

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114498.D
 Acq On : 22 May 2019 22:06
 Operator : JU/SJ
 Sample : K2909-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190350-FIELD-BLANK

Quant Time: May 23 04:09:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166563	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	622658	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	283291	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	532908	20.00	ng	0.00
76) Chrysene-d12	13.99	240	388041	20.00	ng	-0.01
87) Perylene-d12	15.46	264	439828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	714896	69.07	ng	-0.01
7) Phenol-d6	6.47	99	612088	50.00	ng	-0.02
23) Nitrobenzene-d5	7.39	82	951926	85.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	336015	114.73	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1604790	85.69	ng	0.00
79) Terphenyl-d14	12.93	244	1462393	77.69	ng	0.00

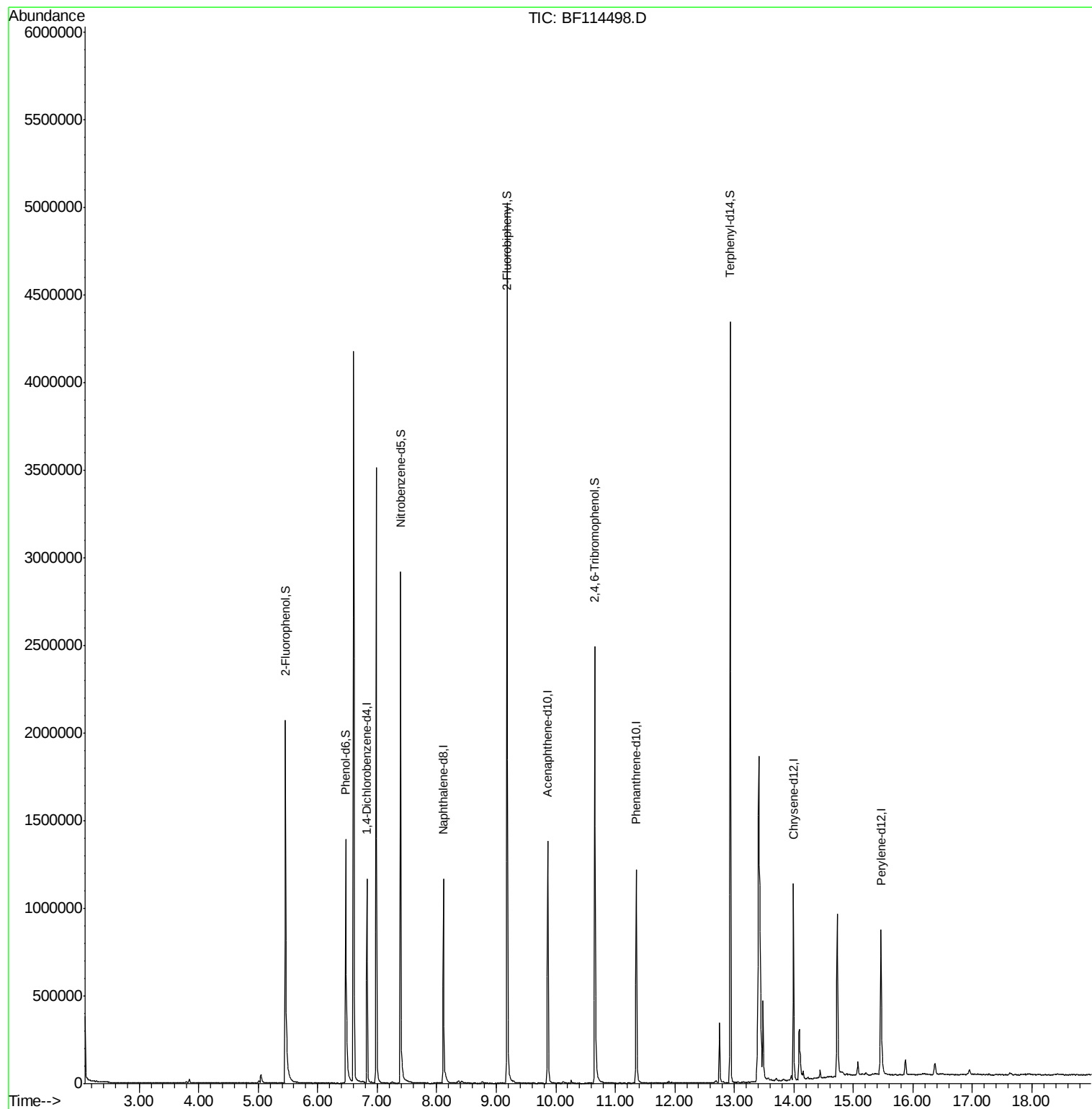
Target Compounds Qvalue

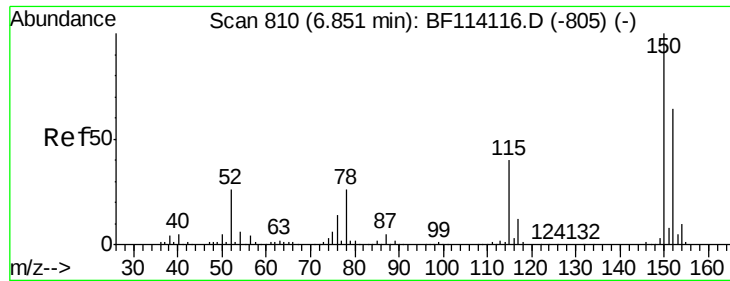
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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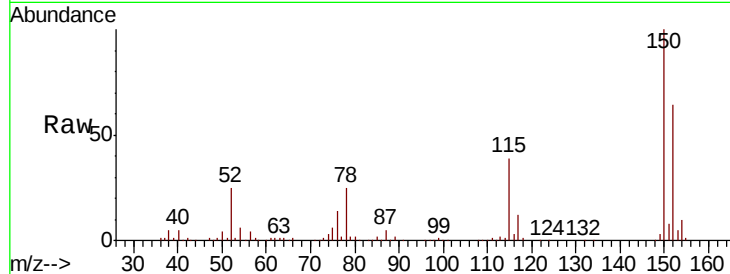


#1

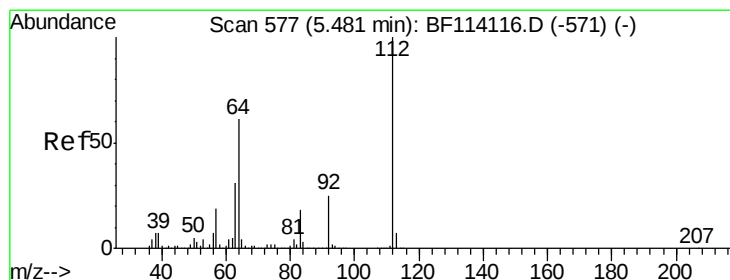
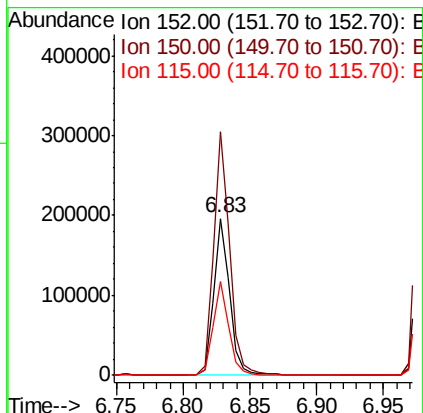
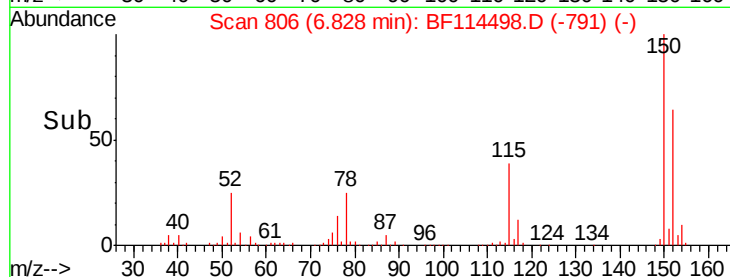
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

Instrument :
BNA_F
ClientSampleId :
20190350-FIELD-BLANK

Tot Ion:152 Resp: 166563
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 59.8 49.1 73.7



