

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114577.D
 Acq On : 24 May 2019 18:45
 Operator : JU/SJ
 Sample : K3019-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Quant Time: May 24 23:12:47 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

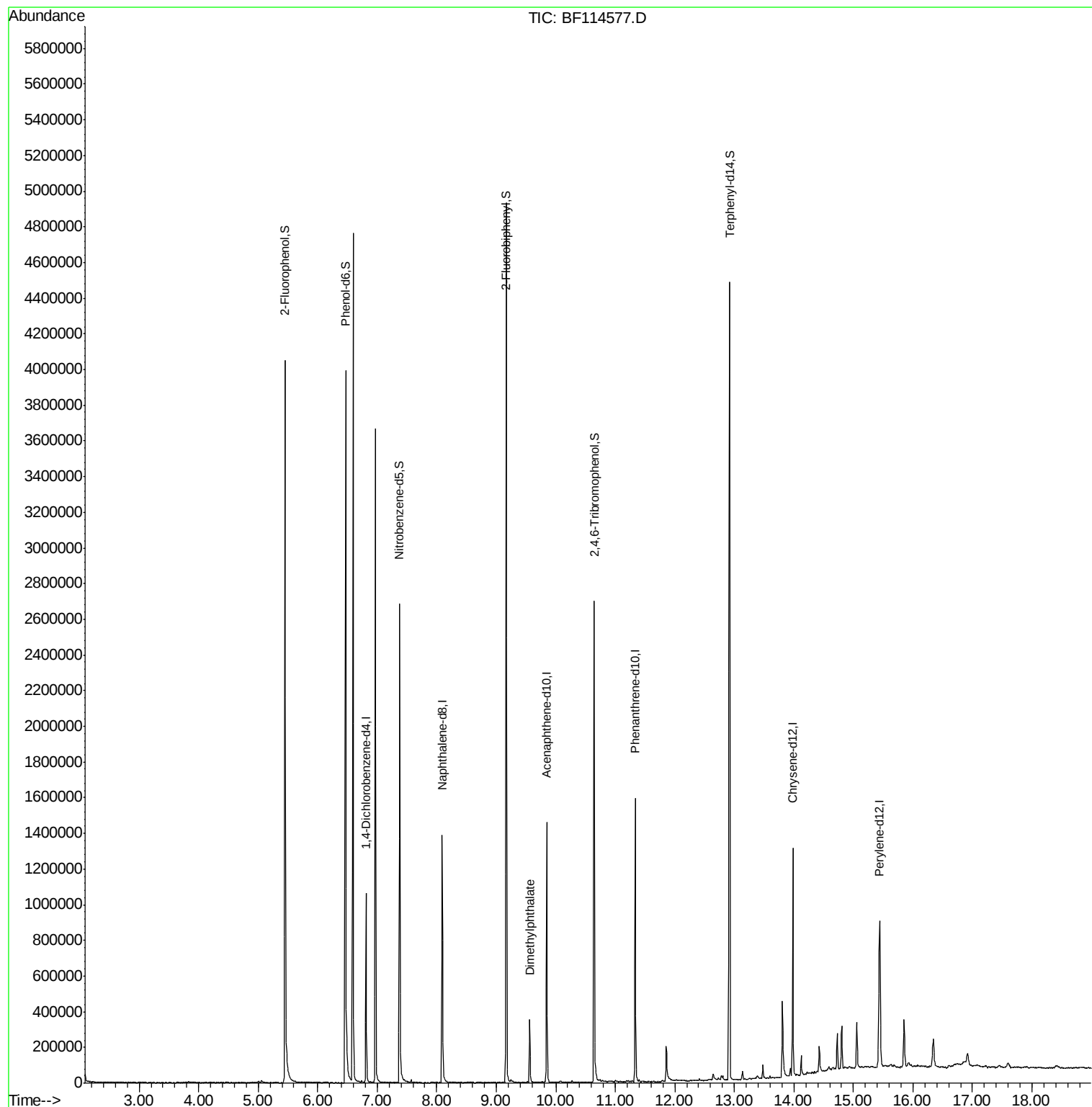
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162522	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619348	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	293662	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	597047	20.00	ng	0.00
76) Chrysene-d12	13.98	240	414584	20.00	ng	0.00
87) Perylene-d12	15.44	264	371642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1172176	116.07	ng	0.00
7) Phenol-d6	6.47	99	1518054	127.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	913400	82.76	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	362951	119.55	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1544288	79.55	ng	0.00
79) Terphenyl-d14	12.92	244	1666002	82.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	139438	6.468	ng	Qvalue 100

