

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110497.D
 Acq On : 6 Nov 2018 6:43
 Operator : JU/SJ
 Sample : J5810-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-U-S

Quant Time: Nov 06 09:52:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99283	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	386068	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	164210	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	245848	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168228	20.00	ng	0.00
87) Perylene-d12	15.66	264	127870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	261290	42.86	ng	0.00
7) Phenol-d6	6.57	99	213495	27.38	ng	-0.01
23) Nitrobenzene-d5	7.52	82	697661	107.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	136045	83.64	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1238855	118.47	ng	0.00
79) Terphenyl-d14	13.07	244	830213	102.63	ng	0.00

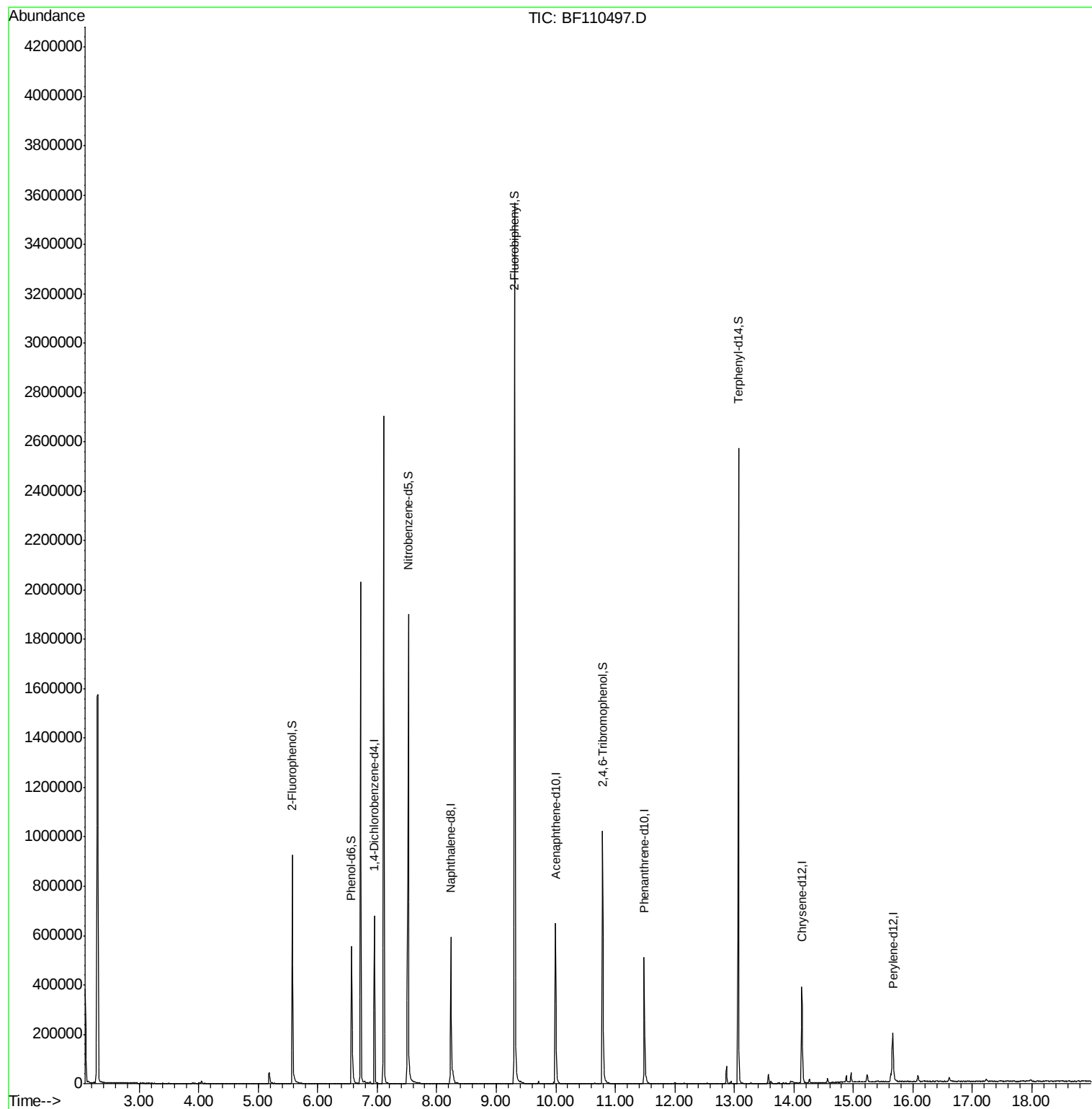
Target Compounds Qvalue

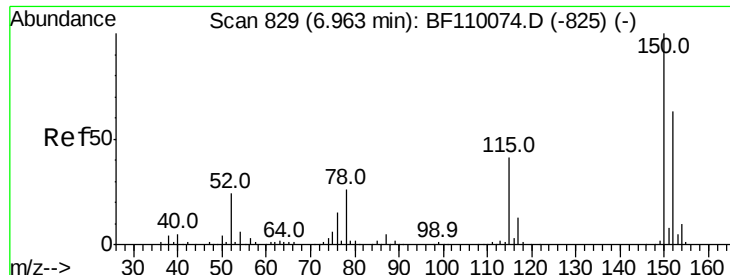
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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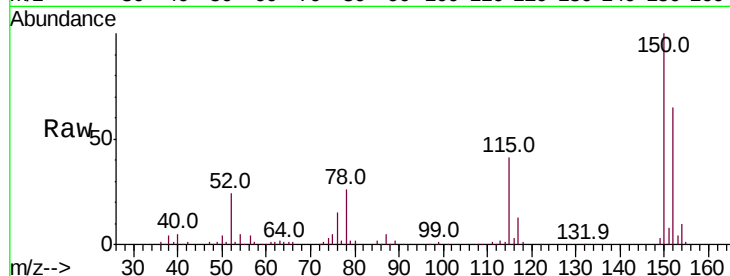


#1

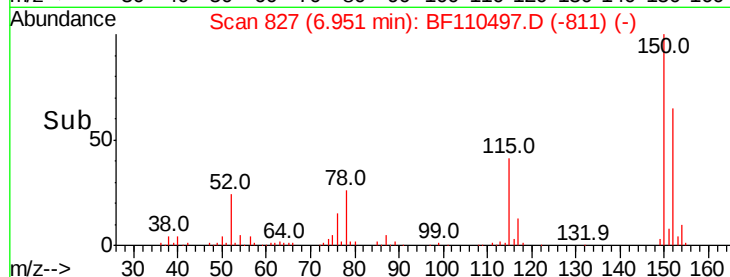
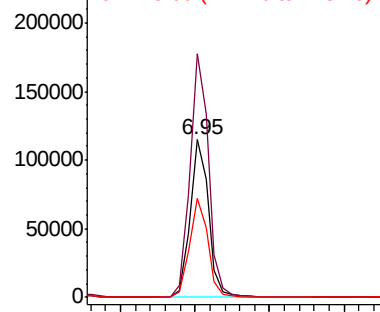
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Instrument :
BNA_F
ClientSampleId :
110218-SIDI-E-U-S

Tot Ion:152 Resp: 99283
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 62.6 49.1 73.7



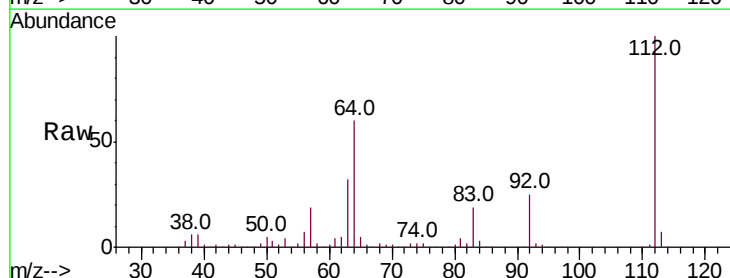
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



