Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111762.D
Acq On : 27 Dec 2018 15:10
Operator : JU/SJ
Sample : J6446-08RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-0006-01RE

Quant Time: Dec 28 00:13:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	122807	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	422264	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	184048	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	327134	20.00	ng		0.01
76) Chrysene-d12	14.07	240	316421	20.00	ng		0.02
87) Perylene-d12	15.56	264	222035	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	348877	48.42	ng		0.03
7) Phenol-d6	6.55	99	418413	45.63	ng		0.03
23) Nitrobenzene-d5	7.46	82	315060	43.43	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	102743	47.25	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	546544	43.28	ng		0.00
79) Terphenyl-d14	13.01	244	556059	33.33	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	35004	3.383	ng		98
19) n-Nitroso-di-n-propylamine	7.46	70	43522	7.147	ng	#	76
25) Isophorone	7.46	82	315056	24.463	ng	#	64
50) Dimethylphthalate	9.65	163	48947	3.637	ng		98
57) 2,4-Dinitrotoluene	9.94	165	23480	7.280	ng	#	24
65) 4,6-Dinitro-2-methylphenol	10.73	198	118	6.768	ng	#	1
69) Atrazine	11.13	200	9443	2.475	ng	#	39

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111762.D
Acq On : 27 Dec 2018 15:10
Operator : JU/SJ
Sample : J6446-08RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

