Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110198.D
Acq On : 26 Oct 2018 8:59
Operator : JU/SJ
Sample : J5662-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 102318-SIDI-F-D-M

Quant Time: Oct 26 14:38:54 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	115430	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	428802	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	167901	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278261	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	205374	20.00	ng	-0.01
87) Perylene-d12	15.67	264	153334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	272814	38.49	ng	-0.01
7) Phenol-d6	6.58	99	227755	25.12	ng	-0.02
23) Nitrobenzene-d5	7.53	82	621389	85.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	113948	68.51	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1050127	98.21	ng	-0.01
79) Terphenyl-d14	13.09	244	883631	89.48	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	728	Below Cal	#	1
10) Phenol	6.59	94	39488	4.075	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	81310	13.979	ng	# 81
25) Isophorone	7.53	82	621384	50.423	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	20800	7.791	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	20800	6.134	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7132	2.363	ng	# 1

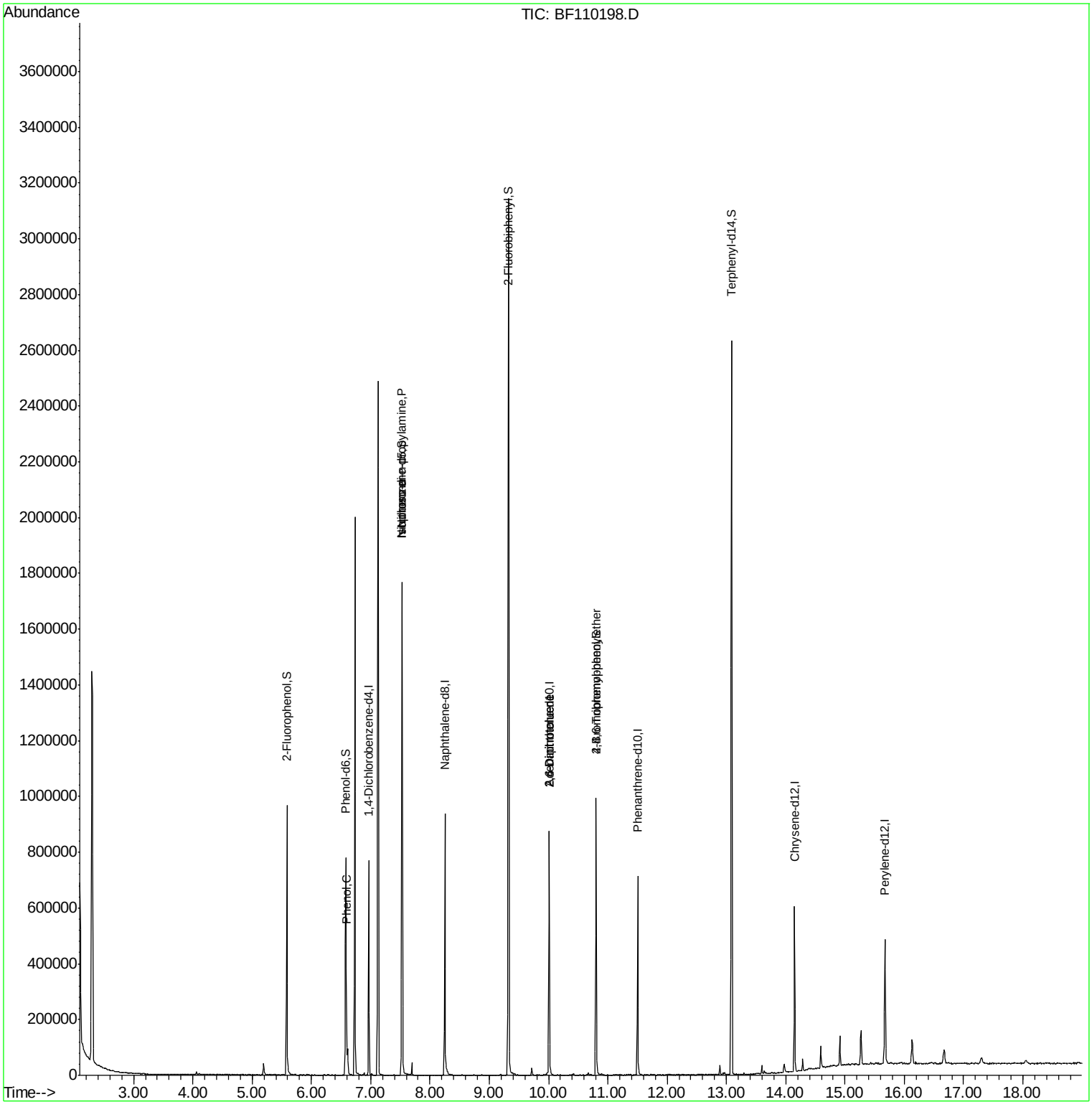
(#) = qualifier out of range (m) = manual integration (+) = signals summed

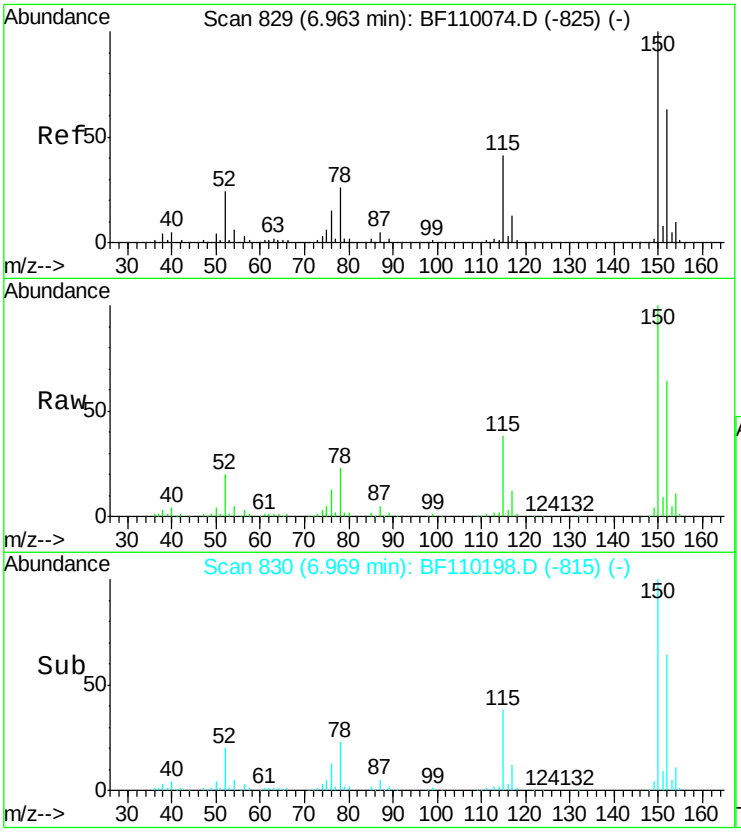
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110198.D
Acq On : 26 Oct 2018 8:59
Operator : JU/SJ
Sample : J5662-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Quant Time: Oct 26 14:38:54 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



