

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114563.D
 Acq On : 24 May 2019 12:10
 Operator : JU/SJ
 Sample : K2966-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

Quant Time: May 24 15:02:29 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	264650	40.00	ng	0.00
21) Naphthalene-d8	8.09	136	1026524	40.00	ng	0.00
39) Acenaphthene-d10	9.85	164	491174	40.00	ng	0.00
64) Phenanthrene-d10	11.34	188	985975	40.00	ng	0.00
76) Chrysene-d12	13.98	240	674699	40.00	ng	0.00
87) Perylene-d12	15.45	264	680534	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	709060	86.23	ng	0.00
7) Phenol-d6	6.46	99	664911	68.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	849727	92.91	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	327835	129.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1446059	89.07	ng	0.00
79) Terphenyl-d14	12.92	244	1658381	101.34	ng	0.00

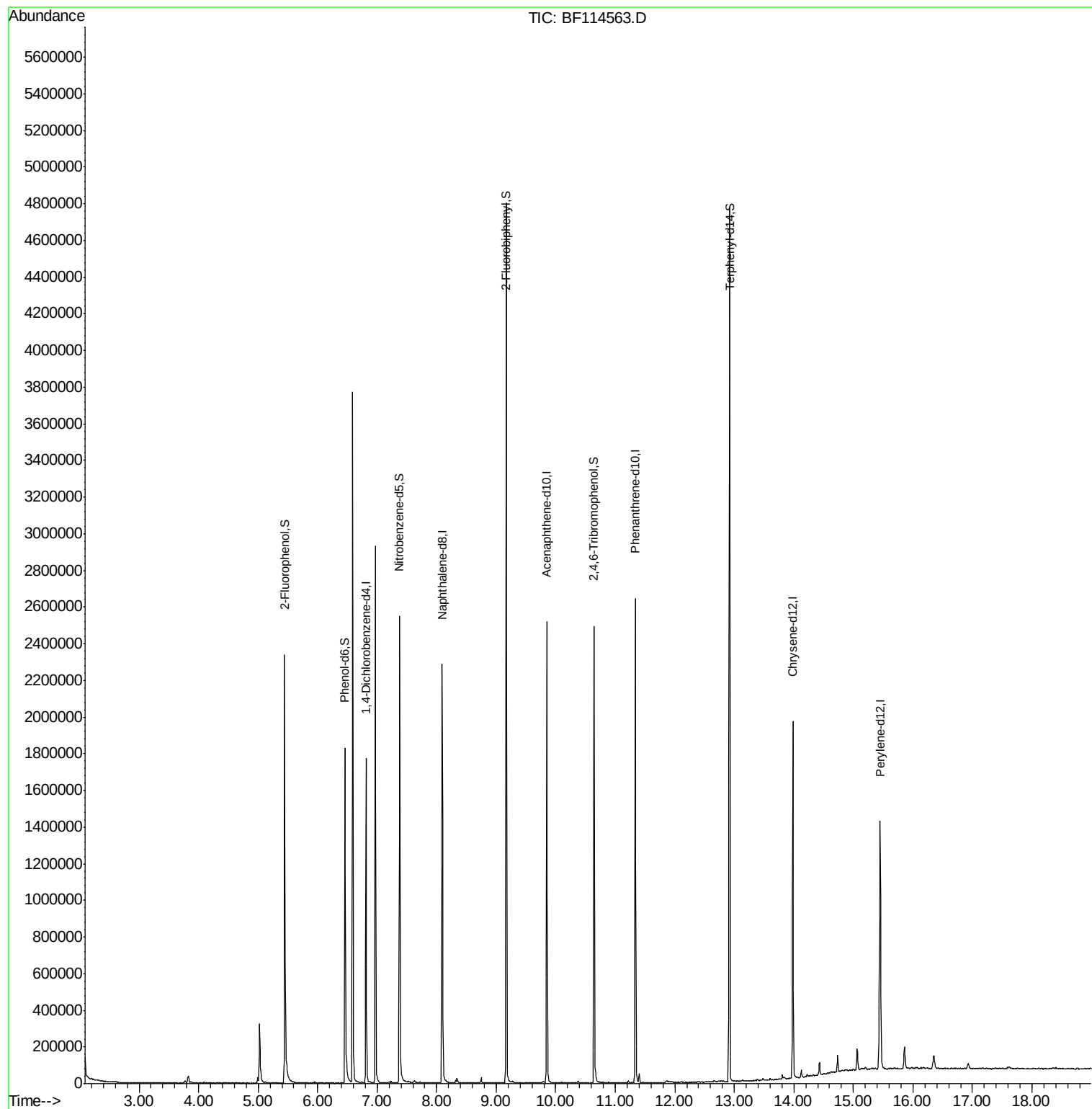
Target Compounds Qvalue

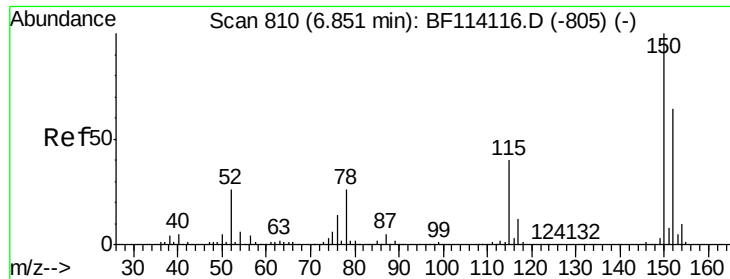
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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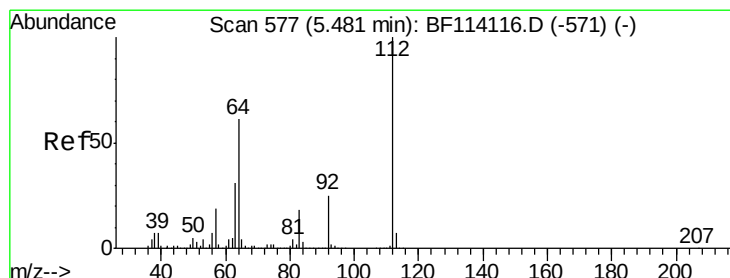
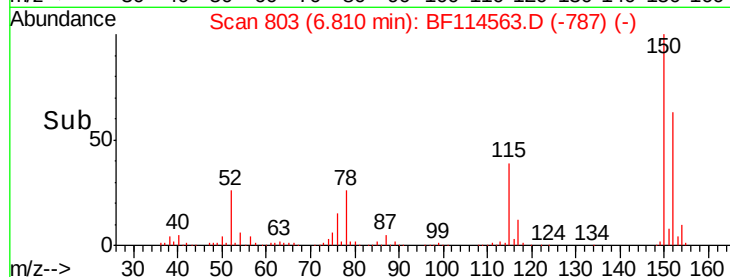
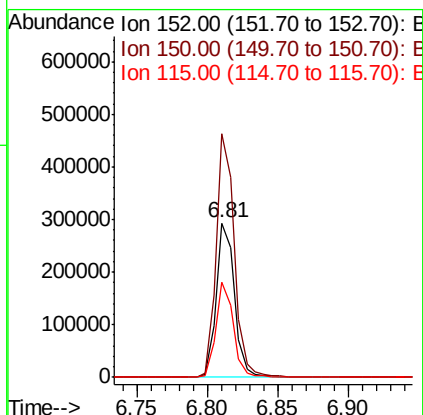
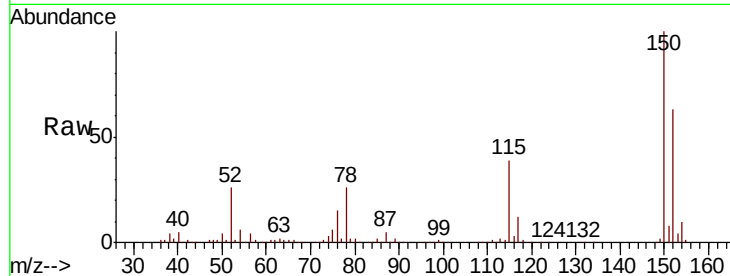


