

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 22:45:34 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

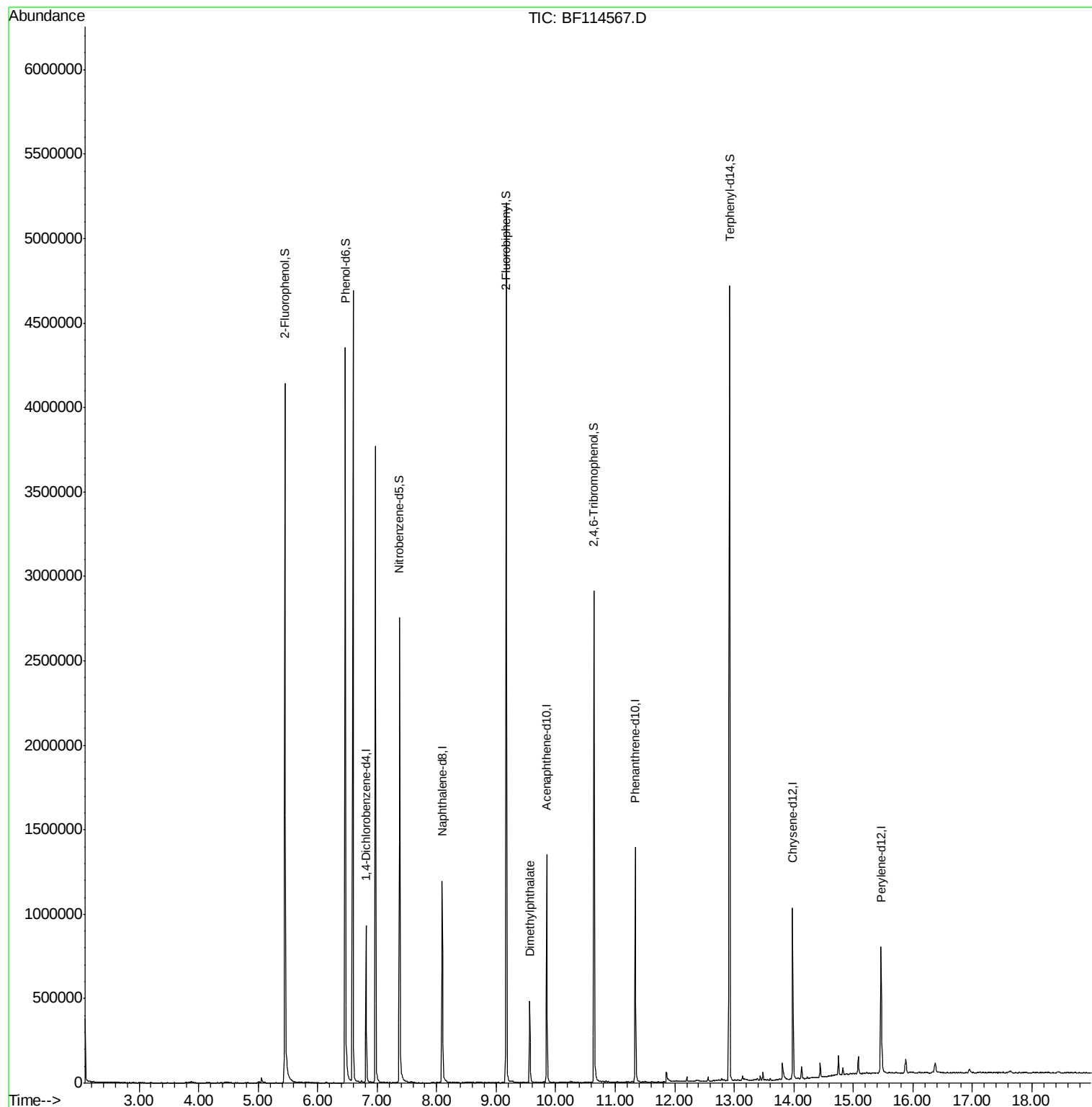
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152745	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575318	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	274400	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	563702	20.00	ng	0.00
76) Chrysene-d12	13.99	240	372985	20.00	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						
50) Dimethylphthalate	9.56	163	192476	9.555	ng	99

