

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108814.D
 Acq On : 6 Sep 2018 9:51
 Operator : JU/SJ
 Sample : J4724-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-07

Quant Time: Sep 06 11:33:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

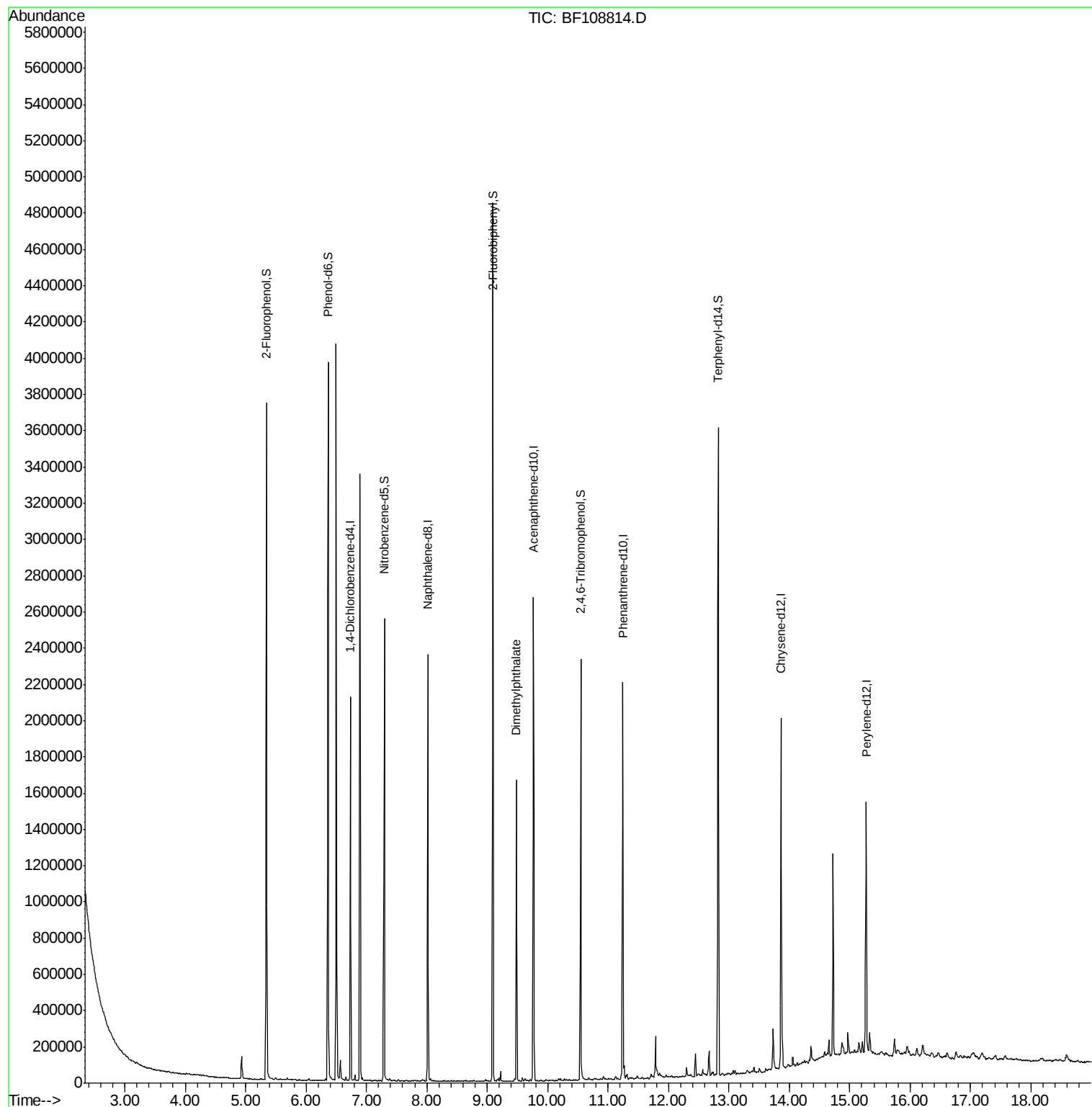
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	273613	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1032901	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	451056	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	708371	20.00	ng	0.00
75) Chrysene-d12	13.87	240	581639	20.00	ng	0.00
86) Perylene-d12	15.27	264	578942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1087447	65.84	ng	0.01
7) Phenol-d6	6.37	99	1399767	65.87	ng	0.00
23) Nitrobenzene-d5	7.30	82	840581	50.93	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	273018	63.40	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1530307	57.88	ng	0.00
78) Terphenyl-d14	12.82	244	1116887	44.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	575116	18.230	ng	Qvalue 100

