Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110526.D
Acq On : 6 Nov 2018 20:19
Operator : JU/SJ
Sample : J5827-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 07 08:45:07 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	94324	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	394448	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	171921	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	254992	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183184	20.00	ng	0.00
87) Perylene-d12	15.66	264	155037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	510707	88.17	ng	0.00
7) Phenol-d6	6.58	99	656556	88.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	410259	61.69	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	122641	72.02	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	765611	69.93	ng	0.00
79) Terphenyl-d14	13.07	244	462673	52.53	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	1294	Below Cal	#	1
10) Phenol	6.59	94	44604	5.63	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	54564	11.48	ng	# 79
25) Isophorone	7.52	82	410259	36.19	ng	# 67
50) Dimethylphthalate	9.70	163	144465	11.38	ng	99
57) 2,4-Dinitrotoluene	9.99	165	22172	6.39	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	7272	2.63	ng	# 1
88) Benzo(b)fluoranthene	15.21	252	18831	2.10	ng	# 84
89) Benzo(k)fluoranthene	15.21	252	18831	2.14	ng	# 83

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

Quantitation Report (Not Reviewed)

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Data File : BF110526.D
Acq On : 6 Nov 2018 20:19
Operator : JU/SJ
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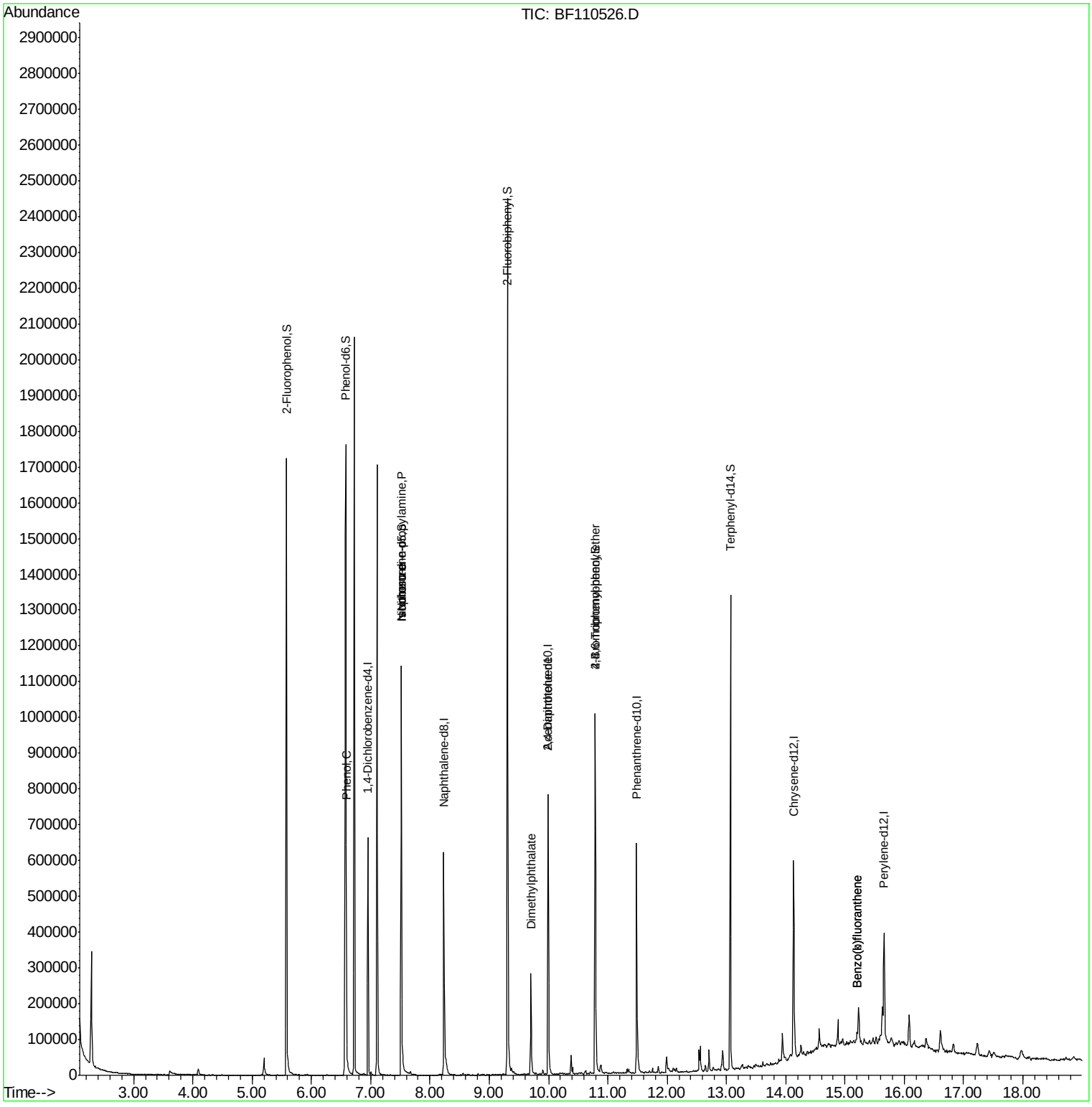
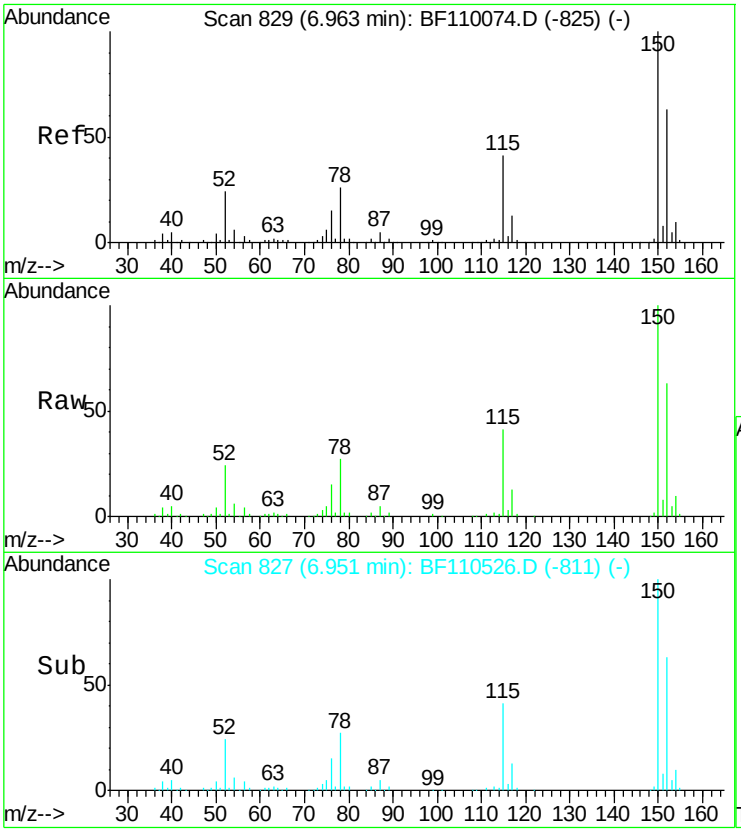
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:45:07 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



