Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110131.D
Acq On : 24 Oct 2018 23:36
Operator : JU/SJ
Sample : J4768-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:15:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116758	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	421418	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	164288	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	267031	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216991	20.00	ng	-0.01
87) Perylene-d12	15.68	264	160670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	719376	100.33	ng	0.00
7) Phenol-d6	6.59	99	882486	96.23	ng	-0.02
23) Nitrobenzene-d5	7.53	82	500452	70.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	144141	88.57	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	898746	85.90	ng	-0.01
79) Terphenyl-d14	13.09	244	746484	71.55	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	1548	Below Cal	#	1
10) Phenol	6.60	94	44467	4.536	ng #	68
19) n-Nitroso-di-n-propylamine	7.53	70	67071	11.400	ng #	82
25) Isophorone	7.53	82	500448	41.321	ng #	67
50) Dimethylphthalate	9.72	163	73647	6.073	ng	98
57) 2,4-Dinitrotoluene	10.01	165	21104	6.360	ng #	19
67) 4-Bromophenyl-phenylether	10.80	248	9625	3.323	ng #	1
84) Bis(2-ethylhexyl)phthalate	14.11	149	36859	4.038	ng	97

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

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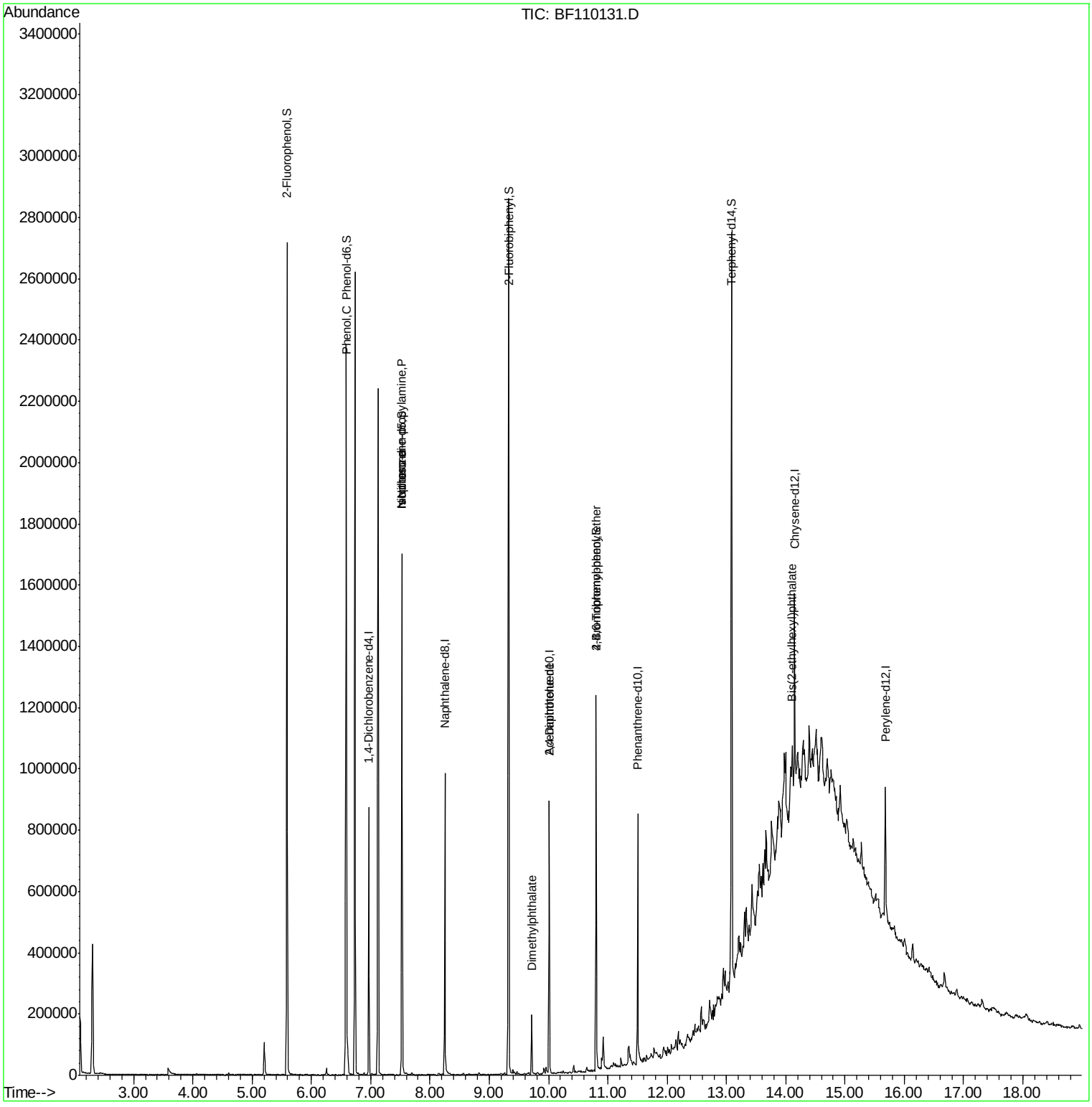
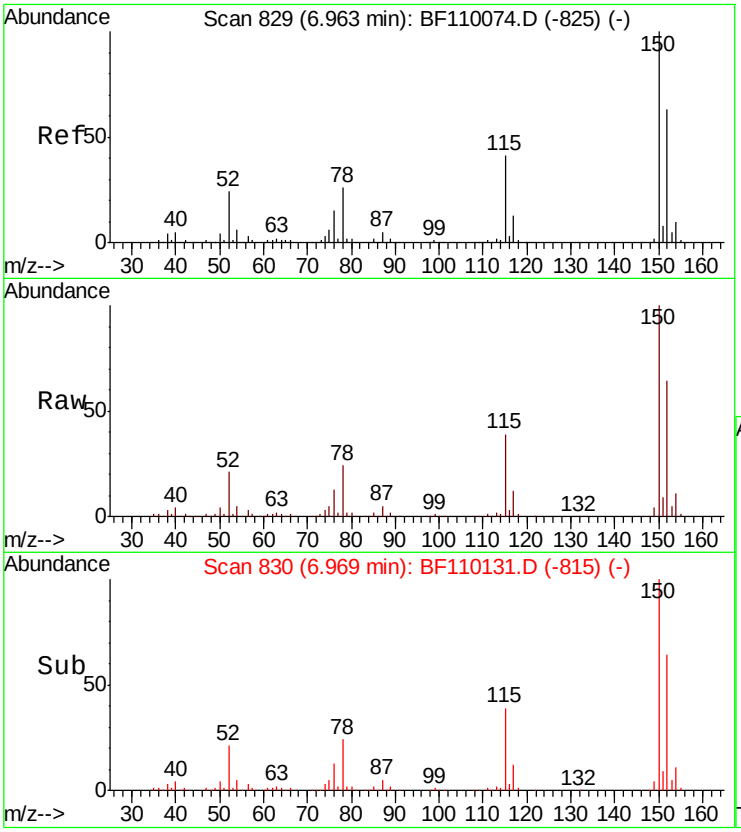


