

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112493.D
 Acq On : 11 Feb 2019 20:52
 Operator : JU/SJ
 Sample : K1453-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-8-S

Quant Time: Feb 12 01:29:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129391	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	485788	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	219490	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	367351	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	290124	20.00	ng	0.00
87) Perylene-d12	15.47	264	285249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	886853	145.58	ng	0.00
7) Phenol-d6	6.49	99	977273	115.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	790070	93.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	332845	130.28	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1518281	97.83	ng	-0.02
79) Terphenyl-d14	12.94	244	1319174	85.64	ng	-0.01

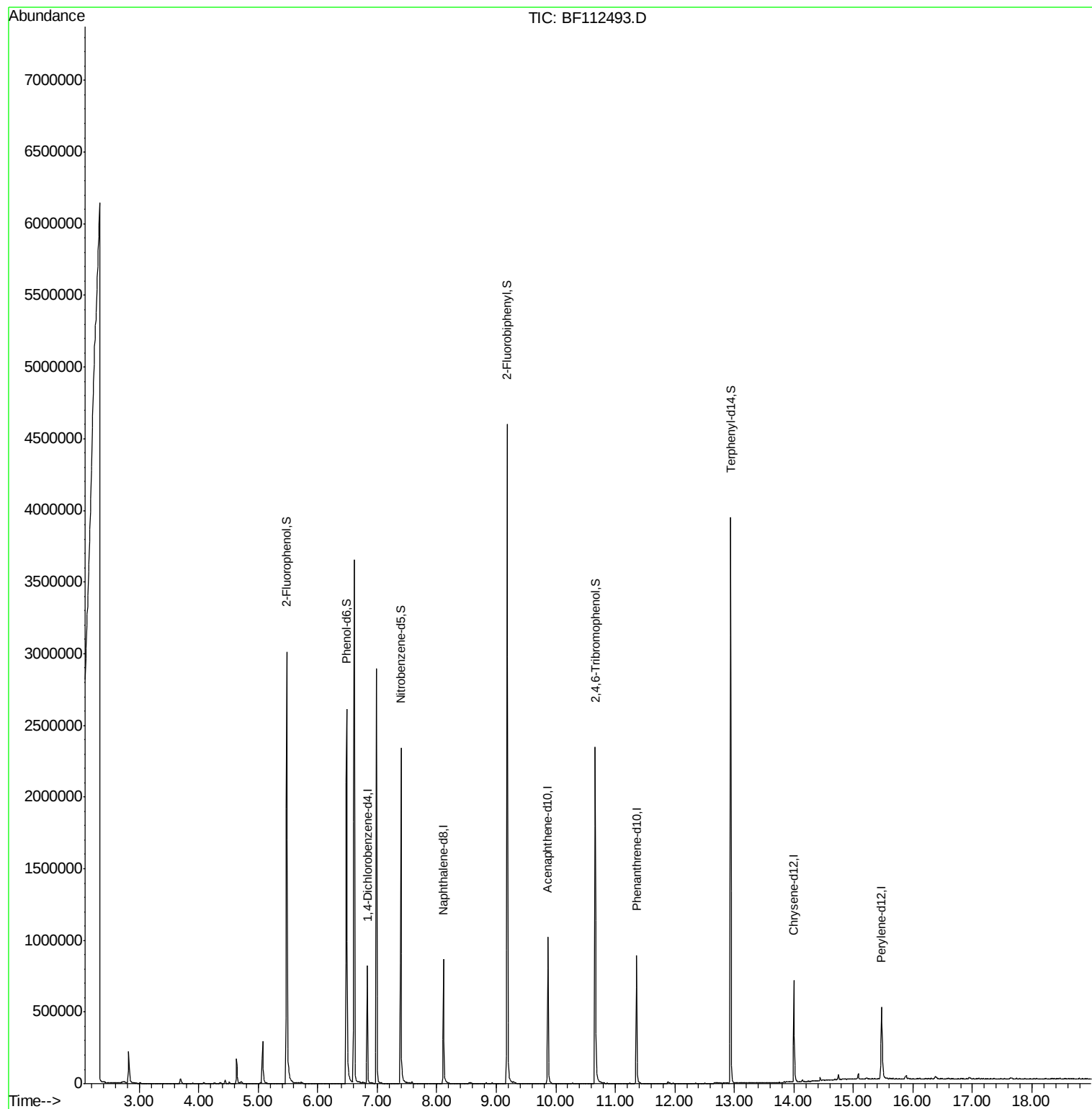
Target Compounds Qvalue

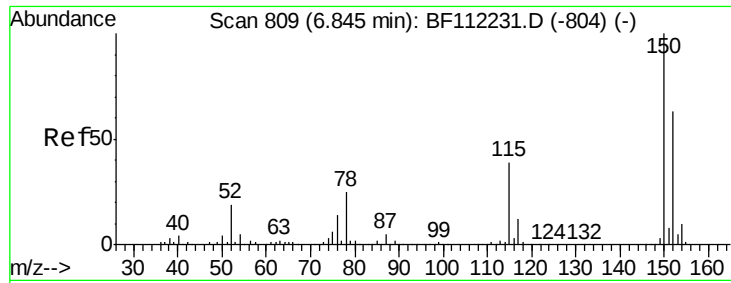
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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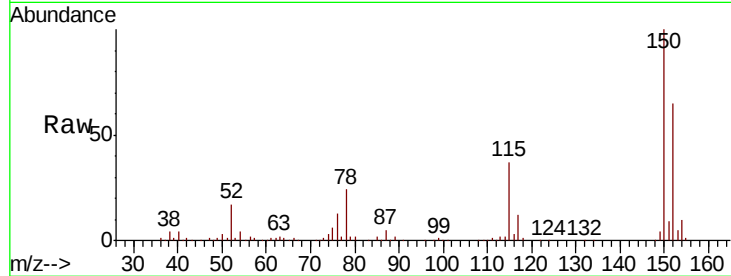


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112493.D
Acq: 11 Feb 2019 20:52

Instrument :
BNA_F
ClientSampleId :
M-8-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.4	191.0
115	57.1	45.5	68.3

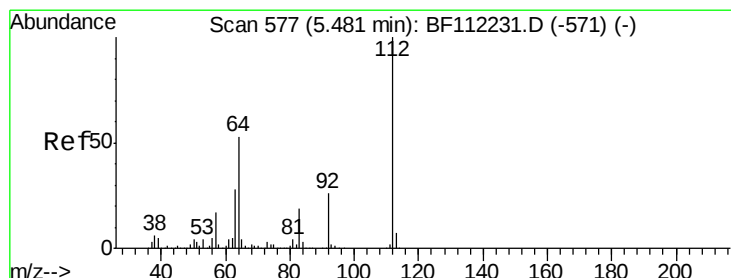
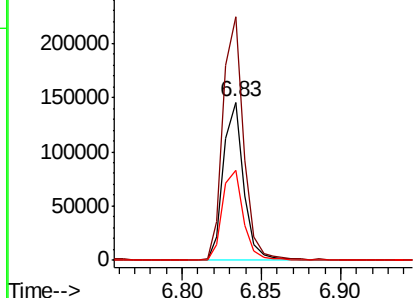
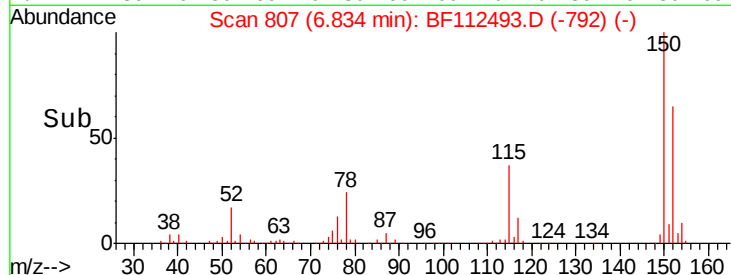


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

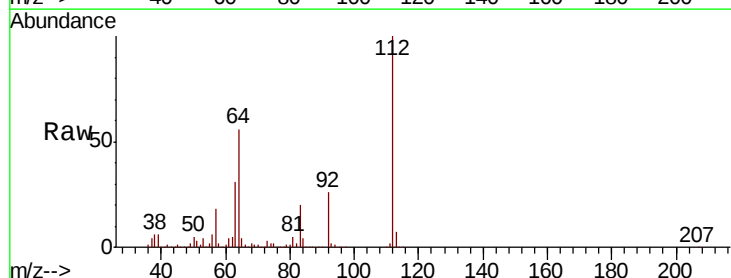
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.585 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112493.D
Acq: 11 Feb 2019 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	30.7	23.6	35.4

