

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 07:41:36 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	163108	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	612889	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	299588	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	634291	20.00	ng	0.00
76) Chrysene-d12	13.98	240	535210	20.00	ng	0.00
87) Perylene-d12	15.44	264	561998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	651920	64.32	ng	0.00
7) Phenol-d6	6.46	99	547684	45.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	998697	91.45	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	425870	137.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1775228	89.63	ng	0.00
79) Terphenyl-d14	12.92	244	2083130	80.23	ng	0.00

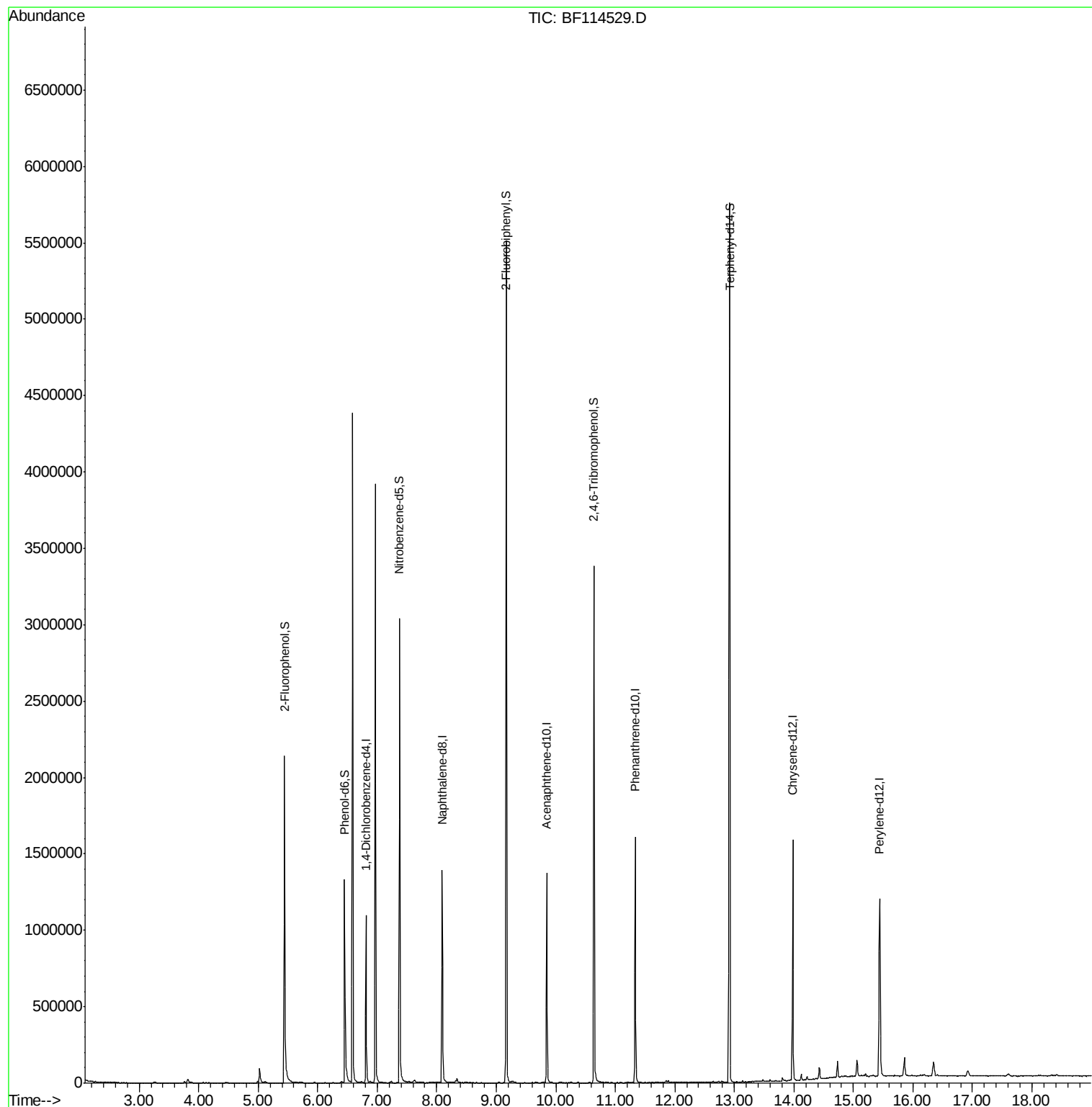
Target Compounds Qvalue

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

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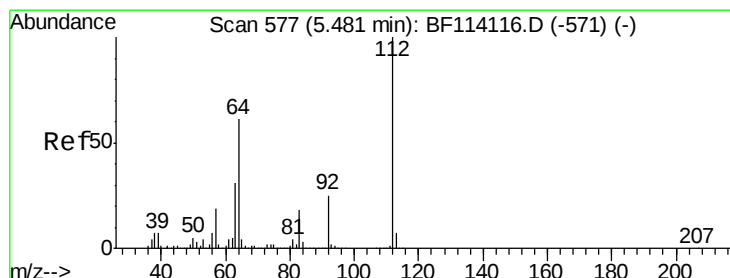
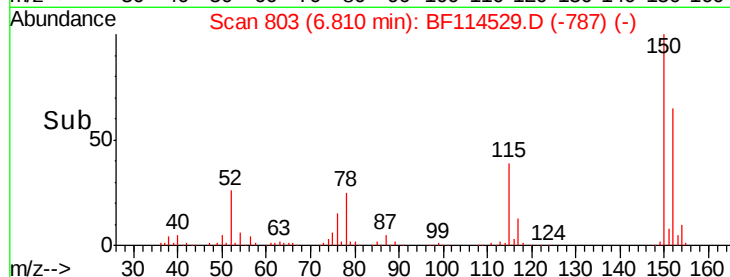
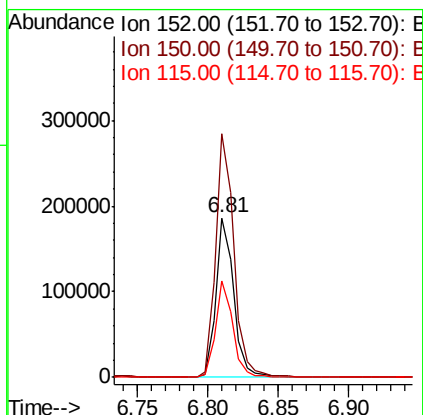
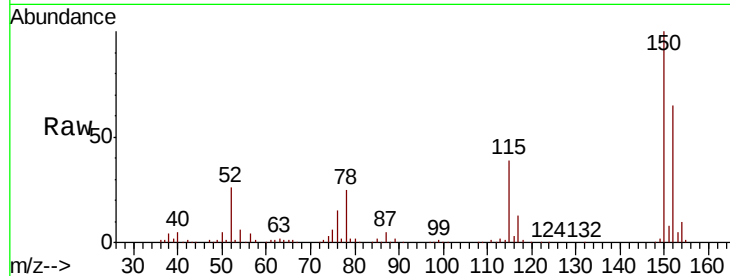


