

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114529.D
 Acq On : 23 May 2019 16:34
 Operator : JU/SJ
 Sample : K2906-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-FB-051619

Quant Time: May 24 07:17:39 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

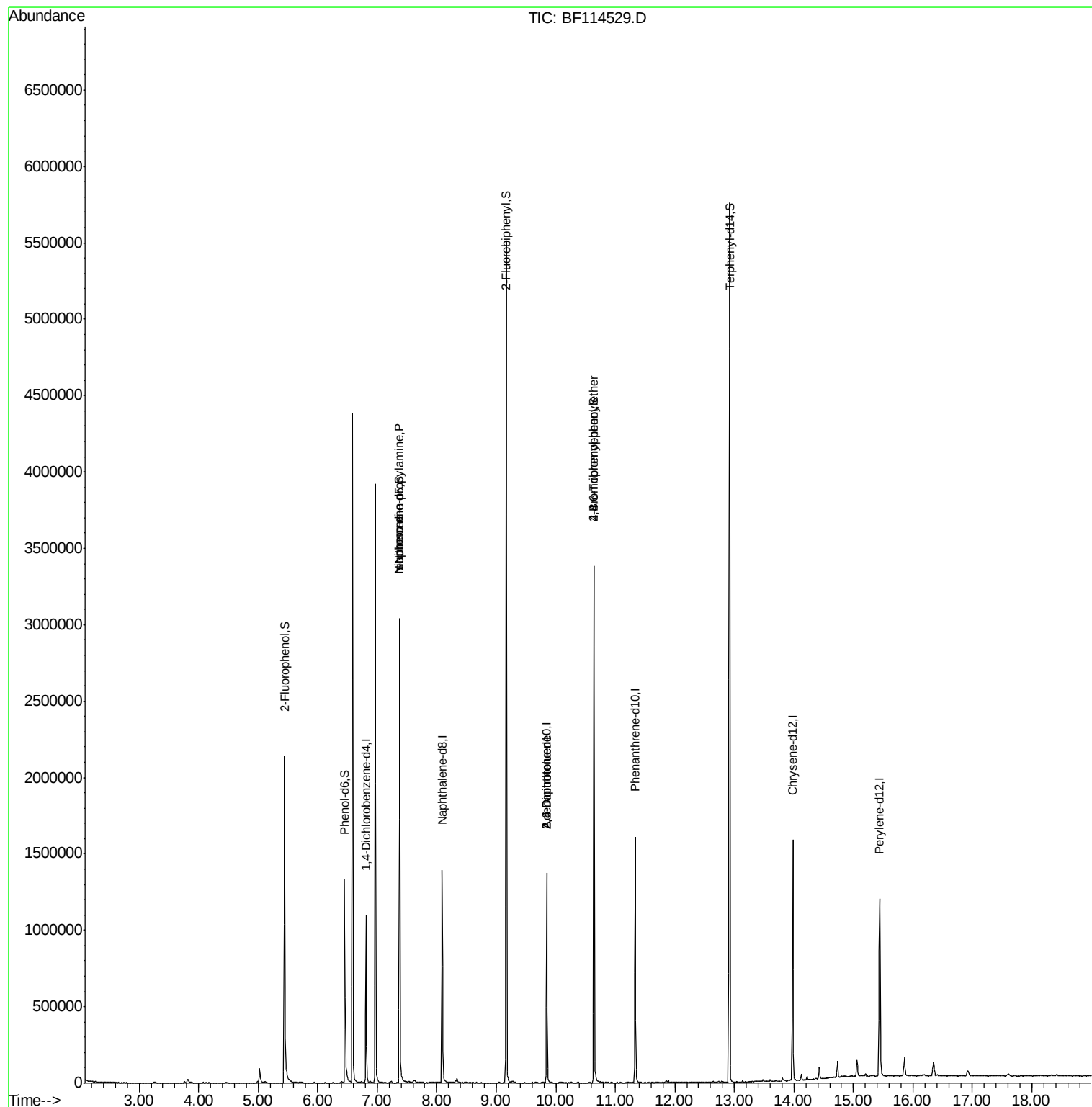
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	163111	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	612889	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	299588	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	634291	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	535210	20.00	ng	-0.02
87) Perylene-d12	15.44	264	561998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	651920	64.32	ng	-0.03
7) Phenol-d6	6.46	99	547684	45.69	ng	-0.03
23) Nitrobenzene-d5	7.37	82	998697	91.45	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	425870	137.50	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1775228	89.63	ng	-0.02
79) Terphenyl-d14	12.92	244	2083130	80.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	133992	17.634	ng	# 76
25) Isophorone	7.37	82	998689	49.308	ng	# 64
51) 2,6-Dinitrotoluene	9.85	165	37662	7.721	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	37662	5.688	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	27360	3.918	ng	# 1

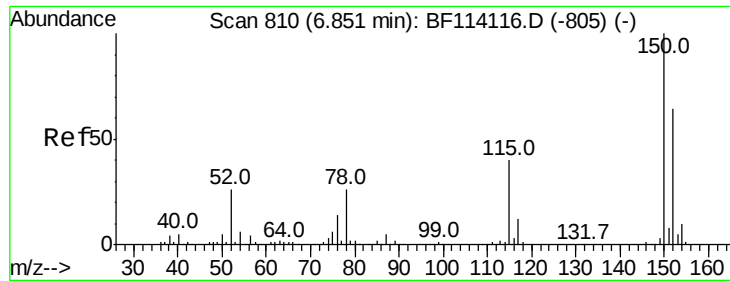
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



