Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111887.D
Acq On : 7 Jan 2019 20:09
Operator : JU/SJ
Sample : K1036-12RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 04:06:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146917	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	566013	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	231225	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	343497	20.00	ng		0.00
76) Chrysene-d12	14.06	240	385541	20.00	ng		0.00
87) Perylene-d12	15.54	264	406127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	914883	106.54	ng		0.00
7) Phenol-d6	6.53	99	1096843	99.10	ng		0.00
23) Nitrobenzene-d5	7.45	82	625530	59.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	231594	77.00	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1257095	79.28	ng		0.00
79) Terphenyl-d14	13.00	244	1055454	51.97	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.60	93	102055	7.626	ng	#	25
9) Benzaldehyde	6.35	77	5839	Below Cal		#	20
10) Phenol	6.55	94	33157	2.756	ng	#	76
11) bis(2-Chloroethyl)ether	6.60	93	102055	10.966	ng	#	20
16) 2,2'-oxybis(1-Chloropropan	7.30	45	39412	2.484	ng		83
19) n-Nitroso-di-n-propylamine	7.30	70	32582	4.531	ng	#	38
25) Isophorone	7.45	82	613847	35.794	ng	#	66
50) Dimethylphthalate	9.63	163	73207	4.215	ng		99
57) 2,4-Dinitrotoluene	9.93	165	29775	5.932	ng	#	28
67) 4-Bromophenyl-phenylether	10.72	248	14026	3.153	ng	#	1
71) Phenanthrene	11.43	178	37831	2.060	ng		99
72) Anthracene	11.43	178	37831	2.029	ng		99
75) Fluoranthene	12.63	202	48762	2.586	ng		96
80) Butylbenzylphthalate	13.47	149	35946	3.205	ng	#	79
84) Bis(2-ethylhexyl)phthalate	14.03	149	31664	2.150	ng	#	89

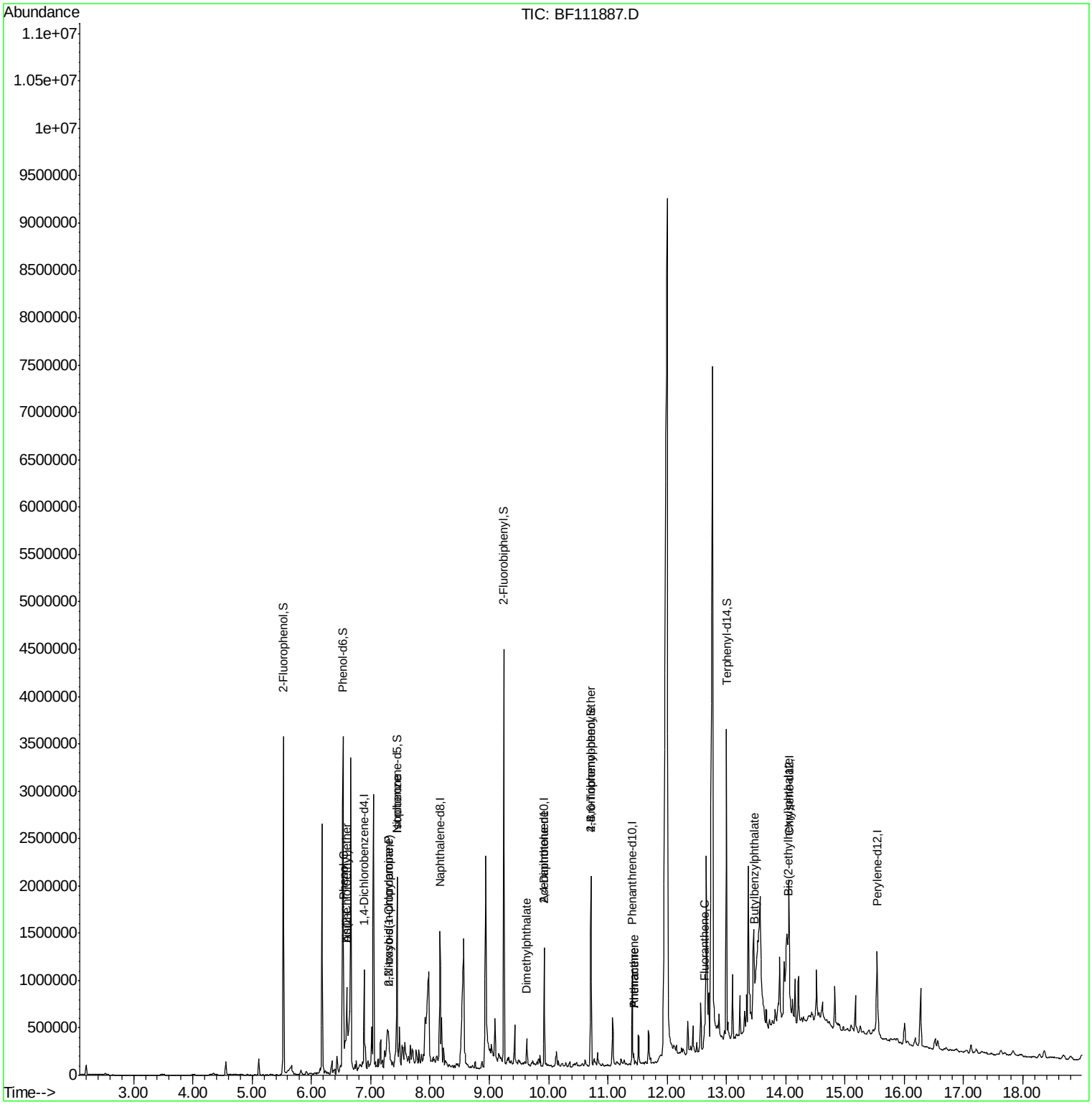
(#) = qualifier out of range (m) = manual integration (+) = signals summed

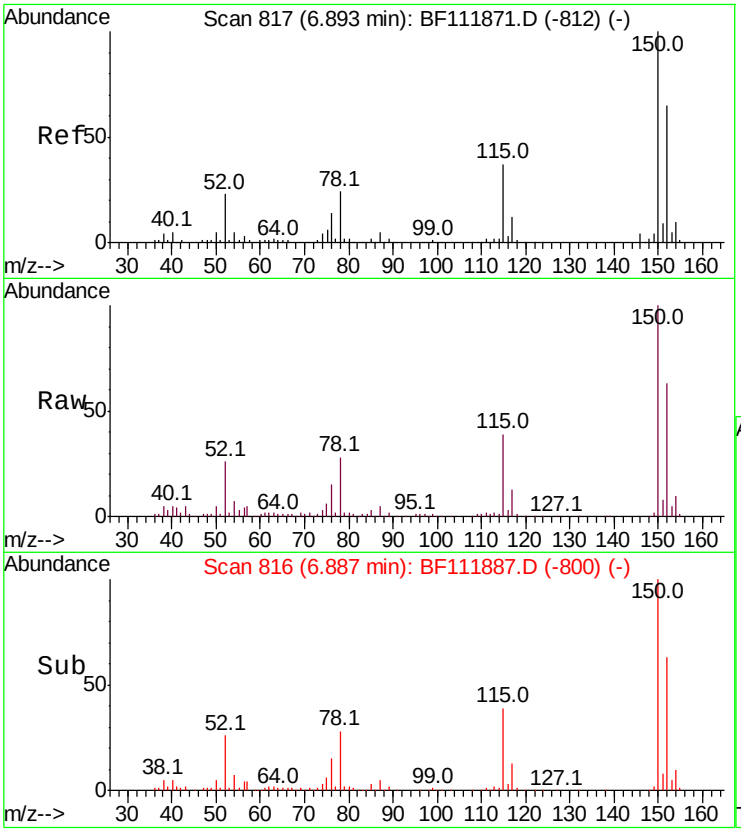
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111887.D
Acq On : 7 Jan 2019 20:09
Operator : JU/SJ
Sample : K1036-12RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 04:06:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



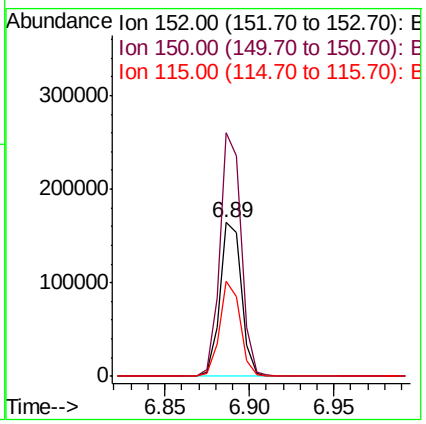


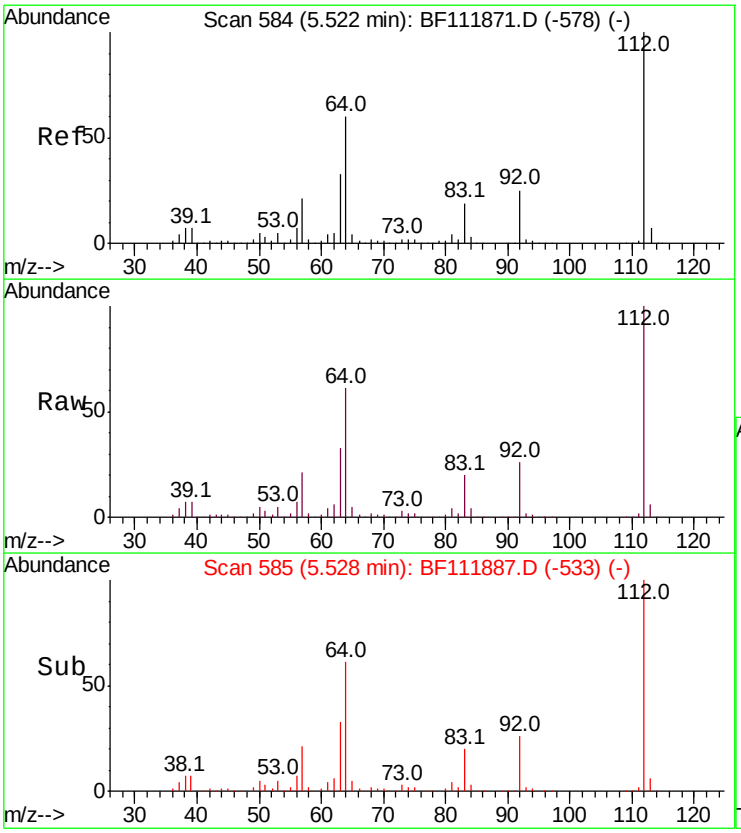
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146917

