Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110533.D
Acq On : 6 Nov 2018 23:28
Operator : JU/SJ
Sample : J5764-17 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:32 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	6.96	152	89910	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	338140	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	127680	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	207975	20.00	ng		0.00
76) Chrysene-d12	14.14	240	148646	20.00	ng		0.00
87) Perylene-d12	15.67	264	108923	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	206937	37.48	ng		0.00
7) Phenol-d6	6.57	99	263685	37.34	ng		0.00
23) Nitrobenzene-d5	7.52	82	151872	26.64	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	41208	32.58	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	276439	34.00	ng		0.00
79) Terphenyl-d14	13.07	244	216862	30.34	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	413	Below Cal		#	1
10) Phenol	6.59	94	20238	2.68	ng		80
19) n-Nitroso-di-n-propylamine	7.52	70	19907	4.39	ng	#	82
25) Isophorone	7.52	82	151872	15.63	ng	#	67
50) Dimethylphthalate	9.70	163	41218	4.37	ng	#	99
75) Fluoranthene	12.71	202	33129	3.00	ng		95
77) Benzidine	12.80	184	219	Below Cal		#	1
78) Pyrene	12.95	202	32686	3.07	ng		99
88) Benzo(b)fluoranthene	15.22	252	16390	2.61	ng	#	48
89) Benzo(k)fluoranthene	15.22	252	16390	2.65	ng	#	47

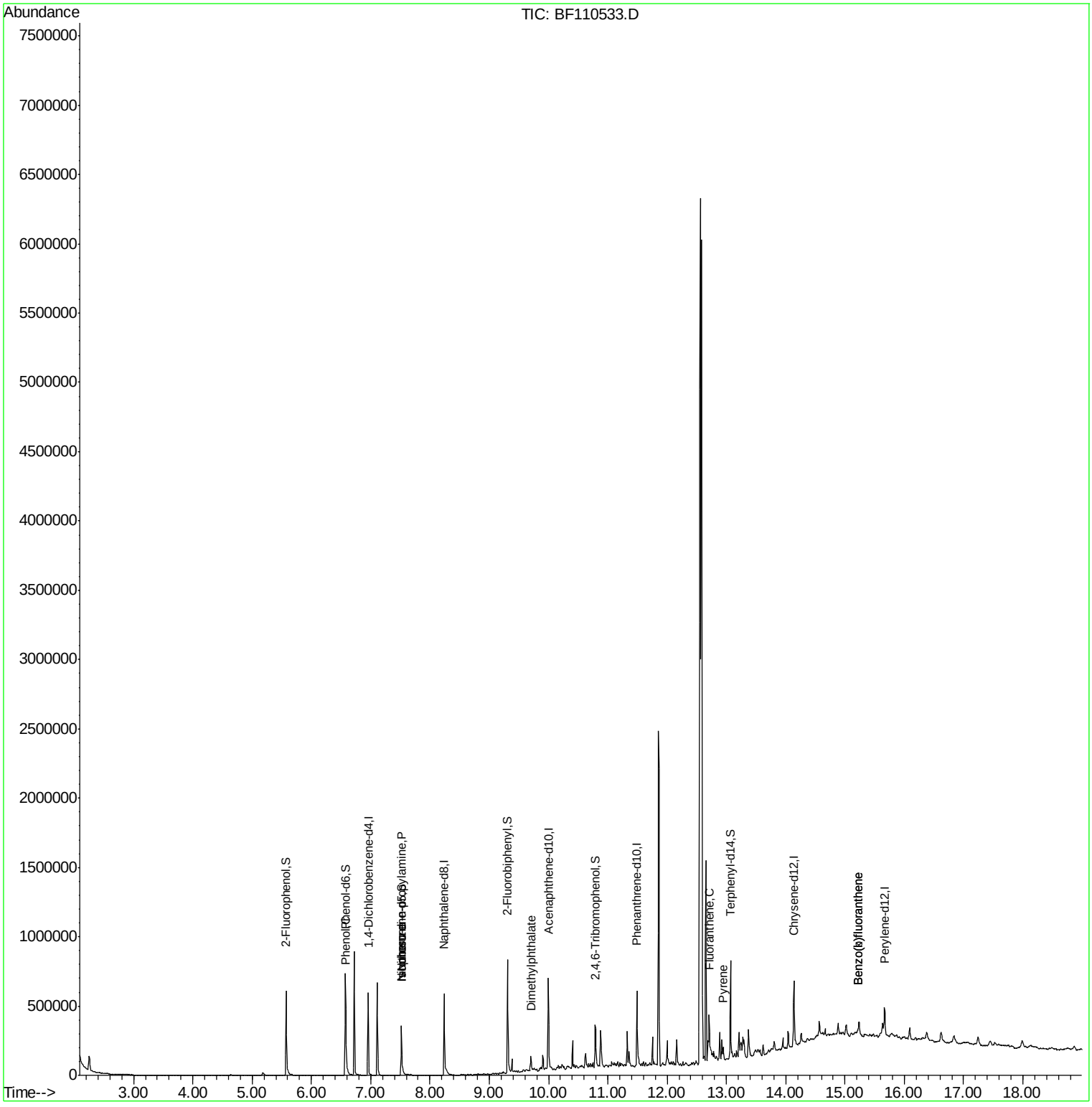
(#) = qualifier out of range (m) = manual integration (+) = signals summed

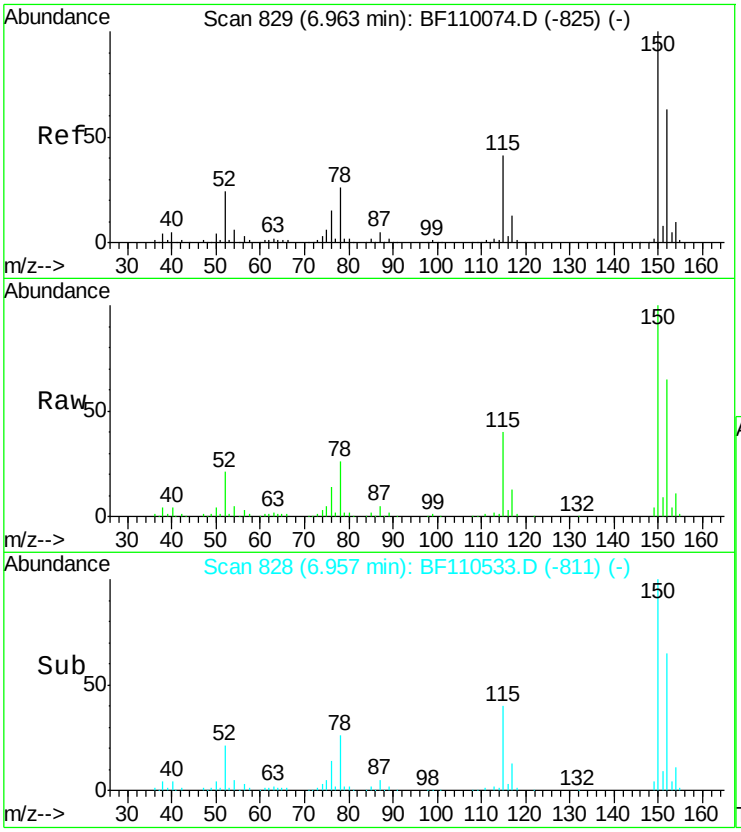
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110533.D
Acq On : 6 Nov 2018 23:28
Operator : JU/SJ
Sample : J5764-17 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:32 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