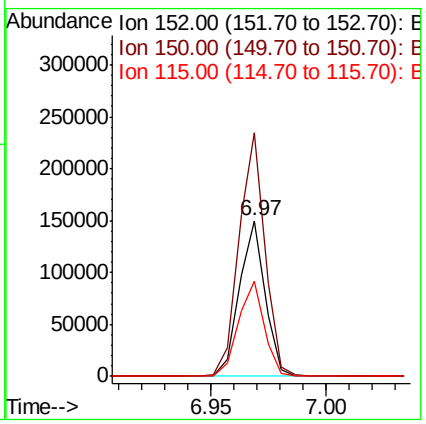


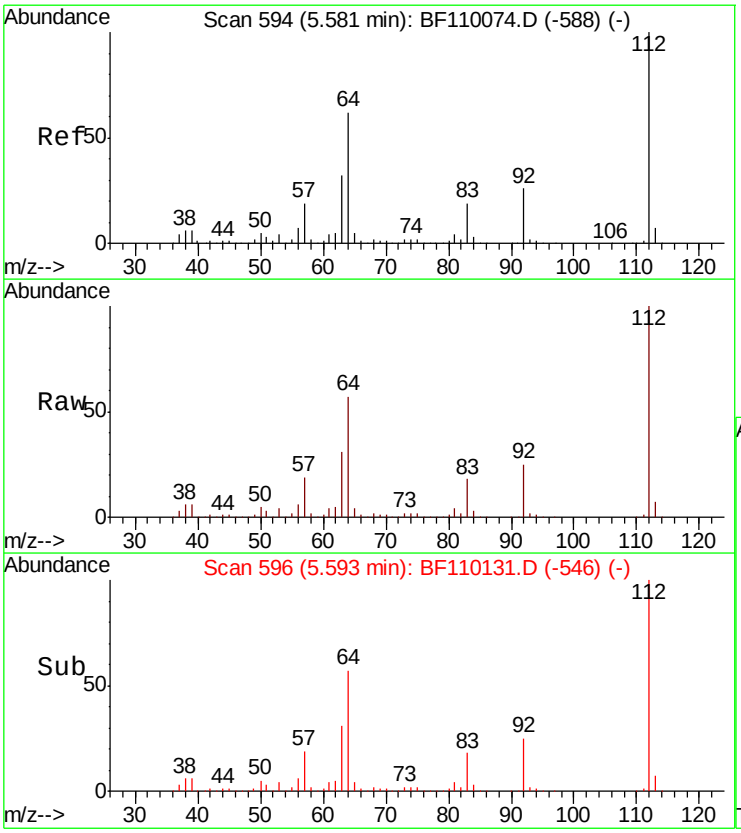
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 116758

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	61.1	49.1	73.7

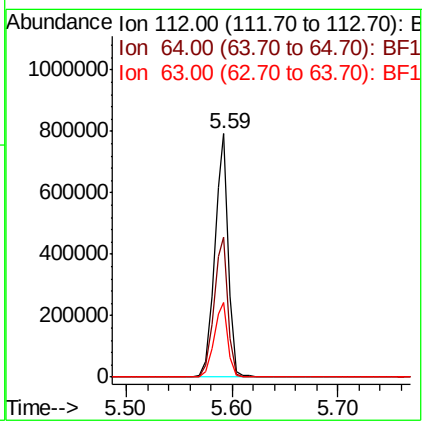


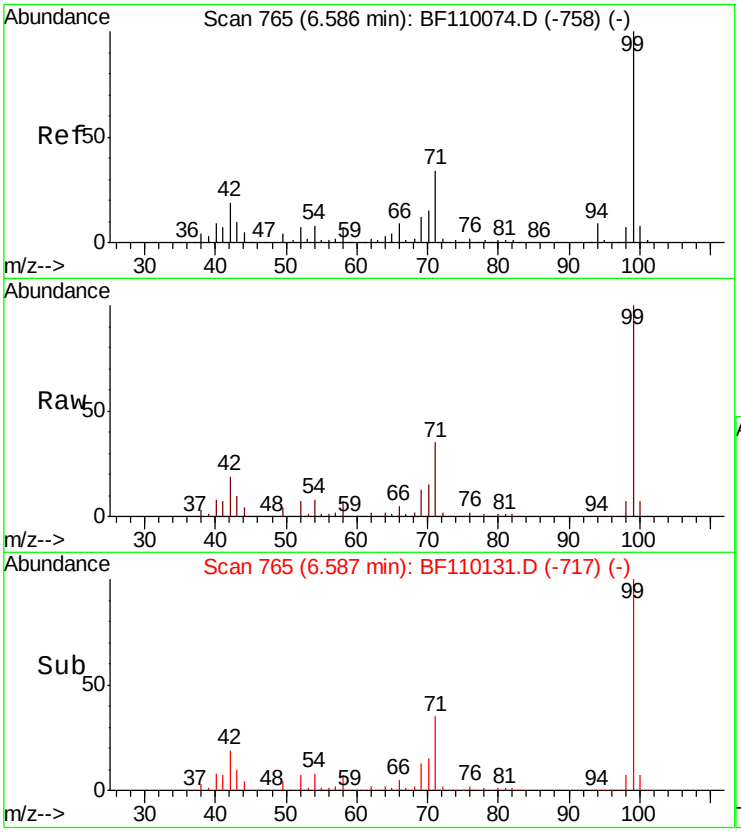


#5
2-Fluorophenol
Concen: 100.333 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:112 Resp: 719376