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	62.2	45.2	67.8

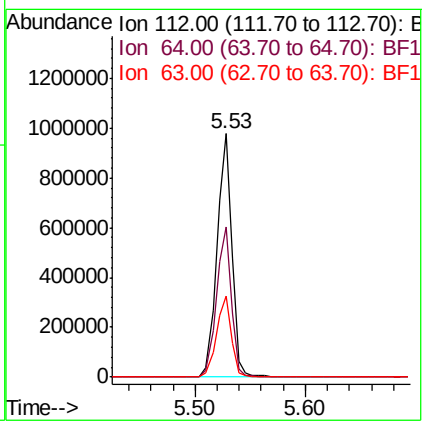


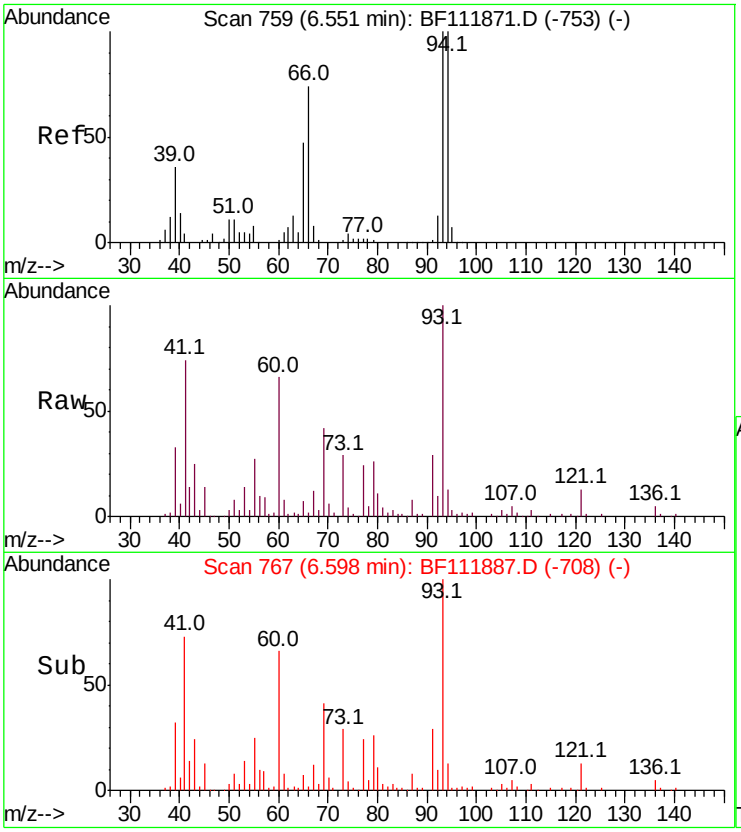


#5
2-Fluorophenol
Concen: 106.536 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:112 Resp: 914883

Ion	Ratio	Lower	Upper
112	100		
64	61.5	48.3	72.5
63	33.5	26.1	39.1



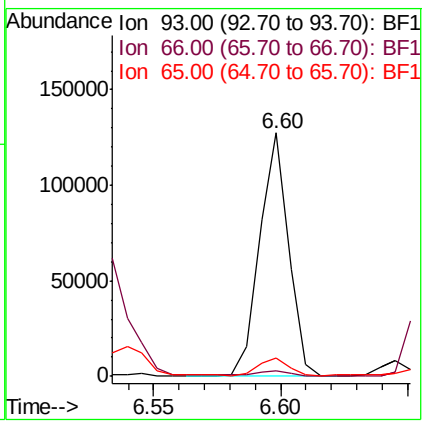


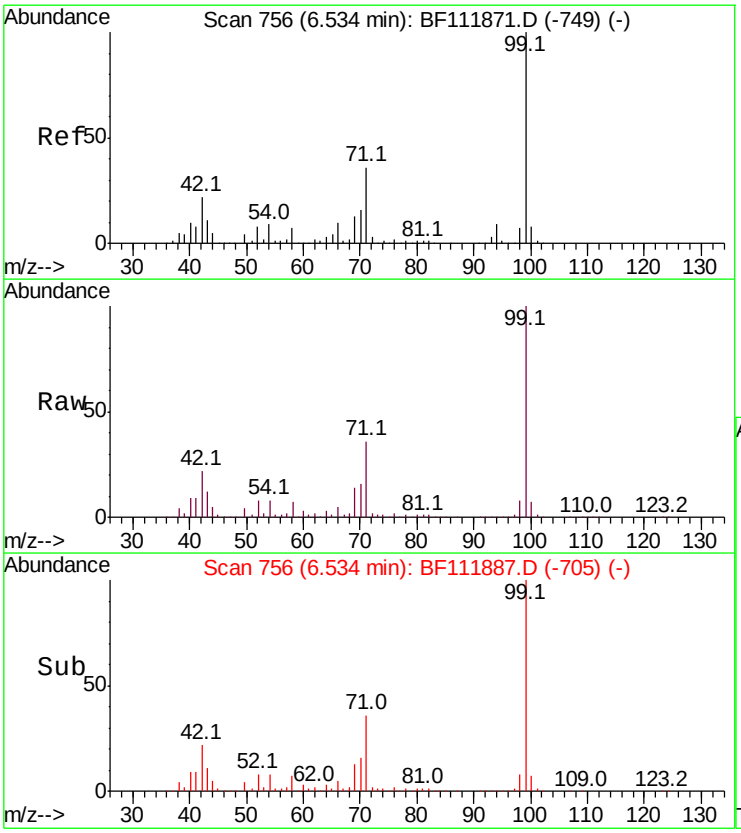
#6
Aniline
Concen: 7.626 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.05 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 102055

Ion	Ratio	Lower	Upper
93	100		
66	2.3	60.0	90.0#
65	7.4	37.5	56.3#

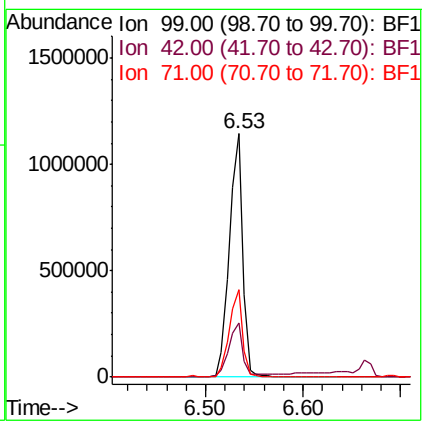


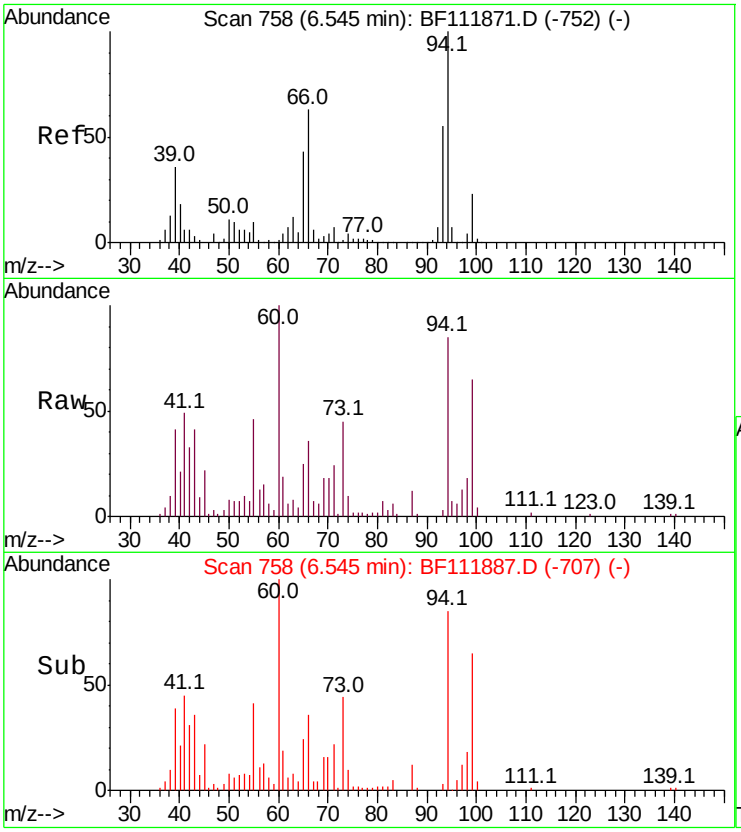


#7
Phenol-d6
Concen: 99.098 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion: 99 Resp: 1096843