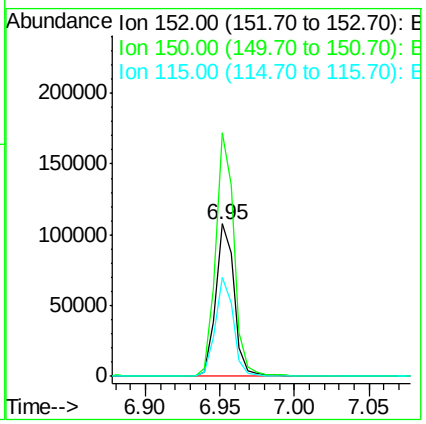


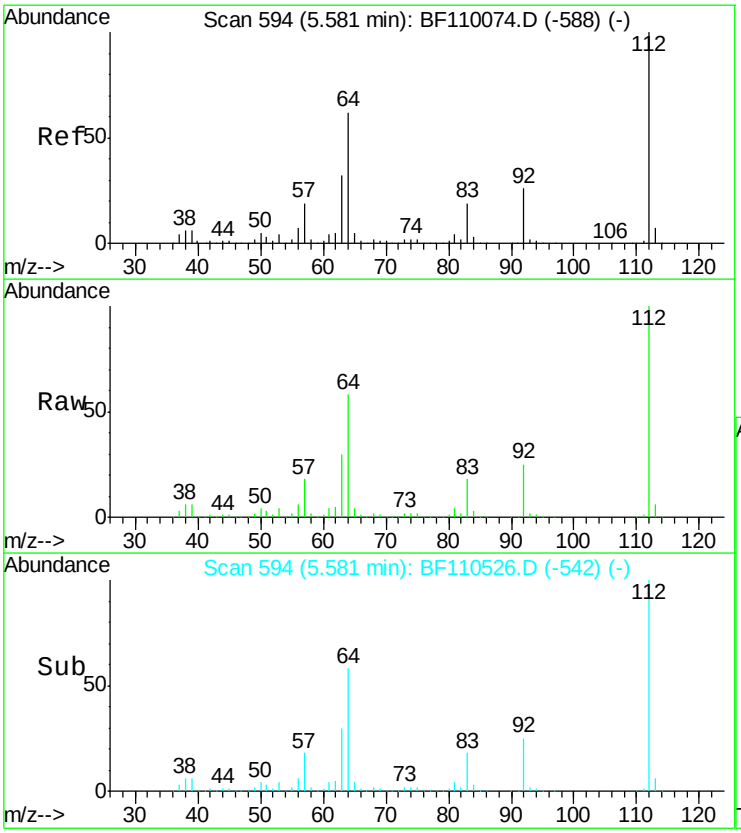
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94324

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	64.9	49.1	73.7

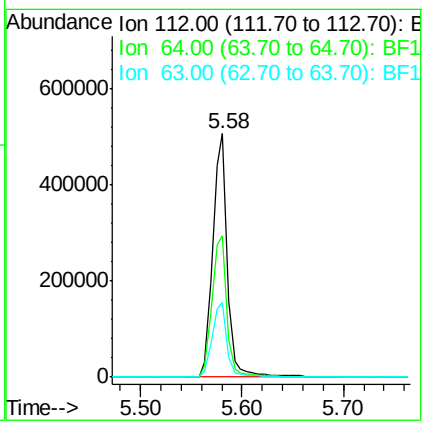


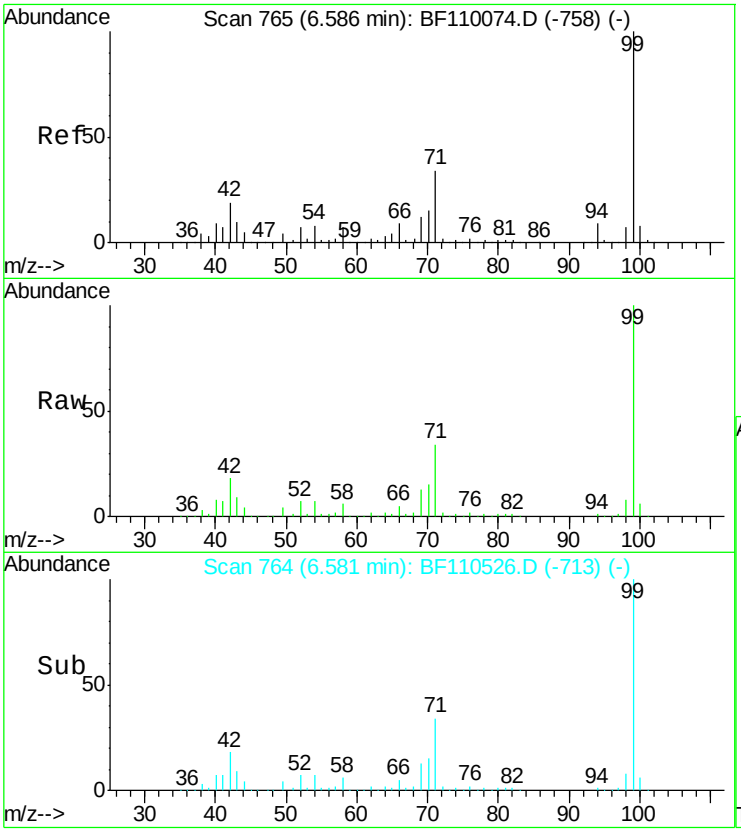


#5
2-Fluorophenol
Concen: 88.17 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:112 Resp: 510707

Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	30.5	23.7	35.5



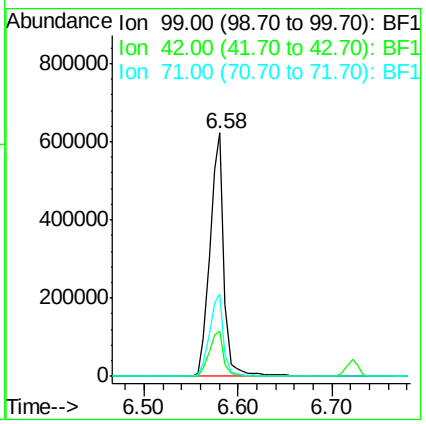


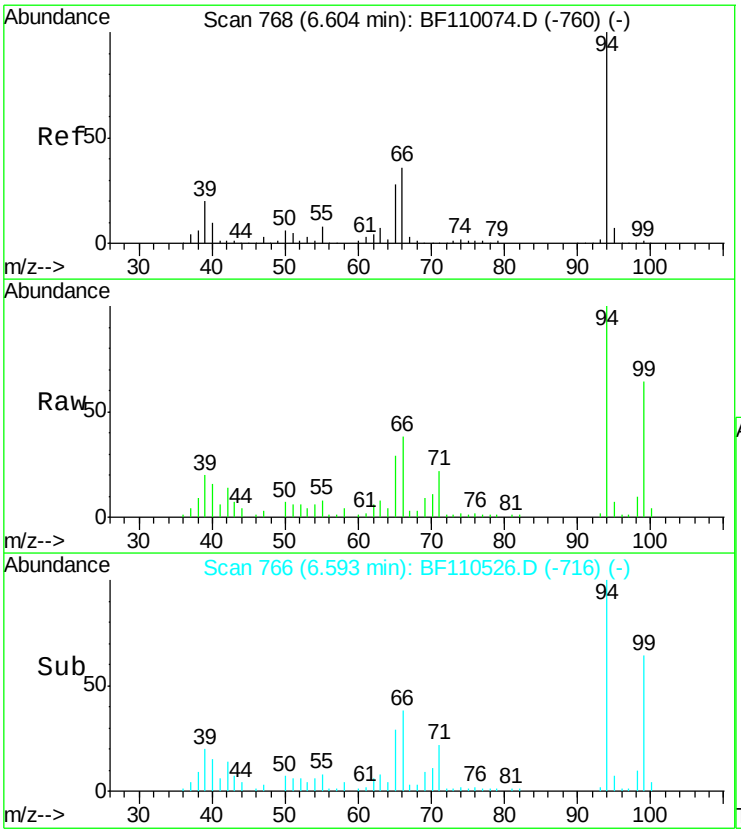
#7
Phenol-d6
Concen: 88.62 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 656556