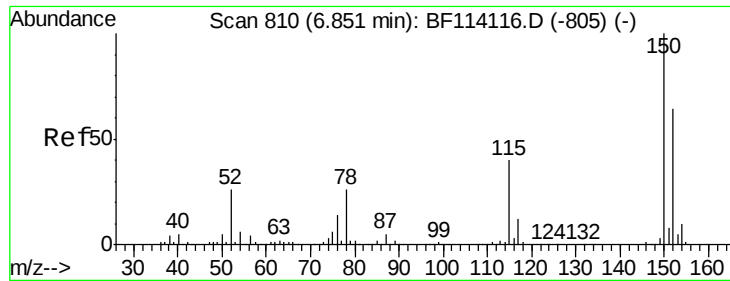
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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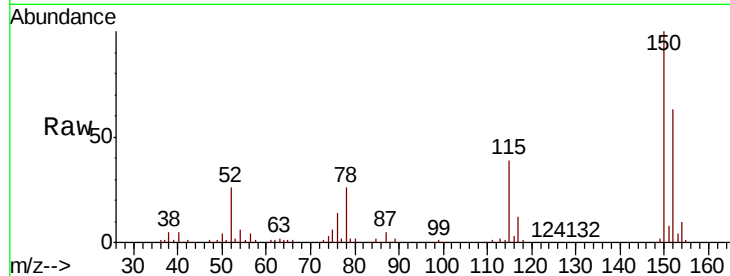


#1

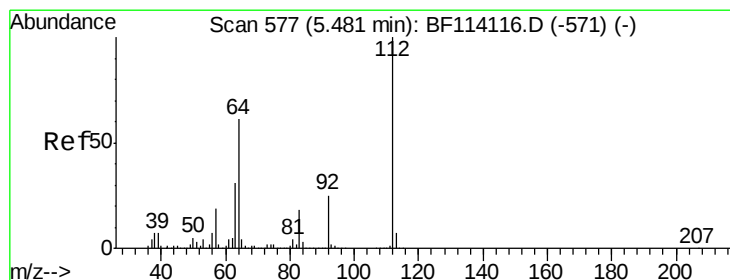
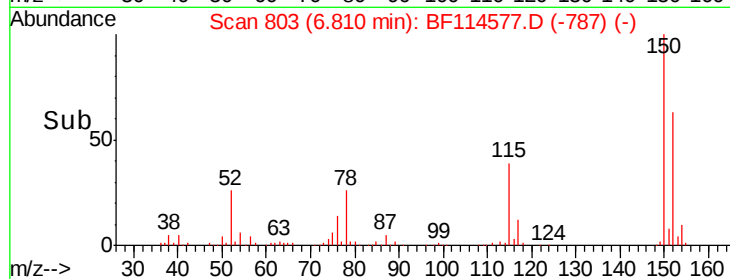
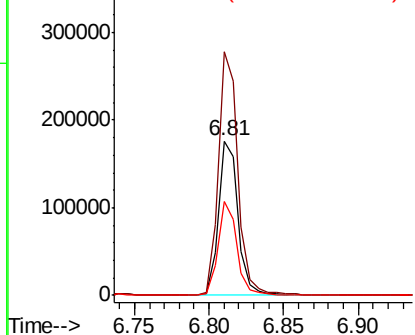
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RT-3422

Tot Ion:152 Resp: 162522
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 61.2 49.1 73.7



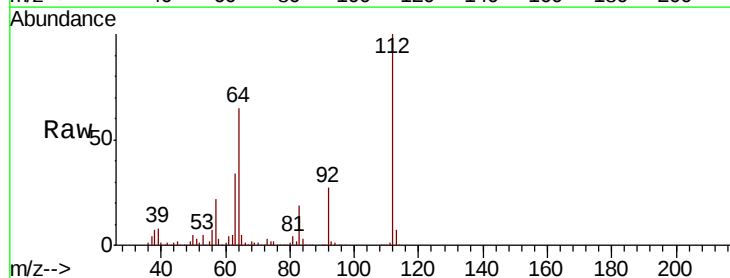
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