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	35.7	28.7	43.1



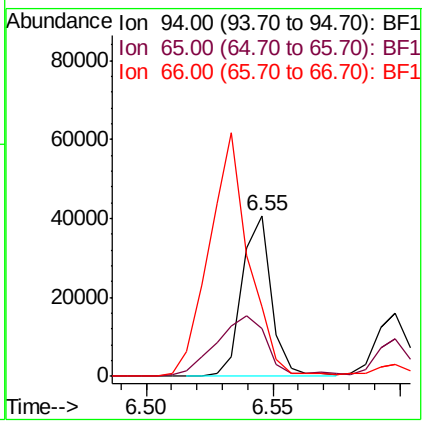


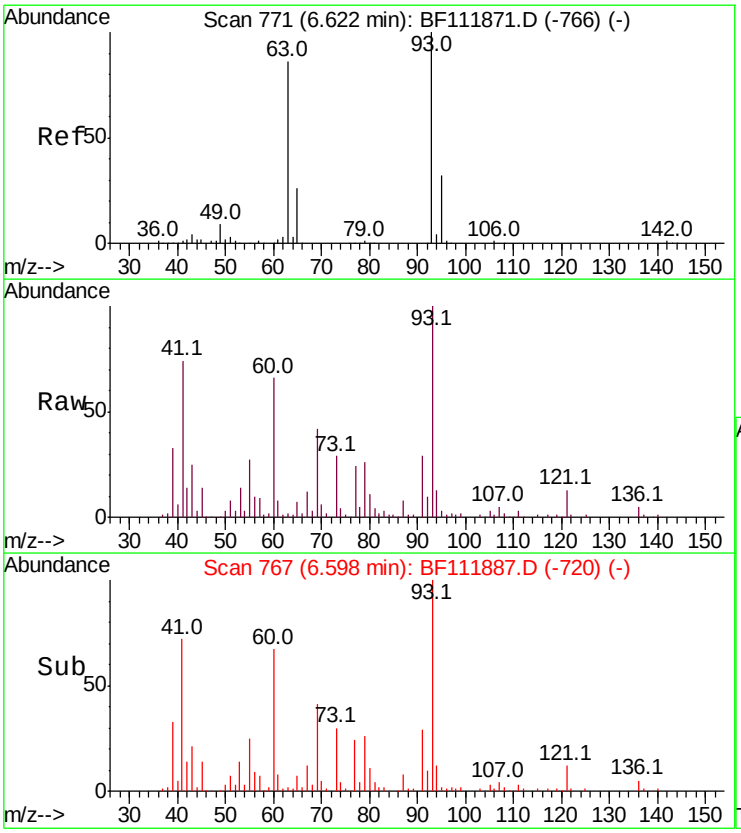
#10
Phenol
Concen: 2.756 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 33157

Ion	Ratio	Lower	Upper
94	100		
65	29.7	22.8	62.8
66	43.1	43.3	83.3#

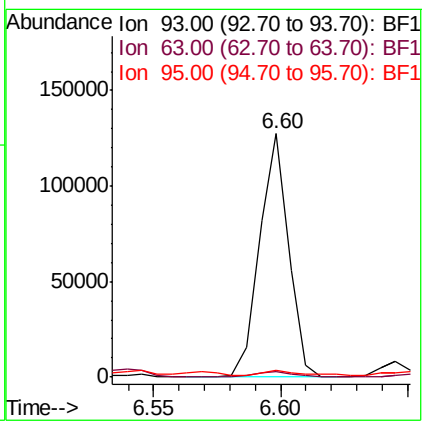


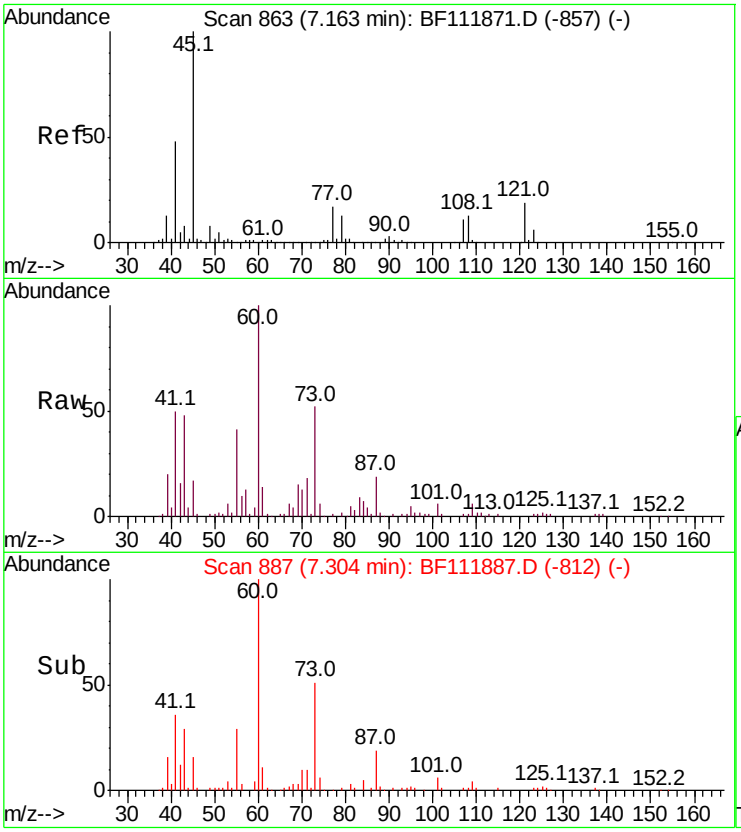


#11
bis(2-Chloroethyl)ether
Concen: 10.966 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion: 93 Resp: 102055

Ion	Ratio	Lower	Upper
93	100		
63	2.3	65.2	105.2#
95	2.7	11.9	51.9#



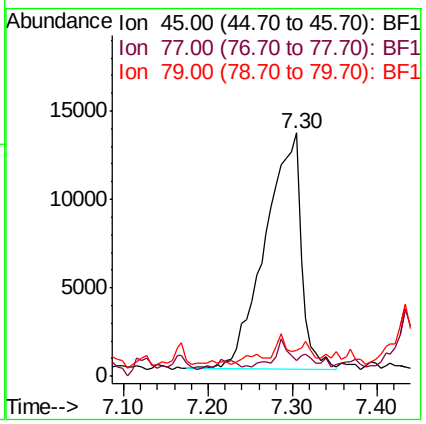


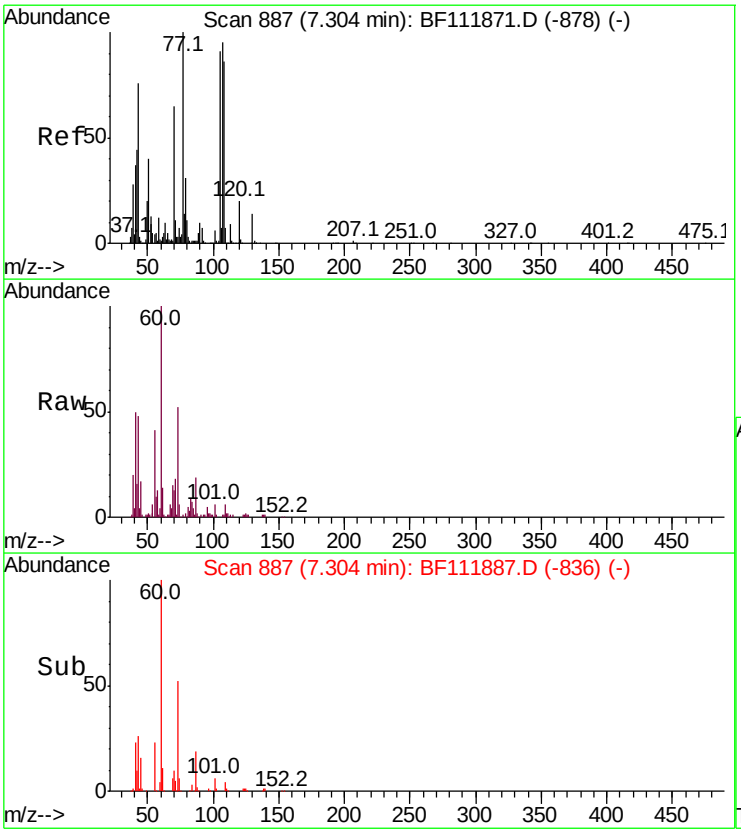
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.484 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 39412

Ion	Ratio	Lower	Upper
45	100		
77	6.4	0.0	37.1
79	10.8	0.0	33.9

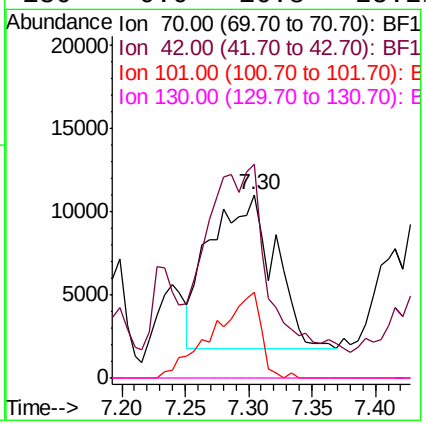


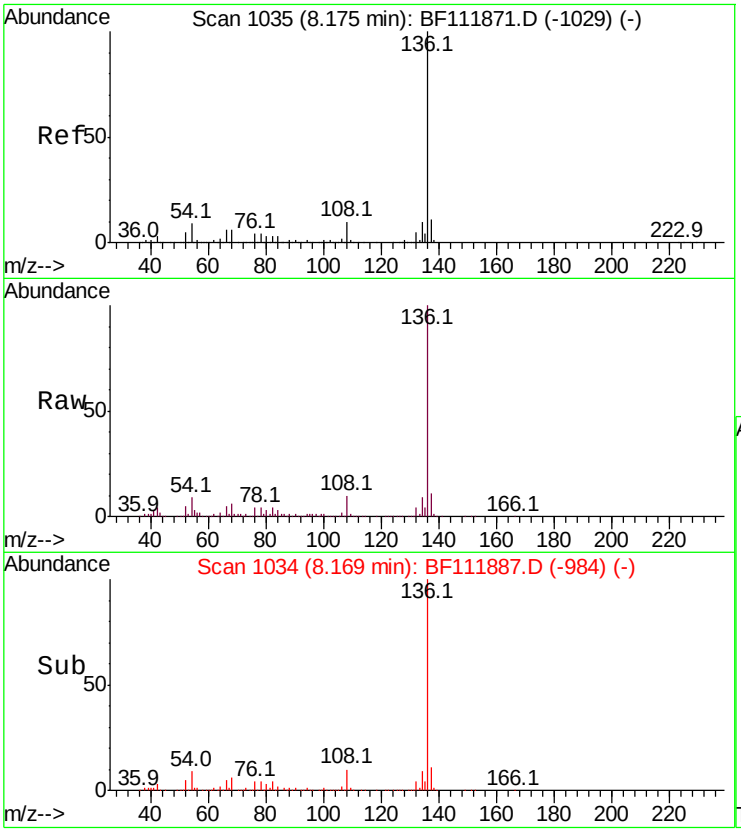


#19
n-Nitroso-di-n-propylamine
Concen: 4.531 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion: 70 Resp: 32582