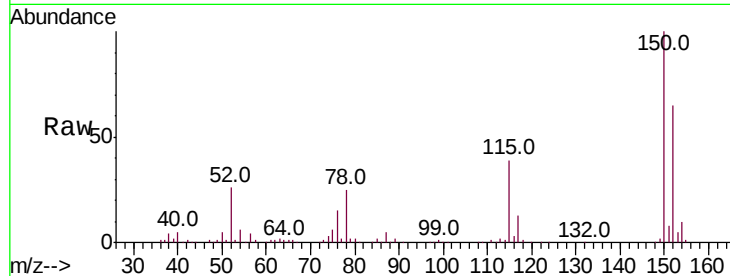


#1

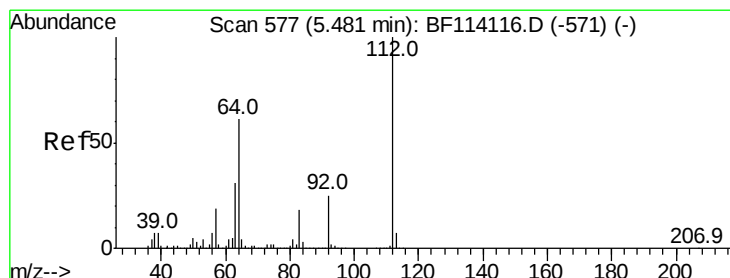
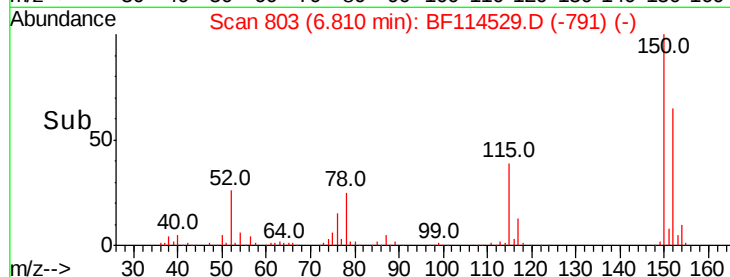
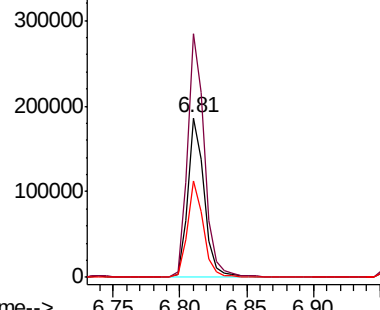
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FEQC-FB-051619

Tot Ion:152 Resp: 163111
Ion Ratio Lower Upper
152 100
150 152.7 124.3 186.5
115 60.1 49.1 73.7



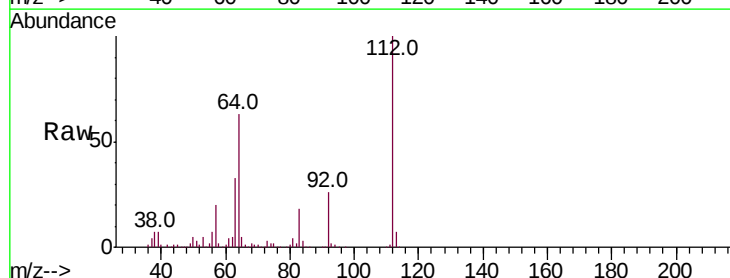
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



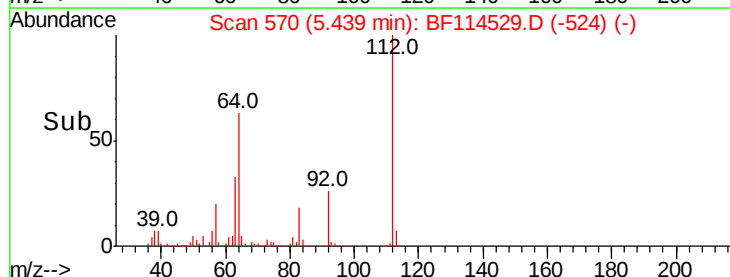
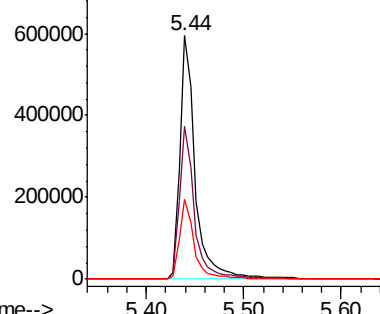
#5

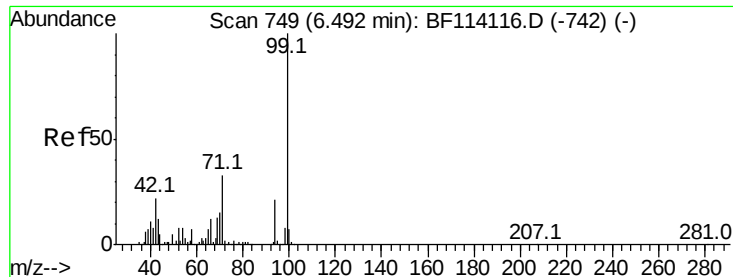
2-Fluorophenol
Concen: 64.319 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

Tgt Ion:112 Resp: 651920
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.6
63 32.5 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: 45.686 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FEQC-FB-051619