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	30.7	23.7	35.5



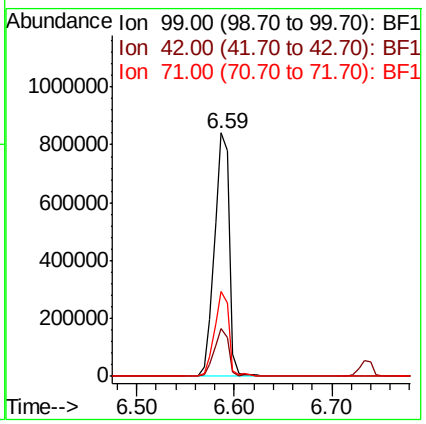


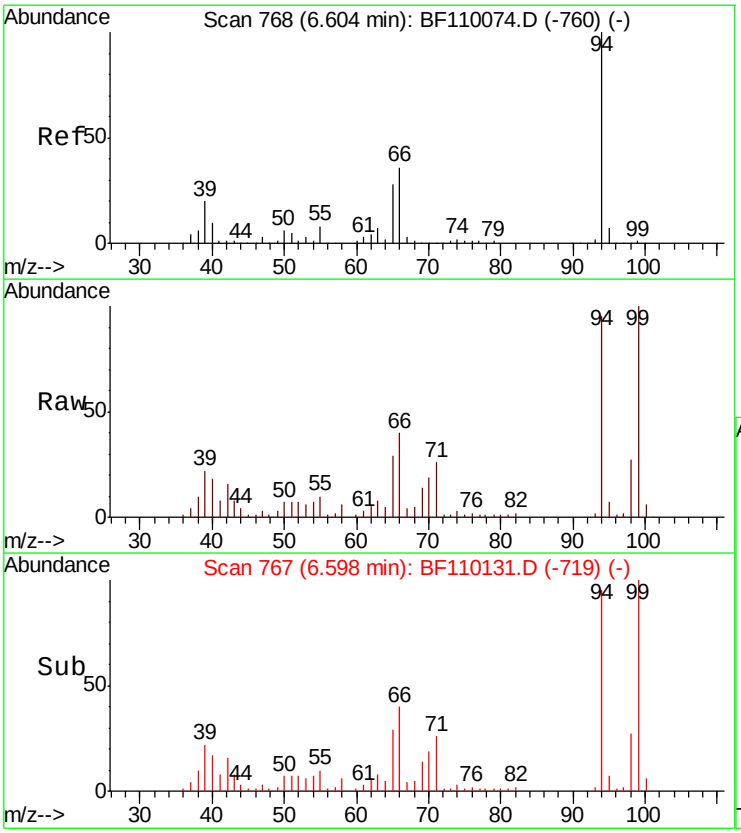
#7
Phenol-d6
Concen: 96.228 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 882486

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.1	28.0	42.0

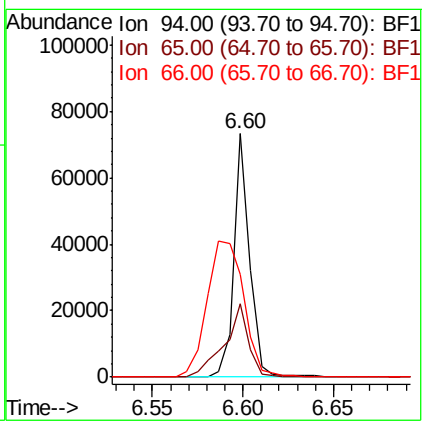


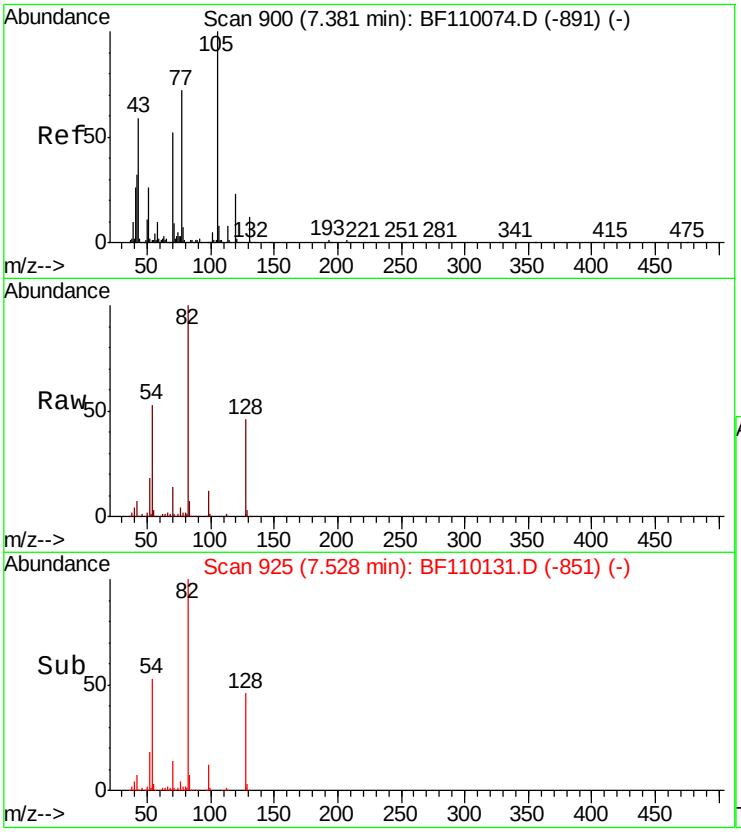


#10
Phenol
Concen: 4.536 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion: 94 Resp: 44467

Ion	Ratio	Lower	Upper
94	100		
65	30.4	25.3	65.3
66	42.2	54.5	94.5#



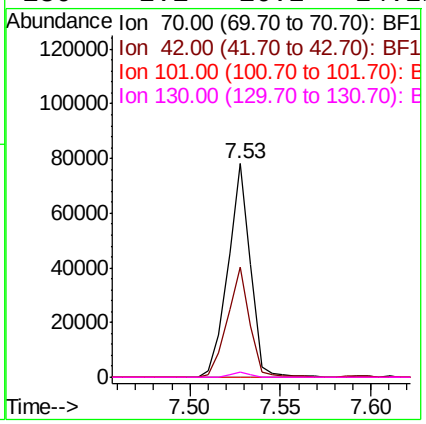


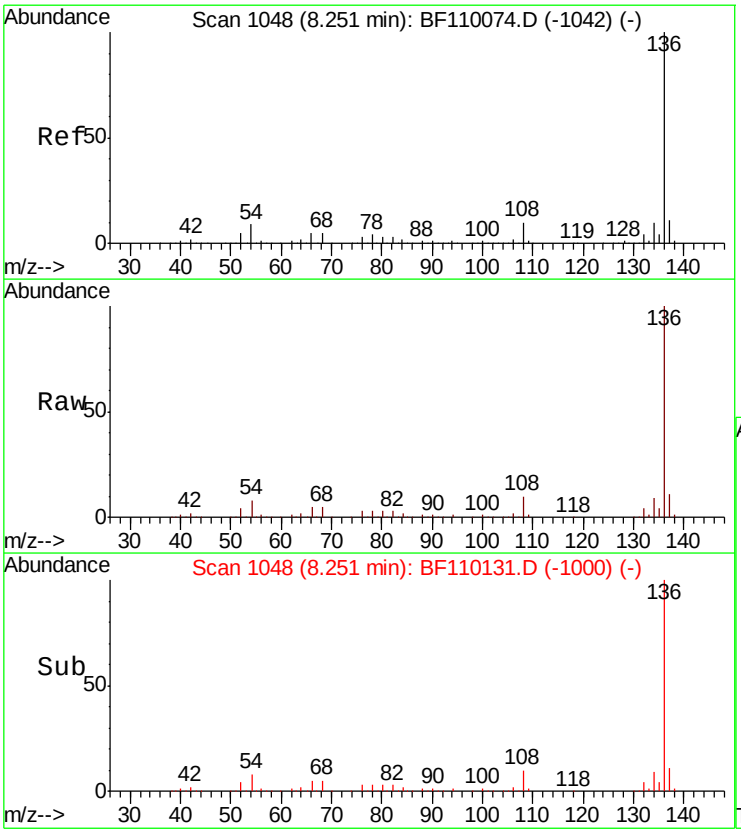
#19
n-Nitroso-di-n-propylamine
Concen: 11.400 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 67071

