Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110562.D
Acq On : 7 Nov 2018 18:20
Operator : JU/SJ
Sample : J5813-07 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 08 16:22:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73585	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	282053	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	109492	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	171355	20.00	ng		0.00
76) Chrysene-d12	14.13	240	171113	20.00	ng		0.00
87) Perylene-d12	15.66	264	143128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	197229	43.65	ng		0.00
7) Phenol-d6	6.57	99	250521	43.34	ng		-0.01
23) Nitrobenzene-d5	7.51	82	150125	31.57	ng		-0.01
42) 2,4,6-Tribromophenol	10.79	330	39340	36.27	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	258859	37.12	ng		-0.01
79) Terphenyl-d14	13.06	244	195549	23.77	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.58	94	15015	2.430	ng		83
19) n-Nitroso-di-n-propylamine	7.51	70	19223	5.184	ng	#	79
25) Isophorone	7.51	82	150125	18.520	ng	#	67
50) Dimethylphthalate	9.70	163	35626	4.408	ng		100
51) 2,6-Dinitrotoluene	9.99	165	13503	7.756	ng	#	21
57) 2,4-Dinitrotoluene	9.99	165	13503	6.106	ng	#	17
75) Fluoranthene	12.70	202	24426	2.684	ng		98
77) Benzidine	13.06	184	2580	Below Cal			94
88) Benzo(b)fluoranthene	15.21	252	21600	2.613	ng	#	75
89) Benzo(k)fluoranthene	15.21	252	21600	2.658	ng	#	74

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

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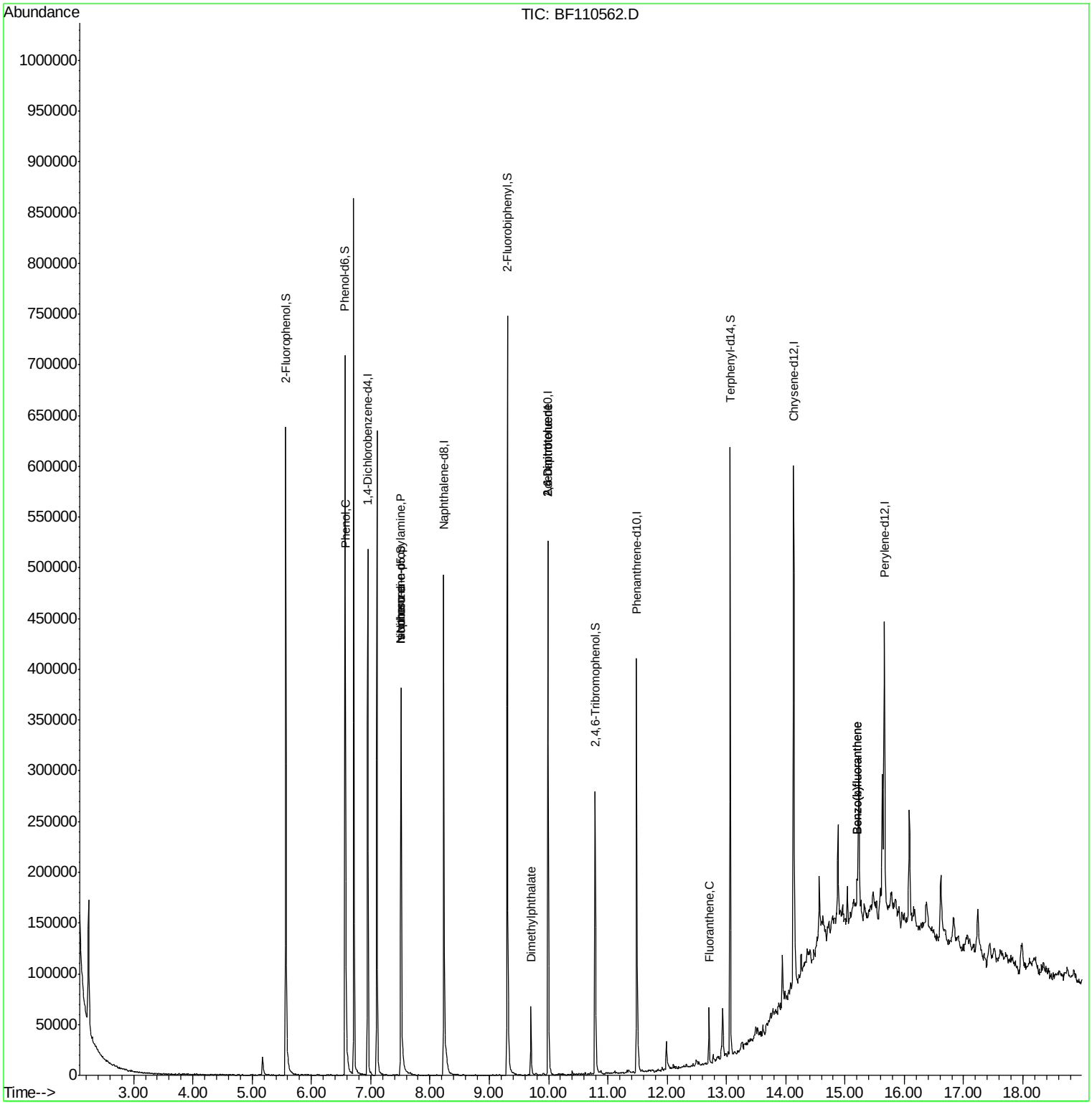
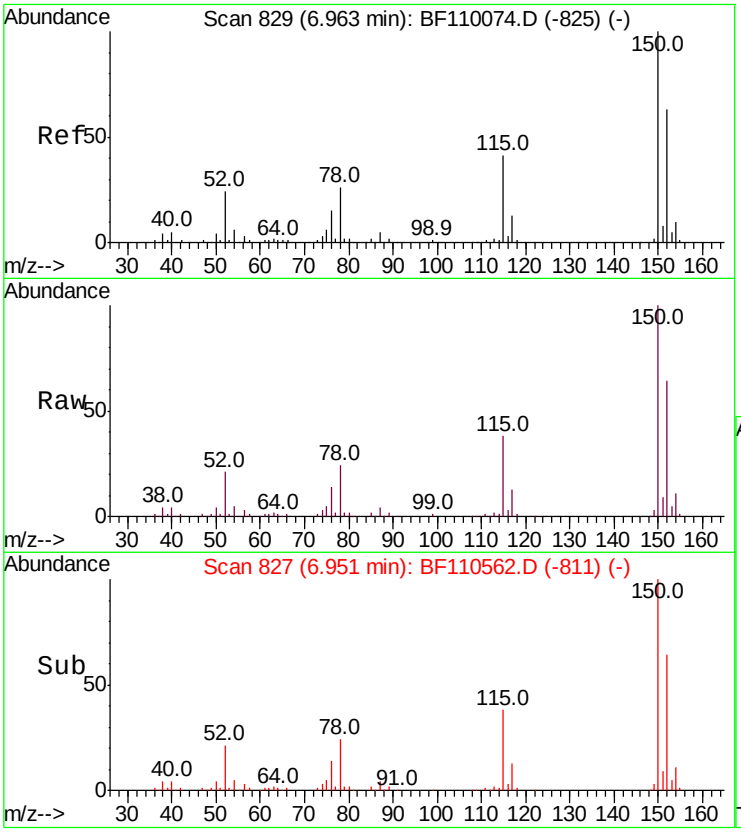


