Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109127.D
Acq On : 19 Sep 2018 6:03
Operator : JU/SJ
Sample : J4931-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 07:47:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	456319	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	192691	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	340560	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358961	20.00	ng	0.00
86) Perylene-d12	15.26	264	295198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	315699	40.98	ng	0.00
7) Phenol-d6	6.35	99	251808	25.35	ng	-0.01
23) Nitrobenzene-d5	7.28	82	746007	91.70	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	170843	81.70	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1232710	100.23	ng	0.00
78) Terphenyl-d14	12.81	244	1240330	81.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	12776	2.014	ng	# 76
19) n-Nitroso-di-n-propylamine	7.28	70	100352	15.282	ng	# 76
25) Isophorone	7.28	82	741906	53.050	ng	# 64
49) Dimethylphthalate	9.47	163	34481	2.504	ng	98
50) 2,6-Dinitrotoluene	9.75	165	24672	8.078	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	24672	6.177	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10818	2.818	ng	# 1

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

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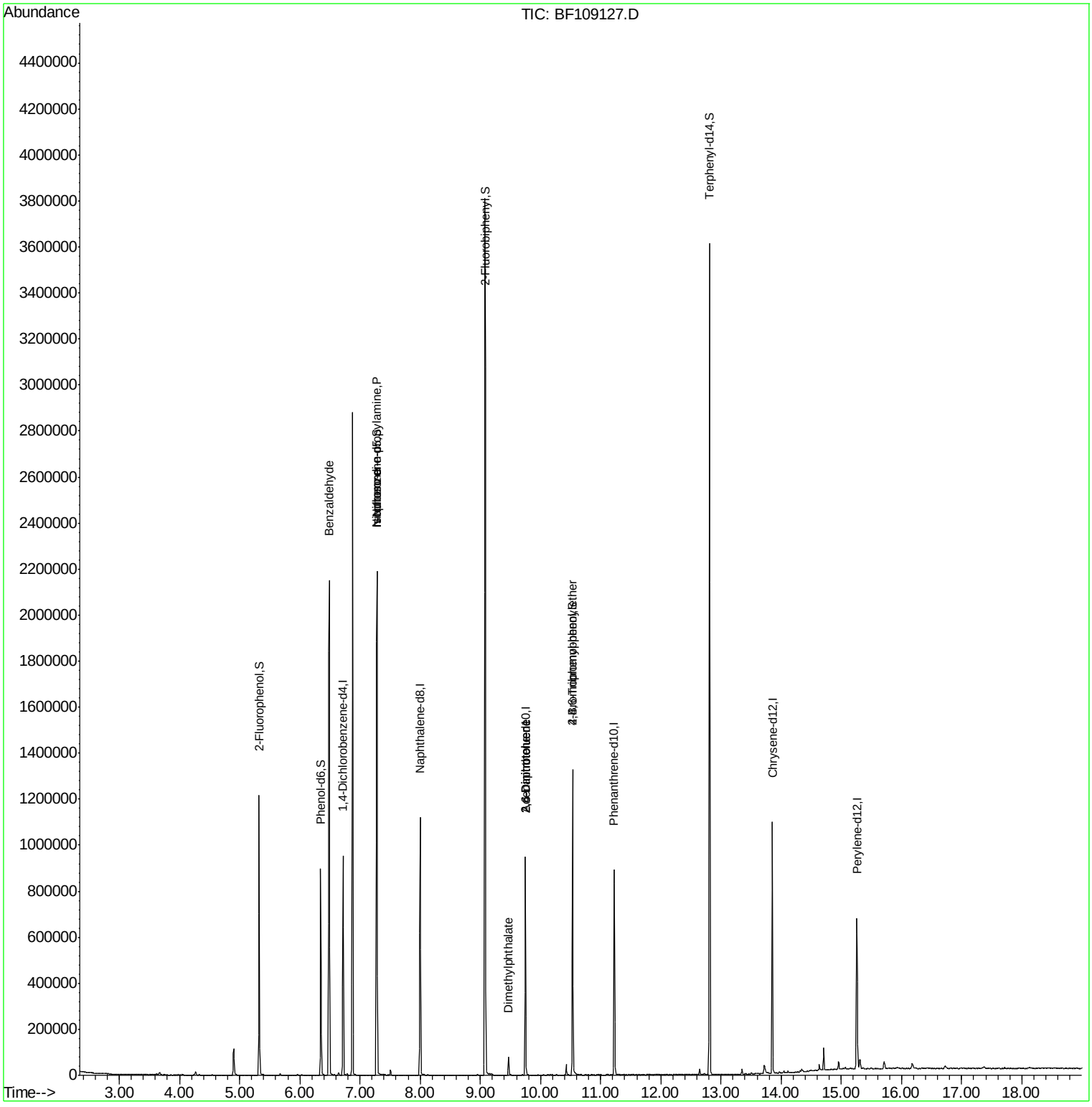
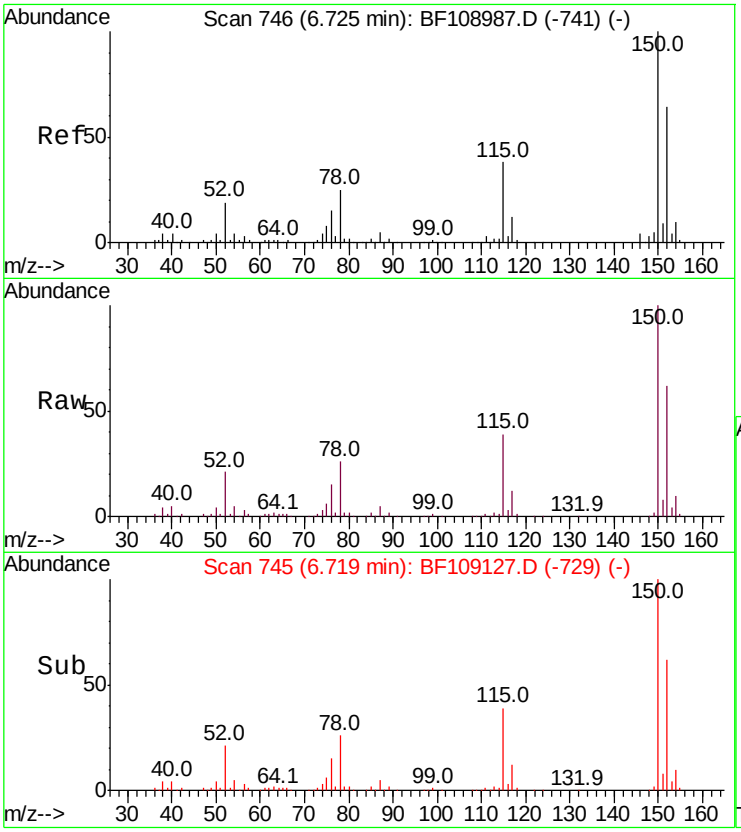


