Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110196.D
Acq On : 26 Oct 2018 8:05
Operator : JU/SJ
Sample : J5650-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 102218-SIDI-E-U-S

Quant Time: Oct 26 14:38:34 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	123987	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	480290	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	192076	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	310547	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	232600	20.00	ng	-0.01
87) Perylene-d12	15.67	264	173191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	318058	41.77	ng	-0.01
7) Phenol-d6	6.58	99	237549	24.39	ng	-0.02
23) Nitrobenzene-d5	7.53	82	747174	92.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	143687	75.52	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1317676	107.72	ng	-0.01
79) Terphenyl-d14	13.09	244	991601	88.66	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	640	Below Cal	#	1
10) Phenol	6.59	94	46929	4.508	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	100617	16.105	ng	# 78
25) Isophorone	7.53	82	747164	54.130	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	24357	7.975	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	24357	6.279	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	9525	2.828	ng	# 1

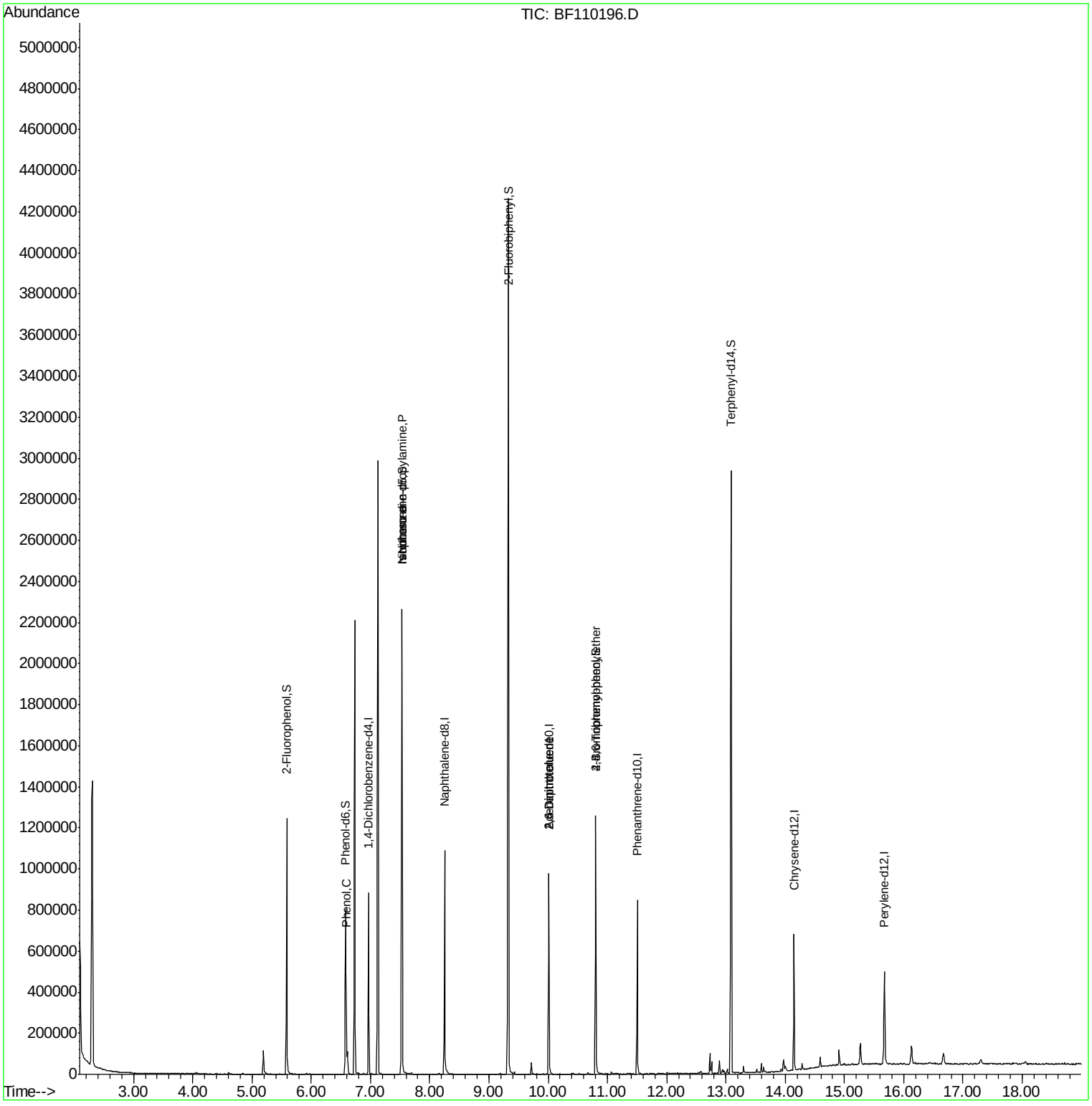
(#) = qualifier out of range (m) = manual integration (+) = signals summed

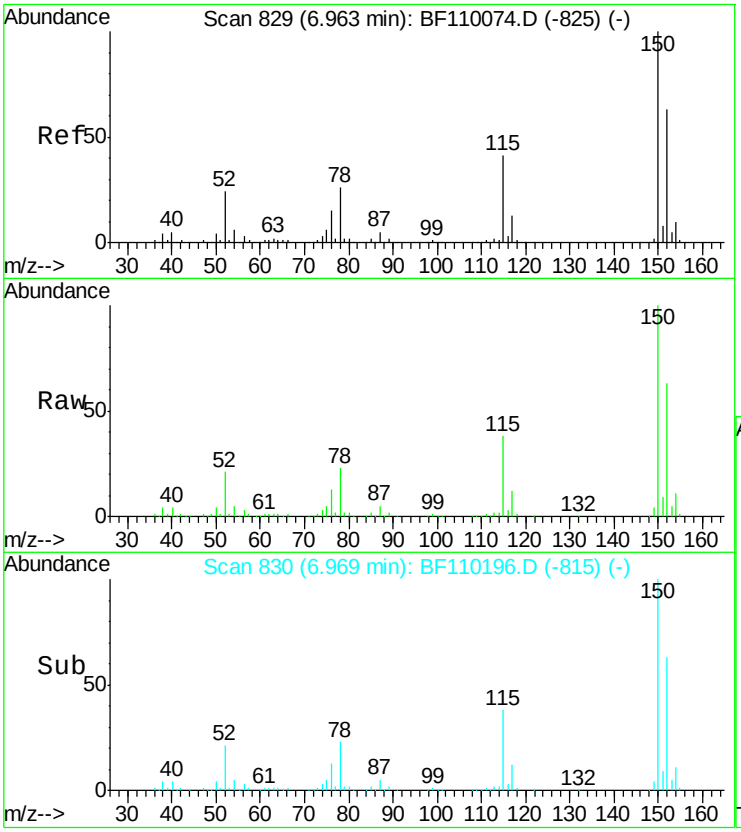
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110196.D
Acq On : 26 Oct 2018 8:05
Operator : JU/SJ
Sample : J5650-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Quant Time: Oct 26 14:38:34 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