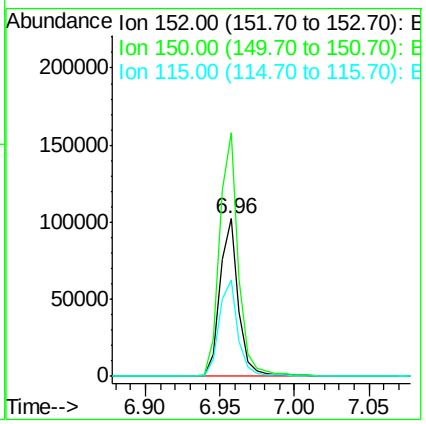


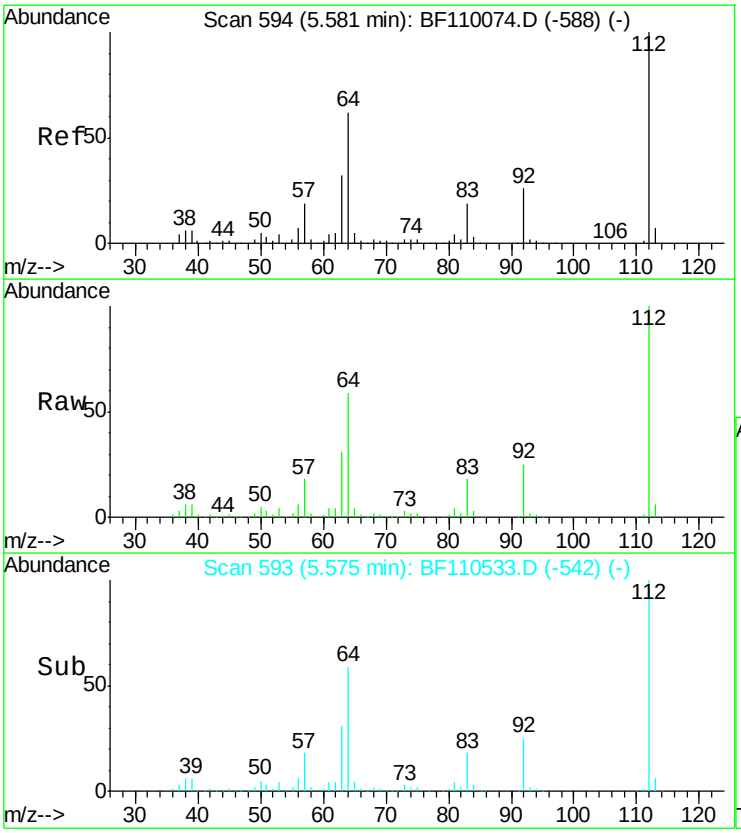
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 89910

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.7	184.1
115	61.0	49.1	73.7

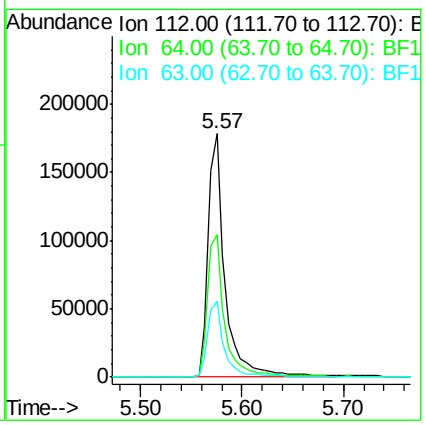


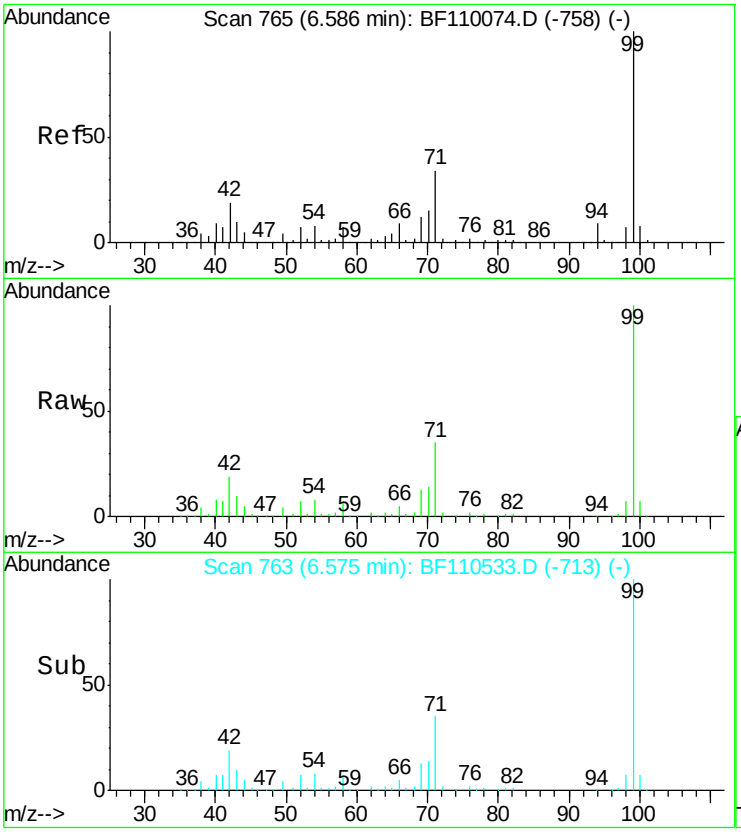


#5
2-Fluorophenol
Concen: 37.48 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:112 Resp: 206937

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.1	66.1
63	31.1	23.7	35.5



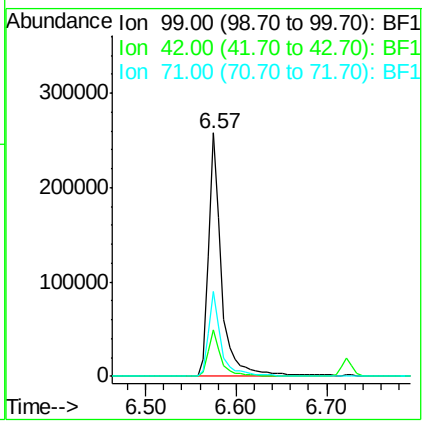


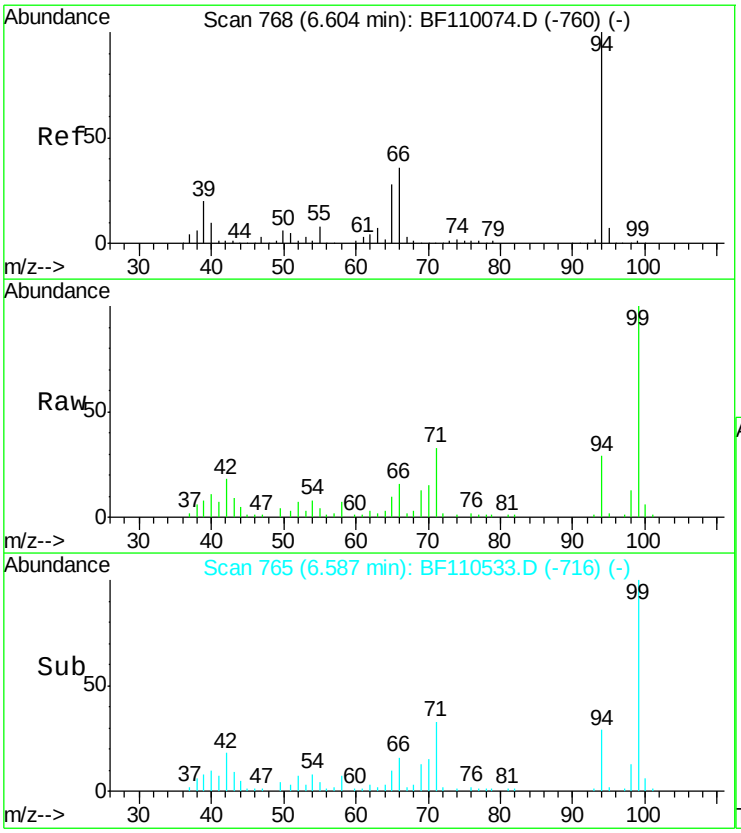
#7
Phenol-d6
Concen: 37.34 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 263685

