Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109083.D
Acq On : 18 Sep 2018 8:06
Operator : JU/SJ
Sample : J4930-02
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 18 18:11:22 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	136418	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	476236	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	197732	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	352044	20.00	ng	0.00
75) Chrysene-d12	13.85	240	318175	20.00	ng	0.00
86) Perylene-d12	15.25	264	247783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	387233	47.15	ng	0.00
7) Phenol-d6	6.35	99	312847	29.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	901730	106.20	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	208043	96.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1424912	112.90	ng	0.00
78) Terphenyl-d14	12.81	244	1370612	102.10	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	15736	2.326	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	123863	17.693	ng	# 76
25) Isophorone	7.28	82	896522	61.425	ng	# 64
49) Dimethylphthalate	9.47	163	92641	6.555	ng	99
50) 2,6-Dinitrotoluene	9.75	165	25637	8.180	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25637	6.255	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12431	3.132	ng	# 1

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

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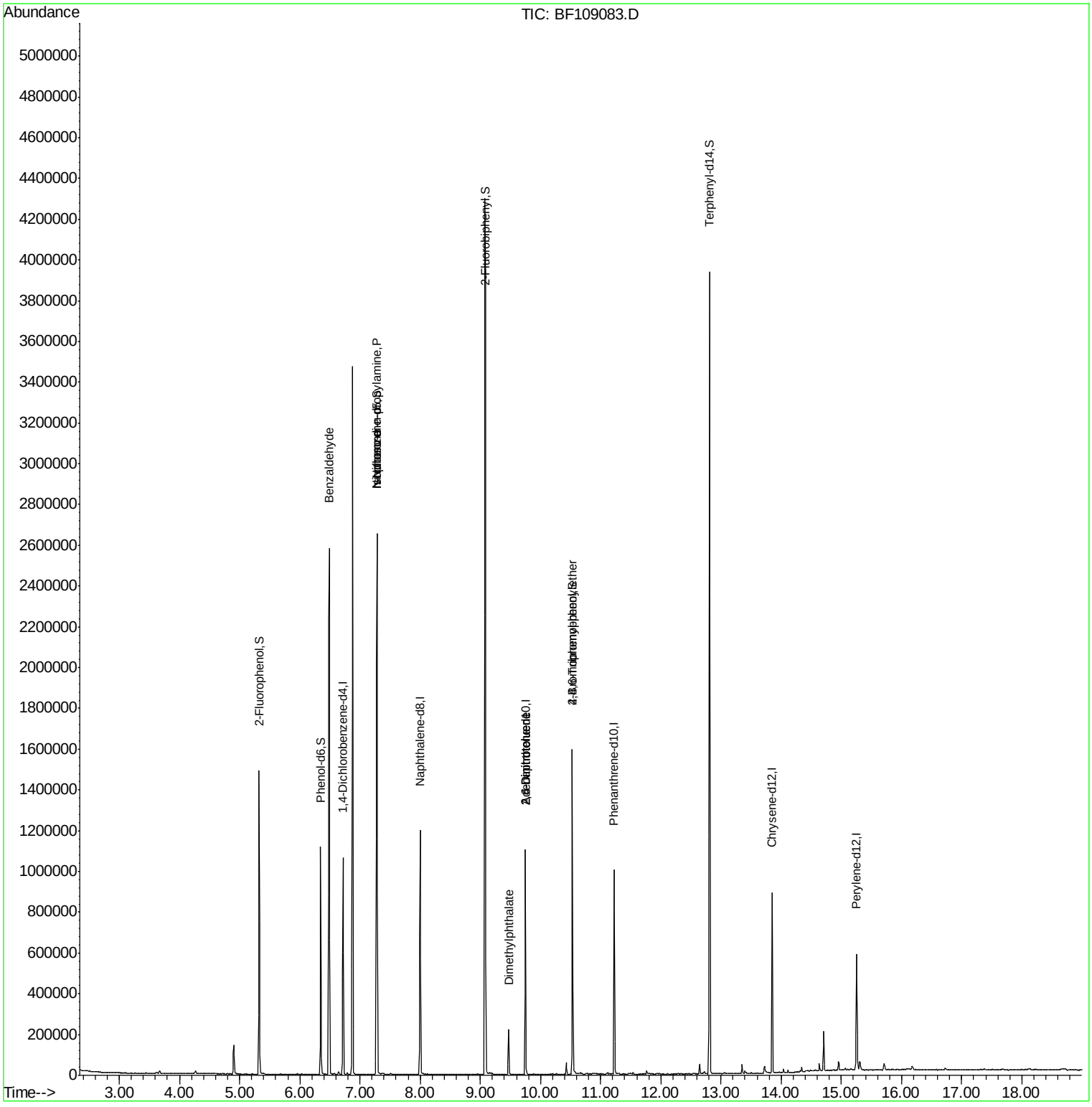
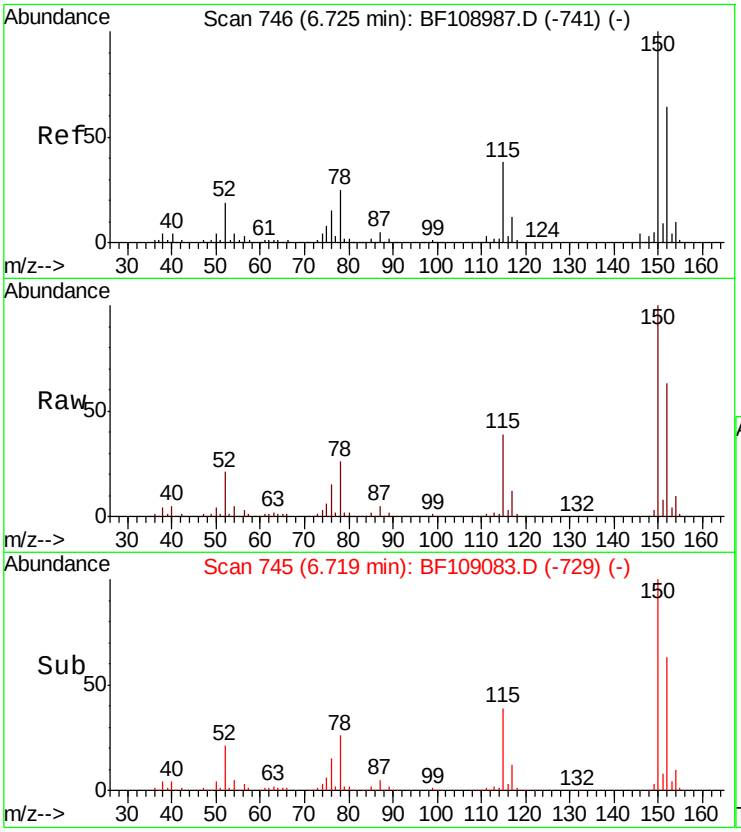