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

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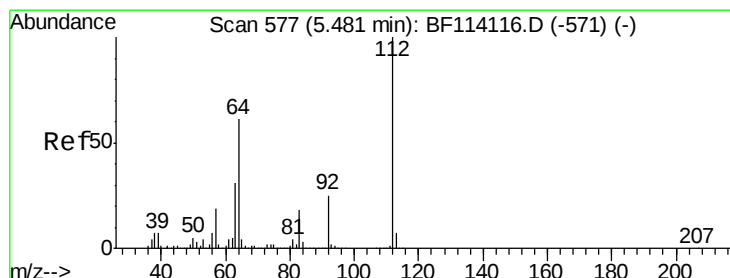
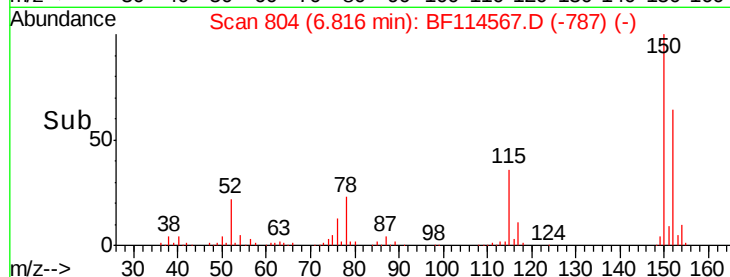
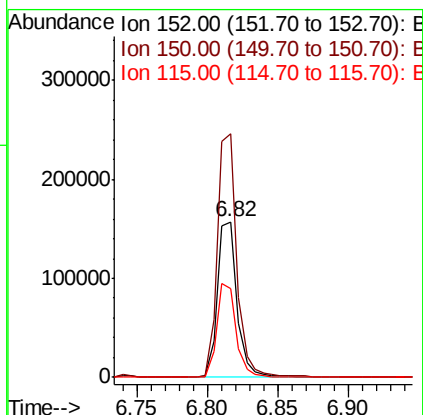
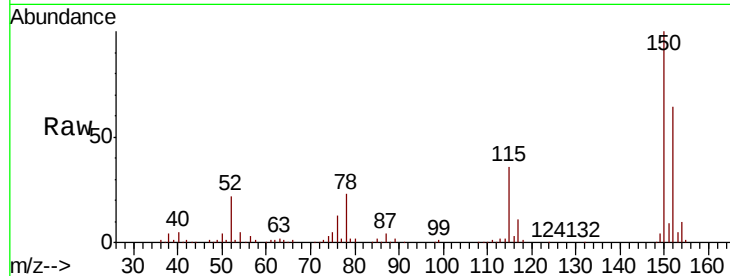


#1

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

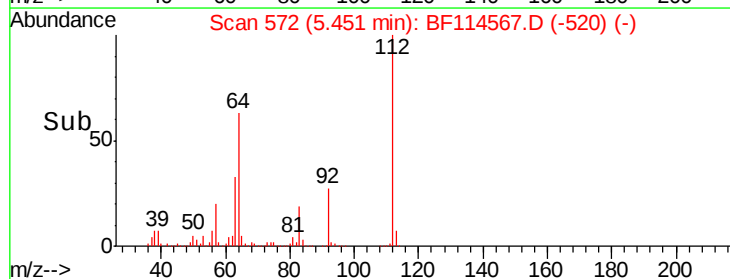
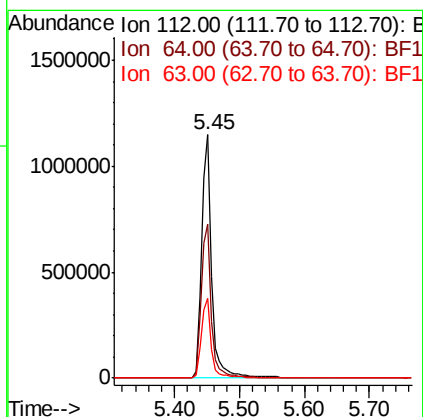
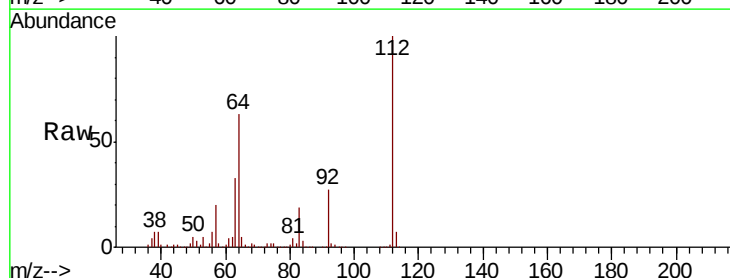
Tot Ion:152 Resp: 152745
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 56.8 49.1 73.7