#1

1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

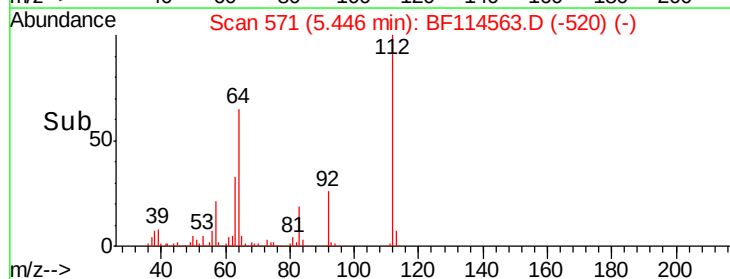
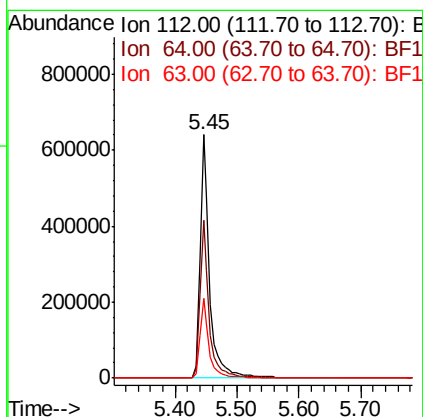
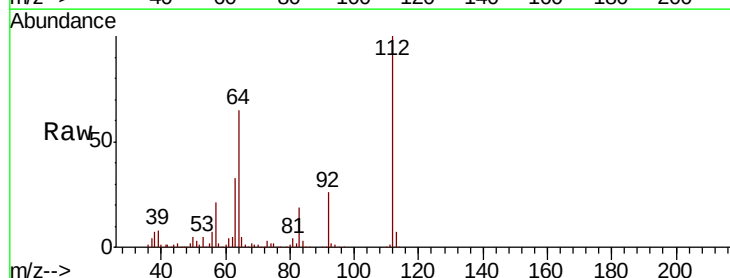
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	61.4	49.1	73.7

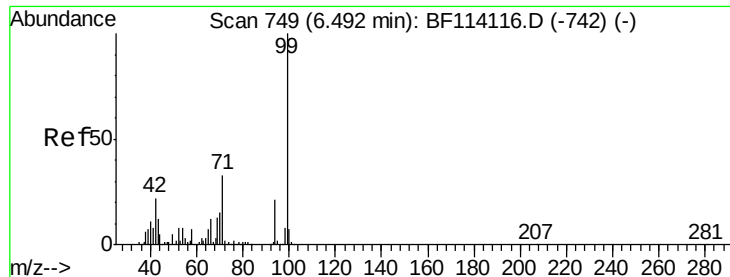


#5

2-Fluorophenol
 Concen: 86.232 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	49.0	73.6
63	32.8	24.6	37.0





#7

Phenol-d6

Concen: 68.369 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

FB-20190520

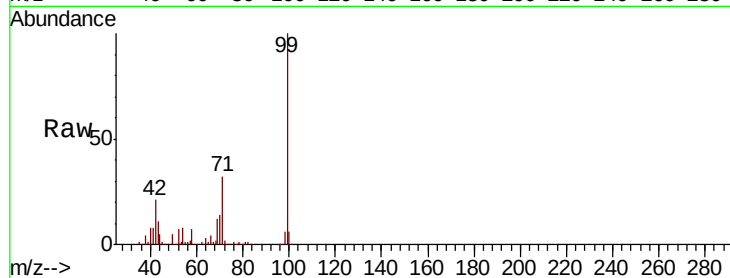
Tot Ion: 99 Resp: 664911

Ion Ratio Lower Upper

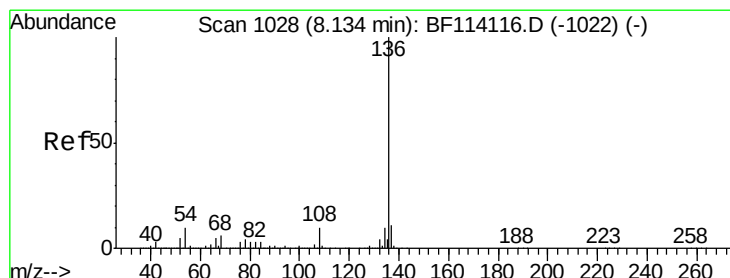
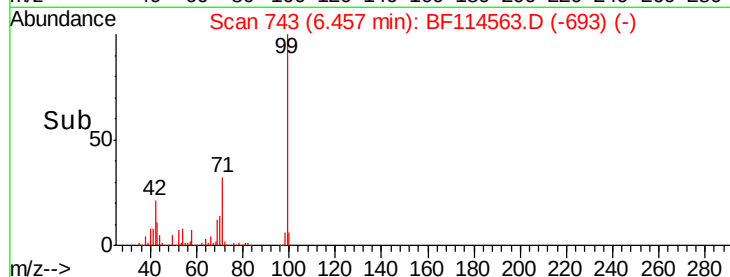
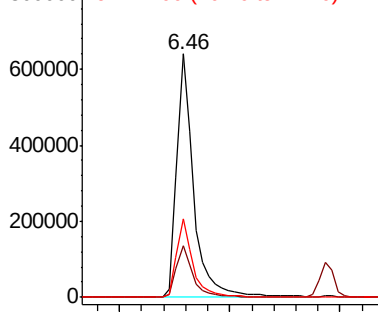
99 100