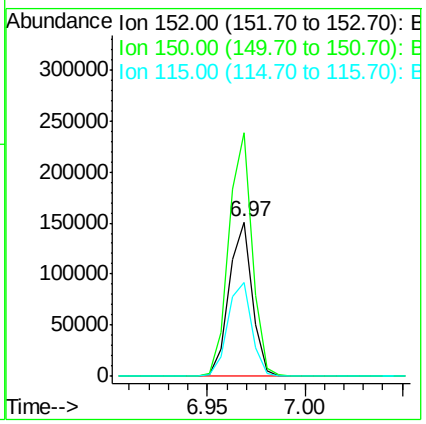


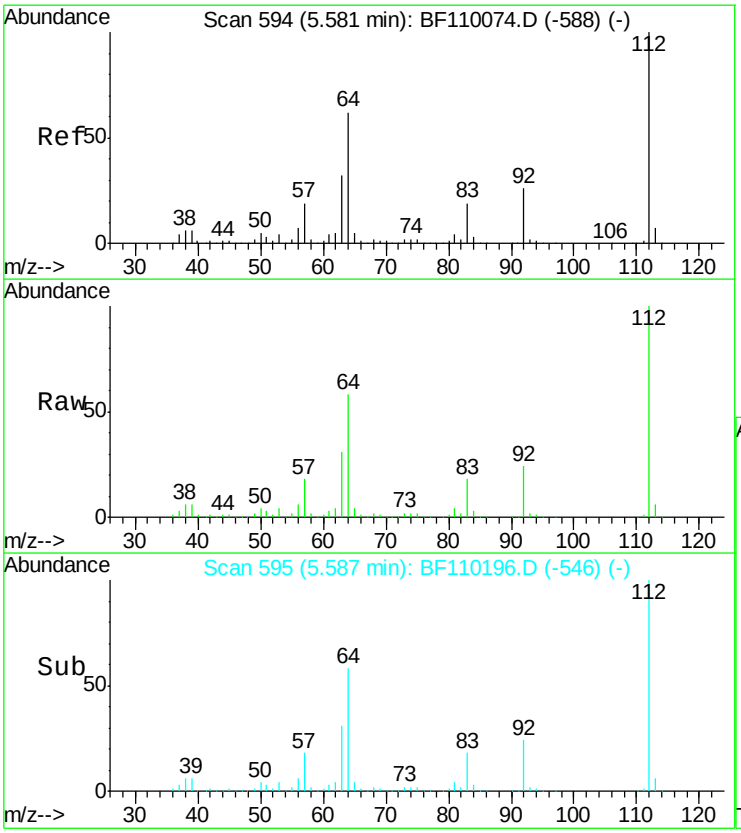
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:152 Resp: 123987

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	60.7	49.1	73.7

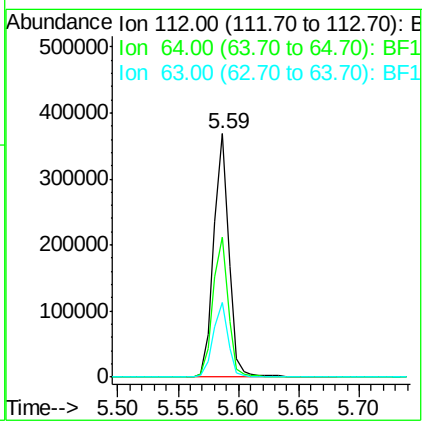


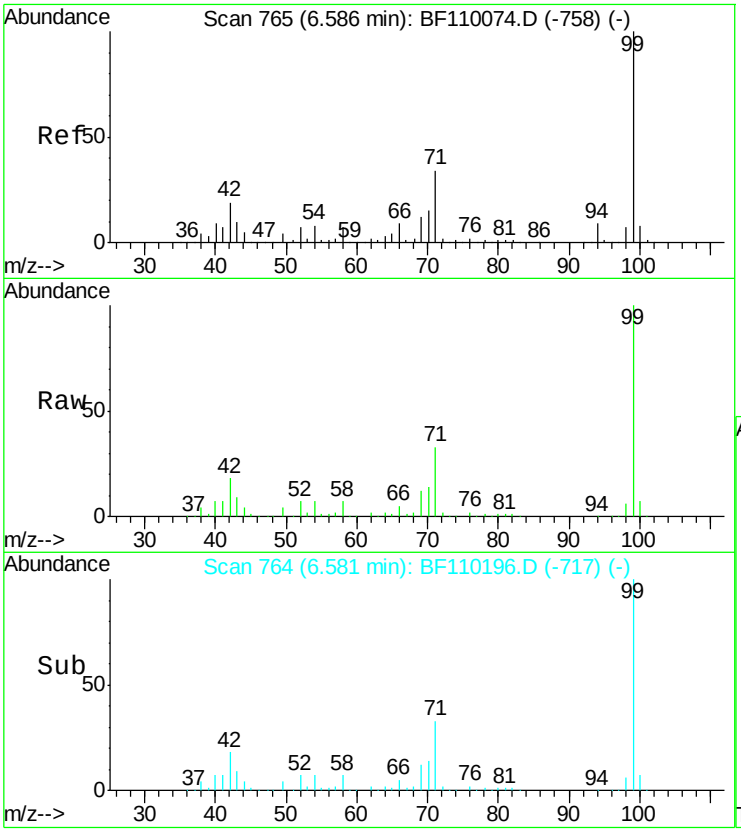


#5
2-Fluorophenol
Concen: 41.774 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:112 Resp: 318058

