

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114567.D
 Acq On : 24 May 2019 13:56
 Operator : JU/SJ
 Sample : K2838-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-DUP-051419

Quant Time: May 24 22:34:14 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

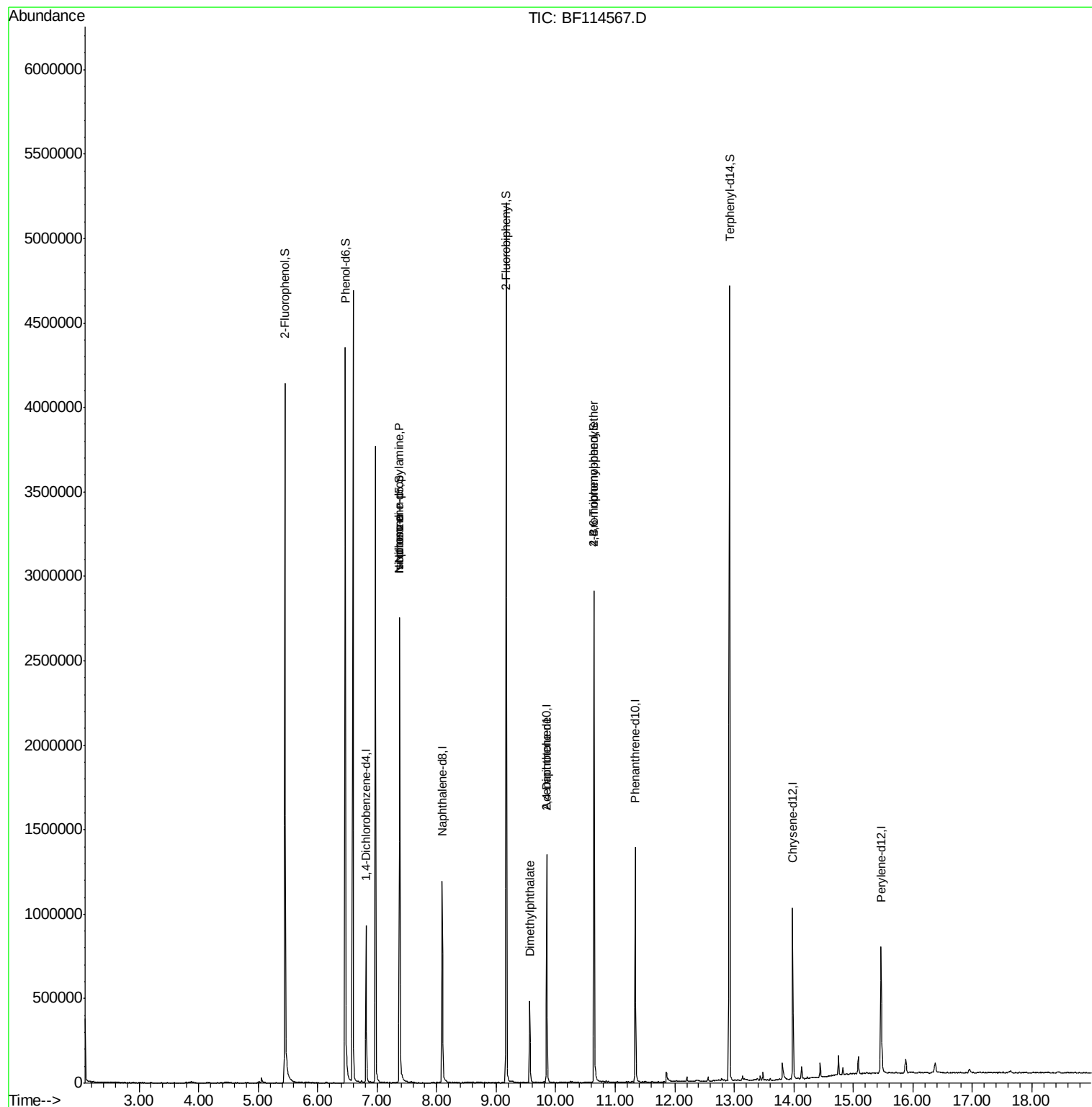
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152745	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575318	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	274400	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	563702	20.00	ng	0.00
76) Chrysene-d12	13.99	240	372985	20.00	ng	0.00
87) Perylene-d12	15.46	264	363874	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1229646	129.55	ng	0.00
7) Phenol-d6	6.46	99	1611159	143.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	981586	95.75	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	384900	135.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1625086	89.58	ng	0.00
79) Terphenyl-d14	12.92	244	1670307	92.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	130315	18.314	ng	# 78
25) Isophorone	7.37	82	981575	51.628	ng	# 64
50) Dimethylphthalate	9.56	163	192476	9.555	ng	99
57) 2,4-Dinitrotoluene	9.85	165	34360	5.666	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	25048	4.036	ng	# 1

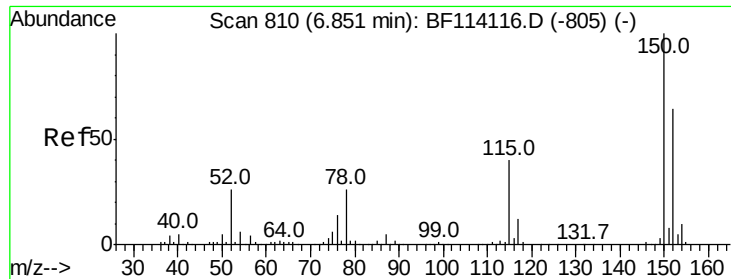
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



