

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112494.D
 Acq On : 11 Feb 2019 21:20
 Operator : JU/SJ
 Sample : K1453-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-8-D

Quant Time: Feb 12 01:30:22 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	140548	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	517295	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	235559	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	382230	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283601	20.00	ng	0.00
87) Perylene-d12	15.47	264	284168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	938597	141.85	ng	0.00
7) Phenol-d6	6.49	99	1050961	114.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	823904	91.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	343287	125.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1579668	94.85	ng	-0.02
79) Terphenyl-d14	12.94	244	1263201	83.89	ng	-0.01

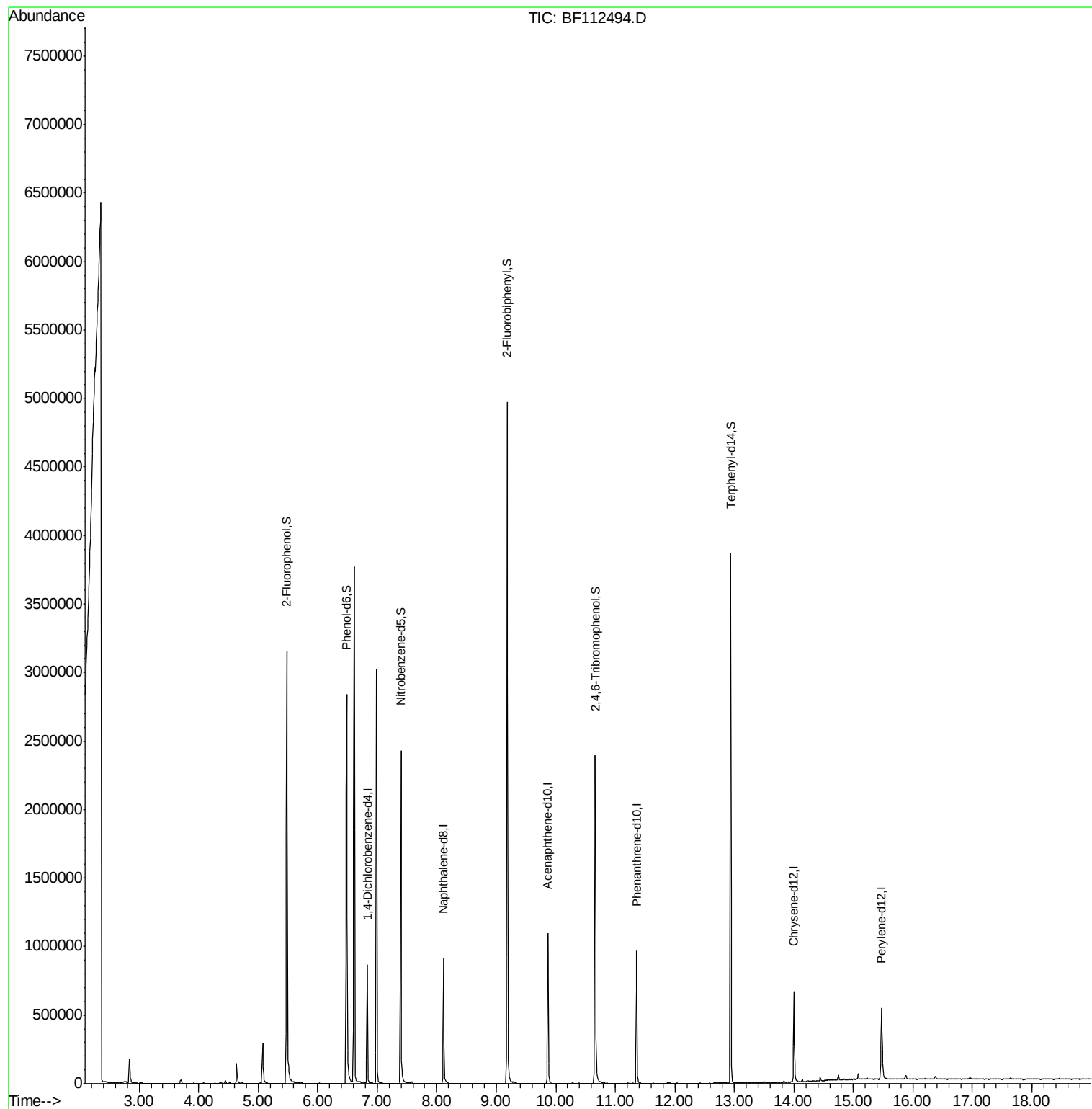
Target Compounds Qvalue

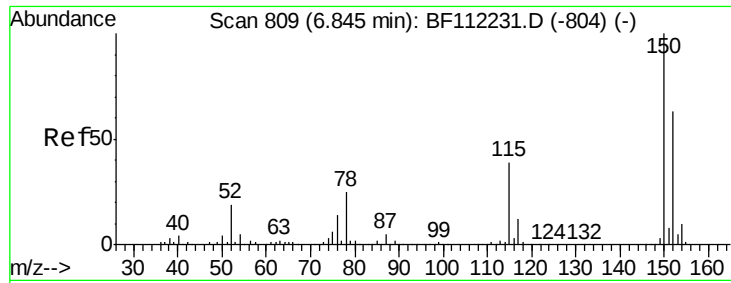
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF112494.D

Acq: 11 Feb 2019 21:20

Instrument :

BNA_F

ClientSampled :

M-8-D

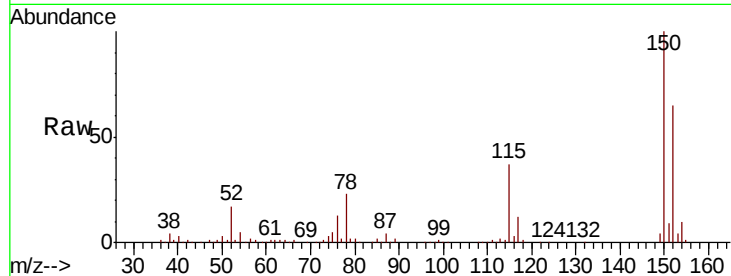
Tot Ion:152 Resp: 140548

Ion Ratio Lower Upper

152 100

150 154.0 127.4 191.0

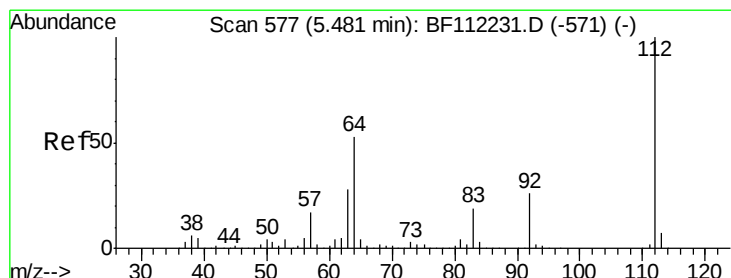
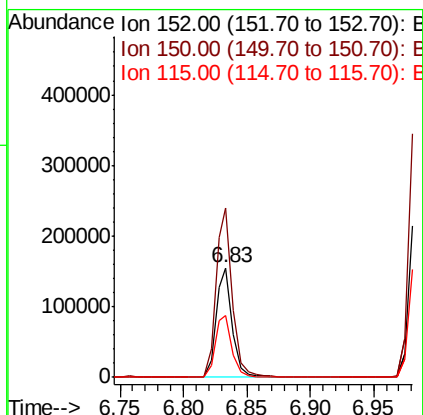
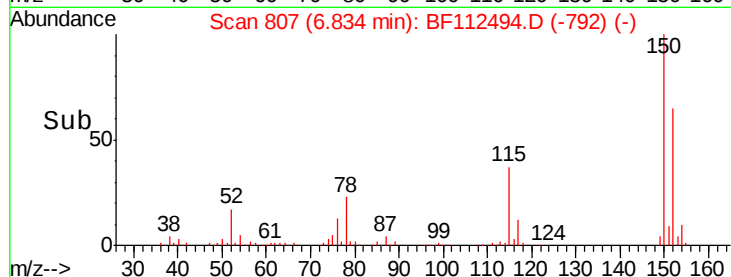
115 56.8 45.5 68.3



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: 141.848 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112494.D

