Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108816.D
Acq On : 6 Sep 2018 10:45
Operator : JU/SJ
Sample : J4741-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 13:16:53 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	237095	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	864636	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	344038	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	550705	20.00	ng	0.00
75) Chrysene-d12	13.87	240	560334	20.00	ng	0.00
86) Perylene-d12	15.28	264	428408	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	28249	1.97	ng	0.00
7) Phenol-d6	6.35	99	144220	7.83	ng	-0.01
23) Nitrobenzene-d5	7.29	82	201911	14.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	1079	0.33	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	401312	19.90	ng	0.00
78) Terphenyl-d14	12.82	244	331329	13.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	26510	2.071	ng	# 76
25) Isophorone	7.29	82	200293	7.268	ng	# 64
32) Benzoic acid	8.02	122	146	4.037	ng	# 1
49) Dimethylphthalate	9.48	163	121082	5.032	ng	99
50) 2,6-Dinitrotoluene	9.77	165	44100	9.618	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	44100	7.521	ng	# 23

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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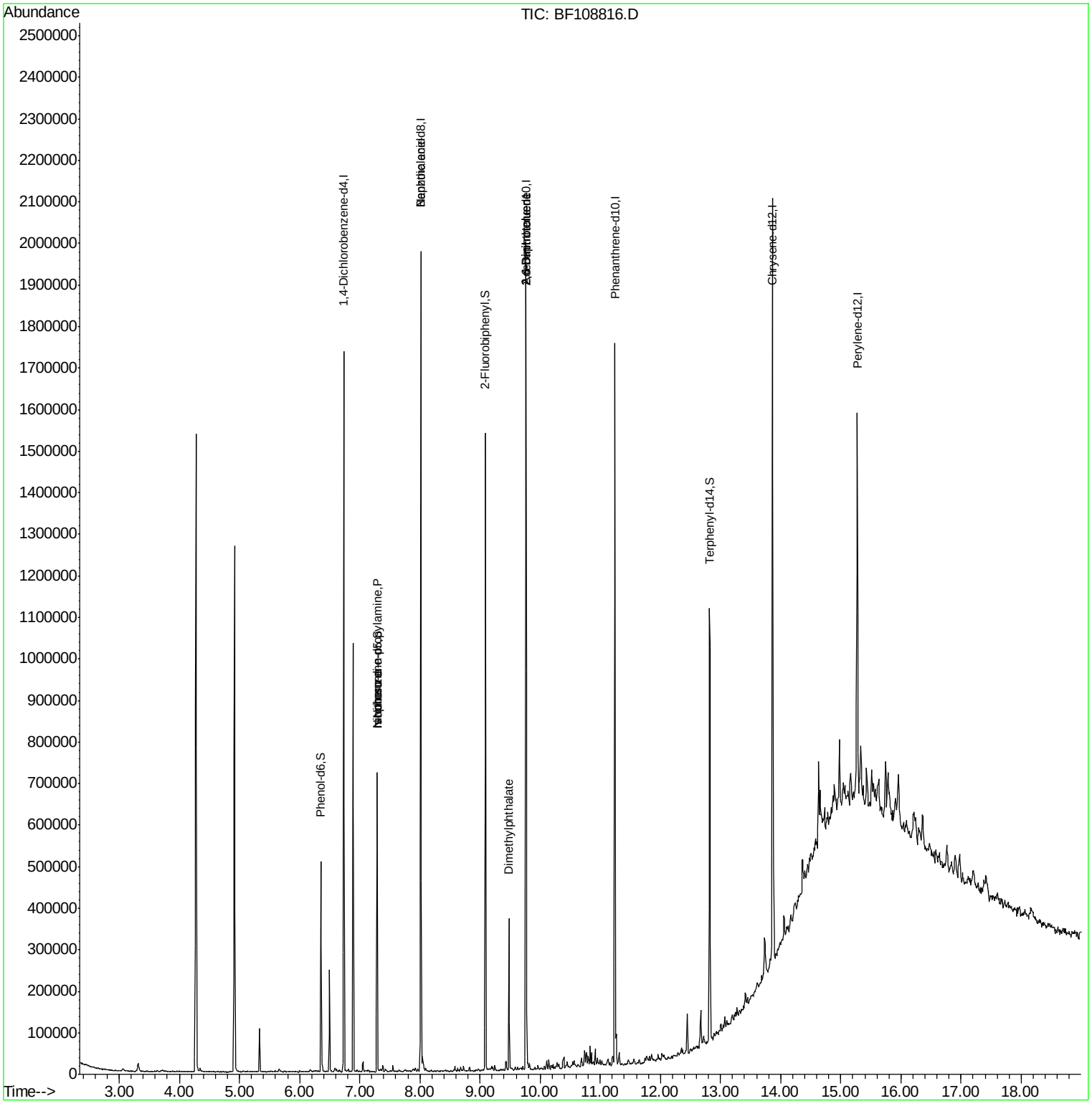
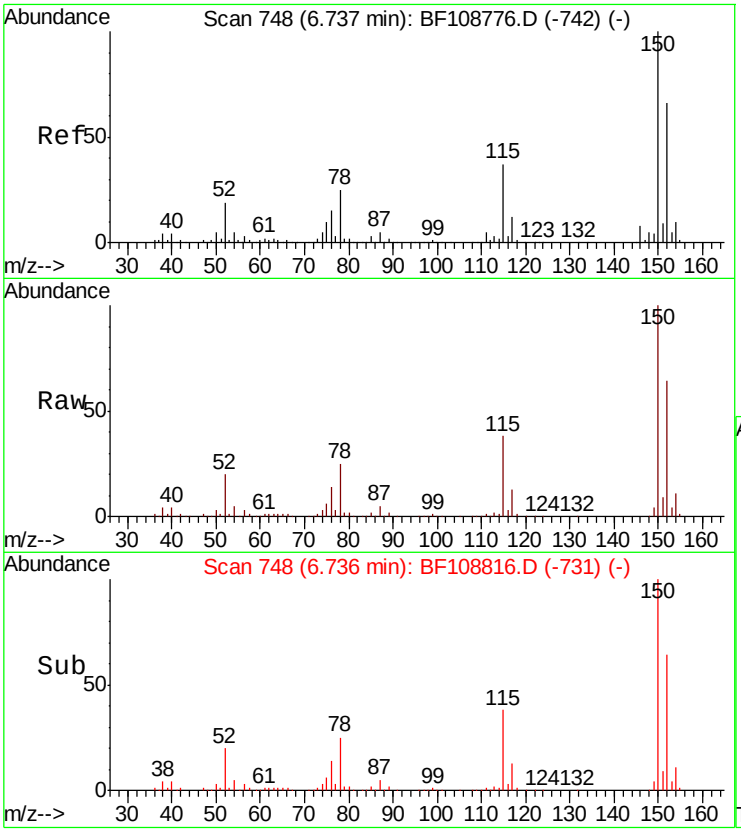