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	34.0	28.0	42.0

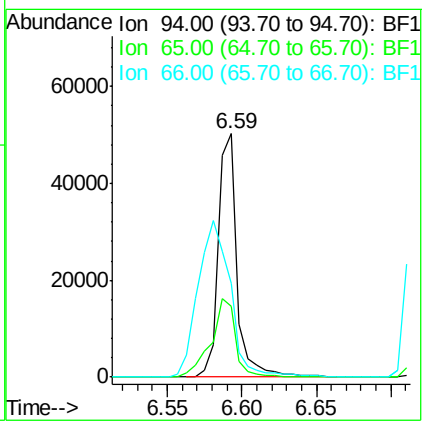


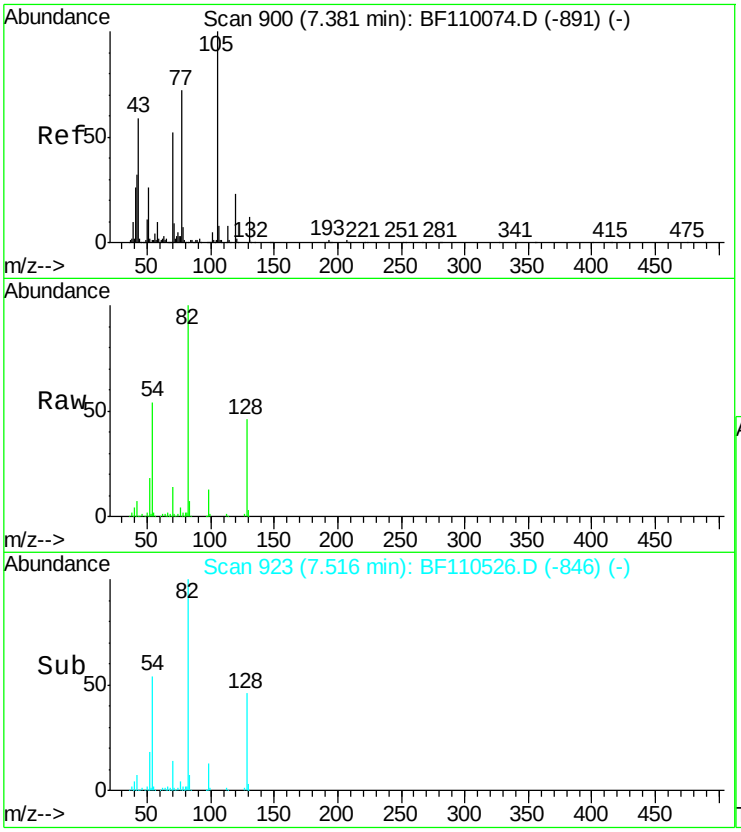


#10
Phenol
Concen: 5.63 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion: 94 Resp: 44604

Ion	Ratio	Lower	Upper
94	100		
65	29.0	25.3	65.3
66	38.4	54.5	94.5#



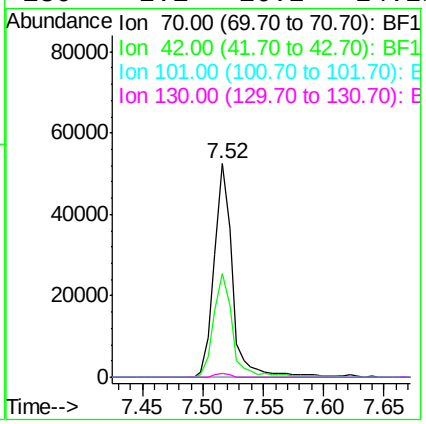


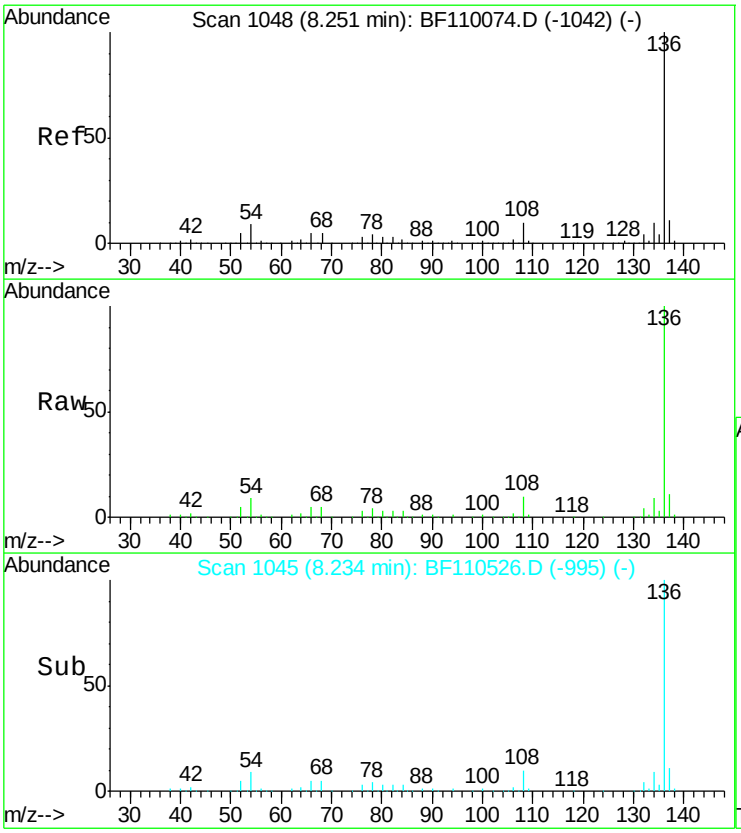
#19
n-Nitroso-di-n-propylamine
Concen: 11.48 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 54564