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

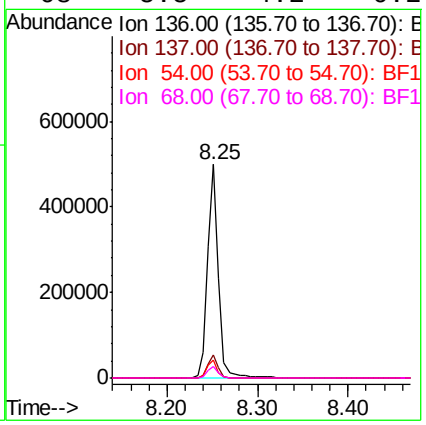


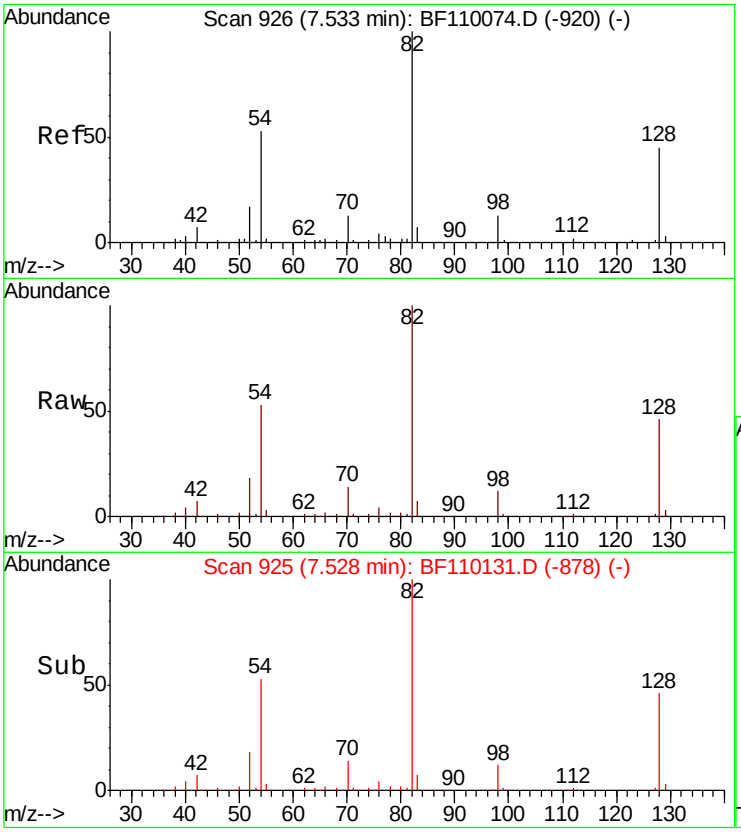


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:136 Resp: 421418

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.5	4.2	6.2



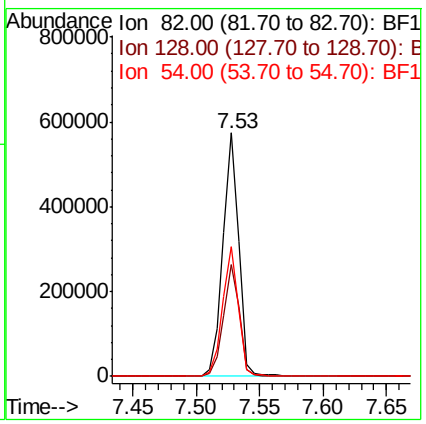


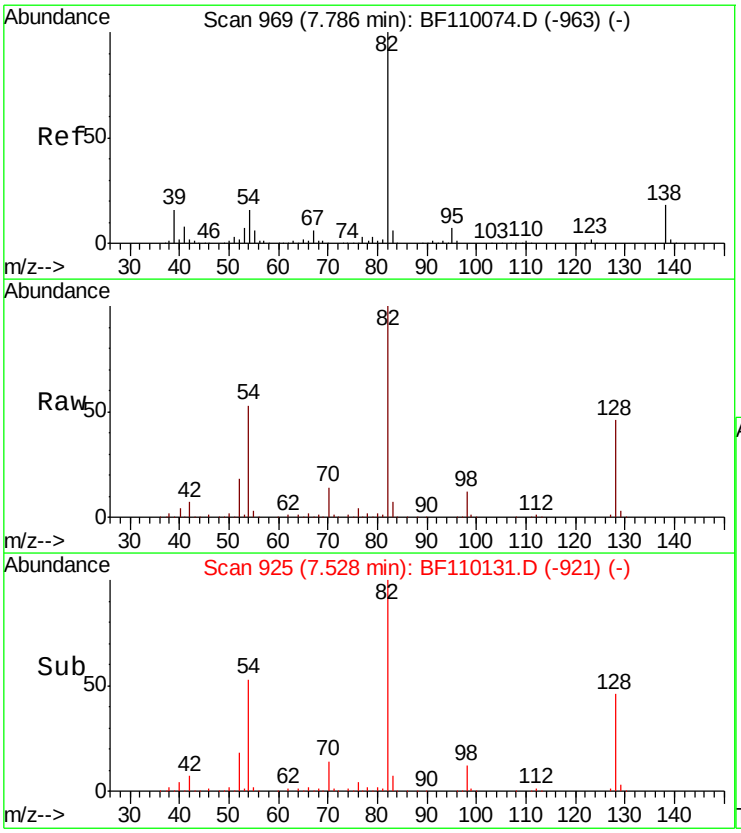
#23
Nitrobenzene-d5
Concen: 70.437 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 500452

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	53.1	38.6	58.0

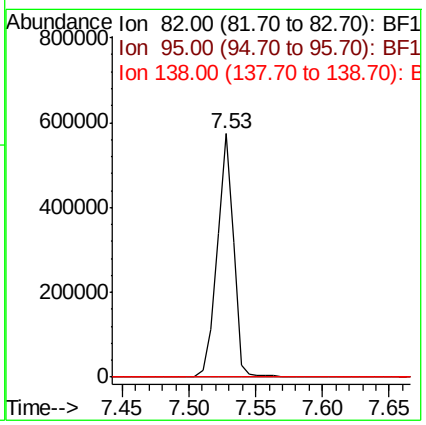


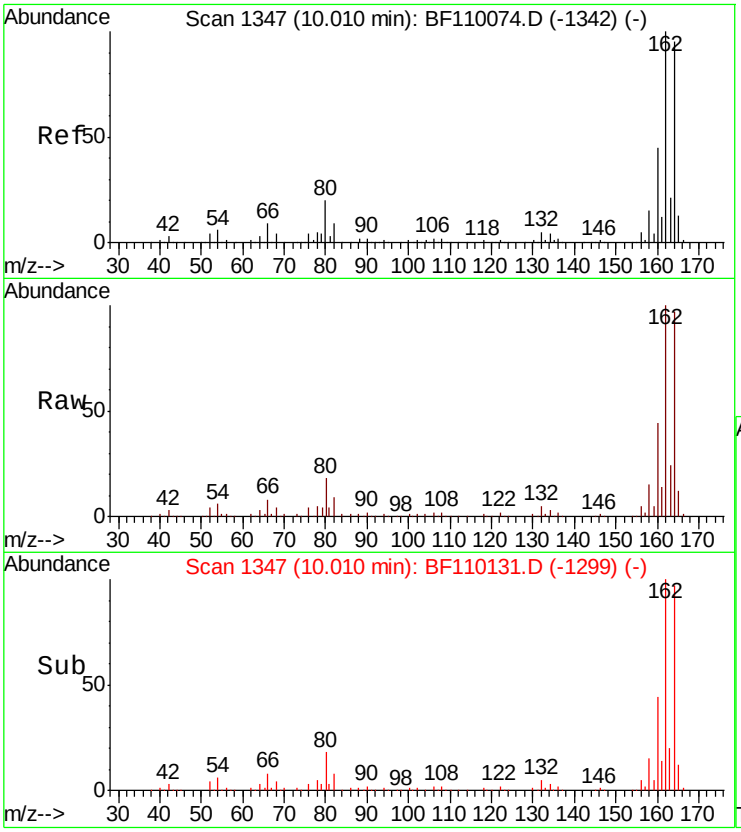


#25
Isophorone
Concen: 41.321 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion: 82 Resp: 500448

