

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114705.D
 Acq On : 31 May 2019 13:52
 Operator : HP/JU
 Sample : K2986-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-052119

Quant Time: Jun 01 00:49:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

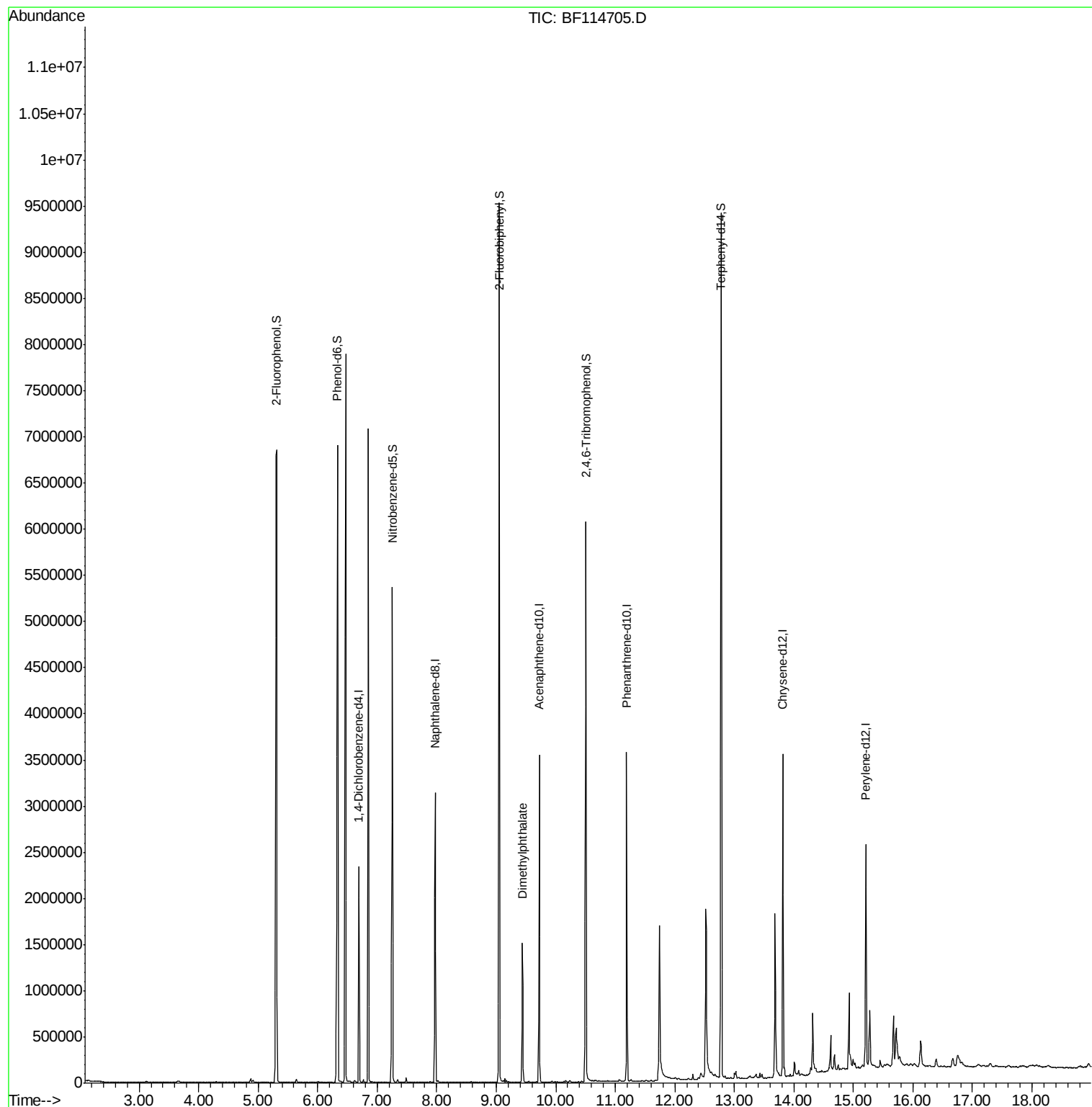
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	356652	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1333409	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	665431	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1315763	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1084960	20.00	ng	0.00
87) Perylene-d12	15.21	264	1030789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2478407	122.01	ng	0.02
7) Phenol-d6	6.33	99	3109064	127.01	ng	0.00
23) Nitrobenzene-d5	7.26	82	1906559	89.21	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	861035	135.80	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3297441	94.96	ng	0.00
79) Terphenyl-d14	12.78	244	3739868	64.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.44	163	579971	12.508	ng	Qvalue 99

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

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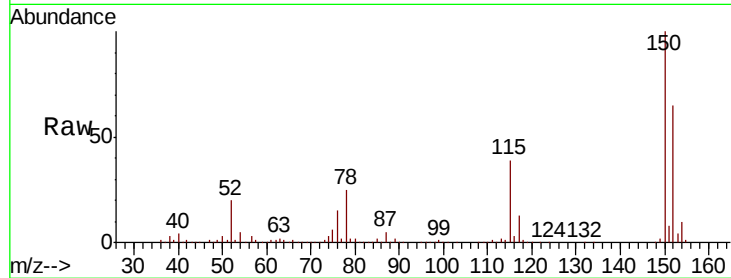