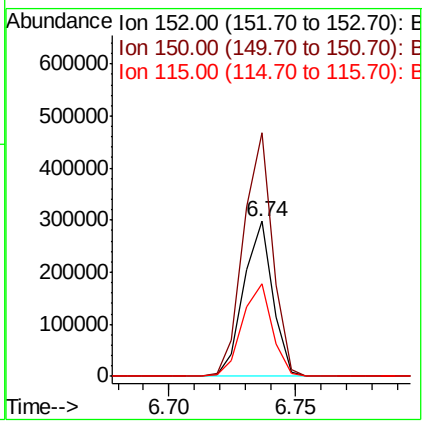


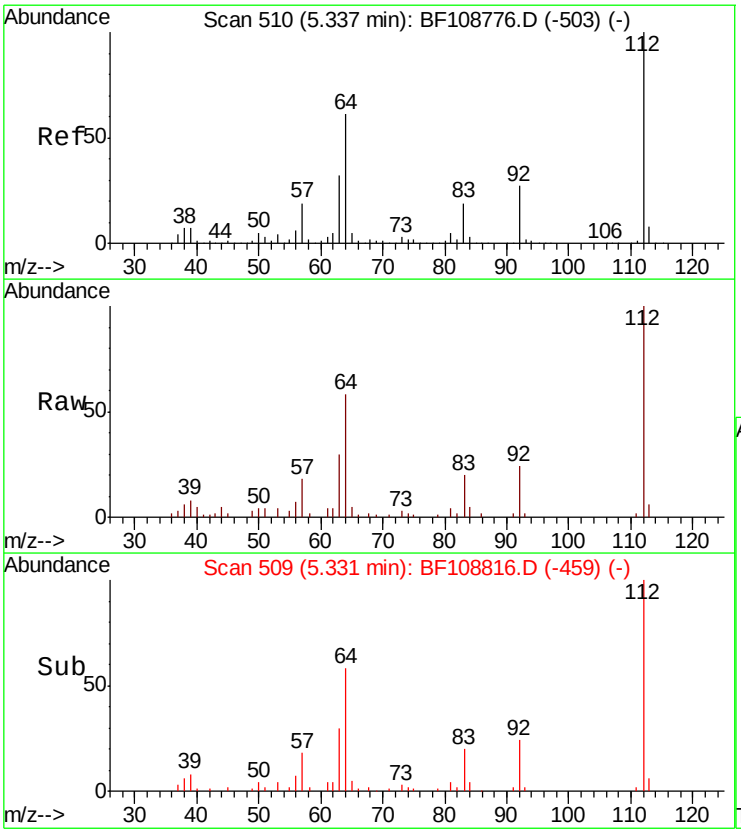
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 237095

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.7	50.1	75.1

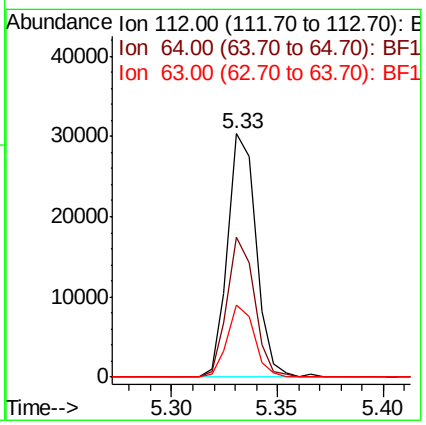


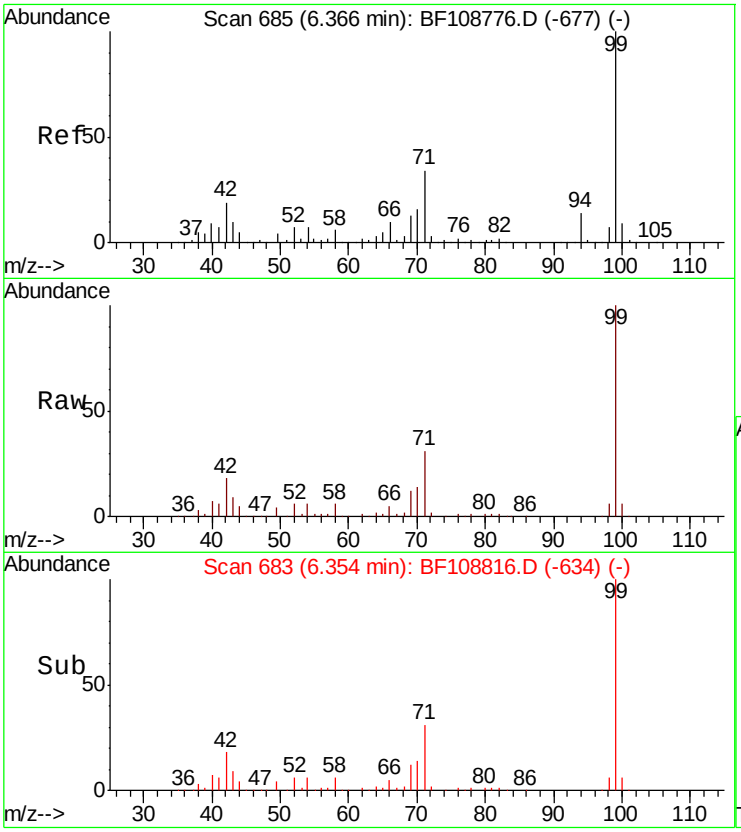


#5
2-Fluorophenol
Concen: 1.974 ng
RT: 5.33 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:112 Resp: 28249