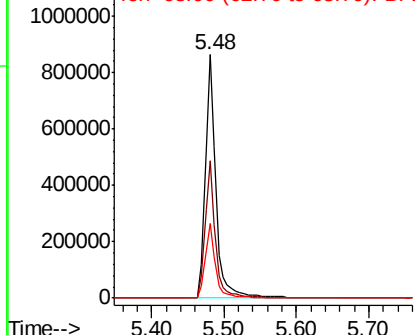
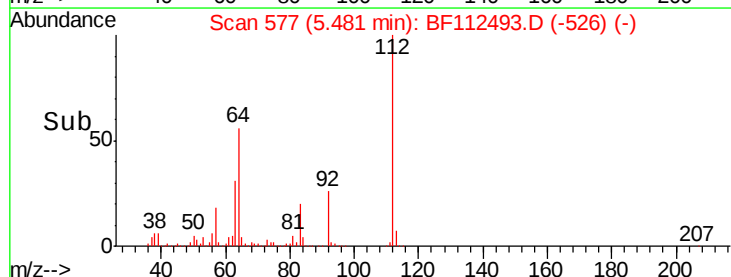


Abundance

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: 115.453 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

Instrument :

BNA_F

ClientSampleId :

M-8-S

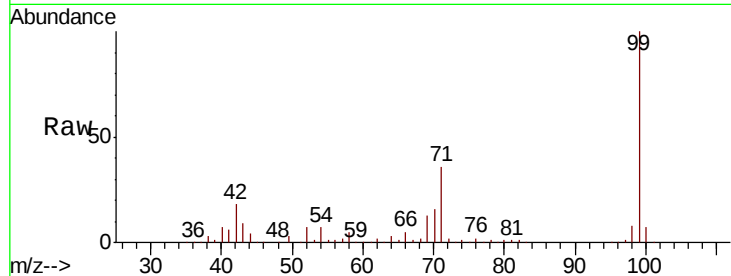
Tot Ion: 99 Resp: 977273

Ion Ratio Lower Upper

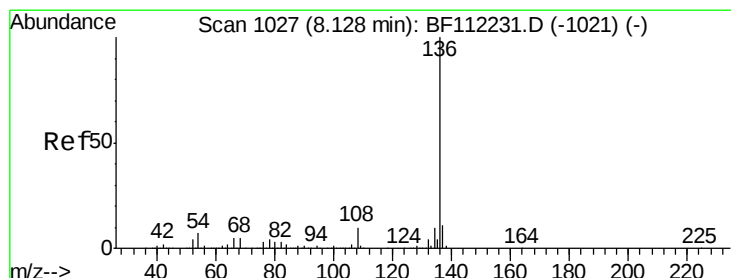
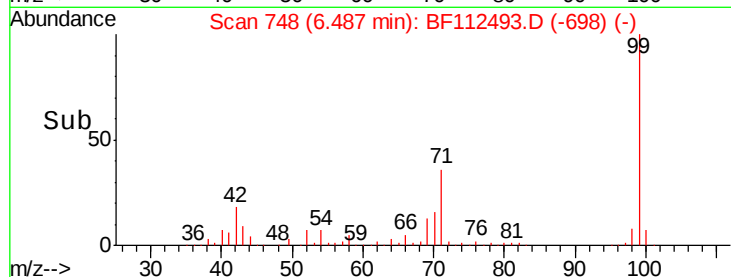
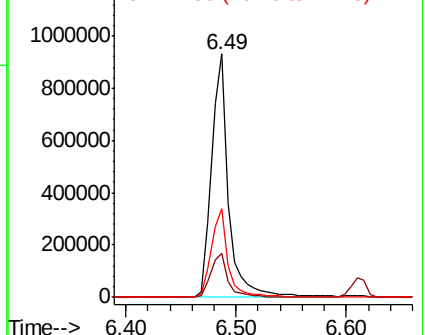
99 100

