

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111247.D
 Acq On : 10 Dec 2018 17:34
 Operator : JU/SJ
 Sample : PB115276BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BL

Quant Time: Dec 11 04:56:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	514243	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2004126	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	982146	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1757951	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1418711	20.00	ng	0.00
87) Perylene-d12	15.41	264	1124417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3153975	96.85	ng	0.01
7) Phenol-d6	6.43	99	3991920	98.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	2498943	69.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	842653	96.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4099210	68.29	ng	0.00
79) Terphenyl-d14	12.91	244	3495646	59.10	ng	0.00

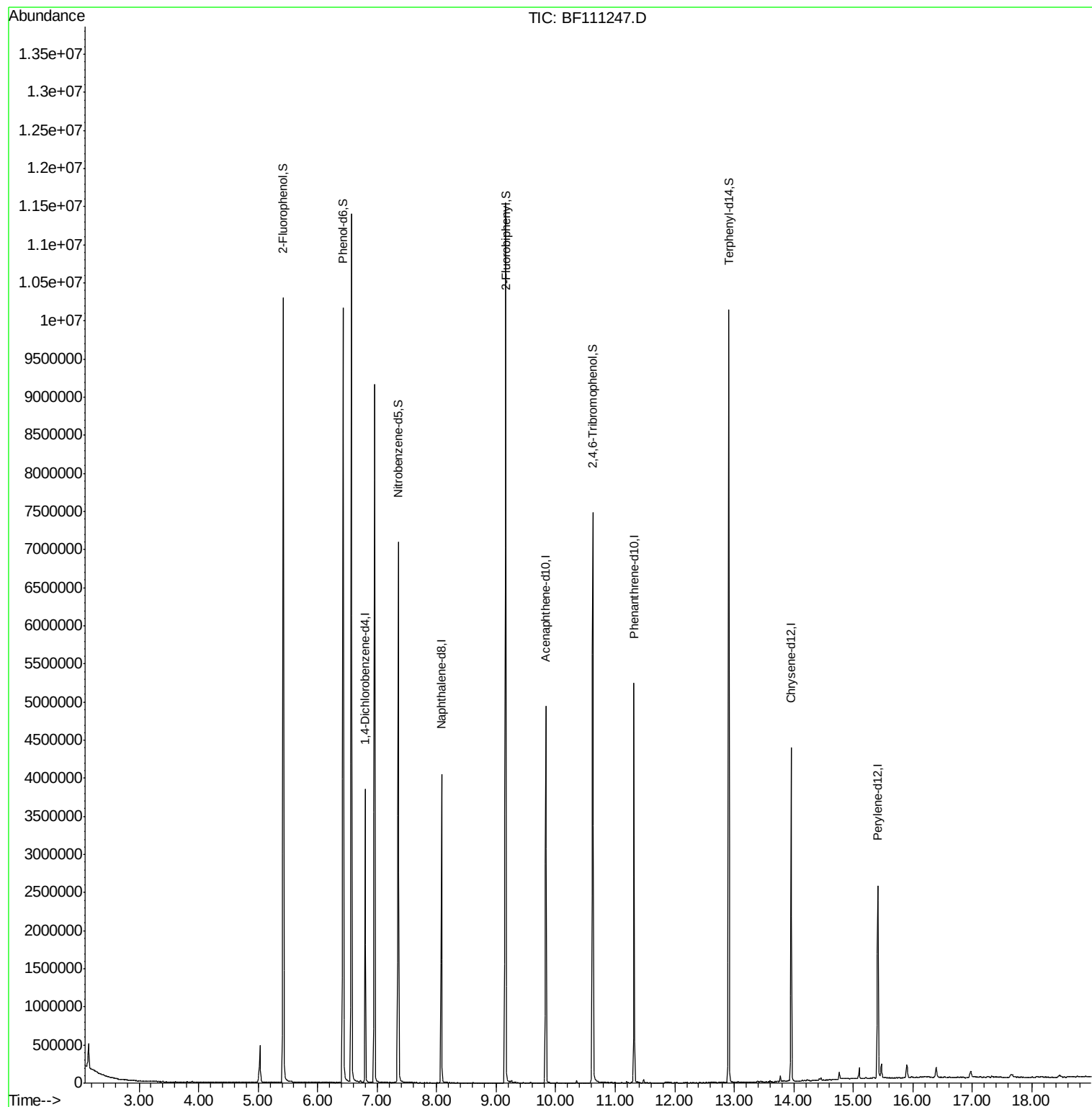
Target Compounds Qvalue

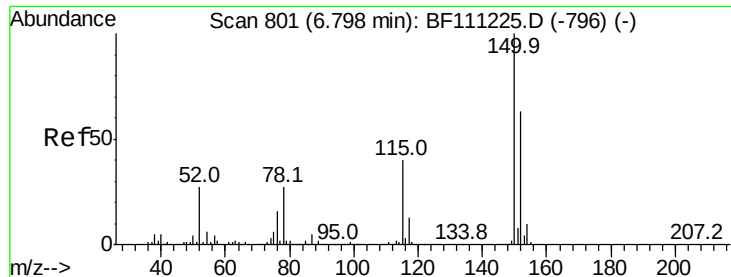
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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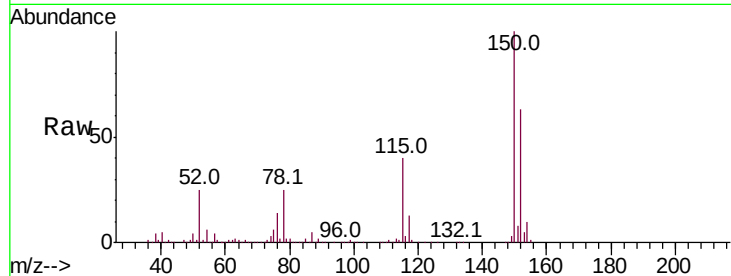


#1

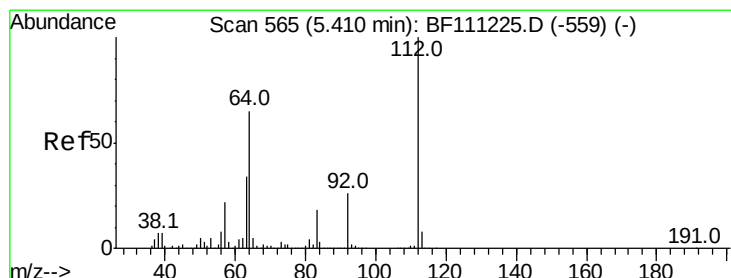
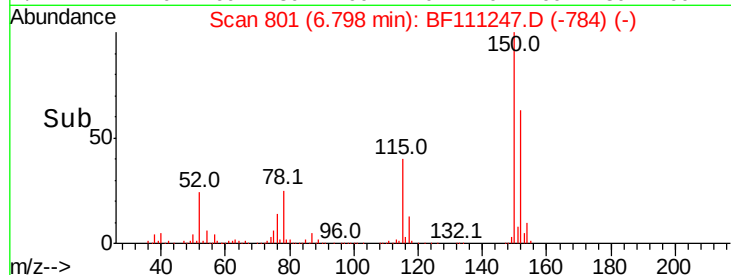
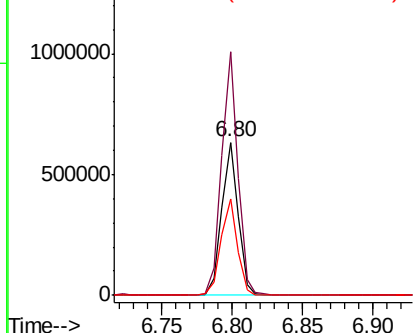
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
PB115276BL

Tot Ion:152 Resp: 514243
Ion Ratio Lower Upper
152 100
150 158.9 126.6 189.8
115 63.3 50.7 76.1



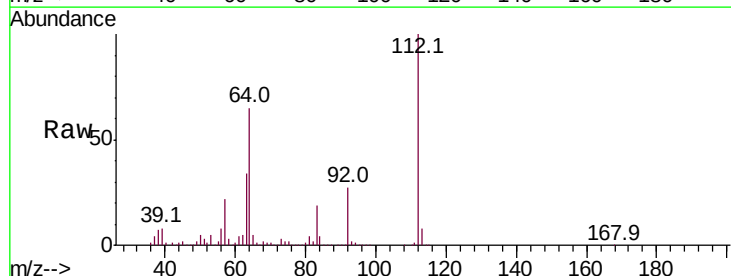
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



