Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
Data File : BF110943.D
Acq On : 23 Nov 2018 14:51
Operator : JU/SJ
Sample : J5999-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1116-S-AB-5

Quant Time: Nov 23 20:04:36 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	6.93	152	67855	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	276790	20.00	ng		-0.01
39) Acenaphthene-d10	9.97	164	127064	20.00	ng		-0.02
64) Phenanthrene-d10	11.47	188	222677	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	158582	20.00	ng		-0.01
87) Perylene-d12	15.66	264	154569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	475056	113.72	ng		0.00
7) Phenol-d6	6.56	99	606704	113.57	ng		-0.01
23) Nitrobenzene-d5	7.50	82	388707	80.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	117066	91.43	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	572819	64.38	ng		-0.01
79) Terphenyl-d14	13.06	244	479651	56.64	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	1191	Below Cal		#	1
10) Phenol	6.57	94	28873	4.661	ng		83
19) n-Nitroso-di-n-propylamine	7.50	70	50700	14.868	ng	#	80
25) Isophorone	7.50	82	388705	49.344	ng	#	67
50) Dimethylphthalate	9.69	163	48347	5.099	ng		99
51) 2,6-Dinitrotoluene	9.97	165	15777	7.564	ng	#	21
57) 2,4-Dinitrotoluene	9.97	165	15777	5.818	ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	7051	2.865	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
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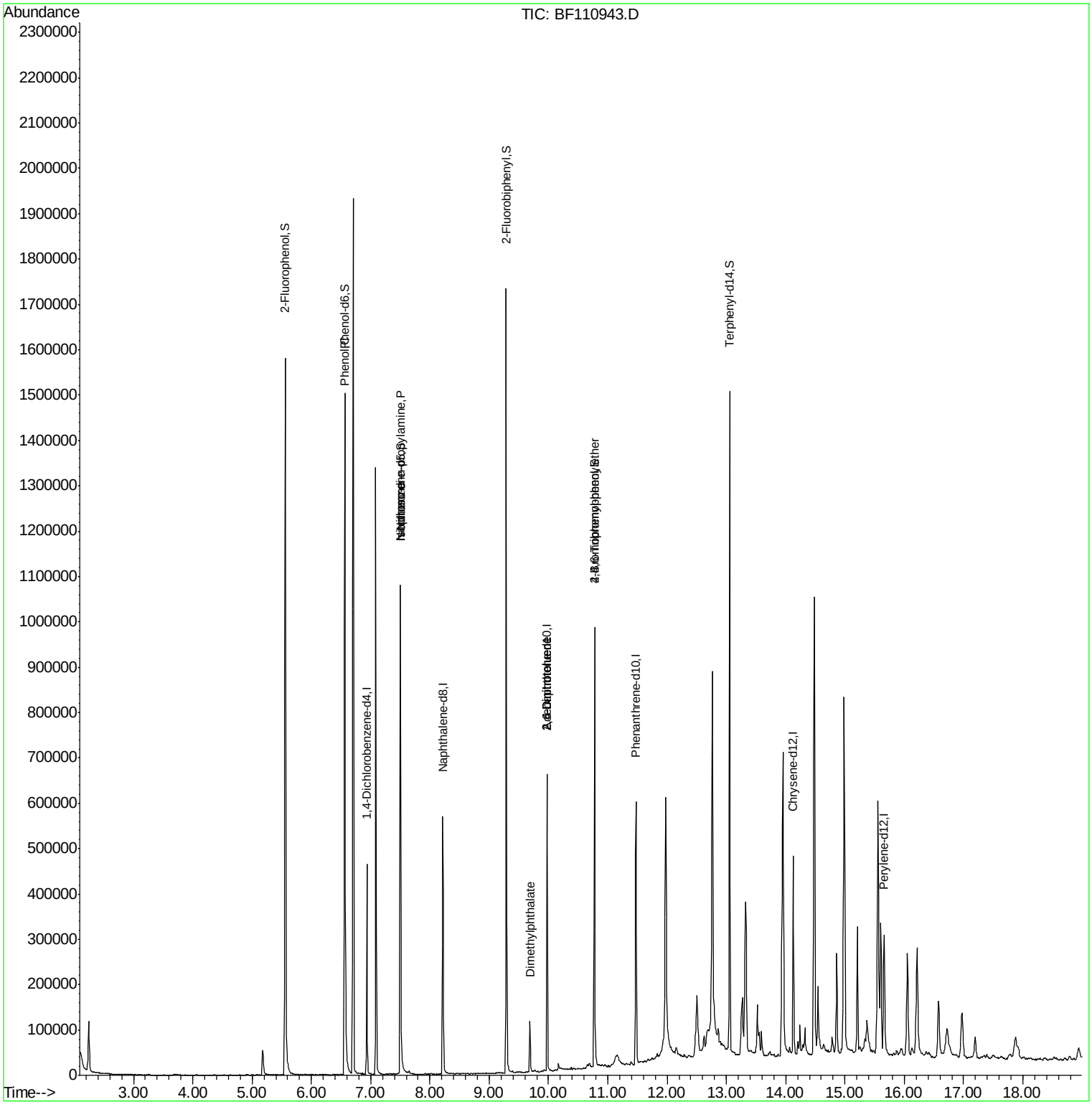
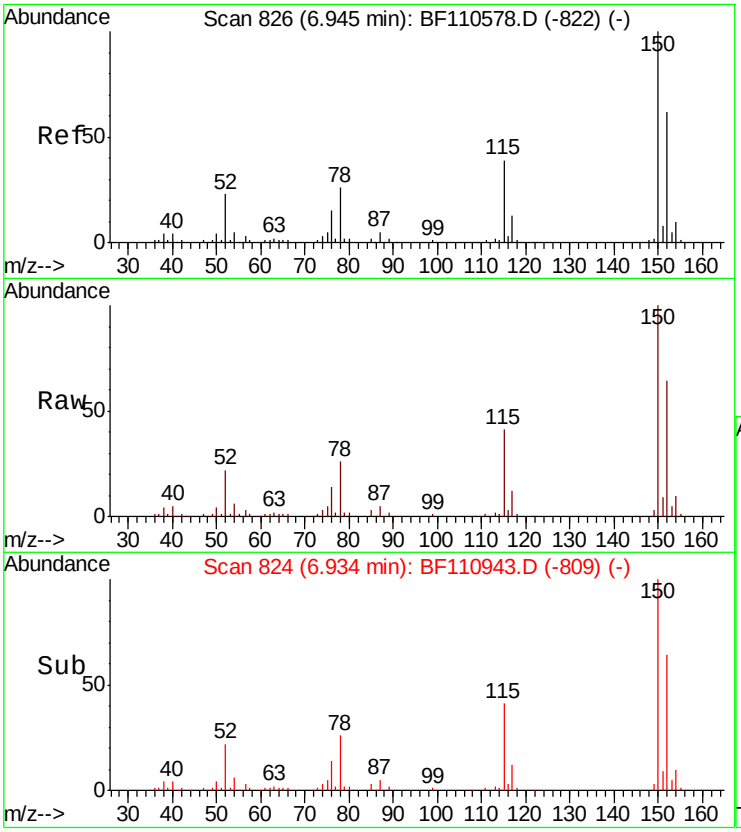
Acq On : 23 Nov 2018 14:51
Operator : JU/SJ
Sample : J5999-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1116-S-AB-5