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-FB-051619

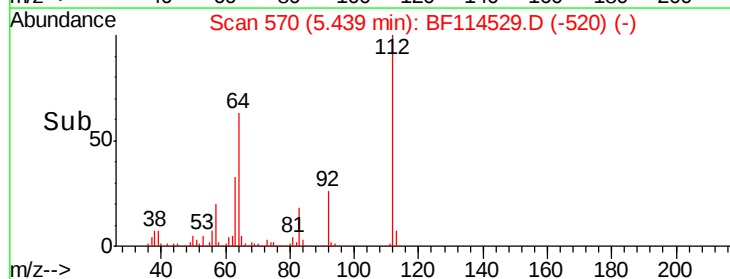
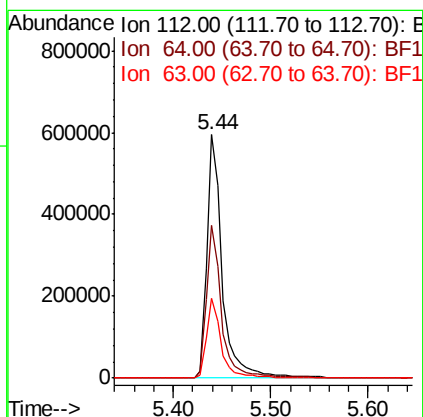
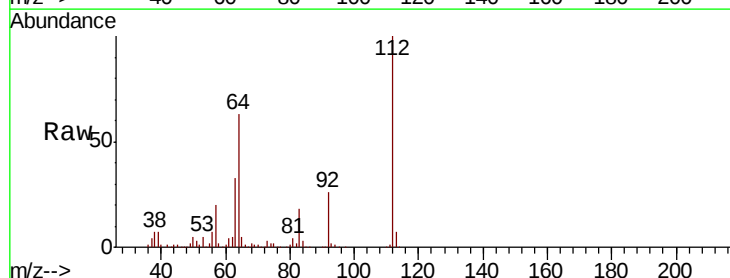
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	60.1	49.1	73.7



#5

2-Fluorophenol
 Concen: 64.320 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.0	73.6
63	32.5	24.6	37.0





#7

Phenol-d6

Concen: 45.687 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FEQC-FB-051619

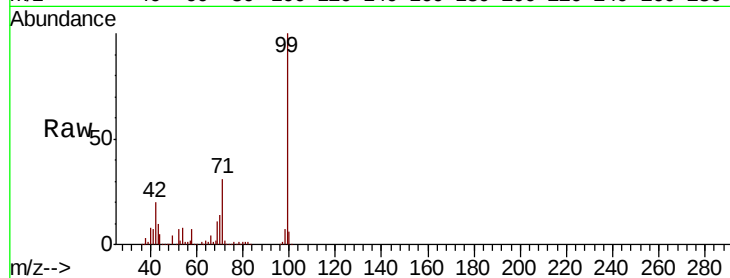
Tot Ion: 99 Resp: 547684

Ion Ratio Lower Upper

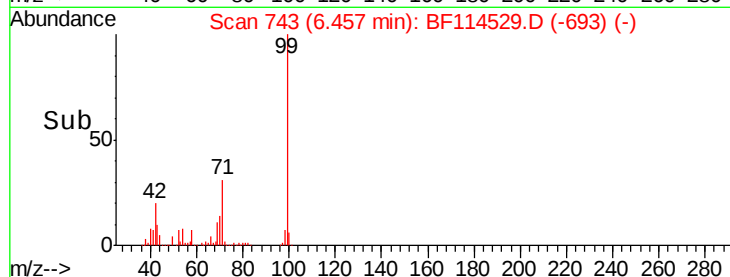
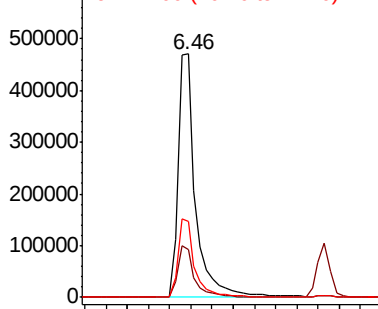
99 100

