Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101933.D
Acq On : 5 Jan 2018 16:48
Operator : SJ/JU
Sample : J1032-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWS-4

Quant Time: Jan 05 17:44:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127273	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	467458	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	159935	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	256834	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	271310	20.00	ng		-0.02
86) Perylene-d12	15.43	264	217513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1148146	134.38	ng		0.01
7) Phenol-d6	6.43	99	1213477	114.12	ng		0.00
23) Nitrobenzene-d5	7.35	82	875539	104.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	178596	115.89	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1123379	108.96	ng		-0.01
78) Terphenyl-d14	12.88	244	901234	80.08	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	115601	16.554	ng	#	85
20) 3+4-Methylphenols	7.25	107	47035	5.369	ng		89
25) Isophorone	7.35	82	875539	51.973	ng	#	64
27) 2,4-Dimethylphenol	7.89	122	109896	16.201	ng	#	5
32) Benzoic acid	7.89	122	119073	29.692	ng		96
49) Dimethylphthalate	9.53	163	66712	5.186	ng		99
56) 2,4-Dinitrotoluene	9.81	165	21062	7.150	ng	#	24
62) Azobenzene	10.52	77	107075	8.114	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	11990	4.155	ng	#	1

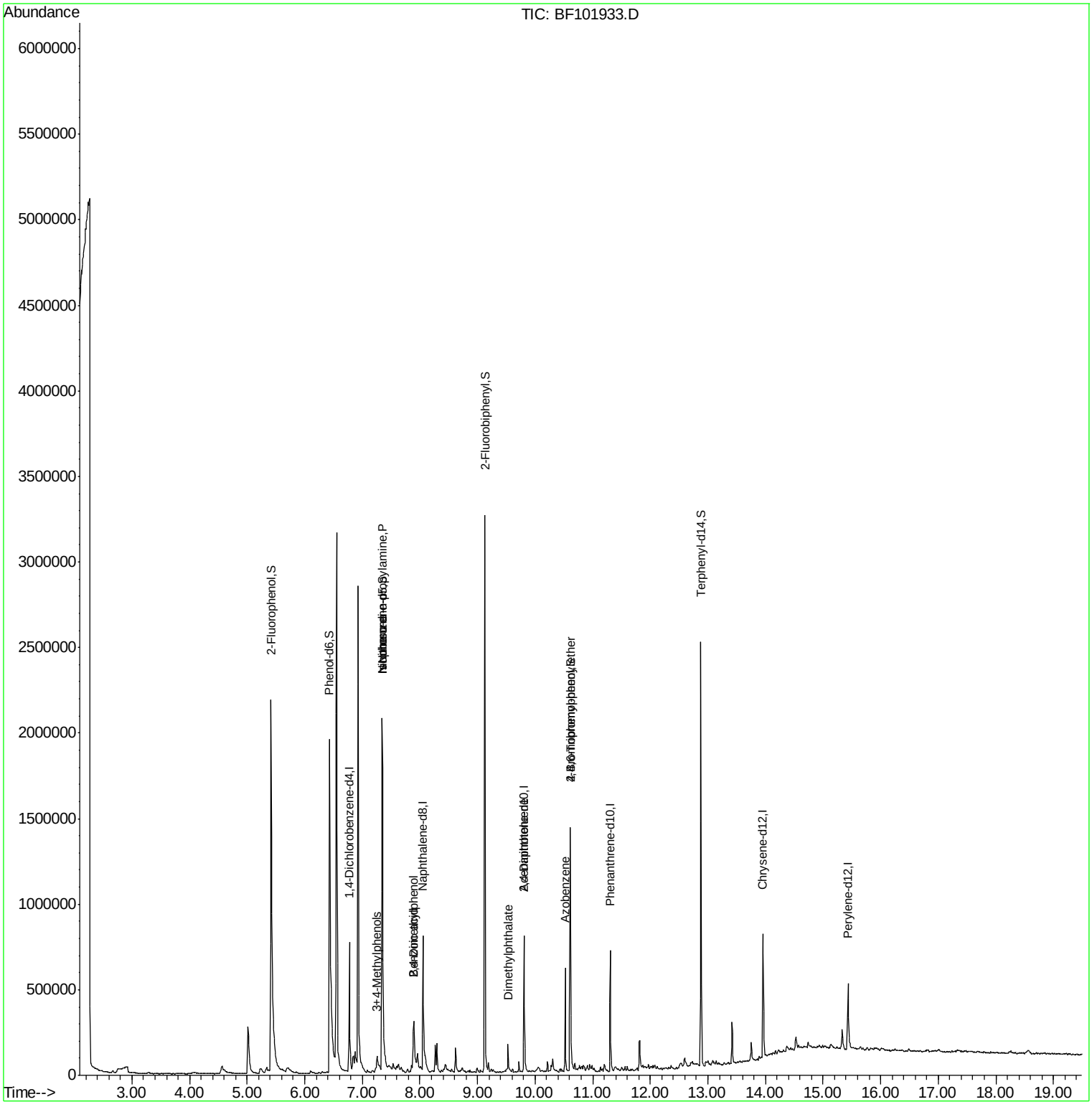
(#) = qualifier out of range (m) = manual integration (+) = signals summed

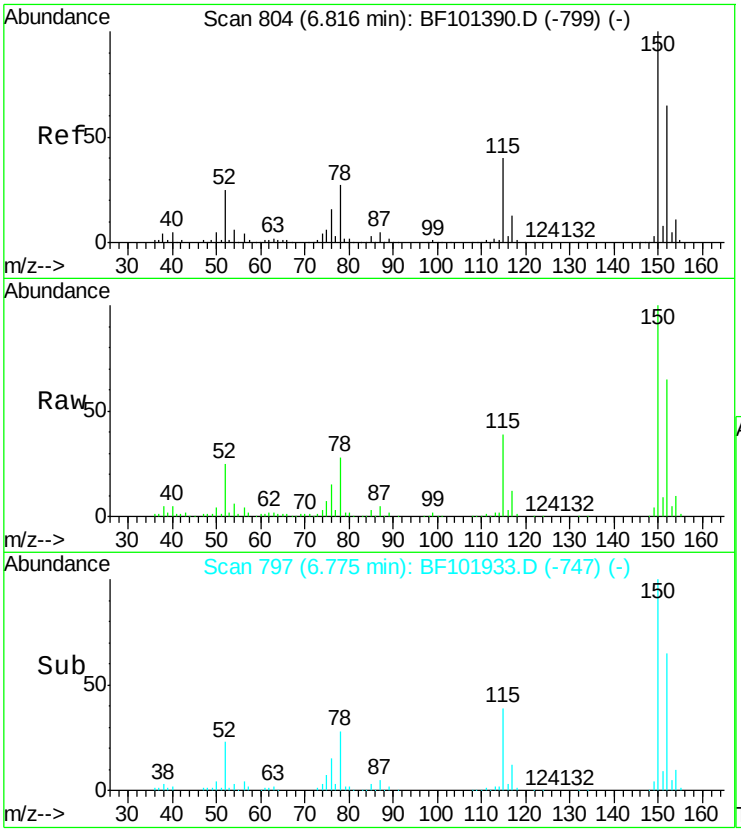
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101933.D
Acq On : 5 Jan 2018 16:48
Operator : SJ/JU
Sample : J1032-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWS-4