Quant Time: Nov 23 20:04:36 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



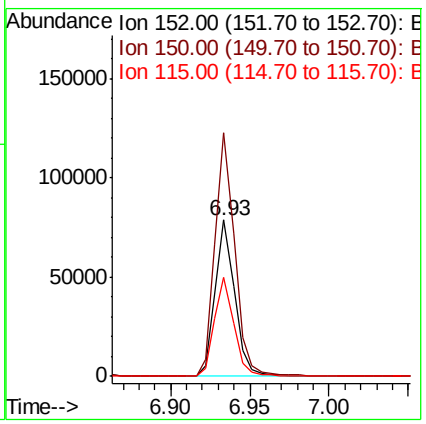


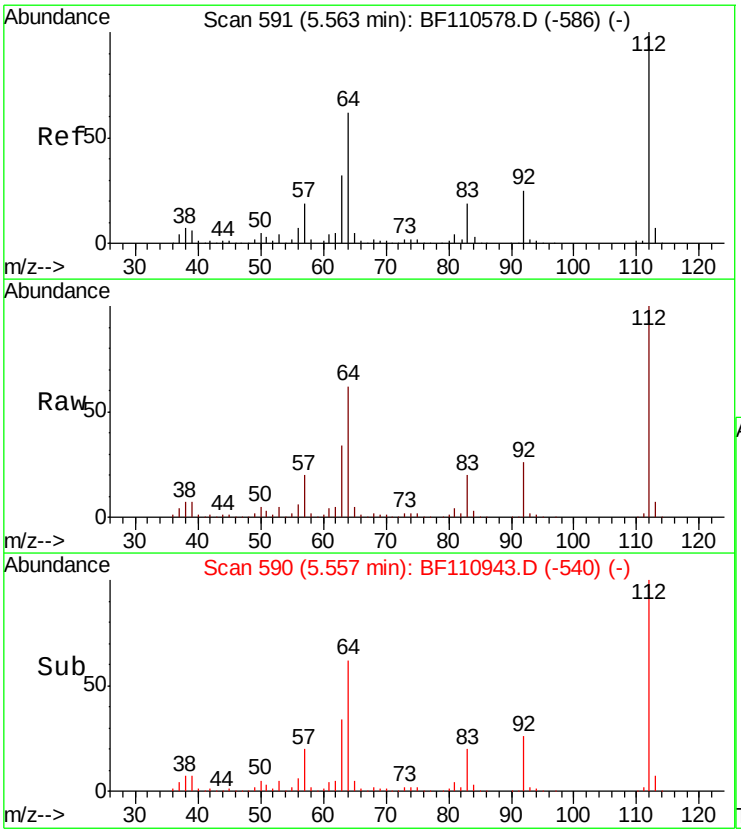
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:152 Resp: 67855

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	63.1	49.1	73.7

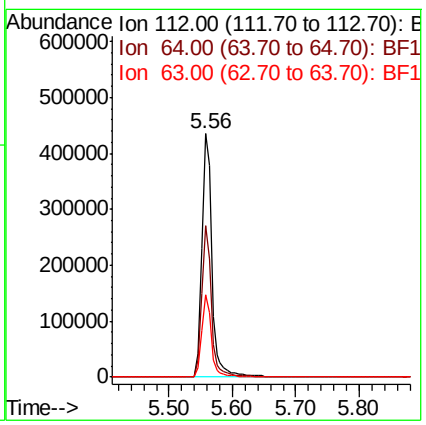


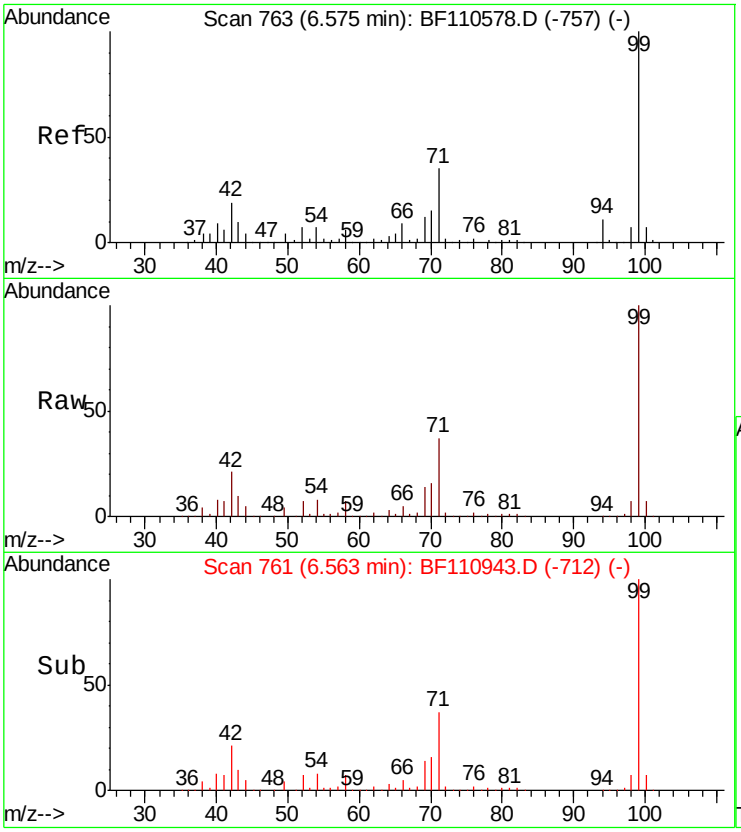


#5
2-Fluorophenol
Concen: 113.719 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:112 Resp: 475056

Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	33.8	23.7	35.5



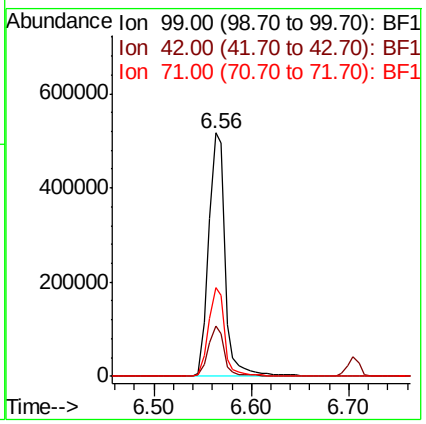


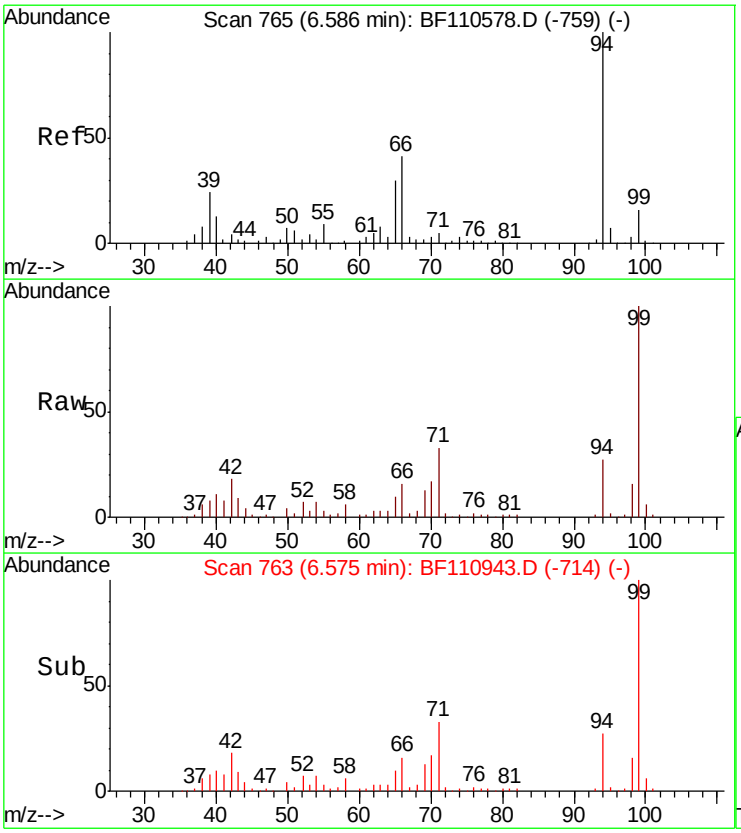
#7
Phenol-d6
Concen: 113.573 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion: 99 Resp: 606704

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.8	23.6
71	36.7	28.0	42.0

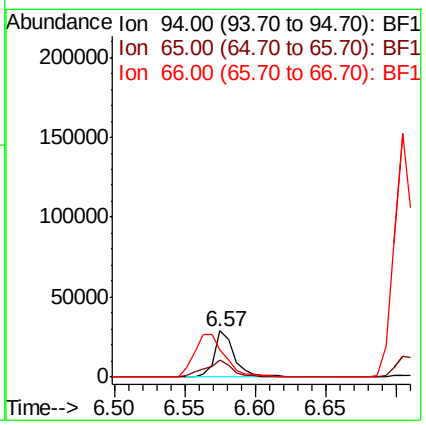


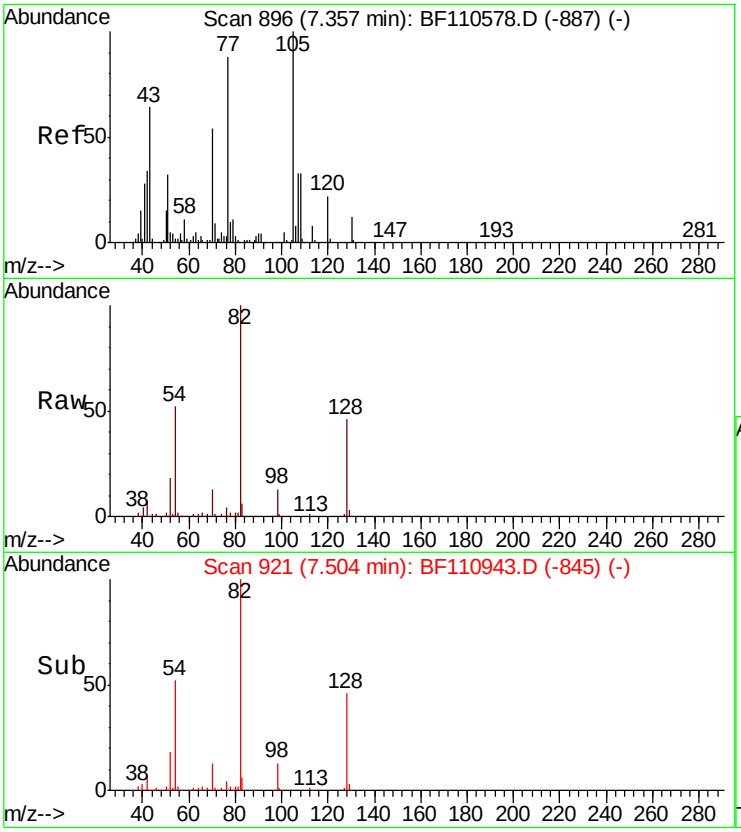


#10
Phenol
Concen: 4.661 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion: 94 Resp: 28873

Ion	Ratio	Lower	Upper
94	100		
65	35.5	25.3	65.3
66	59.4	54.5	94.5



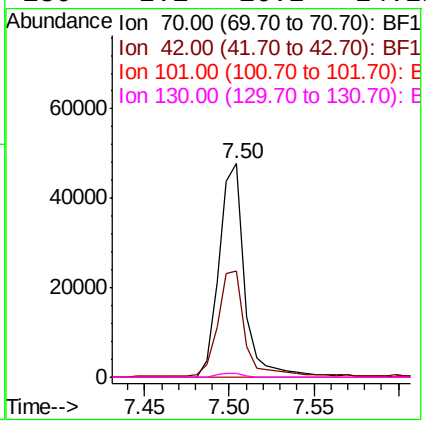


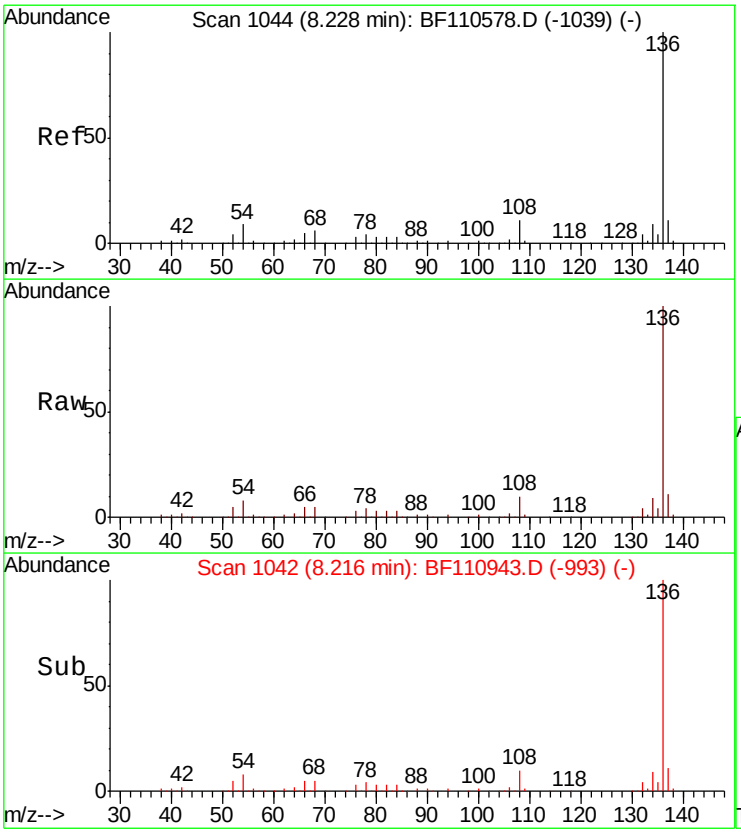
#19
n-Nitroso-di-n-propylamine
Concen: 14.868 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion: 70 Resp: 50700

Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

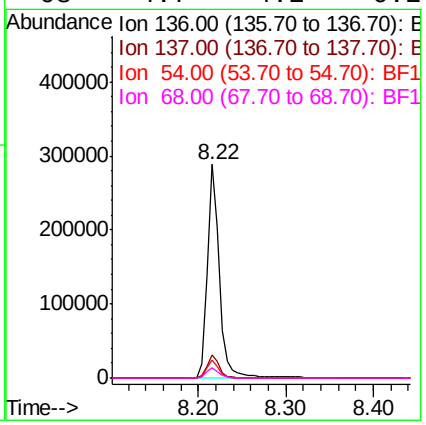


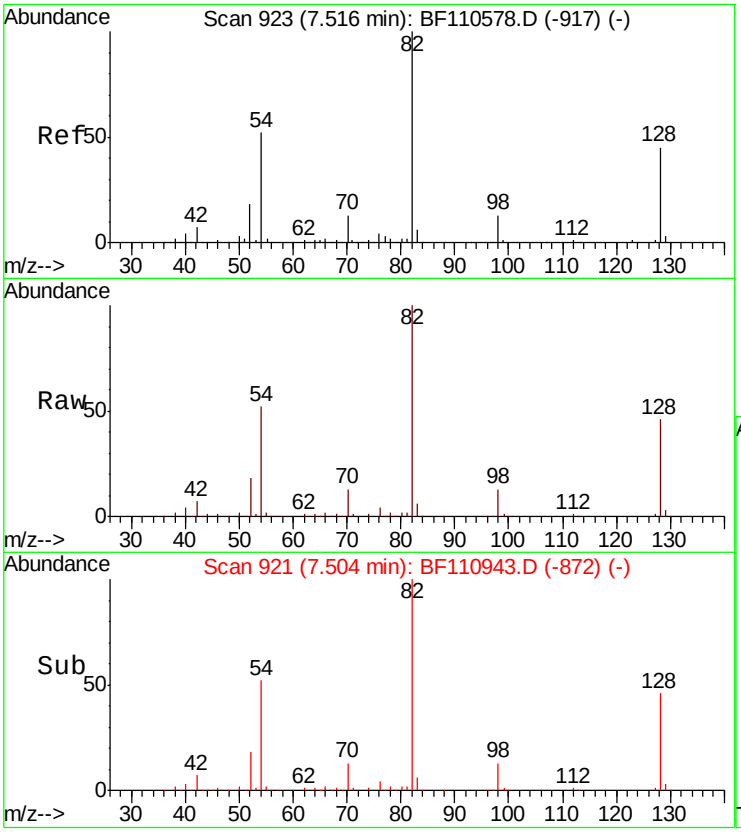


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:136 Resp: 276790

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.1	5.4	8.2
68	4.7	4.2	6.2



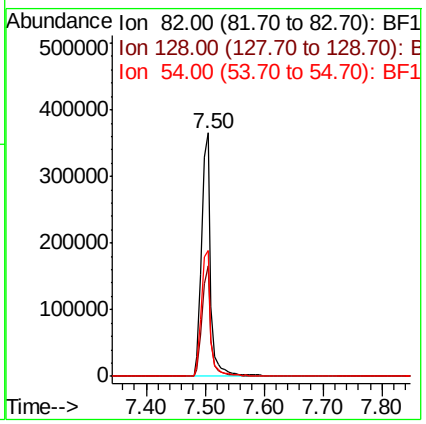


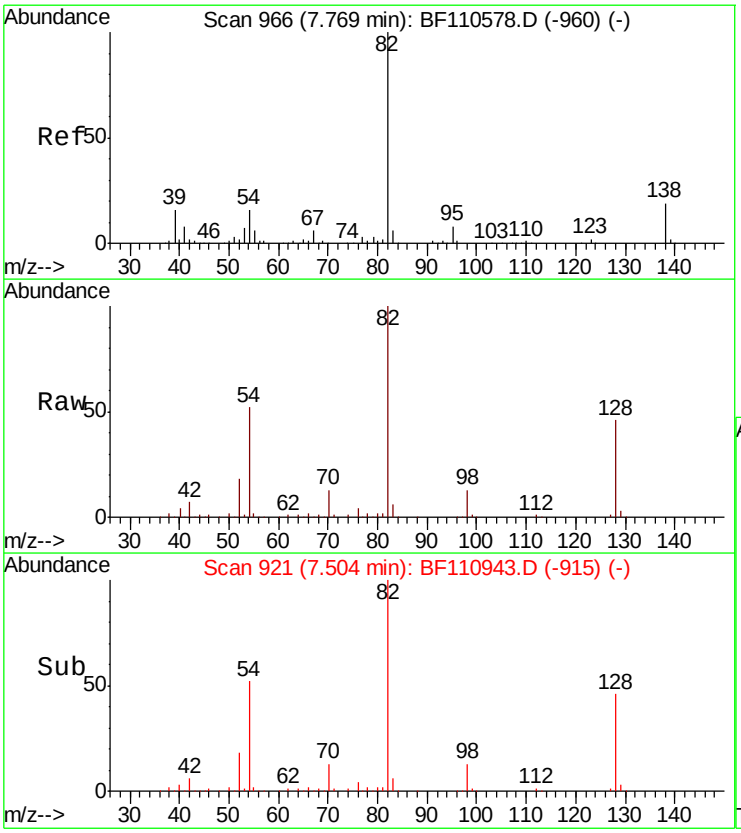
#23
Nitrobenzene-d5
Concen: 80.875 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion: 82 Resp: 388707

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	51.7	38.6	58.0

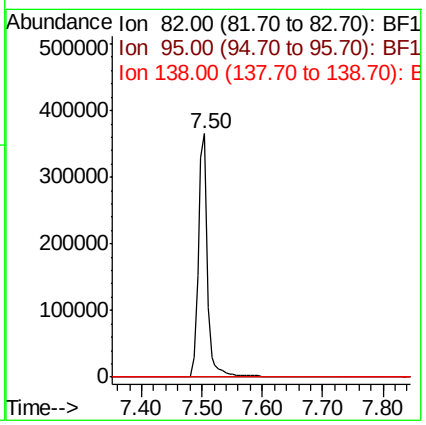


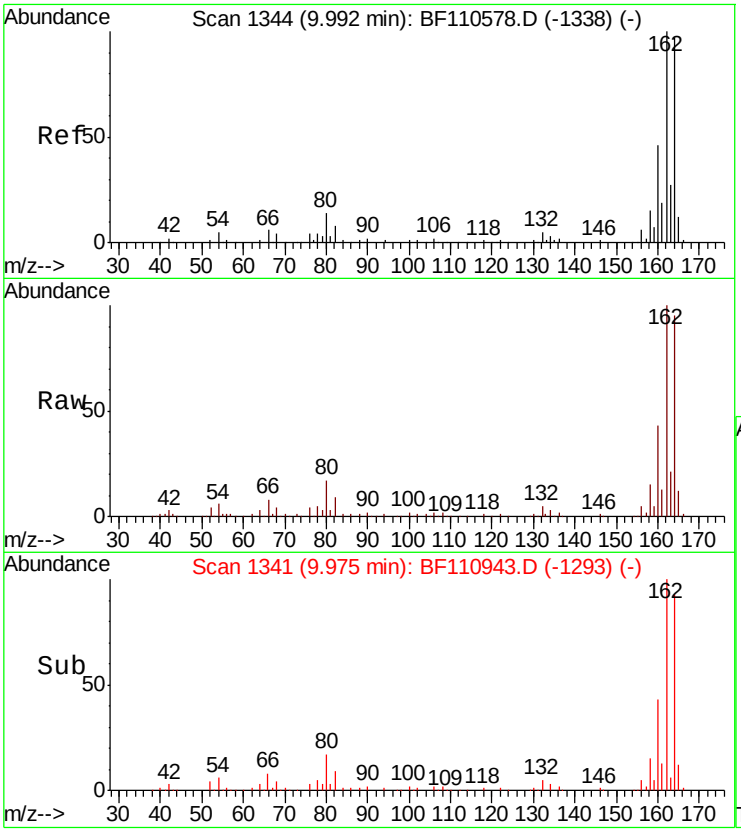


#25
Isophorone
Concen: 49.344 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion: 82 Resp: 388705

