Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099677.D
Acq On : 20 Oct 2017 00:38
Operator : SJ/JU
Sample : I5972-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 12:52:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87611	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	354362	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	147423	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	209538	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	155328	20.00	ng		-0.02
86) Perylene-d12	15.44	264	169925	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	358250	65.09	ng		0.00
7) Phenol-d6	6.46	99	266804	39.30	ng		-0.02
23) Nitrobenzene-d5	7.39	82	729612	132.04	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	144519	119.80	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	1273358	144.19	ng		-0.01
78) Terphenyl-d14	12.93	244	799415	117.04	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	10990	2.791	ng		88
15) Benzyl Alcohol	6.97	79	11027	2.214	ng	#	42
19) n-Nitroso-di-n-propylamine	7.39	70	92473	21.333	ng	#	71
25) Isophorone	7.39	82	729605	63.864	ng	#	64
49) Dimethylphthalate	9.57	163	22529	2.025	ng		100
50) 2,6-Dinitrotoluene	9.85	165	19069	7.872	ng	#	24
56) 2,4-Dinitrotoluene	9.85	165	19069	6.066	ng	#	21
66) 4-Bromophenyl-phenylether	10.65	248	9367	4.567	ng	#	1
70) Phenanthrene	11.36	178	26712	2.382	ng		97
71) Anthracene	11.36	178	26712	2.328	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099677.D
Acq On : 20 Oct 2017 00:38
Operator : SJ/JU
Sample : I5972-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 12:52:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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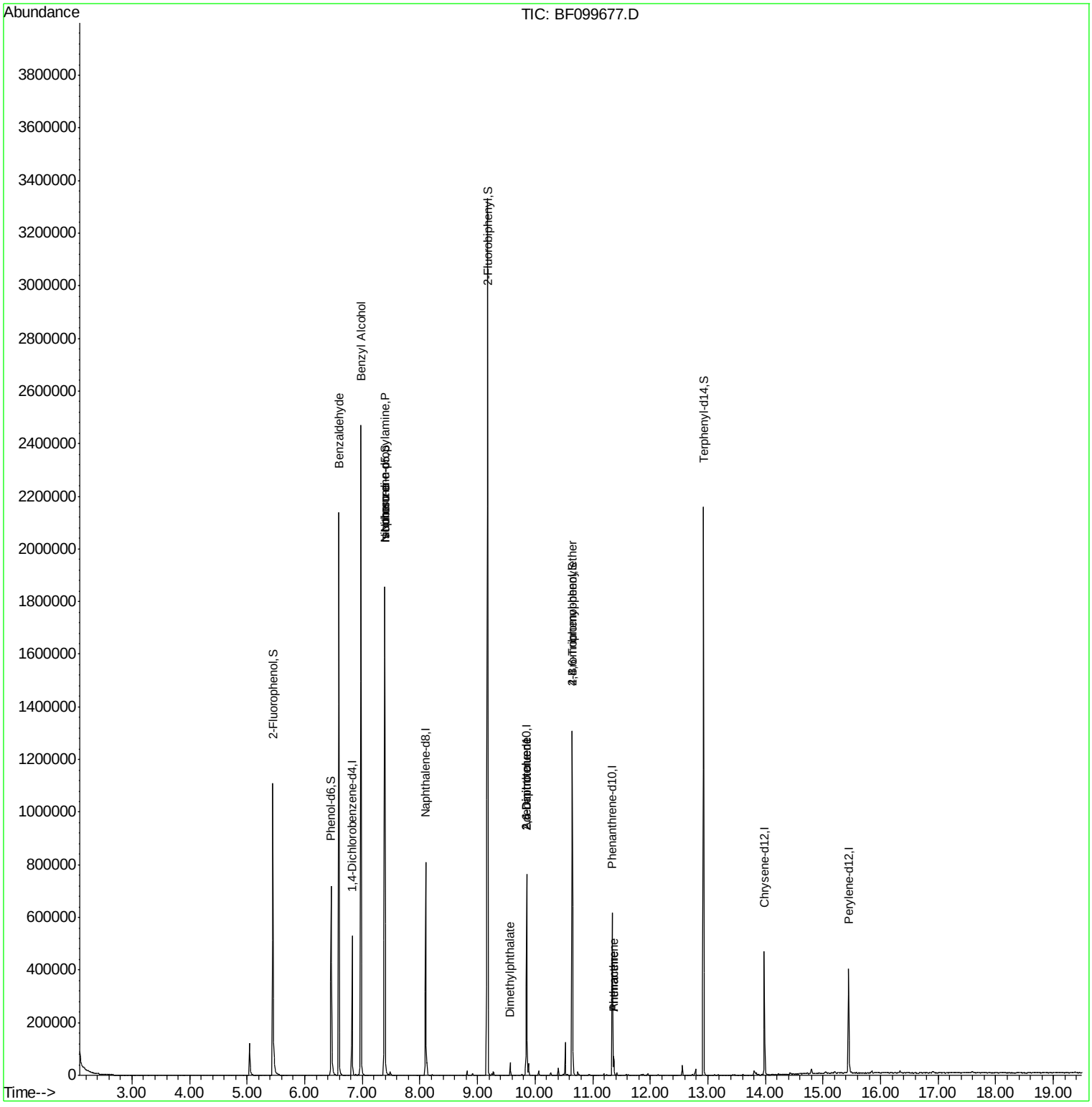
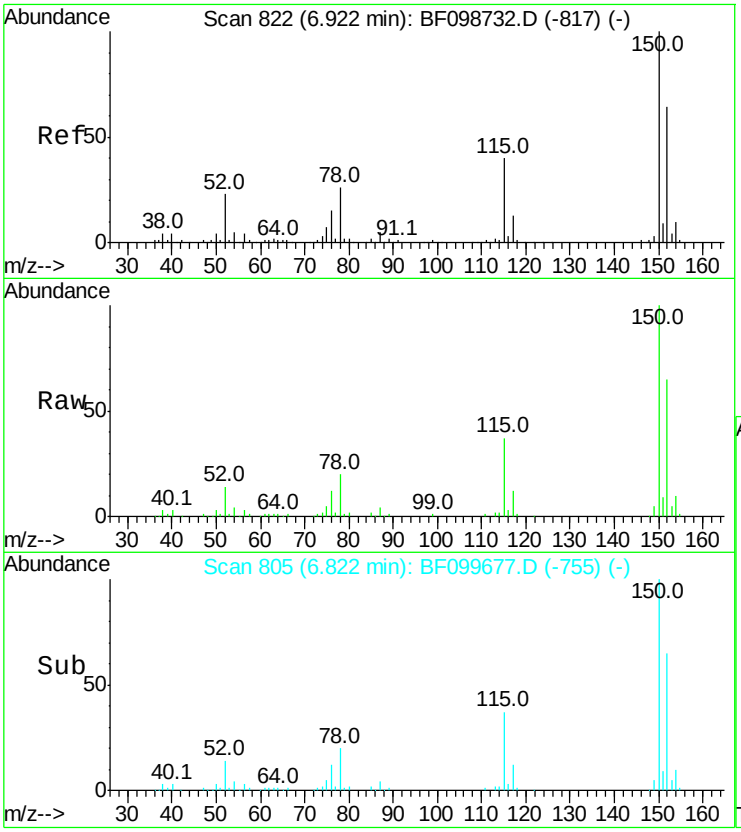