Quant Time: Jan 05 17:44:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



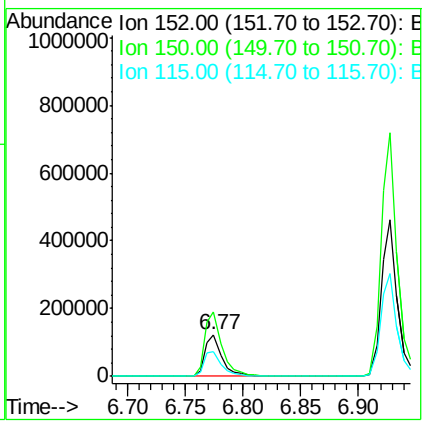


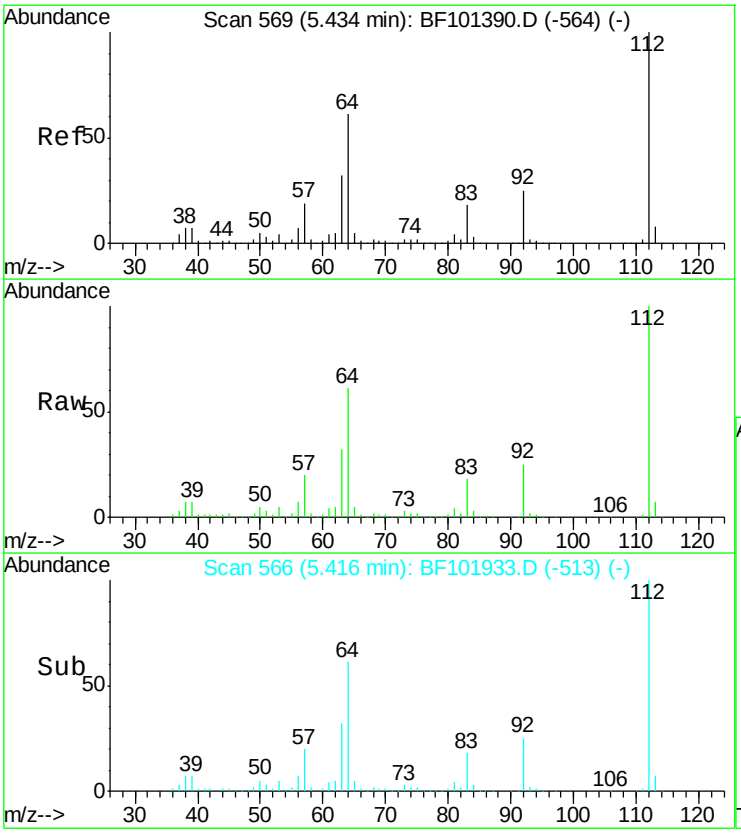
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:152 Resp: 127273

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	60.5	50.1	75.1

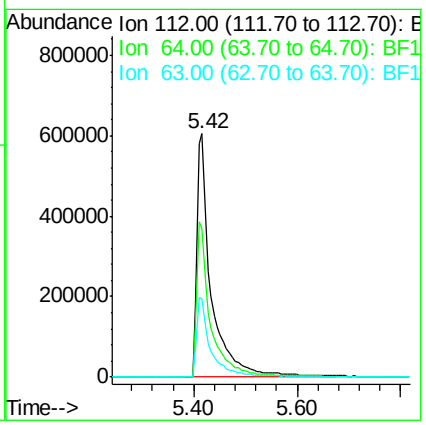


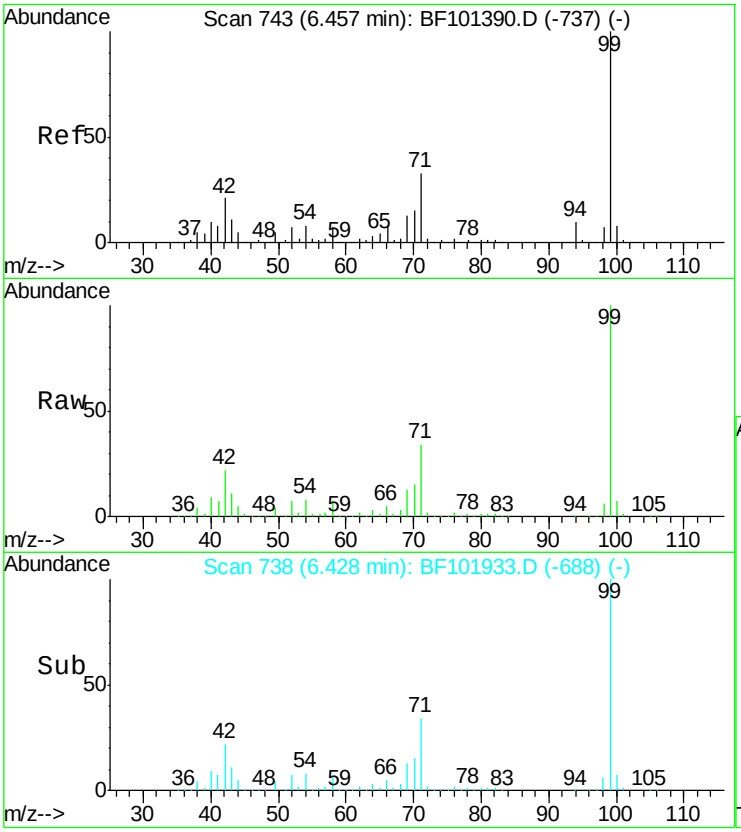


#5
2-Fluorophenol
Concen: 134.377 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:112 Resp: 1148146

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	32.3	23.7	35.5



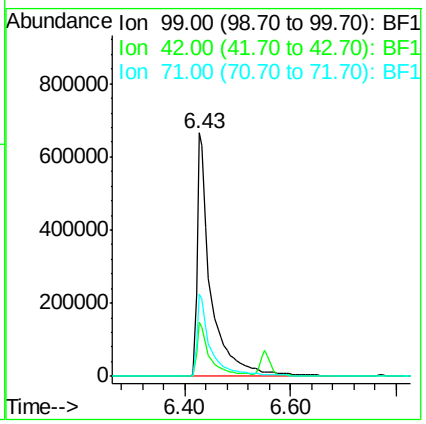


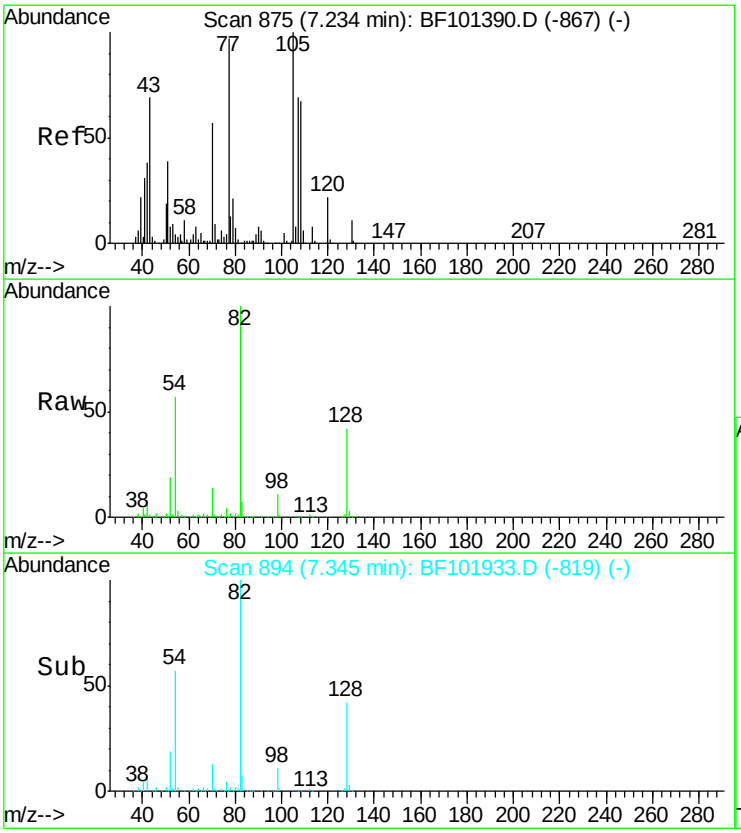
#7
Phenol-d6
Concen: 114.117 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion: 99 Resp: 1213477