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



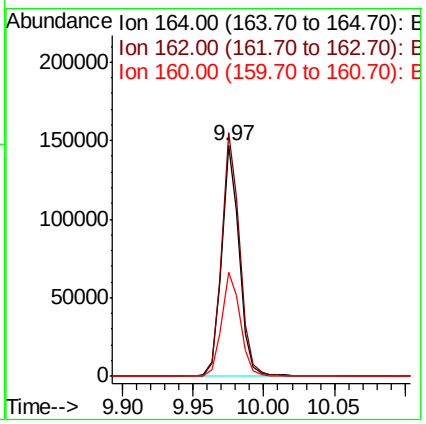


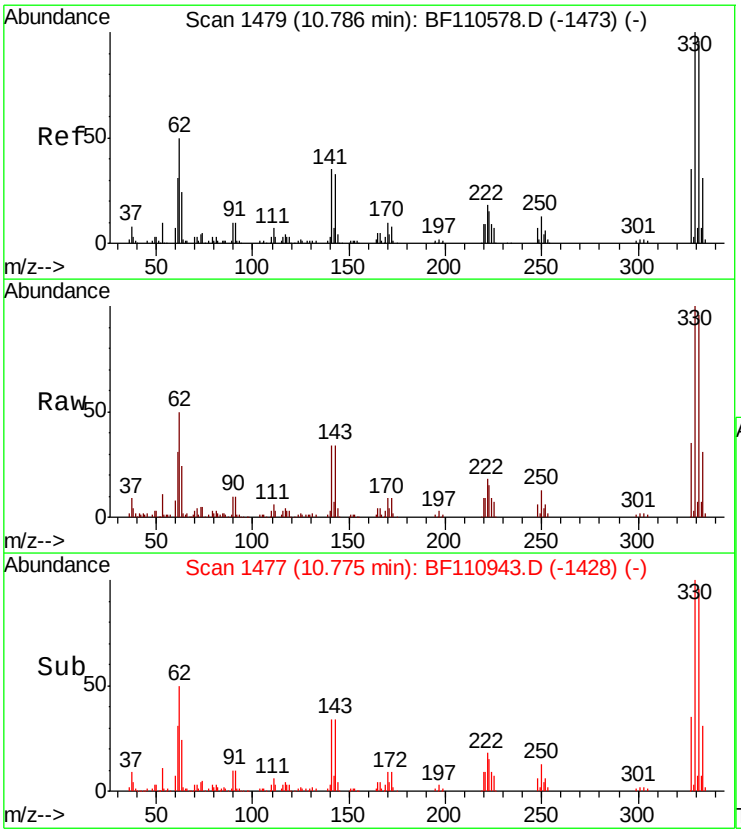
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:164 Resp: 127064

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.6
160	45.2	37.0	55.6

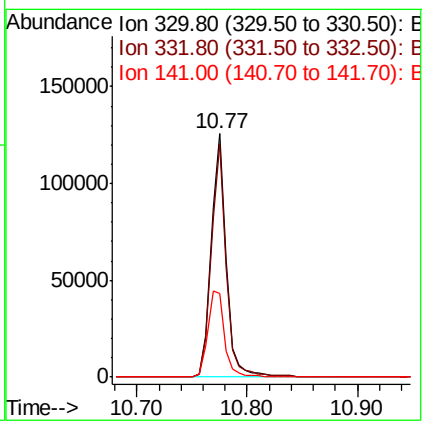


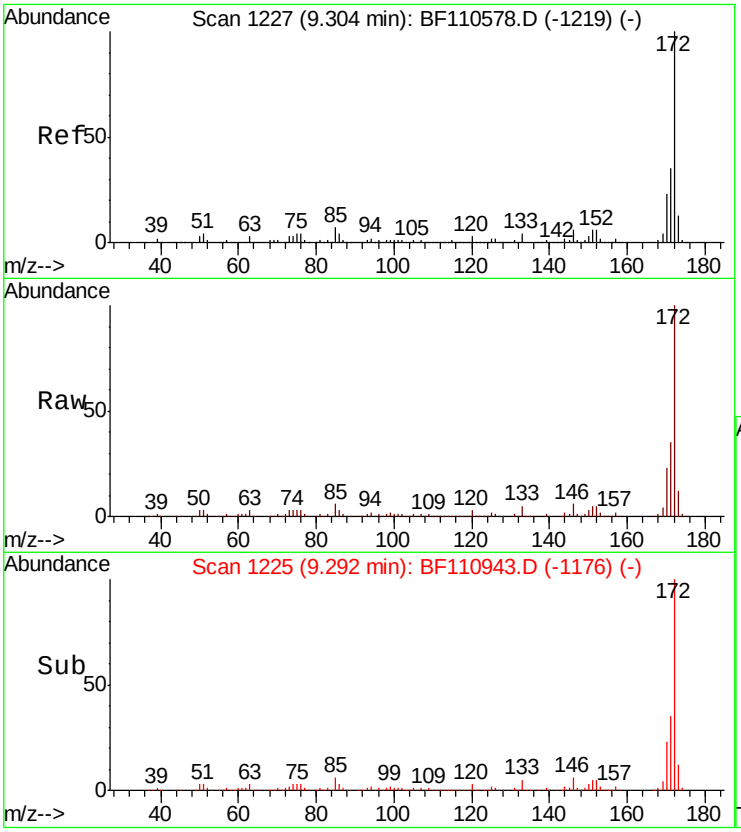


#42
2,4,6-Tribromophenol
Concen: 91.434 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:330 Resp: 117066