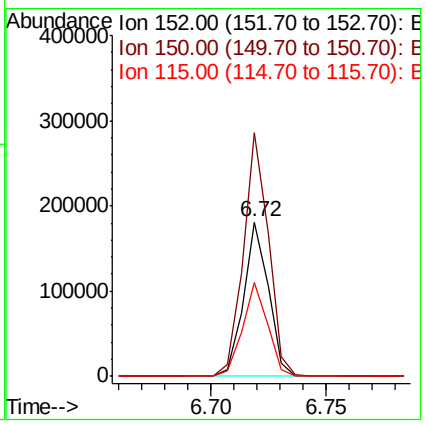


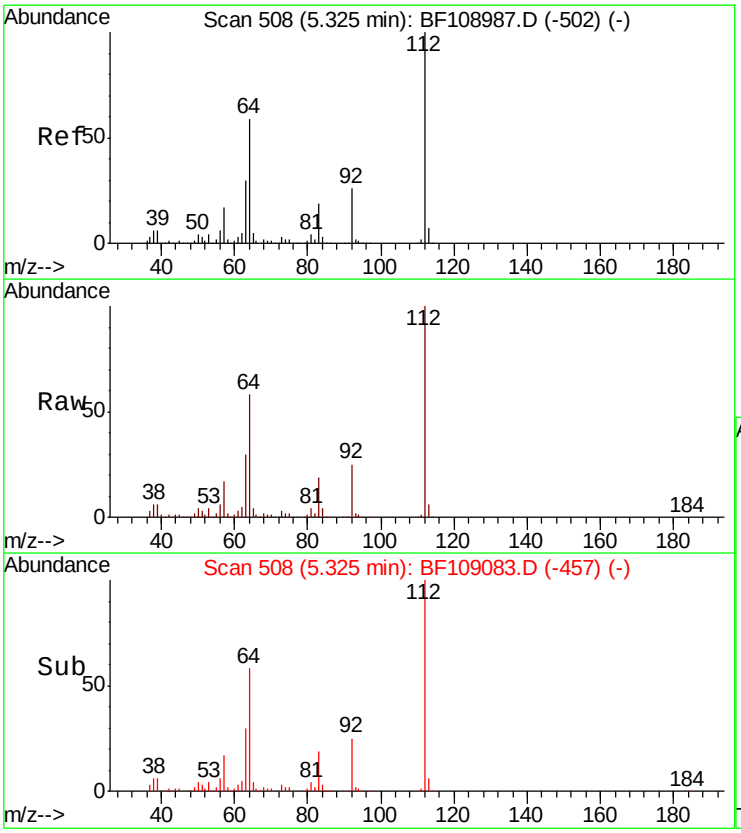
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136418

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.0	50.1	75.1

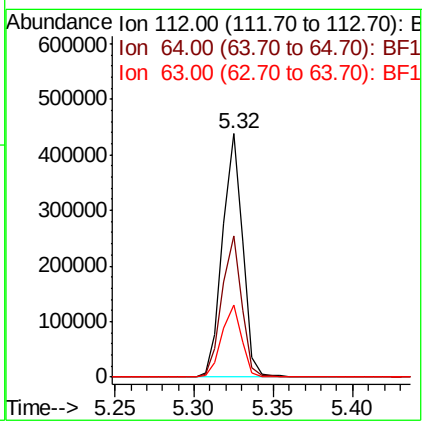


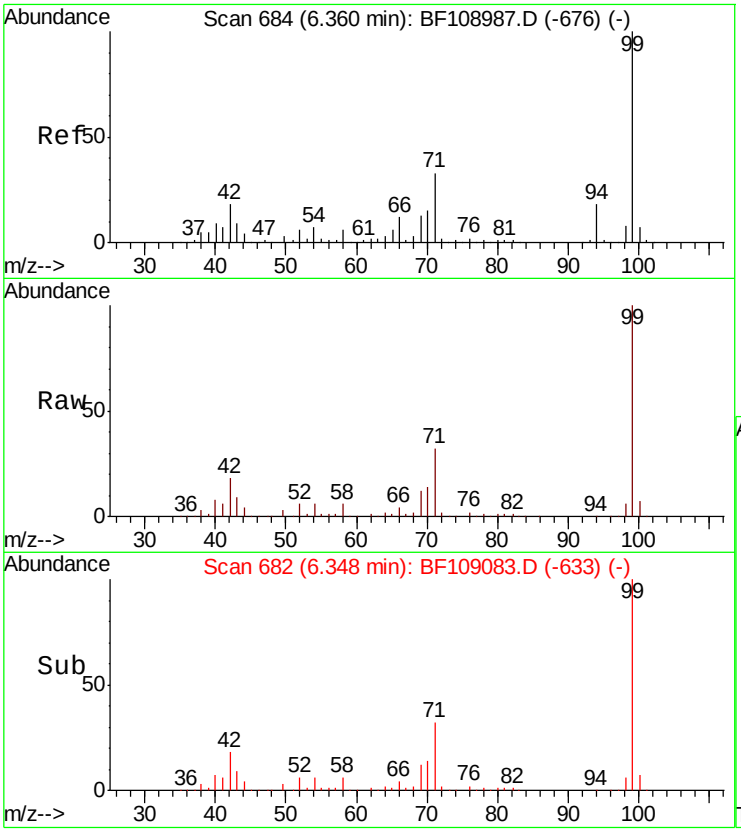


#5
2-Fluorophenol
Concen: 47.145 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:112 Resp: 387233

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.7	23.7	35.5



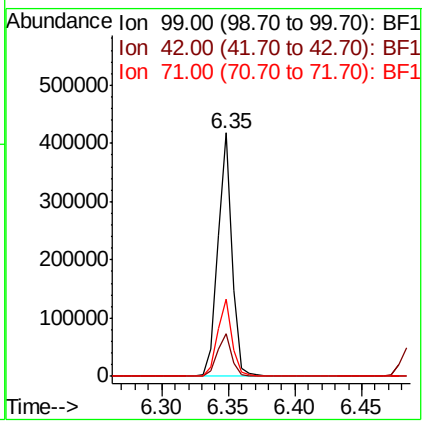


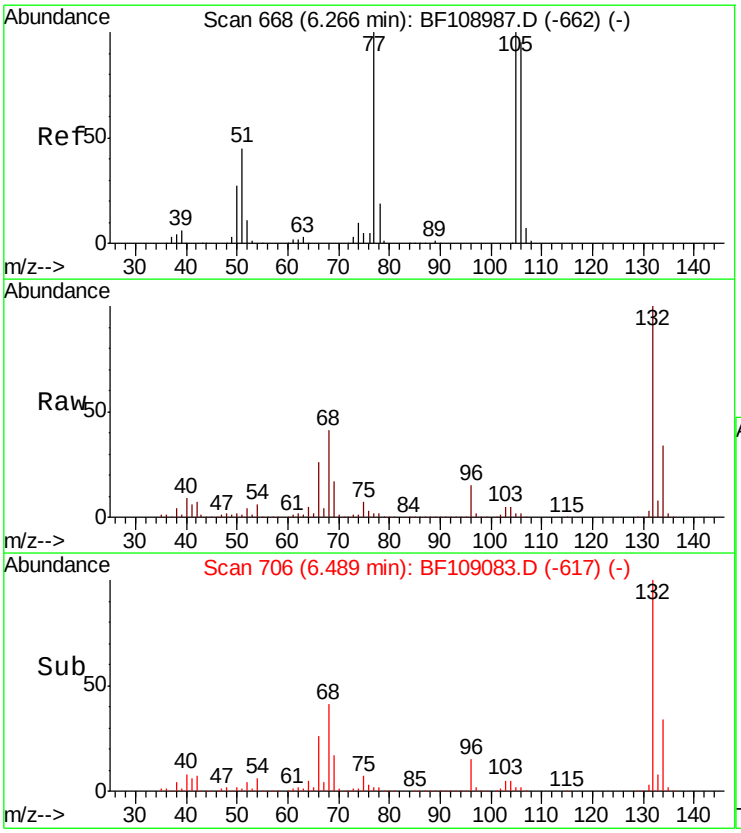
#7
Phenol-d6
Concen: 29.539 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 312847