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

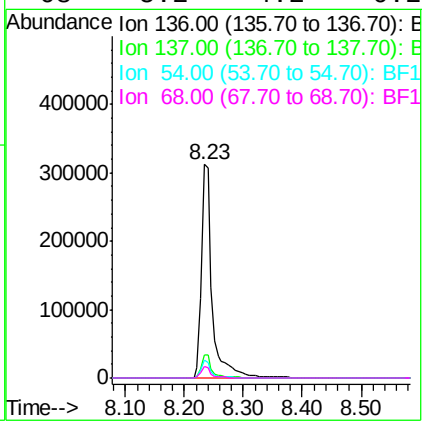


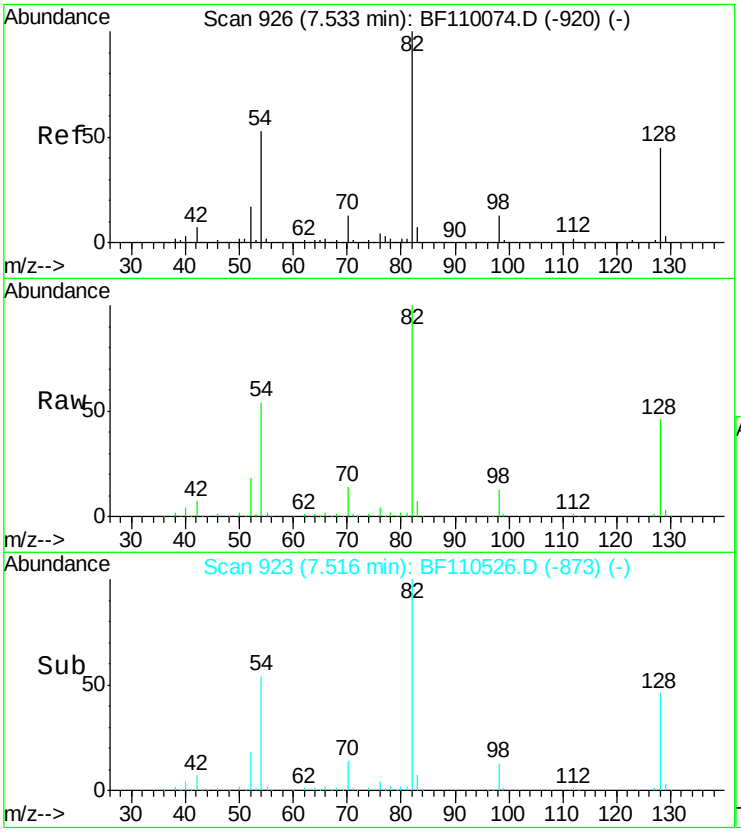


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:136 Resp: 394448

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	5.4	8.2#
68	5.2	4.2	6.2



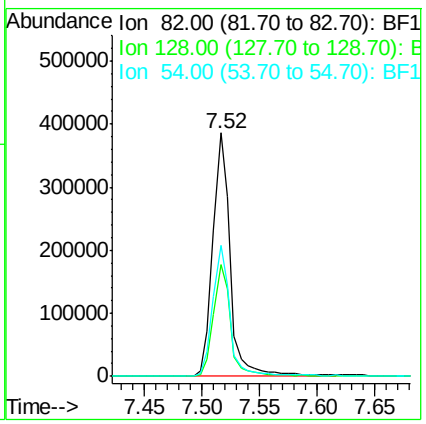


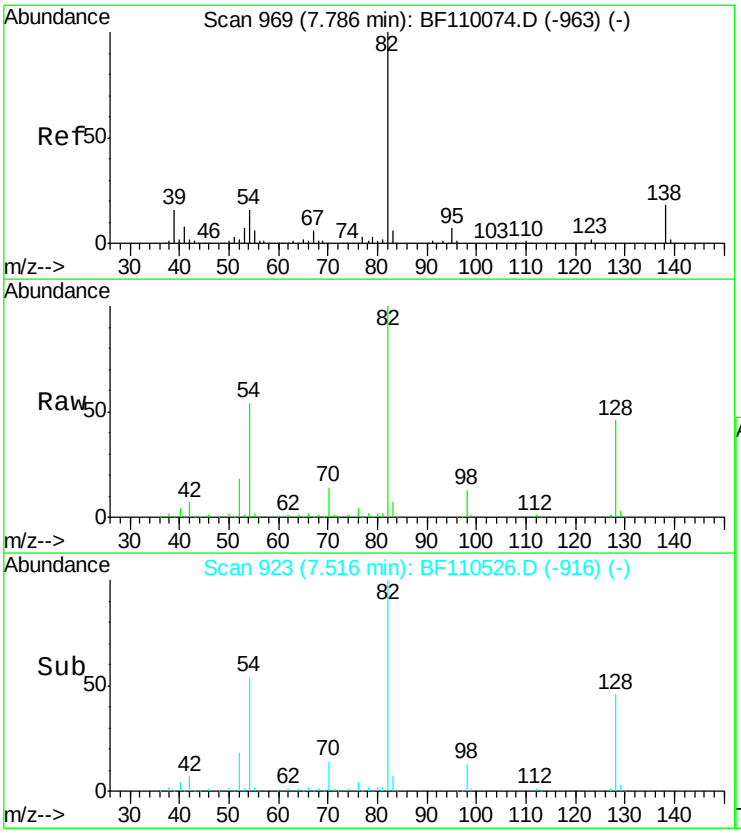
#23
Nitrobenzene-d5
Concen: 61.69 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 410259

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.2	51.2
54	53.7	38.6	58.0

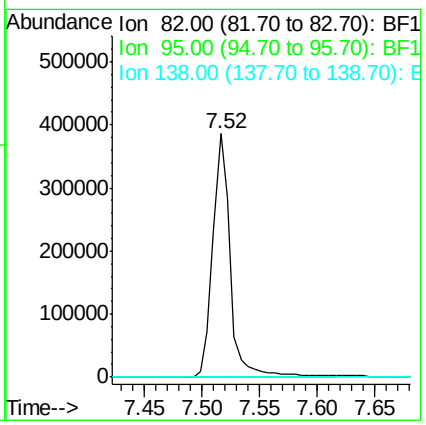


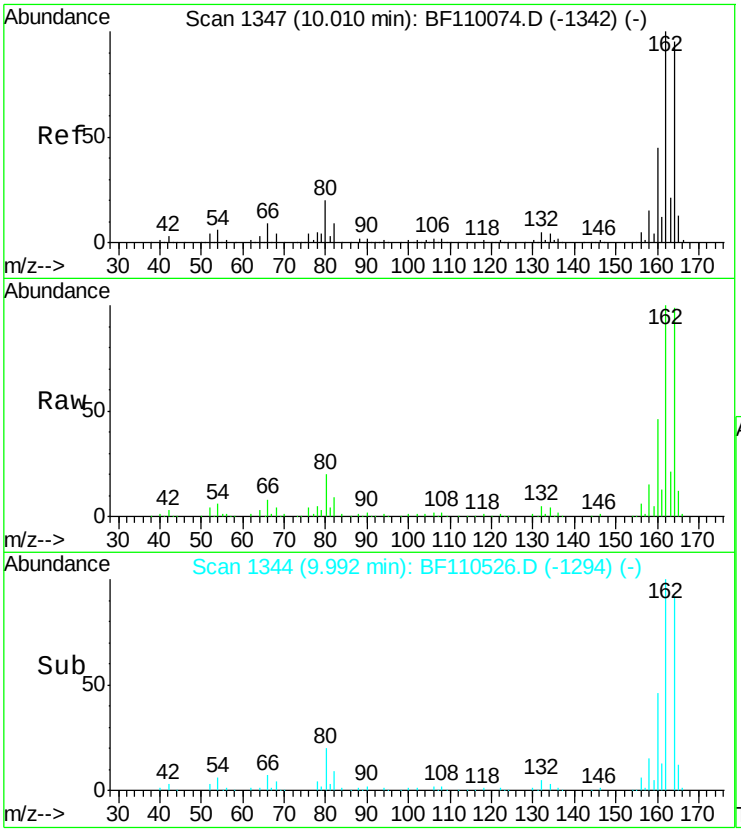


#25
Isophorone
Concen: 36.19 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion: 82 Resp: 410259