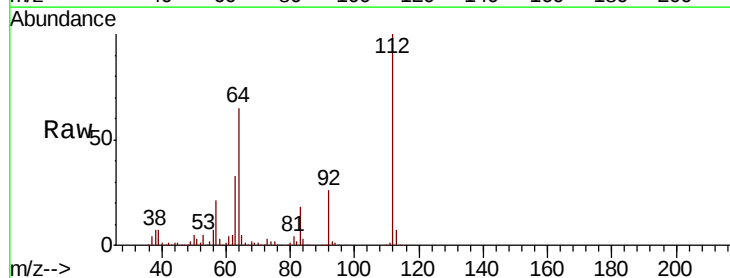
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



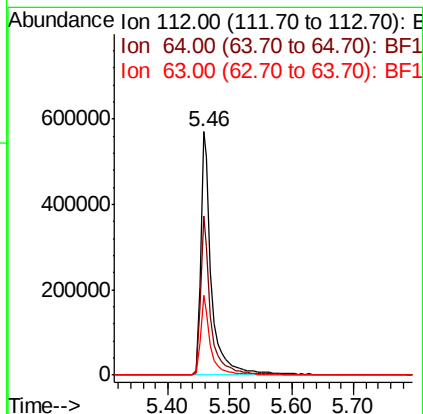
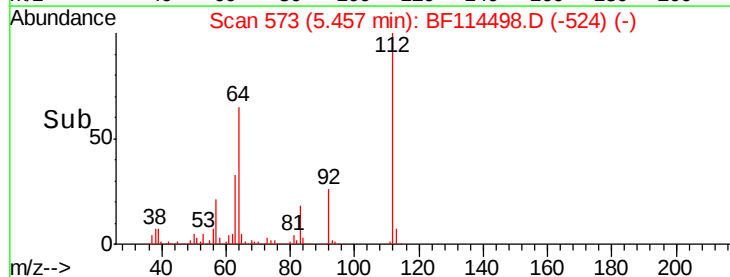
#5

2-Fluorophenol
Concen: 69.070 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

Tgt Ion:112 Resp: 714896
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 32.8 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: 50.001 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114498.D

Acq: 22 May 2019 22:06

Instrument :

BNA_F

ClientSampleId :

20190350-FIELD-BLANK

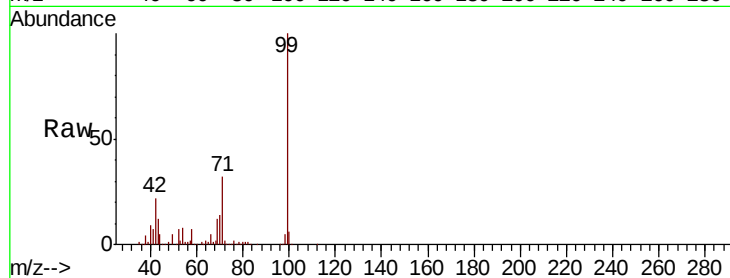
Tot Ion: 99 Resp: 612088

Ion Ratio Lower Upper

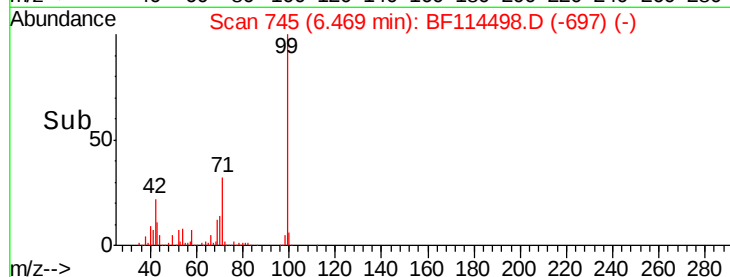
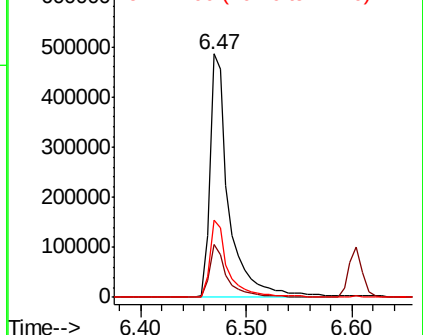
99 100

42 21.8 17.9 26.9

71 31.7 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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114498.D

