

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112581.D
 Acq On : 15 Feb 2019 16:21
 Operator : JU/SJ
 Sample : PB117100BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BL

Quant Time: Feb 15 23:47:38 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	113870	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	465016	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244684	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	508530	20.00	ng	0.00
76) Chrysene-d12	14.02	240	400979	20.00	ng	0.00
87) Perylene-d12	15.50	264	309461	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	534917	99.78	ng	0.00
7) Phenol-d6	6.48	99	668168	89.70	ng	-0.01
23) Nitrobenzene-d5	7.40	82	434545	53.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	244060	85.69	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	980114	56.65	ng	-0.01
79) Terphenyl-d14	12.95	244	1169258	54.92	ng	0.00

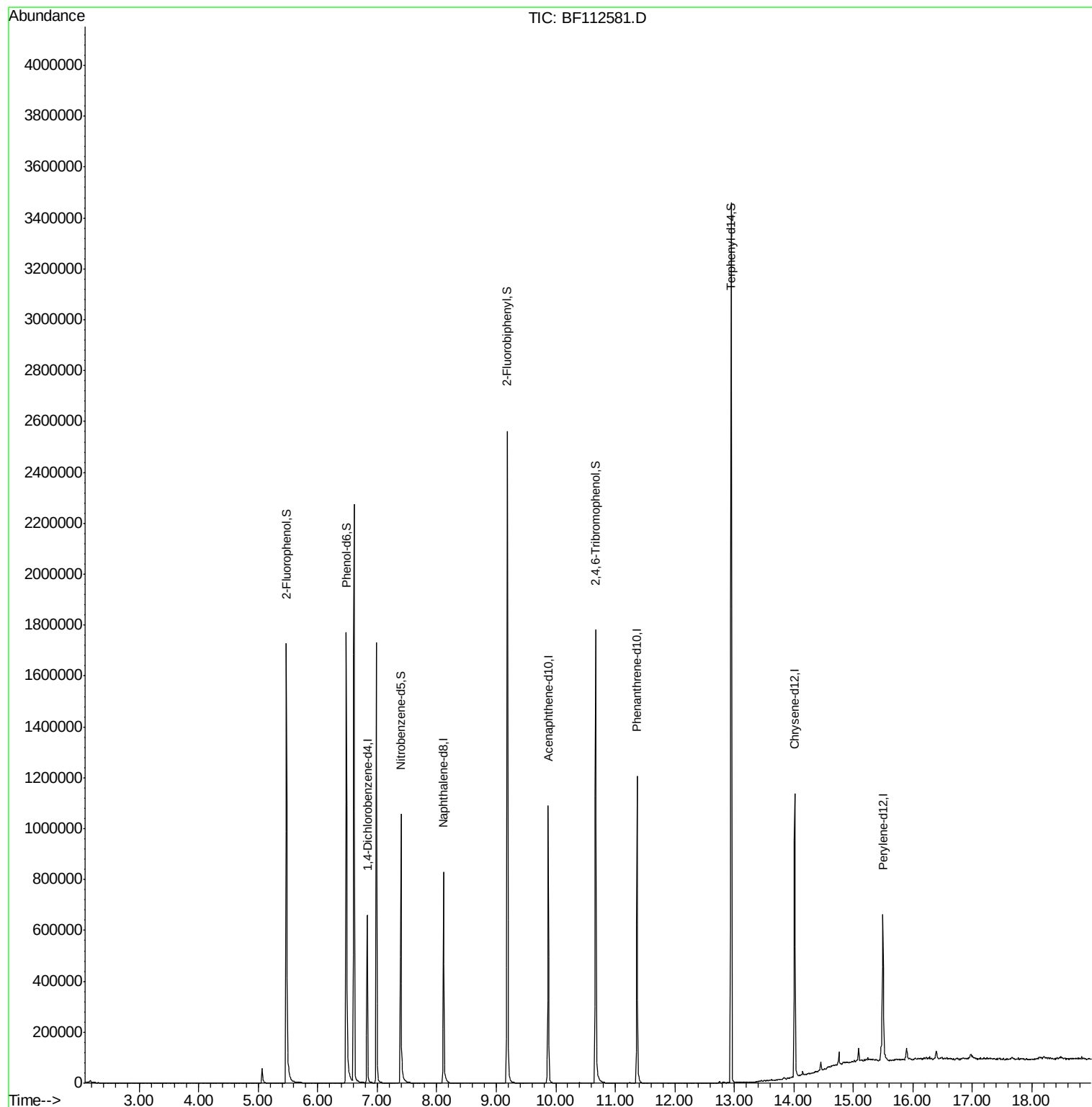
Target Compounds Qvalue

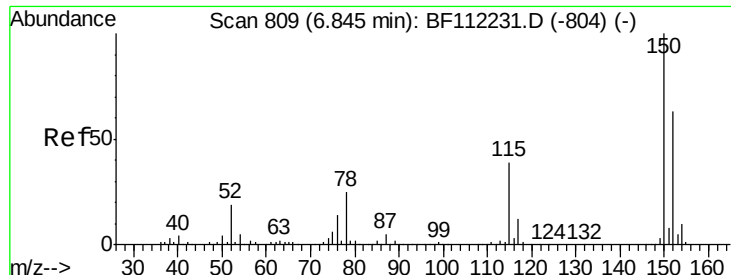
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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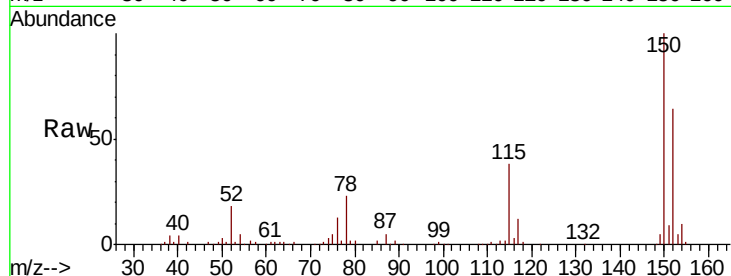


#1

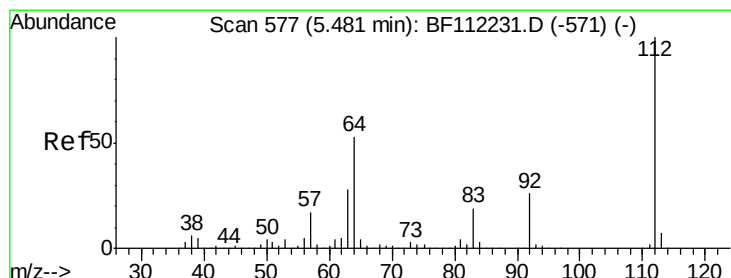
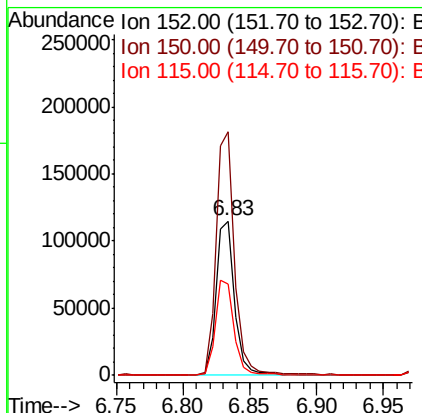
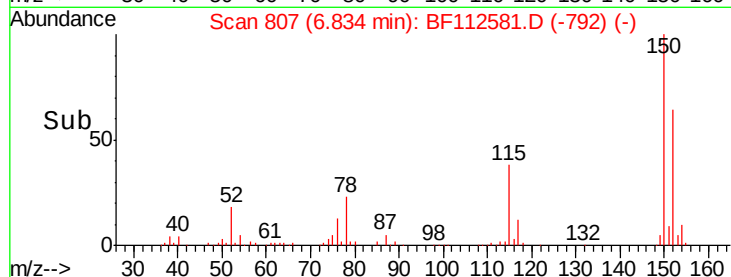
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112581.D
 Acq: 15 Feb 2019 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BL

Tot Ion:152 Resp: 113870
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.4 191.0
 115 59.3 45.5 68.3



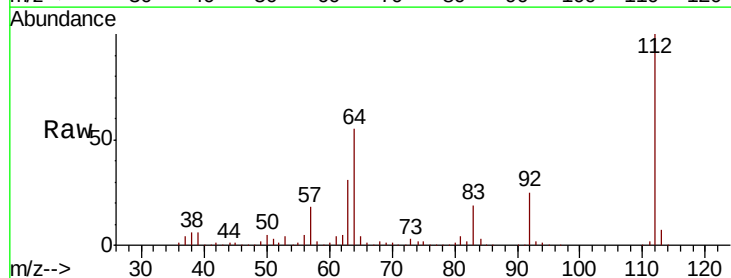
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