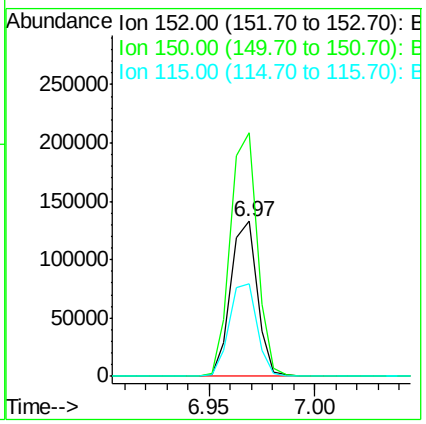


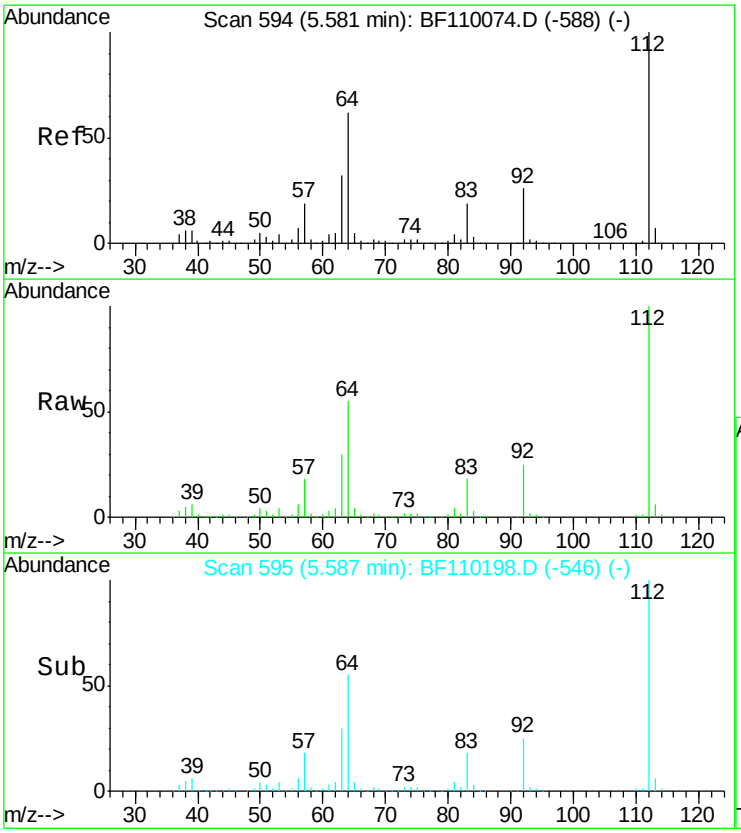
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:152 Resp: 115430

Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	59.8	49.1	73.7

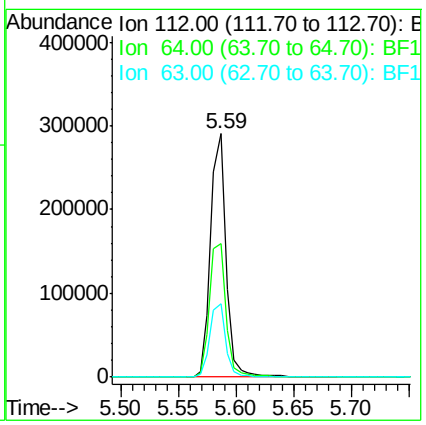


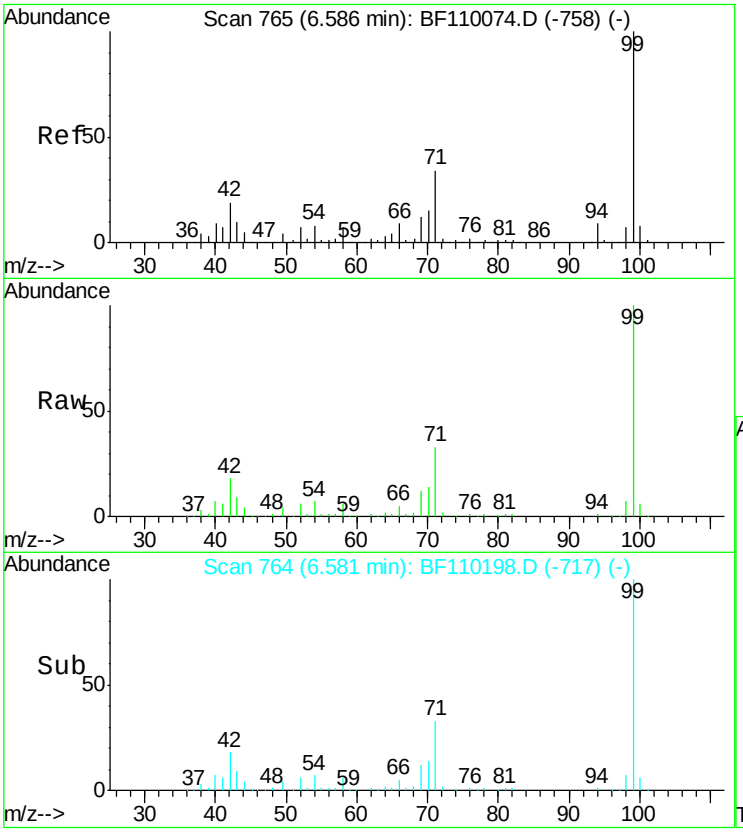


#5
2-Fluorophenol
Concen: 38.488 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:112 Resp: 272814

Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.1	66.1
63	30.0	23.7	35.5



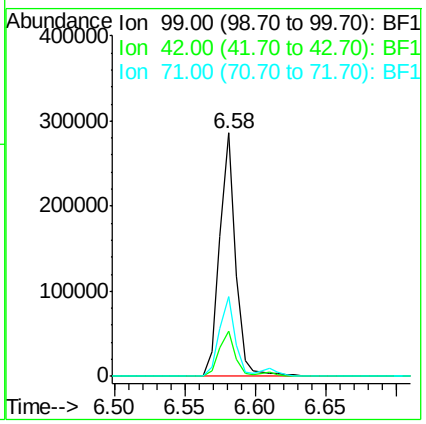


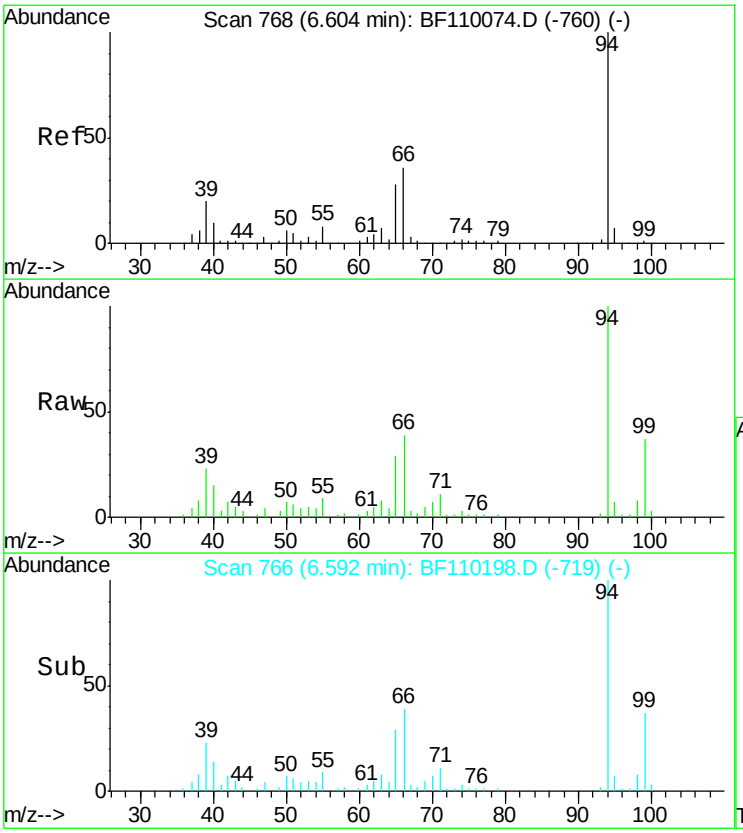
#7
Phenol-d6
Concen: 25.120 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion: 99 Resp: 227755

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	33.0	28.0	42.0

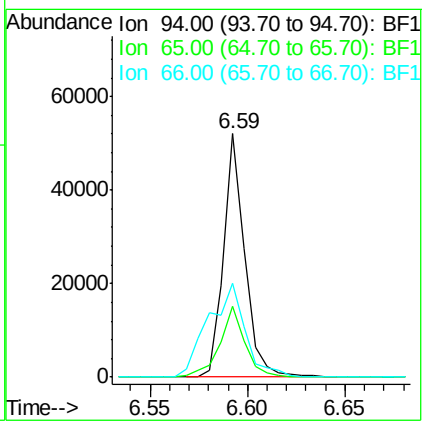


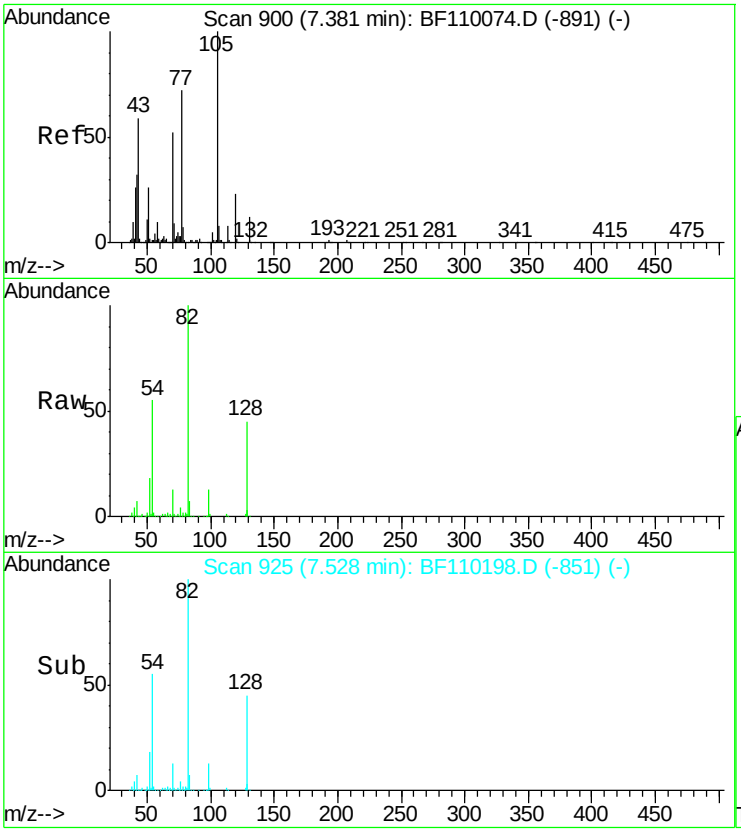


#10
Phenol
Concen: 4.075 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion: 94 Resp: 39488

Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.3	65.3
66	38.7	54.5	94.5#



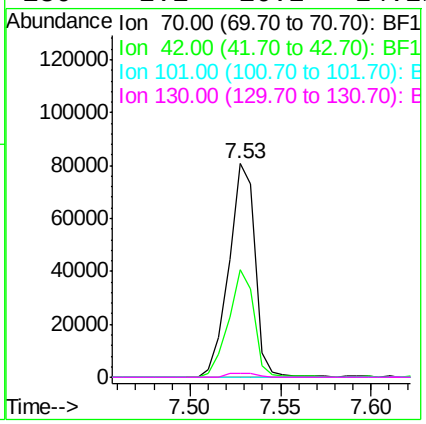


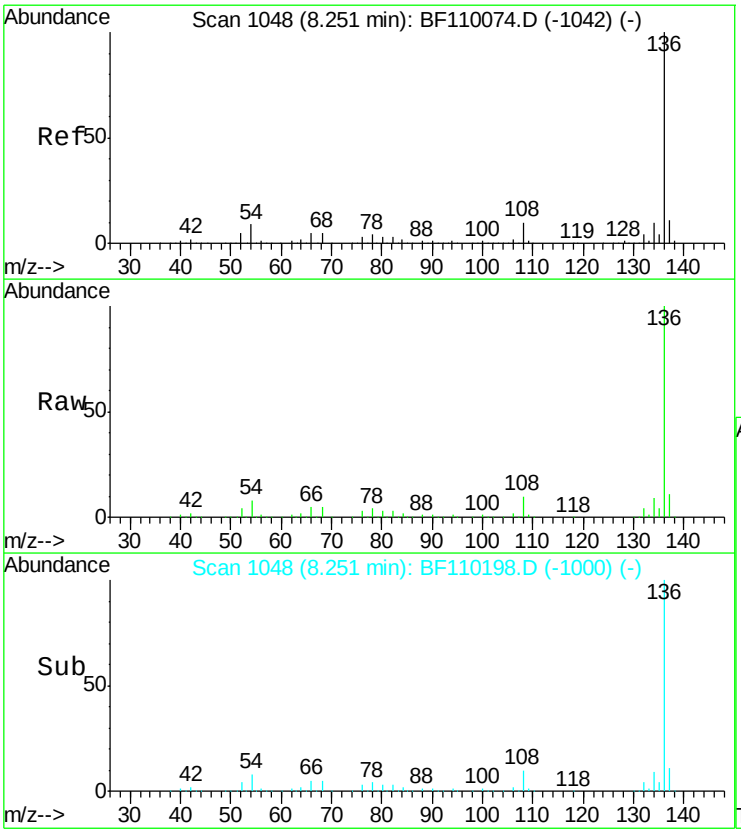
#19
n-Nitroso-di-n-propylamine
Concen: 13.979 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion: 70 Resp: 81310