42 21.4 17.9 26.9

71 32.4 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: 40.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Tgt Ion: 136 Resp: 1026524

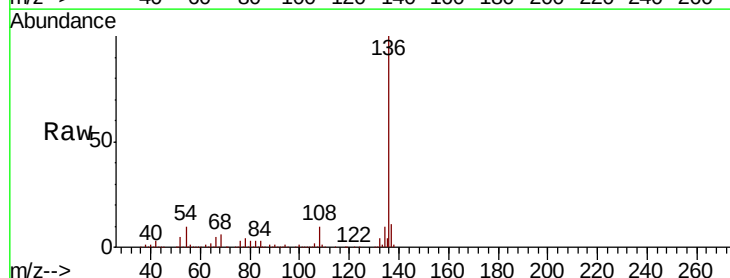
Ion Ratio Lower Upper

136 100

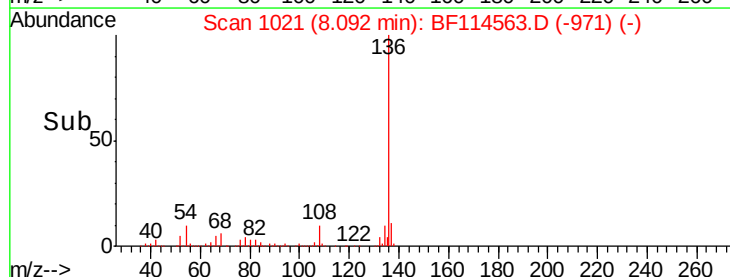
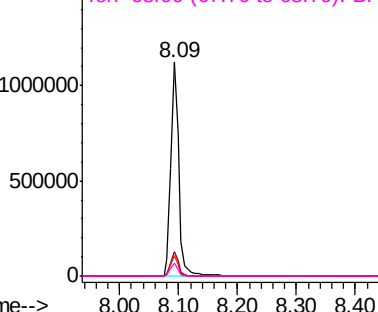
137 11.3 8.8 13.2

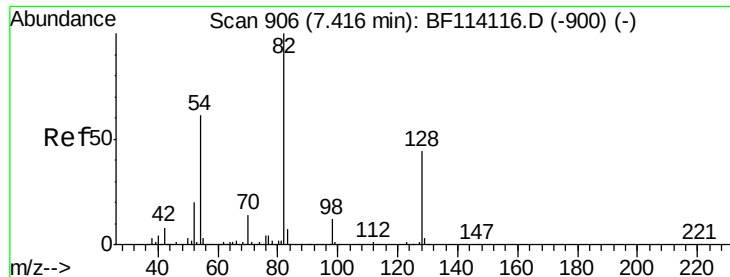
54 9.6 7.8 11.8

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

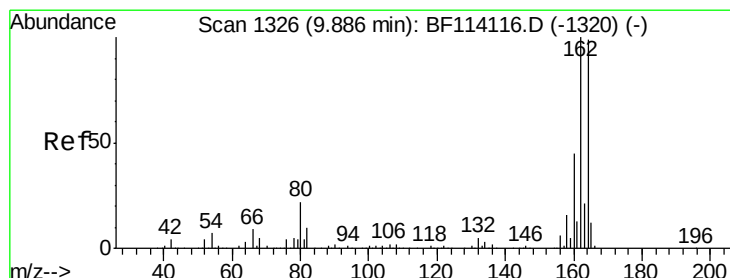
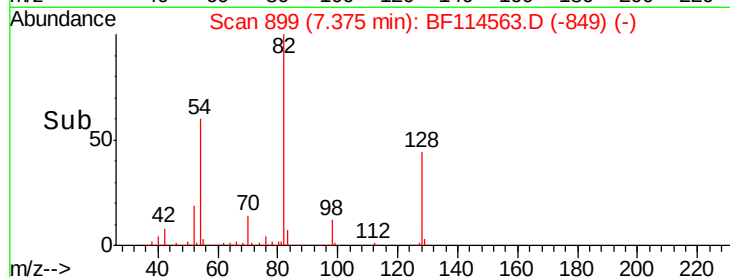
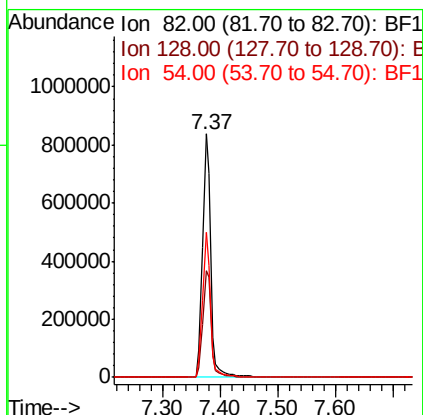
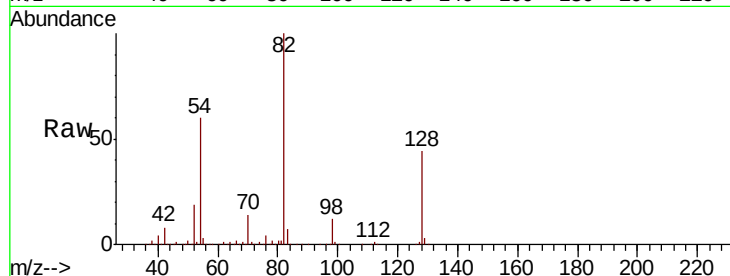