Acq: 22 May 2019 22:06

Tgt Ion: 136 Resp: 622658

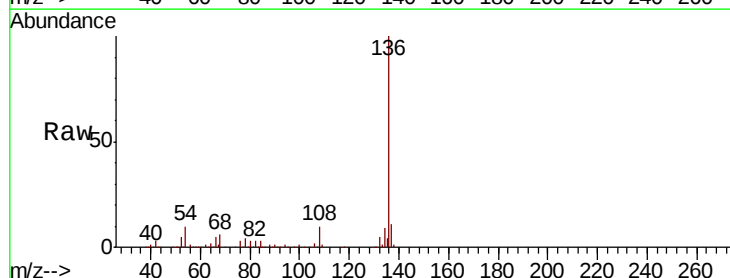
Ion Ratio Lower Upper

136 100

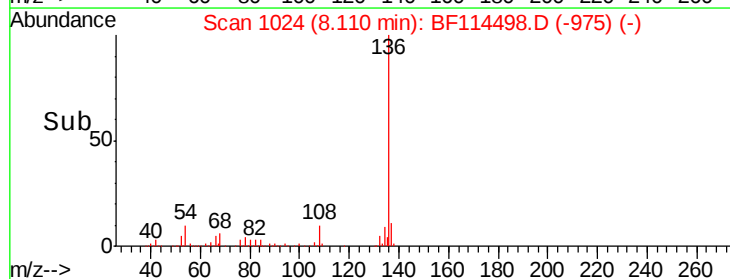
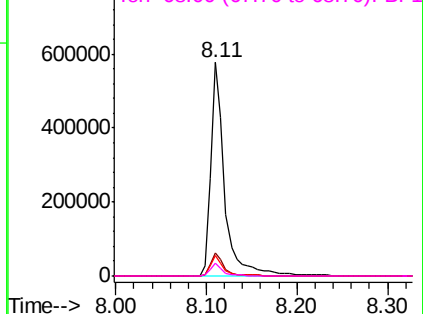
137 10.9 8.8 13.2

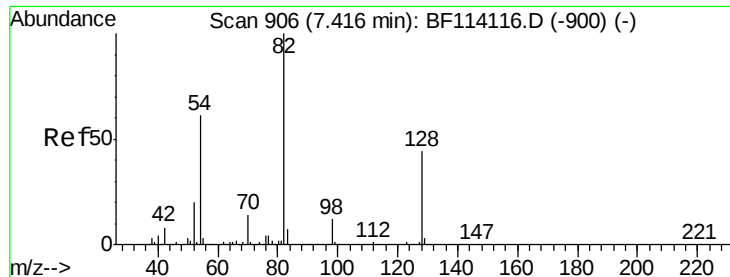
54 9.6 7.8 11.8

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

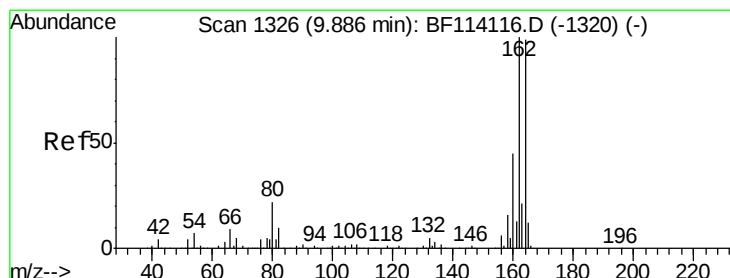
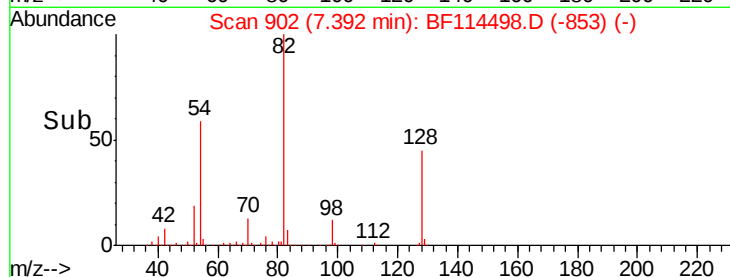
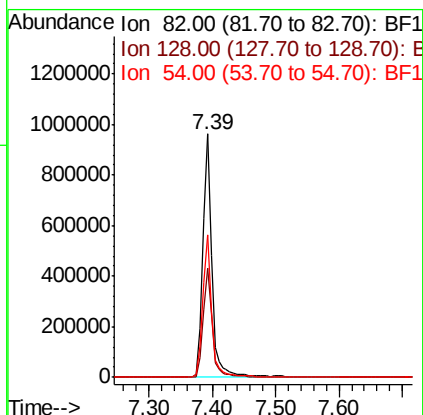
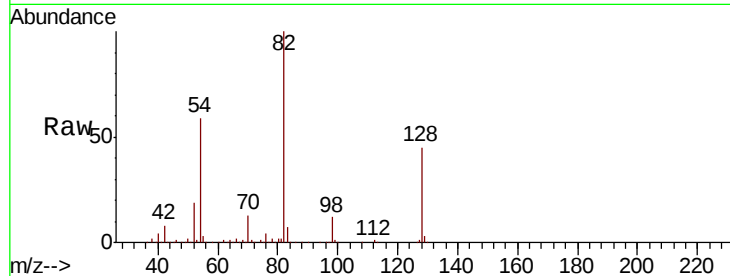




