Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109204.D
Acq On : 21 Sep 2018 1:19
Operator : JU/SJ
Sample : J4892-12DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:52 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	98688	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	382711	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	160096	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	245662	20.00	ng		0.00
75) Chrysene-d12	13.85	240	190242	20.00	ng		-0.01
86) Perylene-d12	15.25	264	222049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	52246	8.79	ng		0.01
7) Phenol-d6	6.35	99	102927	13.43	ng		-0.01
23) Nitrobenzene-d5	7.28	82	275671	40.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	90412	52.04	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	399222	39.07	ng		0.00
78) Terphenyl-d14	12.81	244	310832	38.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	191938	39.224	ng	#	1
18) Hexachloroethane	7.22	117	11215	4.048	ng	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	38196	7.542	ng	#	82
22) Acetophenone	7.12	105	105125	12.095	ng	#	59
25) Isophorone	7.28	82	271669	23.162	ng	#	64
31) Naphthalene	8.03	128	1220118	68.688	ng		100
33) 4-Chloroaniline	8.03	127	167248	21.176	ng	#	35
37) 2-Methylnaphthalene	8.71	142	285098	24.622	ng		97
49) Dimethylphthalate	9.47	163	133695	11.684	ng		100
56) 2,4-Dinitrotoluene	9.75	165	21898	6.598	ng	#	25

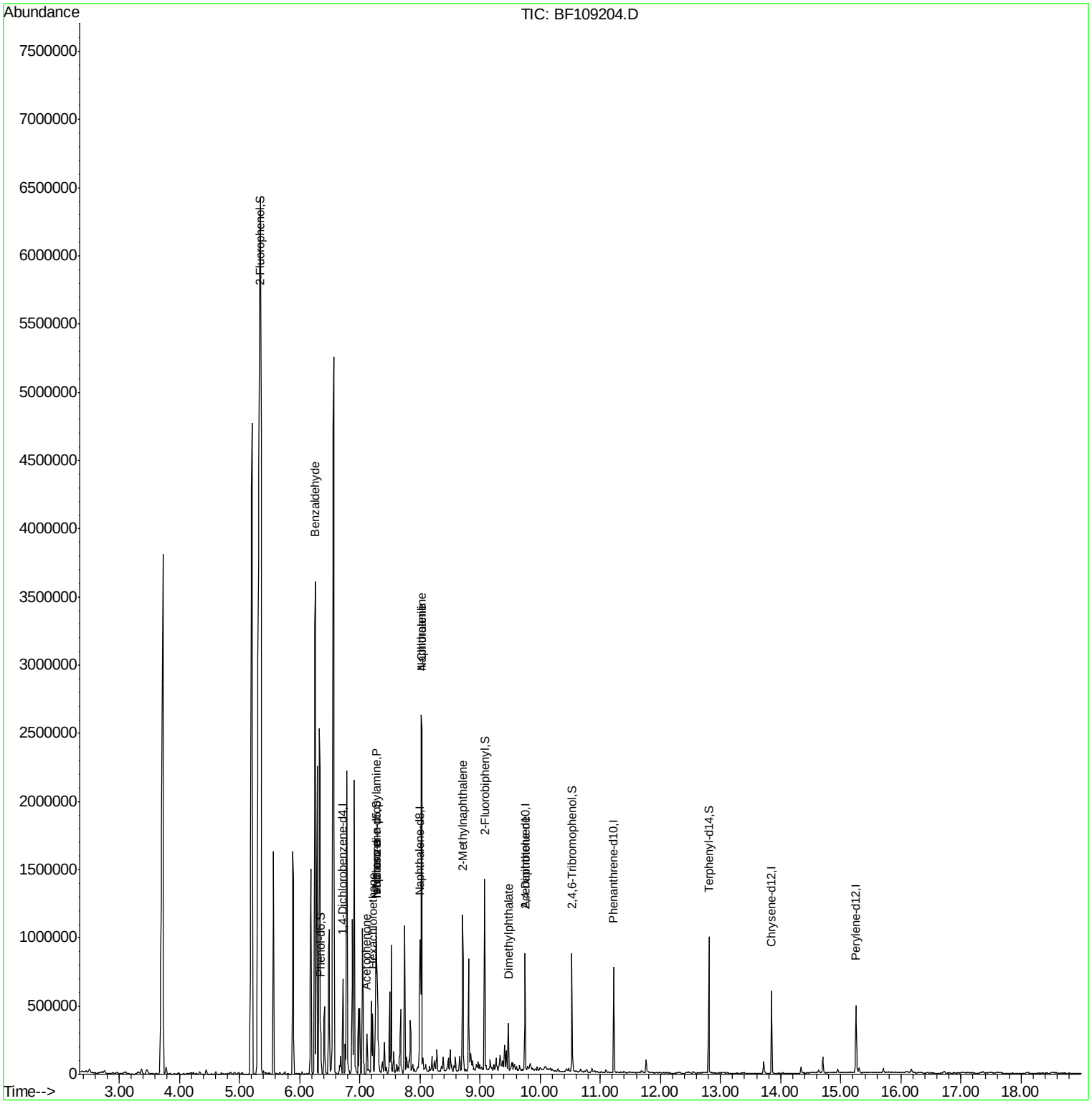
(#) = qualifier out of range (m) = manual integration (+) = signals summed

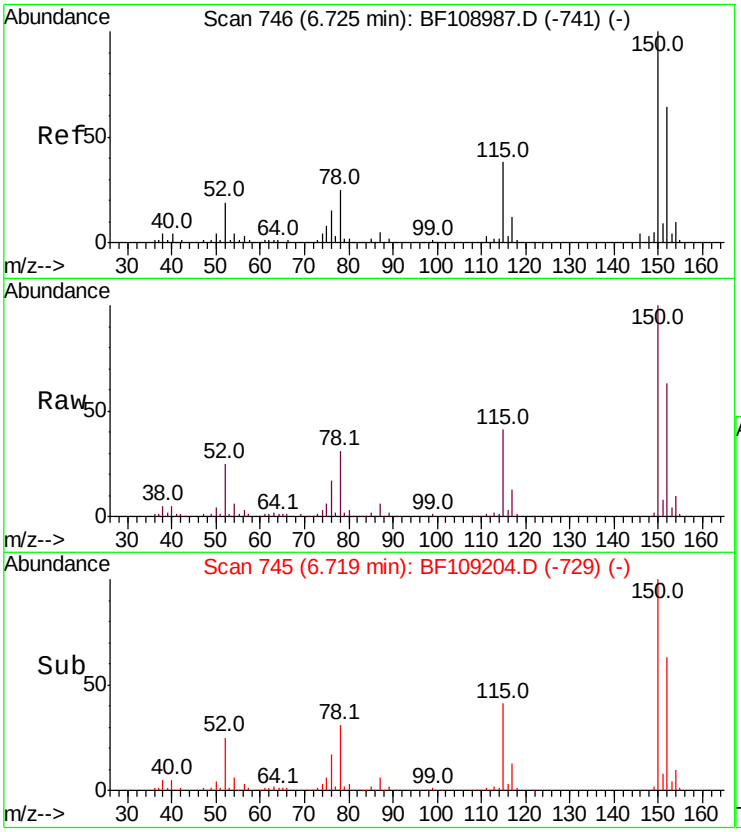
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109204.D
Acq On : 21 Sep 2018 1:19
Operator : JU/SJ
Sample : J4892-12DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:52 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