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



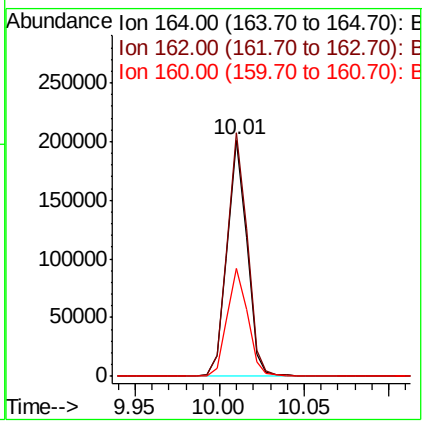


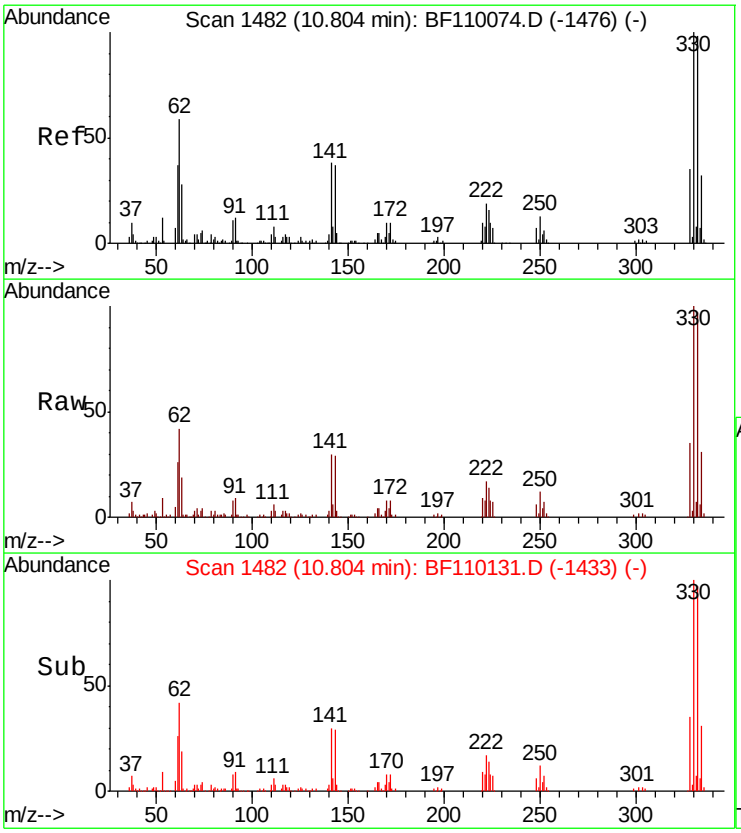
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 164288

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	45.6	37.0	55.6

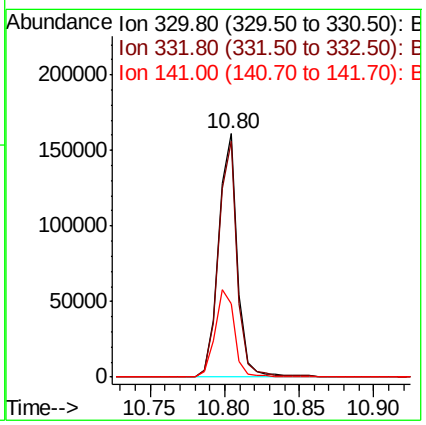


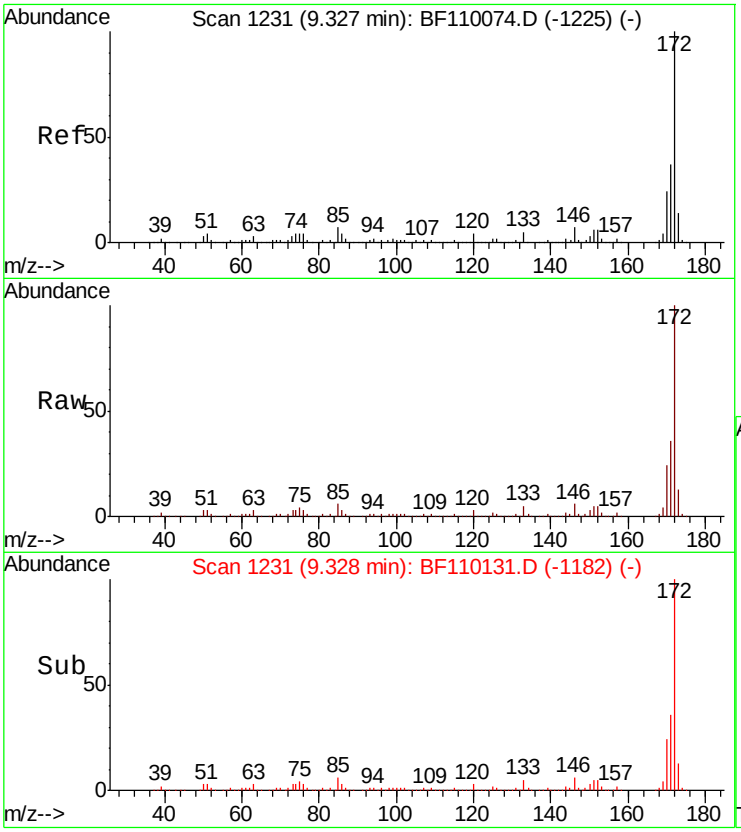


#42
2,4,6-Tribromophenol
Concen: 88.572 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:330 Resp: 144141