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	33.9	25.4	38.0

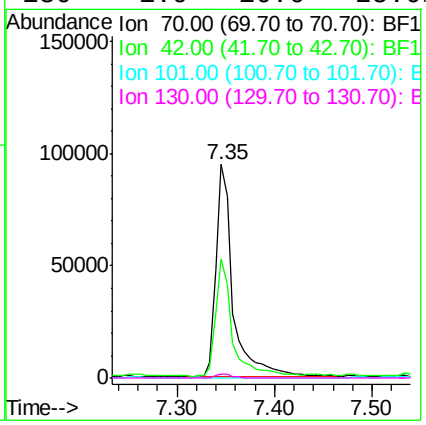


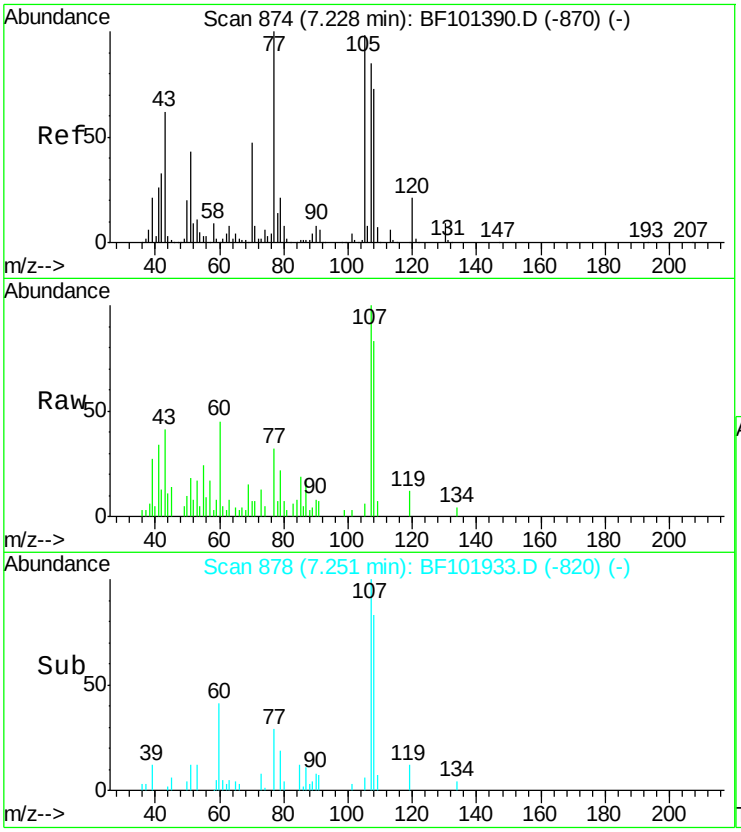


#19
n-Nitroso-di-n-propylamine
Concen: 16.554 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion: 70 Resp: 115601

Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



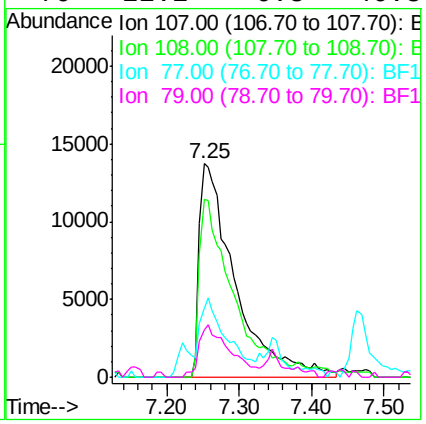


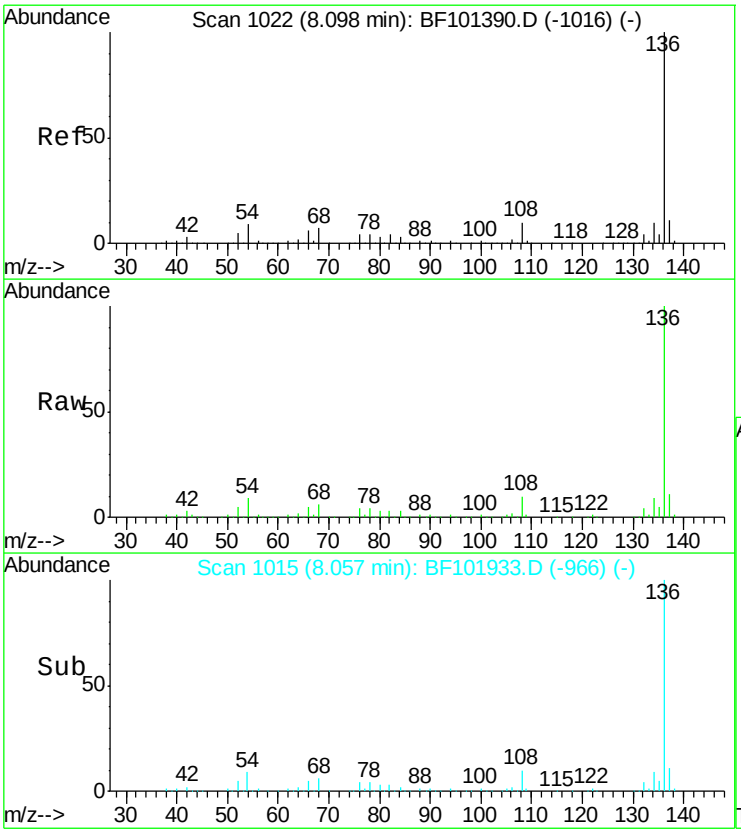
#20
3+4-Methylphenols
Concen: 5.369 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.04 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:107 Resp: 47035

Ion	Ratio	Lower	Upper
107	100		
108	83.3	68.2	108.2
77	32.1	26.7	66.7
79	22.2	6.3	46.3