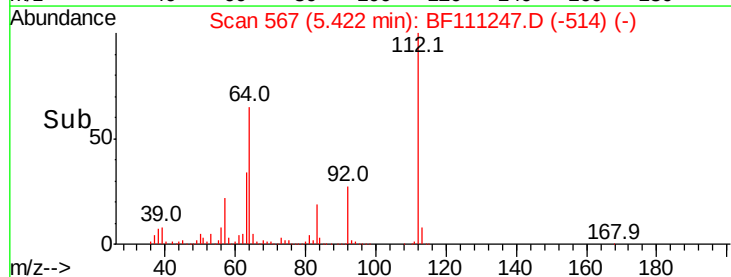
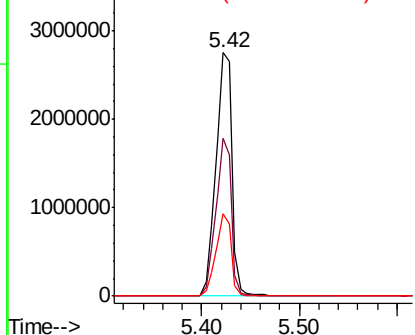
#5

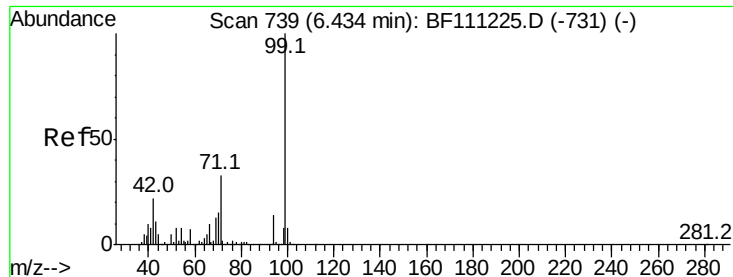
2-Fluorophenol
Concen: 96.848 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Tgt Ion:112 Resp: 3153975
Ion Ratio Lower Upper
112 100
64 64.8 51.8 77.6
63 33.6 26.8 40.2



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: 98.635 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

PB115276BL

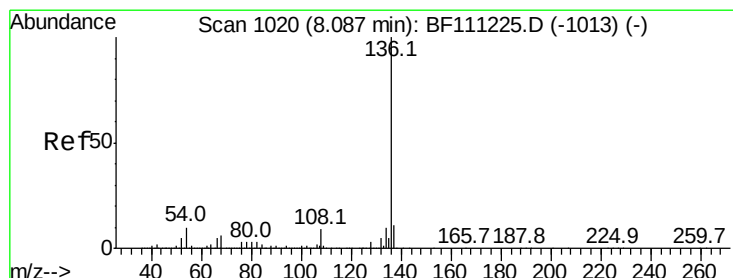
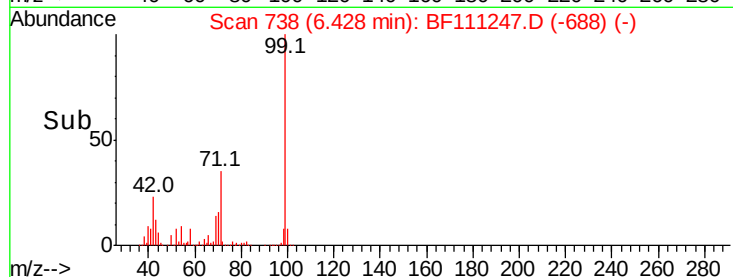
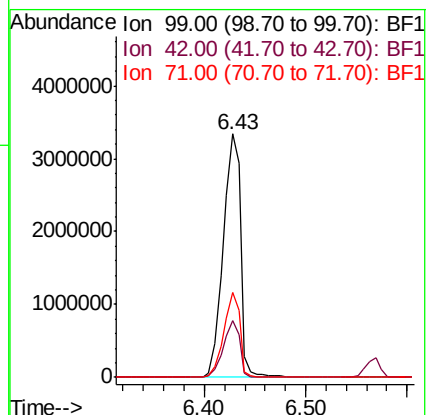
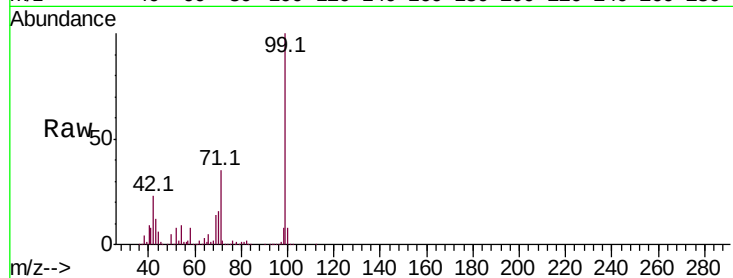
Tot Ion: 99 Resp: 3991920