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	30.7	23.7	35.5



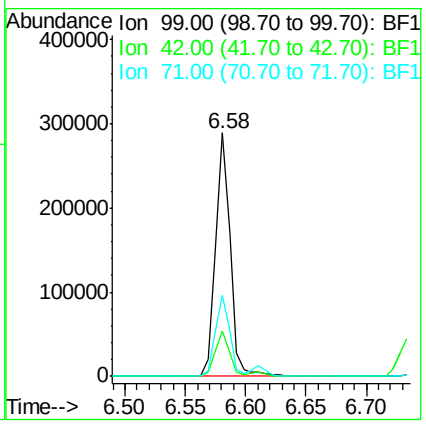


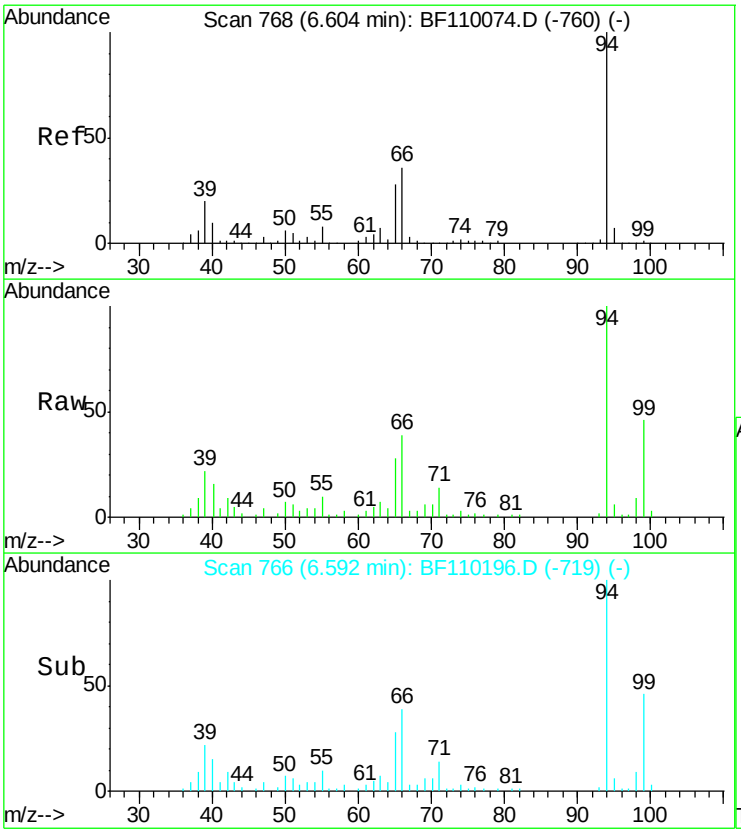
#7
Phenol-d6
Concen: 24.392 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion: 99 Resp: 237549

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.5	28.0	42.0

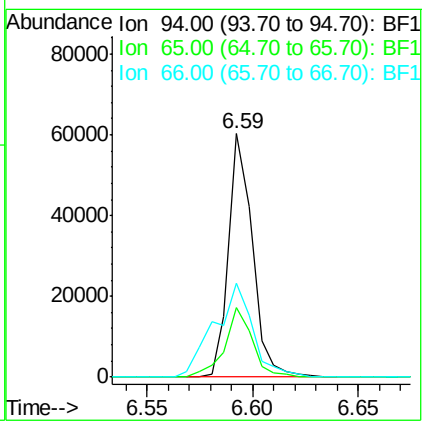


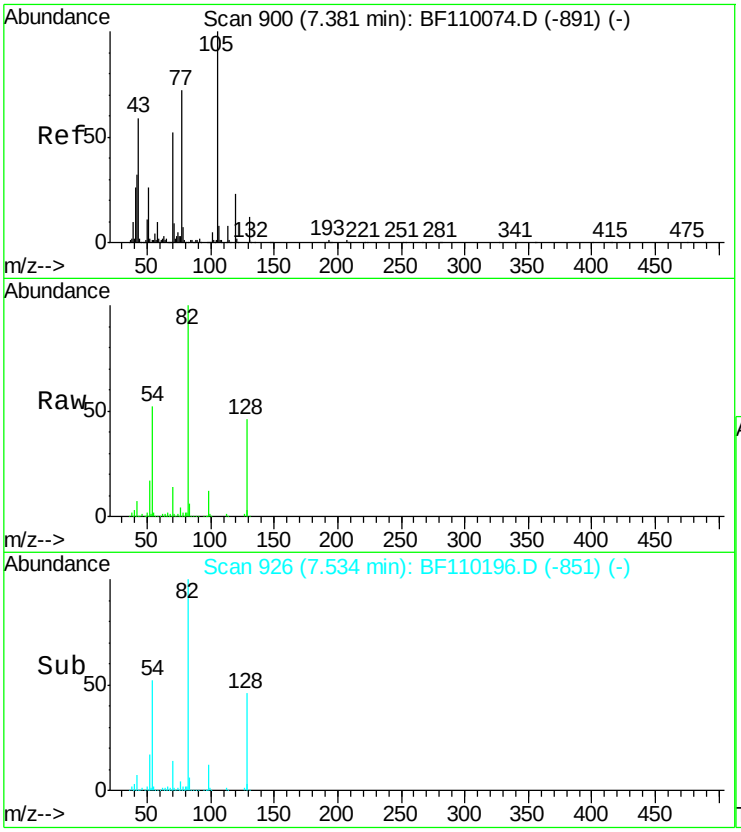


#10
Phenol
Concen: 4.508 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion: 94 Resp: 46929

Ion	Ratio	Lower	Upper
94	100		
65	28.4	25.3	65.3
66	38.6	54.5	94.5#



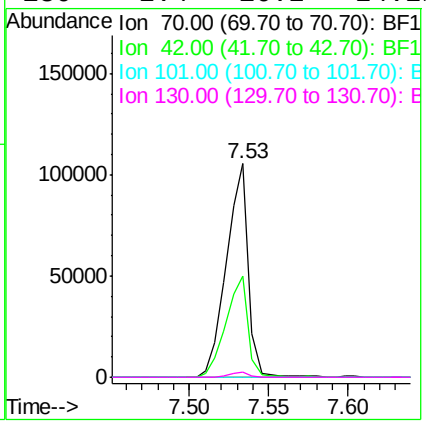


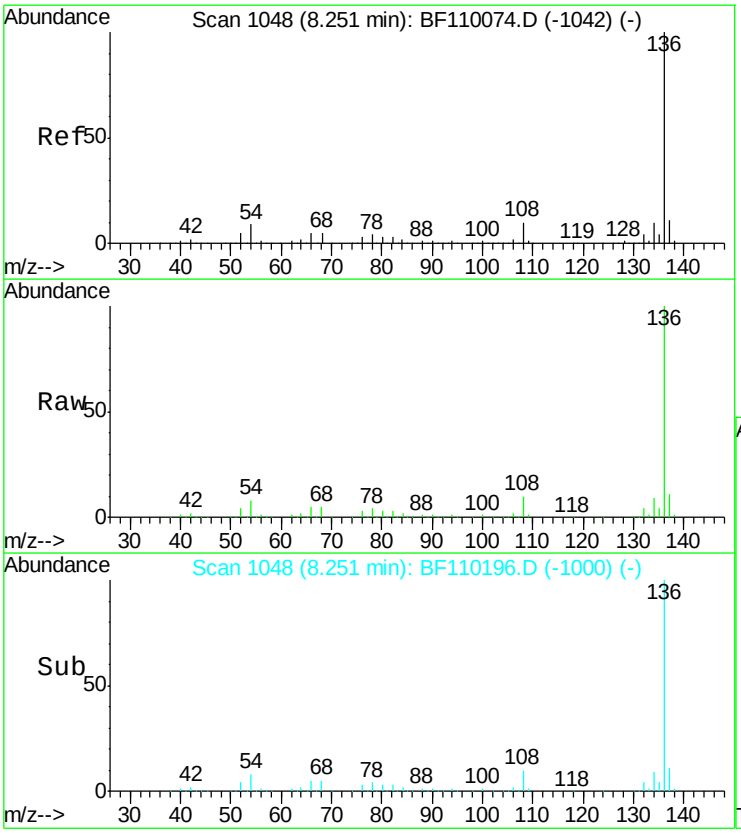
#19
n-Nitroso-di-n-propylamine
Concen: 16.105 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion: 70 Resp: 100617

Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

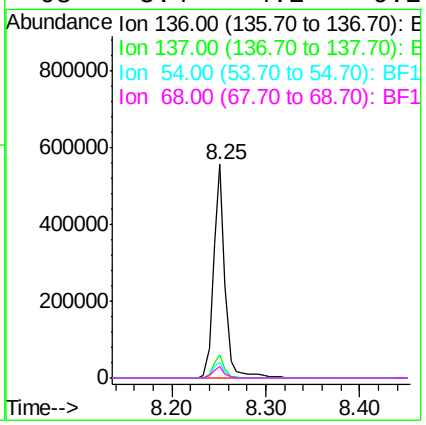


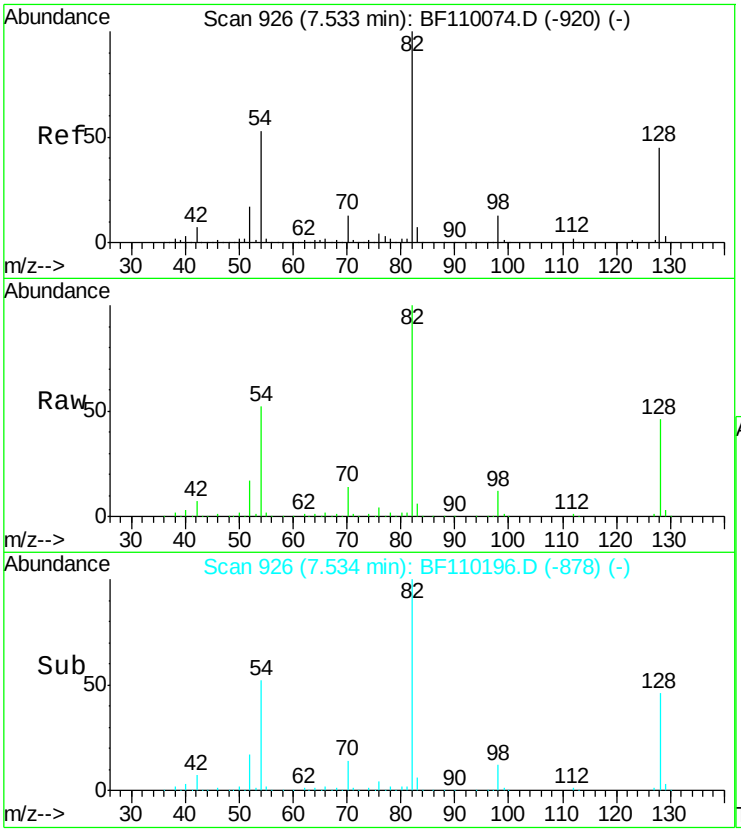


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:136 Resp: 480290

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	5.4	4.2	6.2



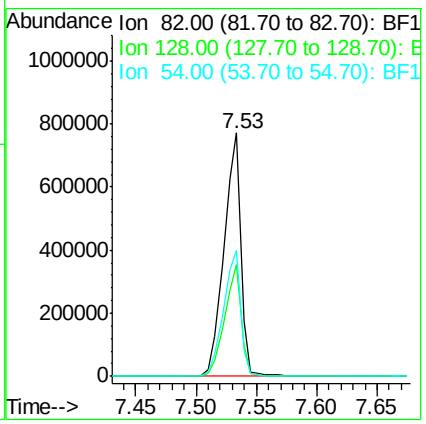


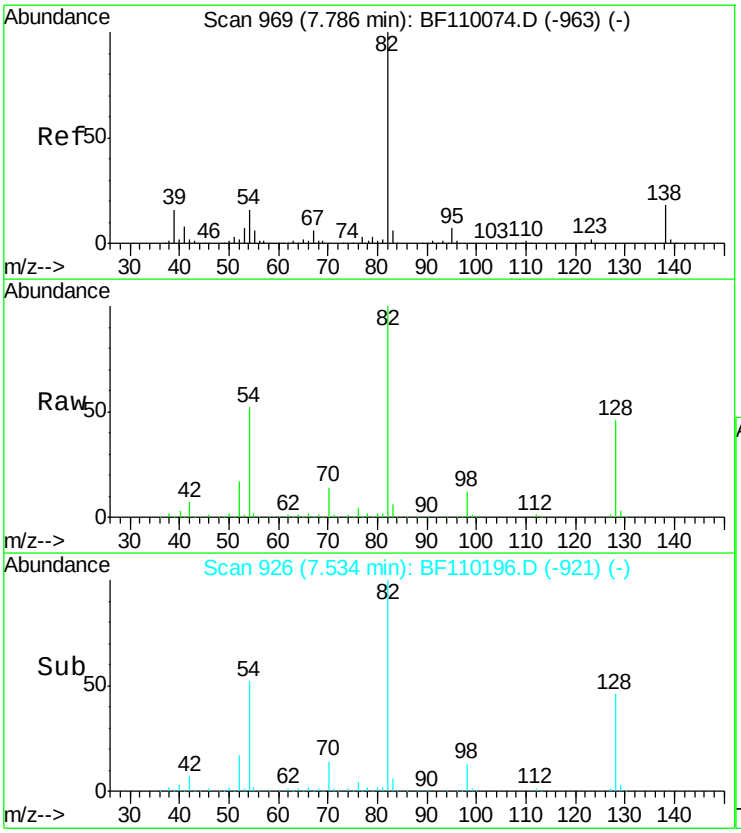
#23
Nitrobenzene-d5
Concen: 92.272 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion: 82 Resp: 747174