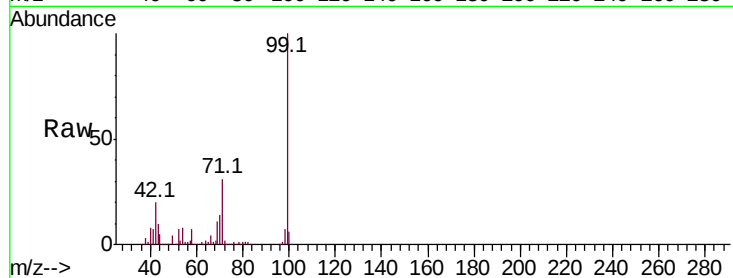
Tot Ion: 99 Resp: 547684

Ion Ratio Lower Upper

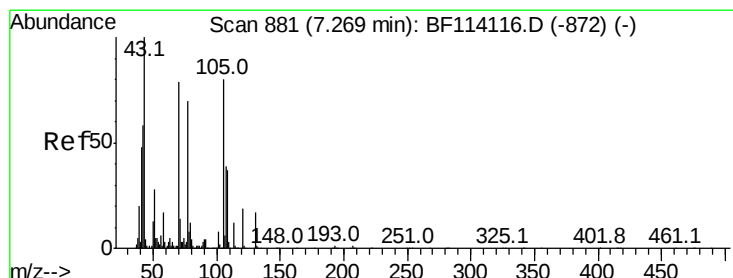
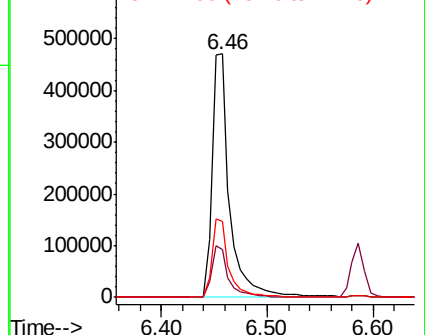
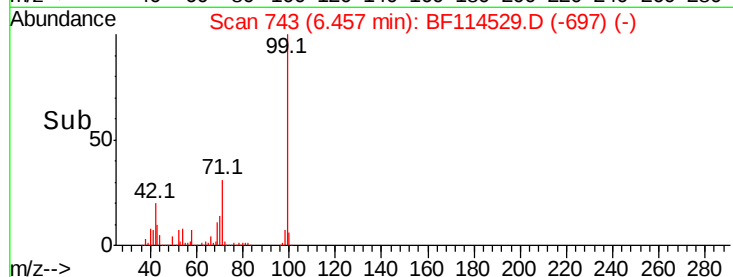
99 100

42 19.5 17.9 26.9

71 31.0 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: 17.634 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Tgt Ion: 70 Resp: 133992

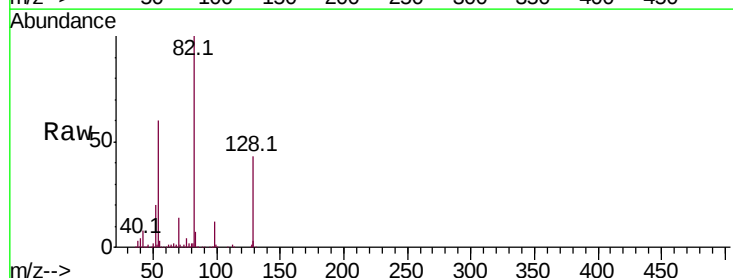
Ion Ratio Lower Upper

70 100

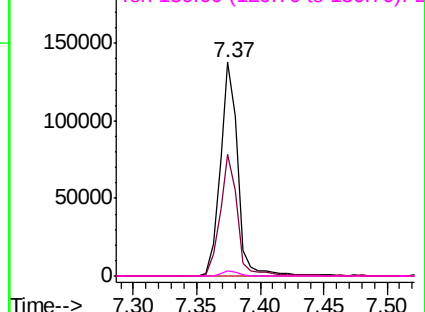
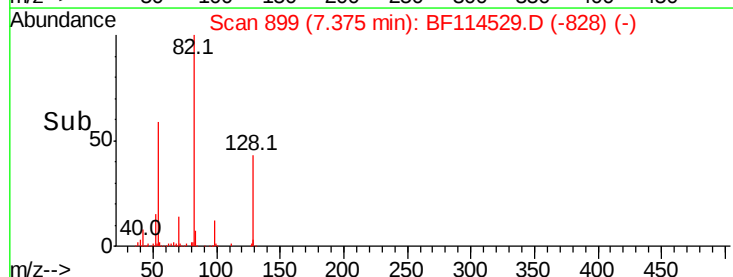
42 57.1 58.6 87.8#

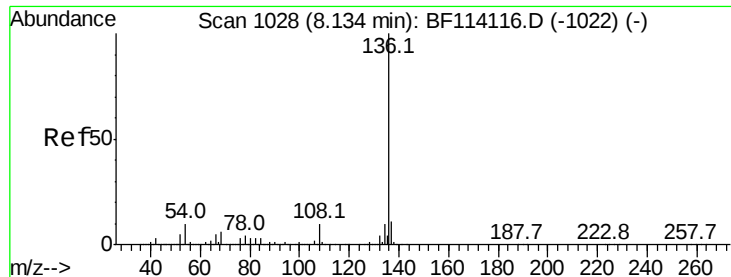
101 0.0 7.8 11.8#

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. -0.03 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FEQC-FB-051619

Tot Ion:136 Resp: 612889

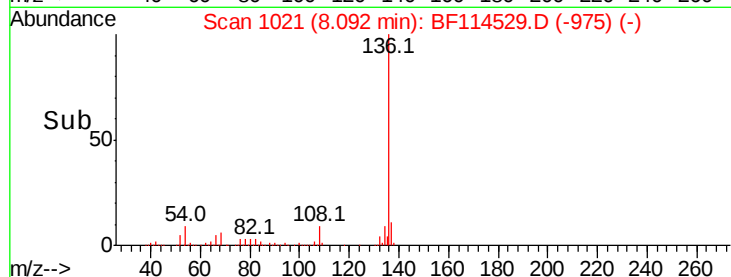
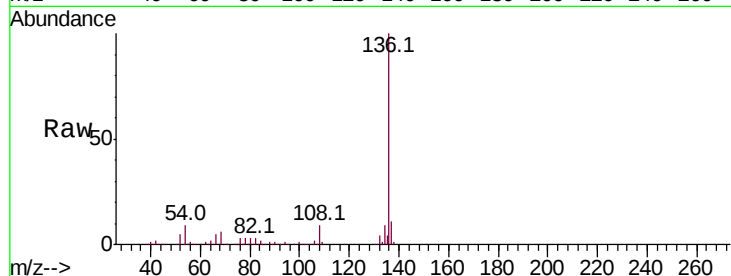
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.3 7.8 11.8

68 5.7 5.1 7.7

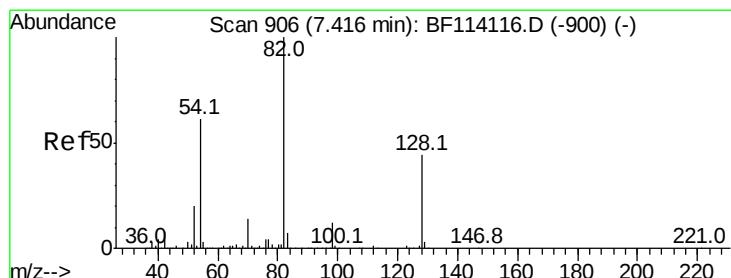
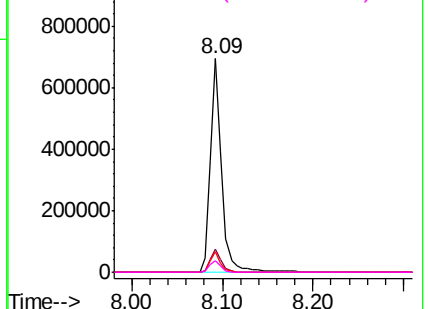


