

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114443.D
 Acq On : 20 May 2019 17:22
 Operator : JU/SJ
 Sample : K2943-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-1

Quant Time: May 21 11:37:57 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

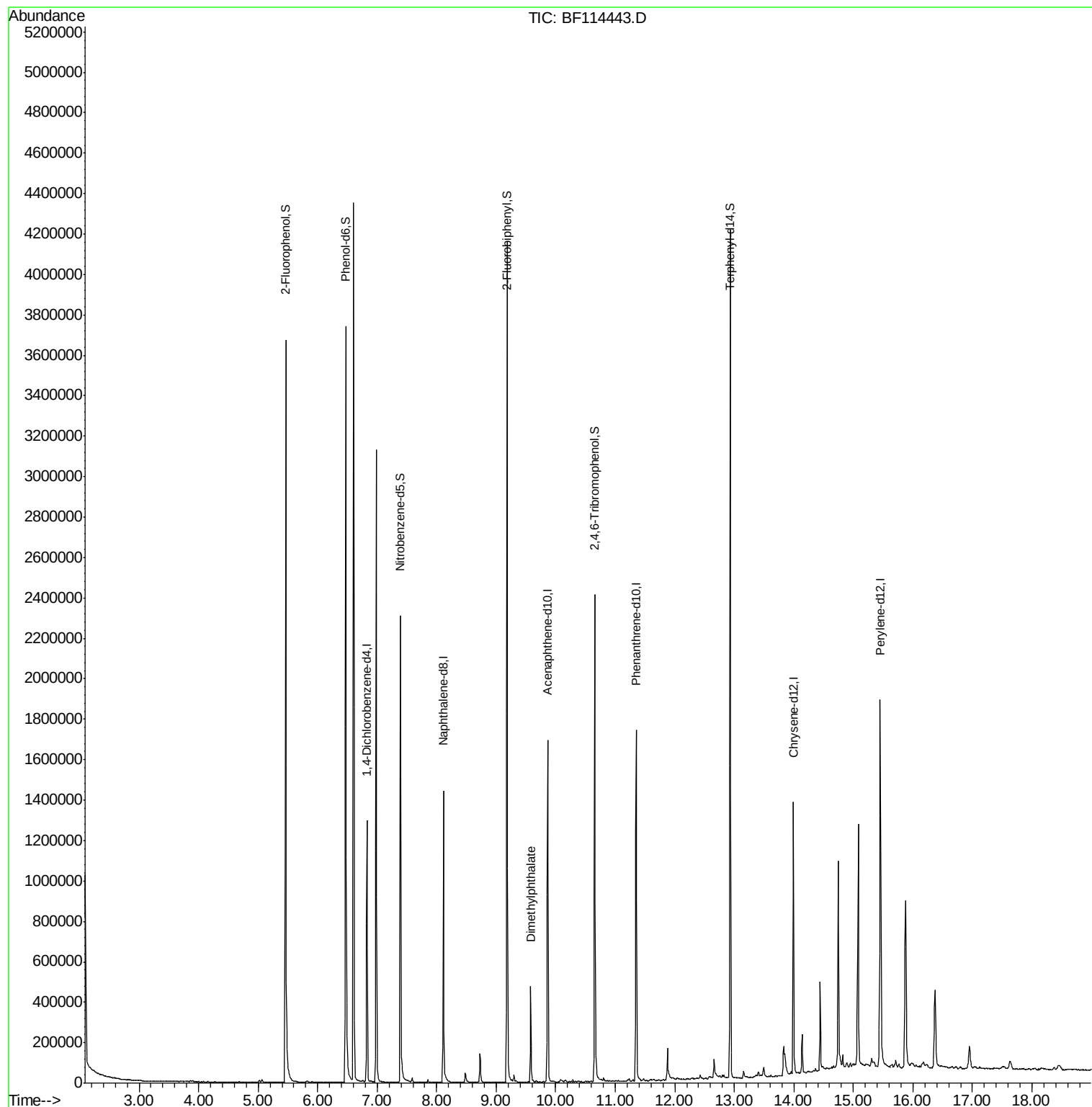
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184670	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	705749	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	328936	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	656779	20.00	ng	0.00
76) Chrysene-d12	13.99	240	453146	20.00	ng	-0.01
87) Perylene-d12	15.46	264	414410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1078139	93.95	ng	0.00
7) Phenol-d6	6.47	99	1411030	103.96	ng	-0.01
23) Nitrobenzene-d5	7.39	82	846717	67.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	320486	94.24	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1453278	66.83	ng	0.00
79) Terphenyl-d14	12.93	244	1454738	66.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	232565	9.631	ng	Qvalue 99