Acq: 11 Feb 2019 21:20

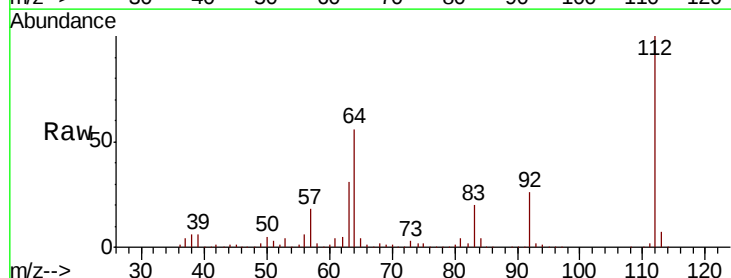
Tgt Ion:112 Resp: 938597

Ion Ratio Lower Upper

112 100

64 56.1 45.7 68.5

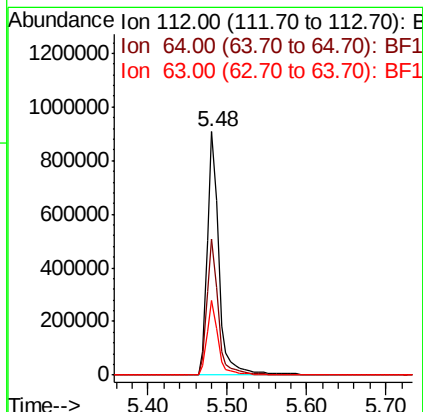
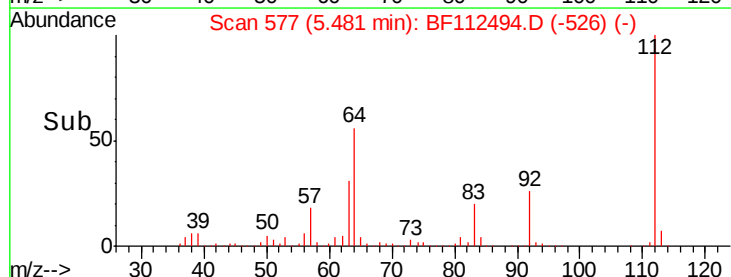
63 30.7 23.6 35.4



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: 114.302 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112494.D

Acq: 11 Feb 2019 21:20

Instrument :

BNA_F

ClientSampled :

M-8-D

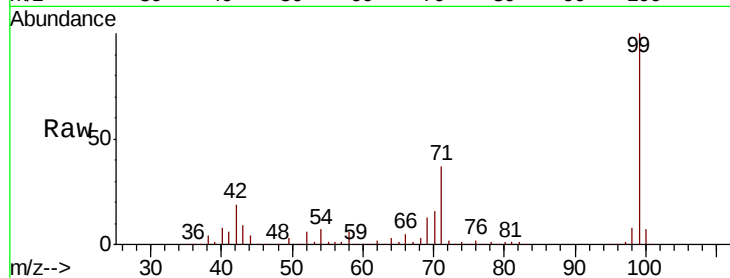
Tot Ion: 99 Resp: 1050961

Ion Ratio Lower Upper

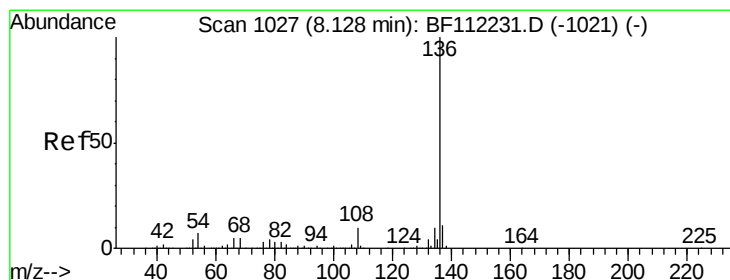
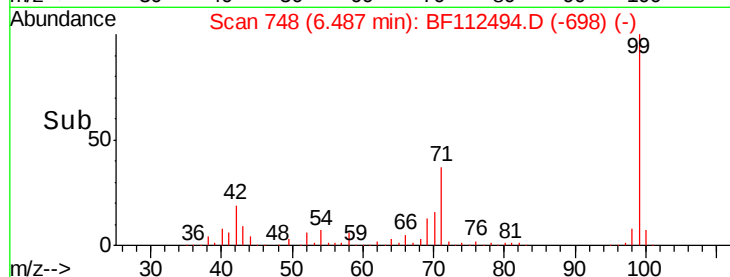
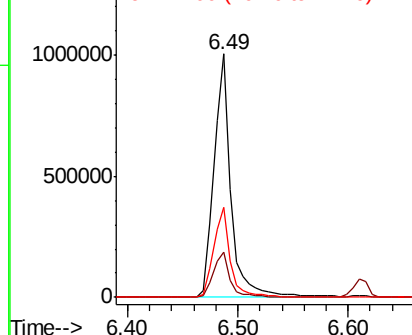
99 100