#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





#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

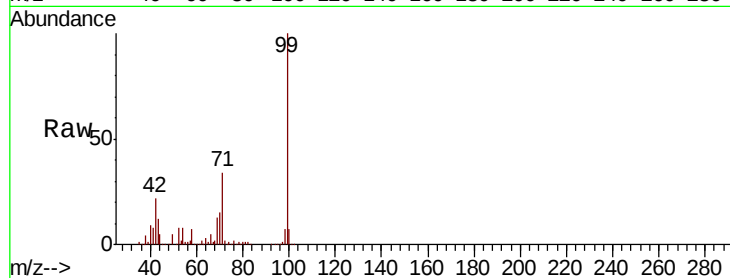
Tot Ion: 99 Resp: 1611159

Ion Ratio Lower Upper

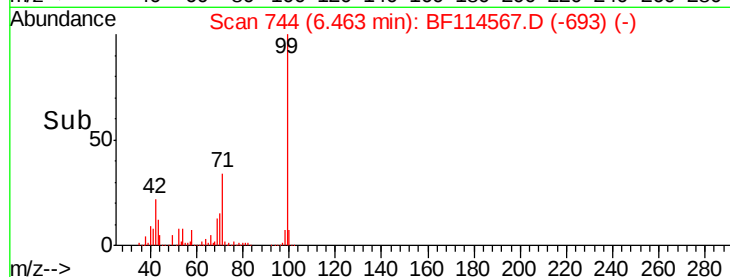
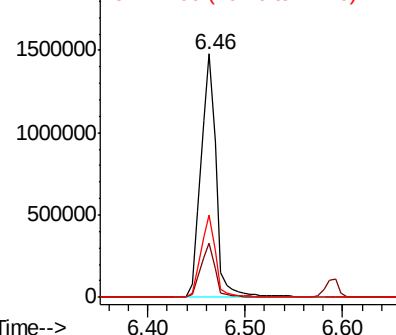
99 100

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



#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

Tgt Ion:136 Resp: 575318

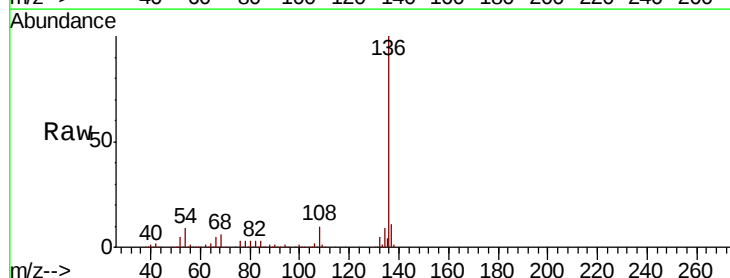
Ion Ratio Lower Upper

136 100

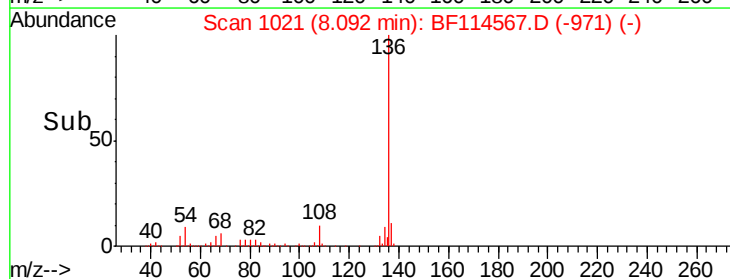
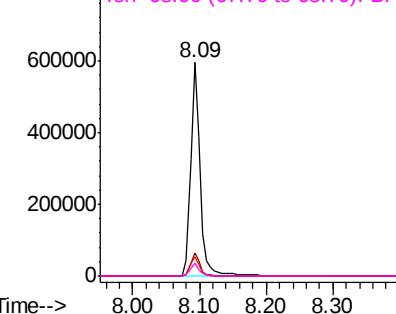
137 11.0 8.8 13.2

