Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\

Quantitation Report (Not Reviewed)

Data File : BF108925.D
Acq On : 11 Sep 2018 8:21
Operator : JU/SJ
Sample : J4777-05DL 4X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-090718-CDL

Quant Time: Sep 11 08:48:31 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	184921	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	663791	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	275898	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	450888	20.00	ng		0.00
75) Chrysene-d12	13.88	240	454004	20.00	ng		0.01
86) Perylene-d12	15.29	264	389316	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	247856	22.20	ng		0.00
7) Phenol-d6	6.36	99	316910	22.07	ng		0.00
23) Nitrobenzene-d5	7.29	82	179208	16.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	50623	19.22	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	343769	21.26	ng		0.00
78) Terphenyl-d14	12.82	244	282362	14.50	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	23500	2.354	ng	#	78
25) Isophorone	7.29	82	177161	8.373	ng	#	64
31) Naphthalene	8.04	128	68659	2.299	ng		99
49) Dimethylphthalate	9.48	163	74927	3.883	ng		99
51) Acenaphthene	9.80	154	54934	3.467	ng		99
54) Dibenzofuran	9.97	168	68428	2.963	ng		97
55) 4-Nitrophenol	9.97	139	24745	7.562	ng	#	12
56) 2,4-Dinitrotoluene	9.77	165	36388	7.738	ng	#	23
57) Fluorene	10.31	166	104143	7.026	ng		95
70) Phenanthrene	11.27	178	660022	30.653	ng		99
71) Anthracene	11.32	178	234982	11.398	ng		98
74) Fluoranthene	12.46	202	1027963	48.219	ng		97
77) Pyrene	12.68	202	884886	25.330	ng		100
80) Benzo(a)anthracene	13.87	228	596734	20.506	ng		98
82) Chrysene	13.90	228	471181	16.726	ng		97
87) Benzo(b)fluoranthene	14.89	252	769574	36.353	ng		97
88) Benzo(k)fluoranthene	14.89	252	769574	39.476	ng		99
89) Benzo(a)pyrene	15.23	252	385495	20.182	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	51404	3.054	ng	#	91
91) Benzo(g,h,i)perylene	17.06	276	174155	10.334	ng		94

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

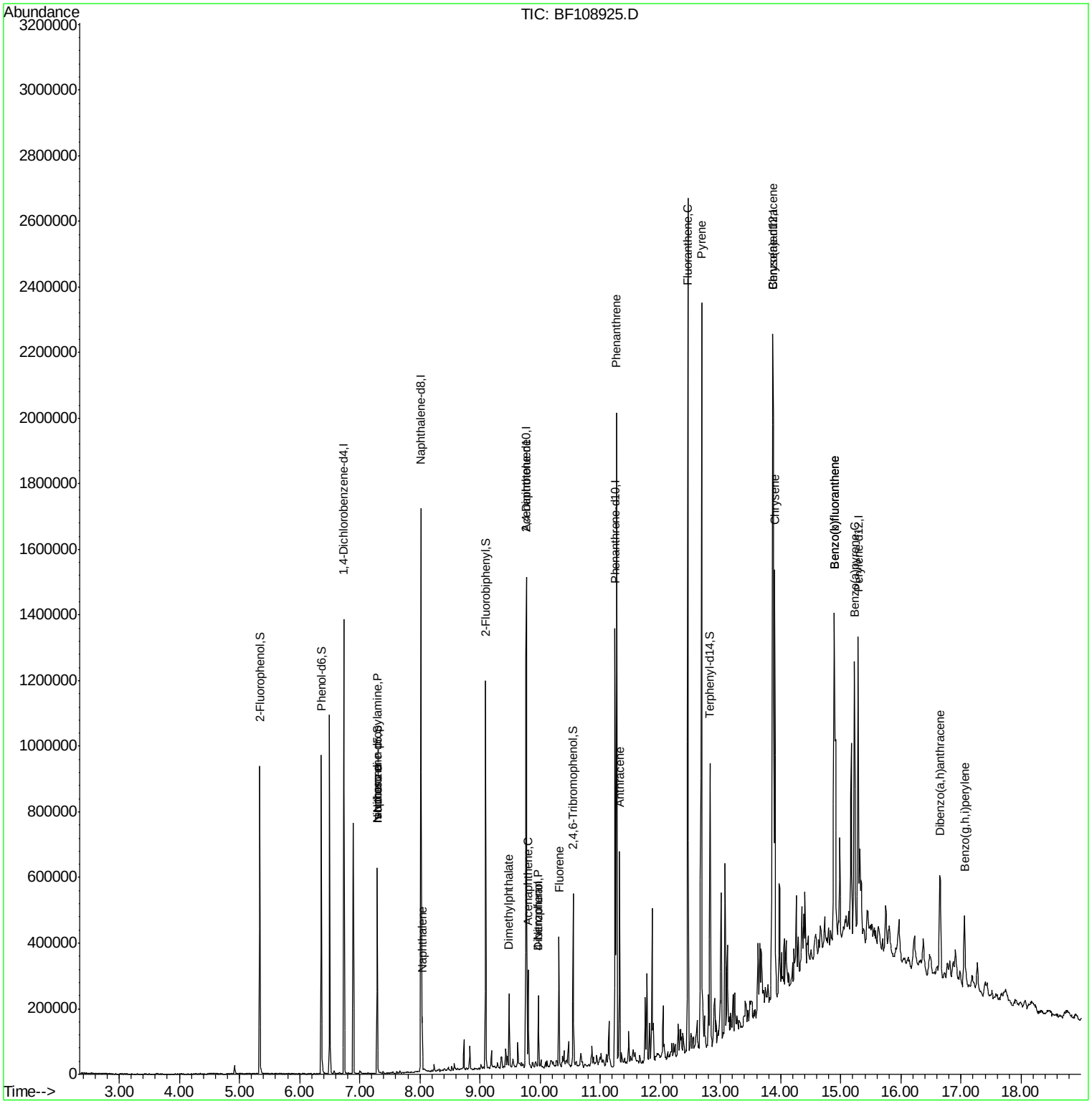
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\

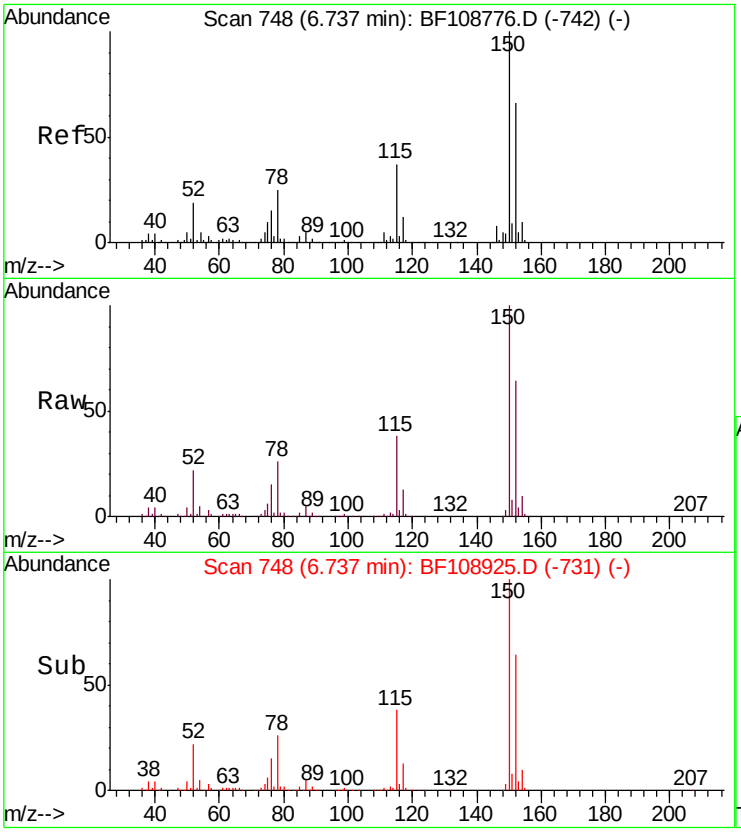
Quantitation Report (Not Reviewed)

Data File : BF108925.D
Acq On : 11 Sep 2018 8:21
Operator : JU/SJ
Sample : J4777-05DL 4X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Quant Time: Sep 11 08:48:31 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



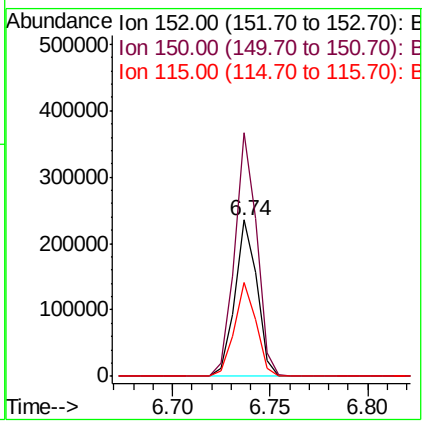


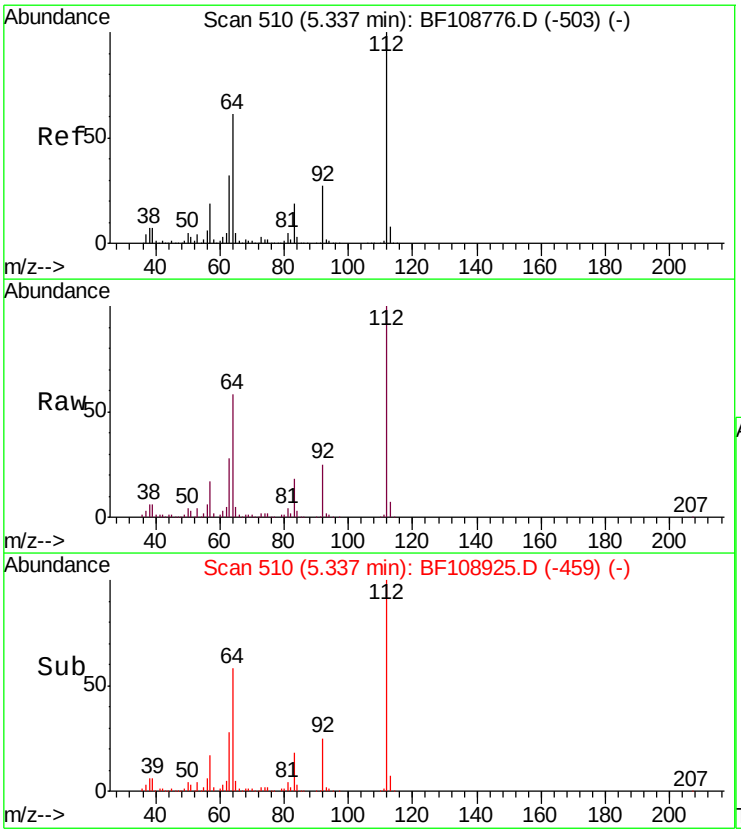
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:152 Resp: 184921