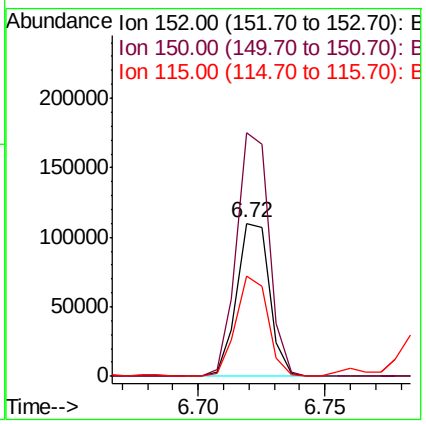


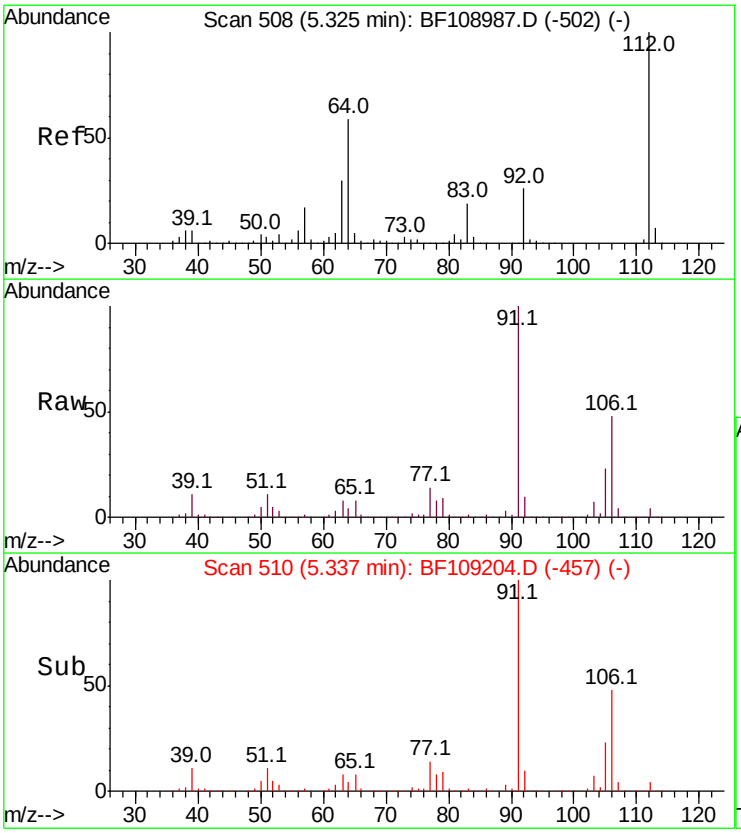
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98688

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	65.2	50.1	75.1

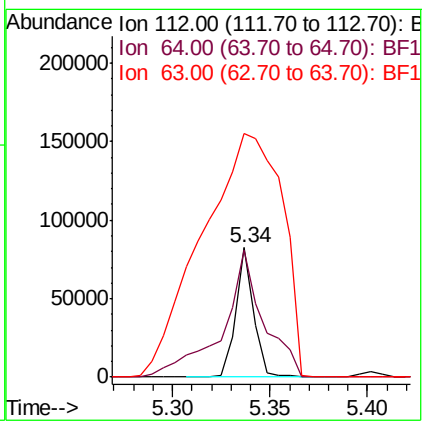


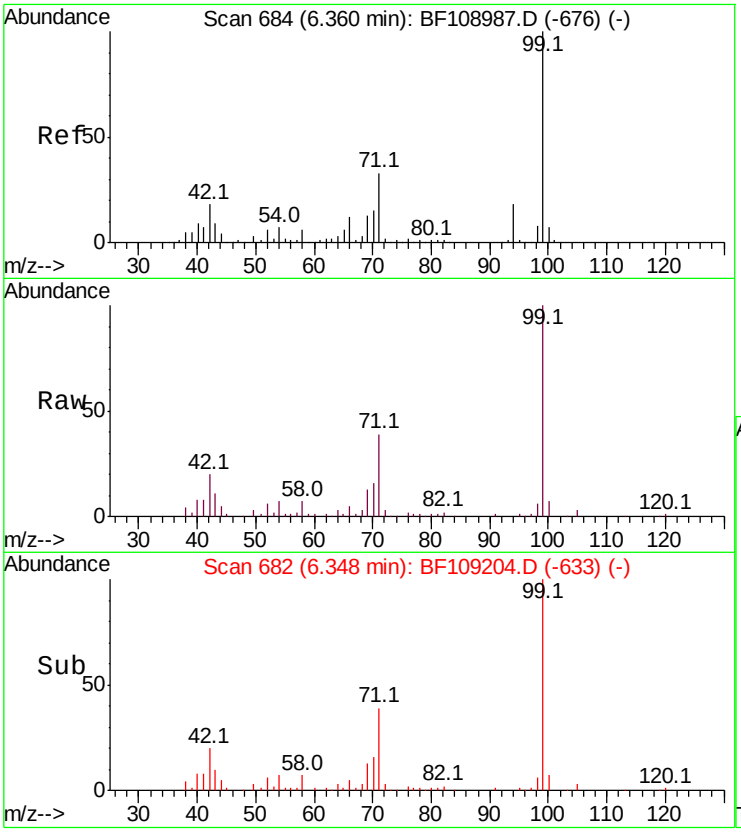


#5
2-Fluorophenol
Concen: 8.793 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:112 Resp: 52246

Ion	Ratio	Lower	Upper
112	100		
64	98.4	47.9	71.9#
63	188.1	23.7	35.5#



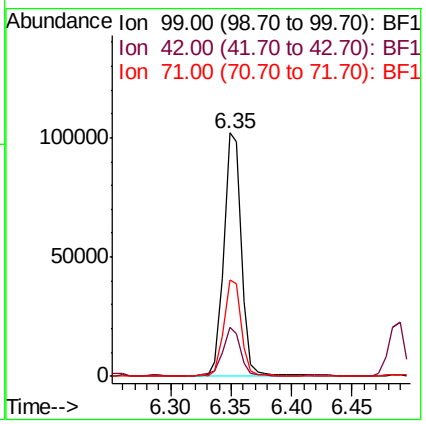


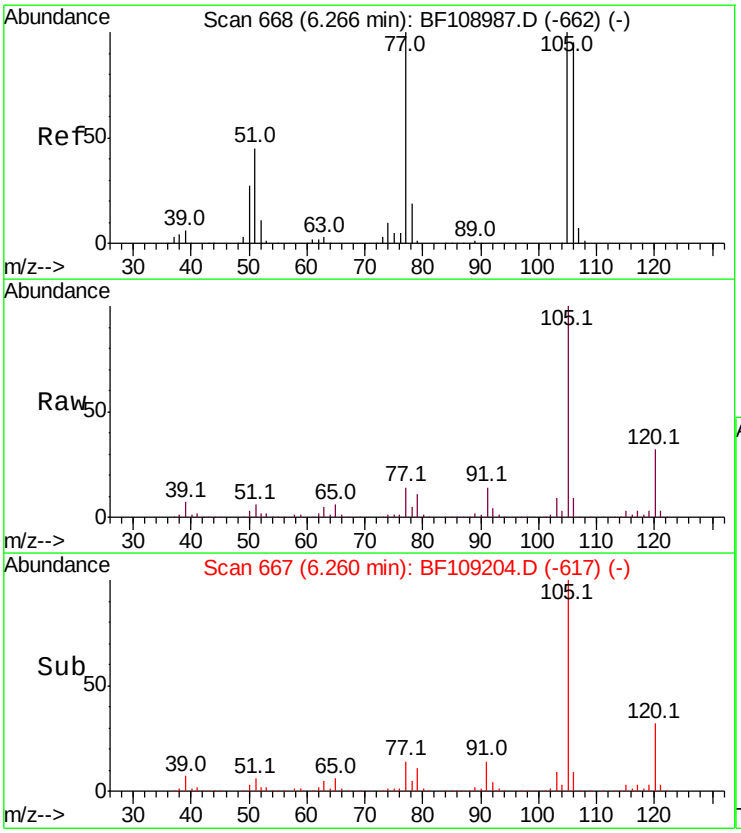
#7
Phenol-d6
Concen: 13.434 ng
RT: 6.35 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 102927