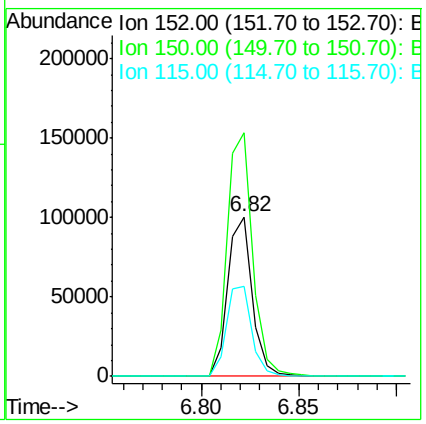


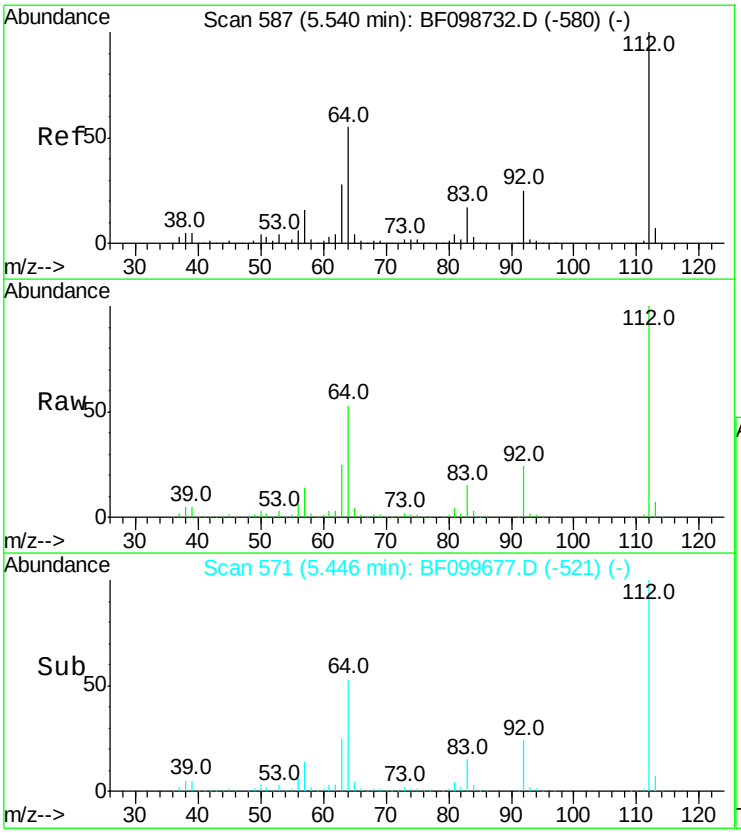
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87611

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	56.6	50.1	75.1

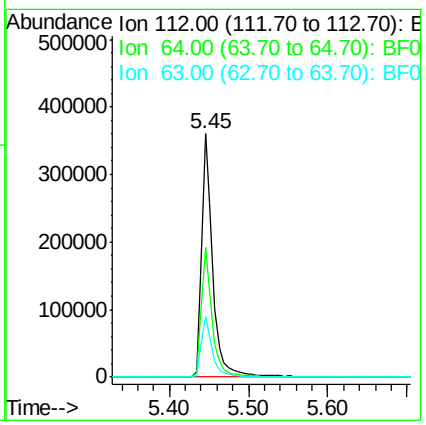


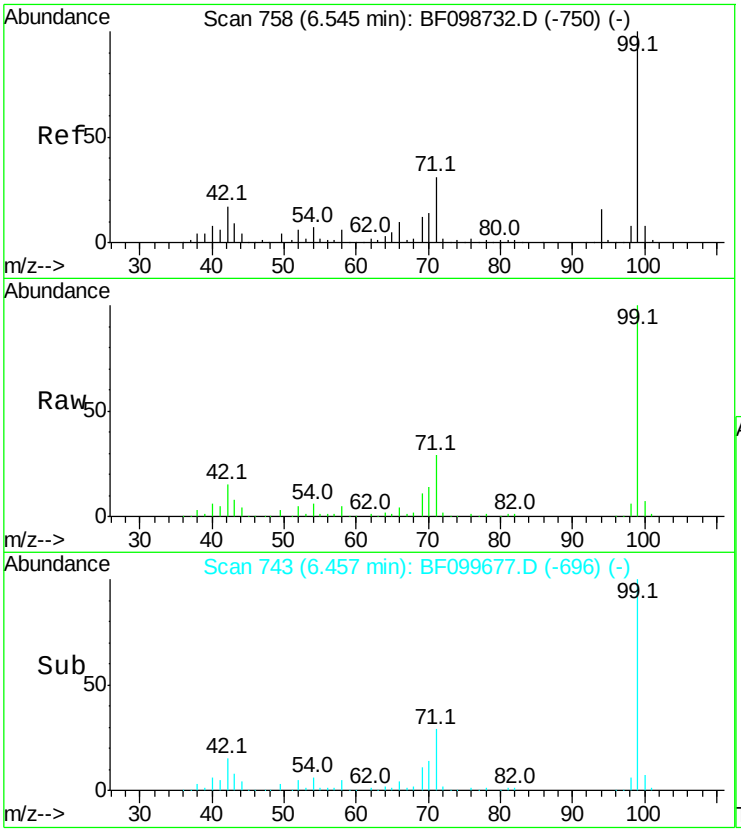


#5
2-Fluorophenol
Concen: 65.094 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:112 Resp: 358250

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	24.7	23.7	35.5



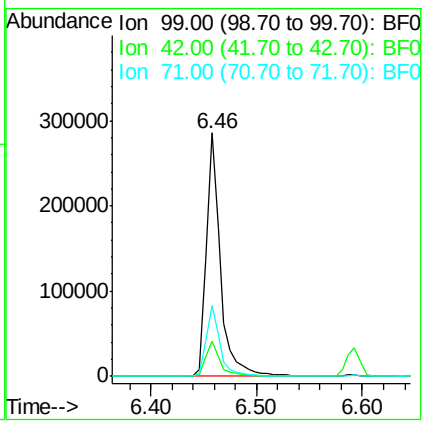


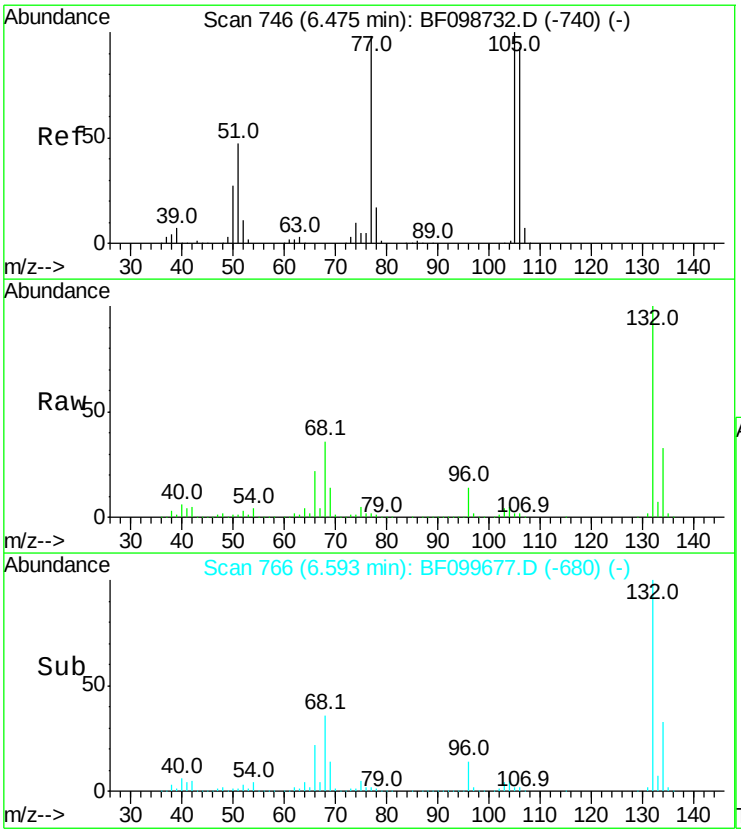
#7
Phenol-d6
Concen: 39.298 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 266804