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



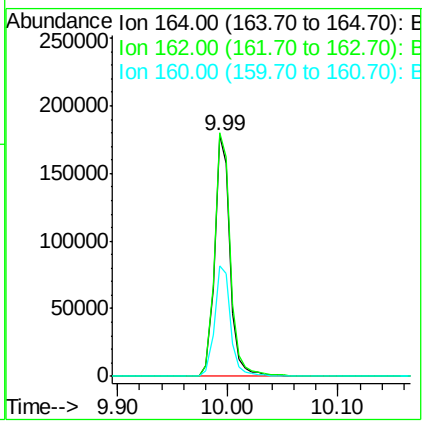


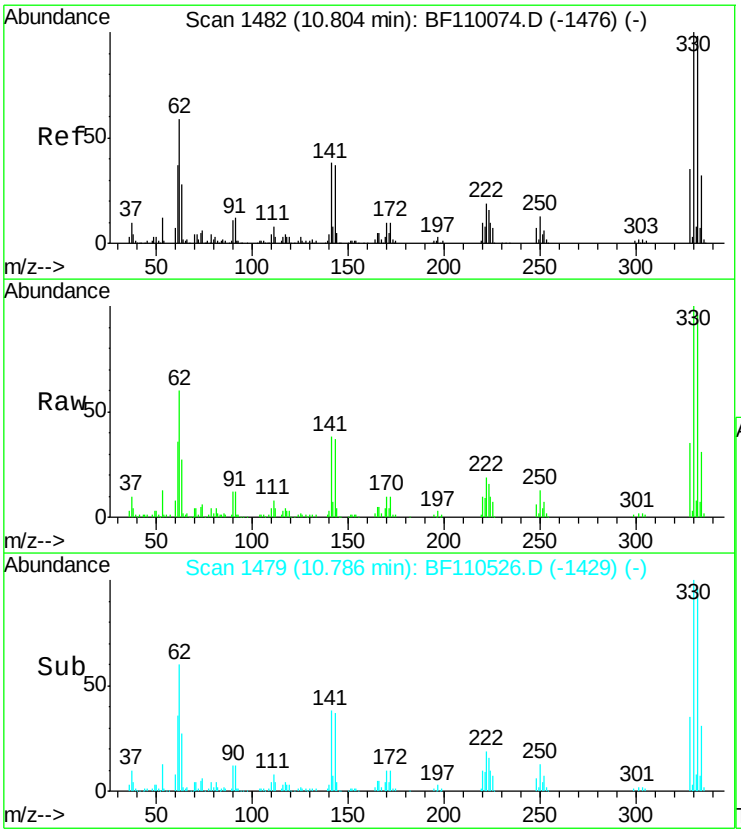
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 171921

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	46.1	37.0	55.6

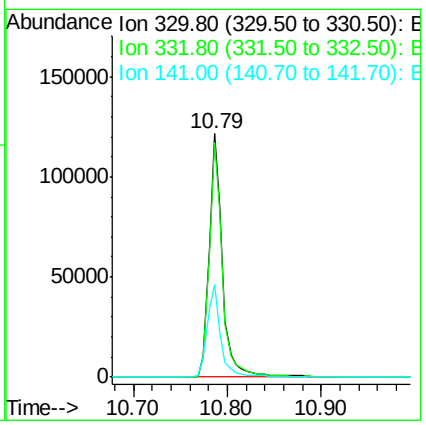


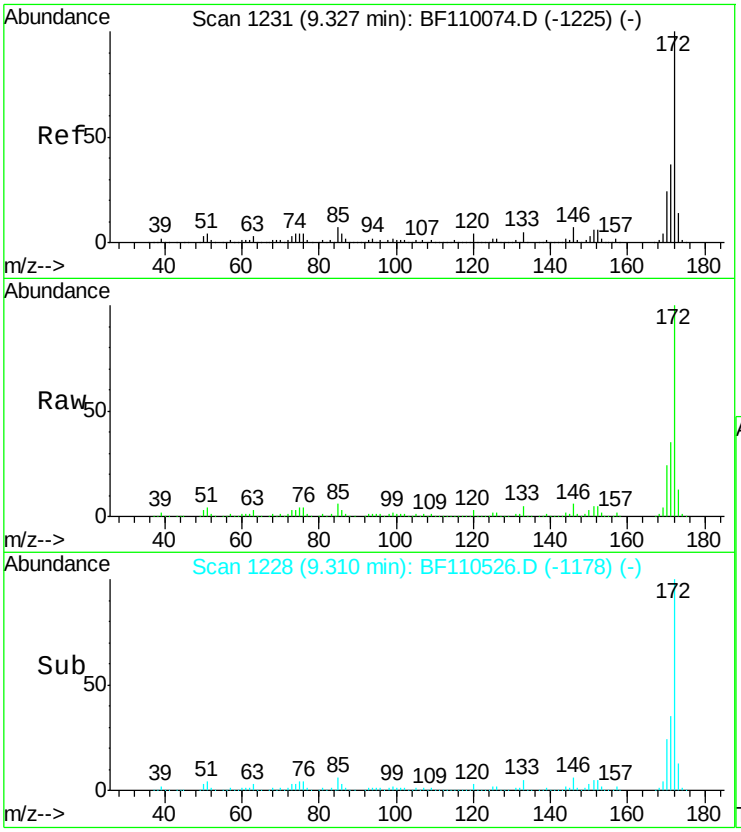


#42
2,4,6-Tribromophenol
Concen: 72.02 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:330 Resp: 122641

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.5	27.0	40.4

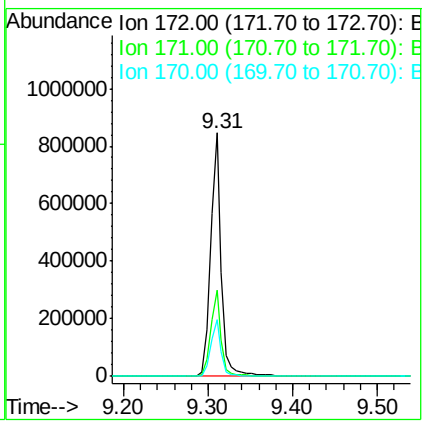




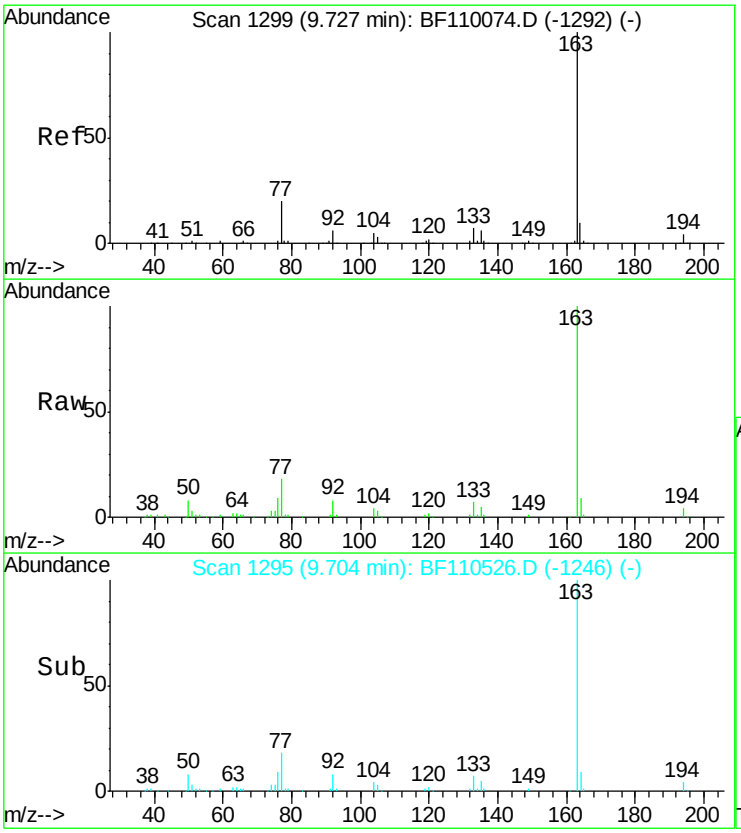
#45
2-Fluorobiphenyl
Concen: 69.93 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:172 Resp: 765611

