Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110237.D
Acq On : 27 Oct 2018 3:44
Operator : JU/SJ
Sample : J5686-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 27 06:31:20 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	121594	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	443476	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	174268	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	273011	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	201737	20.00	ng		-0.01
87) Perylene-d12	15.68	264	131614	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	323546	43.33	ng		-0.01
7) Phenol-d6	6.58	99	246860	25.85	ng		-0.02
23) Nitrobenzene-d5	7.53	82	766807	102.56	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	131435	76.14	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	1253696	112.97	ng		-0.01
79) Terphenyl-d14	13.09	244	967708	99.76	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	102103	16.664	ng	#	79
25) Isophorone	7.53	82	766802	60.164	ng	#	67
50) Dimethylphthalate	9.72	163	43120	3.352	ng		97
51) 2,6-Dinitrotoluene	10.01	165	21264	7.674	ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	21264	6.042	ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	8360	2.823	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
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Acq On : 27 Oct 2018 3:44
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Misc :
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Instrument :
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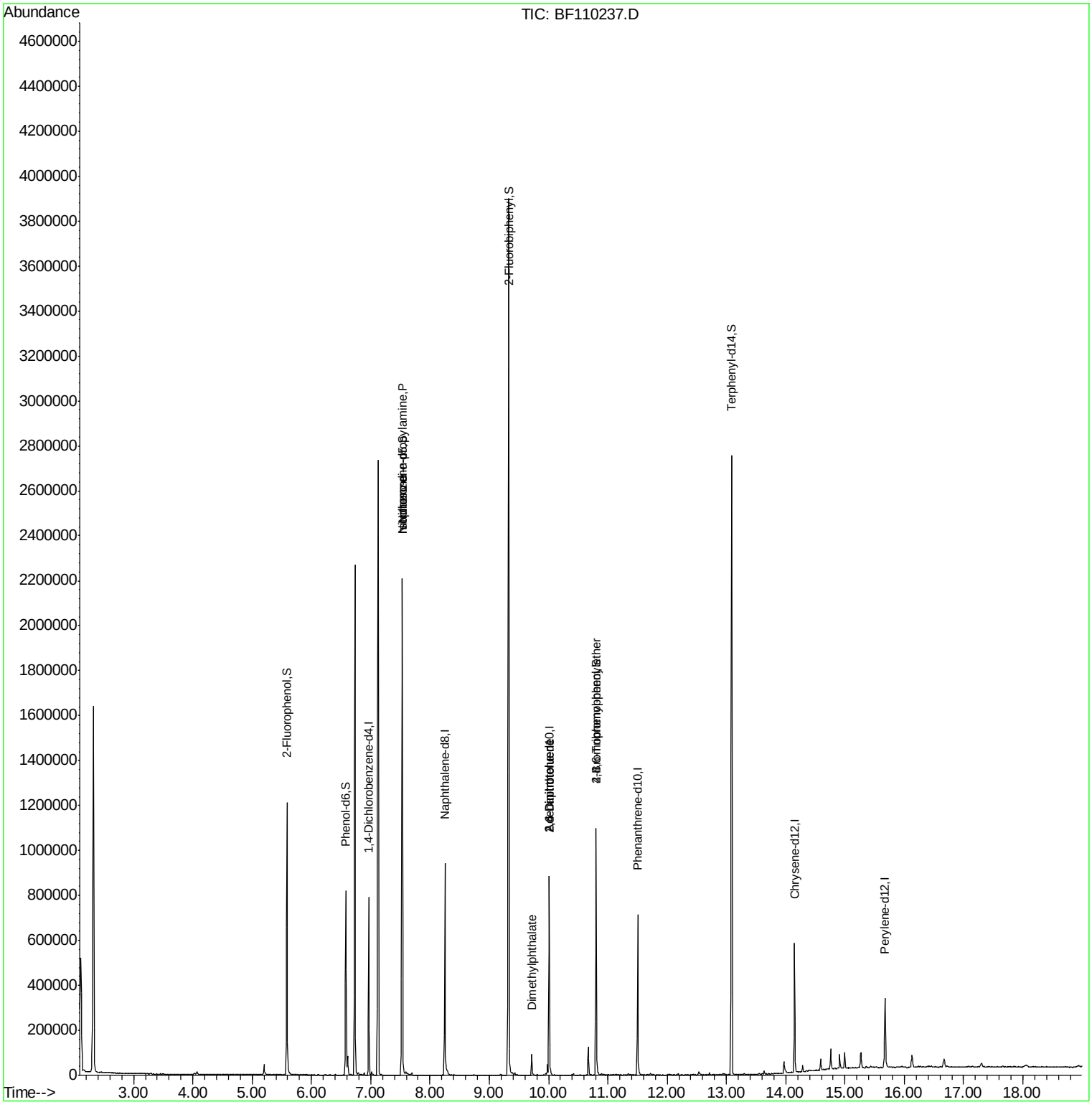
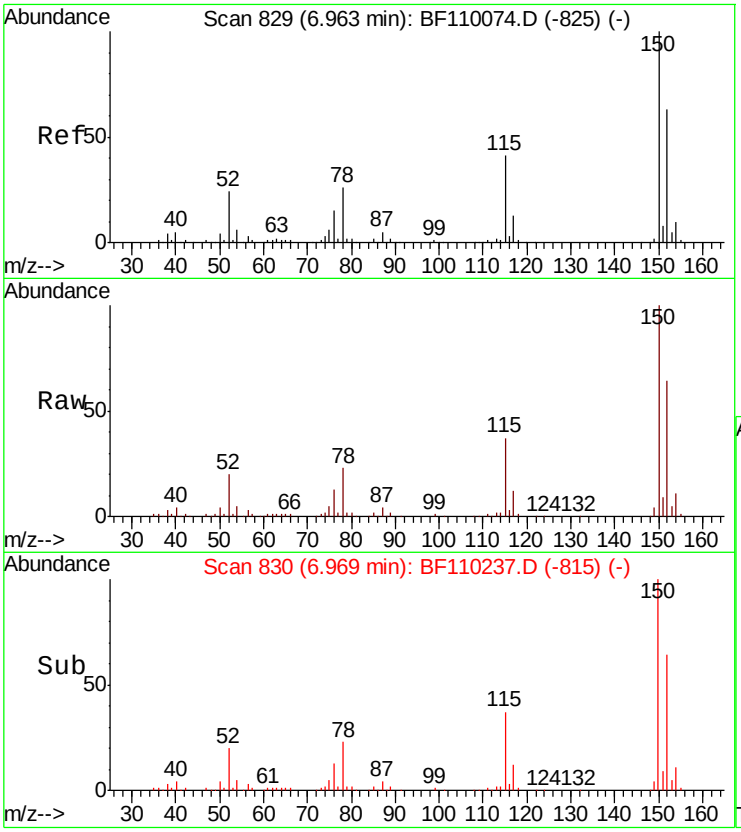
ClientSampleId :