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	29.3	25.4	38.0

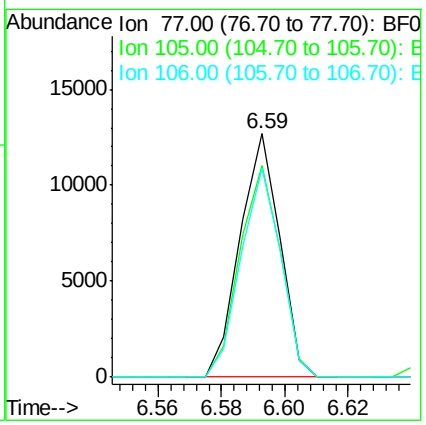


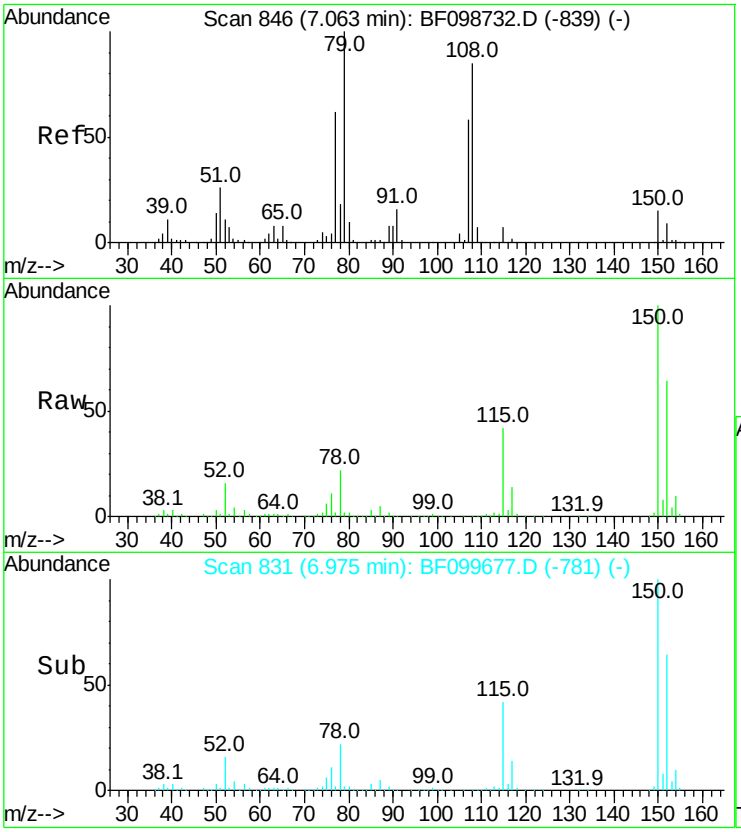


#9
Benzaldehyde
Concen: 2.791 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.21 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion: 77 Resp: 10990

Ion	Ratio	Lower	Upper
77	100		
105	86.7	81.1	121.1
106	85.7	74.5	114.5



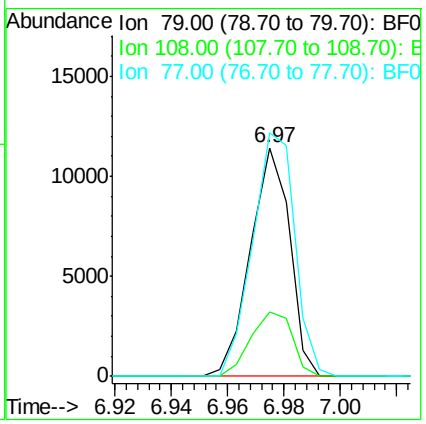


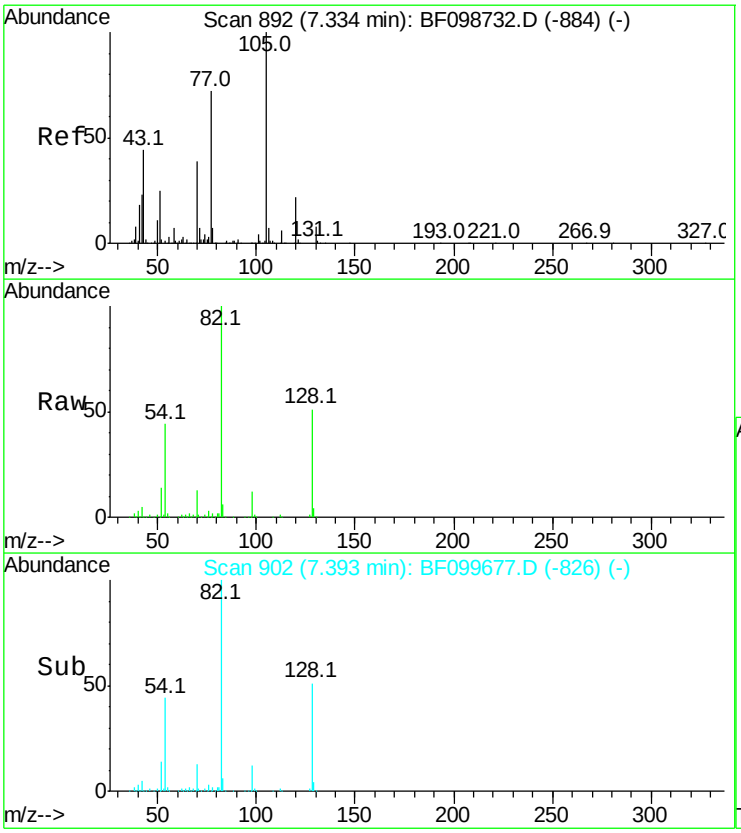
#15
Benzyl Alcohol
Concen: 2.214 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 11027

Ion	Ratio	Lower	Upper
79	100		
108	28.1	65.1	97.7#
77	106.5	50.6	75.8#

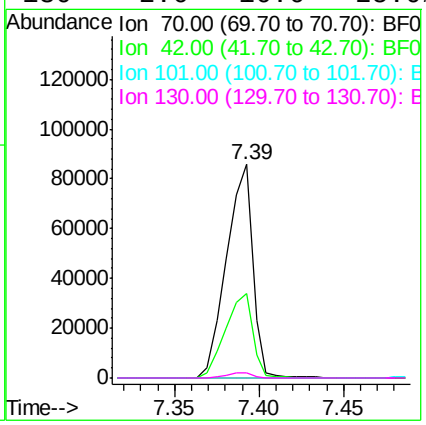


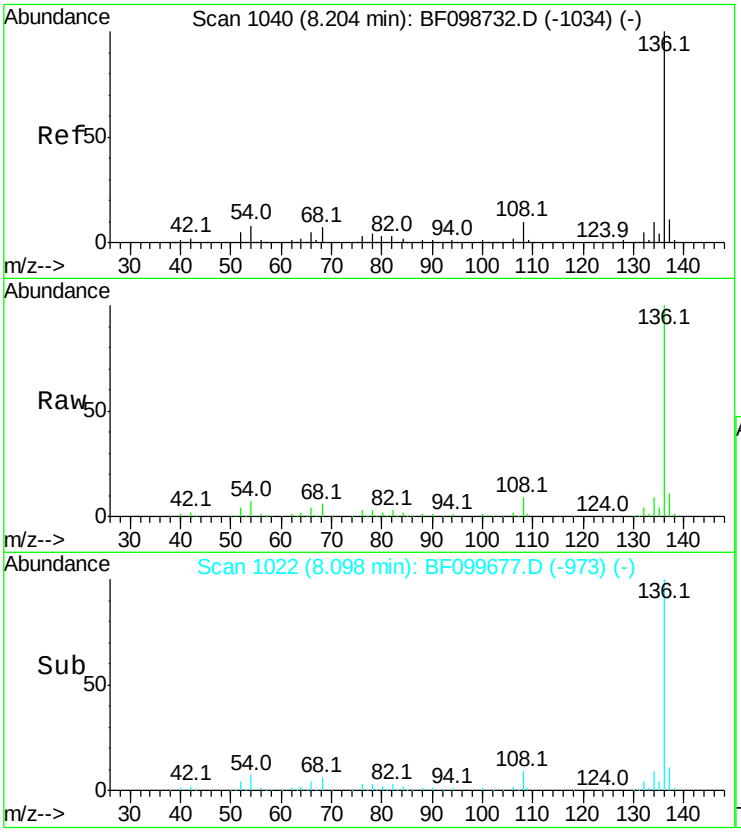


#19
n-Nitroso-di-n-propylamine
Concen: 21.333 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion: 70 Resp: 92473