Ion Ratio Lower Upper

99 100

42 23.5 17.4 26.0

71 34.8 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111247.D

Acq: 10 Dec 2018 17:34

Tgt Ion: 136 Resp: 2004126

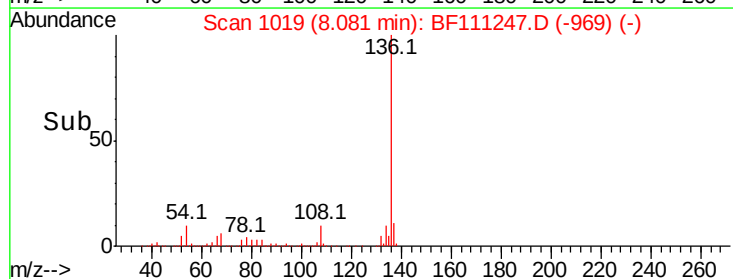
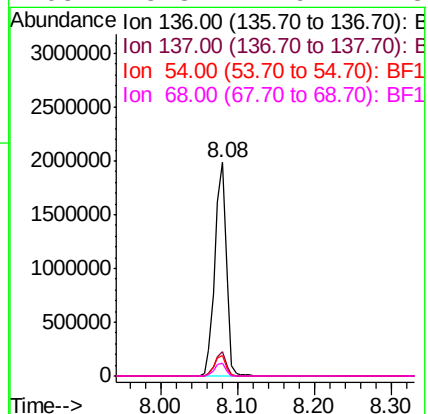
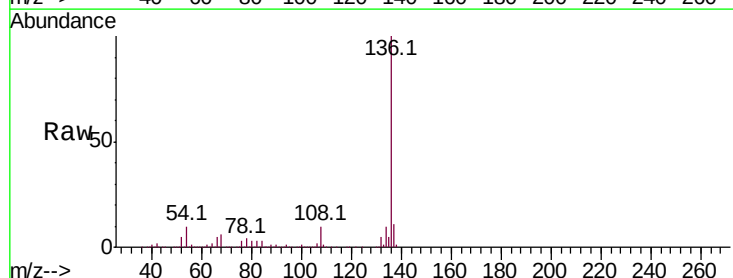
Ion Ratio Lower Upper

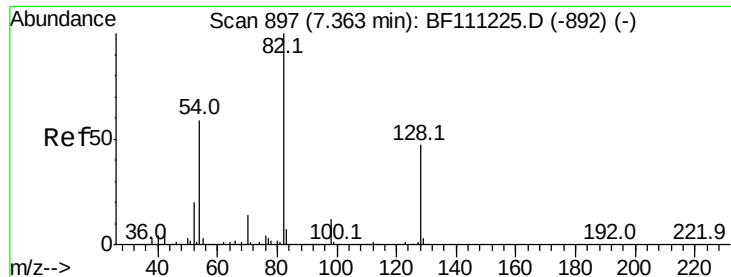
136 100

137 11.1 9.1 13.7

54 9.6 7.7 11.5

68 5.8 4.9 7.3

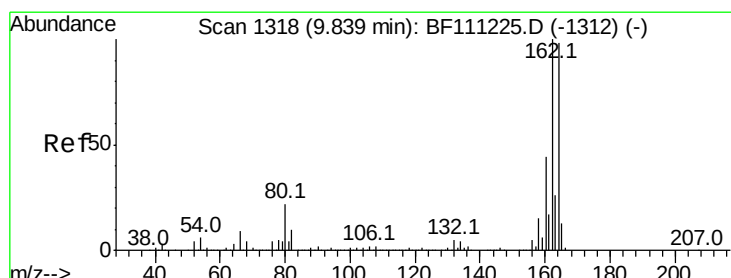
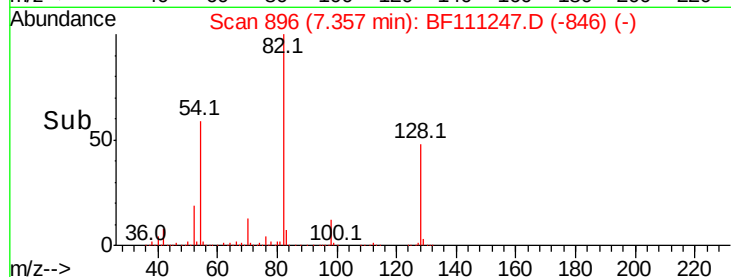
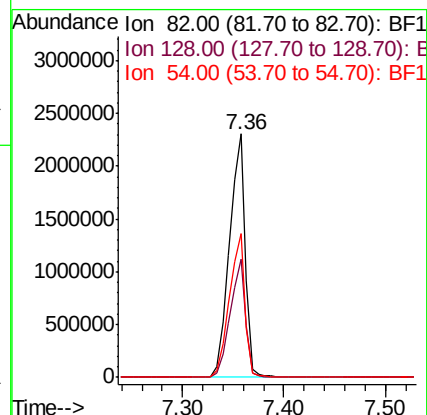
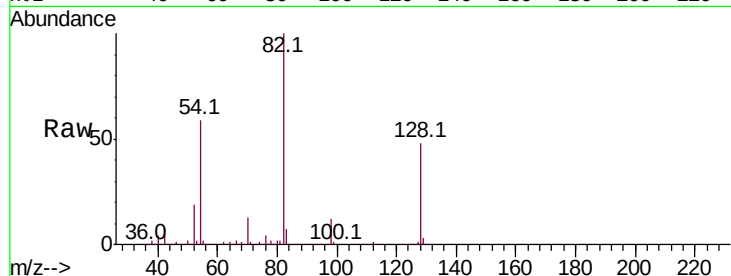




