

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114575.D
 Acq On : 24 May 2019 17:52
 Operator : JU/SJ
 Sample : K2993-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 24 23:04:44 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

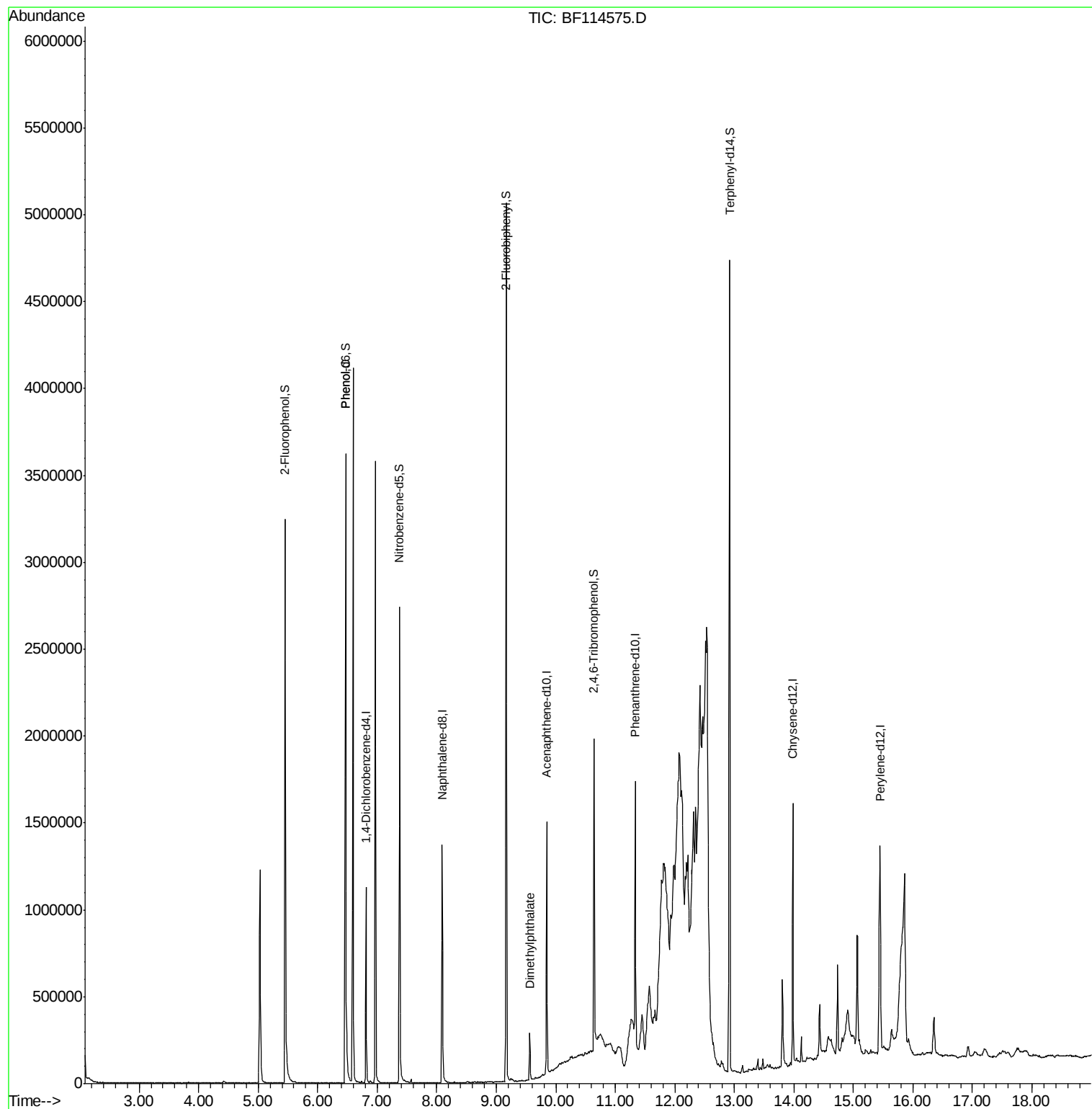
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162946	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	626038	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	296422	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	589682	20.00	ng	0.00
76) Chrysene-d12	13.98	240	458085	20.00	ng	0.00
87) Perylene-d12	15.45	264	435560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	959907	94.80	ng	0.00
7) Phenol-d6	6.47	99	1387400	115.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	886634	79.48	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	232652	75.92	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1553563	79.28	ng	0.00
79) Terphenyl-d14	12.92	244	1660884	74.74	ng	0.00
Target Compounds						
10) Phenol	6.47	94	34698	2.463	ng	Qvalue # 67
50) Dimethylphthalate	9.56	163	106859	4.911	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114575.D
Acq On : 24 May 2019 17:52
Operator : JU/SJ
Sample : K2993-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Time: May 24 23:04:44 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