#1

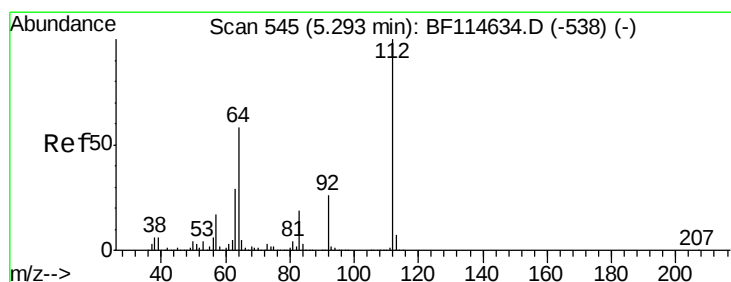
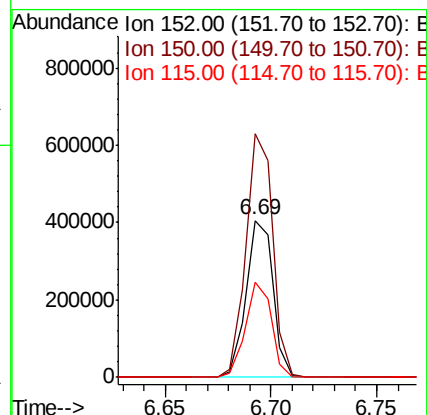
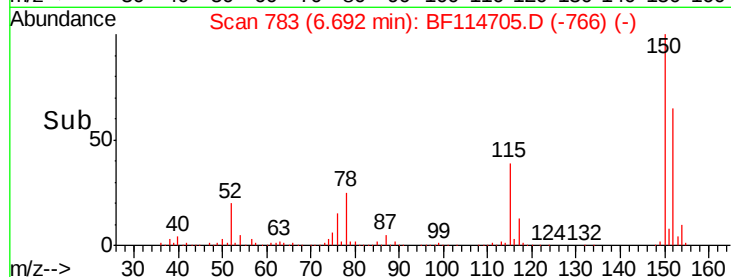
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Instrument :
BNA_F
ClientSampleId :
FEQC-052119

Tot Ion:152 Resp: 356652
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 60.8 48.7 73.1



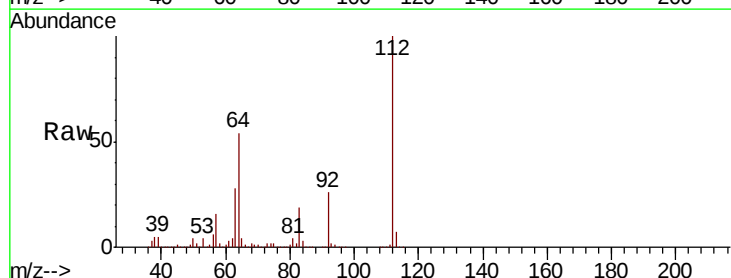
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



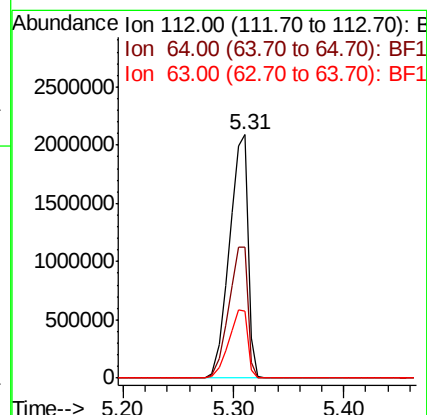
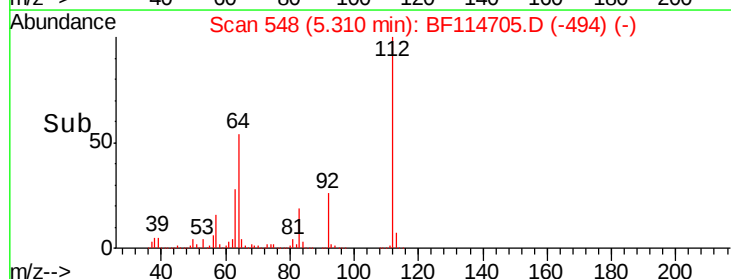
#5