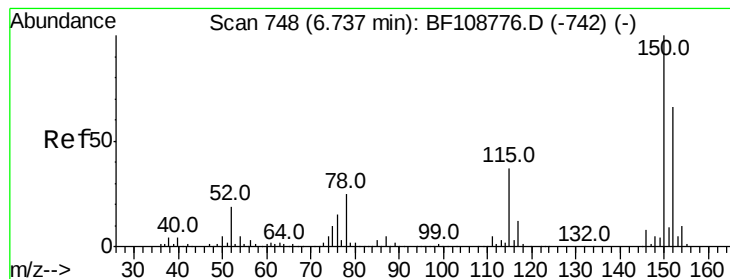
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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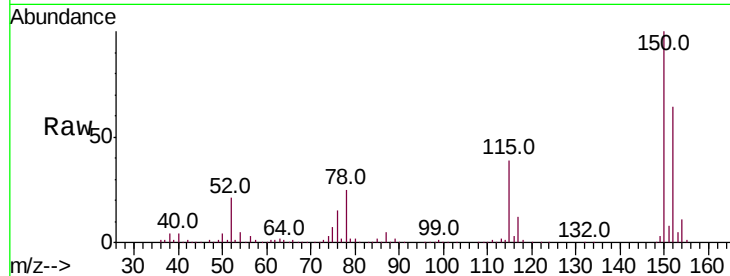


#1

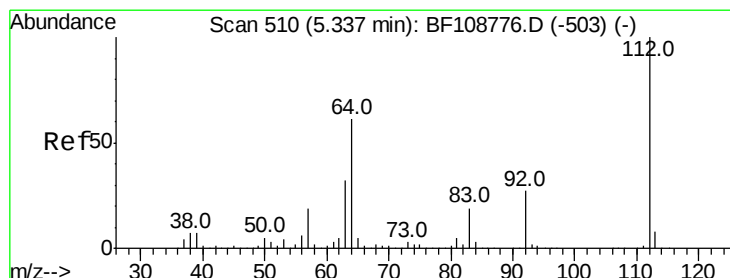
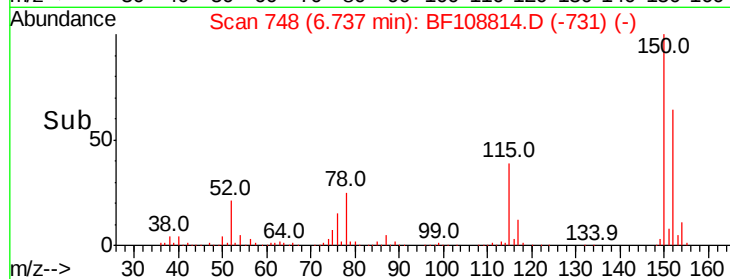
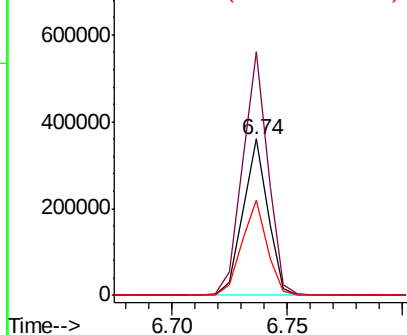
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-07

Tot Ion:152 Resp: 273613
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 60.5 50.1 75.1



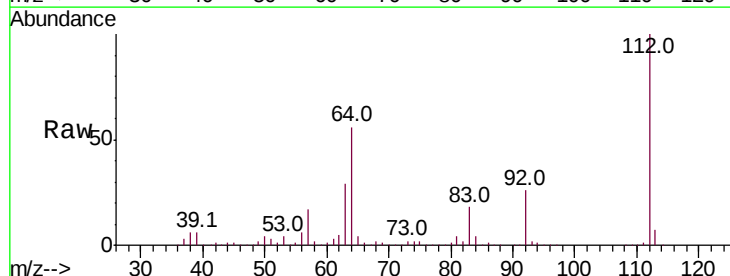
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