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.0	50.1	75.1

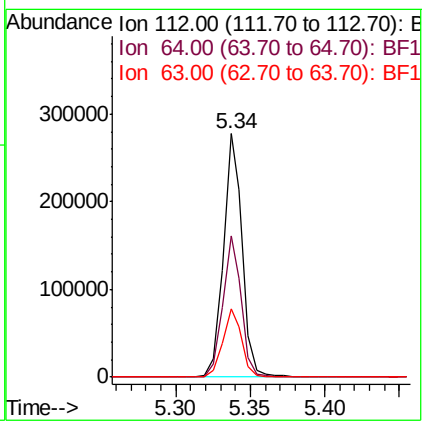


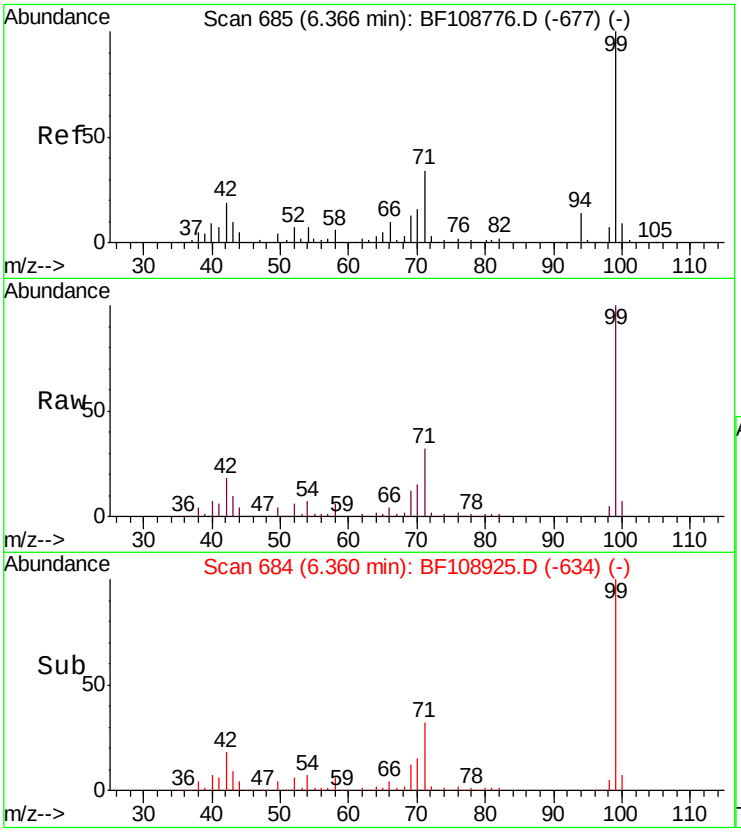


#5
2-Fluorophenol
Concen: 22.205 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:112 Resp: 247856

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.3	23.7	35.5



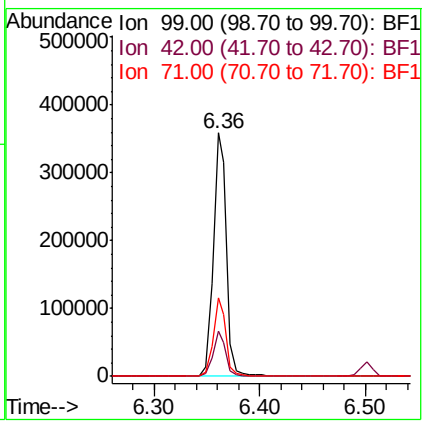


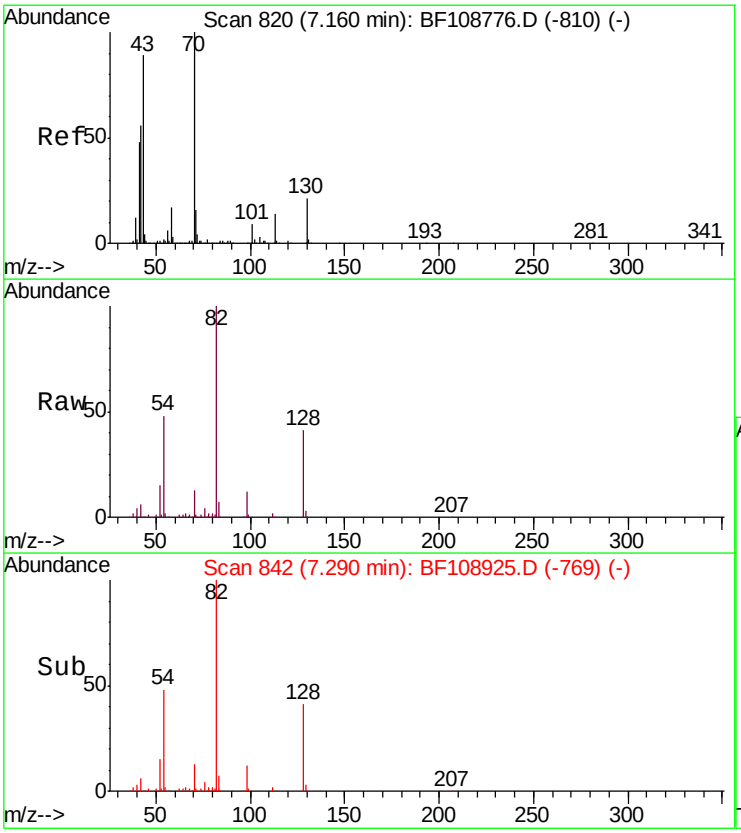
#7
Phenol-d6
Concen: 22.066 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion: 99 Resp: 316910

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.2	25.4	38.0

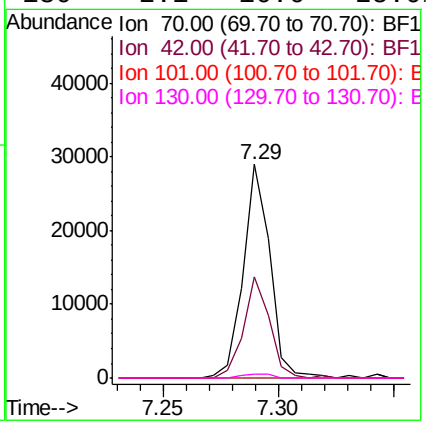


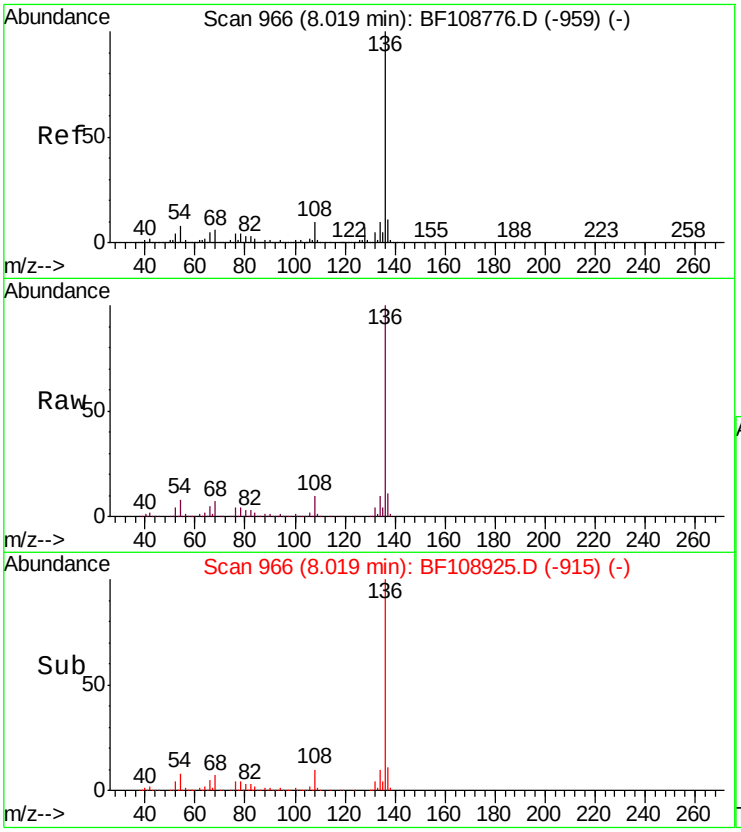


#19
n-Nitroso-di-n-propylamine
Concen: 2.354 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion: 70 Resp: 23500