#23
 Nitrobenzene-d5
 Concen: 69.937 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

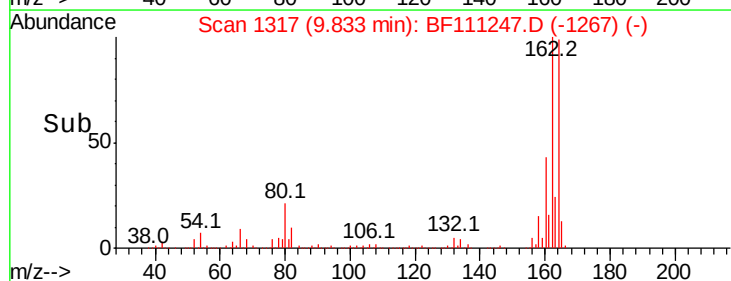
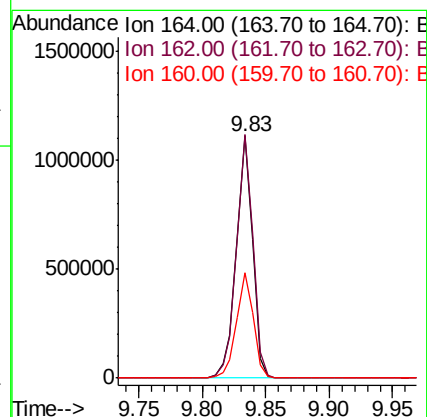
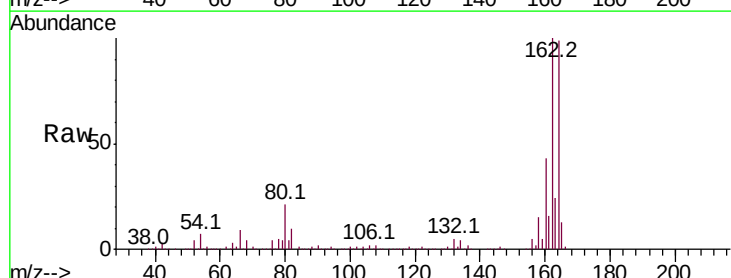
Instrument :
 BNA_F
 ClientSampleId :
 PB115276BL

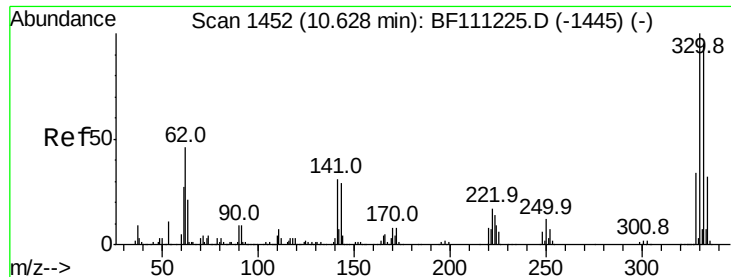
Tot Ion: 82 Resp: 2498943
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.4 56.2
 54 59.0 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Tgt Ion: 164 Resp: 982146
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.0
 160 43.6 35.7 53.5