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.447 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

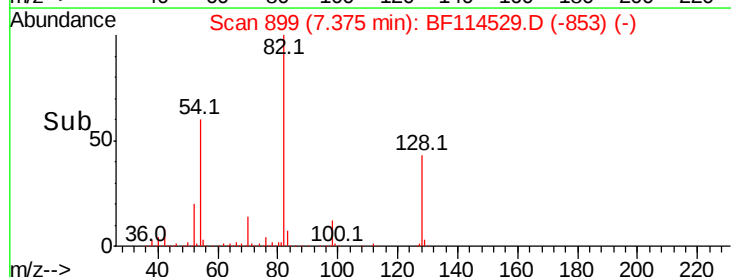
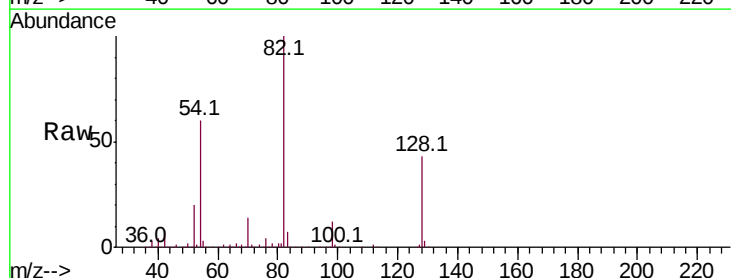
Tgt Ion: 82 Resp: 998697

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

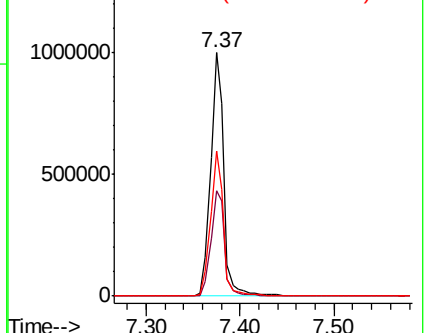
54 59.8 48.5 72.7

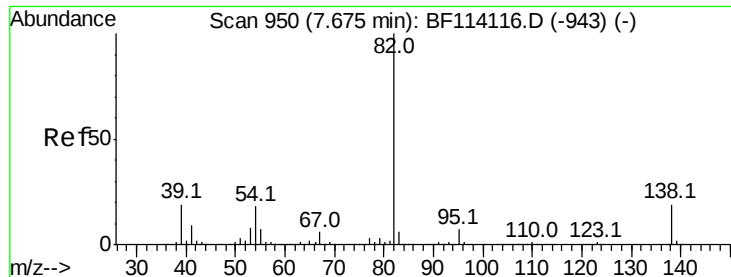


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

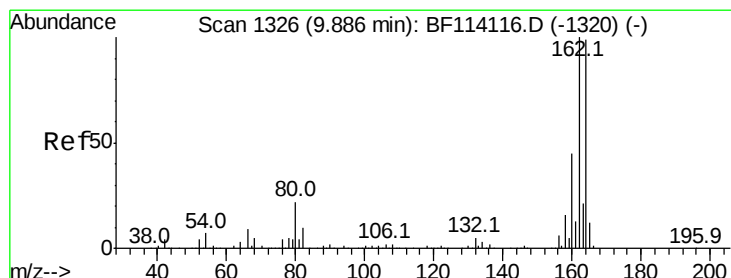
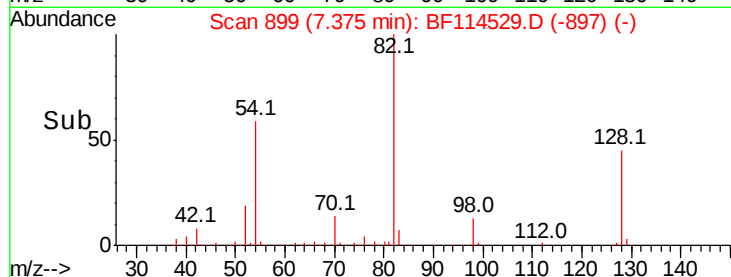
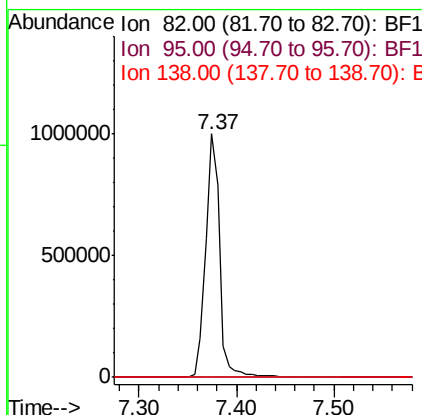
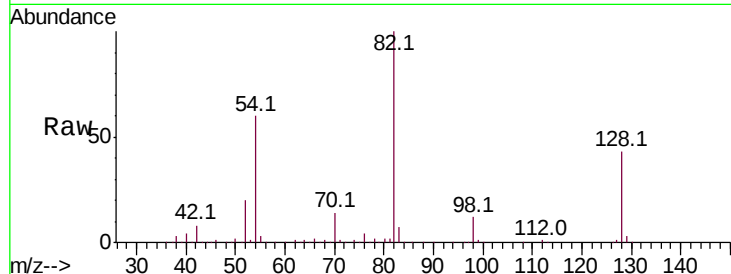




#25
Isophorone
Concen: 49.308 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.29 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