42 18.3 15.1 22.7

71 36.5 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

Tgt Ion: 136 Resp: 485788

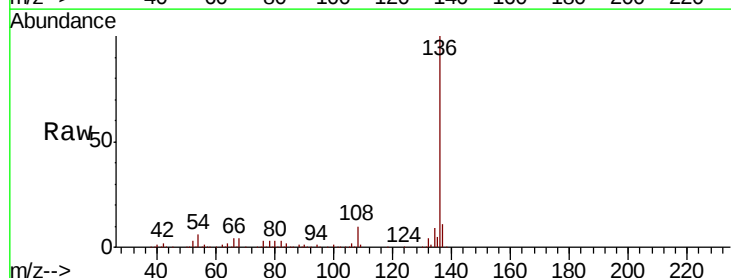
Ion Ratio Lower Upper

136 100

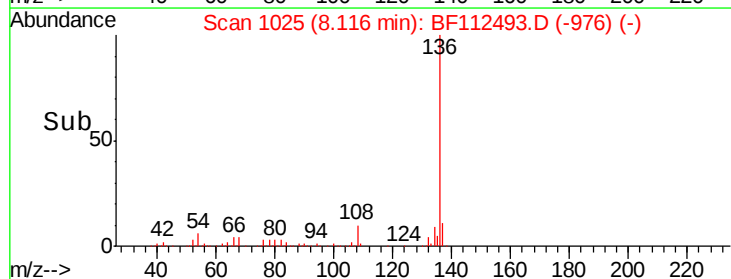
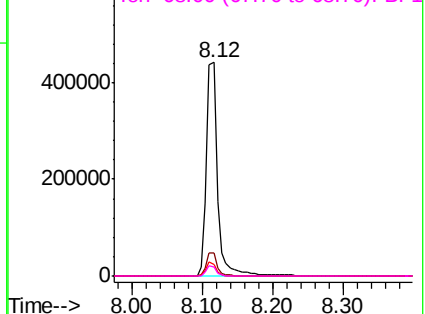
137 10.6 9.1 13.7

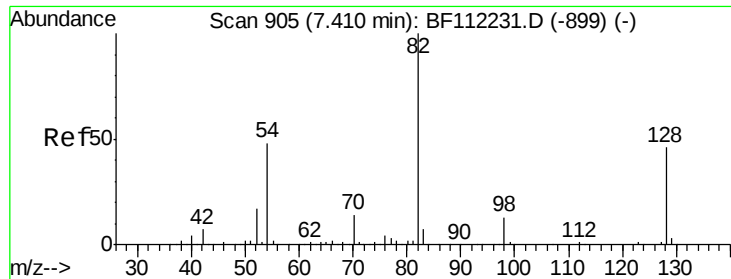
54 5.6 5.9 8.9#

68 4.2 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

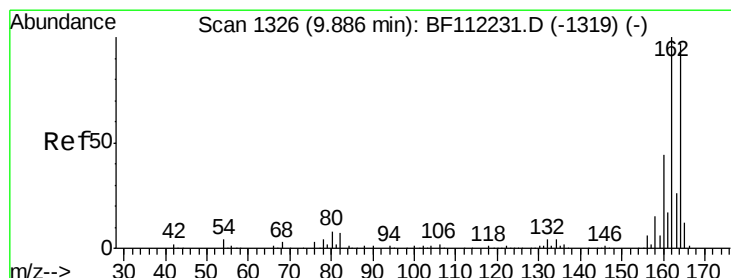
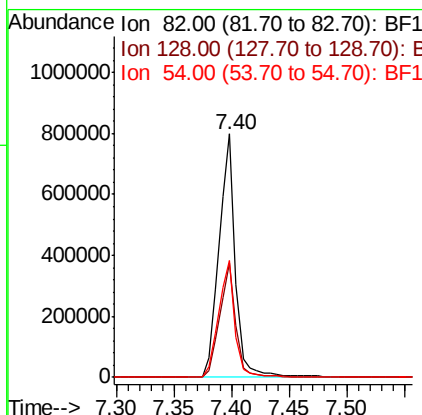
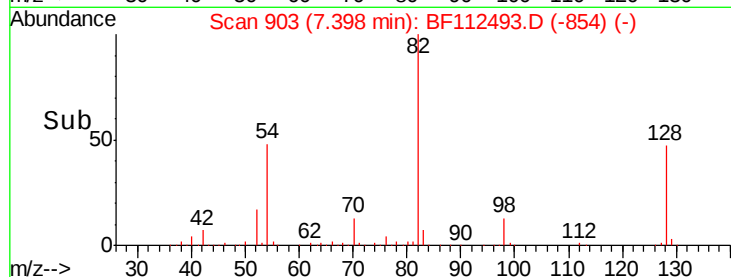
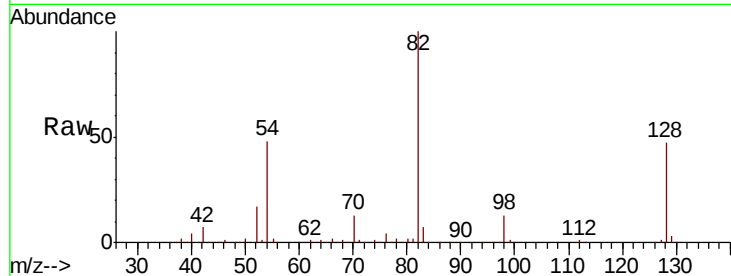




