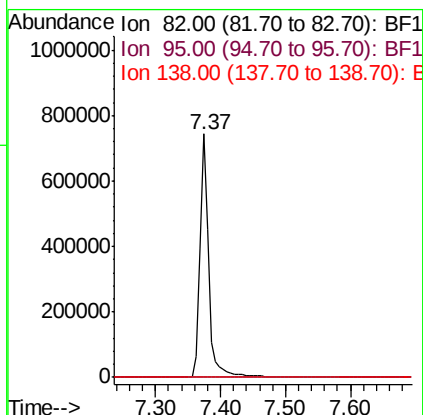
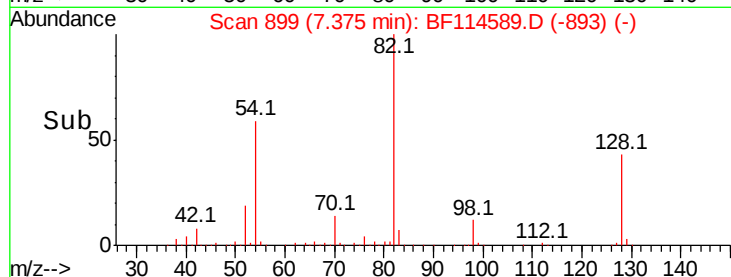
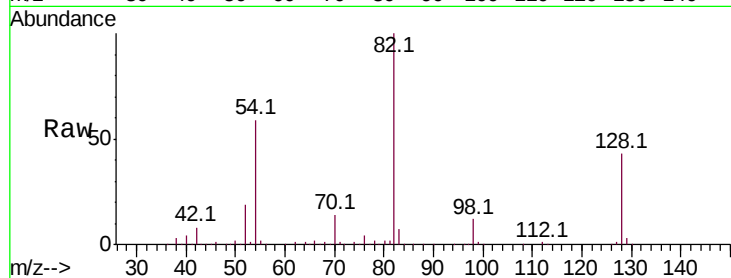
Tot Ion: 82 Resp: 696306

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

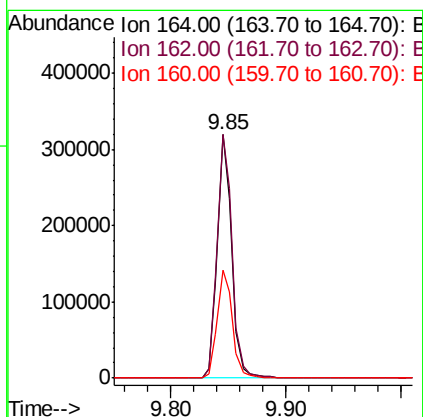
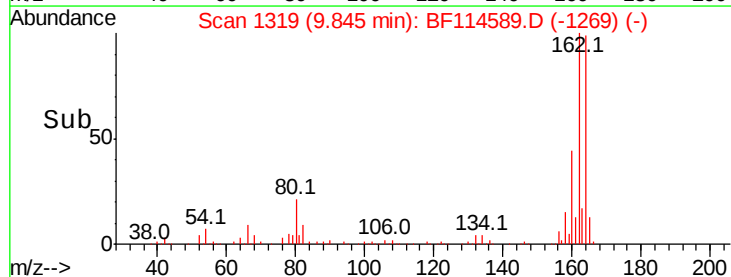
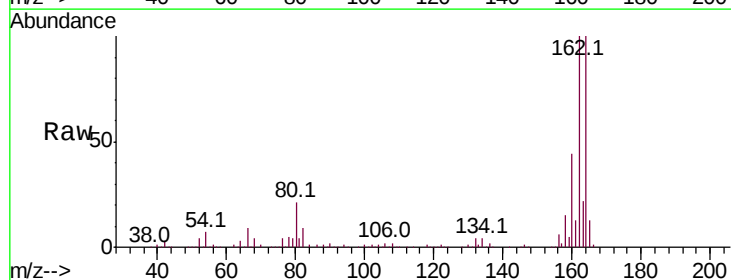
Tgt Ion: 164 Resp: 277154