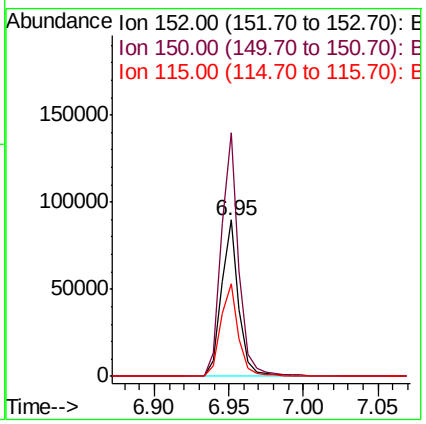


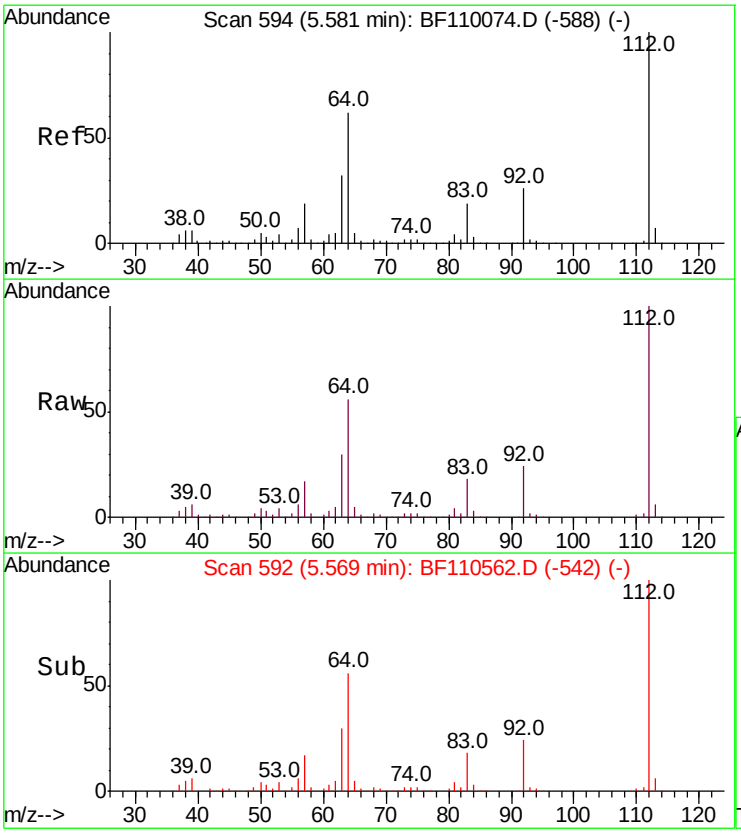
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73585

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	59.1	49.1	73.7

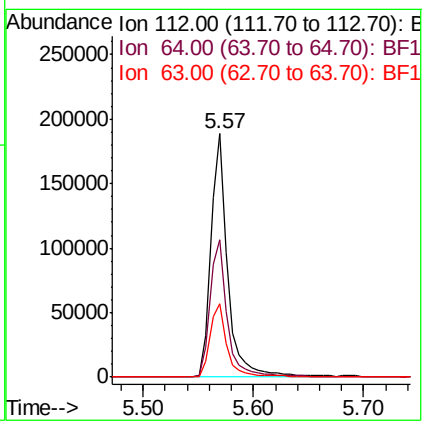


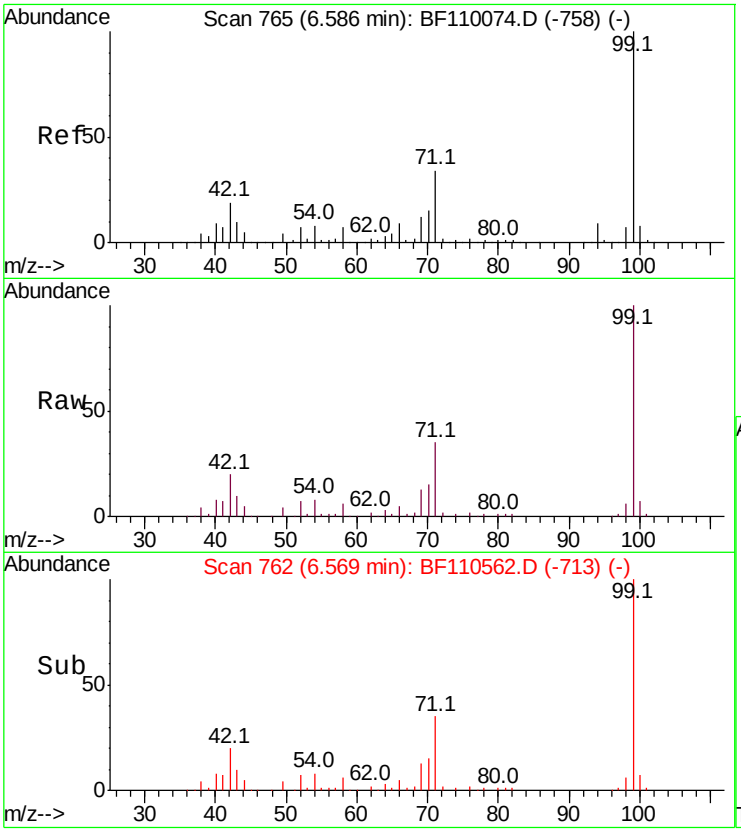


#5
2-Fluorophenol
Concen: 43.647 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:112 Resp: 197229

Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	30.3	23.7	35.5



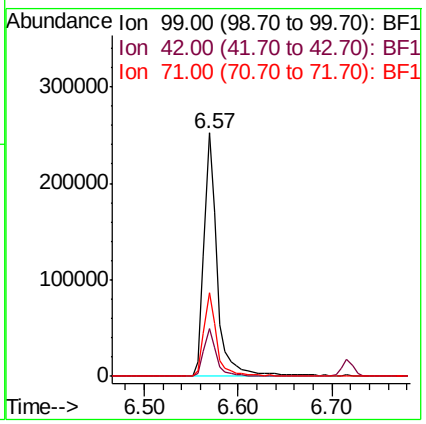


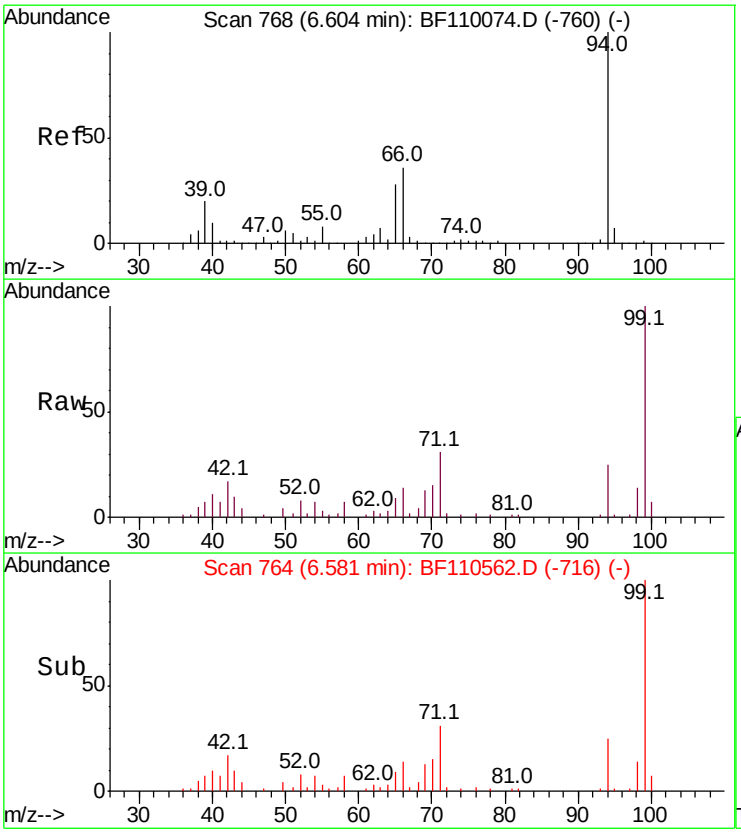
#7
Phenol-d6
Concen: 43.344 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 250521