Ion	Ratio	Lower	Upper
70	100		
42	116.5	53.6	80.4#
101	46.5	7.3	10.9#
130	0.0	16.8	25.2#



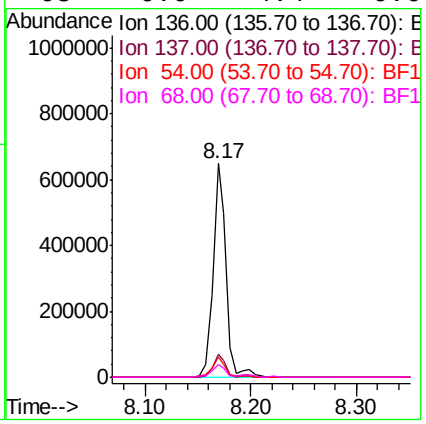


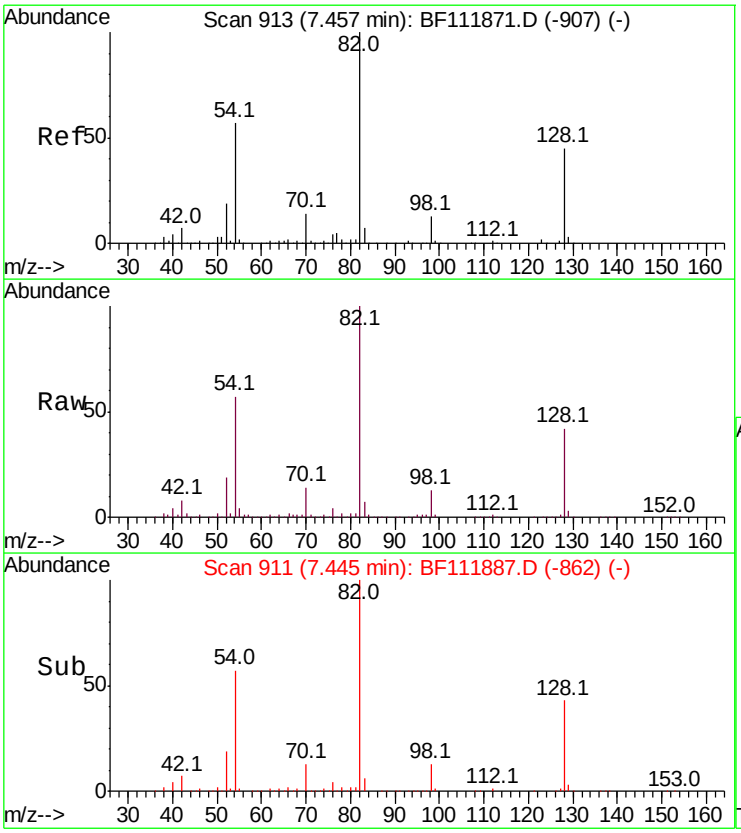
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 566013

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.3	7.2	10.8
68	6.0	4.4	6.6

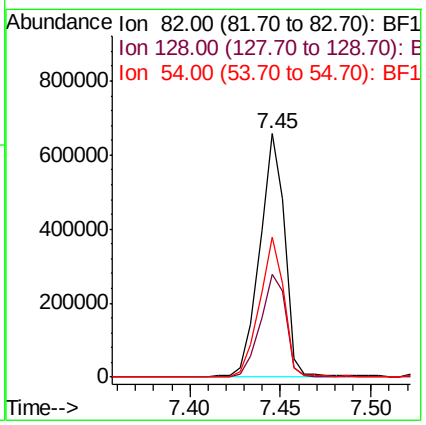


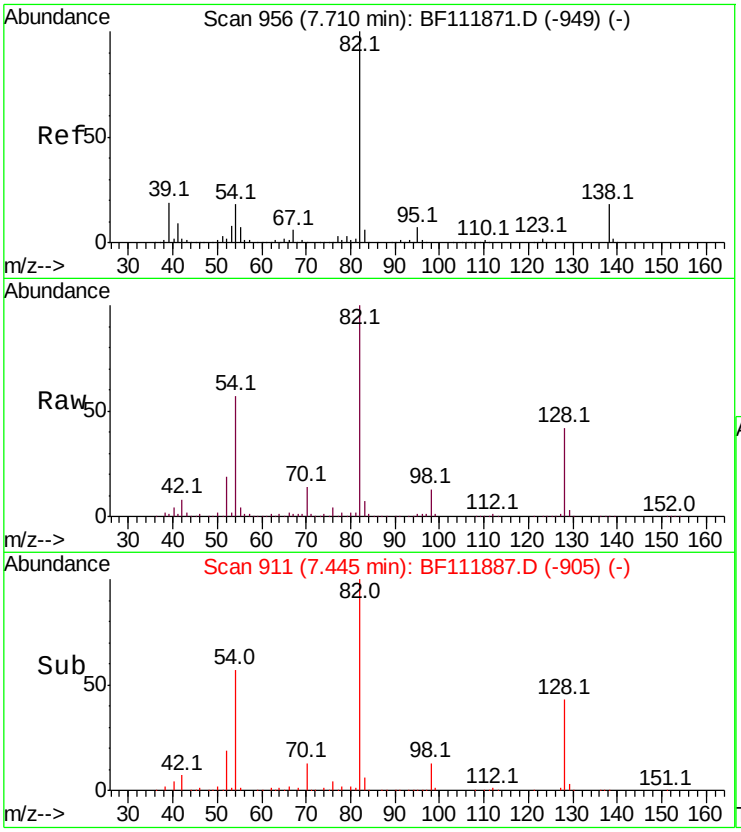


#23
Nitrobenzene-d5
Concen: 59.065 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion: 82 Resp: 625530

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.7	53.5
54	57.3	45.8	68.8

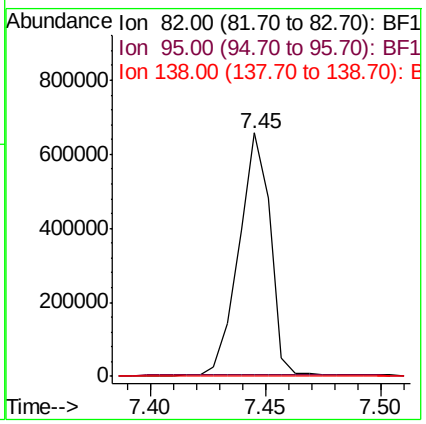




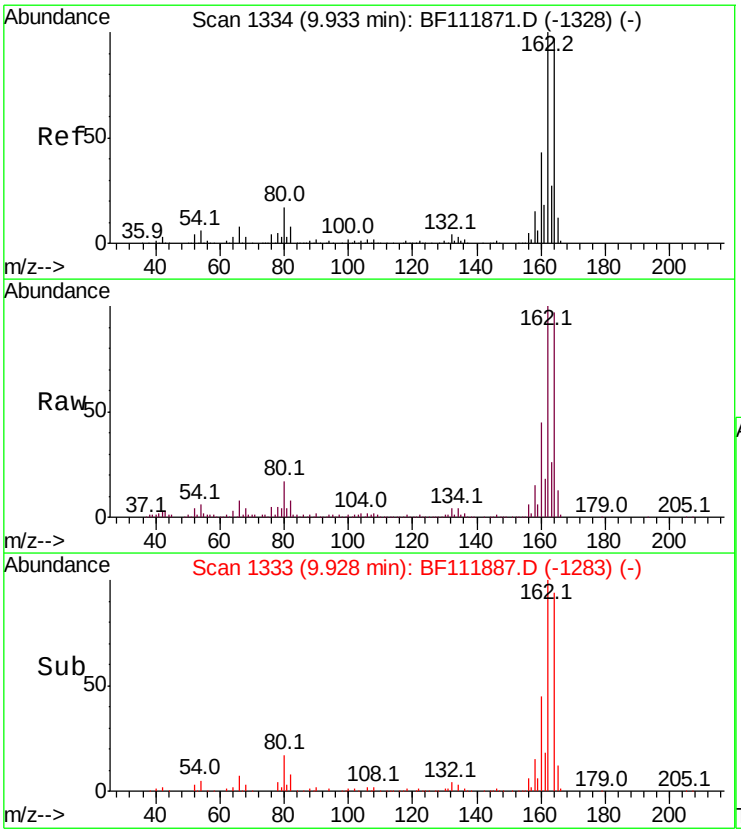
#25
Isophorone
Concen: 35.794 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion: 82 Resp: 613847