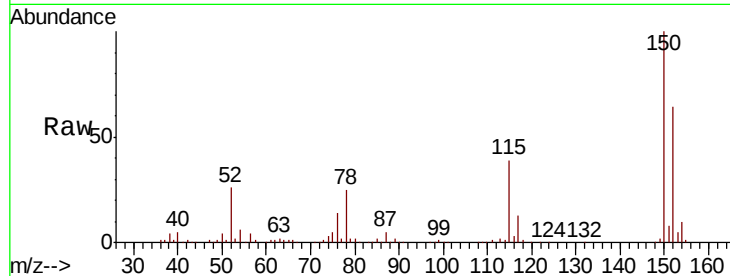


#1

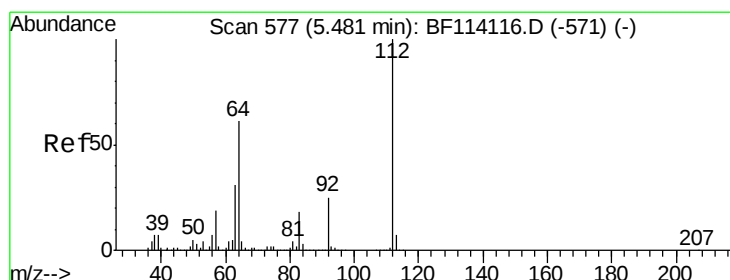
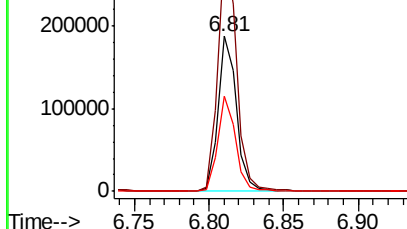
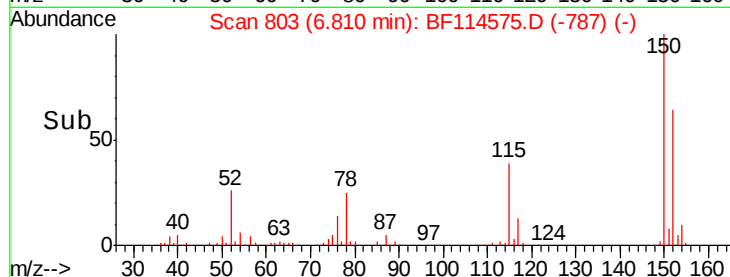
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:152 Resp: 162946
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 61.6 49.1 73.7



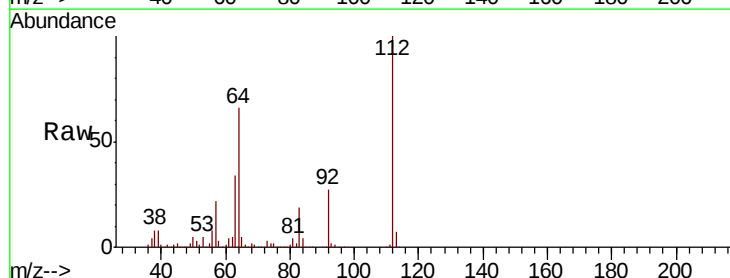
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



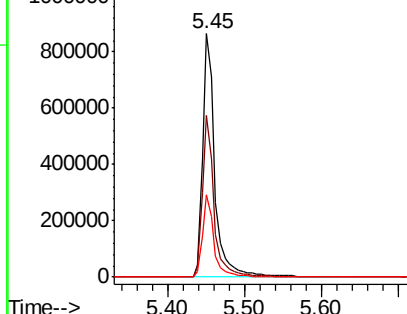
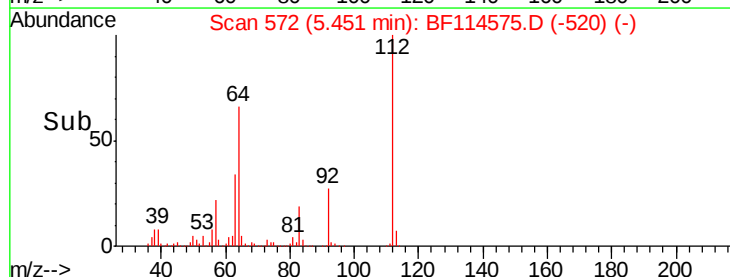
#5

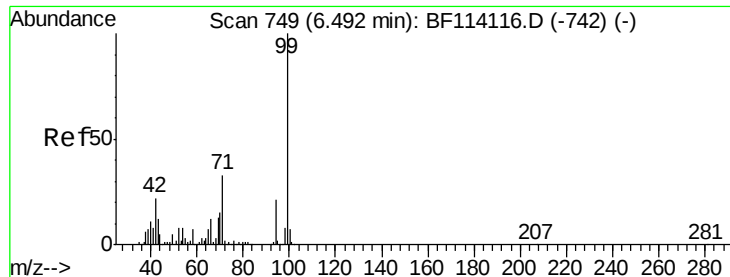
2-Fluorophenol
Concen: 94.801 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Tgt Ion:112 Resp: 959907
Ion Ratio Lower Upper
112 100
64 66.4 49.0 73.6
63 34.1 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: 115.851 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