#23
Nitrobenzene-d5
Concen: 85.797 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

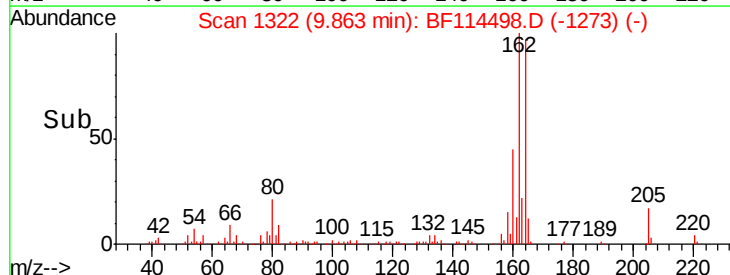
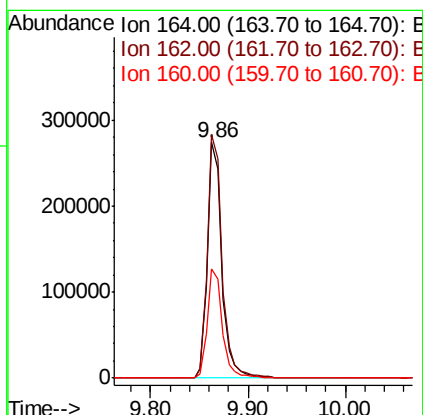
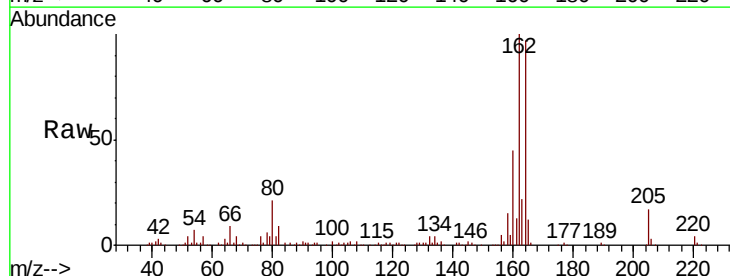
Instrument :
BNA_F
ClientSampleId :
20190350-FIELD-BLANK

Tot Ion: 82 Resp: 951926
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 58.8 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

Tgt Ion: 164 Resp: 283291
Ion Ratio Lower Upper
164 100
162 103.4 80.6 120.8
160 46.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 114.730 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114498.D

Acq: 22 May 2019 22:06

Instrument :

BNA_F

ClientSampleId :