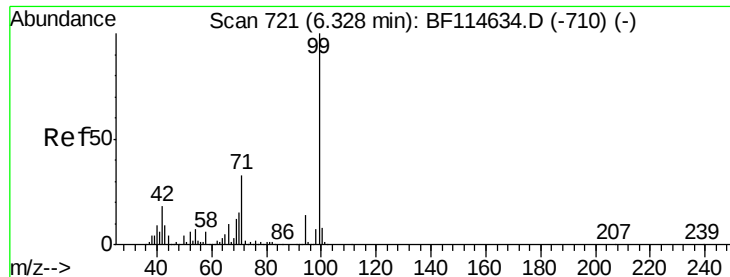
2-Fluorophenol
Concen: 122.006 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Tgt Ion:112 Resp: 2478407
Ion Ratio Lower Upper
112 100
64 53.6 46.1 69.1
63 27.5 23.4 35.2



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: 127.010 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114705.D

Acq: 31 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

FEQC-052119

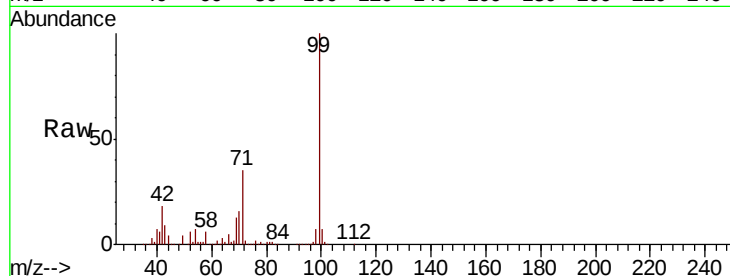
Tot Ion: 99 Resp: 3109064

Ion Ratio Lower Upper

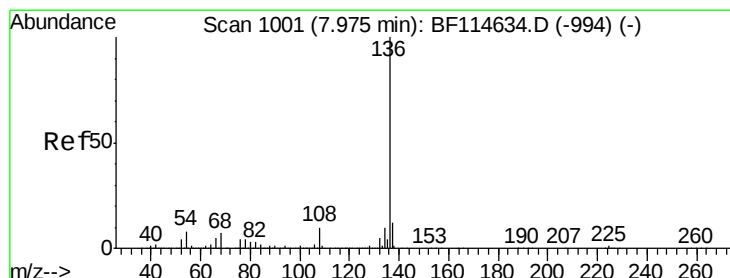
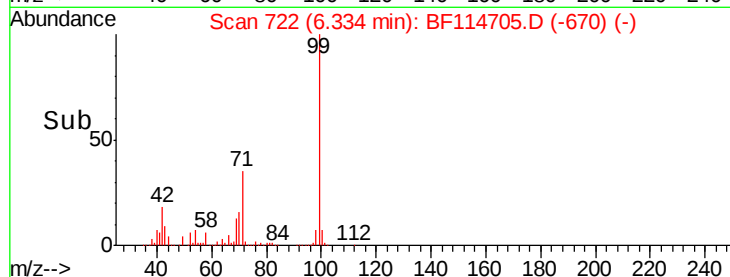
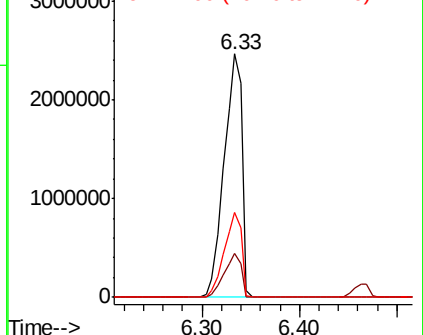
99 100

42 17.9 14.7 22.1

71 34.9 26.6 40.0



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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114705.D

Acq: 31 May 2019 13:52

Tgt Ion: 136 Resp: 1333409

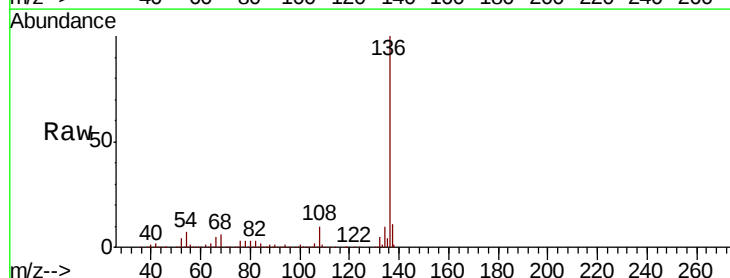
Ion Ratio Lower Upper

136 100

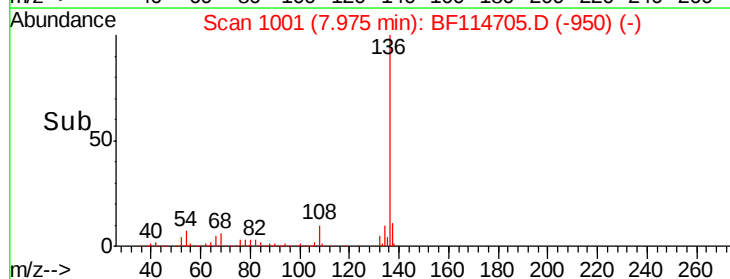
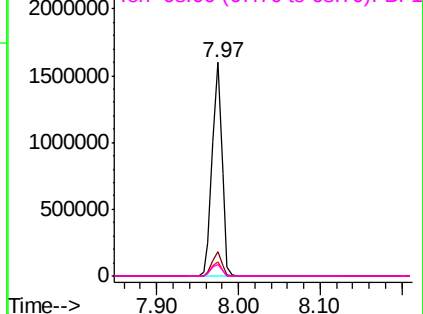
137 11.5 9.3 13.9