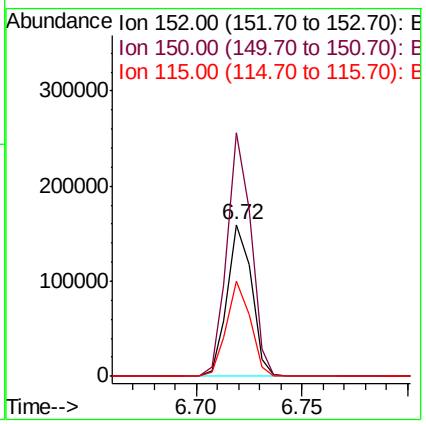


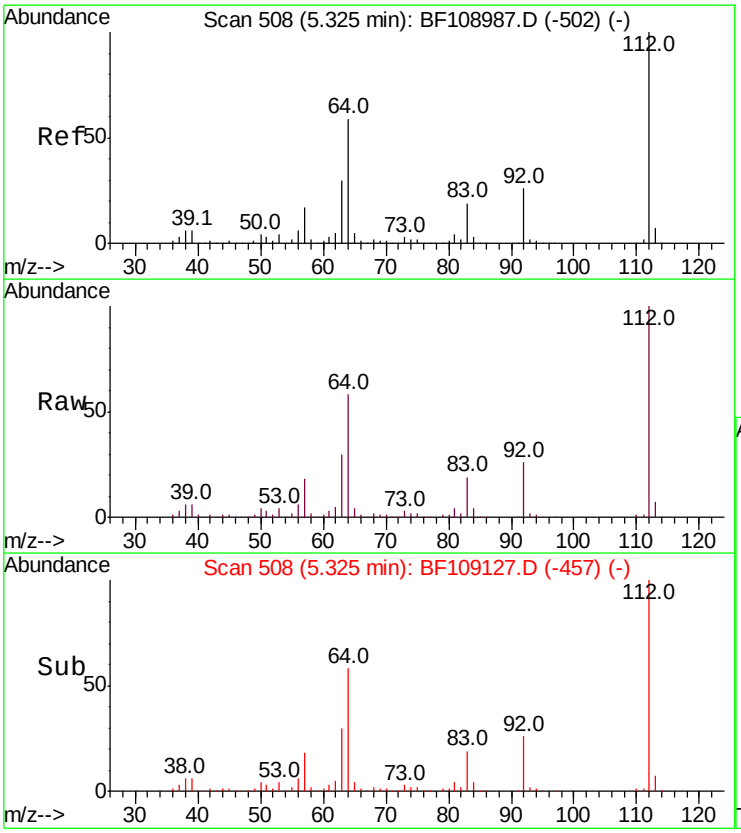
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127959

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.7	50.1	75.1

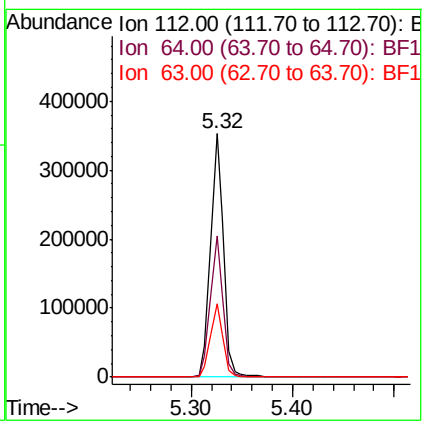


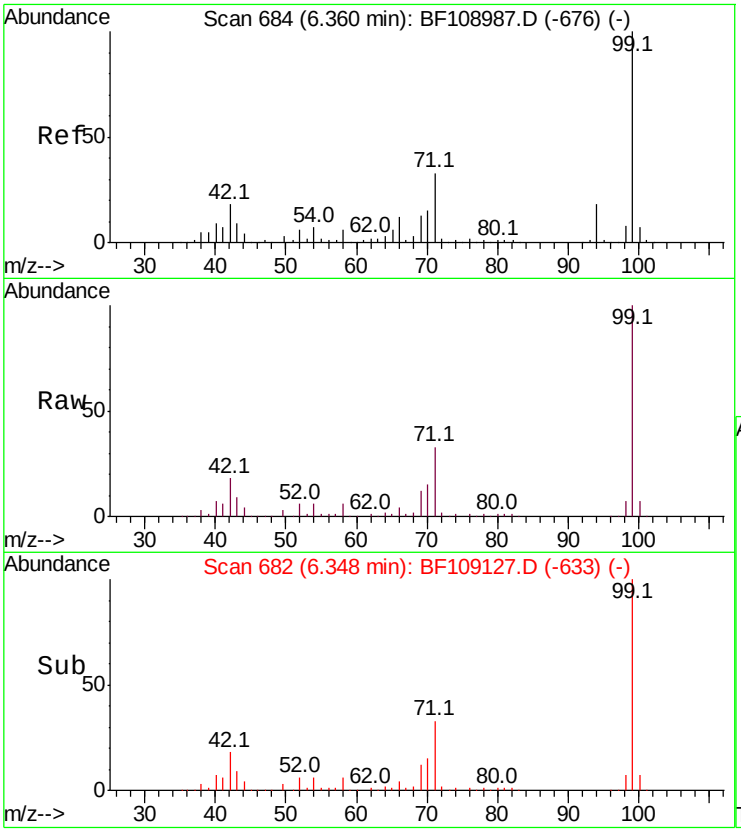


#5
2-Fluorophenol
Concen: 40.977 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:112 Resp: 315699

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	29.9	23.7	35.5



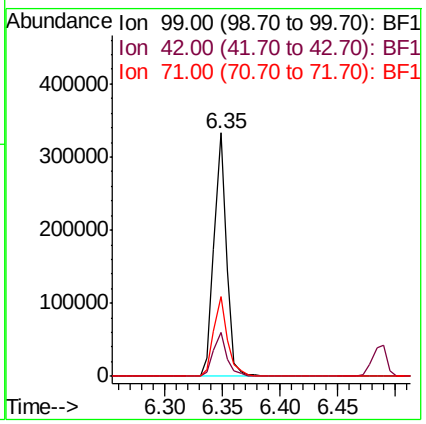


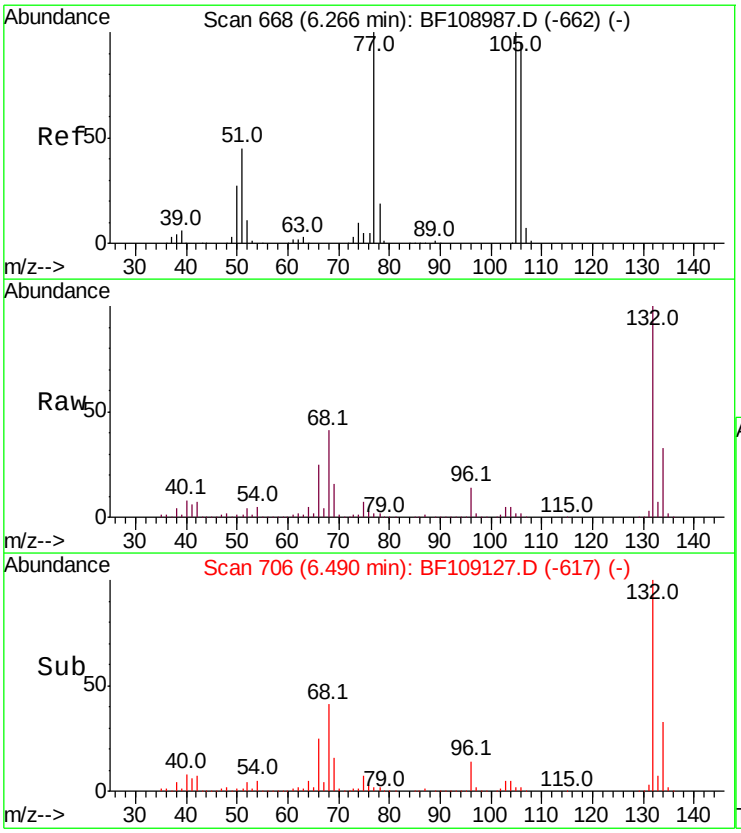
#7
Phenol-d6
Concen: 25.347 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 251808