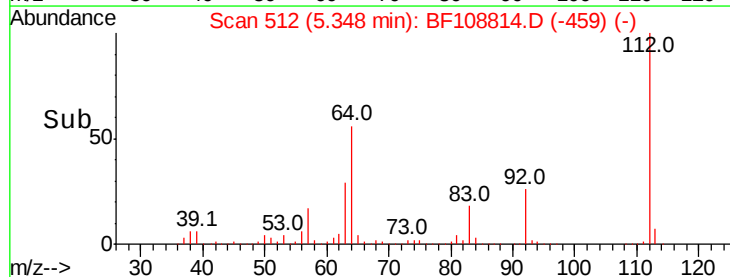
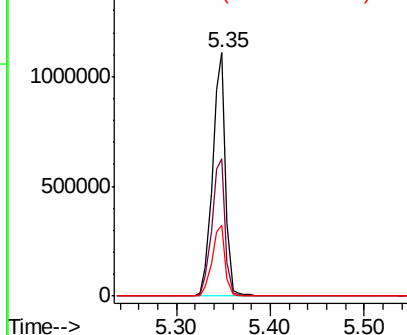
#5

2-Fluorophenol
Concen: 65.843 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion:112 Resp: 1087447
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.9 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: 65.871 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-UST-07

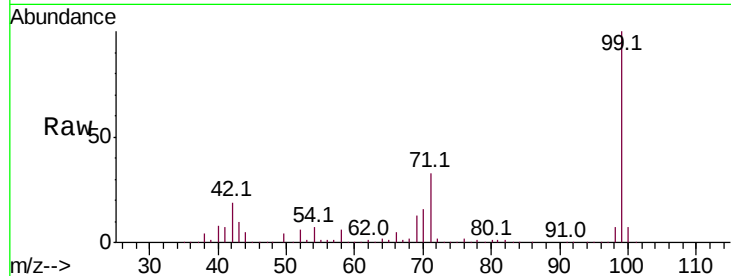
Tot Ion: 99 Resp: 1399767

Ion Ratio Lower Upper

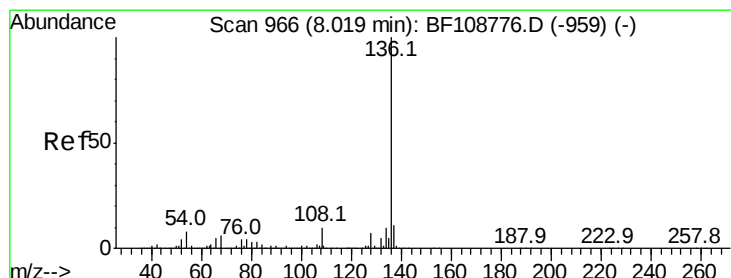
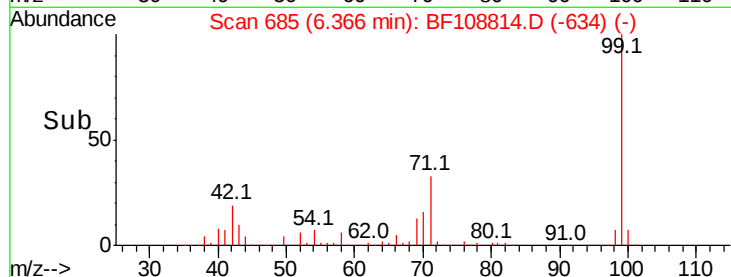
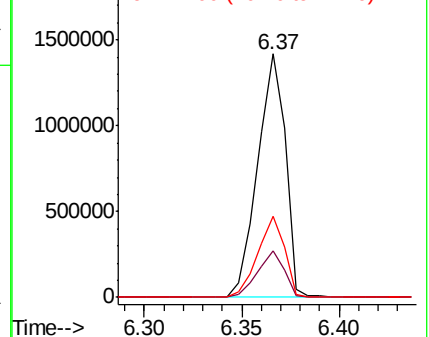
99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



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: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Tgt Ion: 136 Resp: 1032901

