

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114581.D
 Acq On : 24 May 2019 20:32
 Operator : JU/SJ
 Sample : K2994-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: May 24 23:21:19 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

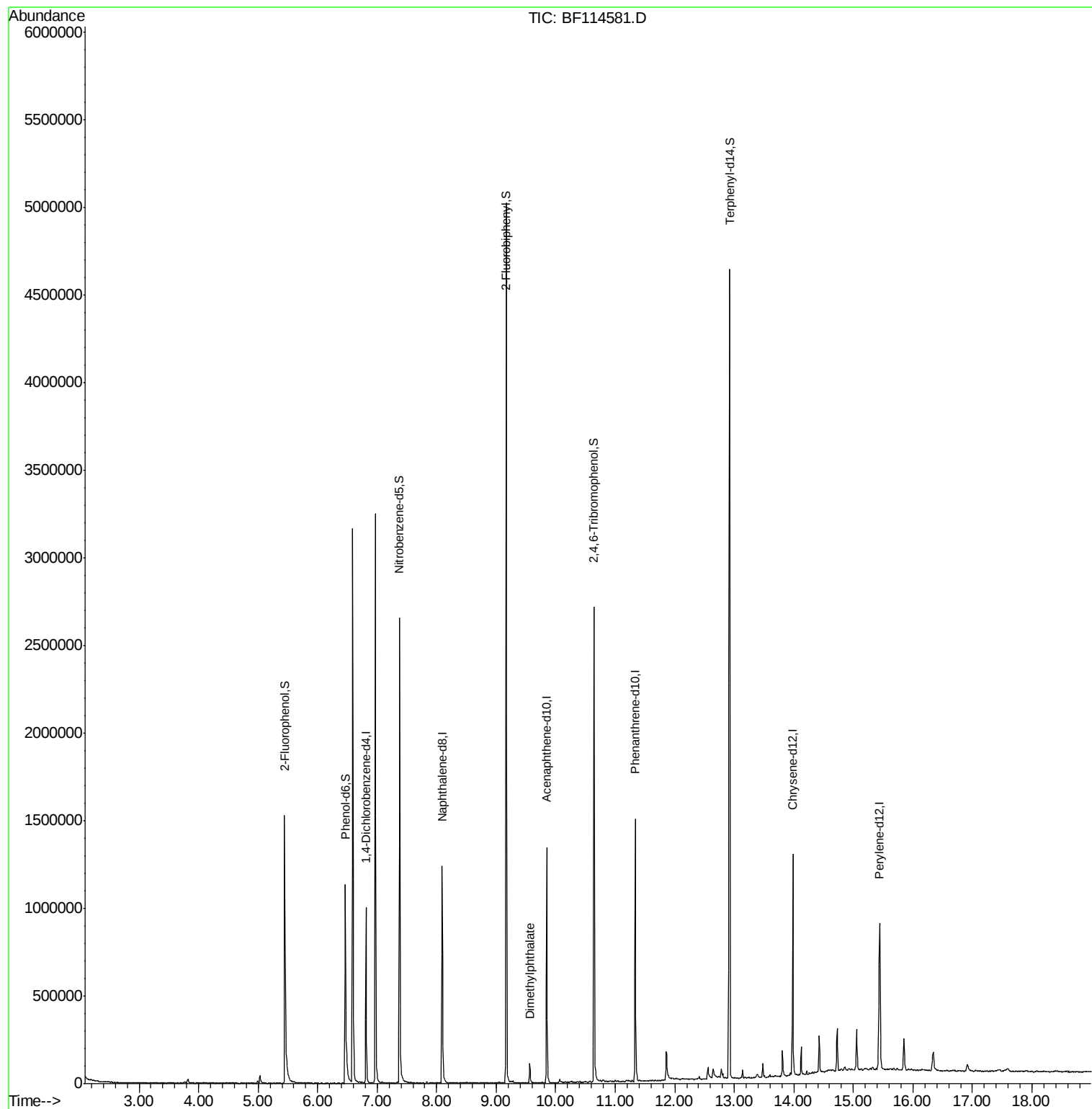
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150915	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	579144	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	274353	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	575589	20.00	ng	0.00
76) Chrysene-d12	13.98	240	411013	20.00	ng	0.00
87) Perylene-d12	15.44	264	388226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	573665	61.17	ng	0.00
7) Phenol-d6	6.46	99	487720	43.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	864033	83.73	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	341646	120.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1508089	83.15	ng	0.00
79) Terphenyl-d14	12.92	244	1688773	84.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	45078	2.238	ng	Qvalue 97