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	32.8	25.4	38.0

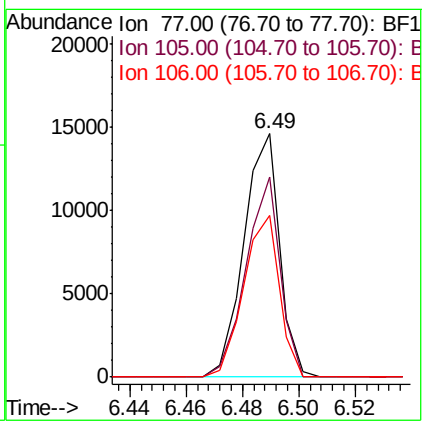


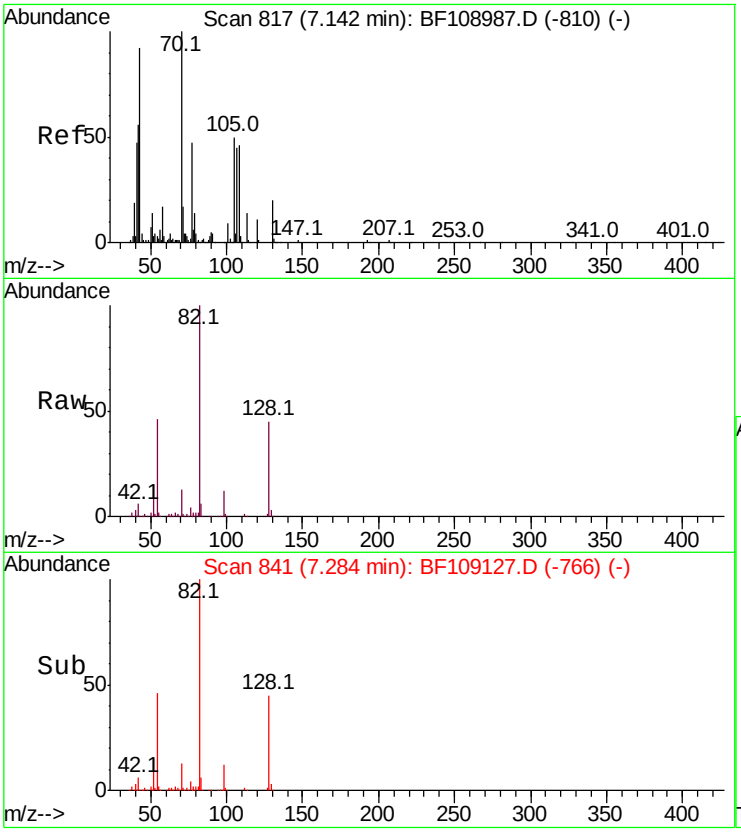


#9
Benzaldehyde
Concen: 2.014 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion: 77 Resp: 12776

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	66.5	74.5	114.5#



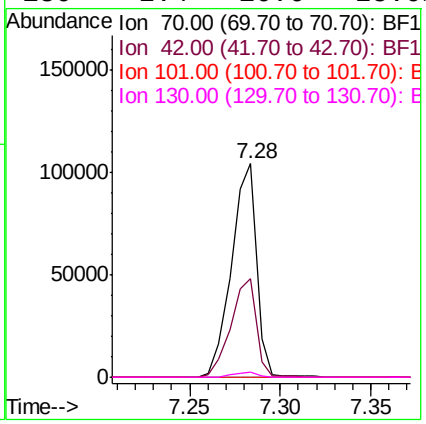


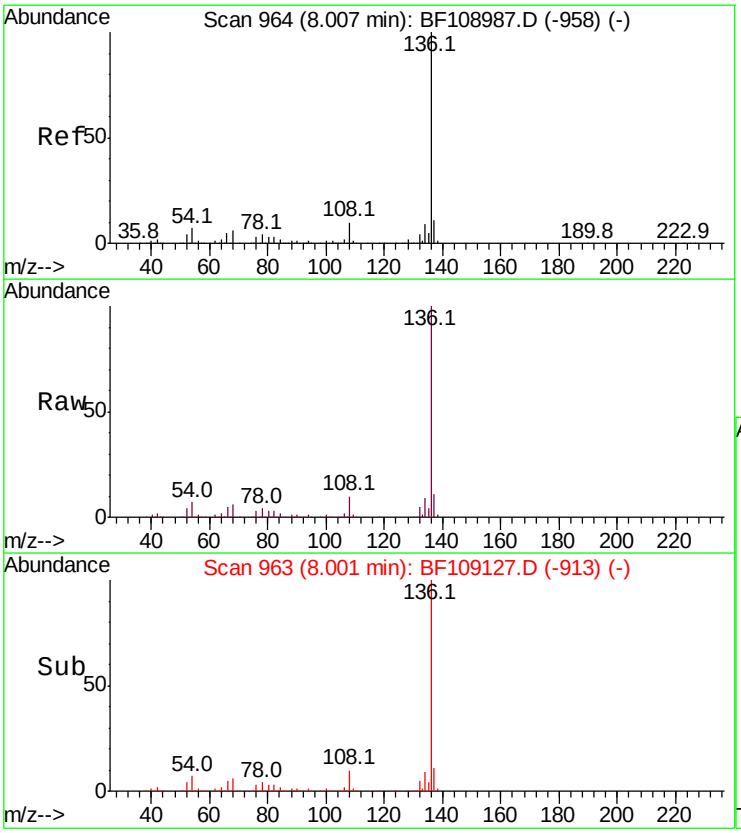
#19
n-Nitroso-di-n-propylamine
Concen: 15.282 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 100352