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#

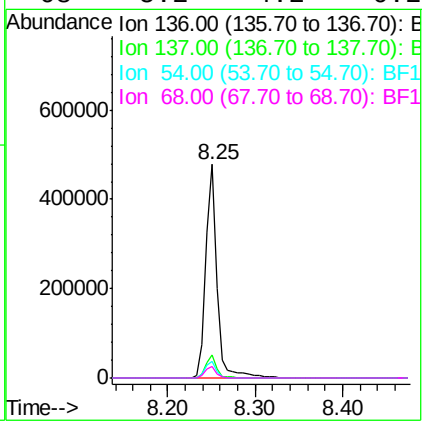


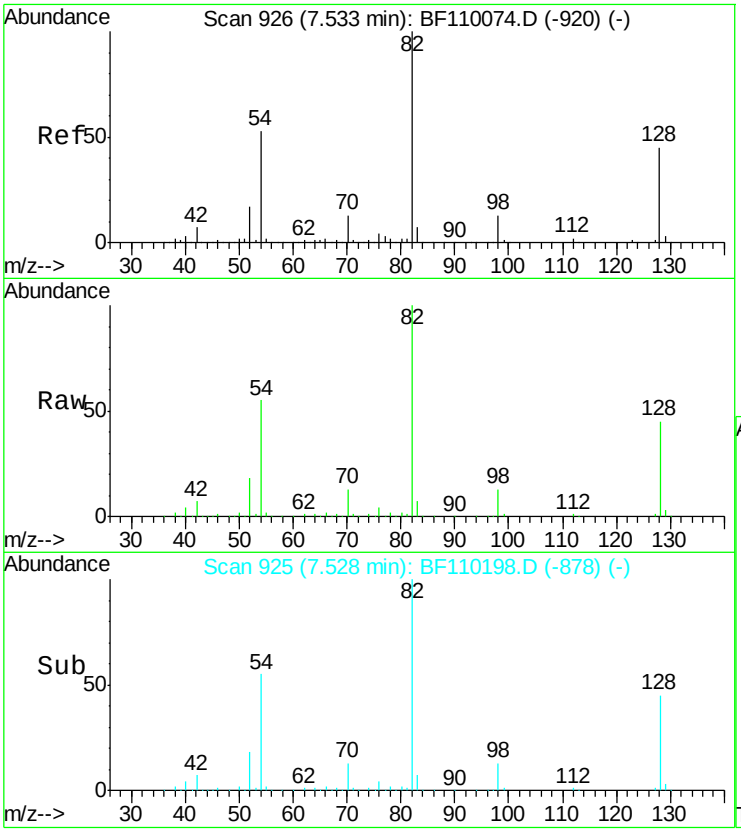


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:136 Resp: 428802

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.9	5.4	8.2
68	5.2	4.2	6.2



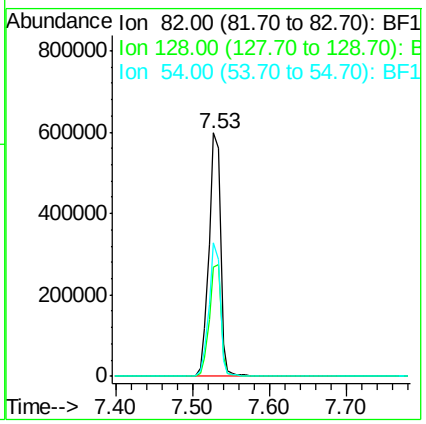


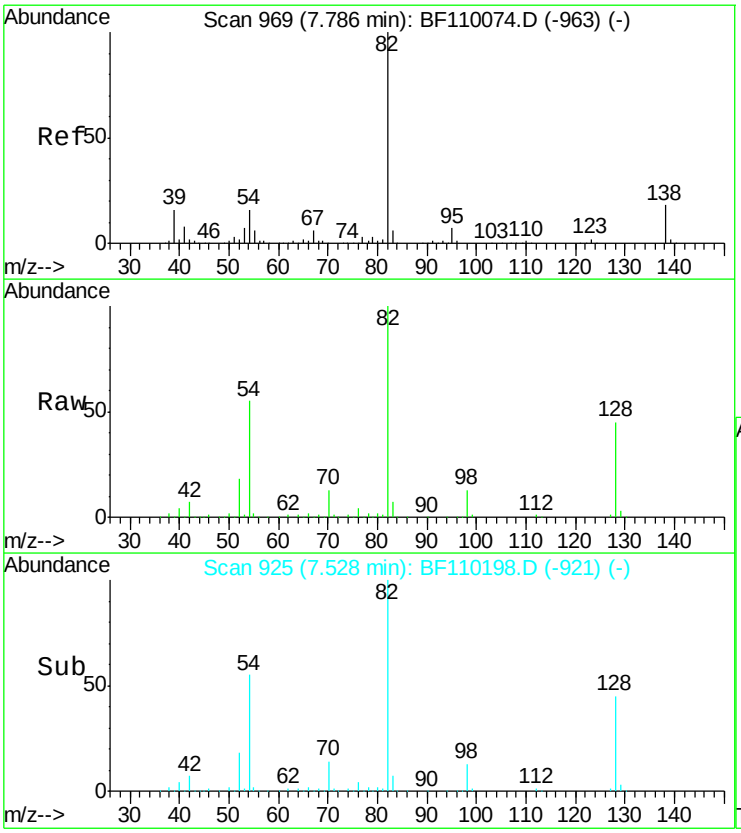
#23
Nitrobenzene-d5
Concen: 85.952 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion: 82 Resp: 621389