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	39.4	25.4	38.0#

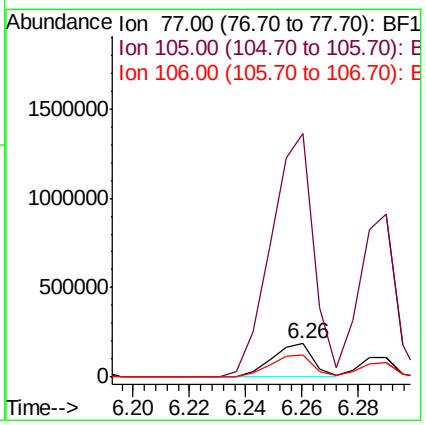


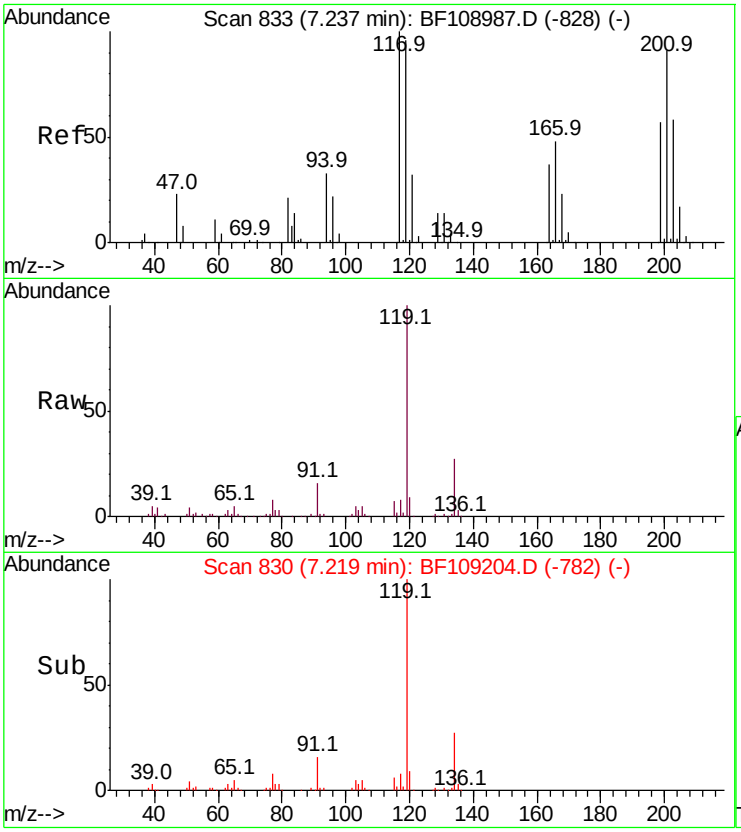


#9
Benzaldehyde
Concen: 39.224 ng
RT: 6.26 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion: 77 Resp: 191938

Ion	Ratio	Lower	Upper
77	100		
105	730.7	81.1	121.1#
106	64.8	74.5	114.5#



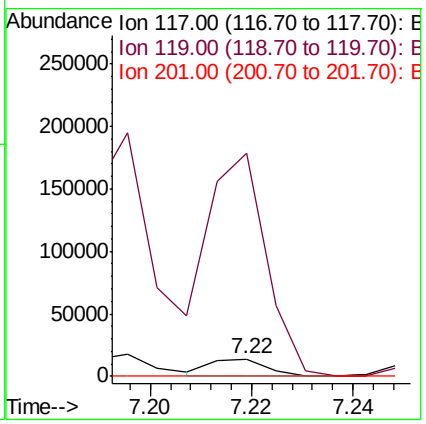


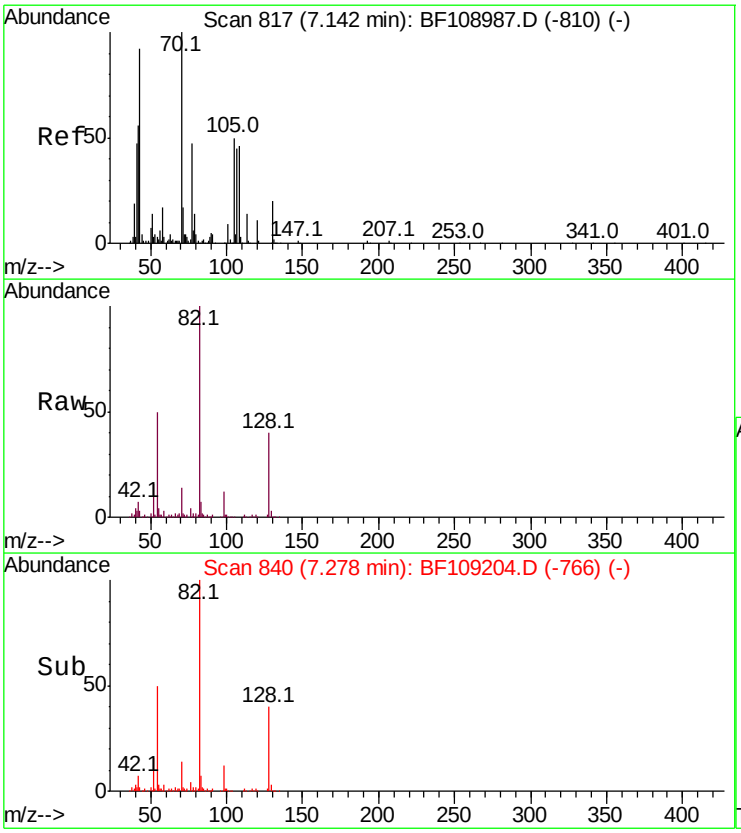
#18
Hexachloroethane
Concen: 4.048 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 11215

Ion	Ratio	Lower	Upper
117	100		
119	1264.7	75.8	113.8#
201	0.0	75.7	113.5#

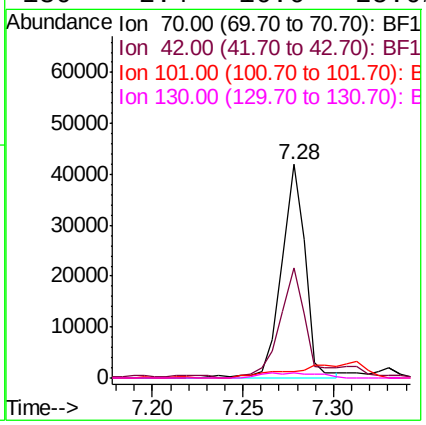


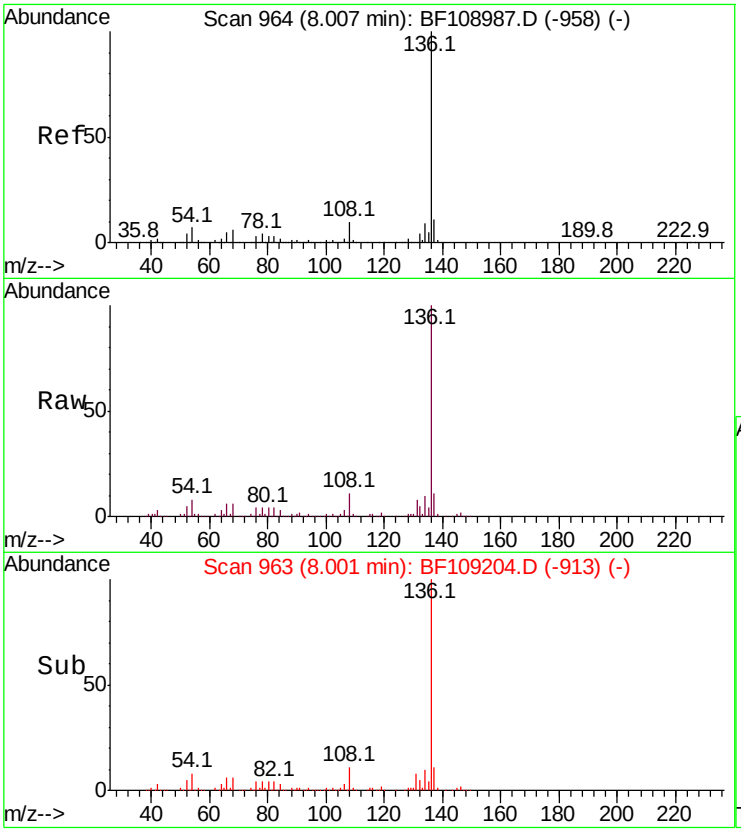


#19
n-Nitroso-di-n-propylamine
Concen: 7.542 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion: 70 Resp: 38196

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	2.9	7.4	11.2#
130	2.4	16.6	25.0#