#23
Nitrobenzene-d5
Concen: 92.909 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

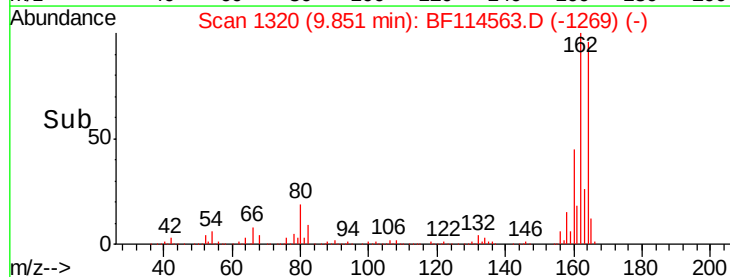
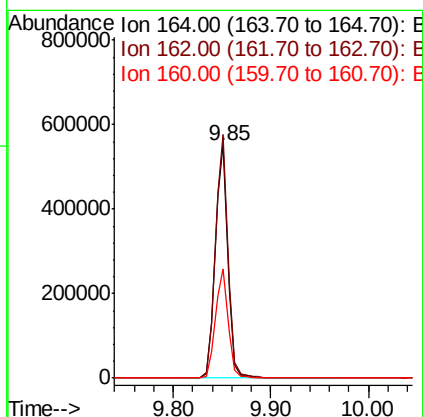
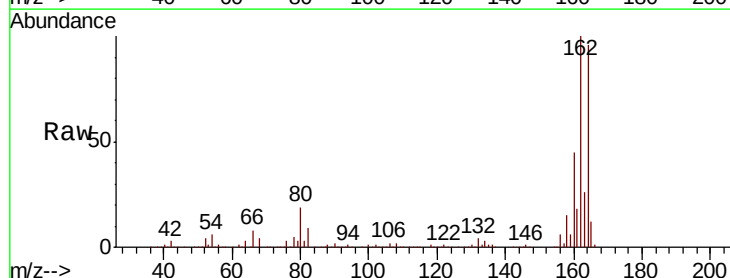
Instrument :
BNA_F
ClientSampled :
FB-20190520

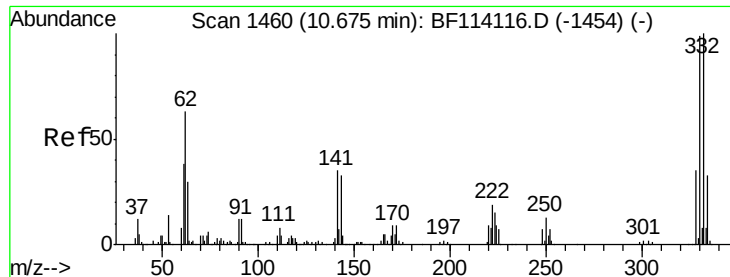
Tot Ion	82	Resp	849727
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.5	53.3
54	59.8	48.5	72.7



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Tgt Ion	164	Resp	491174
Ion Ratio	Lower	Upper	
164	100		
162	104.4	80.6	120.8
160	46.8	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 129.122 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