Quant Time: Oct 27 06:31:20 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



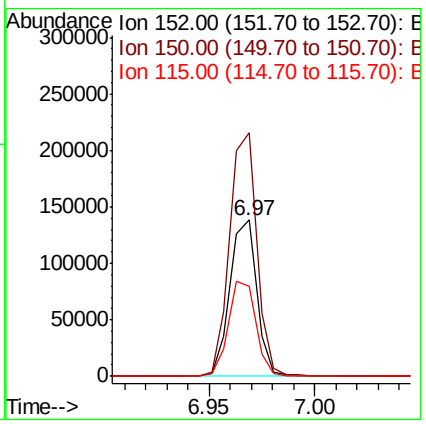


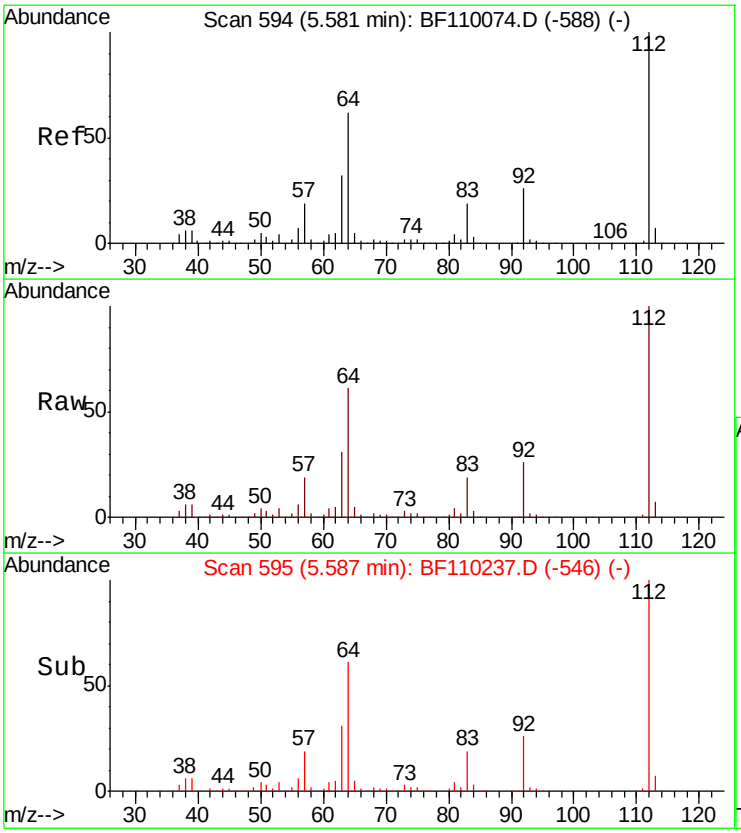
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121594

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	57.9	49.1	73.7

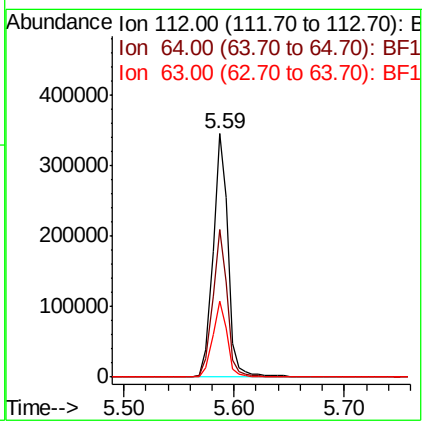


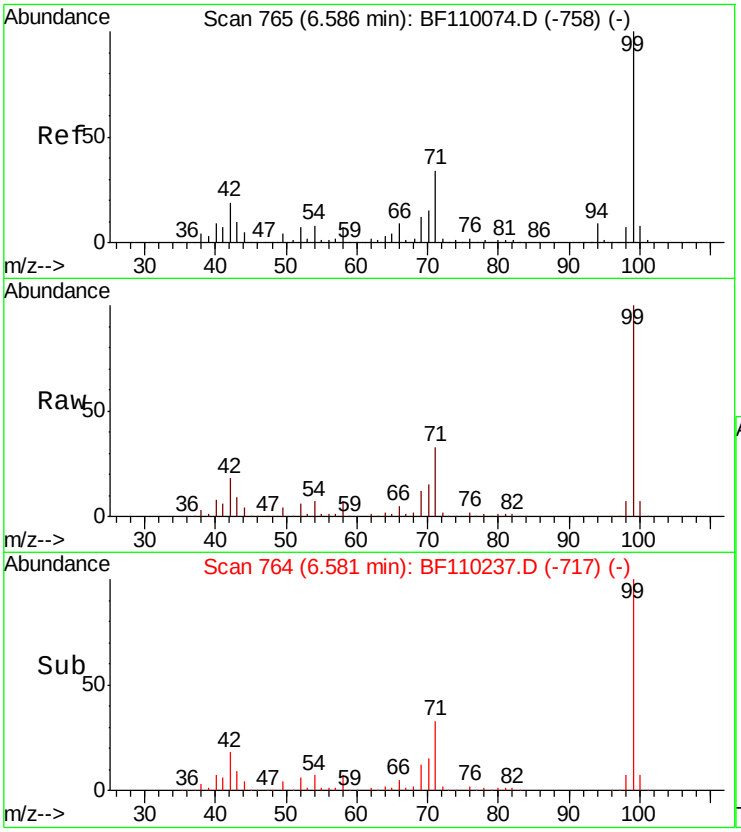


#5
2-Fluorophenol
Concen: 43.331 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:112 Resp: 323546

Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	31.4	23.7	35.5



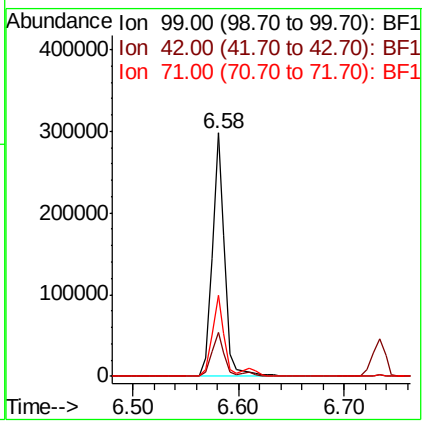


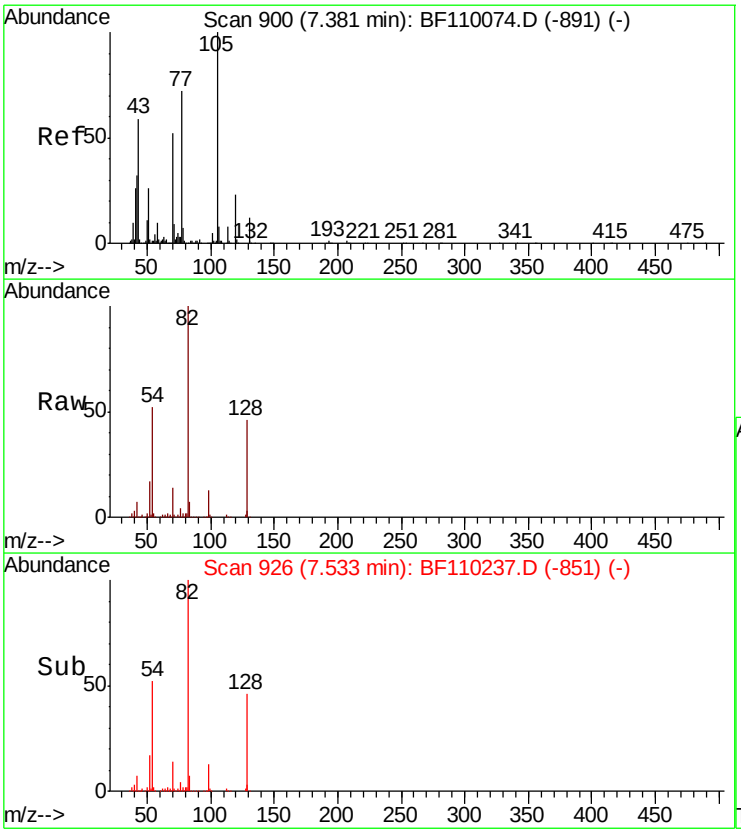
#7
Phenol-d6
Concen: 25.847 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 246860

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.2	28.0	42.0

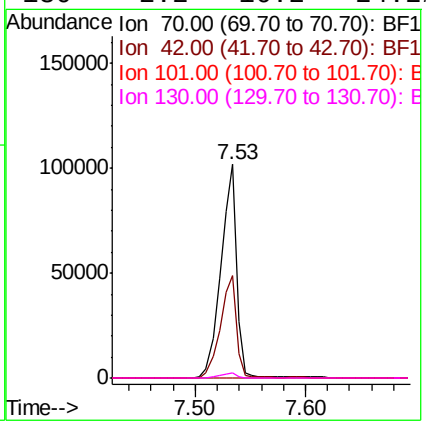


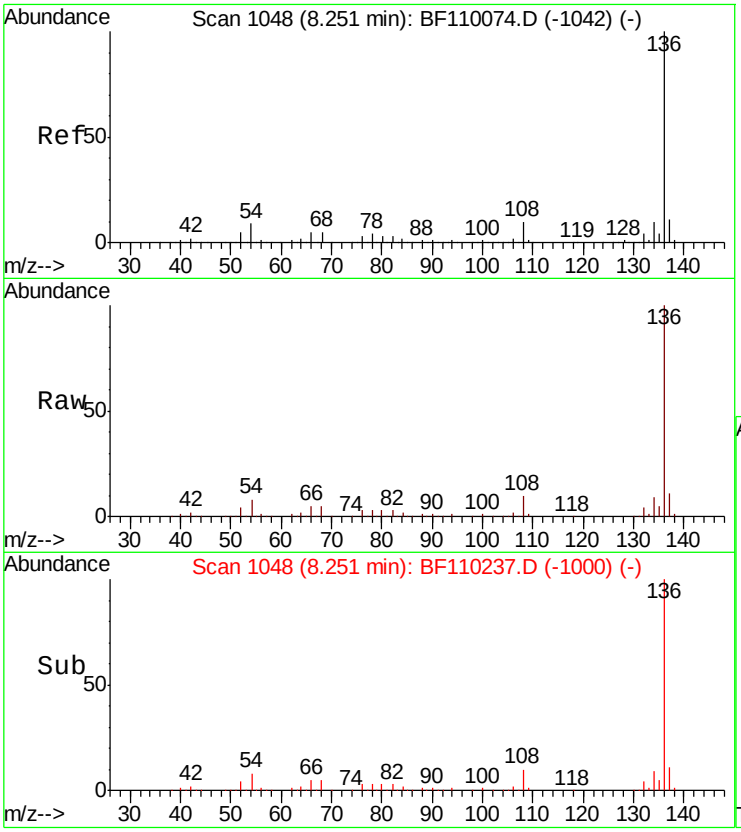


#19
n-Nitroso-di-n-propylamine
Concen: 16.664 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion: 70 Resp: 102103

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



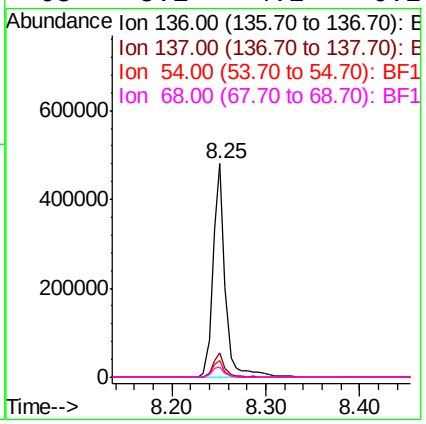


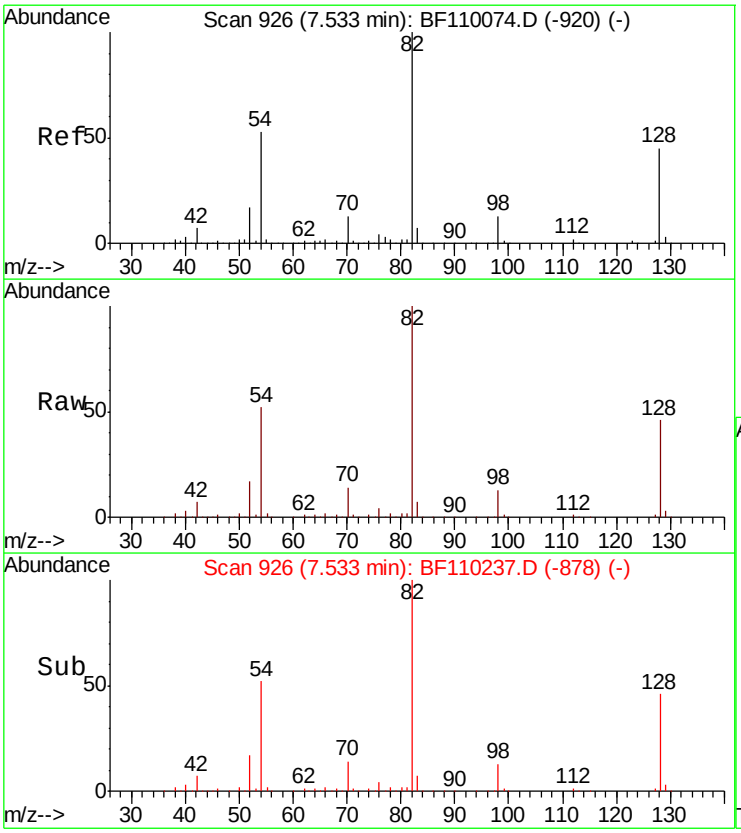
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 443476