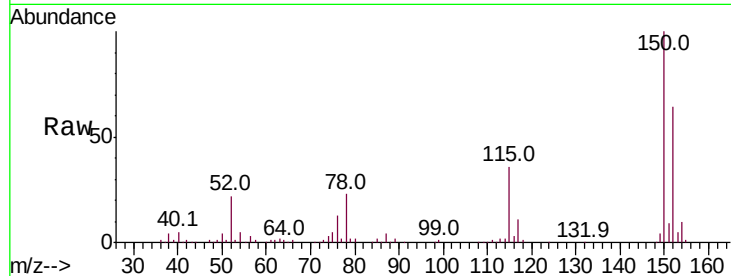


#1

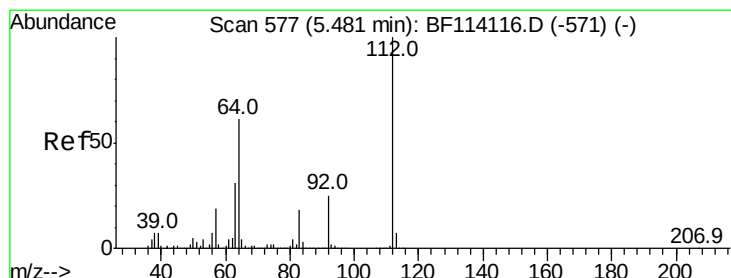
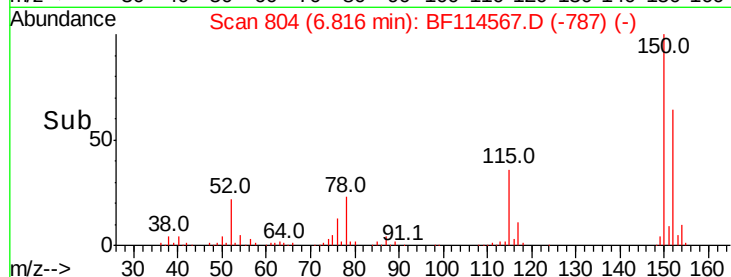
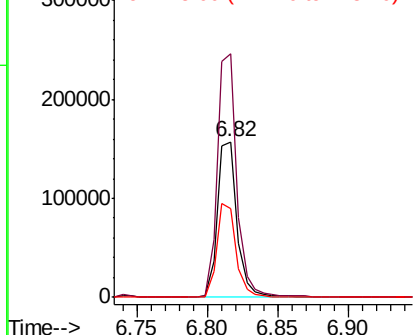
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Instrument :
BNA_F
ClientSampleId :
FEQC-DUP-051419

Tot Ion:152 Resp: 152745
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 56.8 49.1 73.7



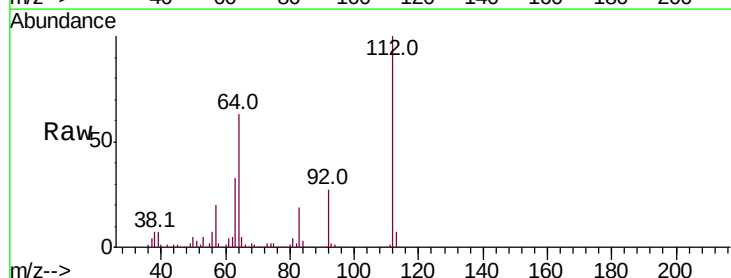
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



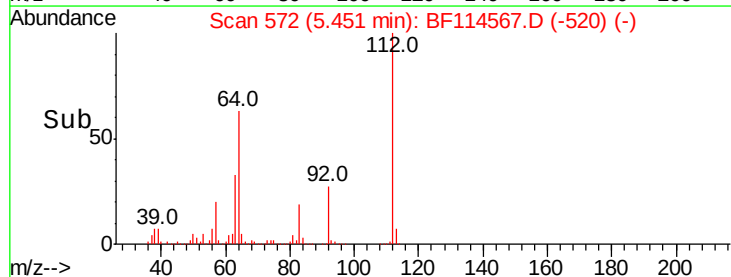
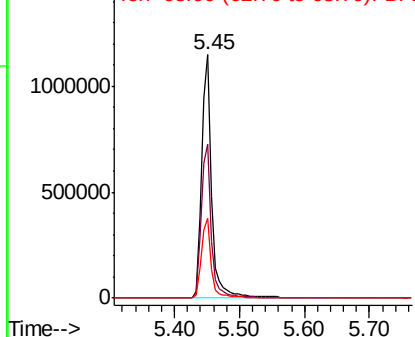
#5

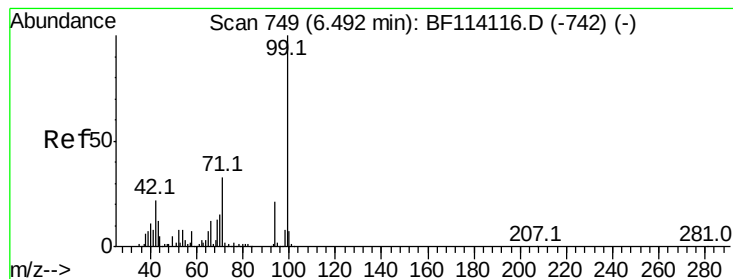
2-Fluorophenol
Concen: 129.551 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Tgt Ion:112 Resp: 1229646
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.6
63 32.7 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: 143.520 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF114567.D

Acq: 24 May 2019 13:56

Instrument :

BNA_F

ClientSampleId :