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



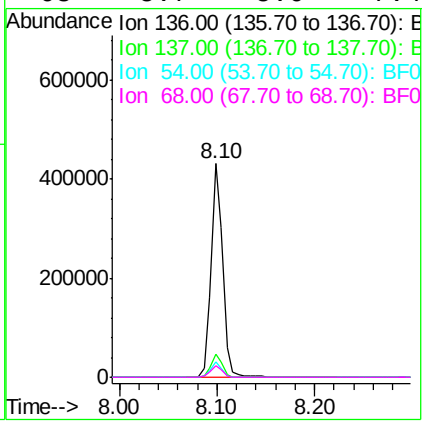


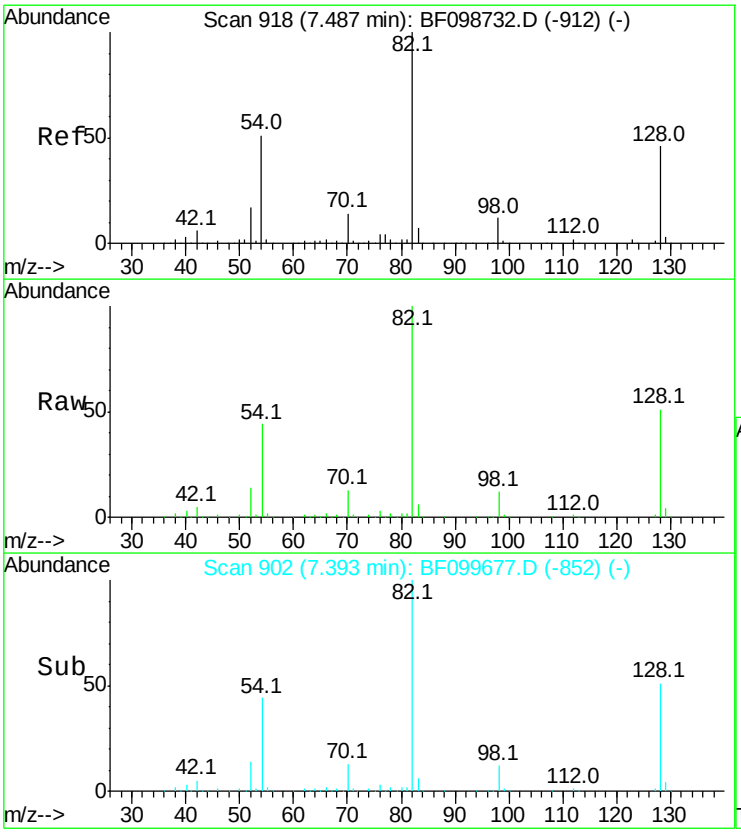
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 354362

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4

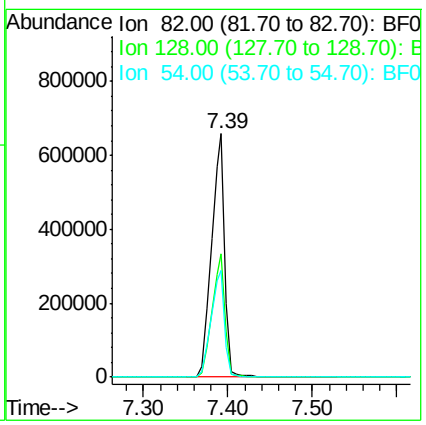


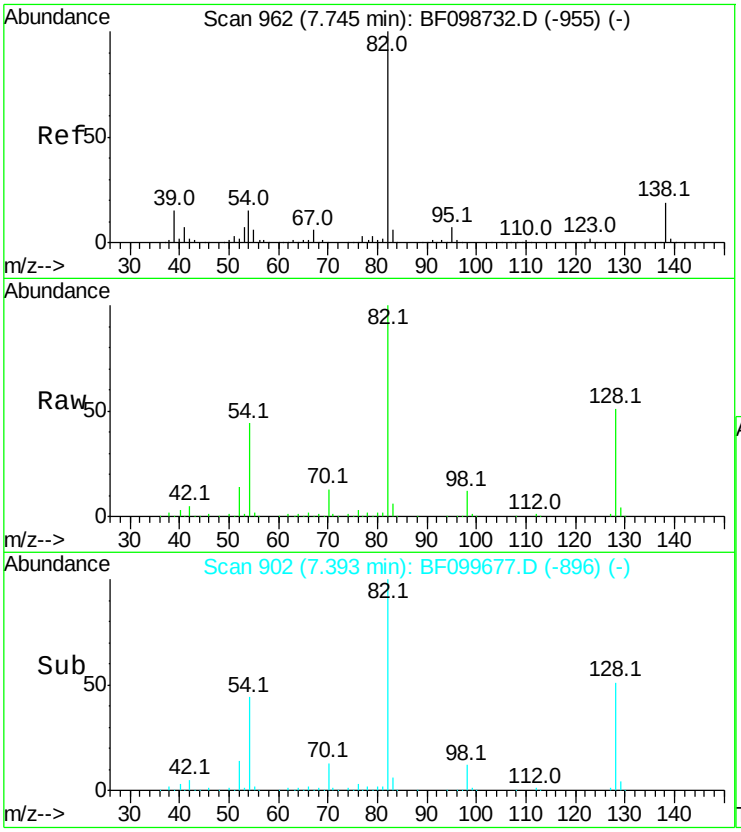


#23
Nitrobenzene-d5
Concen: 132.040 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion: 82 Resp: 729612

Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	44.0	41.4	62.2



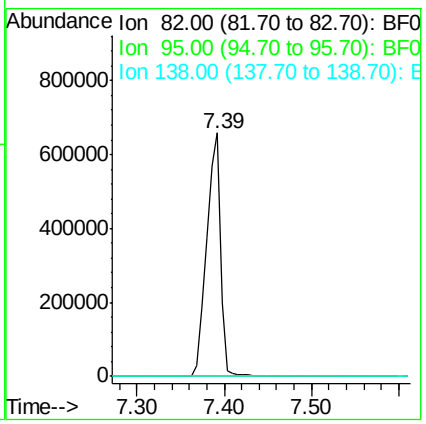


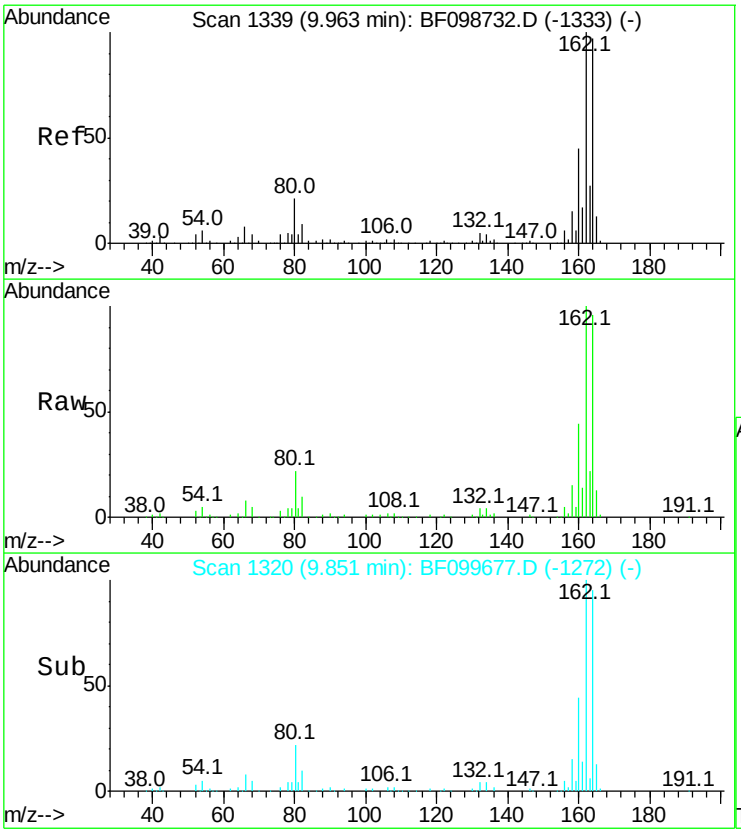
#25
Isophorone
Concen: 63.864 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 729605