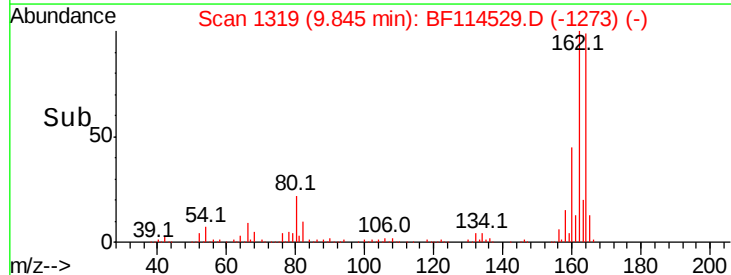
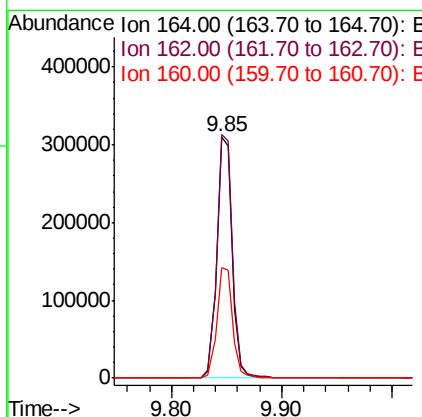
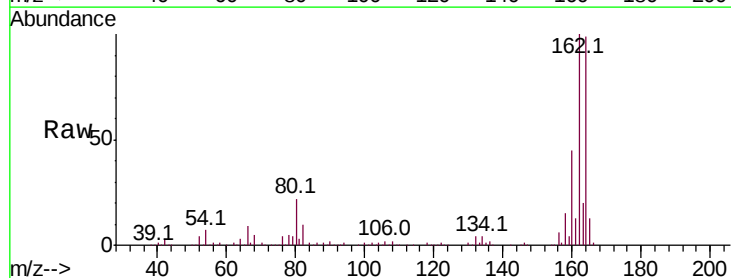
Instrument :
BNA_F
ClientSampleId :
FEQC-FB-051619

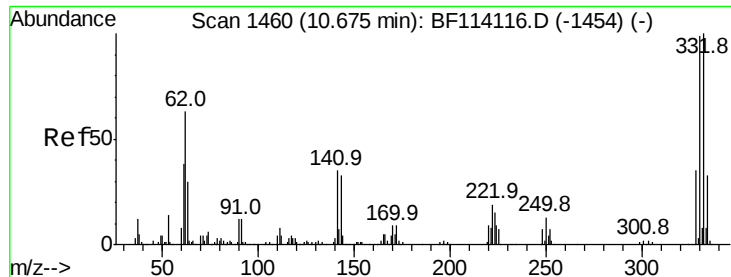
Tot Ion: 82 Resp: 998689
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

Tgt Ion:164 Resp: 299588
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.7 36.5 54.7

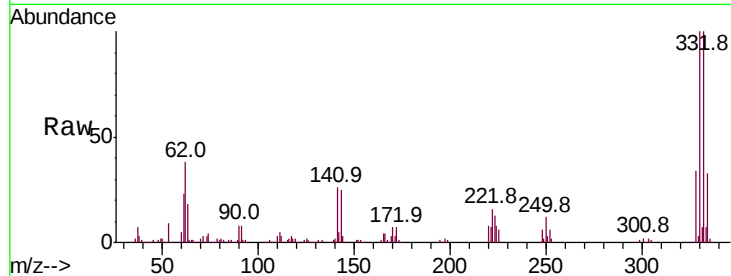




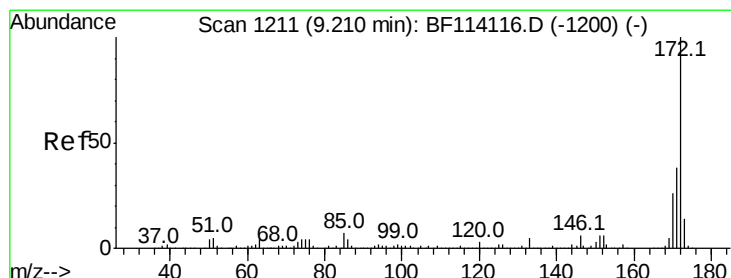
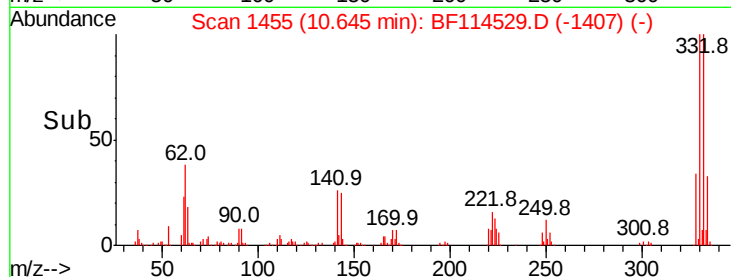
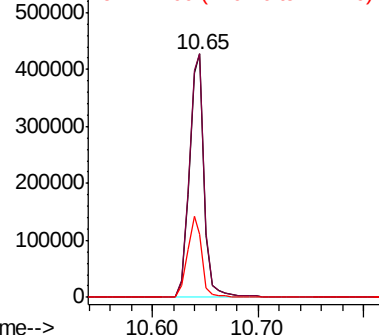
#42
 2,4,6-Tribromophenol
 Concen: 137.500 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.02 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-FB-051619

Tot Ion:330 Resp: 425870
 Ion Ratio Lower Upper
 330 100
 332 101.3 81.4 122.2
 141 32.6 26.6 40.0