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.6	23.7	35.5



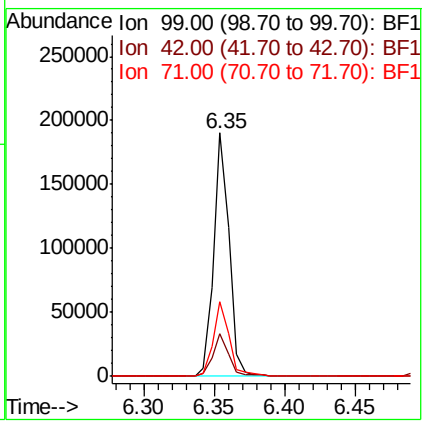


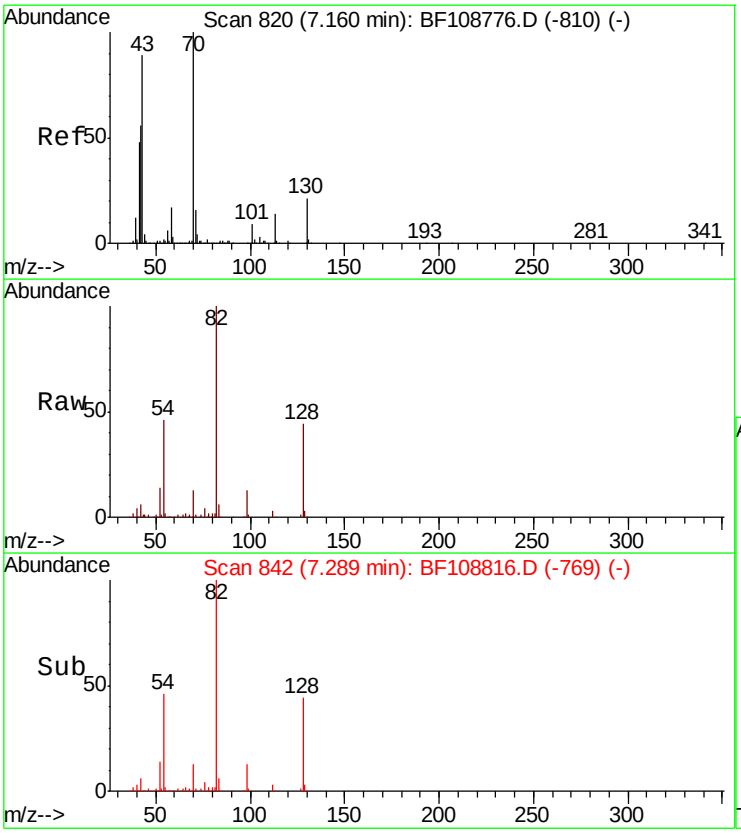
#7
Phenol-d6
Concen: 7.832 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 144220

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	30.8	25.4	38.0

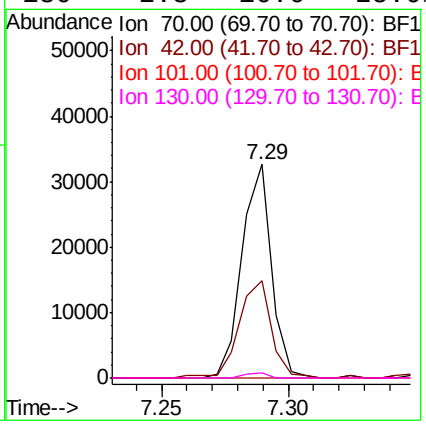


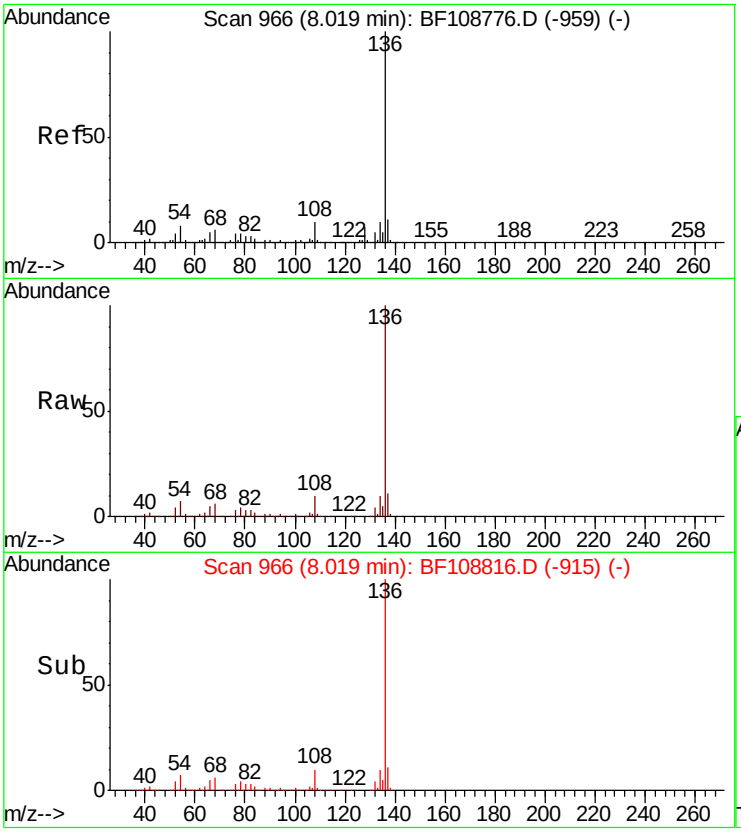


#19
n-Nitroso-di-n-propylamine
Concen: 2.071 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion: 70 Resp: 26510

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



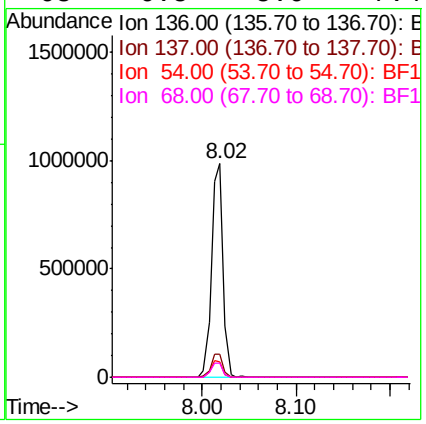


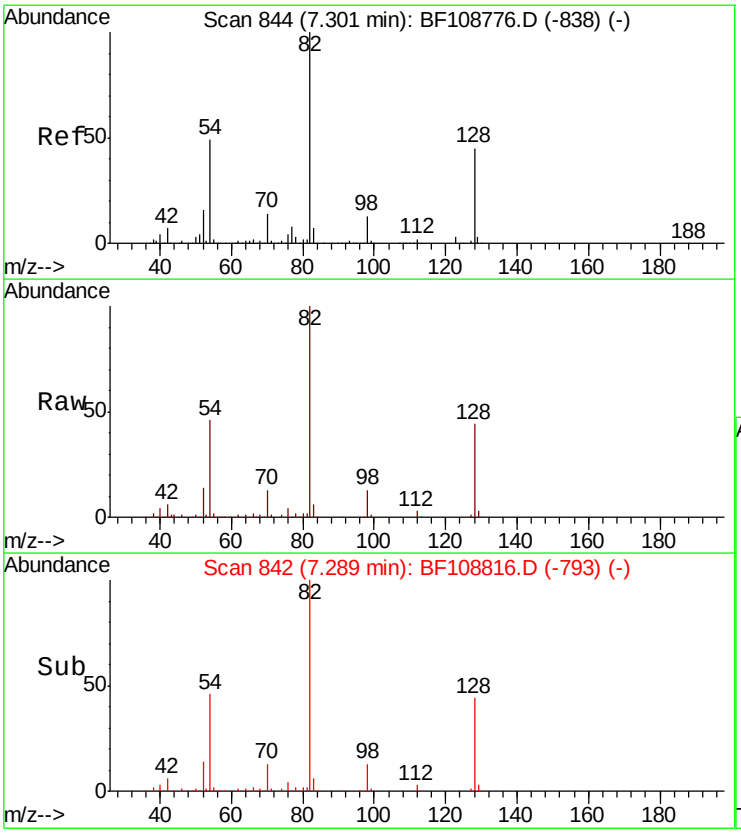
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 864636