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

160 44.1 36.5 54.7

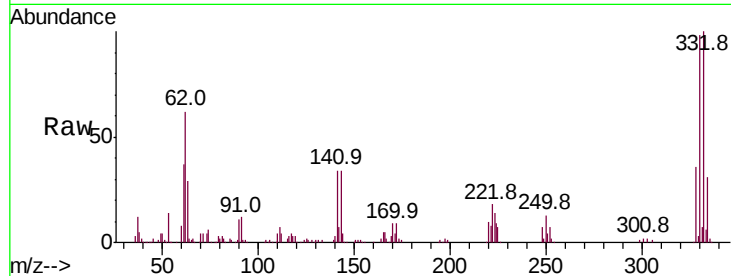




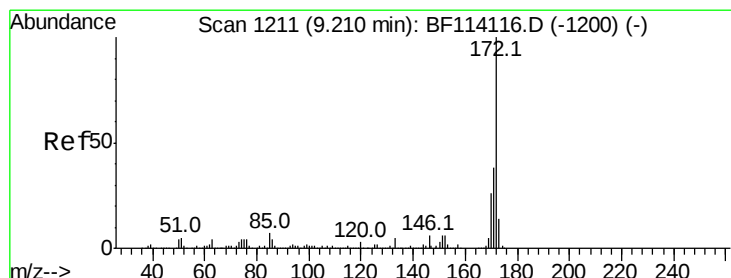
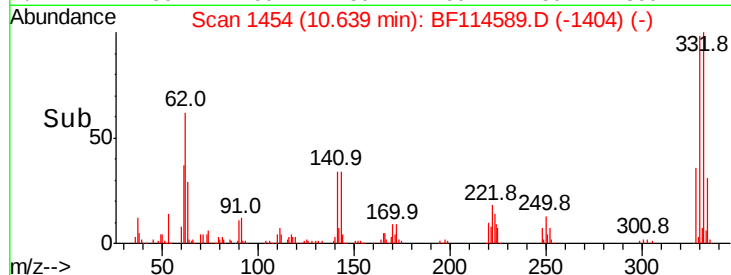
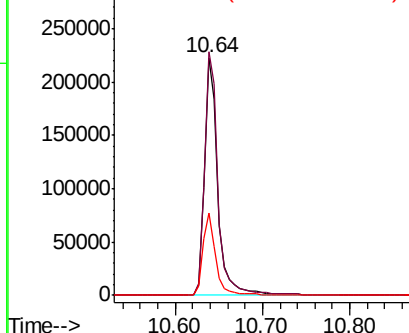
#42
 2,4,6-Tribromophenol
 Concen: 82.857 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF114589.D
 Acq: 25 May 2019 00:03

Instrument :
 BNA_F
 ClientSampleId :
 20190406-COMP-CH-83

Tot Ion:330 Resp: 237411
 Ion Ratio Lower Upper
 330 100
 332 103.2 81.4 122.2
 141 33.7 26.6 40.0

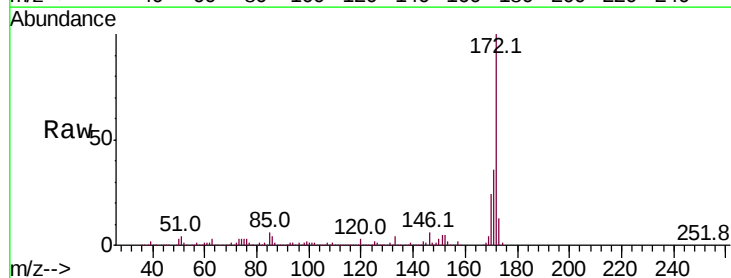


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

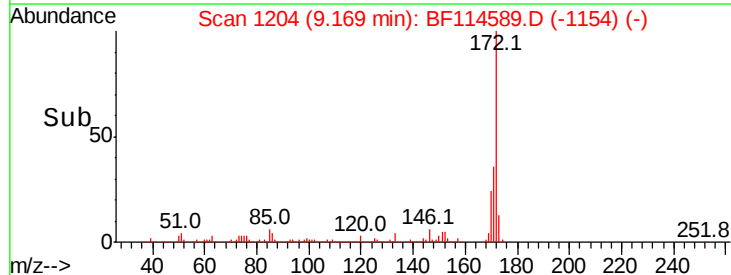
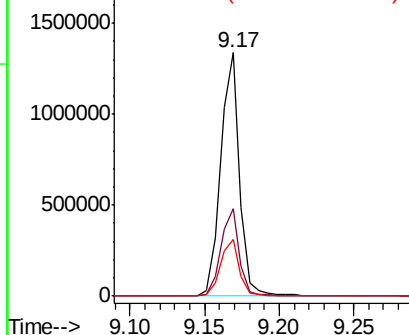