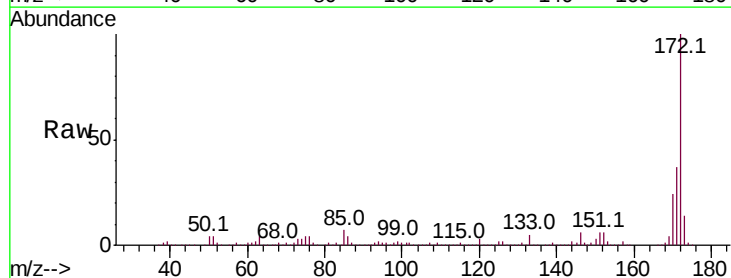


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

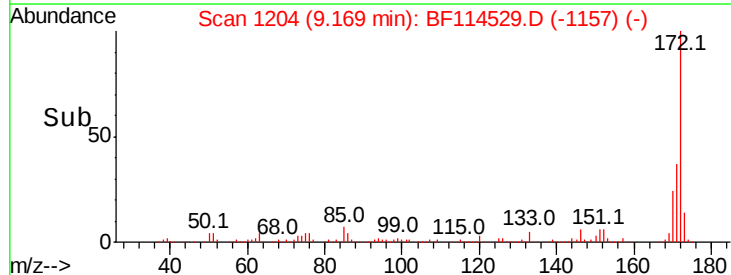
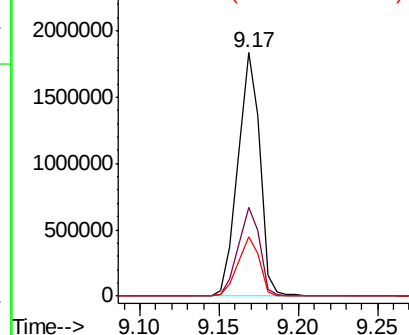


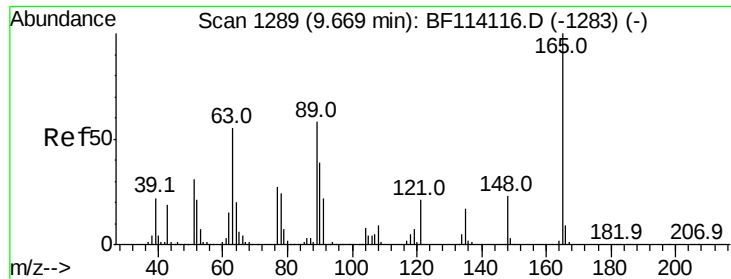
#45
 2-Fluorobiphenyl
 Concen: 89.634 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Tgt Ion:172 Resp: 1775228
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.5 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

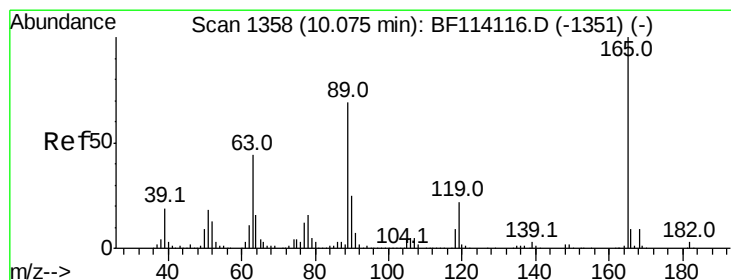
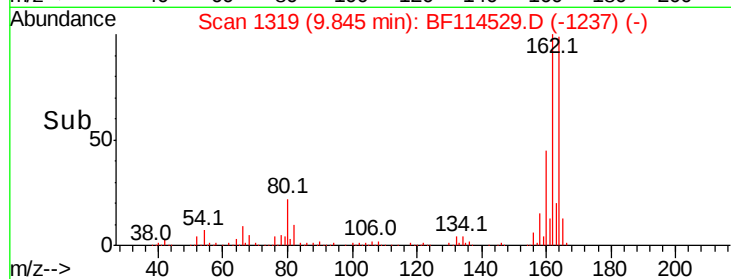
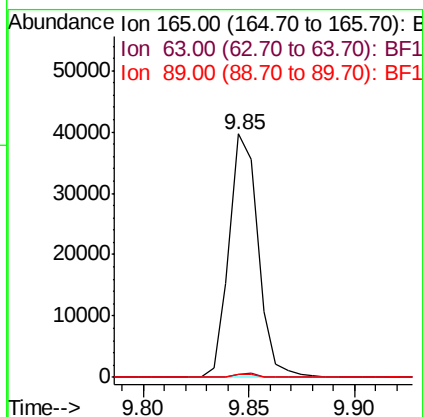
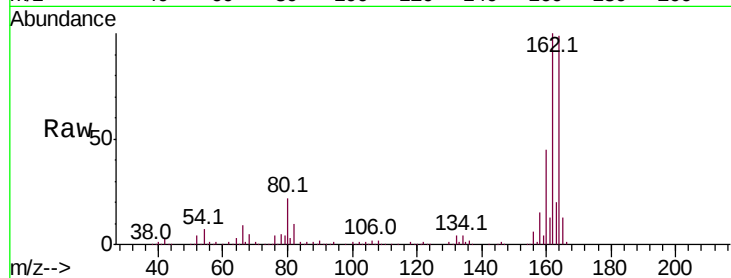




#51
 2,6-Dinitrotoluene
 Concen: 7.721 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.18 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

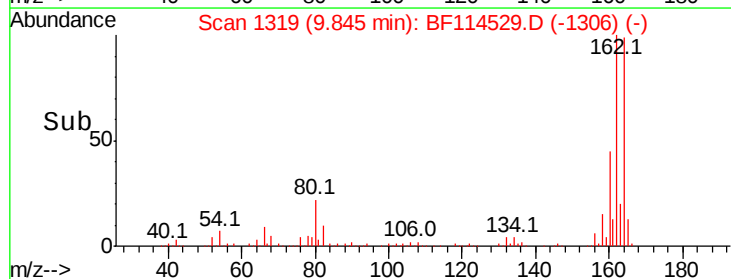
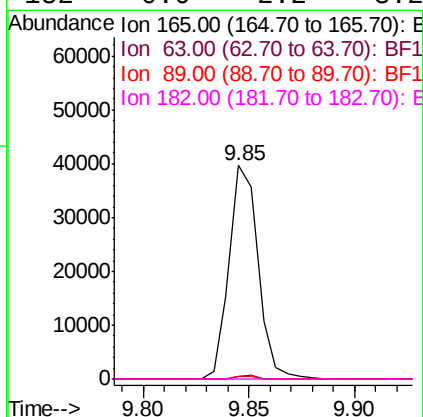
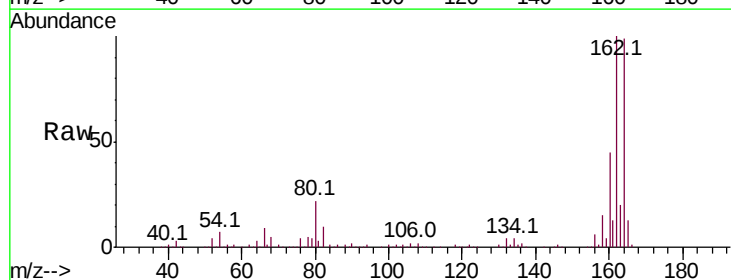
Instrument :
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 ClientSampleId :
 FEQC-FB-051619