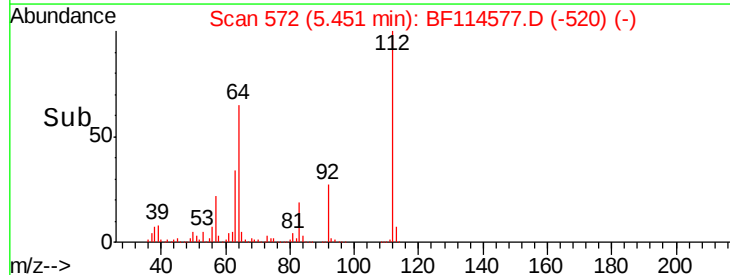
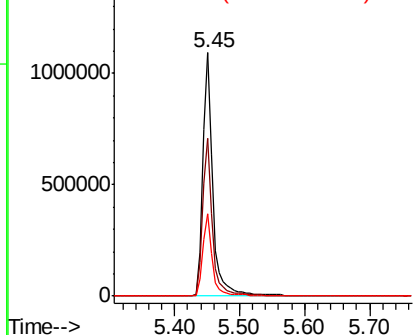
#5

2-Fluorophenol
Concen: 116.067 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Tgt Ion:112 Resp: 1172176
Ion Ratio Lower Upper
112 100
64 65.1 49.0 73.6
63 33.8 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: 127.091 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

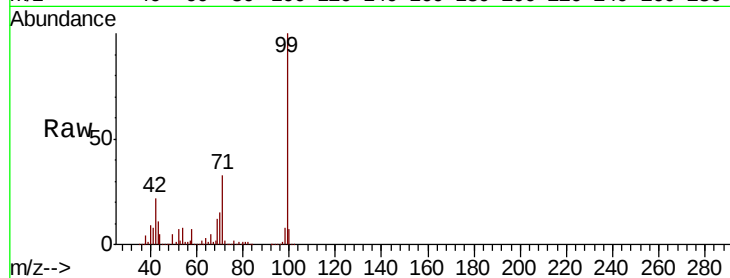
Tot Ion: 99 Resp: 1518054

Ion Ratio Lower Upper

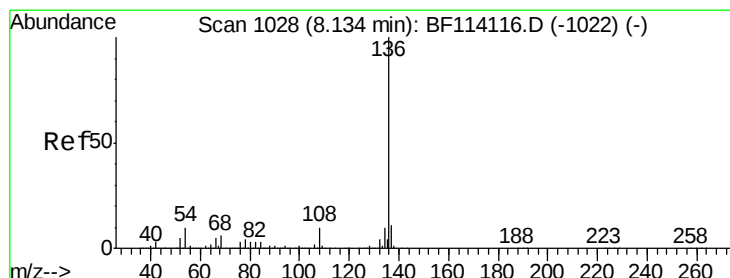
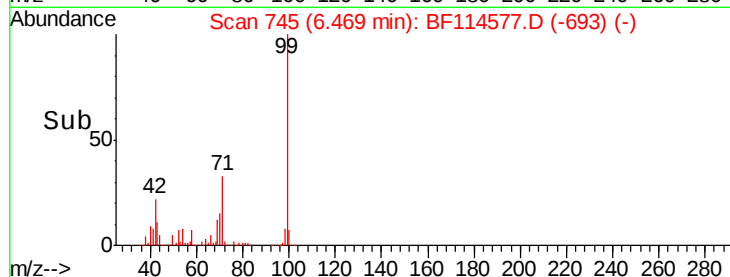
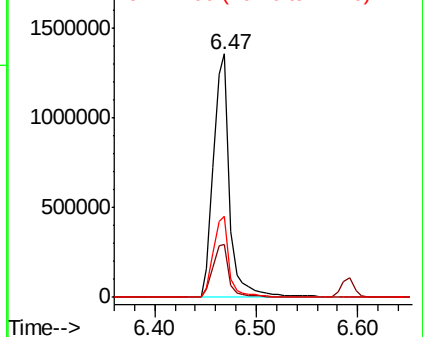
99 100