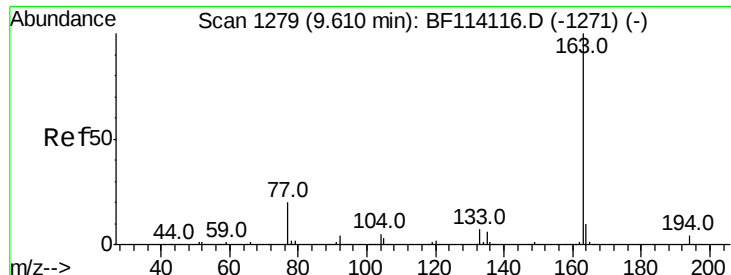
#45
 2-Fluorobiphenyl
 Concen: 64.946 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114589.D
 Acq: 25 May 2019 00:03

Tgt Ion:172 Resp: 1189948
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 23.5 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

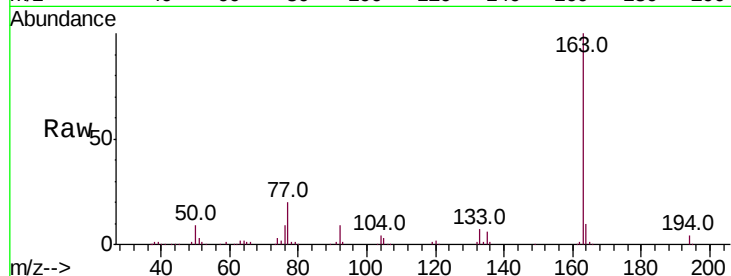




#50
Dimethylphthalate
Concen: 9.492 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114589.D
Acq: 25 May 2019 00:03

Instrument :
BNA_F
ClientSampleId :
20190406-COMP-CH-83

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.2	12.2

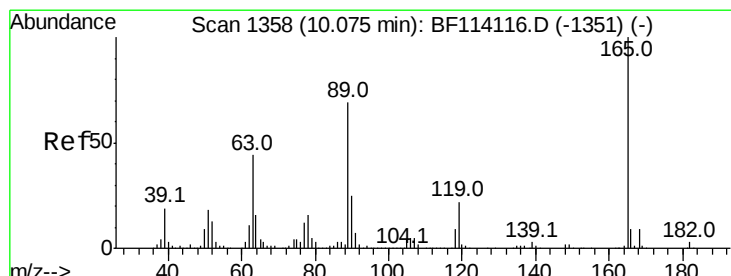
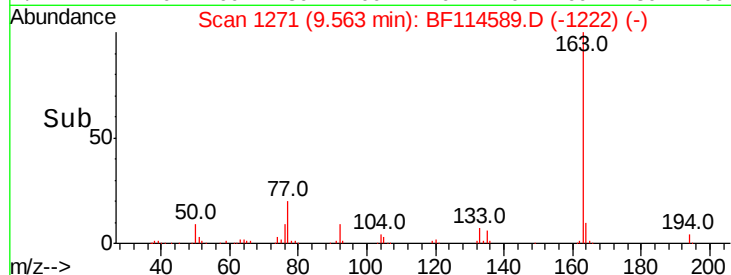
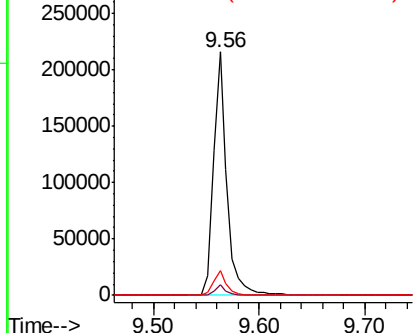


Abundance

Ion 163.00 (162.70 to 163.70): E

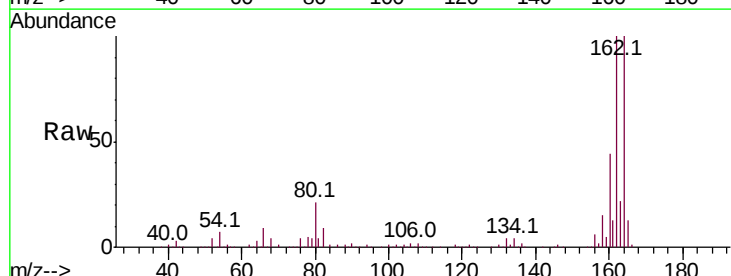
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114589.D
Acq: 25 May 2019 00:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	1.6	55.2	82.8#
182	0.0	2.2	3.2#