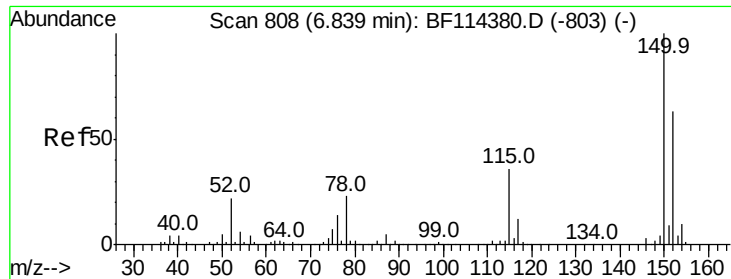
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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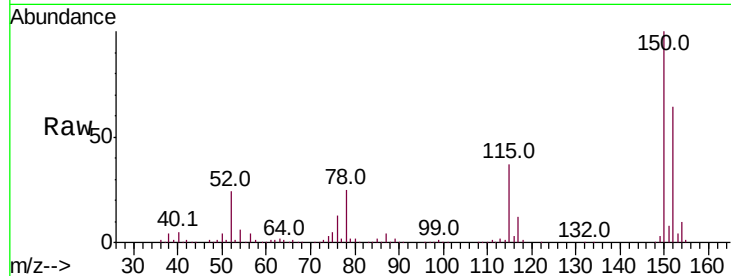


#1

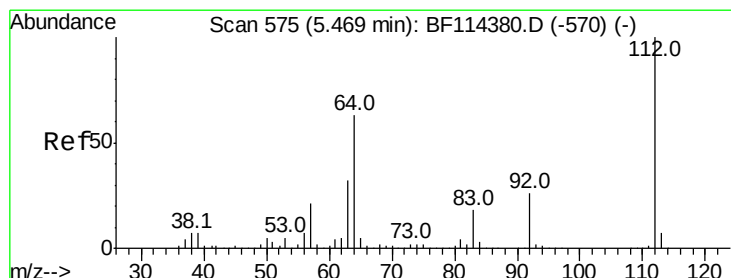
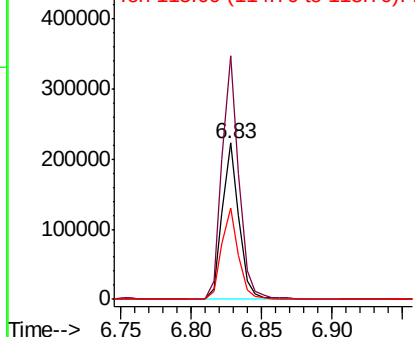
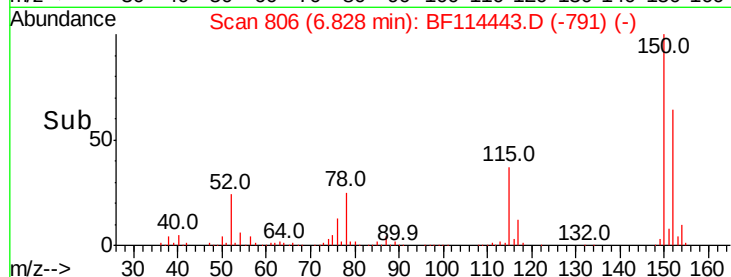
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Instrument :
 BNA_F
 ClientSampled :
 DB-1

Tot Ion:152 Resp: 184670
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.3 186.5
 115 58.4 49.1 73.7



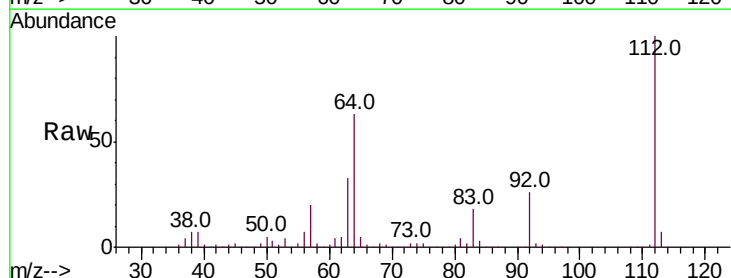
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



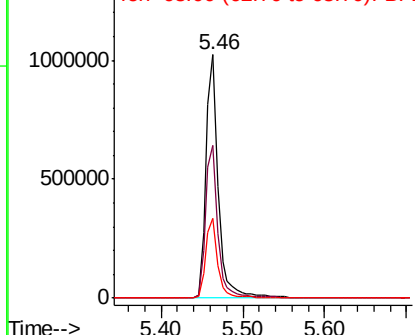
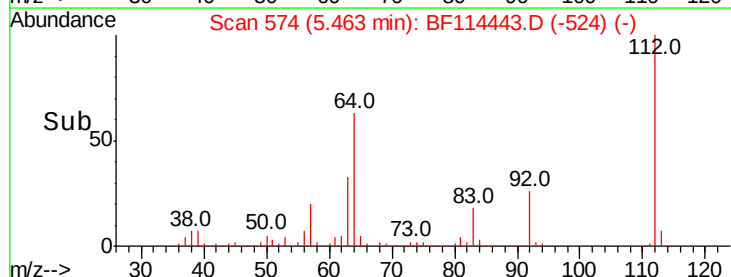
#5