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	39.0	27.0	40.4



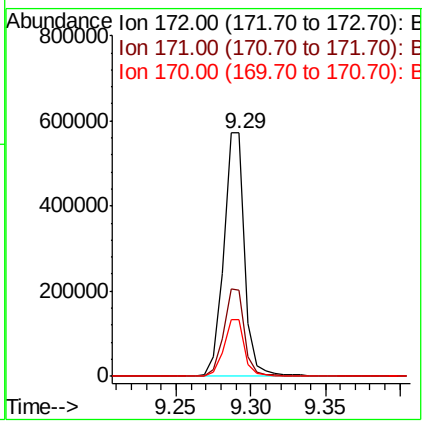


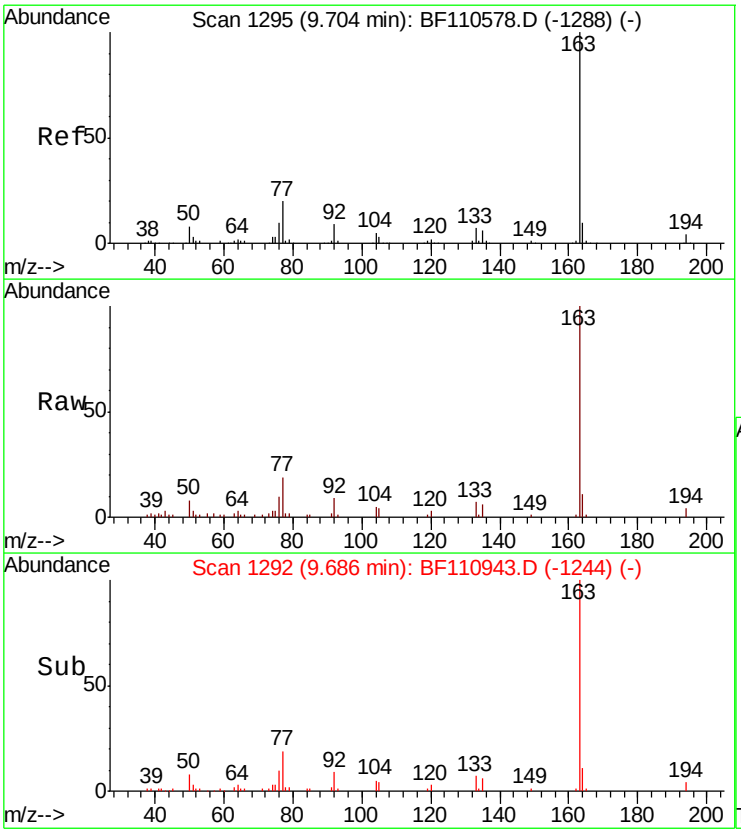
#45
2-Fluorobiphenyl
Concen: 64.384 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:172 Resp: 572819

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.3	19.7	29.5

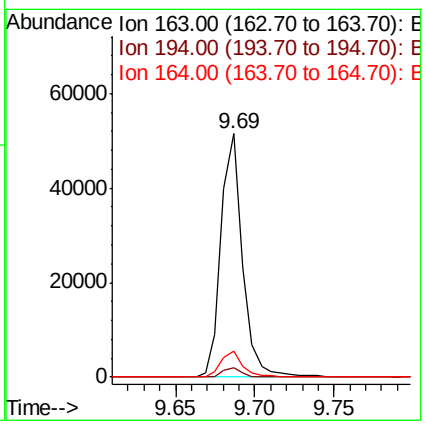


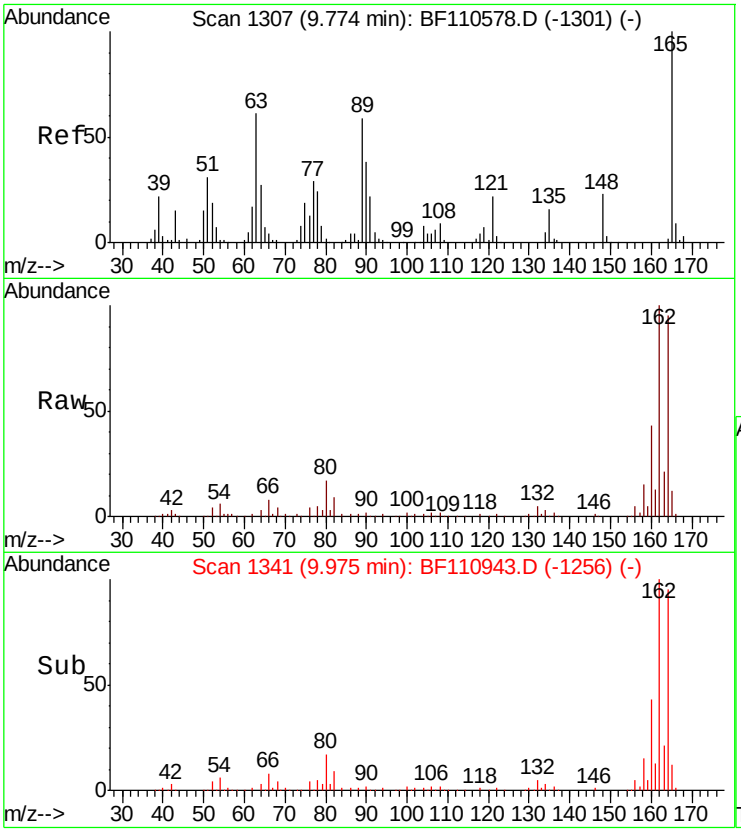


#50
Dimethylphthalate
Concen: 5.099 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:163 Resp: 48347

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.8	8.1	12.1



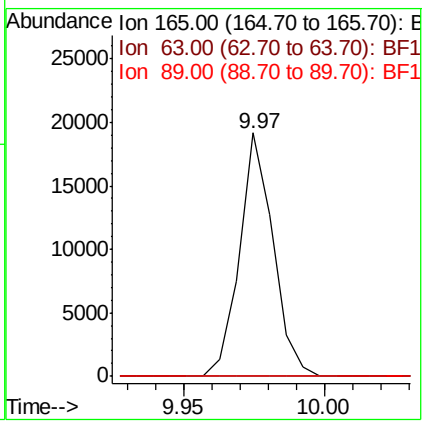


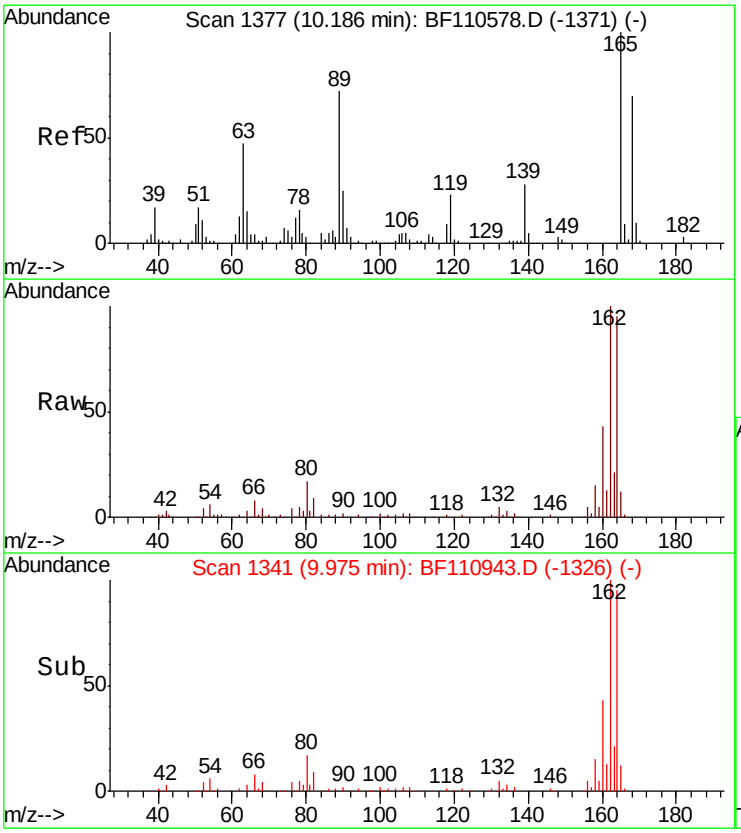
#51
2,6-Dinitrotoluene
Concen: 7.564 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.20 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:165 Resp: 15777