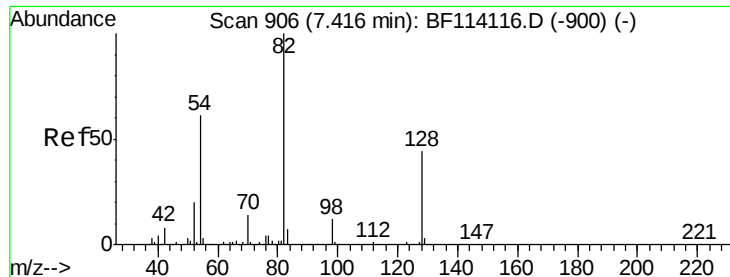
54 9.1 7.8 11.8

68 5.8 5.1 7.7



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

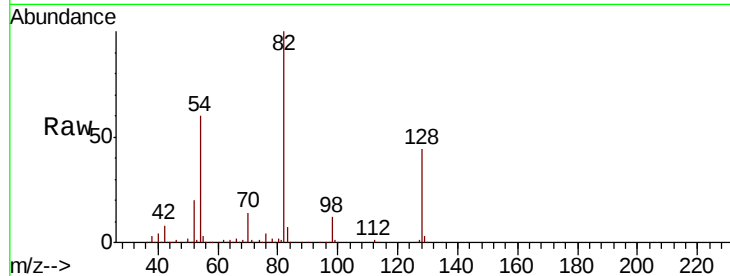




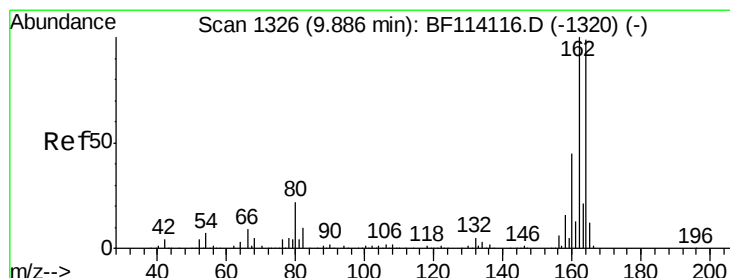
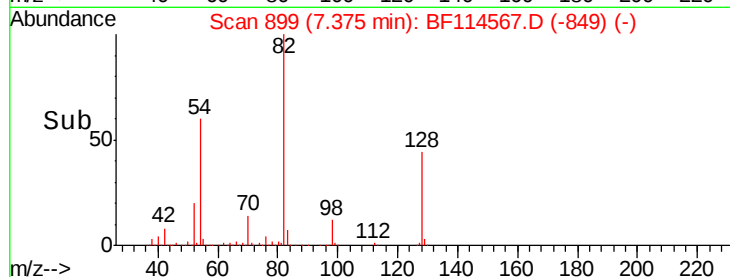
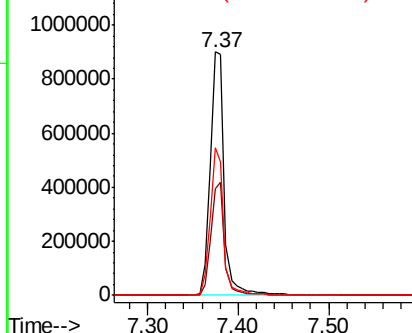
#23
Nitrobenzene-d5
Concen: 95.750 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