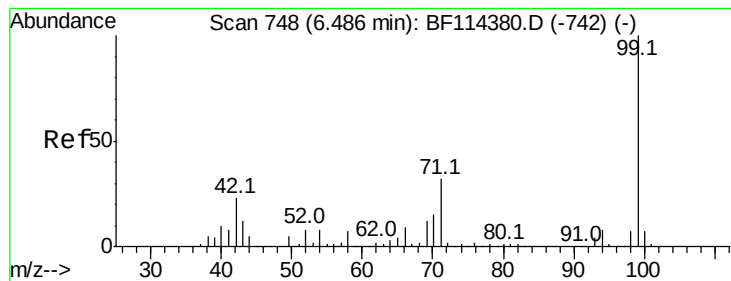
2-Fluorophenol
 Concen: 93.952 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Tgt Ion:112 Resp: 1078139
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.0 73.6
 63 32.5 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: 103.963 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

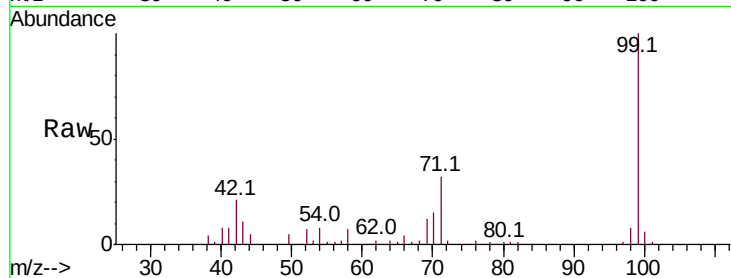
BNA_F

ClientSampleId :

DB-1

Tot Ion: 99 Resp: 1411030

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.9	26.9
71	31.9	26.2	39.2

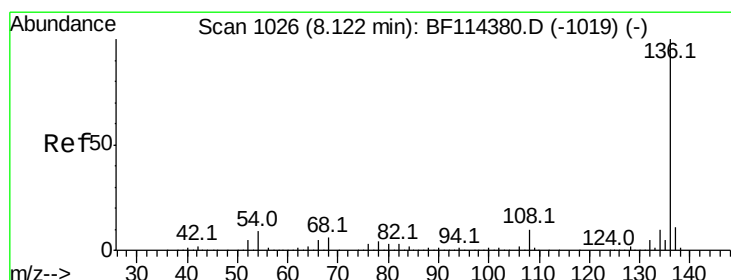
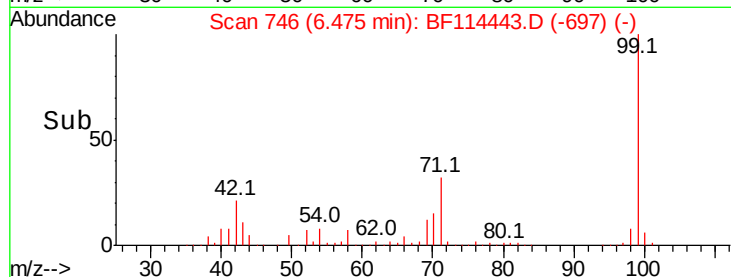
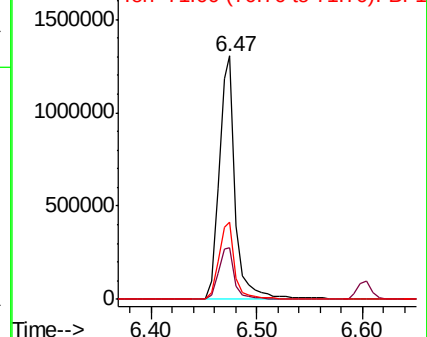


Abundance

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

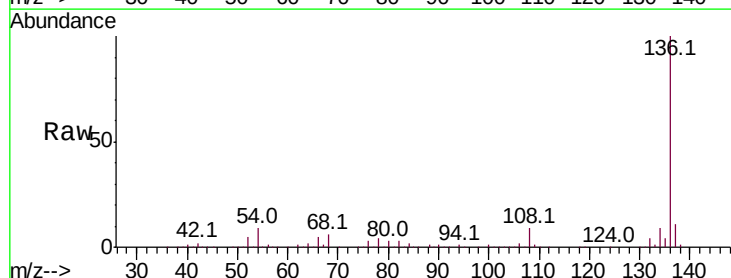
Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Tgt Ion: 136 Resp: 705749