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.1	27.0	40.4



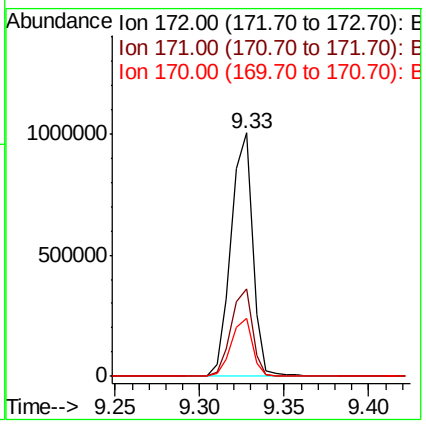


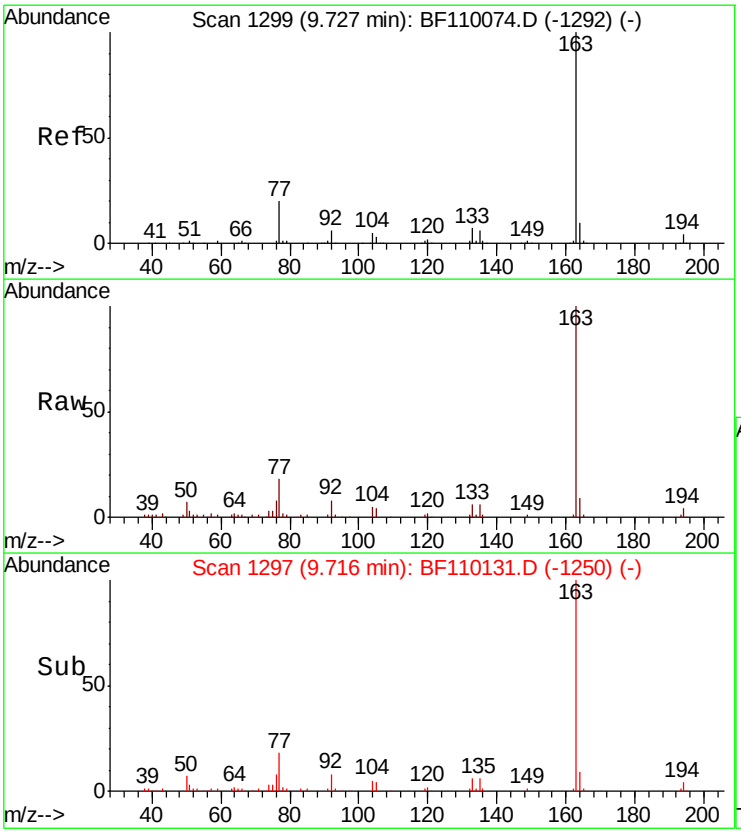
#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 898746

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.7	29.5

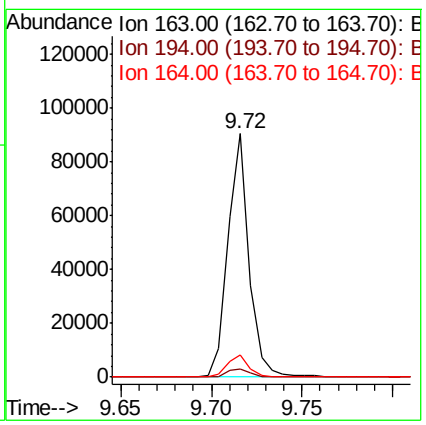


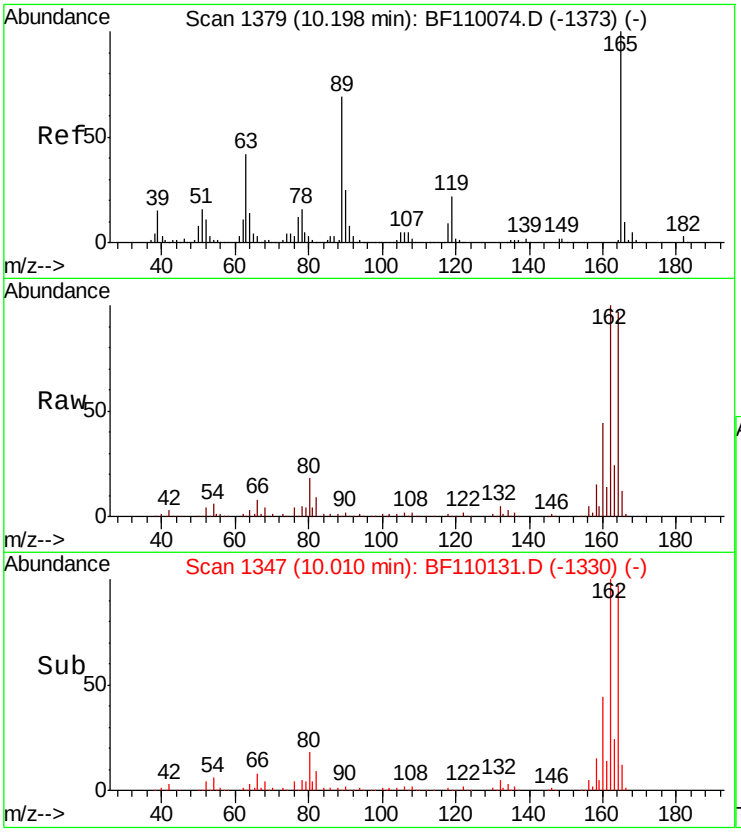


#50
Dimethylphthalate
Concen: 6.073 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:163 Resp: 73647

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.2	8.1	12.1



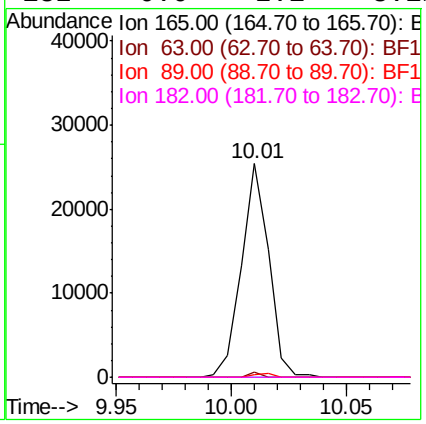


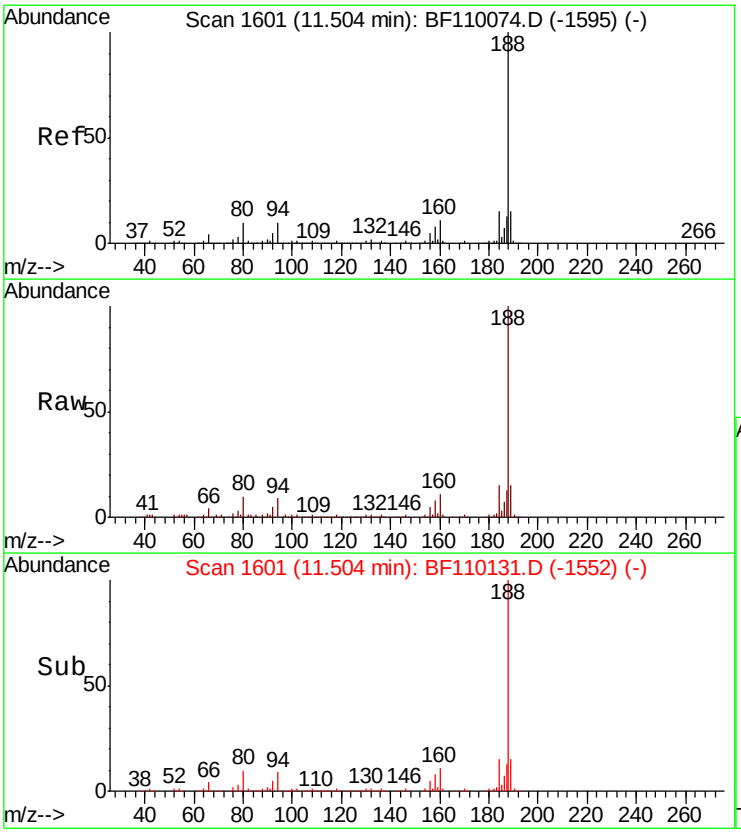
#57
2,4-Dinitrotoluene
Concen: 6.360 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21104