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	34.6	28.0	42.0

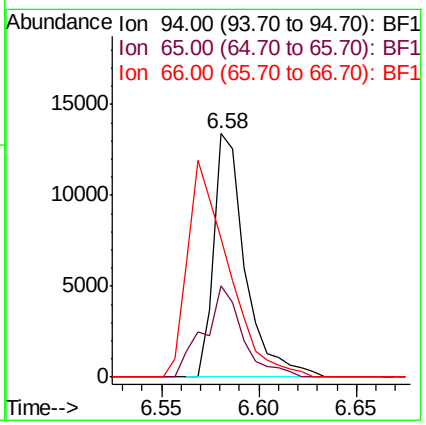


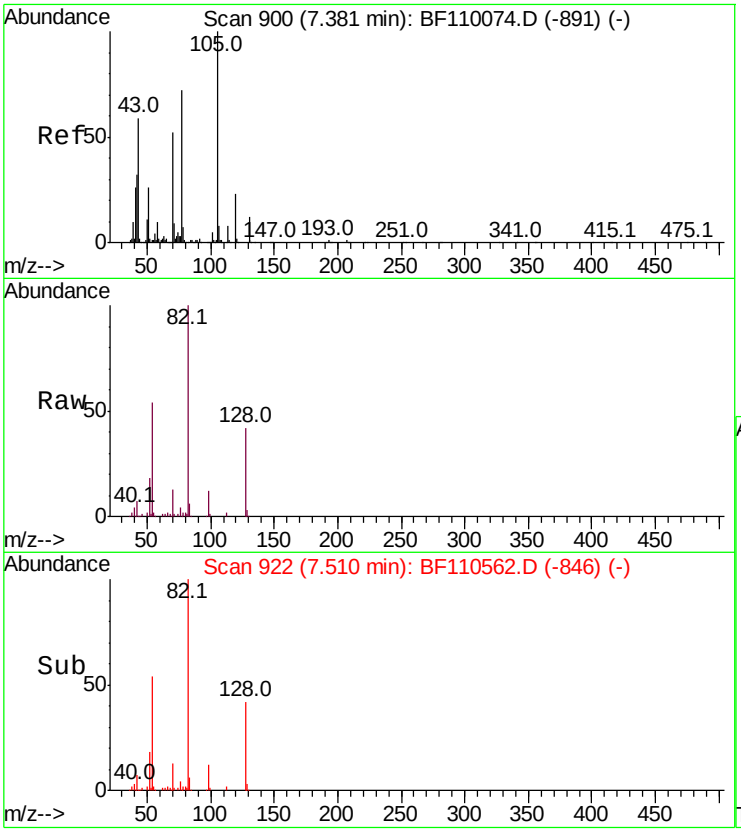


#10
Phenol
Concen: 2.430 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion: 94 Resp: 15015

Ion	Ratio	Lower	Upper
94	100		
65	37.5	25.3	65.3
66	57.2	54.5	94.5



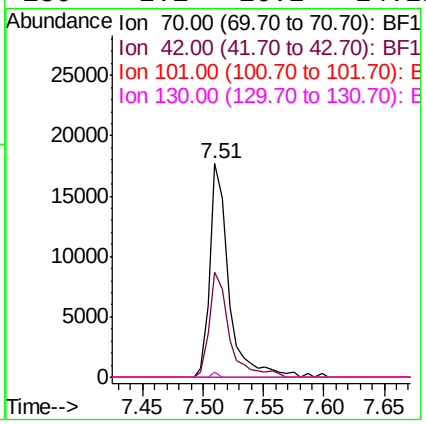


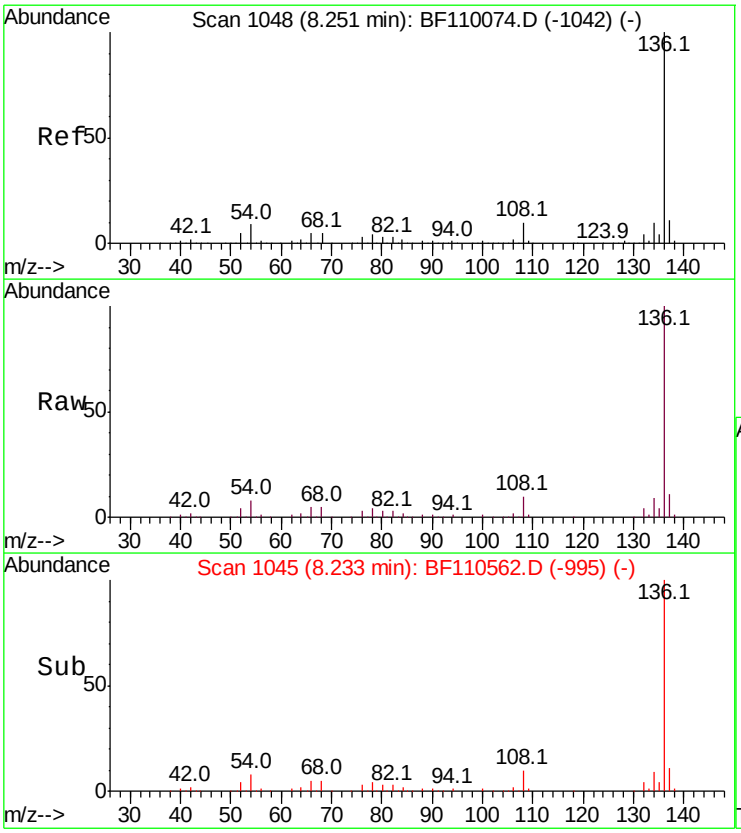
#19
n-Nitroso-di-n-propylamine
Concen: 5.184 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 19223