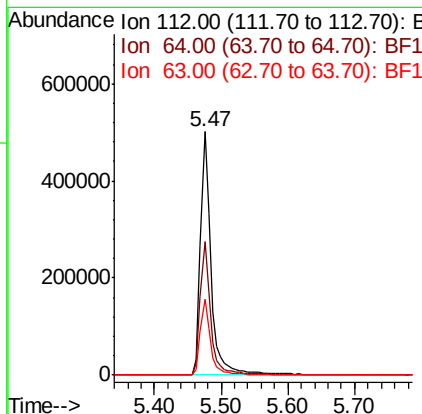
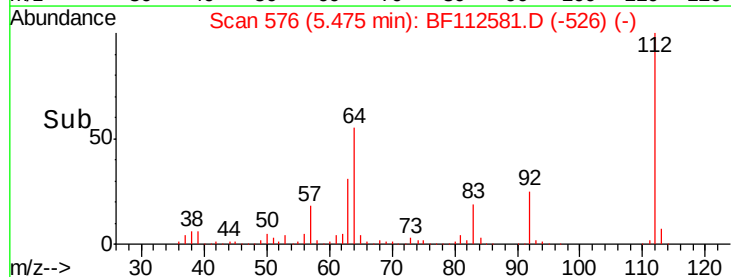
#5

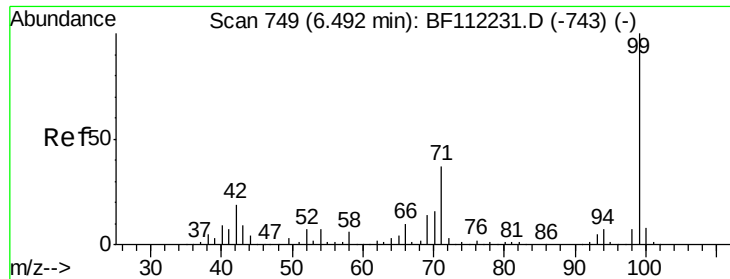
2-Fluorophenol
 Concen: 99.780 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112581.D
 Acq: 15 Feb 2019 16:21

Tgt Ion:112 Resp: 534917
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.7 68.5
 63 31.0 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: 89.695 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

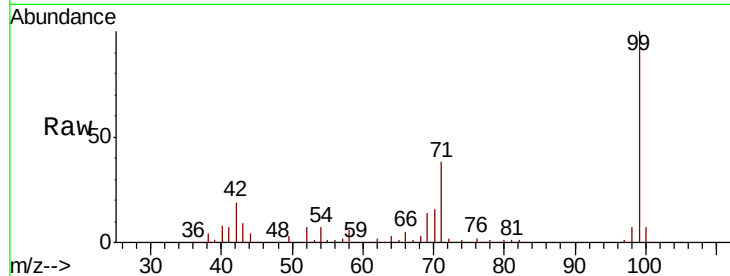
Tot Ion: 99 Resp: 668168

Ion Ratio Lower Upper

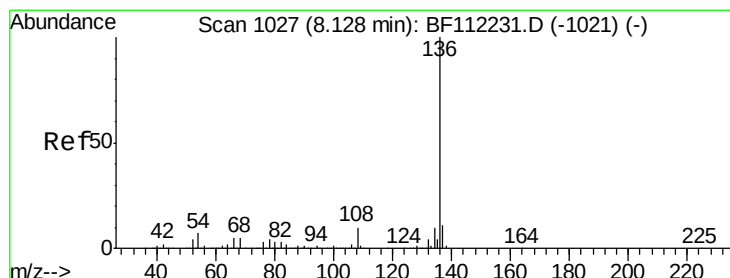
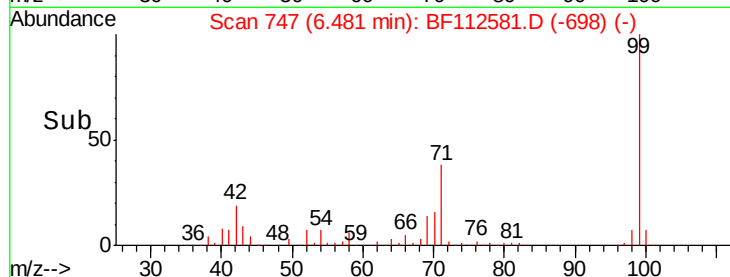
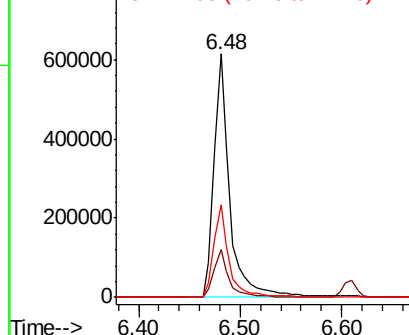
99 100

