Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110138.D
Acq On : 25 Oct 2018 2:48
Operator : JU/SJ
Sample : J5640-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 09:05:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 25 02:28:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118817	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	411671	20.00	ng		0.00
39) Acenaphthene-d10	10.01	164	157660	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	271035	20.00	ng		0.00
76) Chrysene-d12	14.15	240	258314	20.00	ng		0.00
87) Perylene-d12	15.67	264	177009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	286545	39.27	ng		0.00
7) Phenol-d6	6.58	99	212640	22.78	ng		0.00
23) Nitrobenzene-d5	7.53	82	656336	94.56	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	125248	80.20	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1109062	110.46	ng		0.00
79) Terphenyl-d14	13.09	244	980725	78.96	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	22873	2.293	ng	#	63
19) n-Nitroso-di-n-propylamine	7.53	70	86312	14.416	ng	#	81
25) Isophorone	7.53	82	656328	55.475	ng	#	67
50) Dimethylphthalate	9.72	163	38268	3.288	ng		98
51) 2,6-Dinitrotoluene	10.01	165	20380	8.130	ng	#	22
57) 2,4-Dinitrotoluene	10.01	165	20380	6.400	ng	#	18
67) 4-Bromophenyl-phenylether	10.80	248	7870	2.677	ng	#	1

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

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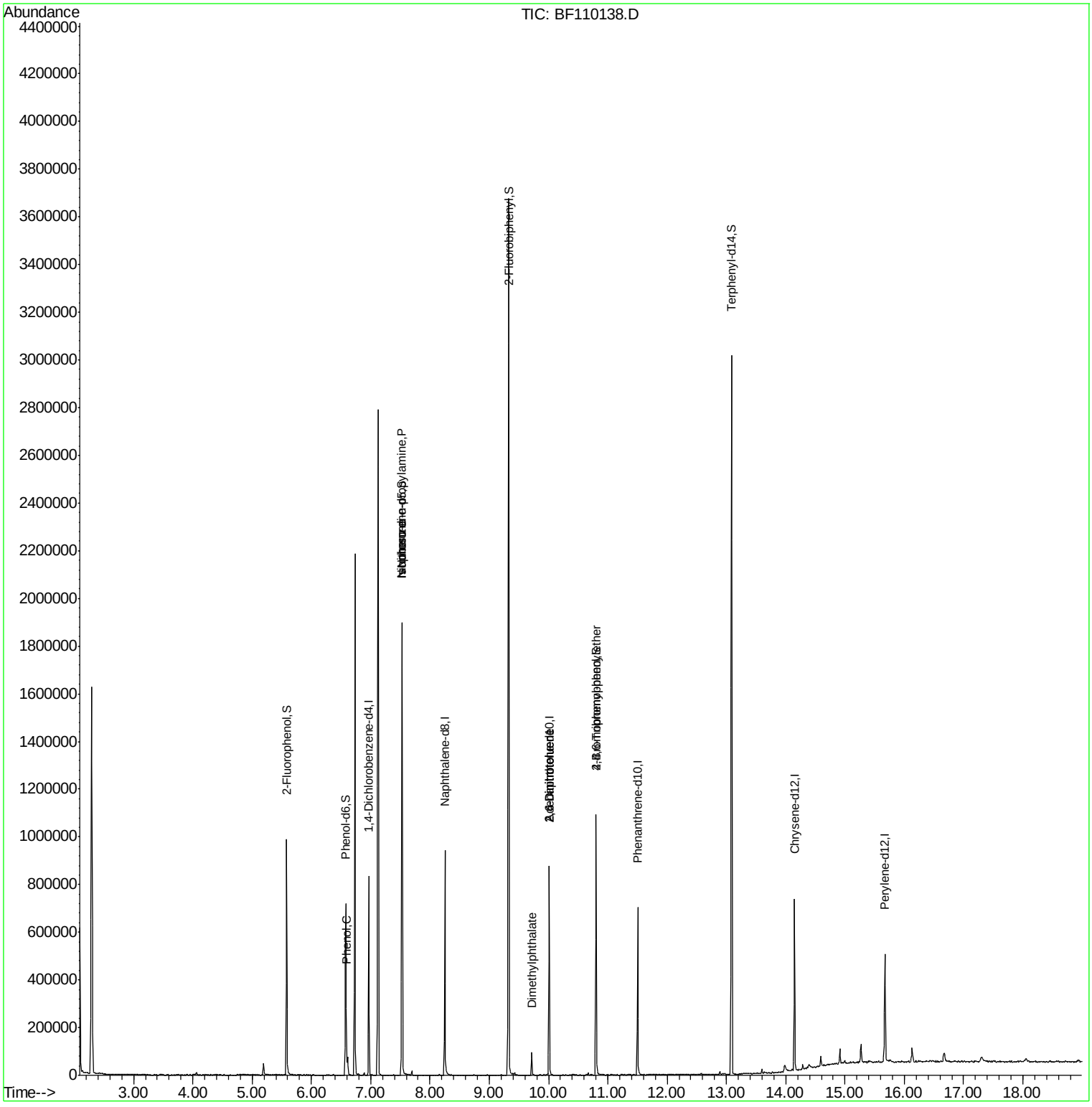
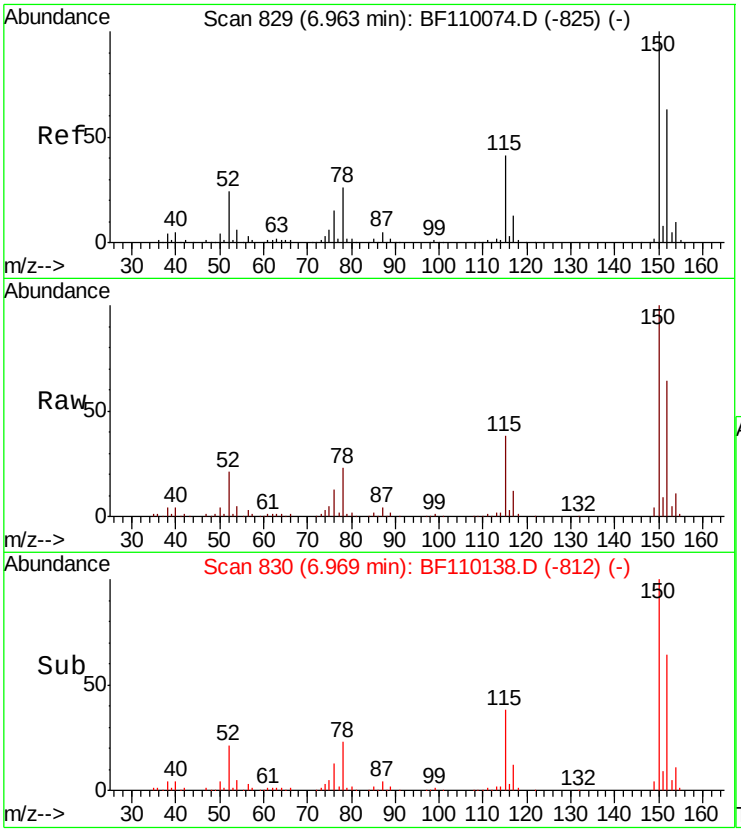


