Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110897.D
Acq On : 20 Nov 2018 16:33
Operator : JU/SJ
Sample : J5993-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 17:21:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57860	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	239079	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	113278	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	193638	20.00	ng		0.00
76) Chrysene-d12	14.13	240	134201	20.00	ng		0.00
87) Perylene-d12	15.67	264	116514	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	155899	43.77	ng		0.00
7) Phenol-d6	6.57	99	117341	25.76	ng		0.00
23) Nitrobenzene-d5	7.50	82	298359	71.87	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	107922	94.55	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	573787	72.34	ng		0.00
79) Terphenyl-d14	13.06	244	441979	61.68	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1806	Below Cal		#	1
10) Phenol	6.58	94	10818	2.048	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.43	45	24055	3.870	ng	#	37
18) Hexachloroethane	7.46	117	4018	2.346	ng	#	1
25) Isophorone	7.50	82	298359	43.849	ng	#	67
31) Naphthalene	8.25	128	161523	14.392	ng		98
33) 4-Chloroaniline	8.25	127	20669	4.066	ng	#	34
37) 2-Methylnaphthalene	8.94	142	27980	3.803	ng		99
38) 1-Methylnaphthalene	9.04	142	28382	4.011	ng	#	98
50) Dimethylphthalate	9.69	163	17267	2.043	ng	#	96
51) 2,6-Dinitrotoluene	9.98	165	15222	8.187	ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	15222	6.296	ng	#	19
67) 4-Bromophenyl-phenylether	10.78	248	6843	3.198	ng	#	1

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

Quantitation Report (Not Reviewed)

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Data File : BF110897.D
Acq On : 20 Nov 2018 16:33
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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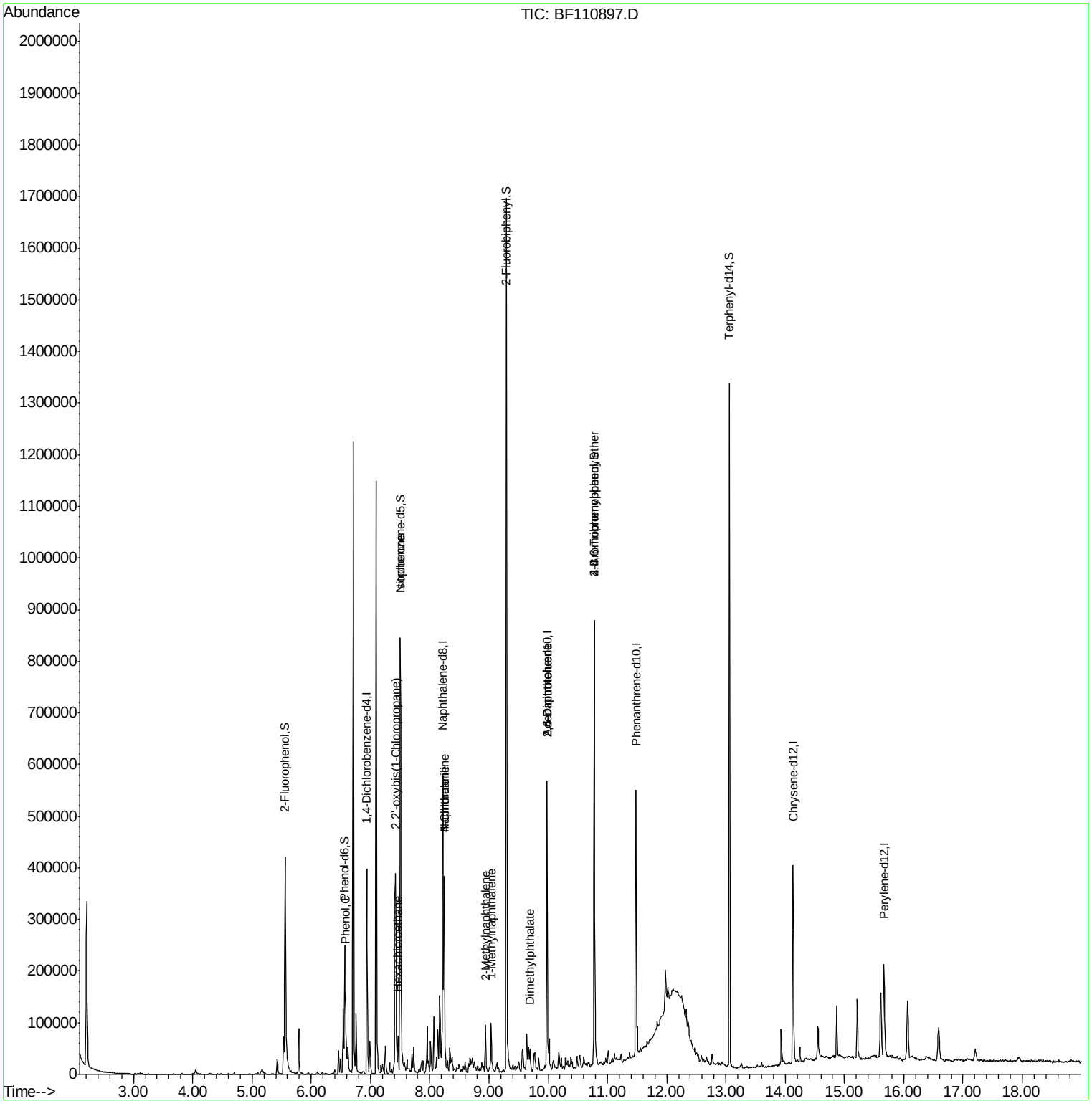
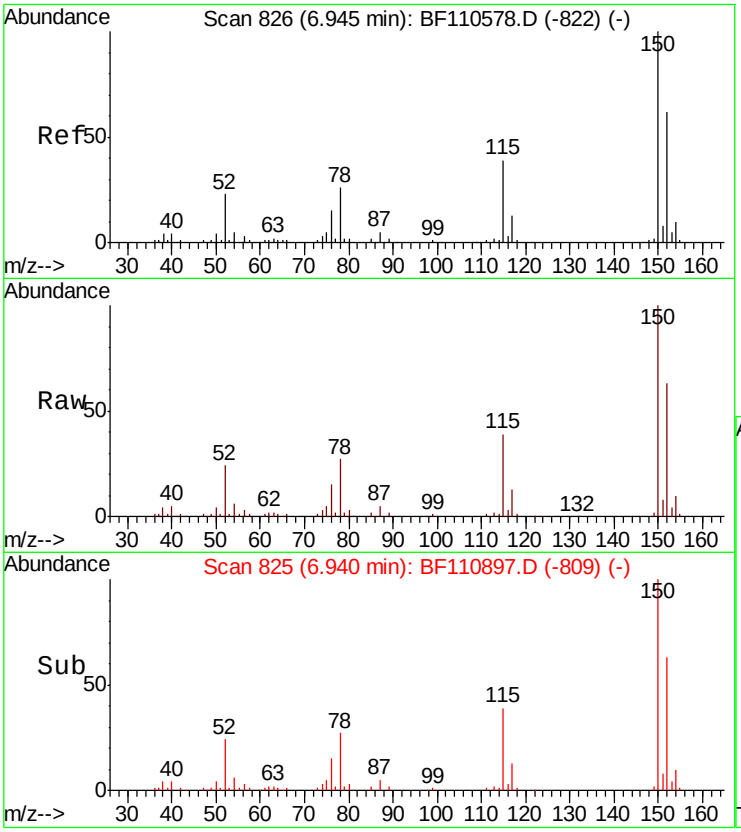


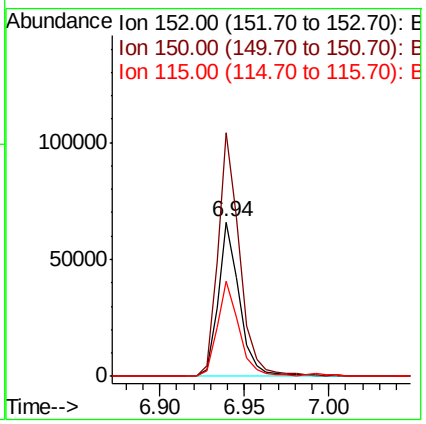


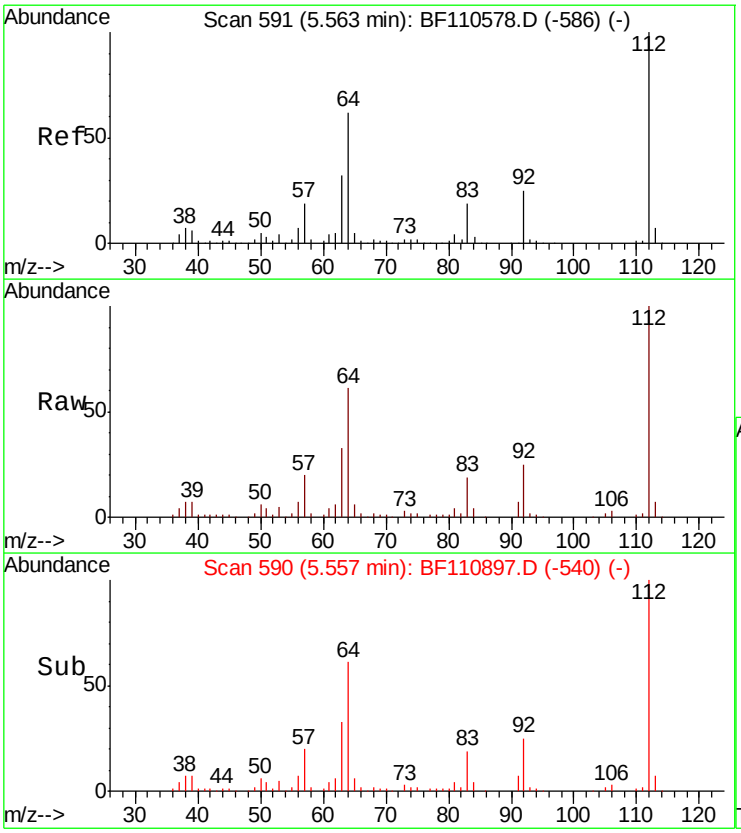
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57860