42 21.9 17.9 26.9

71 33.1 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: BF114577.D

Acq: 24 May 2019 18:45

Tgt Ion: 136 Resp: 619348

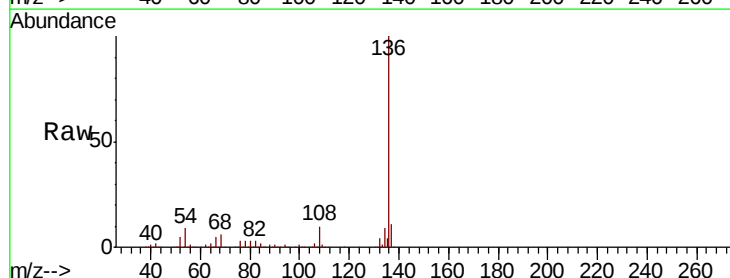
Ion Ratio Lower Upper

136 100

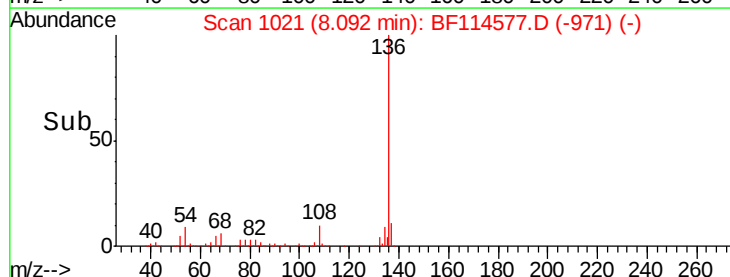
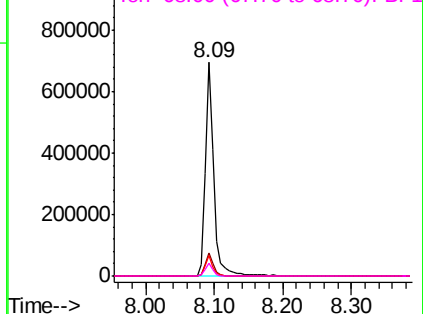
137 10.7 8.8 13.2

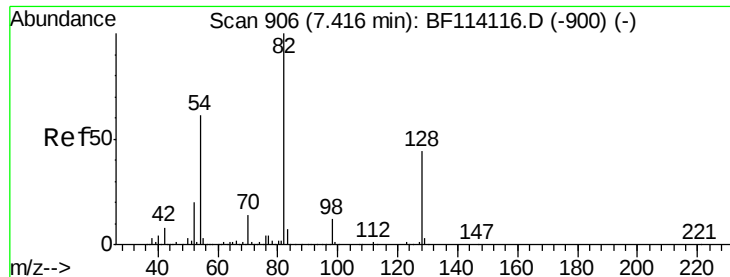
54 9.4 7.8 11.8

68 6.0 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

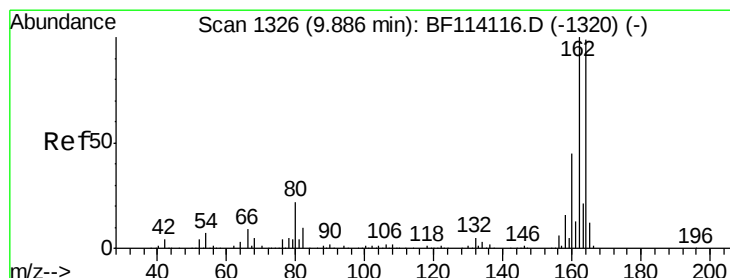
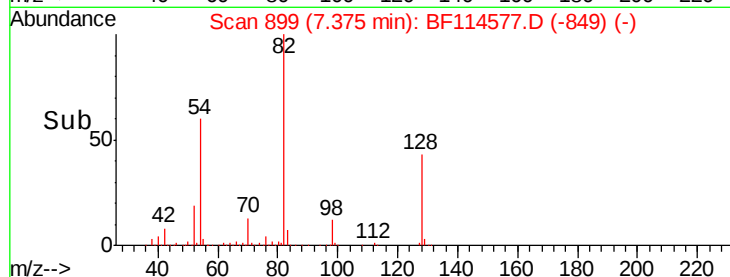
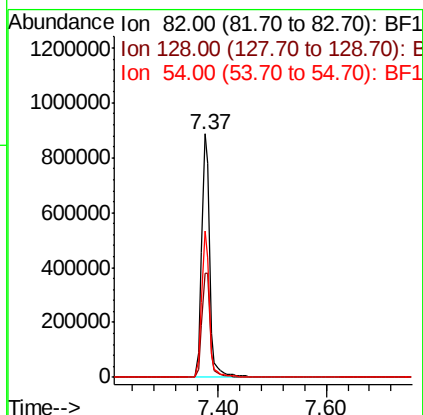
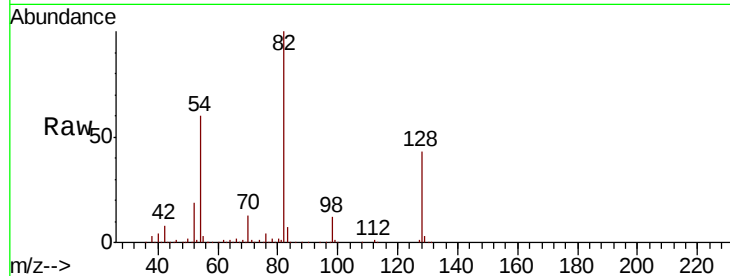




#23
Nitrobenzene-d5
Concen: 82.765 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