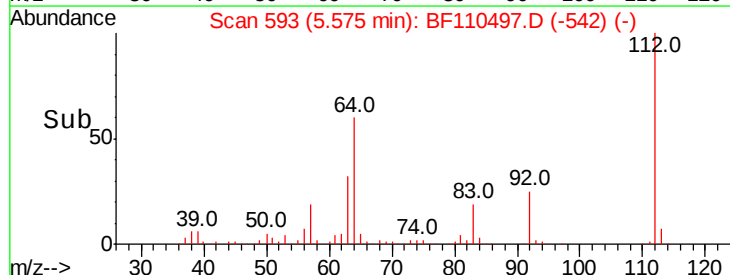
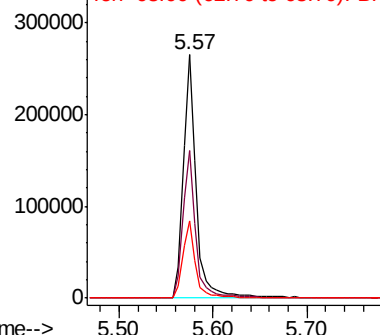
#5

2-Fluorophenol
Concen: 42.857 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110497.D
Acq: 6 Nov 2018 6:43

Tgt Ion:112 Resp: 261290
Ion Ratio Lower Upper
112 100
64 60.4 44.1 66.1
63 31.6 23.7 35.5



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: 27.377 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-U-S

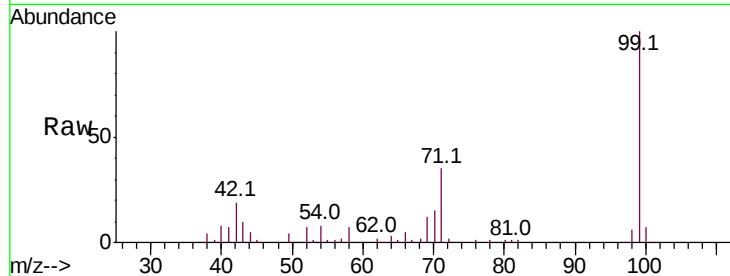
Tot Ion: 99 Resp: 213495

Ion Ratio Lower Upper

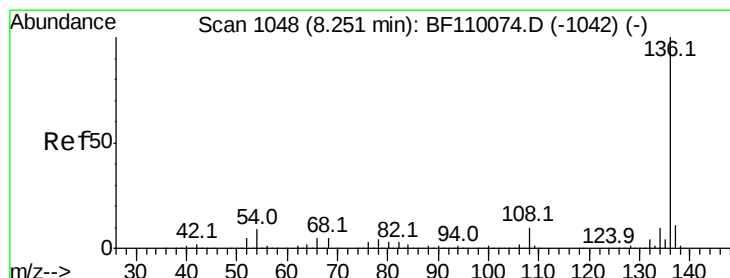
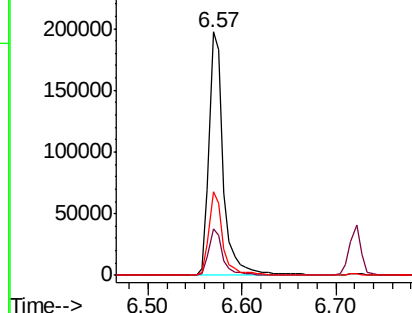
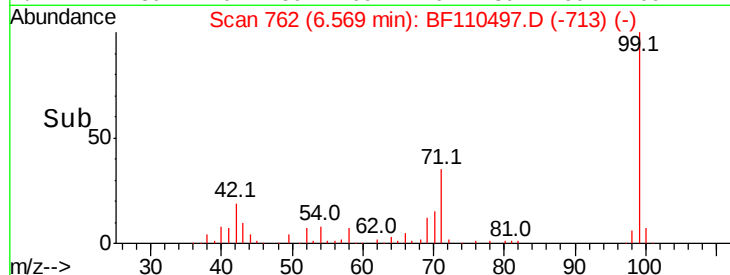
99 100

42 19.2 15.8 23.6

71 34.6 28.0 42.0



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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Tgt Ion: 136 Resp: 386068