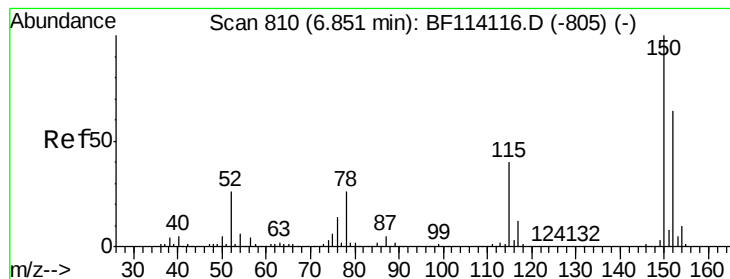
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
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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: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampleId :

TP-7

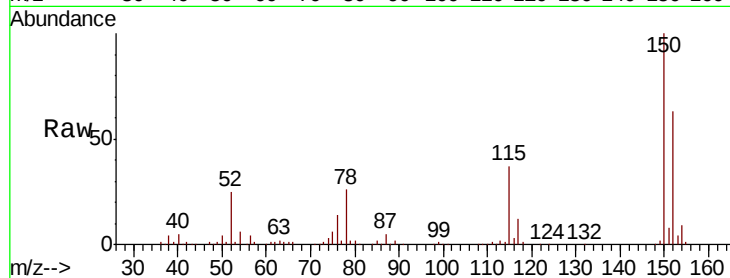
Tot Ion:152 Resp: 150915

Ion Ratio Lower Upper

152 100

150 158.0 124.3 186.5

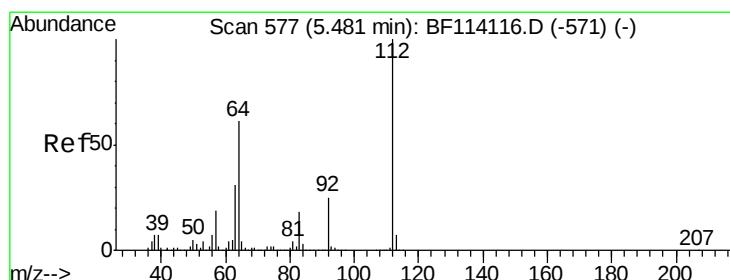
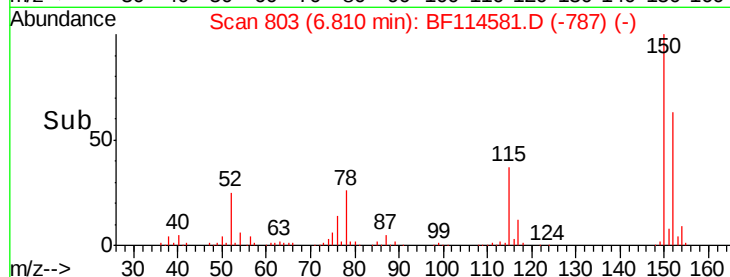
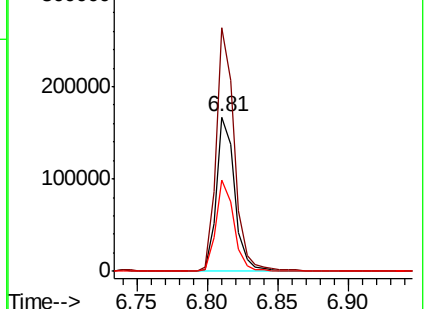
115 59.1 49.1 73.7



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: 61.172 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

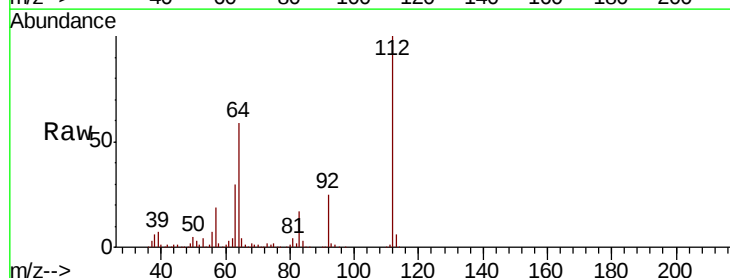
Tgt Ion:112 Resp: 573665

Ion Ratio Lower Upper

112 100

64 59.4 49.0 73.6

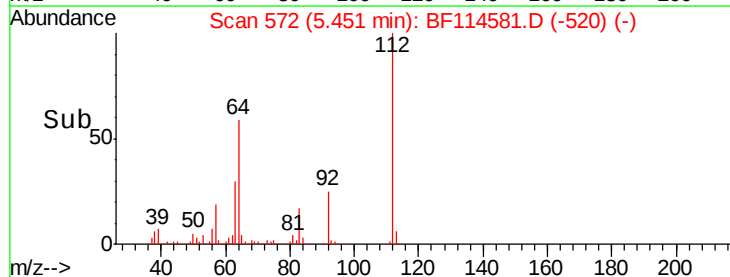
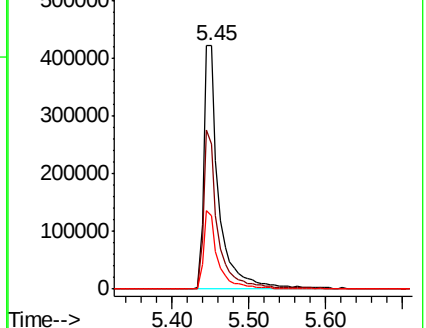
63 30.0 24.6 37.0