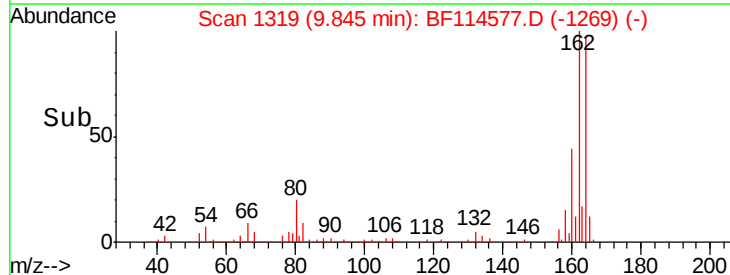
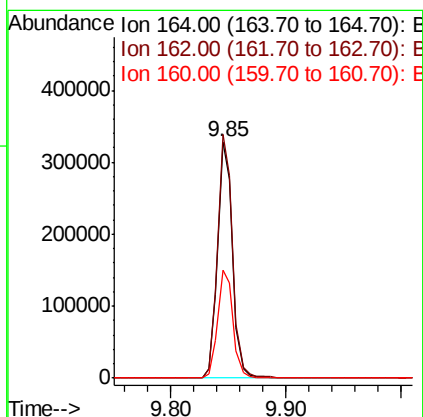
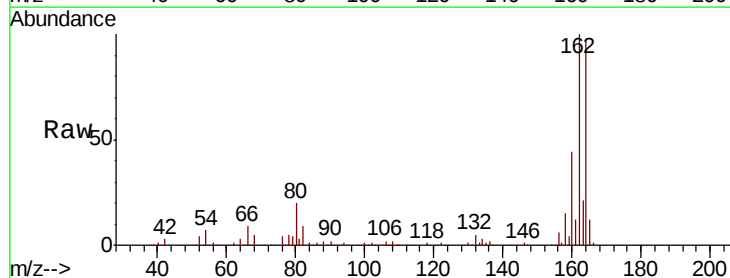
Instrument :
BNA_F
ClientSampleId :
RT-3422

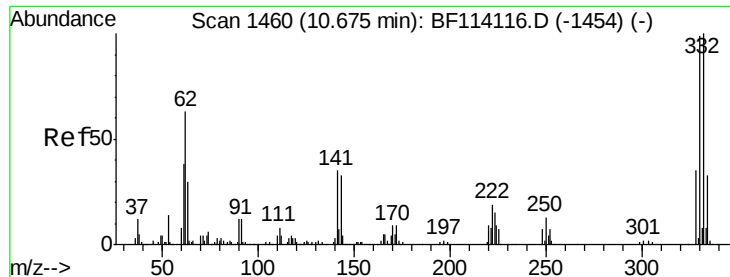
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.5	53.3
54	60.2	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	45.7	36.5	54.7

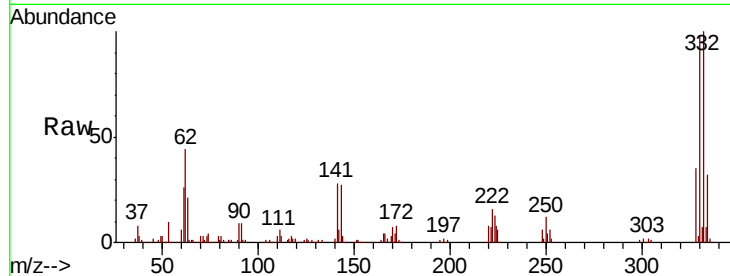




#42
 2,4,6-Tribromophenol
 Concen: 119.550 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	33.5	26.6	40.0

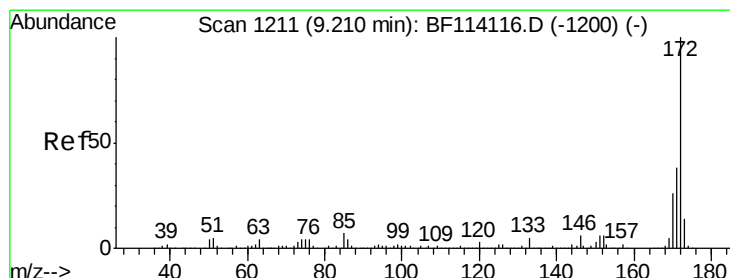
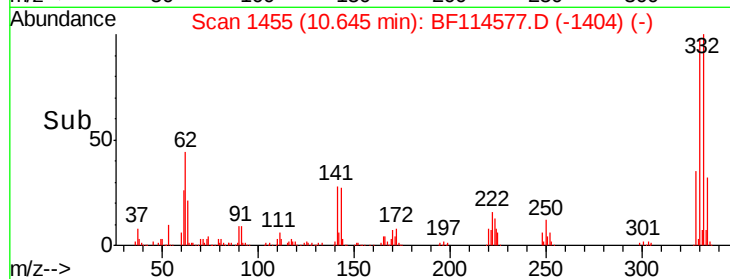
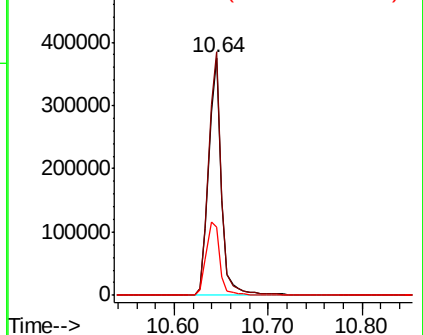