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	6.5	5.0	7.4

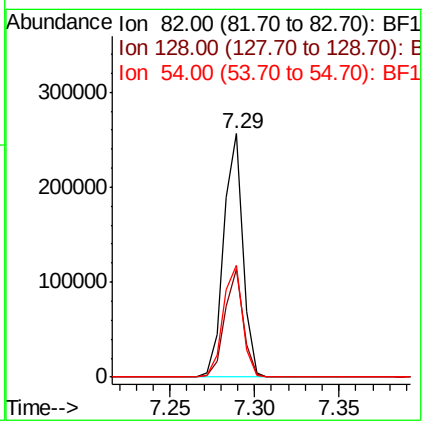


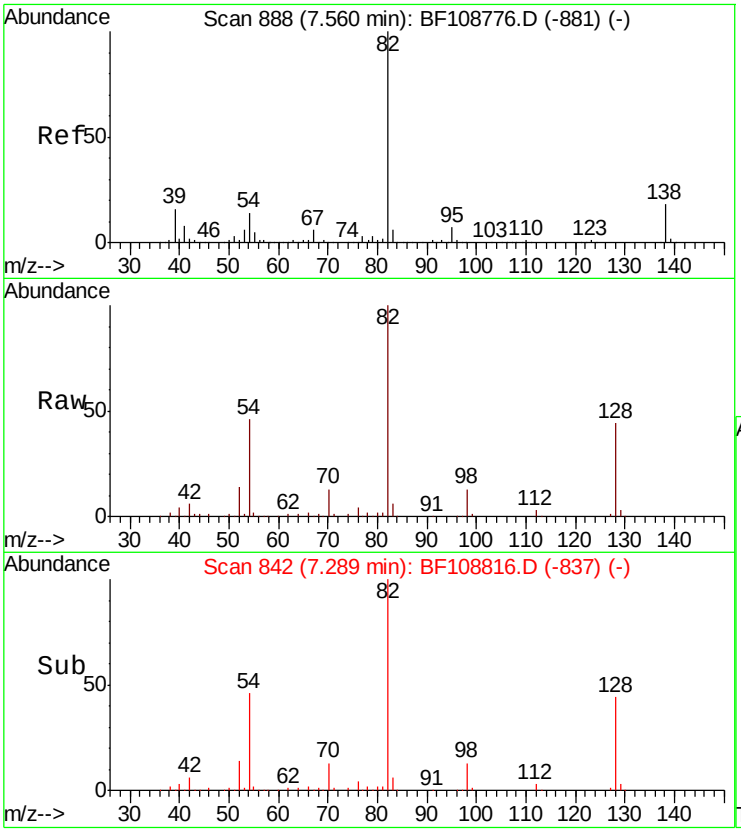


#23
Nitrobenzene-d5
Concen: 14.614 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion: 82 Resp: 201911

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	45.9	41.4	62.2



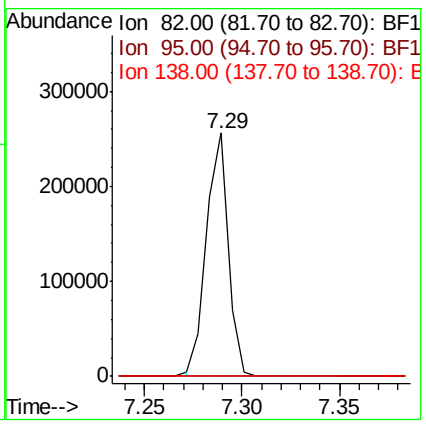


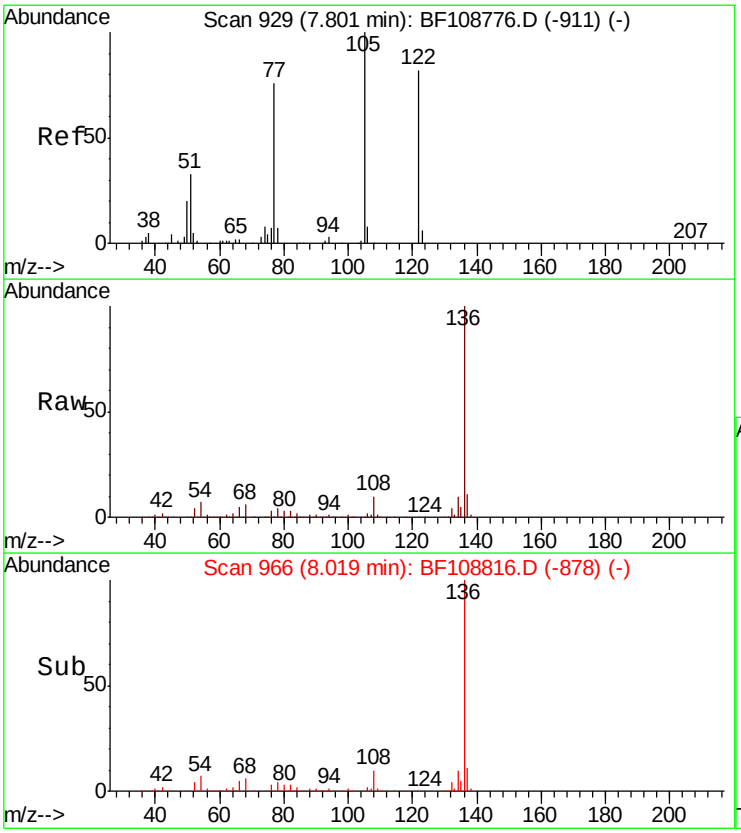
#25
Isophorone
Concen: 7.268 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 200293