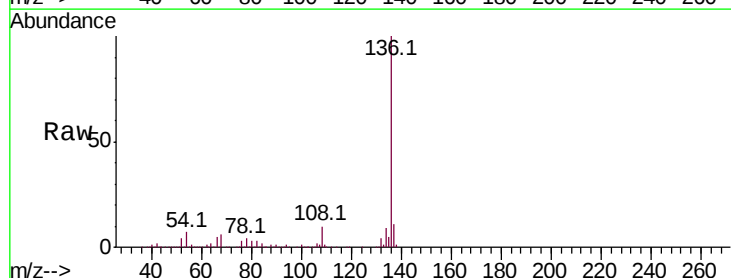
Ion Ratio Lower Upper

136 100

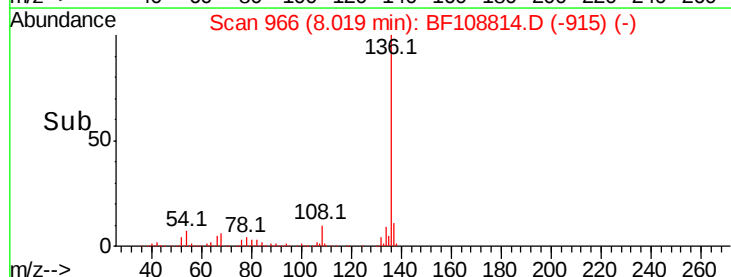
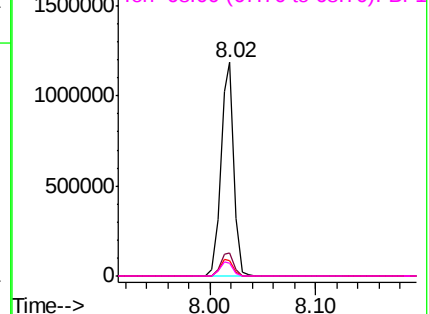
137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 6.1 5.0 7.4



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

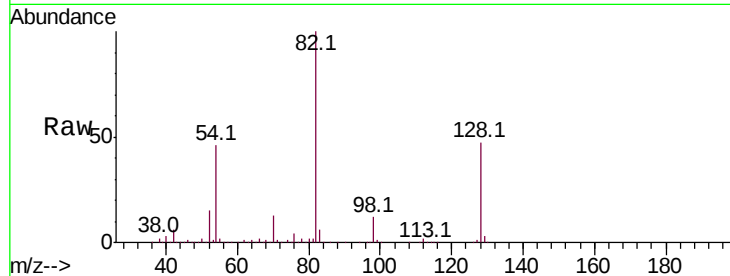




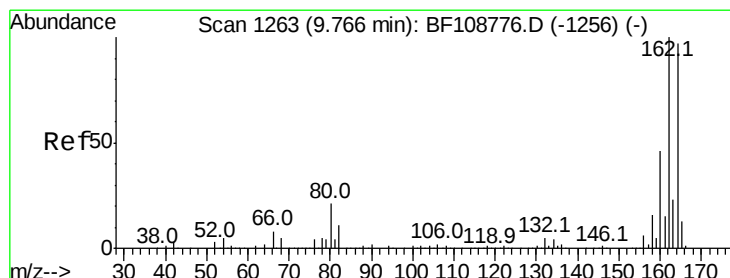
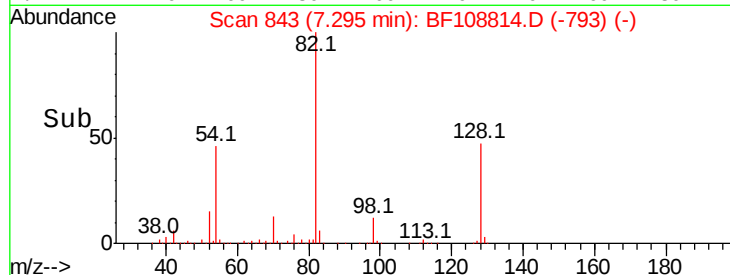
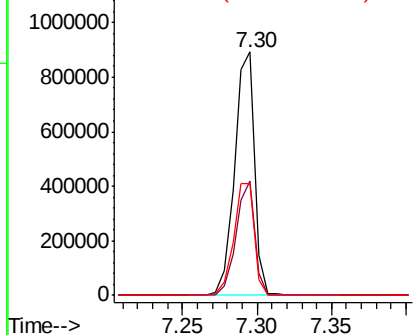
#23
Nitrobenzene-d5
Concen: 50.929 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-07