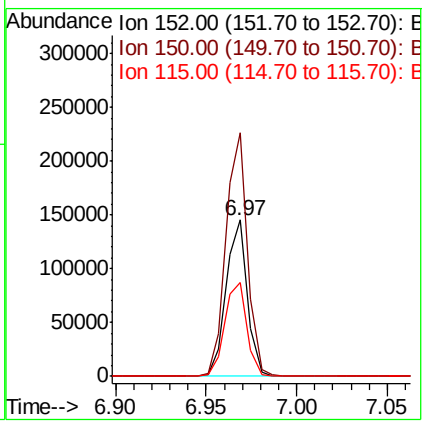


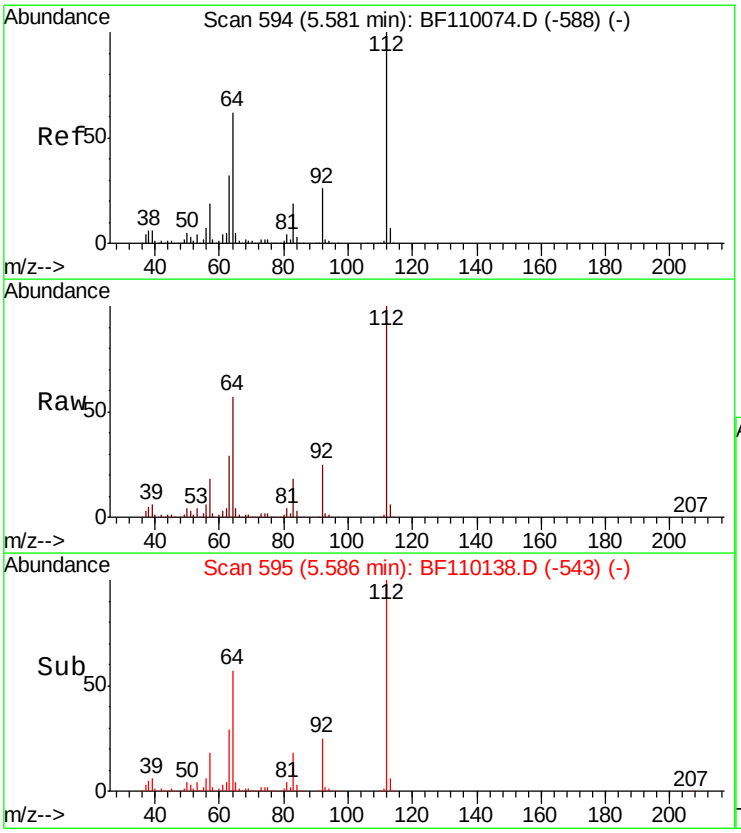
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118817

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	59.9	49.1	73.7

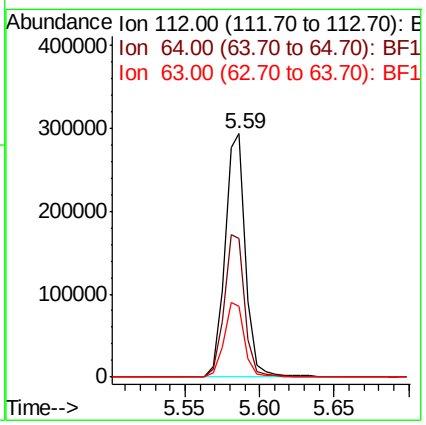


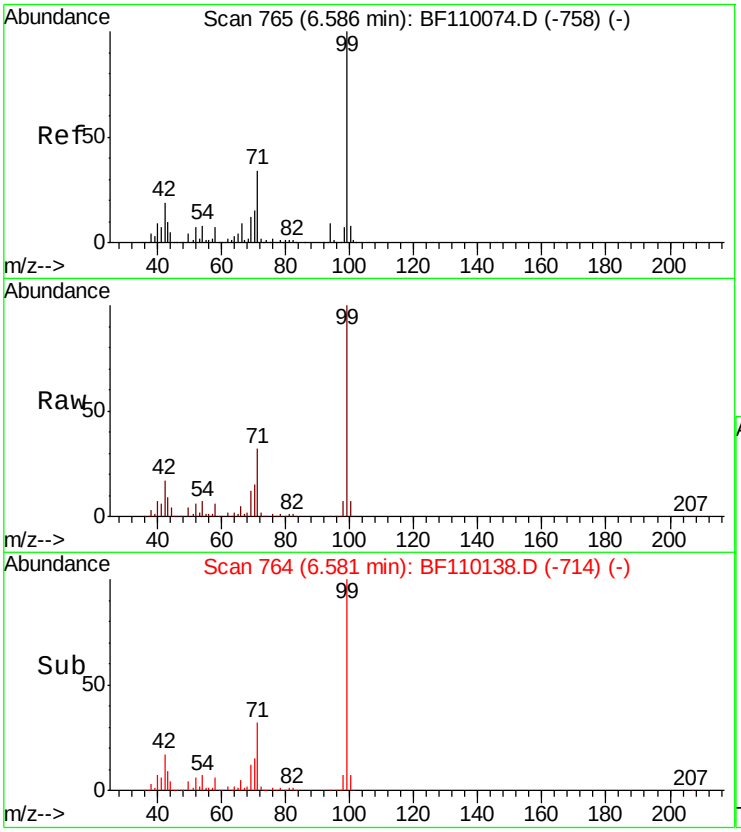


#5
2-Fluorophenol
Concen: 39.273 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:112 Resp: 286545