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	31.6	25.4	38.0

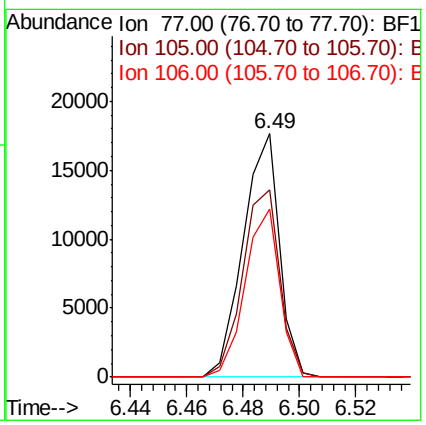


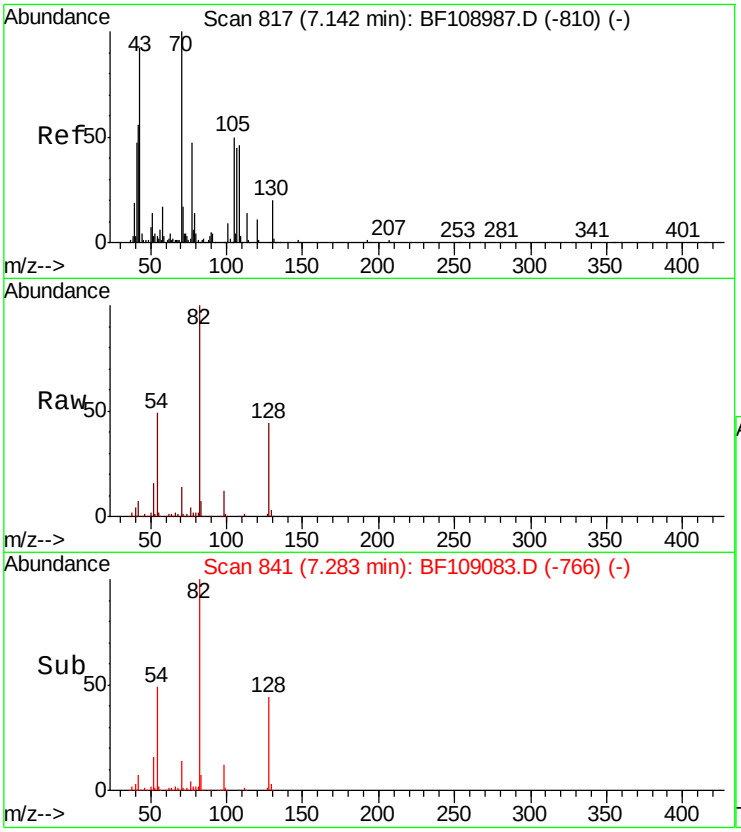


#9
Benzaldehyde
Concen: 2.326 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.22 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 77 Resp: 15736

Ion	Ratio	Lower	Upper
77	100		
105	77.0	81.1	121.1#
106	68.9	74.5	114.5#



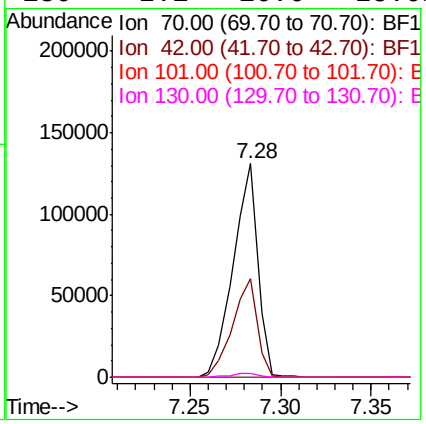


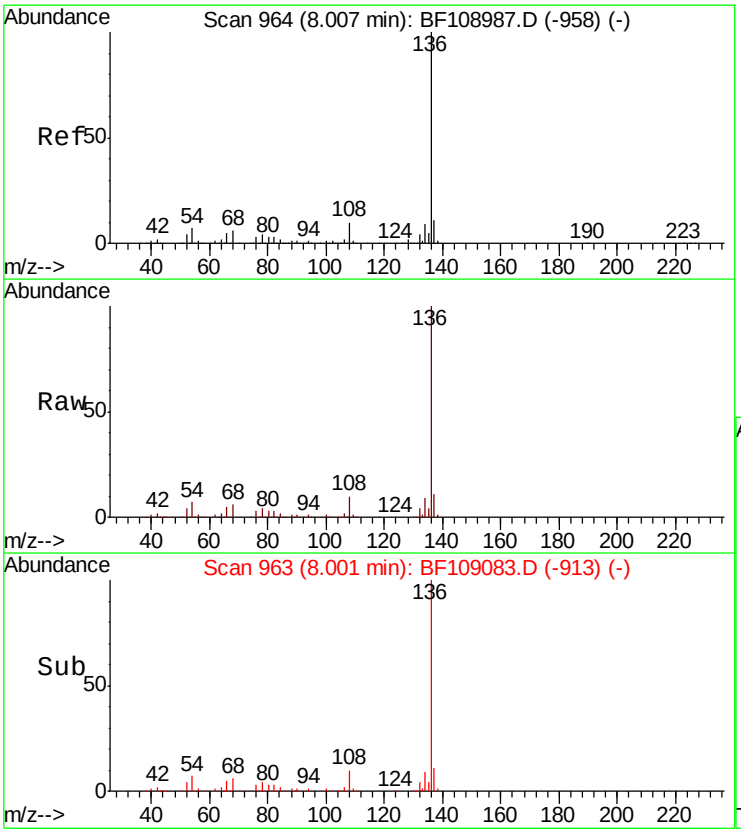
#19
n-Nitroso-di-n-propylamine
Concen: 17.693 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 123863