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.7	28.0	42.0

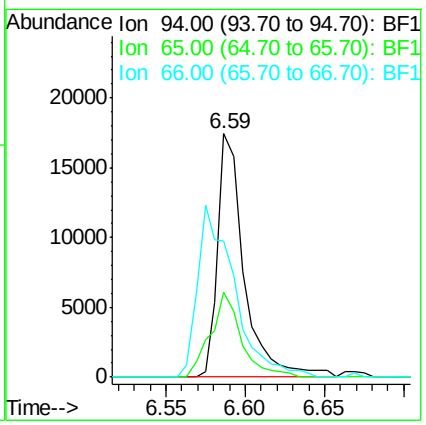


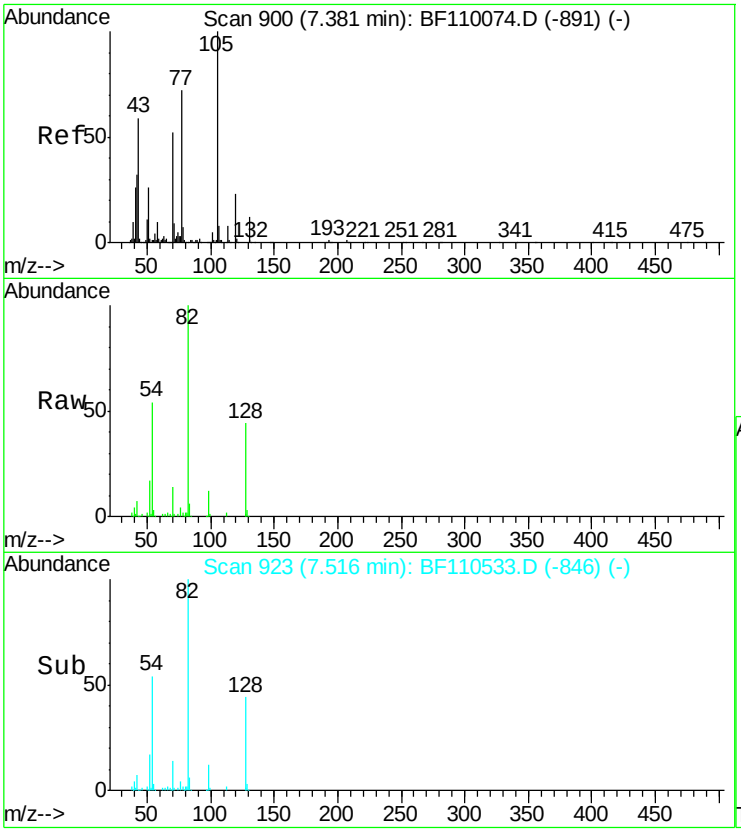


#10
Phenol
Concen: 2.68 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion: 94 Resp: 20238

Ion	Ratio	Lower	Upper
94	100		
65	34.6	25.3	65.3
66	55.7	54.5	94.5



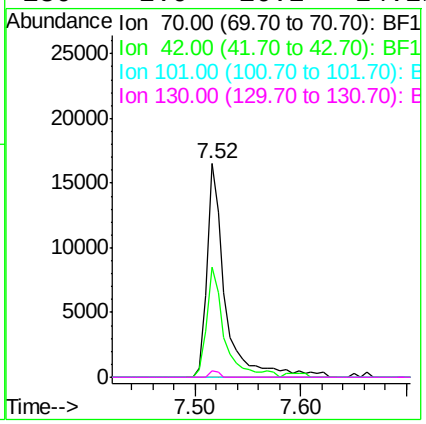


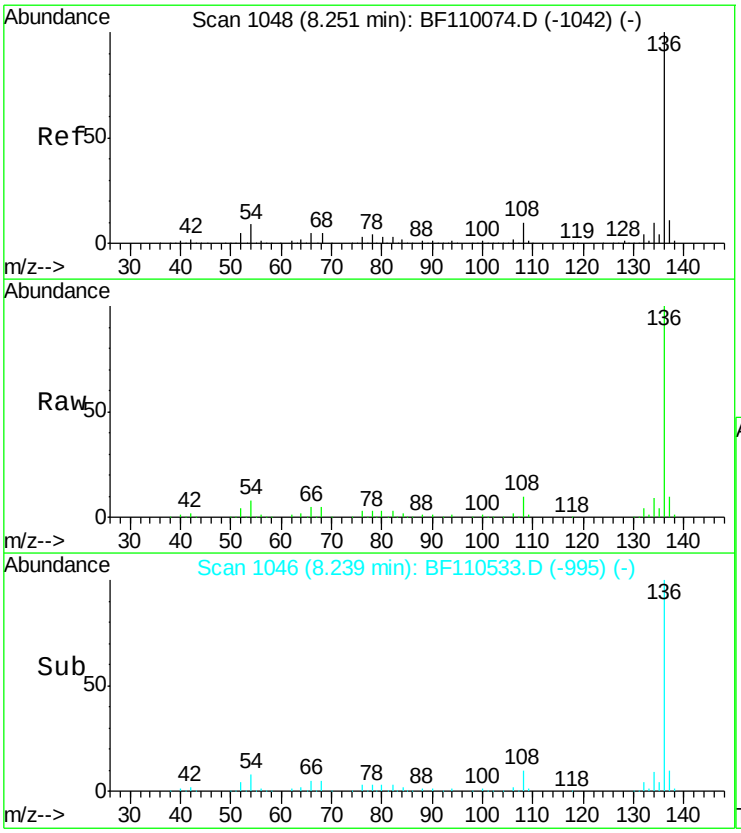
#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 19907

Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.9	16.2	24.2#

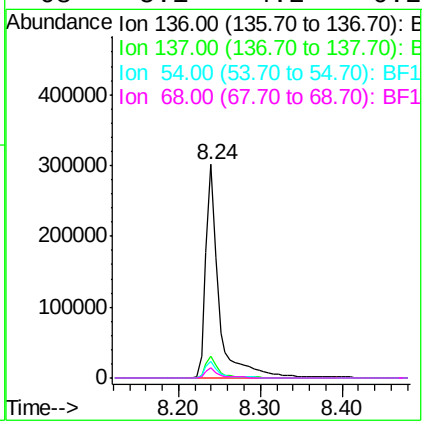


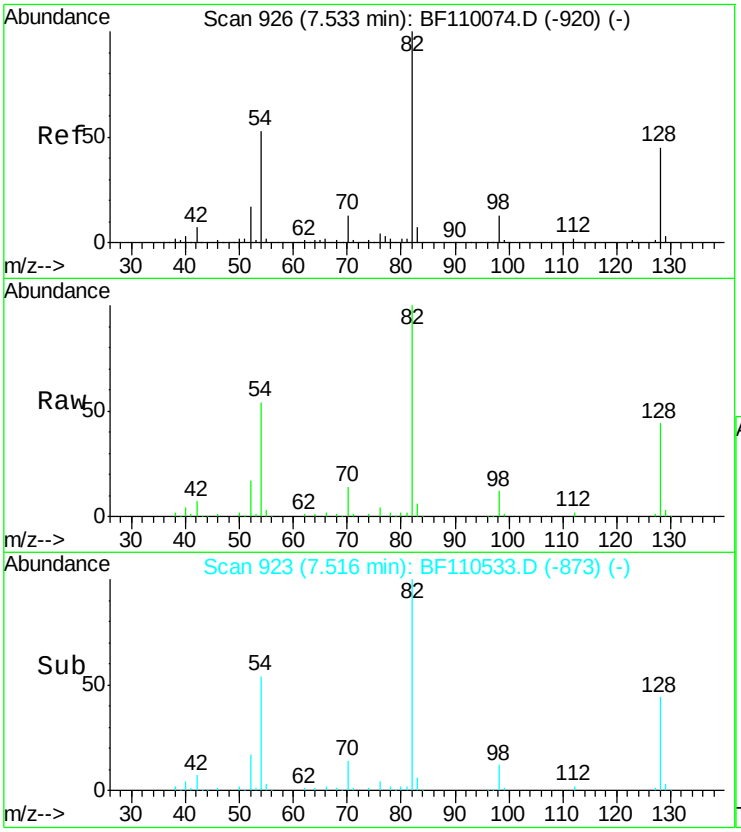


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:136 Resp: 338140

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.8	5.4	8.2
68	5.1	4.2	6.2



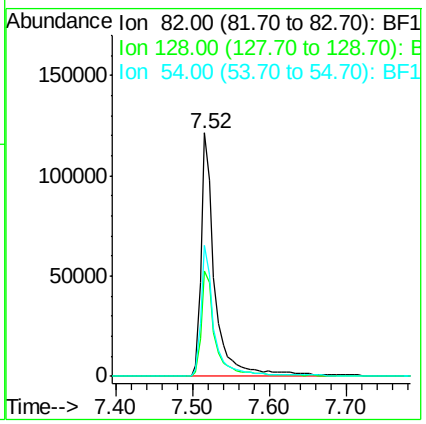


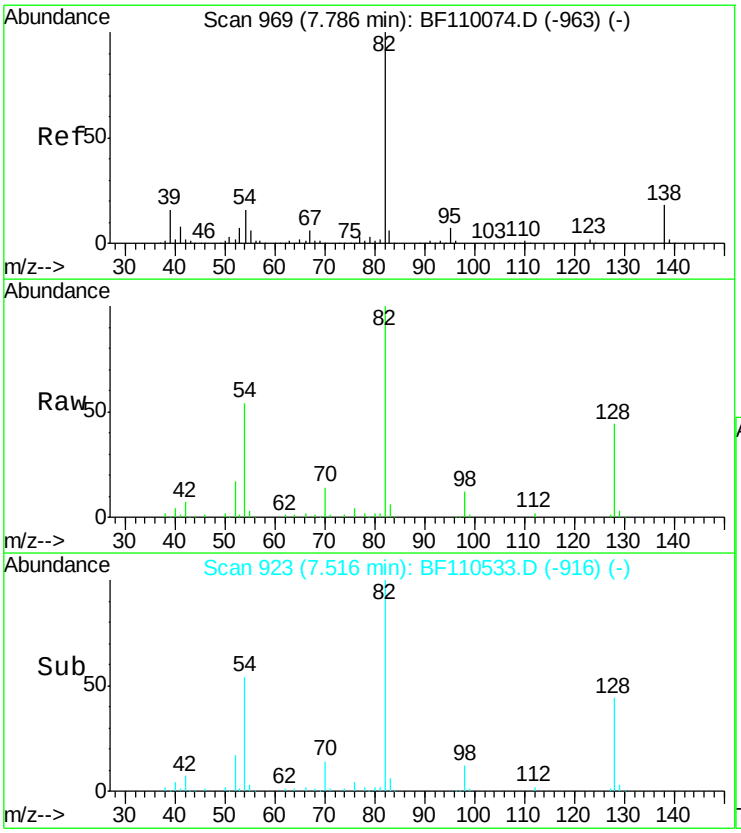
#23
Nitrobenzene-d5
Concen: 26.64 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 151872

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.2
54	53.7	38.6	58.0

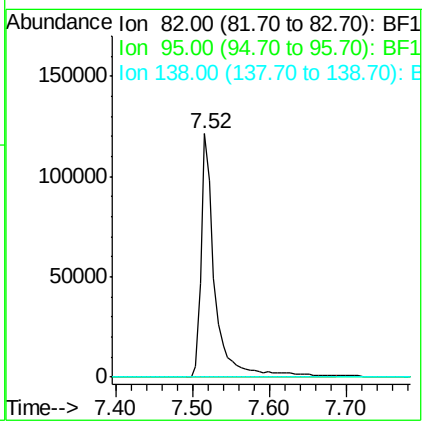


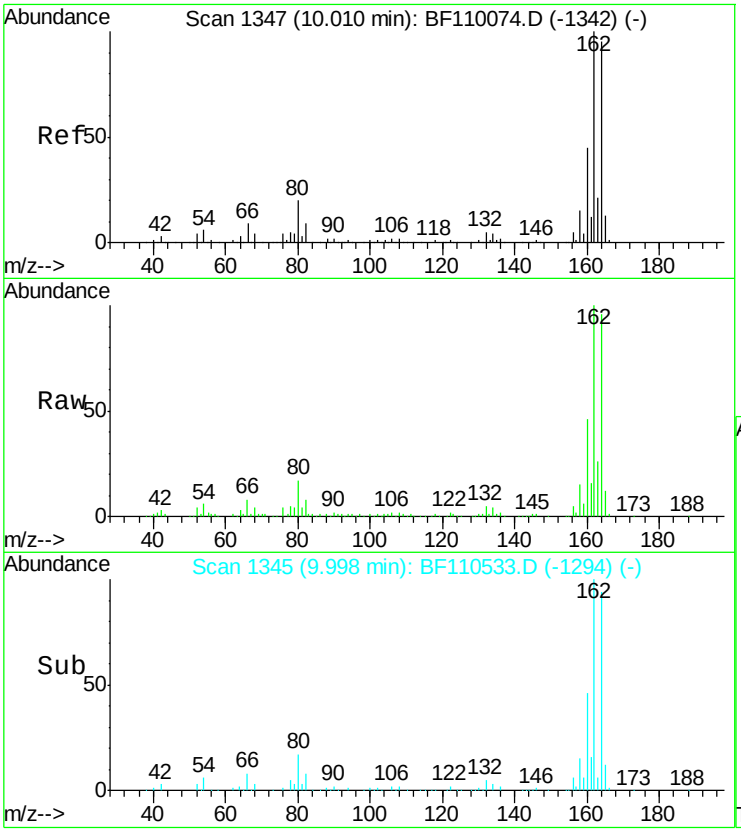


#25
Isophorone
Concen: 15.63 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion: 82 Resp: 151872