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

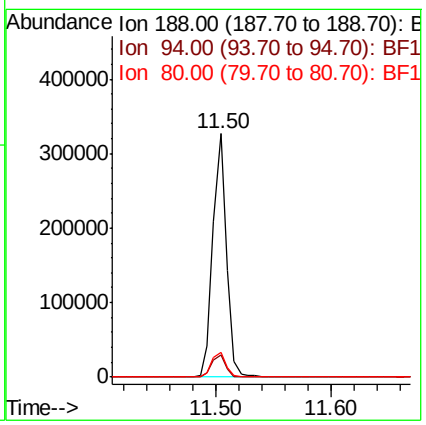


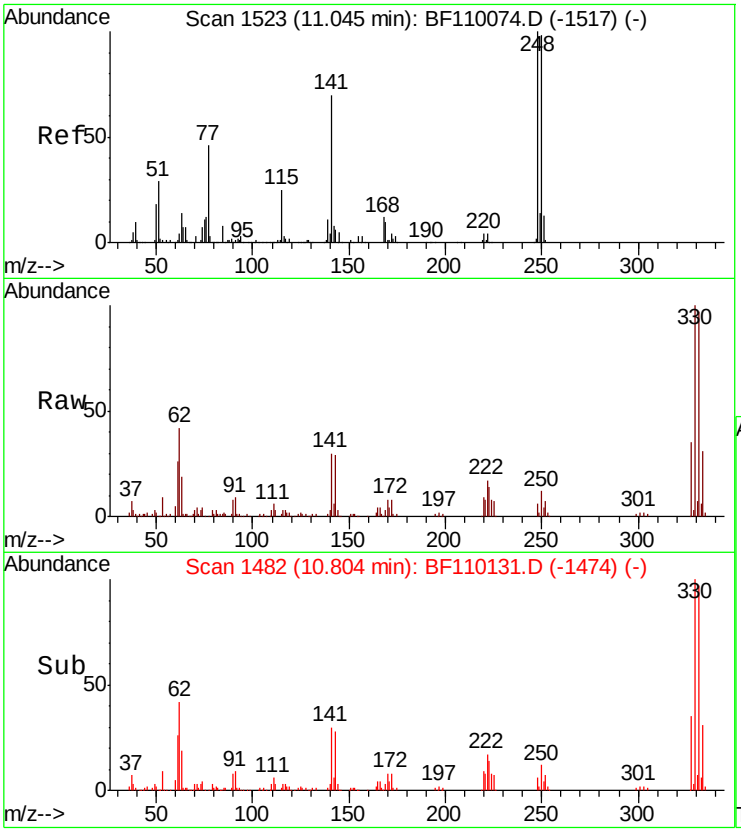


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:188 Resp: 267031

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



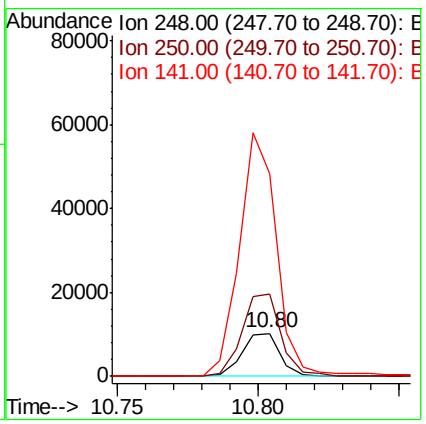


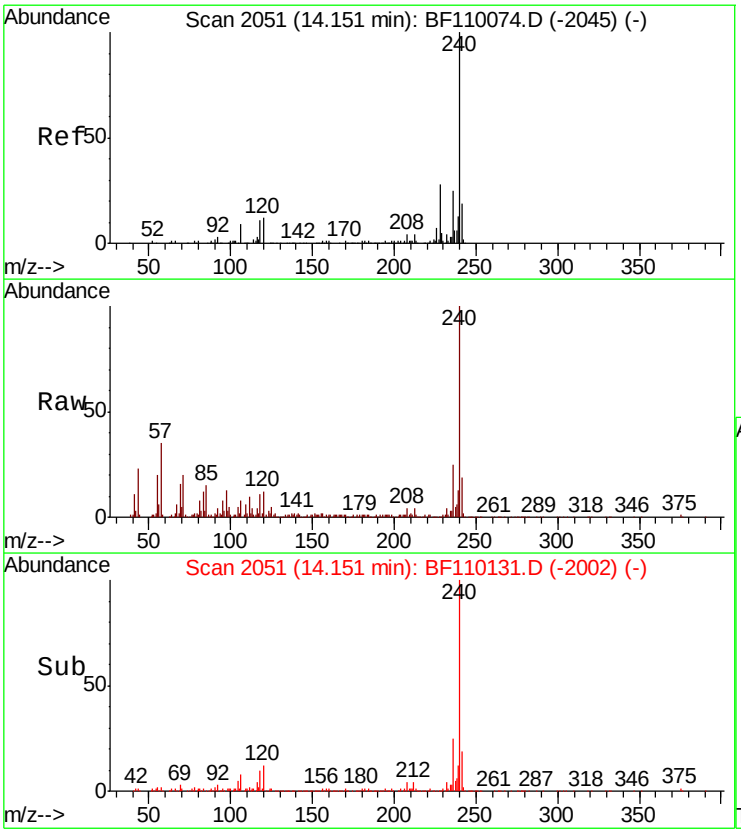
#67
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9625