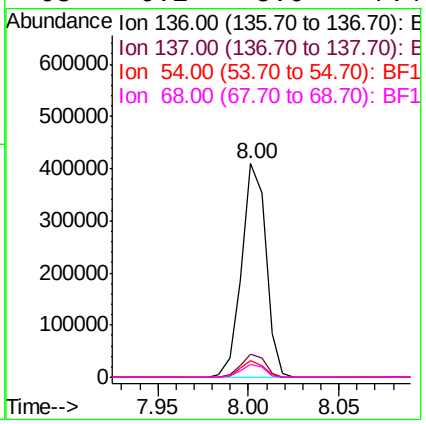


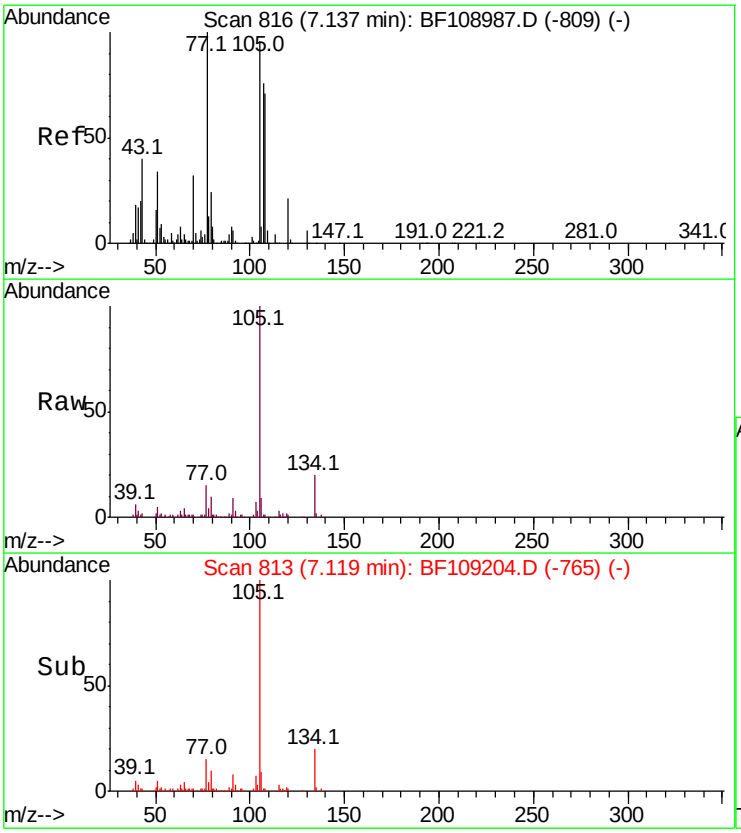
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 382711

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

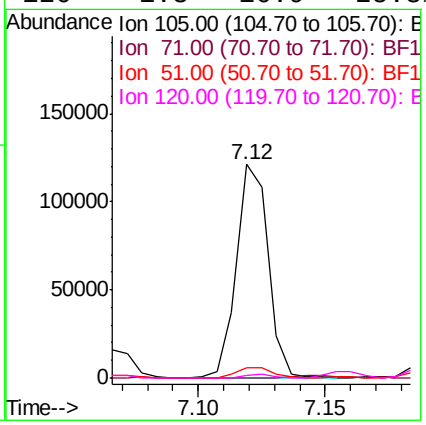


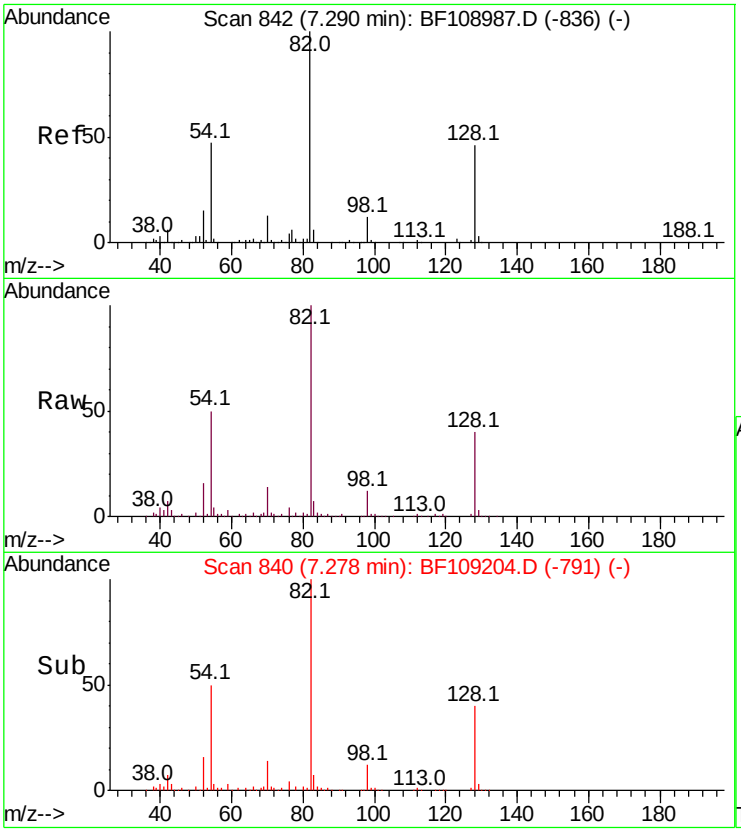


#22
Acetophenone
Concen: 12.095 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:105 Resp: 105125

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	4.8	22.3	33.5#
120	1.3	16.9	25.3#



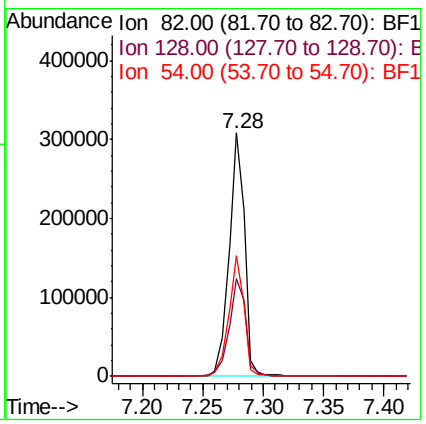


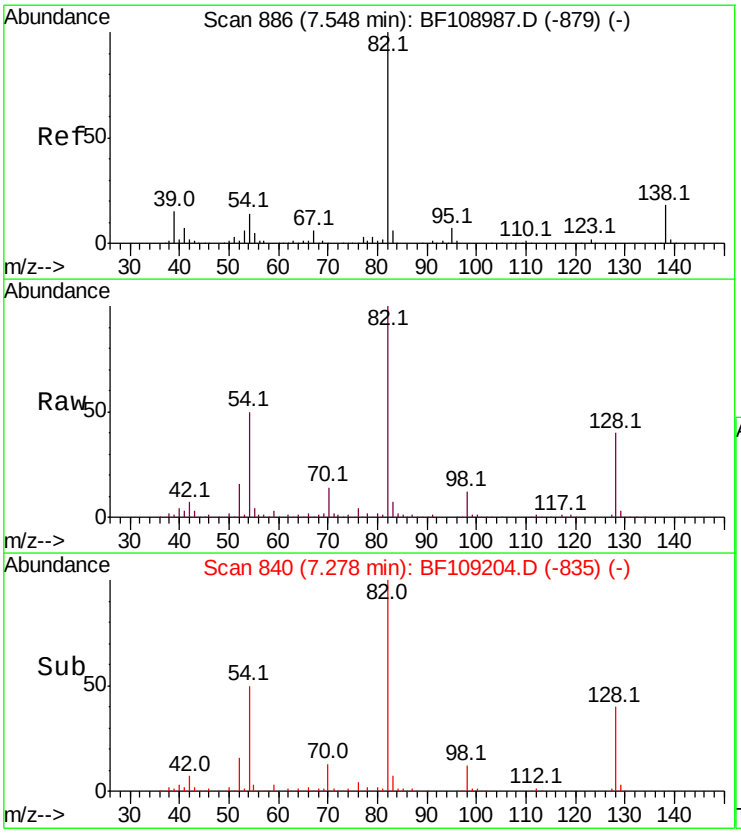
#23
Nitrobenzene-d5
Concen: 40.401 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 275671

Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.1	54.1
54	49.7	41.4	62.2

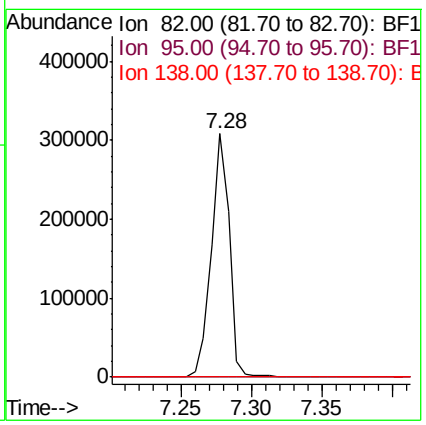


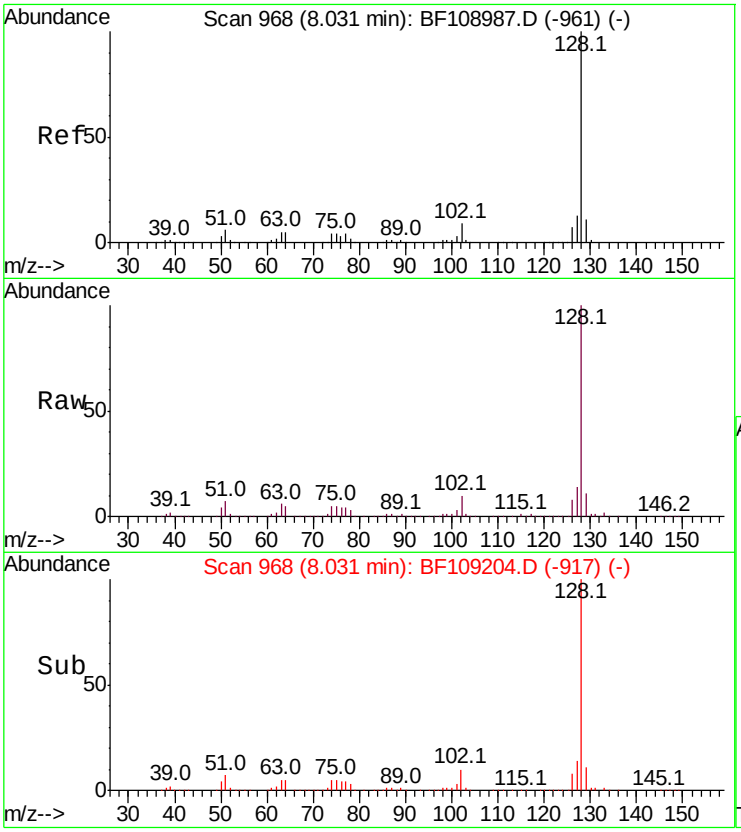


#25
Isophorone
Concen: 23.162 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion: 82 Resp: 271669

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



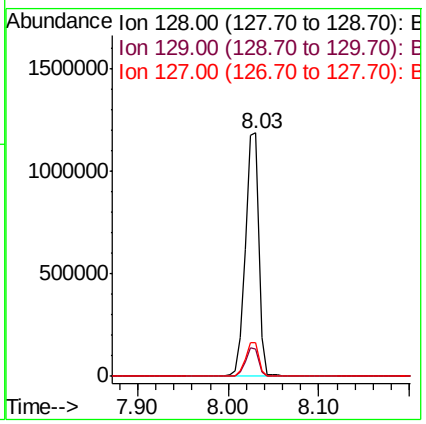


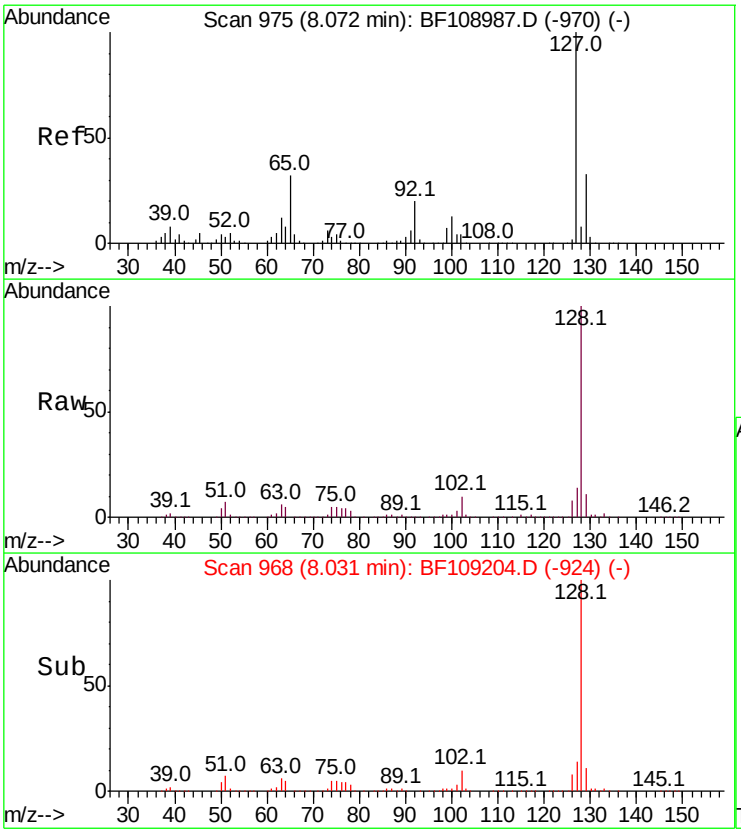
#31
Naphthalene
Concen: 68.688 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1220118

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.8	10.9	16.3

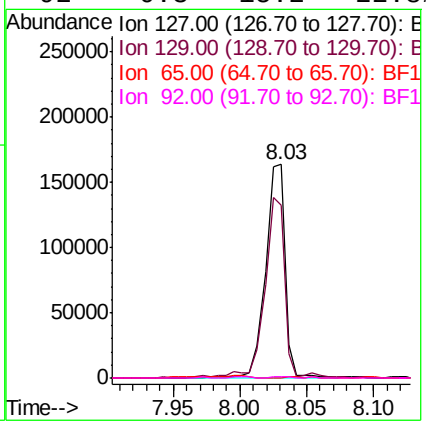


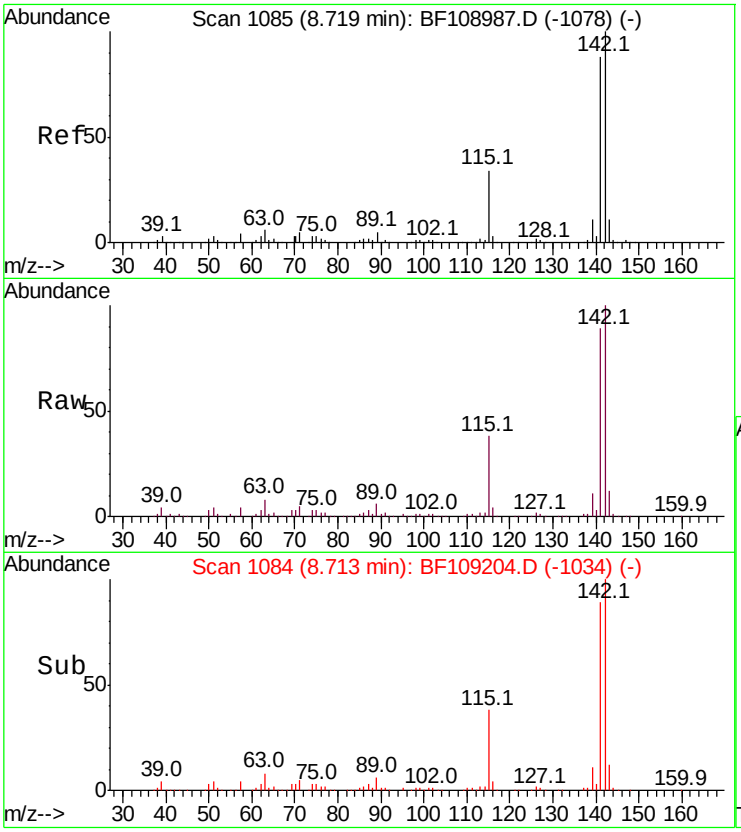


#33
4-Chloroaniline
Concen: 21.176 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.04 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:127 Resp: 167248

Ion	Ratio	Lower	Upper
127	100		
129	80.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.3	15.2	22.8#