FB-20190520

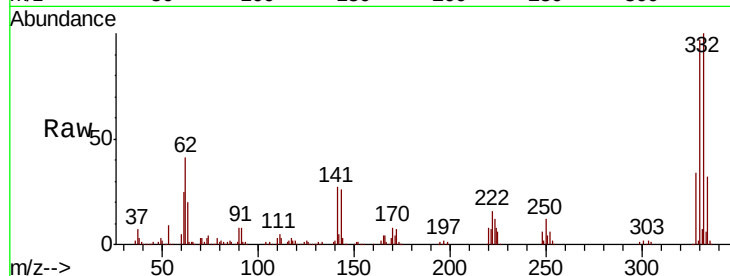
Tot Ion:330 Resp: 327835

Ion Ratio Lower Upper

330 100

332 102.0 81.4 122.2

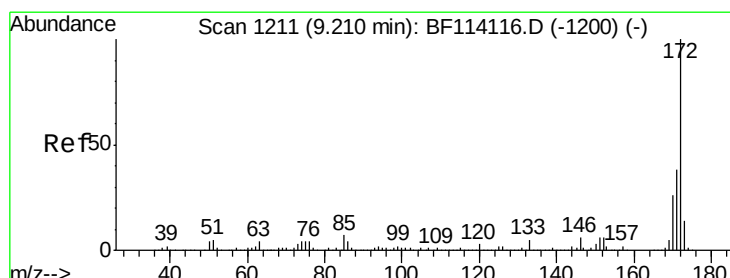
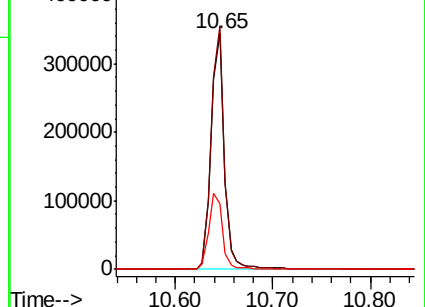
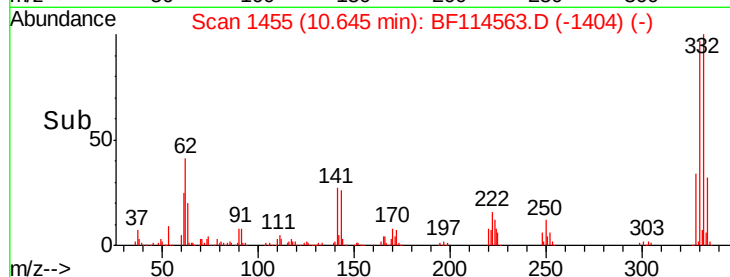
141 33.2 26.6 40.0



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: 89.068 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114563.D

Acq: 24 May 2019 12:10

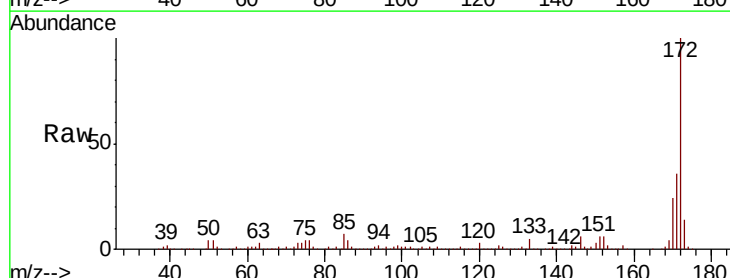
Tgt Ion:172 Resp: 1446059

Ion Ratio Lower Upper

172 100

171 35.7 30.7 46.1

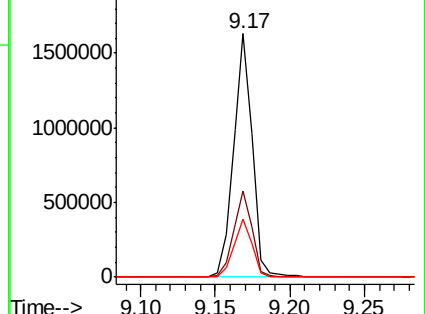
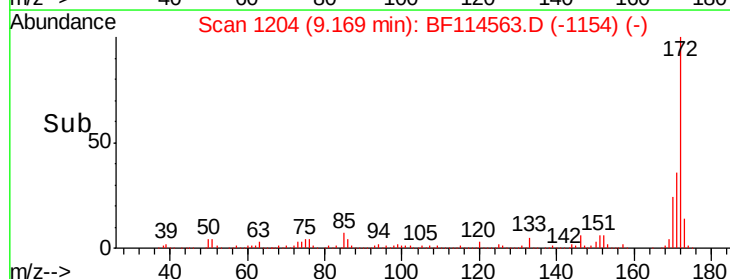
170 23.8 20.5 30.7