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

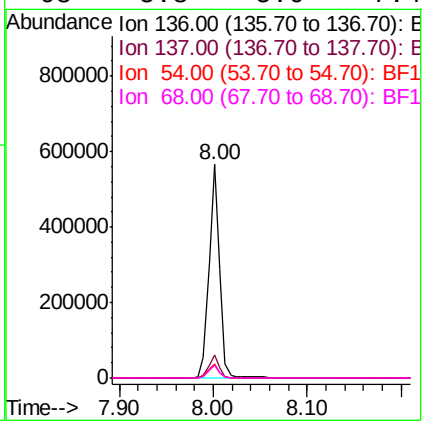


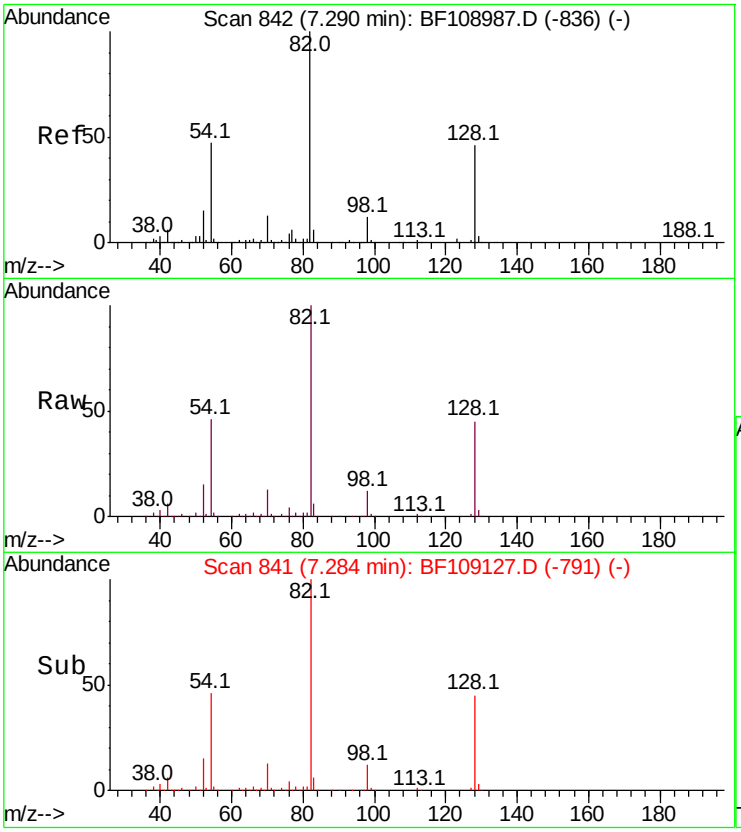


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:136 Resp: 456319

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4



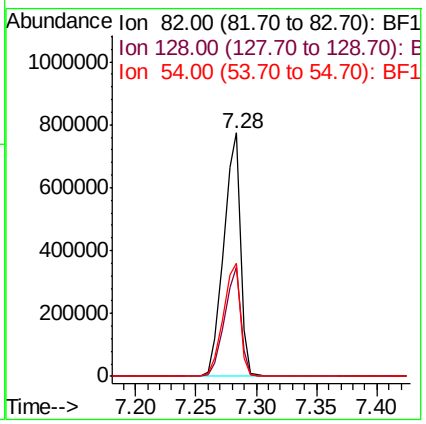


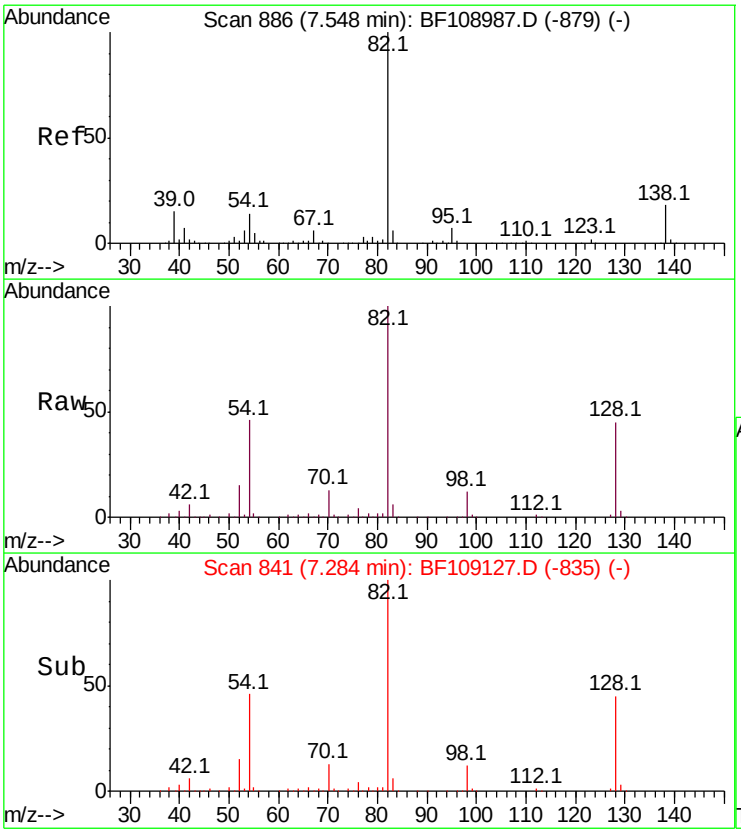
#23
Nitrobenzene-d5
Concen: 91.695 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 746007

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	46.4	41.4	62.2

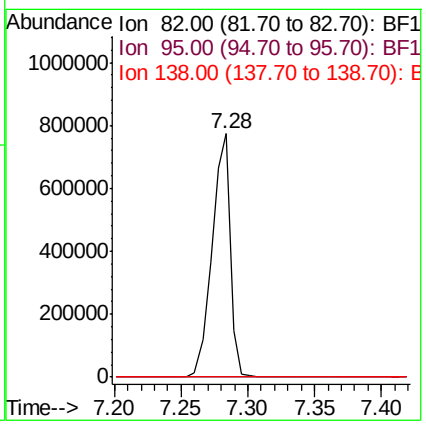


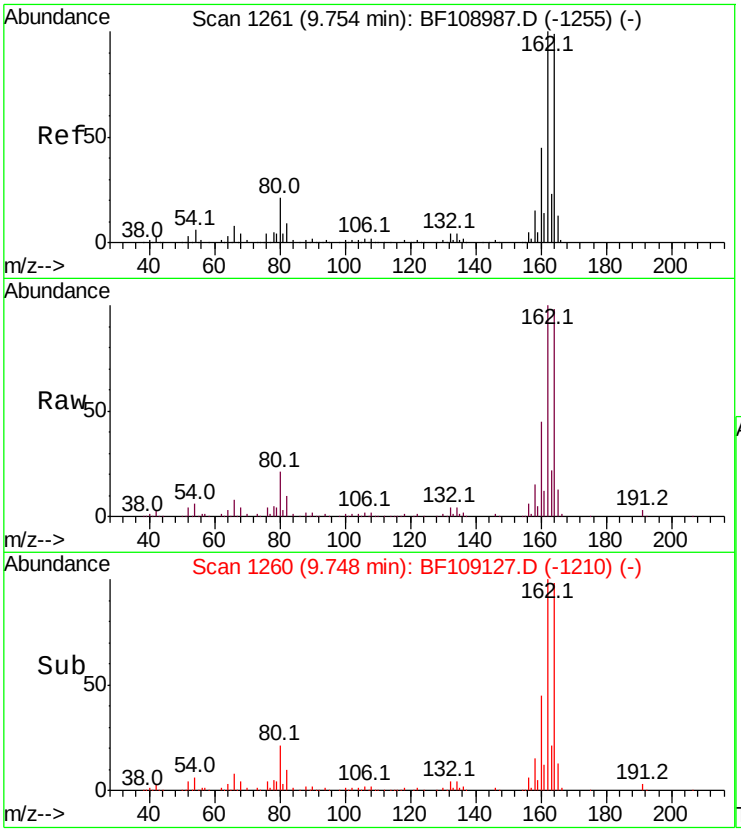


#25
Isophorone
Concen: 53.050 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion: 82 Resp: 741906