Instrument :
BNA_F
ClientSampleId :
FEQC-DUP-051419

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

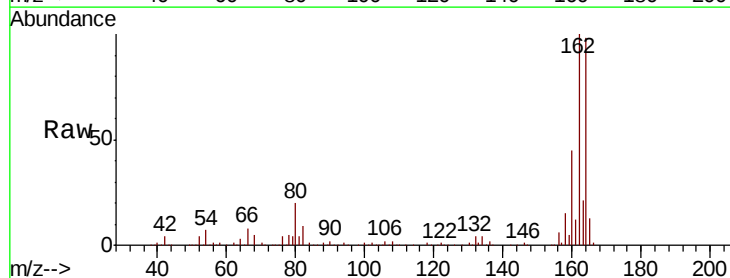


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

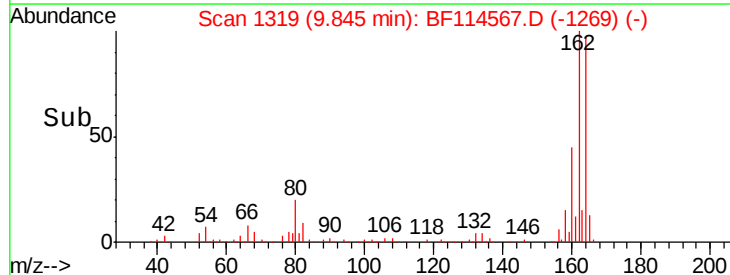
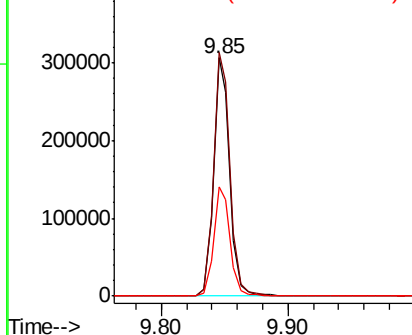


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114567.D
Acq: 24 May 2019 13:56

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

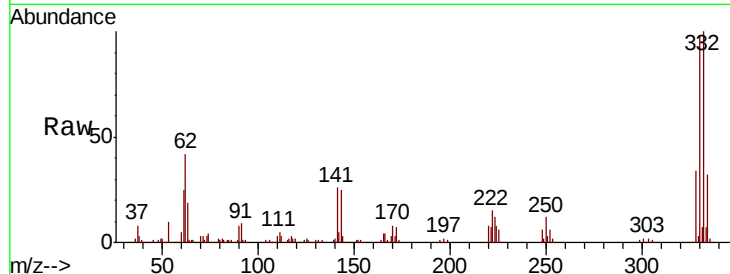




#42
 2,4,6-Tribromophenol
 Concen: 135.679 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

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

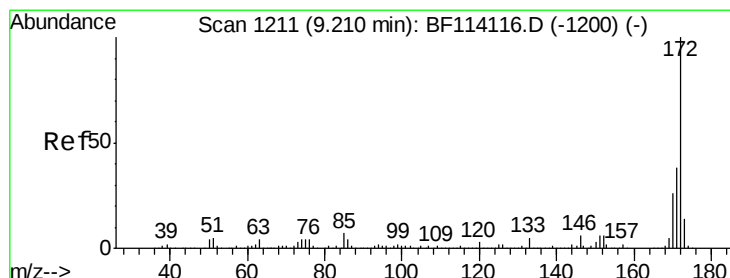
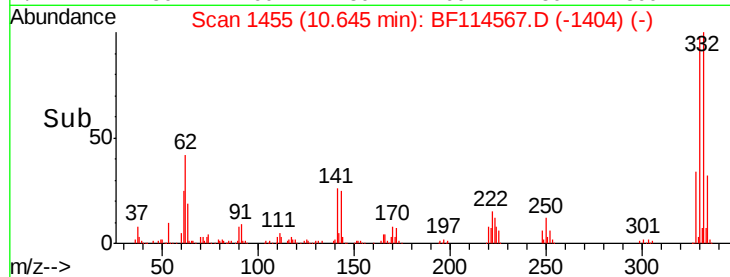
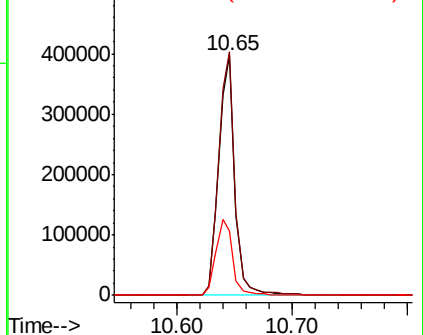