Ion	Ratio	Lower	Upper
82	100		
95	0.9	5.8	8.6#
138	0.1	14.4	21.6#



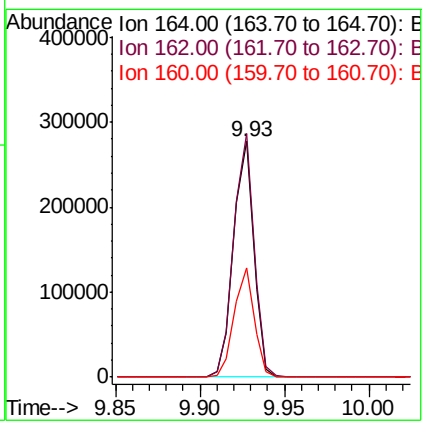
Instrument :
BNA_F
ClientSampleId :

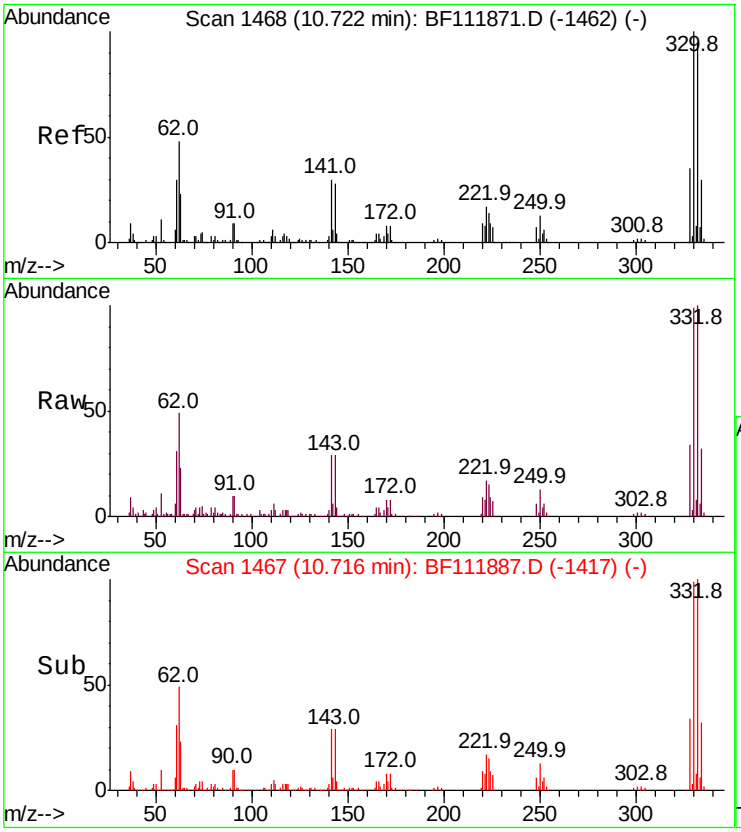


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:164 Resp: 231225

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	46.1	35.5	53.3



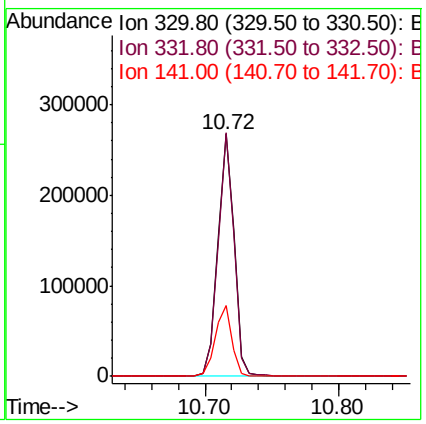


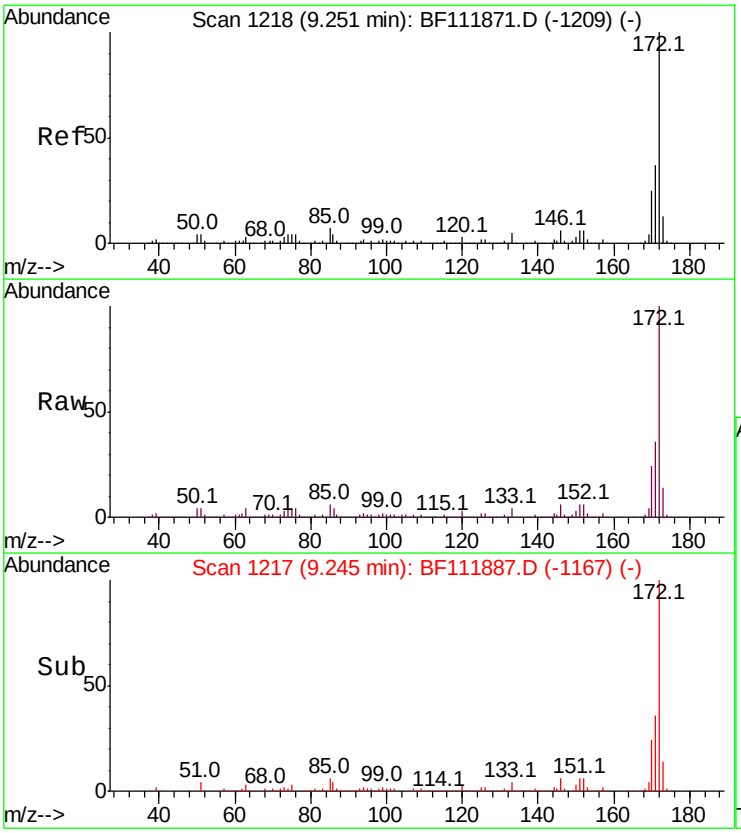
#42
2,4,6-Tribromophenol
Concen: 77.005 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 231594

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	30.3	23.7	35.5

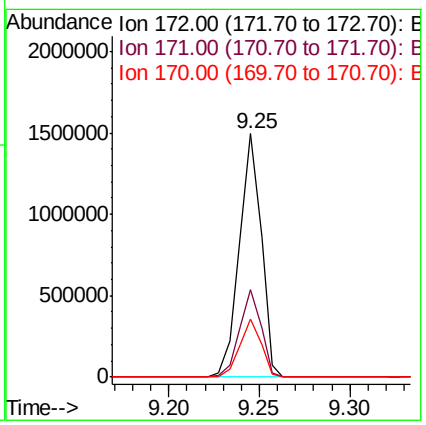


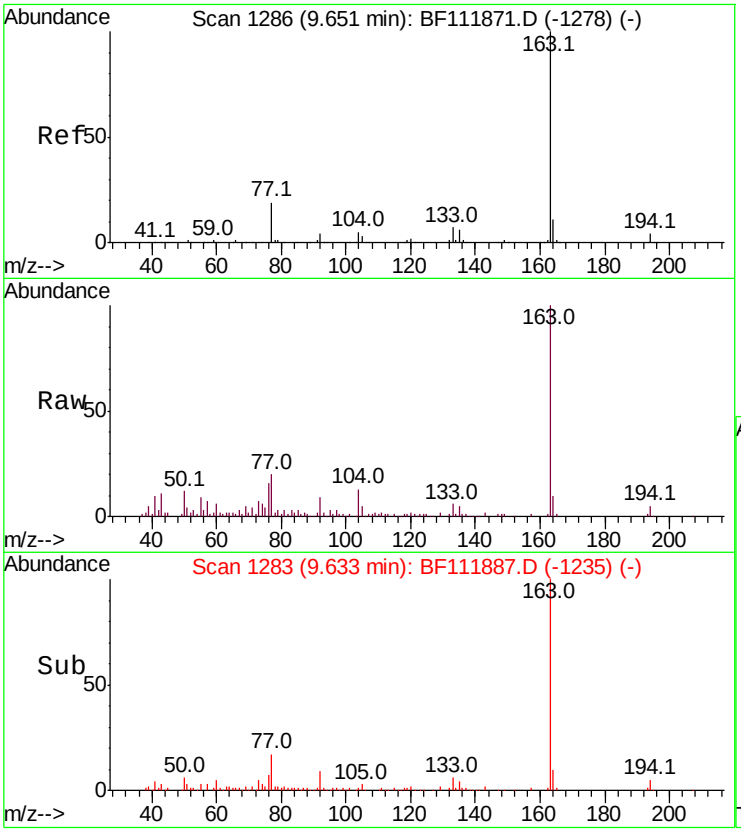


#45
2-Fluorobiphenyl
Concen: 79.278 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:172 Resp: 1257095

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8



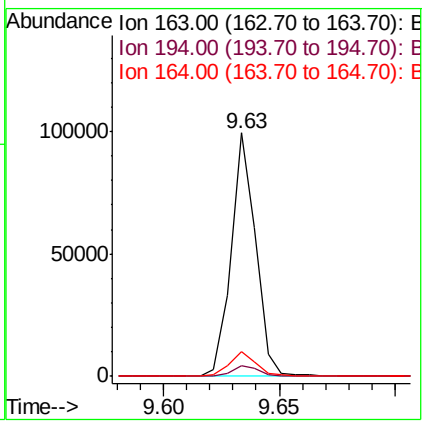


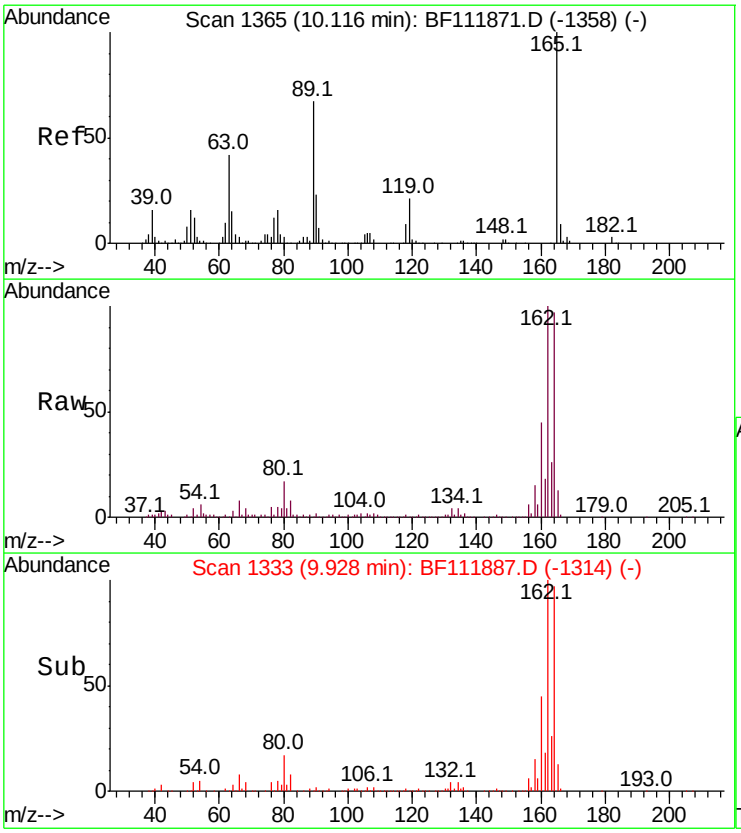
#50
Dimethylphthalate
Concen: 4.215 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 73207