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.8	11.8
68	6.1	5.1	7.7



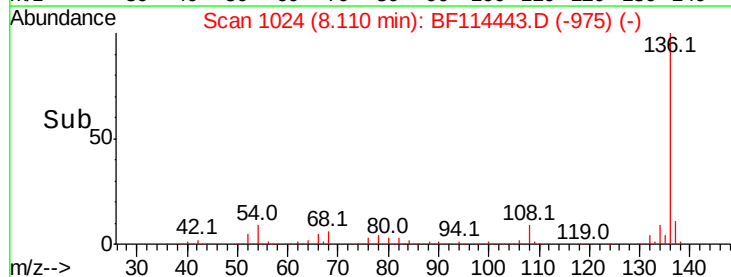
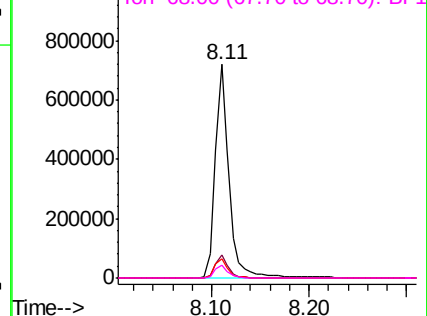
Abundance

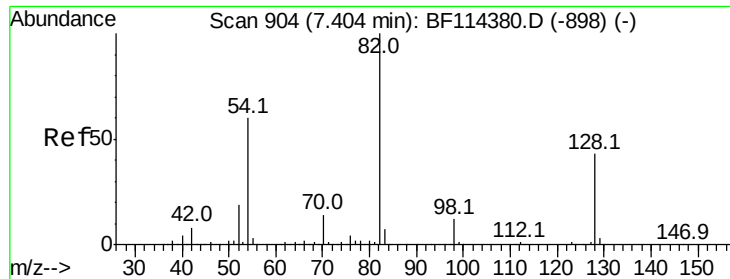
Ion 136.00 (135.70 to 136.70): E

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

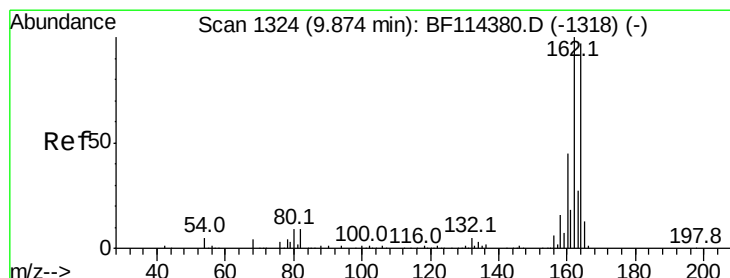
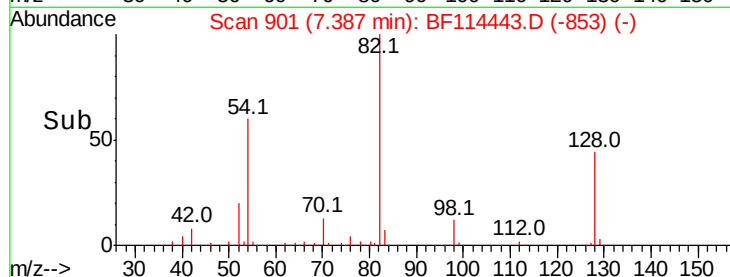
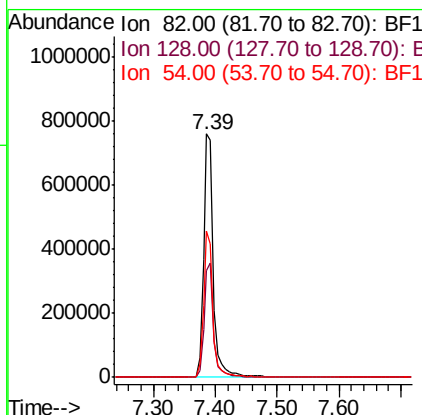
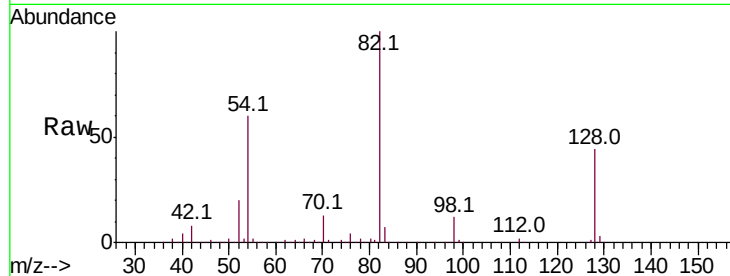




#23
 Nitrobenzene-d5
 Concen: 67.330 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