Ion	Ratio	Lower	Upper
152	100		
150	157.9	122.7	184.1
115	61.3	49.1	73.7

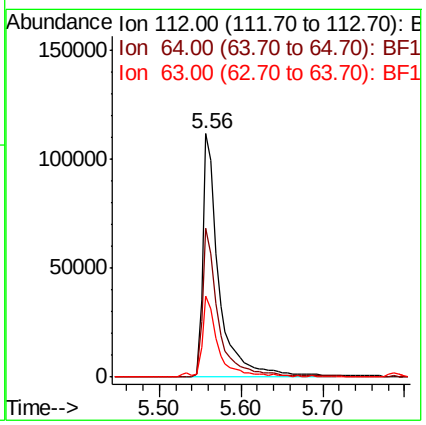


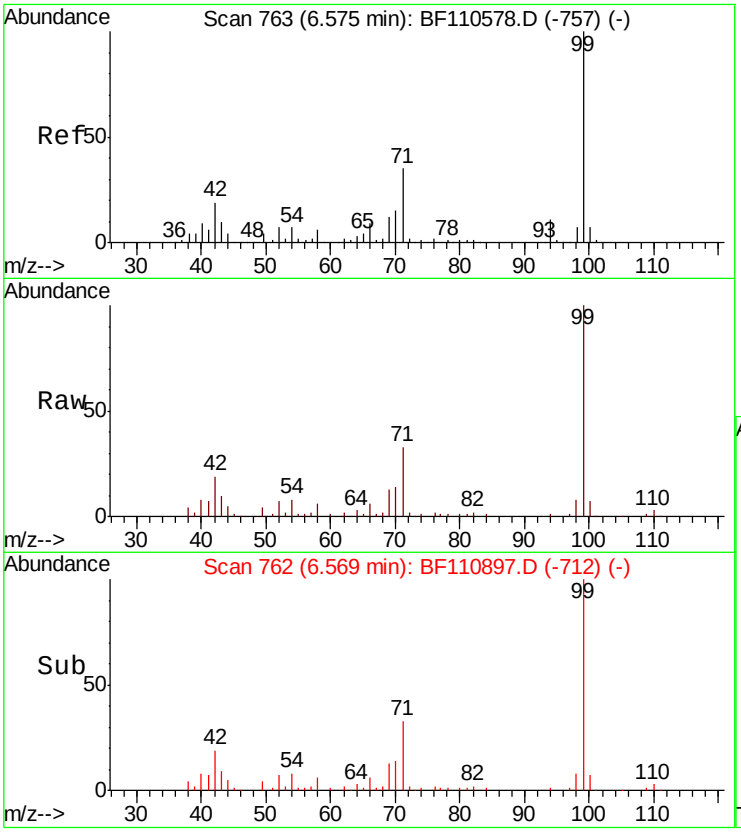


#5
2-Fluorophenol
Concen: 43.766 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:112 Resp: 155899

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	33.5	23.7	35.5



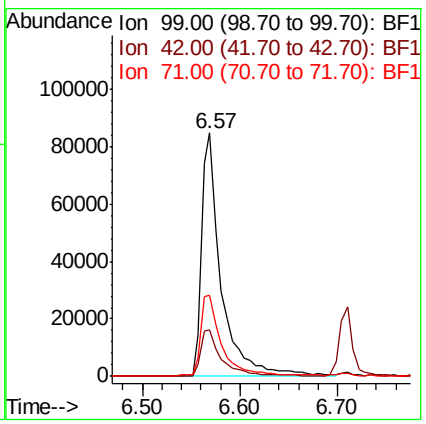


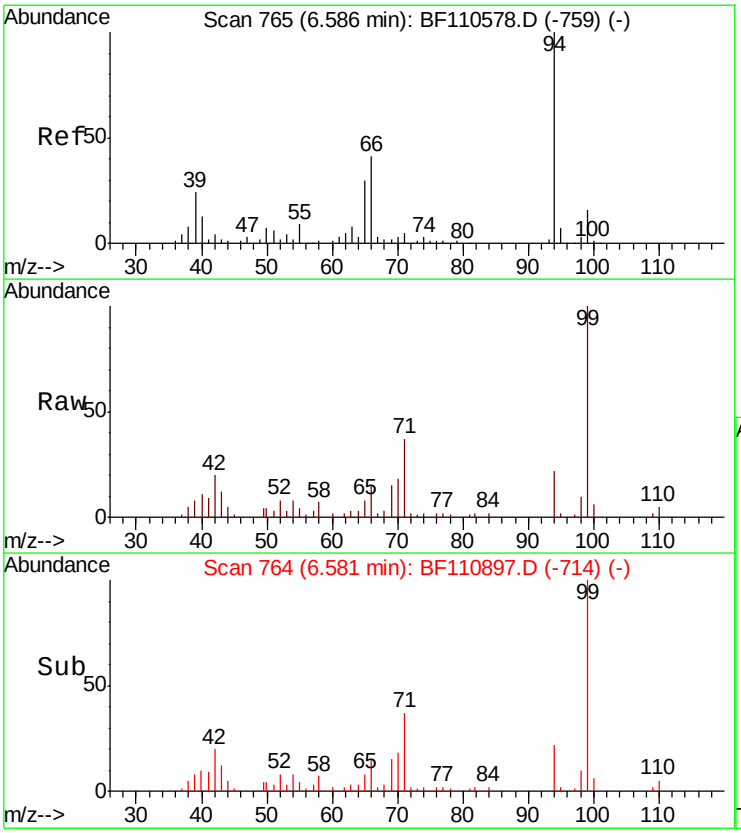
#7
Phenol-d6
Concen: 25.760 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 117341

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	33.4	28.0	42.0

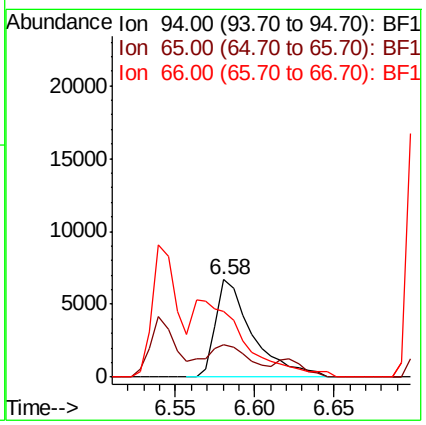


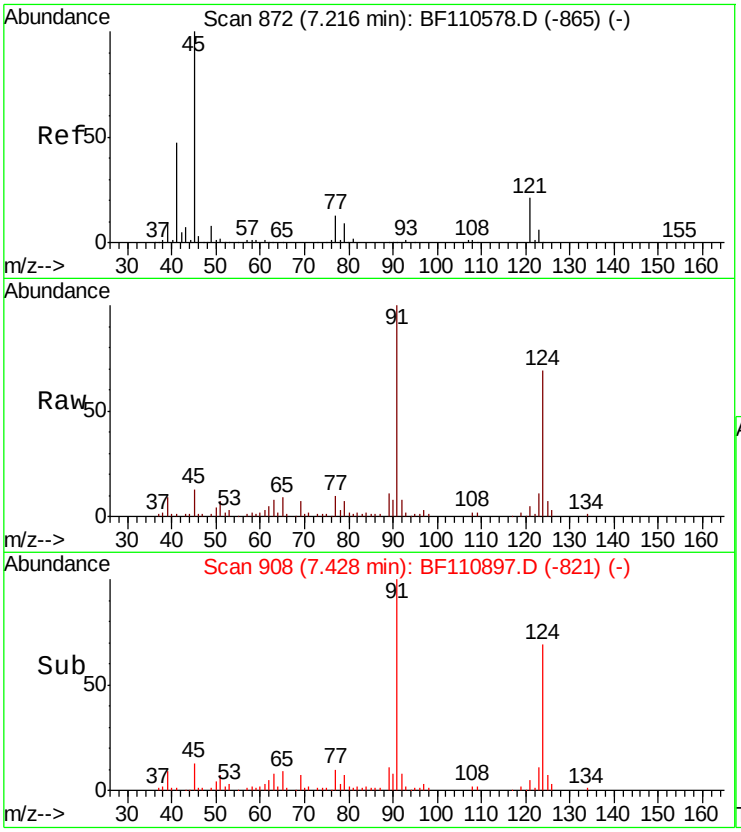


#10
Phenol
Concen: 2.048 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion: 94 Resp: 10818