Abundance

Ion 329.80 (329.50 to 330.50): E

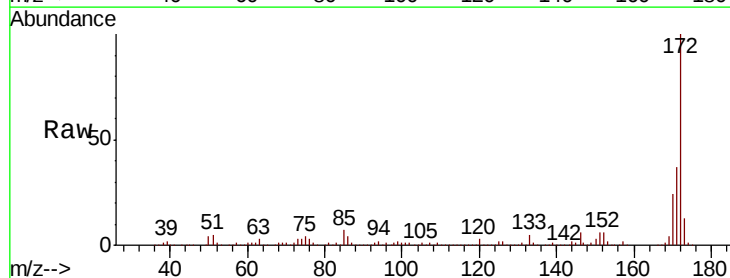
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.547 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.3	20.5	30.7

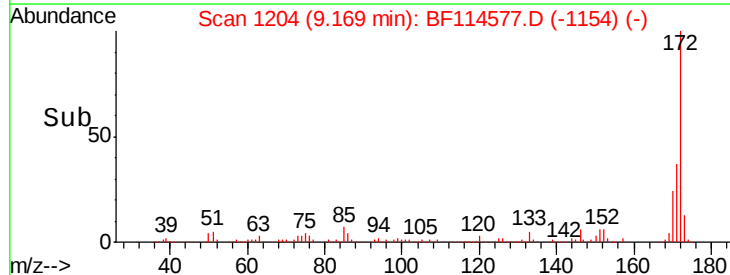
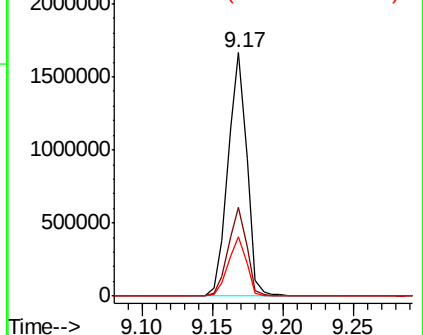


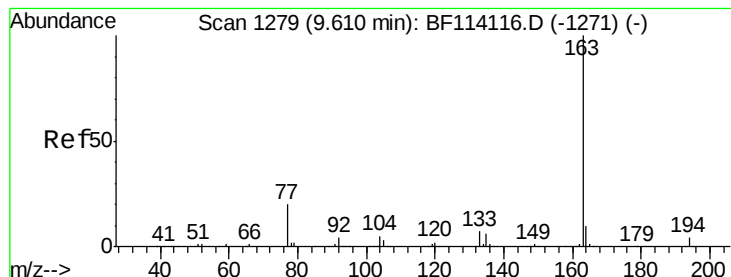
Abundance

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: 6.468 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