42 19.4 15.1 22.7

71 38.3 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: BF112581.D

Acq: 15 Feb 2019 16:21

Tgt Ion: 136 Resp: 465016

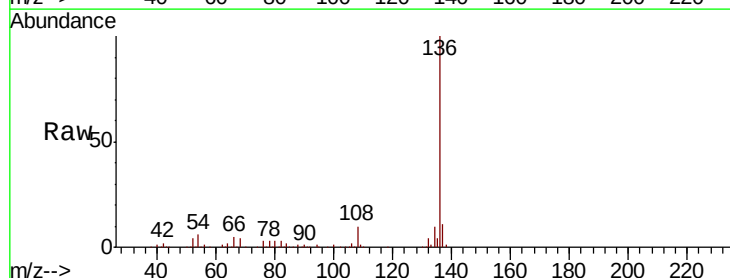
Ion Ratio Lower Upper

136 100

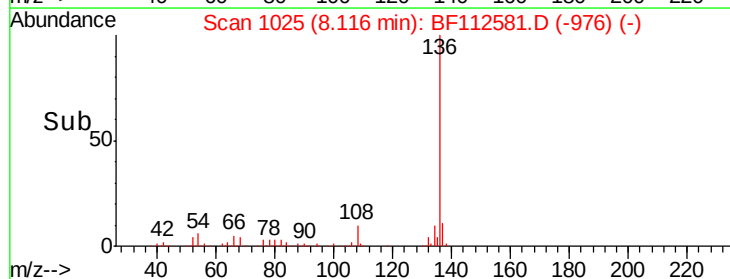
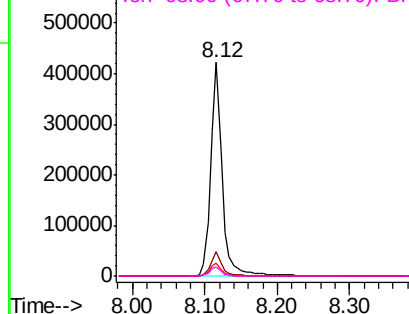
137 11.4 9.1 13.7

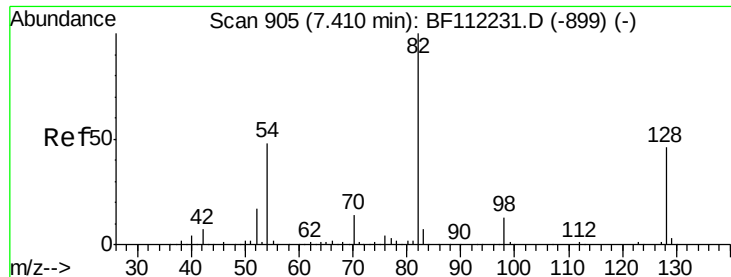
54 5.9 5.9 8.9#

68 4.5 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

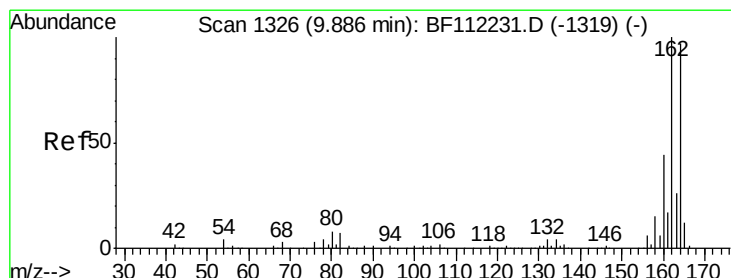
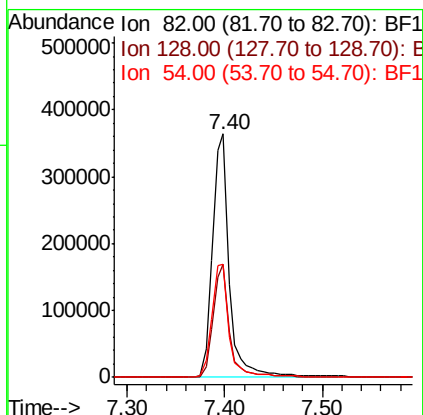
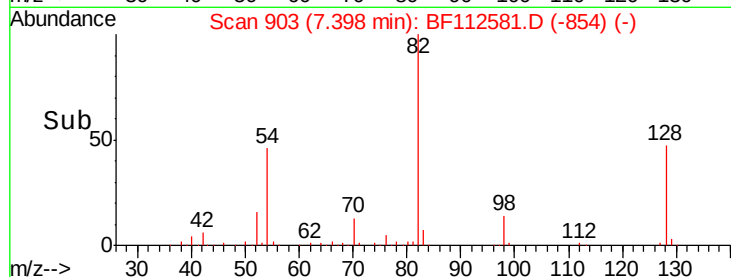
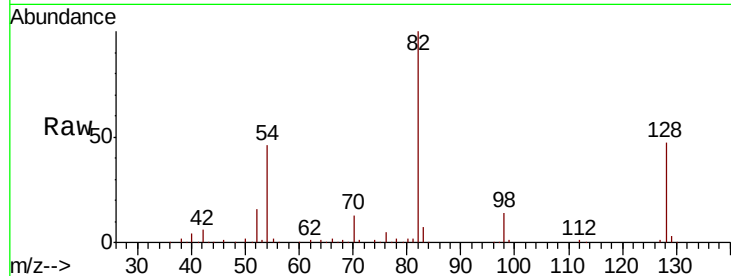