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	45.7	41.4	62.2

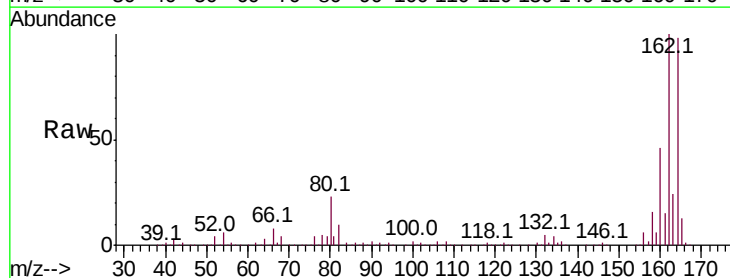


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

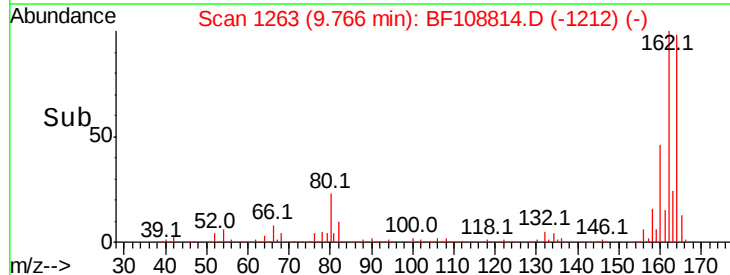
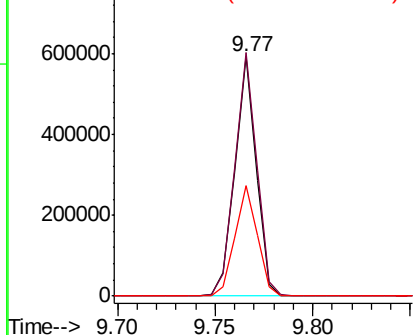


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

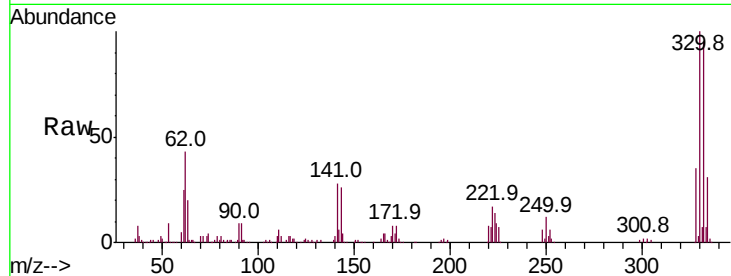




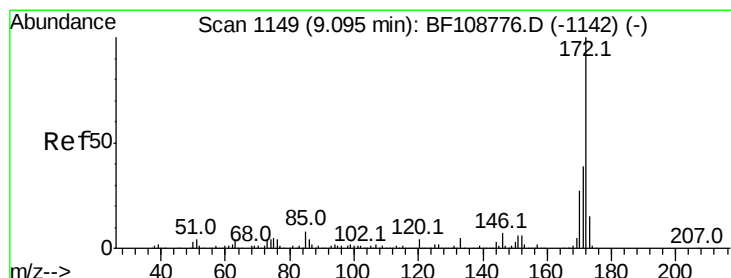
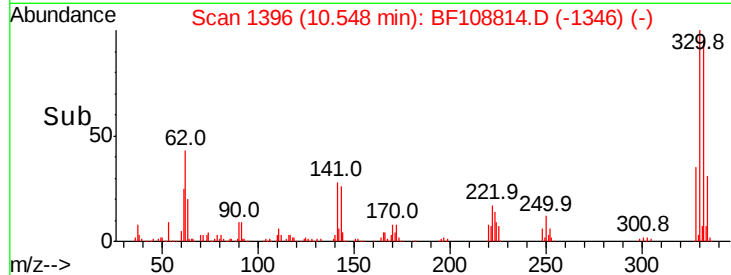
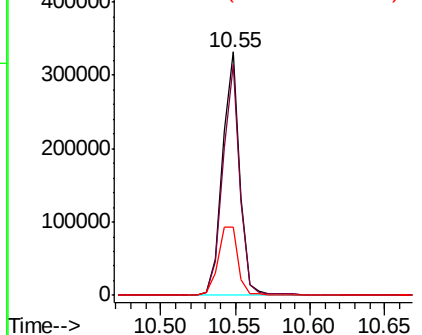
#41
 2,4,6-Tribromophenol
 Concen: 63.404 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108814.D
 Acq: 6 Sep 2018 9:51

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-UST-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	32.3	29.9	44.9