20190350-FIELD-BLANK

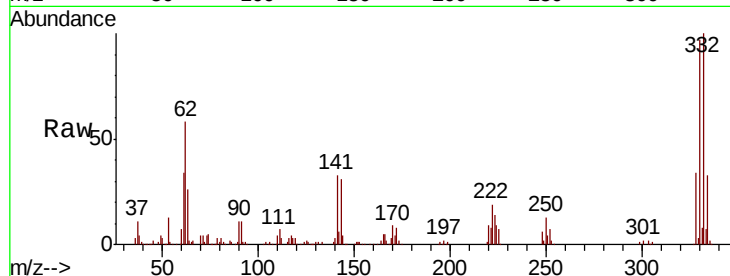
Tot Ion:330 Resp: 336015

Ion Ratio Lower Upper

330 100

332 102.0 81.4 122.2

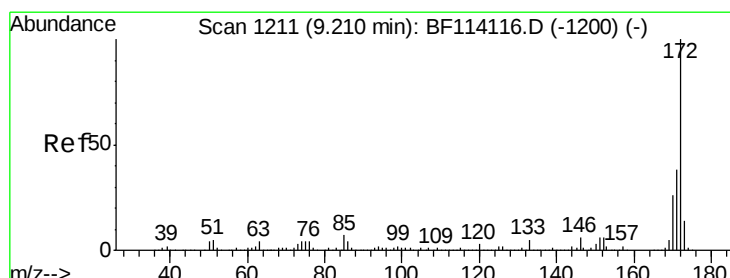
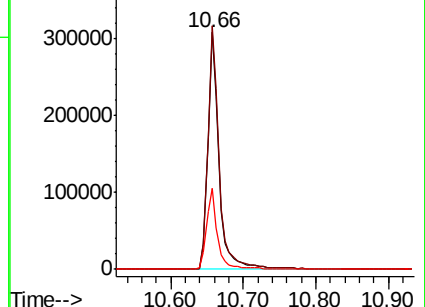
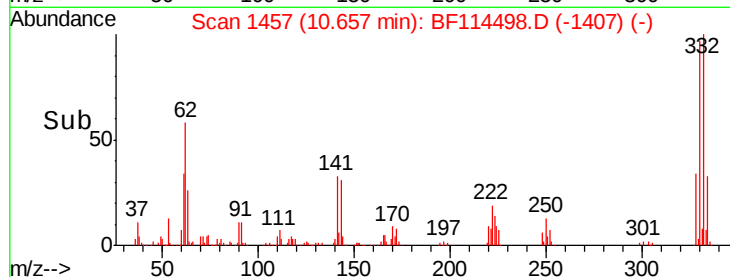
141 33.0 26.6 40.0



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: 85.690 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114498.D

Acq: 22 May 2019 22:06

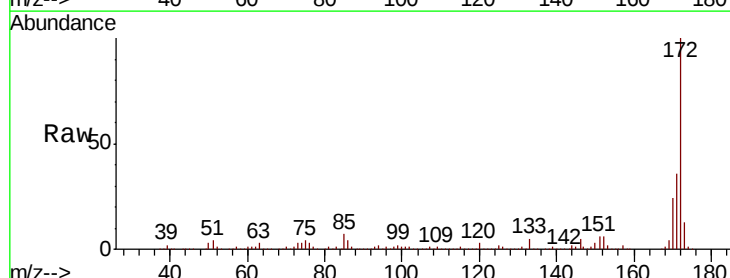
Tgt Ion:172 Resp: 1604790

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

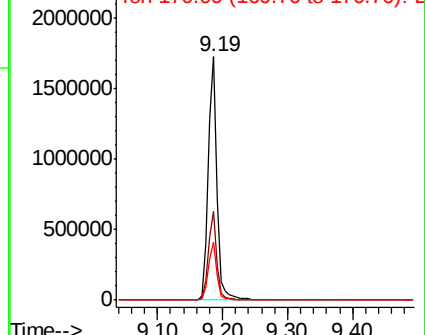
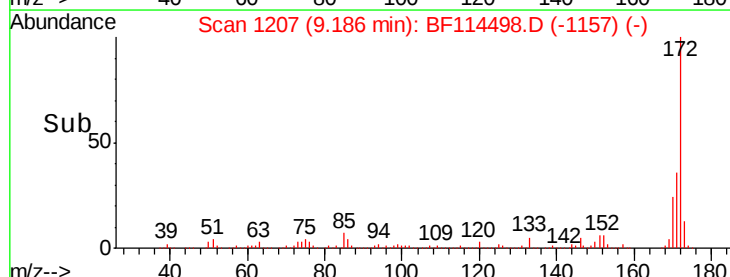
170 23.9 20.5 30.7