FEQC-DUP-051419

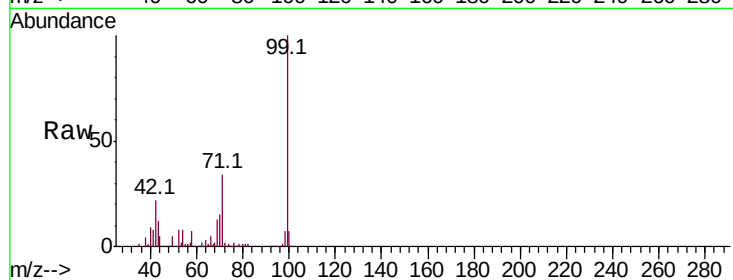
Tot Ion: 99 Resp: 1611159

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

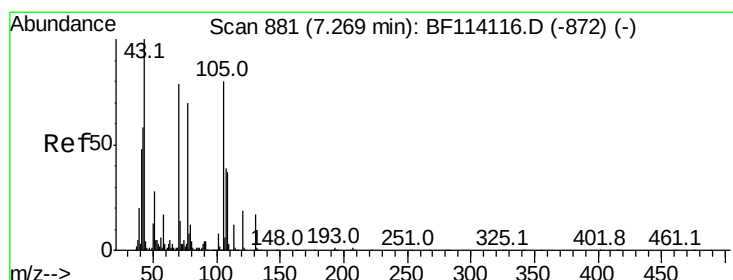
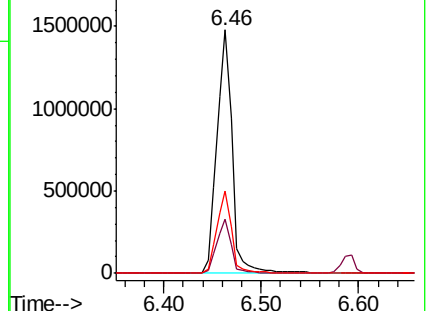
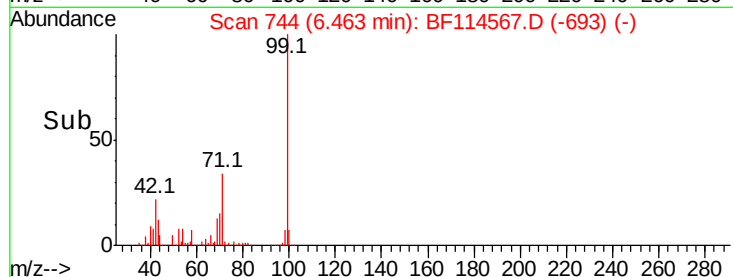
71 33.7 26.2 39.2



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: 18.314 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114567.D

Acq: 24 May 2019 13:56

Tgt Ion: 70 Resp: 130315

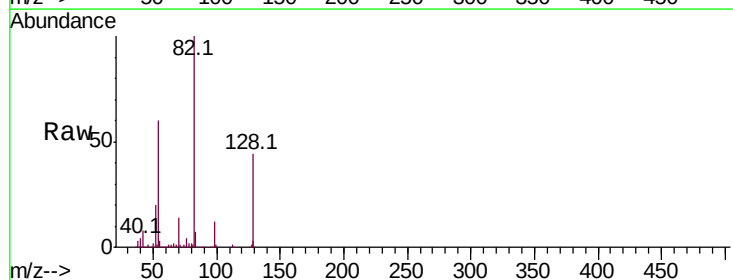
Ion Ratio Lower Upper

70 100

42 59.5 58.6 87.8

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

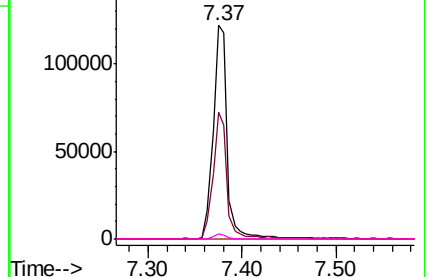
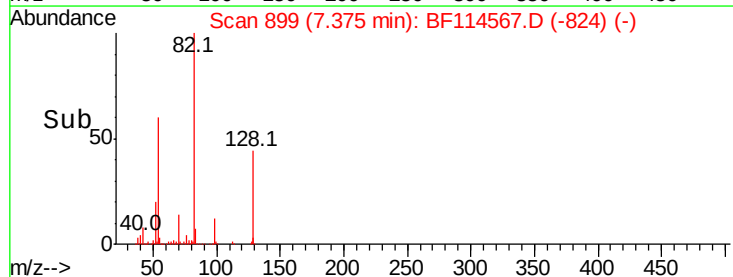


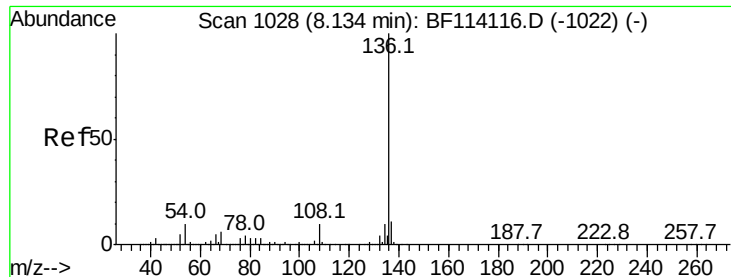
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

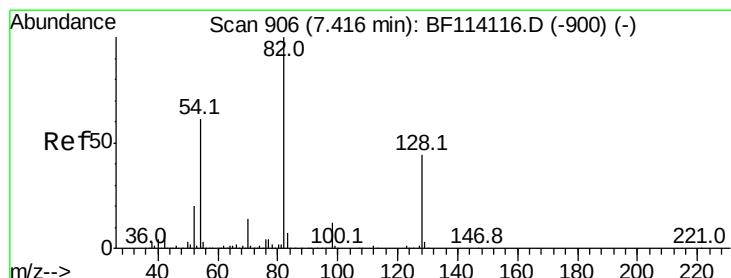
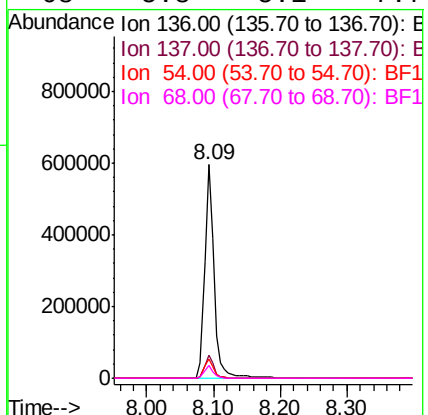
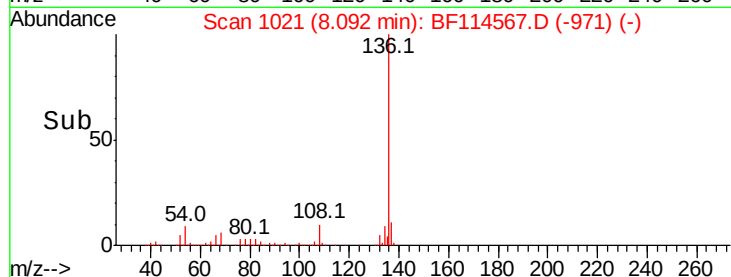
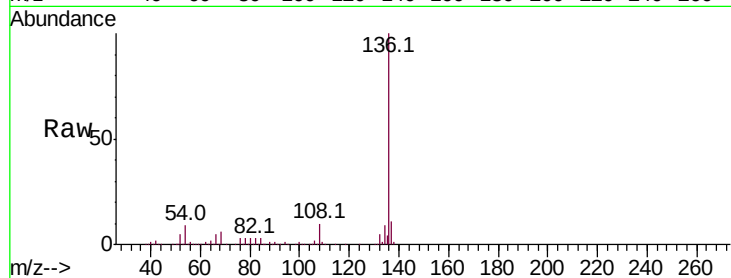