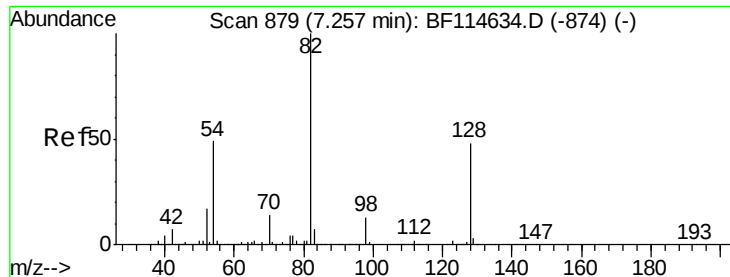
54 6.8 6.3 9.5

68 5.7 5.4 8.0



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

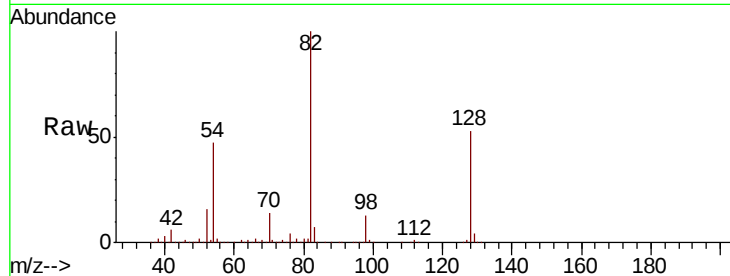




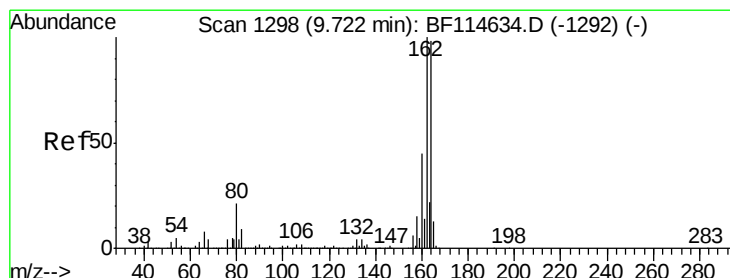
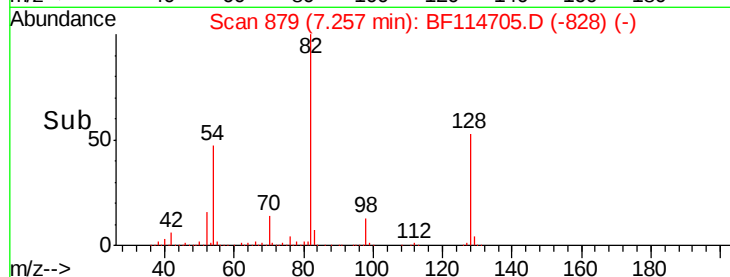
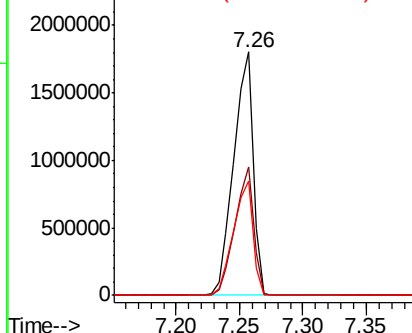
#23
Nitrobenzene-d5
Concen: 89.206 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Instrument :
BNA_F
ClientSampleId :
FEQC-052119

Tot Ion: 82 Resp: 1906559
Ion Ratio Lower Upper
82 100
128 52.8 38.5 57.7
54 47.0 39.1 58.7