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



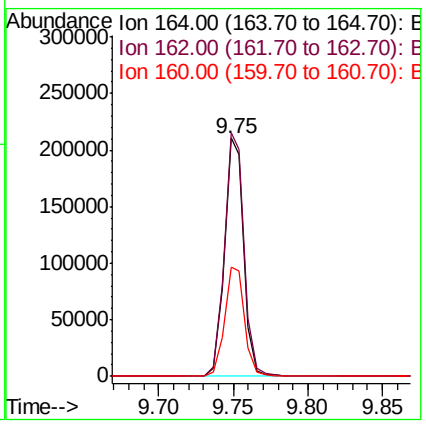


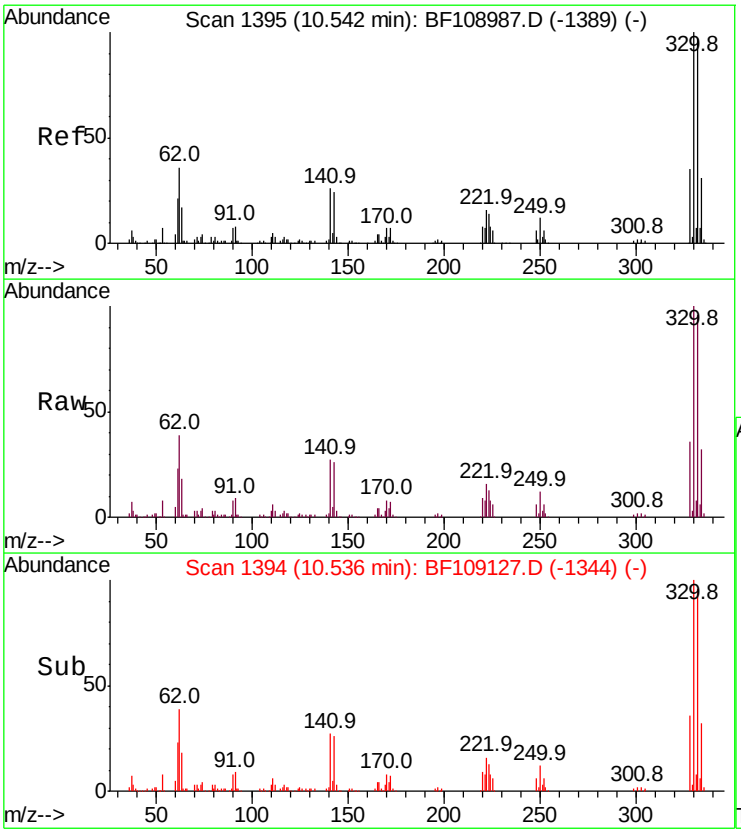
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 192691

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.0	38.3	57.5

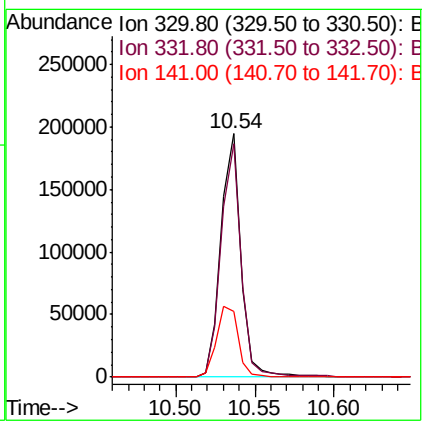


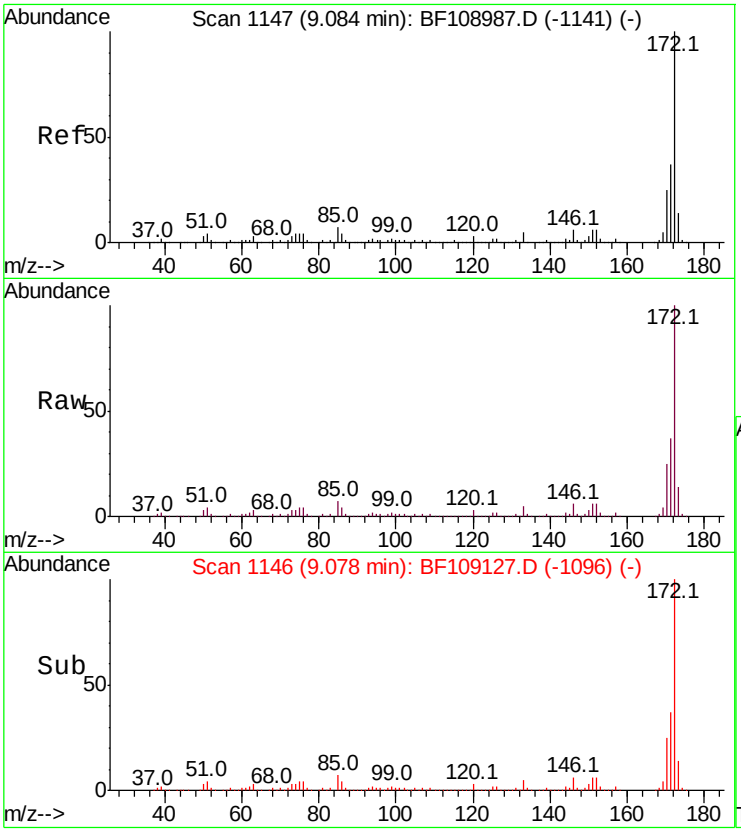


#41
2,4,6-Tribromophenol
Concen: 81.696 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:330 Resp: 170843

