Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108939.D
Acq On : 11 Sep 2018 17:03
Operator : JU/SJ
Sample : J4838-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 17:49:22 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	181459	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	701884	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	312101	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	521169	20.00	ng		0.00
75) Chrysene-d12	13.87	240	418316	20.00	ng		0.00
86) Perylene-d12	15.28	264	495517	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	359381	32.81	ng		0.00
7) Phenol-d6	6.36	99	467157	33.15	ng		0.00
23) Nitrobenzene-d5	7.29	82	284494	25.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	88551	29.72	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	489273	26.74	ng		0.00
78) Terphenyl-d14	12.82	244	340879	19.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	37450	3.823	ng	#	76
25) Isophorone	7.29	82	281753	12.594	ng	#	64
49) Dimethylphthalate	9.48	163	160048	7.332	ng		99
56) 2,4-Dinitrotoluene	9.77	165	39256	7.380	ng	#	23
70) Phenanthrene	11.27	178	52427	2.107	ng		98
74) Fluoranthene	12.45	202	84503	3.429	ng		98
77) Pyrene	12.68	202	75944	2.359	ng		98
87) Benzo(b)fluoranthene	14.88	252	80245	2.978	ng	#	95
88) Benzo(k)fluoranthene	14.88	252	80245	3.234	ng		98

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

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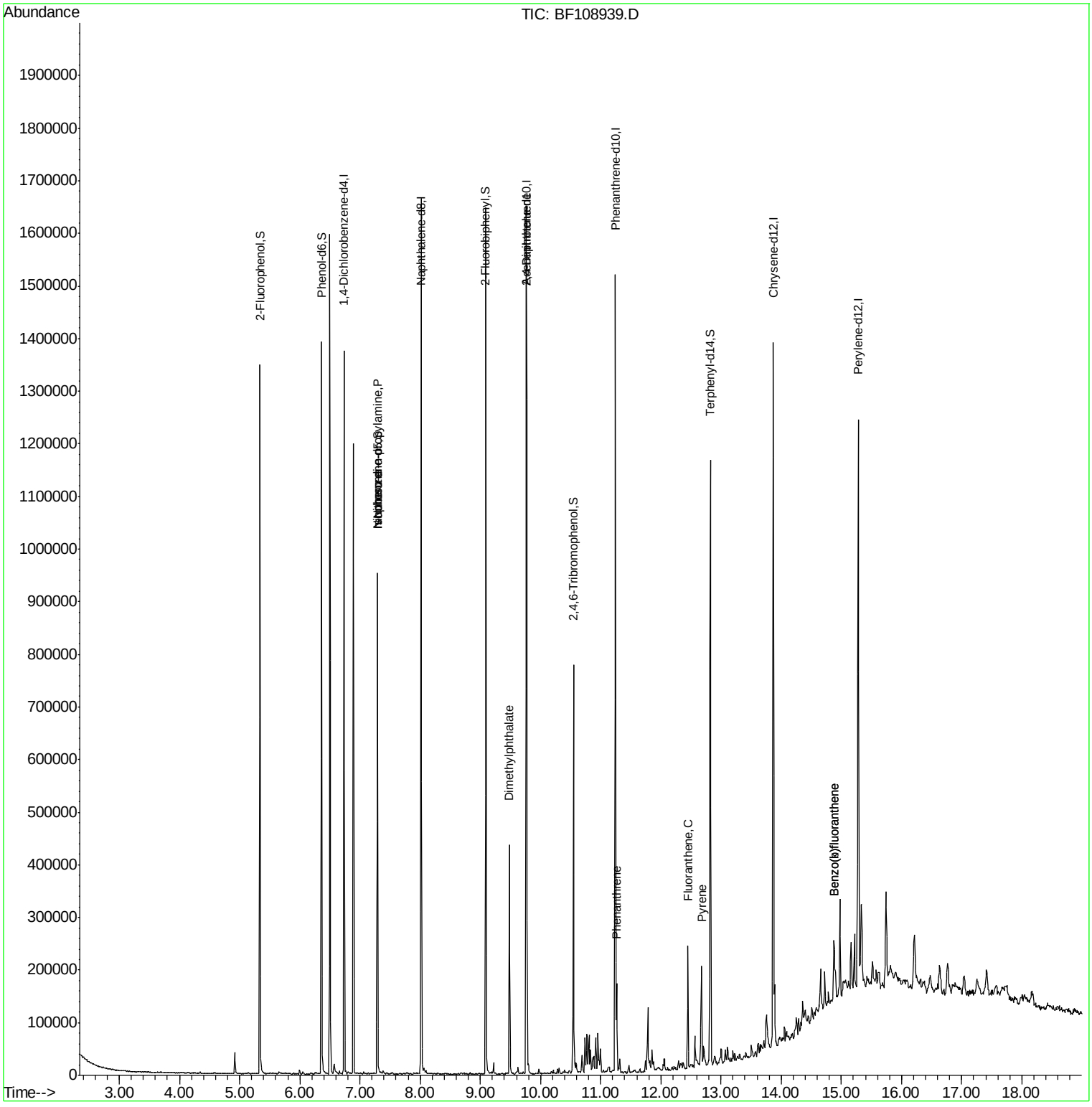
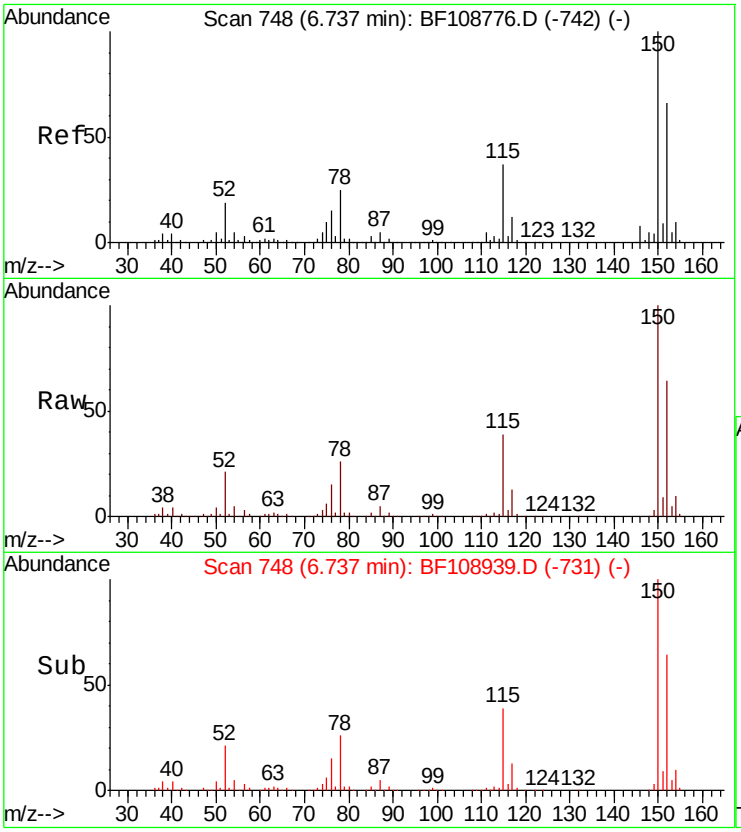


