

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112580.D
 Acq On : 15 Feb 2019 15:54
 Operator : JU/SJ
 Sample : PB117127BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BL

Quant Time: Feb 15 23:46:38 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	113571	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	471013	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	245542	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	518208	20.00	ng	0.00
76) Chrysene-d12	14.02	240	406479	20.00	ng	0.00
87) Perylene-d12	15.50	264	310298	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	531527	99.41	ng	0.00
7) Phenol-d6	6.48	99	669515	90.11	ng	-0.01
23) Nitrobenzene-d5	7.40	82	435069	53.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	245236	85.81	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	981583	56.54	ng	-0.01
79) Terphenyl-d14	12.95	244	1175660	54.47	ng	0.00

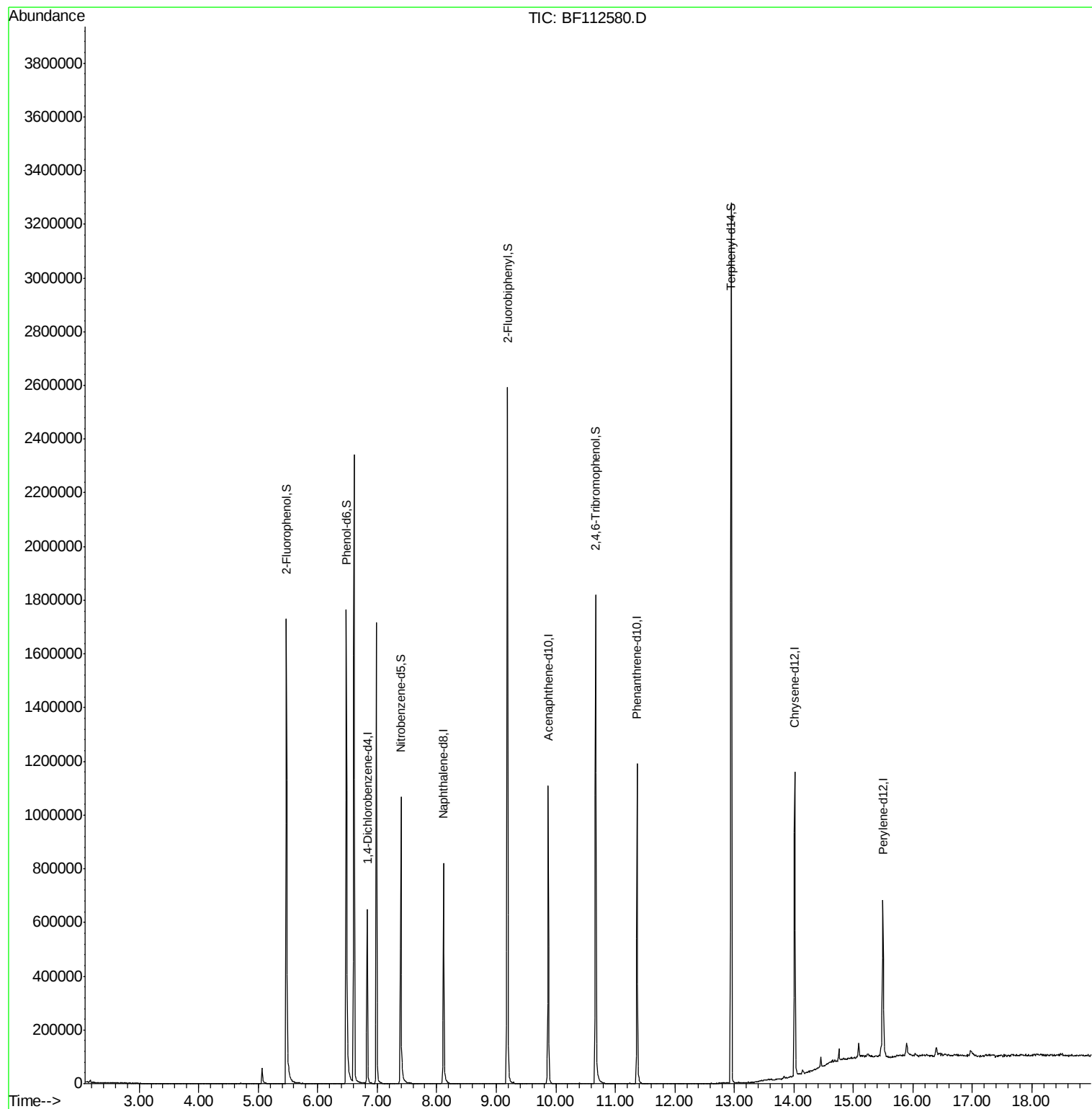
Target Compounds Qvalue

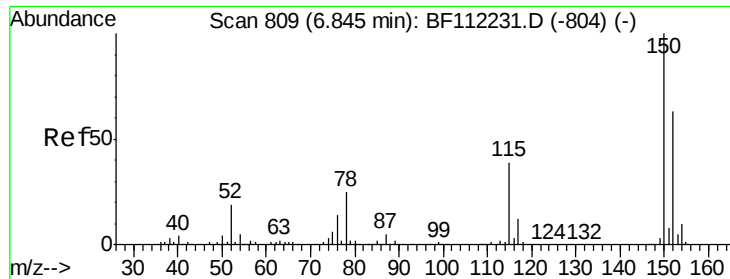
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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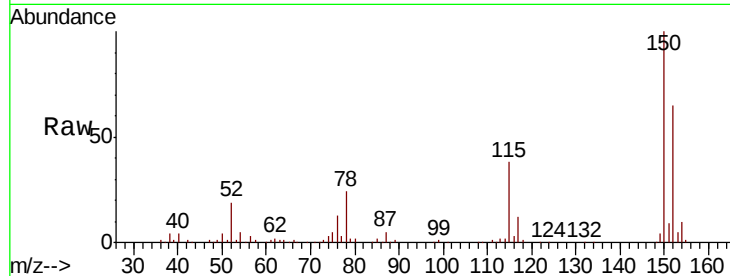


#1

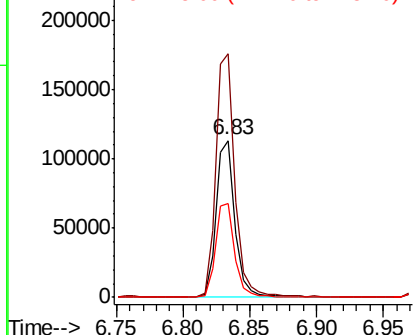
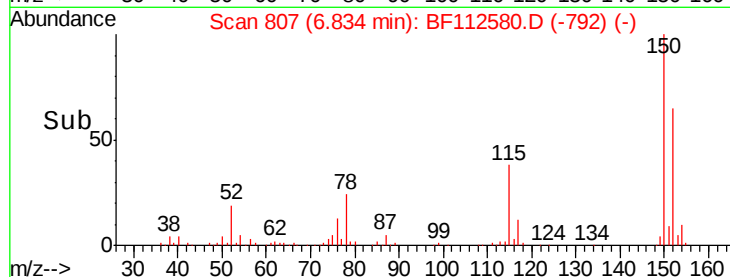
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB117127BL

Tot Ion:152 Resp: 113571
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 59.4 45.5 68.3



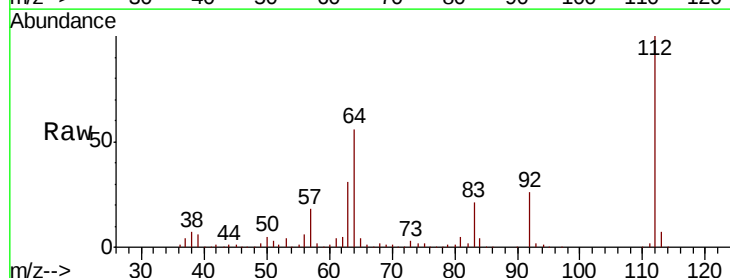
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