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.3	29.9	44.9



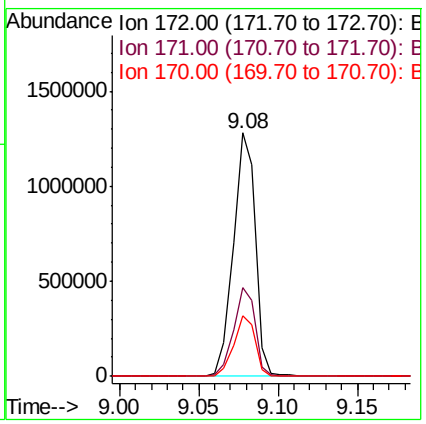


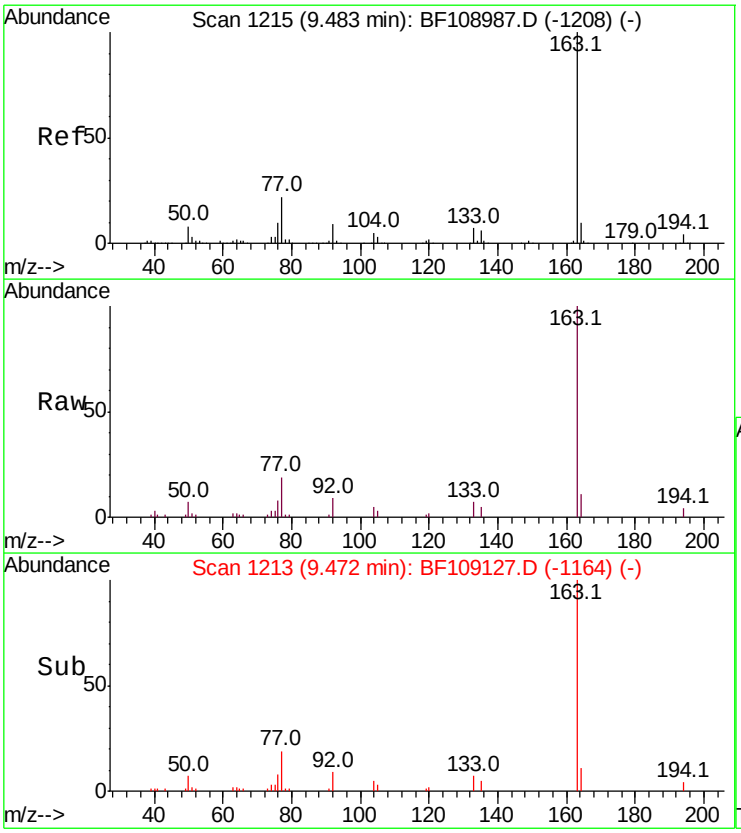
#44
2-Fluorobiphenyl
Concen: 100.229 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1232710

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

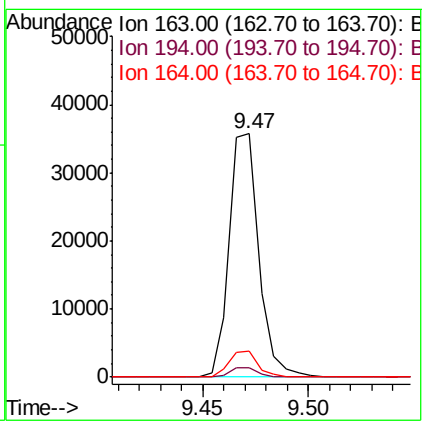


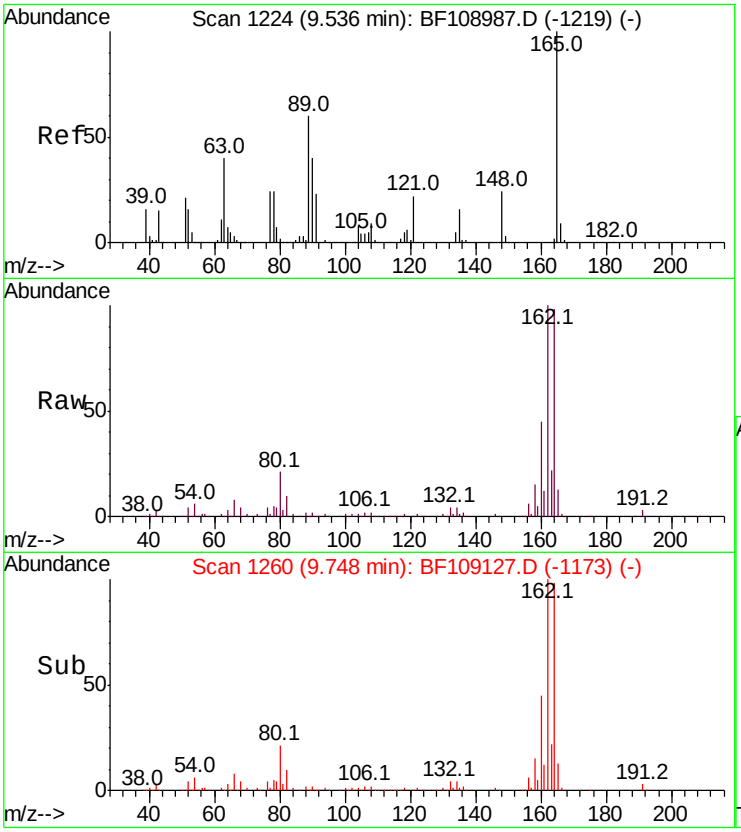


#49
Dimethylphthalate
Concen: 2.504 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:163 Resp: 34481

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.8	8.2	12.2



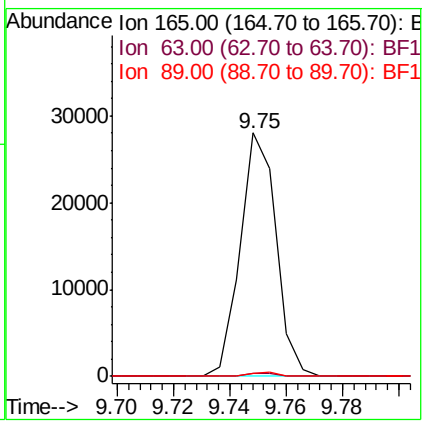


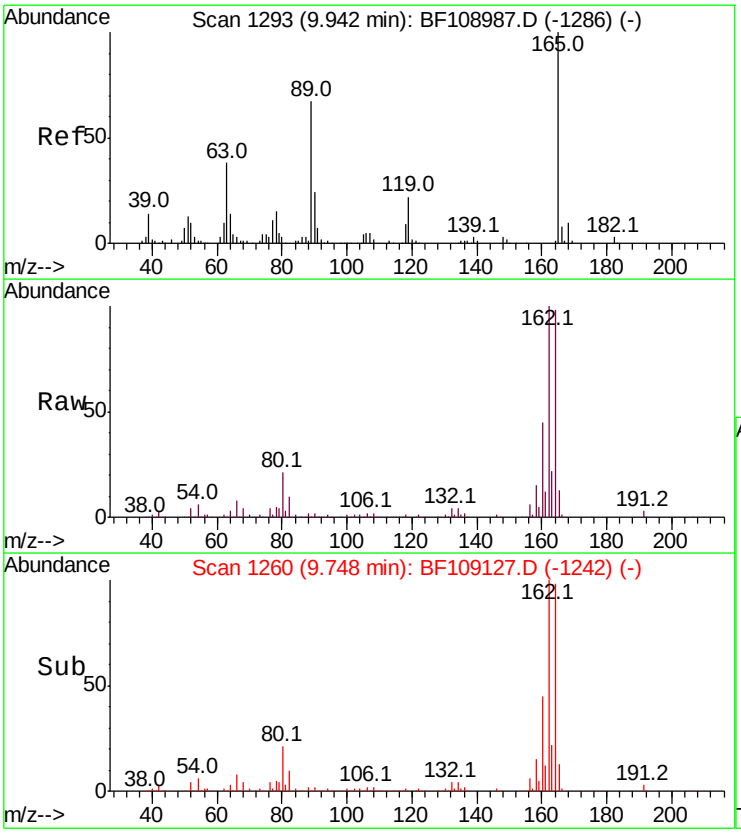
#50
2,6-Dinitrotoluene
Concen: 8.078 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24672