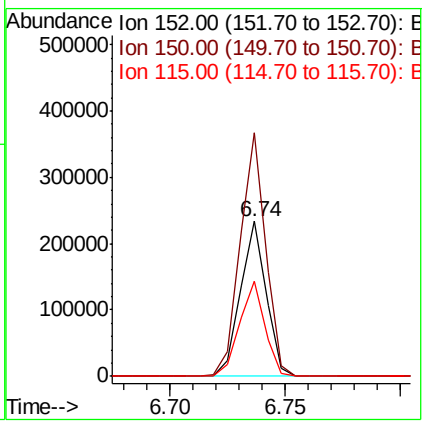


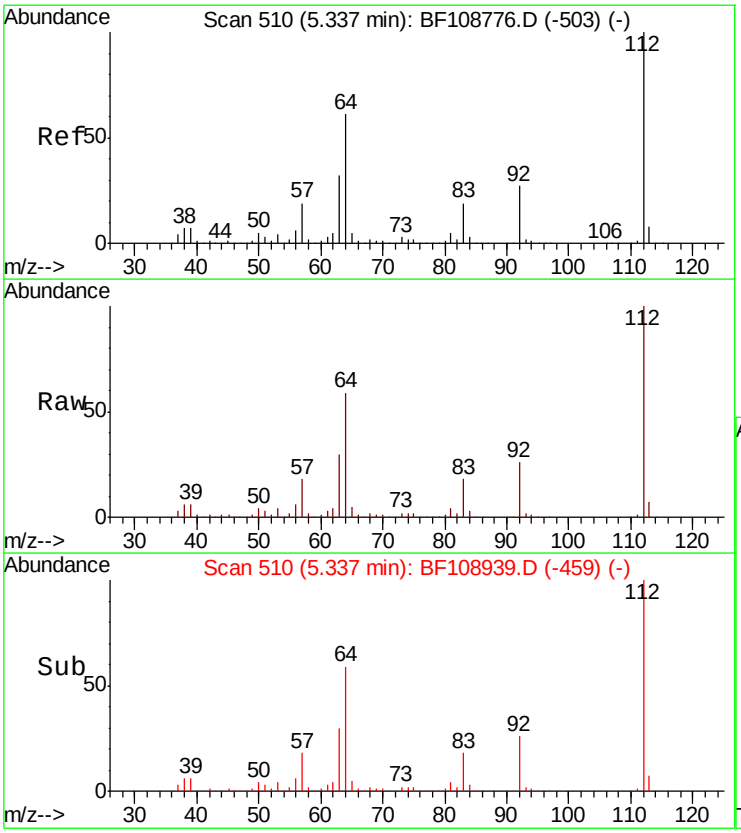
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 181459

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	61.3	50.1	75.1

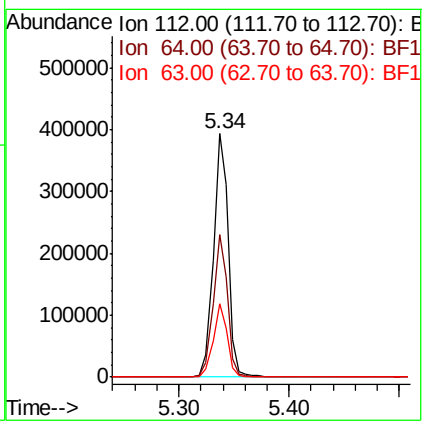


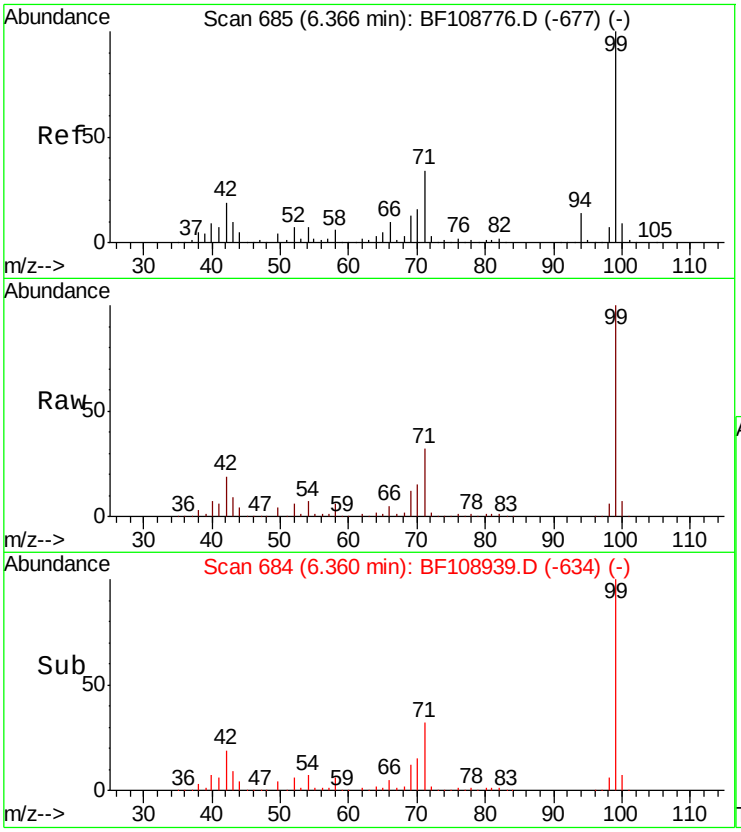


#5
2-Fluorophenol
Concen: 32.810 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:112 Resp: 359381

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.0	23.7	35.5



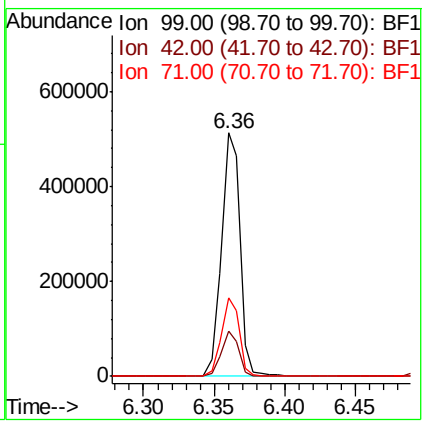


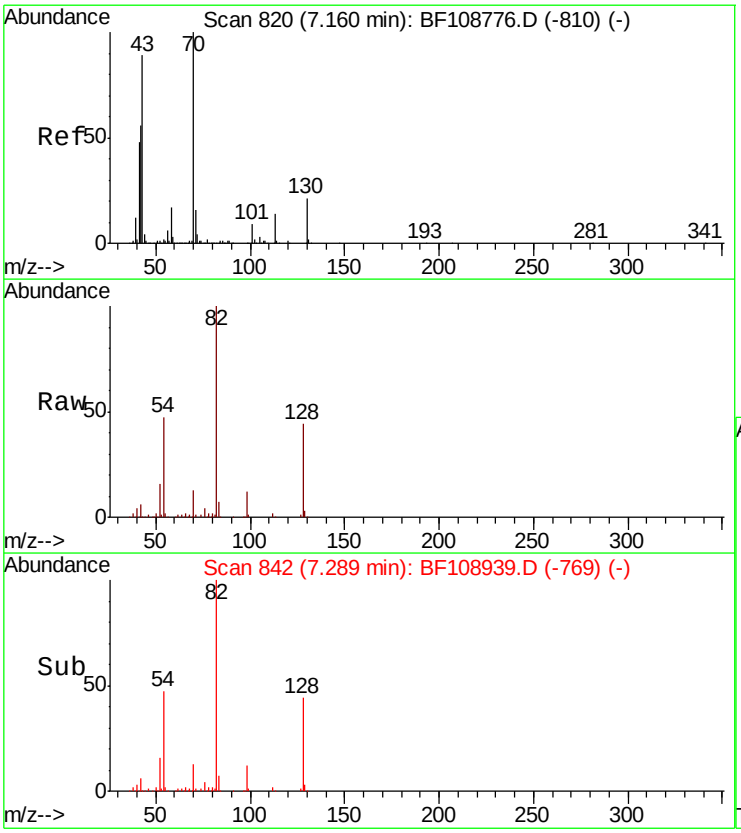
#7
Phenol-d6
Concen: 33.148 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 467157