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	29.1	23.7	35.5



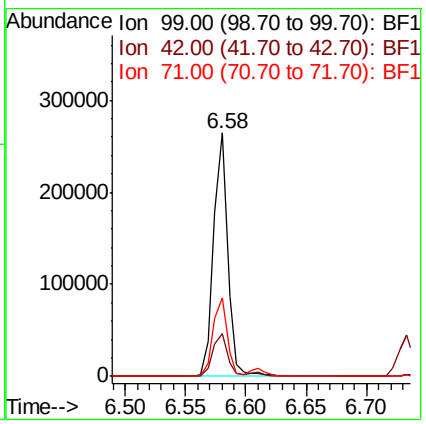


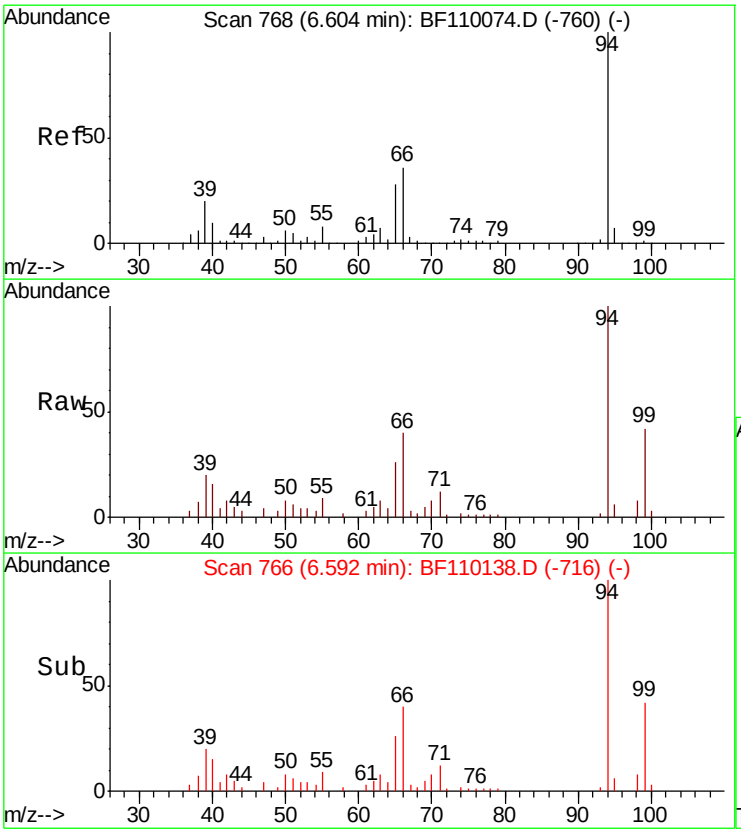
#7
Phenol-d6
Concen: 22.785 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 212640

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.8	23.6
71	32.3	28.0	42.0

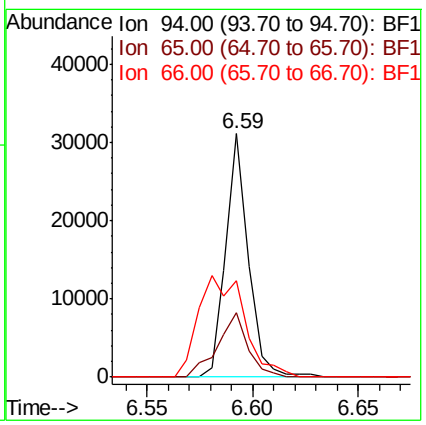


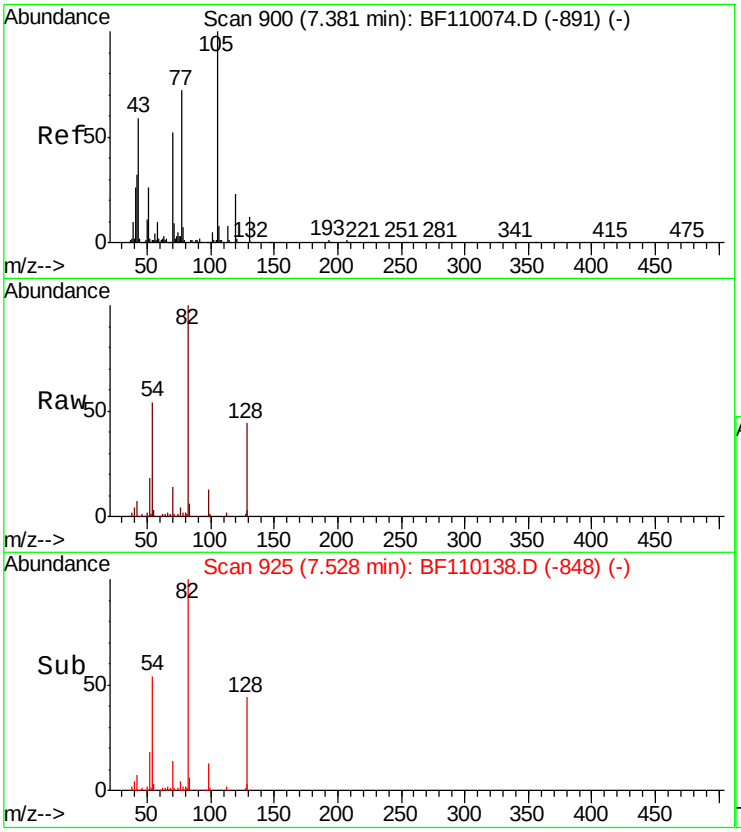


#10
Phenol
Concen: 2.293 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion: 94 Resp: 22873

Ion	Ratio	Lower	Upper
94	100		
65	26.4	25.3	65.3
66	39.5	54.5	94.5#



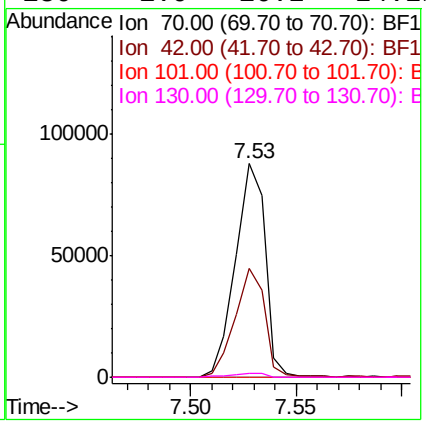


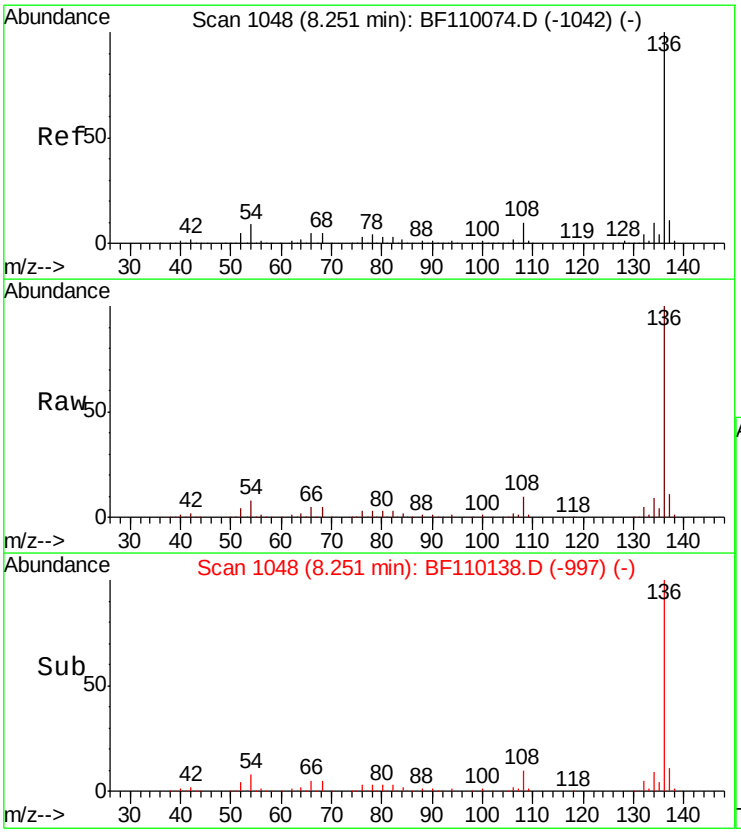
#19
n-Nitroso-di-n-propylamine
Concen: 14.416 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86312