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.2	8.5	12.7

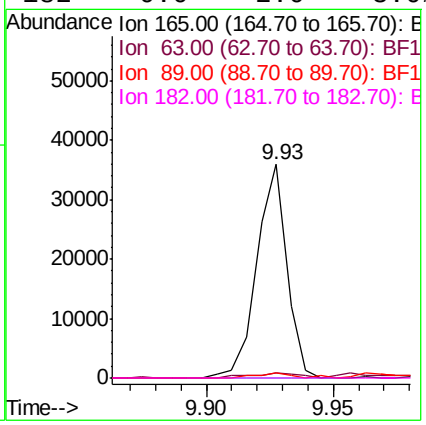


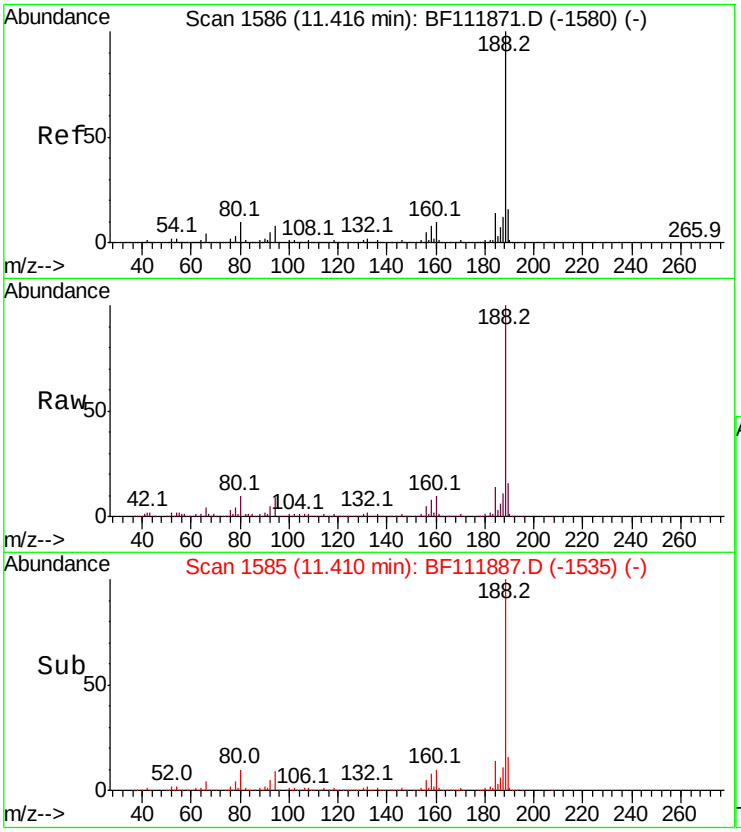


#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:165 Resp: 29775

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.1	51.1#
89	2.3	53.5	80.3#
182	0.0	2.0	3.0#



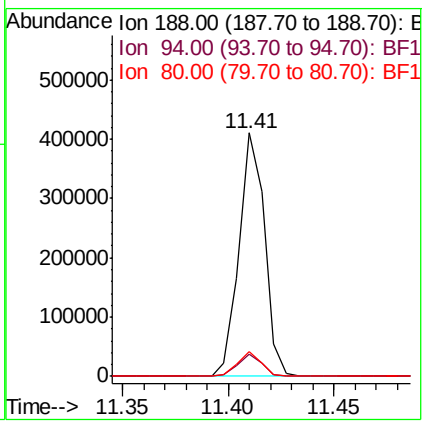


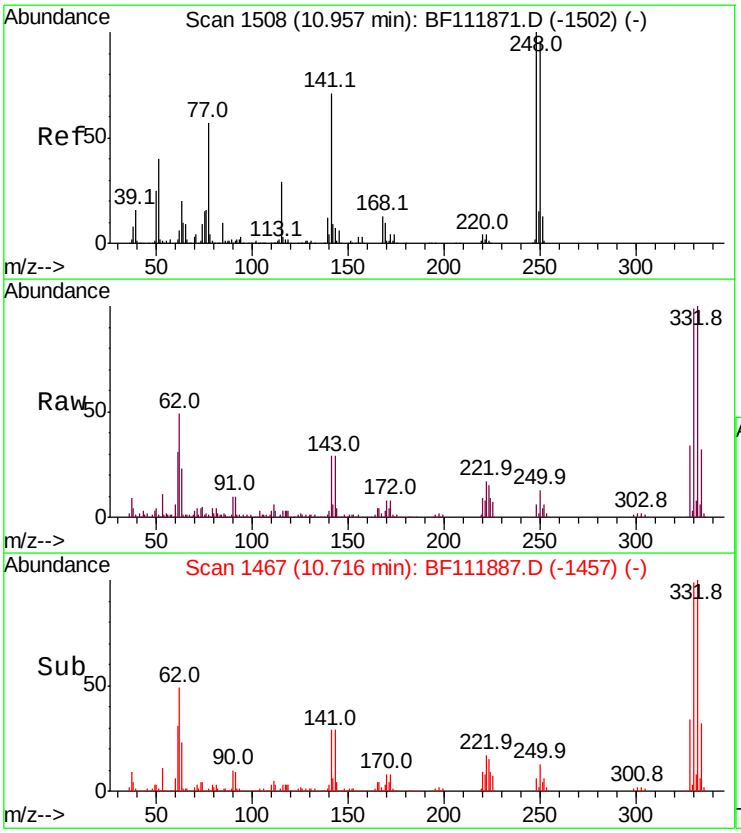
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 343497

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.9	7.7	11.5

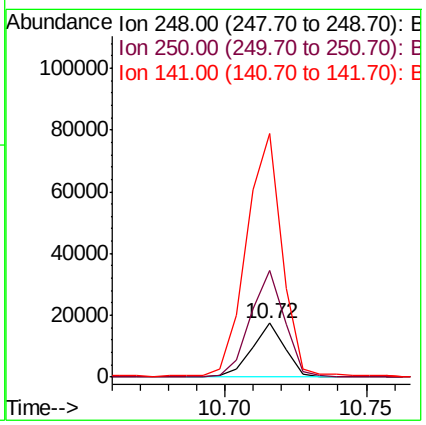


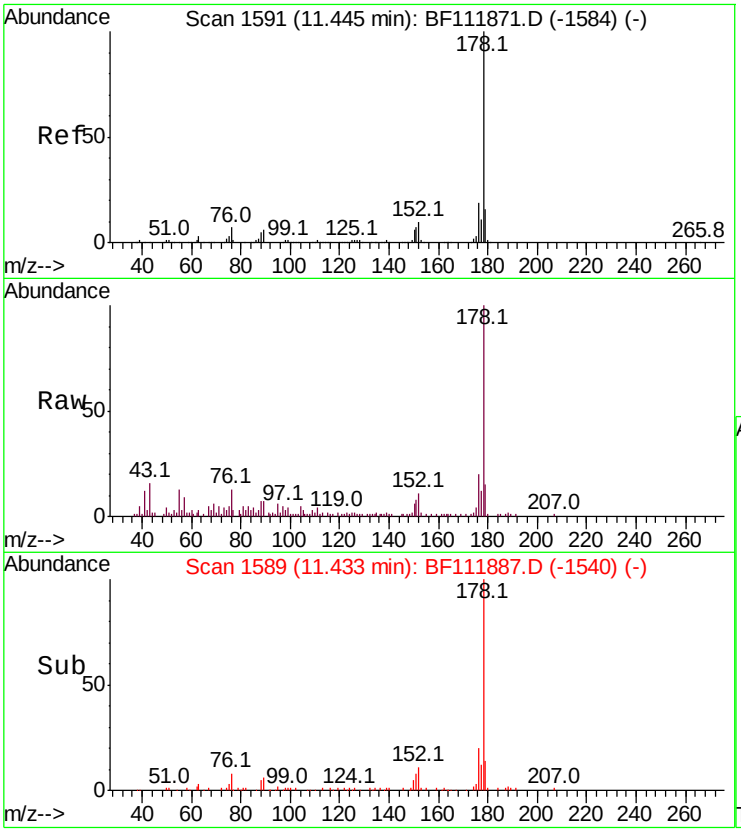


#67
4-Bromophenyl-phenylether
Concen: 3.153 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:248 Resp: 14026