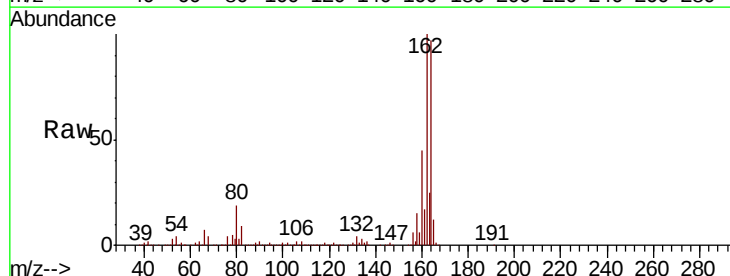


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

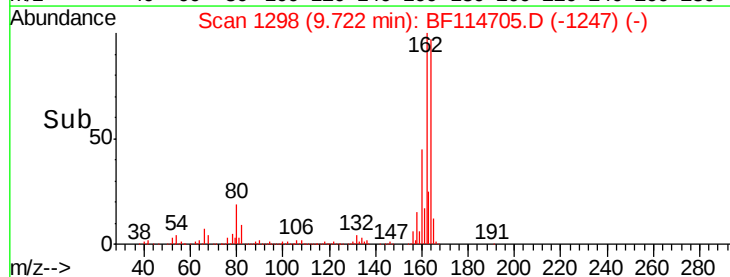
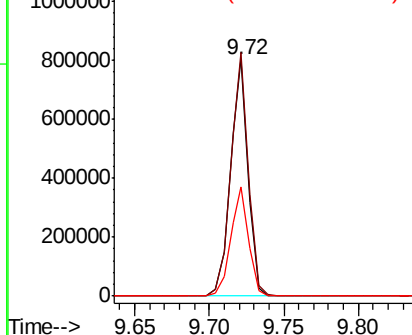


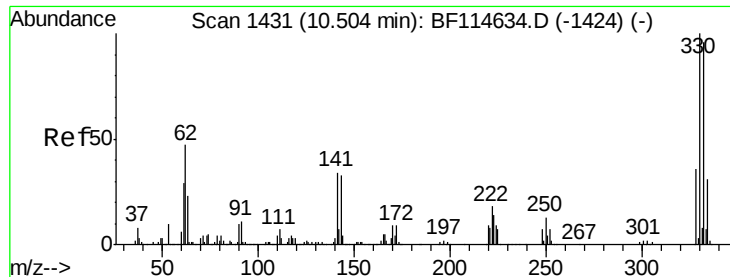
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Tgt Ion: 164 Resp: 665431
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.2
160 46.3 36.6 54.8



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: 135.799 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114705.D

Acq: 31 May 2019 13:52

Instrument :

BNA_F

ClientSampleId :

FEQC-052119

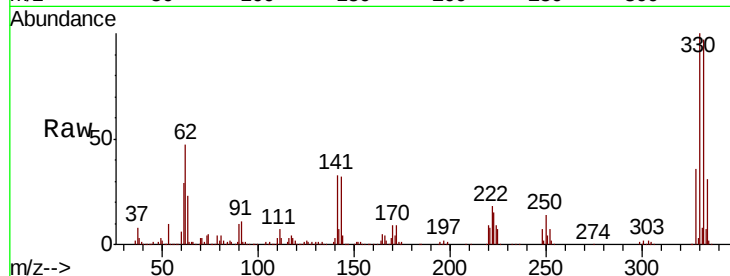
Tot Ion:330 Resp: 861035

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.8

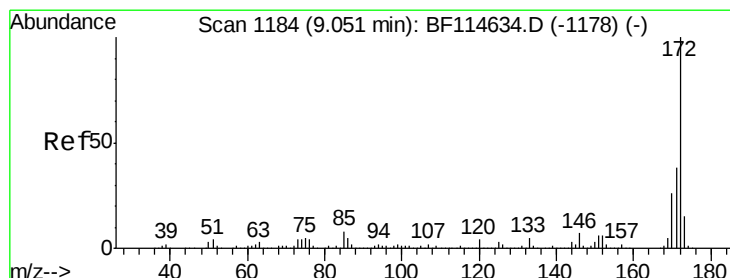
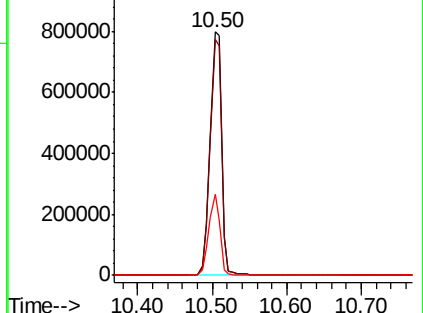
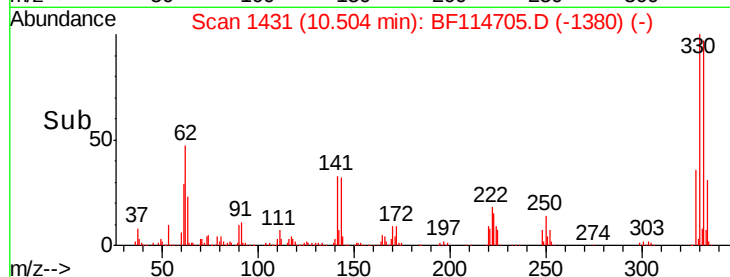
141 32.4 27.8 41.8



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: 94.961 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114705.D