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#

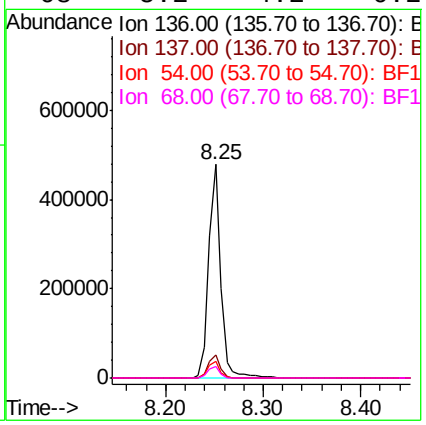


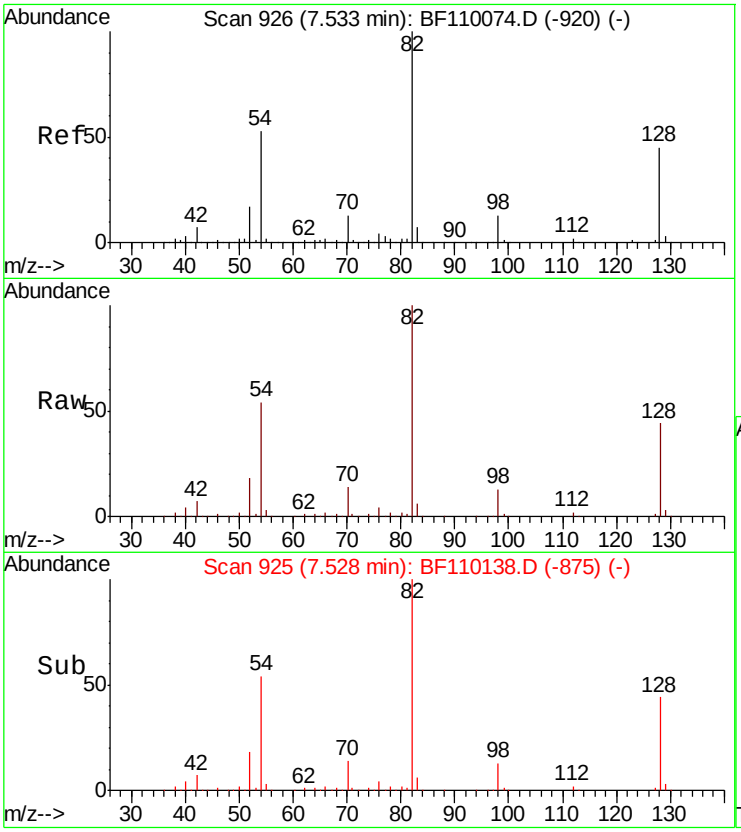


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:136 Resp: 411671

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2



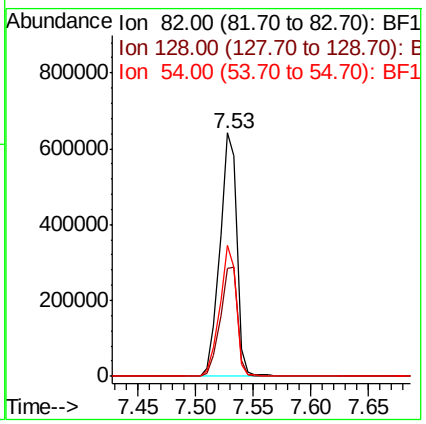


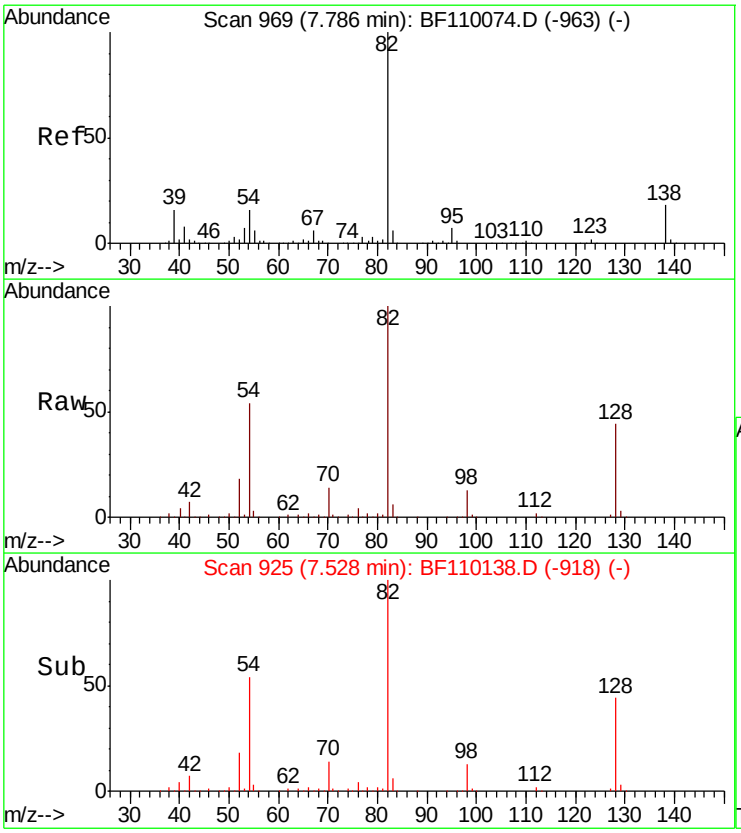
#23
Nitrobenzene-d5
Concen: 94.564 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 656336

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.8	38.6	58.0

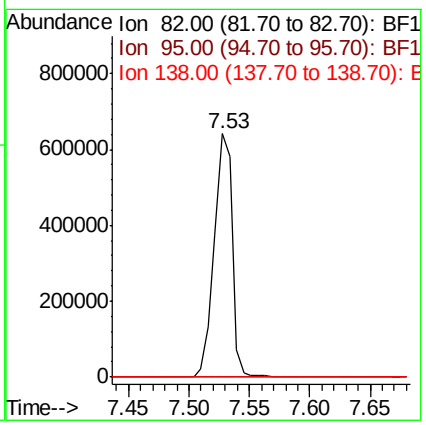


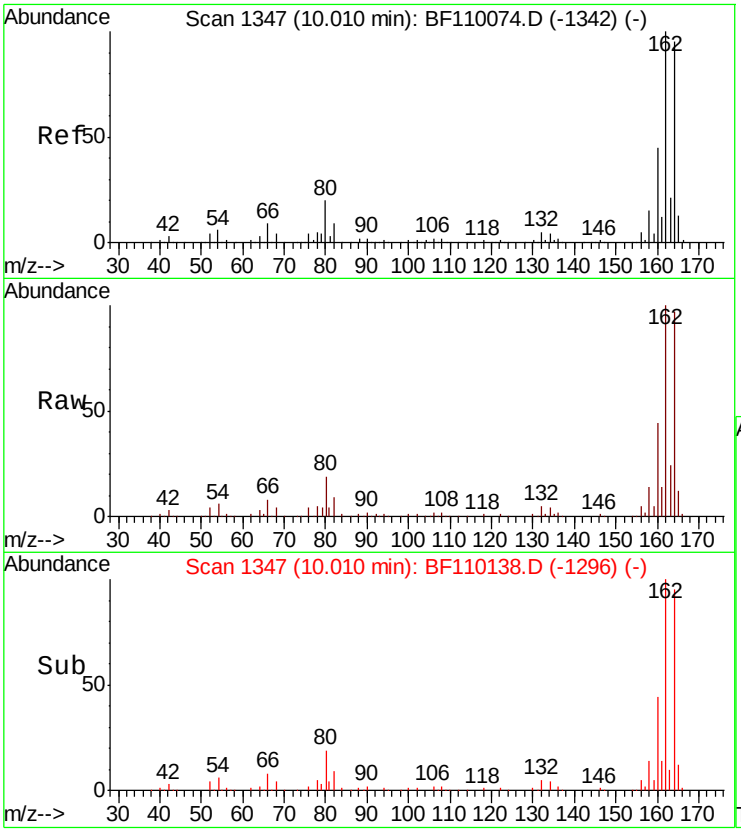


#25
Isophorone
Concen: 55.475 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion: 82 Resp: 656328