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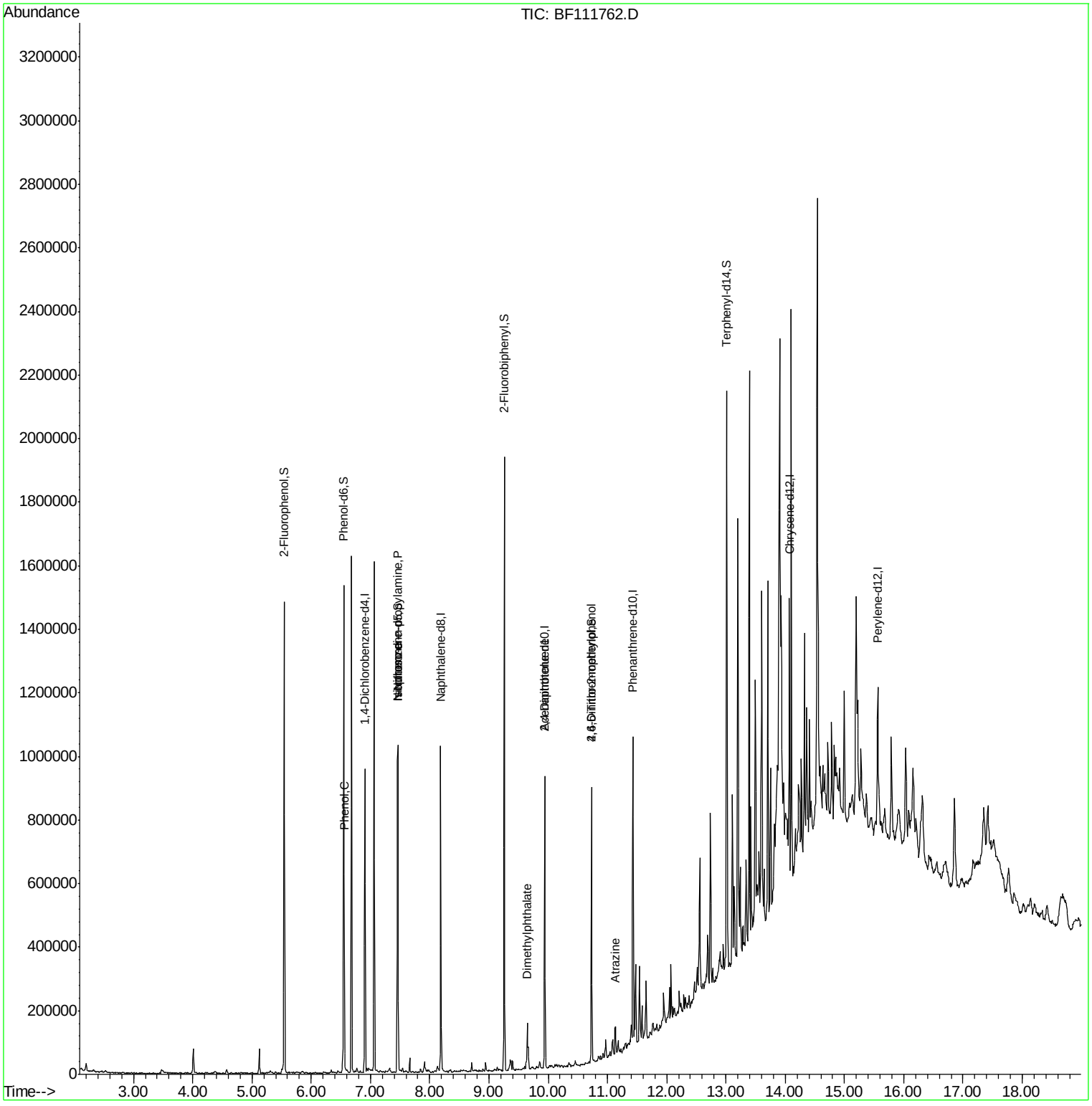
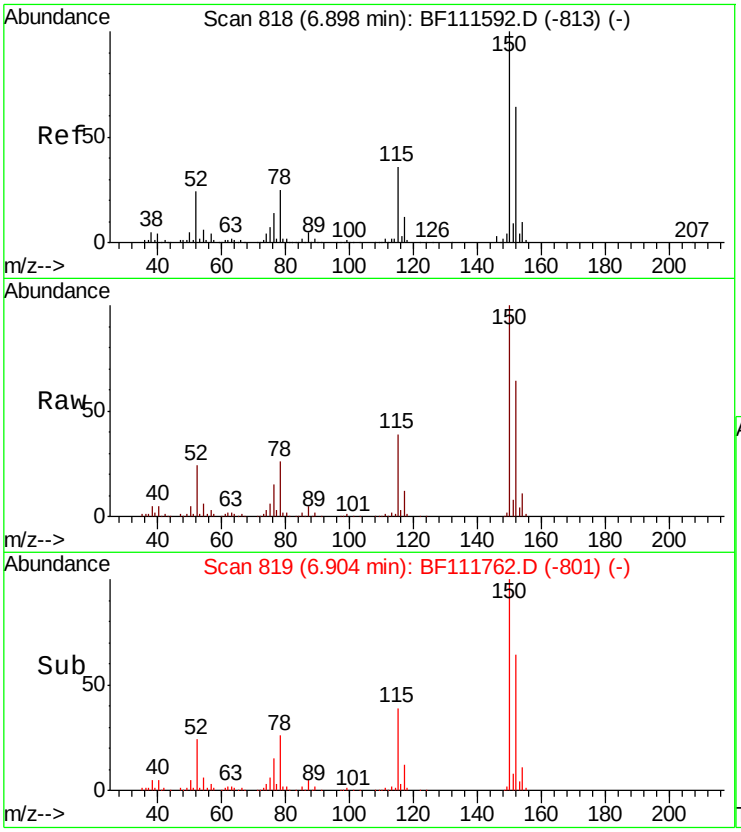