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.7	29.5



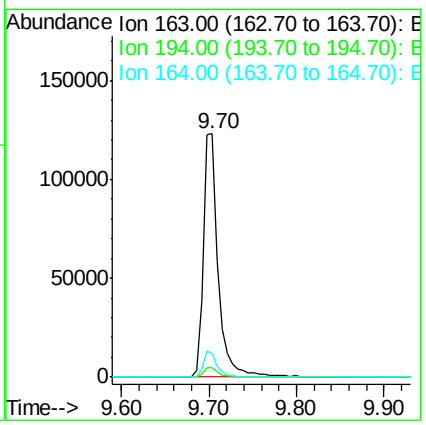
Instrument :
BNA_F
ClientSampleId :

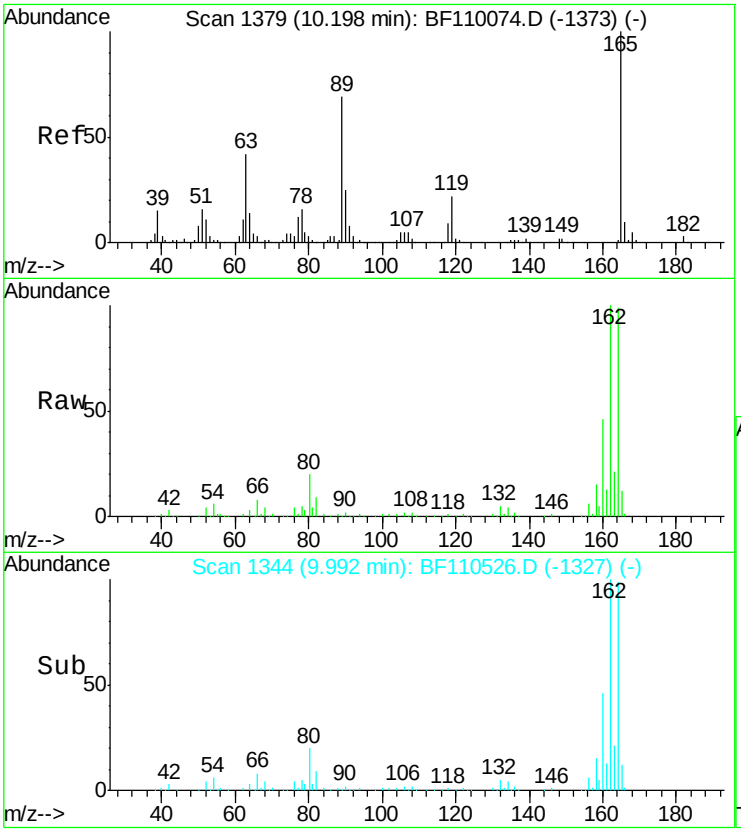


#50
Dimethylphthalate
Concen: 11.38 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:163 Resp: 144465

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.4	8.1	12.1



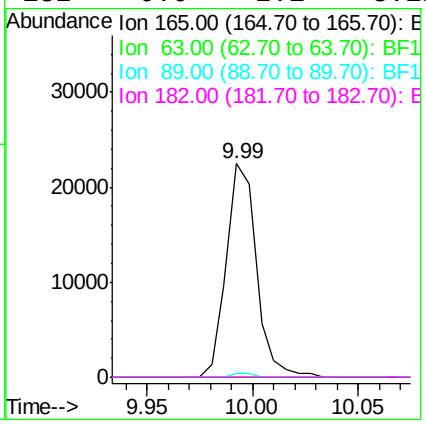


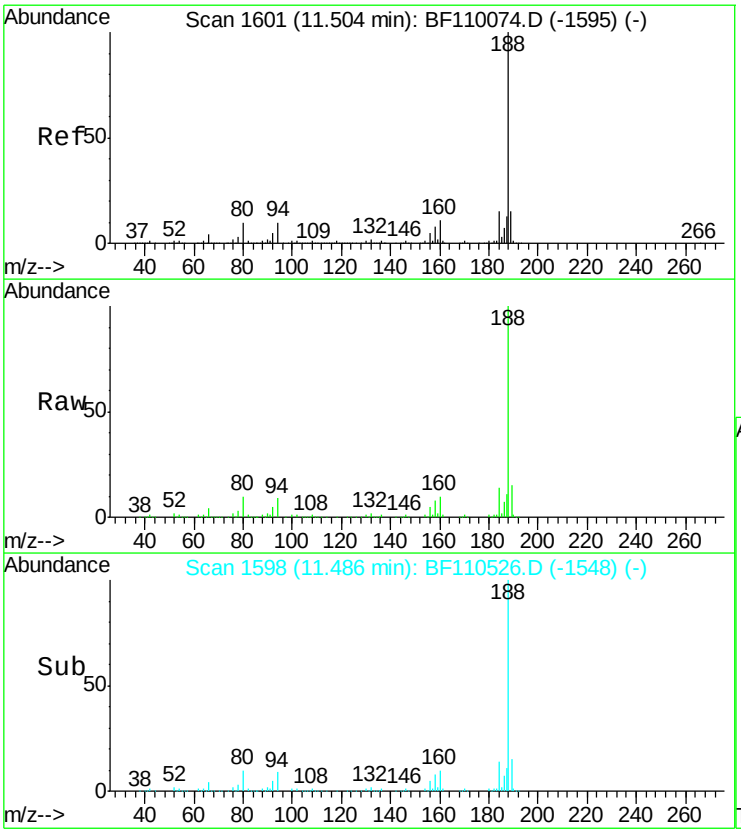
#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22172