#23
 Nitrobenzene-d5
 Concen: 53.844 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112581.D
 Acq: 15 Feb 2019 16:21

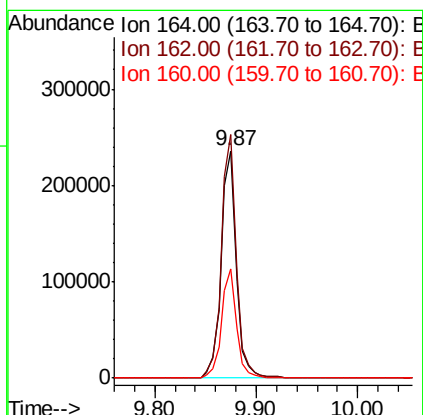
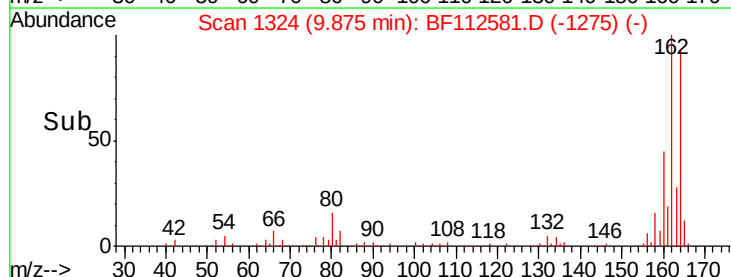
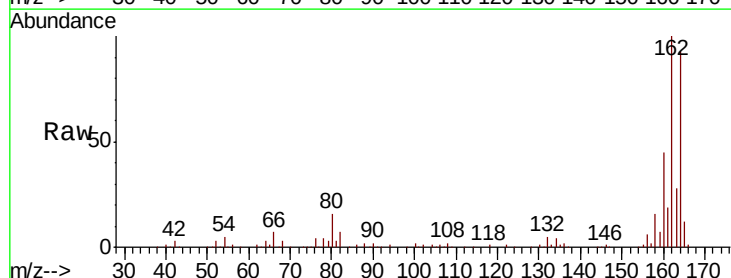
Instrument :
 BNA_F
 ClientSampleID :
 PB117100BL

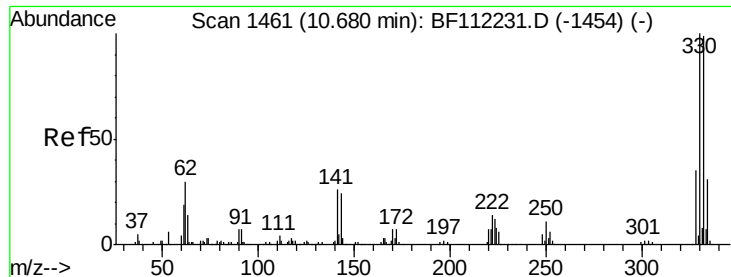
Tot Ion: 82 Resp: 434545
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 46.4 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112581.D
 Acq: 15 Feb 2019 16:21

Tgt Ion:164 Resp: 244684
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.2 123.4
 160 48.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 85.694 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