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

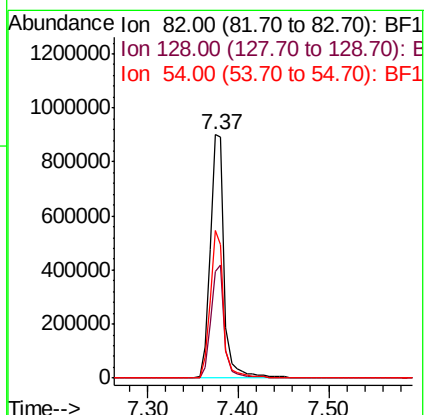
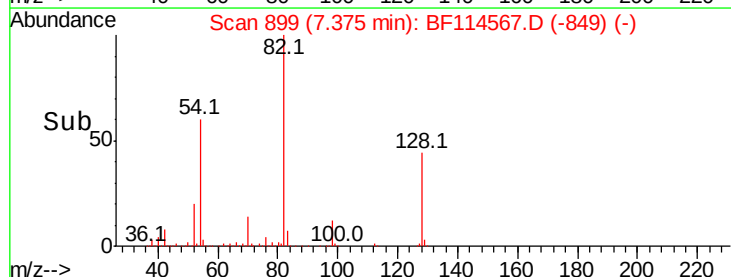
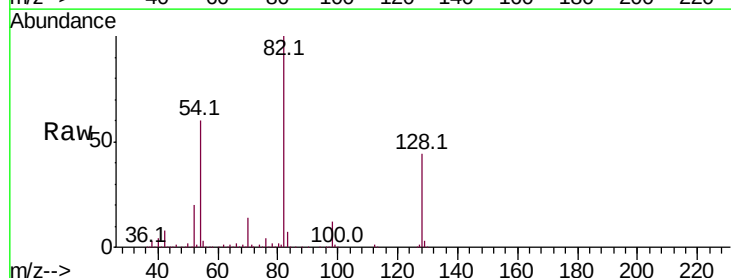
Instrument :
BNA_F
ClientSampleId :
FEQC-DUP-051419

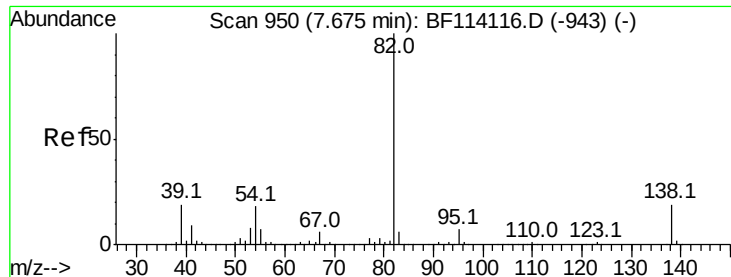
Tot Ion:136	Resp:	575318
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	9.1	7.8 11.8
68	5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 95.750 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Tgt Ion: 82	Resp:	981586
Ion	Ratio	Lower Upper
82	100	
128	43.8	35.5 53.3
54	60.5	48.5 72.7





#25

Isophorone

Concen: 51.628 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114567.D

Acq: 24 May 2019 13:56

Instrument :

BNA_F

ClientSampleId :

FEQC-DUP-051419

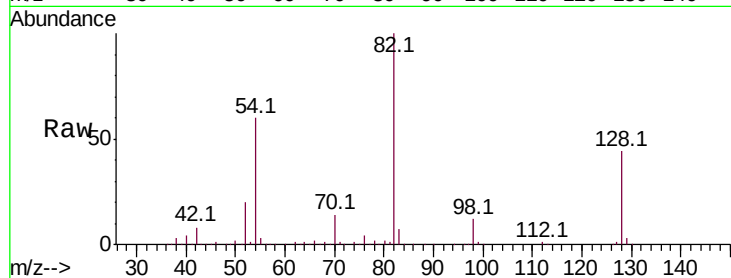
Tot Ion: 82 Resp: 981575

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

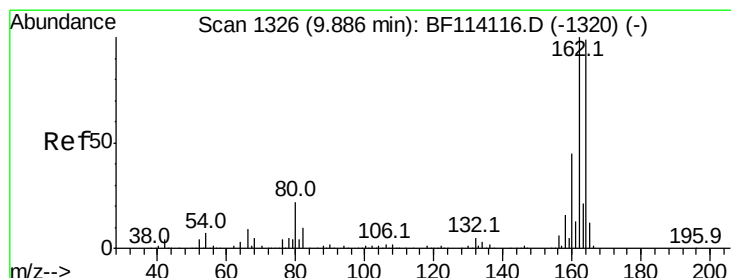
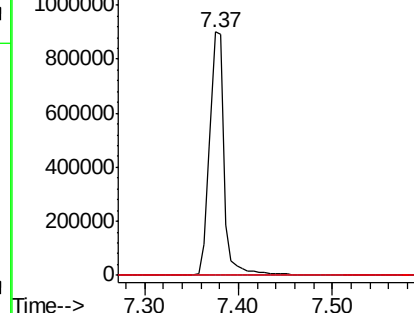
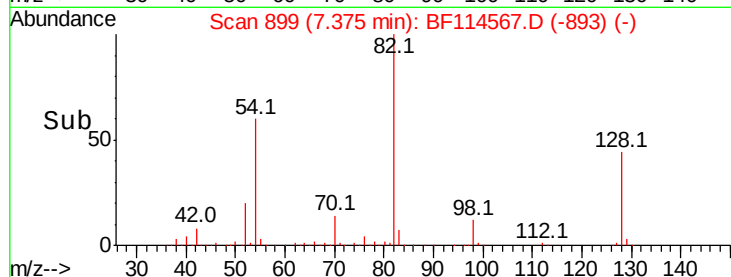
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114567.D