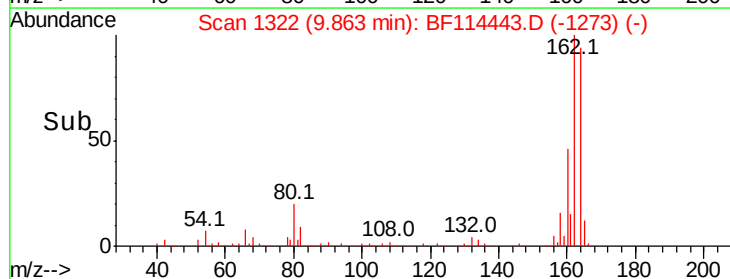
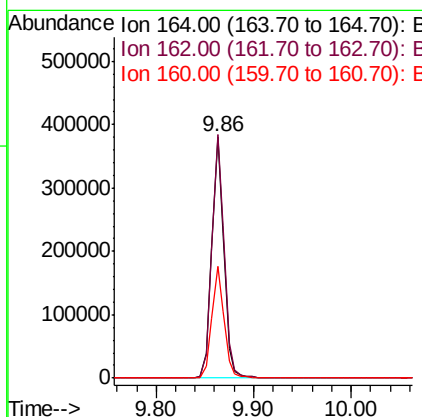
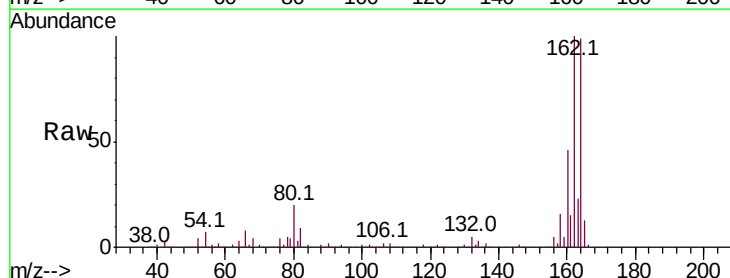
Instrument :
 BNA_F
 ClientSampleId :
 DB-1

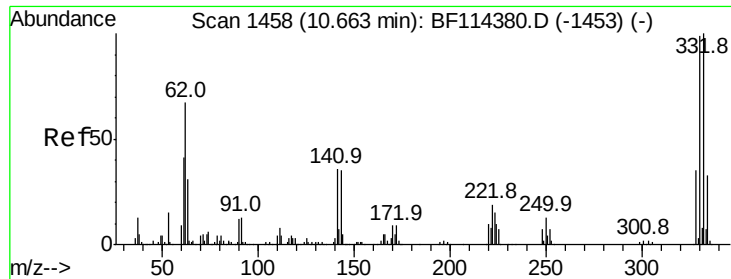
Tot Ion:	82	Resp:	846717
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.5	53.3
54	60.0	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Tgt Ion:	164	Resp:	328936
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	46.0	36.5	54.7

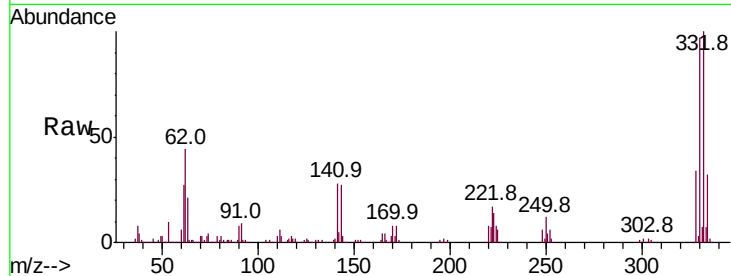




#42
 2,4,6-Tribromophenol
 Concen: 94.243 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Instrument :
 BNA_F
 ClientSampled :
 DB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	33.8	26.6	40.0

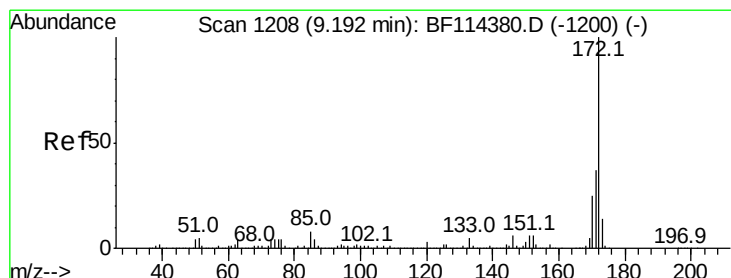
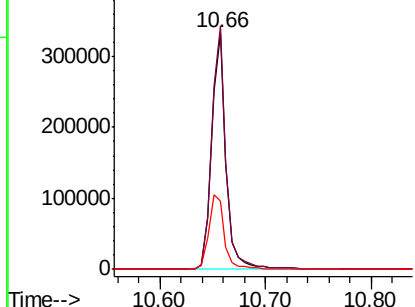
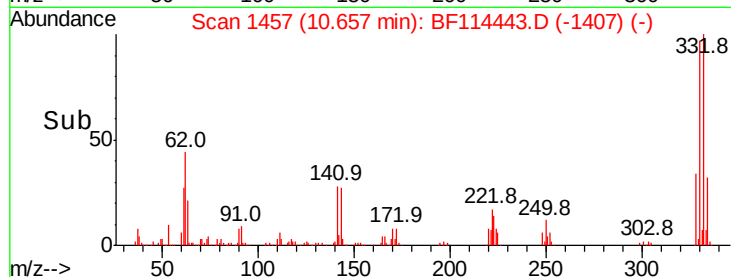