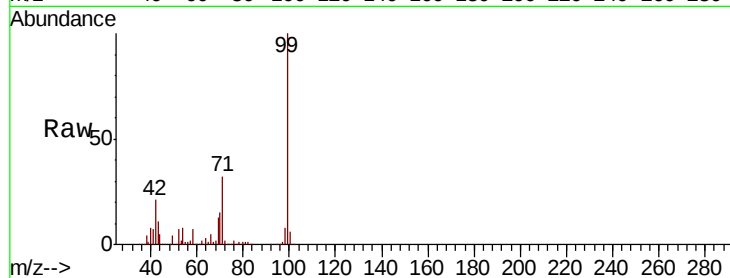
Tot Ion: 99 Resp: 1387400

Ion Ratio Lower Upper

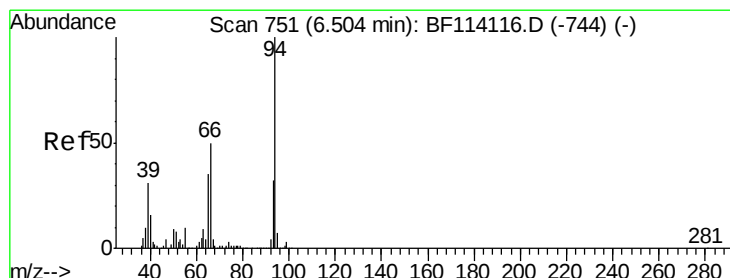
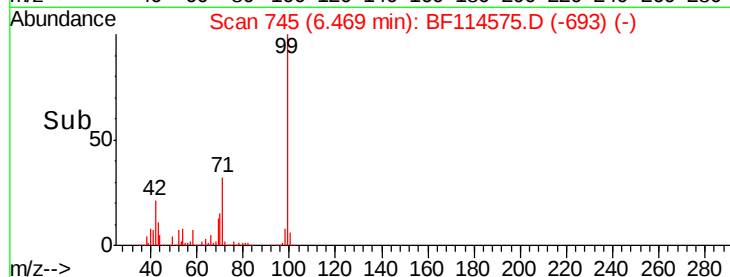
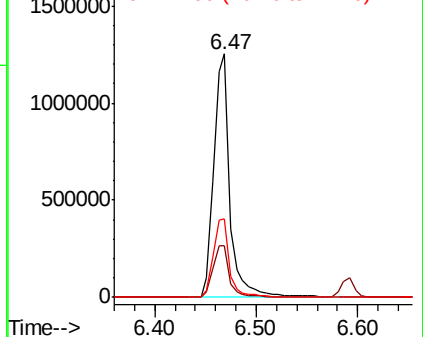
99 100

42 21.3 17.9 26.9

71 32.3 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



#10

Phenol

Concen: 2.463 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

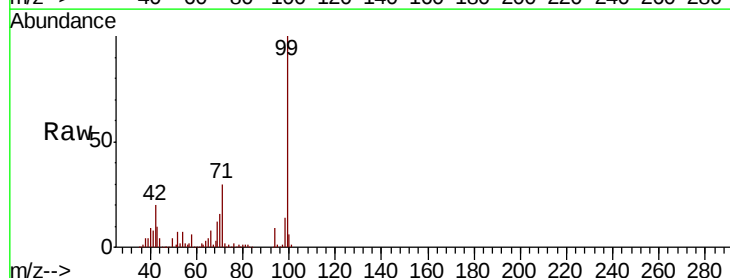
Tgt Ion: 94 Resp: 34698

Ion Ratio Lower Upper

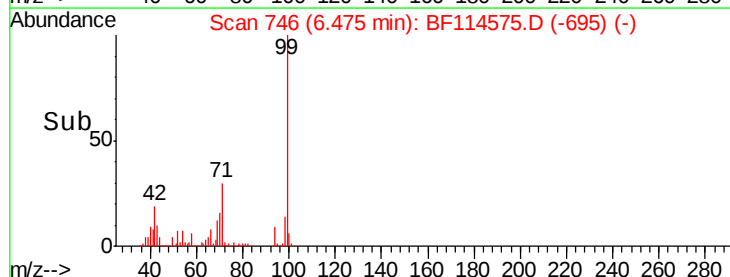
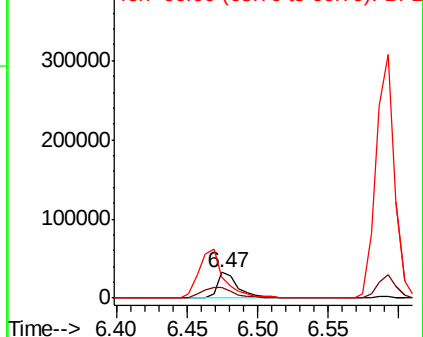
94 100