#23
 Nitrobenzene-d5
 Concen: 93.711 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112493.D
 Acq: 11 Feb 2019 20:52

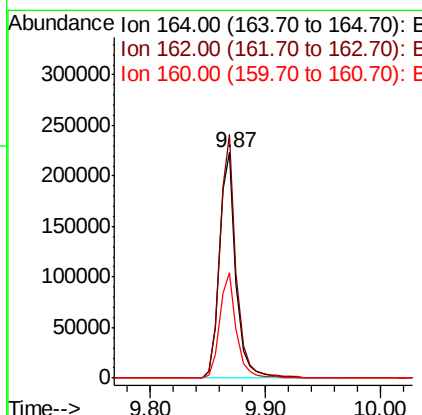
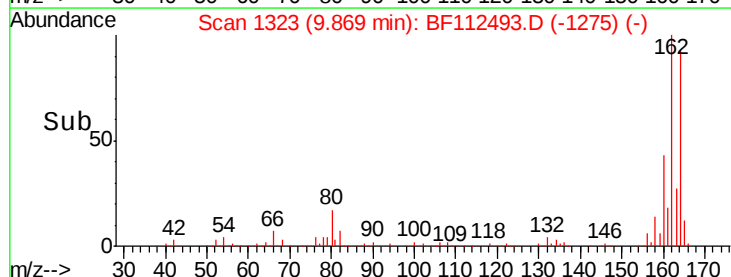
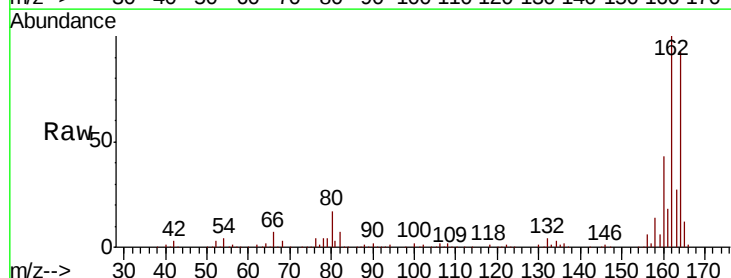
Instrument :
 BNA_F
 ClientSampleId :
 M-8-S

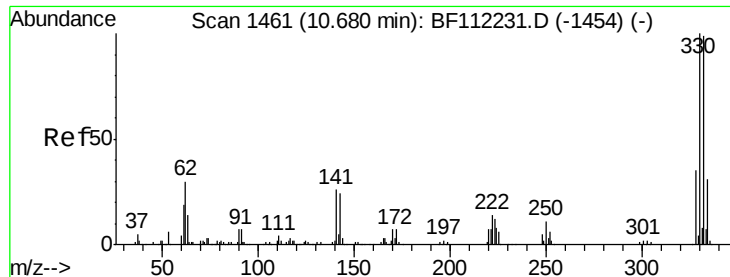
Tot Ion: 82 Resp: 790070
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.8 56.8
 54 47.8 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112493.D
 Acq: 11 Feb 2019 20:52

Tgt Ion: 164 Resp: 219490
 Ion Ratio Lower Upper
 164 100
 162 108.0 82.2 123.4
 160 46.8 36.2 54.4