Abundance

Ion 329.80 (329.50 to 330.50): E

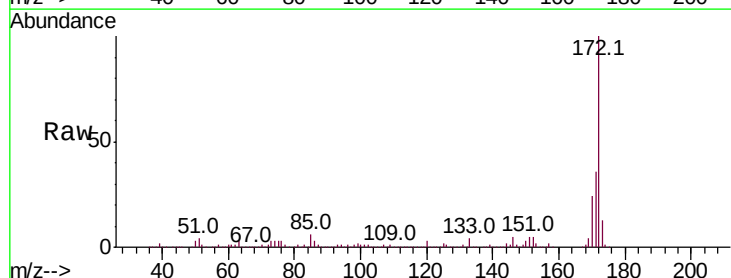
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.831 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114443.D
 Acq: 20 May 2019 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	23.6	20.5	30.7

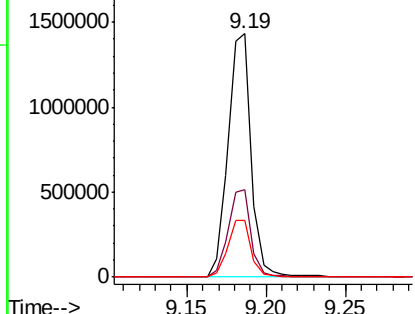
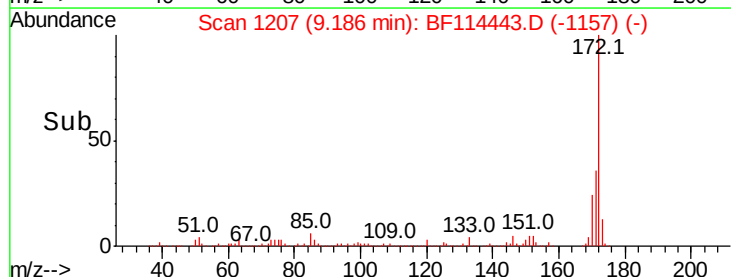


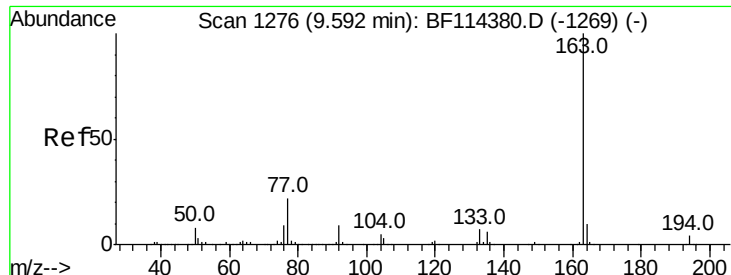
Abundance

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: 9.631 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