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

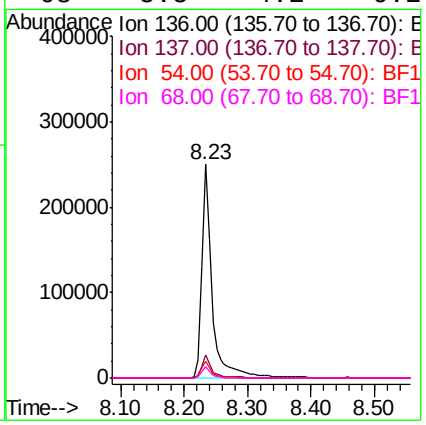


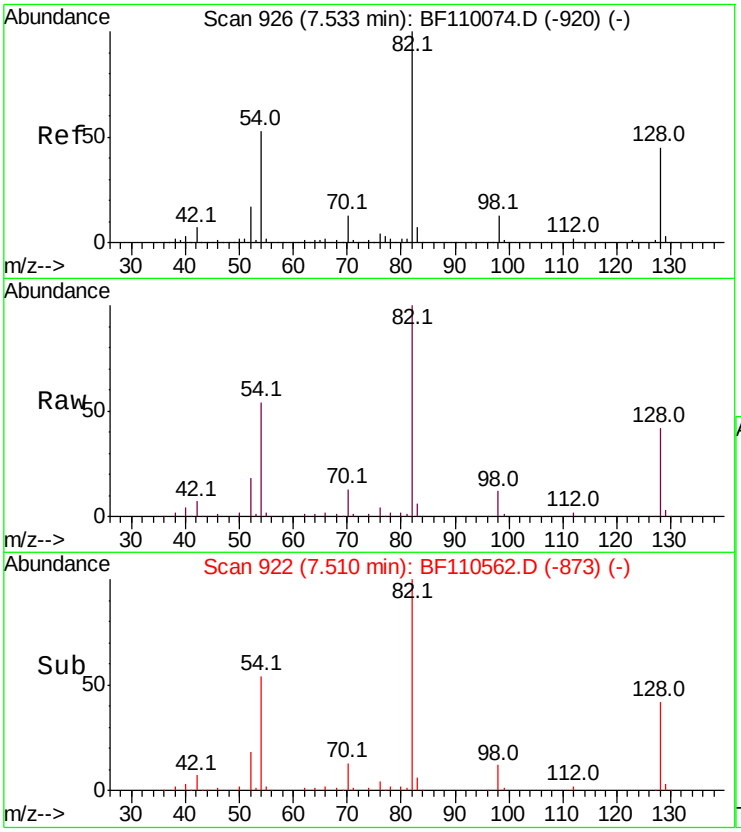


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:136 Resp: 282053

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	5.4	8.2
68	5.5	4.2	6.2



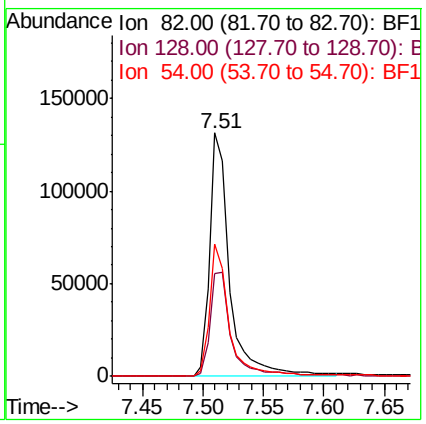


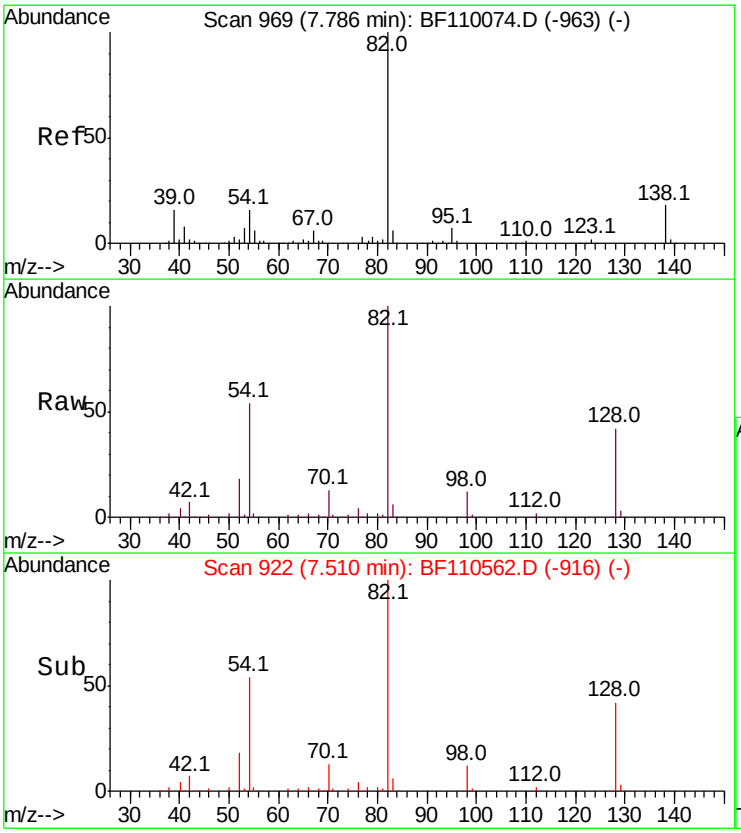
#23
Nitrobenzene-d5
Concen: 31.570 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 150125

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.2	51.2
54	54.3	38.6	58.0

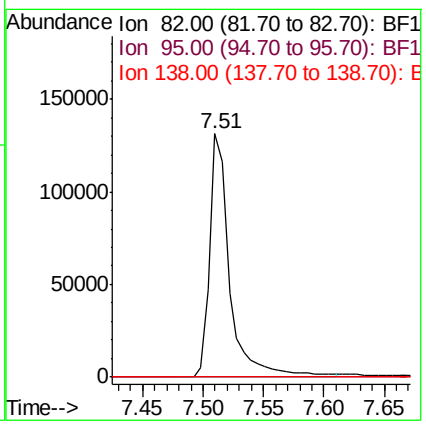


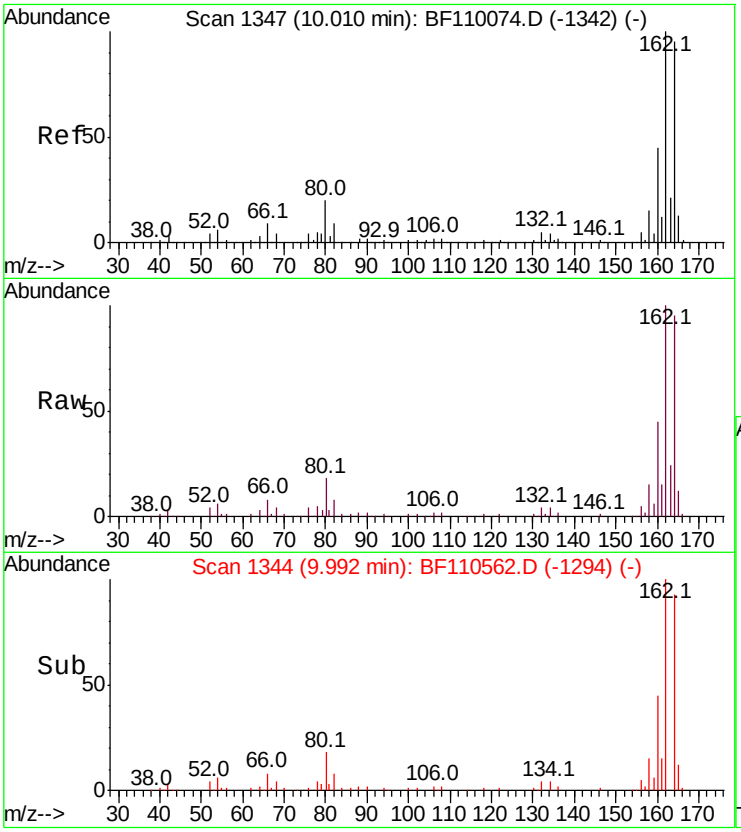


#25
Isophorone
Concen: 18.520 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion: 82 Resp: 150125

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



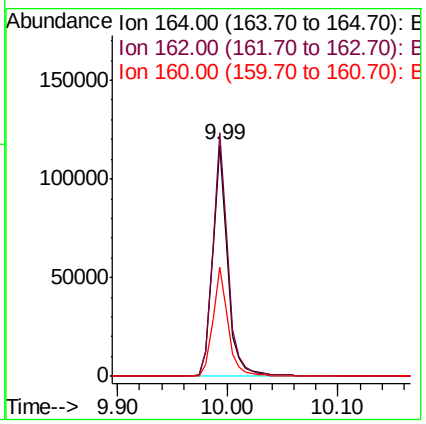


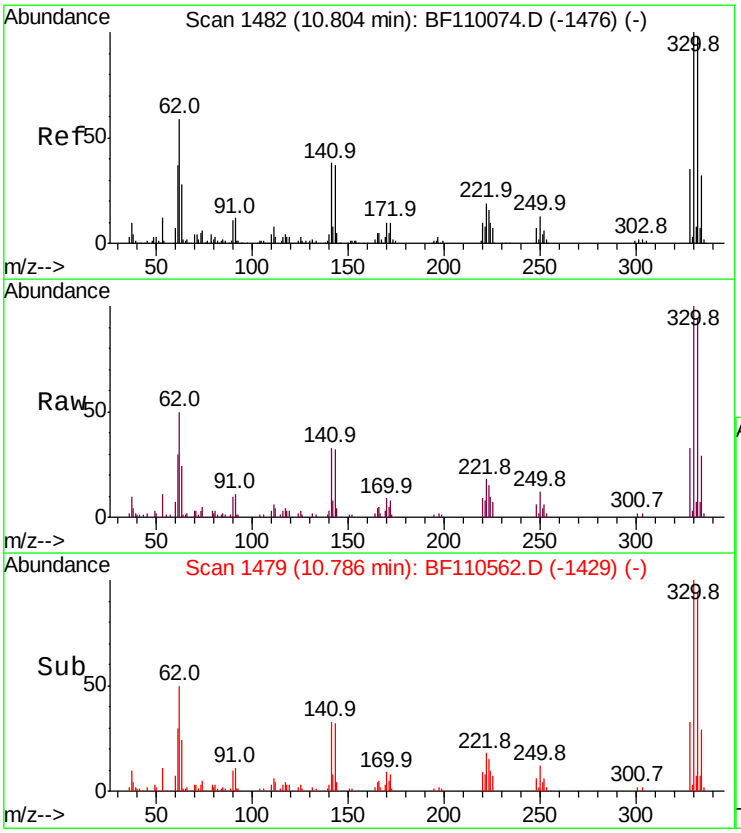
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 109492