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

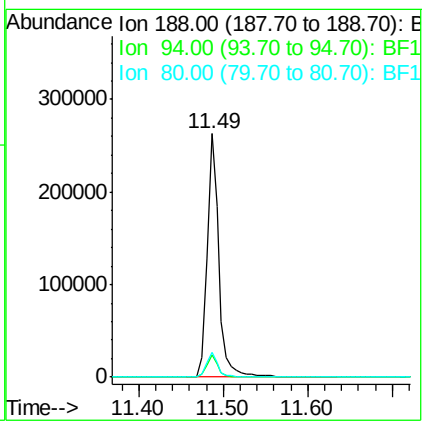


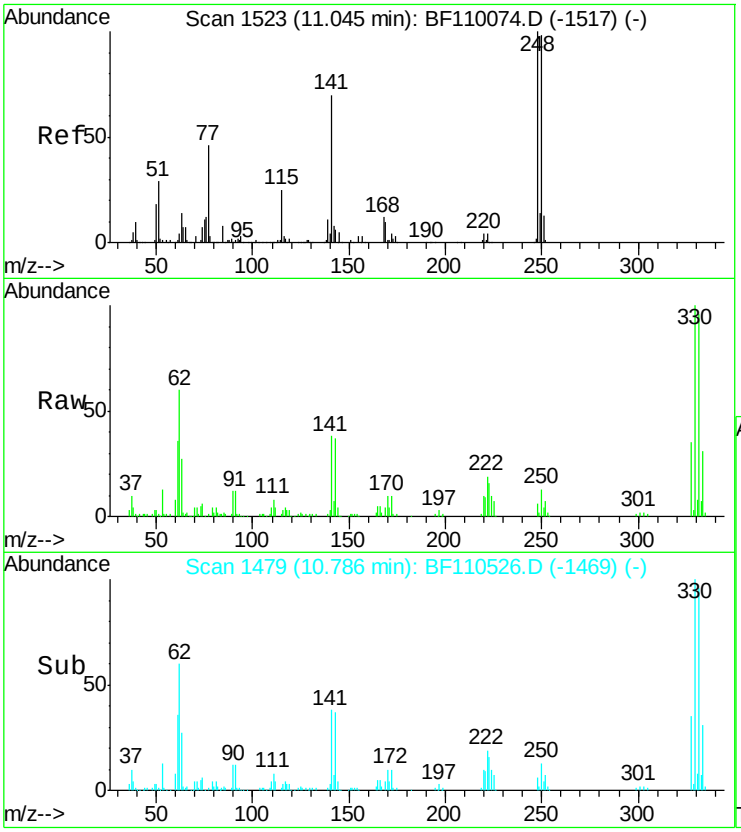


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:188 Resp: 254992

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.1	7.9	11.9



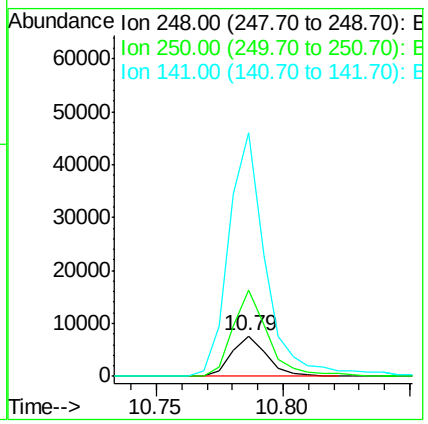


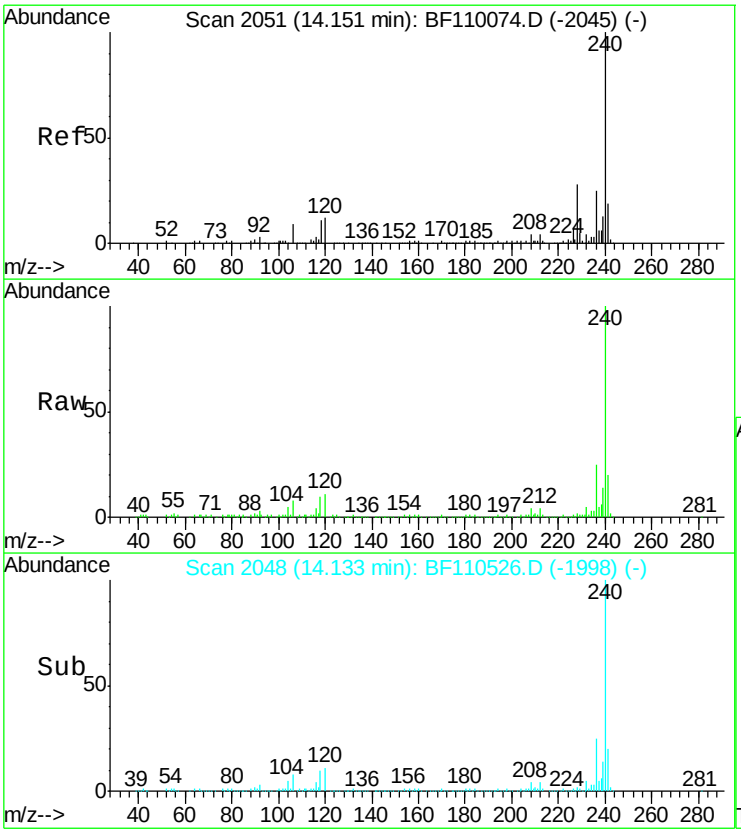
#67
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7272