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: 43.972 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampled :

TP-7

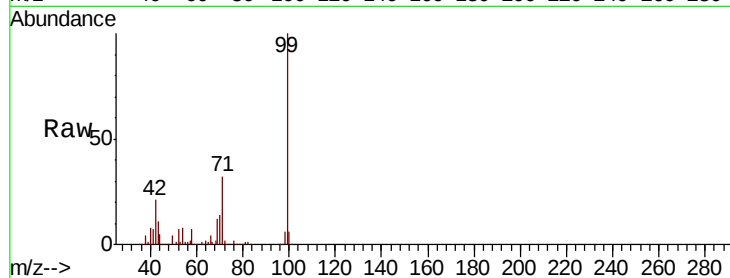
Tot Ion: 99 Resp: 487720

Ion Ratio Lower Upper

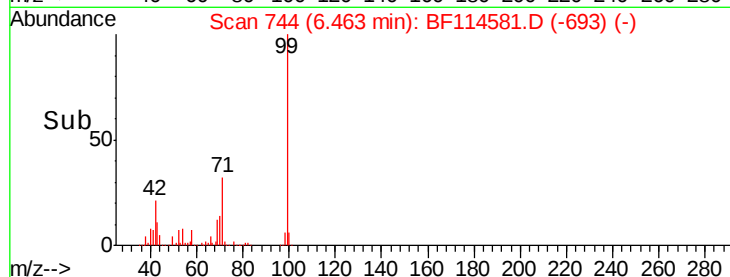
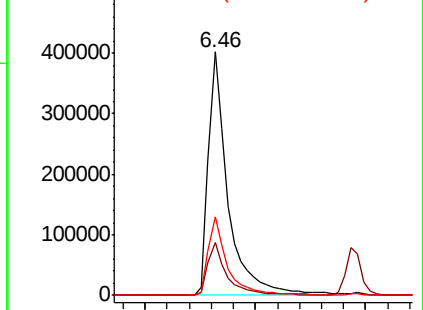
99 100

42 21.5 17.9 26.9

71 32.1 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: BF114581.D

Acq: 24 May 2019 20:32

Tgt Ion: 136 Resp: 579144

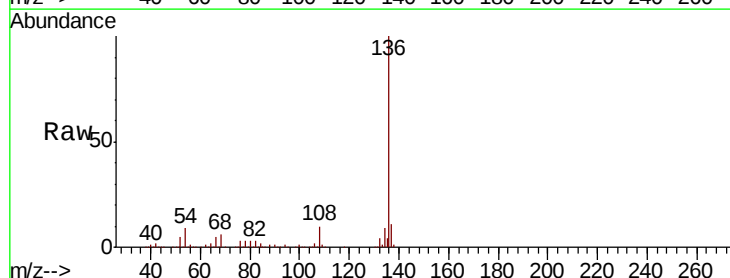
Ion Ratio Lower Upper

136 100

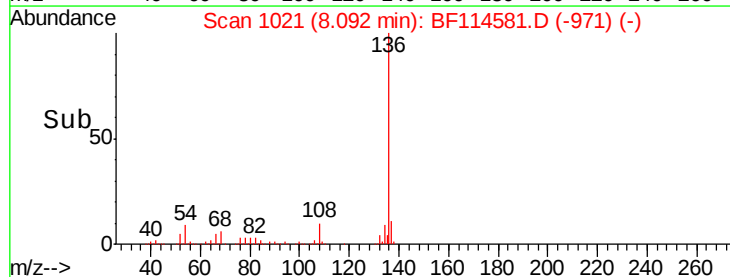
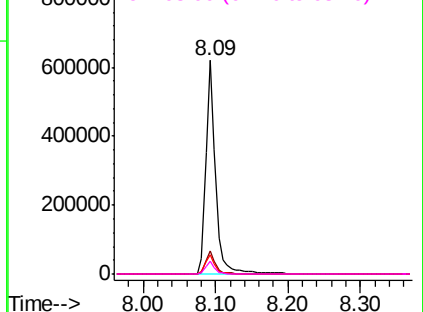
137 11.0 8.8 13.2