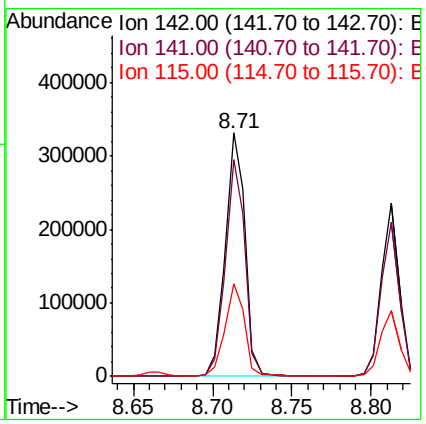


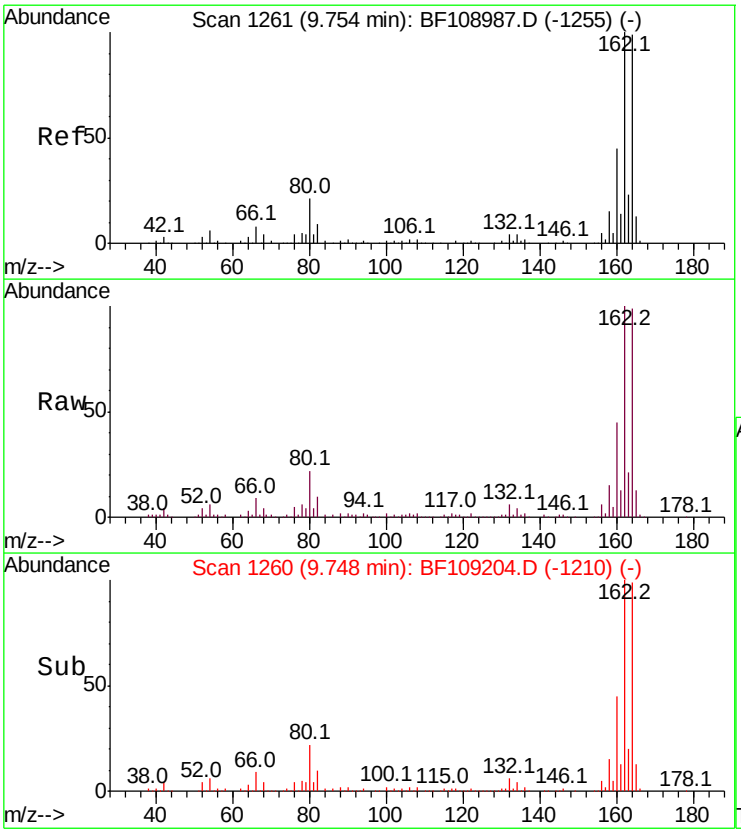
#37
2-Methylnaphthalene
Concen: 24.622 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 285098

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	38.2	26.1	39.1

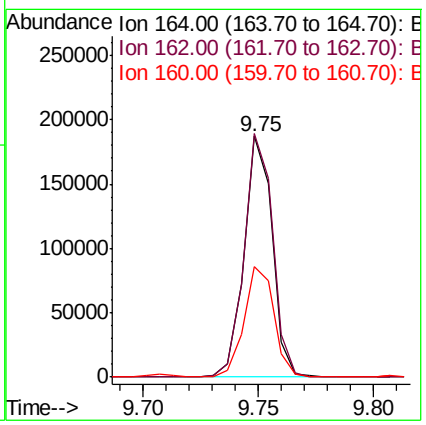


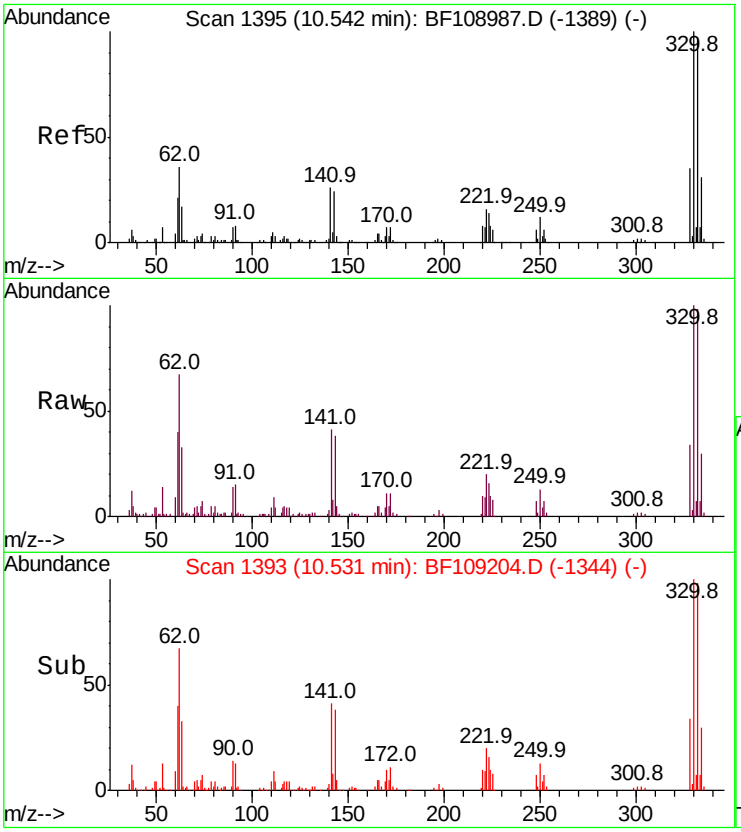


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:164 Resp: 160096

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.7	38.3	57.5



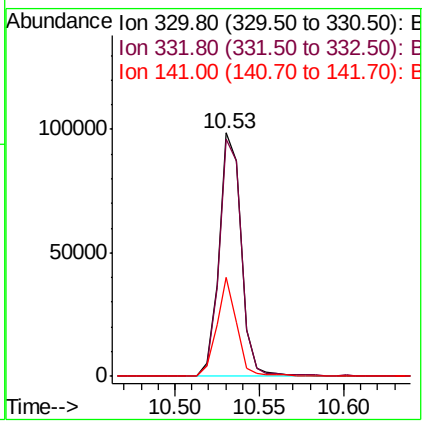


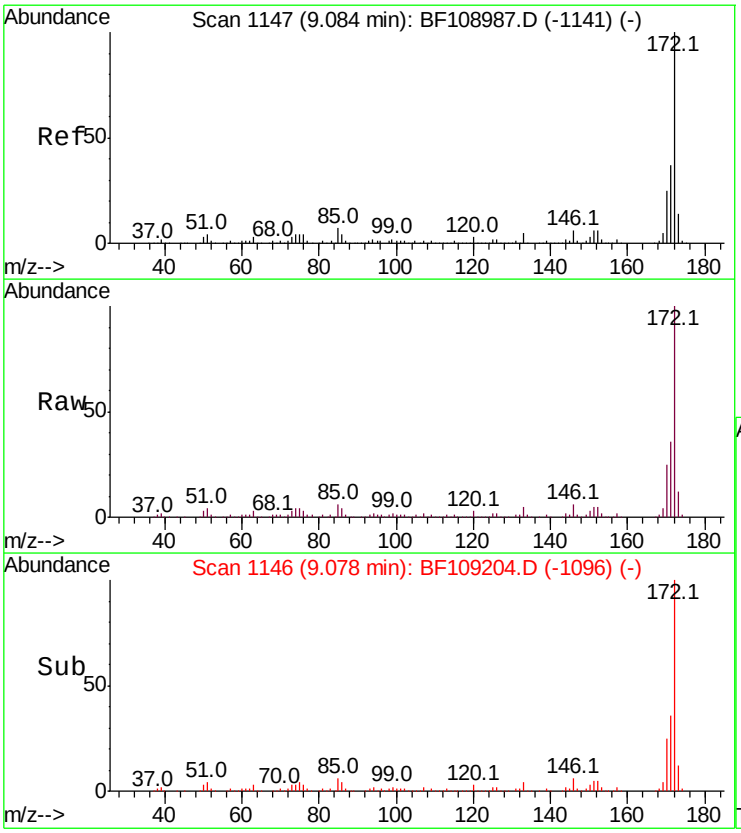
#41
2,4,6-Tribromophenol
Concen: 52.037 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 90412