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

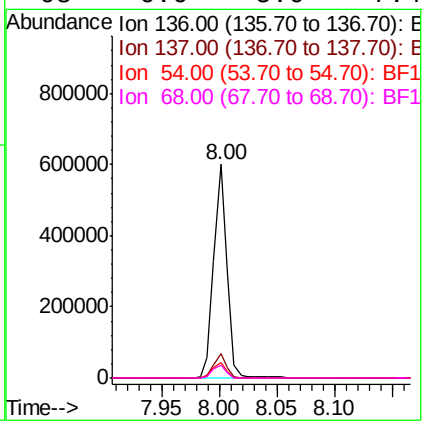


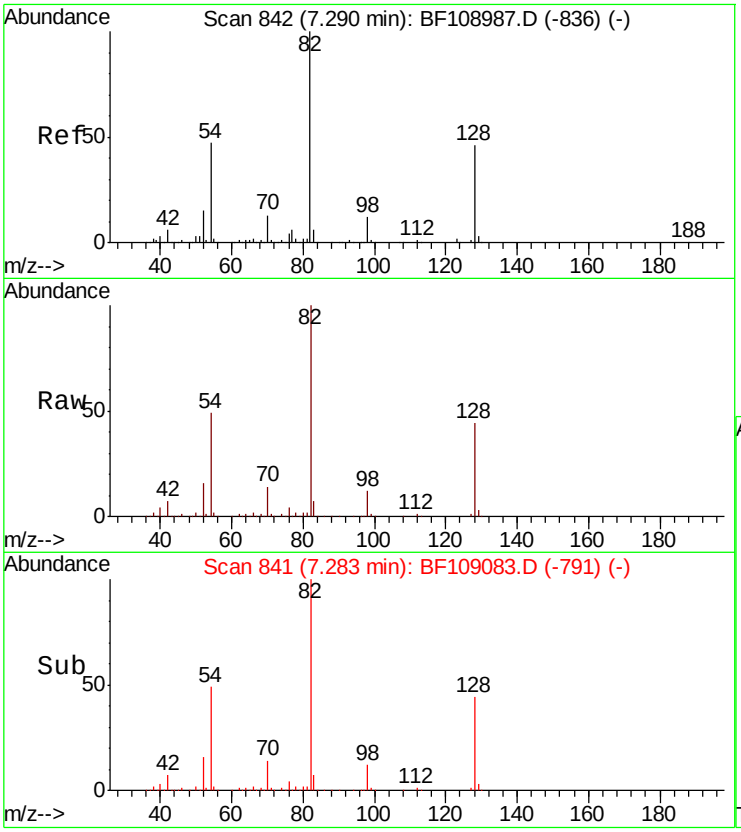


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:136 Resp: 476236

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4



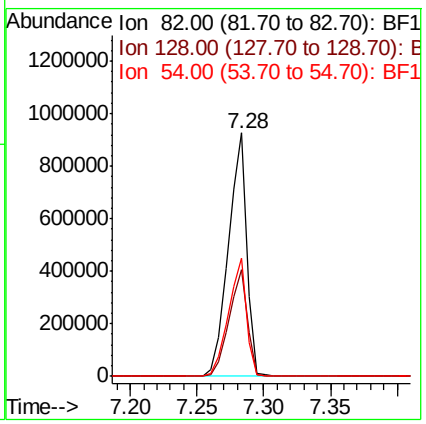


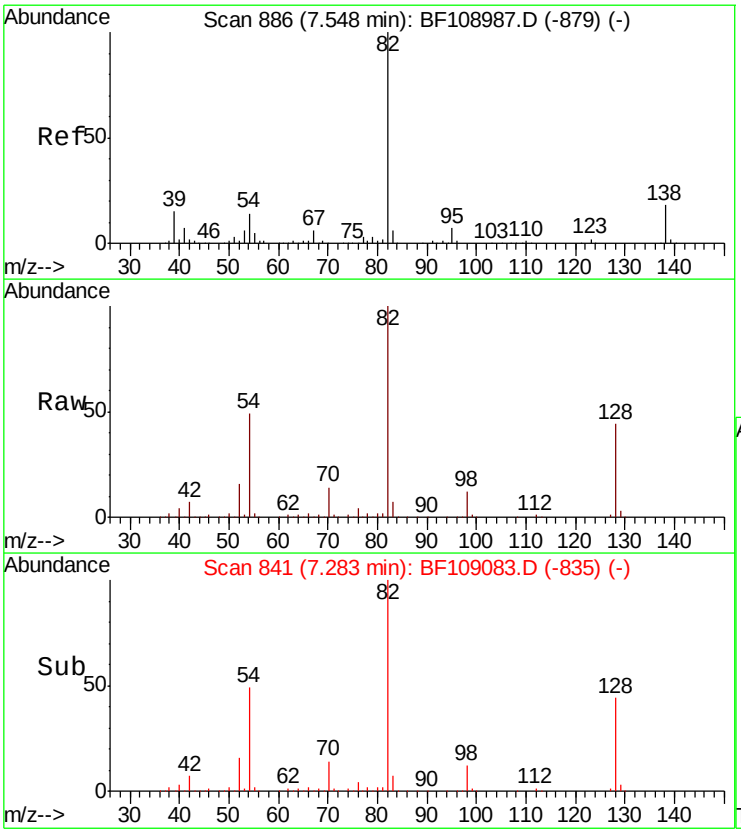
#23
Nitrobenzene-d5
Concen: 106.200 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 901730

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	48.6	41.4	62.2

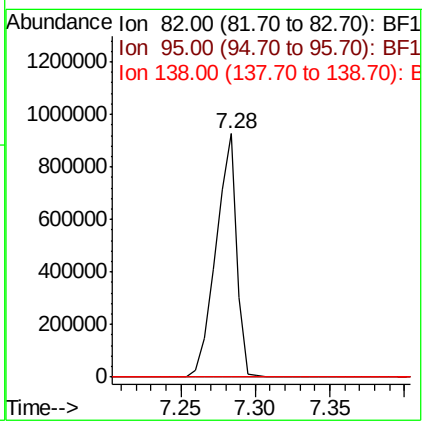


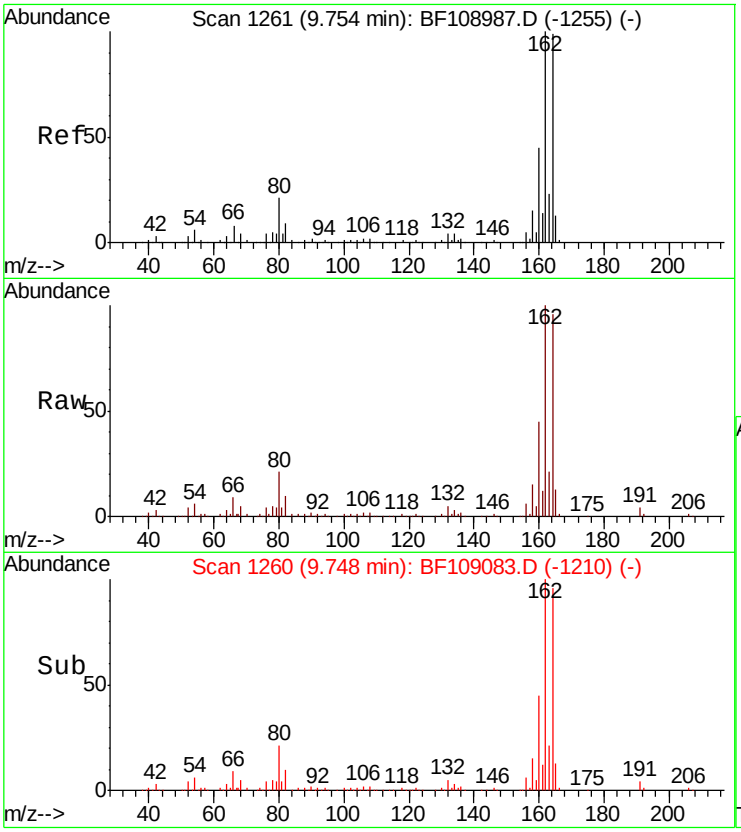


#25
Isophorone
Concen: 61.425 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion: 82 Resp: 896522