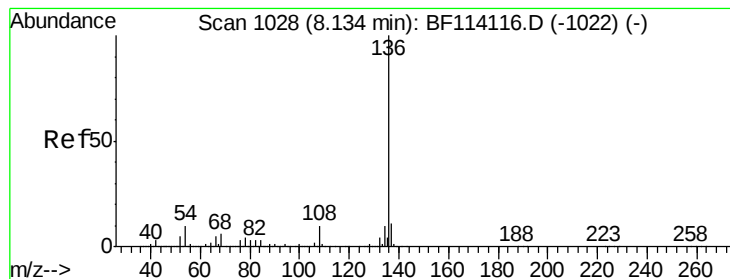
65 40.2 14.7 54.7

66 84.1 29.6 69.6#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion:136 Resp: 626038

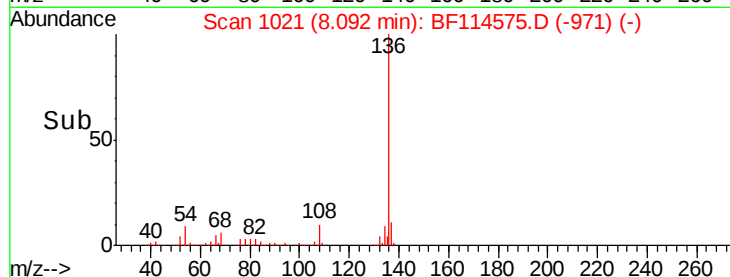
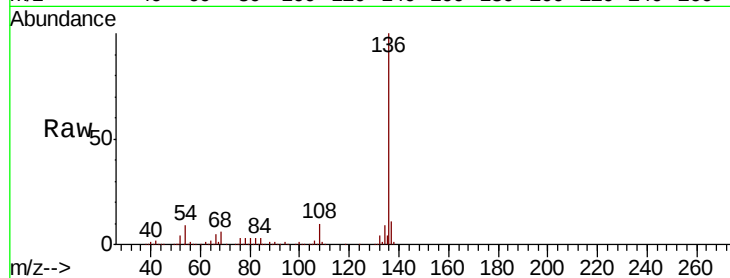
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.9 7.8 11.8

68 5.8 5.1 7.7

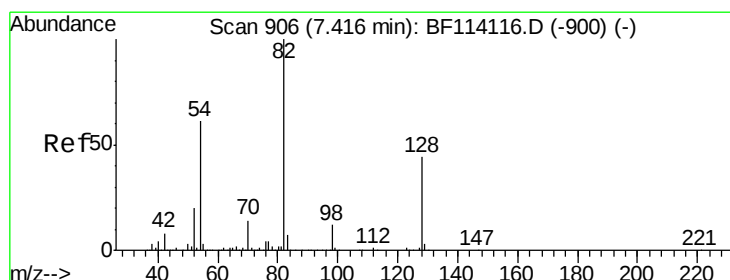
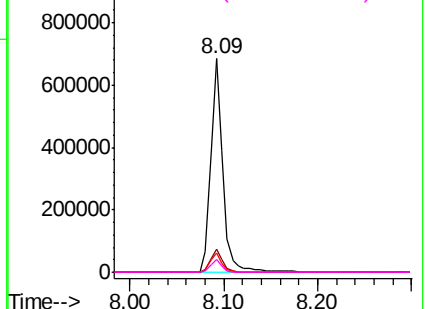


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.481 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

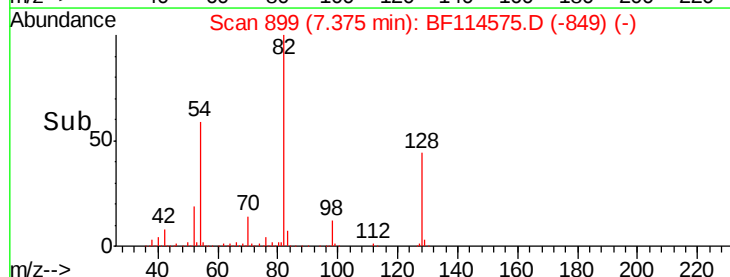
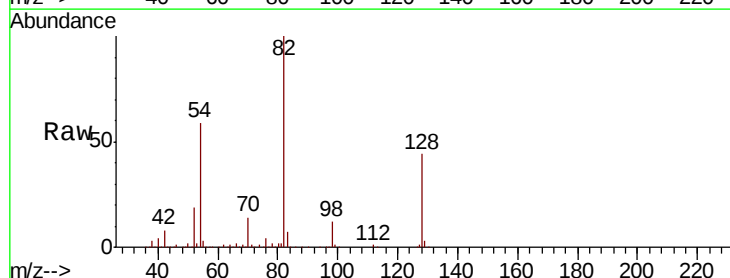
Tgt Ion: 82 Resp: 886634