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	54.7	38.6	58.0

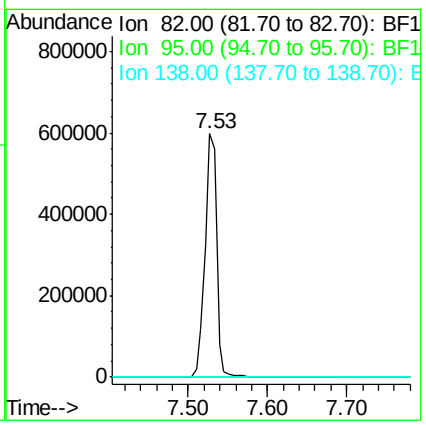


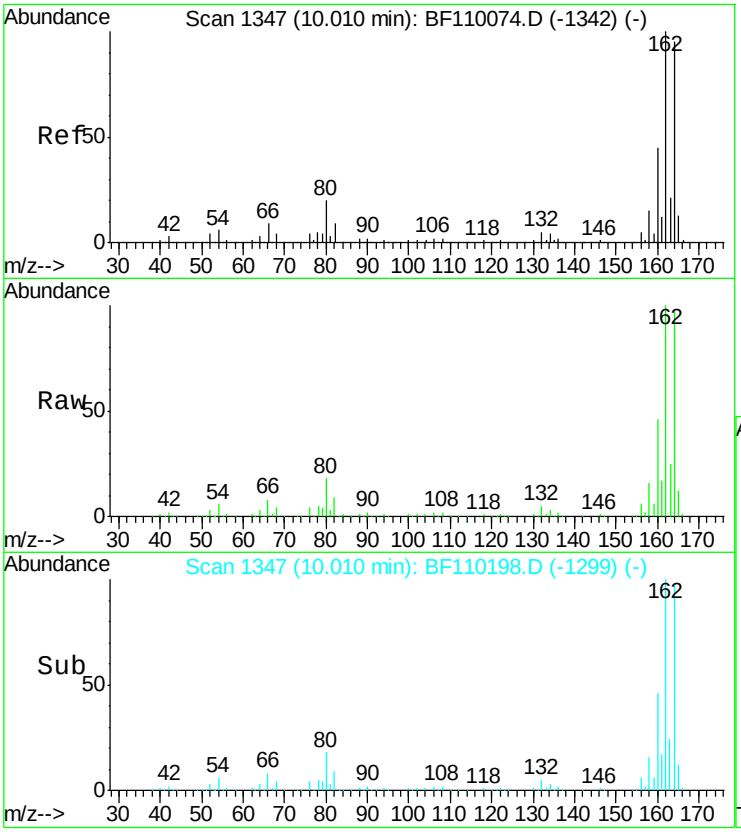


#25
Isophorone
Concen: 50.423 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion: 82 Resp: 621384

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



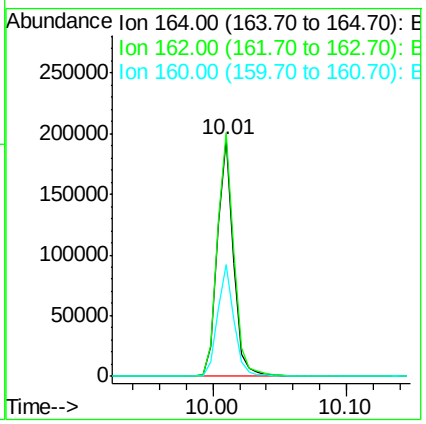


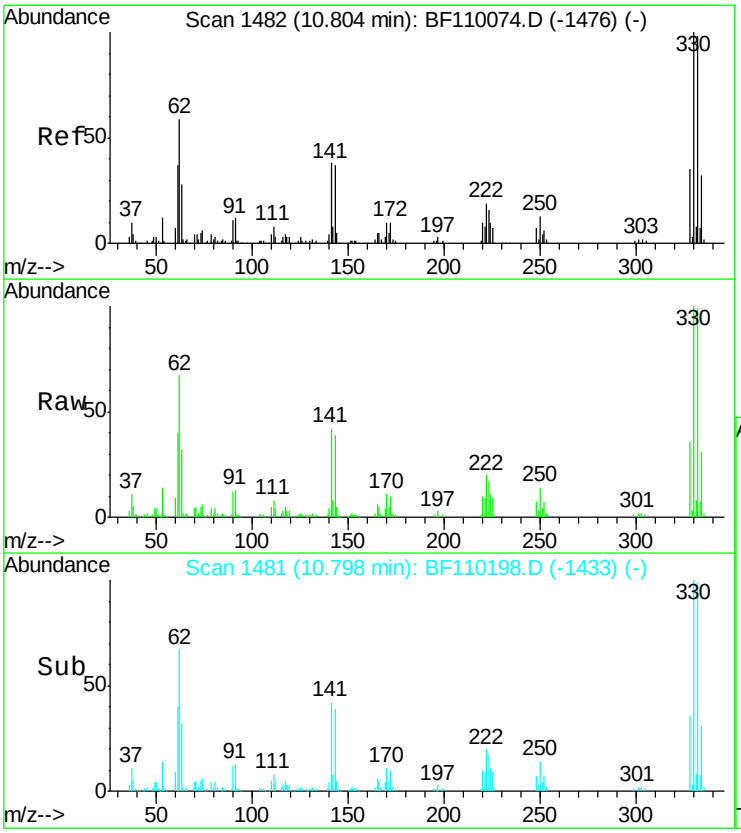
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:164 Resp: 167901

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	47.1	37.0	55.6

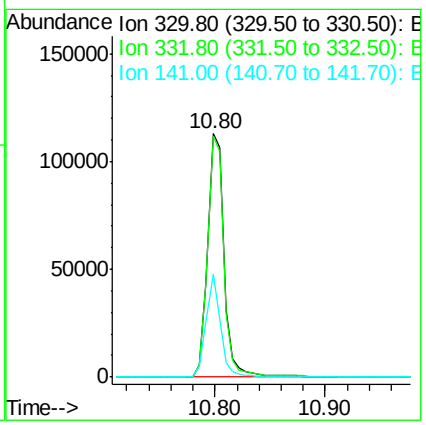


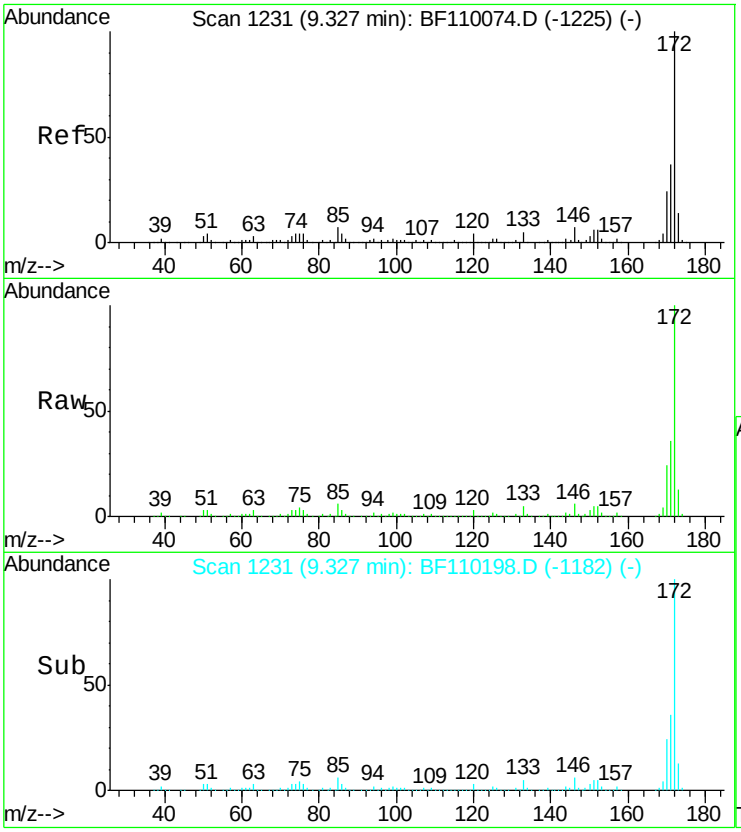


#42
2,4,6-Tribromophenol
Concen: 68.513 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:330 Resp: 113948