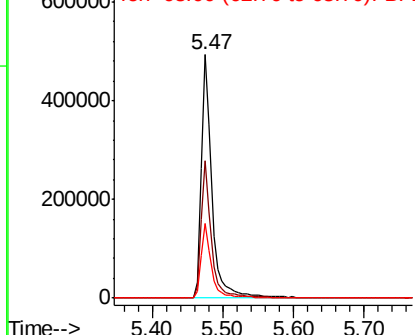
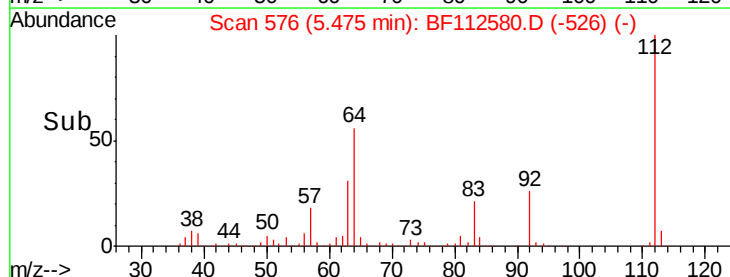
#5

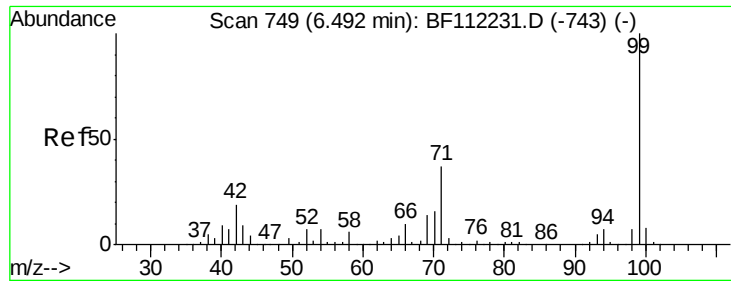
2-Fluorophenol
Concen: 99.409 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112580.D
Acq: 15 Feb 2019 15:54

Tgt Ion:112 Resp: 531527
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
63 30.8 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: 90.113 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

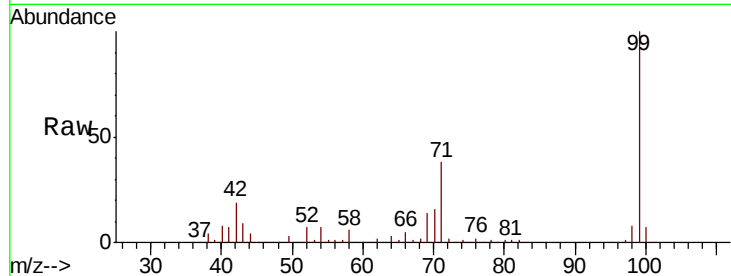
Tot Ion: 99 Resp: 669515

Ion Ratio Lower Upper

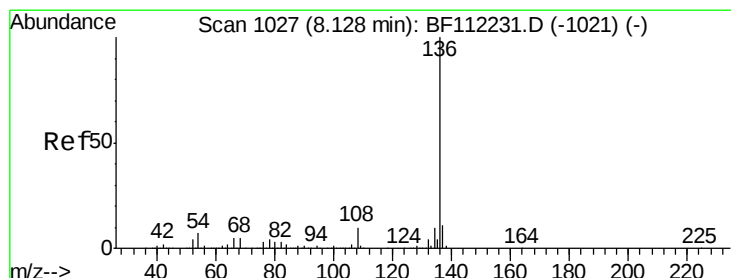
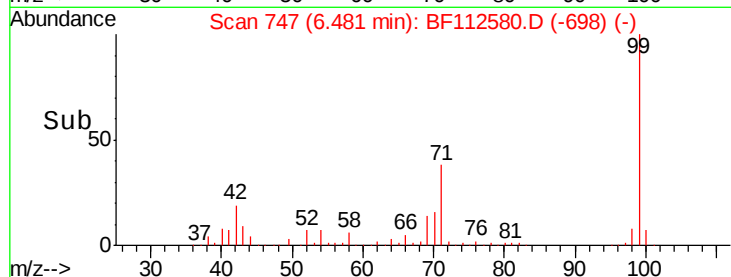
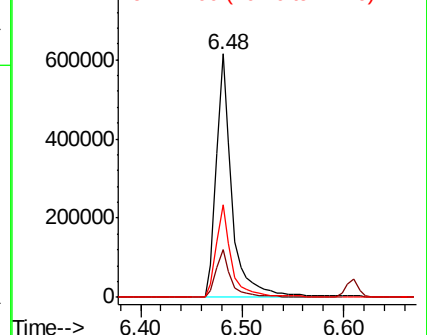
99 100