Ion Ratio Lower Upper

82 100

128 43.6 35.5 53.3

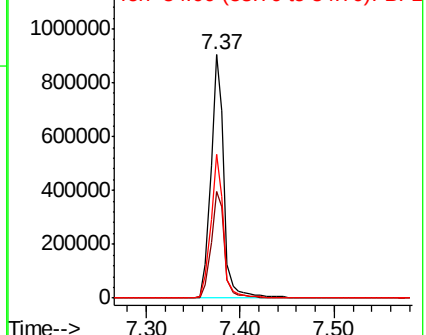
54 59.3 48.5 72.7

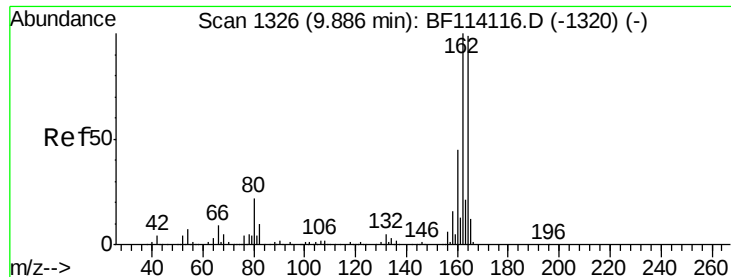


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

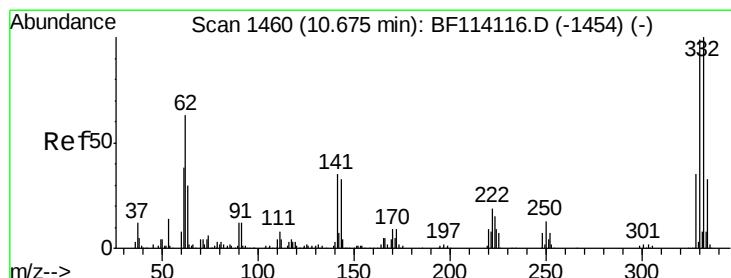
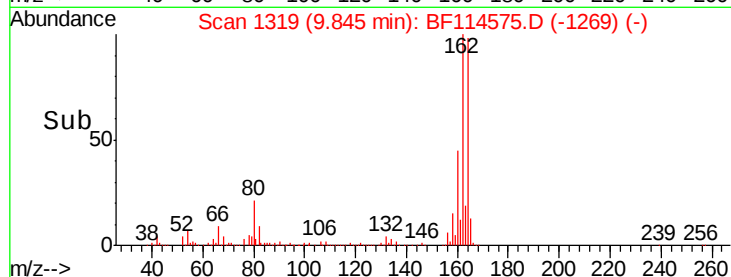
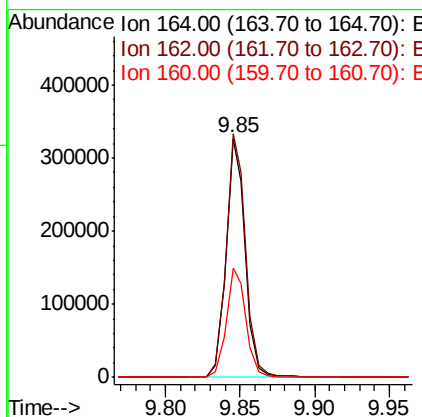
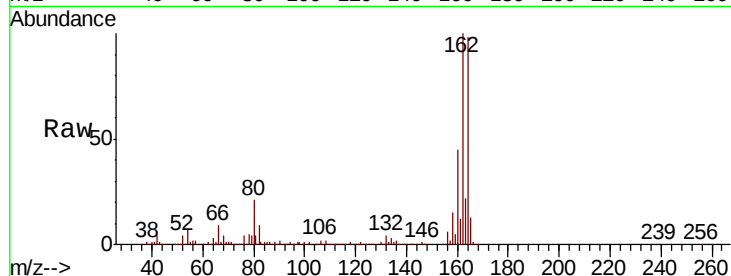




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

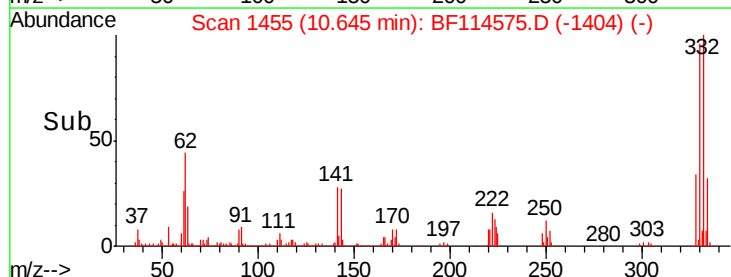
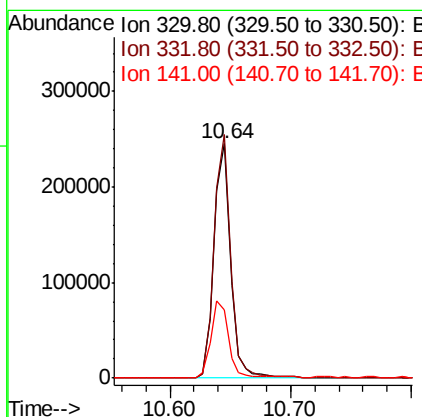
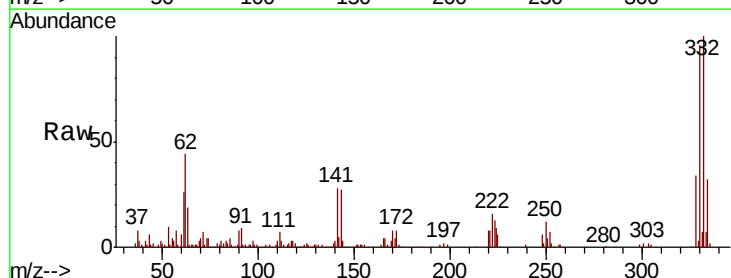
Instrument :
BNA_F
ClientSampleId :
COMP-1