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	32.5	25.4	38.0

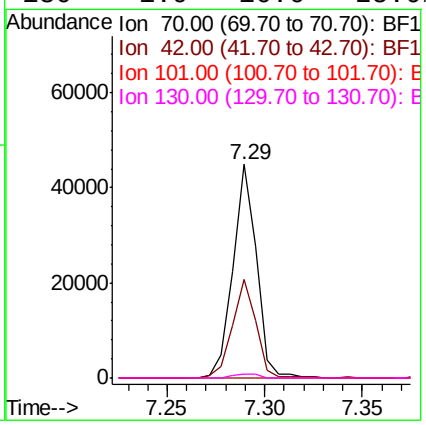


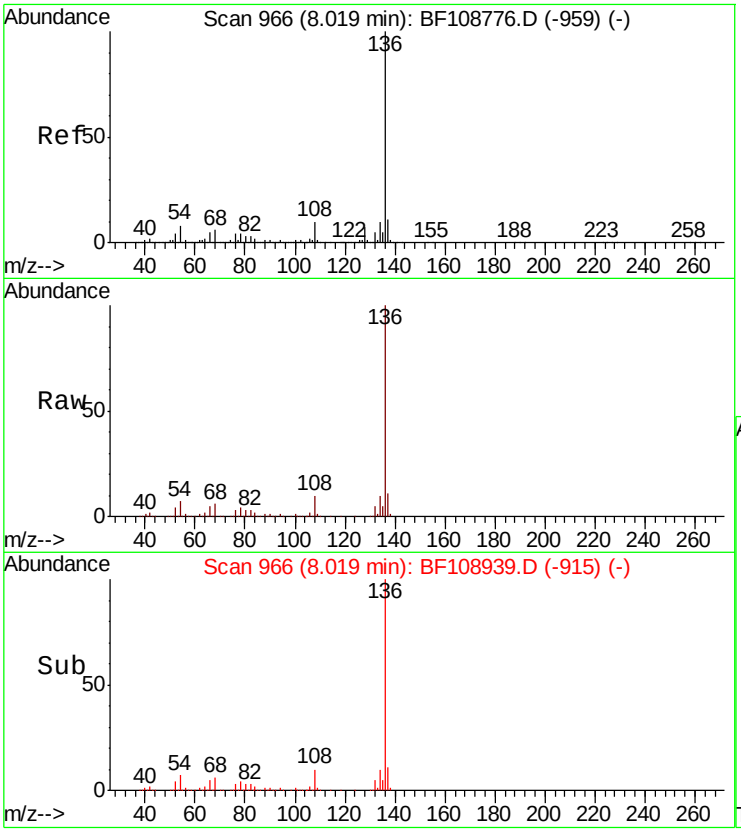


#19
n-Nitroso-di-n-propylamine
Concen: 3.823 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion: 70 Resp: 37450

Ion	Ratio	Lower	Upper
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



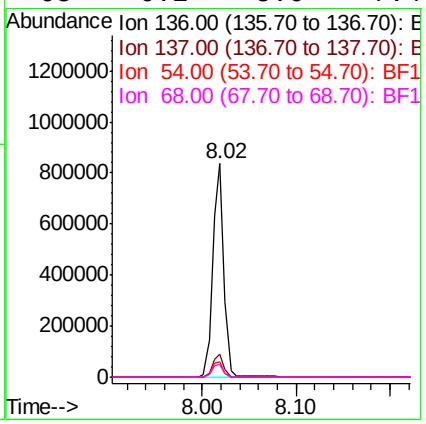


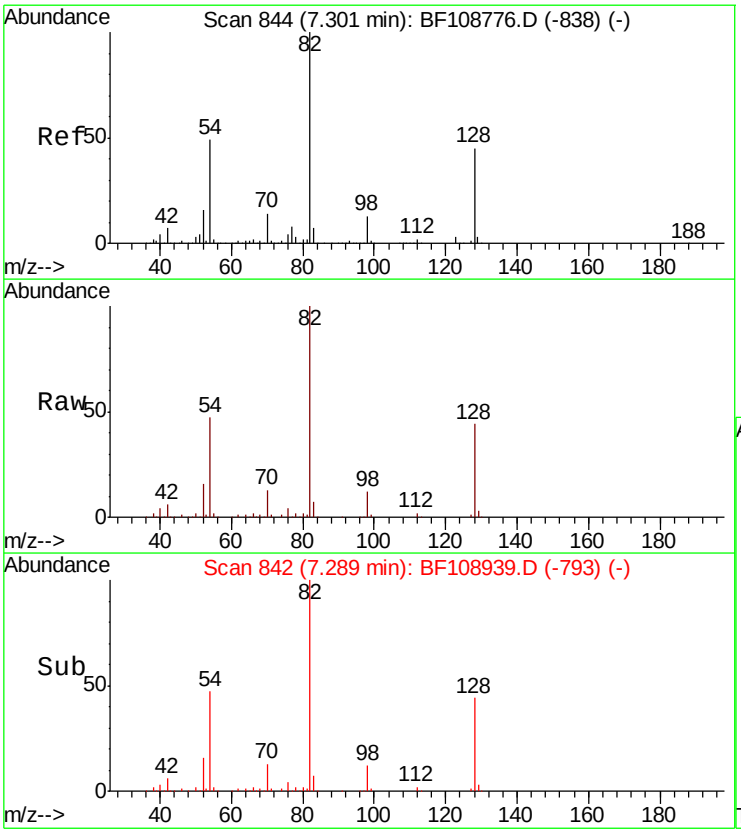
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 701884

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

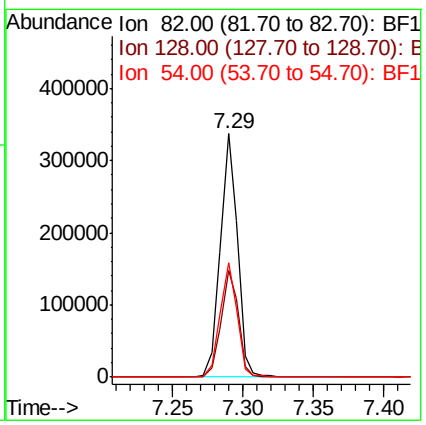


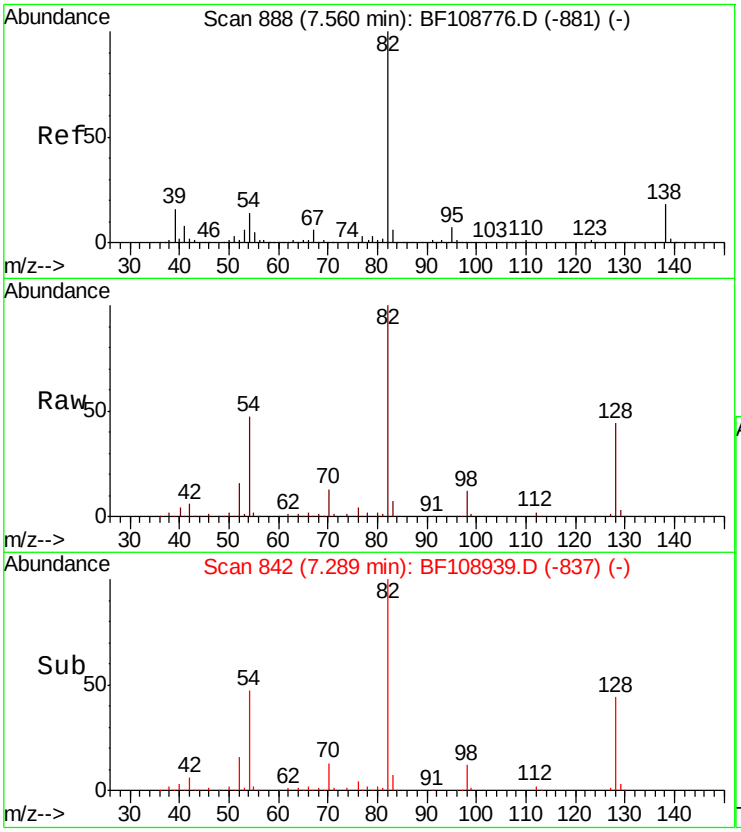


#23
Nitrobenzene-d5
Concen: 25.366 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion: 82 Resp: 284494