42 18.6 15.1 22.7

71 36.8 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: BF112494.D

Acq: 11 Feb 2019 21:20

Tgt Ion: 136 Resp: 517295

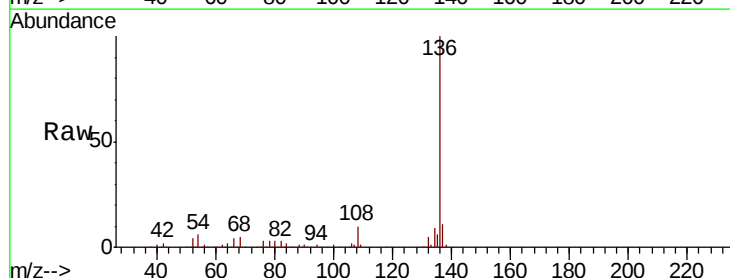
Ion Ratio Lower Upper

136 100

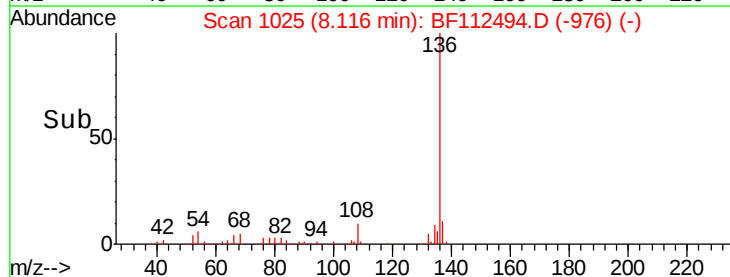
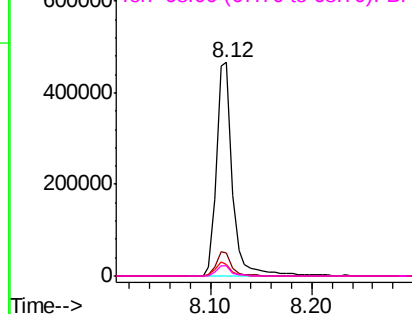
137 10.7 9.1 13.7