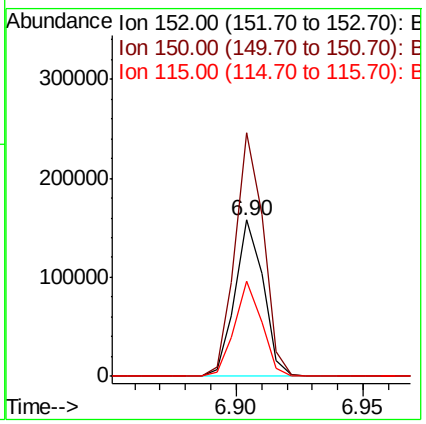


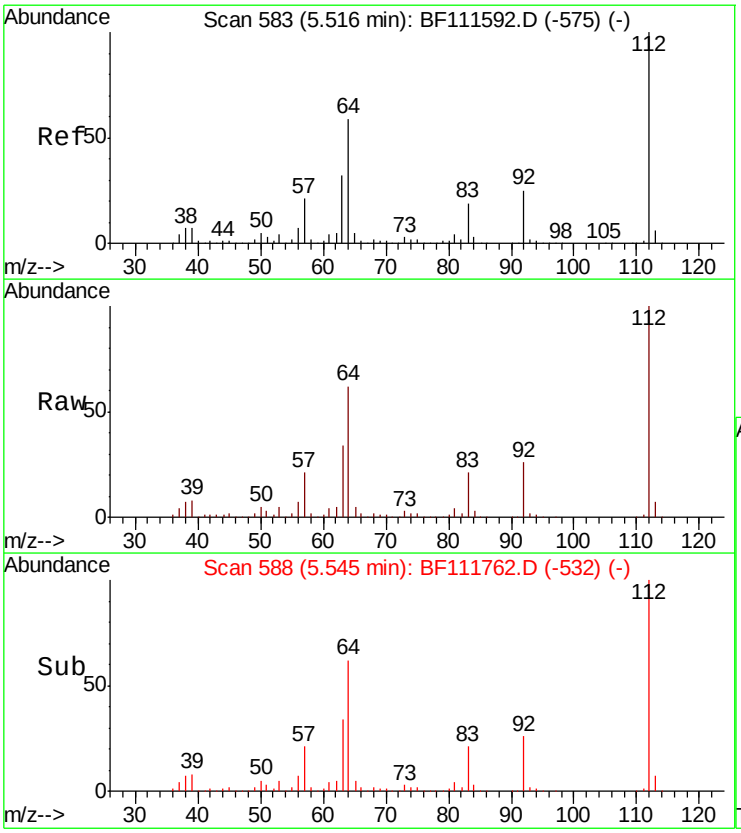
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:152 Resp: 122807

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.6	189.8
115	61.2	50.7	76.1

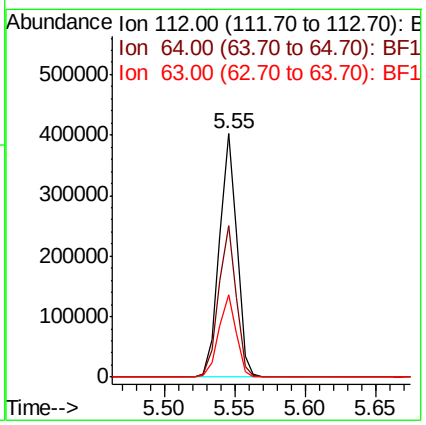


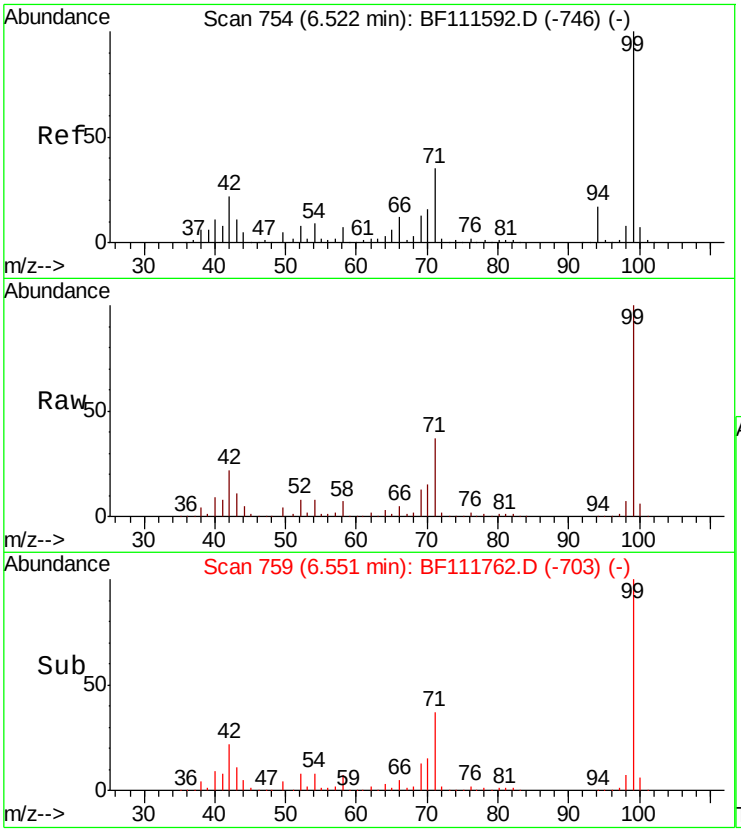


#5
2-Fluorophenol
Concen: 48.423 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:112 Resp: 348877