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



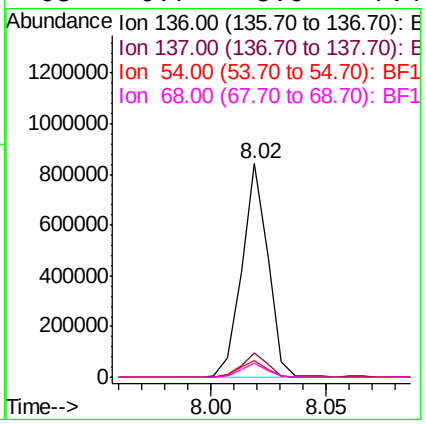


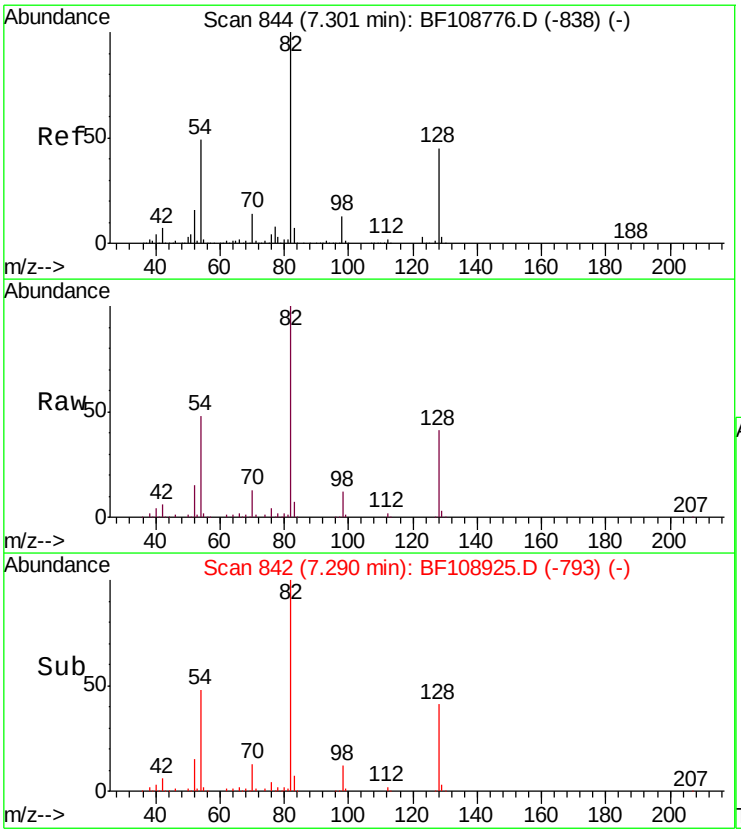
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:136 Resp: 663791

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.7	6.6	9.8
68	6.7	5.0	7.4

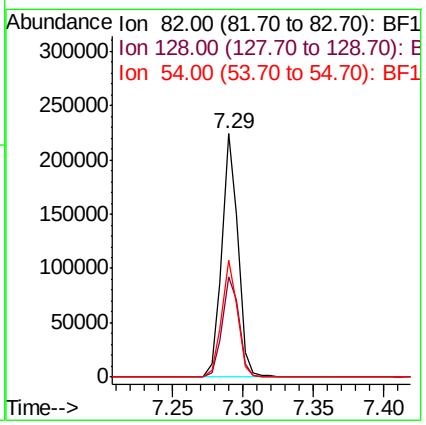


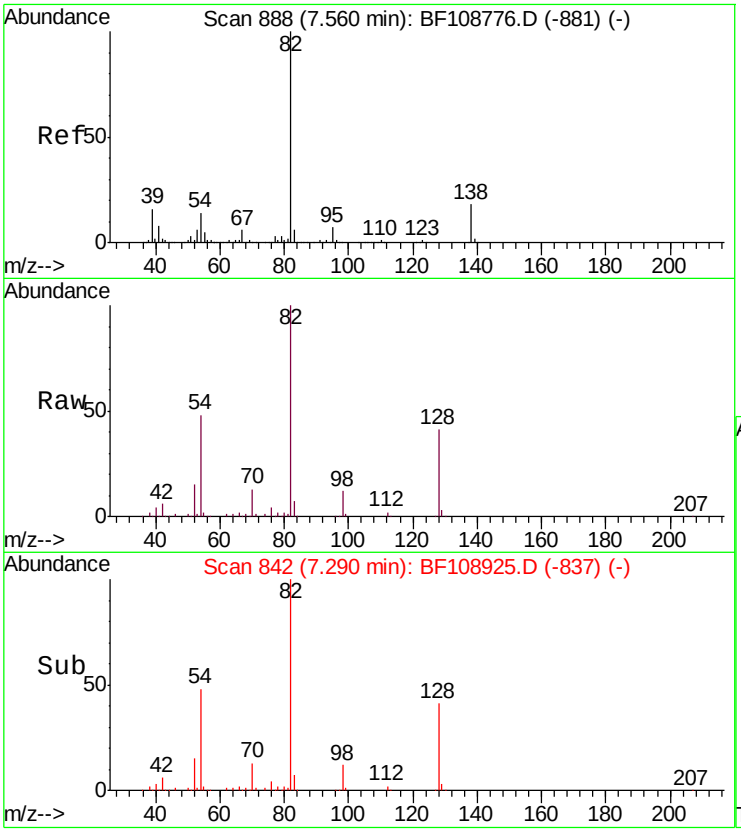


#23
Nitrobenzene-d5
Concen: 16.895 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion: 82 Resp: 179208

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	47.8	41.4	62.2



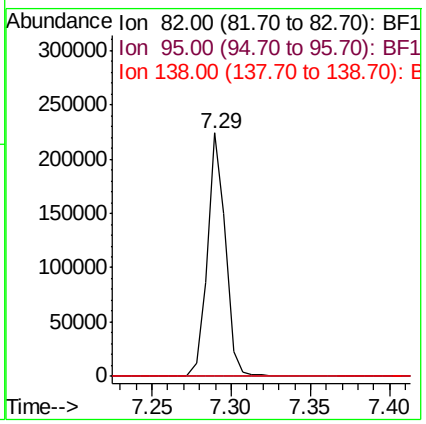


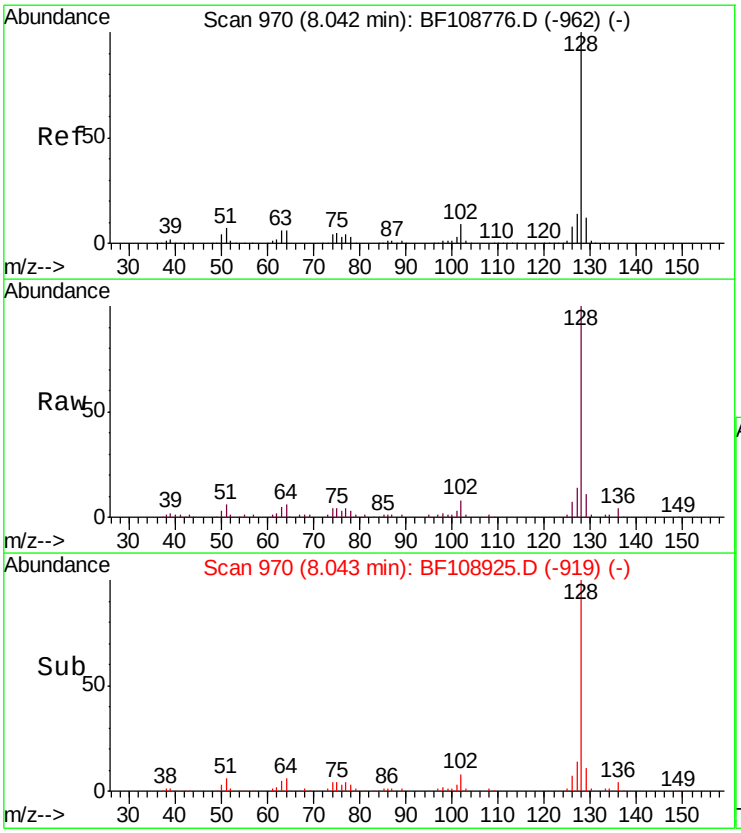
#25
Isophorone
Concen: 8.373 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion: 82 Resp: 177161

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

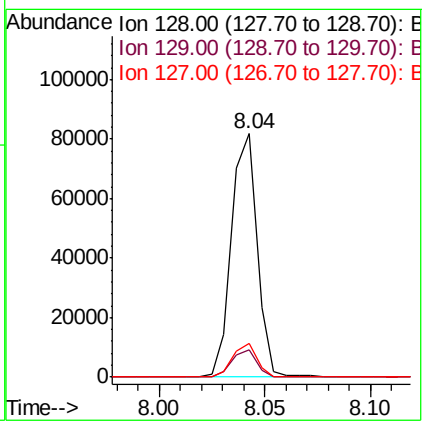


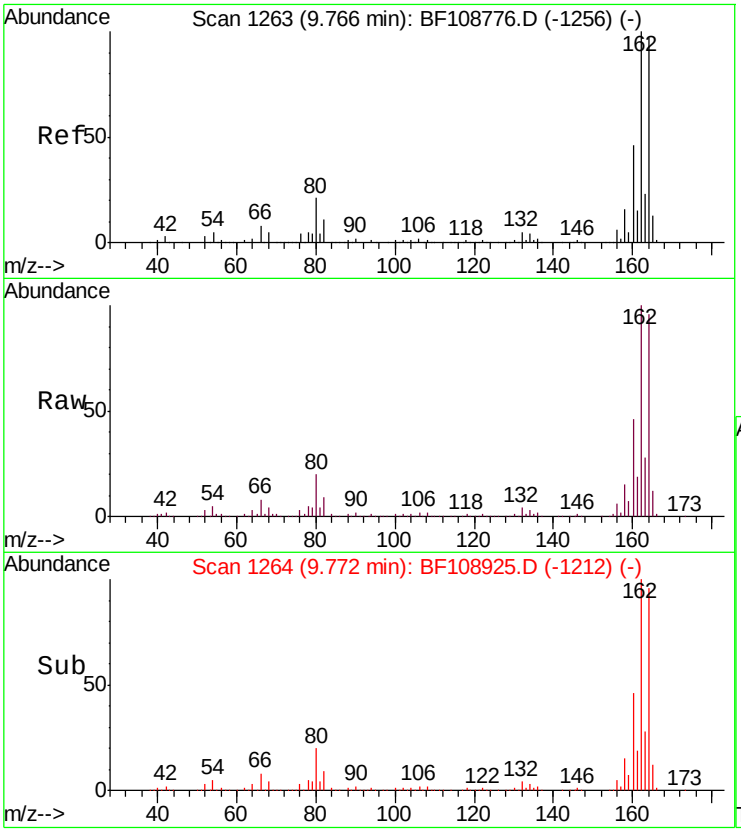


#31
Naphthalene
Concen: 2.299 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:128 Resp: 68659