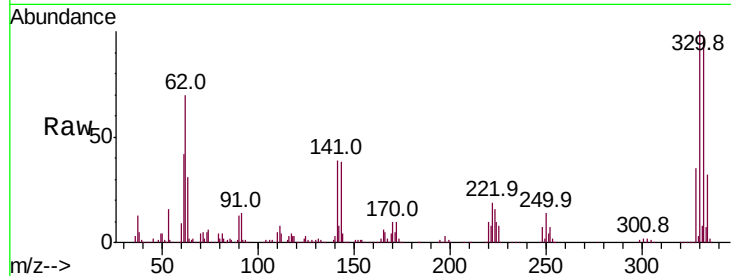




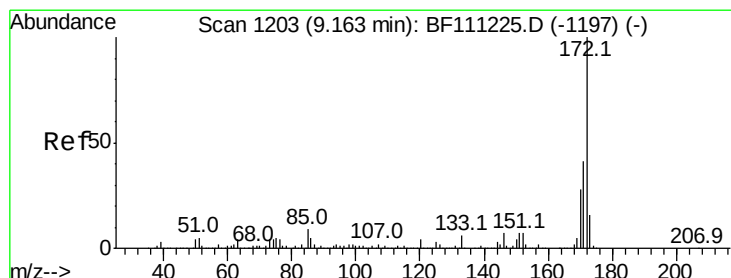
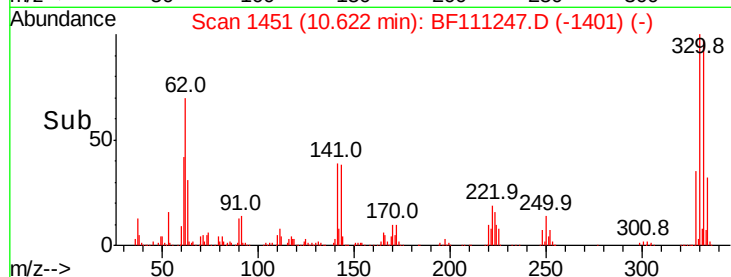
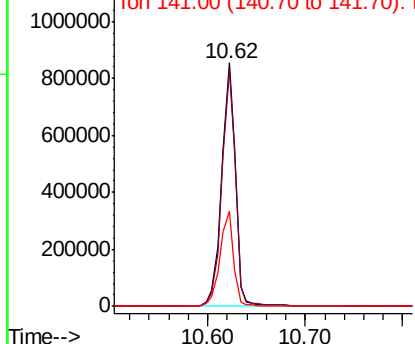
#42
 2,4,6-Tribromophenol
 Concen: 96.857 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampled :
 PB115276BL

Tot Ion:330 Resp: 842653
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 38.6 31.0 46.6

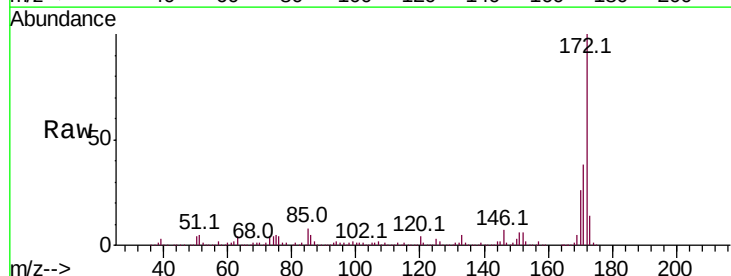


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

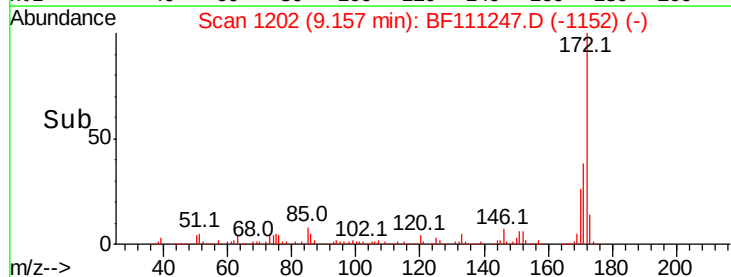
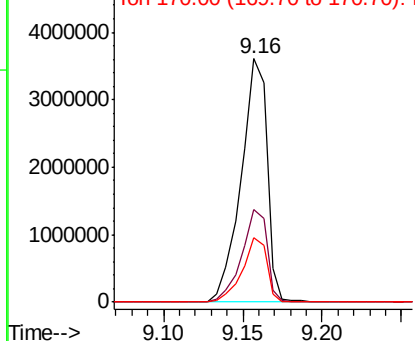


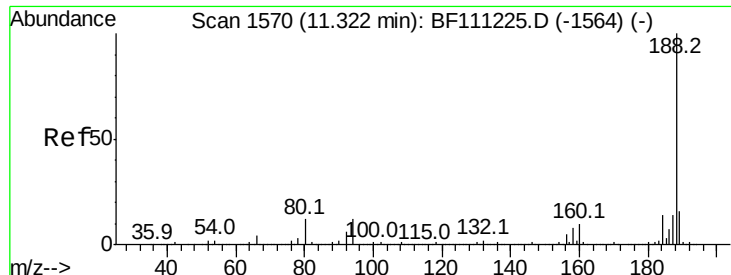
#45
 2-Fluorobiphenyl
 Concen: 68.293 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Tgt Ion:172 Resp: 4099210
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.0 49.4
 170 26.3 22.3 33.5