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

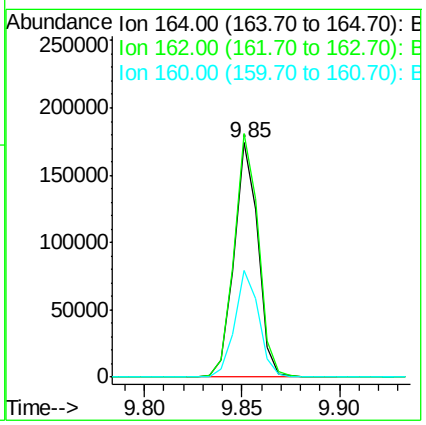


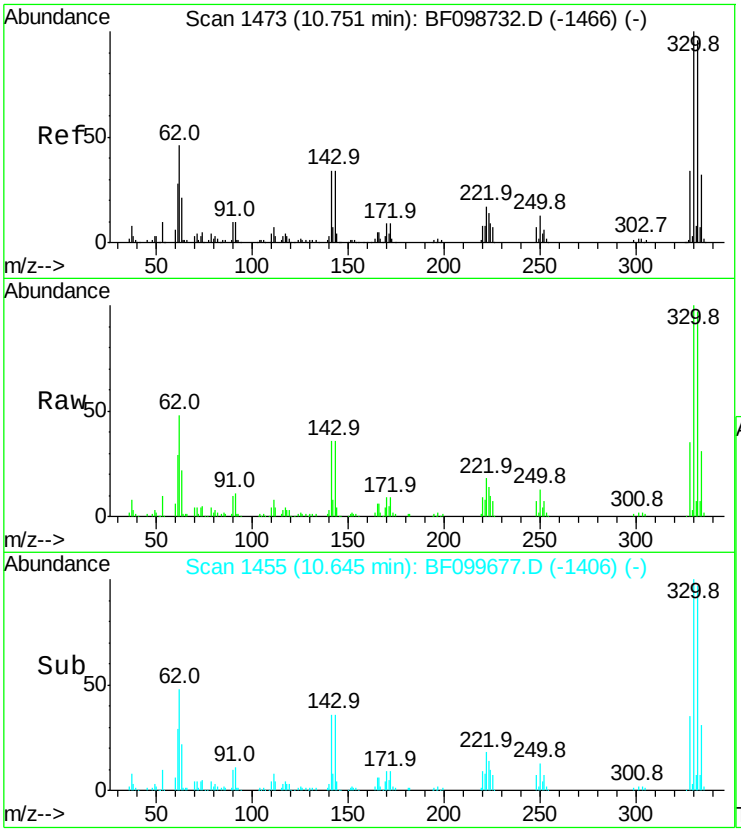


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:164 Resp: 147423

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5



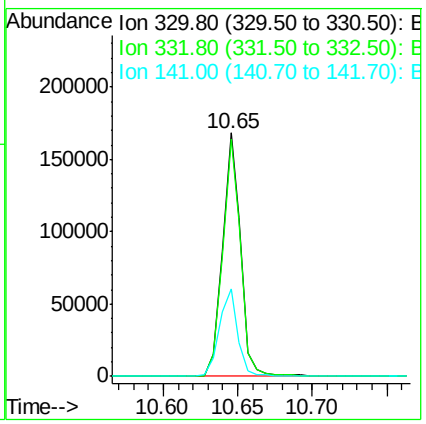


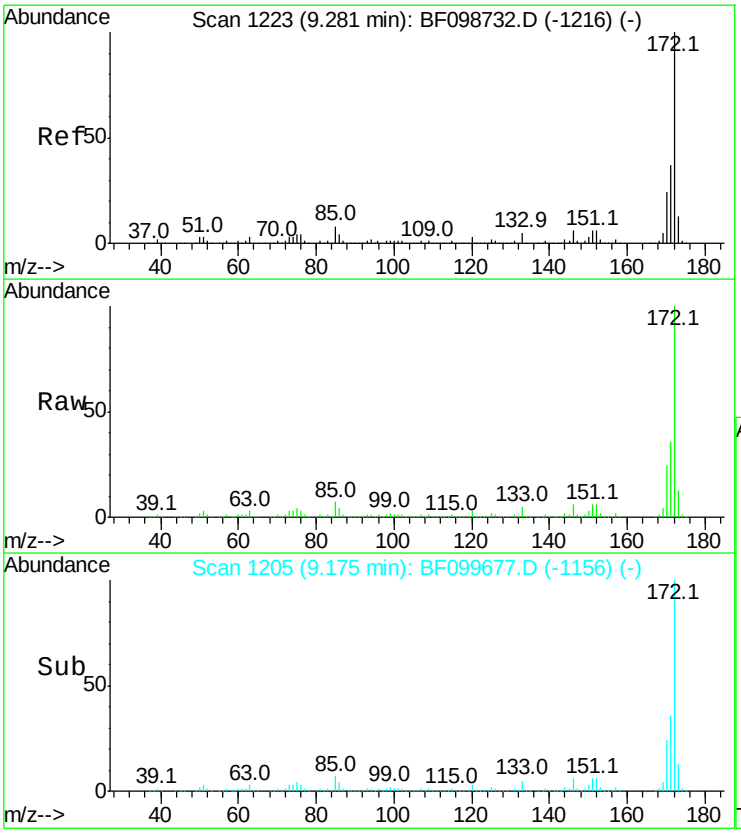
#41
2,4,6-Tribromophenol
Concen: 119.802 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 144519

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	36.7	29.9	44.9

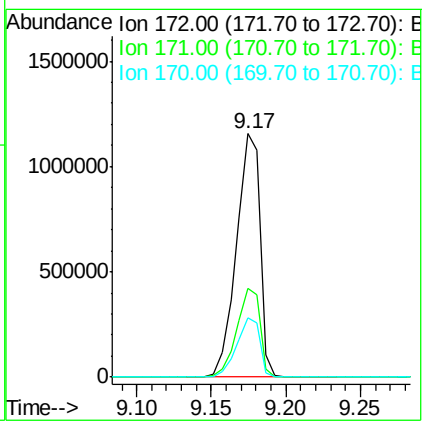


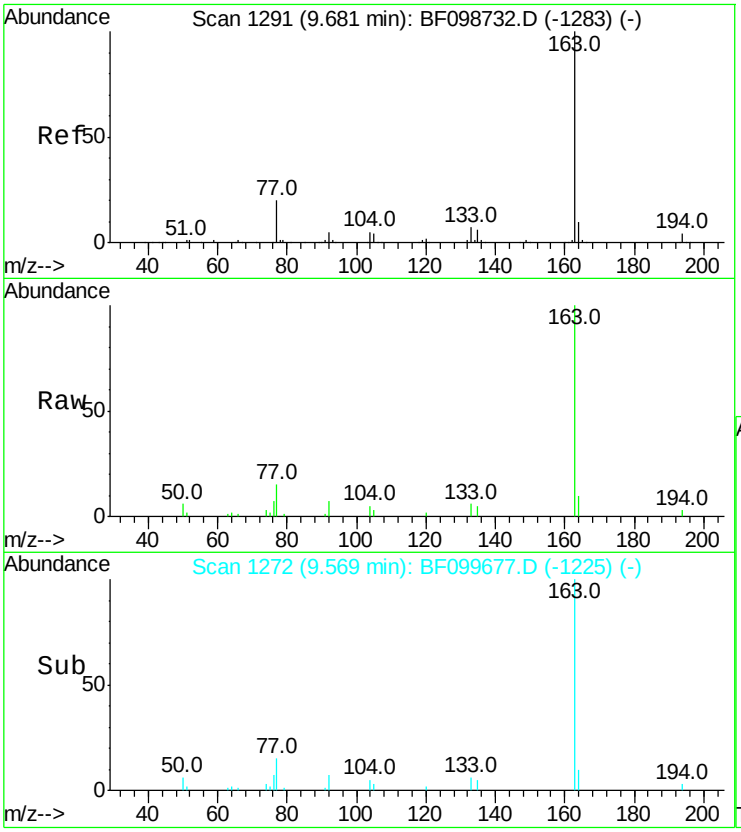


#44
2-Fluorobiphenyl
Concen: 144.195 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:172 Resp: 1273358