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	47.1	41.4	62.2



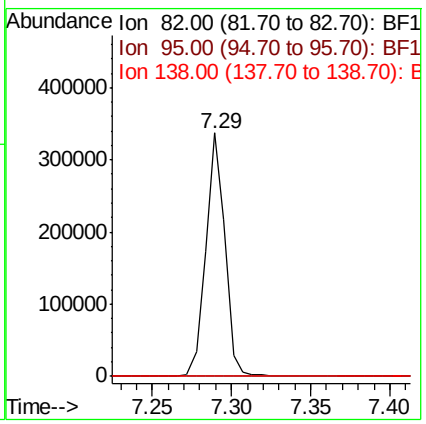


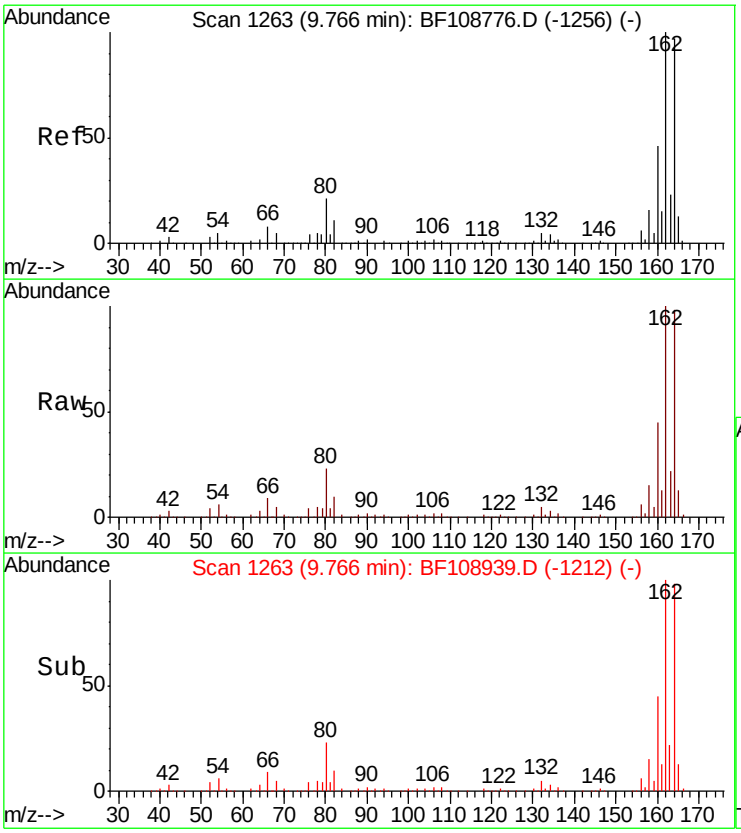
#25
Isophorone
Concen: 12.594 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 281753

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

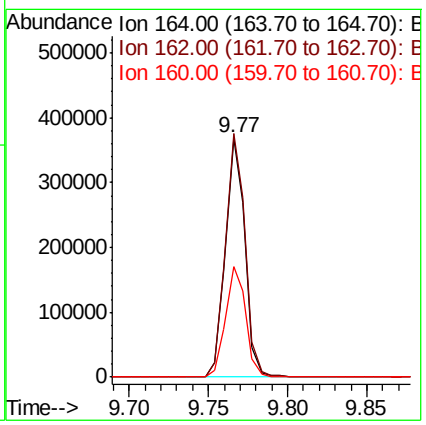


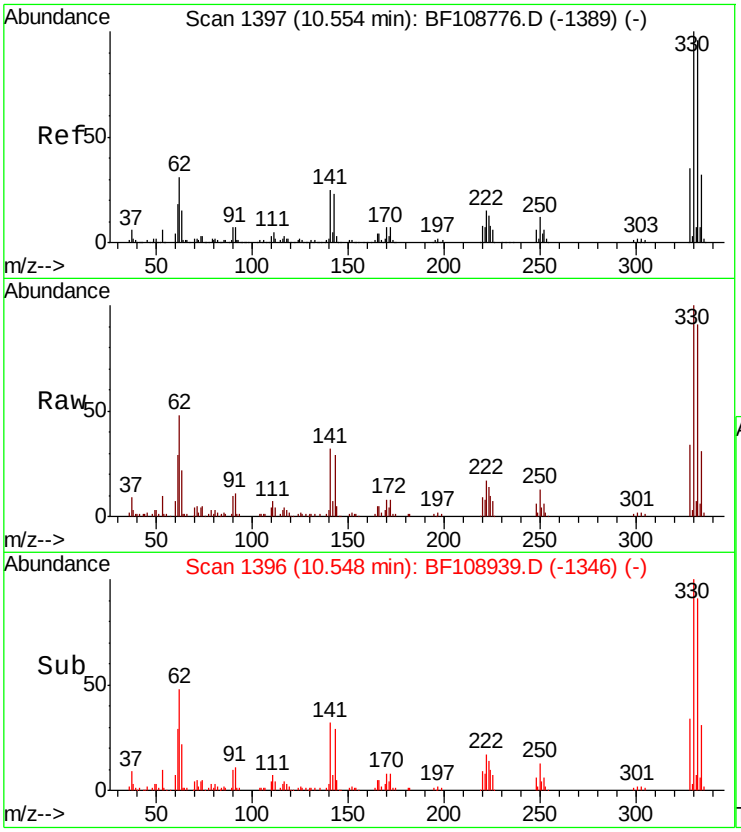


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:164 Resp: 312101

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.2	38.3	57.5



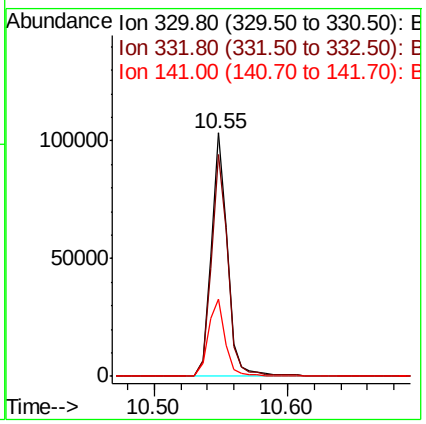


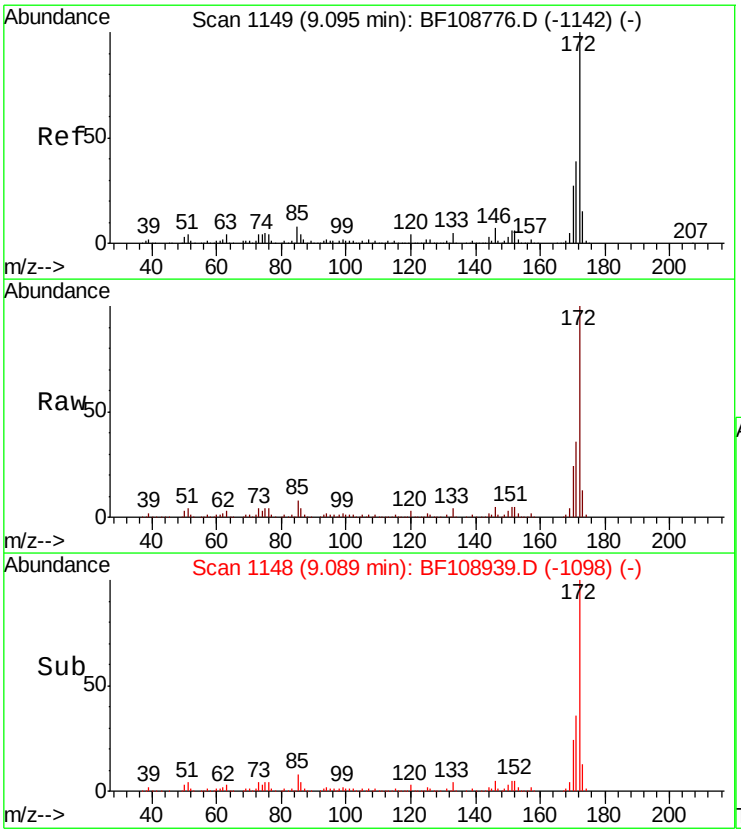
#41
2,4,6-Tribromophenol
Concen: 29.720 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 88551