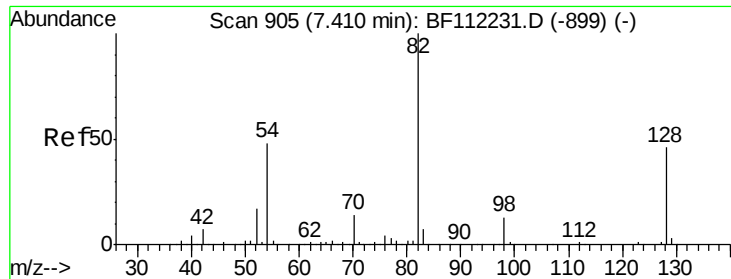
54 5.5 5.9 8.9#

68 4.7 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

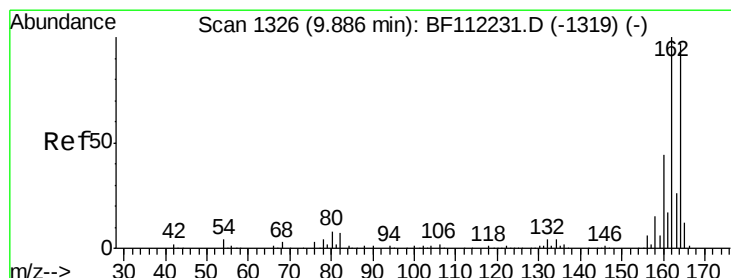
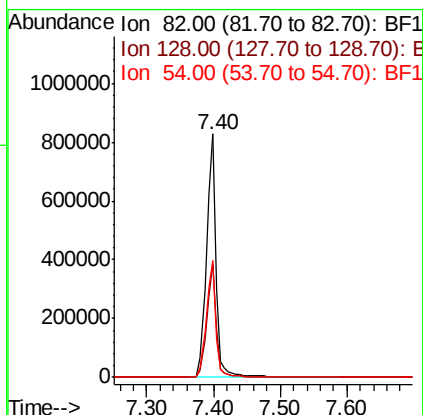
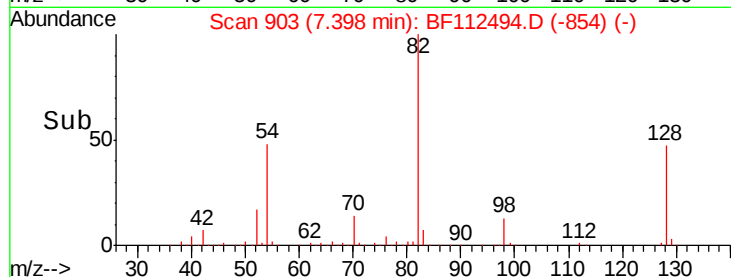
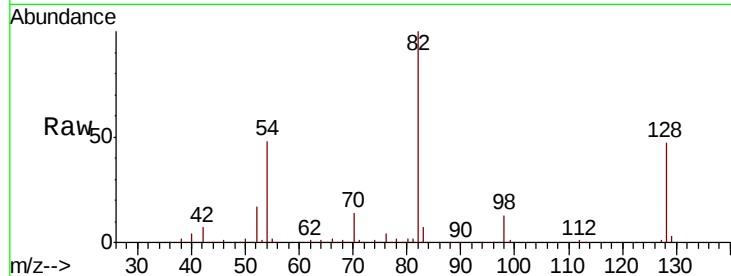




#23
 Nitrobenzene-d5
 Concen: 91.772 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112494.D
 Acq: 11 Feb 2019 21:20

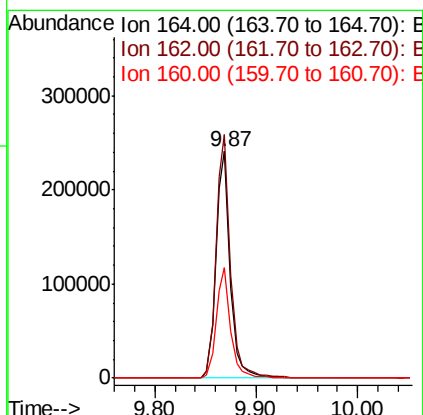
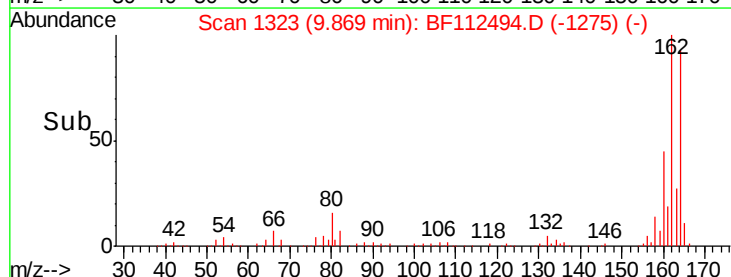
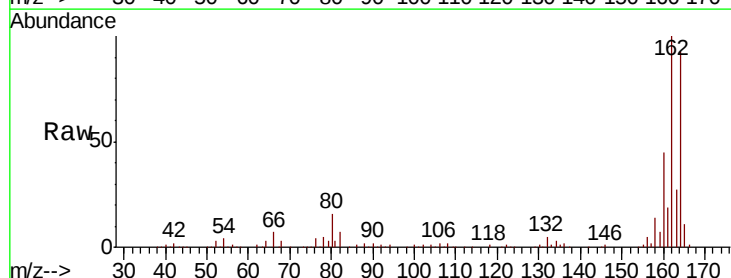
Instrument :
 BNA_F
 ClientSampleId :
 M-8-D

Tot Ion	82	Resp	823904
Ion Ratio	100	Lower	Upper
128	46.5	37.8	56.8
54	47.9	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: BF112494.D
 Acq: 11 Feb 2019 21:20

Tgt Ion	164	Resp	235559
Ion Ratio	100	Lower	Upper
162	107.4	82.2	123.4
160	48.7	36.2	54.4