Ion	Ratio	Lower	Upper
248	100		
250	199.1	76.8	115.2#
141	453.1	57.0	85.6#



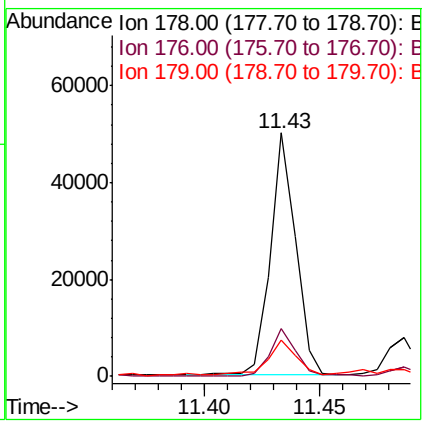


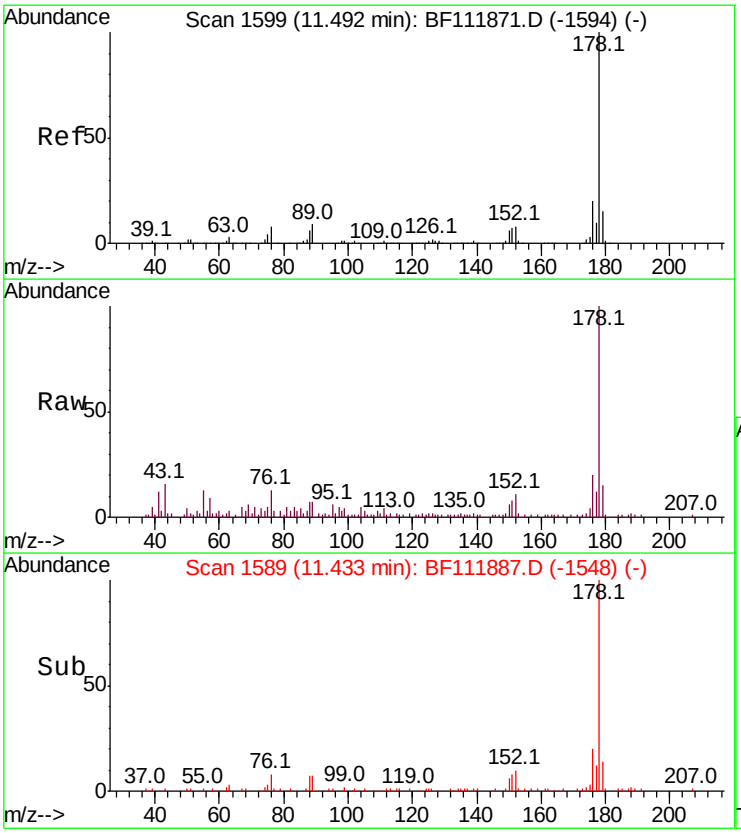
#71
Phenanthrene
Concen: 2.060 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 37831

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	14.8	12.6	18.8

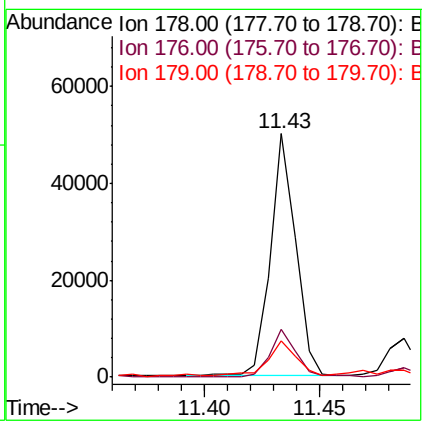


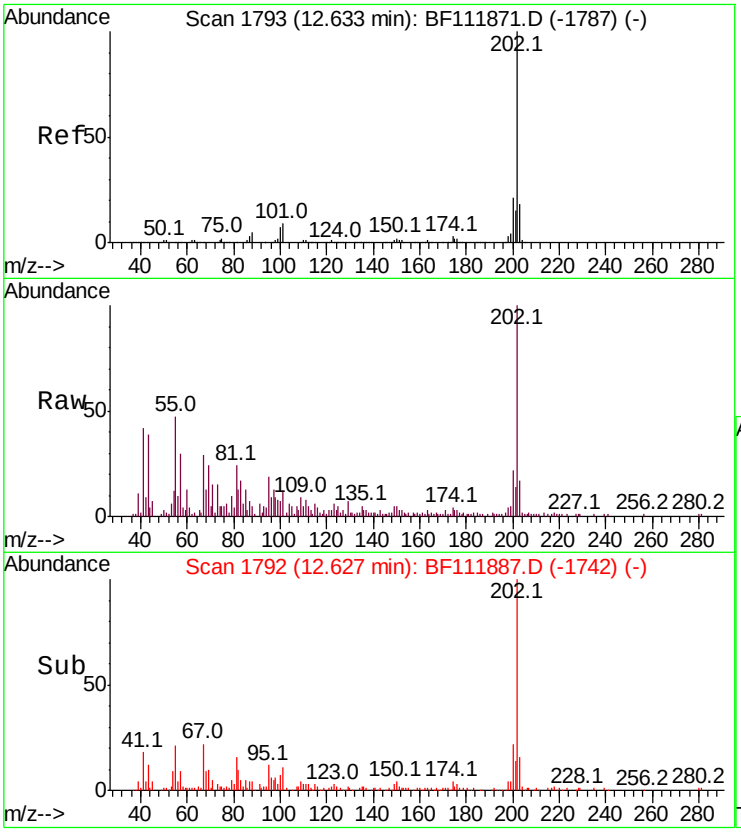


#72
Anthracene
Concen: 2.029 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:178 Resp: 37831

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	14.8	12.4	18.6



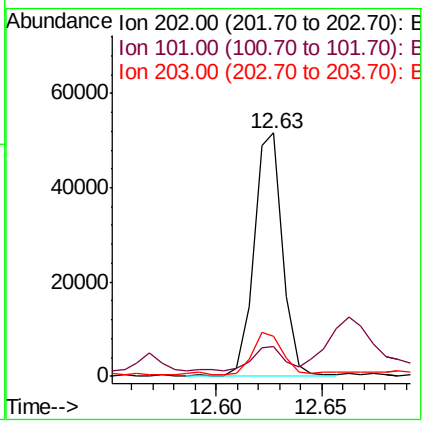


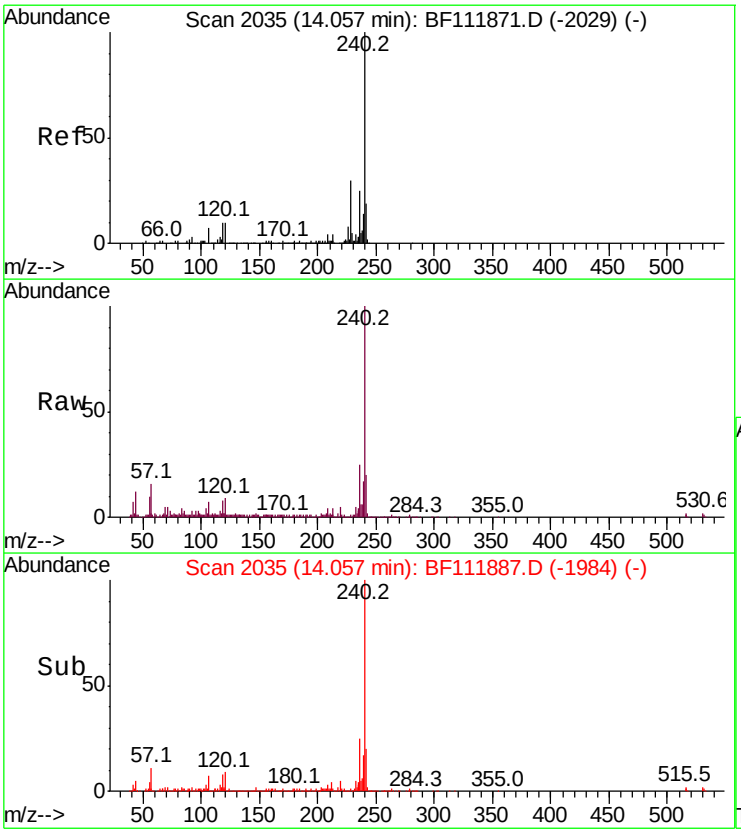
#75
Fluoranthene
Concen: 2.586 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 48762