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



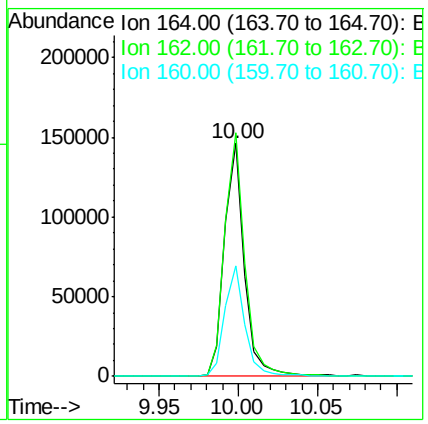


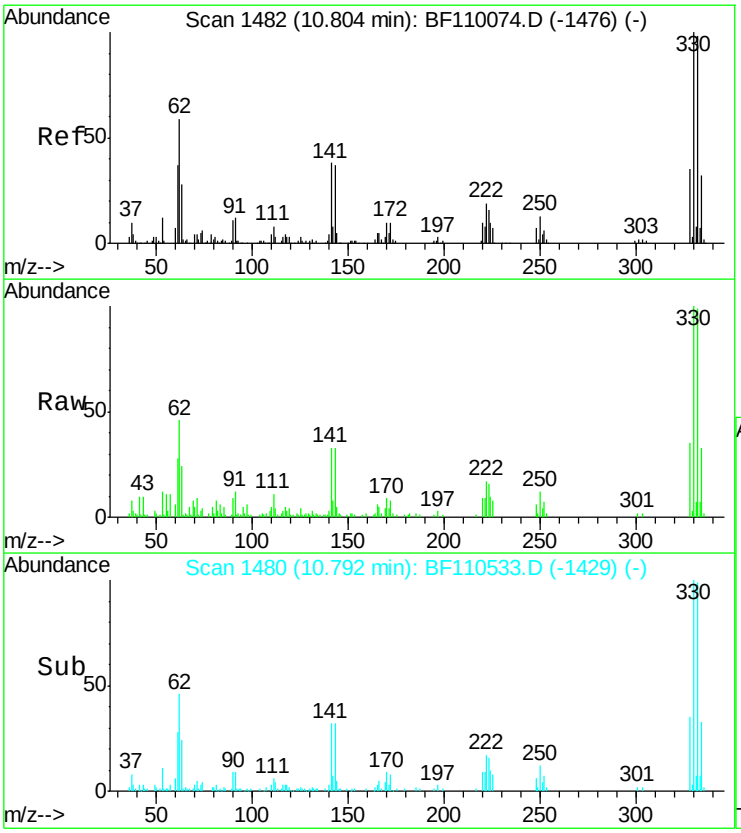
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 127680

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	47.7	37.0	55.6

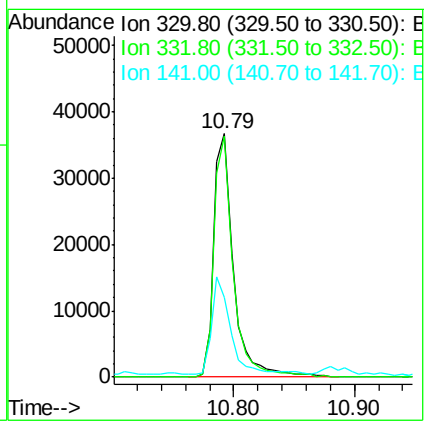


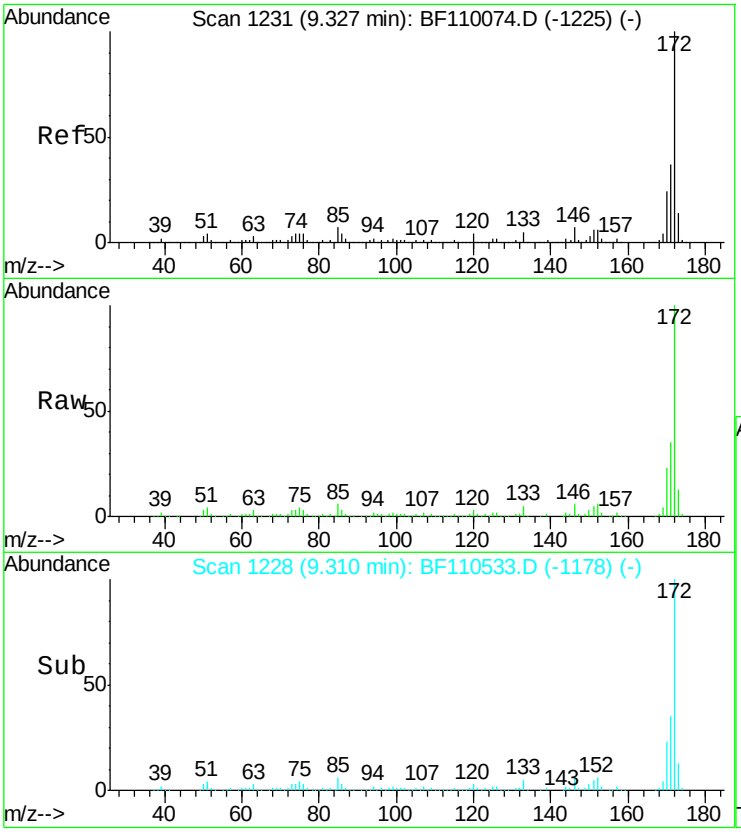


#42
2,4,6-Tribromophenol
Concen: 32.58 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:330 Resp: 41208

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.5	27.0	40.4



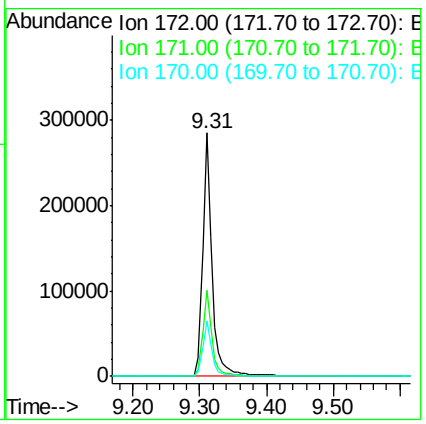


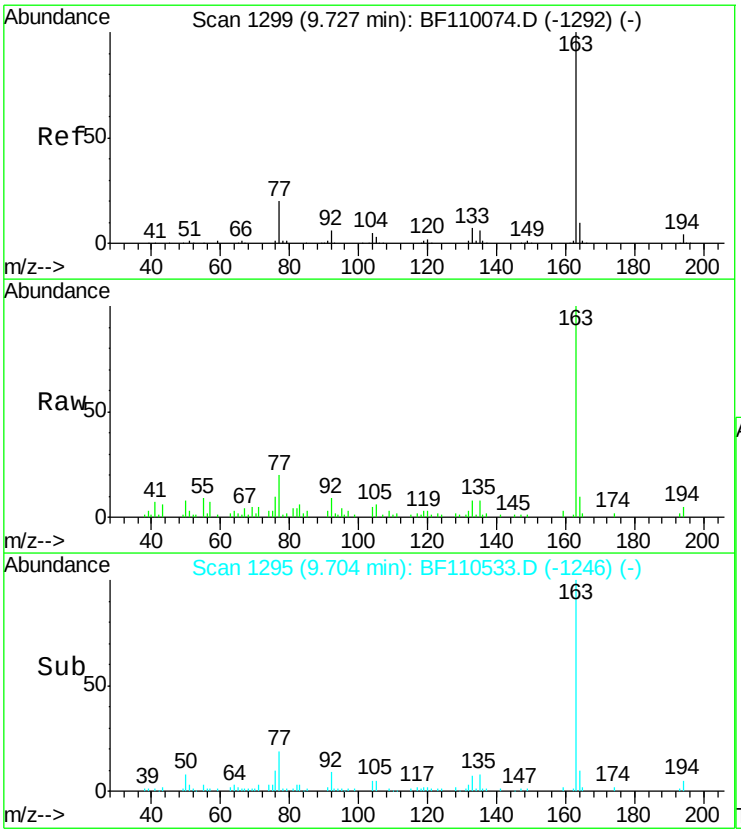
#45
2-Fluorobiphenyl
Concen: 34.00 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 276439