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.8	77.6
63	33.7	26.8	40.2



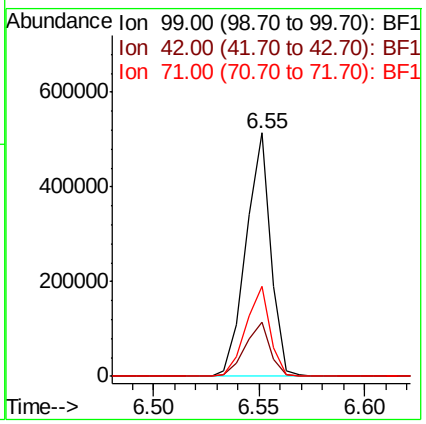


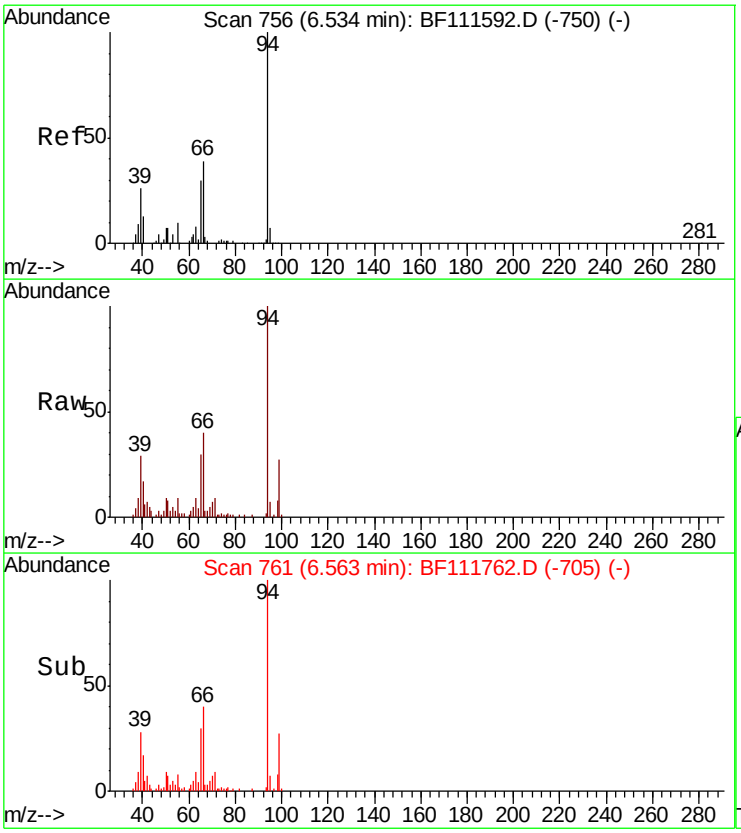
#7
Phenol-d6
Concen: 45.633 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.03 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion: 99 Resp: 418413