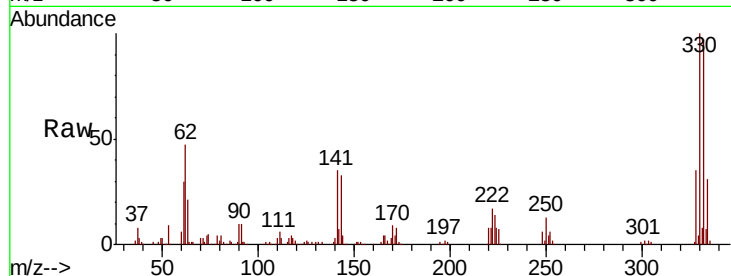
Tot Ion:330 Resp: 244060

Ion Ratio Lower Upper

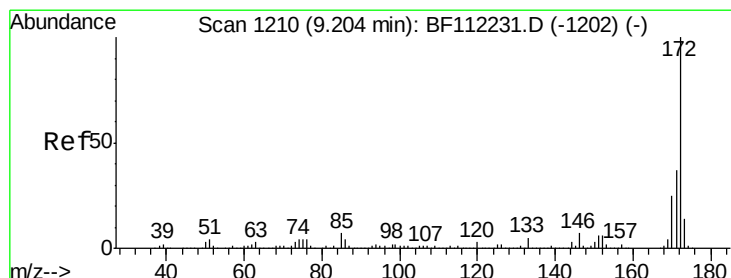
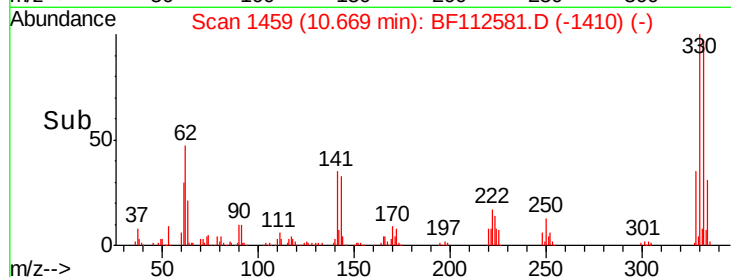
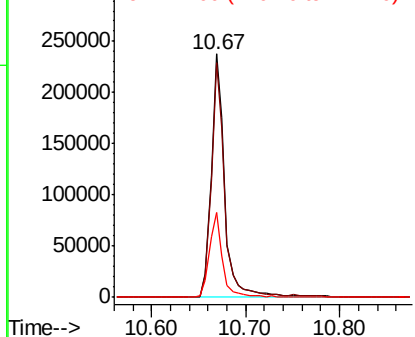
330 100

332 96.5 76.6 114.8

141 34.5 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: 56.653 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

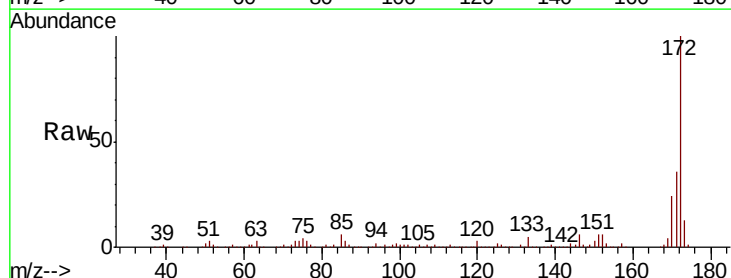
Tgt Ion:172 Resp: 980114

Ion Ratio Lower Upper

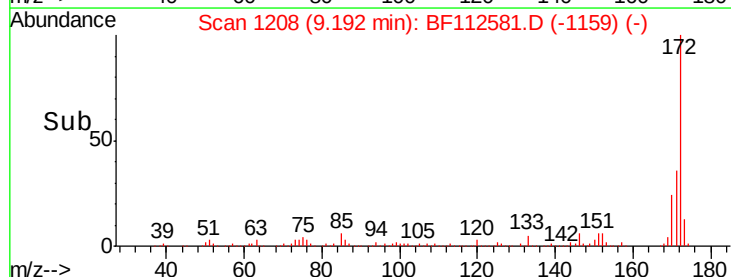
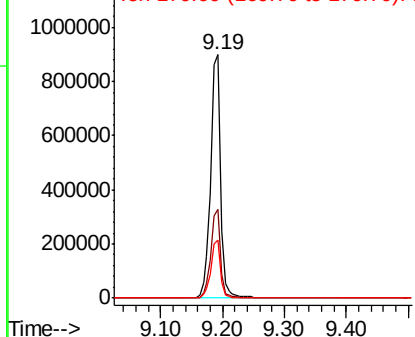
172 100