Ion	Ratio	Lower	Upper
94	100		
65	33.4	25.3	65.3
66	67.8	54.5	94.5



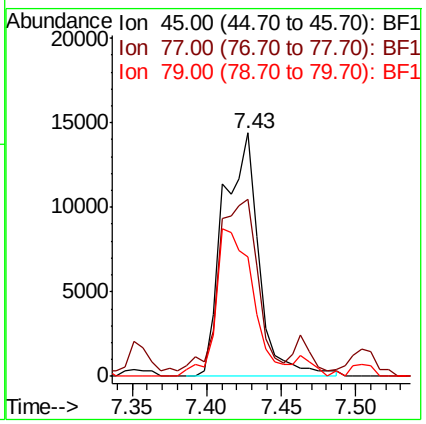


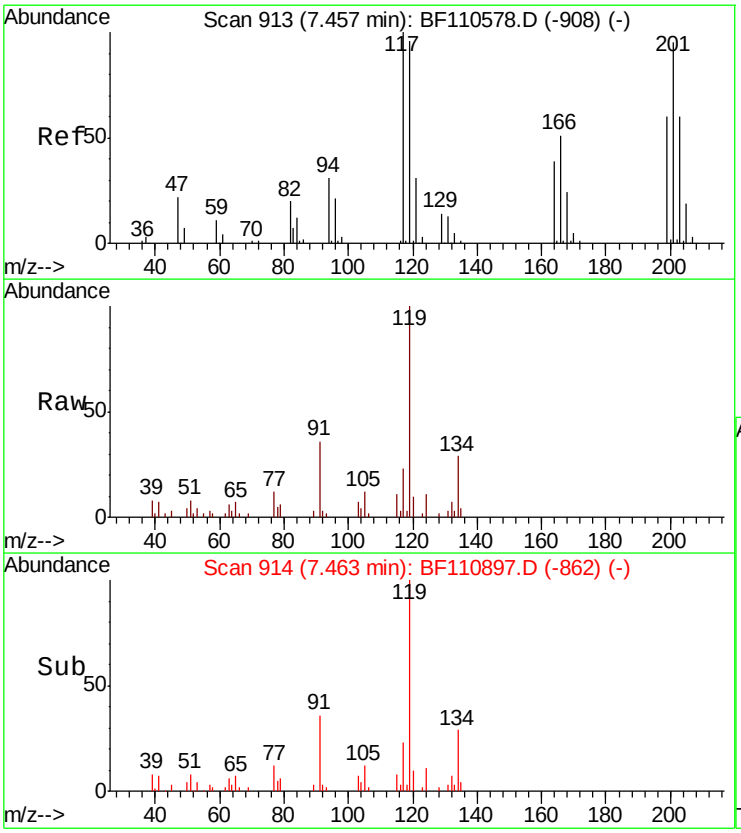
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.870 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.21 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 24055

Ion	Ratio	Lower	Upper
45	100		
77	72.6	10.0	50.0#
79	49.3	6.1	46.1#

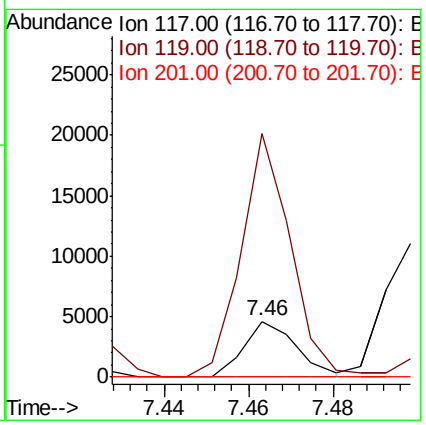


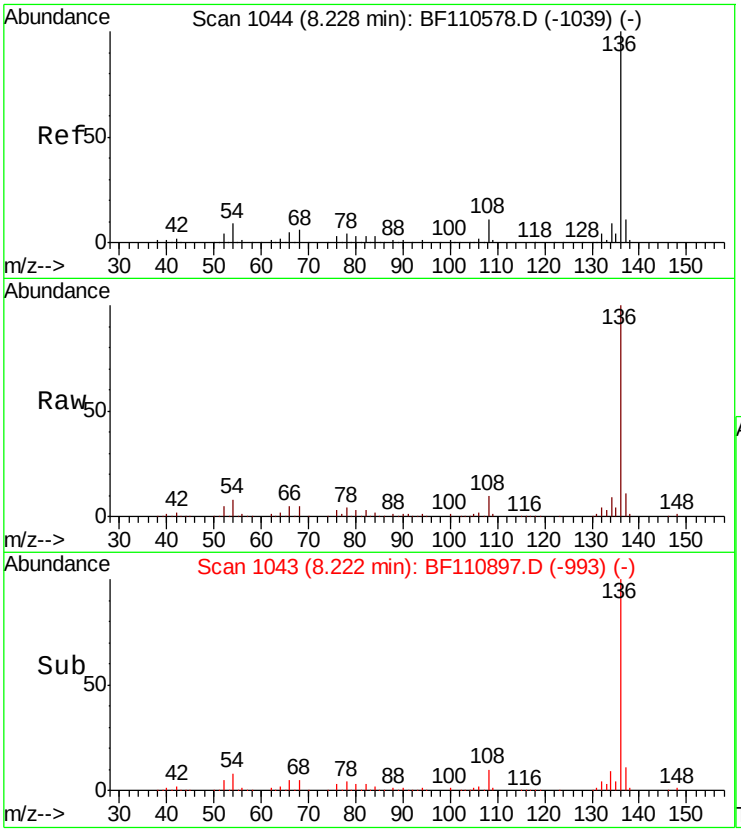


#18
Hexachloroethane
Concen: 2.346 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:117 Resp: 4018

Ion	Ratio	Lower	Upper
117	100		
119	437.5	75.0	112.6#
201	0.0	79.2	118.8#



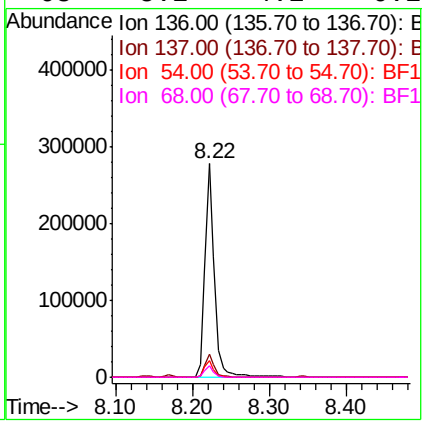


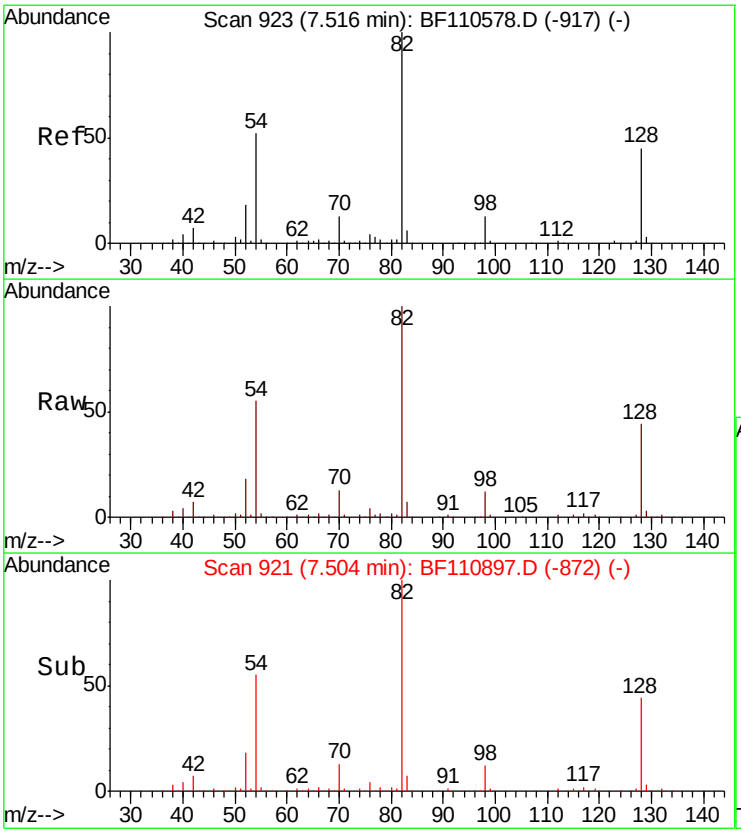
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 239079