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	32.4	29.9	44.9

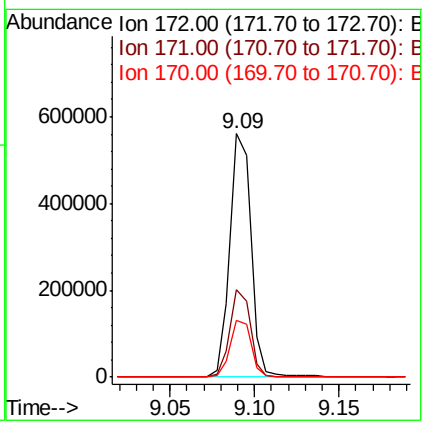


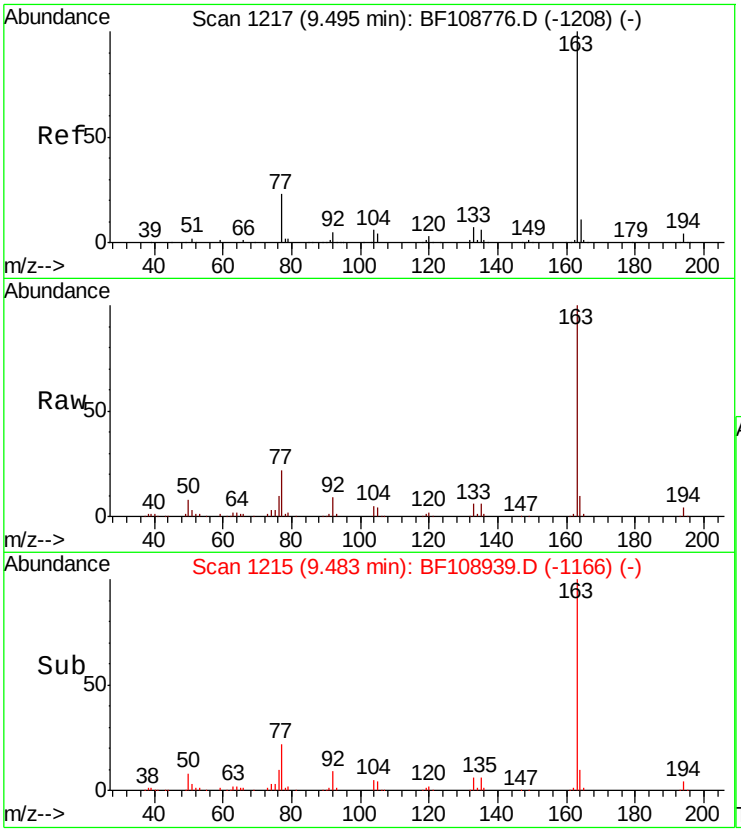


#44
2-Fluorobiphenyl
Concen: 26.744 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:172 Resp: 489273

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



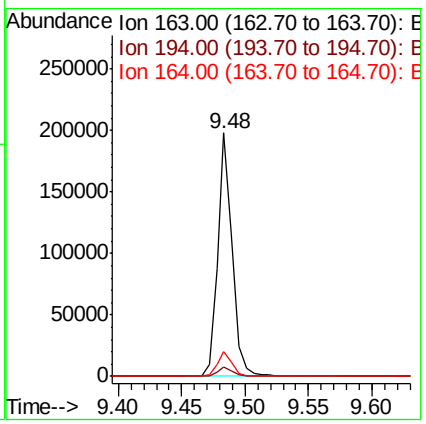


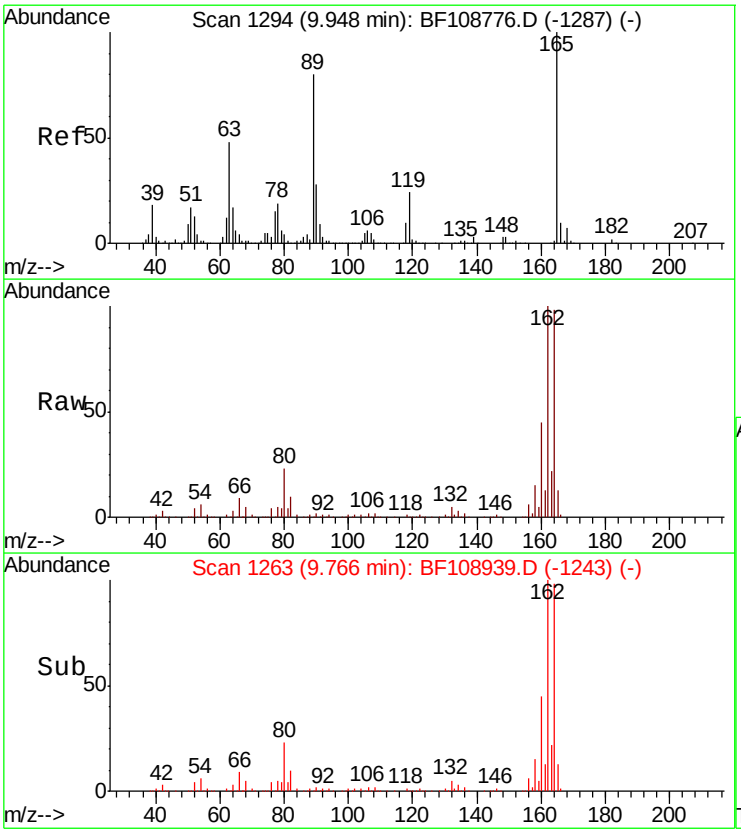
#49
Dimethylphthalate
Concen: 7.332 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 160048