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	36.6	27.0	40.4



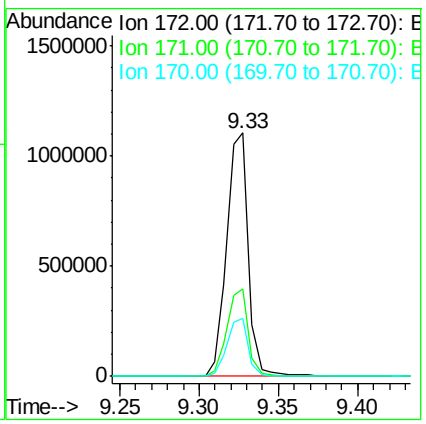


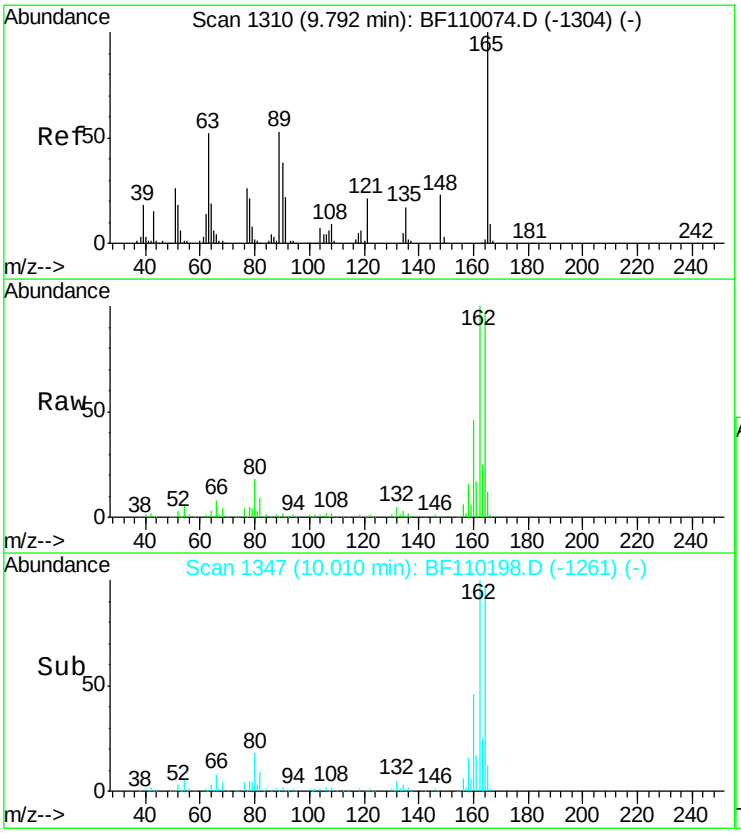
#45
2-Fluorobiphenyl
Concen: 98.211 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:172 Resp: 1050127