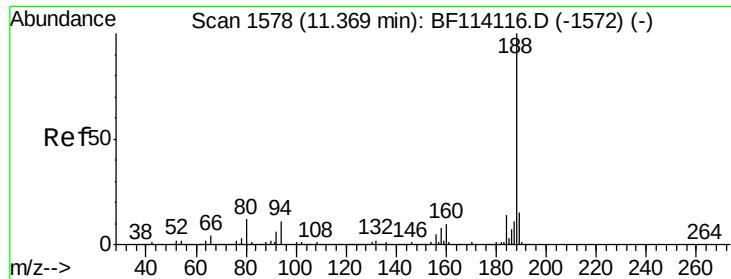


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

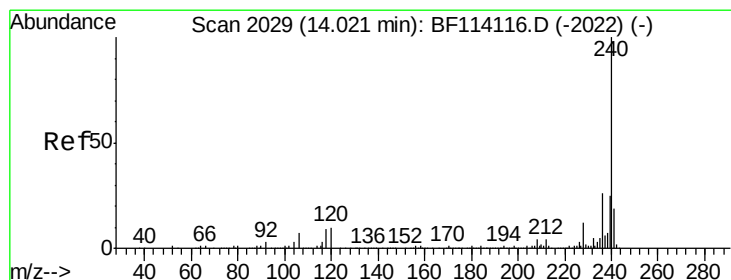
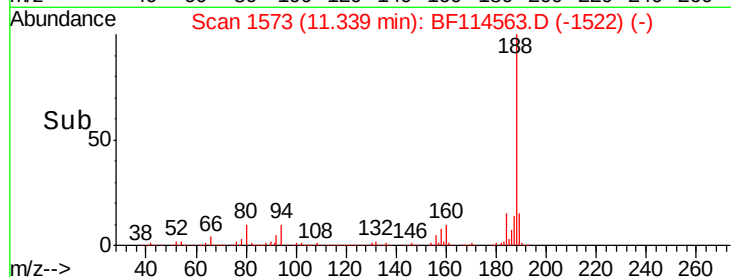
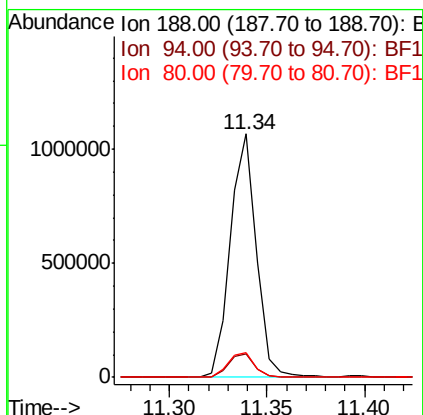
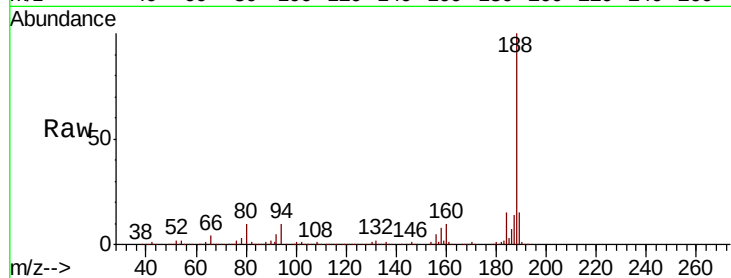




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

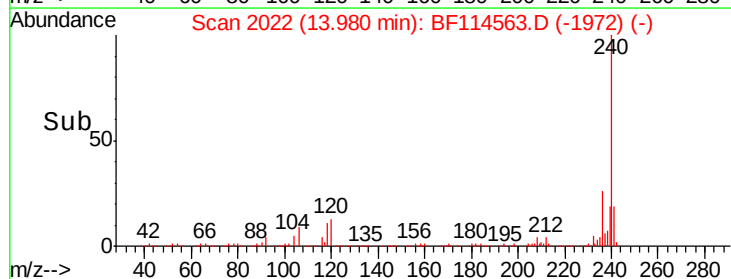
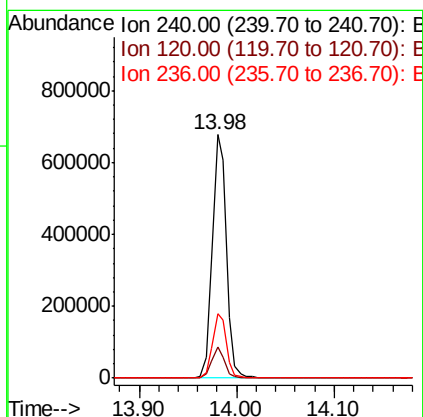
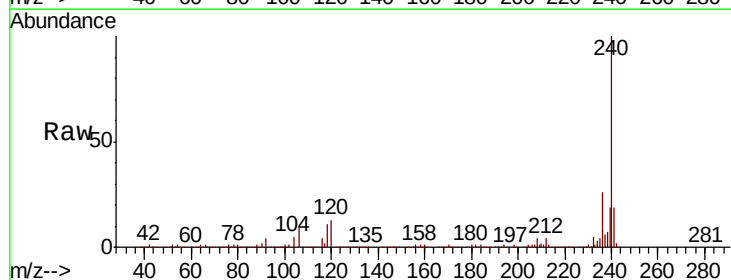
Instrument :
BNA_F
ClientSampleId :
FB-20190520