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

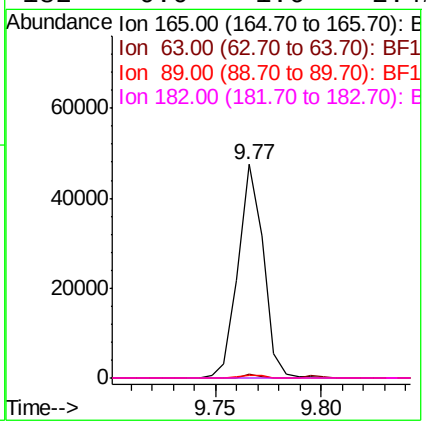


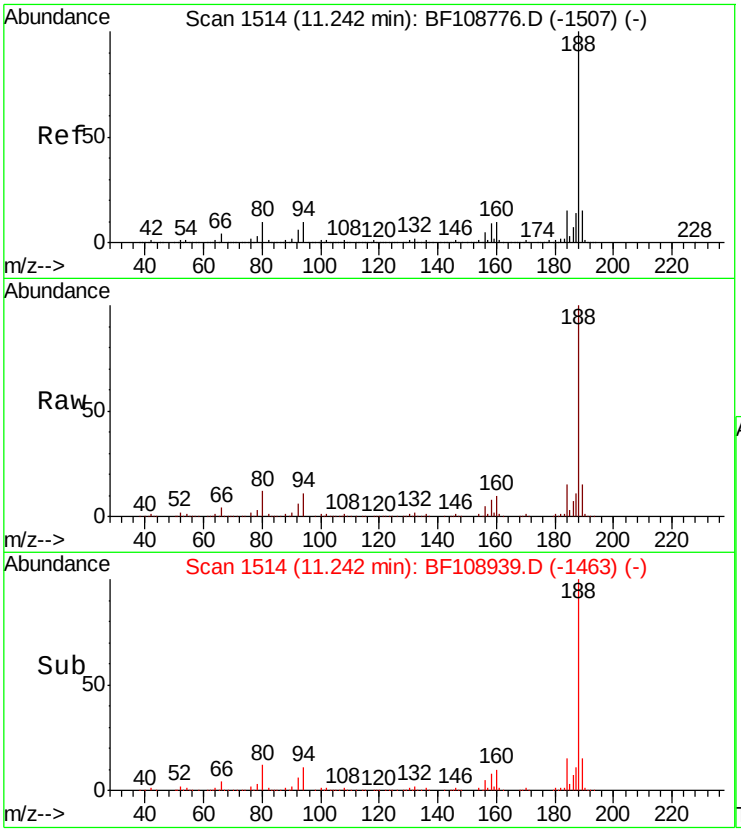


#56
2,4-Dinitrotoluene
Concen: 7.380 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:165 Resp: 39256

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



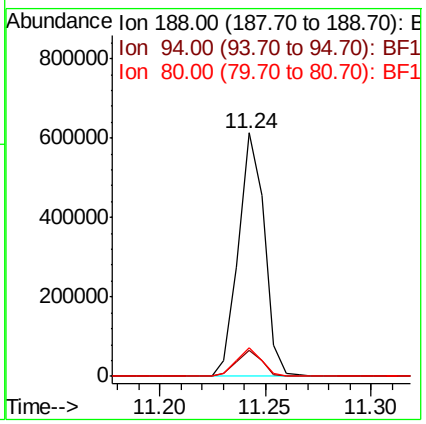


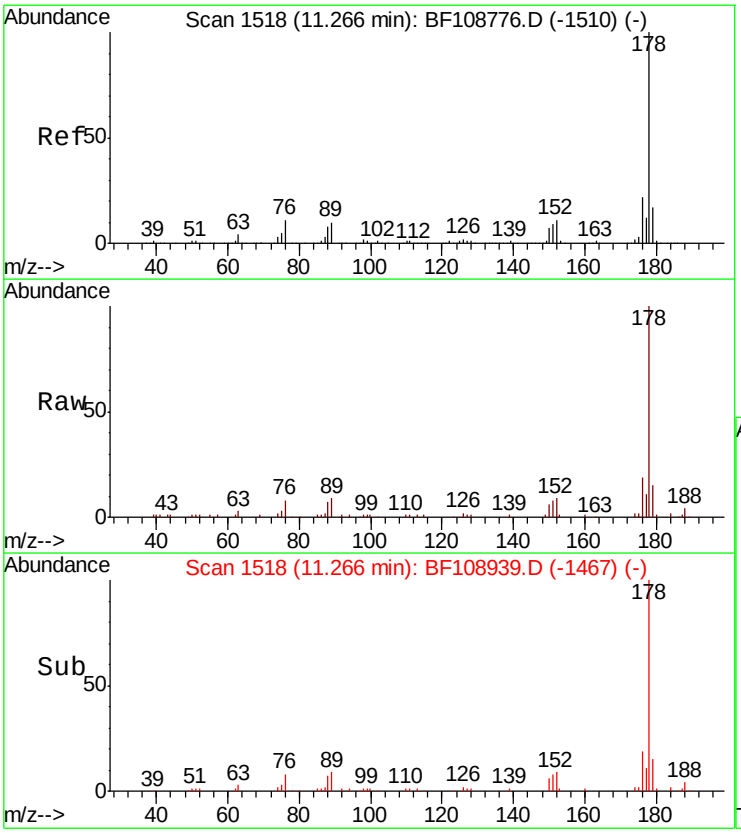
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 521169

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8

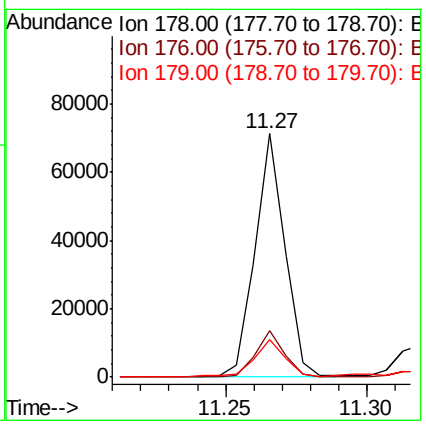


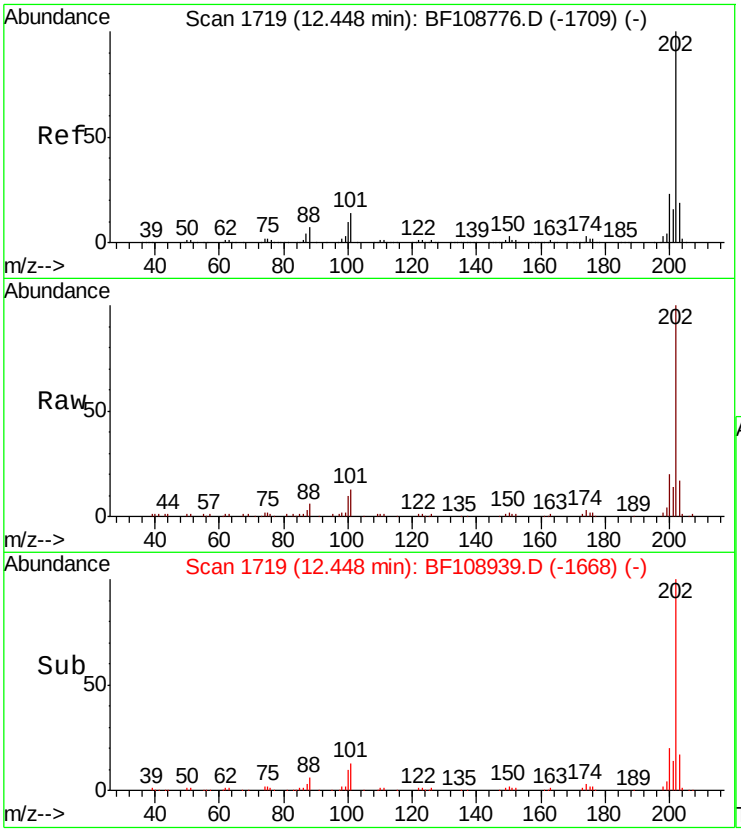


#70
Phenanthrene
Concen: 2.107 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:178 Resp: 52427