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

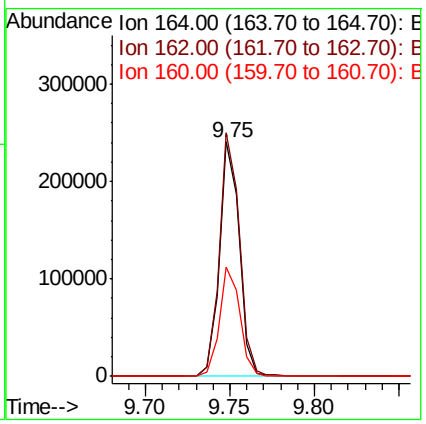




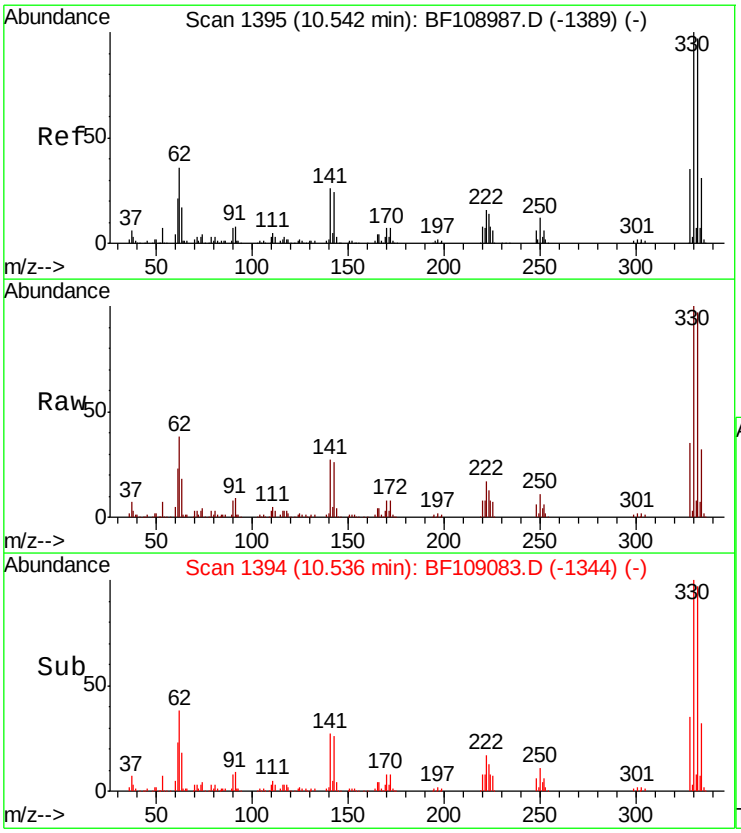
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:164 Resp: 197732

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.8	38.3	57.5



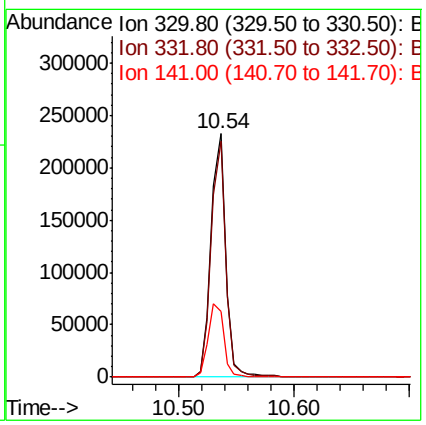
Instrument :
BNA_F
ClientSampleId :

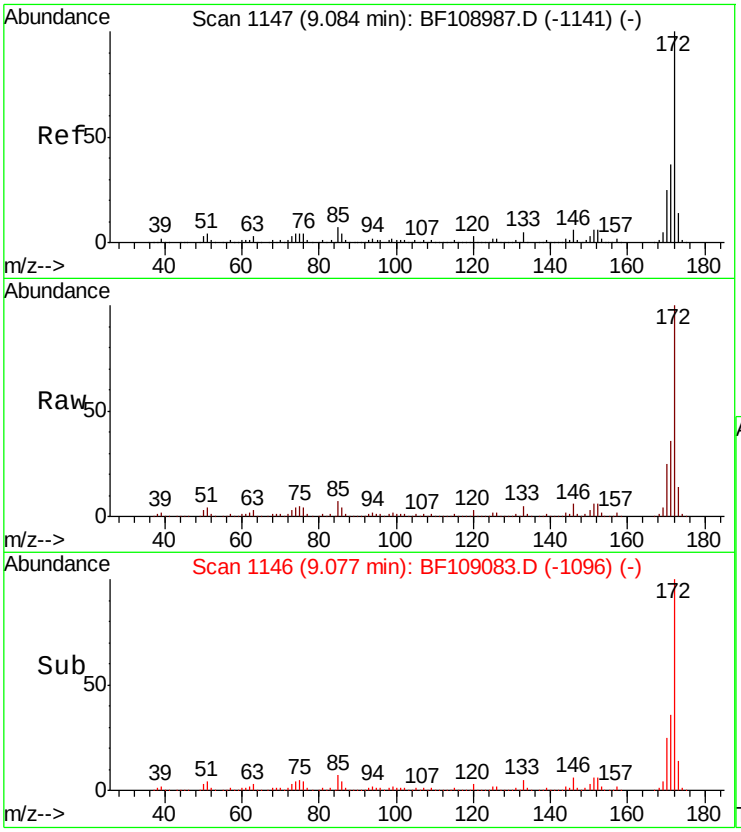


#41
2,4,6-Tribromophenol
Concen: 96.948 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:330 Resp: 208043