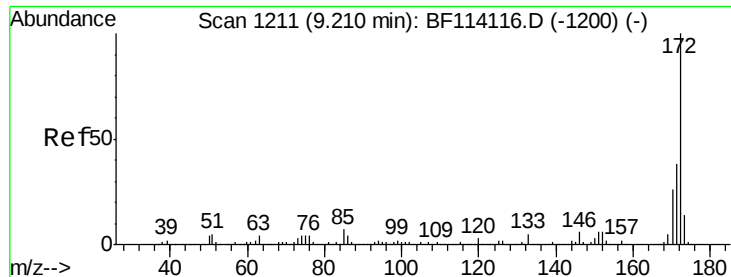
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.0	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 75.918 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114575.D
Acq: 24 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.3	81.4	122.2
141	35.1	26.6	40.0



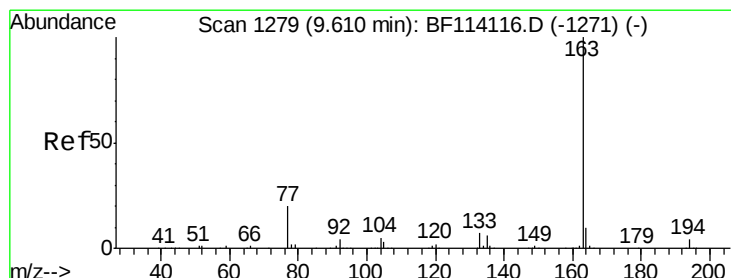
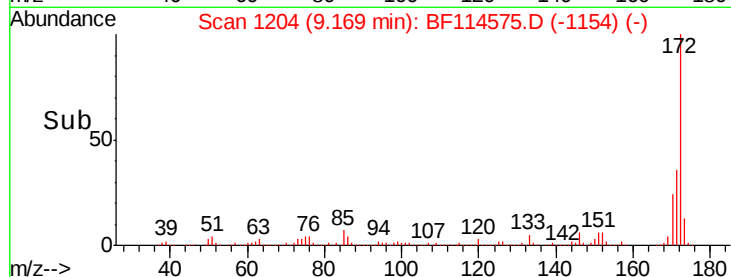
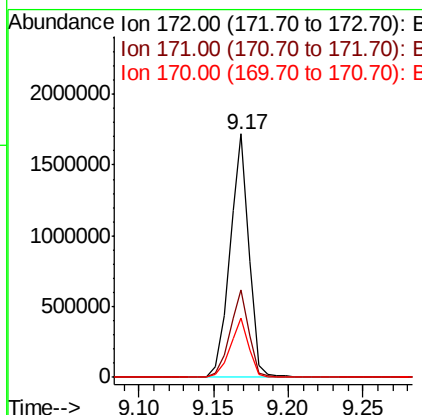
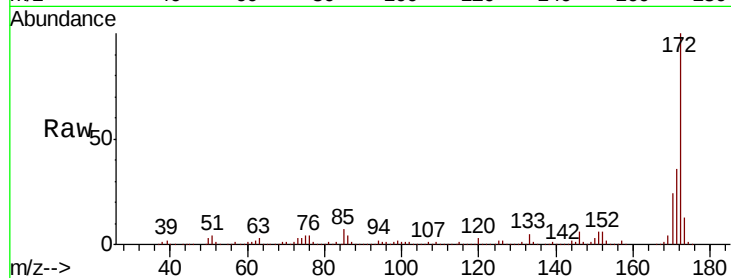


#45
 2-Fluorobiphenyl
 Concen: 79.280 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:172 Resp: 1553563