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.6	19.7	29.5

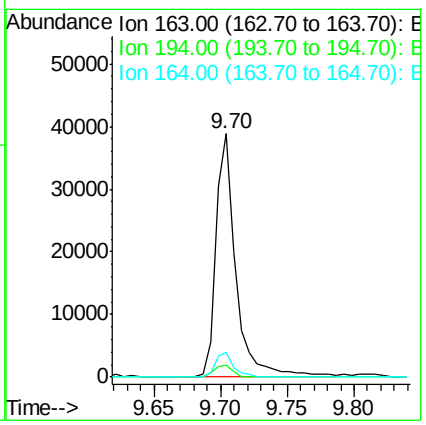


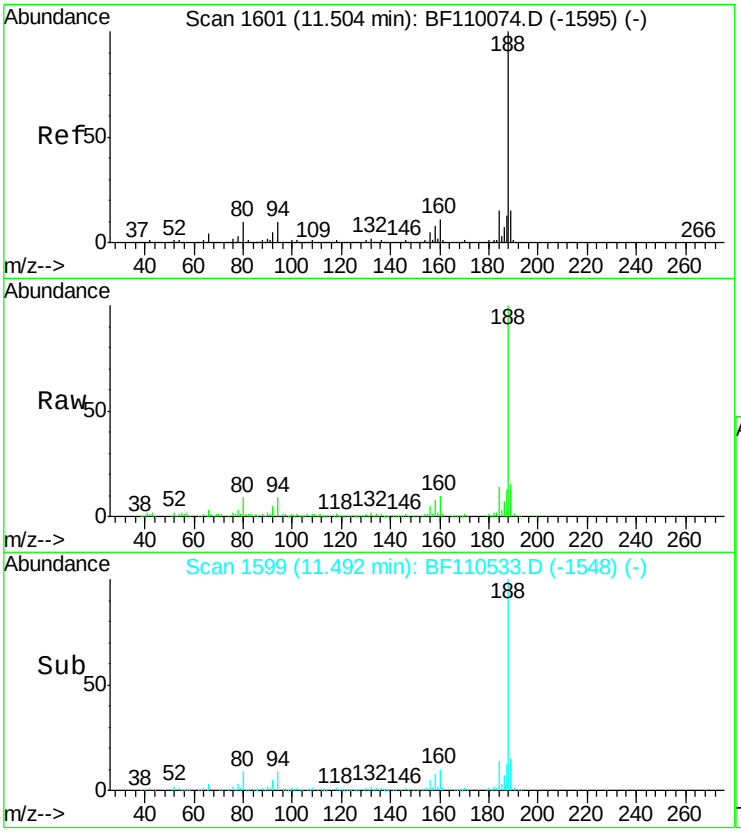


#50
Dimethylphthalate
Concen: 4.37 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:163 Resp: 41218

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.4	8.1	12.1



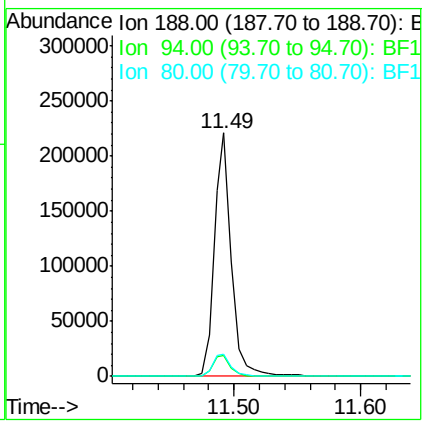


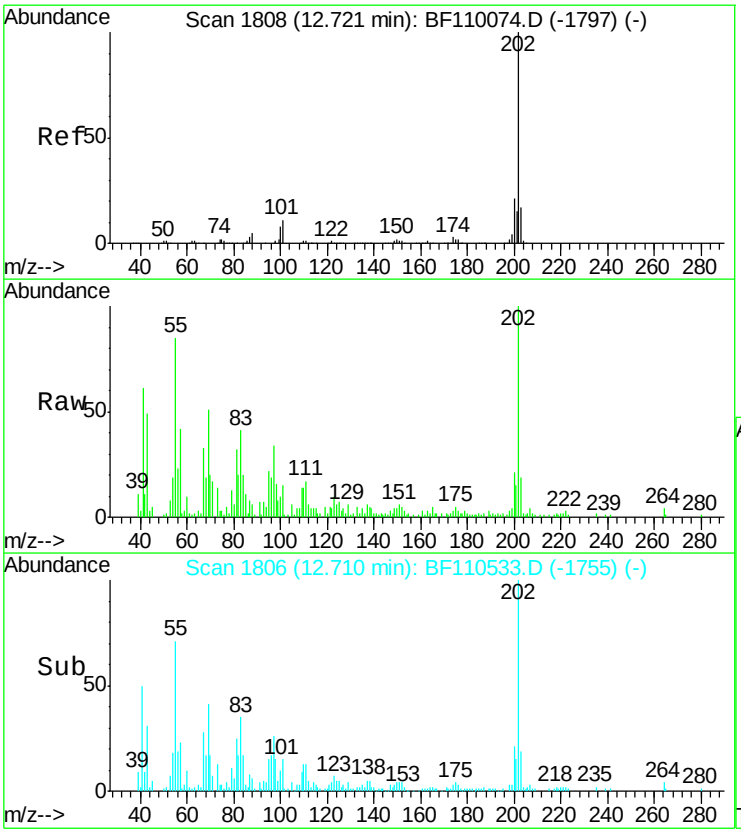
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 207975

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.9	7.9	11.9

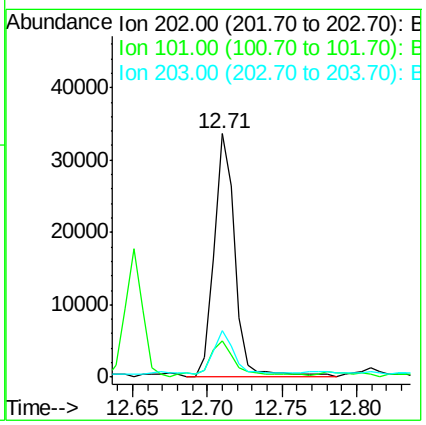


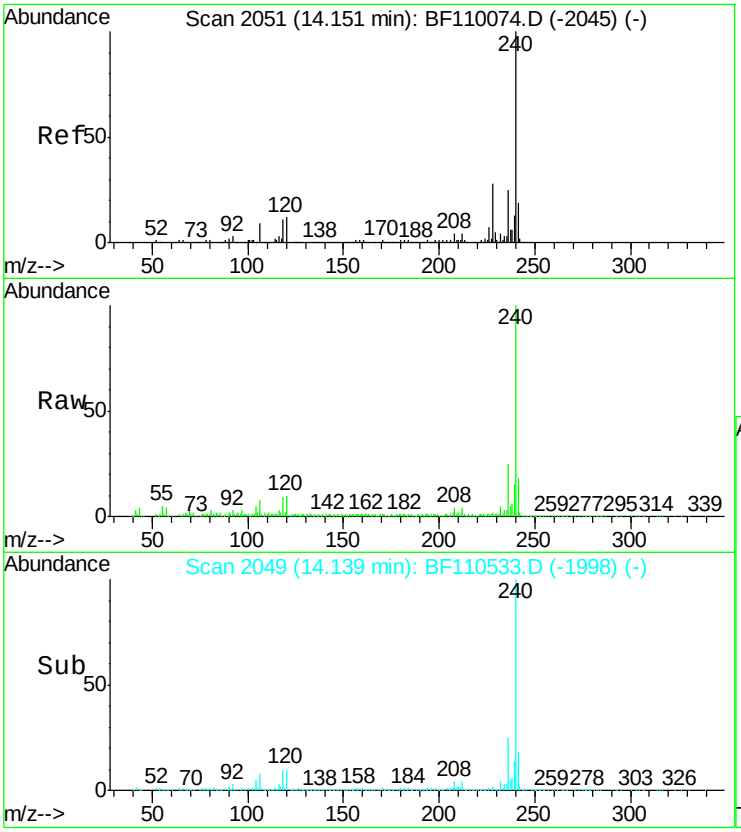


#75
Fluoranthene
Concen: 3.00 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:202 Resp: 33129