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Tgt Ion: 136 Resp: 612889

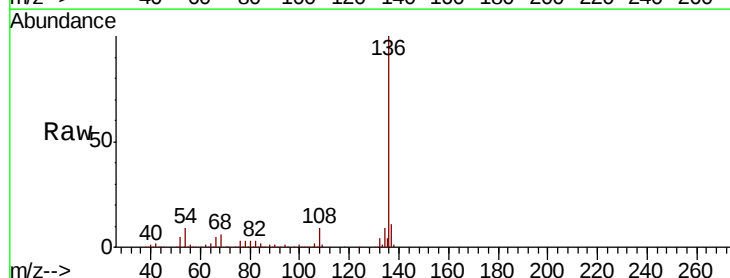
Ion Ratio Lower Upper

136 100

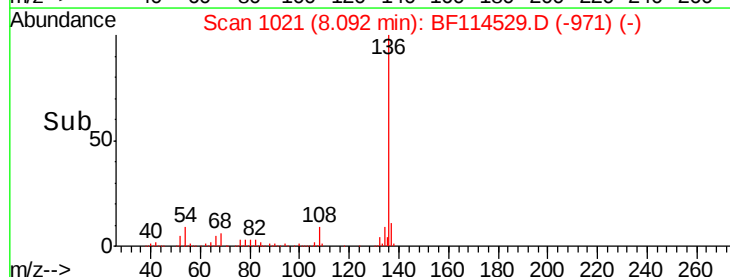
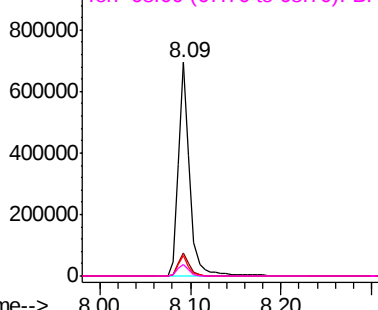
137 11.1 8.8 13.2

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

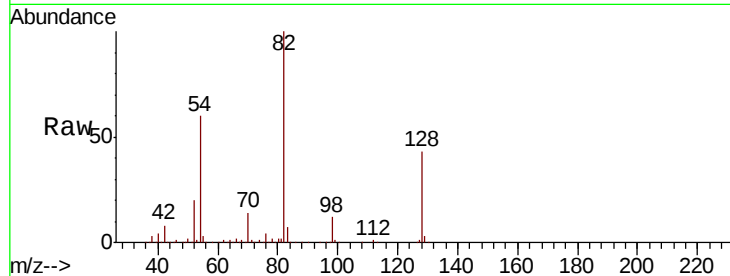




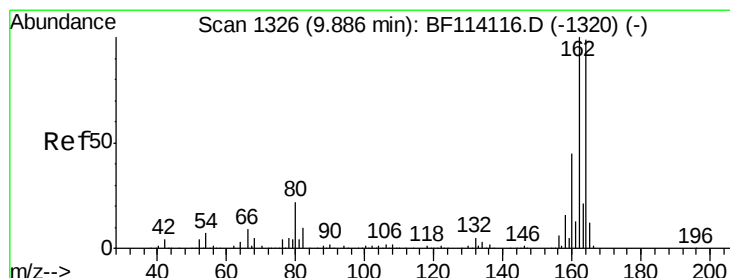
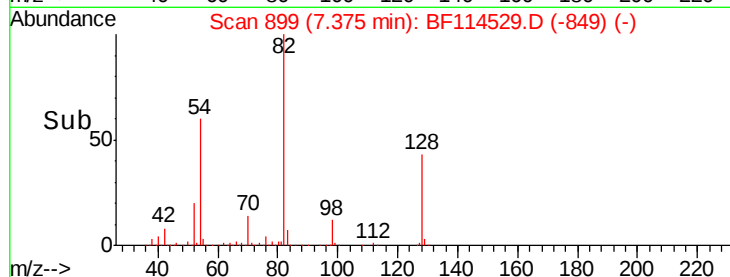
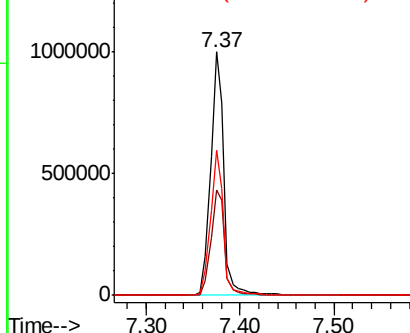
#23
Nitrobenzene-d5
Concen: 91.447 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

Instrument :
BNA_F
ClientSampleId :
FEQC-FB-051619

Tot Ion	82	Resp	998697
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.5	53.3
54	59.8	48.5	72.7