Abundance

Ion 329.80 (329.50 to 330.50): E

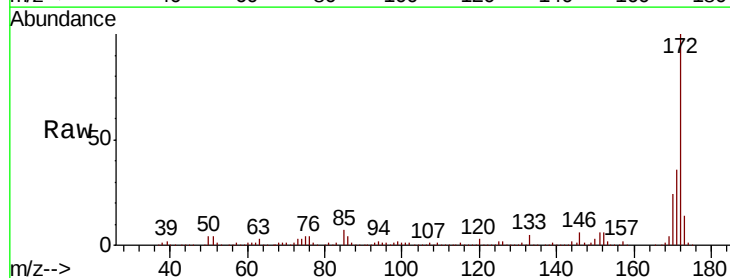
Ion 331.80 (331.50 to 332.50): E

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

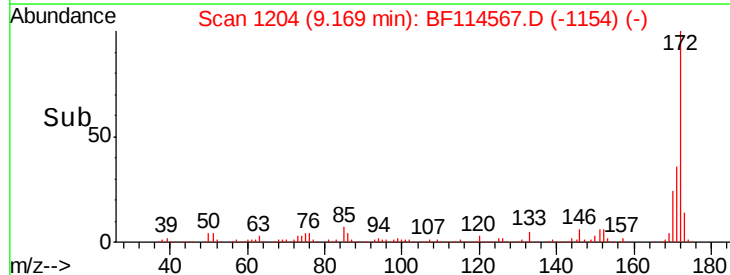
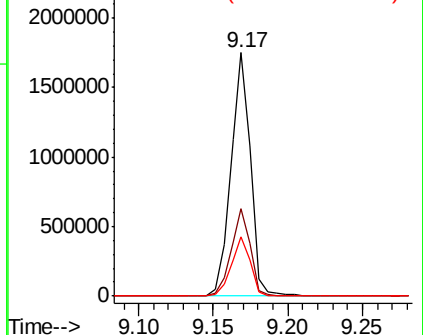


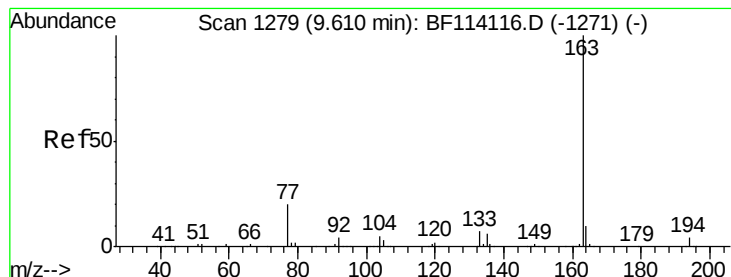
Abundance

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

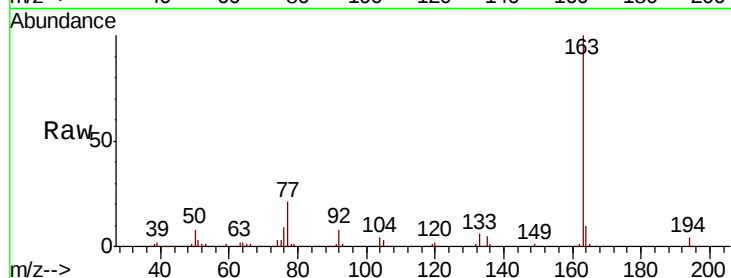
Tot Ion:163 Resp: 192476

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

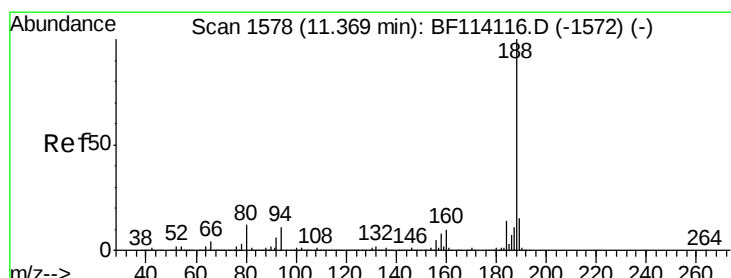
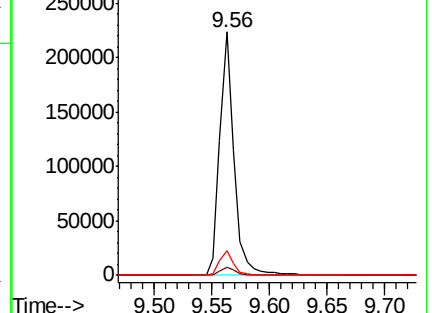
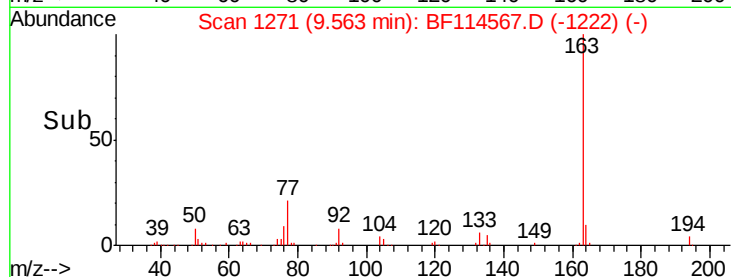
164 10.3 8.2 12.2