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2

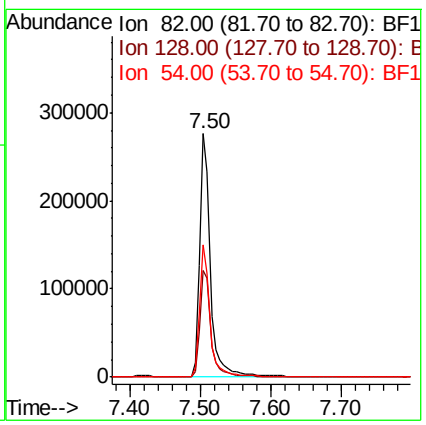


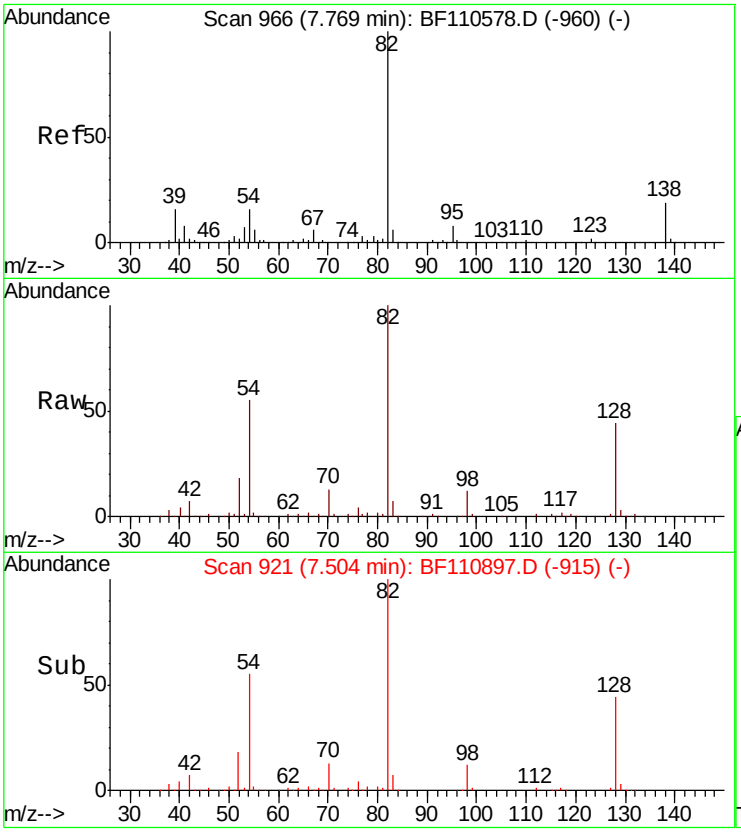


#23
Nitrobenzene-d5
Concen: 71.869 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion: 82 Resp: 298359

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.2
54	54.5	38.6	58.0



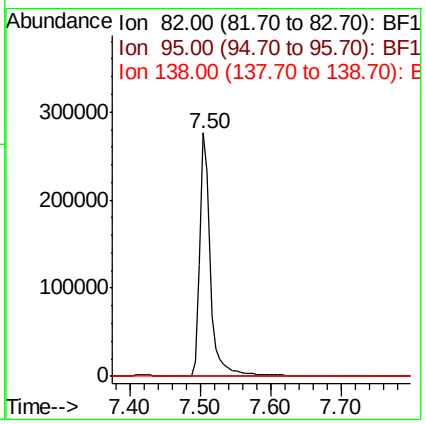


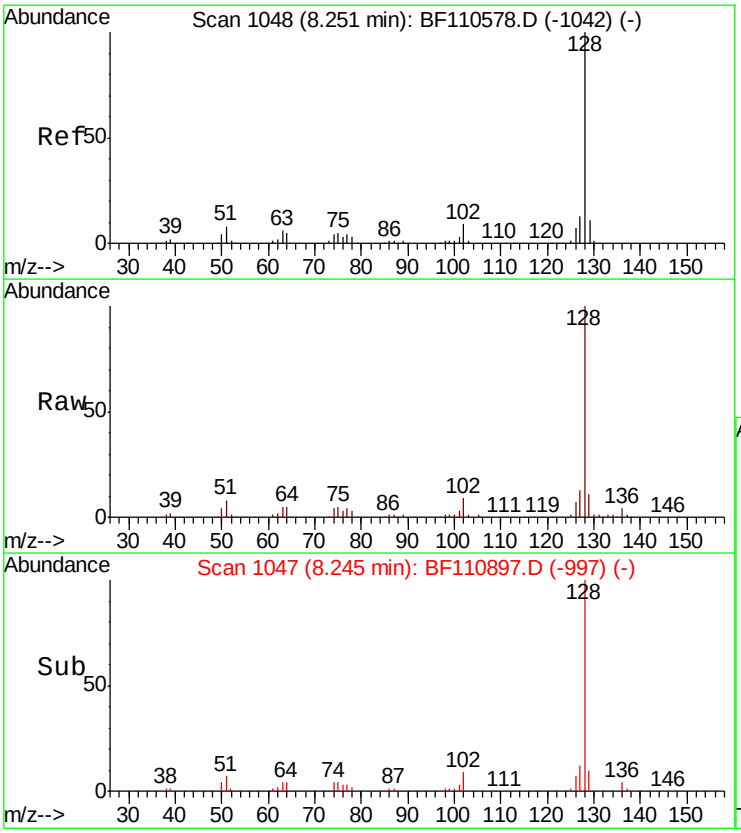
#25
Isophorone
Concen: 43.849 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 298359

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

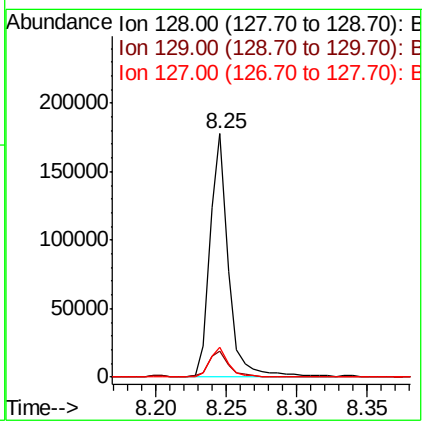


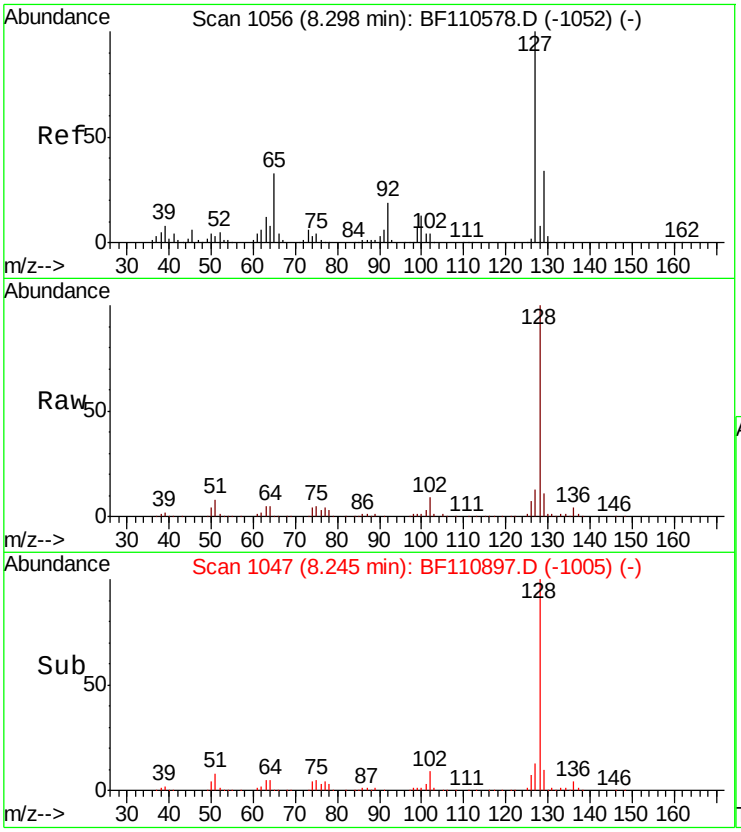


#31
Naphthalene
Concen: 14.392 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:128 Resp: 161523