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

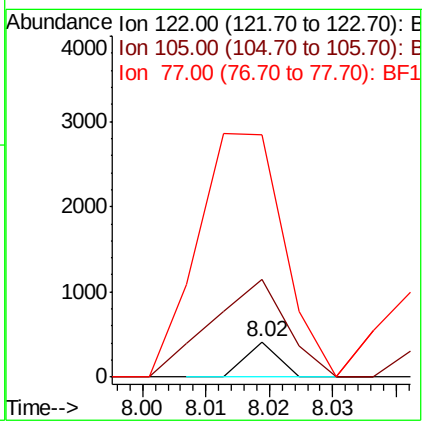


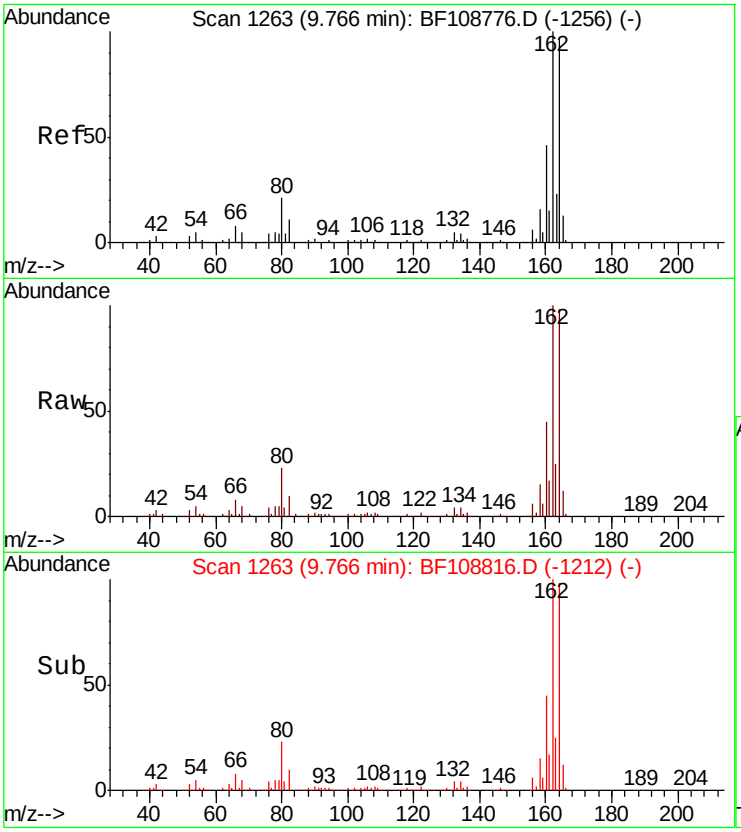


#32
Benzoic acid
Concen: 4.037 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	278.3	101.1	141.1#
77	687.0	70.7	110.7#

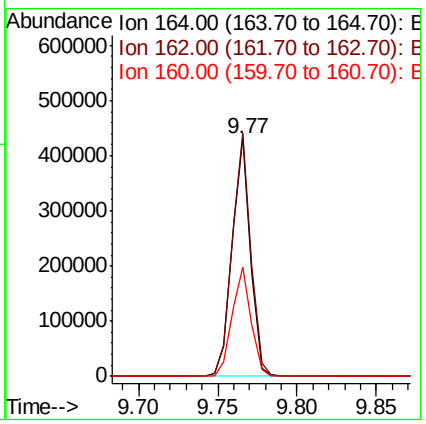




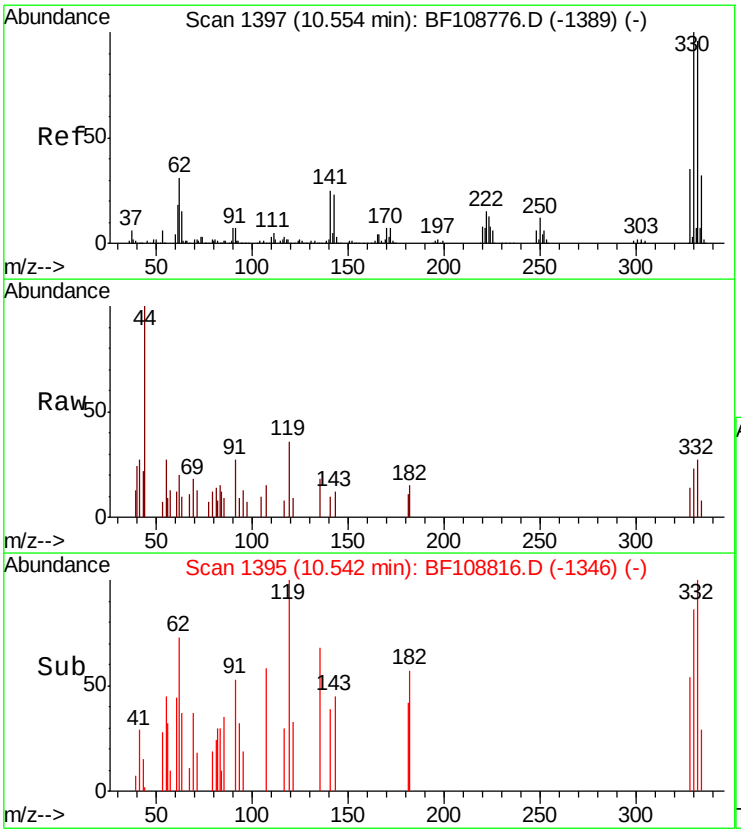
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:164 Resp: 344038

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.0	38.3	57.5



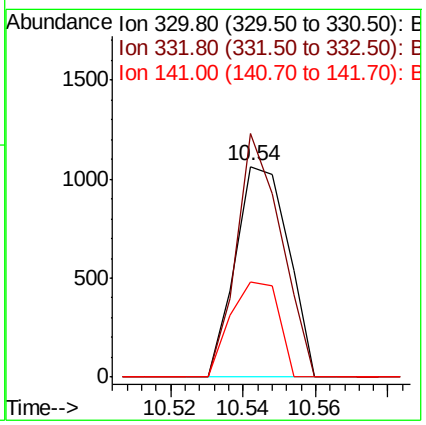
Instrument :
BNA_F
ClientSampleId :