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	51.8	38.6	58.0

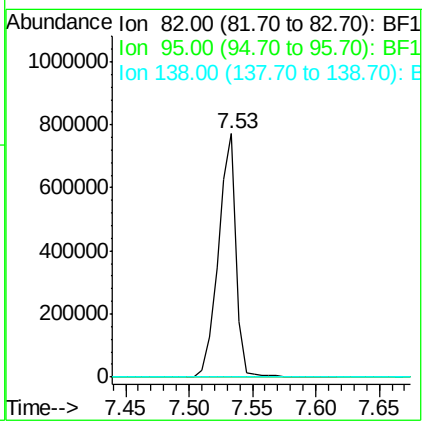


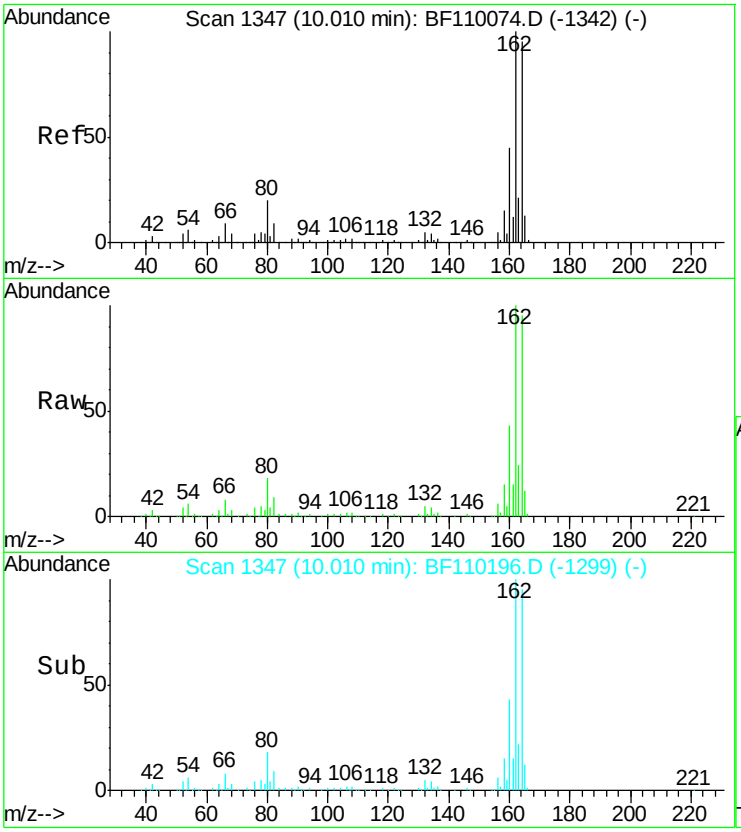


#25
Isophorone
Concen: 54.130 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion: 82 Resp: 747164

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



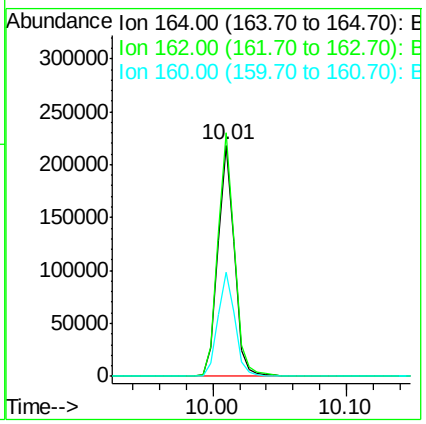


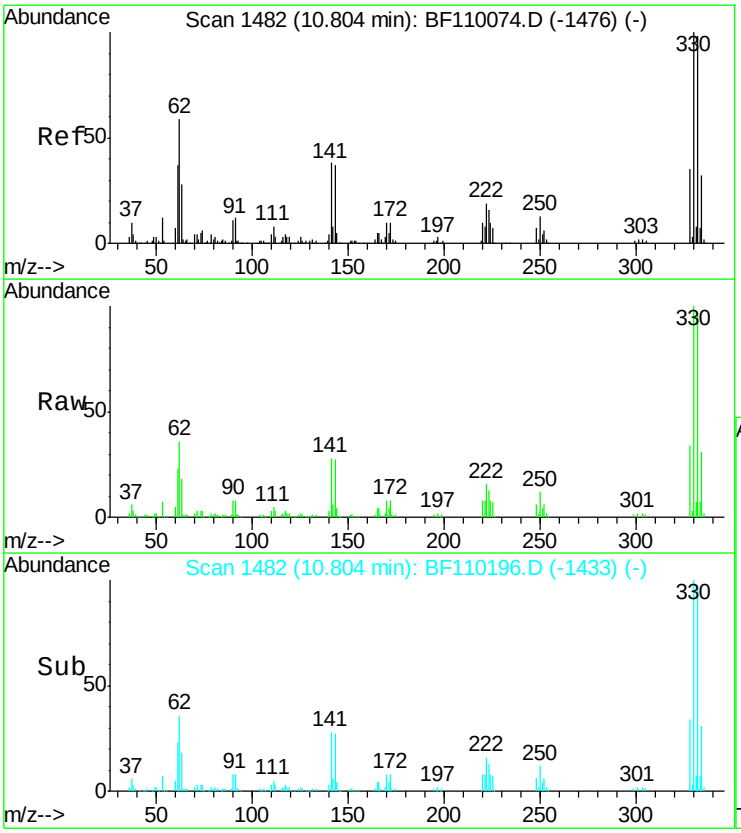
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:164 Resp: 192076

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	44.8	37.0	55.6

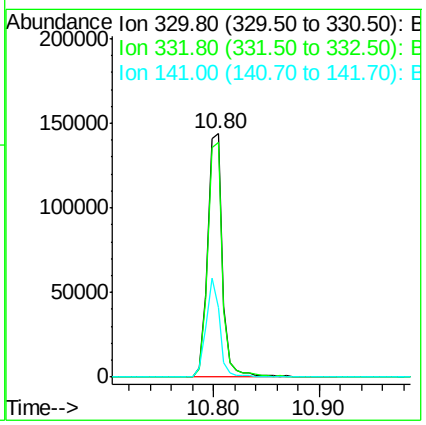


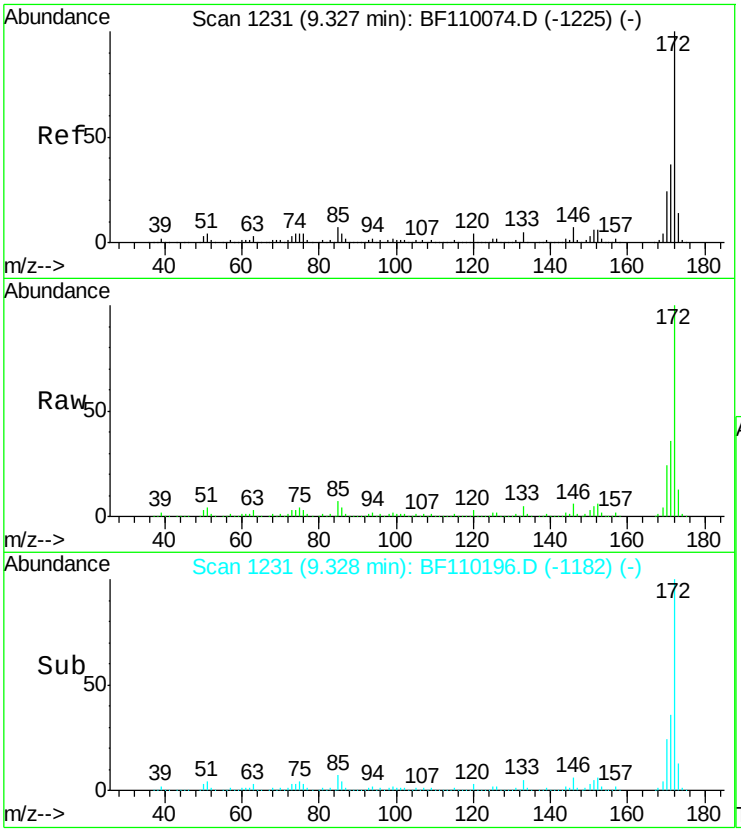


#42
2,4,6-Tribromophenol
Concen: 75.520 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:330 Resp: 143687