Acq: 31 May 2019 13:52

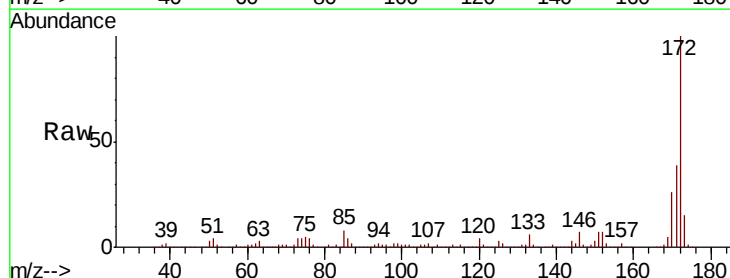
Tgt Ion:172 Resp: 3297441

Ion Ratio Lower Upper

172 100

171 39.0 30.6 45.8

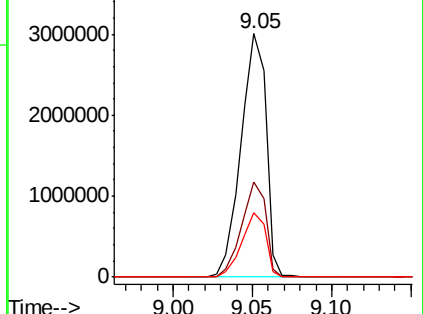
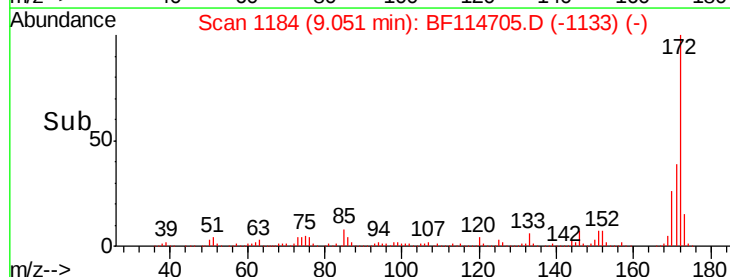
170 26.4 20.7 31.1

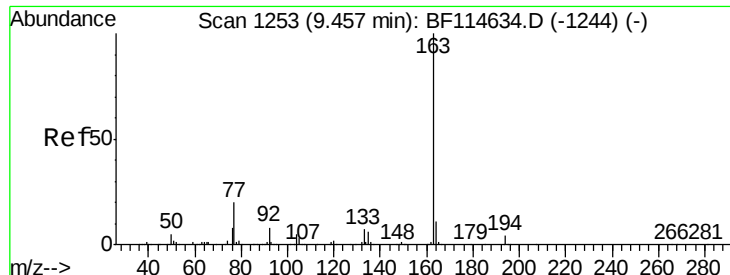


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

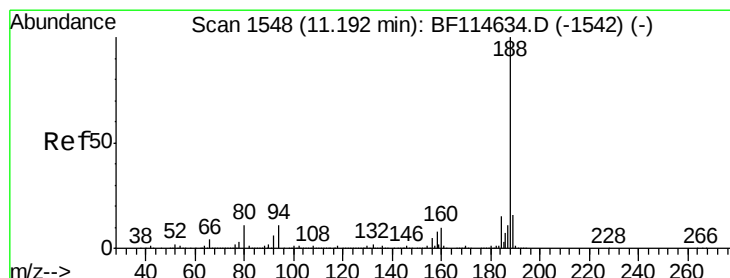
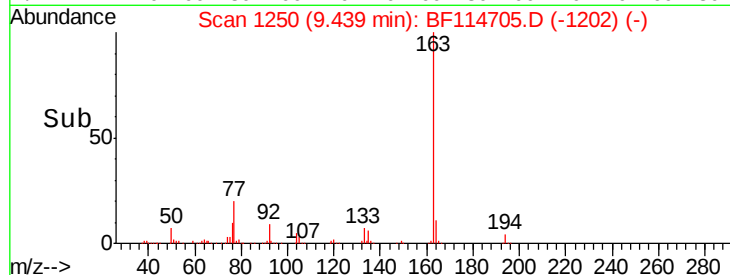
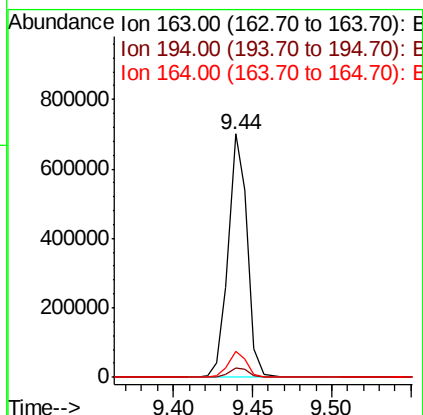
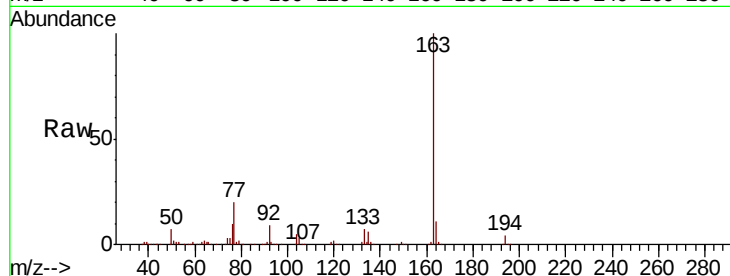




#50
Dimethylphthalate
Concen: 12.508 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