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6



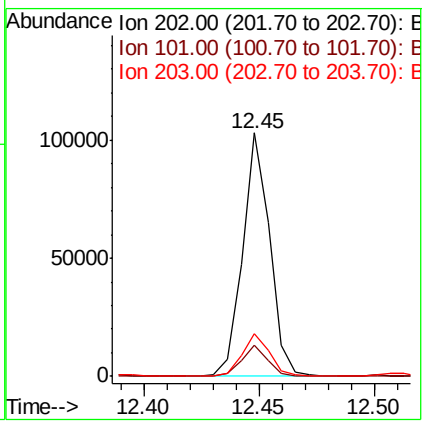


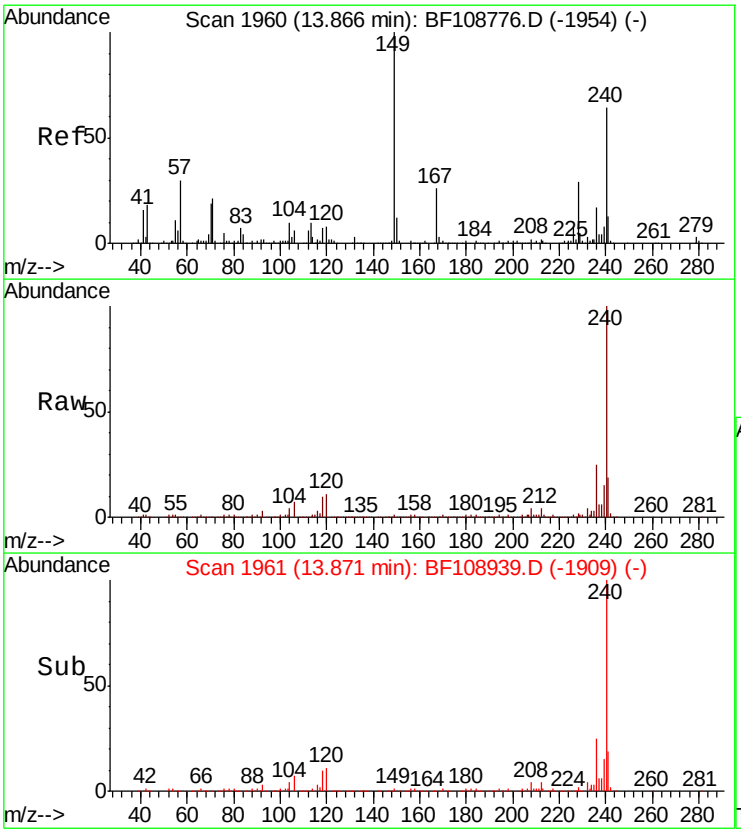
#74
Fluoranthene
Concen: 3.429 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 84503

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.3	0.0	38.1

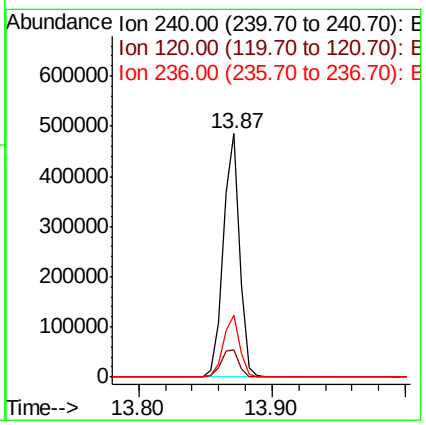


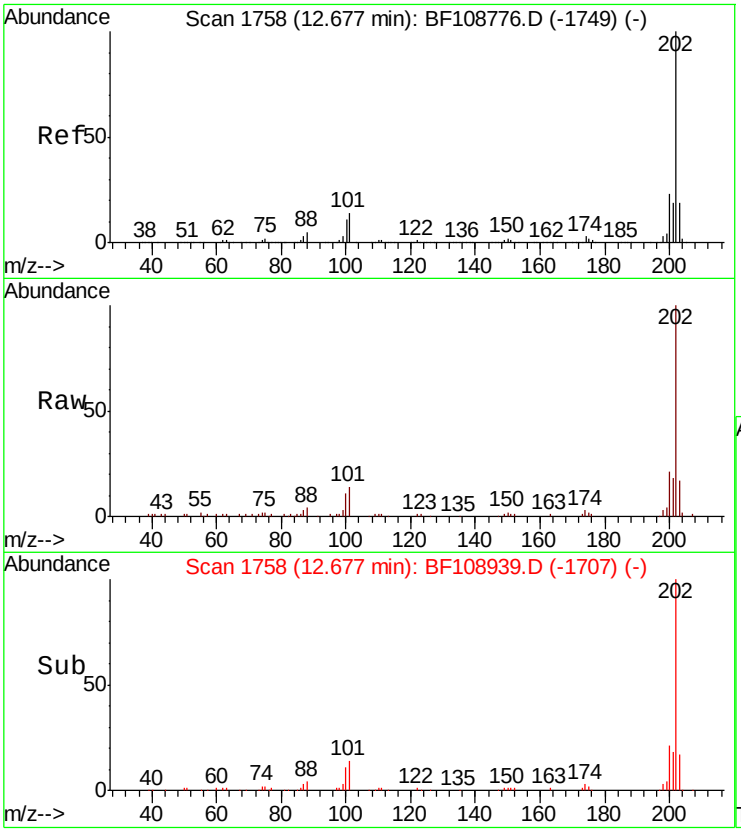


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:240 Resp: 418316

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.2	20.7	31.1



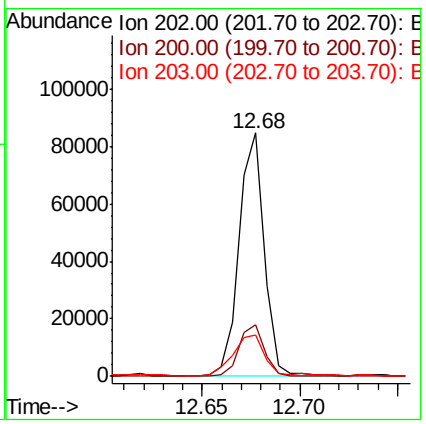


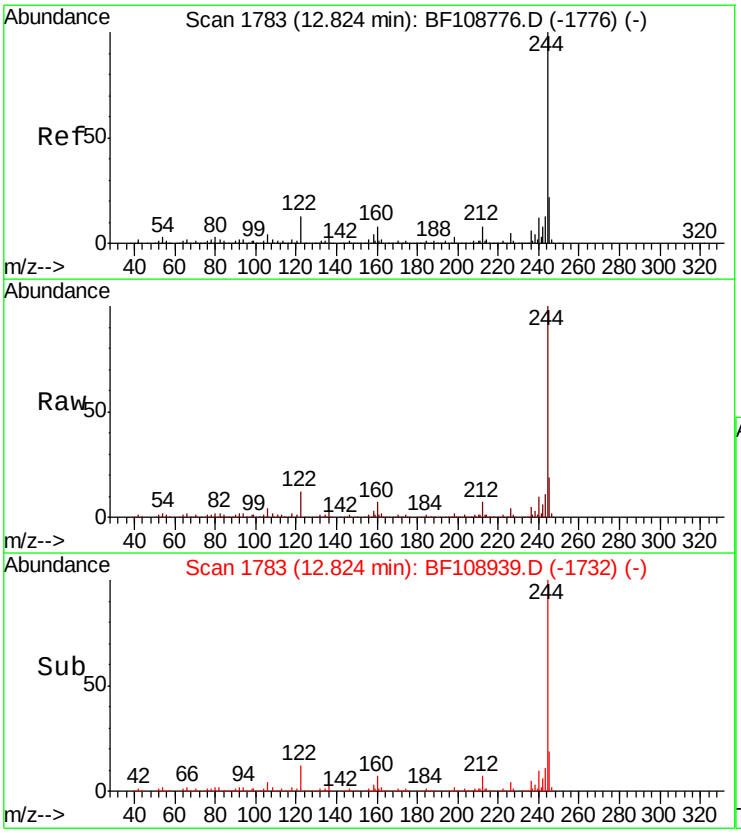
#77
Pyrene
Concen: 2.359 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 75944