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



#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

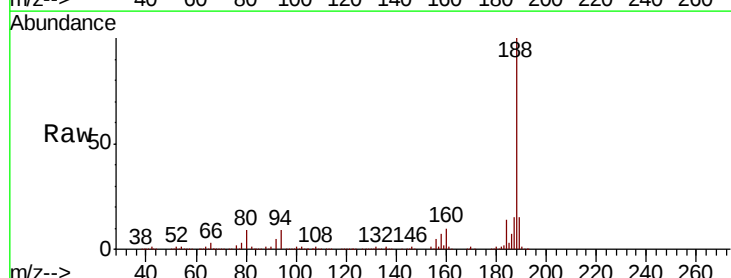
Tgt Ion:188 Resp: 563702

Ion Ratio Lower Upper

188 100

94 8.8 8.4 12.6

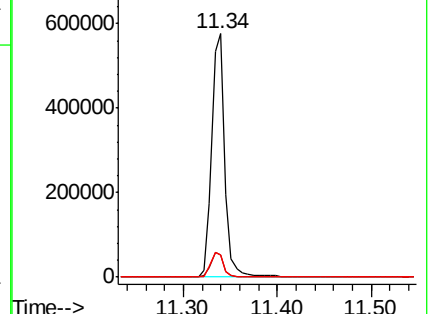
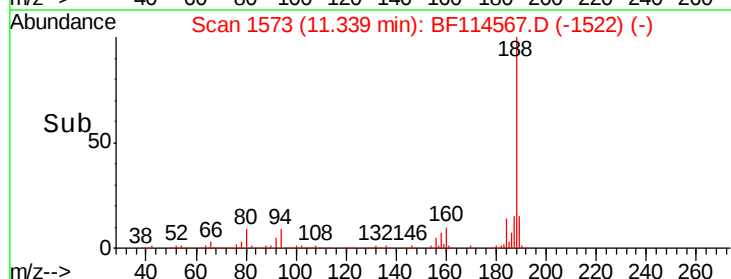
80 9.1 9.2 13.8#