Acq: 24 May 2019 13:56

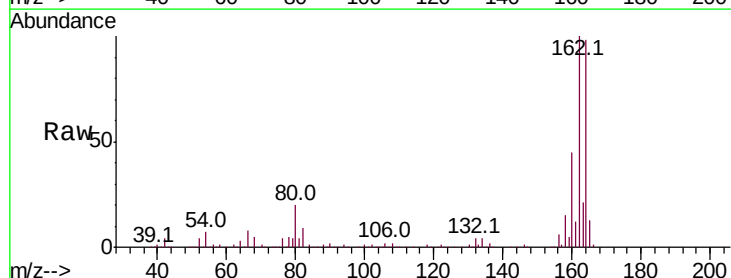
Tgt Ion:164 Resp: 274400

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

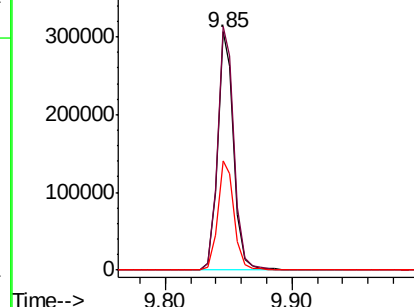
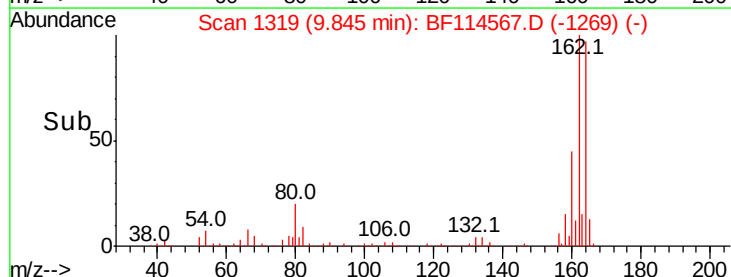
160 45.6 36.5 54.7

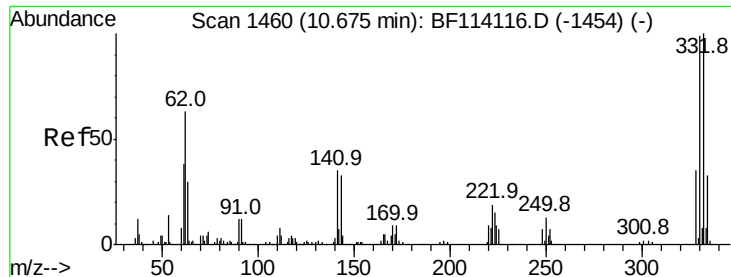


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

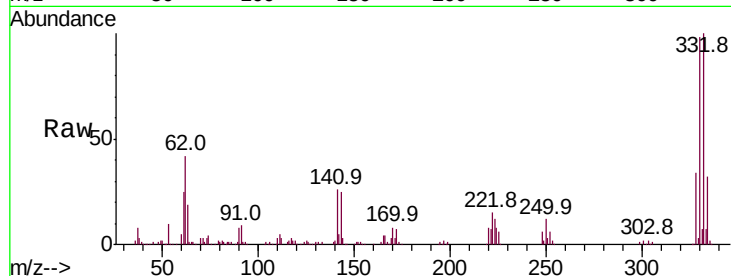




#42
 2,4,6-Tribromophenol
 Concen: 135.679 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-DUP-051419

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	33.1	26.6	40.0

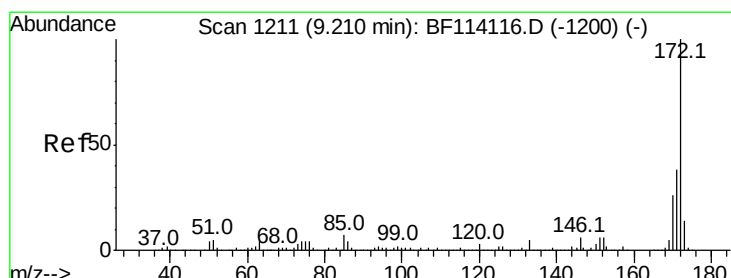
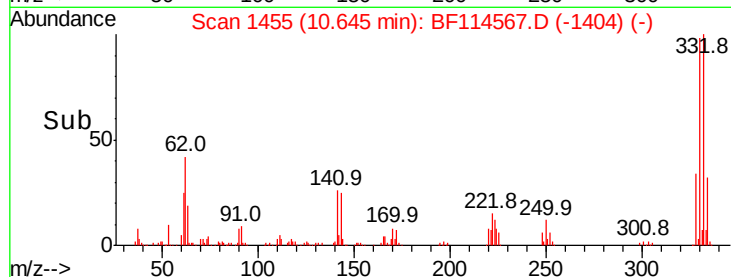
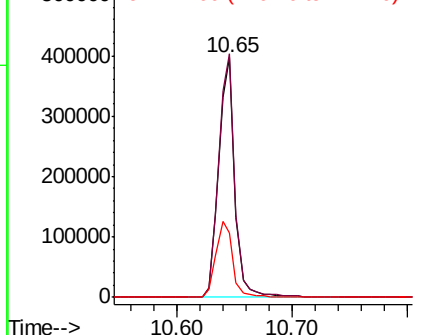


Abundance

Ion 329.80 (329.50 to 330.50): E

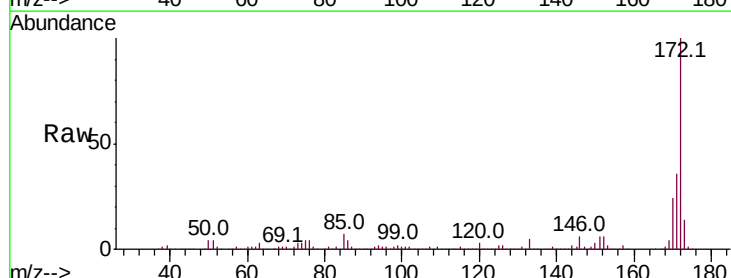
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.585 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.4	20.5	30.7