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.9	16.3



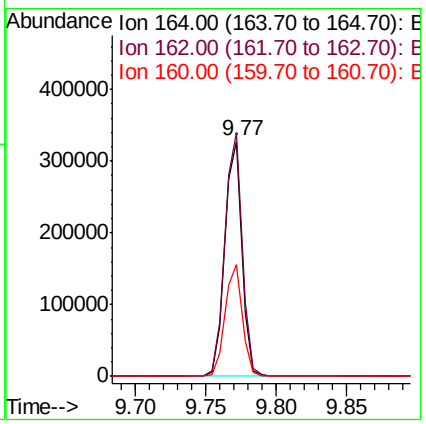


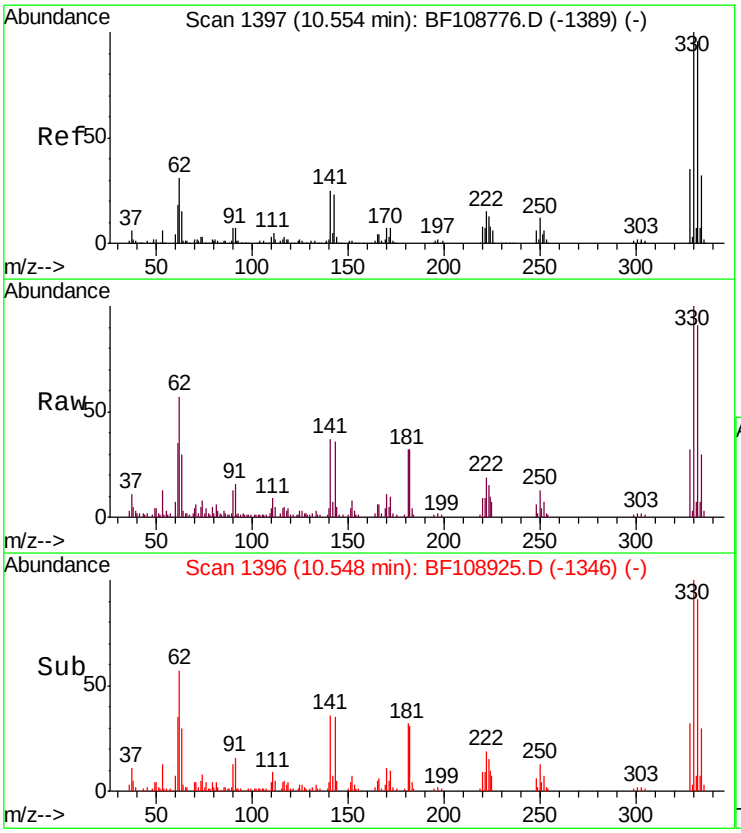
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:164 Resp: 275898

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.4	38.3	57.5

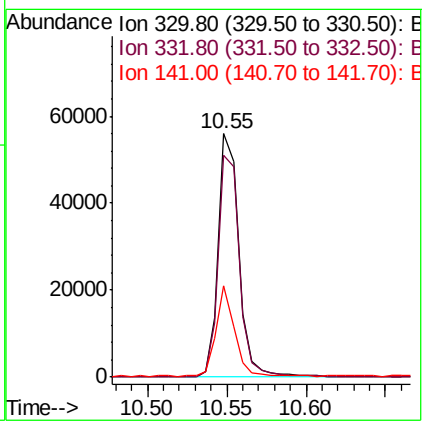


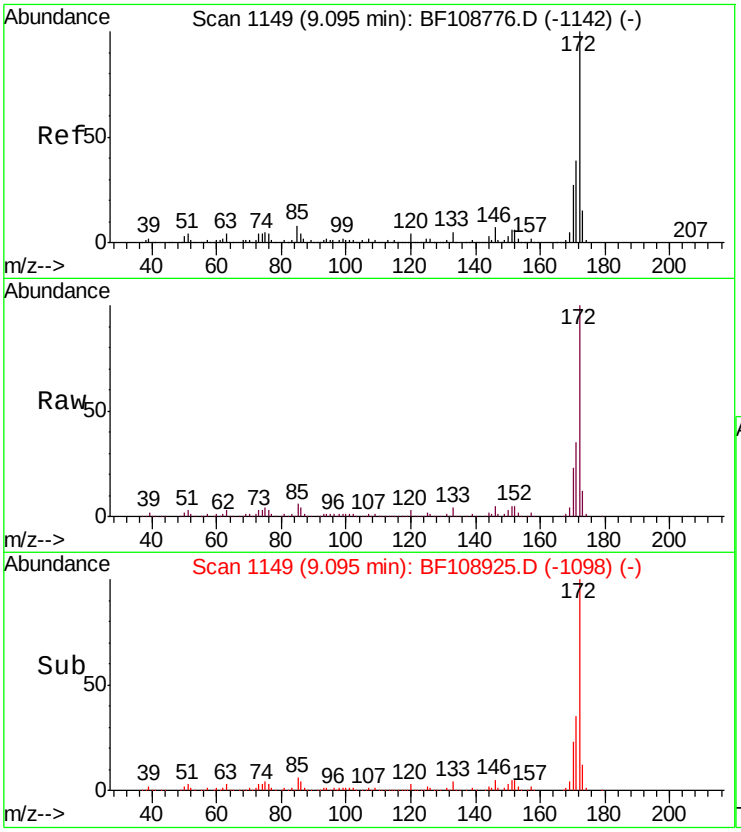


#41
2,4,6-Tribromophenol
Concen: 19.220 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:330 Resp: 50623

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	35.3	29.9	44.9



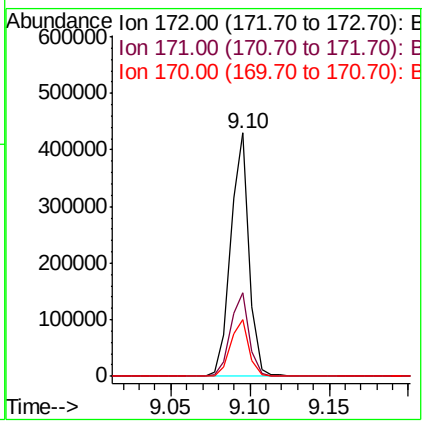


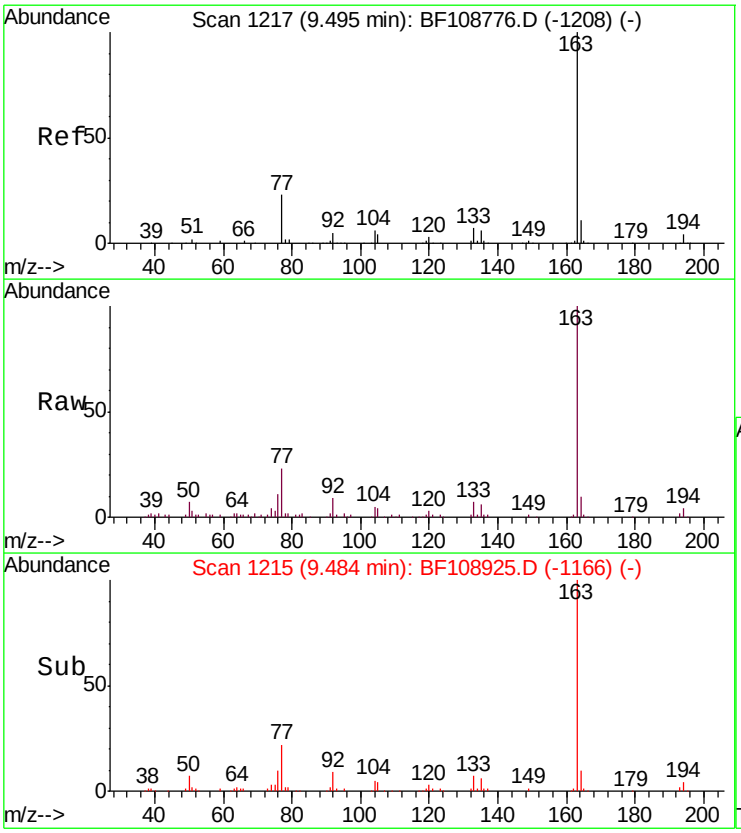
#44
2-Fluorobiphenyl
Concen: 21.257 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:172 Resp: 343769