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.6	19.7	29.5

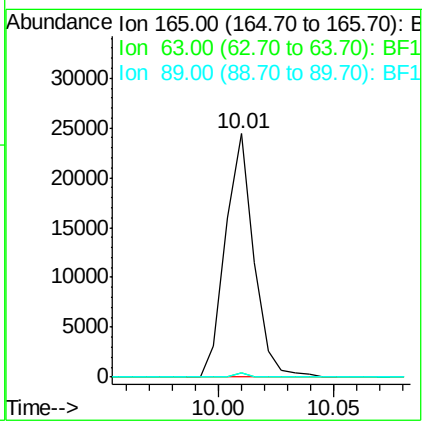


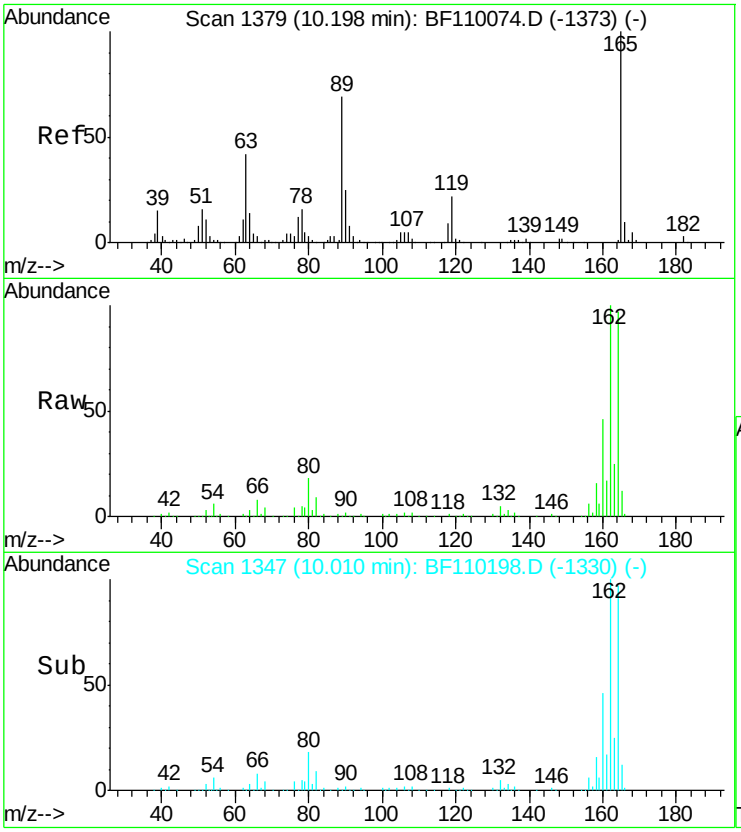


#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:165 Resp: 20800

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.8	46.6	69.8#



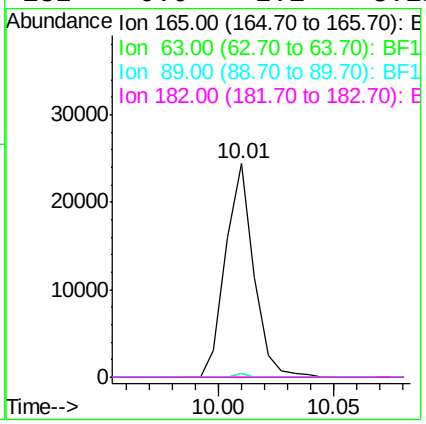


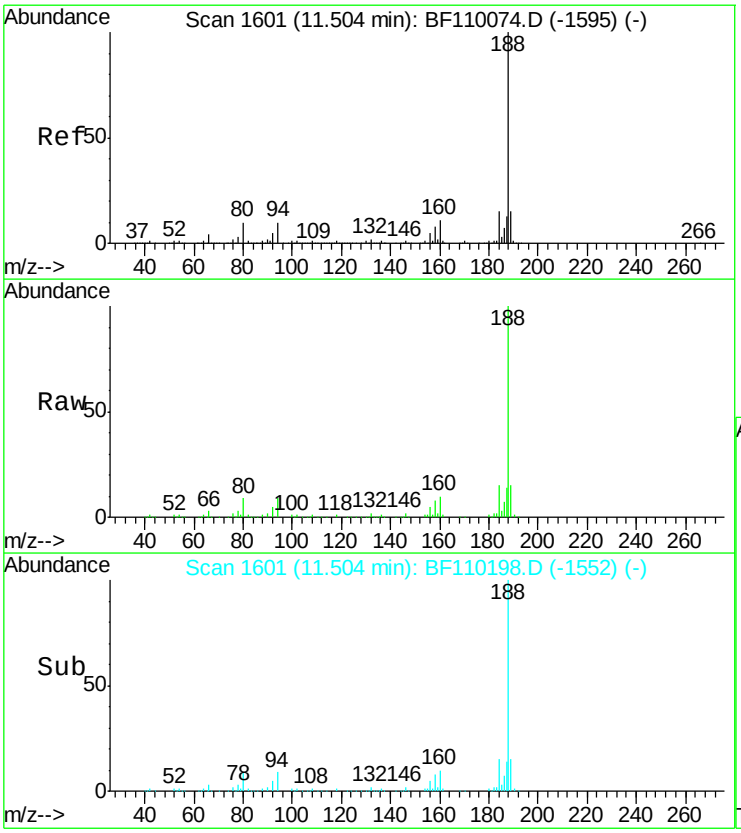
#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:165 Resp: 20800