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.9	29.9	44.9



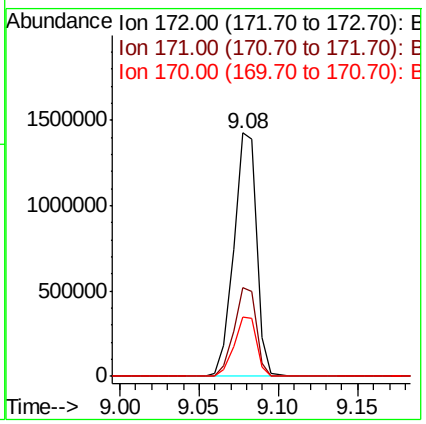


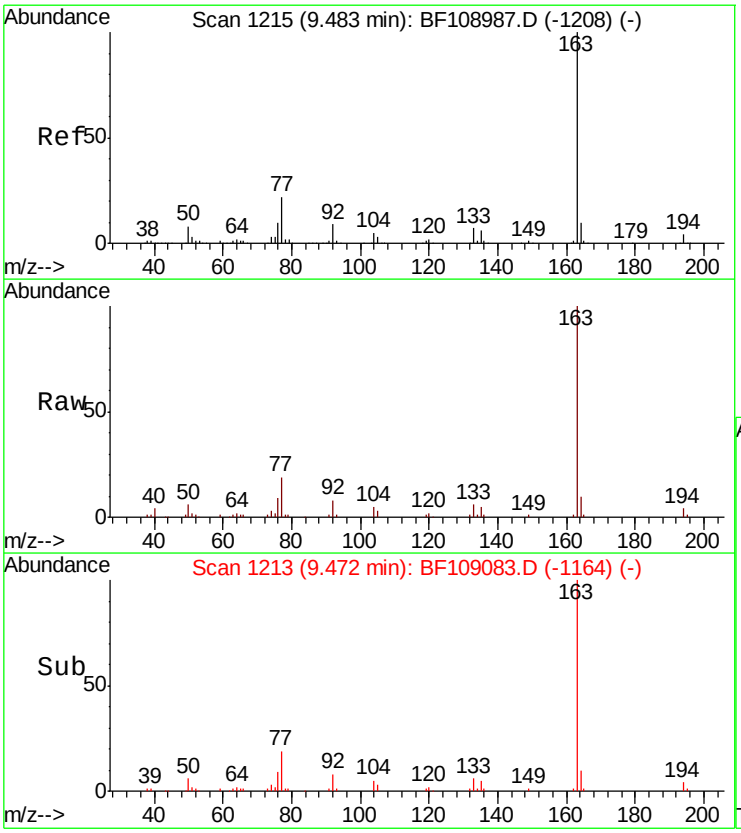
#44
2-Fluorobiphenyl
Concen: 112.903 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1424912

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

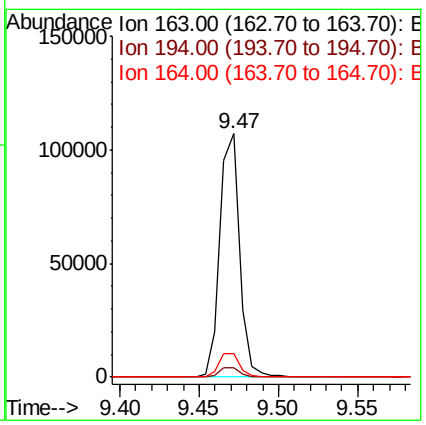


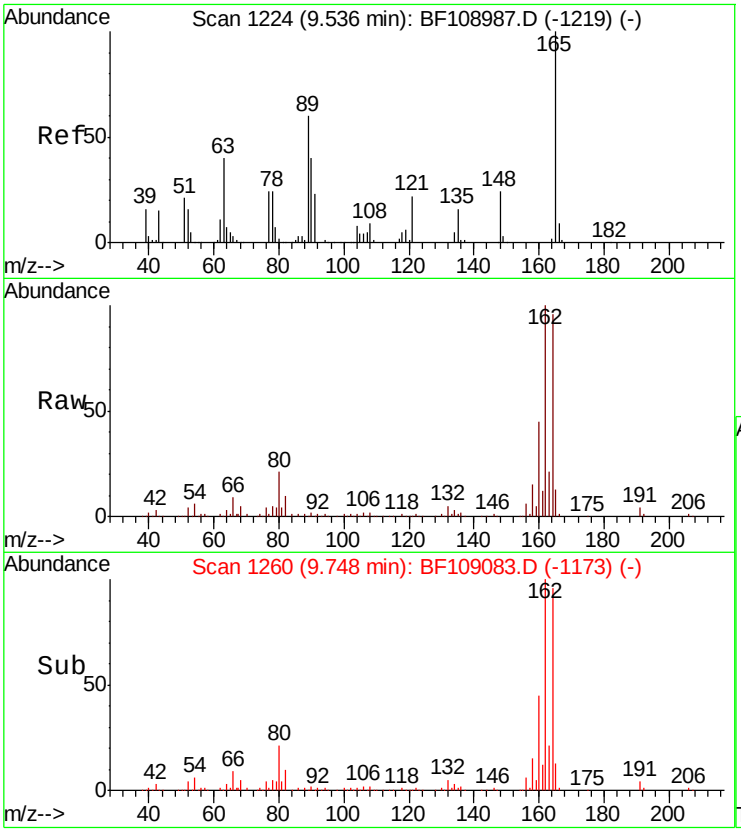


#49
Dimethylphthalate
Concen: 6.555 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:163 Resp: 92641

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2



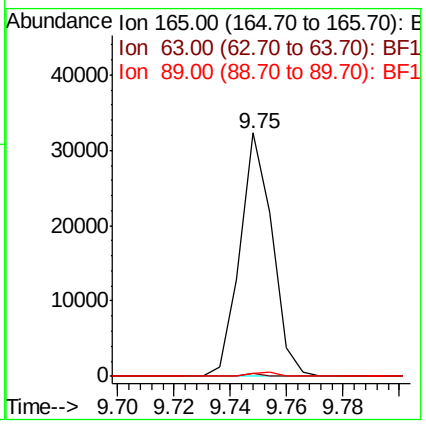


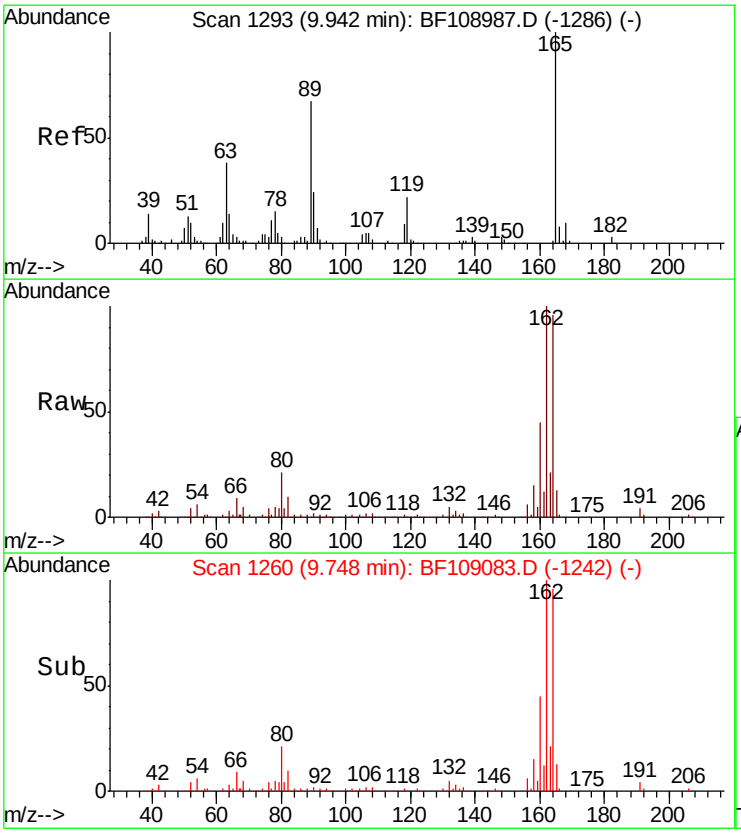
#50
2,6-Dinitrotoluene
Concen: 8.180 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25637