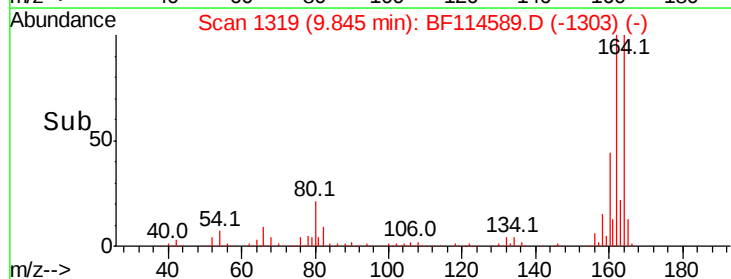
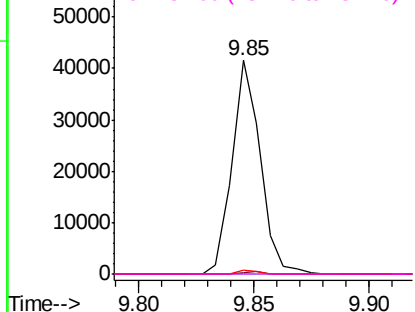
Abundance

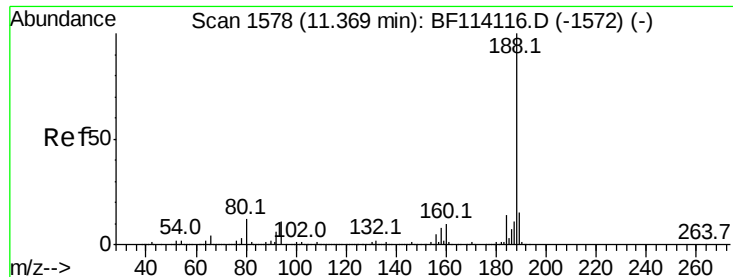
Ion 165.00 (164.70 to 165.70): E

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

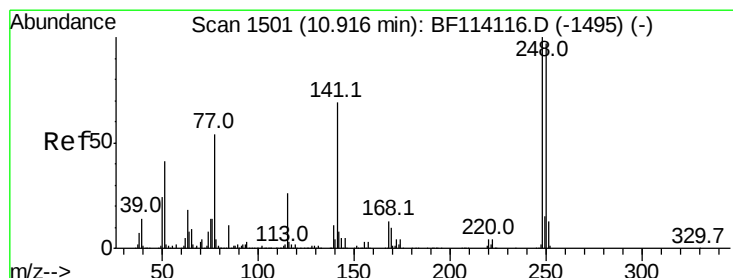
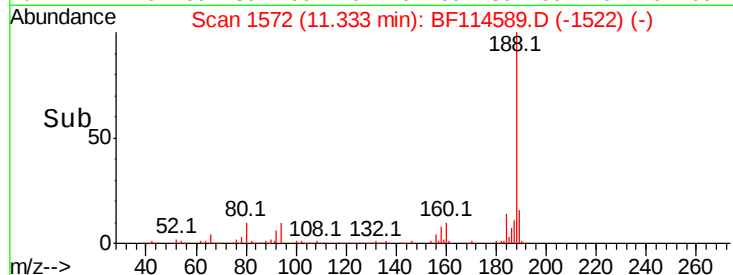
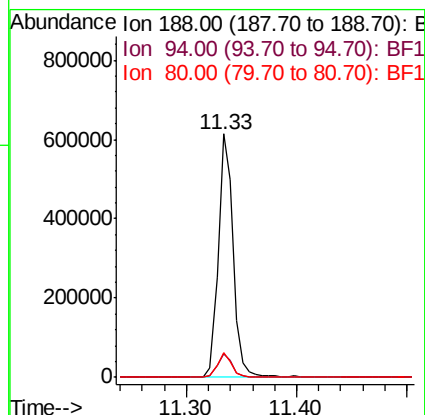
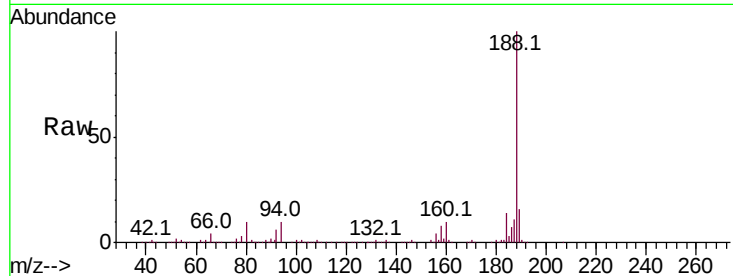