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#

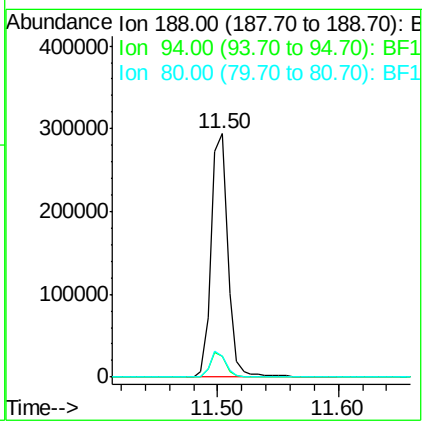


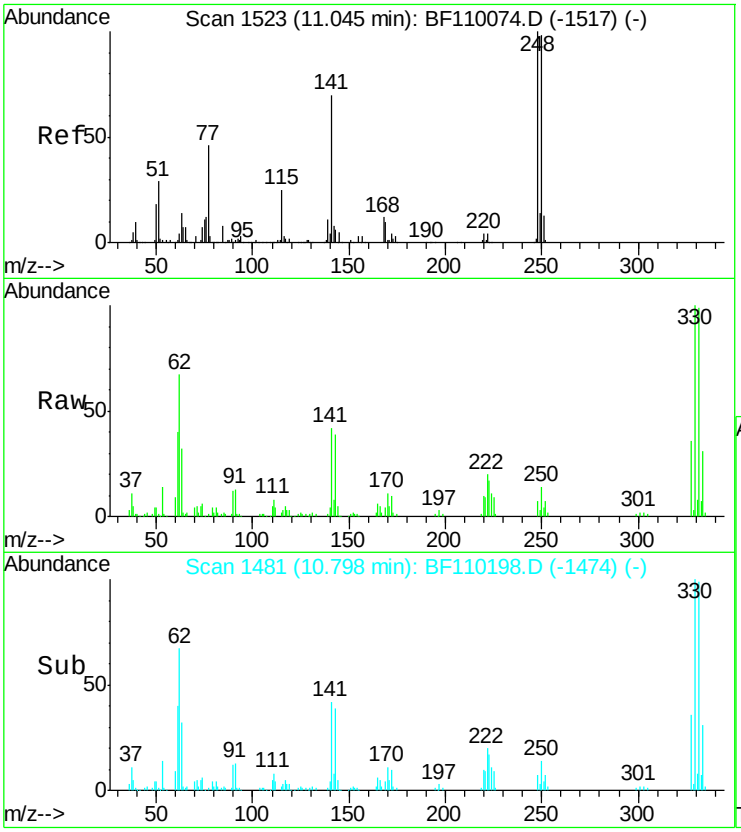


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:188 Resp: 278261

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.8	7.9	11.9



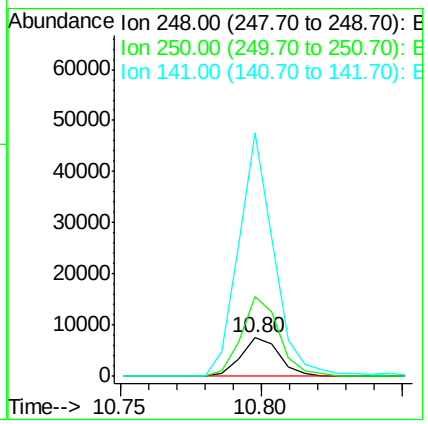


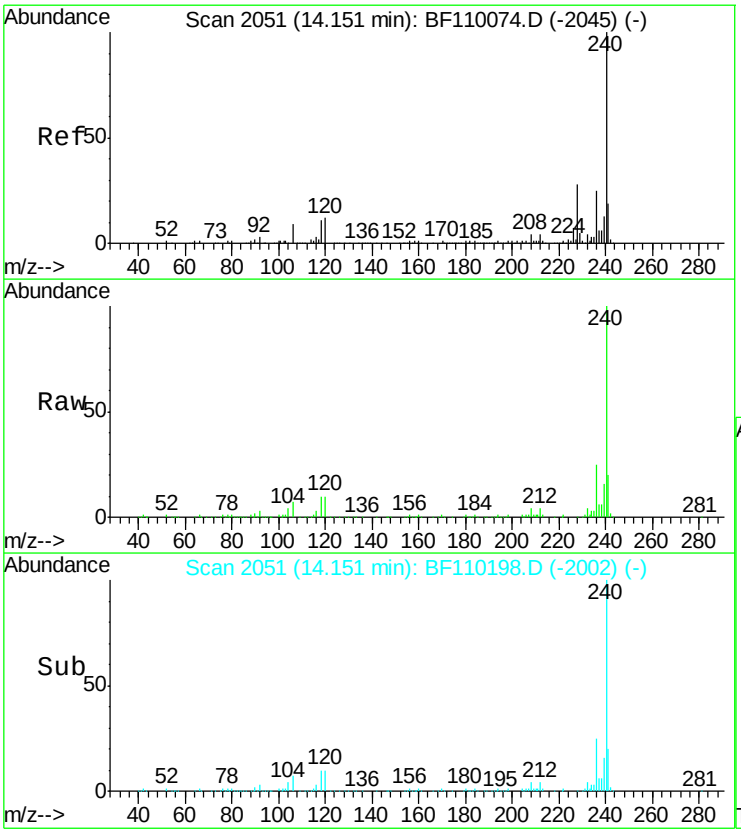
#67
4-Bromophenyl-phenylether
Concen: 2.363 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:248 Resp: 7132

Ion	Ratio	Lower	Upper
248	100		
250	207.5	79.4	119.2#
141	630.7	55.9	83.9#

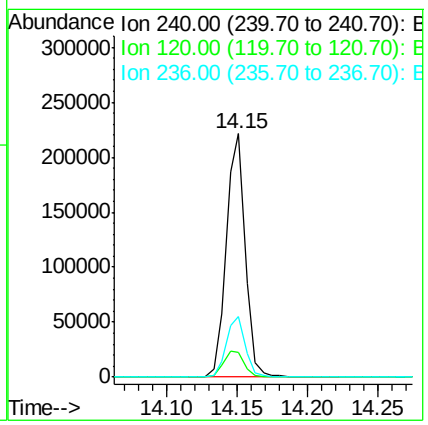


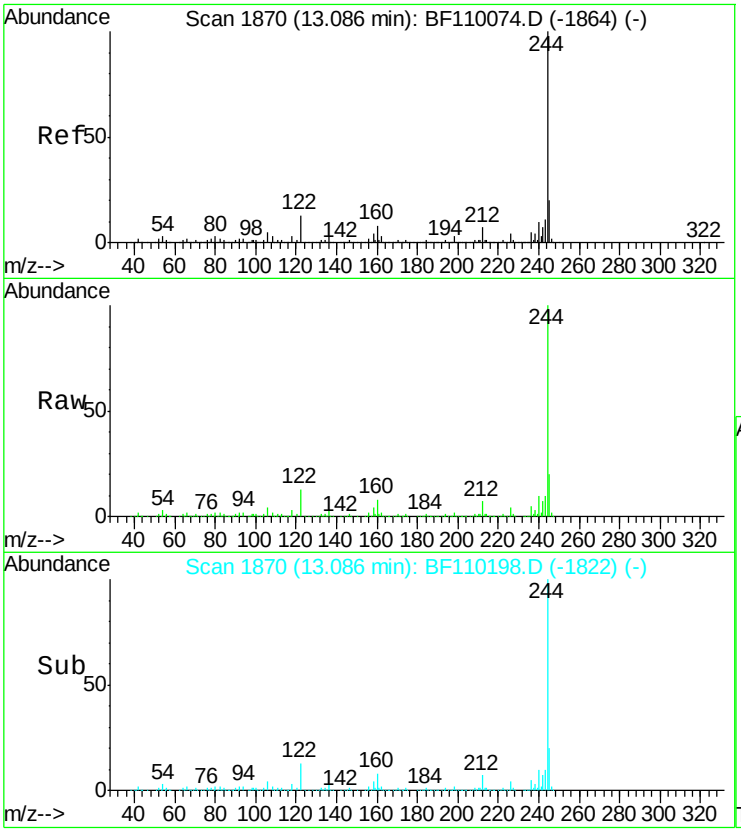


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:240 Resp: 205374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	21.2	31.8



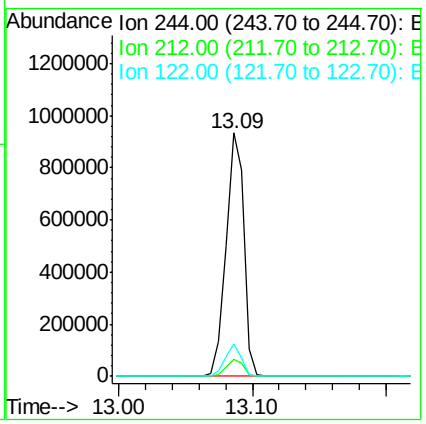


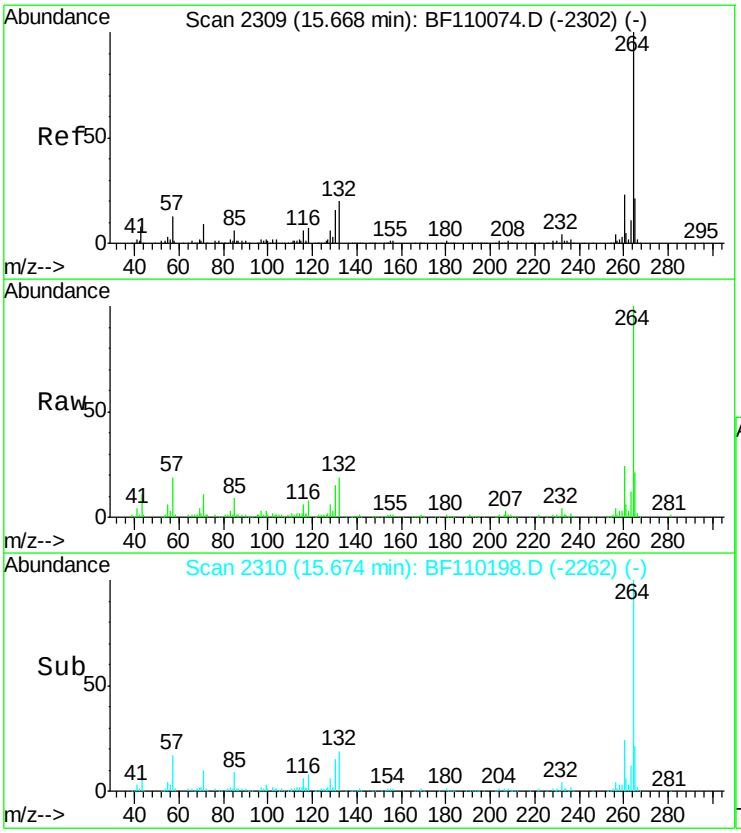
#79
Terphenyl-d14
Concen: 89.481 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

Tgt Ion:244 Resp: 883631

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.2	8.7	13.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:264 Resp: 153334

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.2	16.7	25.1