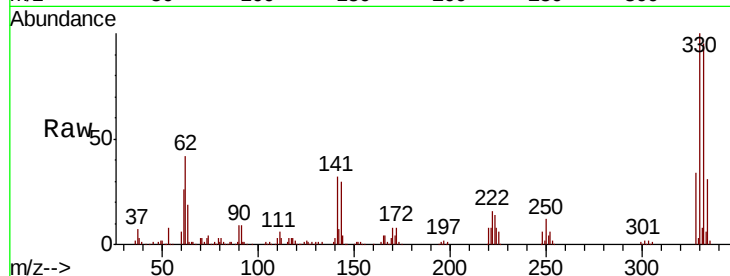




#42
 2,4,6-Tribromophenol
 Concen: 125.203 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112494.D
 Acq: 11 Feb 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 M-8-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	33.1	24.3	36.5

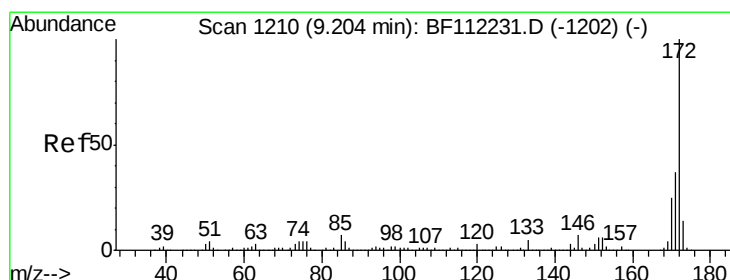
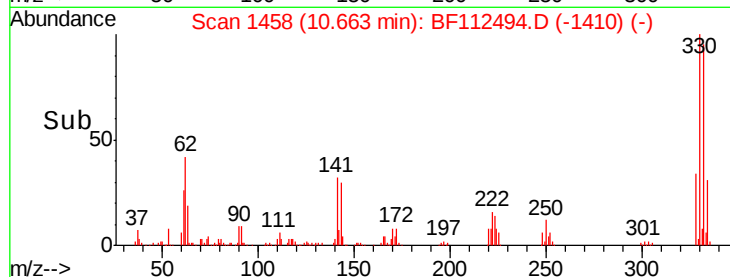
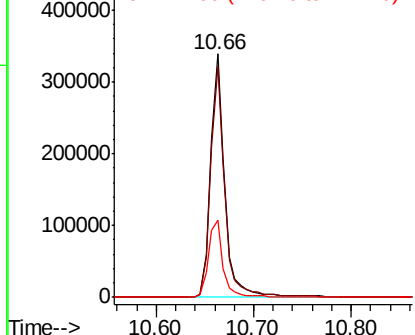


Abundance

Ion 329.80 (329.50 to 330.50): E

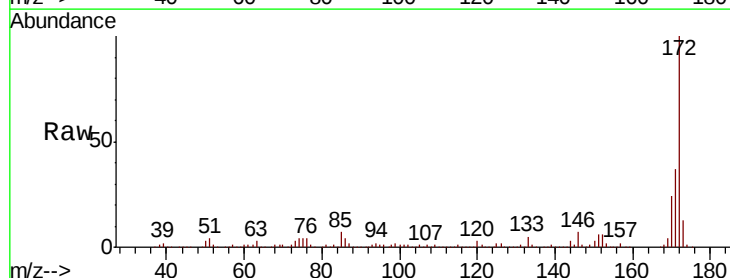
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.846 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112494.D
 Acq: 11 Feb 2019 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.3	20.2	30.4

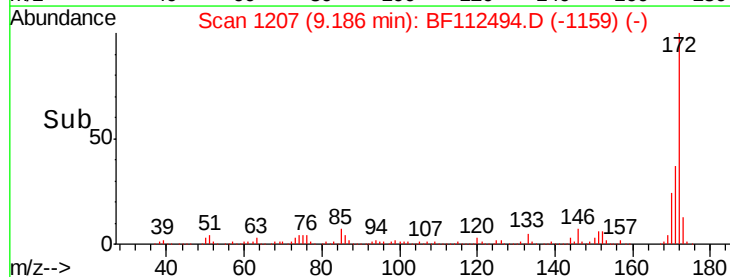
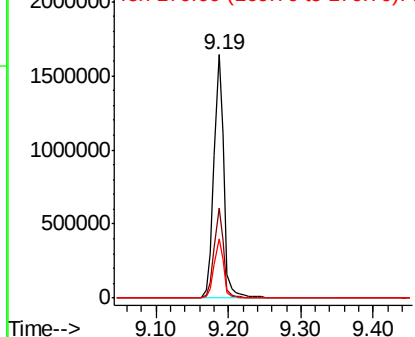