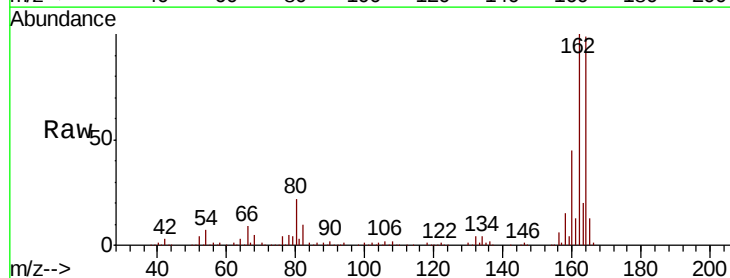


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

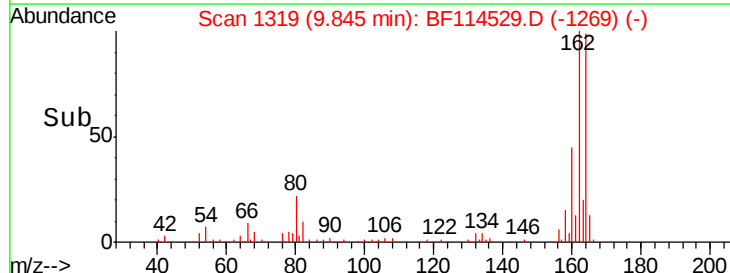
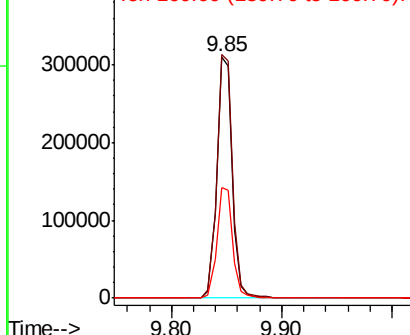


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

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



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 137.500 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

Instrument :

BNA_F

ClientSampleId :

FEQC-FB-051619

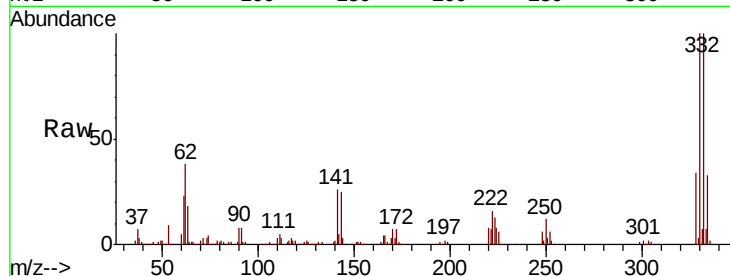
Tot Ion:330 Resp: 425870

Ion Ratio Lower Upper

330 100

332 101.3 81.4 122.2

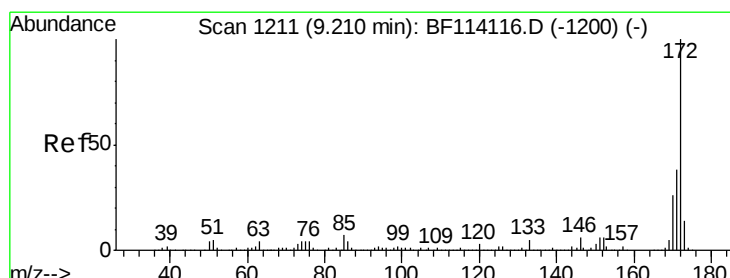
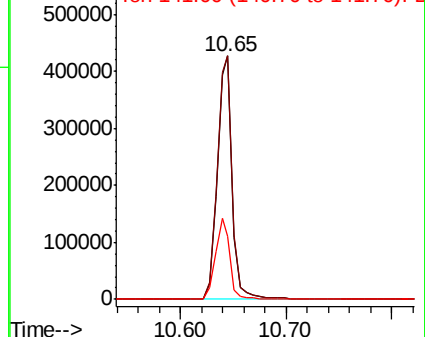
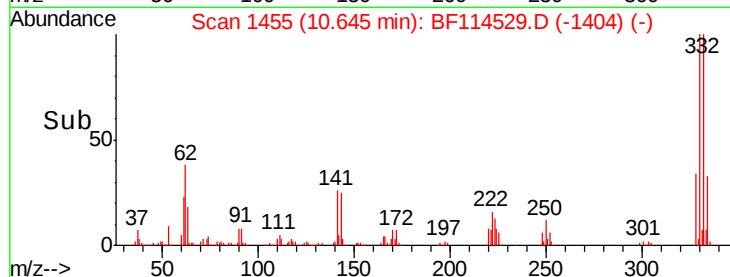
141 32.6 26.6 40.0