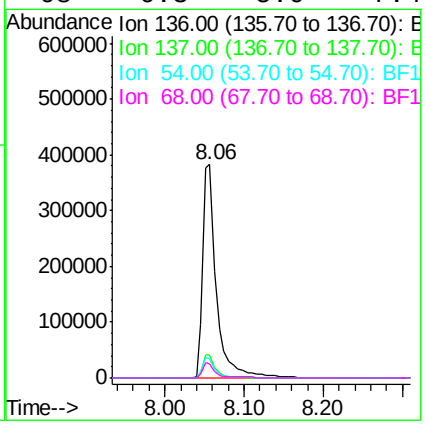


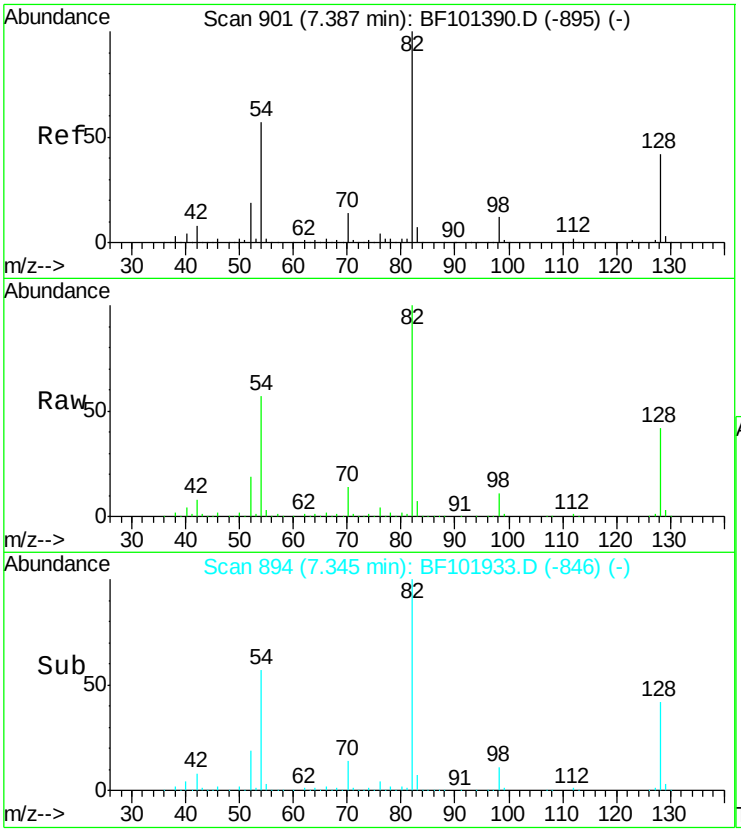


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:136 Resp: 467458

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4



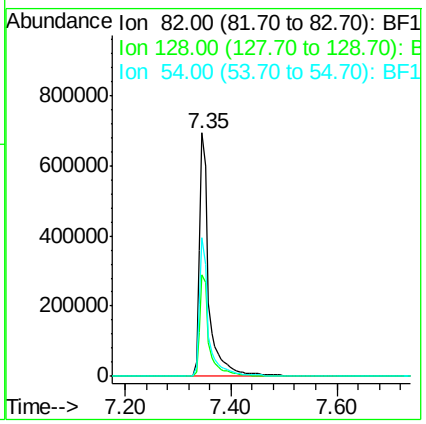


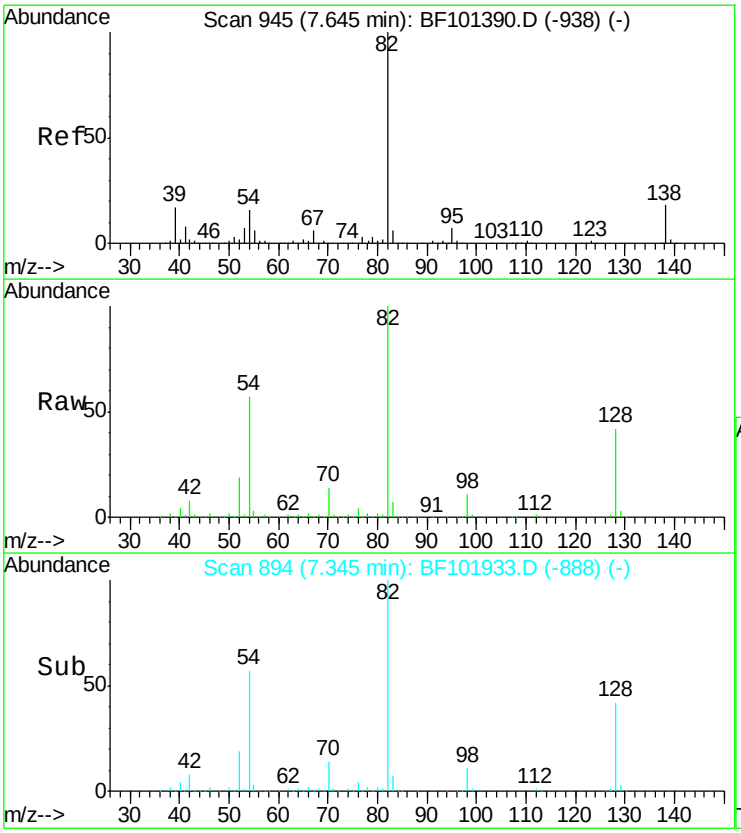
#23
Nitrobenzene-d5
Concen: 104.261 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion: 82 Resp: 875539

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	56.7	41.4	62.2

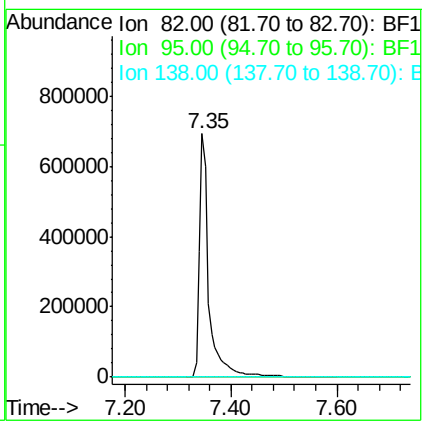


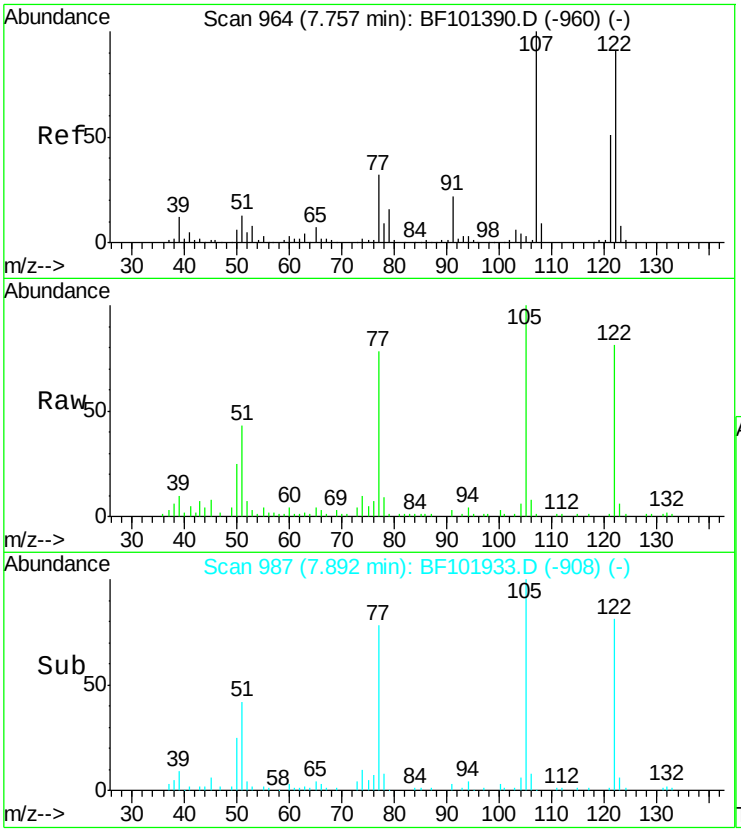


#25
Isophorone
Concen: 51.973 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion: 82 Resp: 875539

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



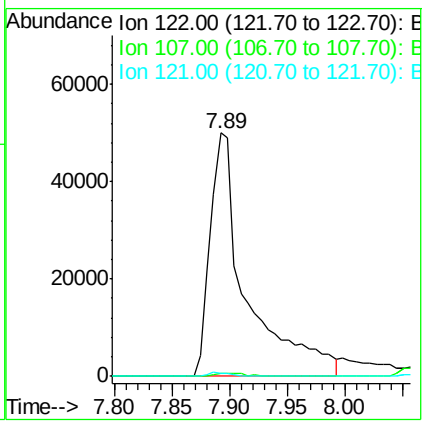


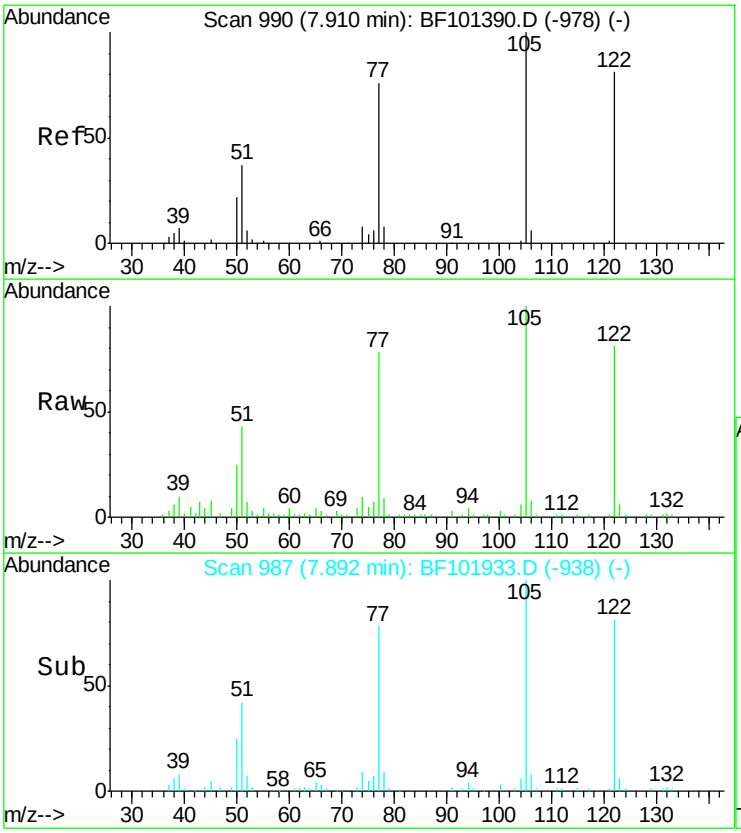
#27
2,4-Dimethylphenol
Concen: 16.201 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.16 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:122 Resp: 109896