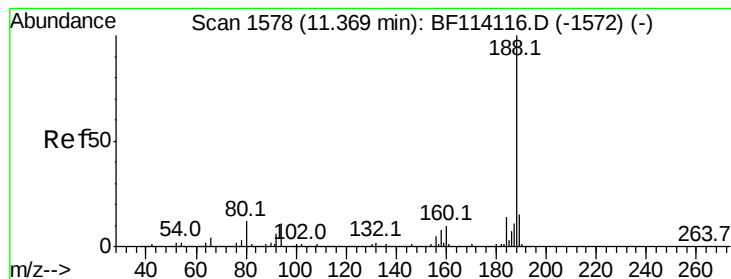
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.3	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.688 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FEQC-FB-051619

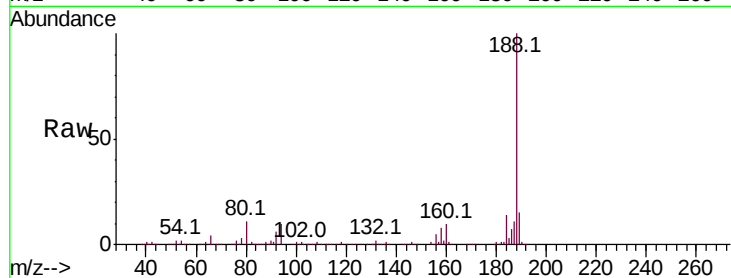
Tot Ion:188 Resp: 634291

Ion Ratio Lower Upper

188 100

94 10.2 8.4 12.6

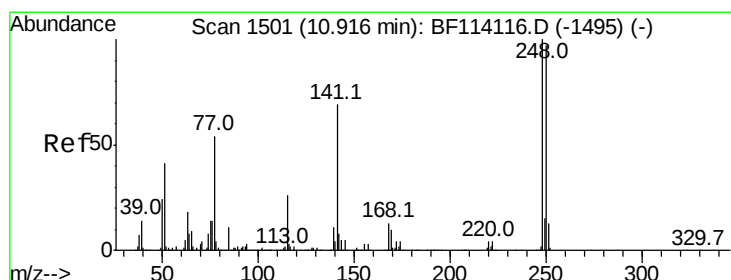
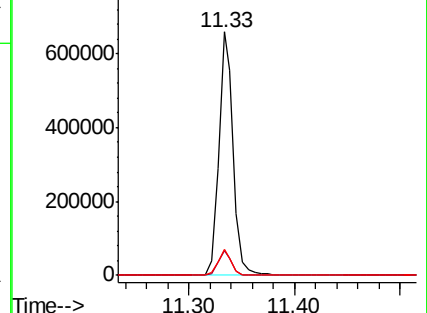
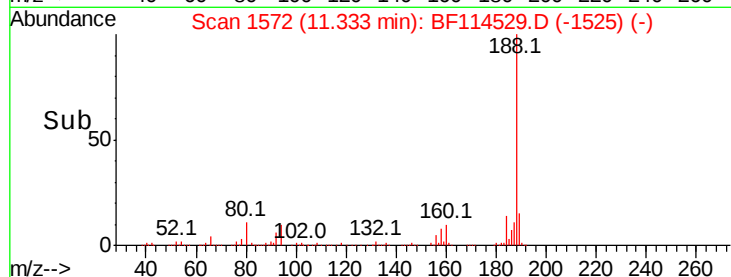
80 10.9 9.2 13.8



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: 3.918 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.26 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

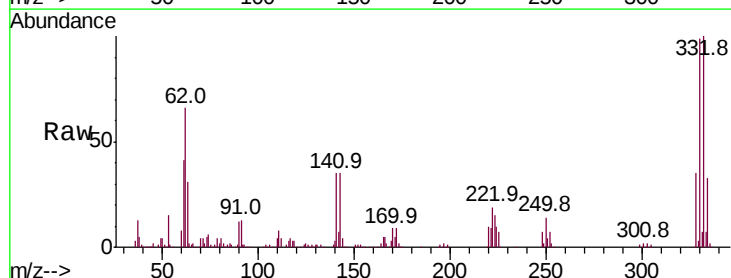
Tgt Ion:248 Resp: 27360

Ion Ratio Lower Upper

248 100

250 208.2 77.4 116.2#

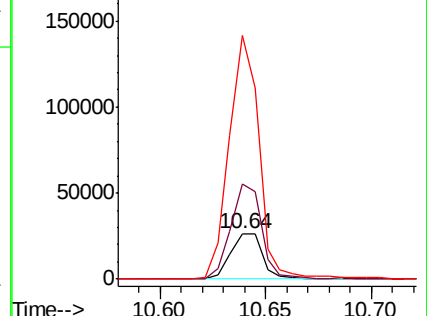
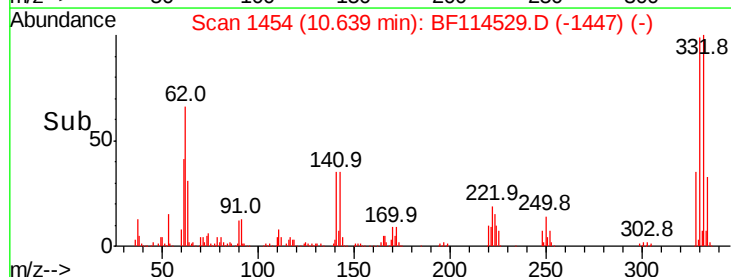
141 534.2 55.6 83.4#