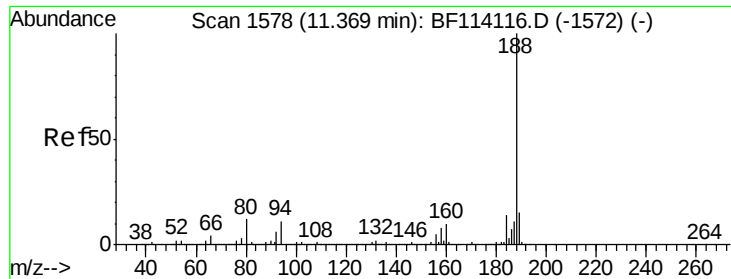


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

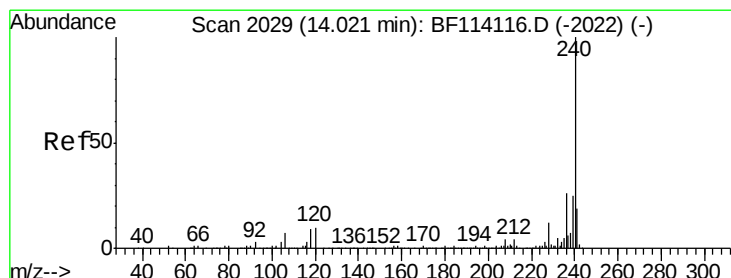
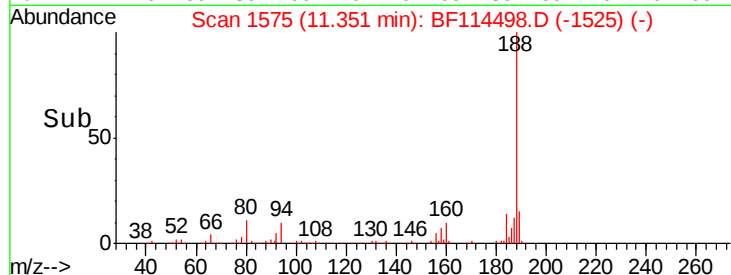
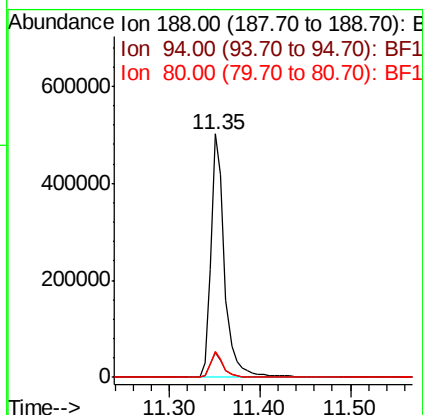
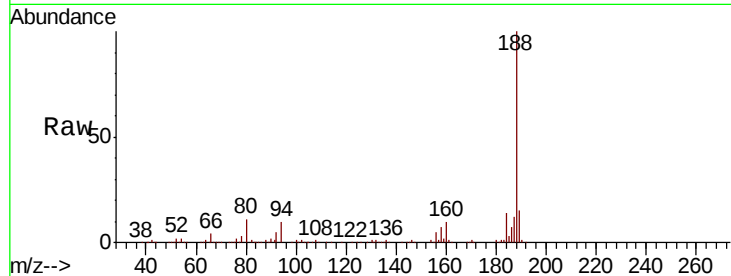




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

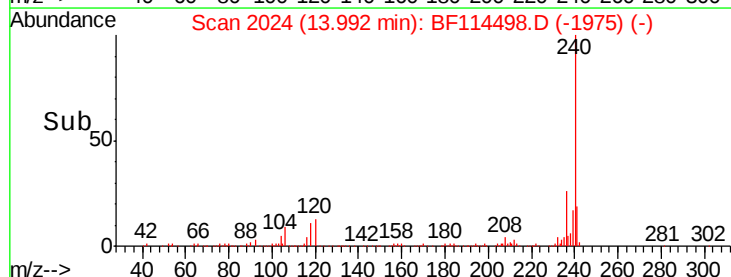
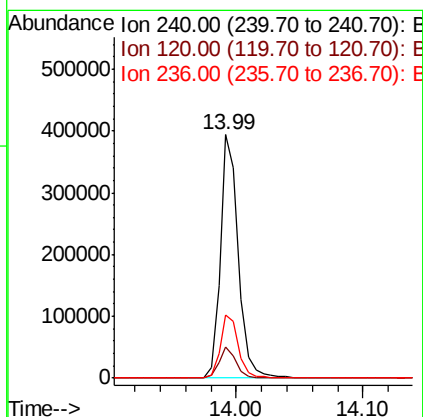
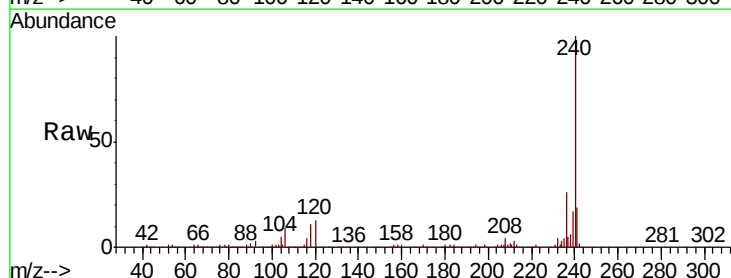
Instrument :
BNA_F
ClientSampleId :
20190350-FIELD-BLANK