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.1	14.3	21.5

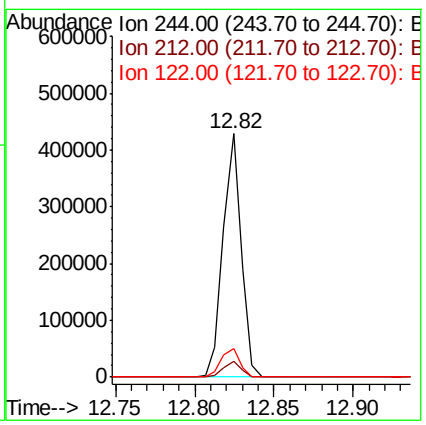


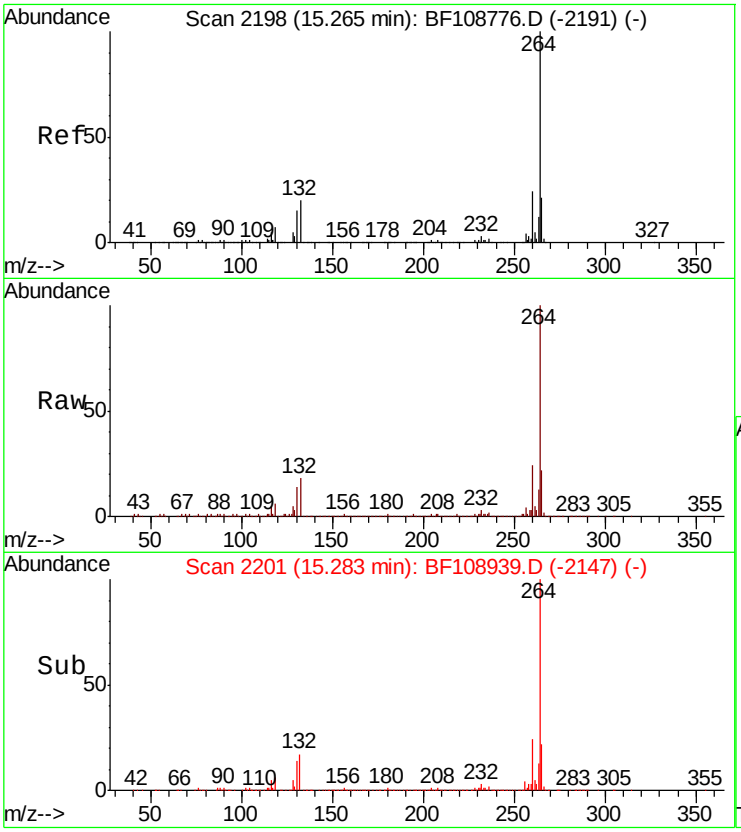


#78
Terphenyl-d14
Concen: 19.002 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:244 Resp: 340879

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	11.0	16.4



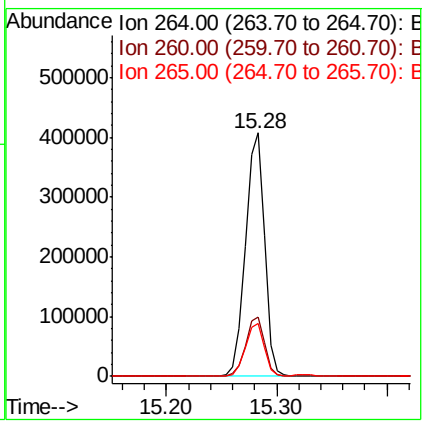


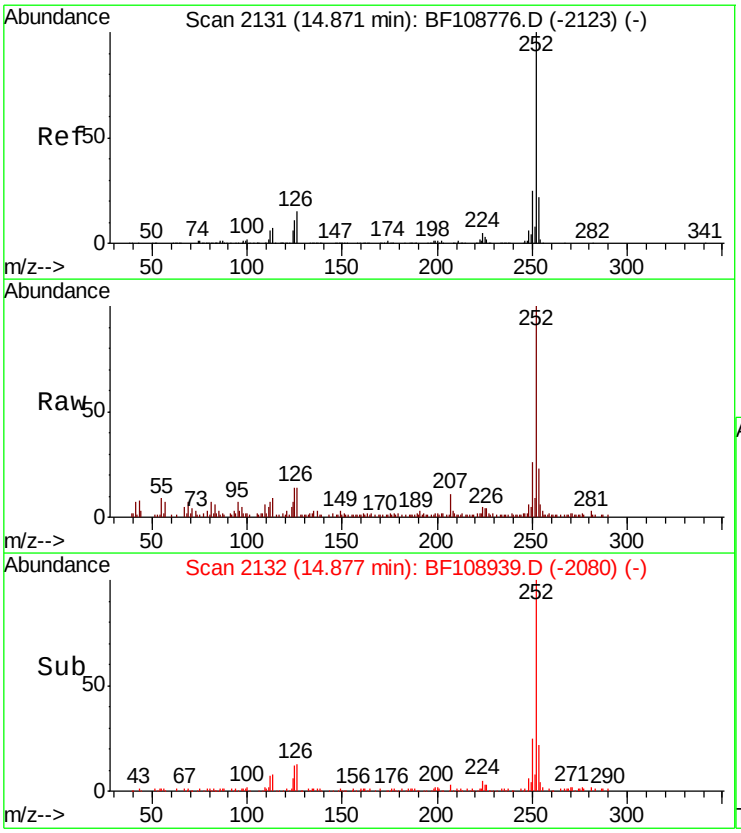
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 495517

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3

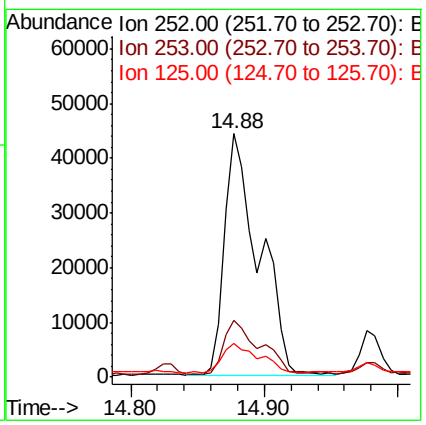


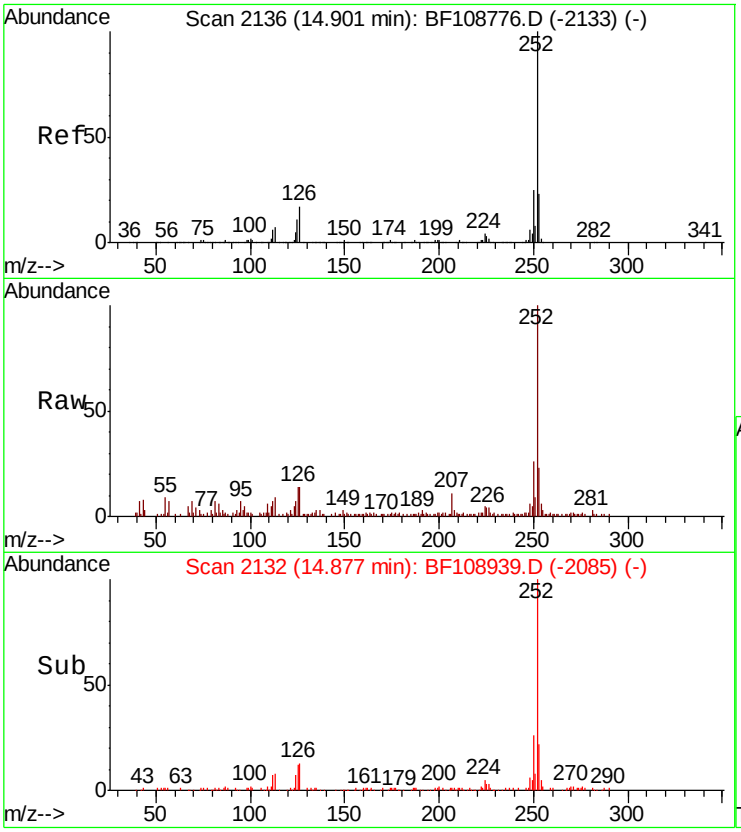


#87
Benzo(b)fluoranthene
Concen: 2.978 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Tgt Ion:252 Resp: 80245

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.8	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.234 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108939.D
Acq: 11 Sep 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 80245

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.8	10.2	15.2