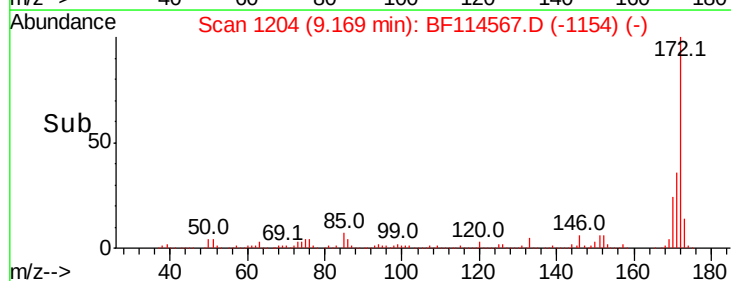
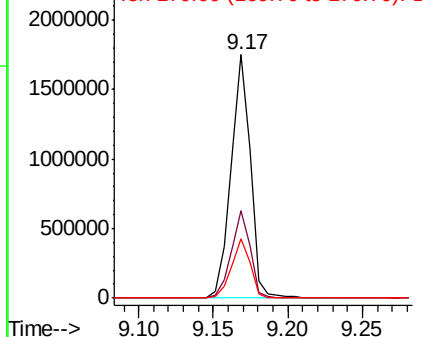


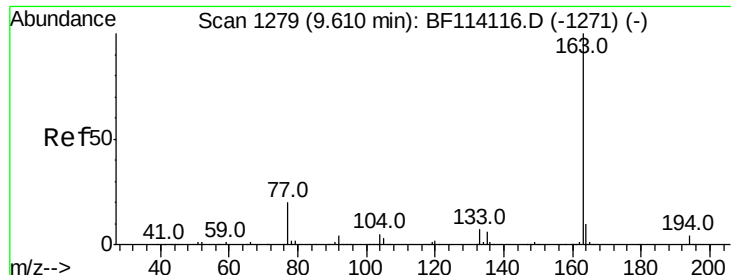
Abundance

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

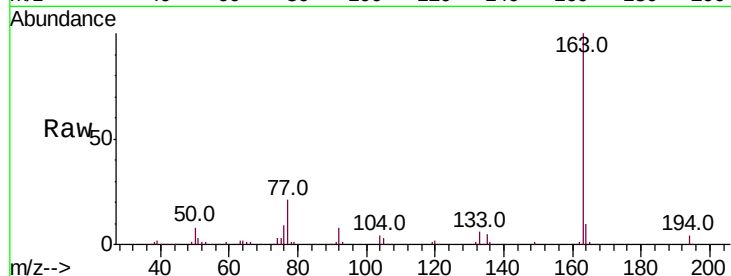




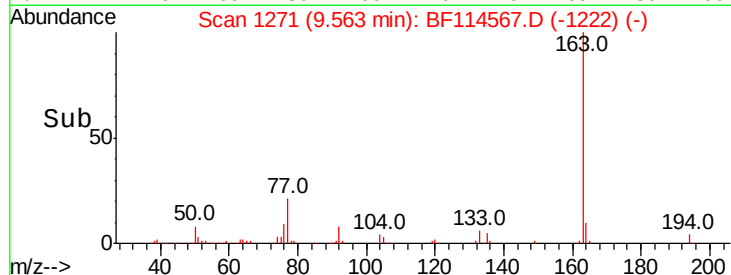
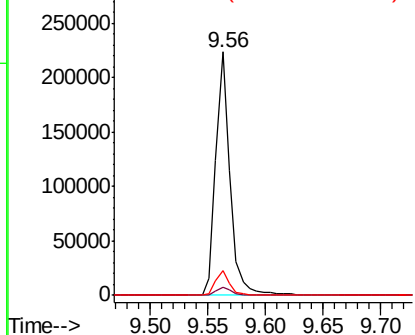
#50
Dimethylphthalate
Concen: 9.555 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Instrument :
BNA_F
ClientSampleId :
FEQC-DUP-051419

Tot Ion:163 Resp: 192476
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 10.3 8.2 12.2

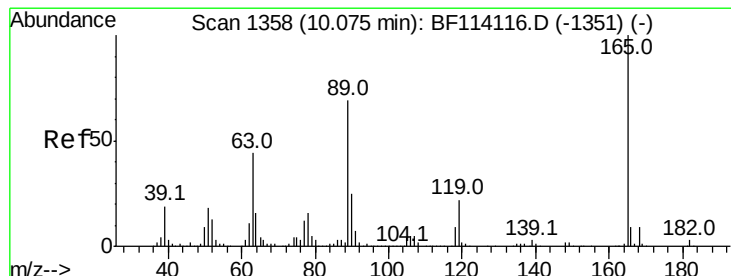


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

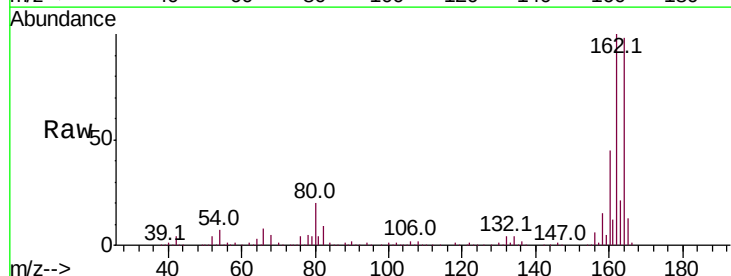
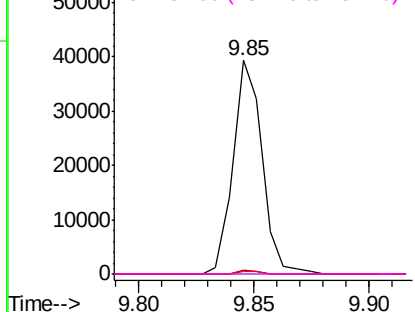