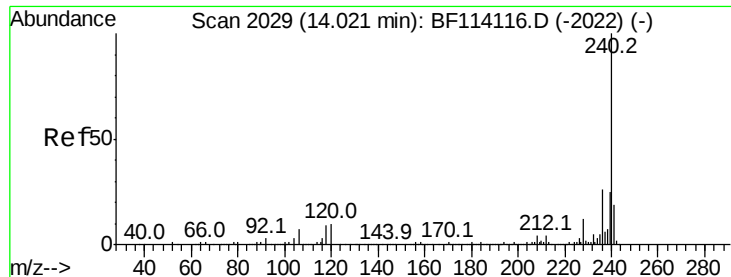


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

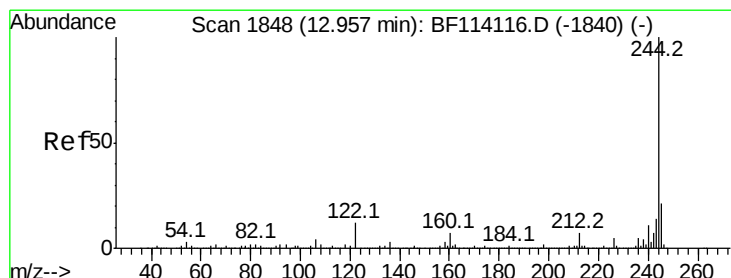
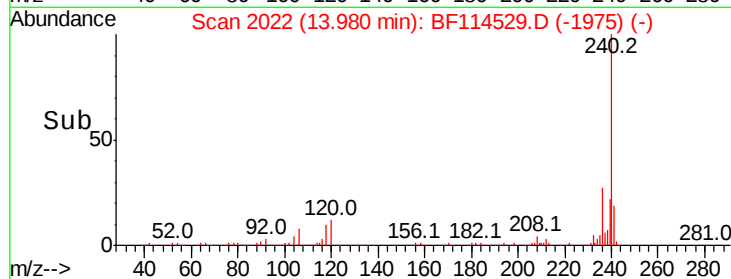
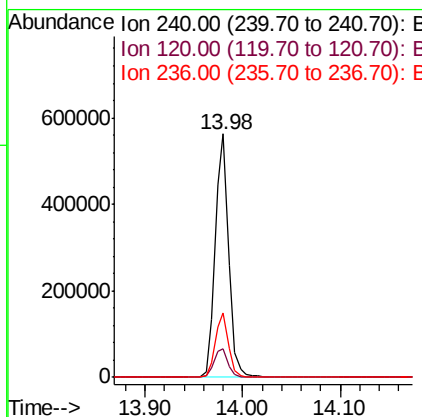
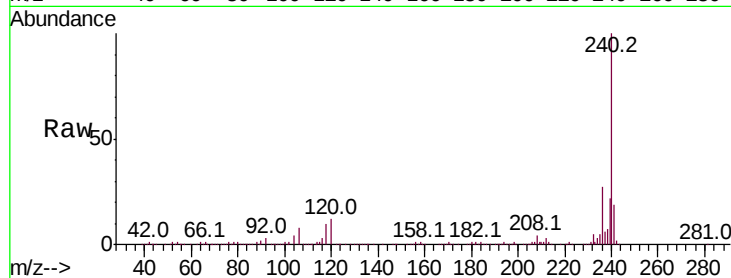




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

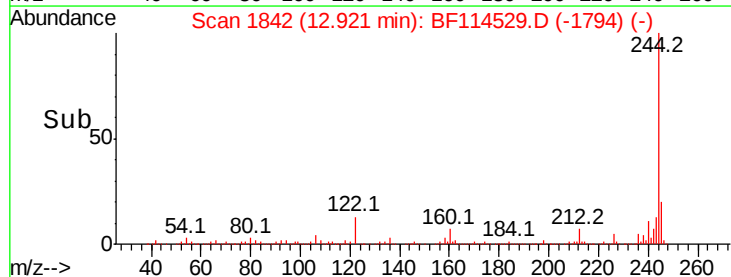
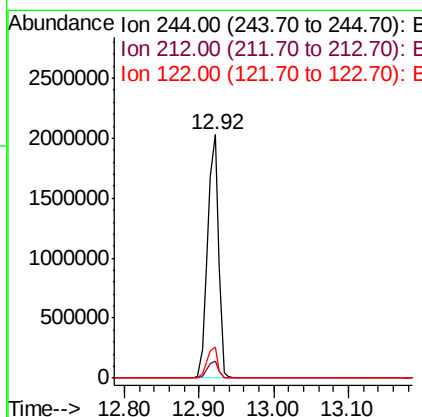
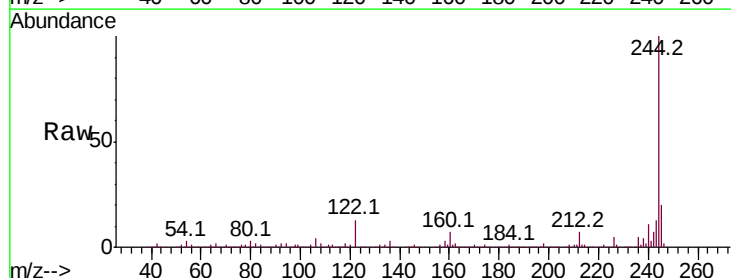
Instrument :
 BNA_F
 ClientSampleId :
 FEQC-FB-051619

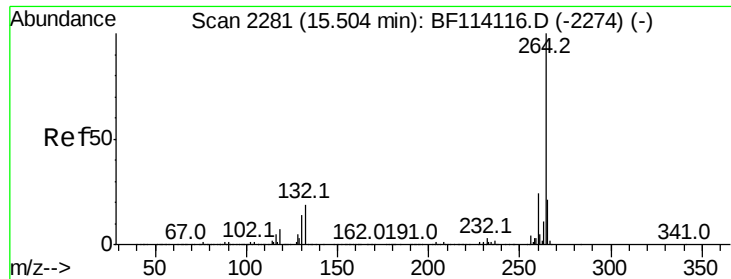
Tot Ion:240 Resp: 535210
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 26.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 80.235 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Tgt Ion:244 Resp: 2083130
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FEQC-FB-051619

Tot Ion:264 Resp: 561998

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	16.9	25.3