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.5	10.8	16.2



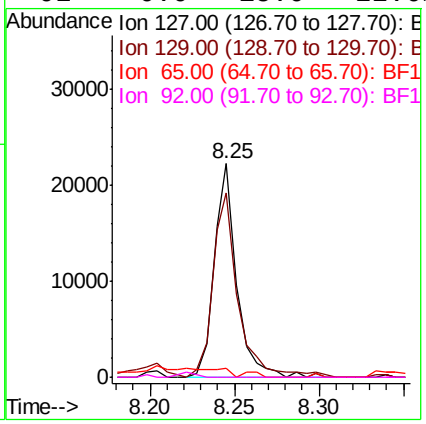


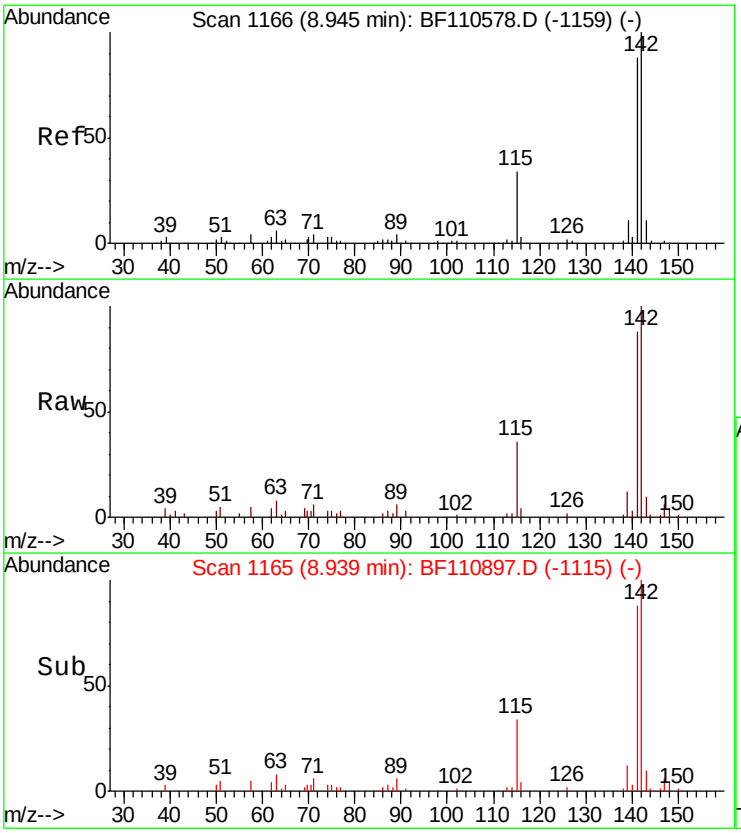
#33
4-Chloroaniline
Concen: 4.066 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 20669

Ion	Ratio	Lower	Upper
127	100		
129	86.1	26.0	39.0#
65	4.0	25.1	37.7#
92	0.0	15.0	22.6#

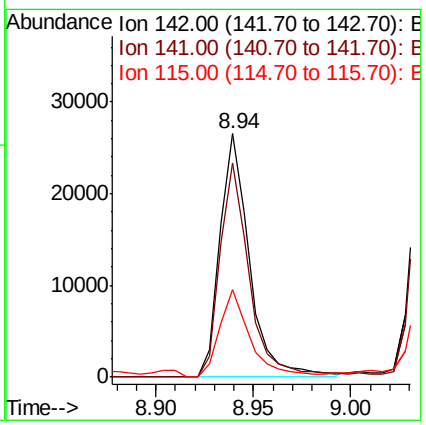


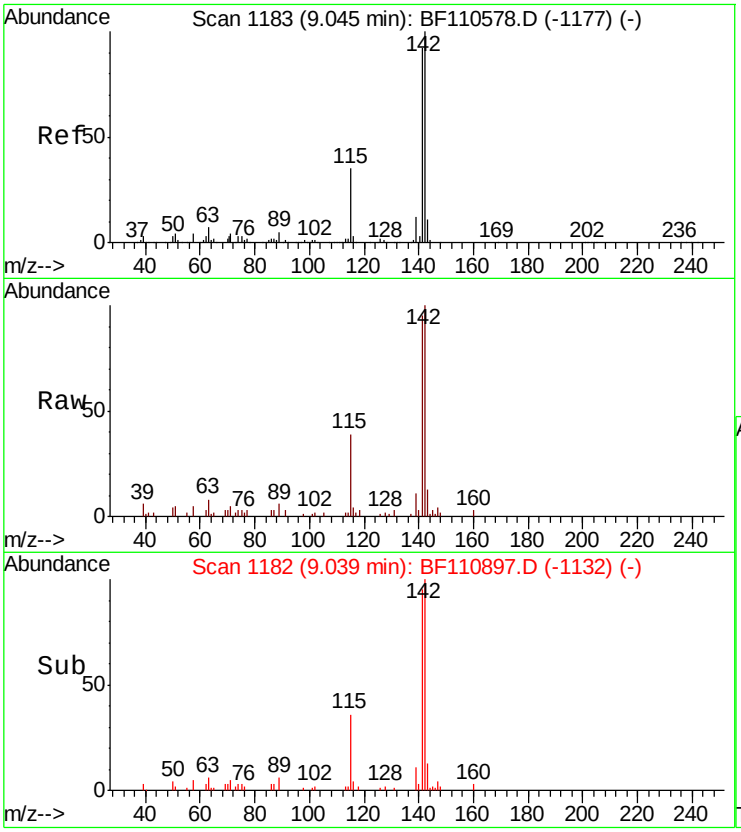


#37
2-Methylnaphthalene
Concen: 3.803 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:142 Resp: 27980

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	35.9	28.7	43.1



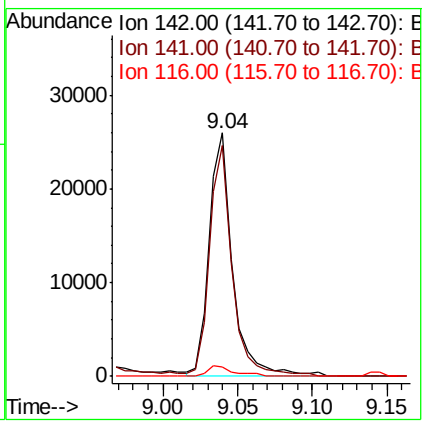


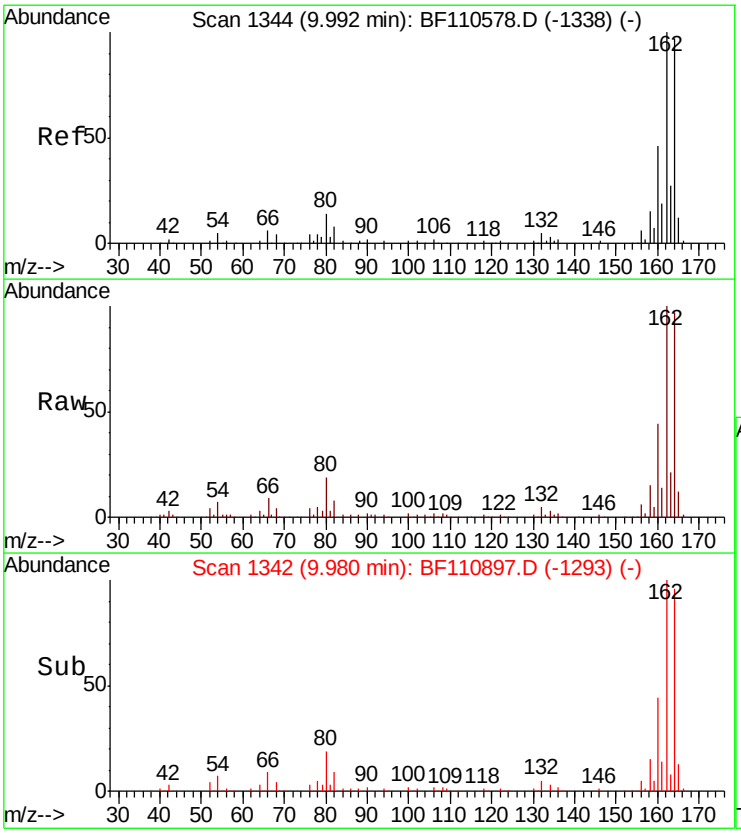
#38
1-Methylnaphthalene
Concen: 4.011 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 28382

Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.2	111.4
116	4.0	2.6	4.0#

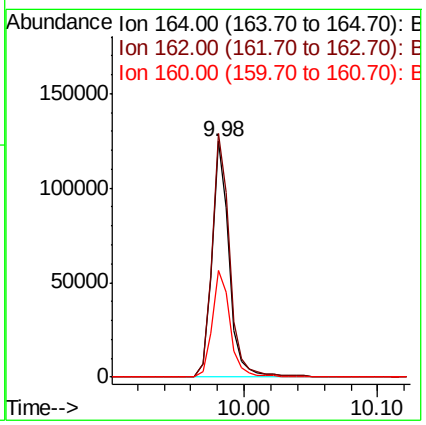


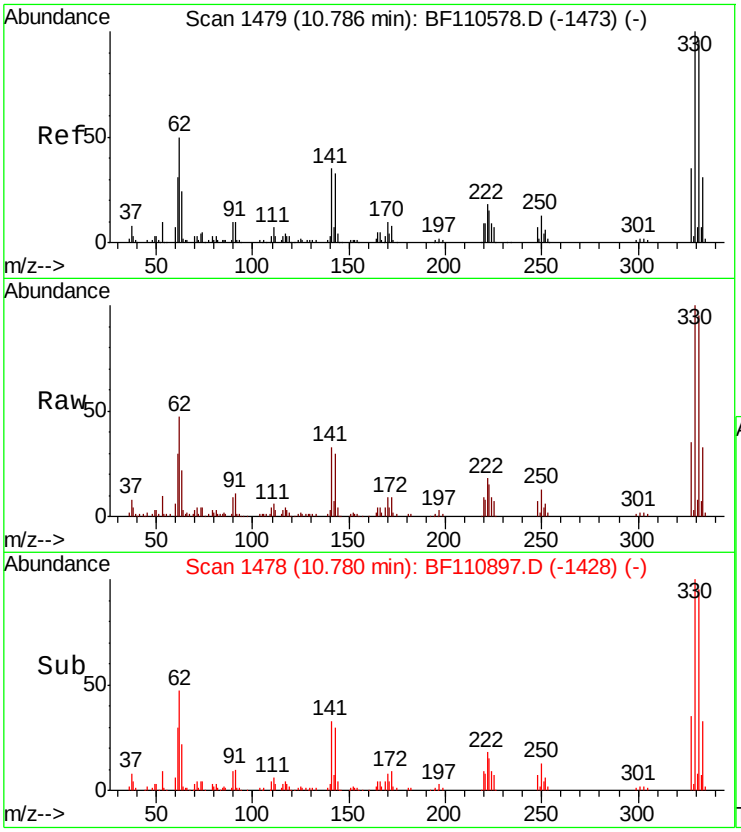


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:164 Resp: 113278

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	45.1	37.0	55.6



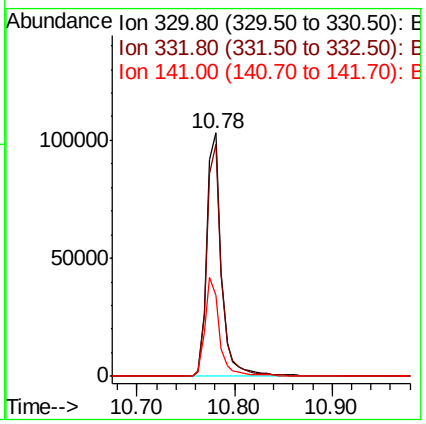


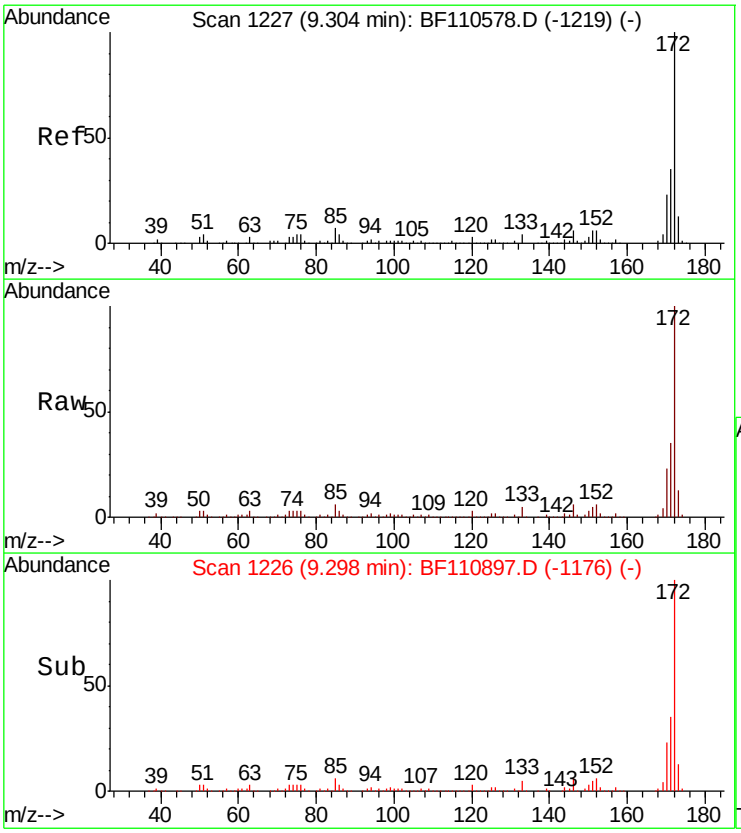
#42
2,4,6-Tribromophenol
Concen: 94.551 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 107922

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	39.5	27.0	40.4

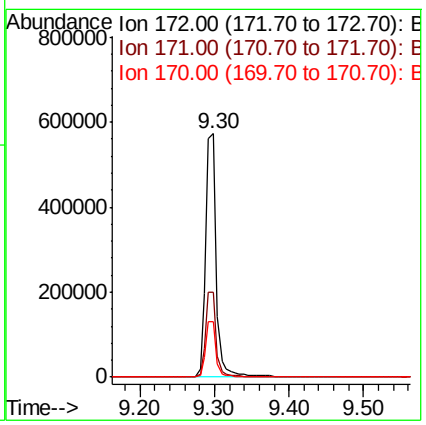


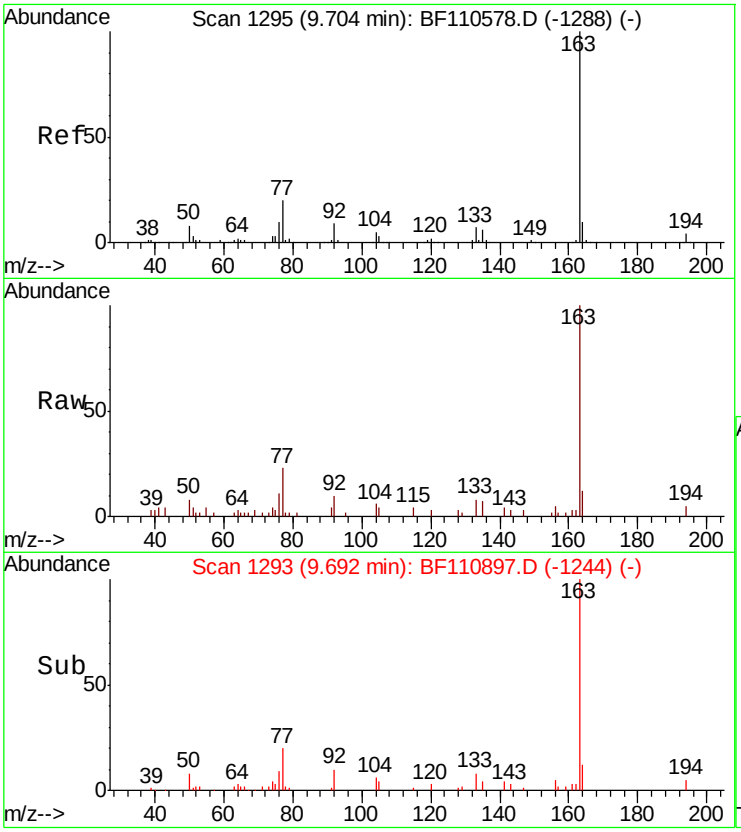


#45
2-Fluorobiphenyl
Concen: 72.342 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:172 Resp: 573787

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.0	19.7	29.5



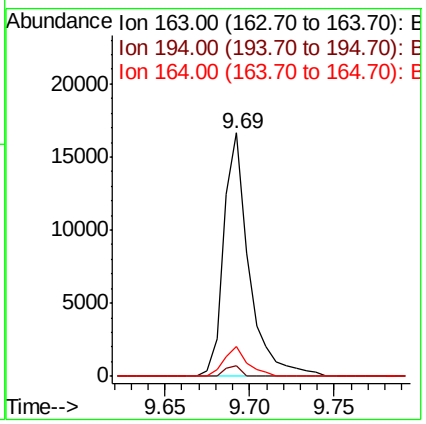


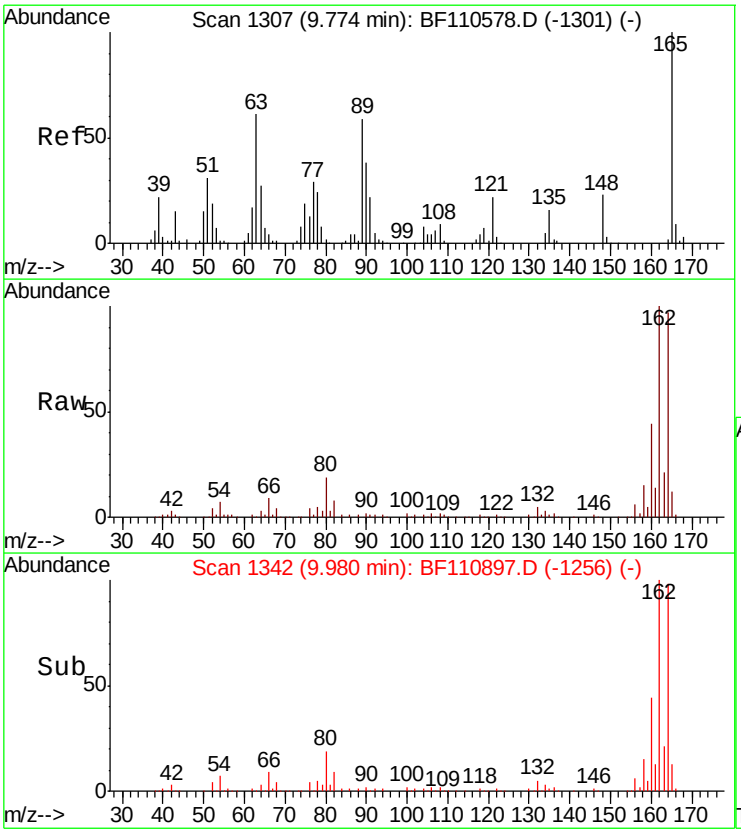
#50
Dimethylphthalate
Concen: 2.043 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 17267