DB-1

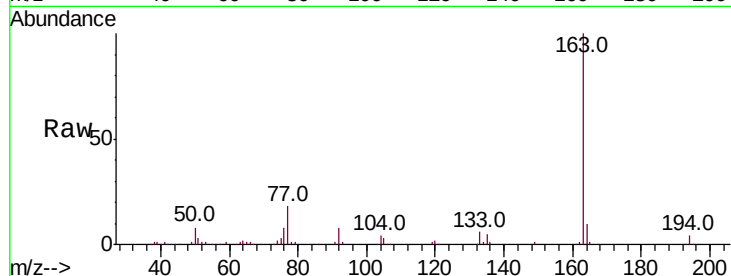
Tot Ion:163 Resp: 232565

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

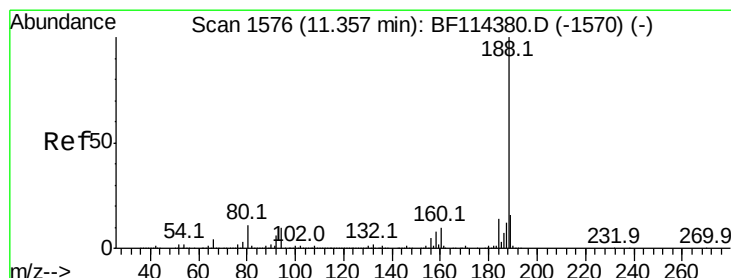
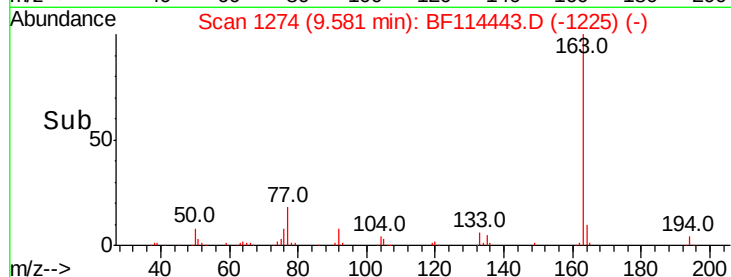
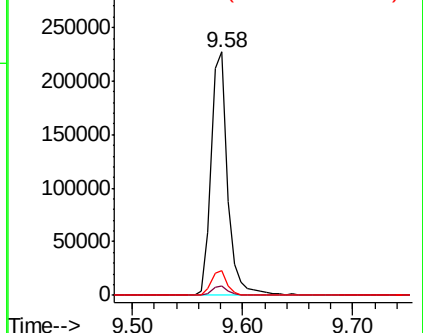
164 9.9 8.2 12.2



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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

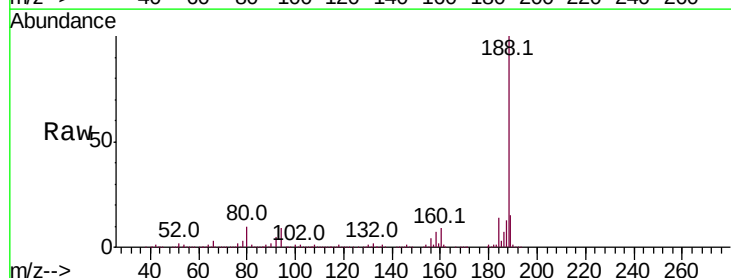
Tgt Ion:188 Resp: 656779

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

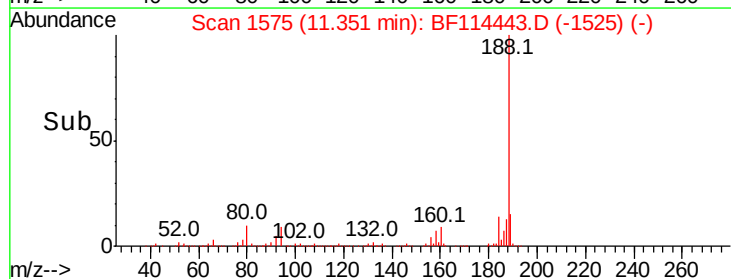
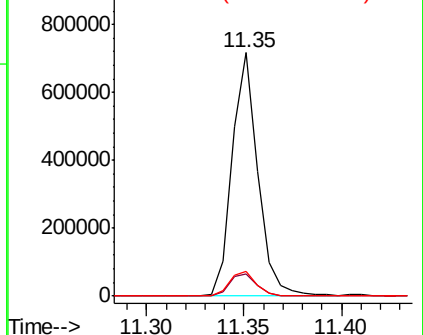
80 9.9 9.2 13.8