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	36.9	26.1	39.1

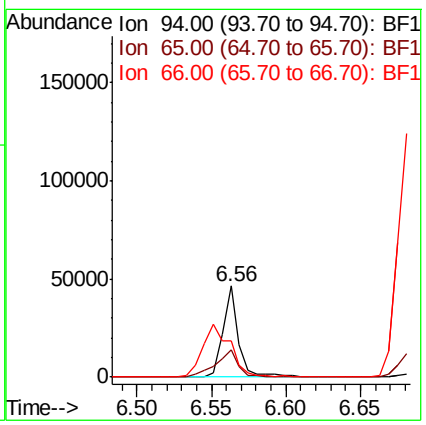


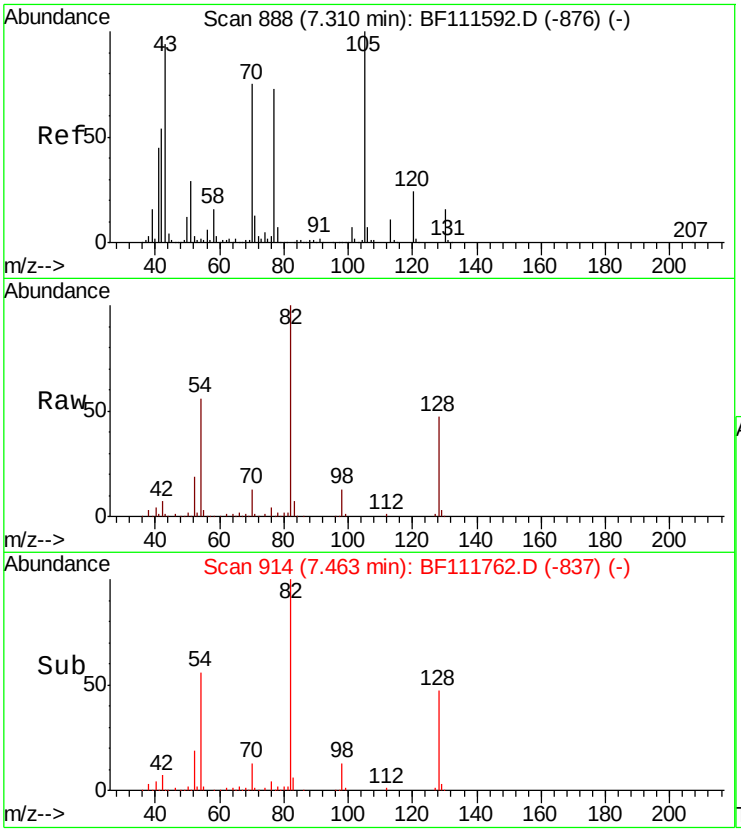


#10
Phenol
Concen: 3.383 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion: 94 Resp: 35004

Ion	Ratio	Lower	Upper
94	100		
65	30.3	11.7	51.7
66	40.3	21.0	61.0



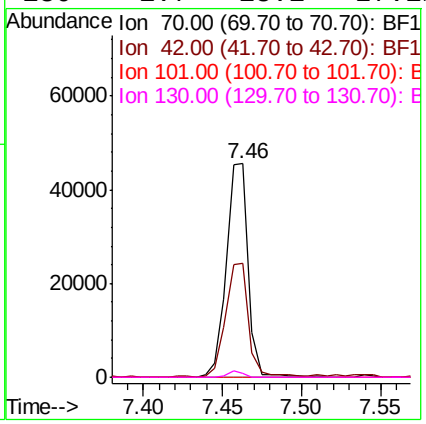


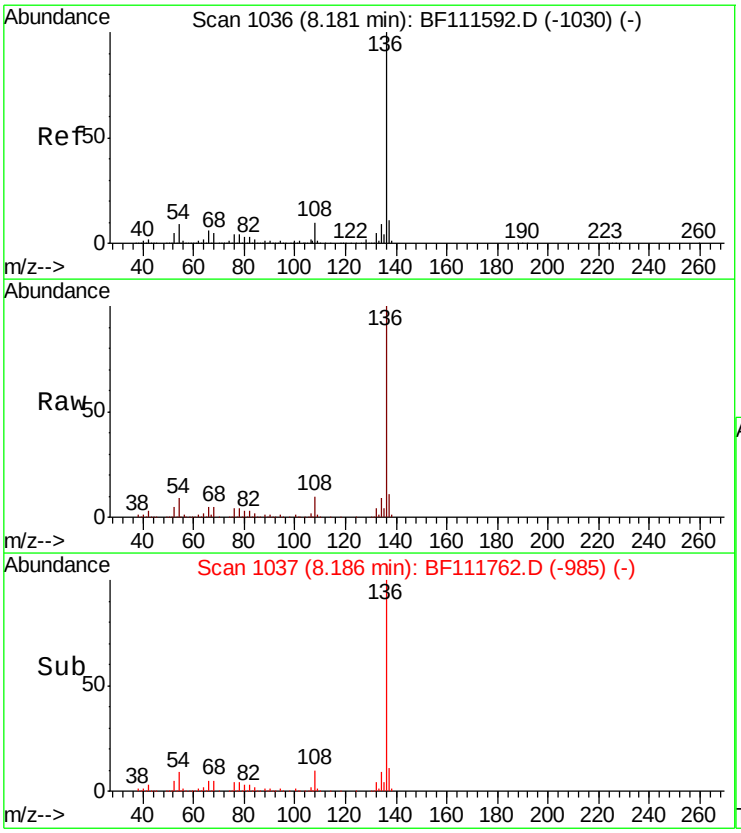
#19
n-Nitroso-di-n-propylamine
Concen: 7.147 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion: 70 Resp: 43522