42 19.5 15.1 22.7

71 38.0 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: BF112580.D

Acq: 15 Feb 2019 15:54

Tgt Ion: 136 Resp: 471013

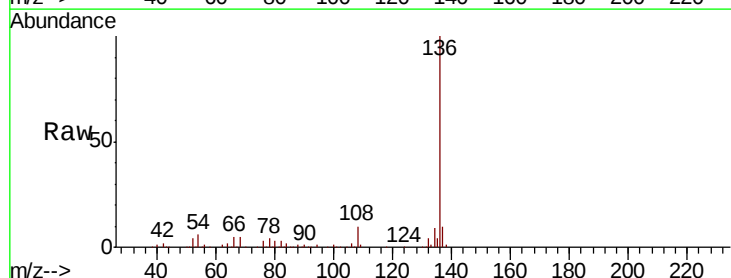
Ion Ratio Lower Upper

136 100

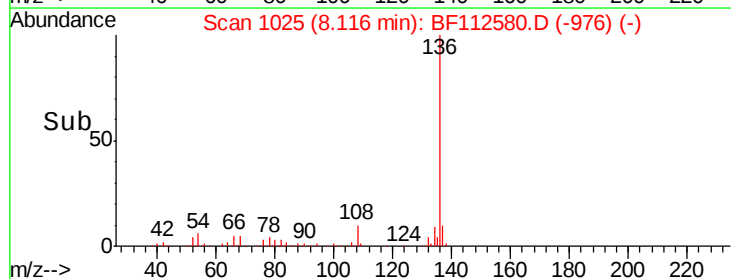
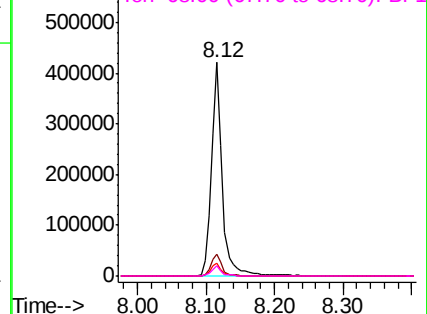
137 10.3 9.1 13.7