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



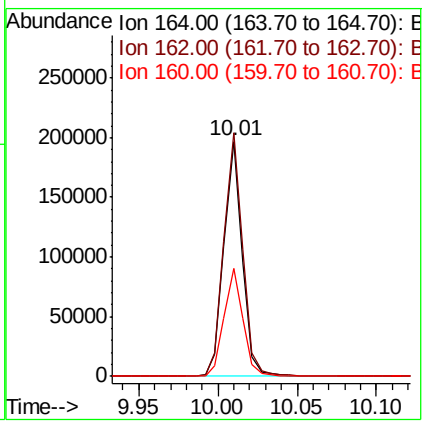


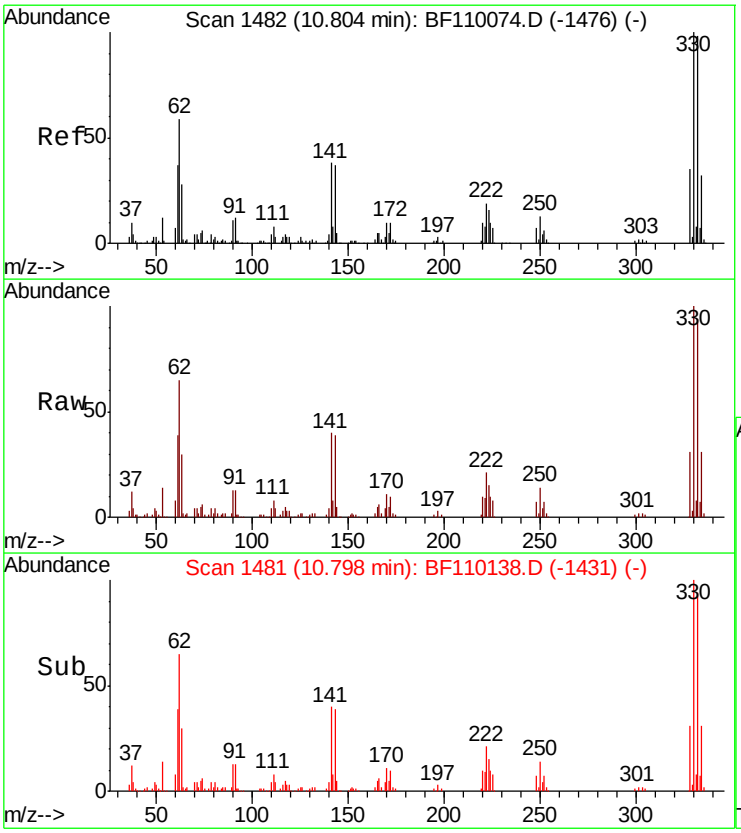
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 157660

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	45.9	37.0	55.6

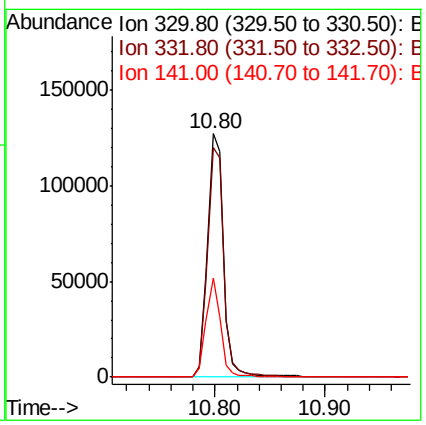


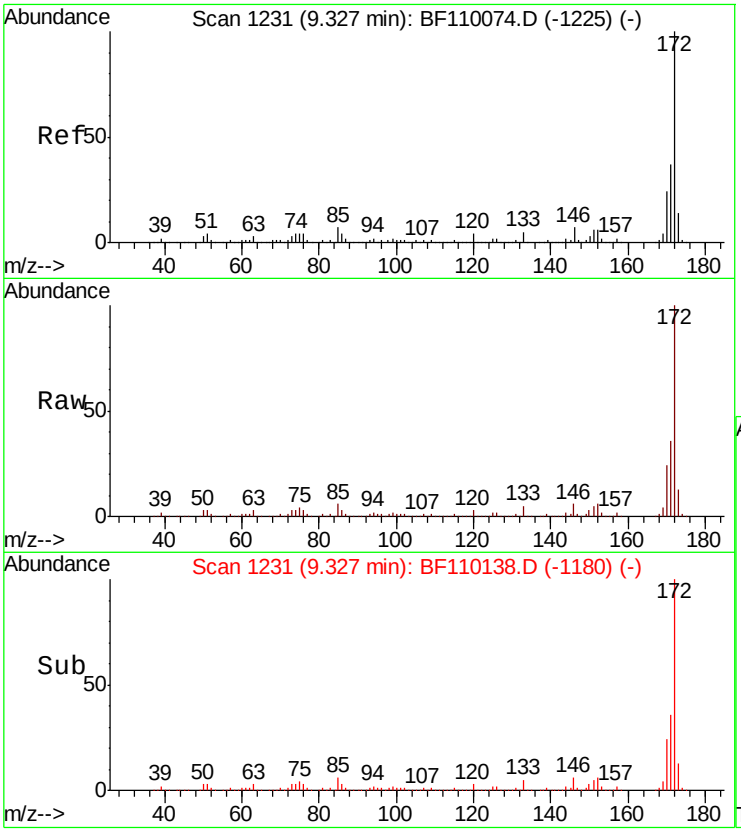


#42
2,4,6-Tribromophenol
Concen: 80.198 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:330 Resp: 125248