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	12.1	8.1	12.1#

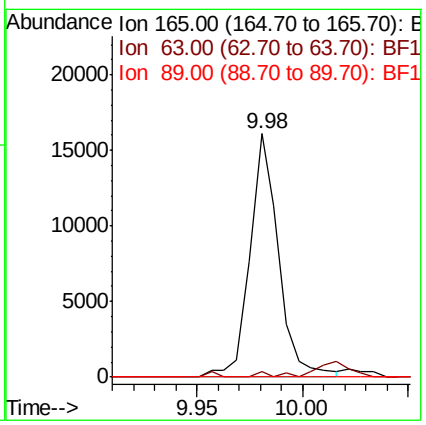


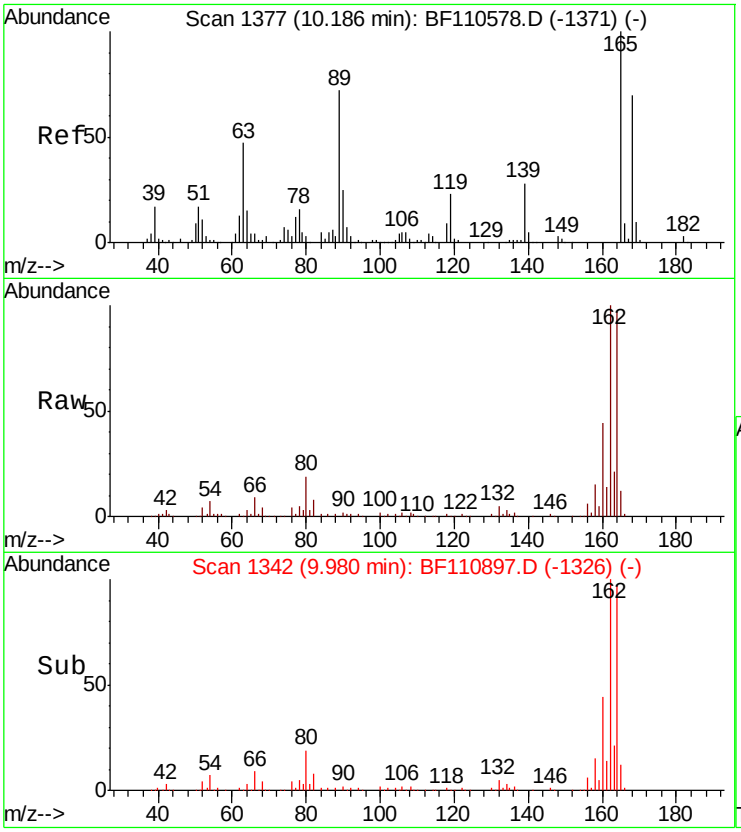


#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:165 Resp: 15222

Ion	Ratio	Lower	Upper
165	100		
63	2.3	48.9	73.3#
89	0.0	46.6	69.8#



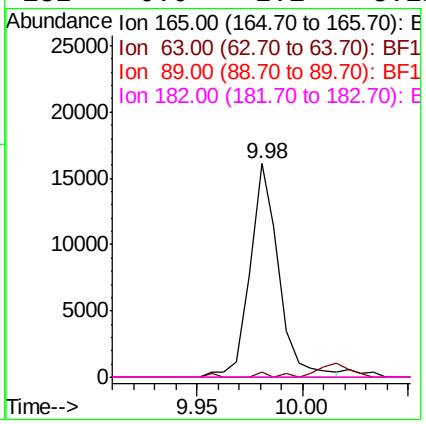


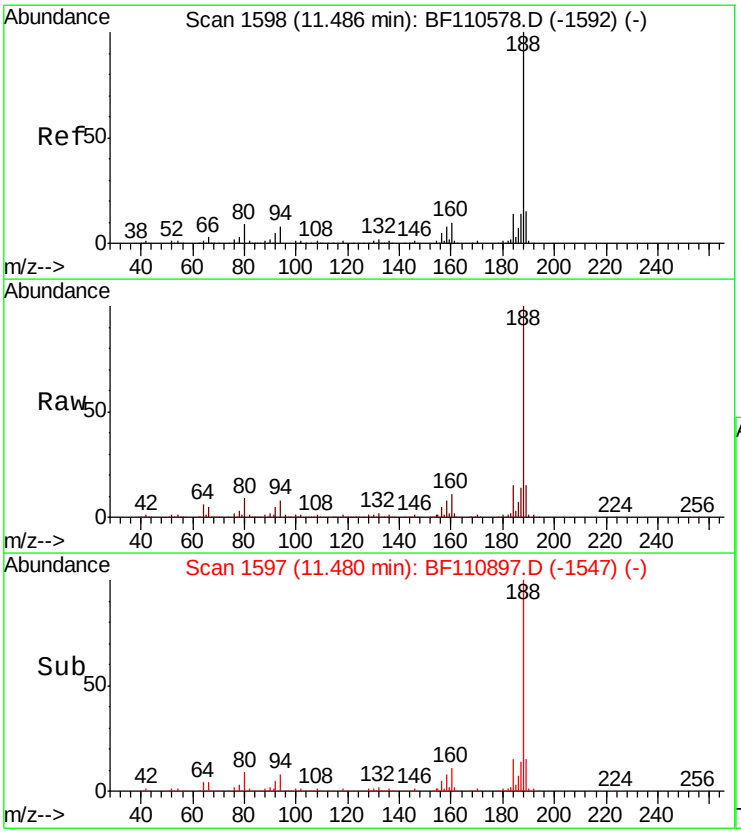
#57
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15222