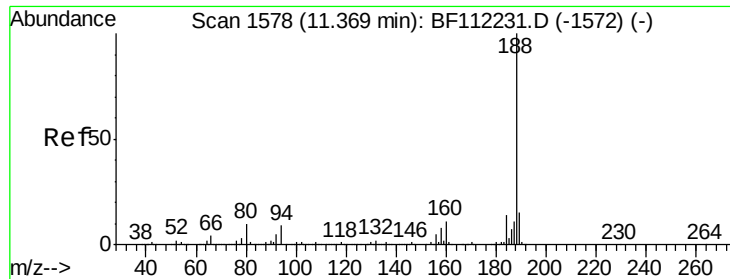
171 36.3 30.5 45.7

170 23.8 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

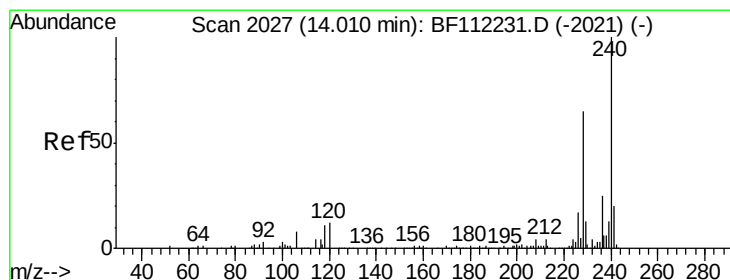
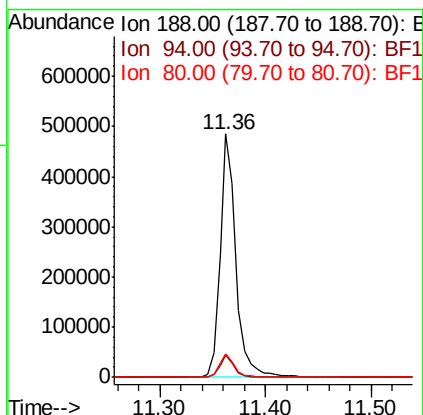
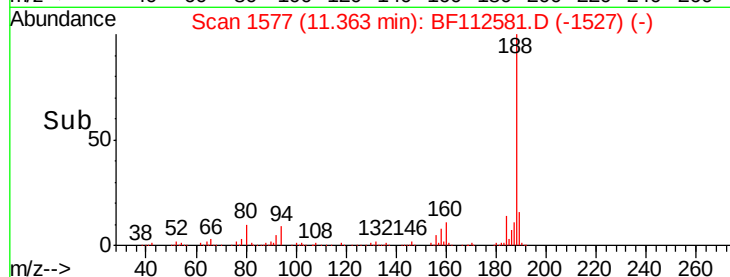
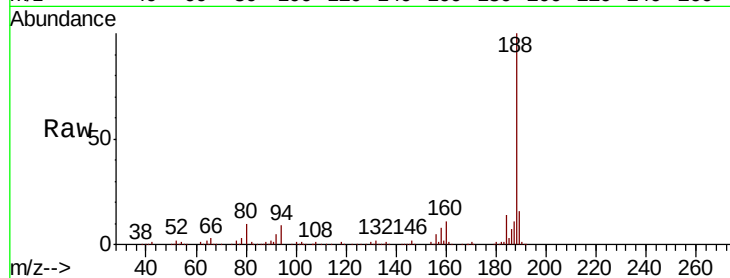




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

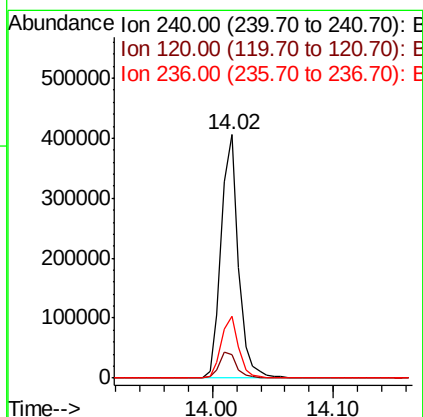
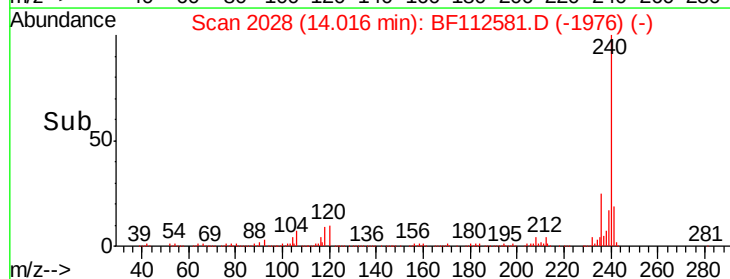
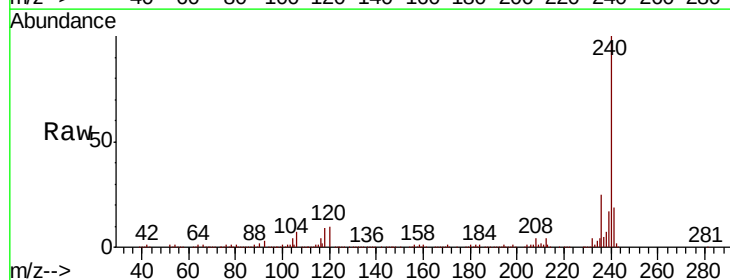
Instrument :
BNA_F
ClientSampleId :
PB117100BL