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. -0.01 min

Lab File: BF114529.D

Acq: 23 May 2019 16:34

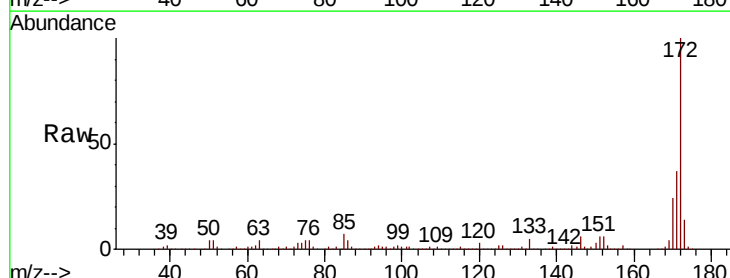
Tgt Ion:172 Resp: 1775228

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

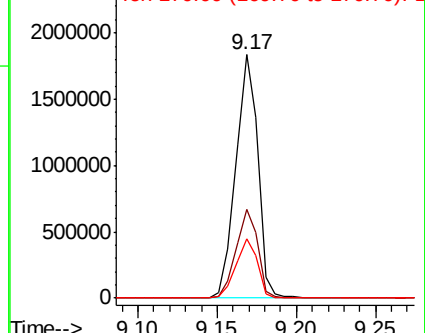
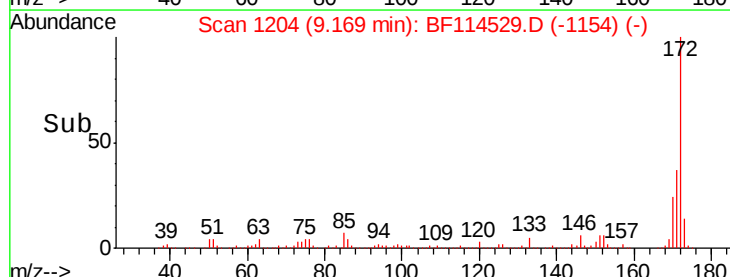
170 24.5 20.5 30.7