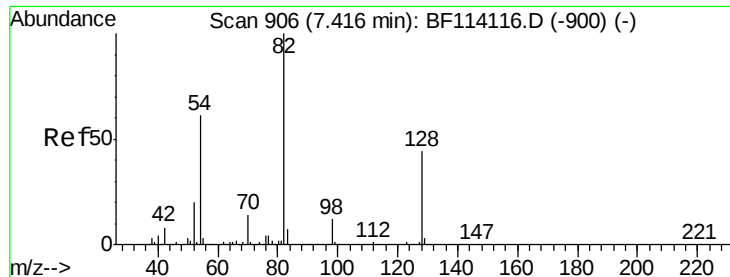
54 9.1 7.8 11.8

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

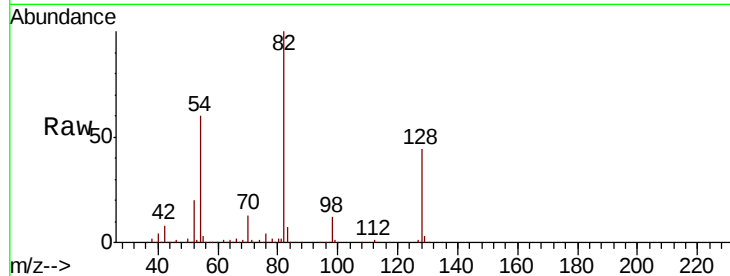




#23
Nitrobenzene-d5
Concen: 83.726 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion	82	Resp	864033
Ion Ratio	100	Lower	Upper
128	43.9	35.5	53.3
54	59.7	48.5	72.7

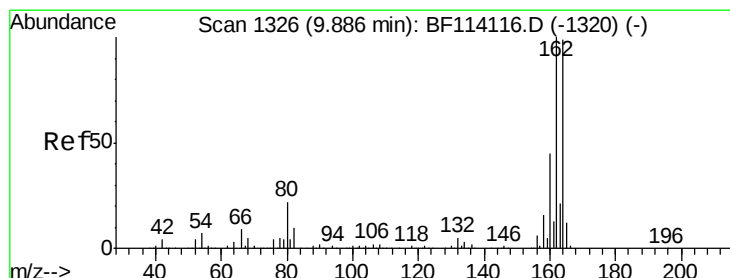
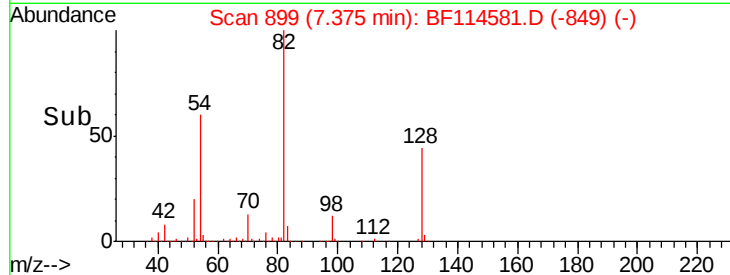
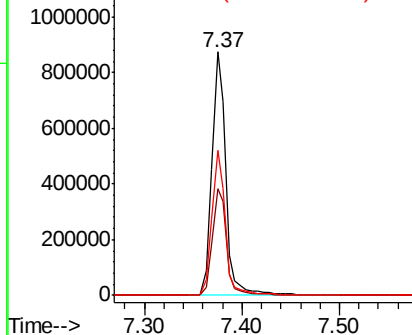


Abundance

Ion 82.00 (81.70 to 82.70): BF1

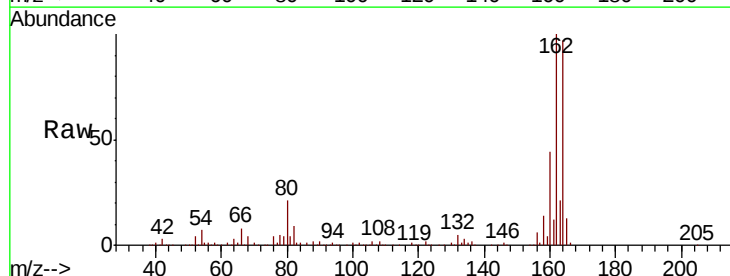
Ion 128.00 (127.70 to 128.70): BF1

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: BF114581.D
Acq: 24 May 2019 20:32

Tgt Ion	164	Resp	274353
Ion Ratio	100	Lower	Upper
162	103.2	80.6	120.8
160	45.6	36.5	54.7