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.3	19.6	29.4

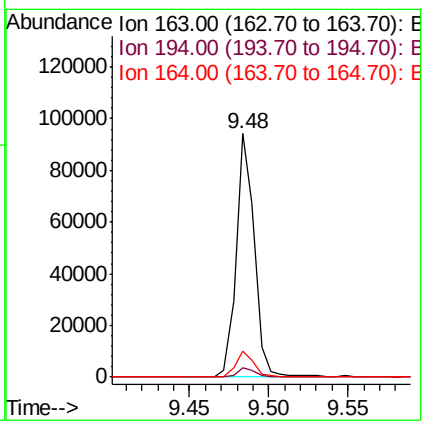


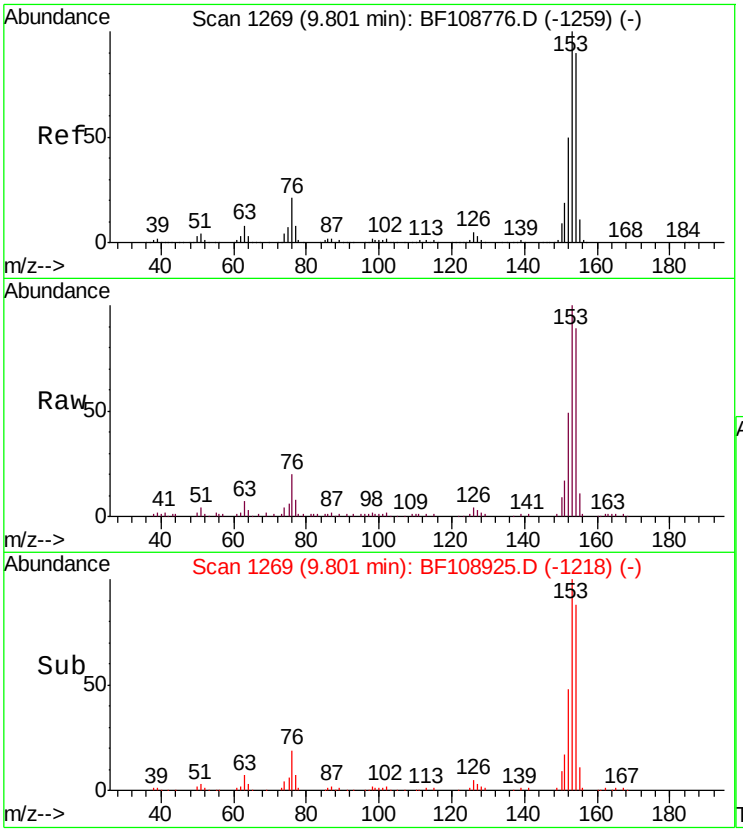


#49
Dimethylphthalate
Concen: 3.883 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:163 Resp: 74927

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2



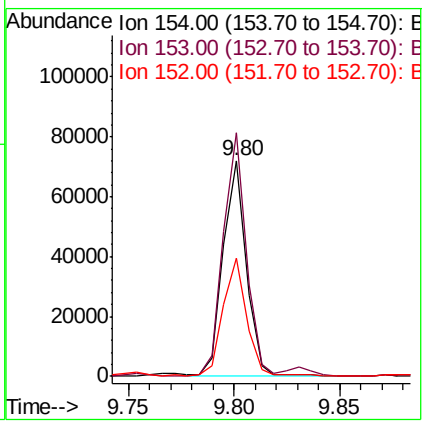


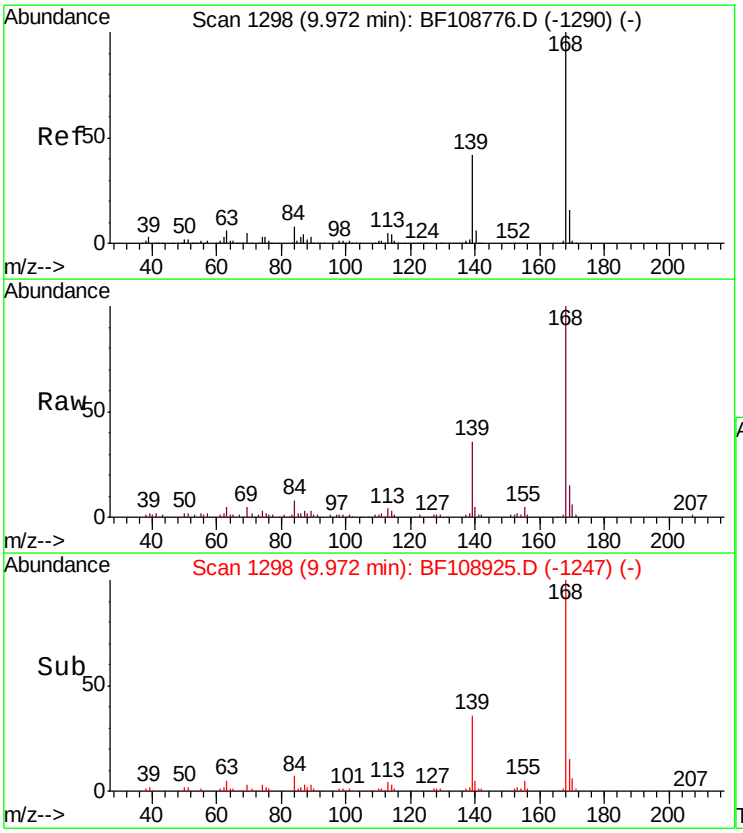
#51
Acenaphthene
Concen: 3.467 ng
RT: 9.80 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:154 Resp: 54934

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.7	43.8	65.8

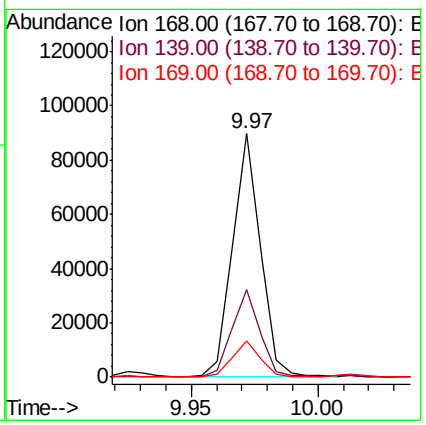


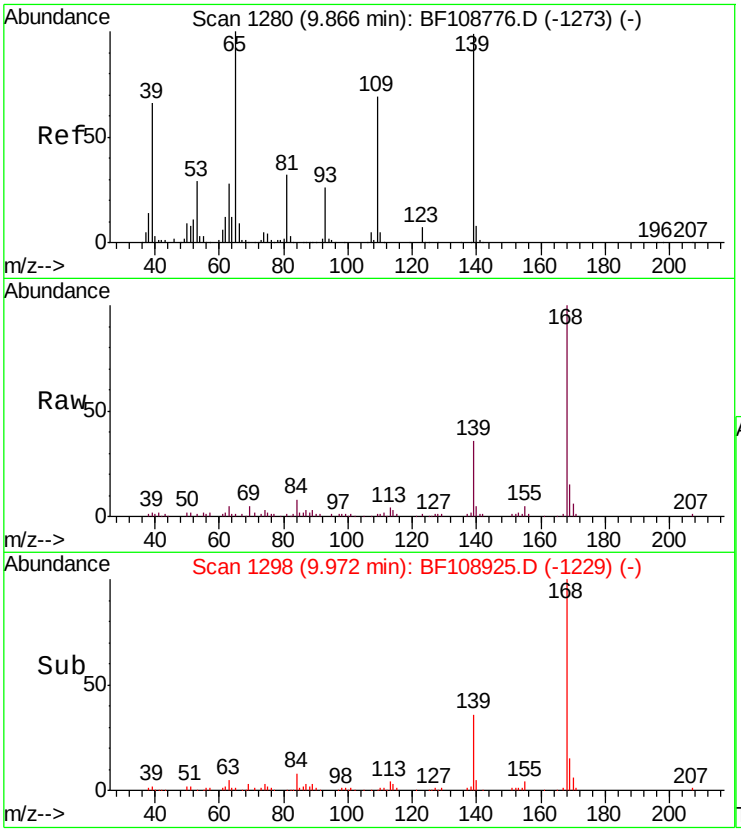


#54
Dibenzofuran
Concen: 2.963 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:168 Resp: 68428

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	15.0	10.9	16.3



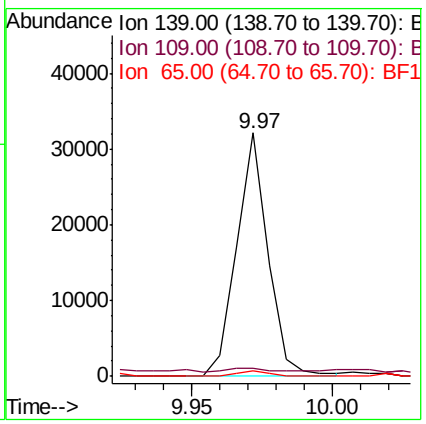


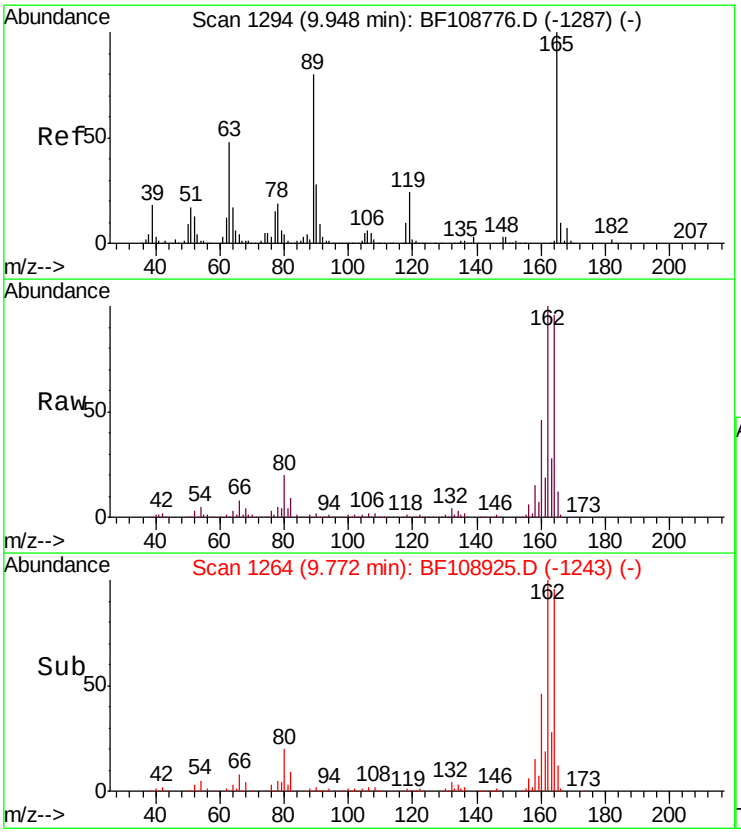
#55
4-Nitrophenol
Concen: 7.562 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.11 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:139 Resp: 24745