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

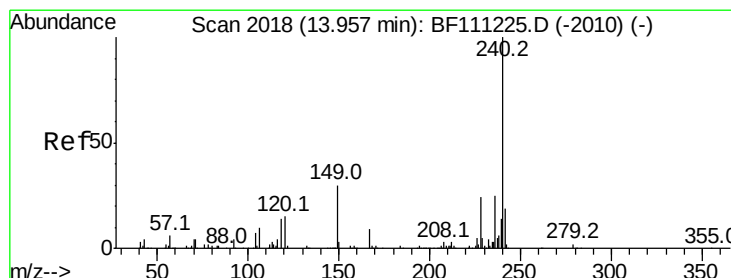
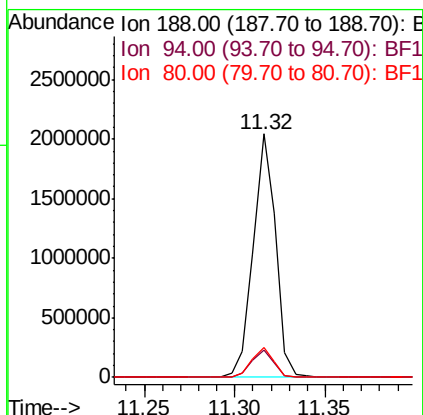
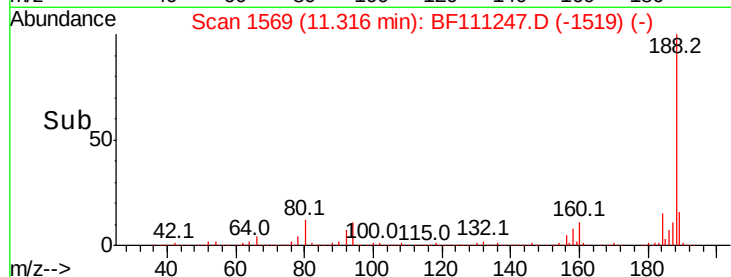
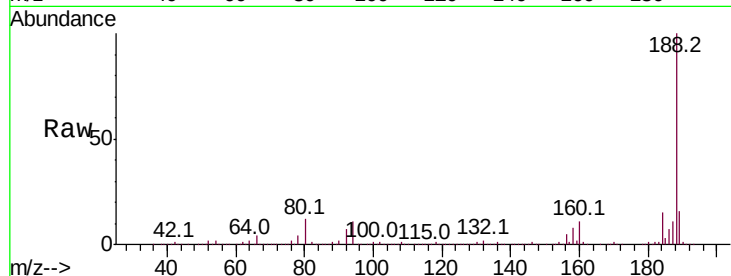




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

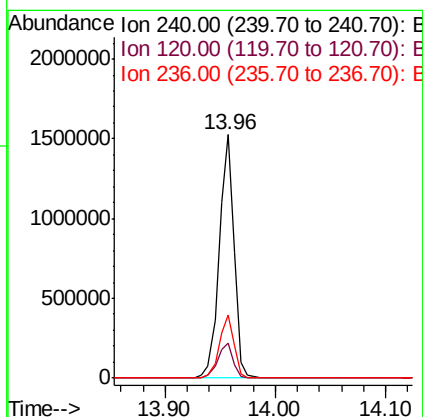
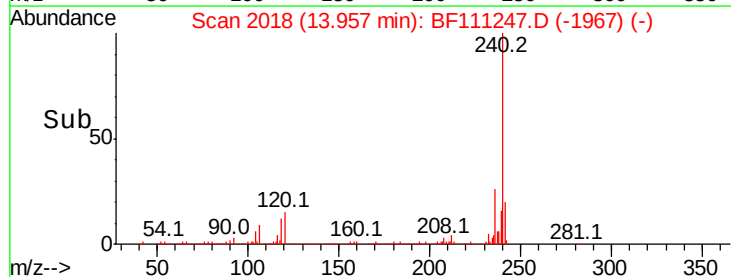
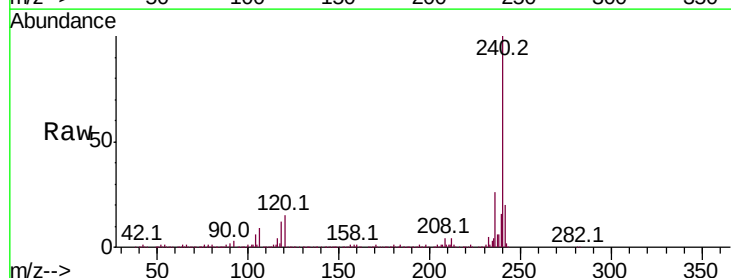
Instrument :
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ClientSampleId :
PB115276BL