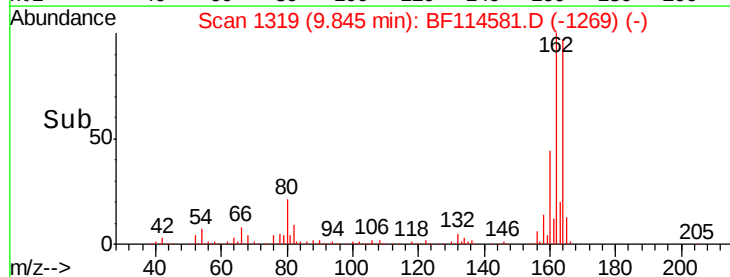
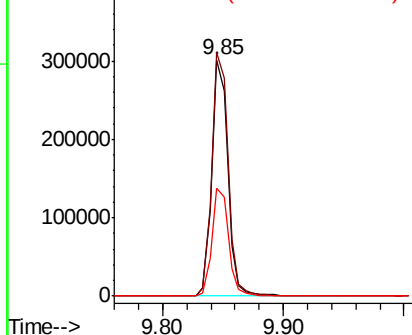


Abundance

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

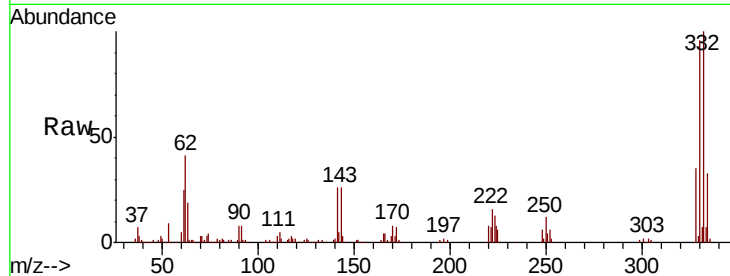




#42
 2,4,6-Tribromophenol
 Concen: 120.453 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.0	81.4	122.2
141	33.9	26.6	40.0

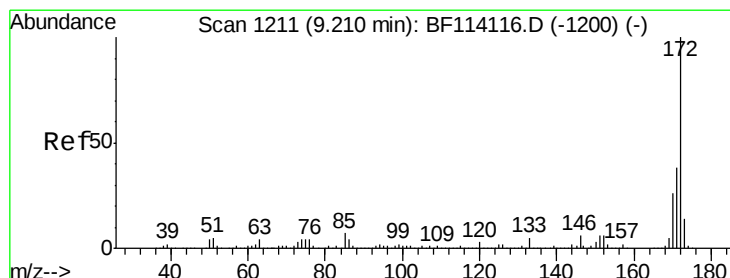
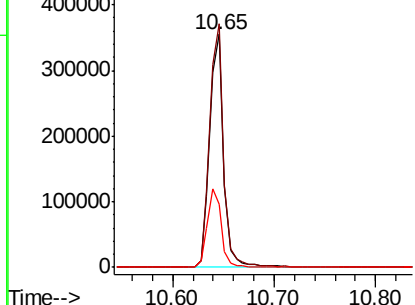
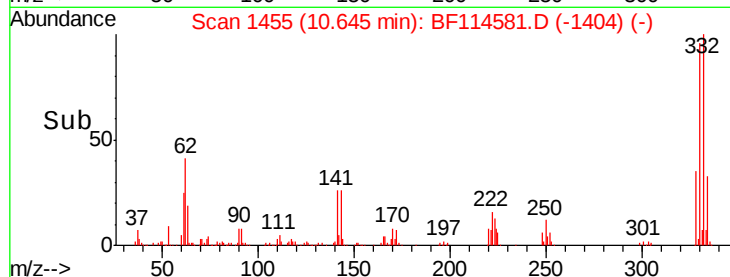


Abundance

Ion 329.80 (329.50 to 330.50): E

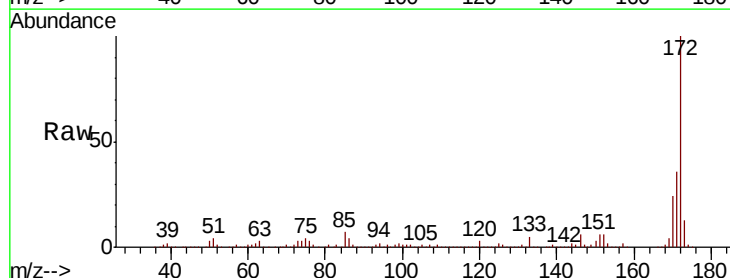
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.150 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114581.D
 Acq: 24 May 2019 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.4	20.5	30.7