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	31.4
203	18.9	0.0	37.7



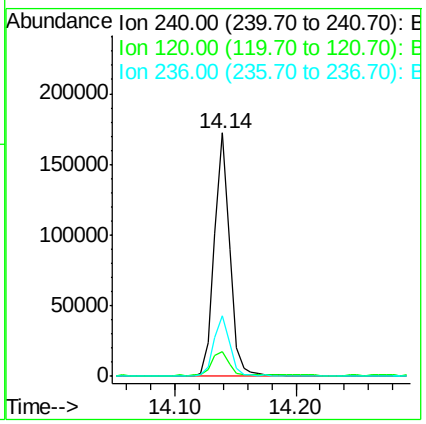


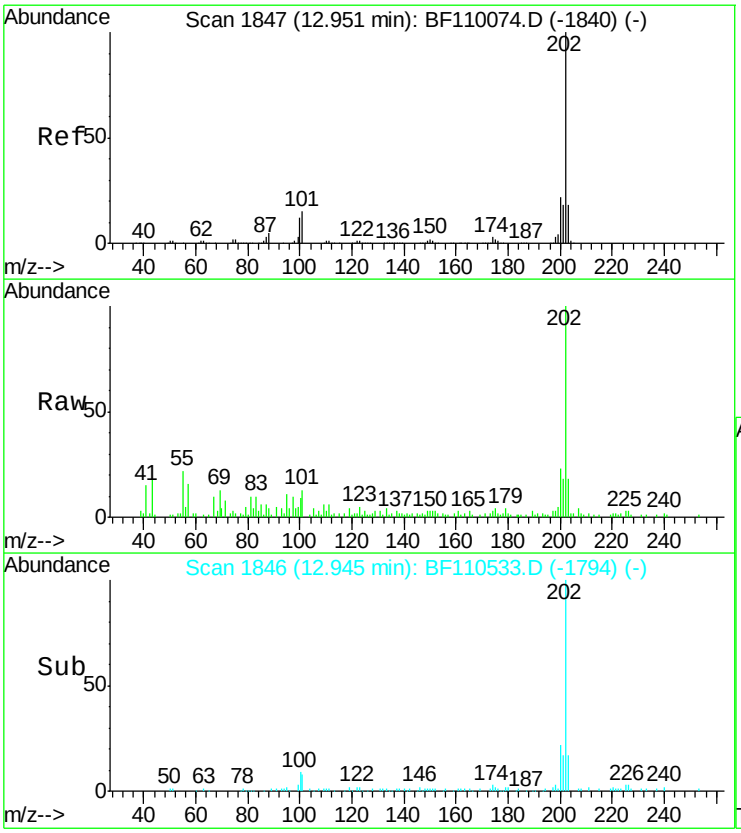
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 148646

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.1	21.2	31.8

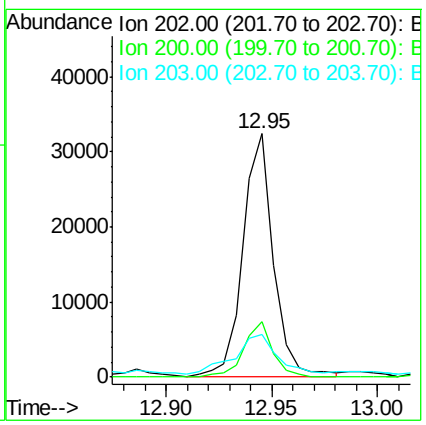


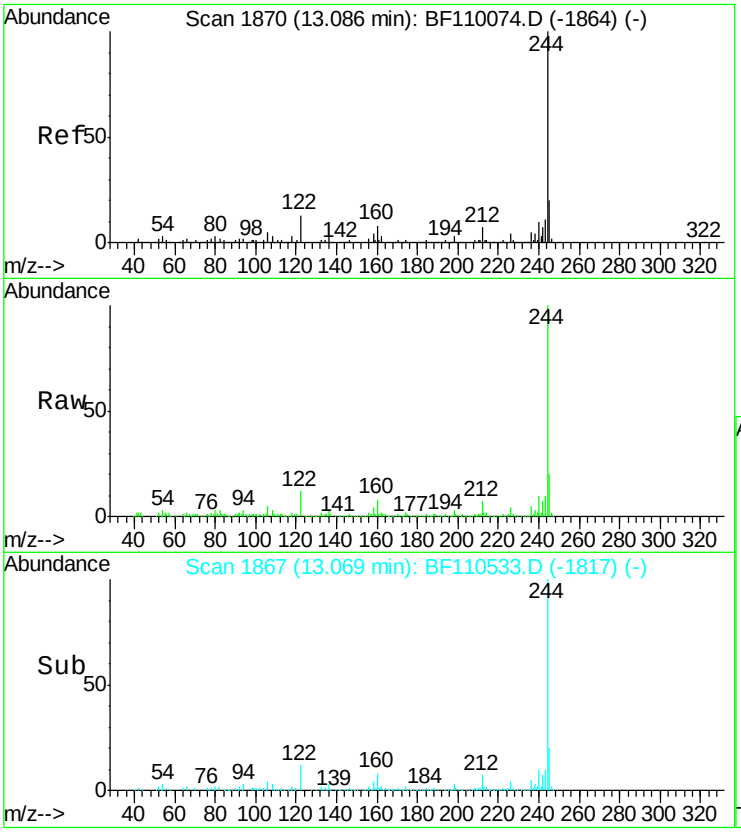


#78
Pyrene
Concen: 3.07 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:202 Resp: 32686