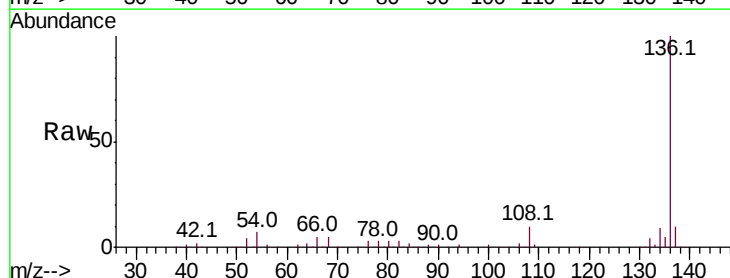
Ion Ratio Lower Upper

136 100

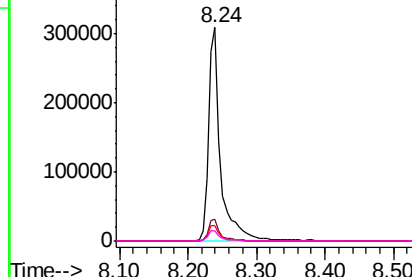
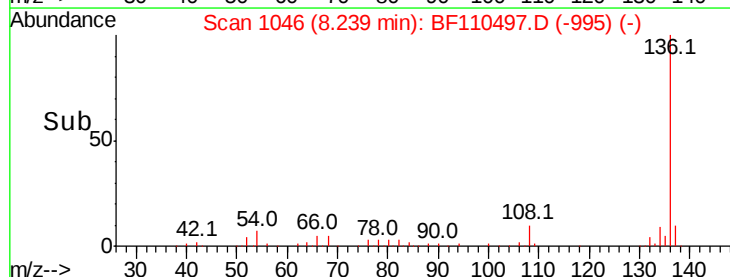
137 10.5 8.8 13.2

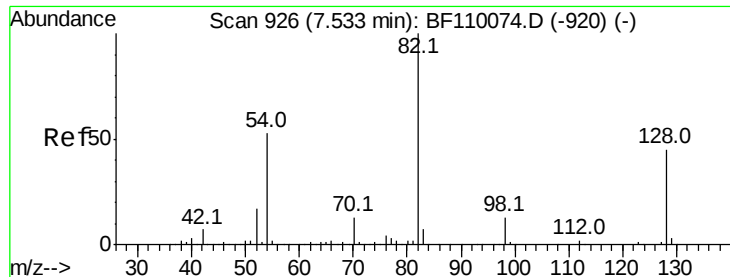
54 7.1 5.4 8.2

68 4.8 4.2 6.2



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

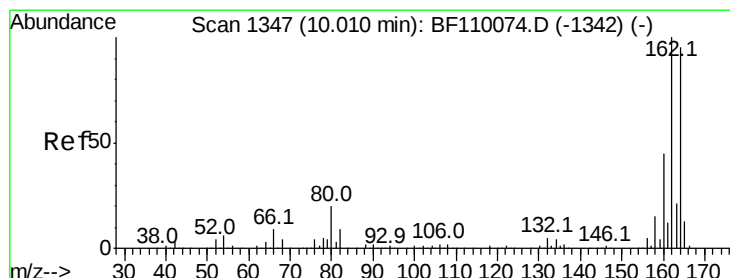
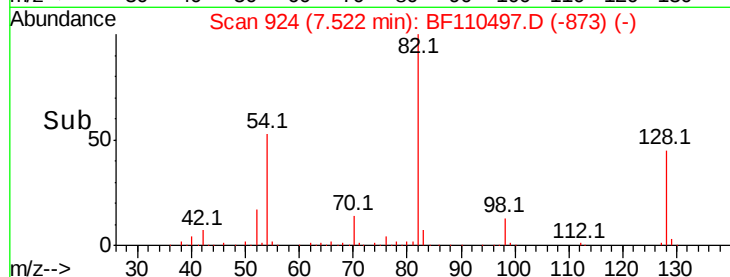
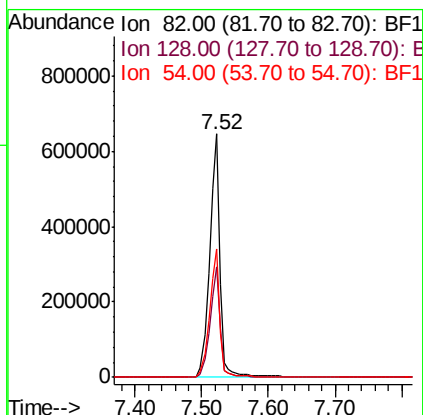
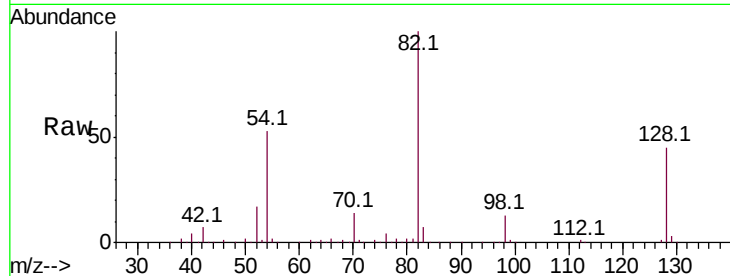