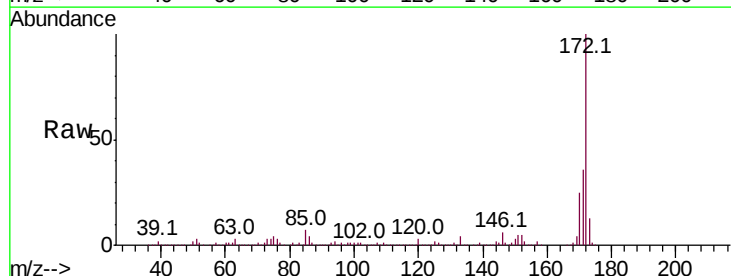


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

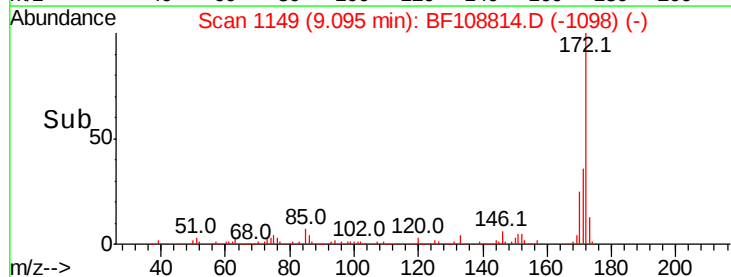
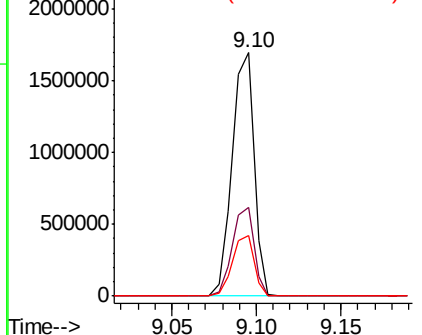


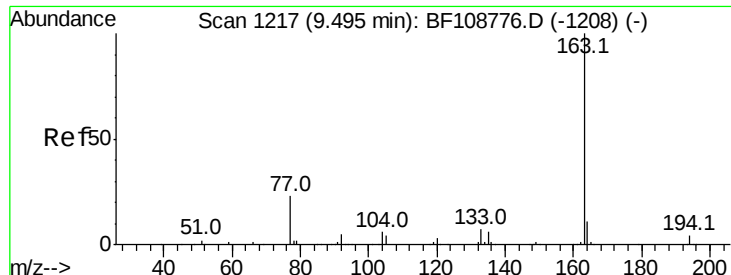
#44
 2-Fluorobiphenyl
 Concen: 57.879 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108814.D
 Acq: 6 Sep 2018 9:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.6	29.4



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

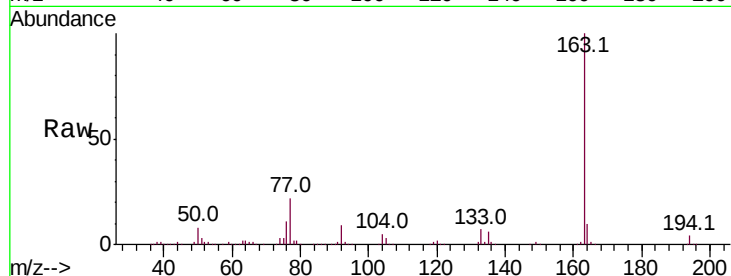




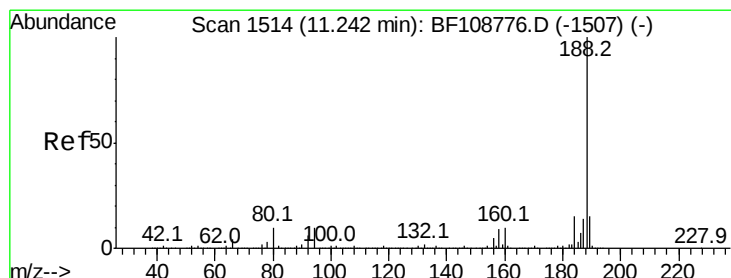
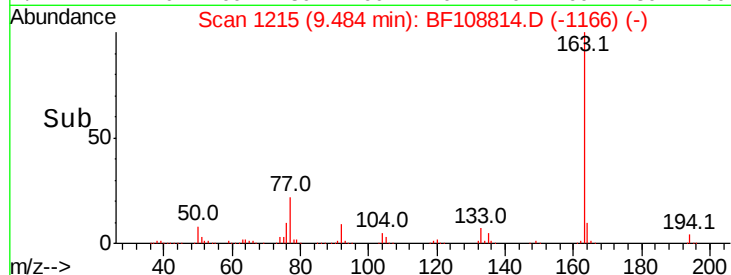
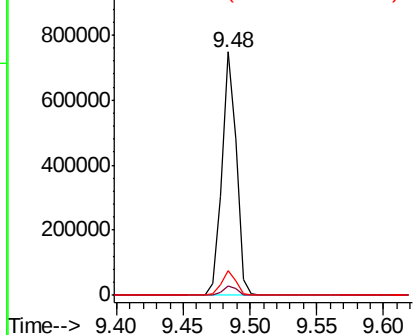
#49
Dimethylphthalate
Concen: 18.230 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-07