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



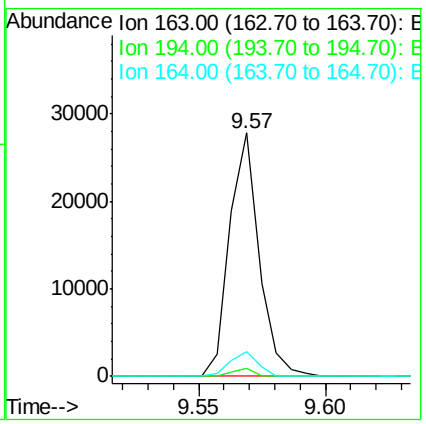


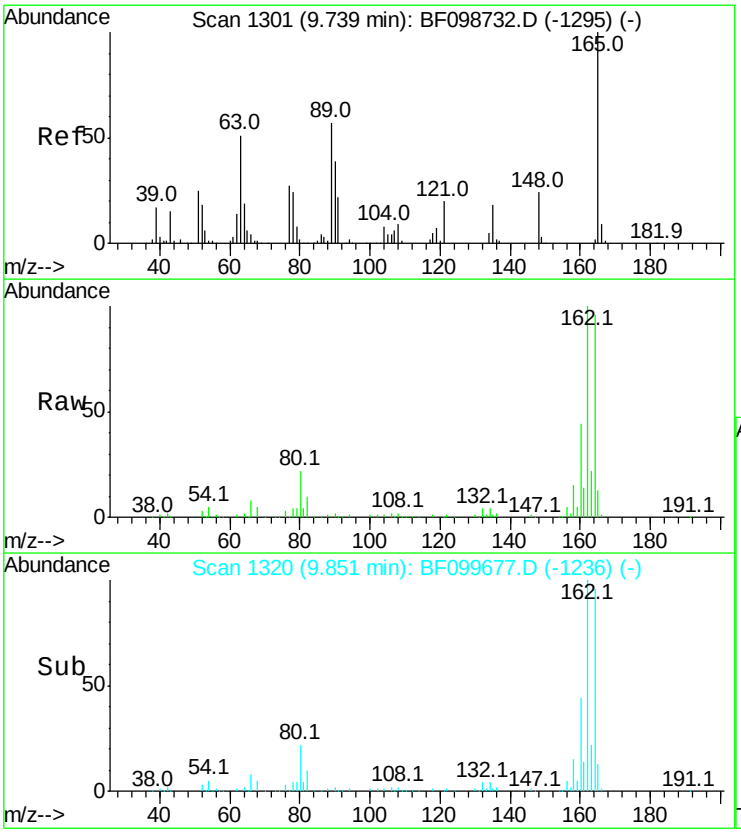
#49
Dimethylphthalate
Concen: 2.025 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 22529

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

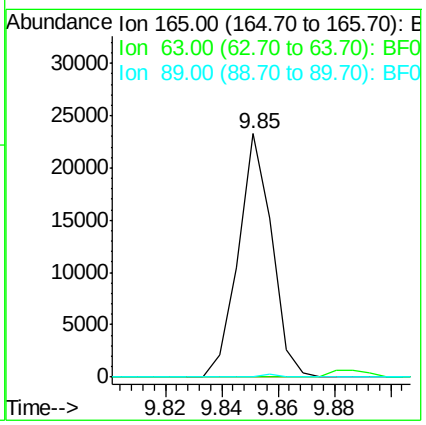


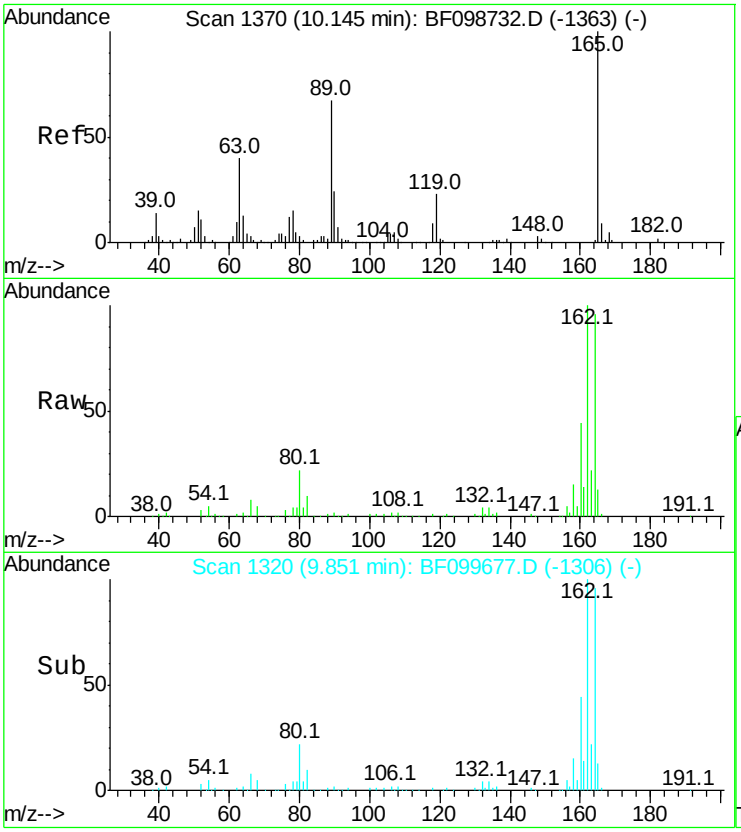


#50
2,6-Dinitrotoluene
Concen: 7.872 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:165 Resp: 19069

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



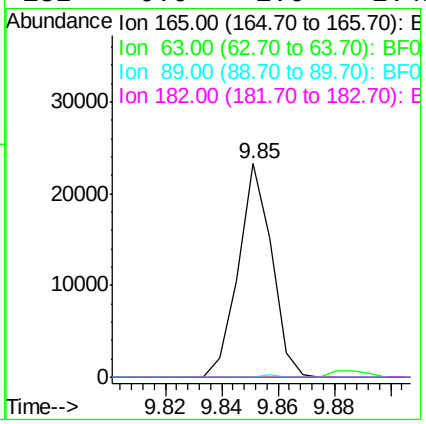


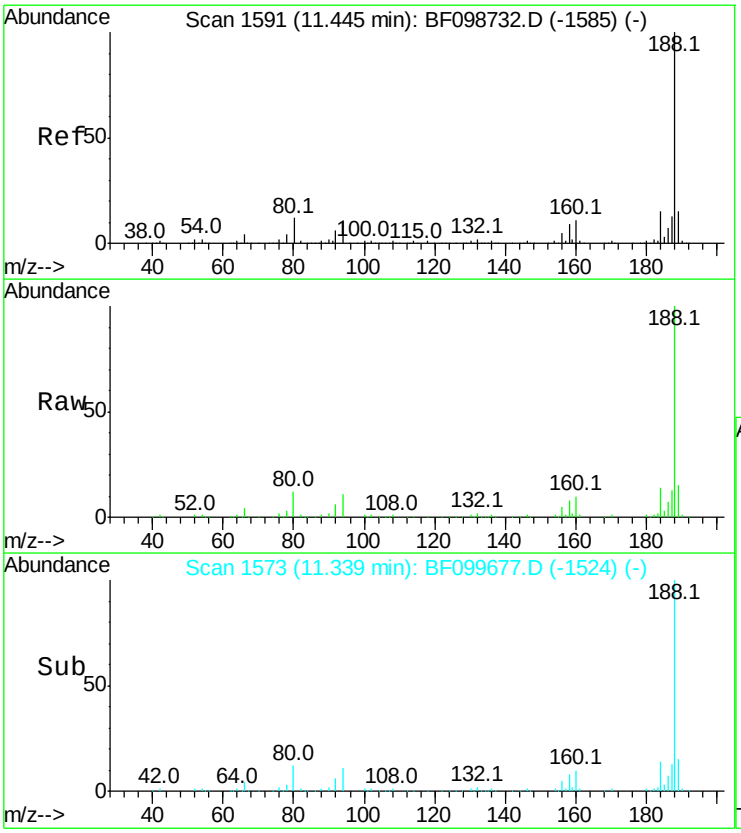
#56
2,4-Dinitrotoluene
Concen: 6.066 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19069