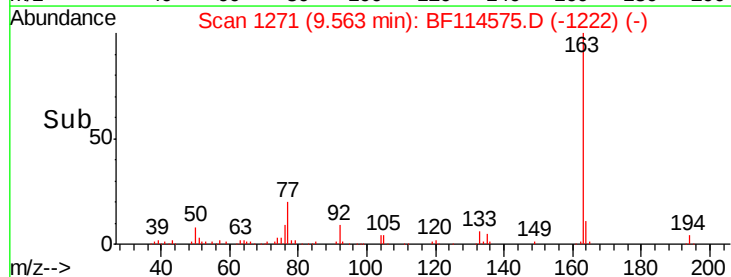
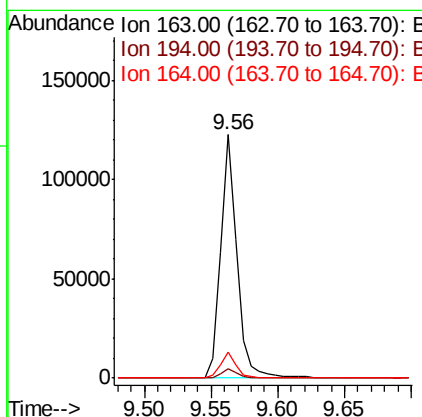
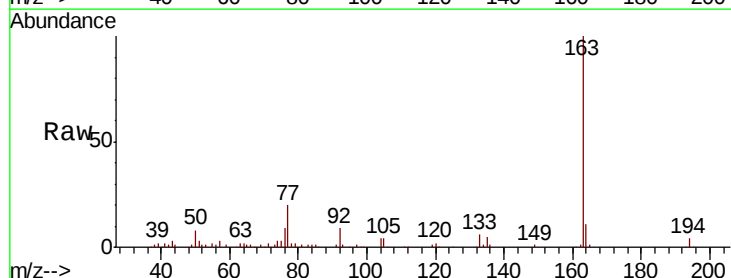
Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.3	20.5	30.7

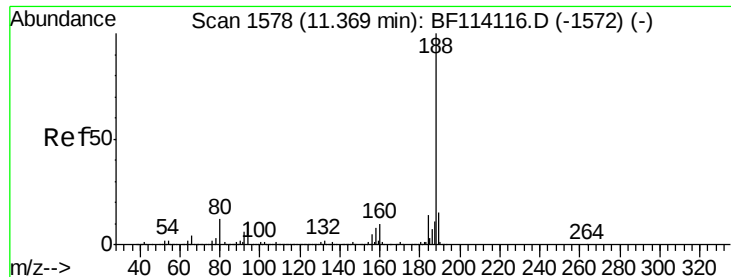


#50
 Dimethylphthalate
 Concen: 4.911 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Tgt Ion:163 Resp: 106859

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.9	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

Instrument :

BNA_F

ClientSampleId :

COMP-1

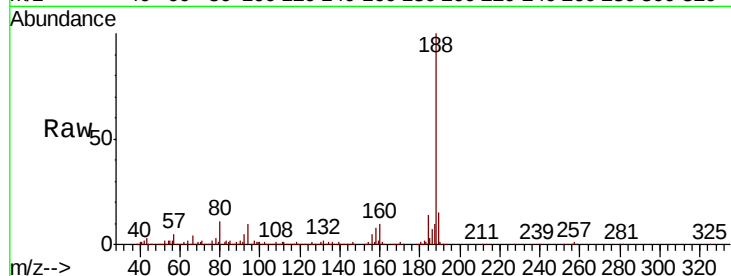
Tot Ion:188 Resp: 589682

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

80 10.6 9.2 13.8

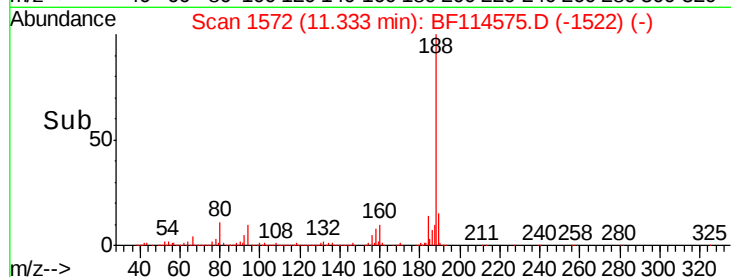


Abundance Ion 188.00 (187.70 to 188.70): E

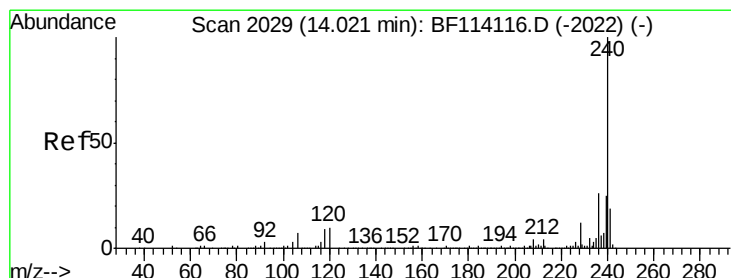
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114575.D