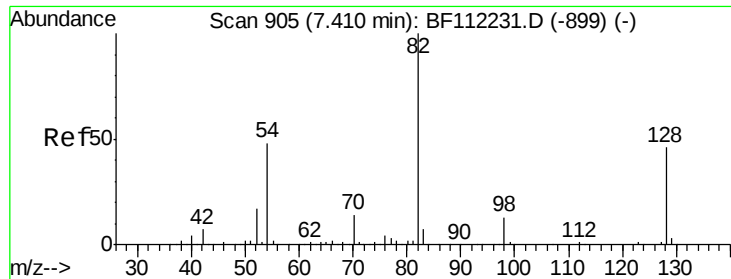
54 6.1 5.9 8.9

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

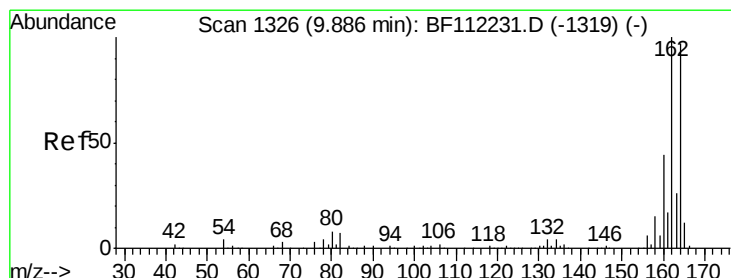
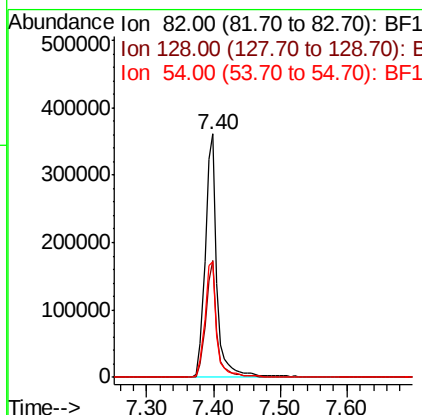
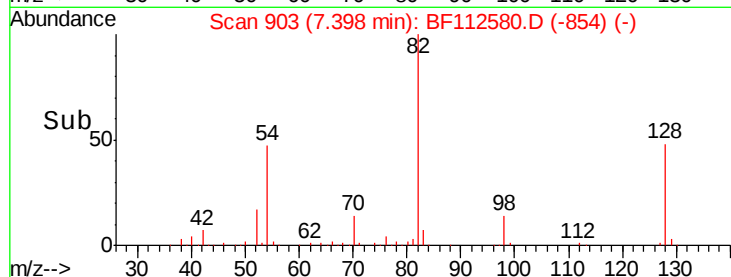
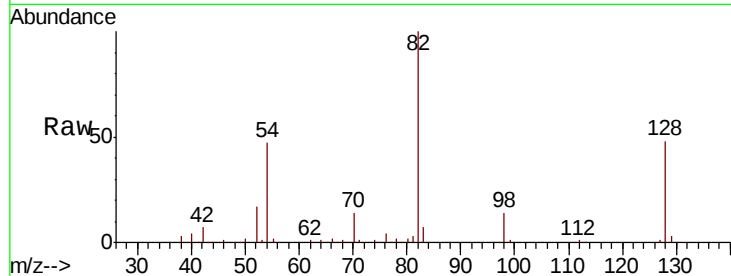




#23
 Nitrobenzene-d5
 Concen: 53.223 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

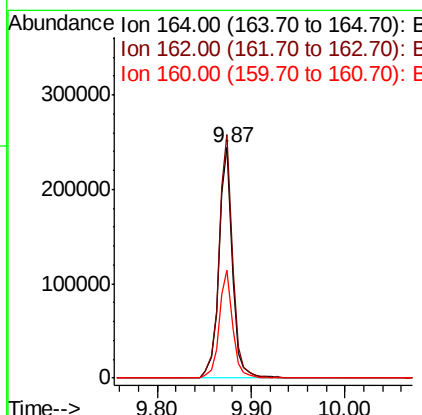
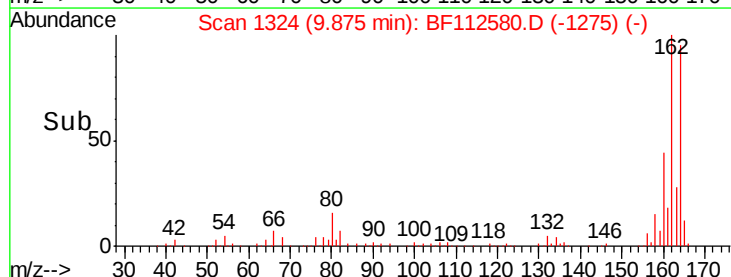
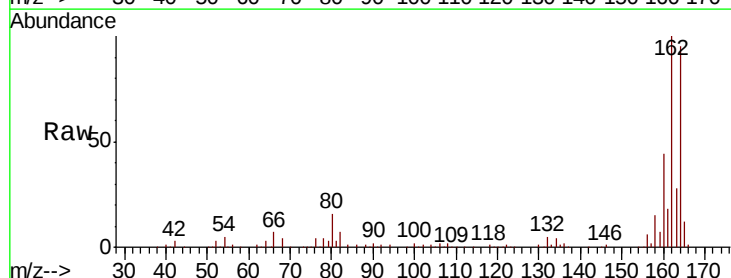
Instrument :
 BNA_F
 ClientSampleId :
 PB117127BL

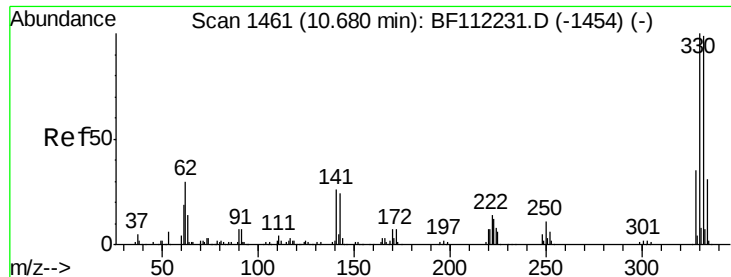
Tot Ion	82	Resp	435069
Ion Ratio	Lower	Upper	
82	100		
128	48.2	37.8	56.8
54	47.4	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