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	5.4	8.2
68	5.1	4.2	6.2

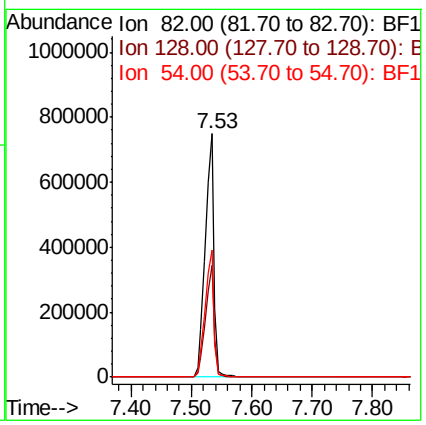


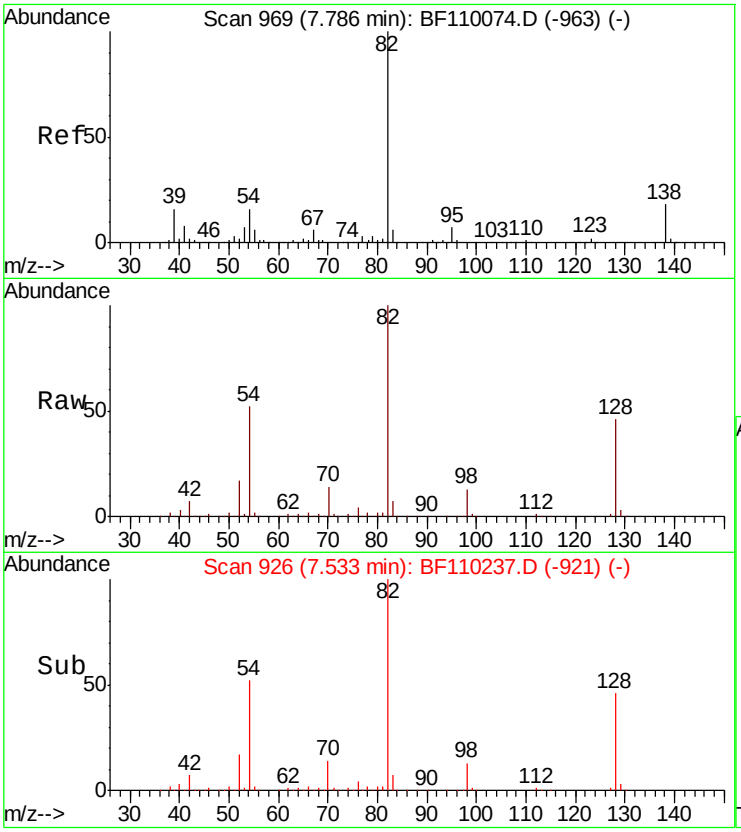


#23
Nitrobenzene-d5
Concen: 102.557 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion: 82 Resp: 766807

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	52.0	38.6	58.0



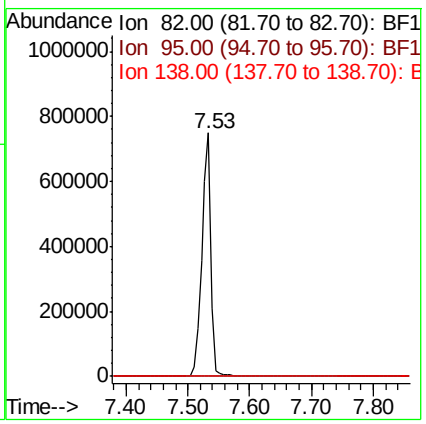


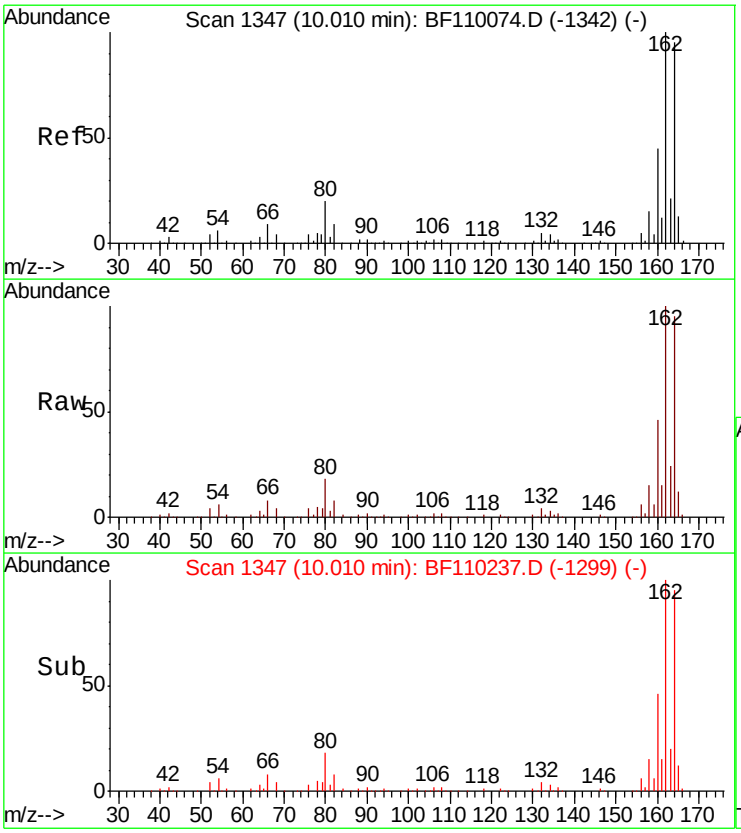
#25
Isophorone
Concen: 60.164 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 766802