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	36.6	29.9	44.9

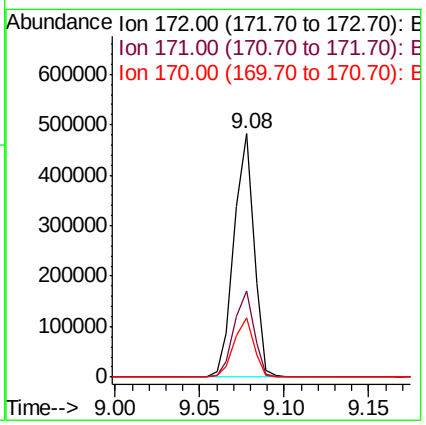


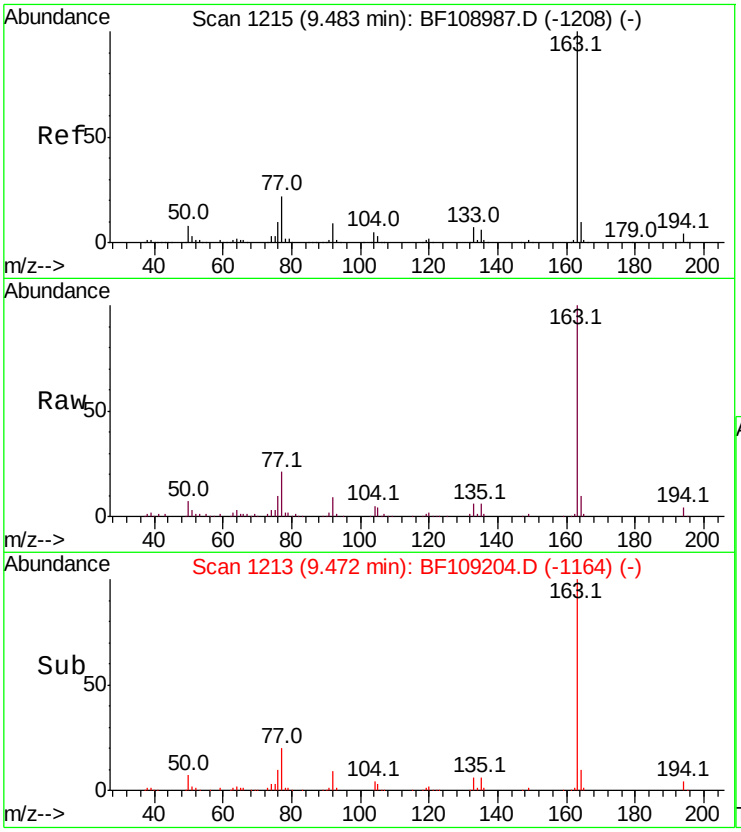


#44
2-Fluorobiphenyl
Concen: 39.069 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:172 Resp: 399222

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.6	19.6	29.4



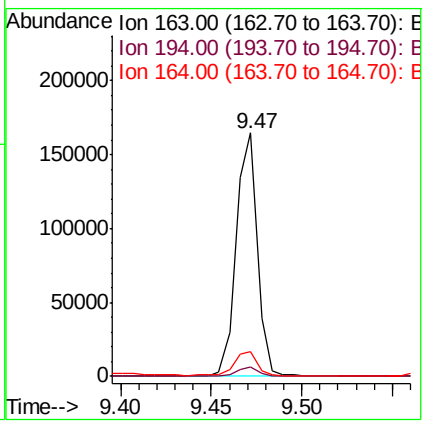


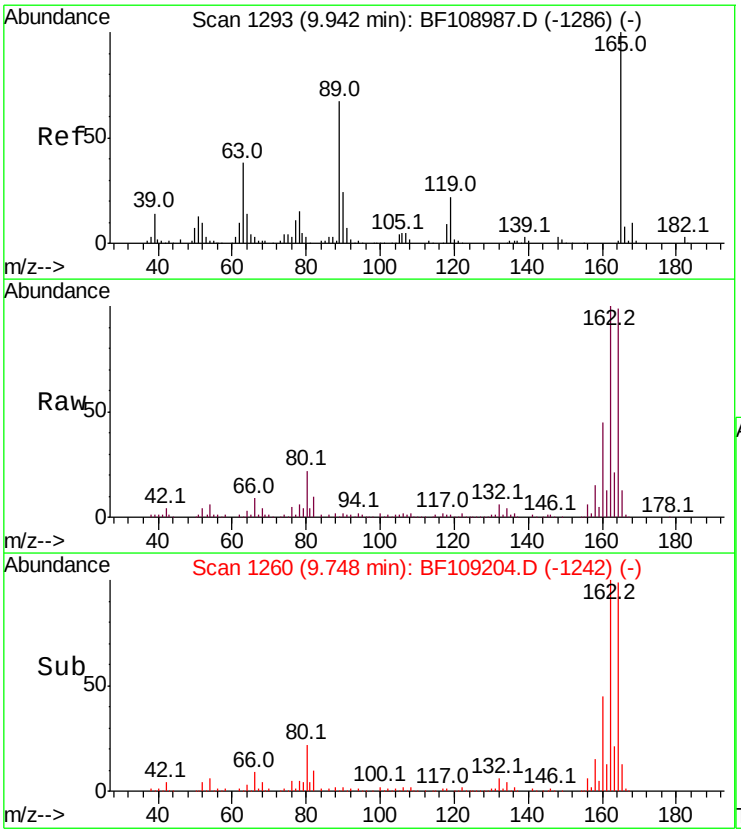
#49
Dimethylphthalate
Concen: 11.684 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 133695