Tgt Ion	164	Resp	245542
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.2	123.4
160	46.7	36.2	54.4

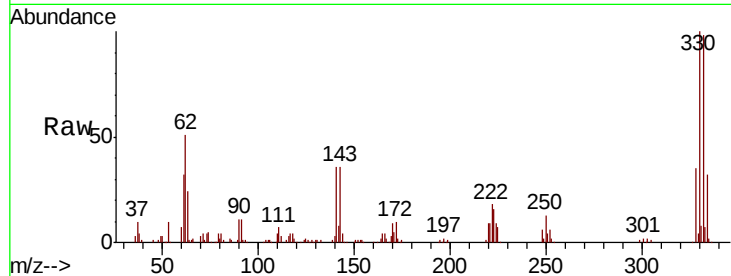




#42
 2,4,6-Tribromophenol
 Concen: 85.806 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB117127BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	33.7	24.3	36.5

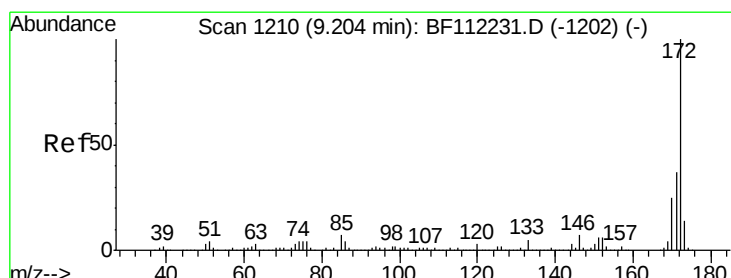
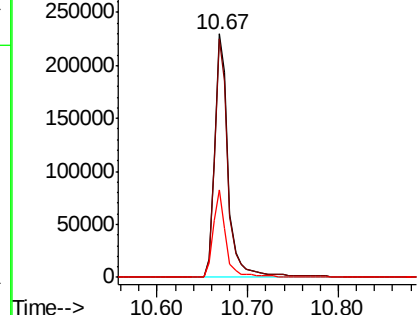
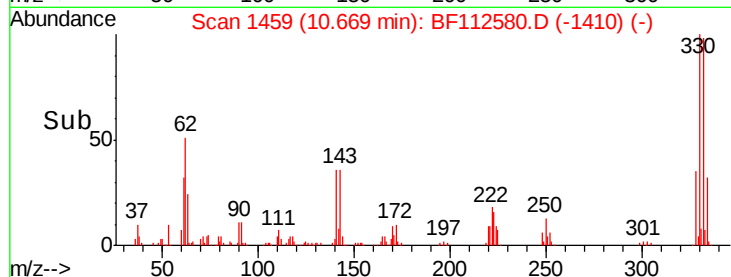


Abundance

Ion 329.80 (329.50 to 330.50): E

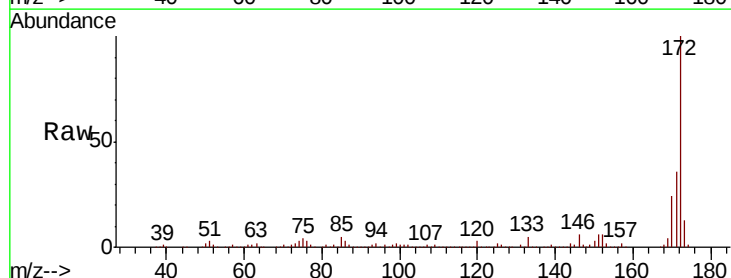
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 56.540 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112580.D
 Acq: 15 Feb 2019 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	23.8	20.2	30.4