Ion	Ratio	Lower	Upper
122	100		
107	1.3	91.2	136.8#
121	1.0	47.2	70.8#

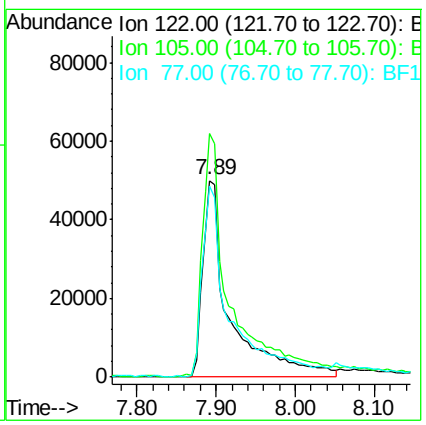


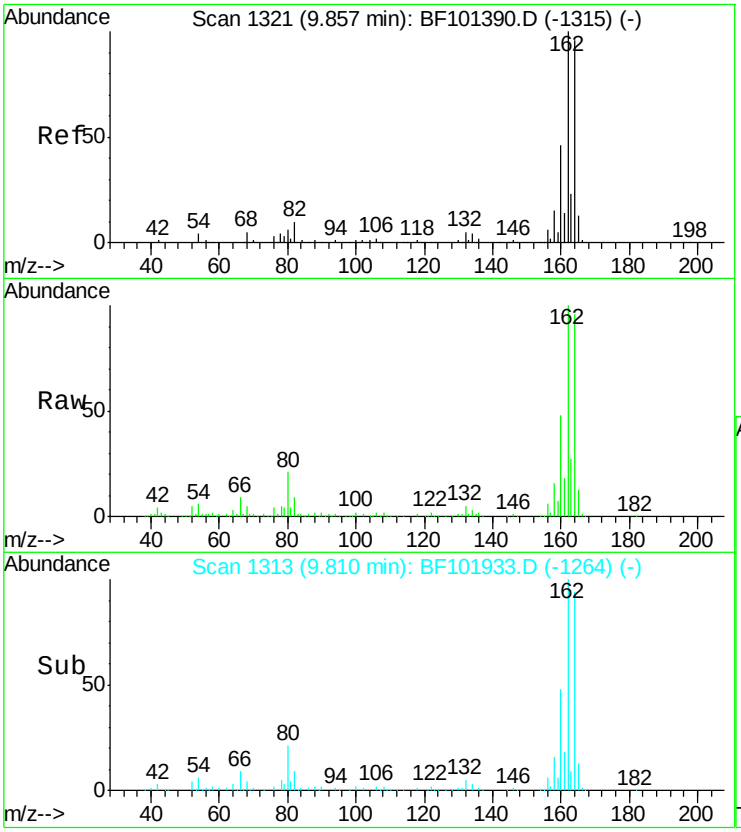


#32
Benzoic acid
Concen: 29.692 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:122 Resp: 119073

Ion	Ratio	Lower	Upper
122	100		
105	123.8	101.1	141.1
77	97.1	70.7	110.7



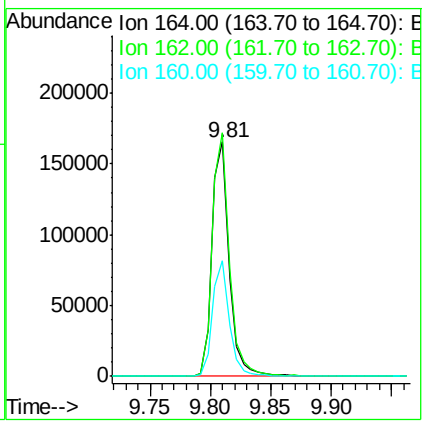


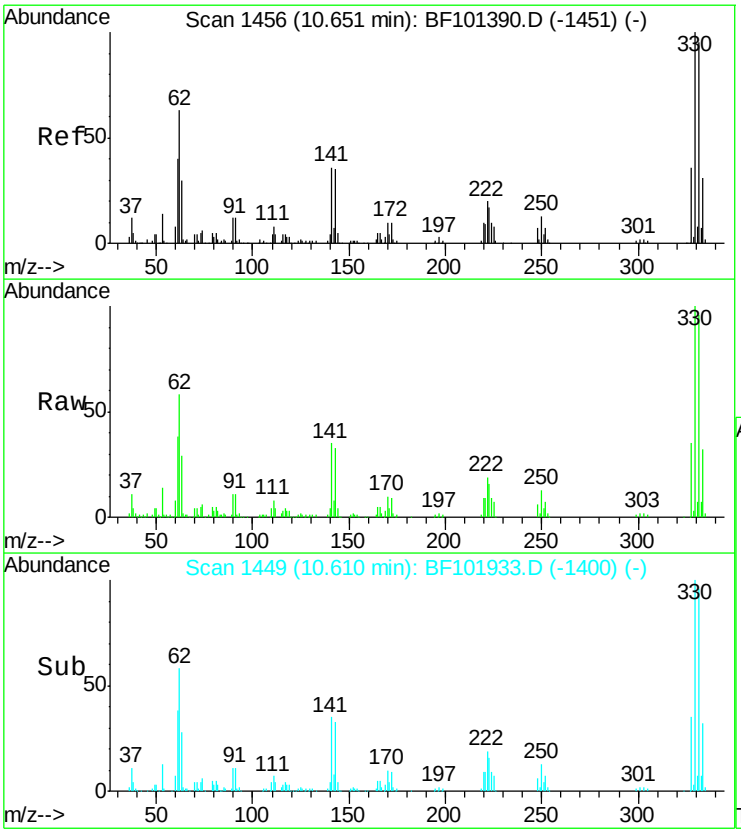
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:164 Resp: 159935