Acq: 24 May 2019 17:52

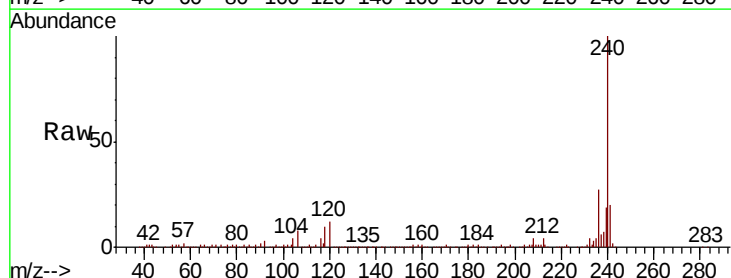
Tgt Ion:240 Resp: 458085

Ion Ratio Lower Upper

240 100

120 12.0 8.3 12.5

236 26.6 20.8 31.2

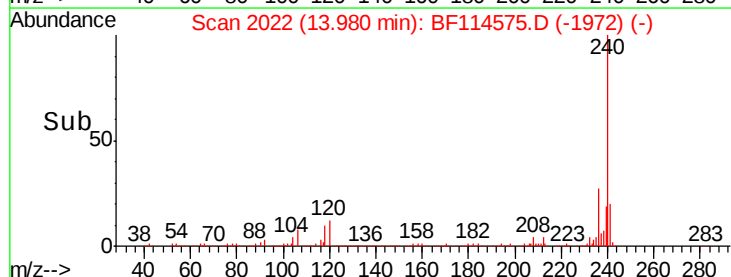


Abundance Ion 240.00 (239.70 to 240.70): E

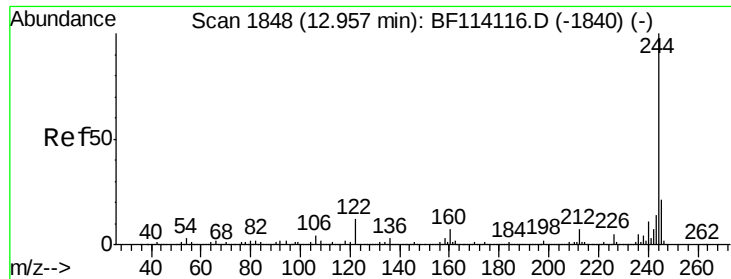
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->

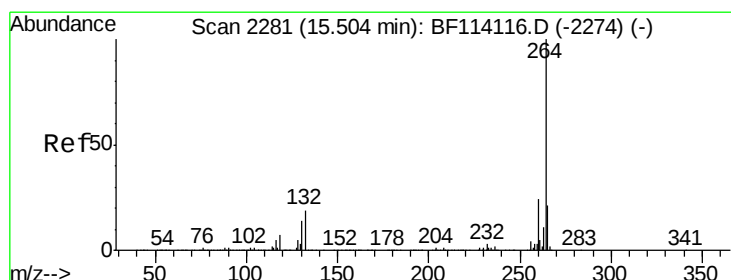
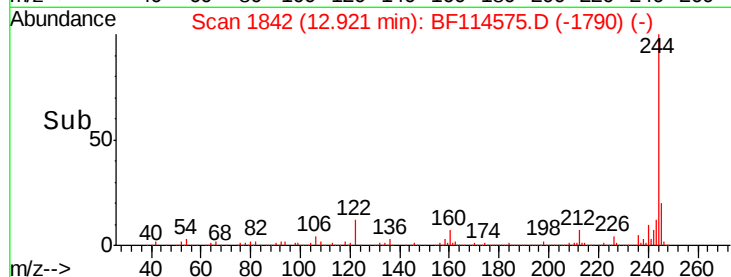
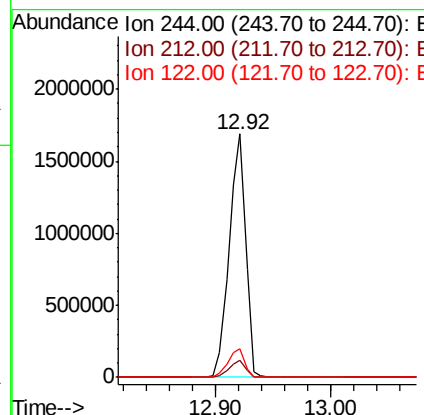
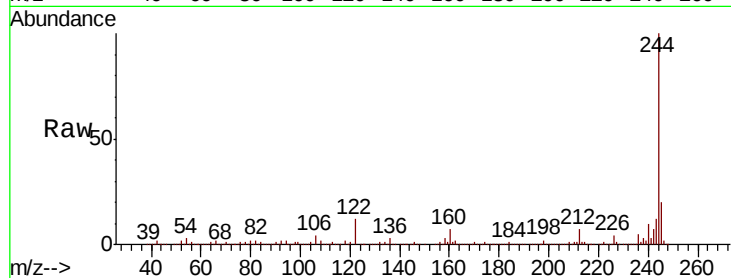


#79
 Terphenyl-d14
 Concen: 74.742 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:244 Resp: 1660884

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.8	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BF114575.D
 Acq: 24 May 2019 17:52

Tgt Ion:264 Resp: 435560

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.5	16.9	25.3