#23
 Nitrobenzene-d5
 Concen: 107.184 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110497.D
 Acq: 6 Nov 2018 6:43

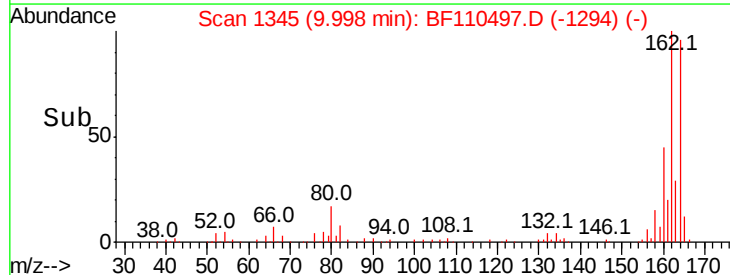
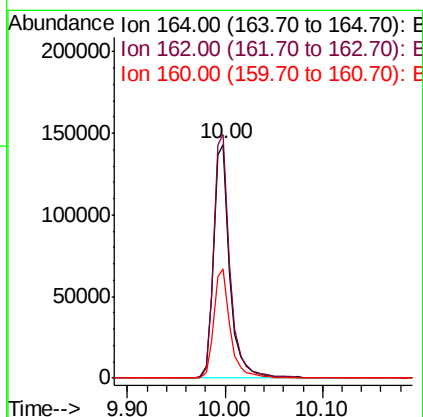
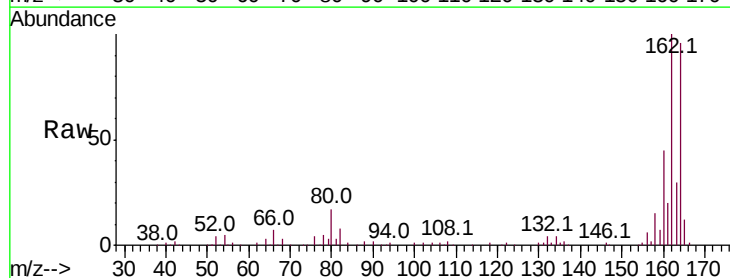
Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-U-S

Tot Ion: 82 Resp: 697661
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.2 51.2
 54 52.5 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110497.D
 Acq: 6 Nov 2018 6:43

Tgt Ion: 164 Resp: 164210
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.0 124.6
 160 46.9 37.0 55.6