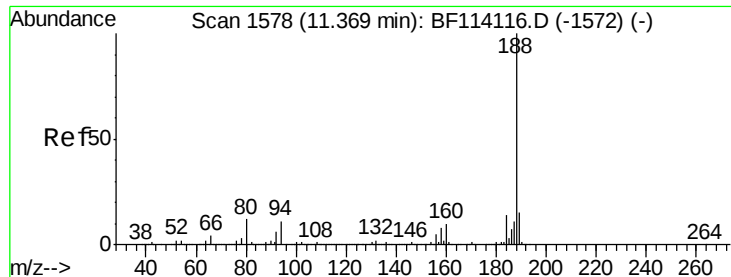


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

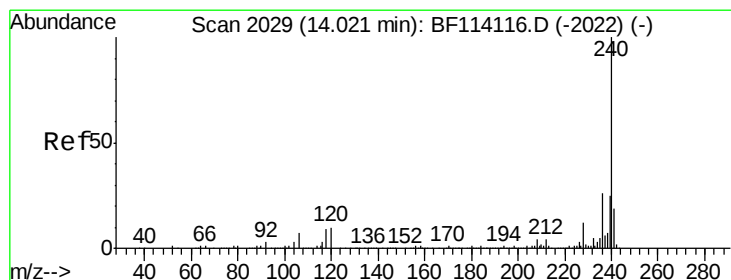
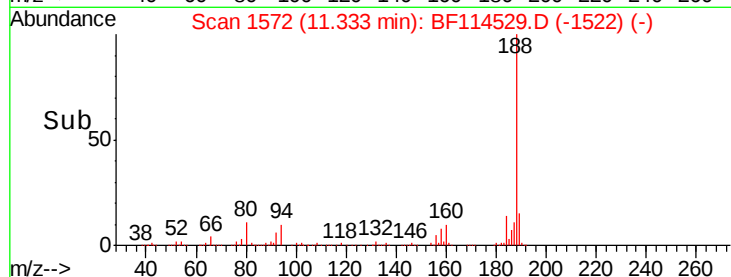
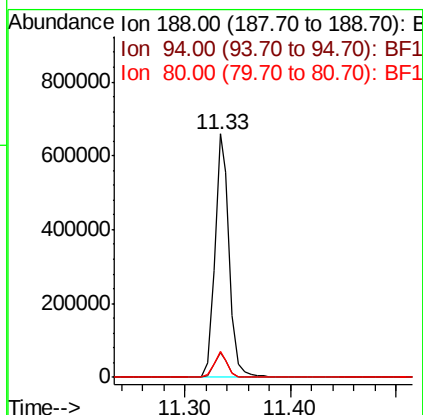
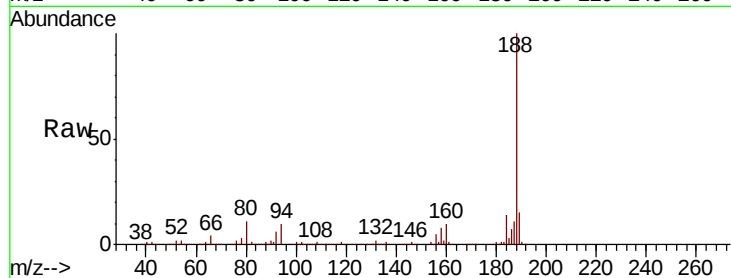




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

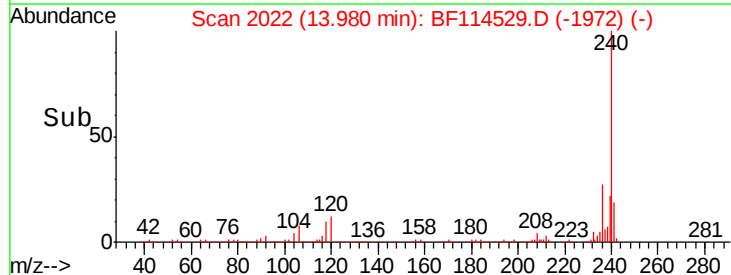
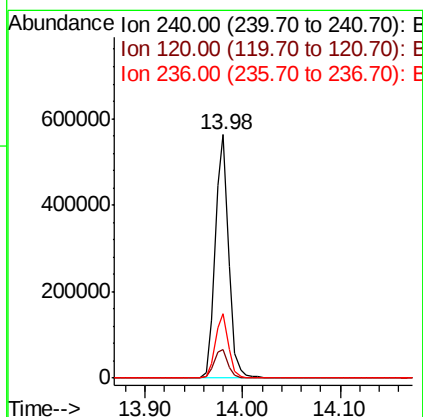
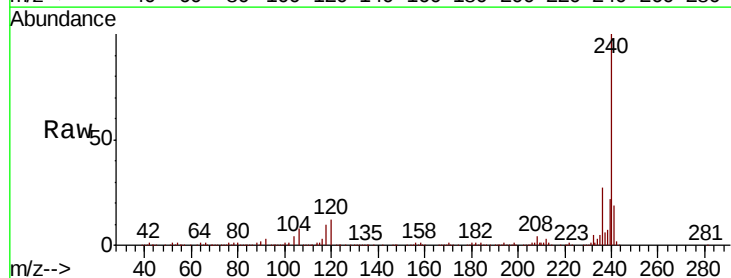
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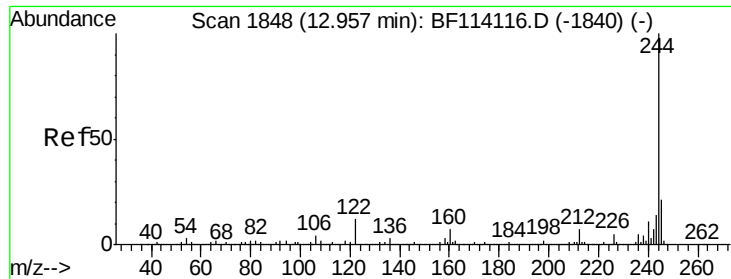
Tot Ion:188 Resp: 634291
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 10.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114529.D
Acq: 23 May 2019 16:34