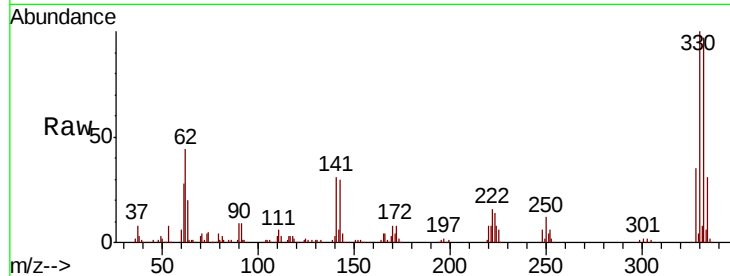




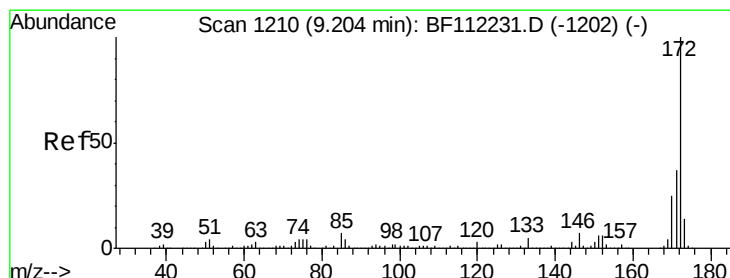
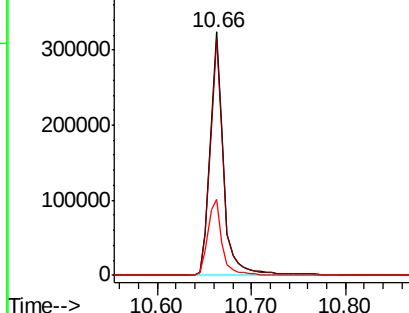
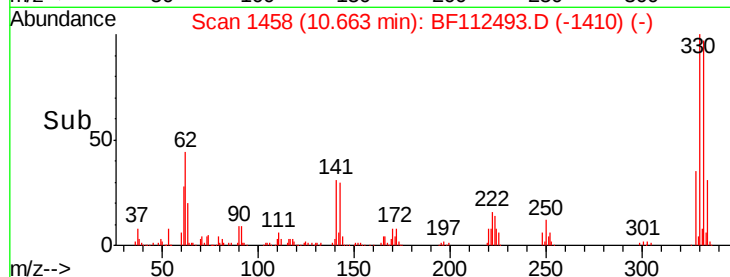
#42
 2,4,6-Tribromophenol
 Concen: 130.282 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112493.D
 Acq: 11 Feb 2019 20:52

Instrument :
 BNA_F
 ClientSampleId :
 M-8-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	33.3	24.3	36.5

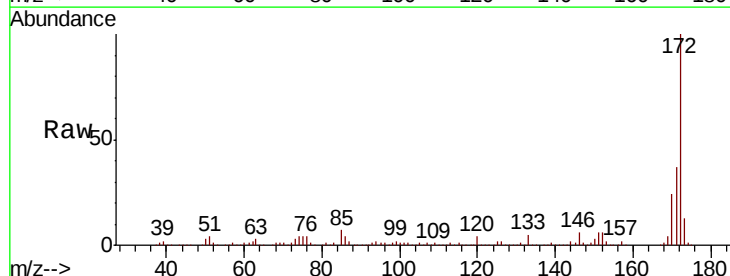


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

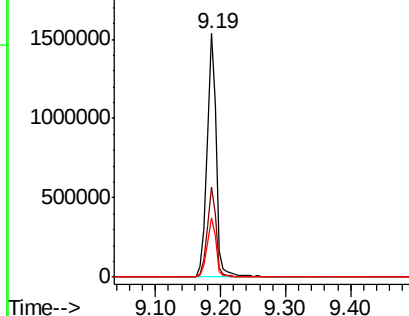
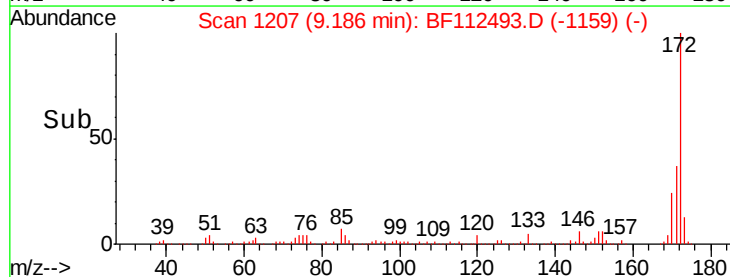