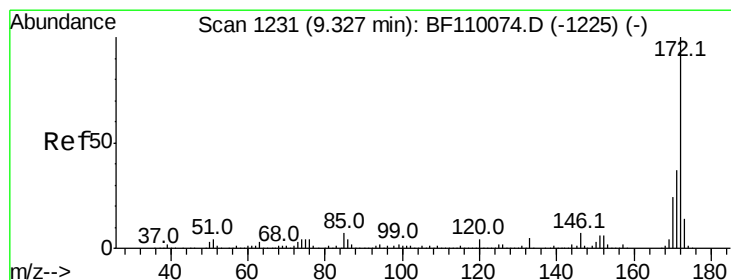
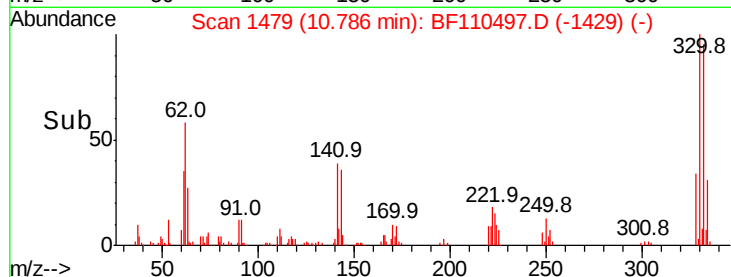
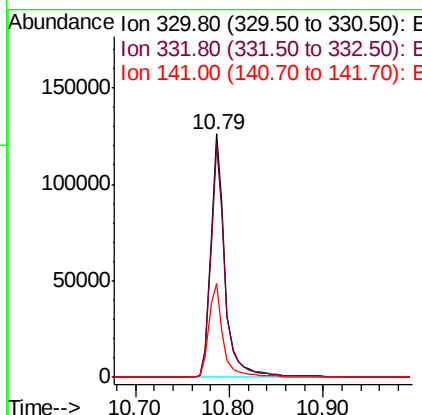
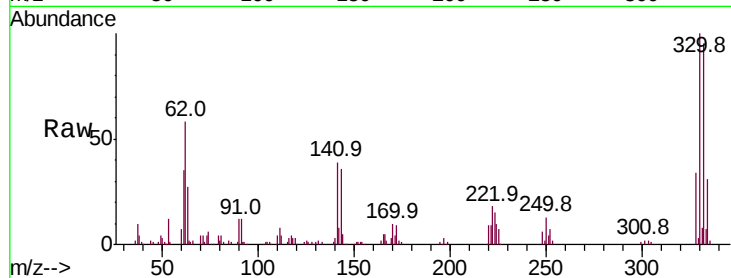




#42
 2,4,6-Tribromophenol
 Concen: 83.637 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110497.D
 Acq: 6 Nov 2018 6:43

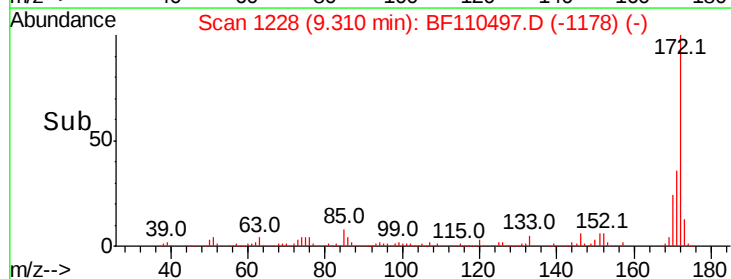
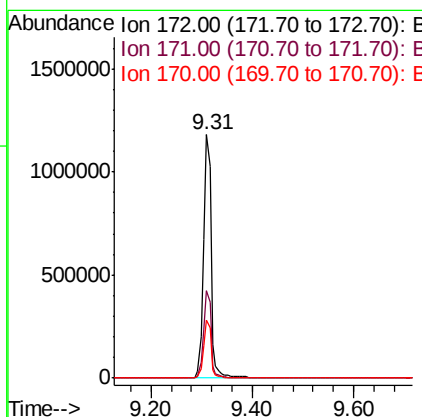
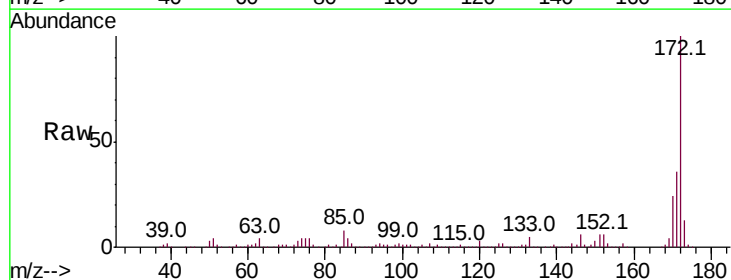
Instrument :
 BNA_F
 ClientSampleId :
 110218-SIDI-E-U-S