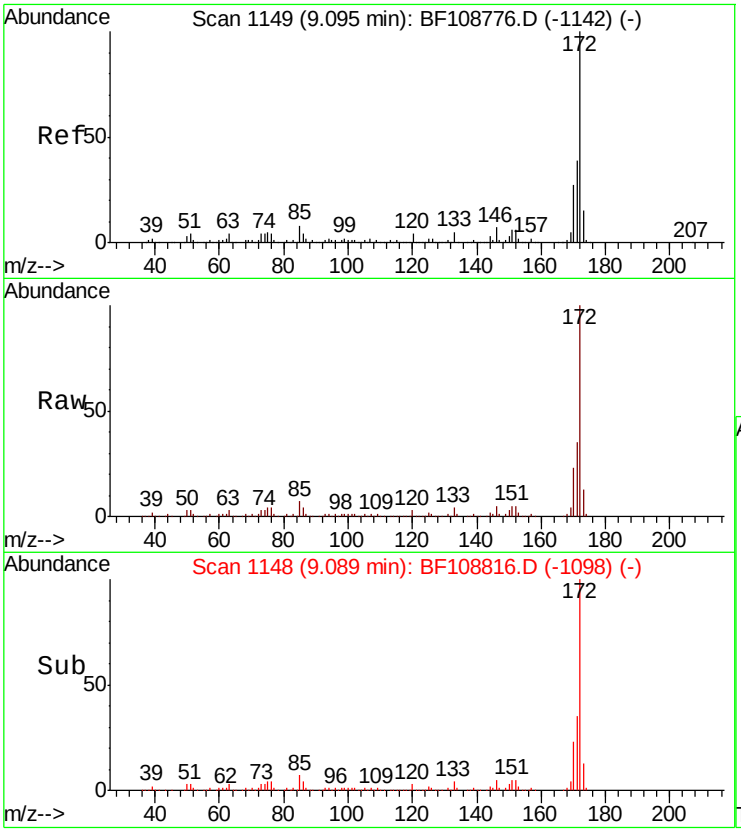


#41
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	41.1	29.9	44.9



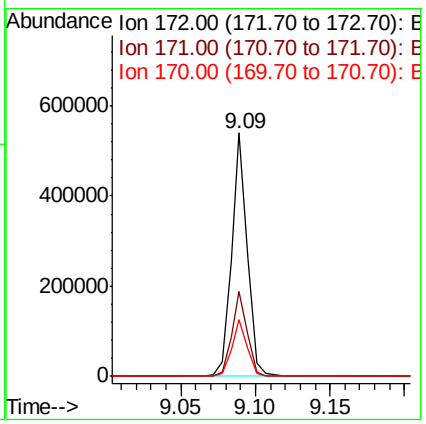


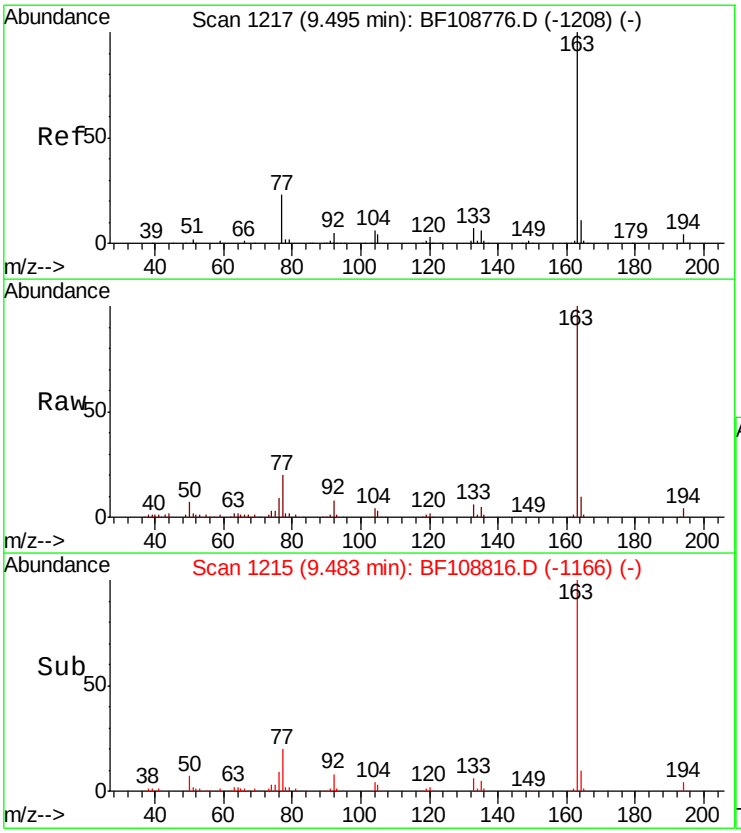
#44
2-Fluorobiphenyl
Concen: 19.900 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 401312

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4

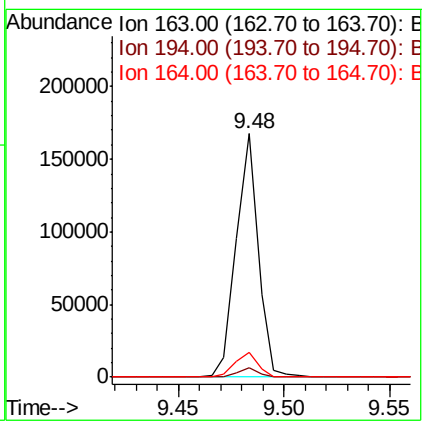


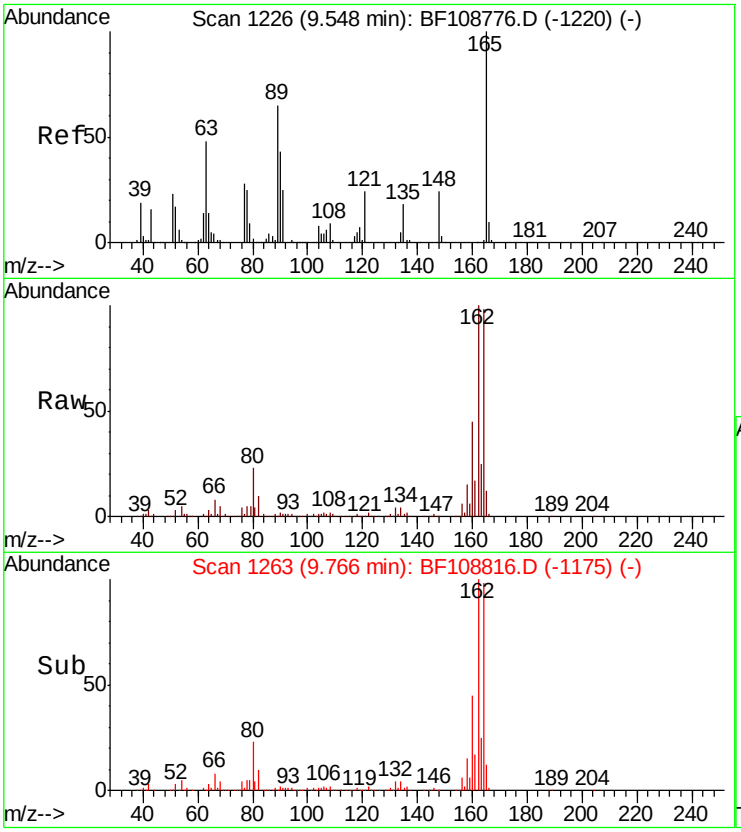


#49
Dimethylphthalate
Concen: 5.032 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:163 Resp: 121082