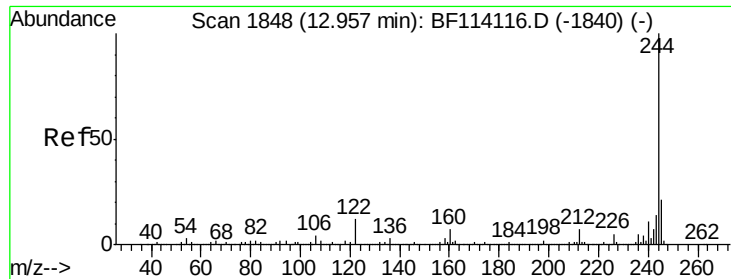
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.4	12.6
80	9.9	9.2	13.8



#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114563.D
Acq: 24 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.2	20.8	31.2

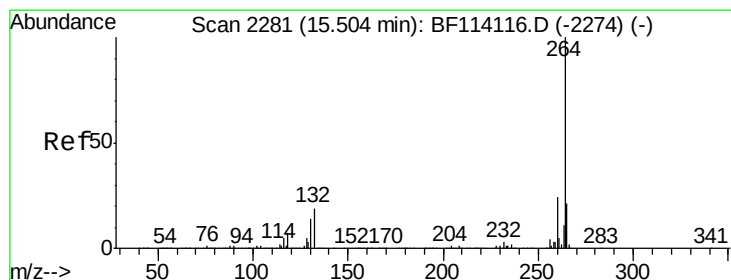
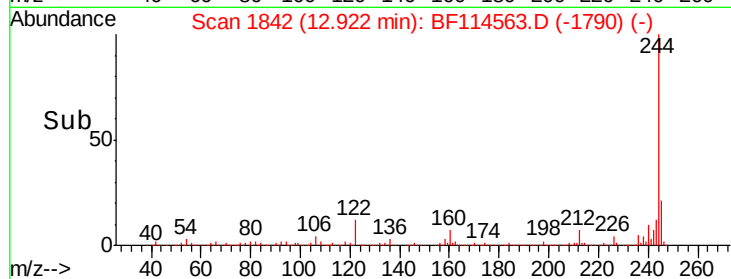
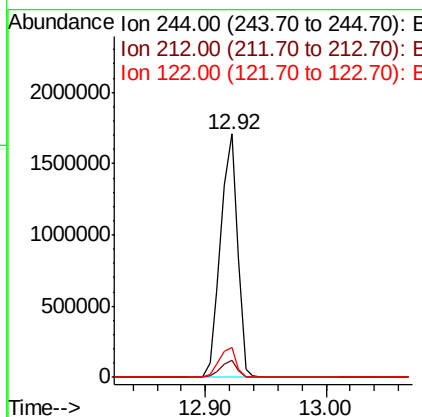
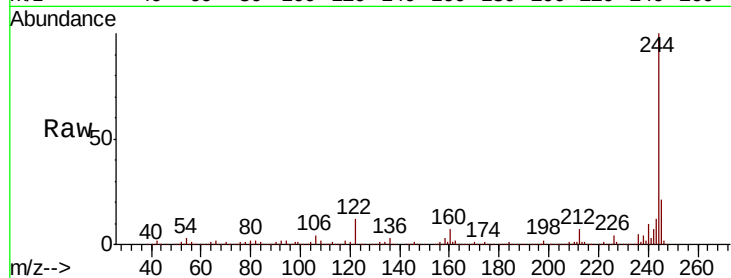




#79
 Terphenyl-d14
 Concen: 101.338 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190520

Tot Ion:244 Resp: 1658381
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.3 9.4 14.2



#87
 Perylene-d12
 Concen: 40.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF114563.D
 Acq: 24 May 2019 12:10

Tgt Ion:264 Resp: 680534
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.5 16.9 25.3