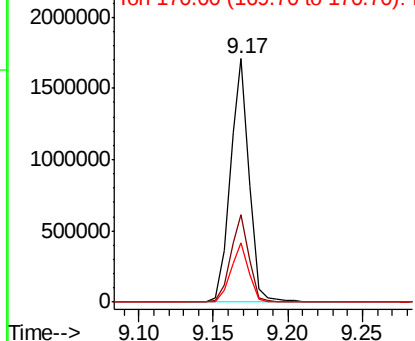
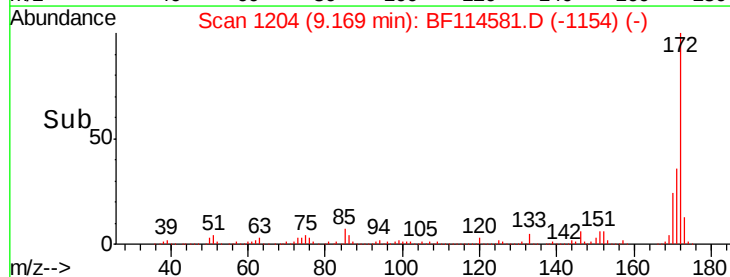


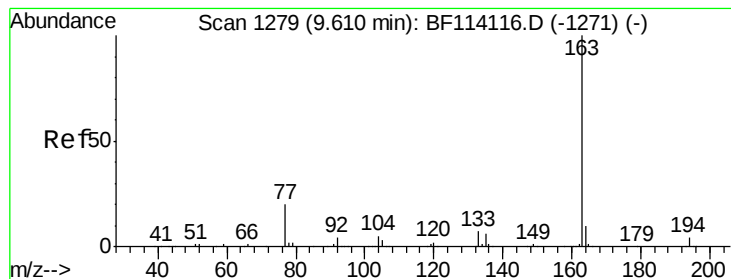
Abundance

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: 2.238 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114581.D

Acq: 24 May 2019 20:32

Instrument :

BNA_F

ClientSampleId :

TP-7

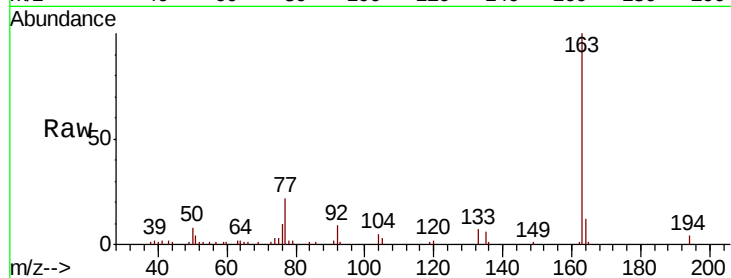
Tot Ion:163 Resp: 45078

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

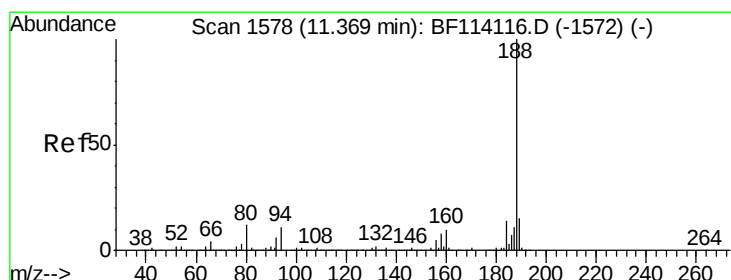
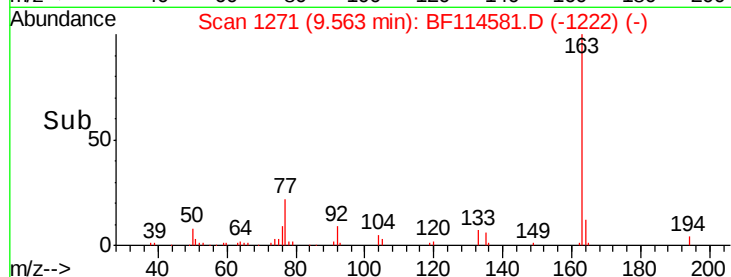
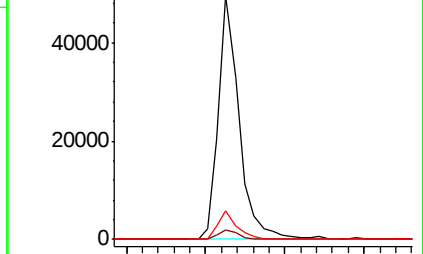
164 11.7 8.2 12.2