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	49.5	38.3	57.5

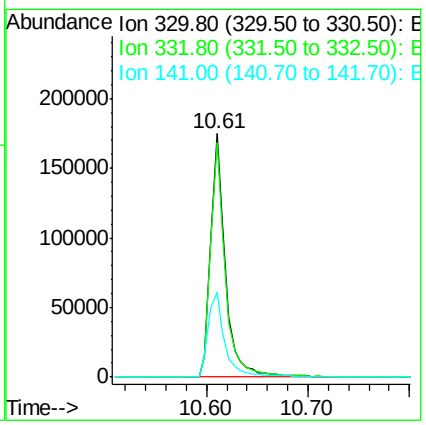


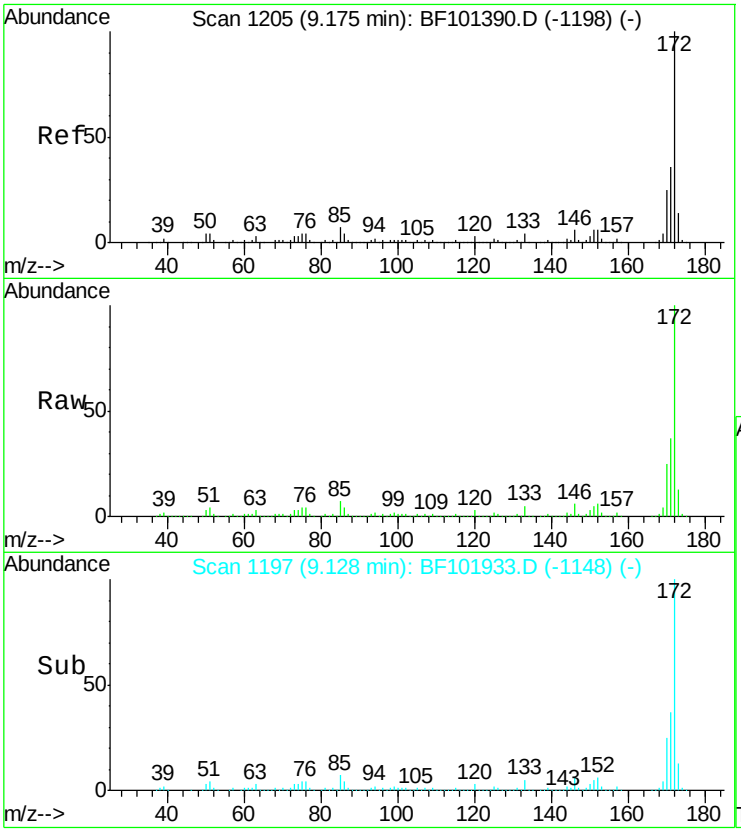


#41
2,4,6-Tribromophenol
Concen: 115.889 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:330 Resp: 178596

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.6	29.9	44.9



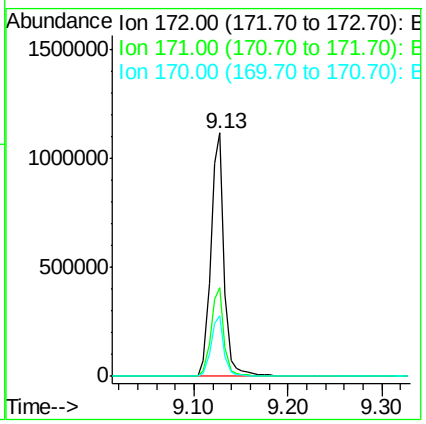


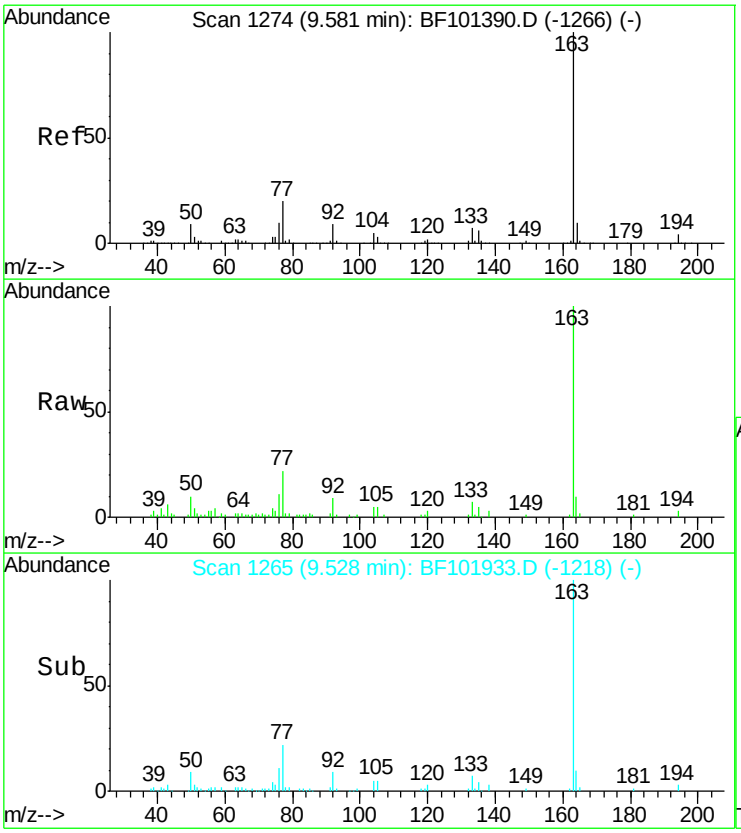
#44
2-Fluorobiphenyl
Concen: 108.959 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:172 Resp: 1123379

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.8	19.6	29.4

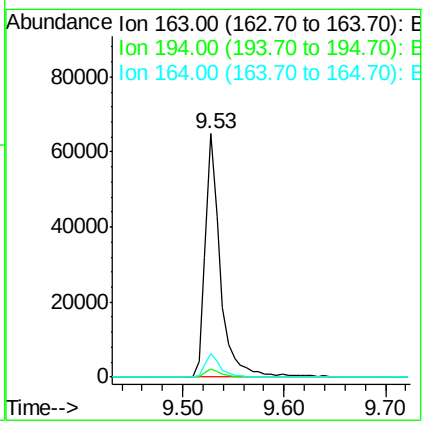


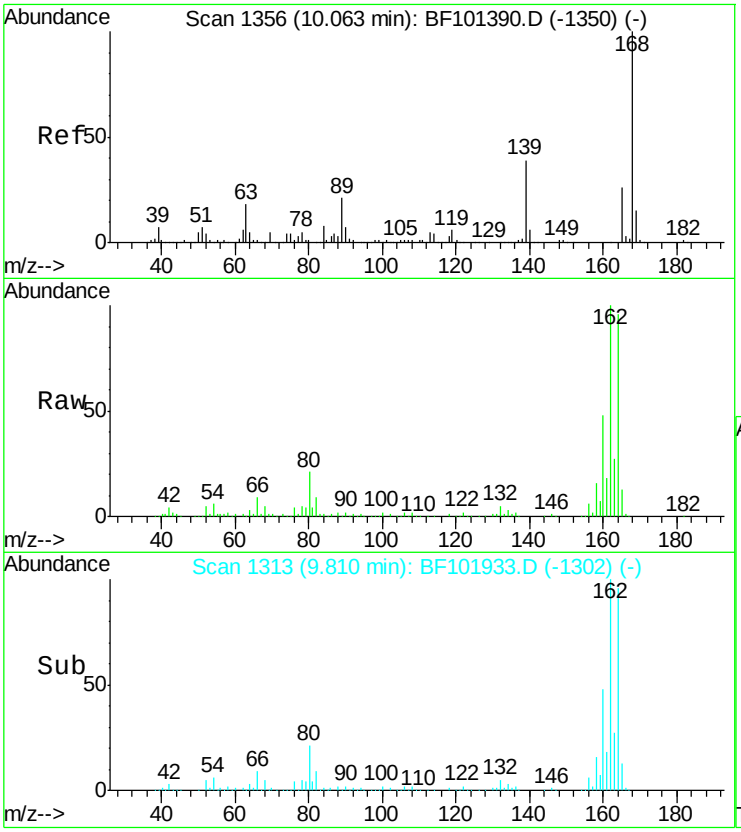


#49
Dimethylphthalate
Concen: 5.186 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:163 Resp: 66712