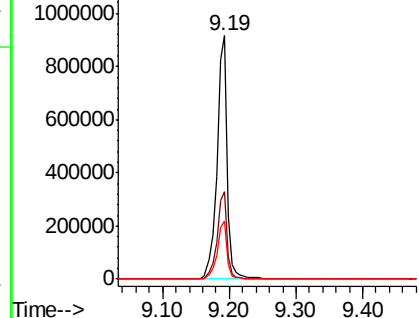
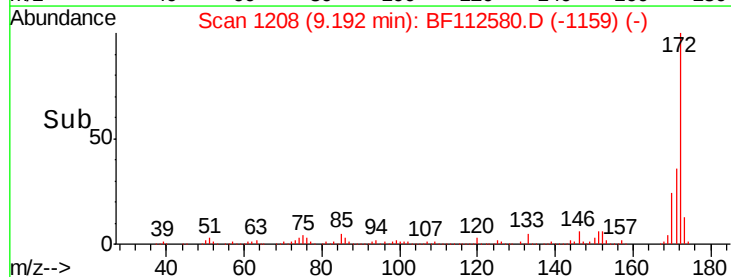


Abundance

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: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB117127BL

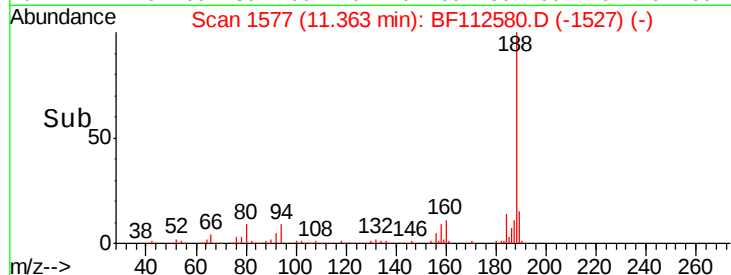
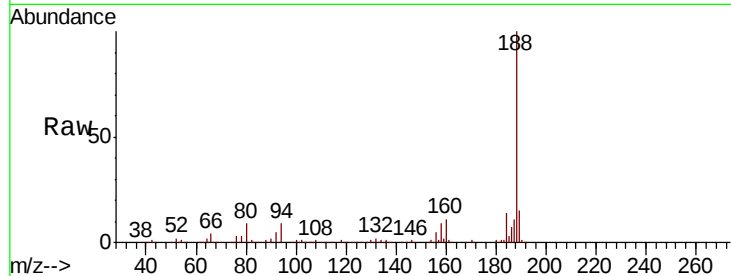
Tot Ion:188 Resp: 518208

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

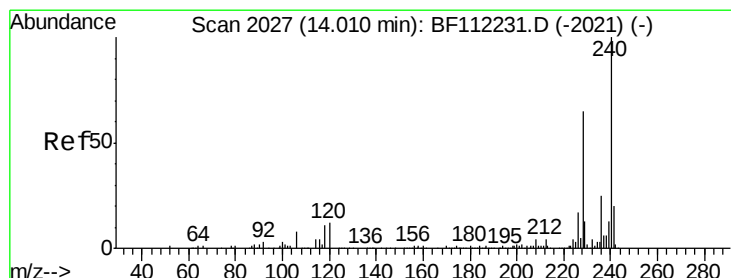
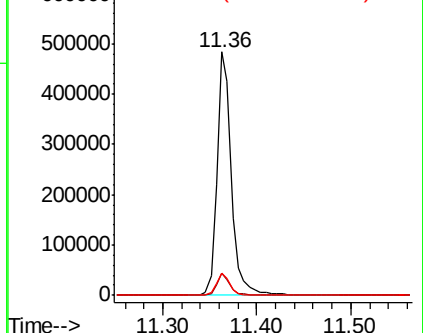
80 9.3 8.9 13.3



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: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

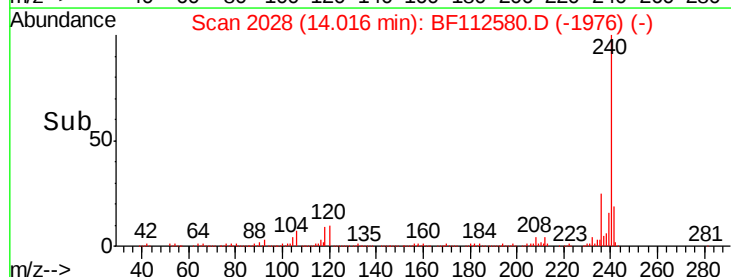
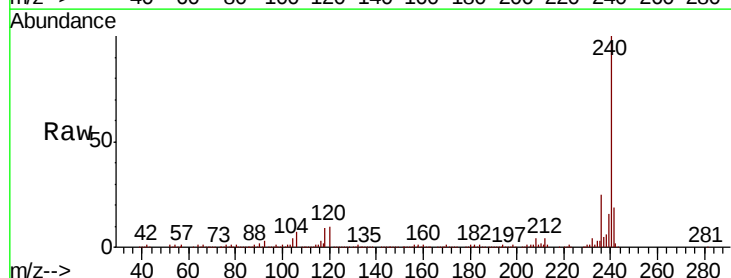
Tgt Ion:240 Resp: 406479

Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.6

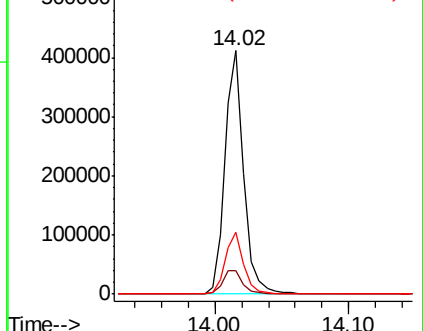
236 25.5 20.7 31.1



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: 54.475 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Instrument :

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ClientSampleId :

PB117127BL

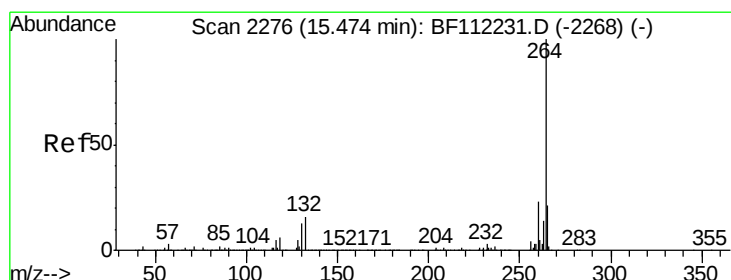
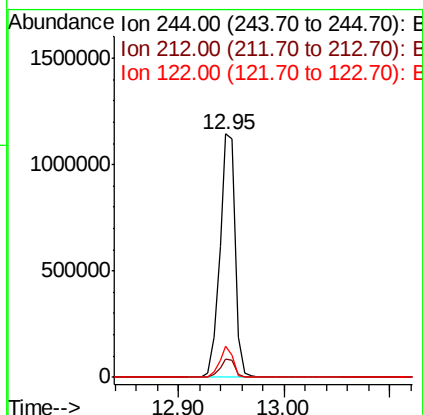
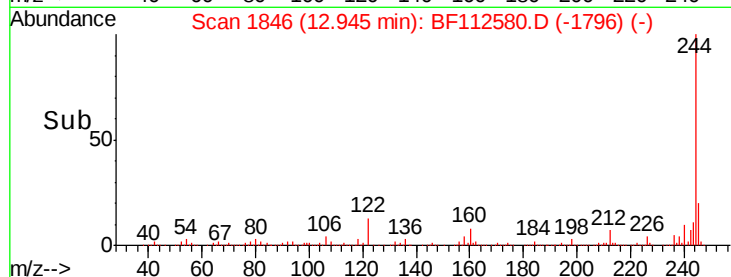
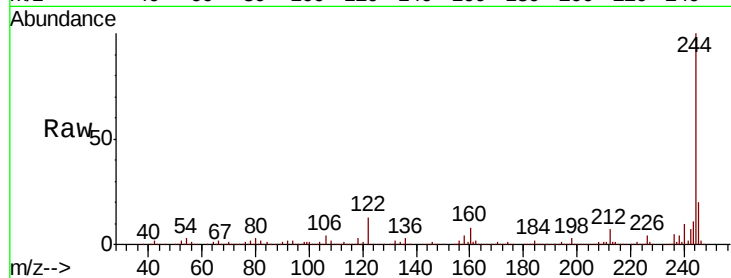
Tot Ion:244 Resp: 1175660

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 12.5 9.8 14.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112580.D

Acq: 15 Feb 2019 15:54

Tgt Ion:264 Resp: 310298

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 20.7 17.0 25.4