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

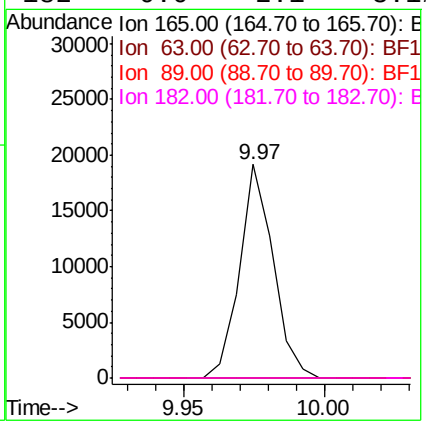


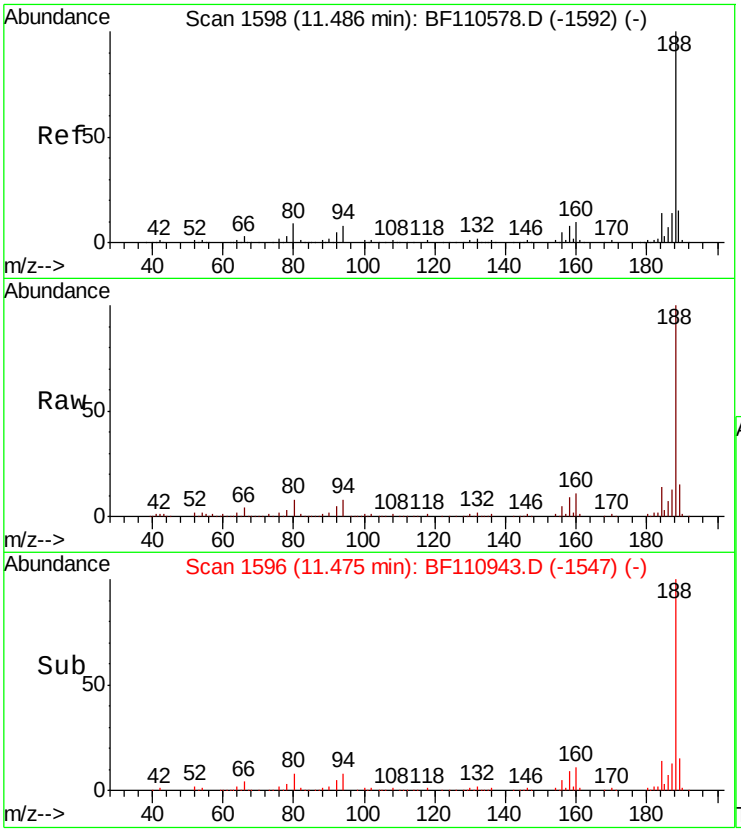


#57
2,4-Dinitrotoluene
Concen: 5.818 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:165 Resp: 15777

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



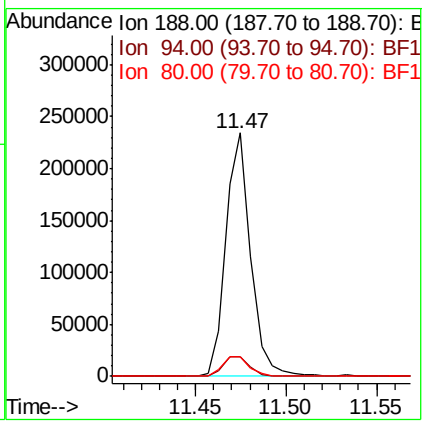


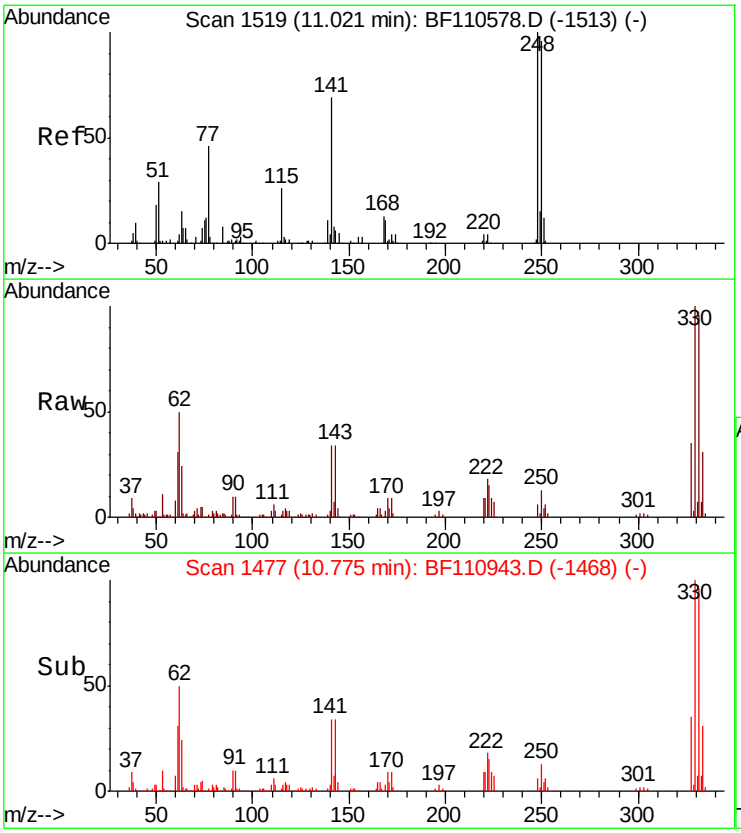
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:188 Resp: 222677