Ion	Ratio	Lower	Upper
139	100		
109	3.2	48.4	88.4#
65	2.4	72.6	112.6#

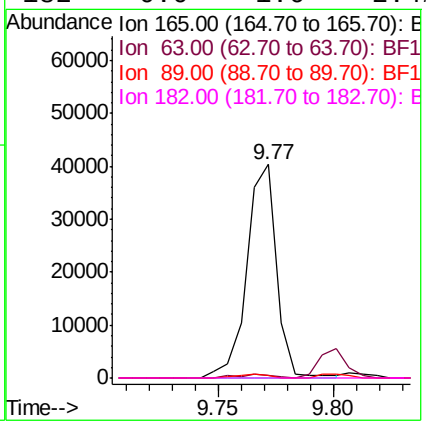


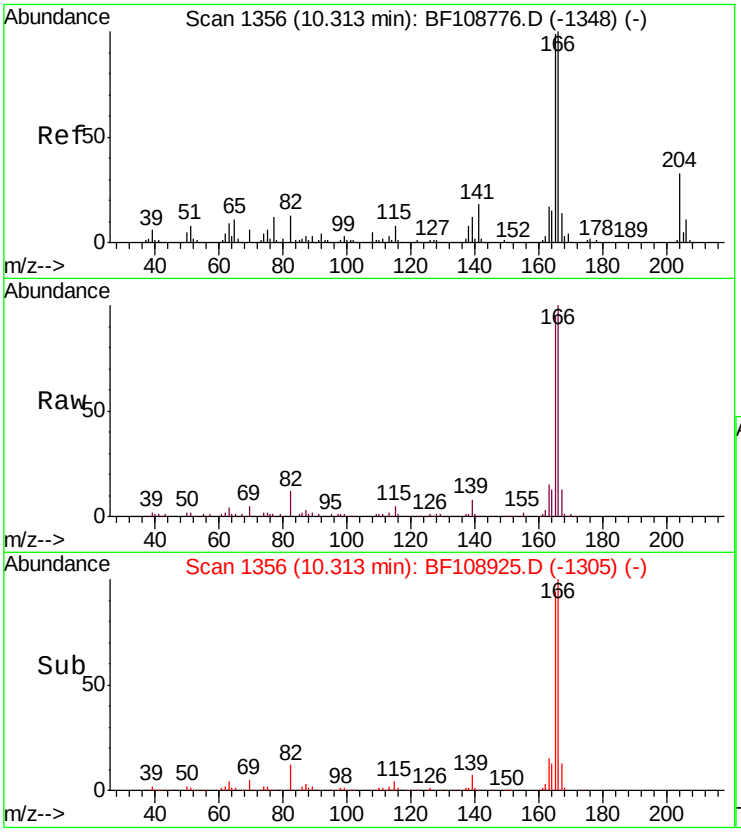


#56
2,4-Dinitrotoluene
Concen: 7.738 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:165 Resp: 36388

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



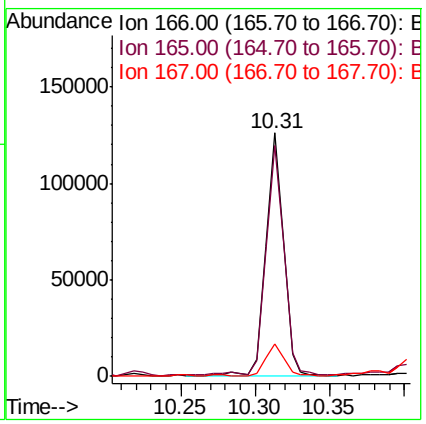


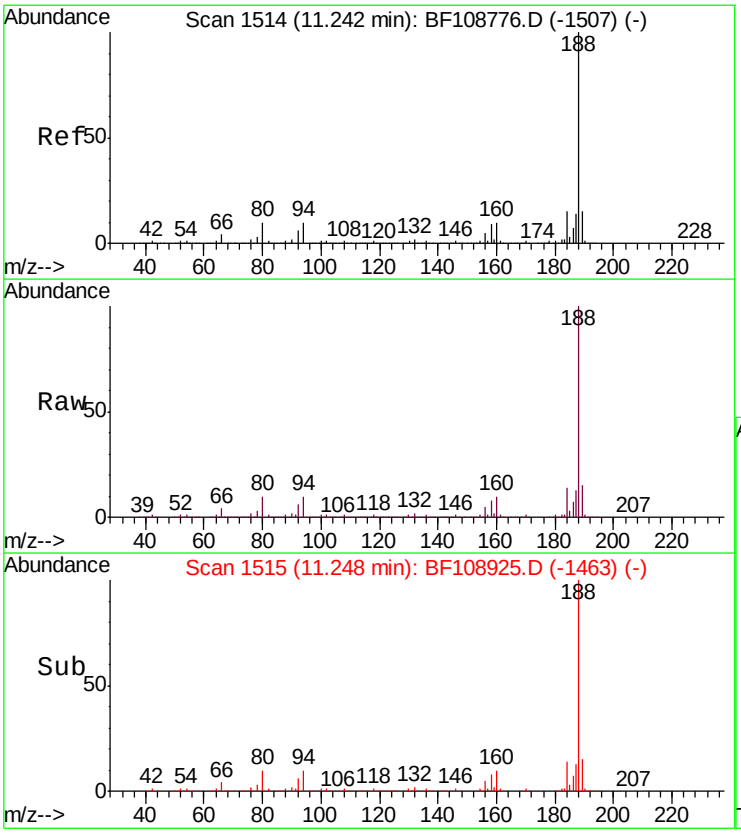
#57
Fluorene
Concen: 7.026 ng
RT: 10.31 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:166 Resp: 104143

Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.8	119.8
167	13.1	10.6	16.0

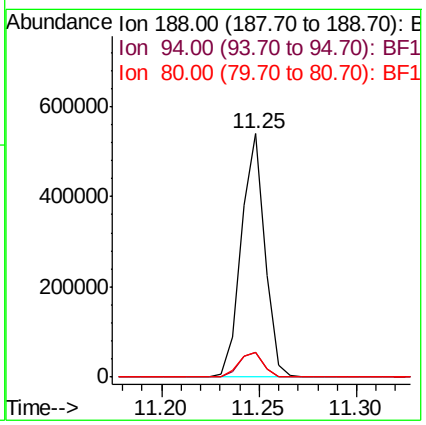


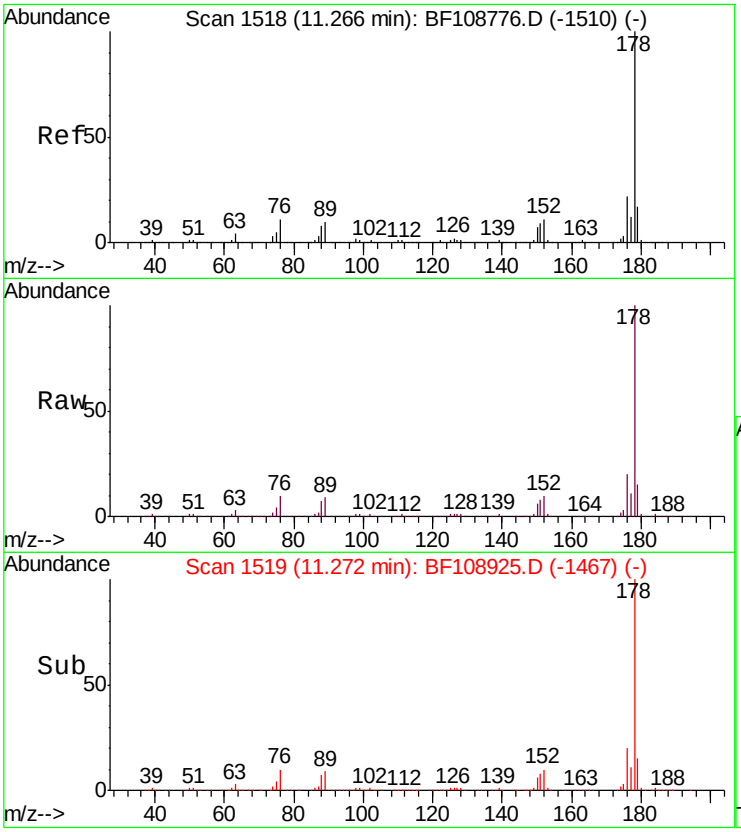


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:188 Resp: 450888

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.2	9.2	13.8



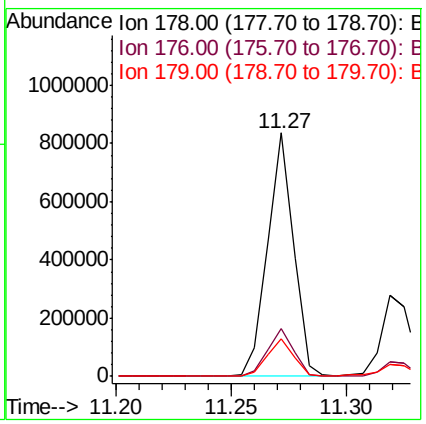


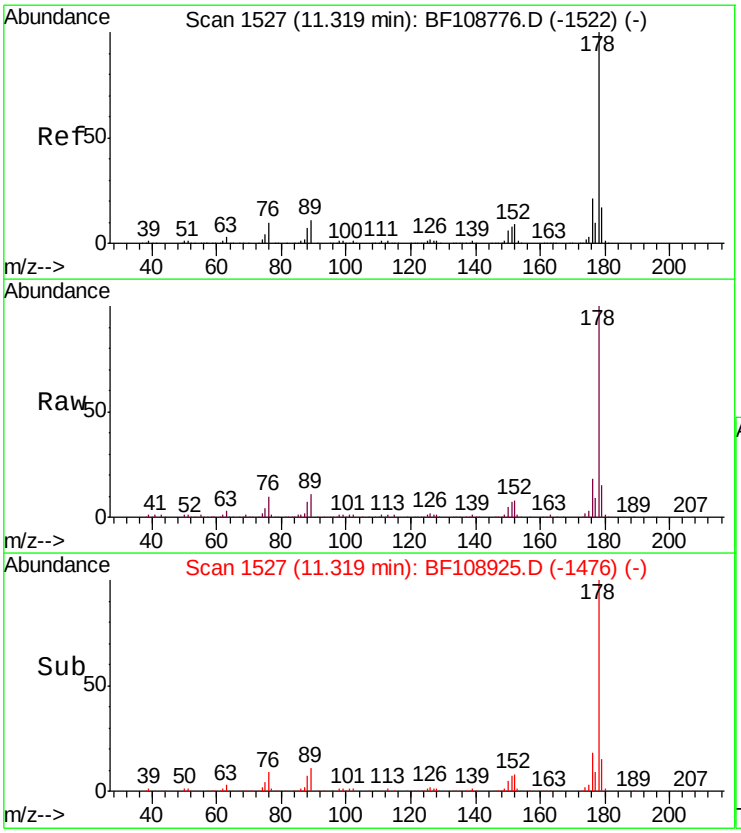
#70
Phenanthrene
Concen: 30.653 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:178 Resp: 660022

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6

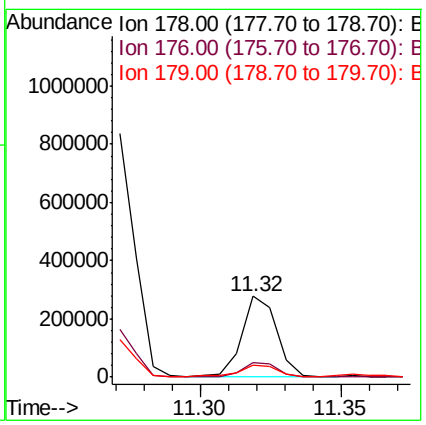


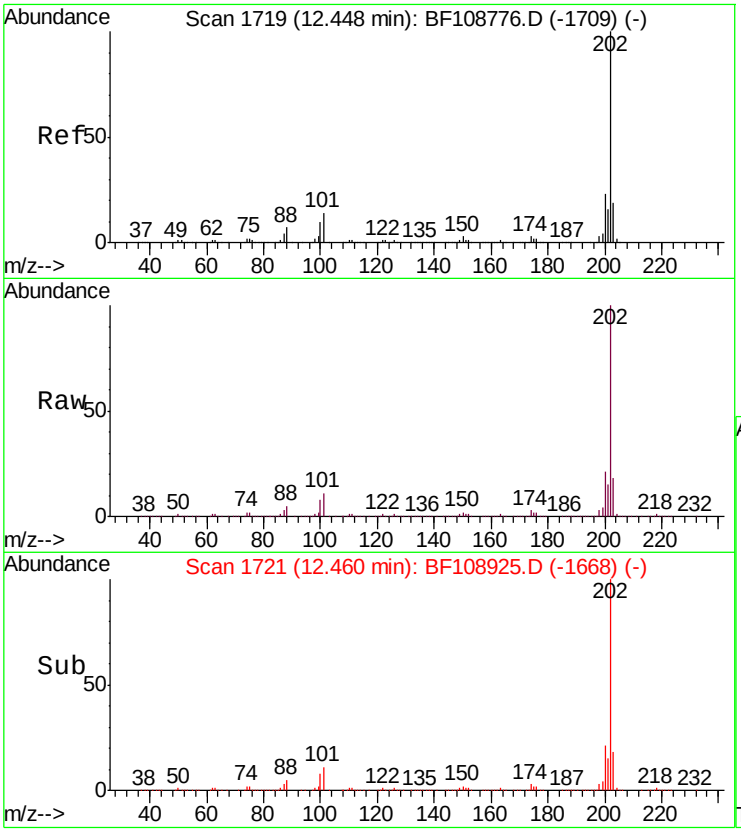


#71
Anthracene
Concen: 11.398 ng
RT: 11.32 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:178 Resp: 234982

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.3	12.6	19.0



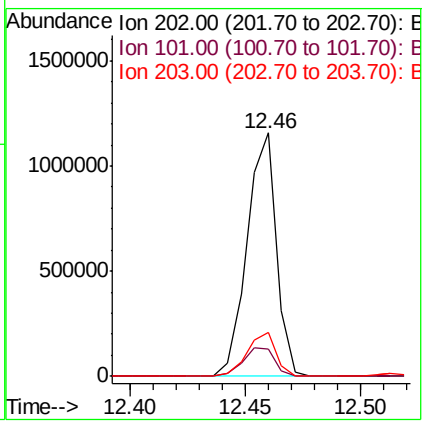


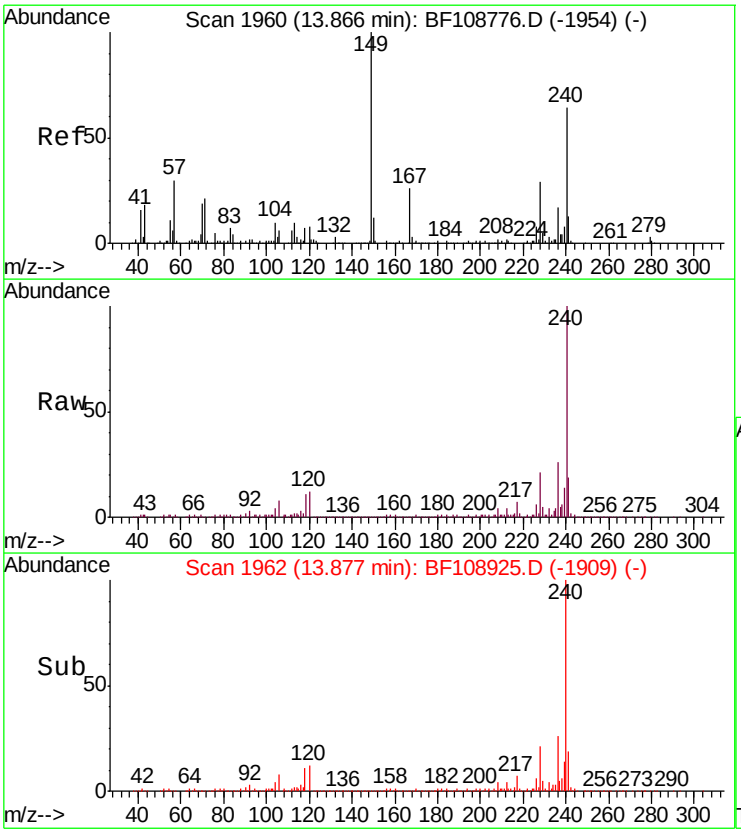
#74
Fluoranthene
Concen: 48.219 ng
RT: 12.46 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:202 Resp: 1027963