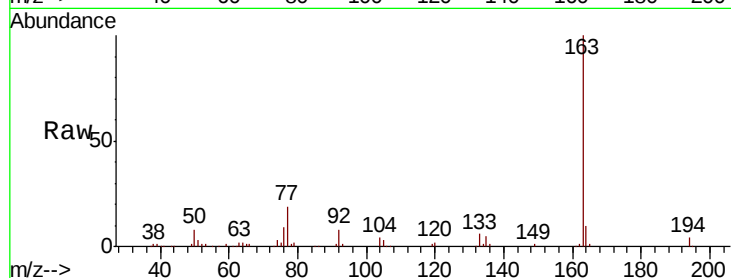
Tot Ion:163 Resp: 139438

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

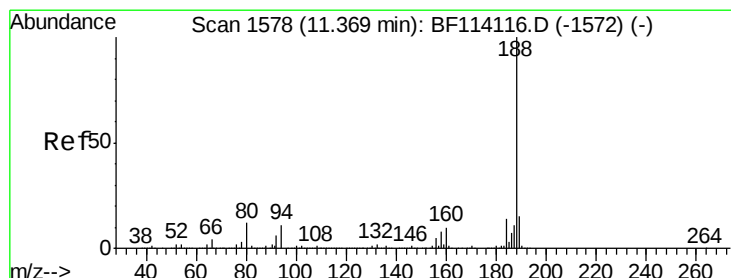
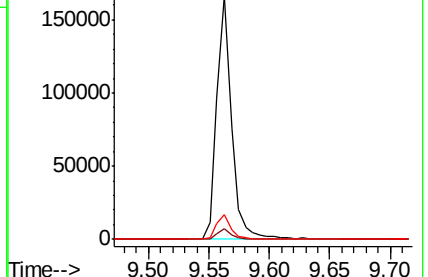
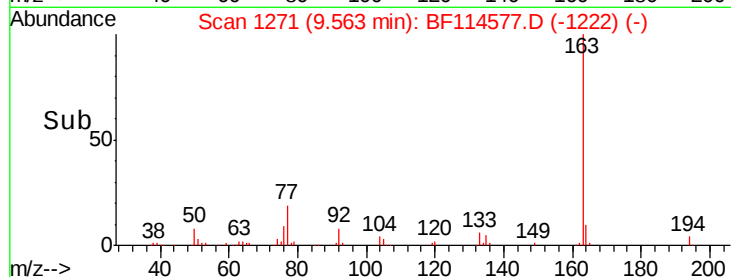
164 10.0 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

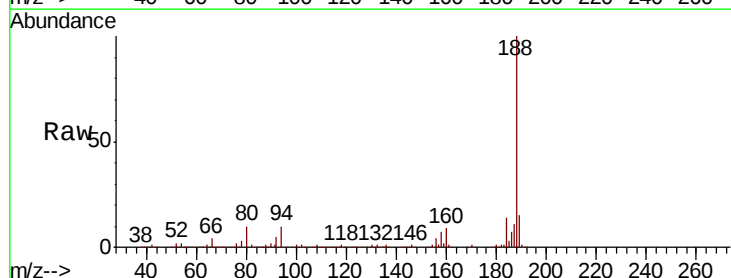
Tgt Ion:188 Resp: 597047

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

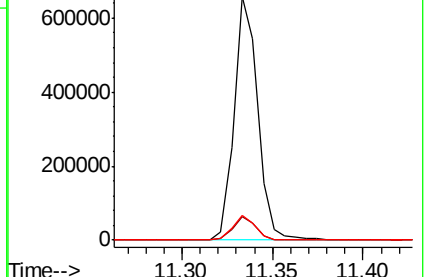
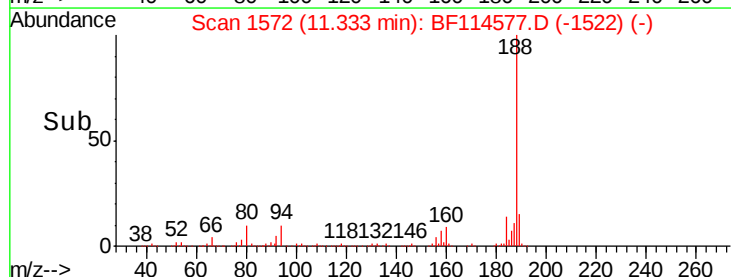
80 10.2 9.2 13.8