Abundance

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

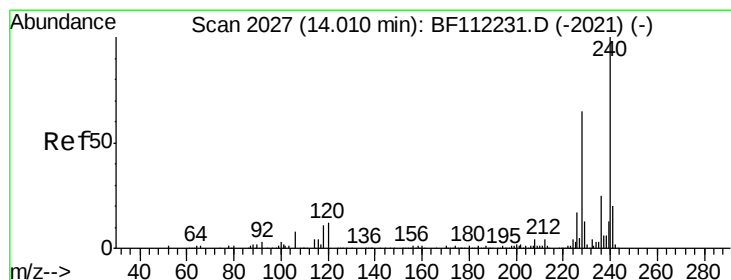
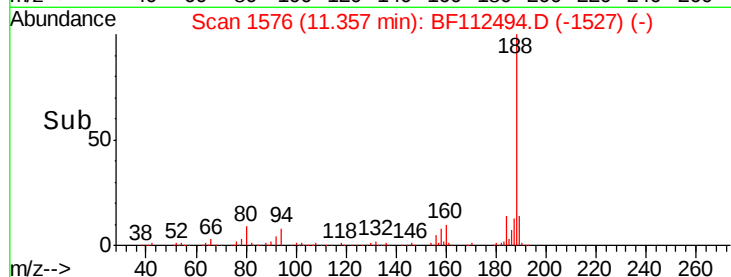
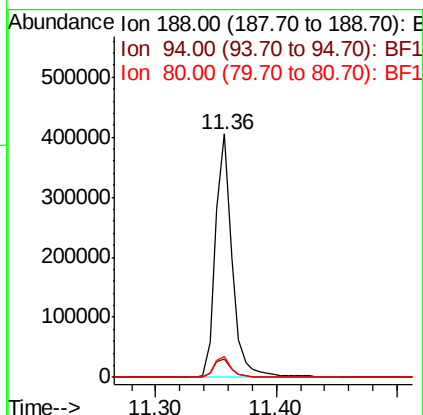
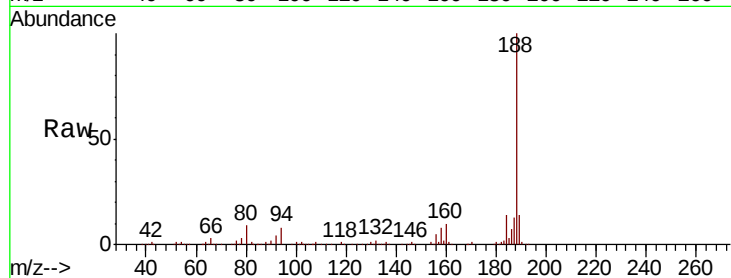




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112494.D
Acq: 11 Feb 2019 21:20

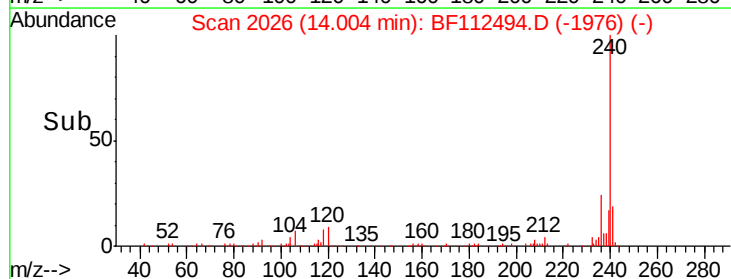
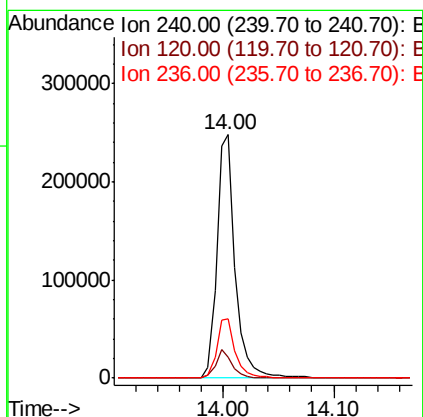
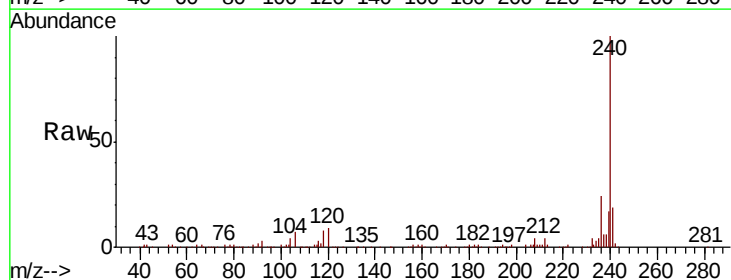
Instrument :
BNA_F
ClientSampled :
M-8-D