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#

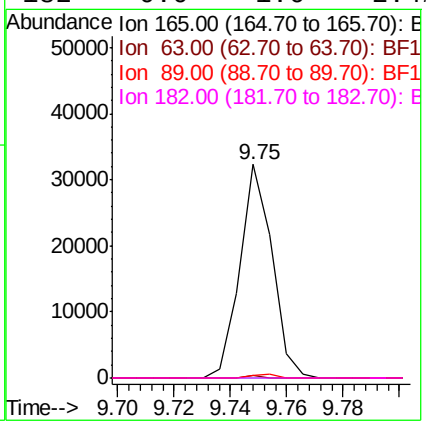


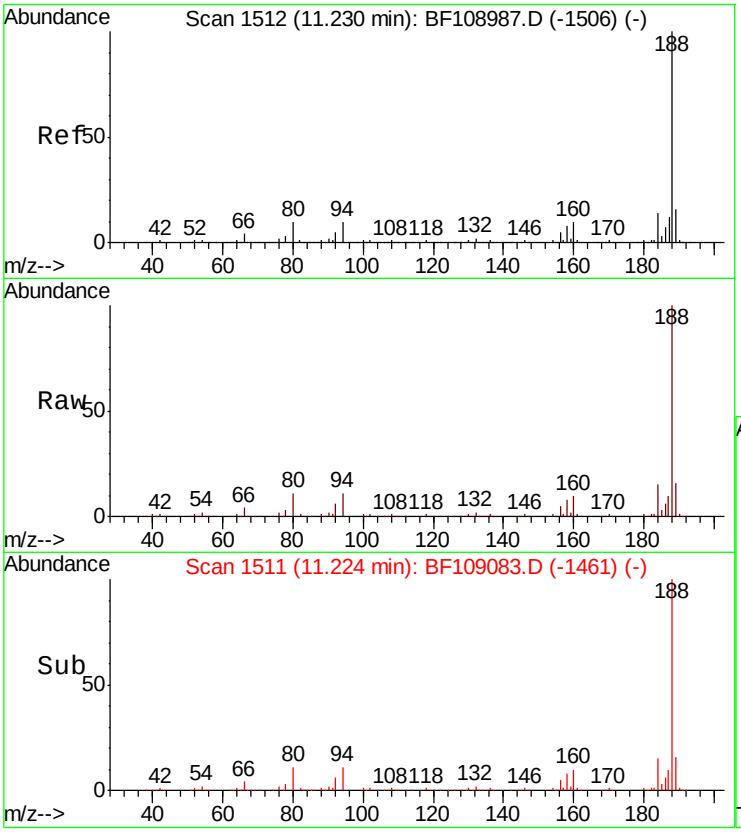


#56
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:165 Resp: 25637

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#



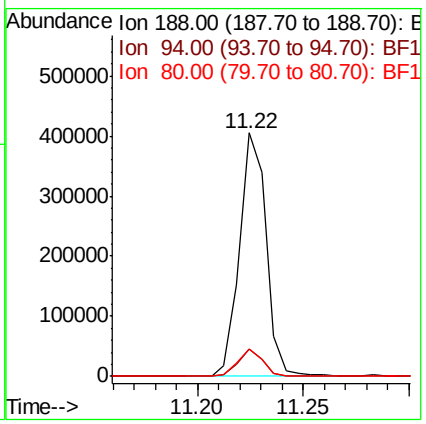


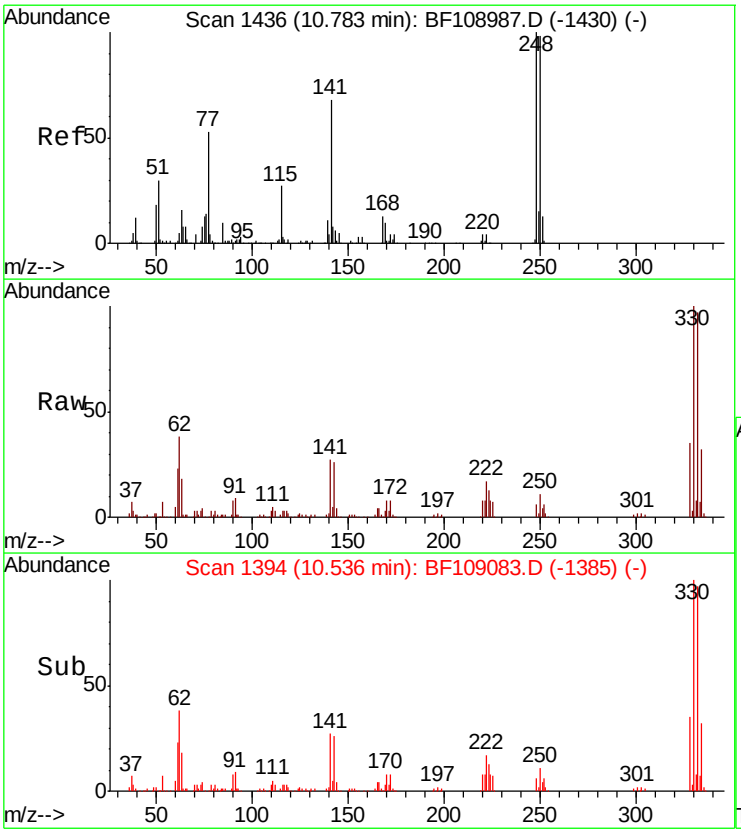
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 352044