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#

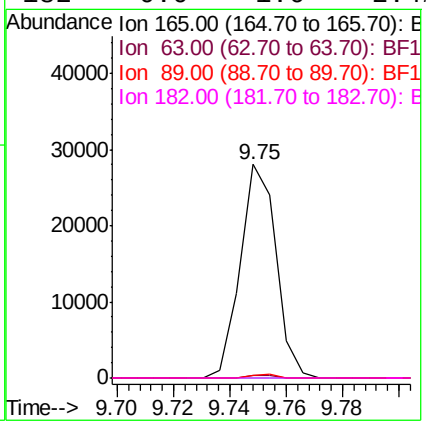


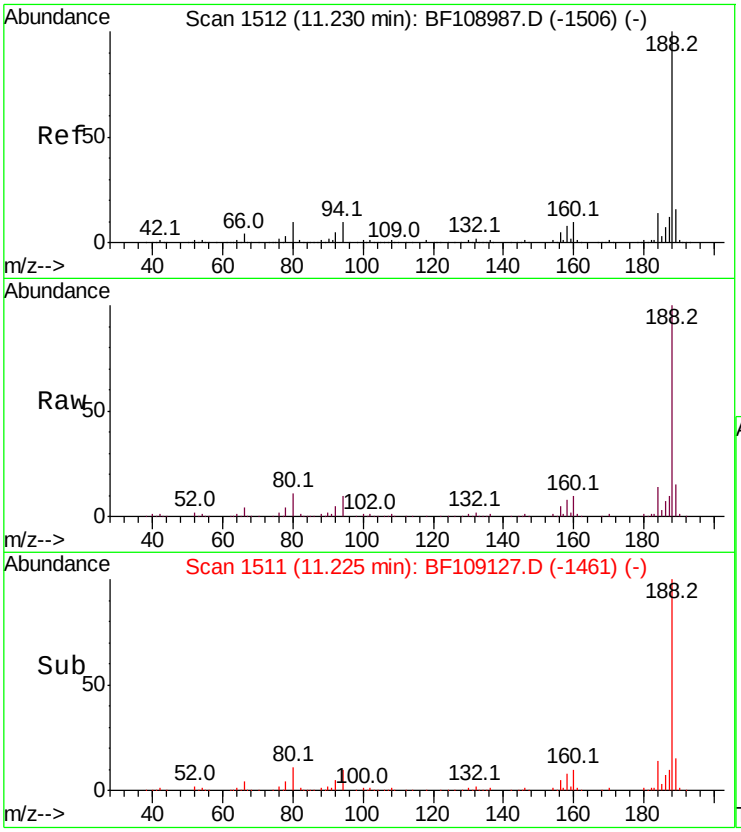


#56
2,4-Dinitrotoluene
Concen: 6.177 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:165 Resp: 24672

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



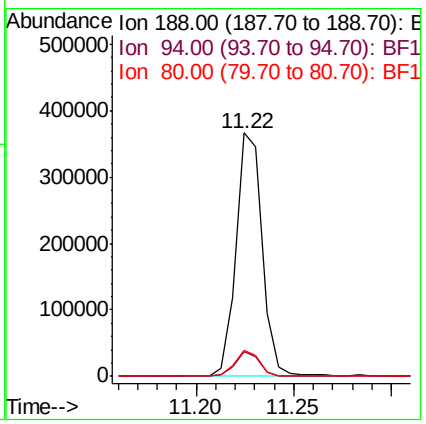


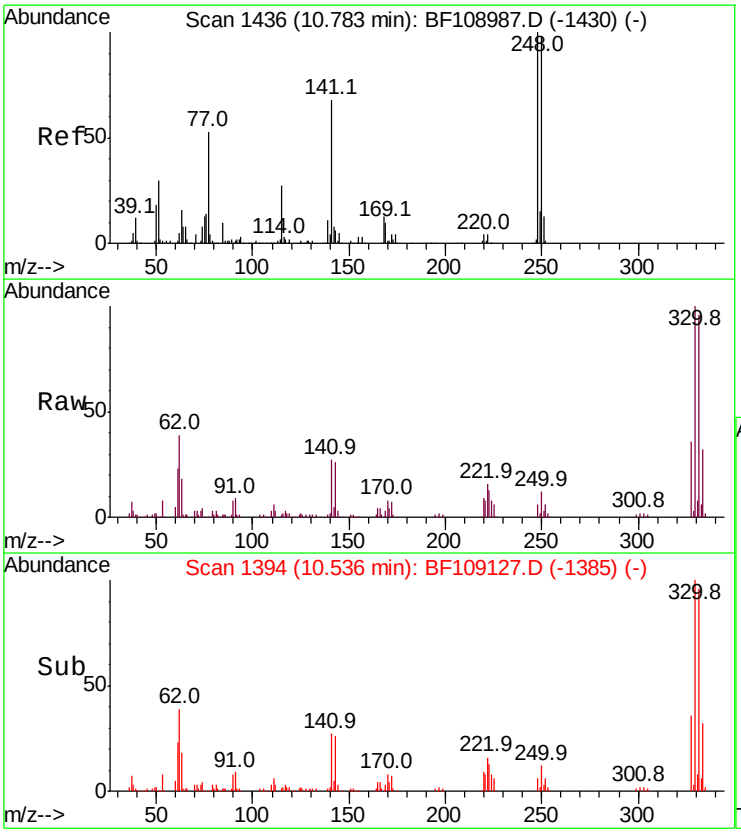
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 340560