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



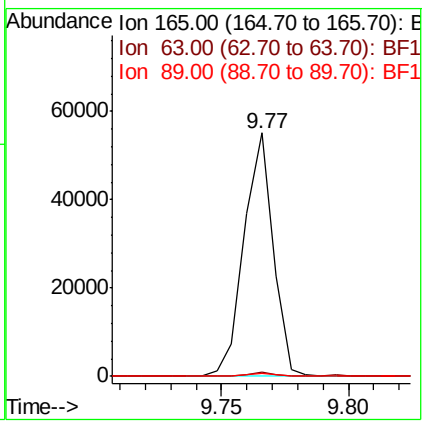


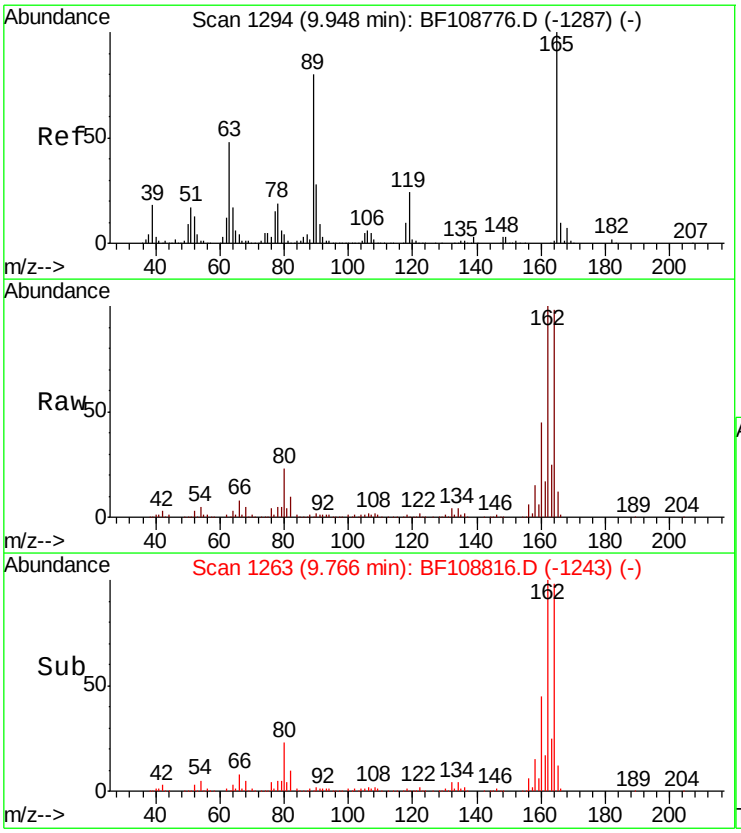
#50
2,6-Dinitrotoluene
Concen: 9.618 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44100

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

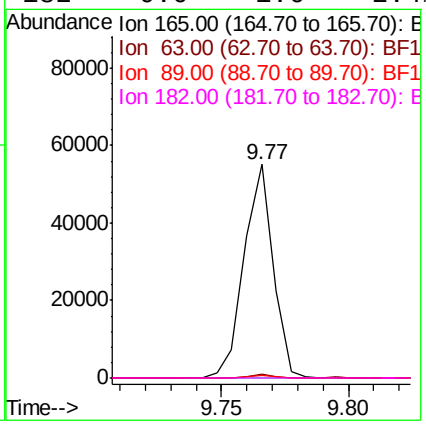


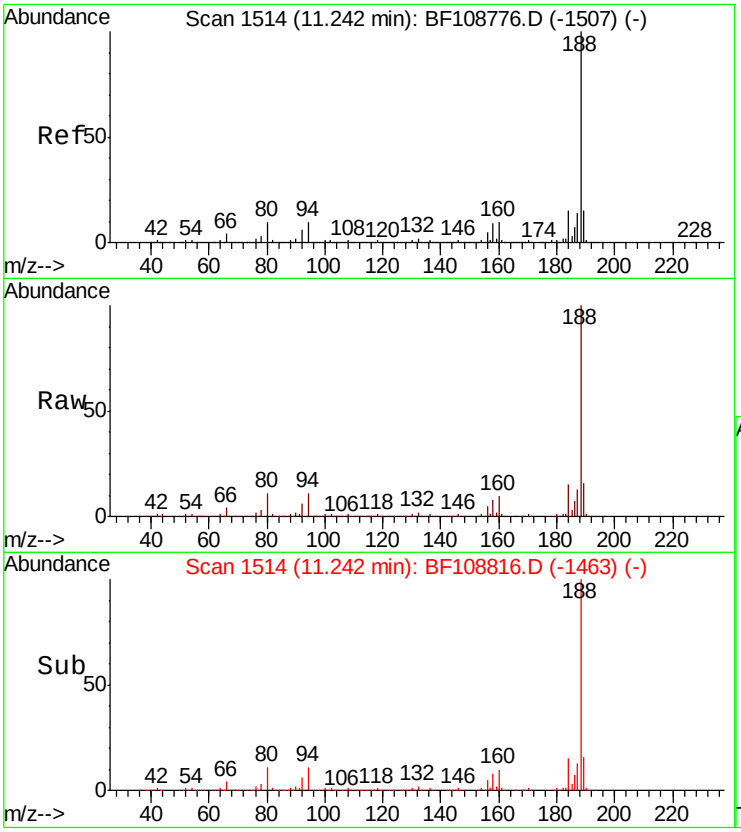


#56
2,4-Dinitrotoluene
Concen: 7.521 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:165 Resp: 44100