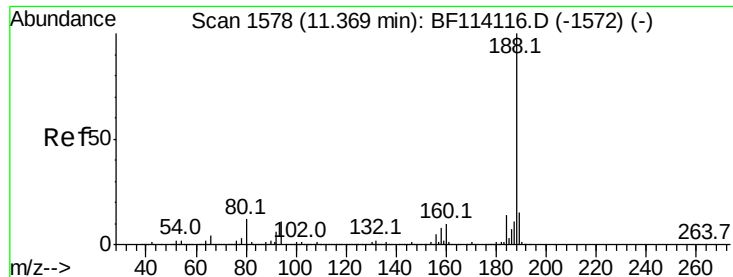
#57
2,4-Dinitrotoluene
Concen: 5.666 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Tgt Ion:165 Resp: 34360
Ion Ratio Lower Upper
165 100
63 1.5 35.5 53.3#
89 1.4 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

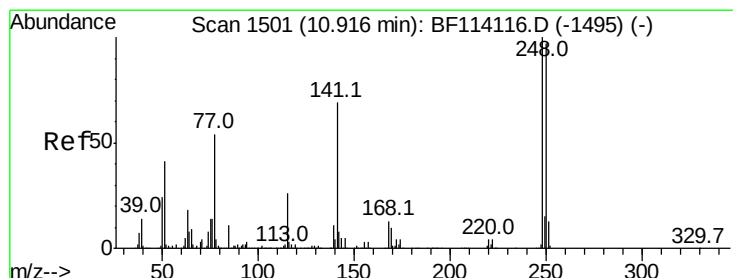
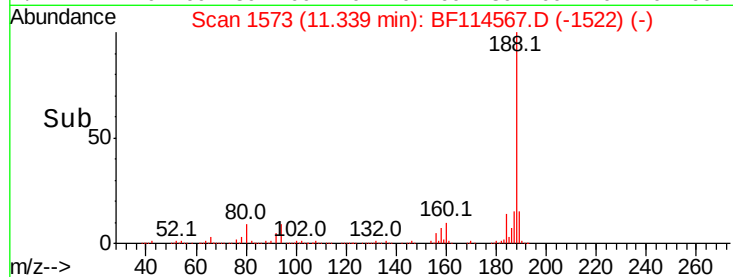
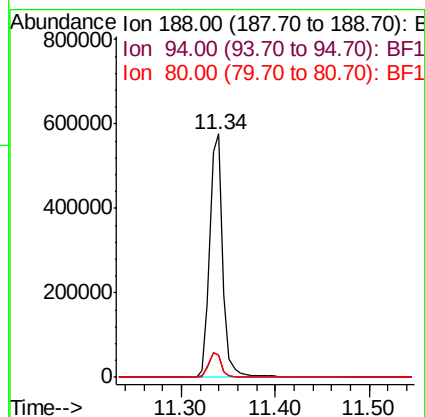
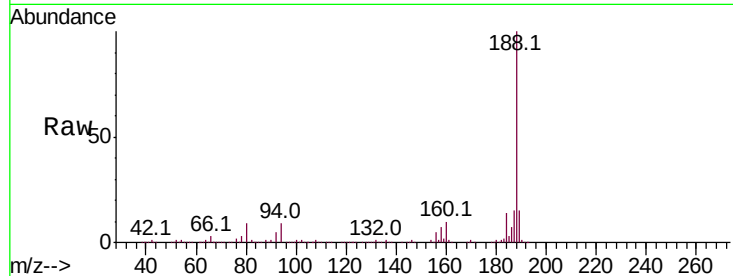




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

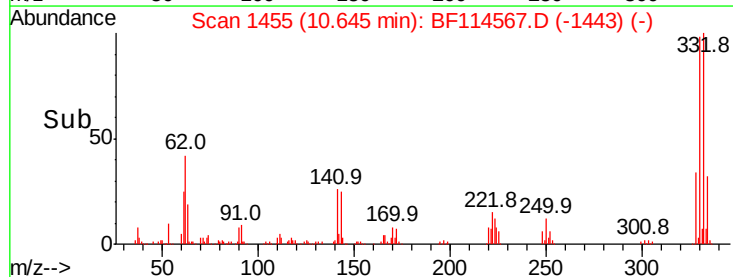
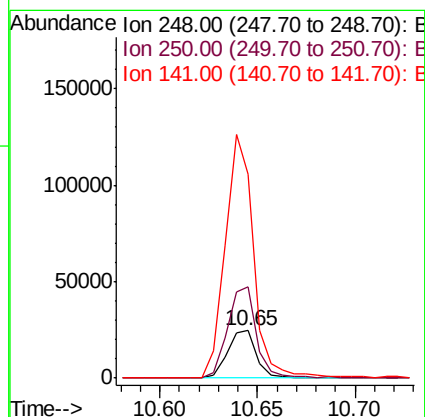
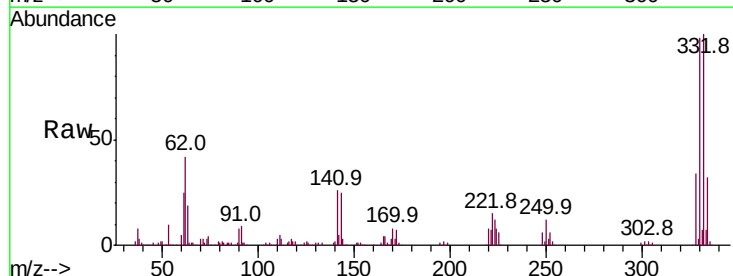
Instrument :
BNA_F
ClientSampleId :
FEQC-DUP-051419