Tot Ion:163 Resp: 575116
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

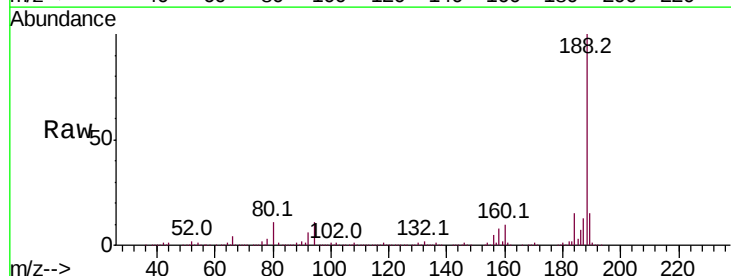


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

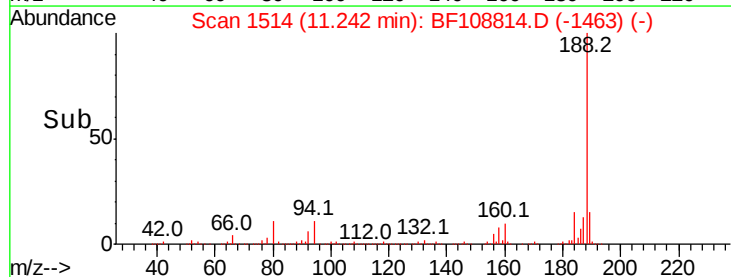
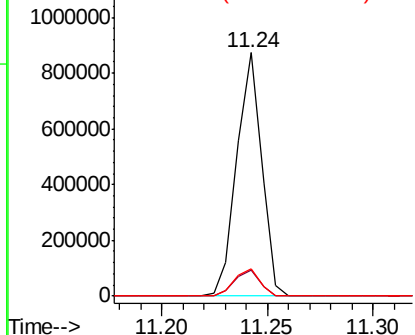


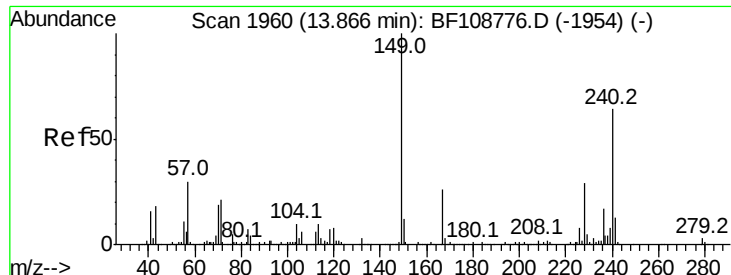
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Tgt Ion:188 Resp: 708371
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-UST-07