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

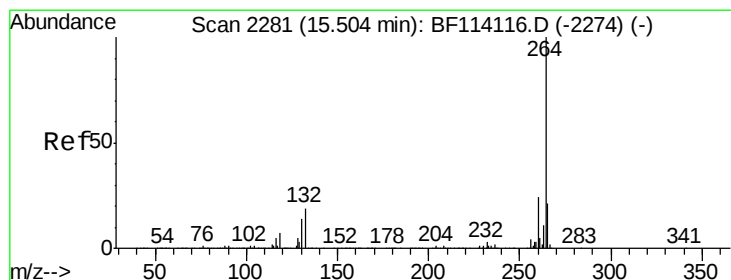
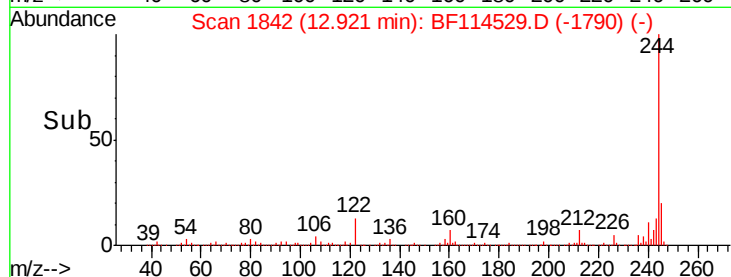
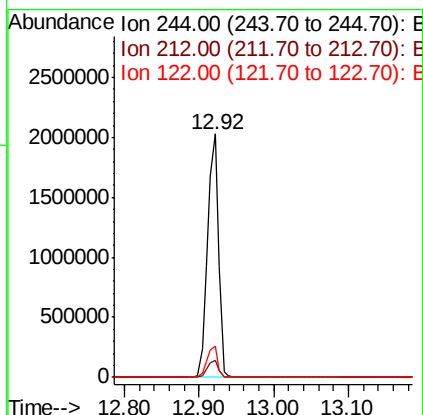
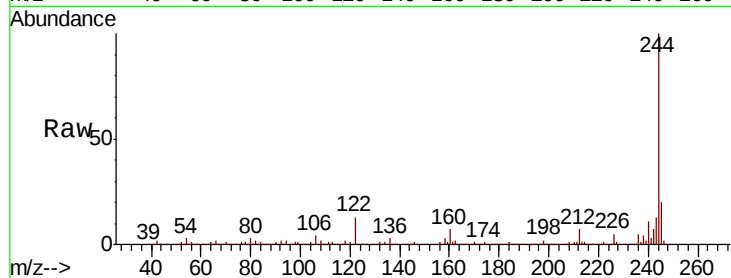




#79
 Terphenyl-d14
 Concen: 80.235 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FEQC-FB-051619

Tot 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
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114529.D
 Acq: 23 May 2019 16:34

Tgt Ion:264 Resp: 561998
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.3 16.9 25.3