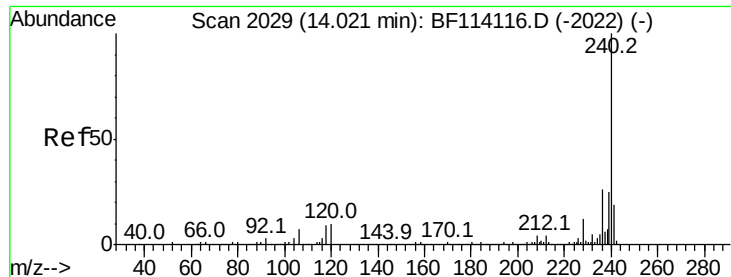
Tot Ion:188 Resp: 563702
Ion Ratio Lower Upper
188 100
94 8.8 8.4 12.6
80 9.1 9.2 13.8#



#67
4-Bromophenyl-phenylether
Concen: 4.036 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Tgt Ion:248 Resp: 25048
Ion Ratio Lower Upper
248 100
250 191.3 77.4 116.2#
141 430.0 55.6 83.4#

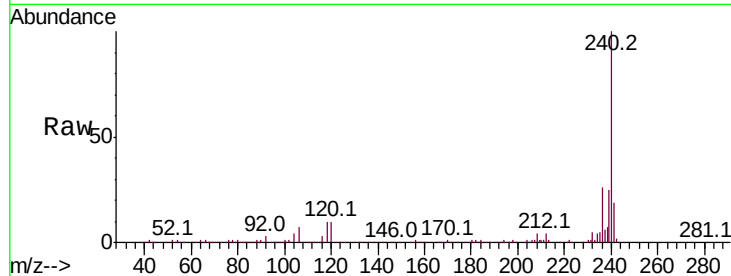




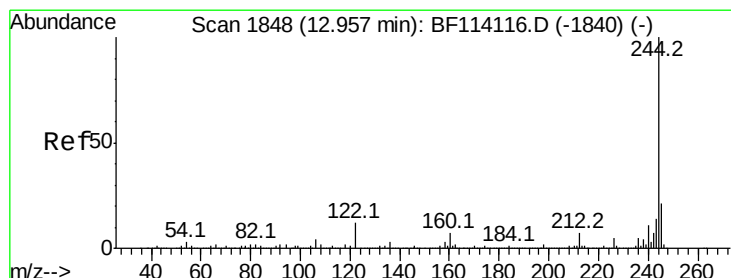
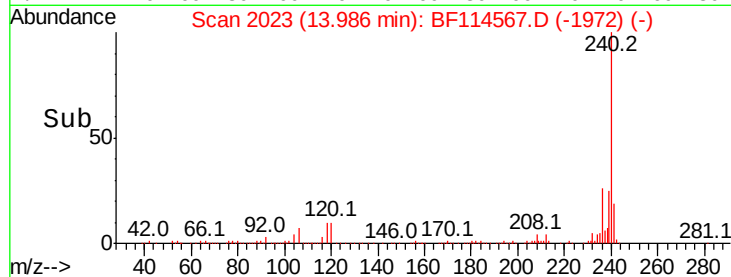
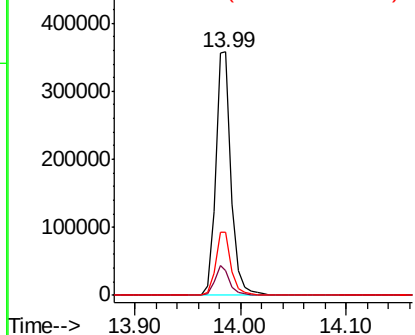
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-DUP-051419

Tot Ion:240 Resp: 372985
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.9 20.8 31.2

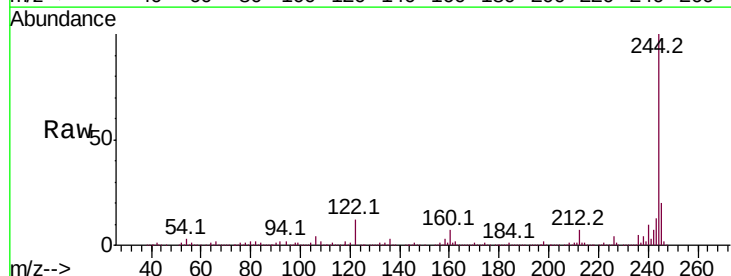


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

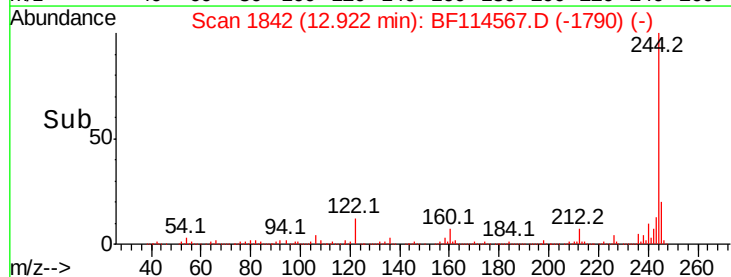
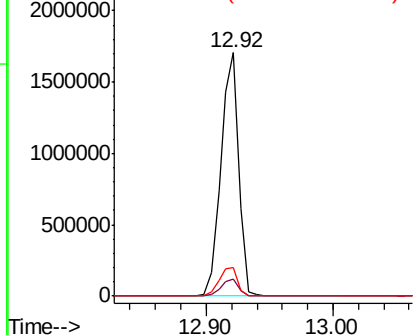


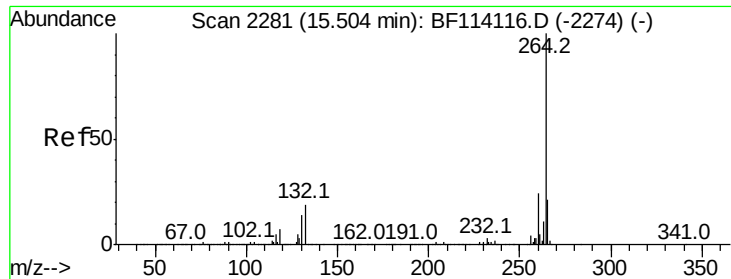
#79
 Terphenyl-d14
 Concen: 92.315 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

Tgt Ion:244 Resp: 1670307
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.8 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: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-DUP-051419

Tot Ion: 264 Resp: 363874
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 21.7 16.9 25.3