Ion	Ratio	Lower	Upper
248	100		
250	213.1	79.4	119.2#
141	602.7	55.9	83.9#

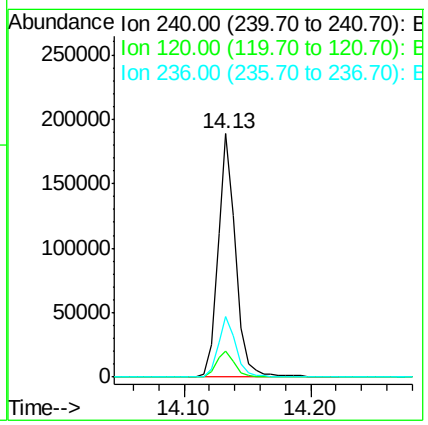


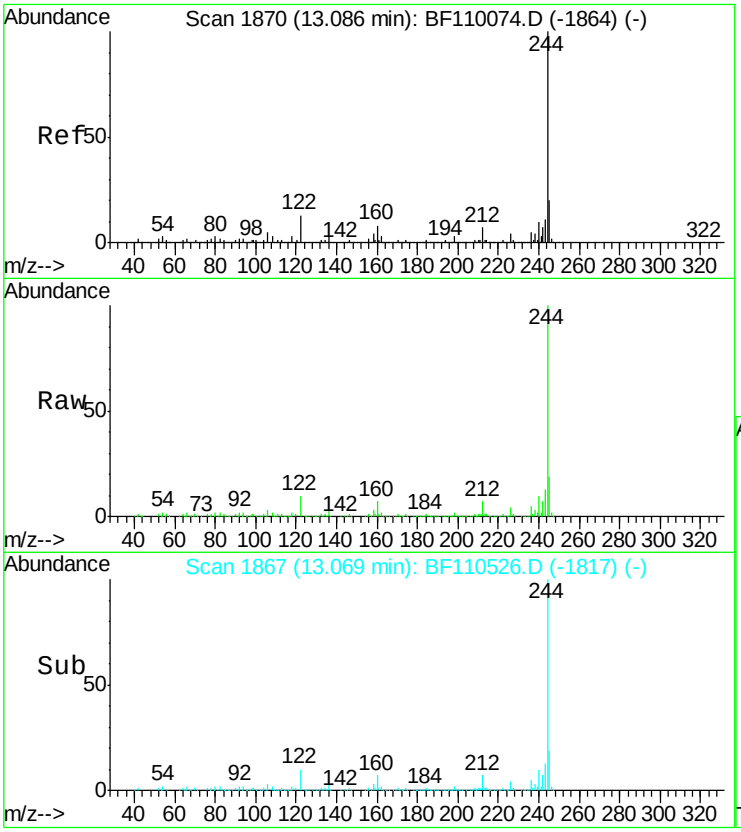


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:240 Resp: 183184

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.1	21.2	31.8



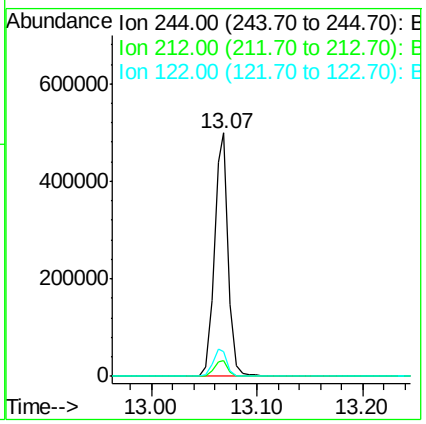


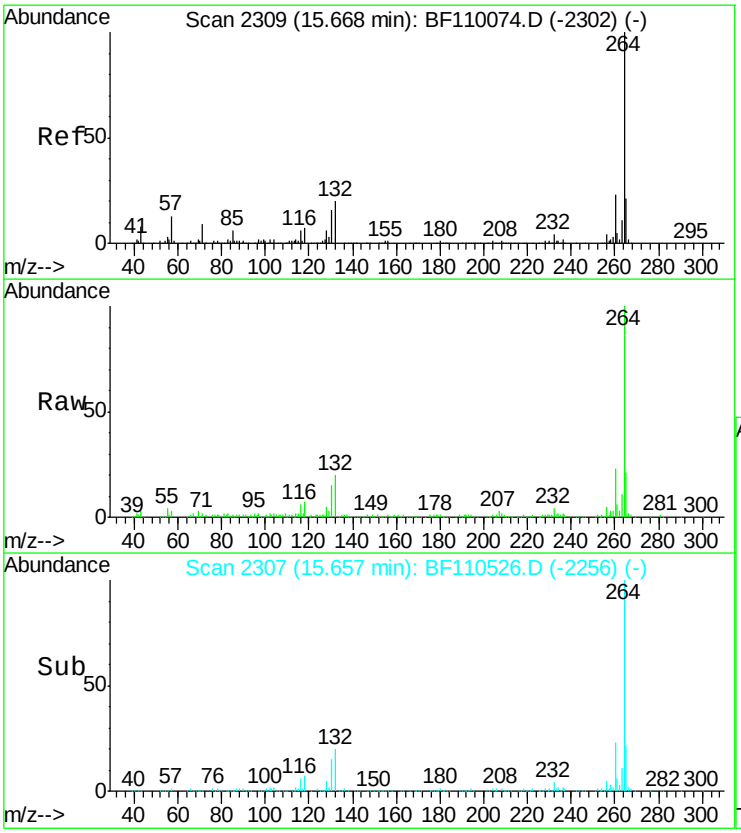
#79
Terphenyl-d14
Concen: 52.53 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 462673

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.0	8.7	13.1

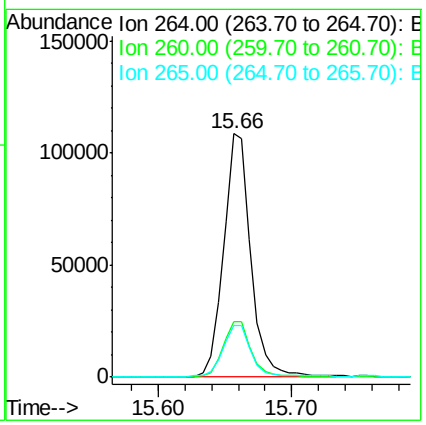


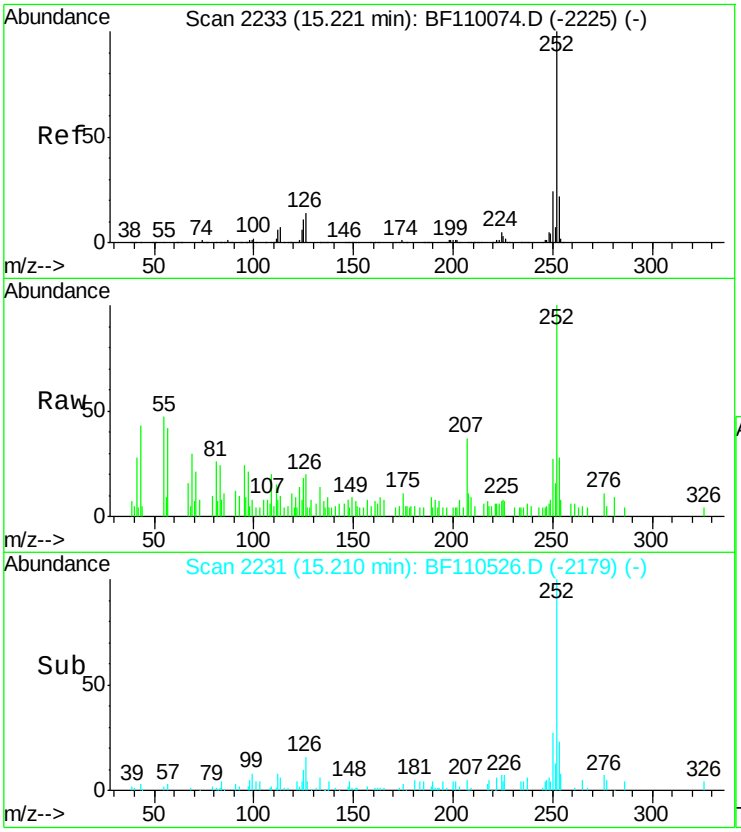


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:264 Resp: 155037

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	16.7	25.1



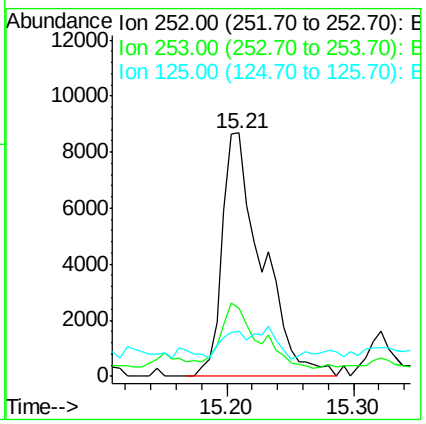


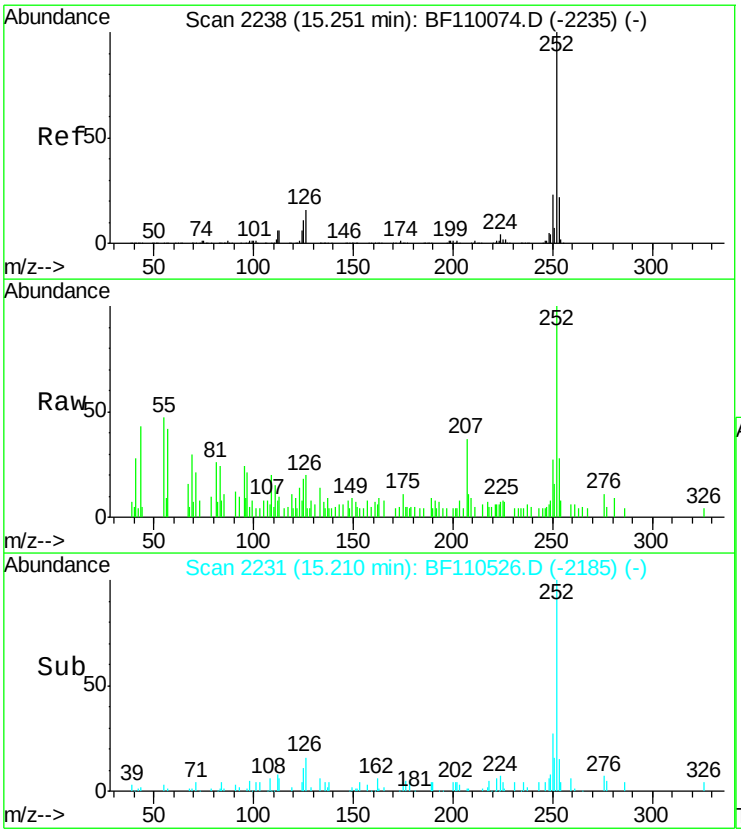
#88
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 18831

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.2	25.8#
125	18.4	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 2.14 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:252 Resp: 18831

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.2	25.8#
125	18.4	7.4	11.0#