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

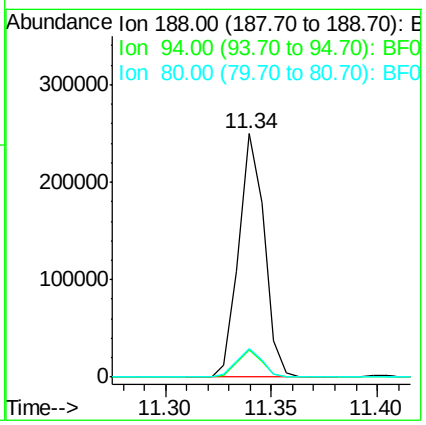


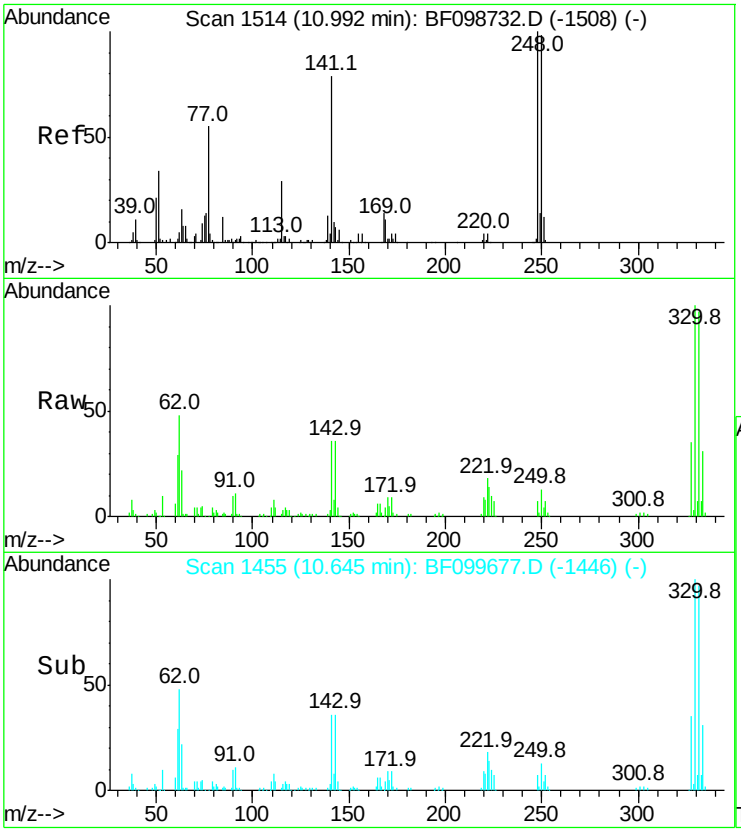


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:188 Resp: 209538

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8



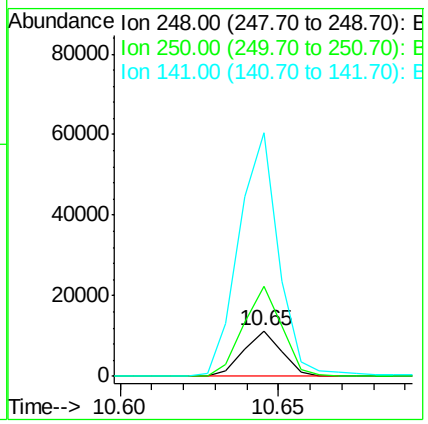


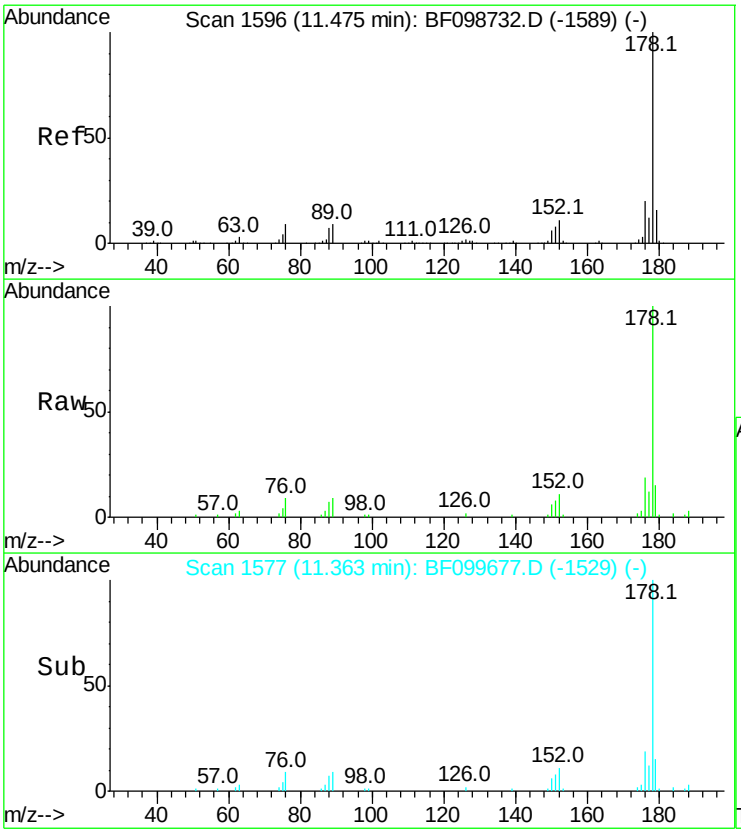
#66
4-Bromophenyl-phenylether
Concen: 4.567 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9367

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	536.7	74.4	111.6#

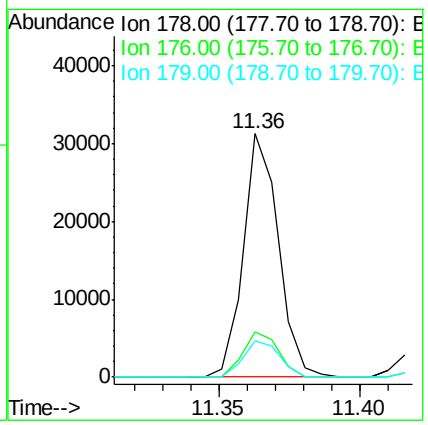


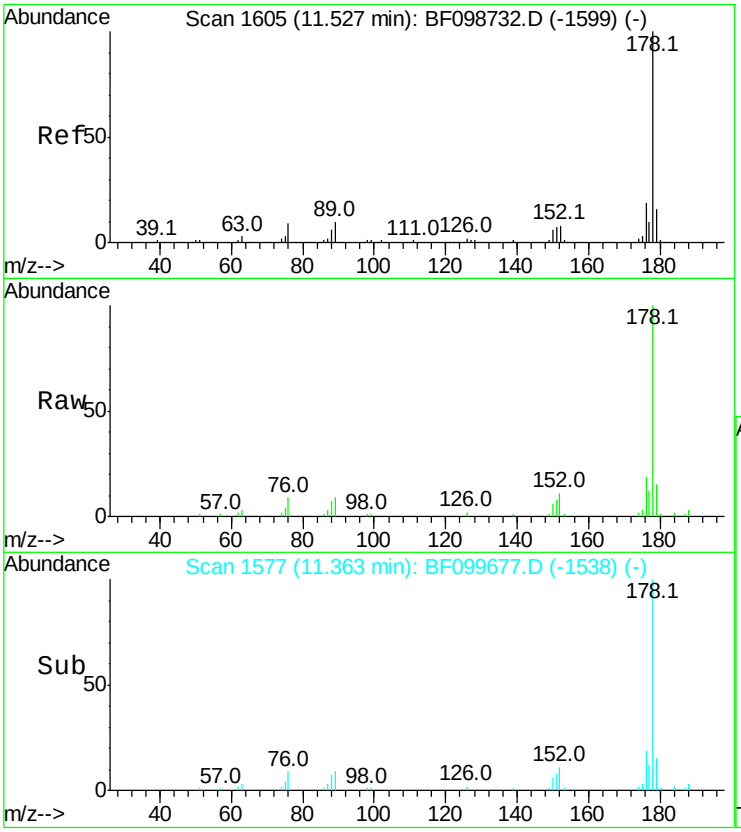


#70
Phenanthrene
Concen: 2.382 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:178 Resp: 26712