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	47.3	37.0	55.6

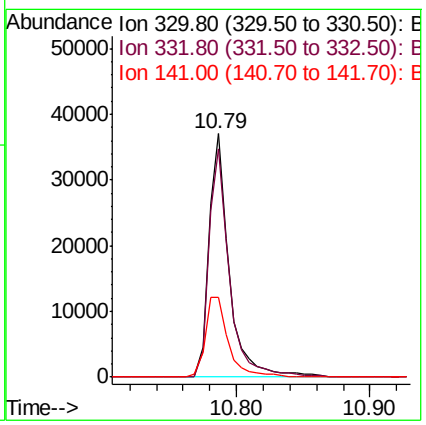


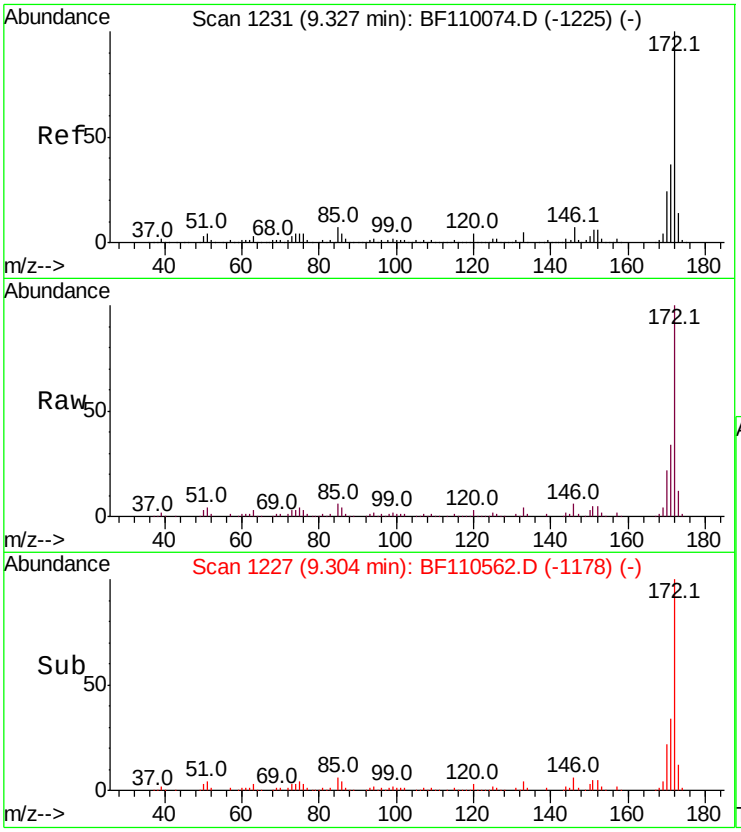


#42
2,4,6-Tribromophenol
Concen: 36.272 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:330 Resp: 39340

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.6	27.0	40.4



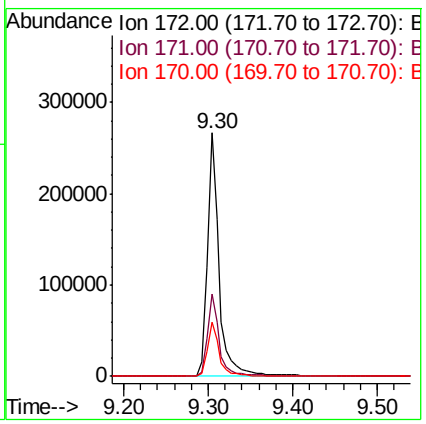


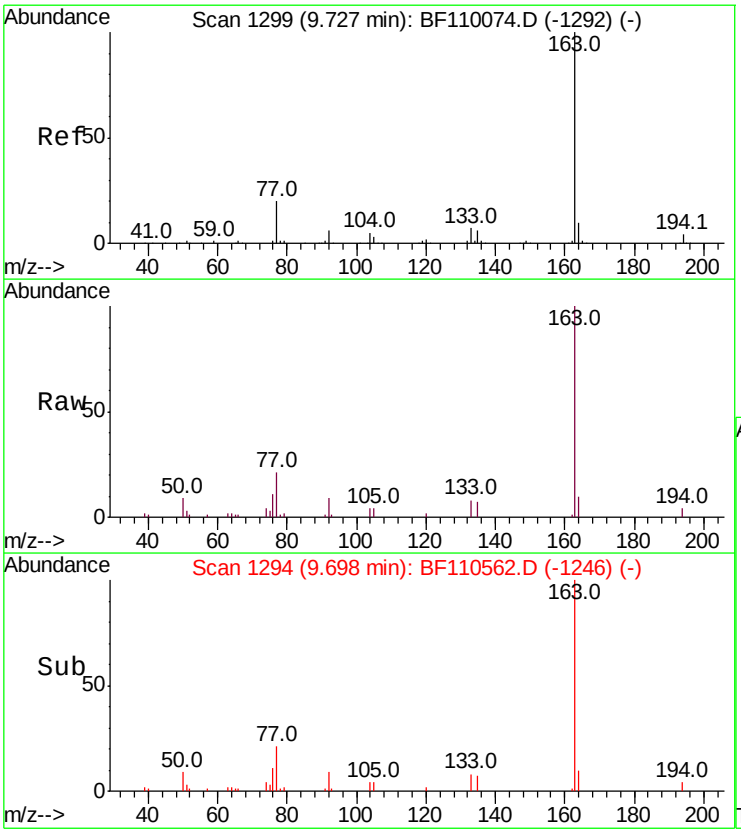
#45
2-Fluorobiphenyl
Concen: 37.124 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 258859