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

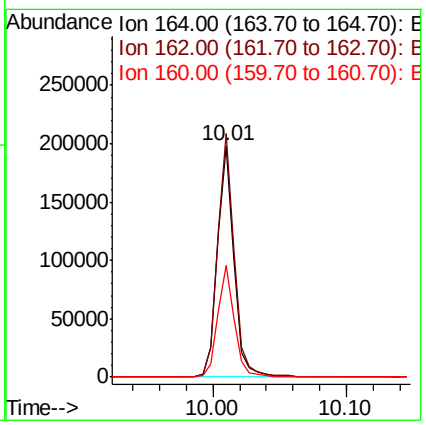


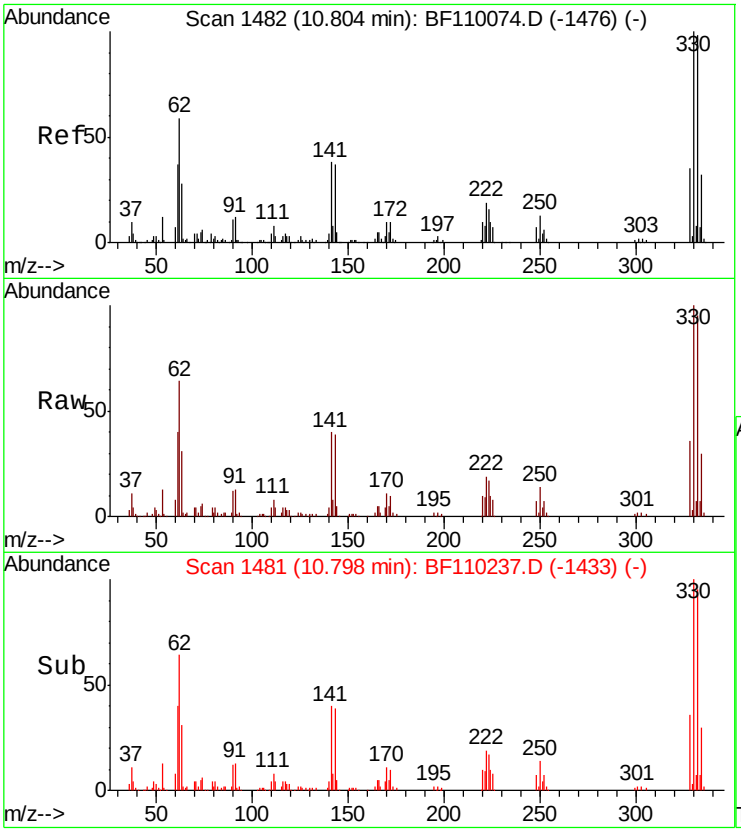


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:164 Resp: 174268

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	48.3	37.0	55.6



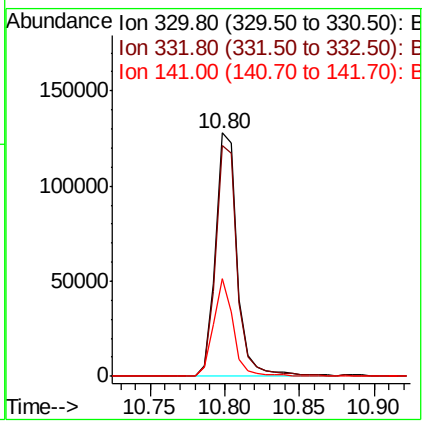


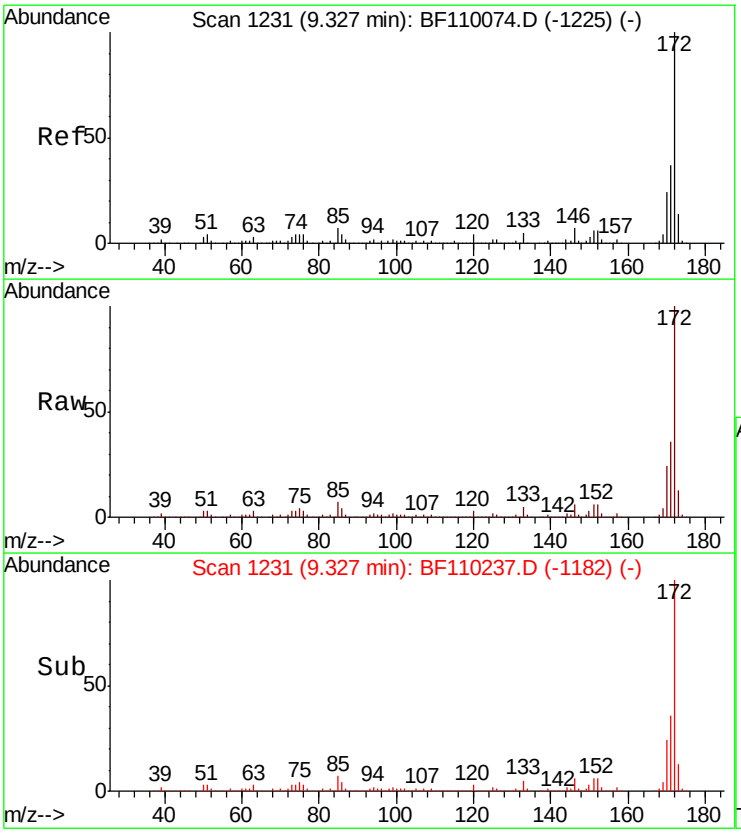
#42
2,4,6-Tribromophenol
Concen: 76.139 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 131435

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	35.6	27.0	40.4

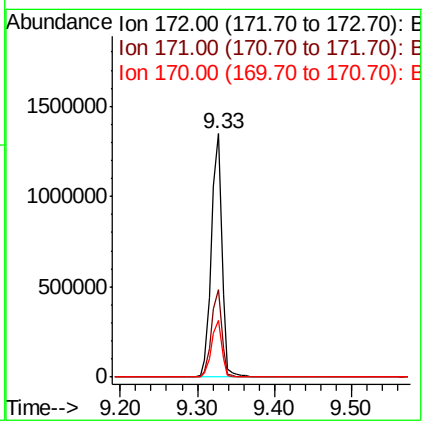


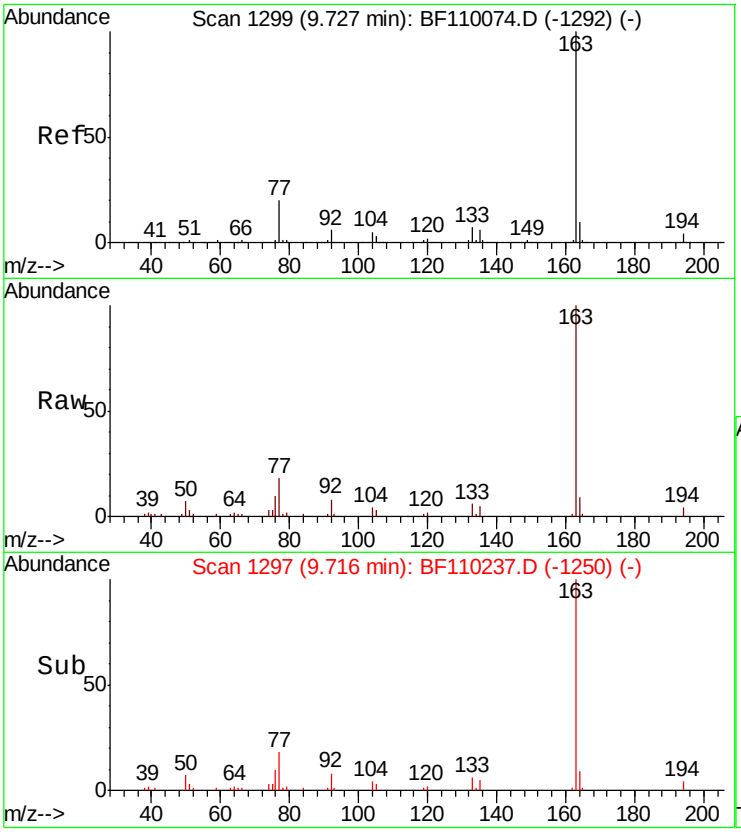


#45
2-Fluorobiphenyl
Concen: 112.965 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:172 Resp: 1253696