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	36.4	27.0	40.4



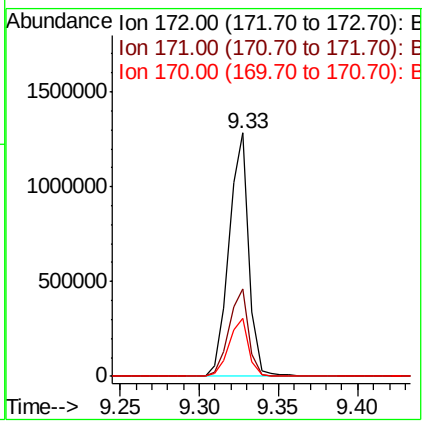


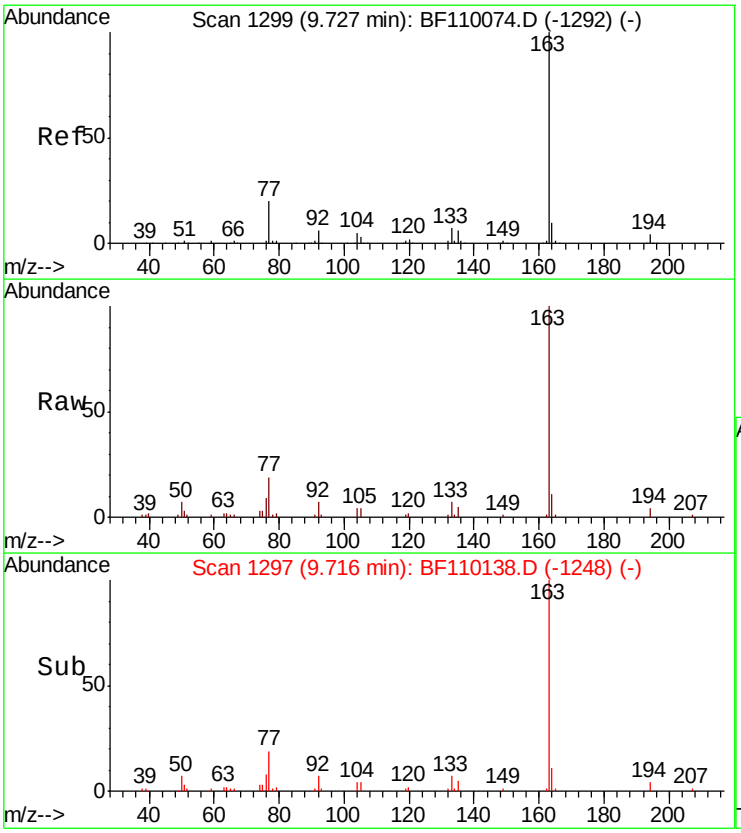
#45
2-Fluorobiphenyl
Concen: 110.460 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1109062

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5

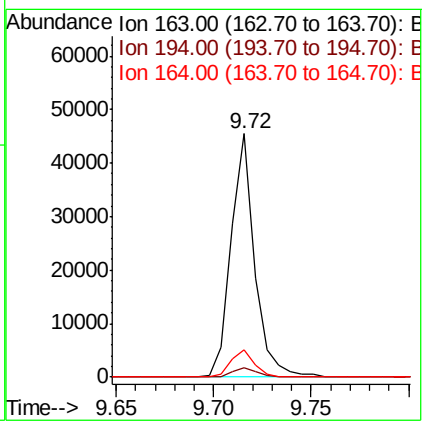


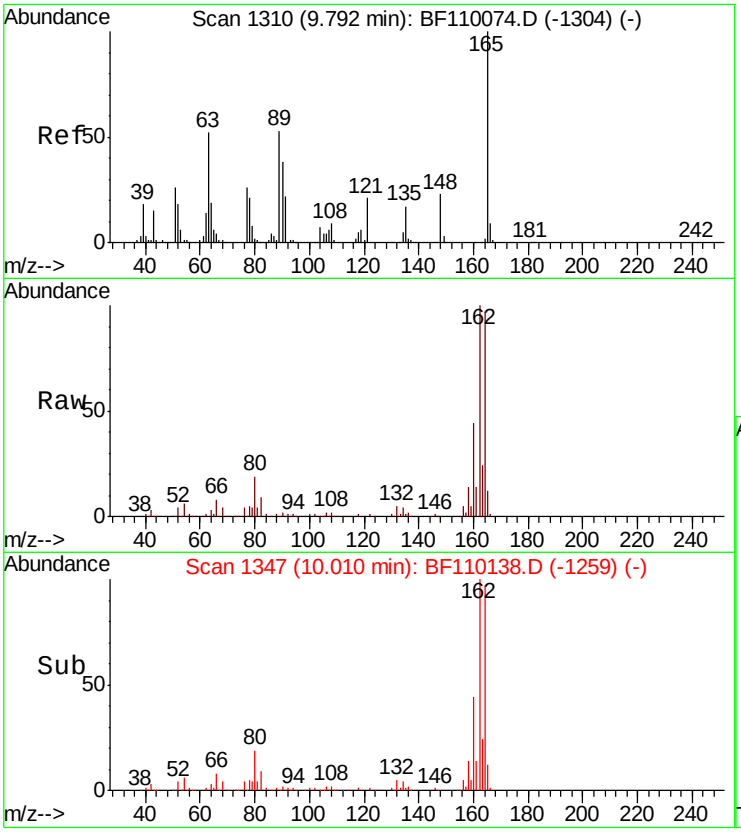


#50
Dimethylphthalate
Concen: 3.288 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:163 Resp: 38268

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	11.1	8.1	12.1



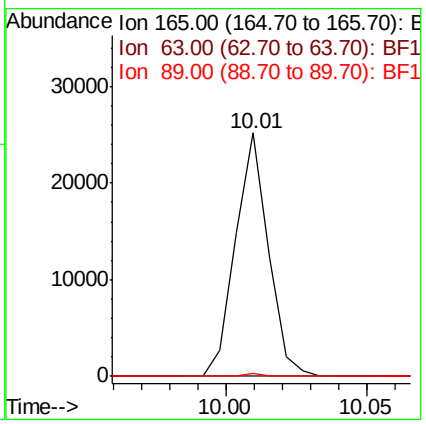


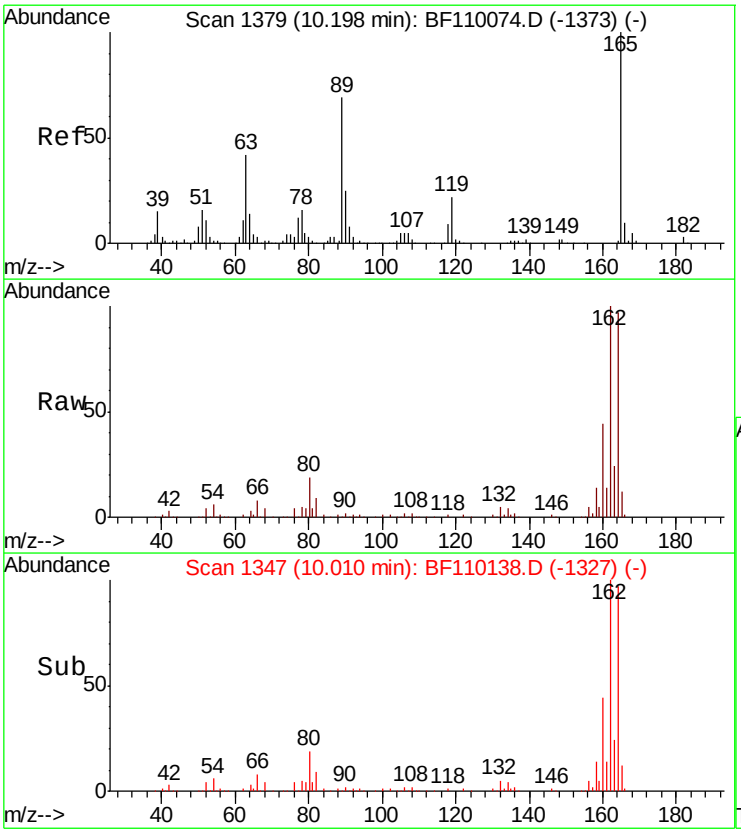
#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20380