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	22.3	19.7	29.5

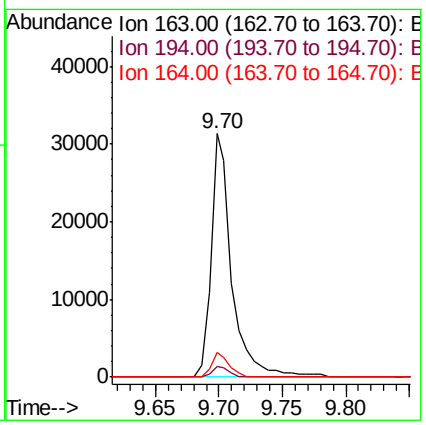


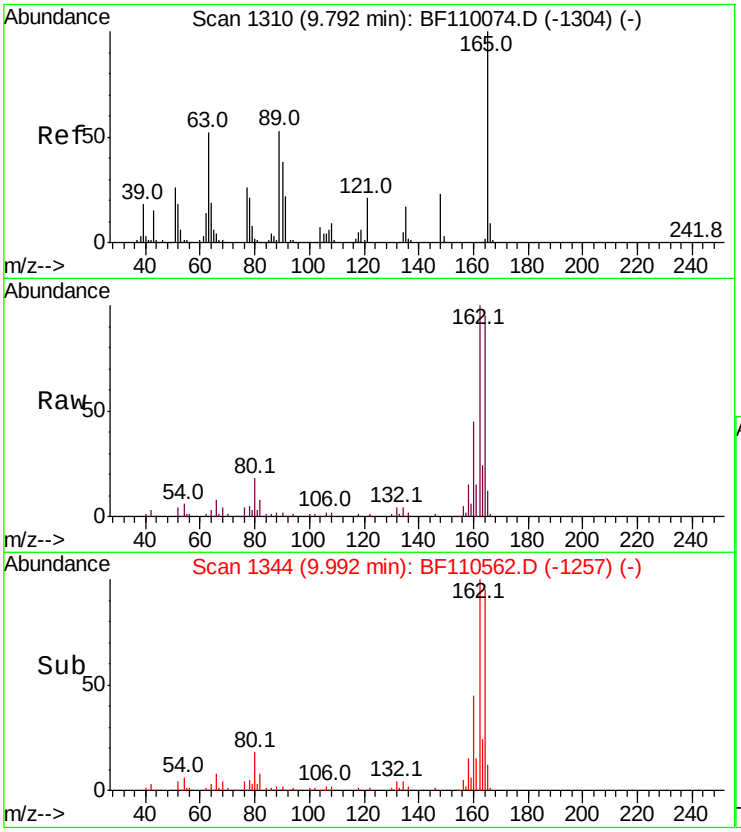


#50
Dimethylphthalate
Concen: 4.408 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:163 Resp: 35626

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.1	12.1



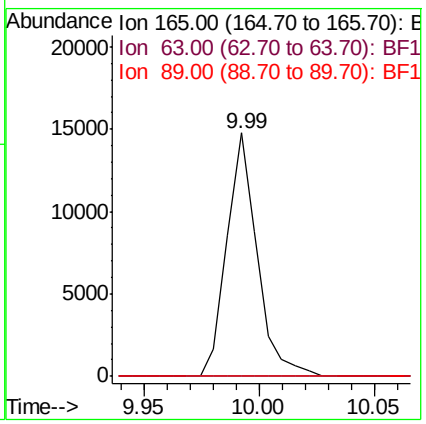


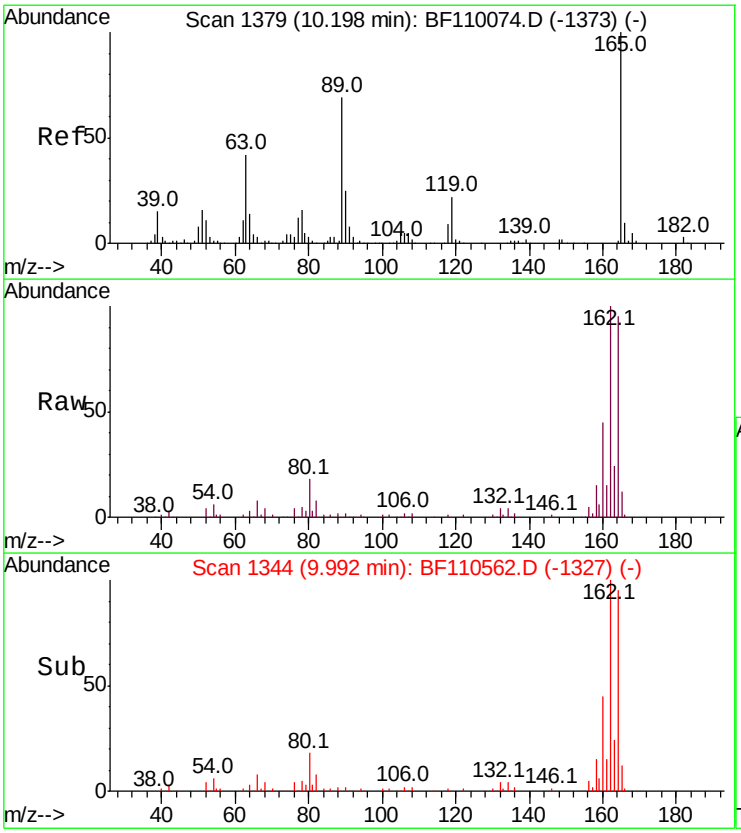
#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13503

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

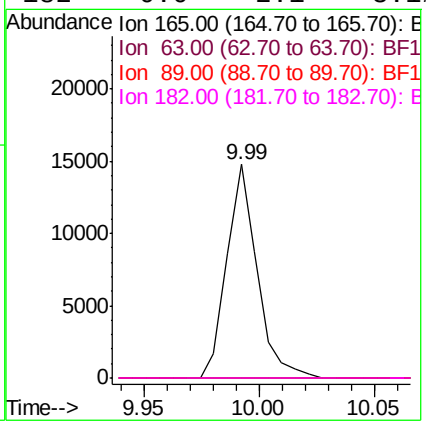


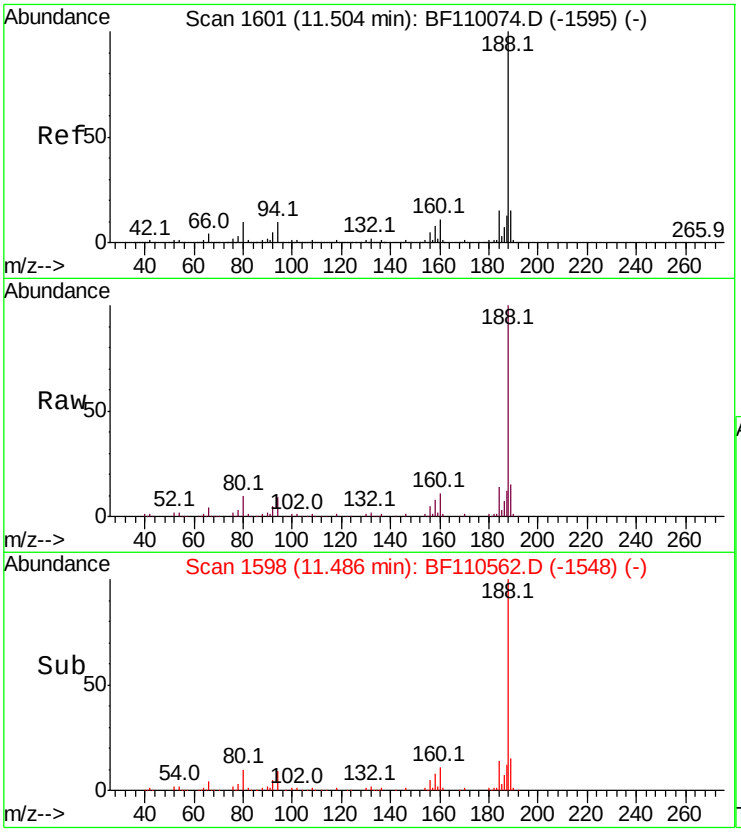


#57
2,4-Dinitrotoluene
Concen: 6.106 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:165 Resp: 13503