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.9	0.0	38.1

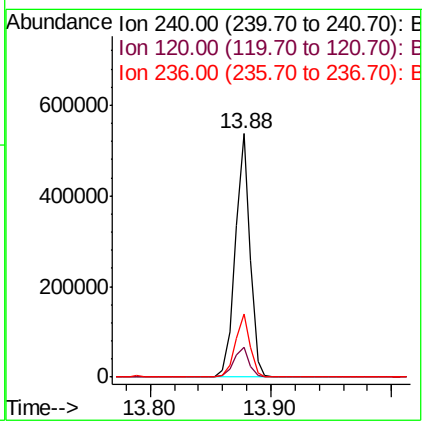


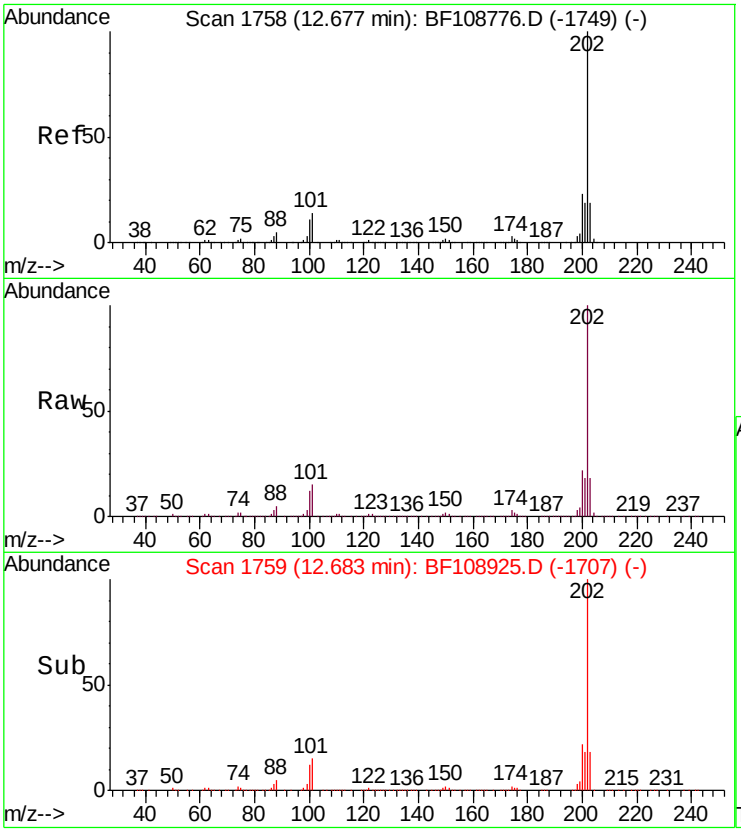


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:240 Resp: 454004

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.8	20.7	31.1



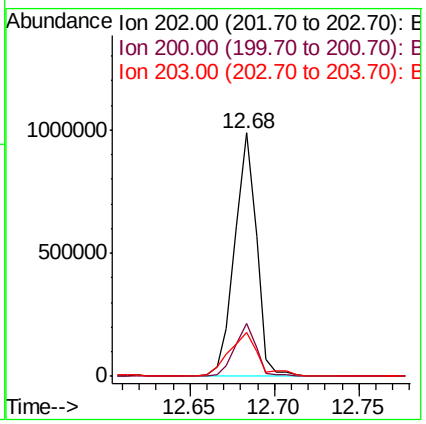


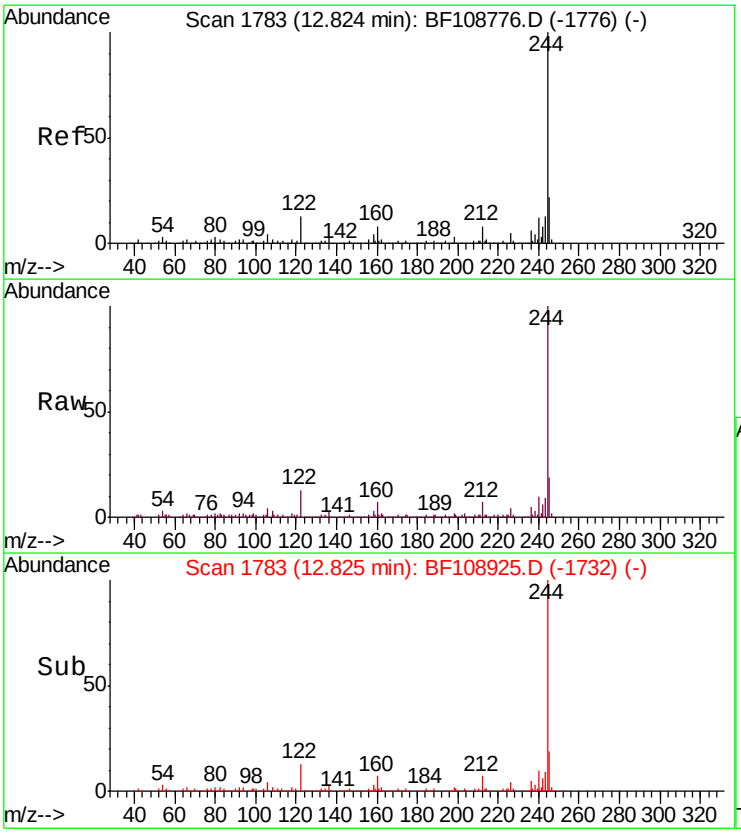
#77
Pyrene
Concen: 25.330 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:202 Resp: 884886

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.1	14.3	21.5

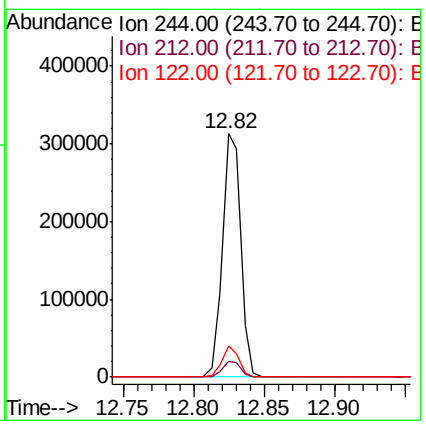


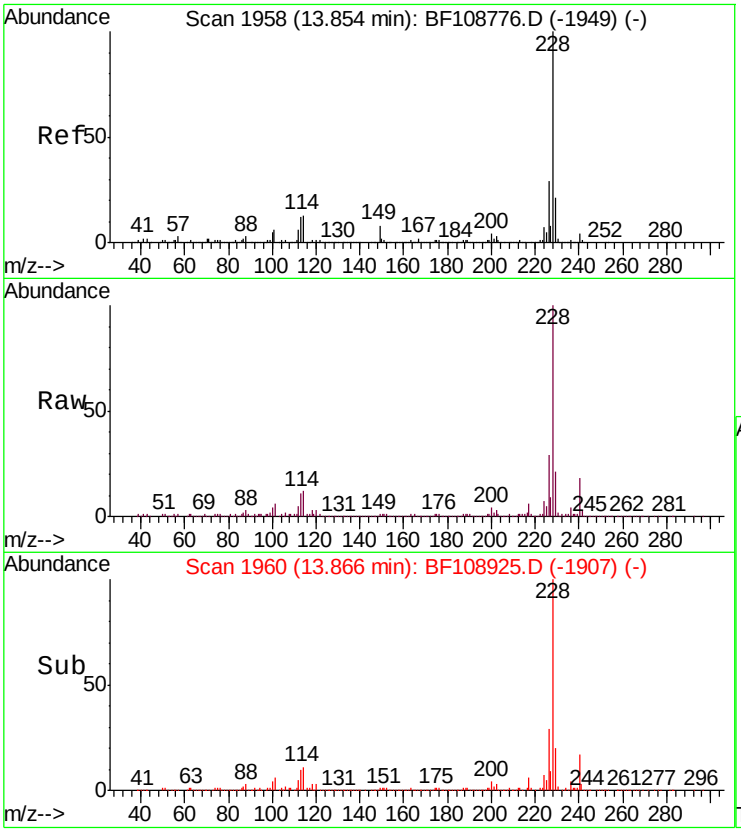


#78
Terphenyl-d14
Concen: 14.503 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:244 Resp: 282362

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.8	11.0	16.4



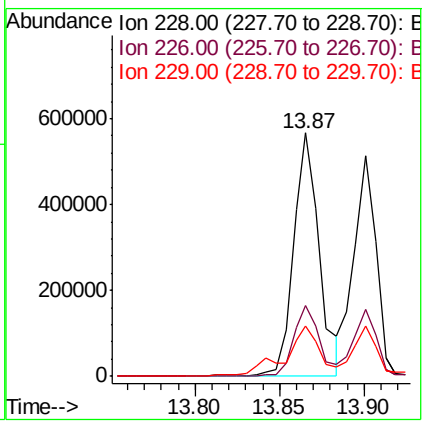


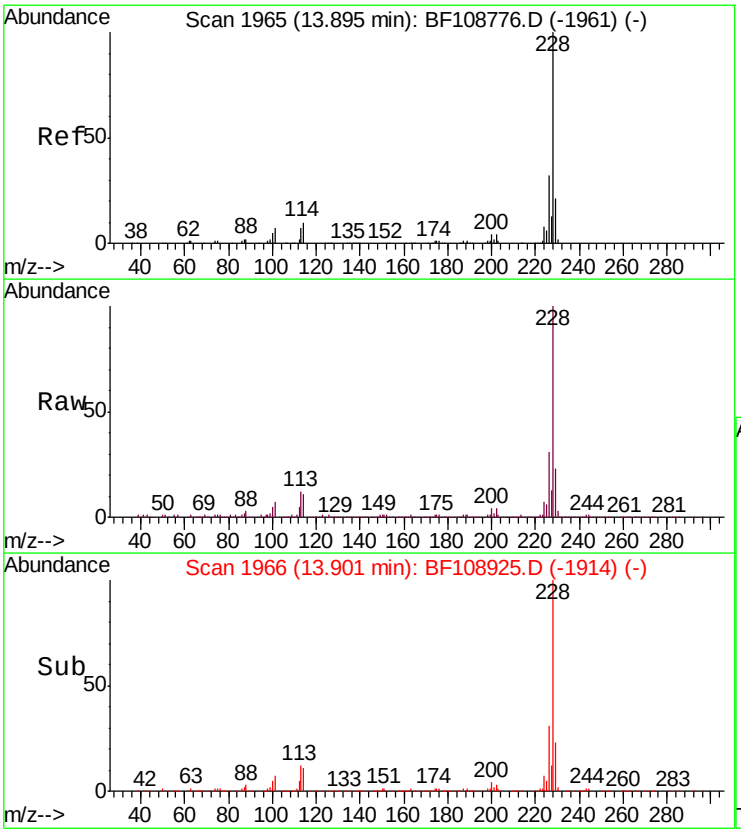
#80
Benzo(a)anthracene
Concen: 20.506 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Instrument :
BNA_F
ClientSampleId :
PL-05-090718-CDL

Tgt Ion:228 Resp: 596734

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.8	15.8	23.6





#82
Chrysene
Concen: 16.726 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108925.D
Acq: 11 Sep 2018 8:21

Tgt Ion:228 Resp: 471181

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.8	16.2	24.4