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

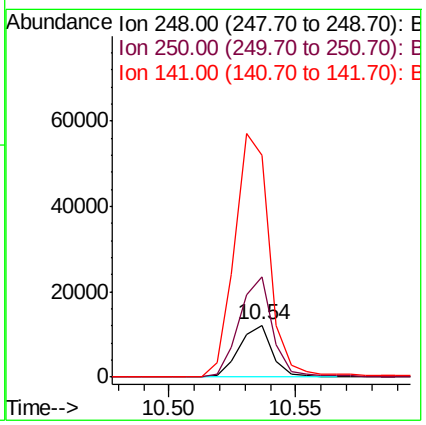


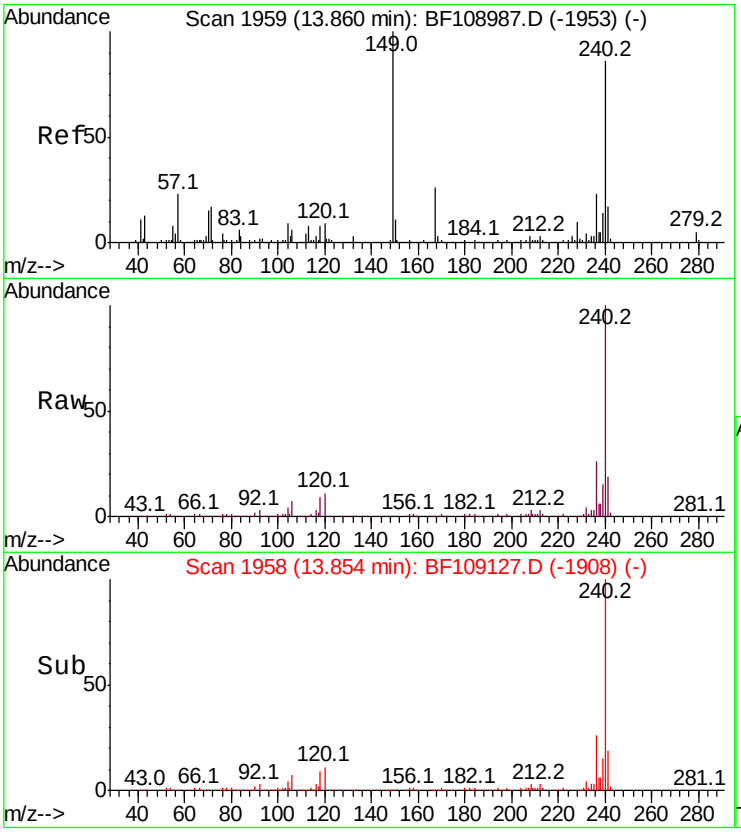


#66
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:248 Resp: 10818

Ion	Ratio	Lower	Upper
248	100		
250	195.0	76.9	115.3#
141	429.5	74.4	111.6#



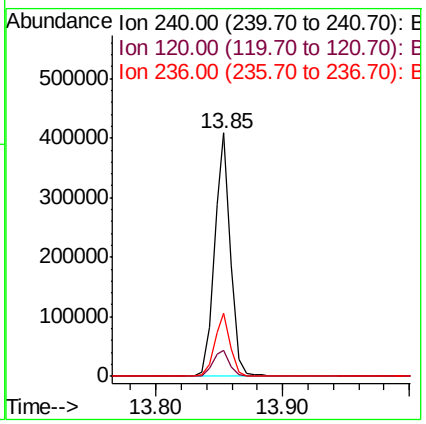


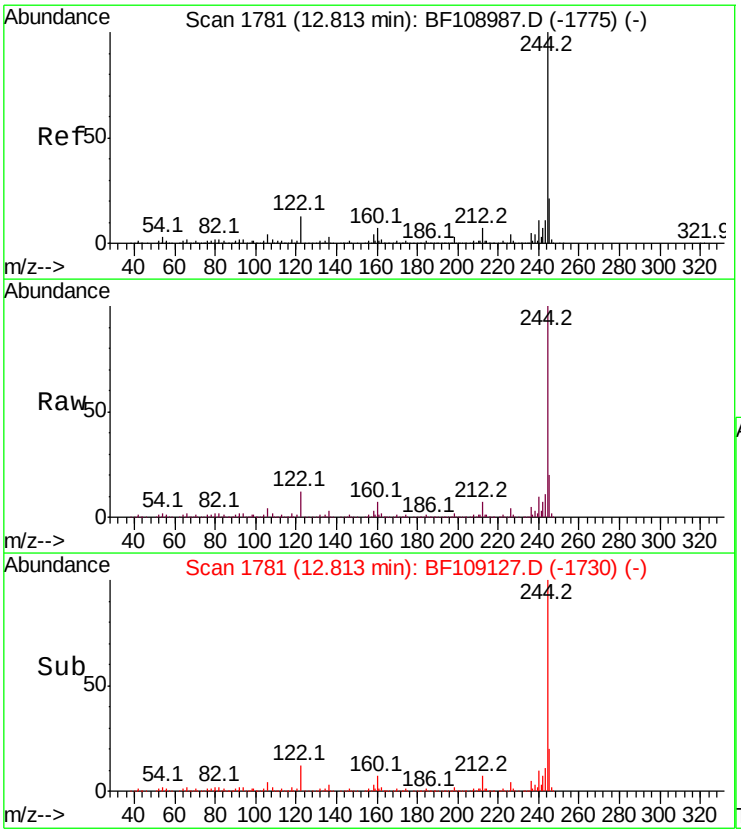
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 358961

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.7	20.7	31.1

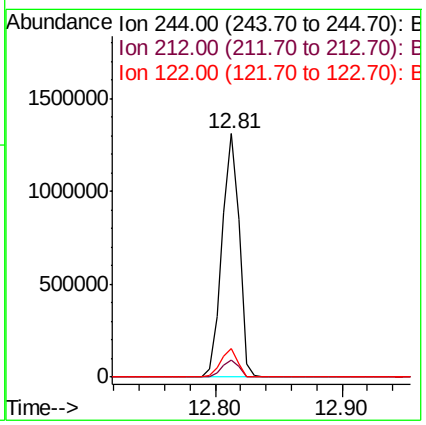


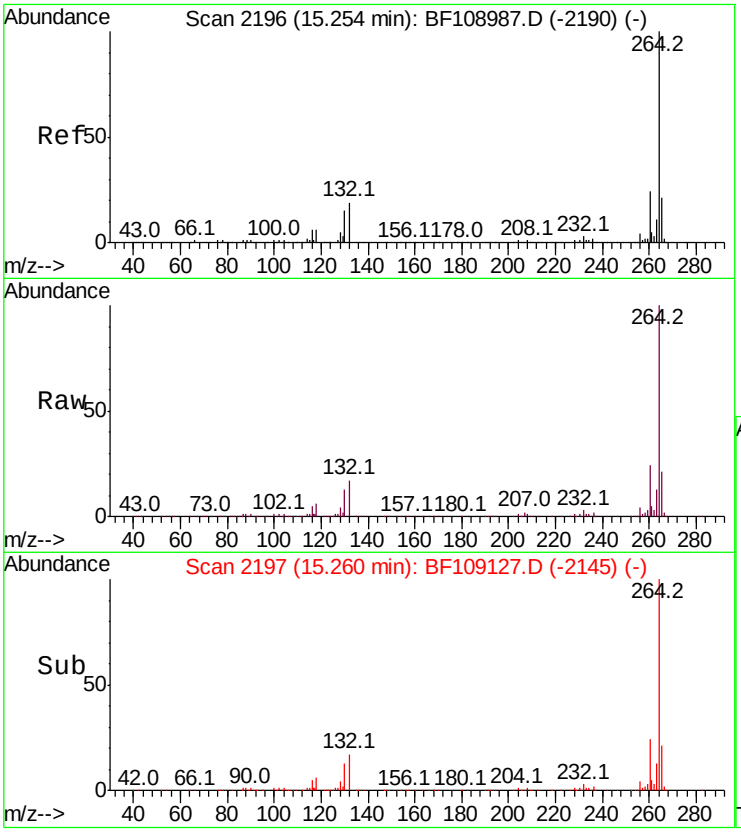


#78
Terphenyl-d14
Concen: 81.901 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Tgt Ion:244 Resp: 1240330

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109127.D
Acq: 19 Sep 2018 6:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 295198

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3