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: BF114581.D

Acq: 24 May 2019 20:32

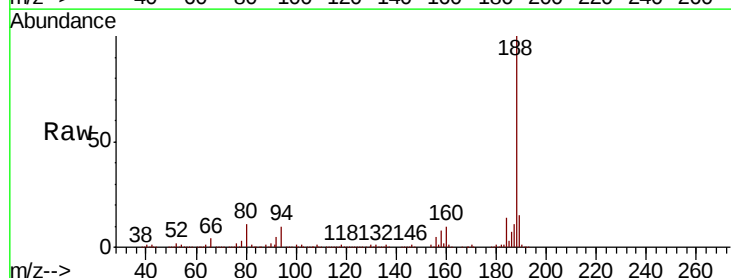
Tgt Ion:188 Resp: 575589

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

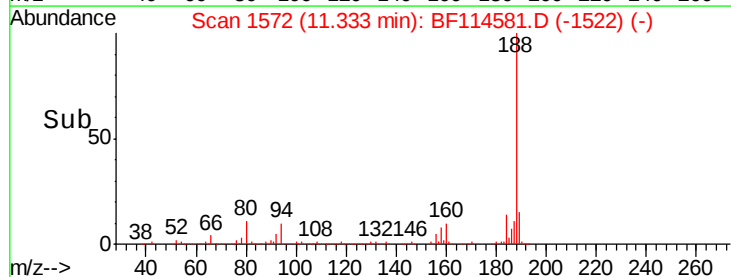
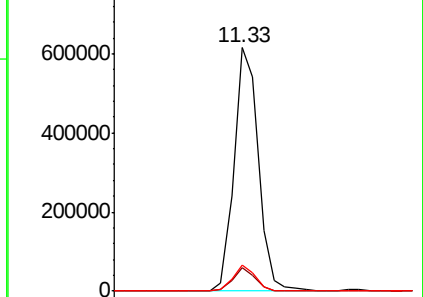
80 10.7 9.2 13.8

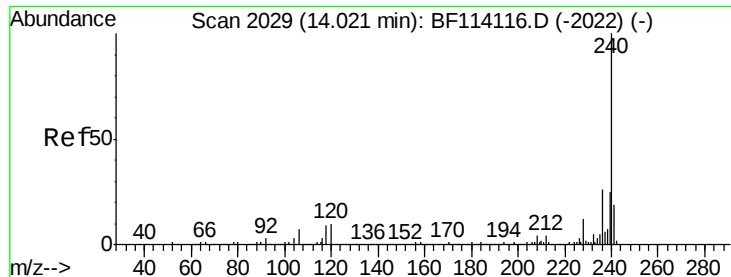


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

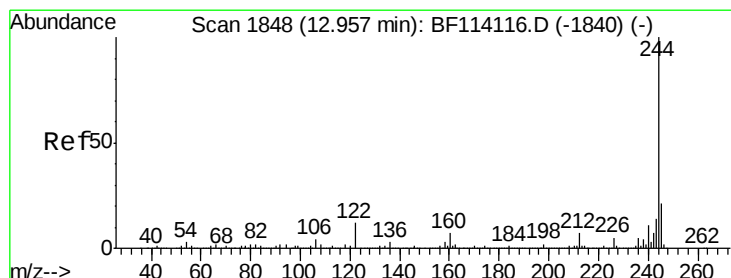
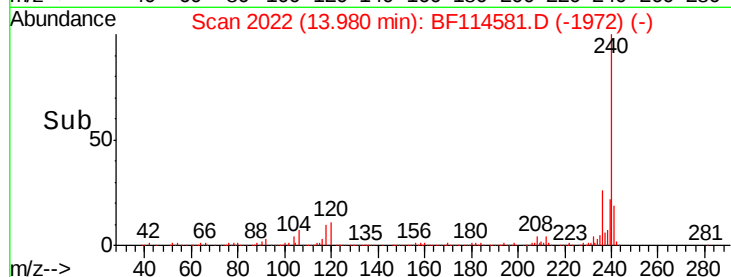
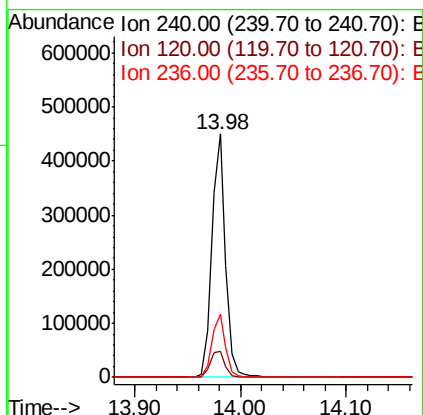
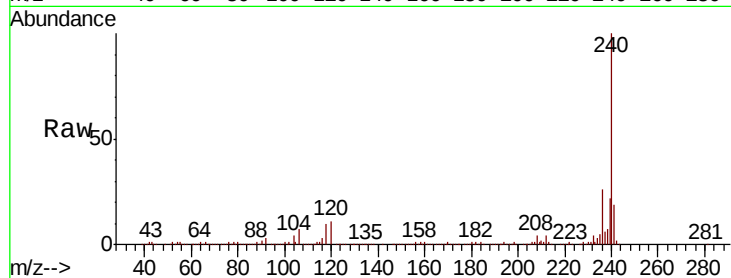