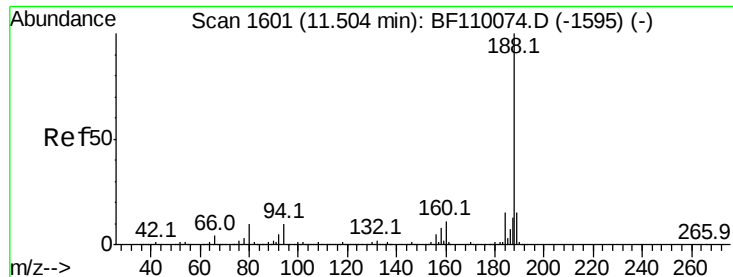
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	38.3	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 118.466 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110497.D
 Acq: 6 Nov 2018 6:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-U-S

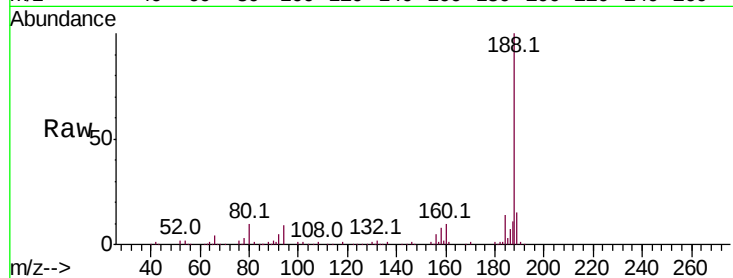
Tot Ion:188 Resp: 245848

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

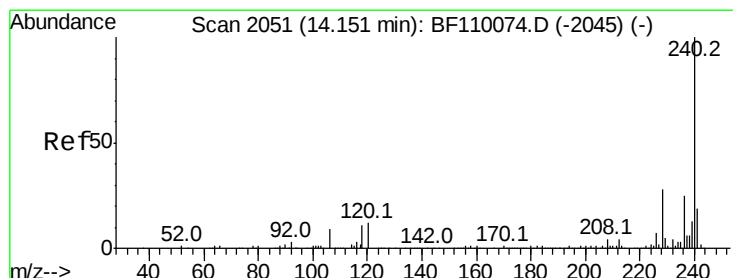
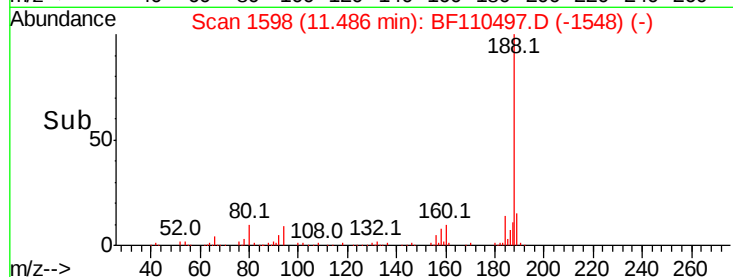
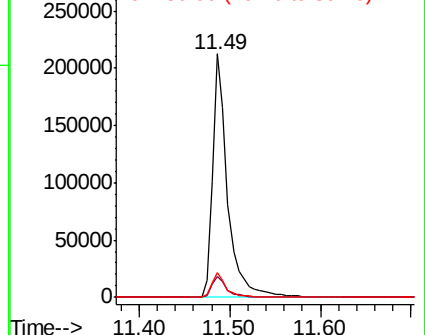
80 10.2 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