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2



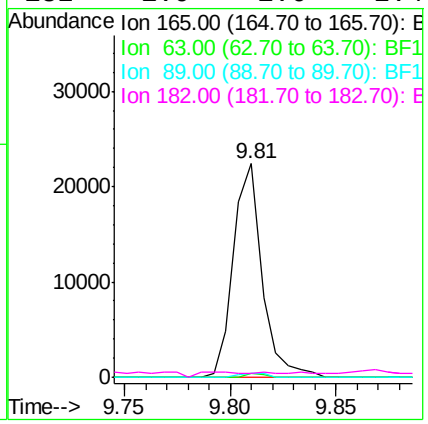


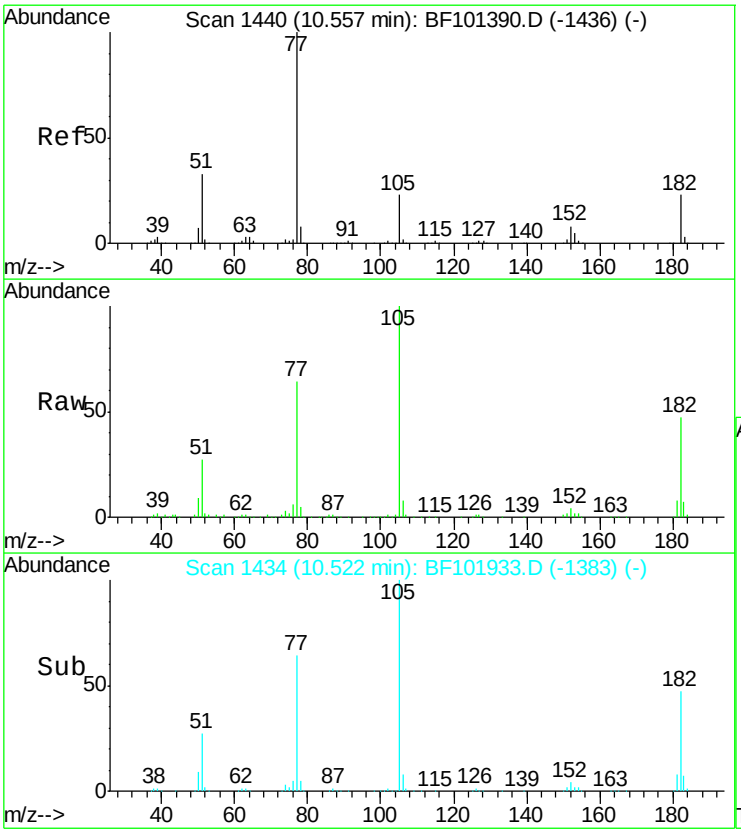
#56
2,4-Dinitrotoluene
Concen: 7.150 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.24 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:165 Resp: 21062

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.6	57.8	86.6#
182	1.9	1.6	2.4

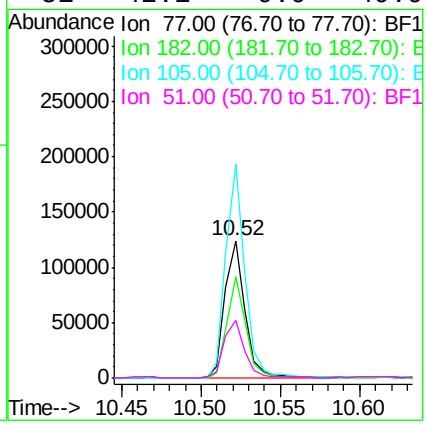


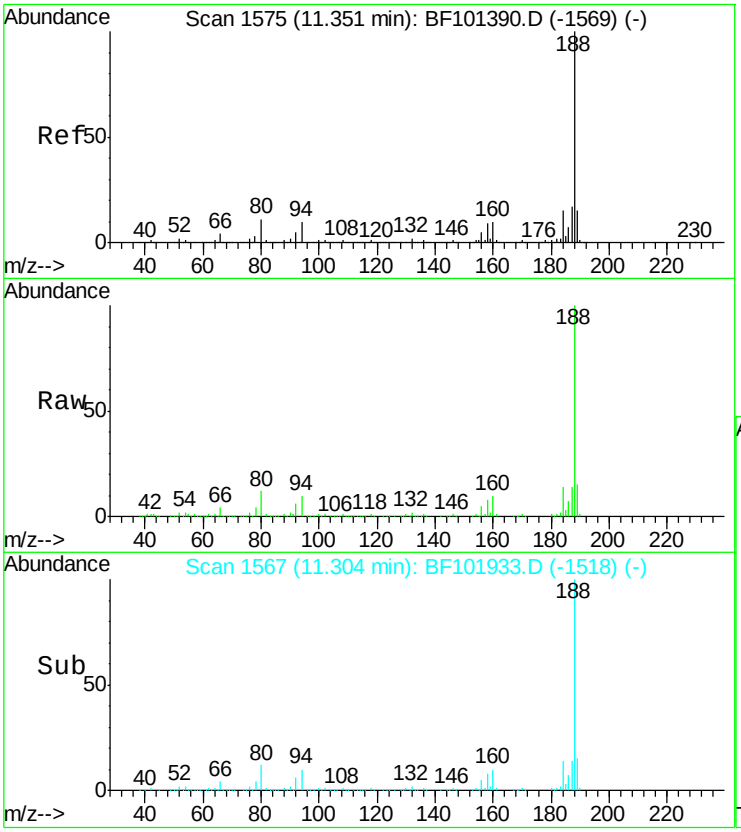


#62
Azobenzene
Concen: 8.114 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion: 77 Resp: 107075

Ion	Ratio	Lower	Upper
77	100		
182	73.4	1.7	41.7#
105	155.3	3.0	43.0#
51	42.1	9.9	49.9



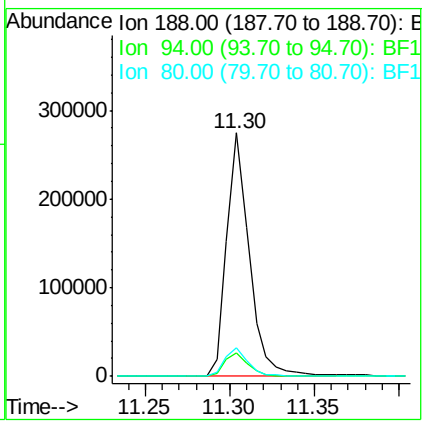


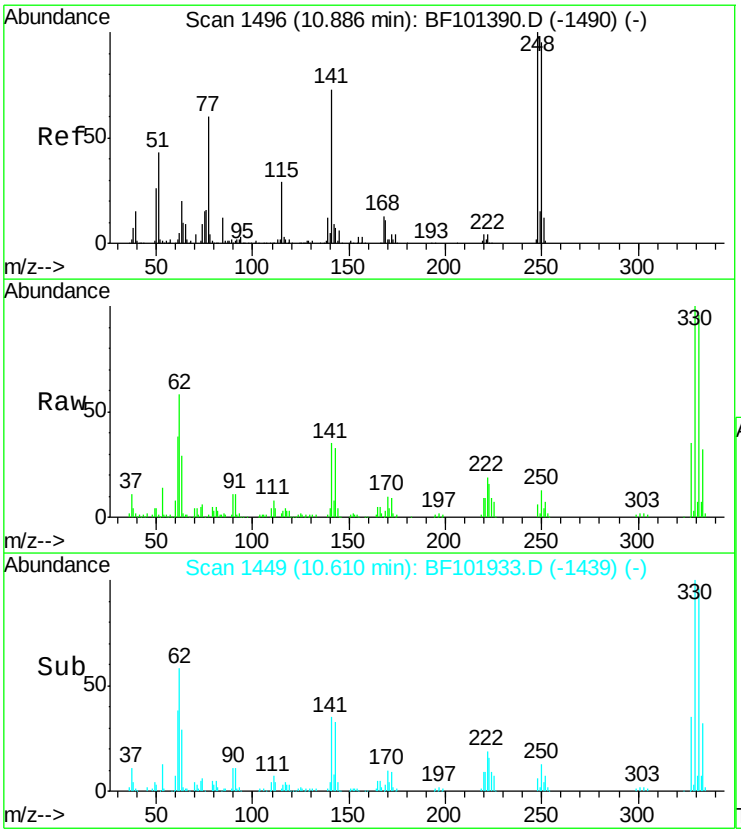
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:188 Resp: 256834