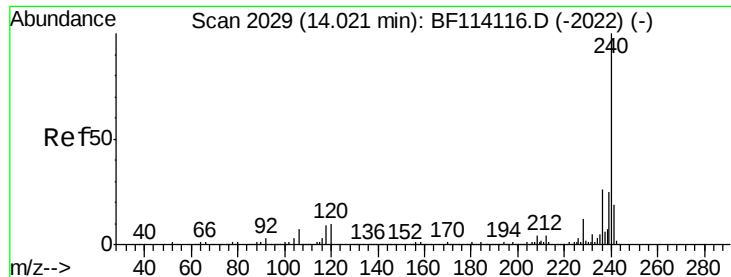


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

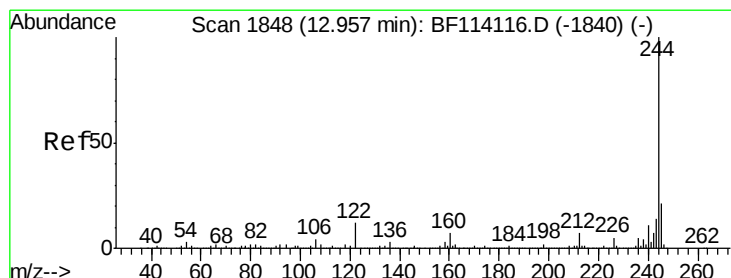
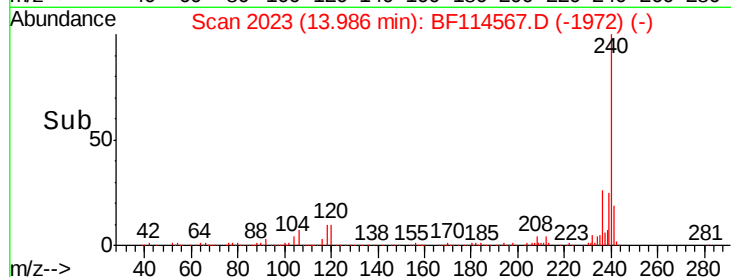
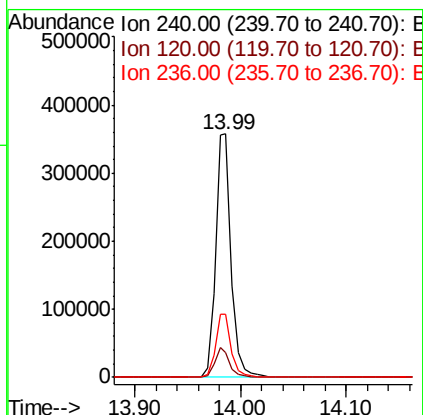
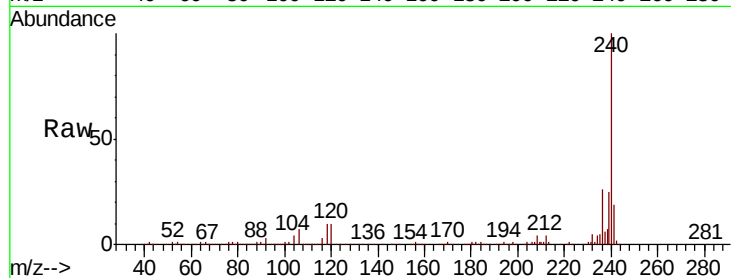




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF114567.D
 Acq: 24 May 2019 13:56

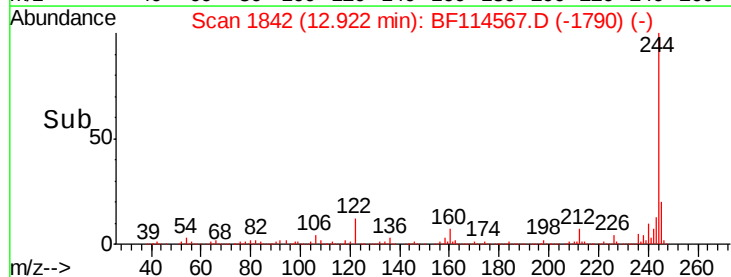
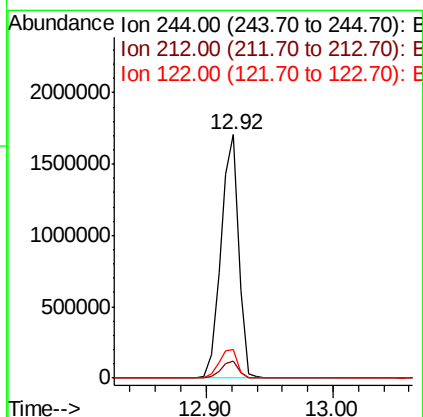
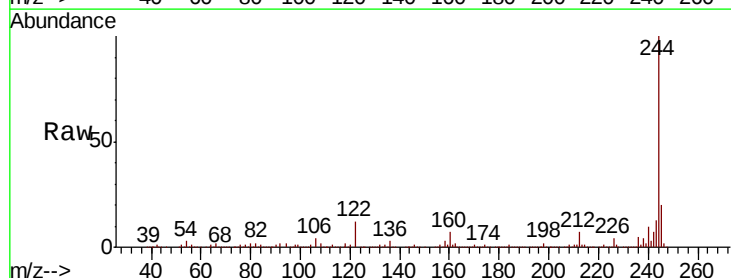
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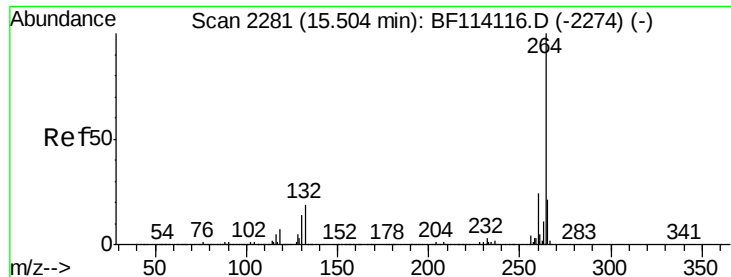
Tot Ion:240 Resp: 372985
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.9 20.8 31.2



#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





#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	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.7	16.9	25.3