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.3
203	16.6	0.0	37.6

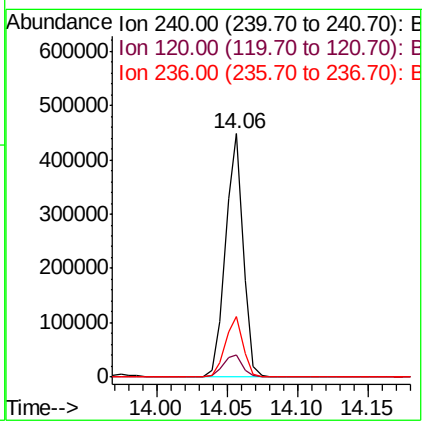


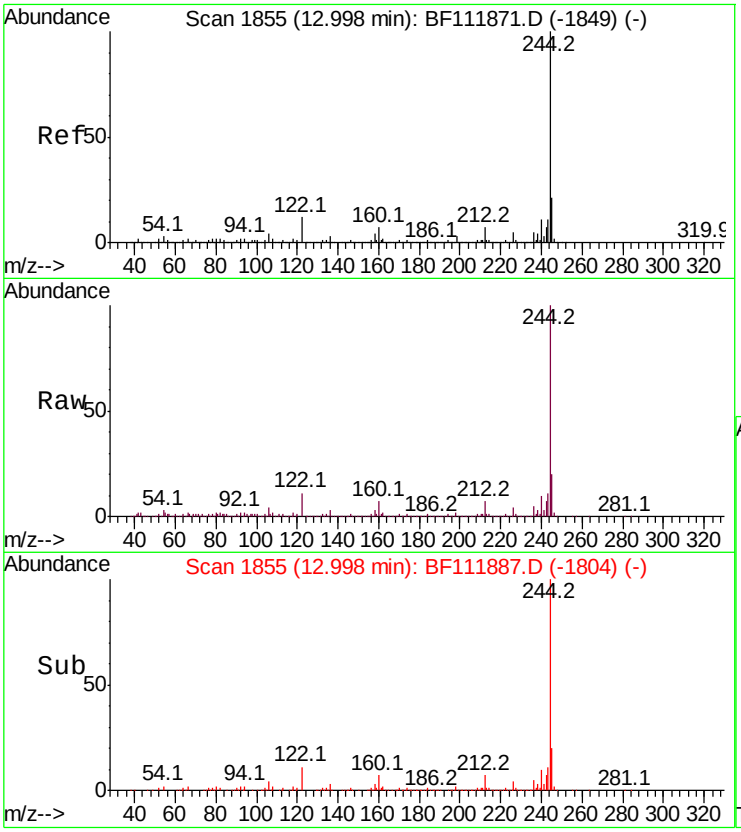


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:240 Resp: 385541

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.2	12.2
236	25.0	20.2	30.4



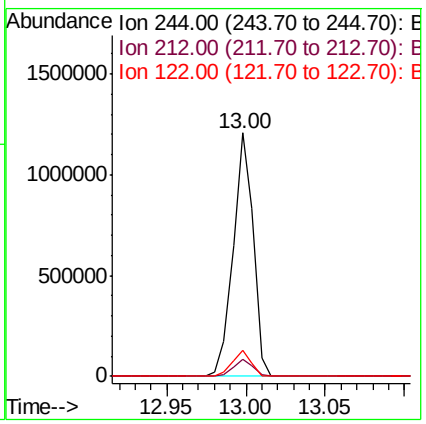


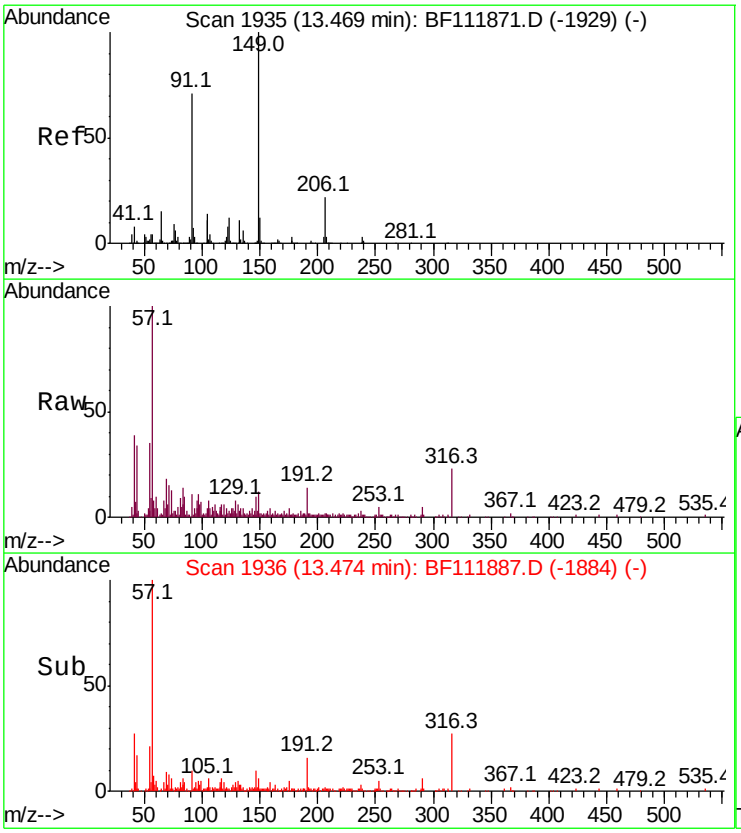
#79
Terphenyl-d14
Concen: 51.966 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1055454

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.9	9.5	14.3

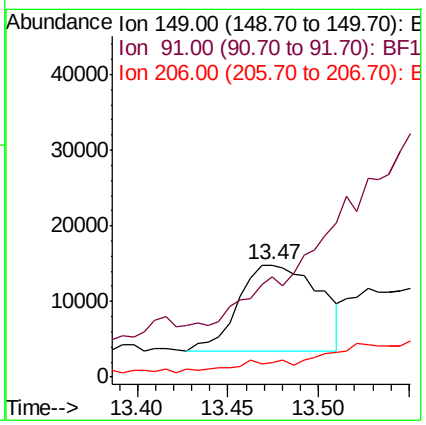


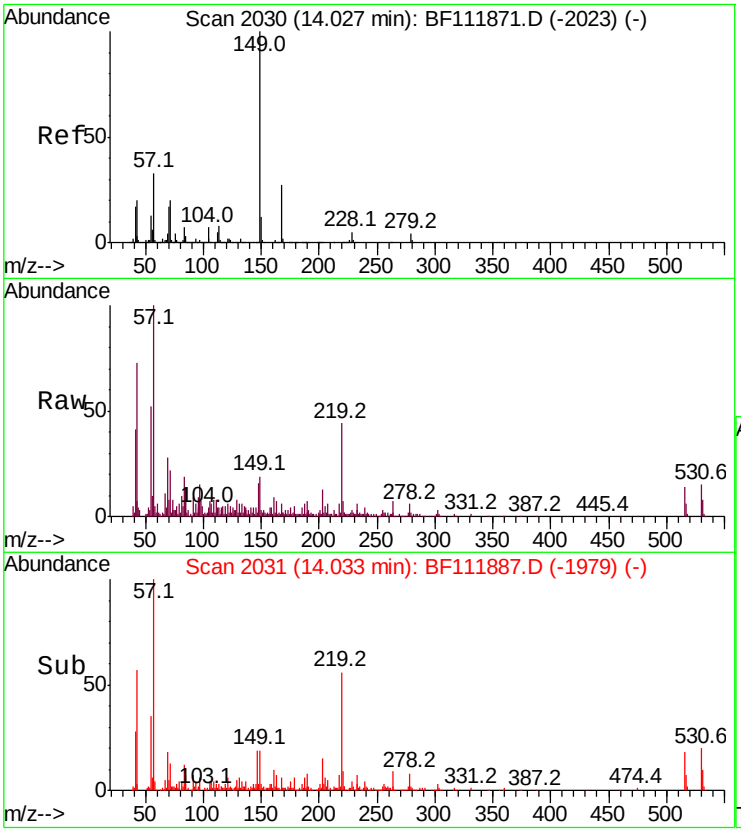


#80
Butylbenzylphthalate
Concen: 3.205 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:149 Resp: 35946

Ion	Ratio	Lower	Upper
149	100		
91	89.1	57.2	85.8#
206	12.7	17.3	25.9#



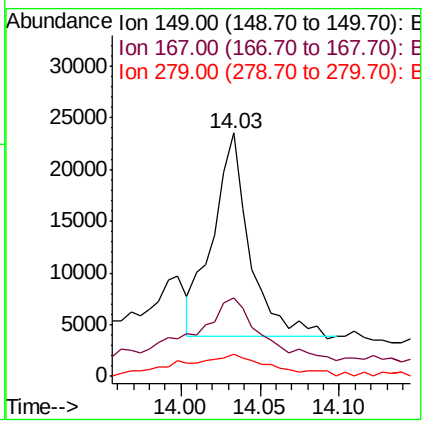


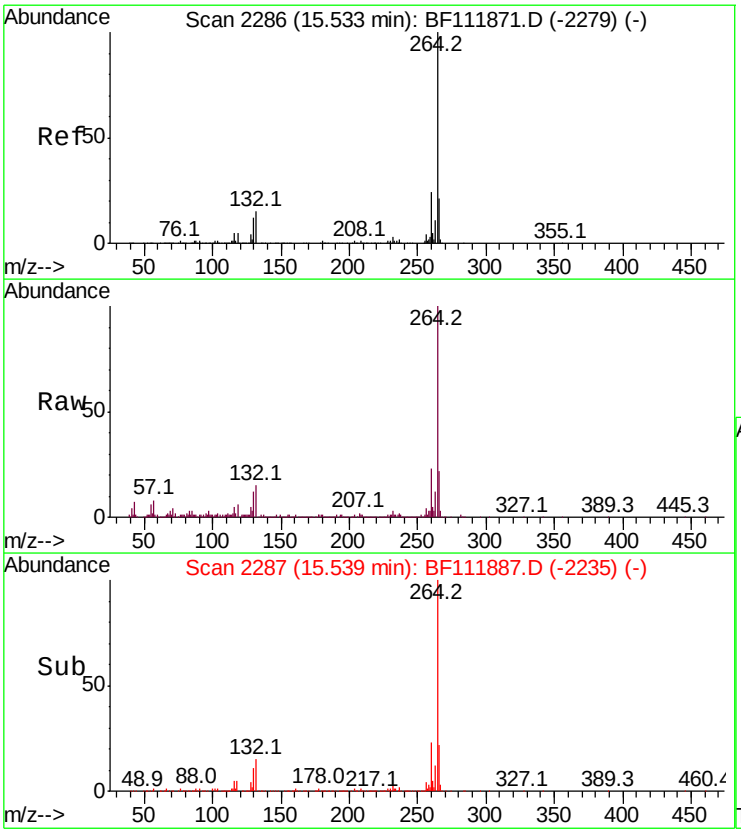
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.150 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 31664

Ion	Ratio	Lower	Upper
149	100		
167	32.5	21.5	32.3#
279	8.9	3.0	4.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111887.D
Acq: 7 Jan 2019 20:09

Tgt Ion:264 Resp: 406127

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.1	25.7