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.6
203	17.7	14.2	21.4



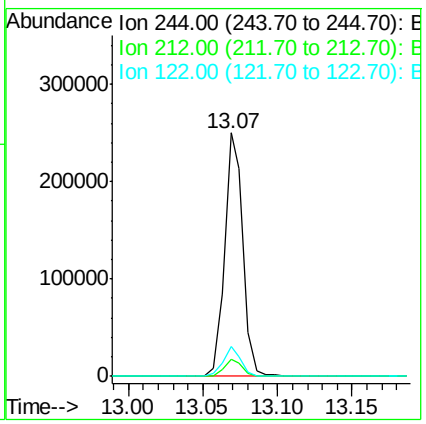


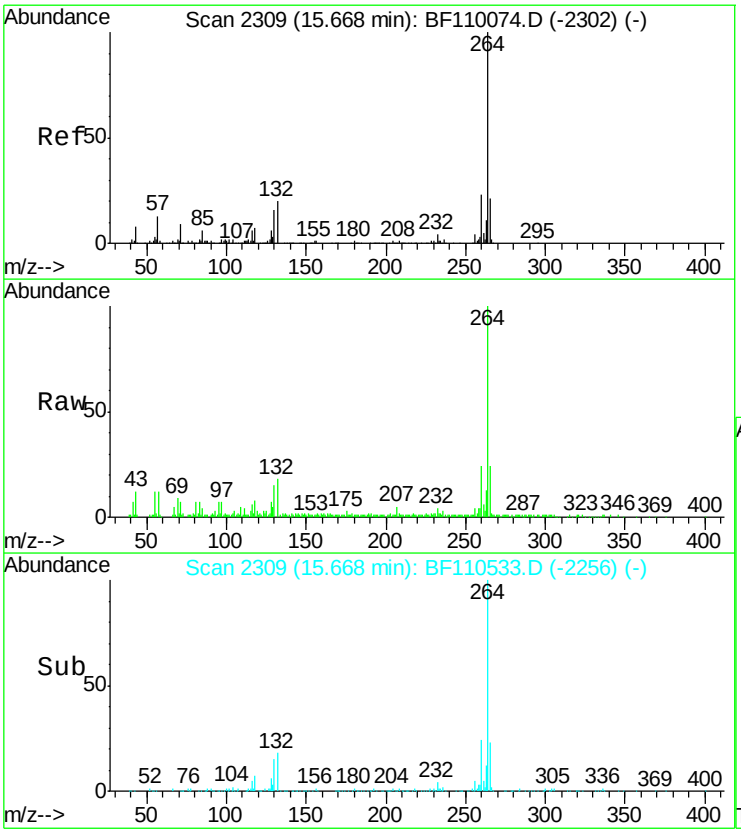
#79
Terphenyl-d14
Concen: 30.34 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 216862

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.4	8.7	13.1

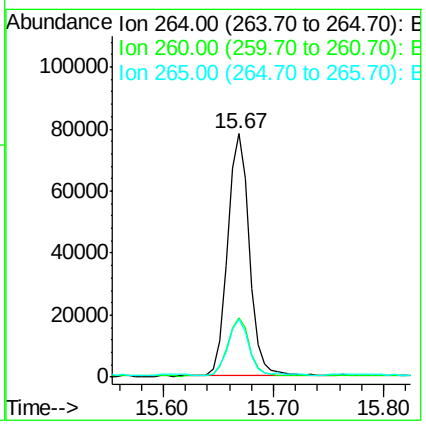


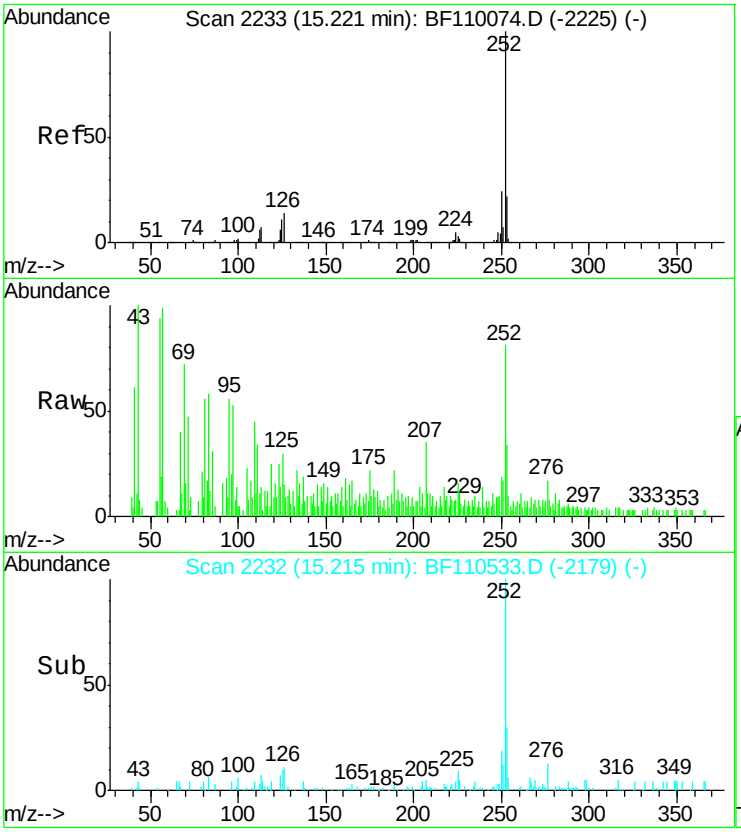


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:264 Resp: 108923

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	23.9	16.7	25.1



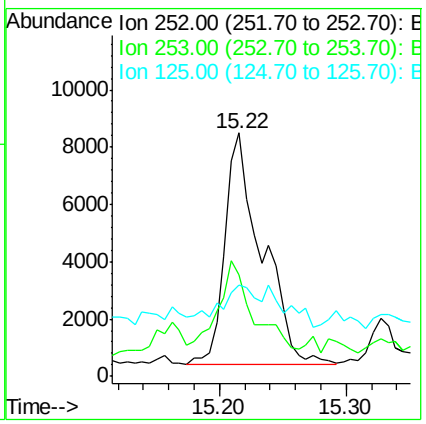


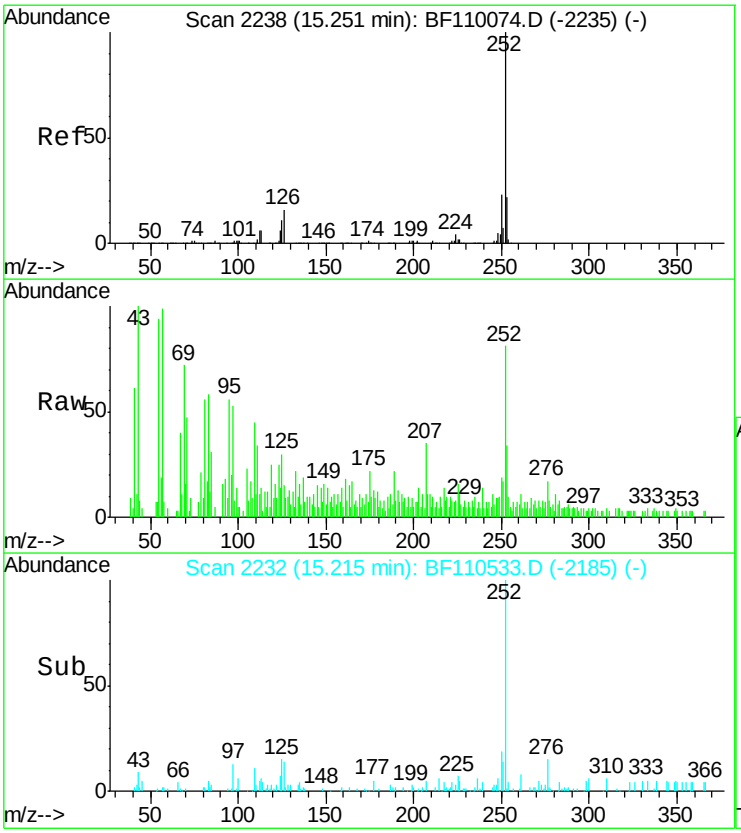
#88
Benzo(b)fluoranthene
Concen: 2.61 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 16390

Ion	Ratio	Lower	Upper
252	100		
253	41.8	17.2	25.8#
125	37.4	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:252 Resp: 16390

Ion	Ratio	Lower	Upper
252	100		
253	41.8	17.2	25.8#
125	37.4	7.4	11.0#