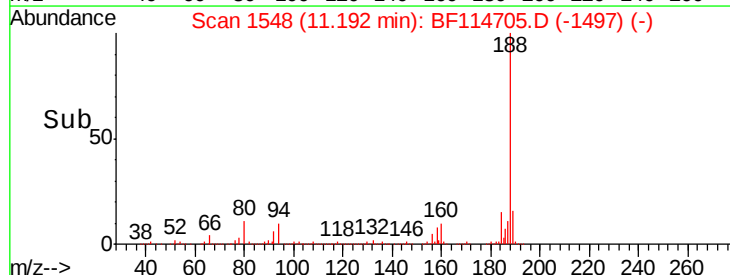
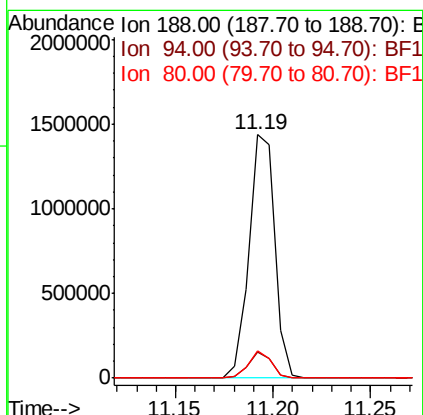
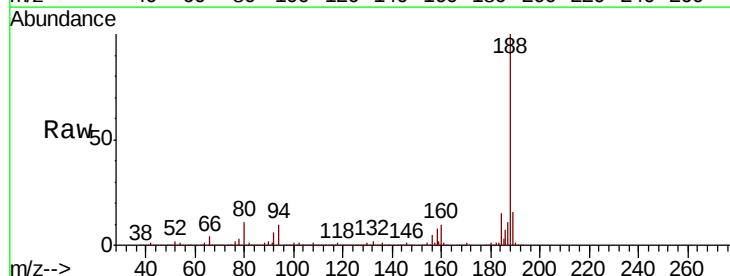
Instrument :
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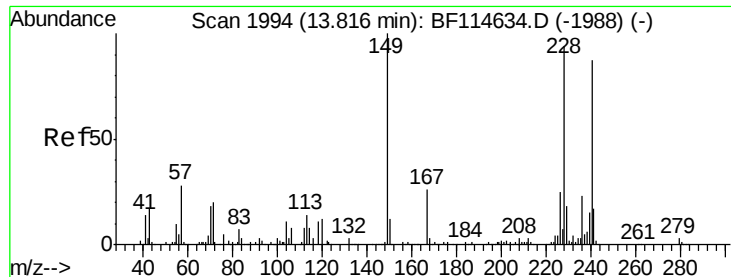
Tot Ion:163 Resp: 579971
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.6 8.6 13.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Tgt Ion:188 Resp: 1315763
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.0 9.0 13.6

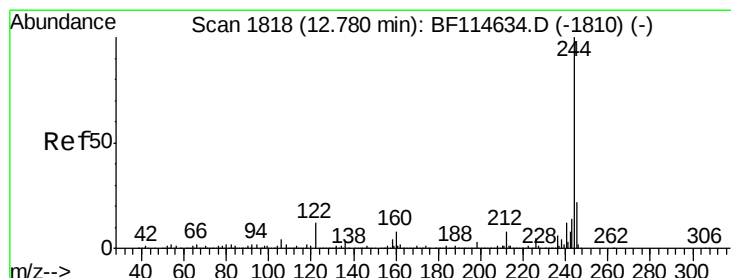
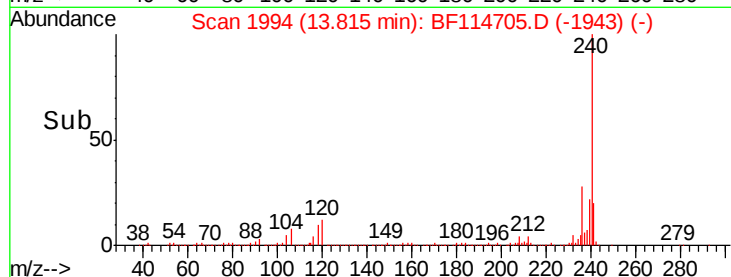
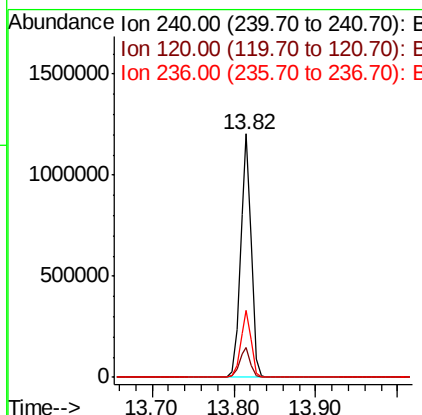
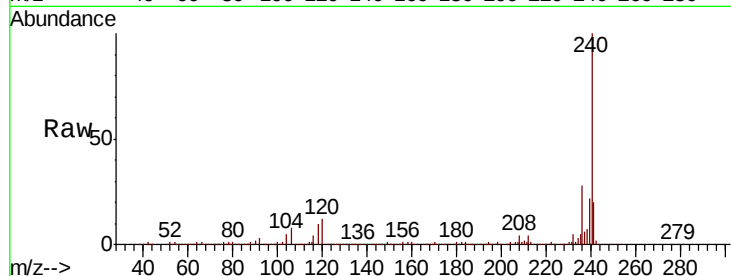