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	36.8	27.0	40.4



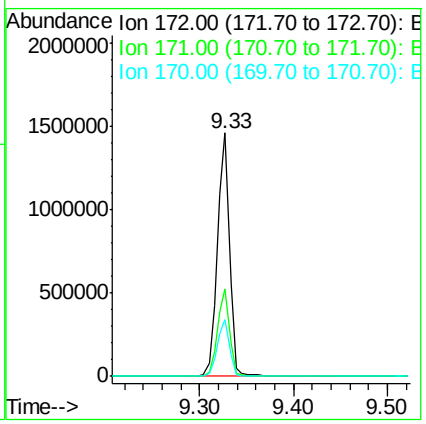


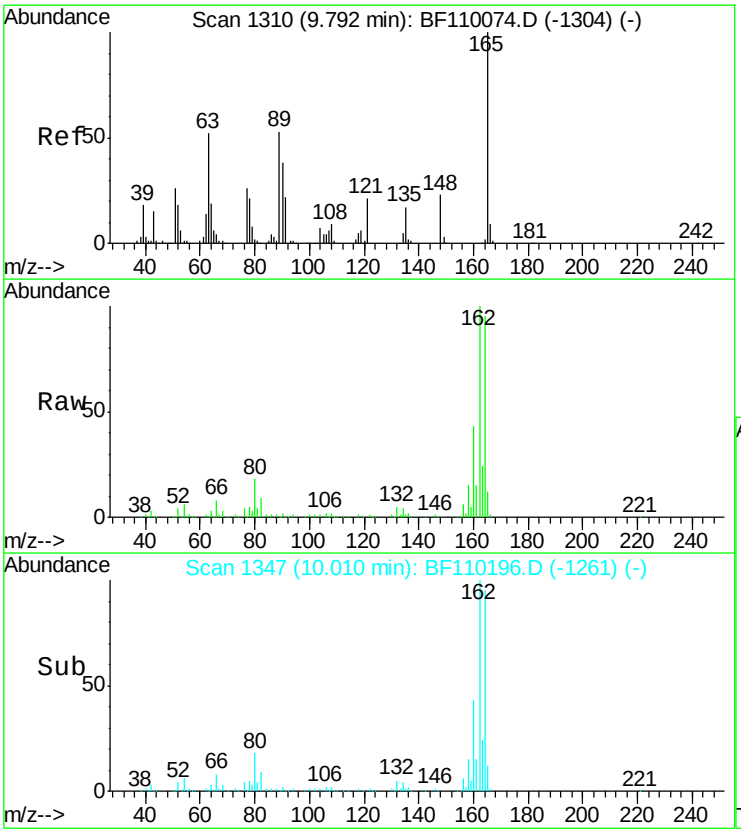
#45
2-Fluorobiphenyl
Concen: 107.723 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:172 Resp: 1317676

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.5	19.7	29.5

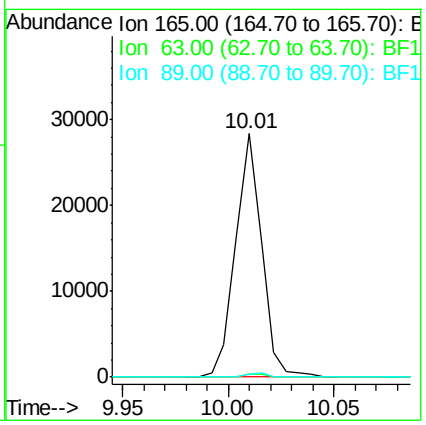


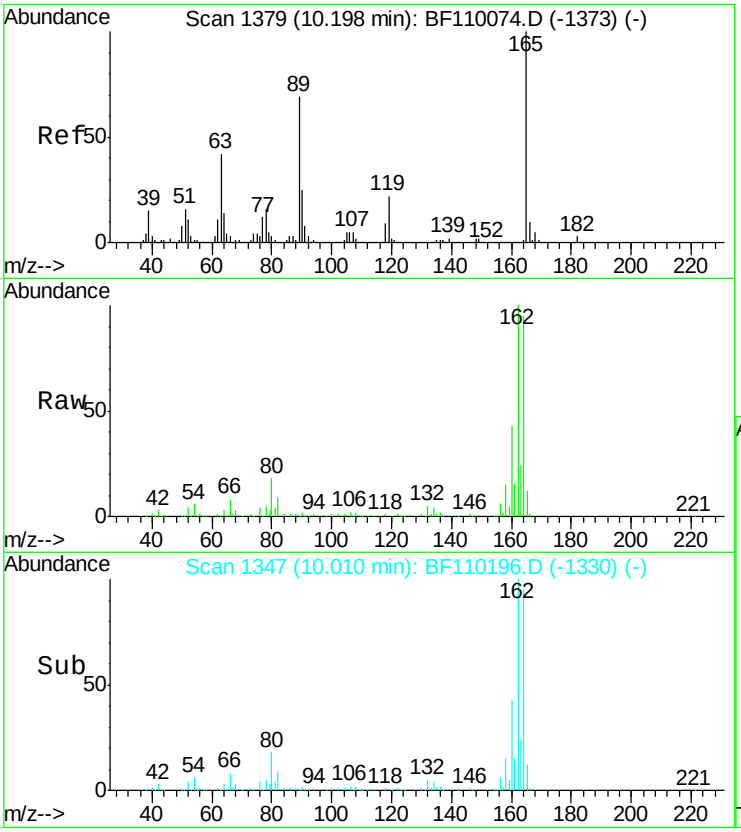


#51
2,6-Dinitrotoluene
Concen: 7.975 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:165 Resp: 24357