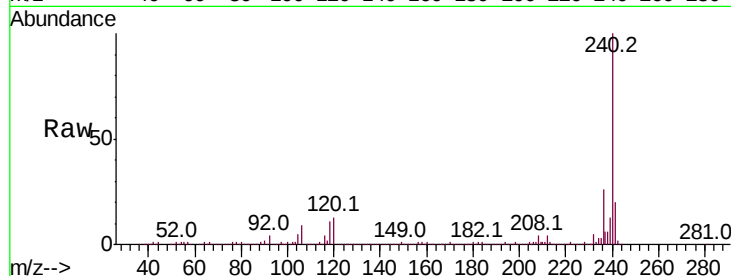
Tot Ion:240 Resp: 581639

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

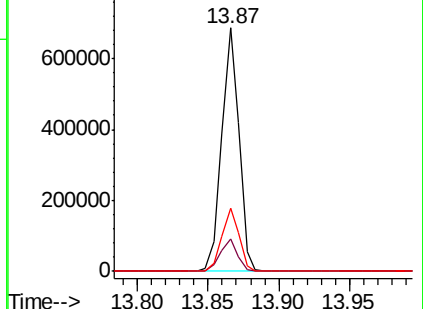
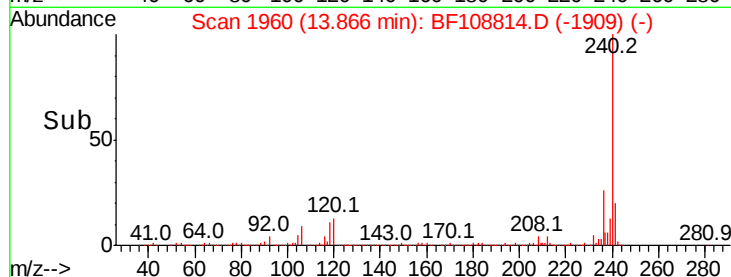
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 44.778 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108814.D

Acq: 6 Sep 2018 9:51

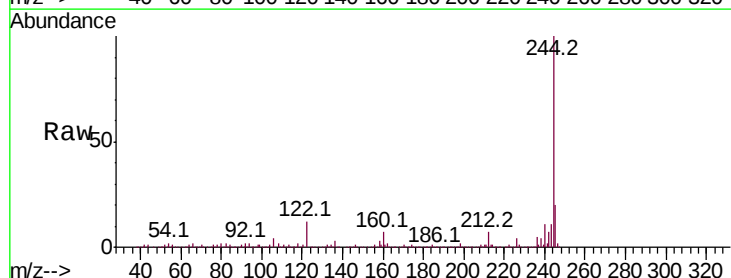
Tgt Ion:244 Resp: 1116887

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

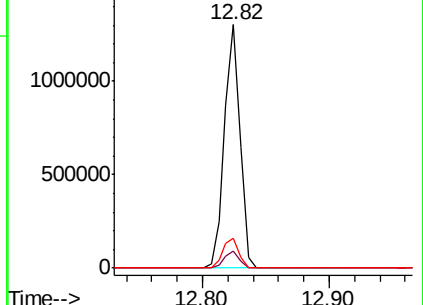
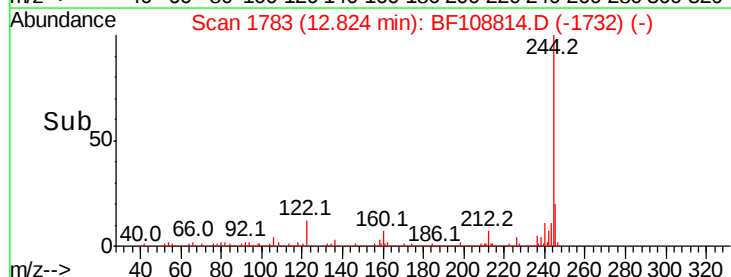
122 12.3 11.0 16.4

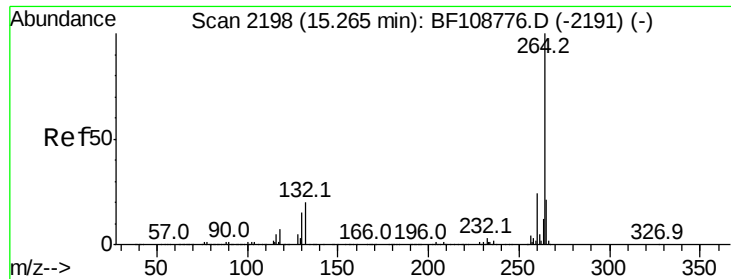


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

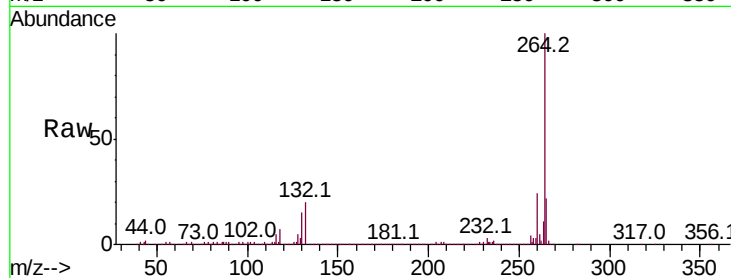




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108814.D
Acq: 6 Sep 2018 9:51

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-UST-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3



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