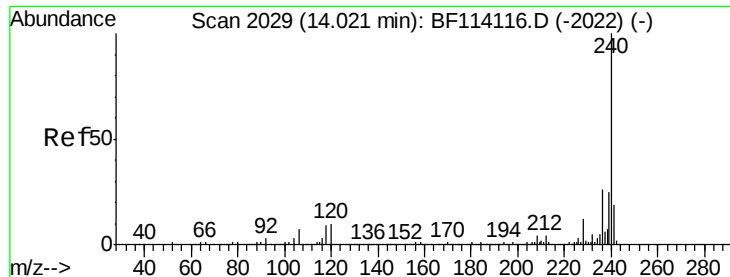


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

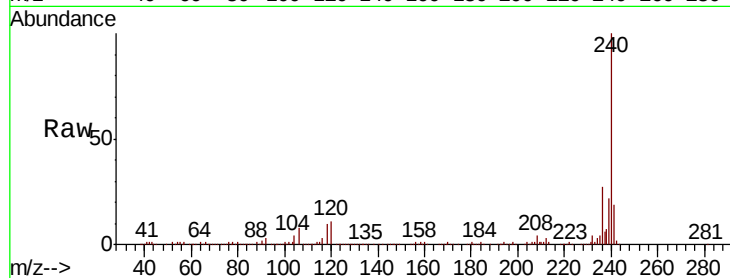
Tot Ion:240 Resp: 414584

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

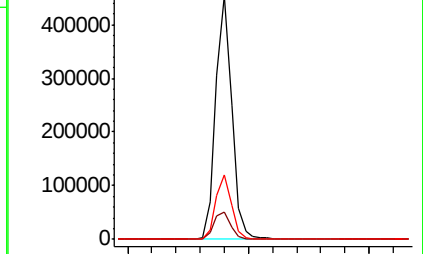
236 26.6 20.8 31.2



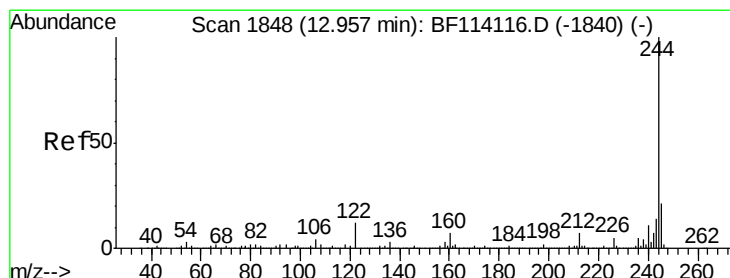
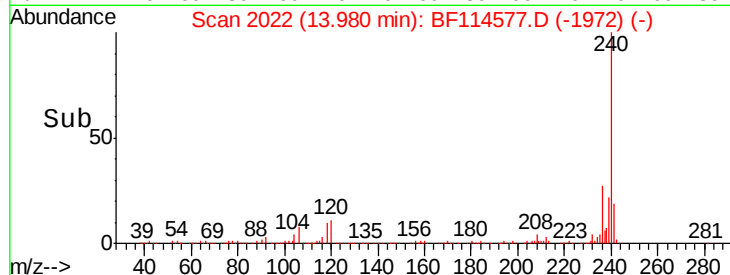
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#79

Terphenyl-d14

Concen: 82.838 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

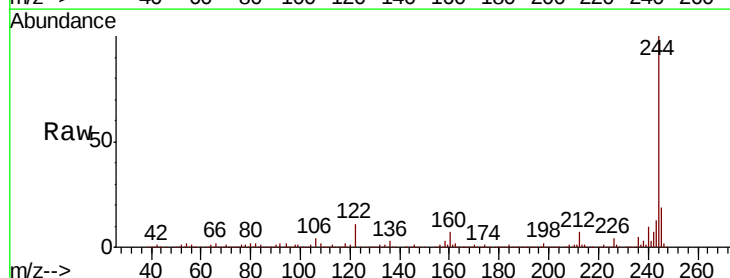
Tgt Ion:244 Resp: 1666002

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

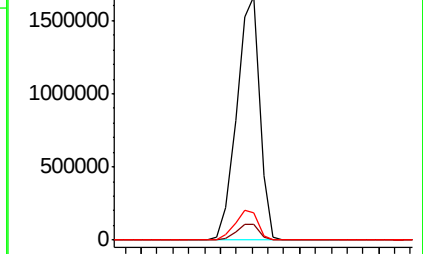
122 11.0 9.4 14.2



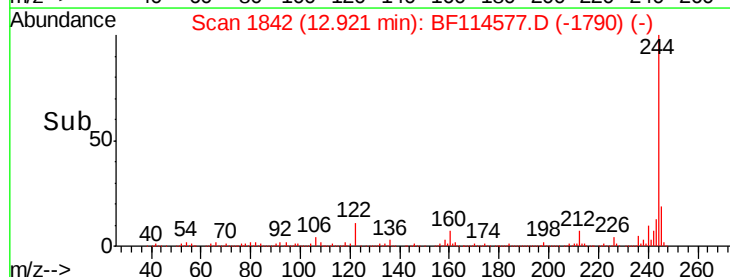
Abundance Ion 244.00 (243.70 to 244.70): E

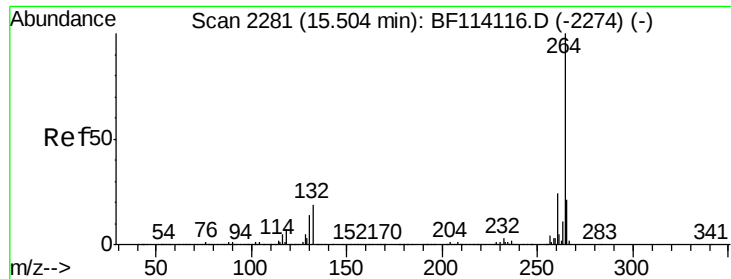
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.85 12.90 12.95 13.00





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RT-3422

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.2	16.9	25.3