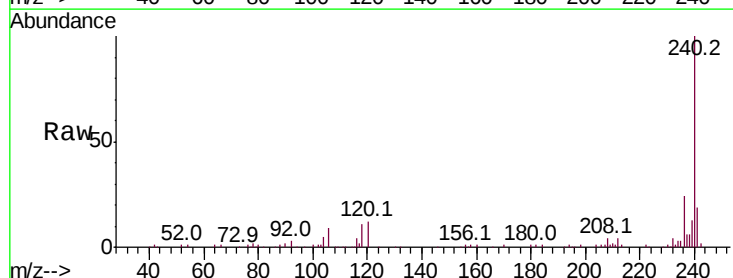
Tgt Ion:240 Resp: 168228

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

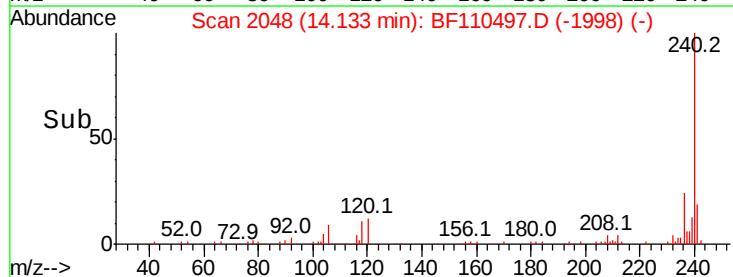
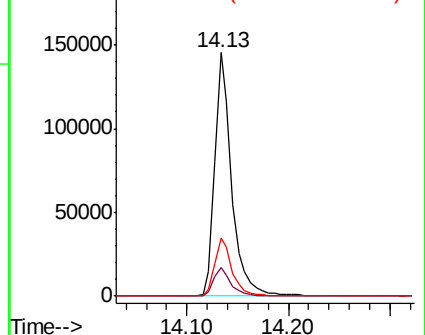
236 24.1 21.2 31.8



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: 102.635 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Instrument :

BNA_F

ClientSampleId :

110218-SIDI-E-U-S

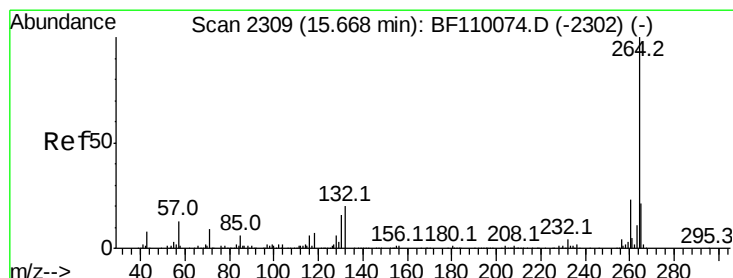
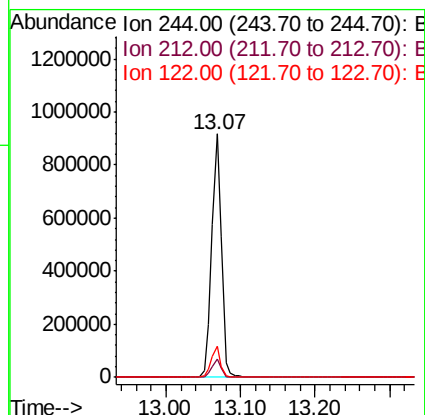
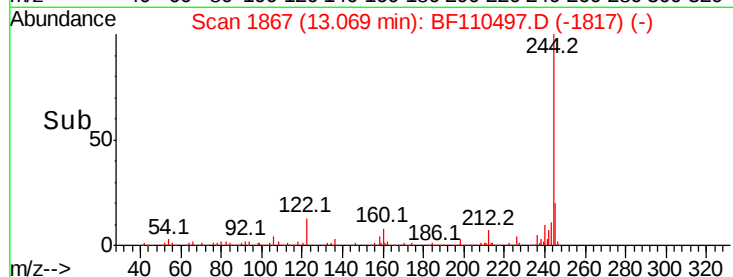
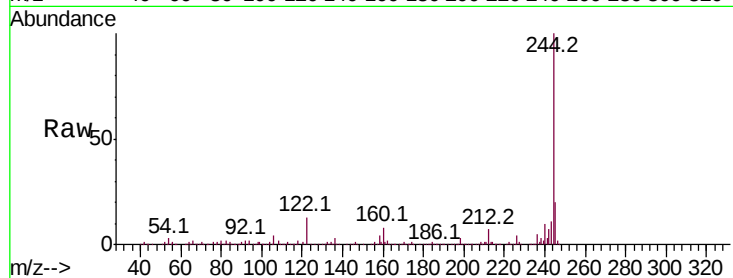
Tot Ion:244 Resp: 830213

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 12.6 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110497.D

Acq: 6 Nov 2018 6:43

Tgt Ion:264 Resp: 127870

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 22.8 16.7 25.1