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

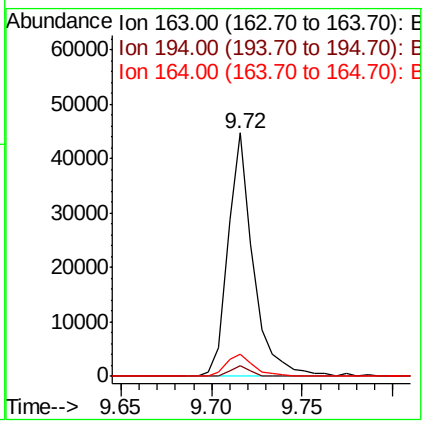




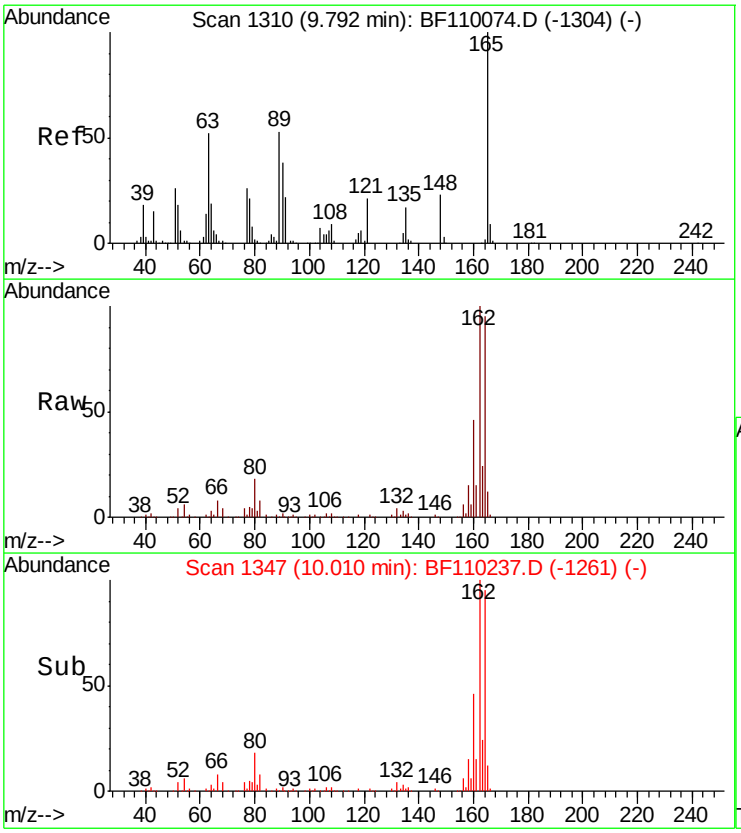
#50
Dimethylphthalate
Concen: 3.352 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:163 Resp: 43120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	8.9	8.1	12.1



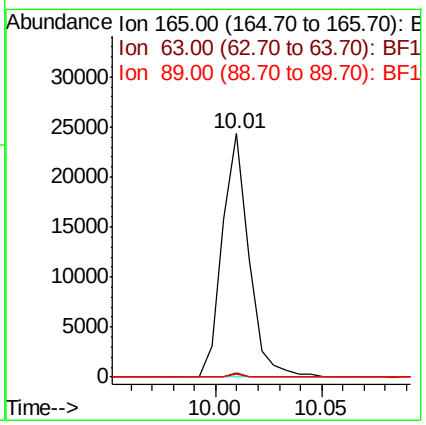
Instrument :
BNA_F
ClientSampleId :