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.2	7.9	11.9

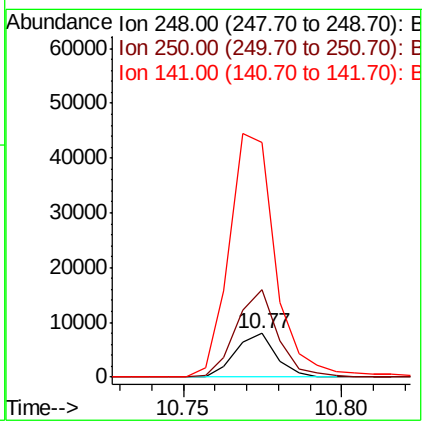


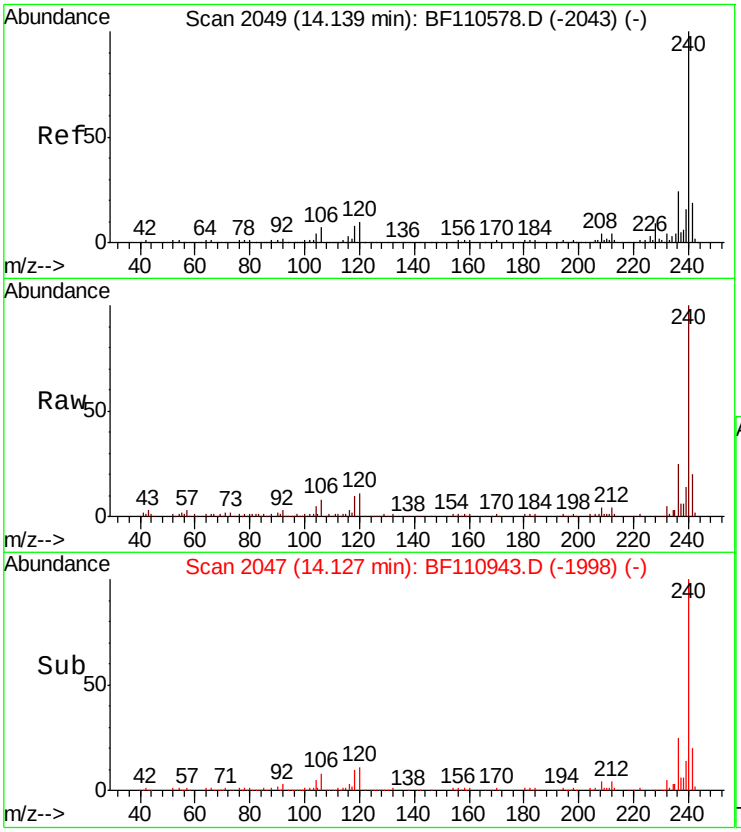


#67
4-Bromophenyl-phenylether
Concen: 2.865 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:248 Resp: 7051

Ion	Ratio	Lower	Upper
248	100		
250	201.9	79.4	119.2#
141	539.8	55.9	83.9#



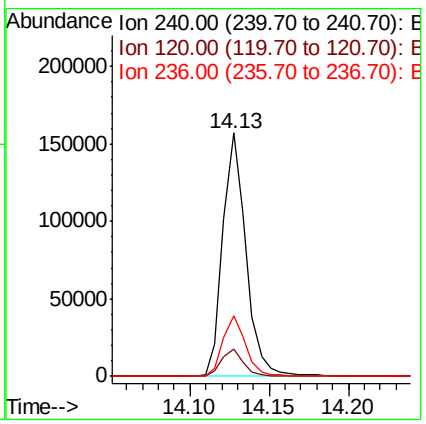


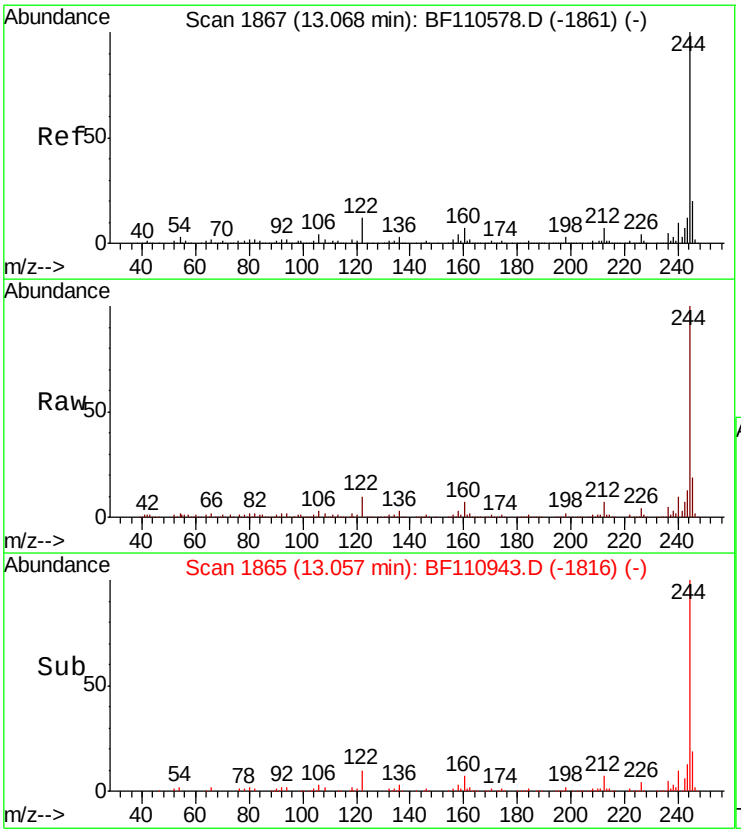
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:240 Resp: 158582

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.7	21.2	31.8

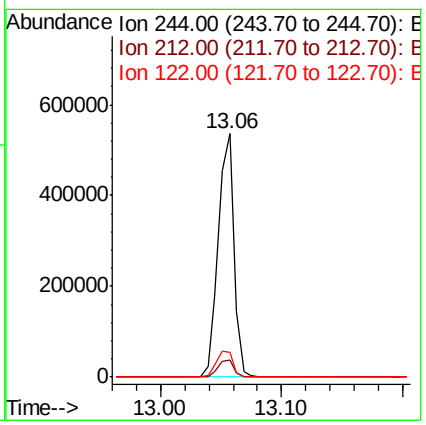


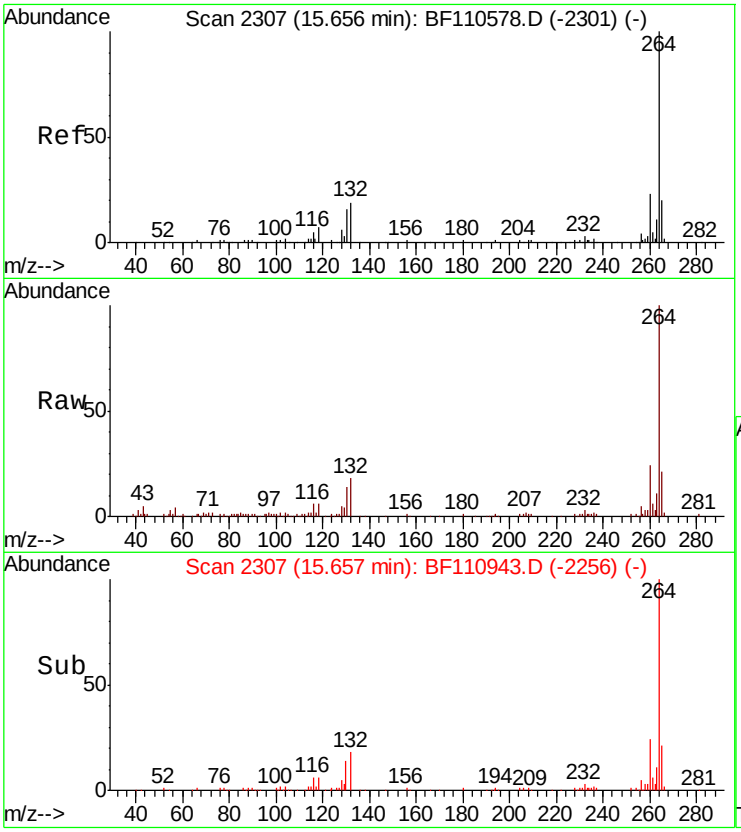


#79
Terphenyl-d14
Concen: 56.644 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Tgt Ion:244 Resp: 479651

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110943.D
Acq: 23 Nov 2018 14:51

Instrument :
BNA_F
ClientSampleId :
SSSI-1116-S-AB-5

Tgt Ion:264 Resp: 154569

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.4	16.7	25.1