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.7	9.2	13.8

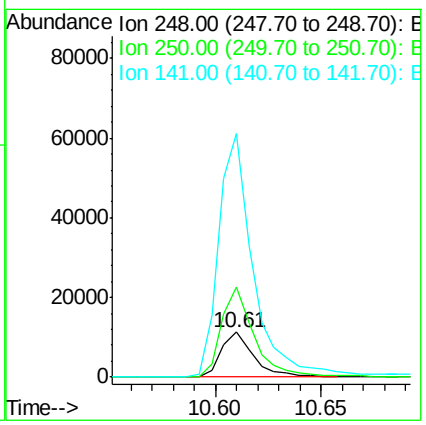


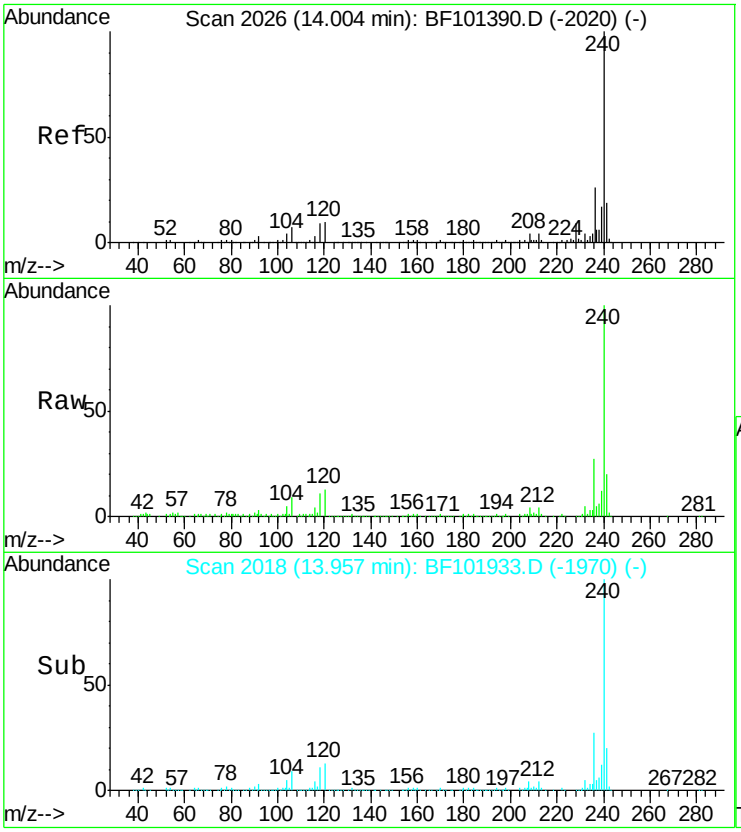


#66
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:248 Resp: 11990

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.9	115.3#
141	542.1	74.4	111.6#



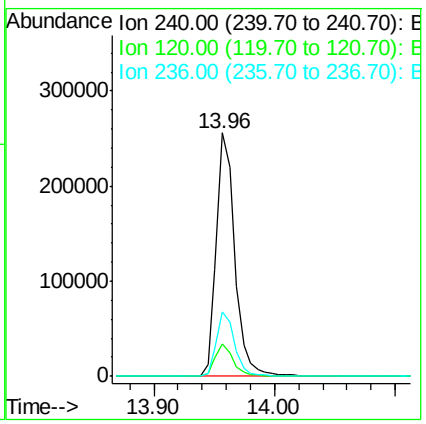


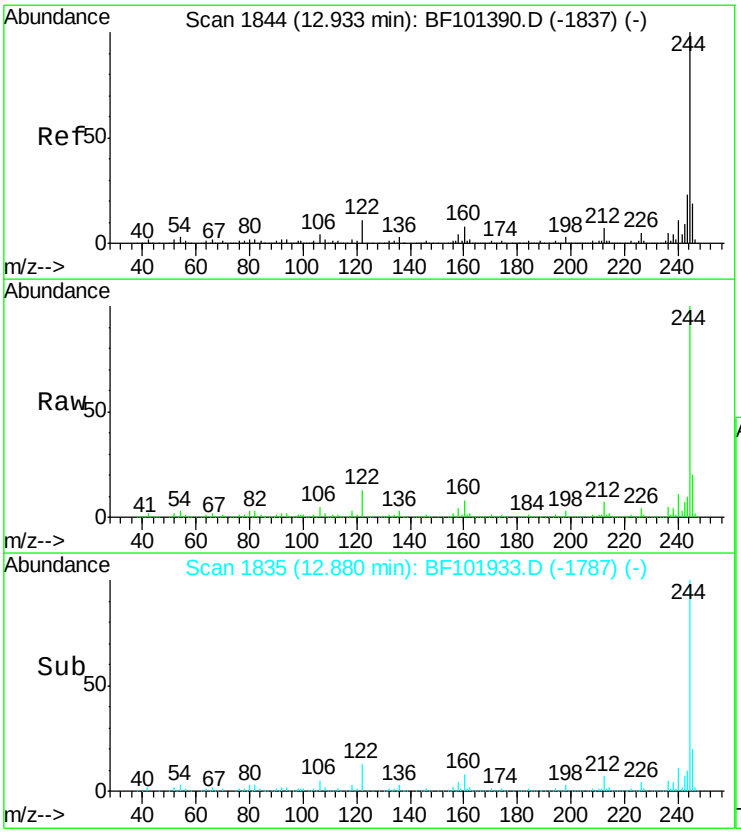
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:240 Resp: 271310

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.7	20.7	31.1

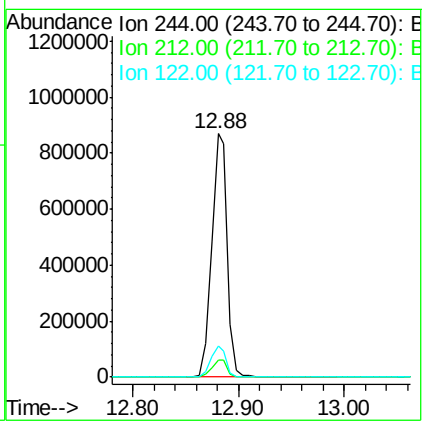


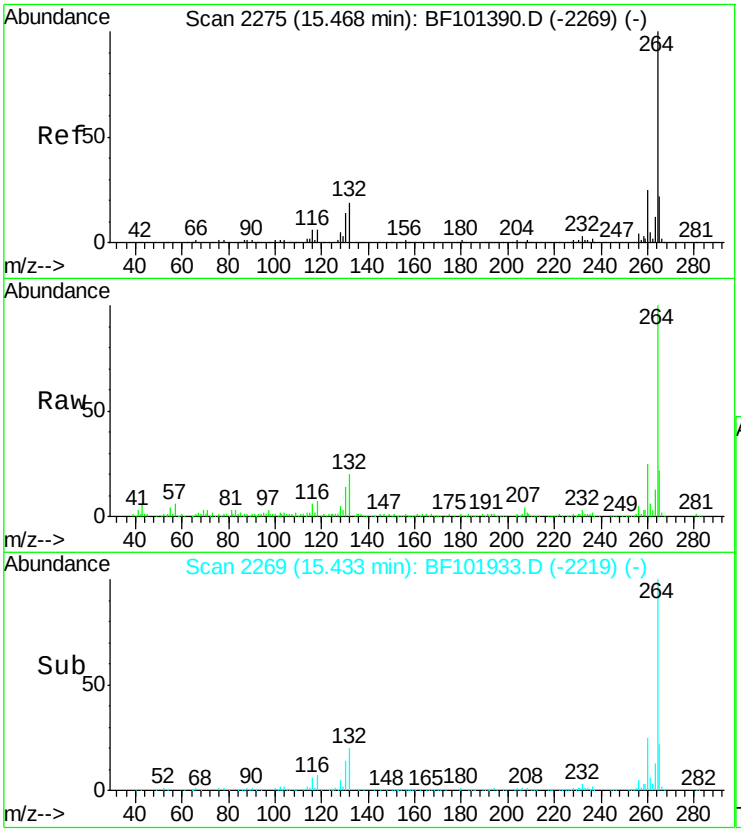


#78
Terphenyl-d14
Concen: 80.081 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Tgt Ion:244 Resp: 901234

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101933.D
Acq: 5 Jan 2018 16:48

Instrument :
BNA_F
ClientSampleId :
OWS-4

Tgt Ion:264 Resp: 217513

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.8	17.5	26.3