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114589.D
Acq: 25 May 2019 00:03

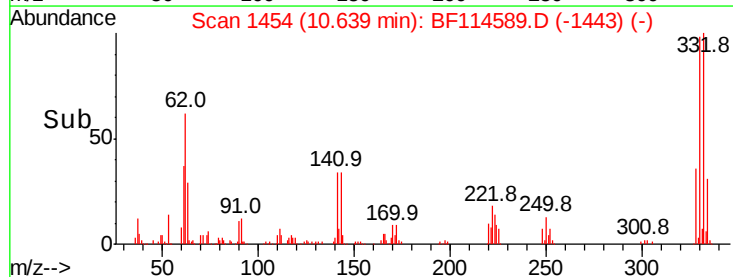
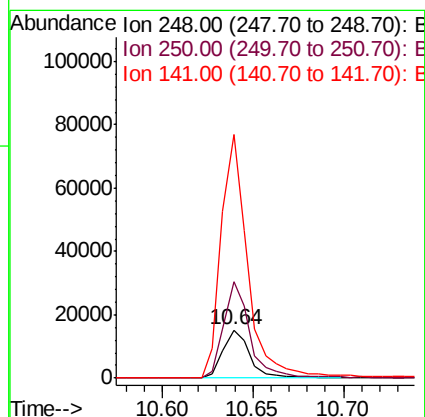
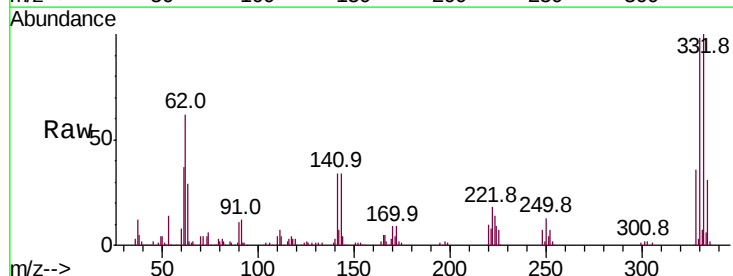
Instrument :
BNA_F
ClientSampleId :
20190406-COMP-CH-83

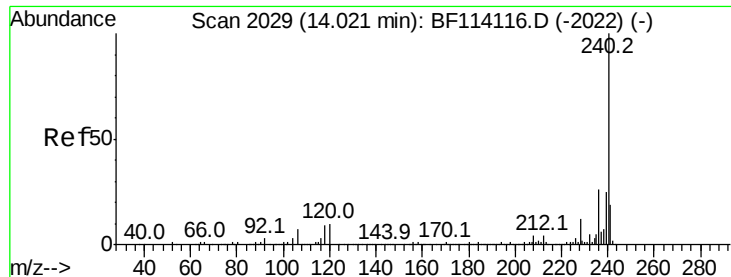
Tot Ion:188 Resp: 571069
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.4 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.527 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114589.D
Acq: 25 May 2019 00:03

Tgt Ion:248 Resp: 15891
Ion Ratio Lower Upper
248 100
250 199.1 77.4 116.2#
141 505.4 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

Instrument :

BNA_F

ClientSampleId :