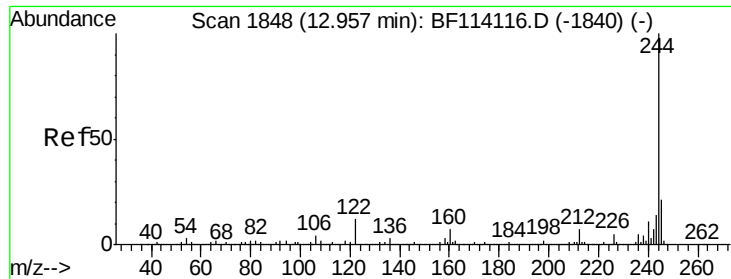
Tot Ion:188 Resp: 532908
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114498.D
Acq: 22 May 2019 22:06

Tgt Ion:240 Resp: 388041
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.9 20.8 31.2



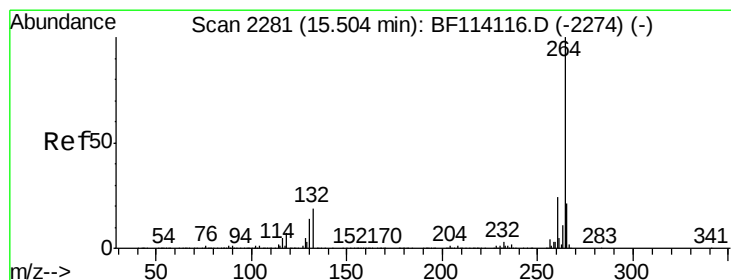
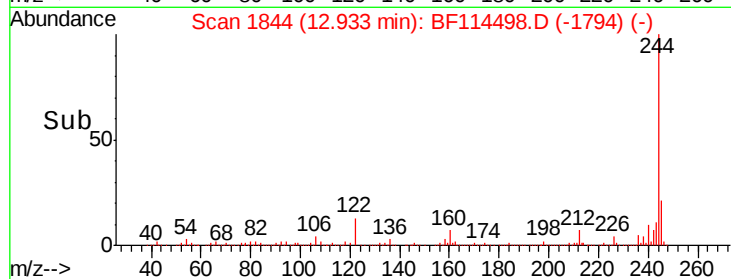
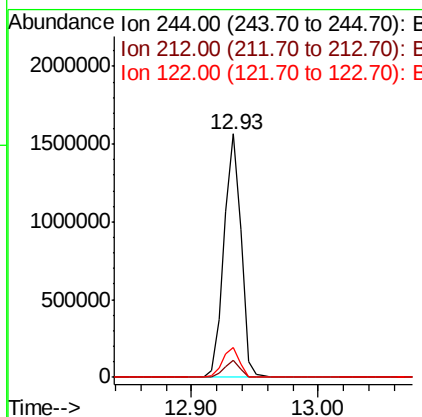
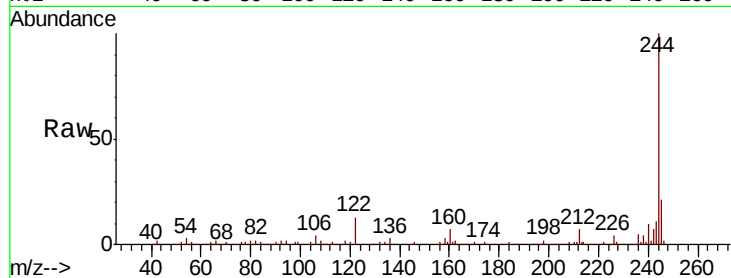


#79
 Terphenyl-d14
 Concen: 77.688 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114498.D
 Acq: 22 May 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 20190350-FIELD-BLANK

Tot Ion:244 Resp: 1462393

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	12.5	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF114498.D
 Acq: 22 May 2019 22:06

Tgt Ion:264 Resp: 439828

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.2	16.9	25.3