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.3	46.6	69.8#



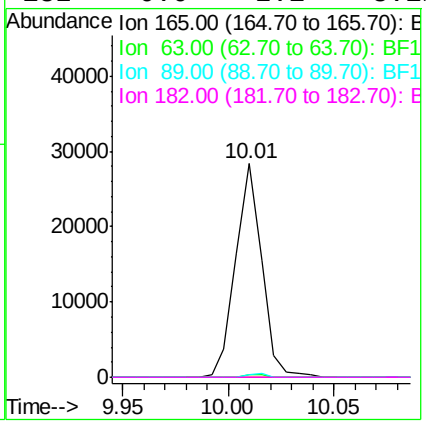


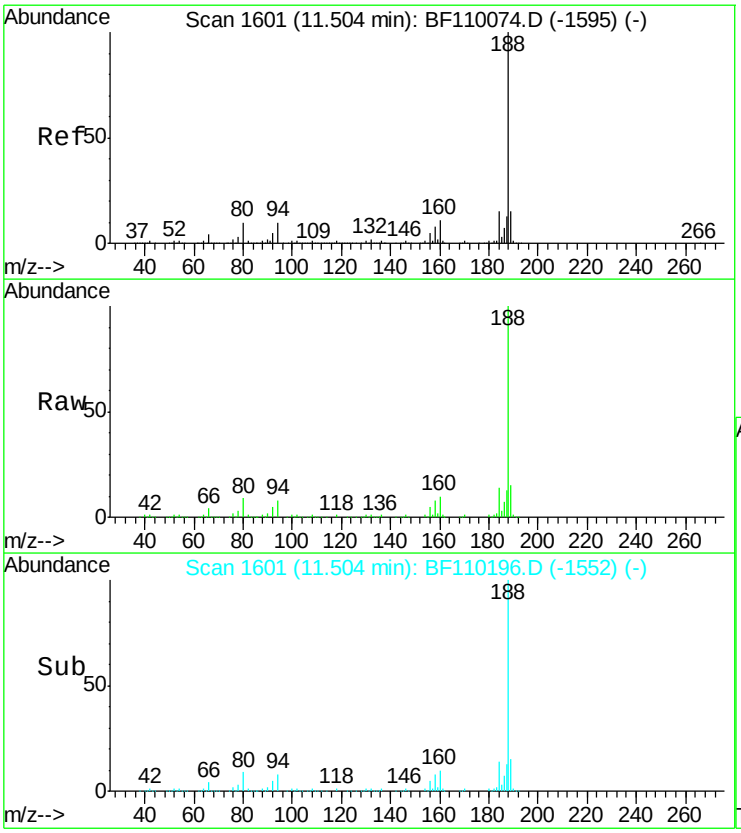
#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:165 Resp: 24357

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

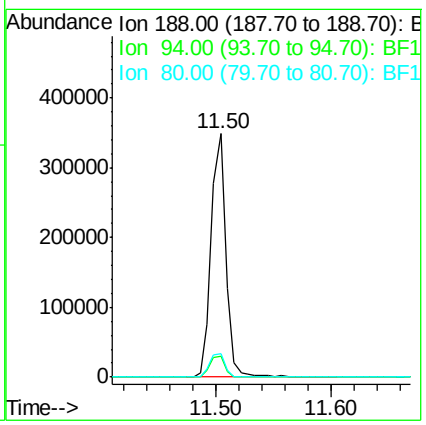


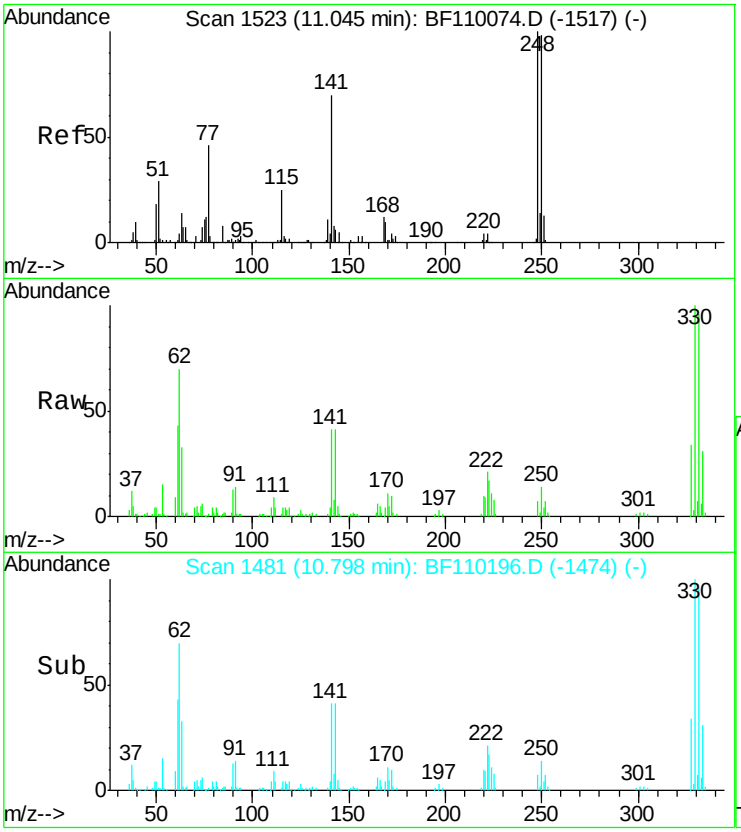


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:188 Resp: 310547

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.4	7.9	11.9



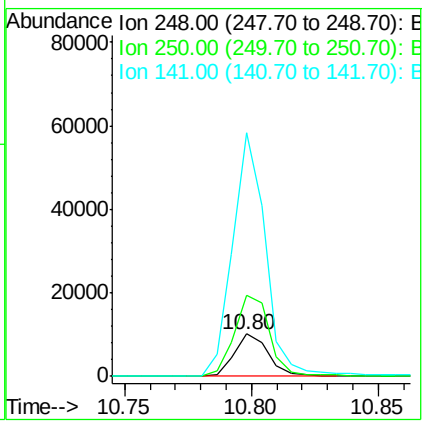


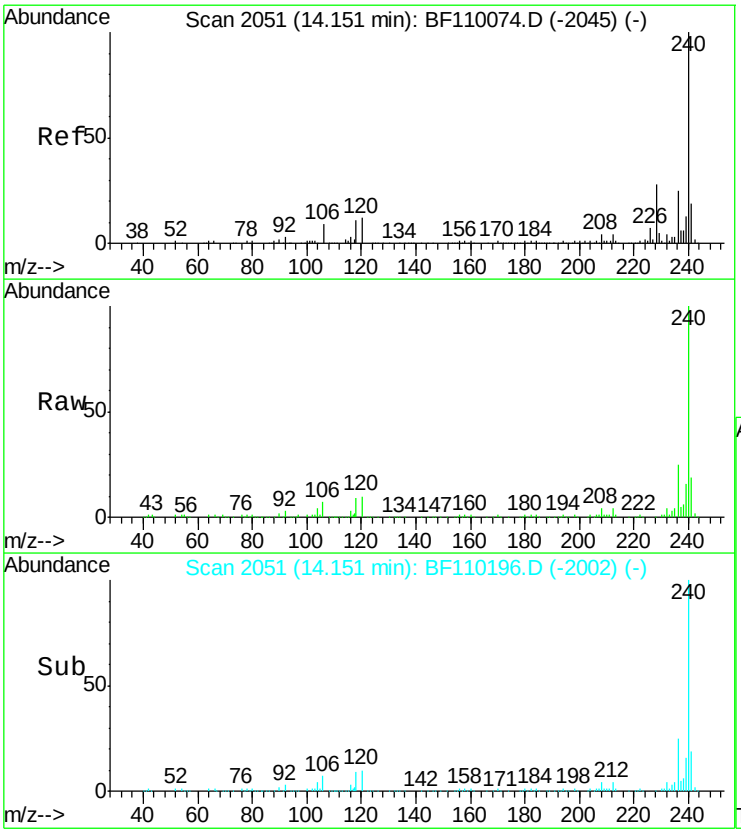
#67
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:248 Resp: 9525