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

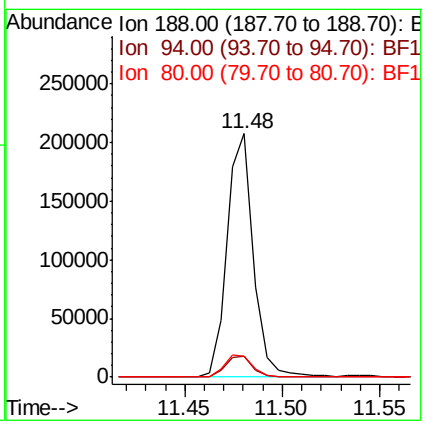


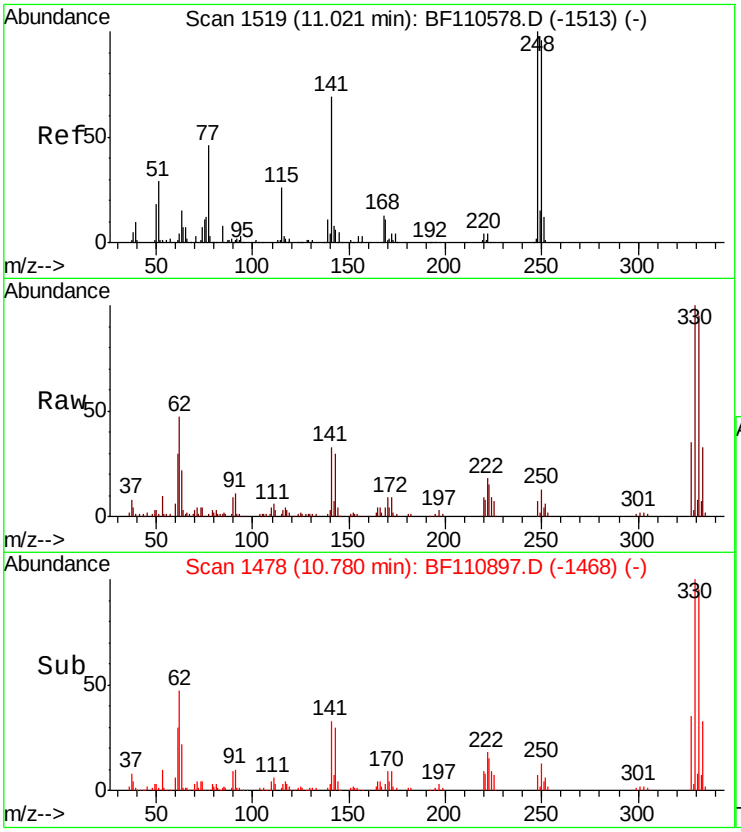


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:188 Resp: 193638

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.6	7.9	11.9



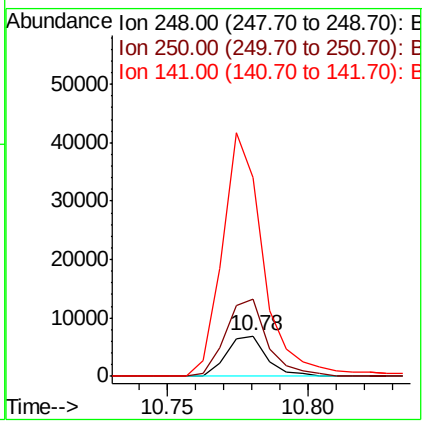


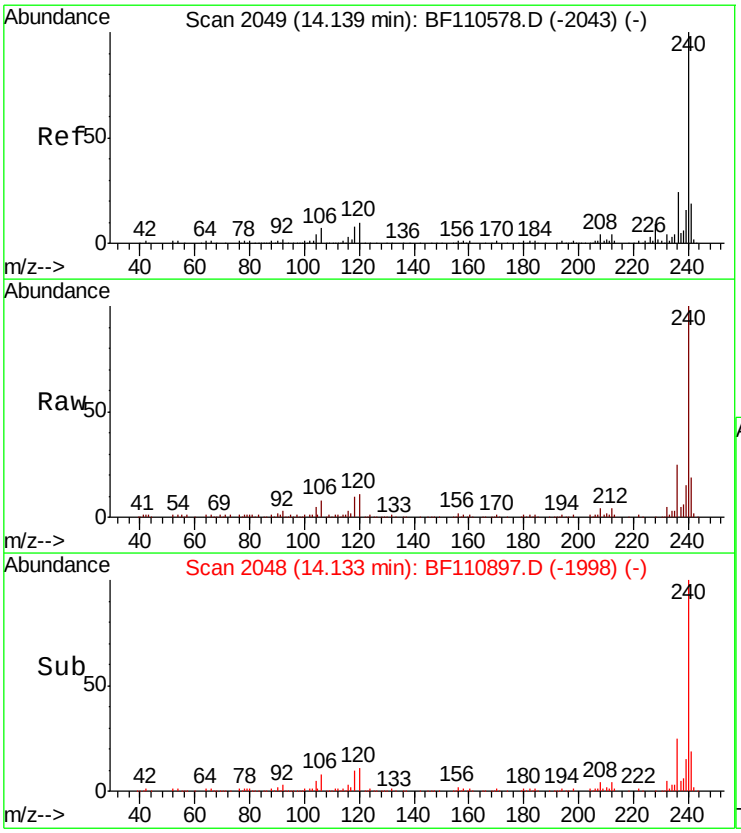
#67
4-Bromophenyl-phenylether
Concen: 3.198 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6843

Ion	Ratio	Lower	Upper
248	100		
250	190.8	79.4	119.2#
141	490.2	55.9	83.9#

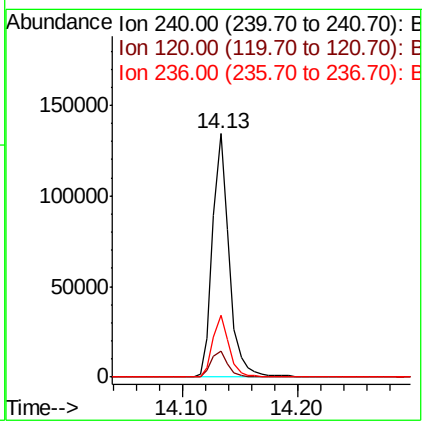


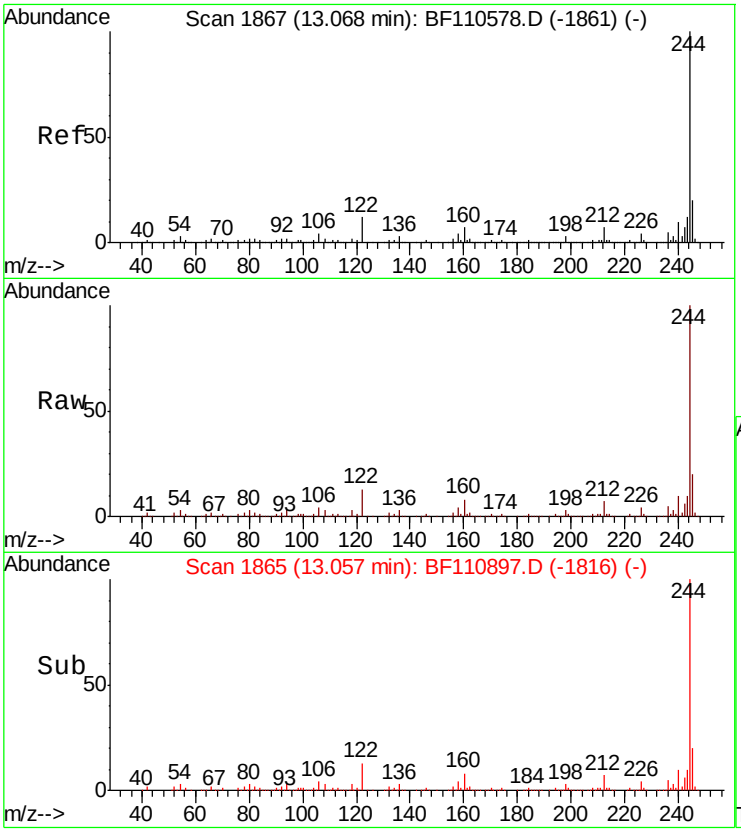


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:240 Resp: 134201

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.2	21.2	31.8



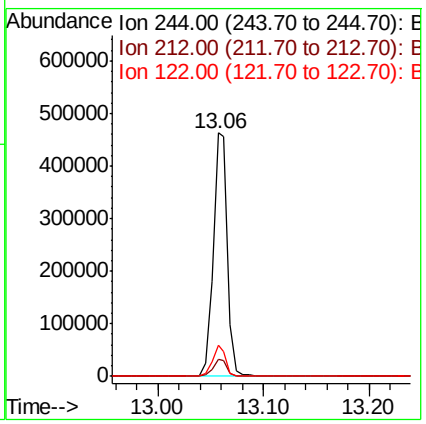


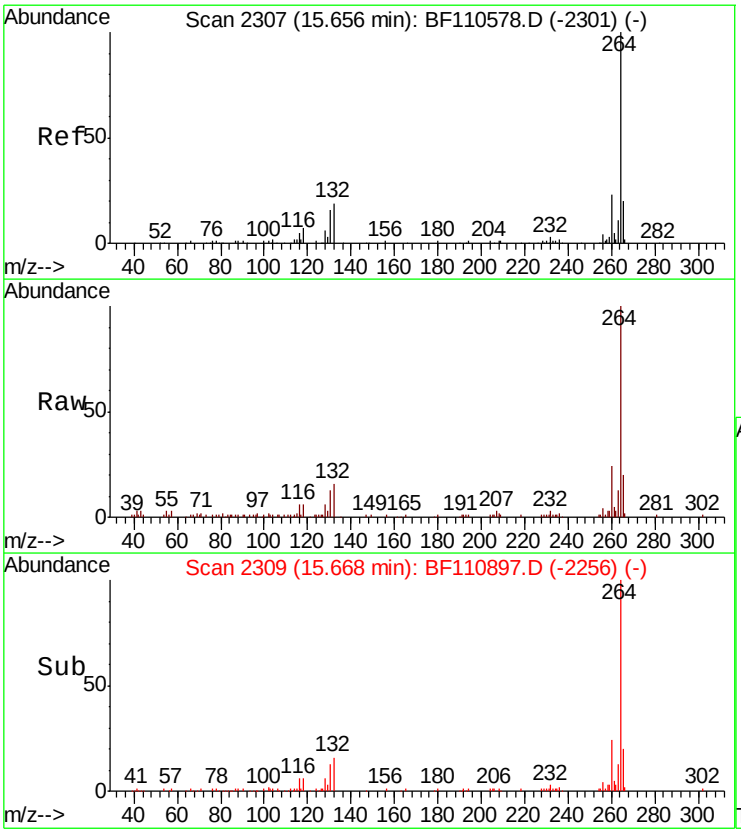
#79
Terphenyl-d14
Concen: 61.678 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :

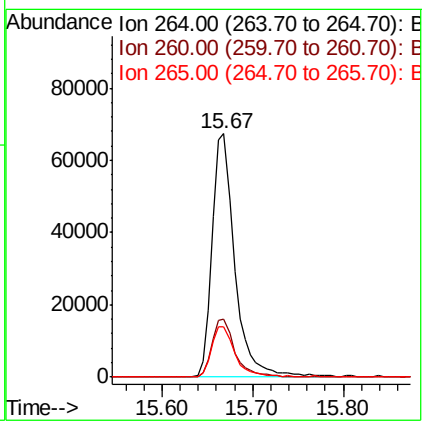
Tgt Ion:244 Resp: 441979

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.8	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:264 Resp: 116514

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.4	16.7	25.1