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.2	9.2	13.8

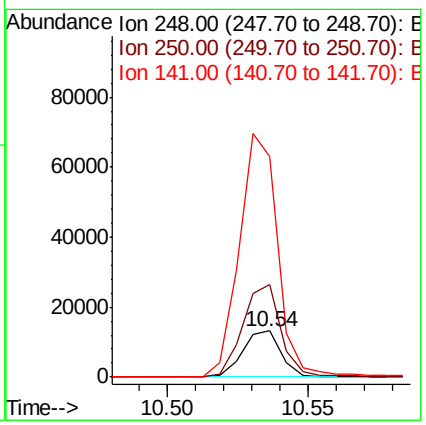


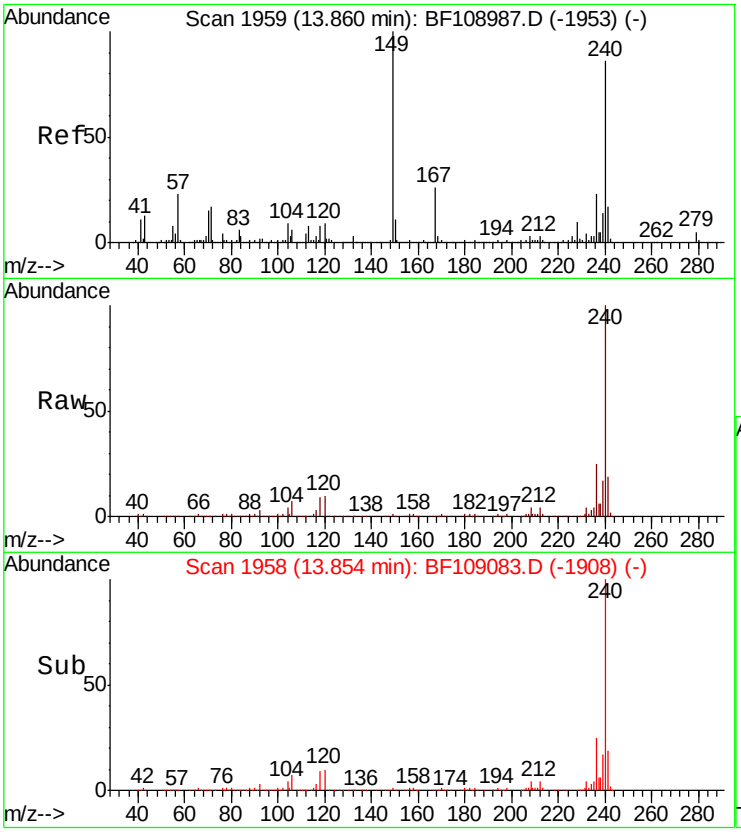


#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:248 Resp: 12431

Ion	Ratio	Lower	Upper
248	100		
250	199.3	76.9	115.3#
141	474.9	74.4	111.6#



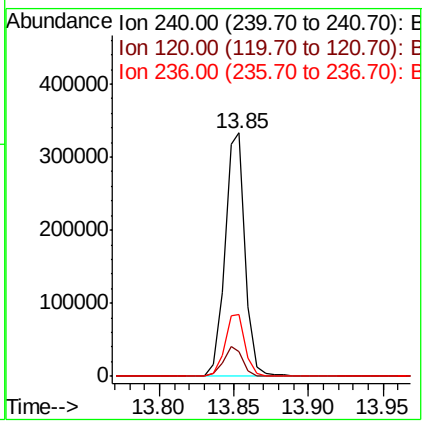


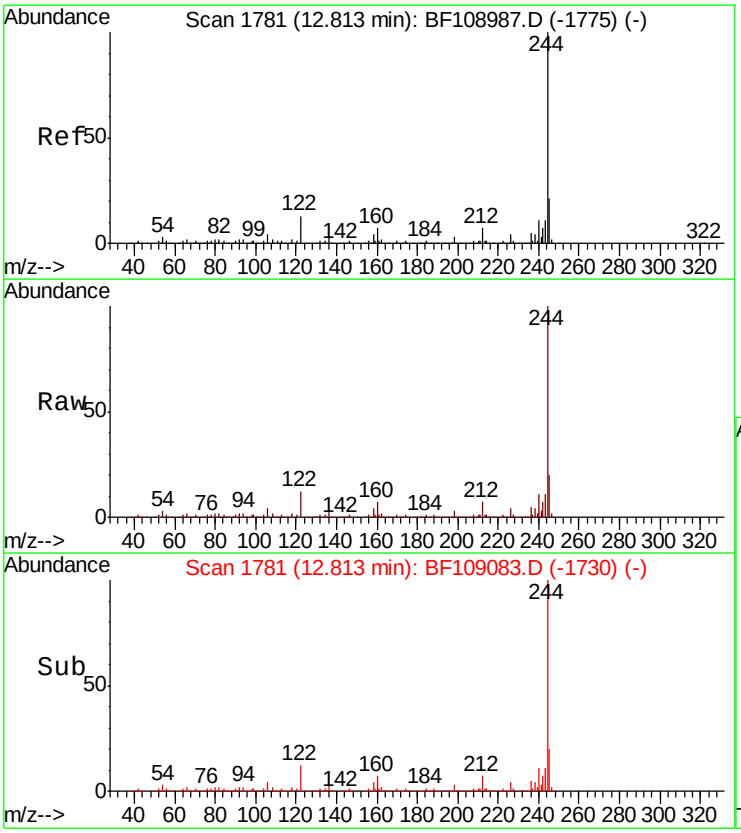
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 318175

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.3	20.7	31.1

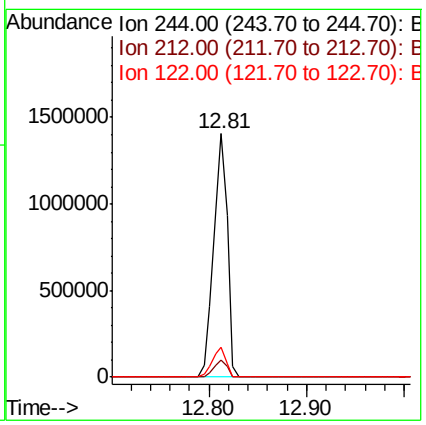


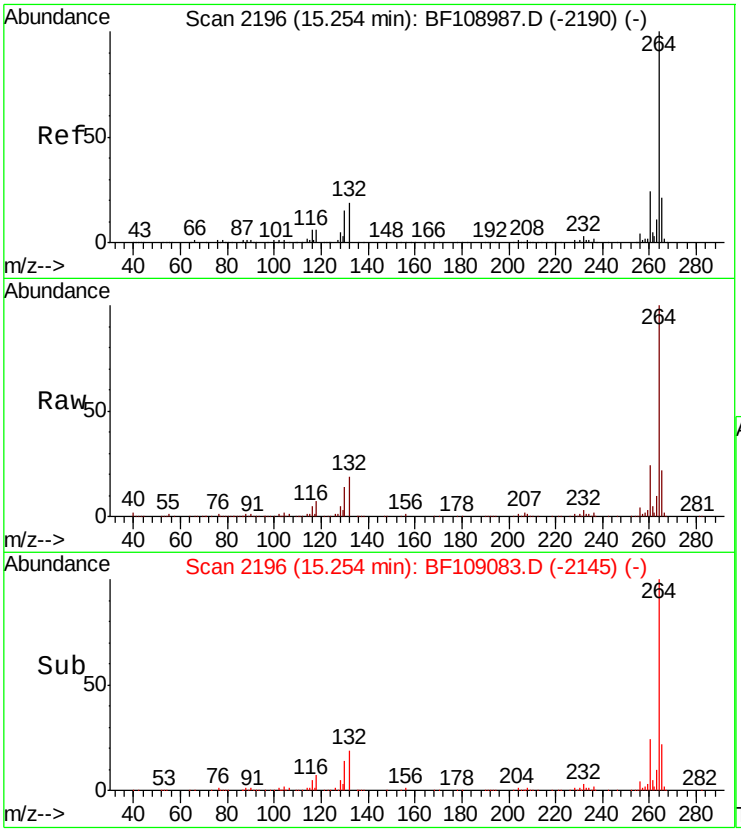


#78
Terphenyl-d14
Concen: 102.105 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:244 Resp: 1370612

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 247783

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3