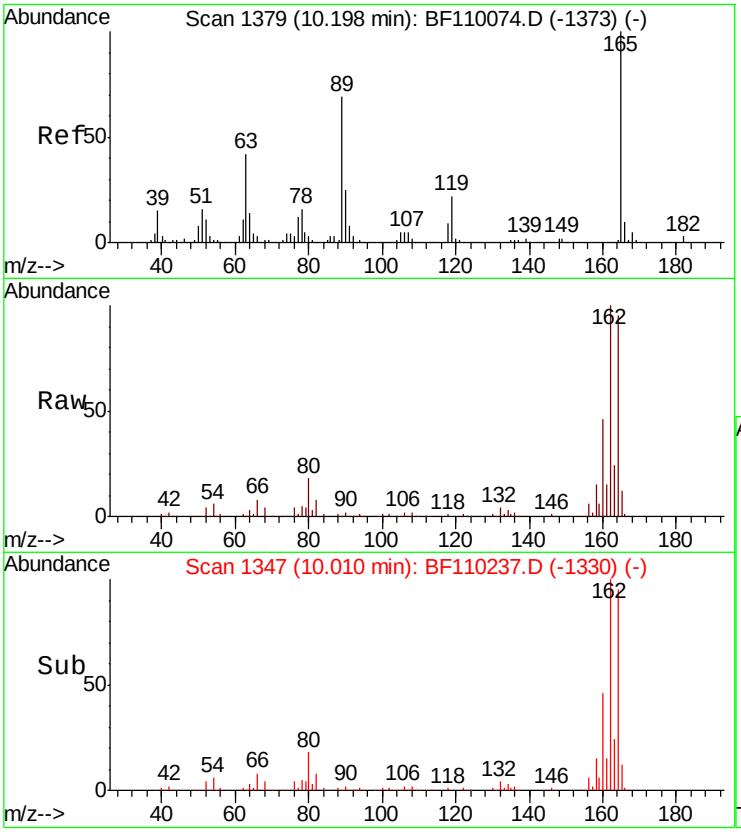


#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:165 Resp: 21264

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.3	46.6	69.8#



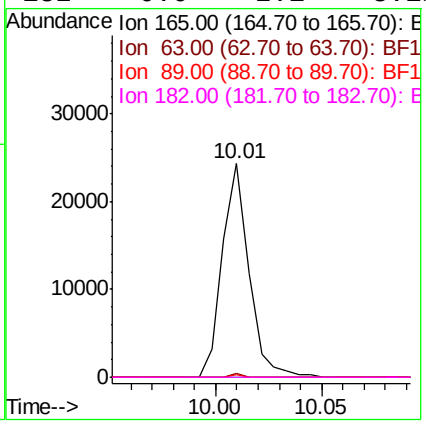


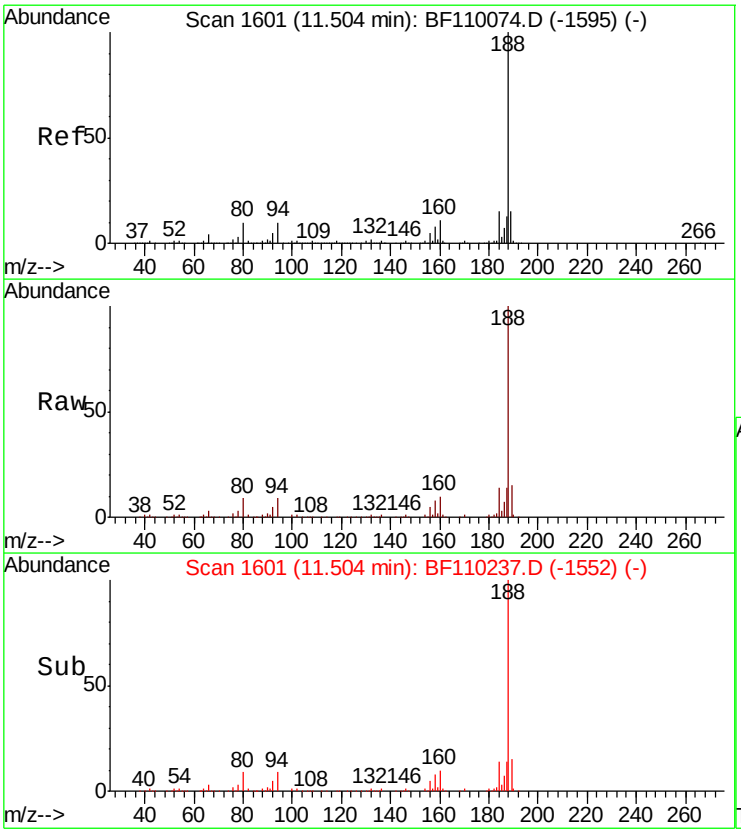
#57
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21264

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

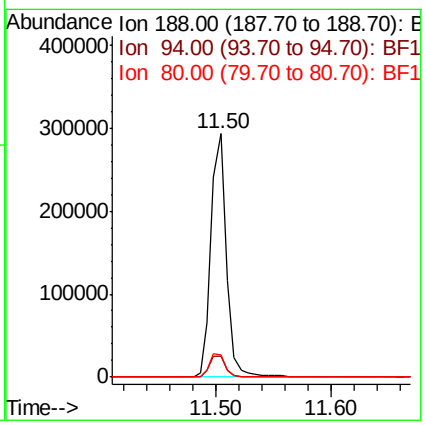


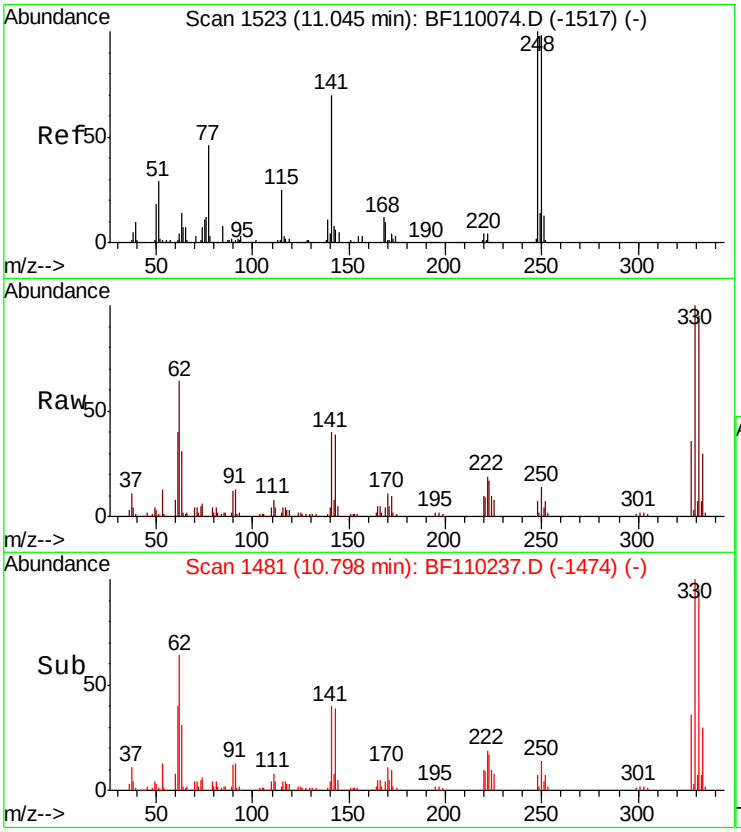


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:188 Resp: 273011

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.1	7.9	11.9



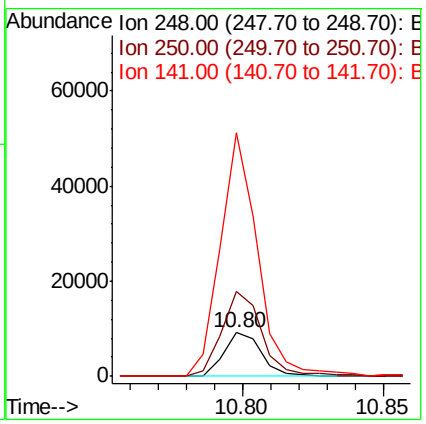


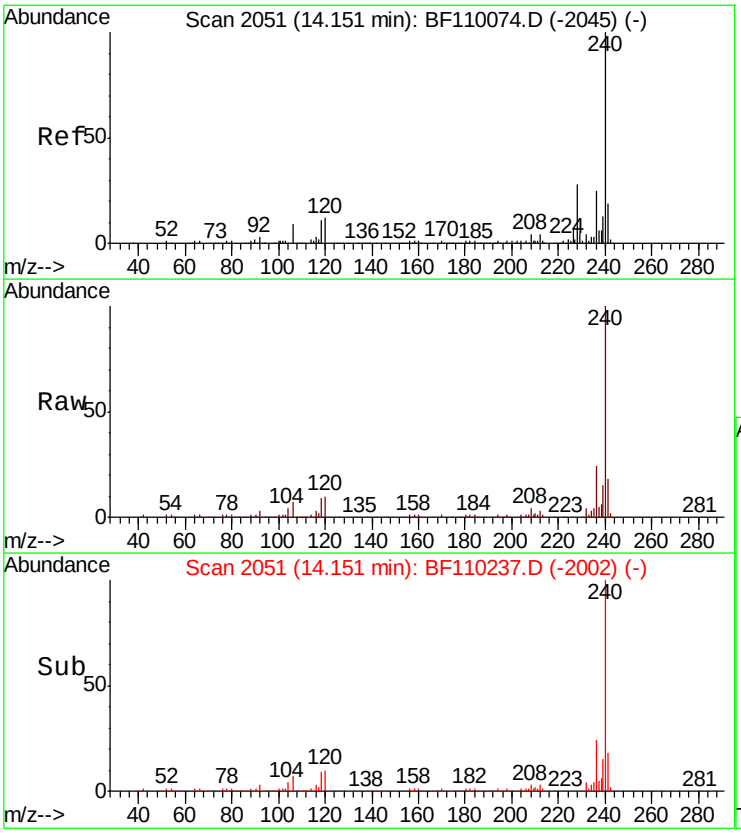
#67
4-Bromophenyl-phenylether
Concen: 2.823 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8360