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#



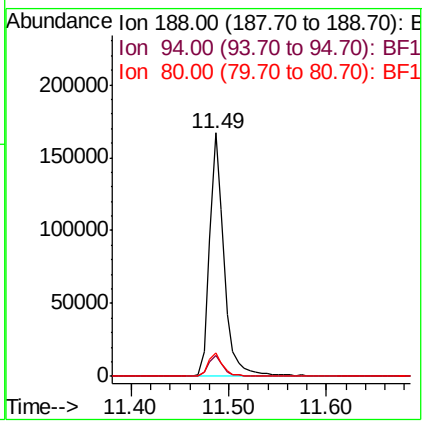


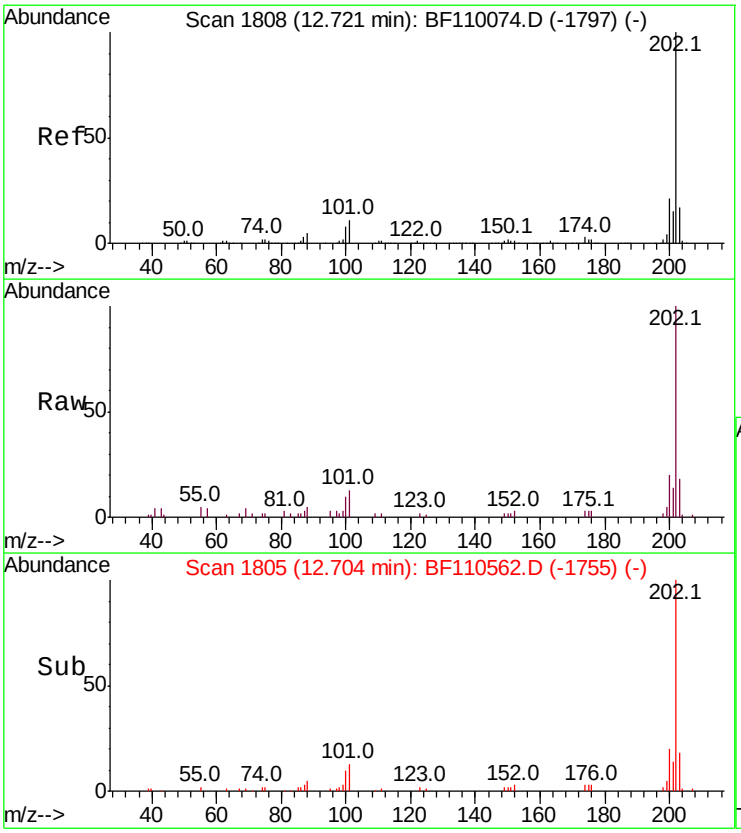
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 171355

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.8	7.9	11.9

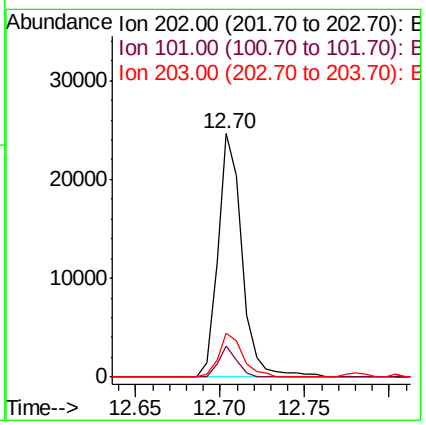


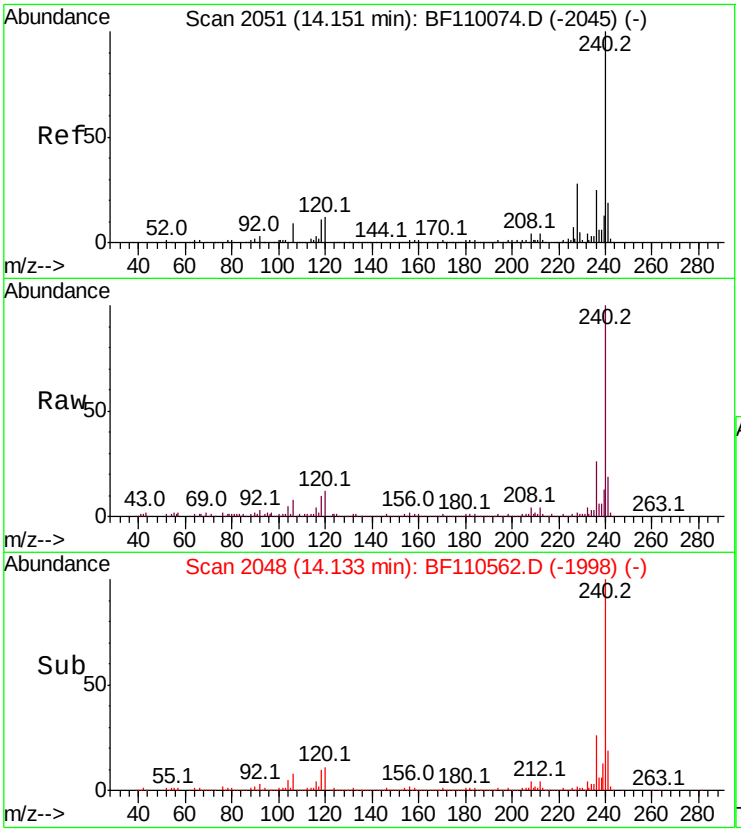


#75
Fluoranthene
Concen: 2.684 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:202 Resp: 24426

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	18.2	0.0	37.7



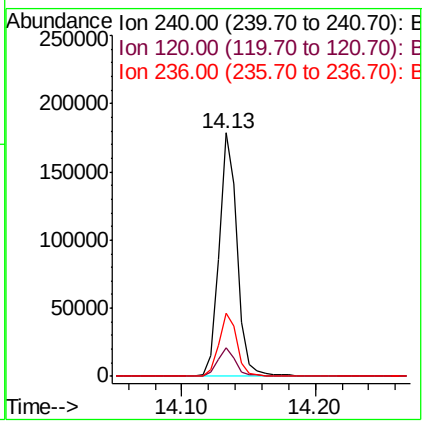


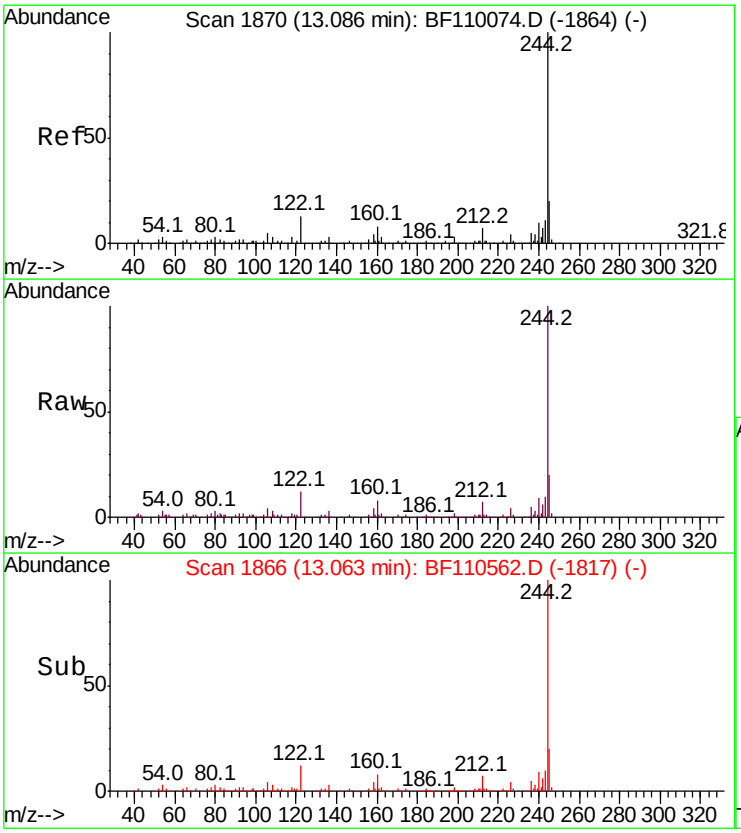
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 171113