20190406-COMP-CH-83

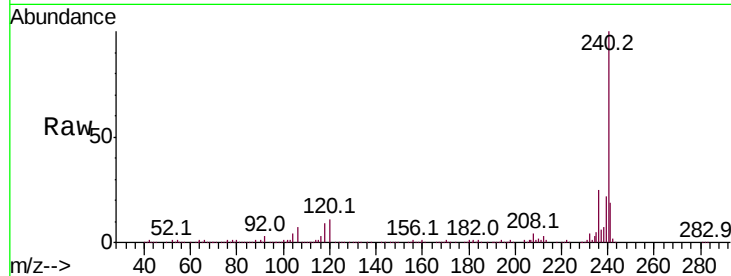
Tot Ion:240 Resp: 394974

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

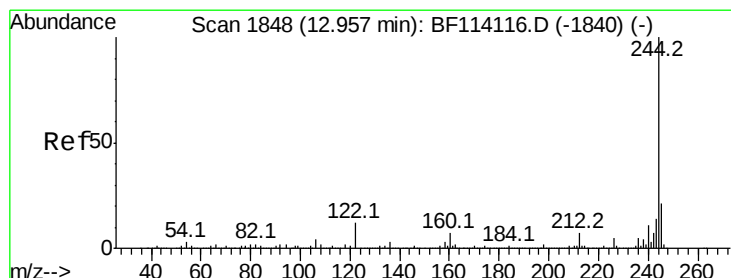
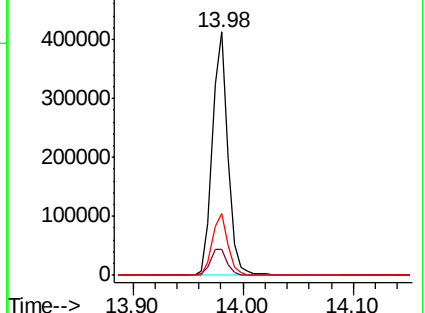
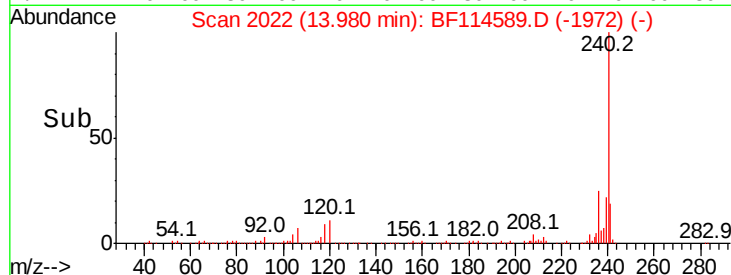
236 25.2 20.8 31.2



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: 63.042 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF114589.D

Acq: 25 May 2019 00:03

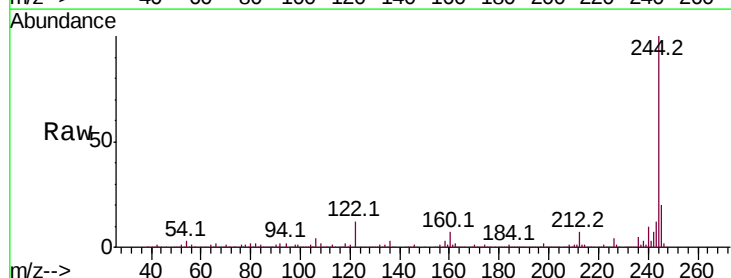
Tgt Ion:244 Resp: 1207896

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

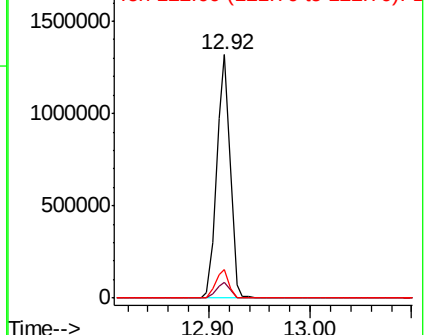
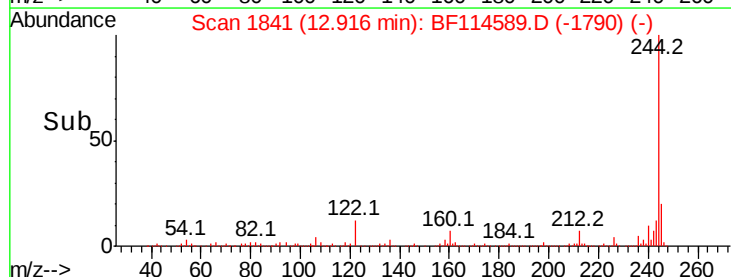
122 12.0 9.4 14.2

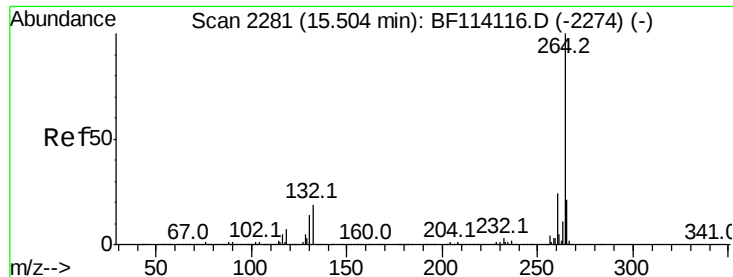


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114589.D
Acq: 25 May 2019 00:03

Instrument :
BNA_F
ClientSampleId :
20190406-COMP-CH-83

Tot Ion: 264 Resp: 375211

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.1	16.9	25.3