Ion	Ratio	Lower	Upper
248	100		
250	194.0	79.4	119.2#
141	558.9	55.9	83.9#

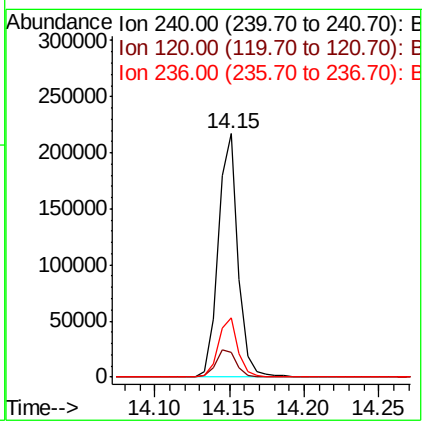


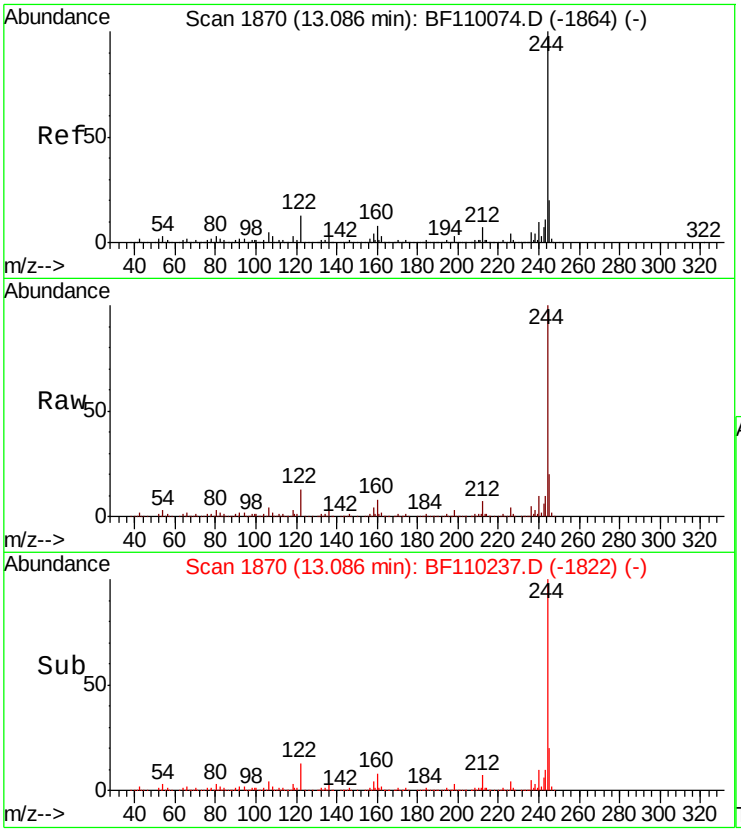


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:240 Resp: 201737

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	24.4	21.2	31.8



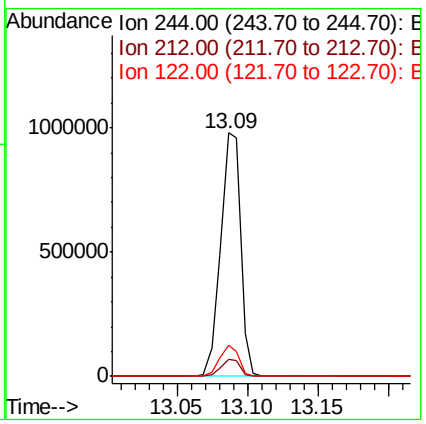


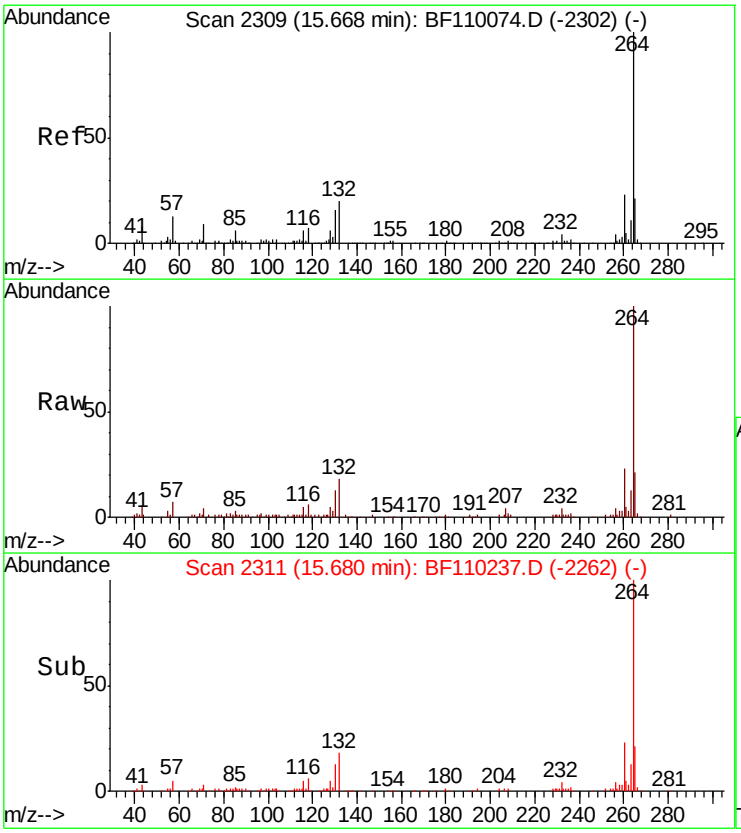
#79
Terphenyl-d14
Concen: 99.761 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 967708

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110237.D
Acq: 27 Oct 2018 3:44

Tgt Ion:264 Resp: 131614

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.8	16.7	25.1