Tot Ion:188 Resp: 382230
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112494.D
Acq: 11 Feb 2019 21:20

Tgt Ion:240 Resp: 283601
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.6#
236 24.4 20.7 31.1





#79

Terphenyl-d14

Concen: 83.891 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112494.D

Acq: 11 Feb 2019 21:20

Instrument :

BNA_F

ClientSampleId :

M-8-D

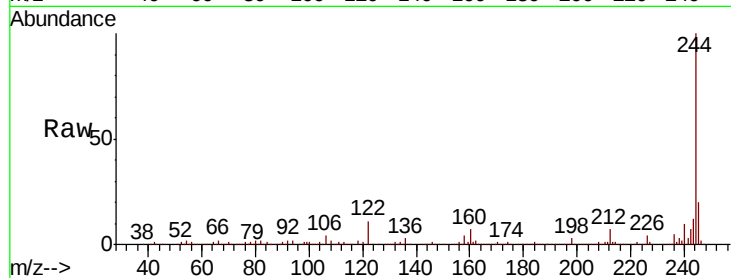
Tot Ion:244 Resp: 1263201

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

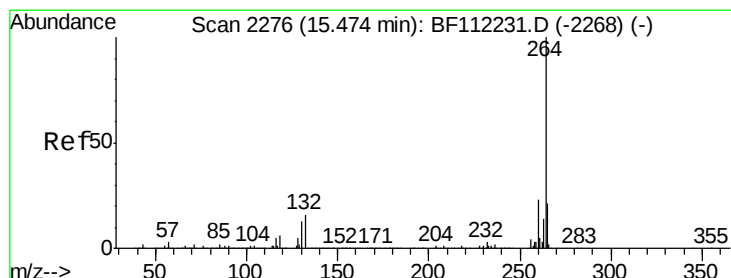
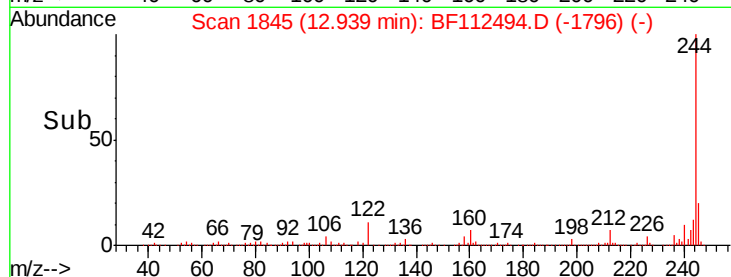
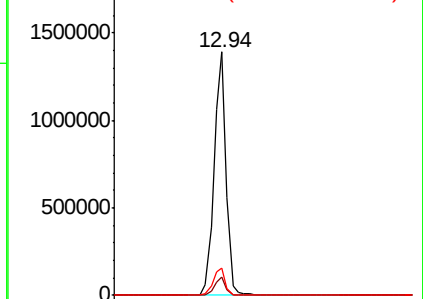
122 11.2 9.8 14.6



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: BF112494.D

Acq: 11 Feb 2019 21:20

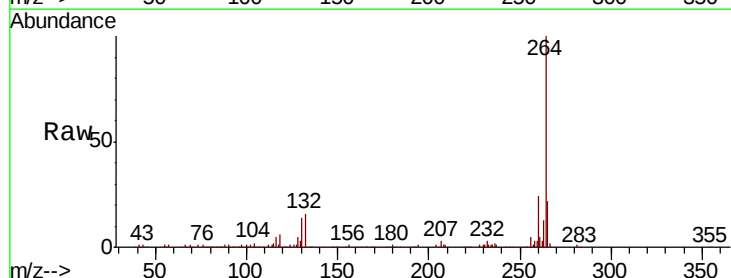
Tgt Ion:264 Resp: 284168

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.8 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