Ion	Ratio	Lower	Upper
248	100		
250	194.2	79.4	119.2#
141	474.1	55.9	83.9#

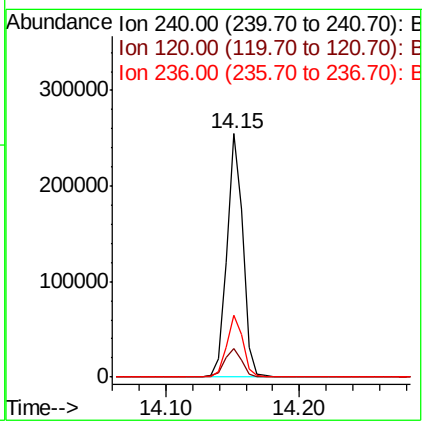


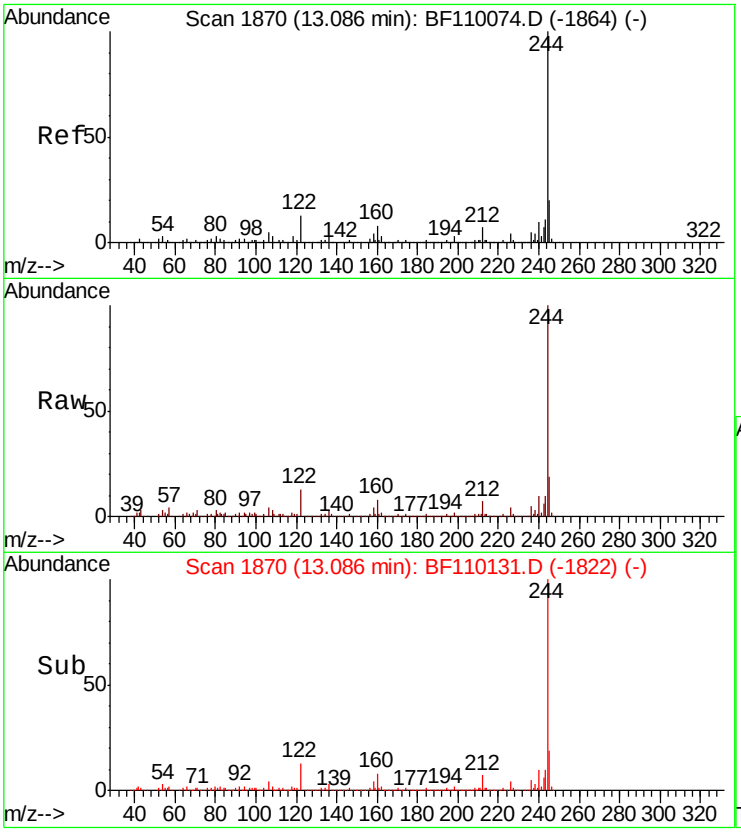


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:240 Resp: 216991

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	25.3	21.2	31.8



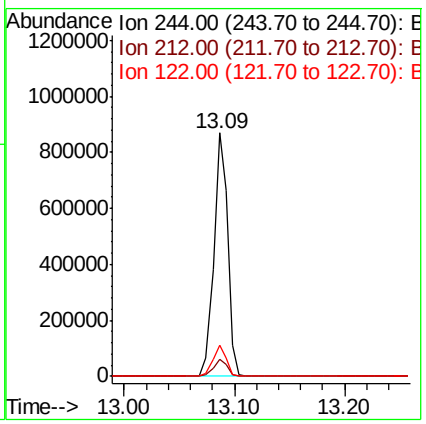


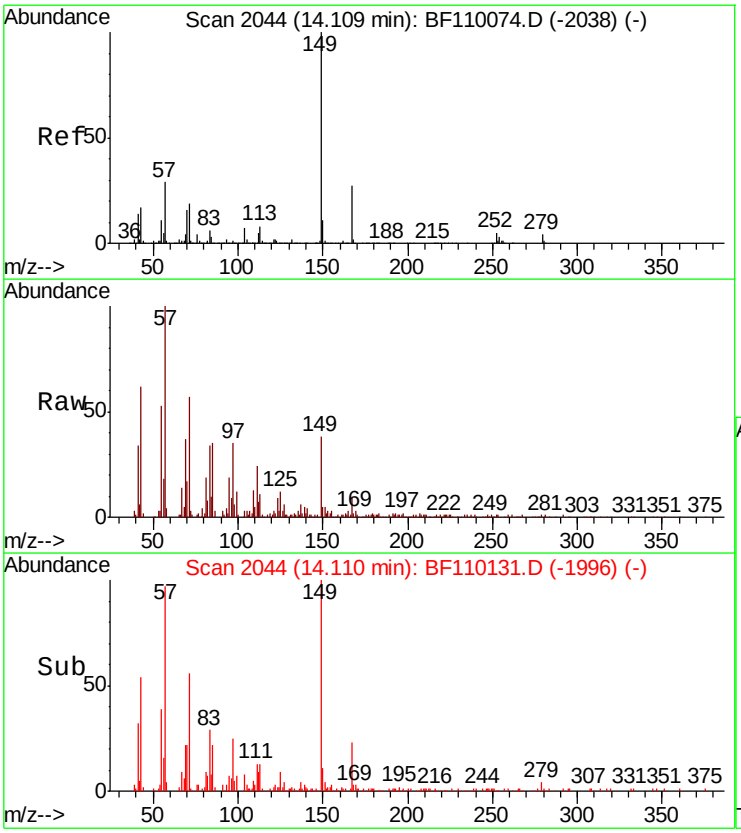
#79
Terphenyl-d14
Concen: 71.545 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 746484

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	8.7	13.1

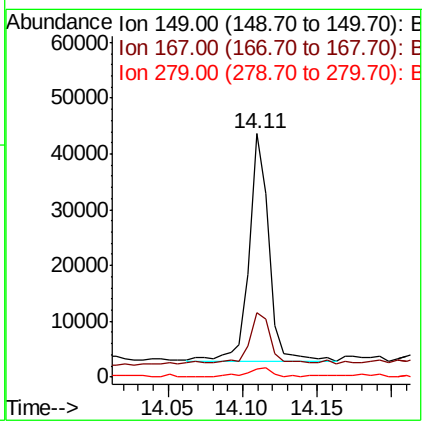


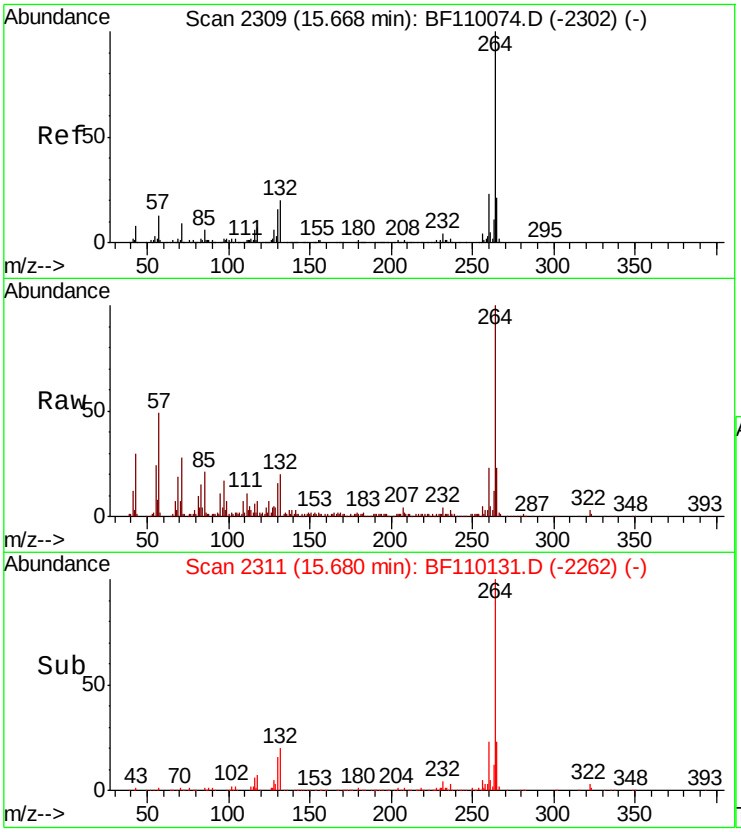


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.038 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Tgt Ion:149 Resp: 36859

Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.6	2.7	4.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110131.D
Acq: 24 Oct 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 160670

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	23.3	16.7	25.1