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.3	46.6	69.8#

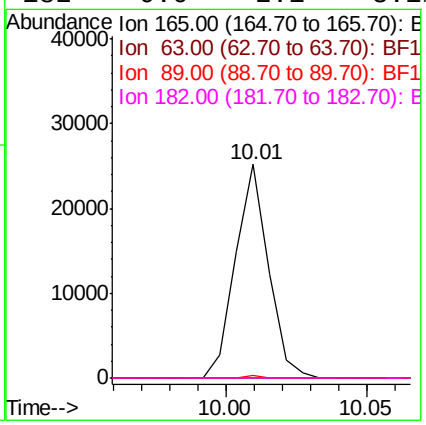


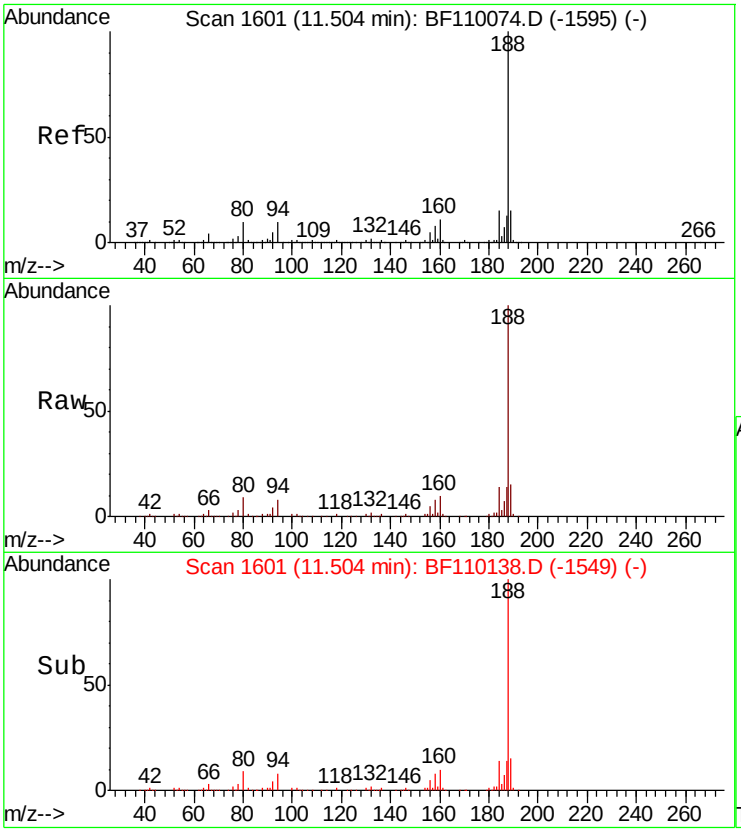


#57
2,4-Dinitrotoluene
Concen: 6.400 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:165 Resp: 20380

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



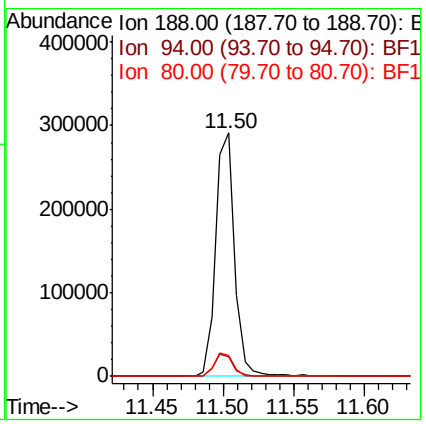


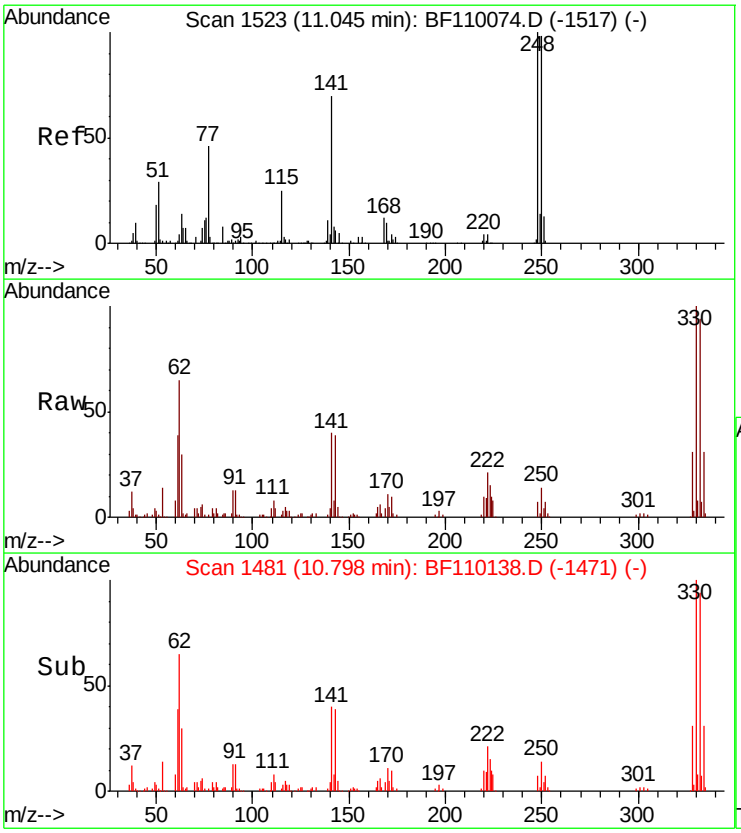
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 271035