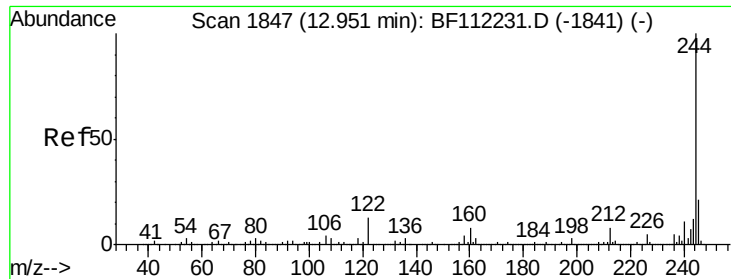
Tot Ion:188 Resp: 508530
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112581.D
Acq: 15 Feb 2019 16:21

Tgt Ion:240 Resp: 400979
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 54.921 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

Instrument :

BNA_F

ClientSampleId :

PB117100BL

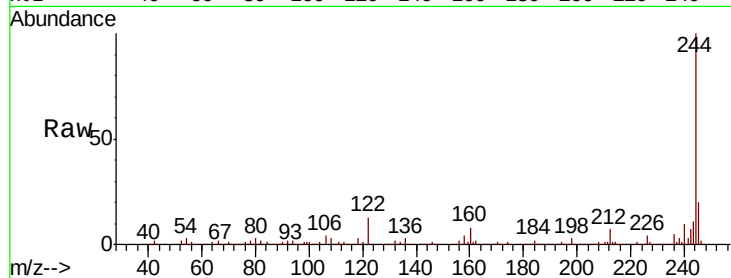
Tot Ion:244 Resp: 1169258

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

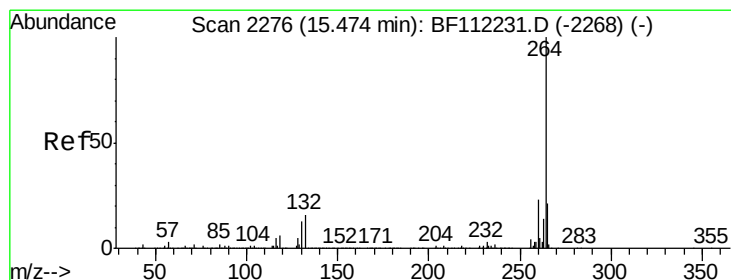
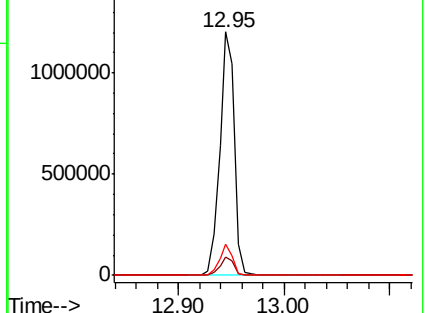
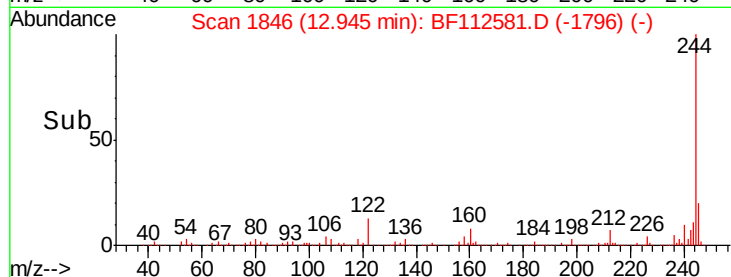
122 12.6 9.8 14.6



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: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112581.D

Acq: 15 Feb 2019 16:21

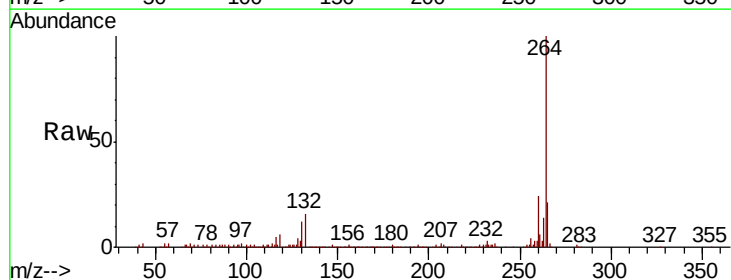
Tgt Ion:264 Resp: 309461

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 21.2 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