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	26.0	21.2	31.8

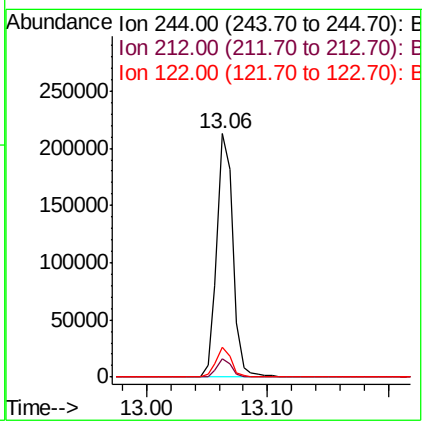


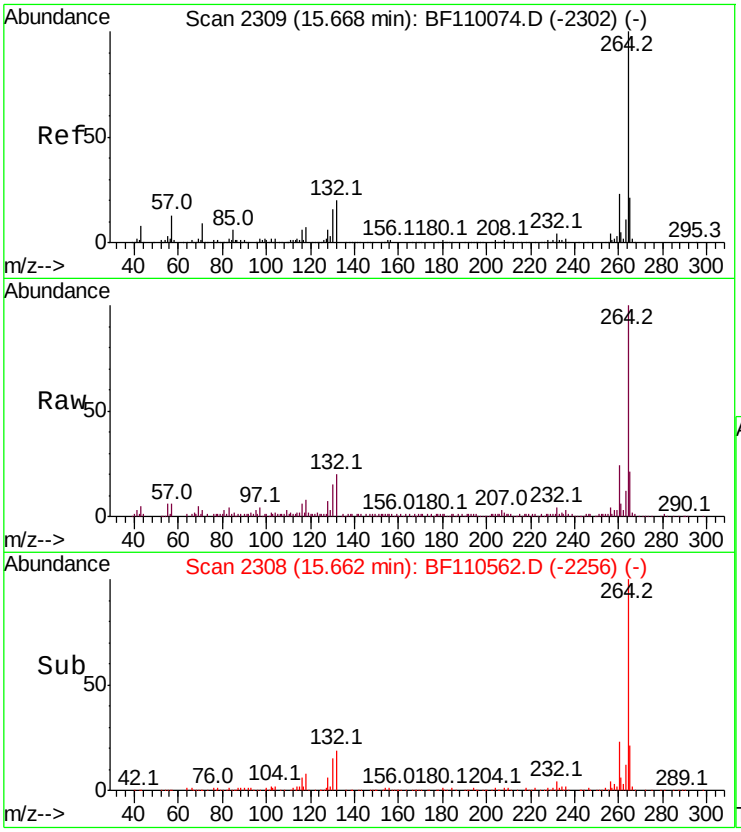


#79
Terphenyl-d14
Concen: 23.767 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:244 Resp: 195549

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.3	8.7	13.1



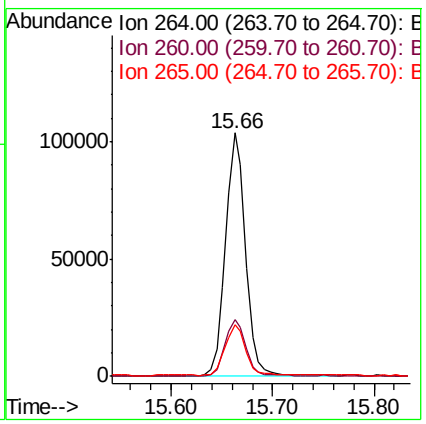


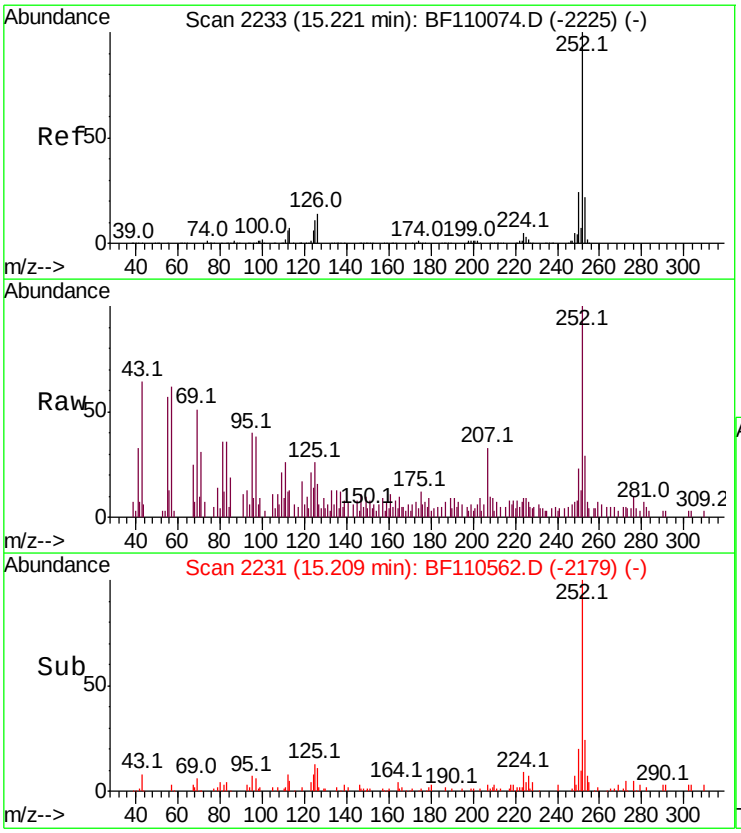
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 143128

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	16.7	25.1

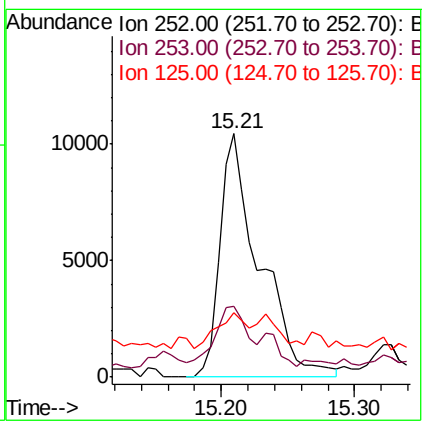


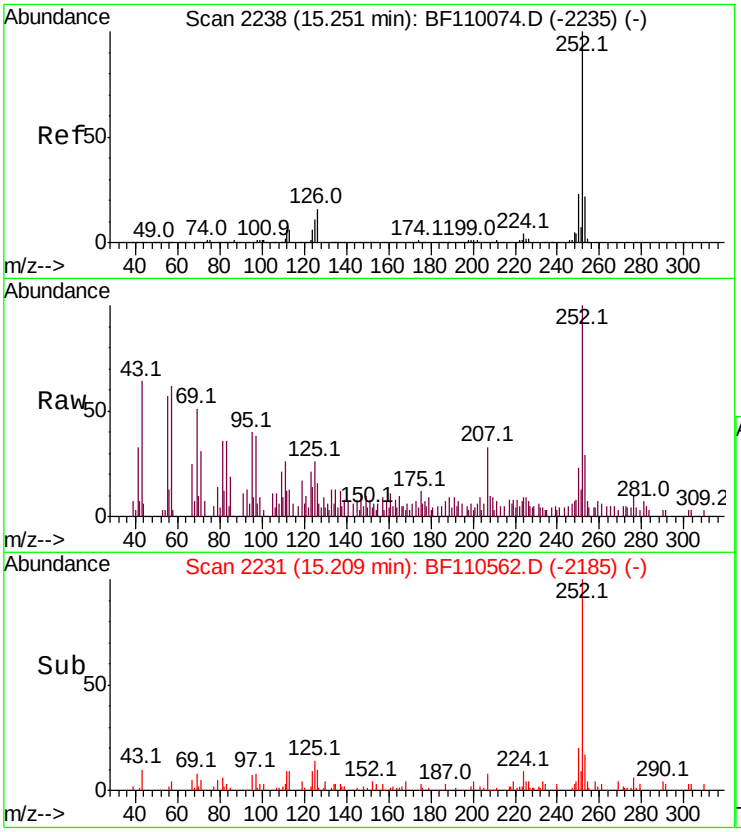


#88
Benzo(b)fluoranthene
Concen: 2.613 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Tgt Ion:252 Resp: 21600

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.2	25.8#
125	26.4	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.658 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110562.D
Acq: 7 Nov 2018 18:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21600

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.2	25.8#
125	26.4	7.4	11.0#