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



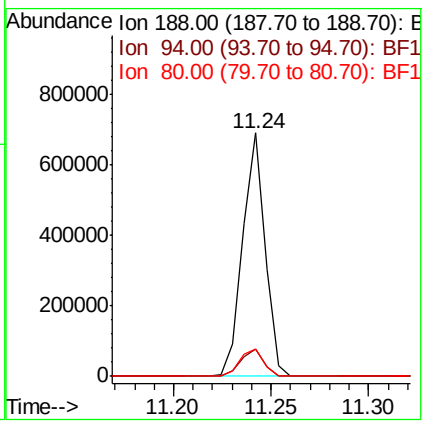


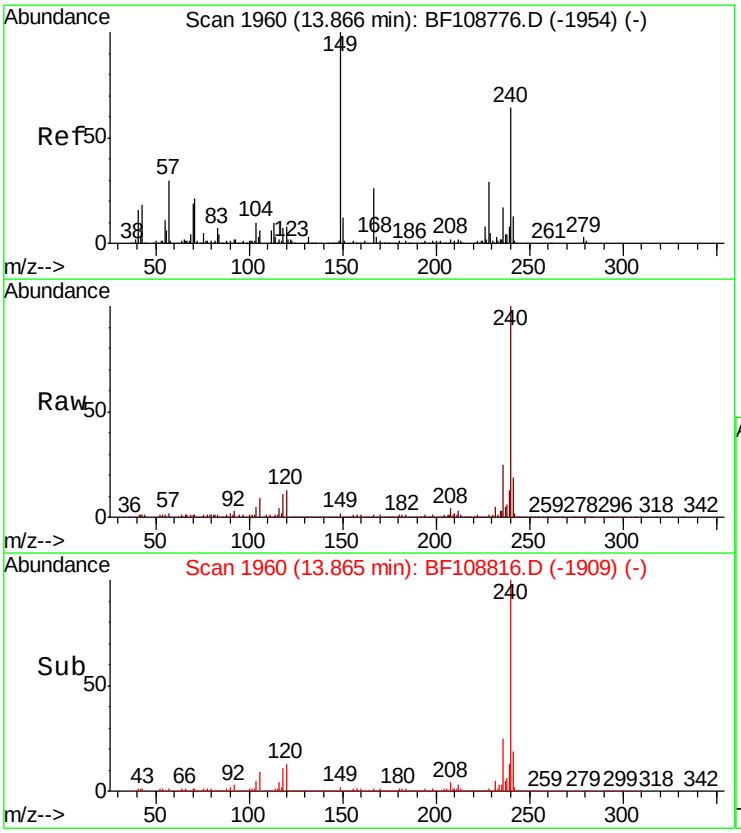
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 550705

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8

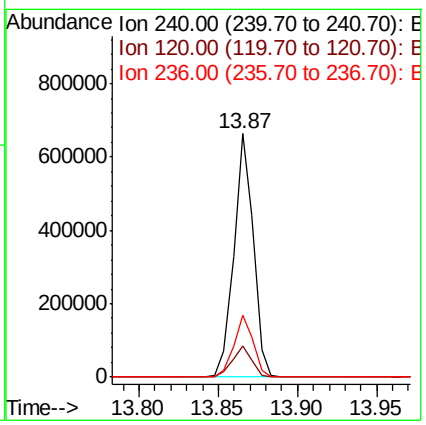


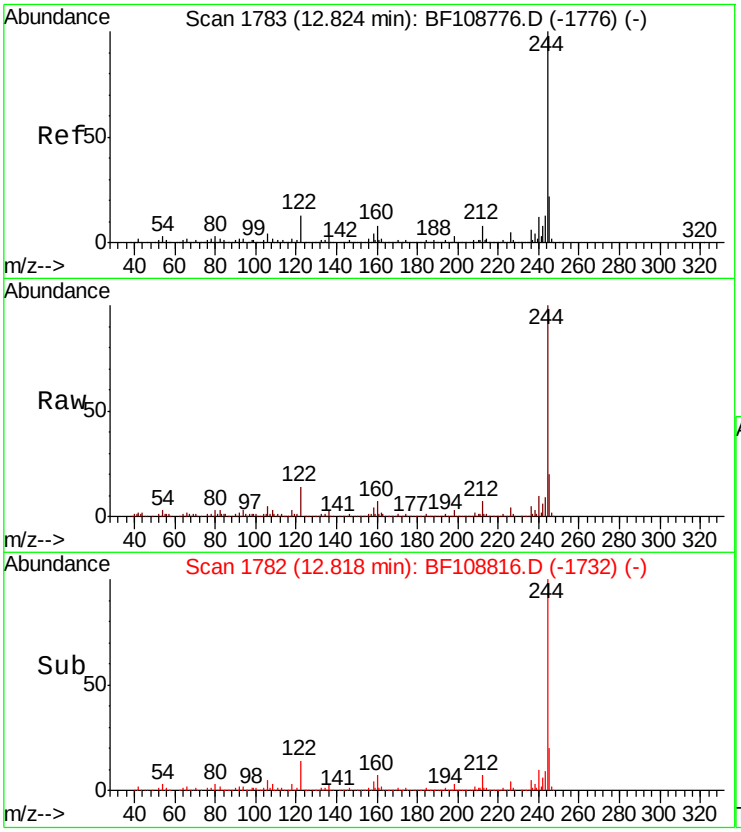


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:240 Resp: 560334

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.4	20.7	31.1



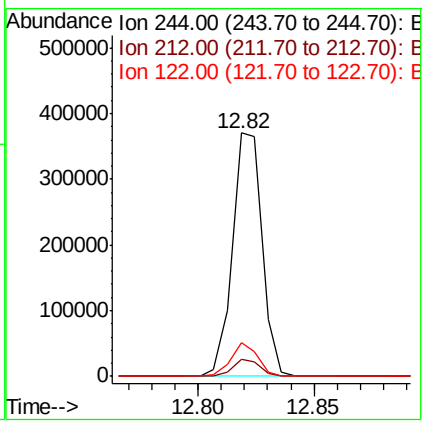


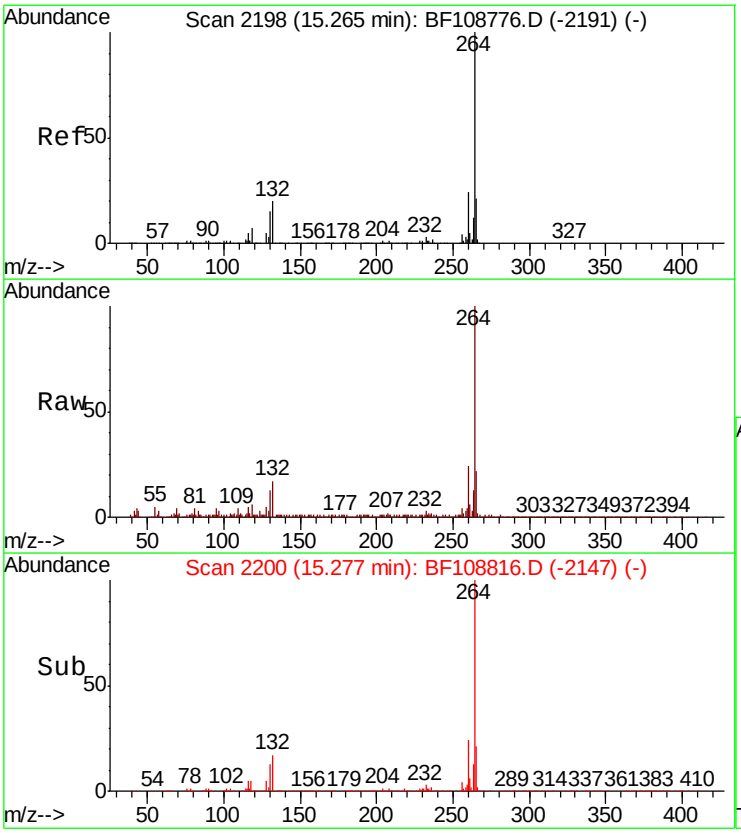
#78
Terphenyl-d14
Concen: 13.789 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 331329

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108816.D
Acq: 6 Sep 2018 10:45

Tgt Ion:264 Resp: 428408

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3