#45
 2-Fluorobiphenyl
 Concen: 97.834 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112493.D
 Acq: 11 Feb 2019 20:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.2	20.2	30.4



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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

Instrument :

BNA_F

ClientSampleId :

M-8-S

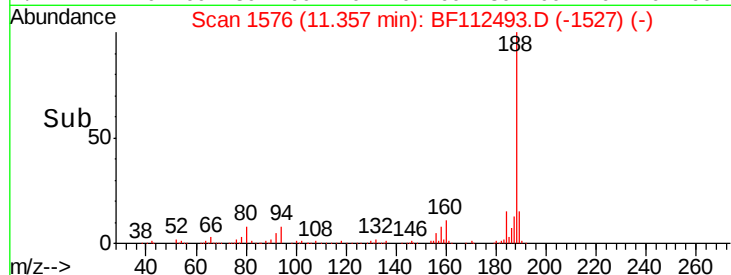
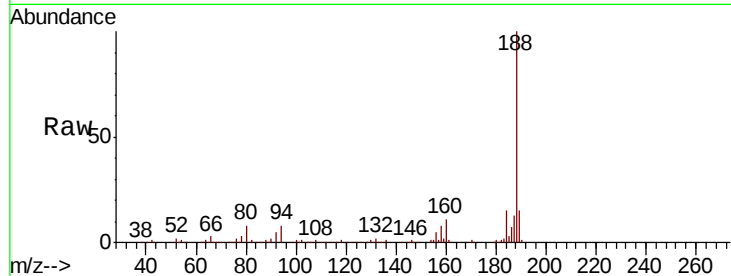
Tot Ion:188 Resp: 367351

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

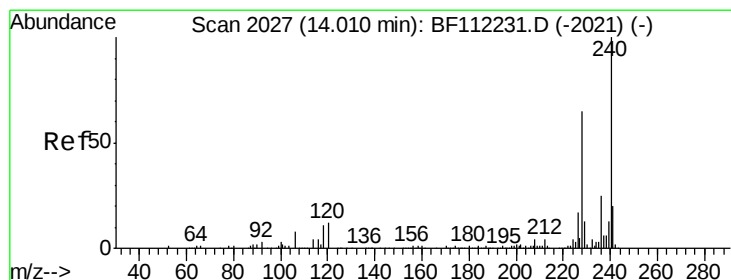
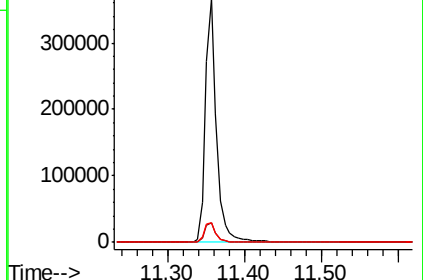
80 8.2 8.9 13.3#



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

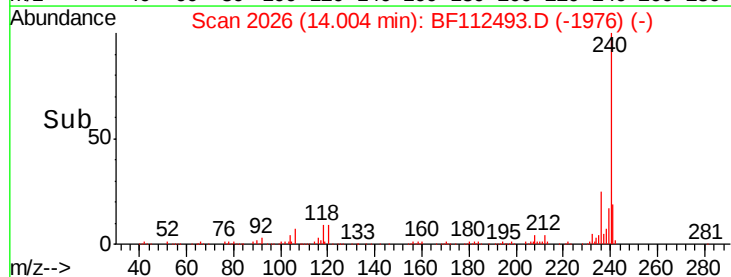
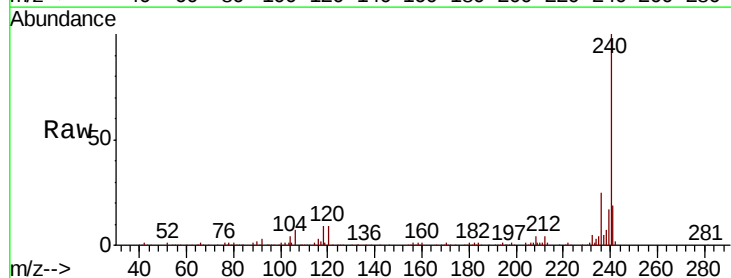
Tgt Ion:240 Resp: 290124