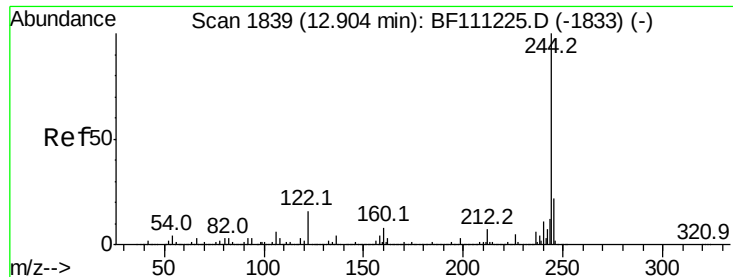
Tot Ion:188 Resp: 1757951
Ion Ratio Lower Upper
188 100
94 11.2 9.6 14.4
80 12.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111247.D
Acq: 10 Dec 2018 17:34

Tgt Ion:240 Resp: 1418711
Ion Ratio Lower Upper
240 100
120 14.5 12.2 18.2
236 26.0 20.2 30.2

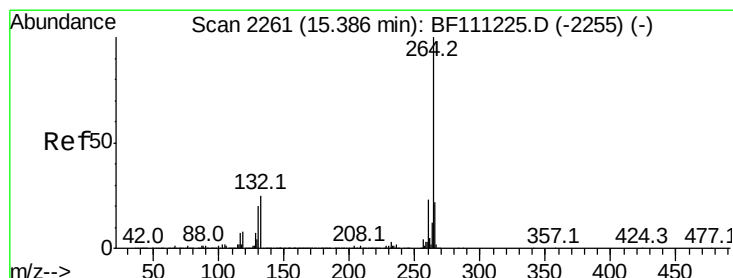
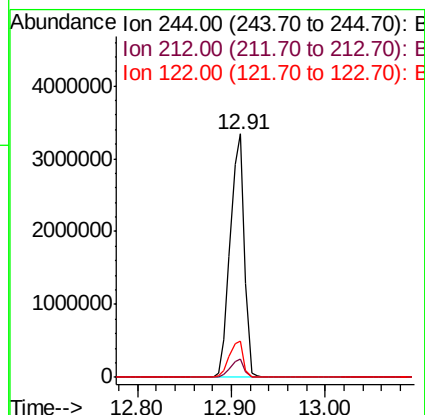
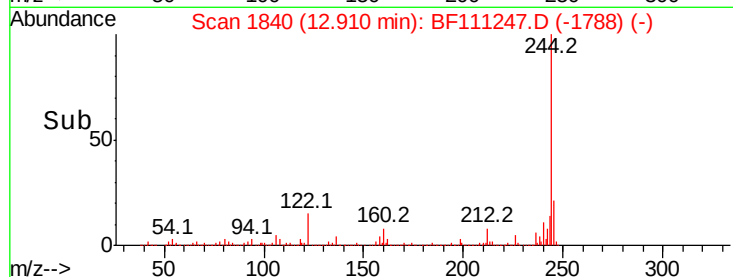
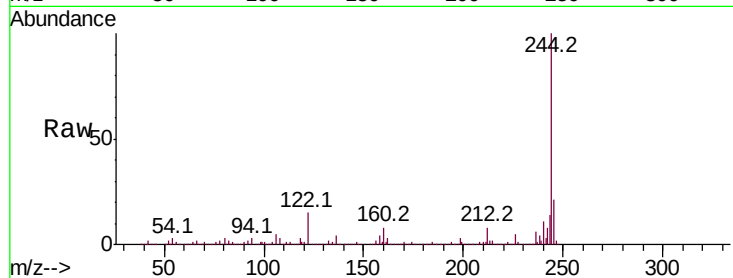




#79
 Terphenyl-d14
 Concen: 59.101 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB115276BL

Tot Ion:244 Resp: 3495646
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 14.6 13.1 19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.02 min
 Lab File: BF111247.D
 Acq: 10 Dec 2018 17:34

Tgt Ion:264 Resp: 1124417
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.2 17.7 26.5