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

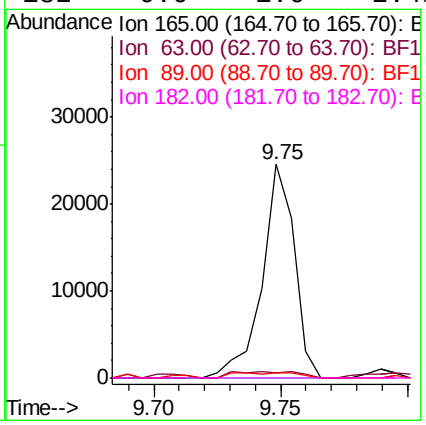


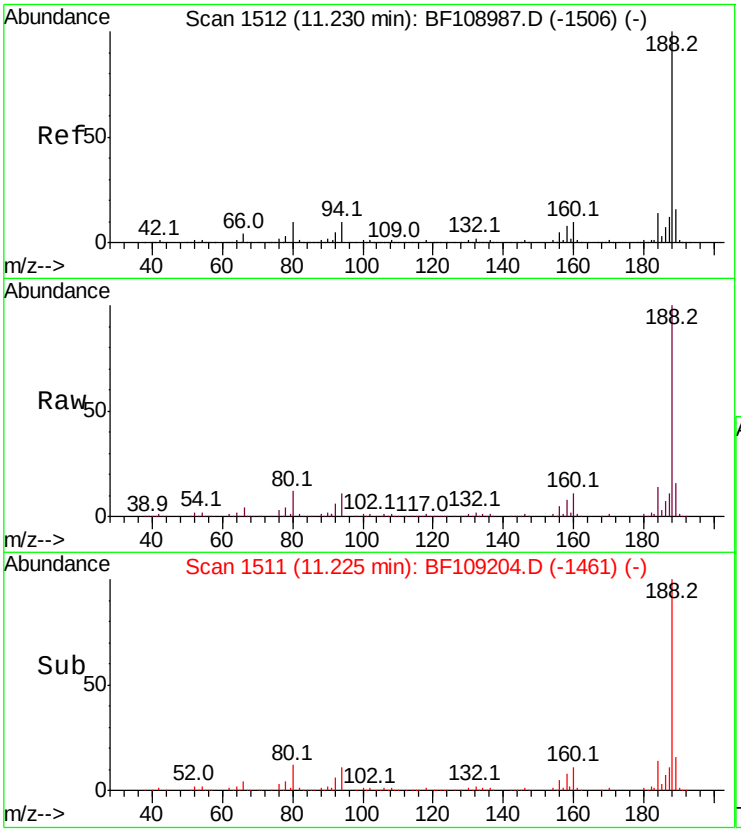


#56
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:165 Resp: 21898

Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#



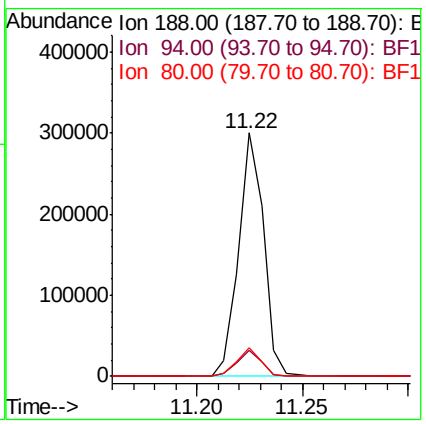


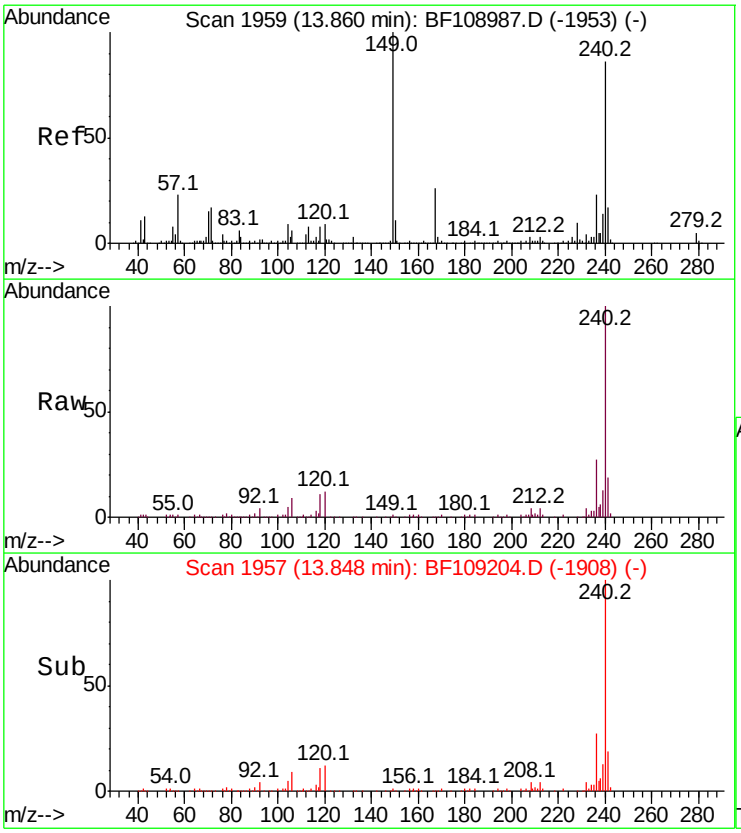
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 245662

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

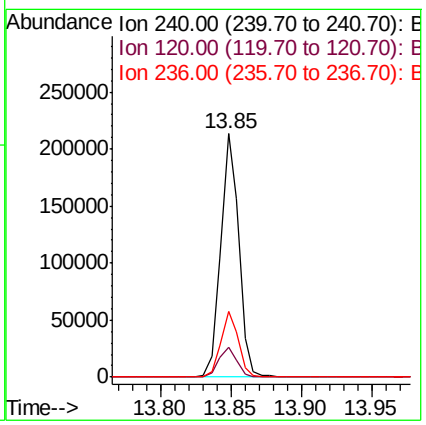


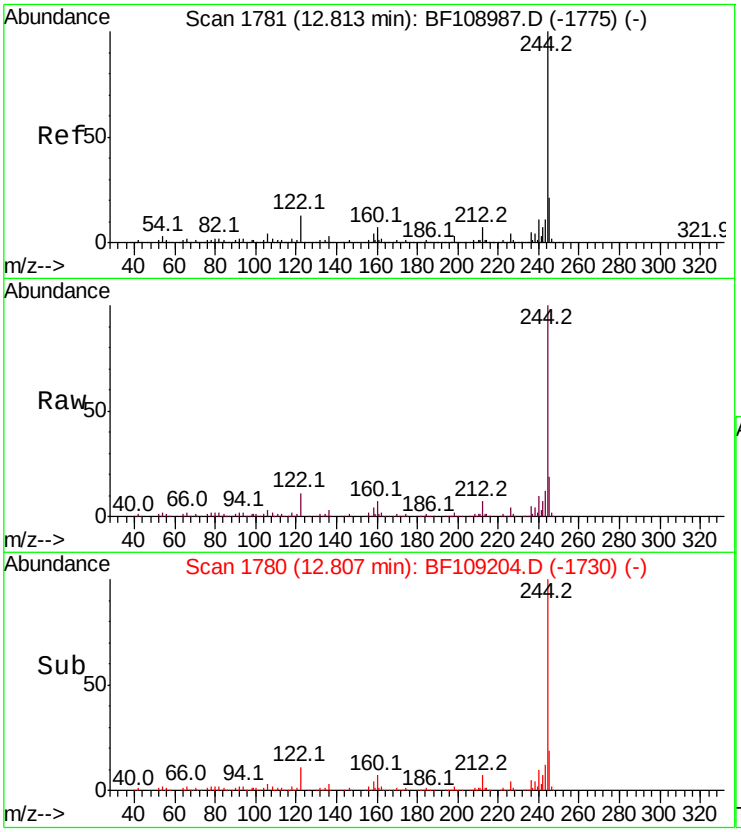


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:240 Resp: 190242

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.8	20.7	31.1



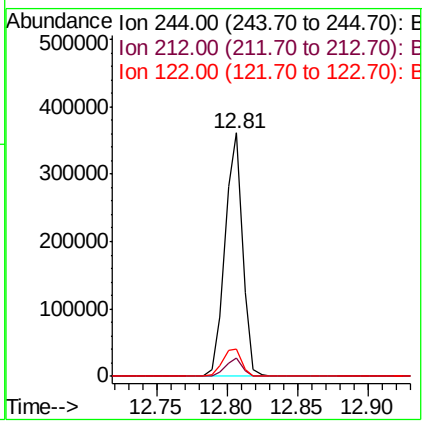


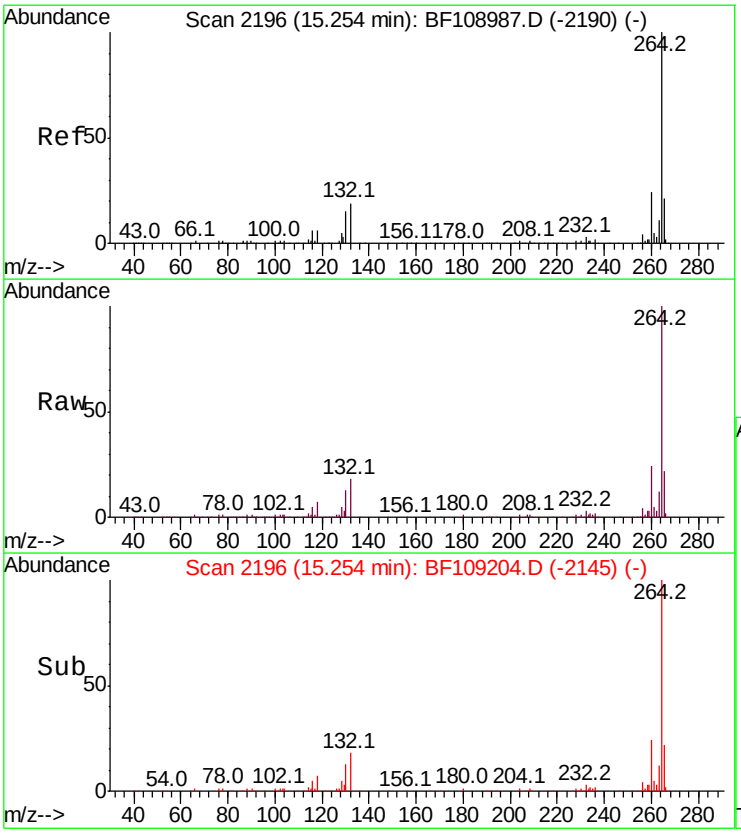
#78
Terphenyl-d14
Concen: 38.727 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109204.D
Acq: 21 Sep 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 310832

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.3	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: BF109204.D
Acq: 21 Sep 2018 1:19

Tgt Ion:264 Resp: 222049

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3