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.9	13.0	19.6



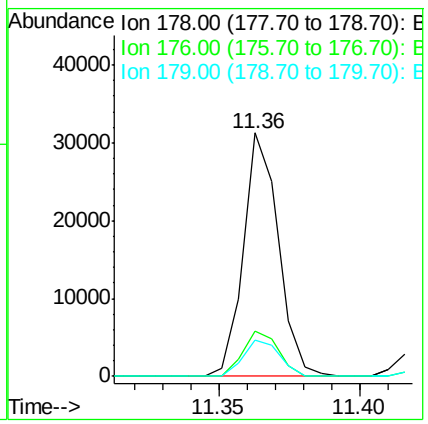


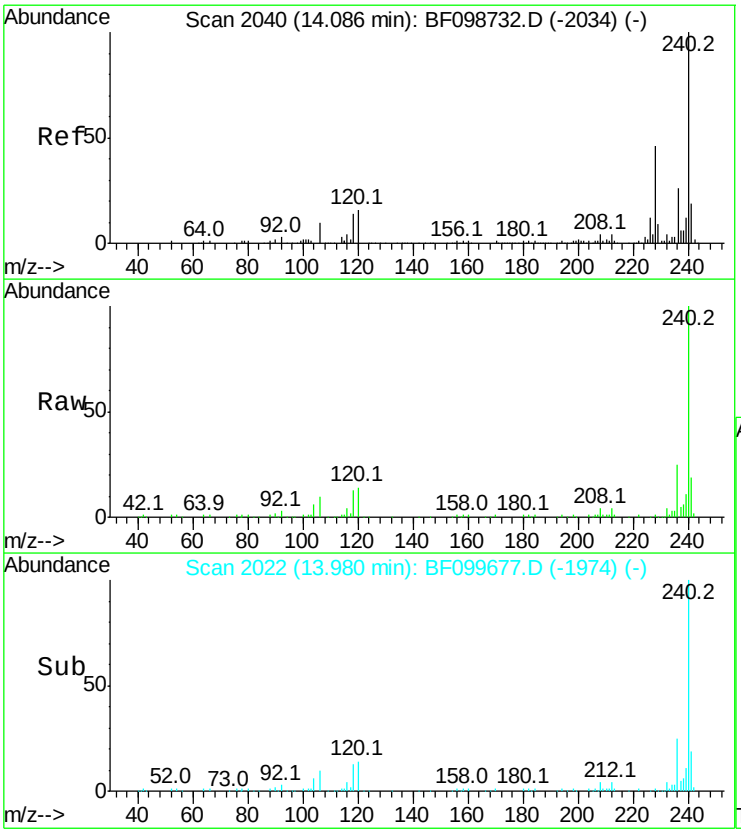
#71
Anthracene
Concen: 2.328 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.07 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 26712

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.9	12.6	19.0

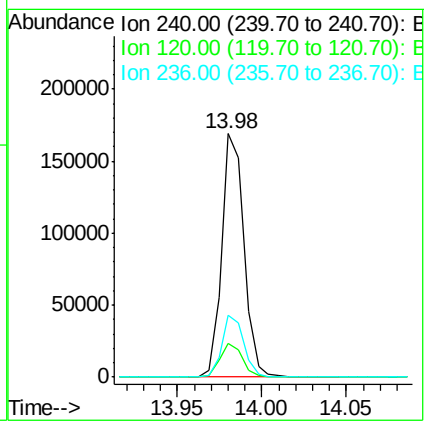


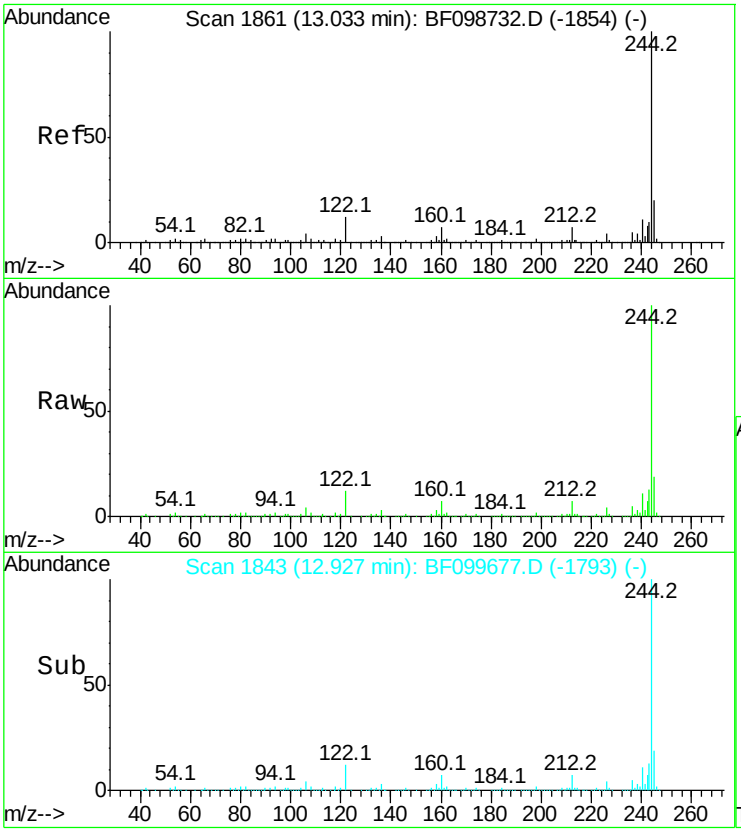


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:240 Resp: 155328

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	25.2	20.7	31.1



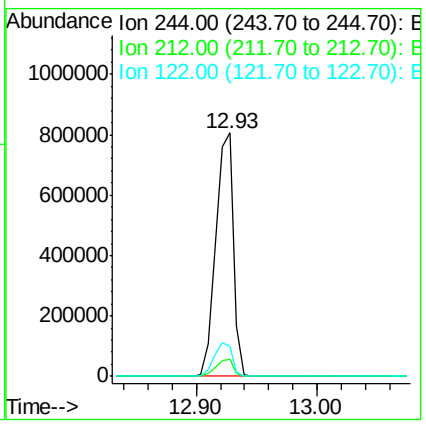


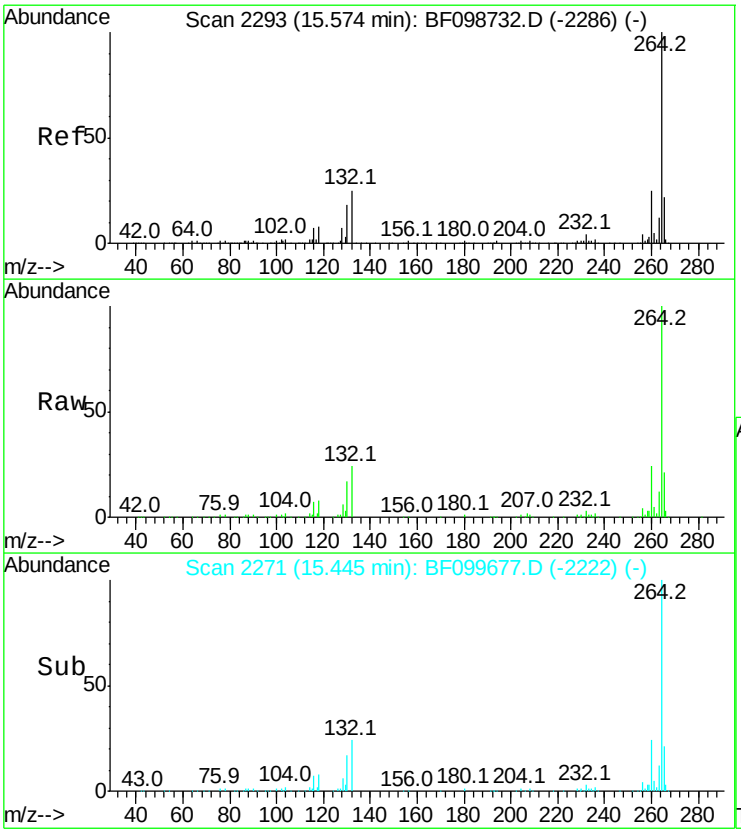
#78
Terphenyl-d14
Concen: 117.045 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 799415

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099677.D
Acq: 20 Oct 2017 00:38

Tgt Ion:264 Resp: 169925

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3