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

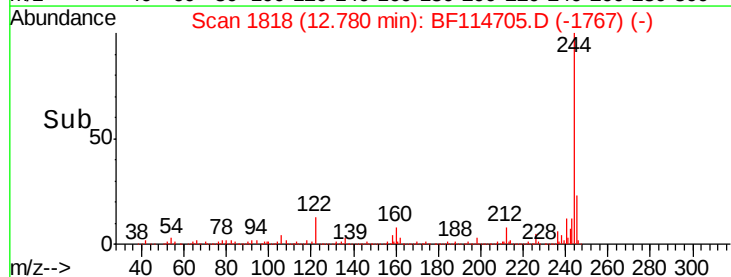
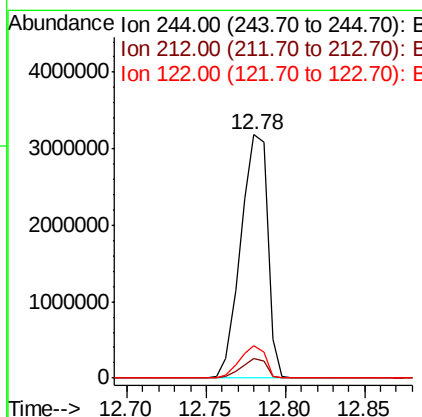
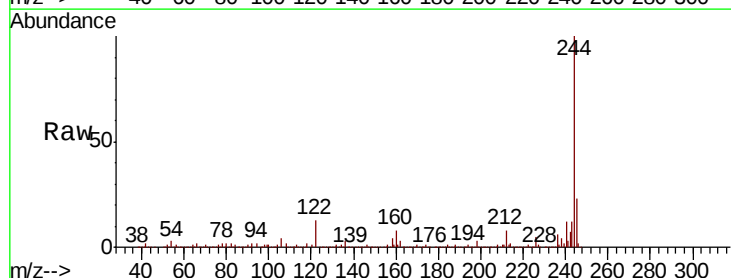
Instrument :
BNA_F
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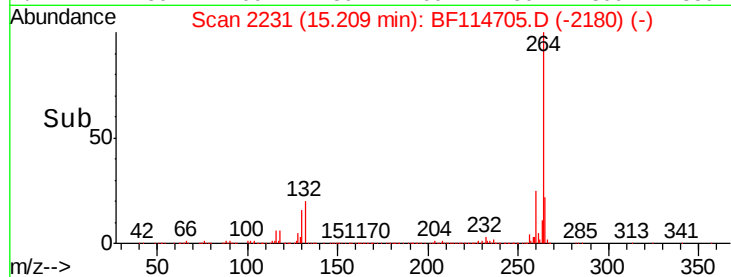
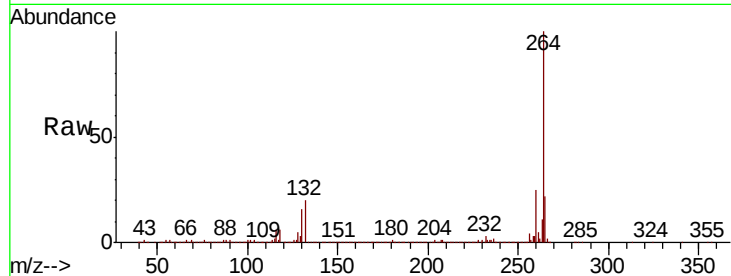
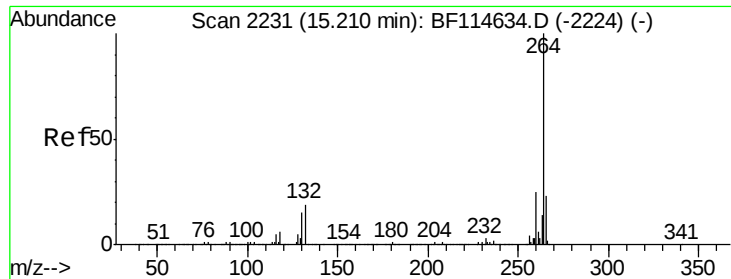
Tot Ion:240 Resp: 1084960
Ion Ratio Lower Upper
240 100
120 12.3 11.2 16.8
236 27.6 21.2 31.8



#79
Terphenyl-d14
Concen: 64.809 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Tgt Ion:244 Resp: 3739868
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 13.1 9.8 14.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114705.D
Acq: 31 May 2019 13:52

Instrument :
BNA_F
ClientSampleId :
FEQC-052119

Tot Ion:264 Resp: 1030789

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	18.1	27.1