Ion Ratio Lower Upper

240 100

120 8.9 9.0 13.6#

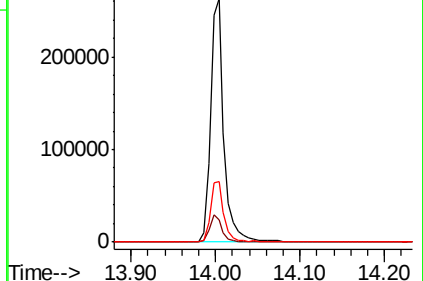
236 24.7 20.7 31.1



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: 85.639 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

Instrument :

BNA_F

ClientSampleId :

M-8-S

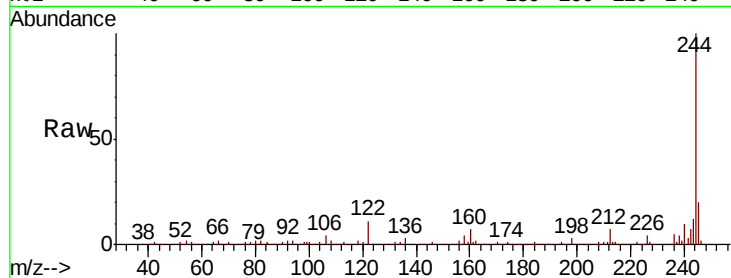
Tot Ion:244 Resp: 1319174

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

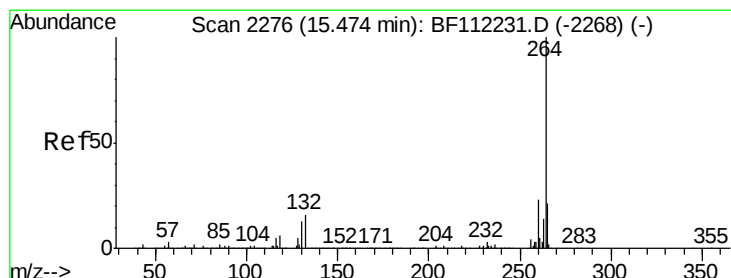
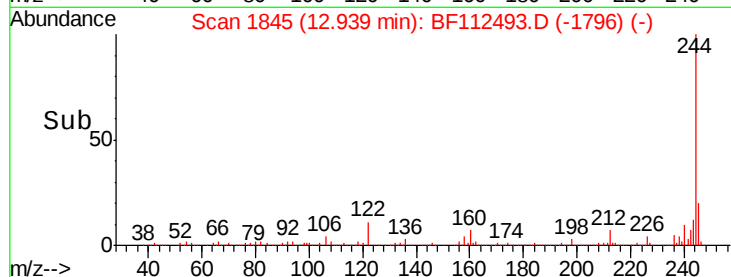
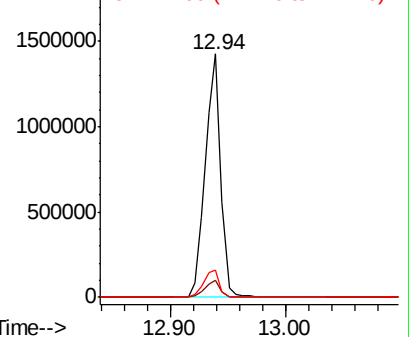
122 11.1 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112493.D

Acq: 11 Feb 2019 20:52

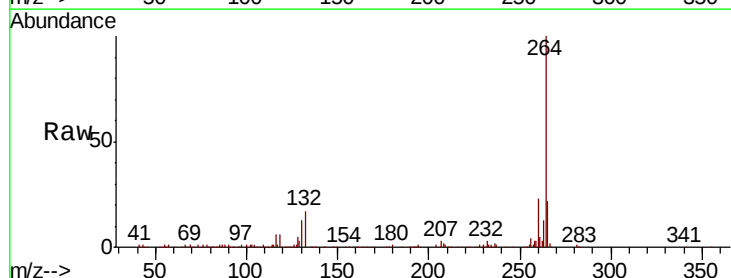
Tgt Ion:264 Resp: 285249

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