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

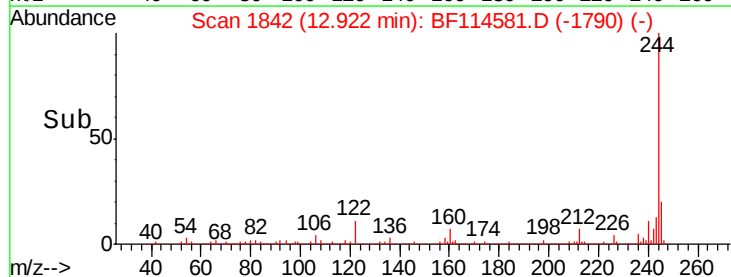
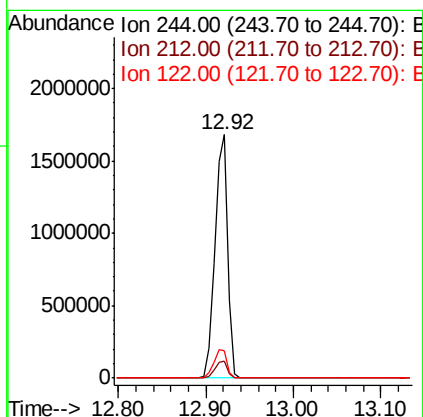
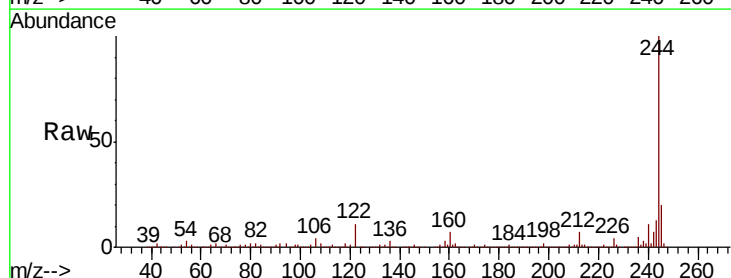
Instrument :
BNA_F
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TP-7

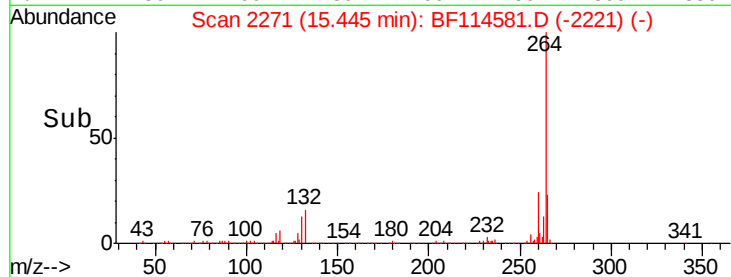
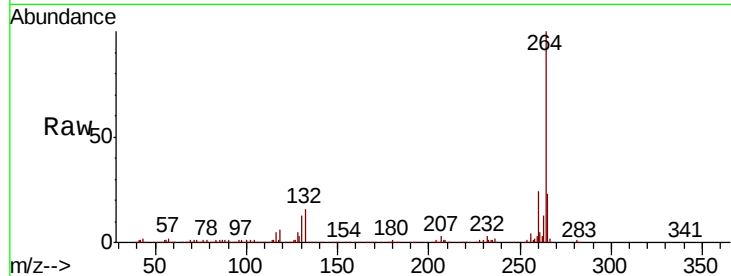
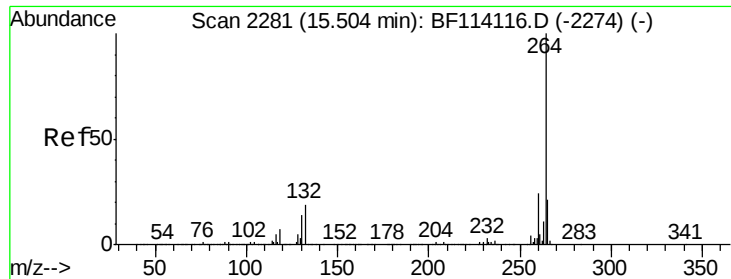
Tot Ion:240 Resp: 411013
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 84.700 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Tgt Ion:244 Resp: 1688773
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.5 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114581.D
Acq: 24 May 2019 20:32

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.8	16.9	25.3