Ion	Ratio	Lower	Upper
248	100		
250	190.8	79.4	119.2#
141	571.3	55.9	83.9#

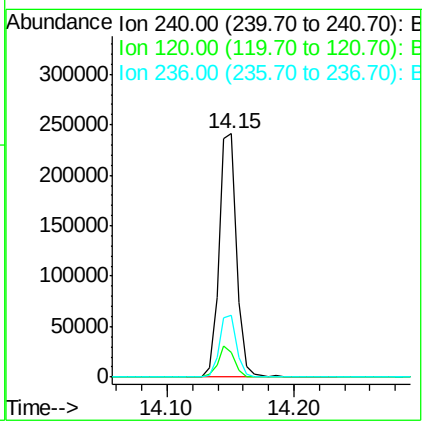


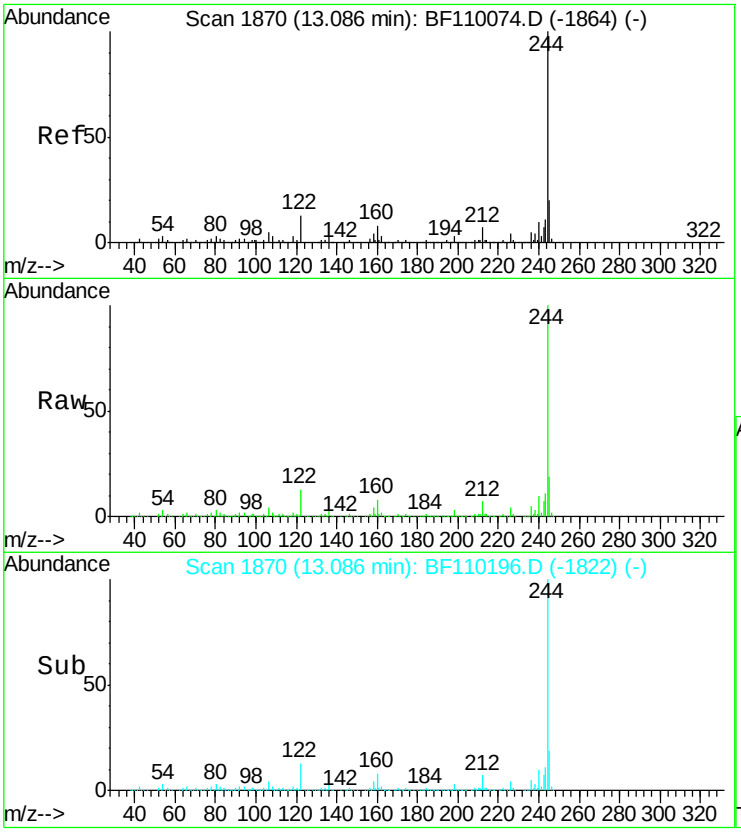


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:240 Resp: 232600

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.4	21.2	31.8



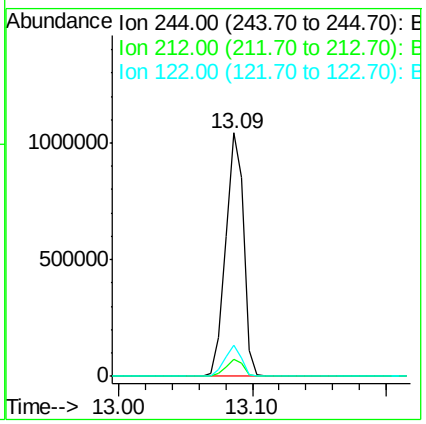


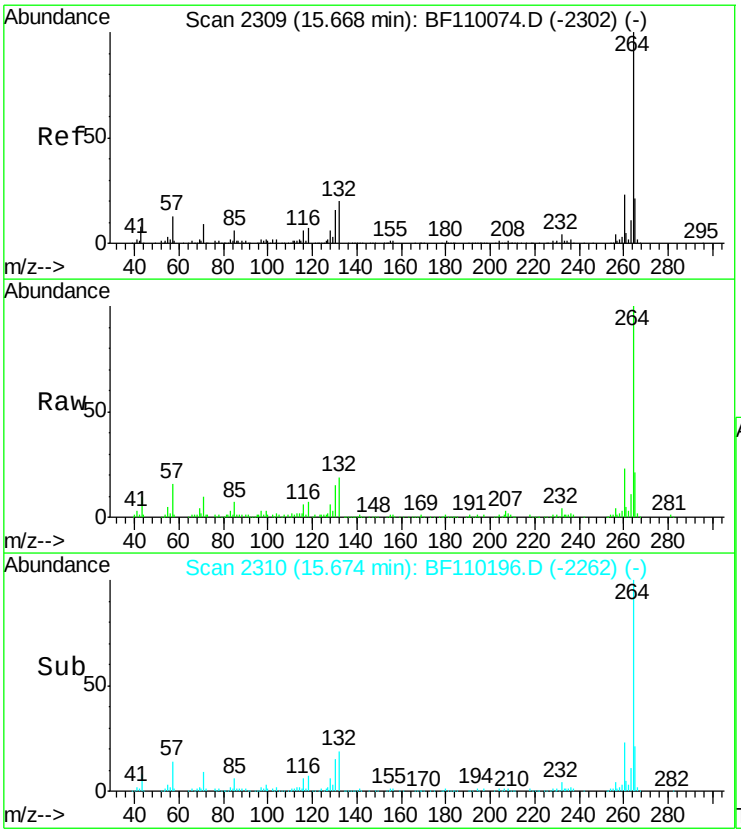
#79
Terphenyl-d14
Concen: 88.661 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110196.D
Acq: 26 Oct 2018 8:05

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-U-S

Tgt Ion:244 Resp: 991601

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	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: BF110196.D
Acq: 26 Oct 2018 8:05

Tgt Ion:264 Resp: 173191

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	16.7	25.1