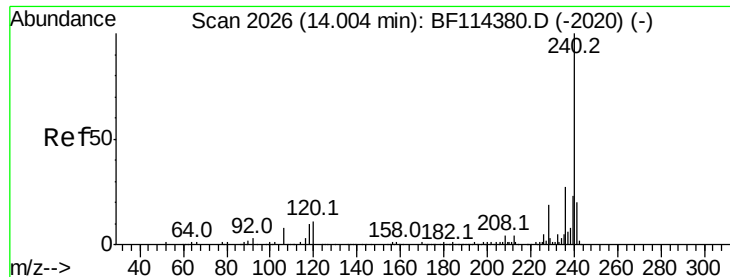


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

DB-1

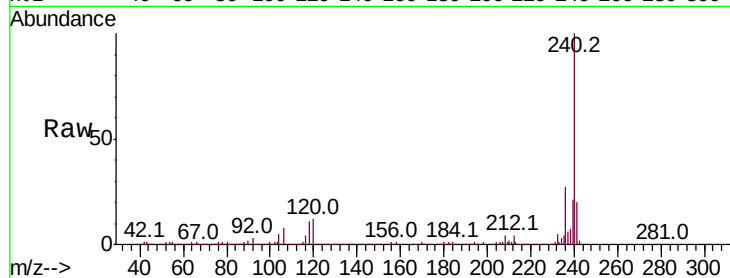
Tot Ion:240 Resp: 453146

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

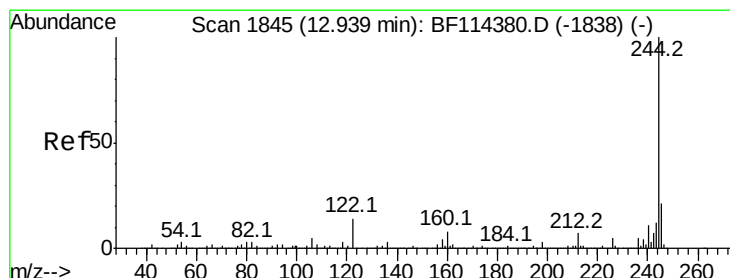
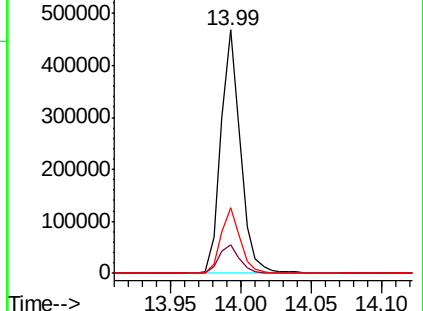
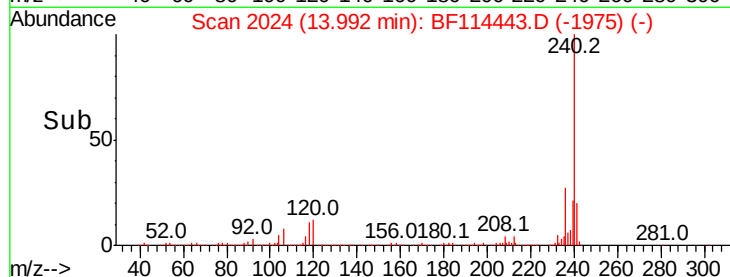
236 26.8 20.8 31.2



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



#79

Terphenyl-d14

Concen: 66.178 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

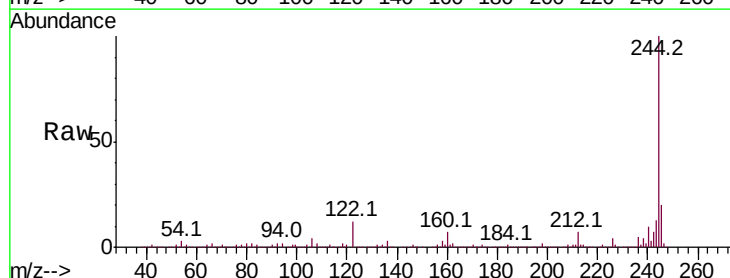
Tgt Ion:244 Resp: 1454738

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

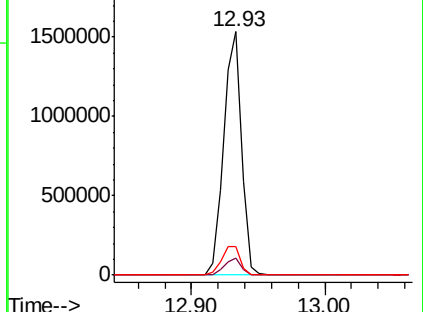
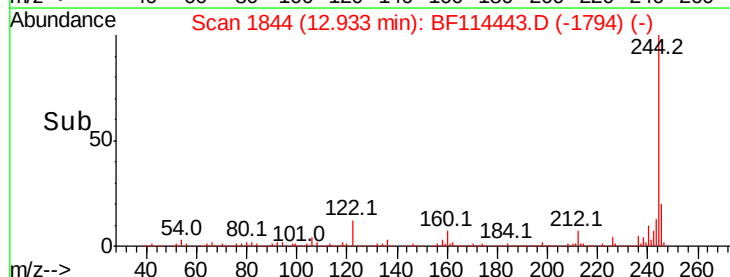
122 11.9 9.4 14.2

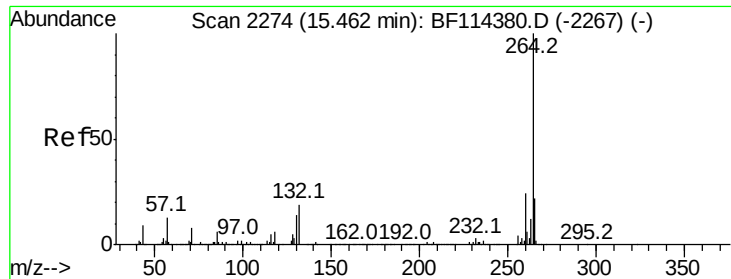


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF114443.D

Acq: 20 May 2019 17:22

Instrument :

BNA_F

ClientSampleId :

DB-1

Tot Ion:264 Resp: 414410

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 21.3 16.9 25.3