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.5	7.9	11.9

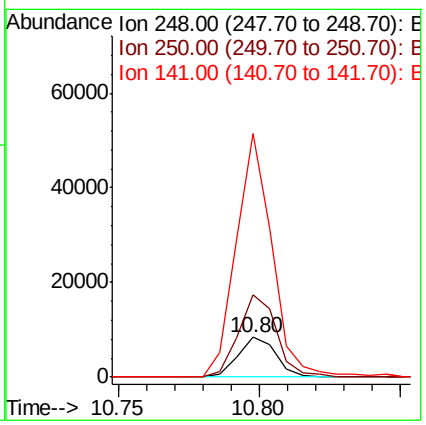


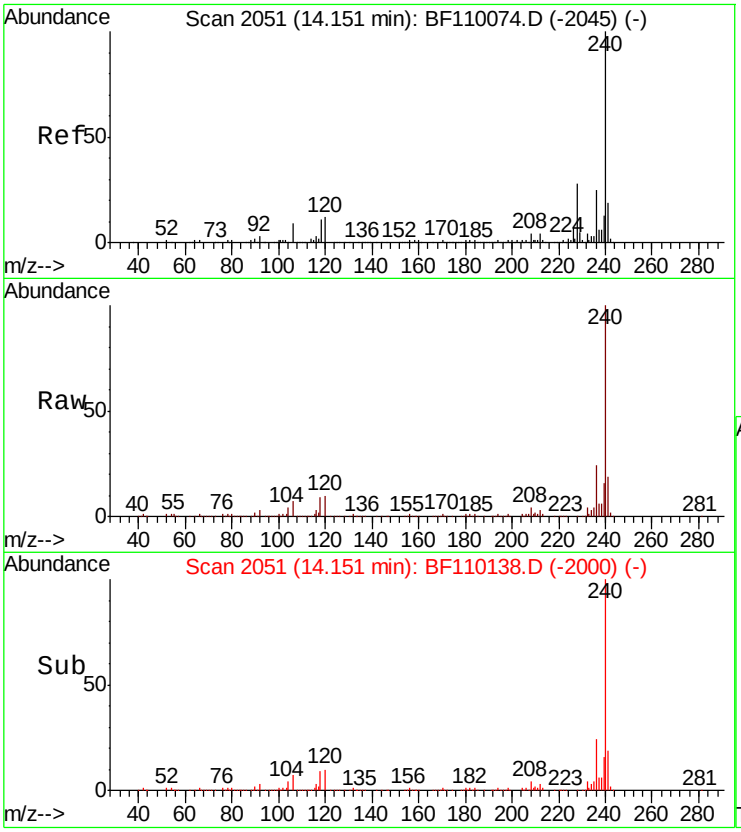


#67
4-Bromophenyl-phenylether
Concen: 2.677 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:248 Resp: 7870

Ion	Ratio	Lower	Upper
248	100		
250	207.0	79.4	119.2#
141	608.5	55.9	83.9#



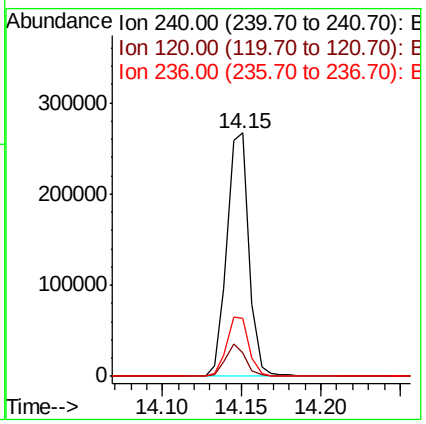


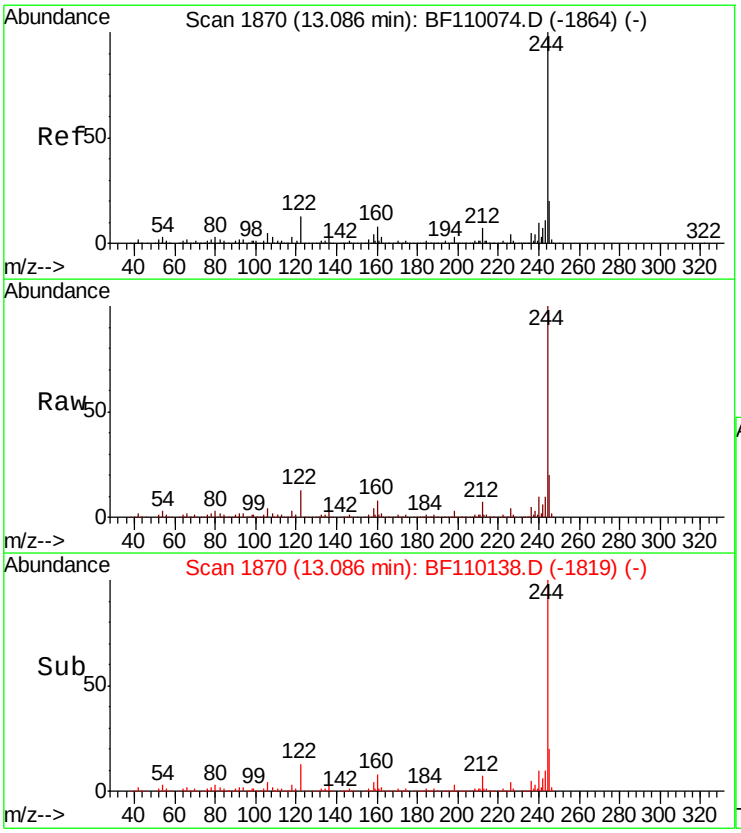
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 258314

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.0	21.2	31.8

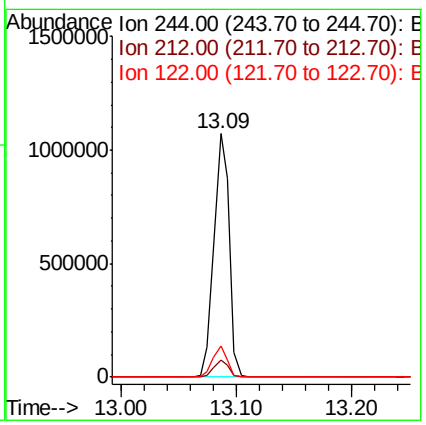


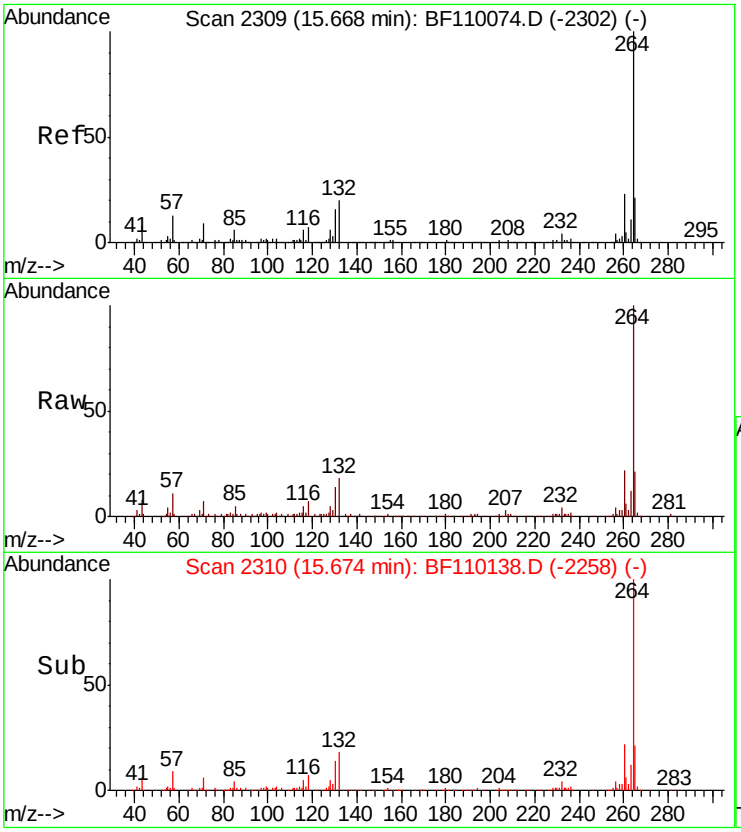


#79
Terphenyl-d14
Concen: 78.959 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Tgt Ion:244 Resp: 980725

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110138.D
Acq: 25 Oct 2018 2:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 177009

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.2	16.7	25.1