Ion	Ratio	Lower	Upper
70	100		
42	53.4	53.2	79.8
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

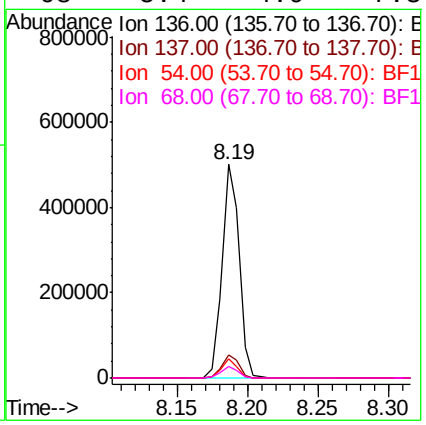


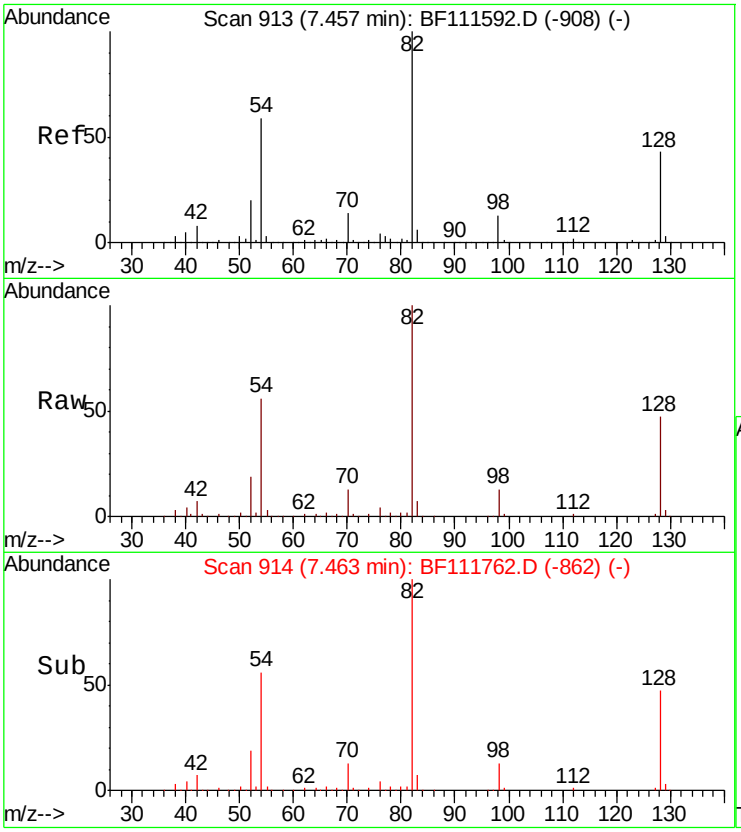


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:136 Resp: 422264

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.9	7.7	11.5
68	5.4	4.9	7.3



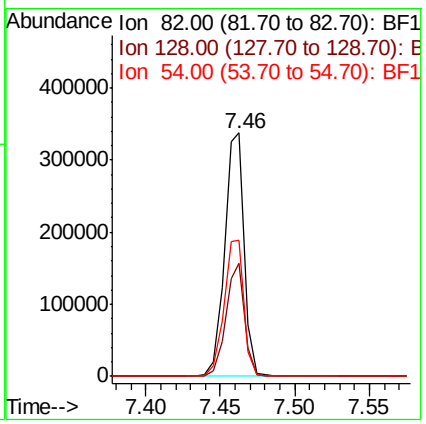


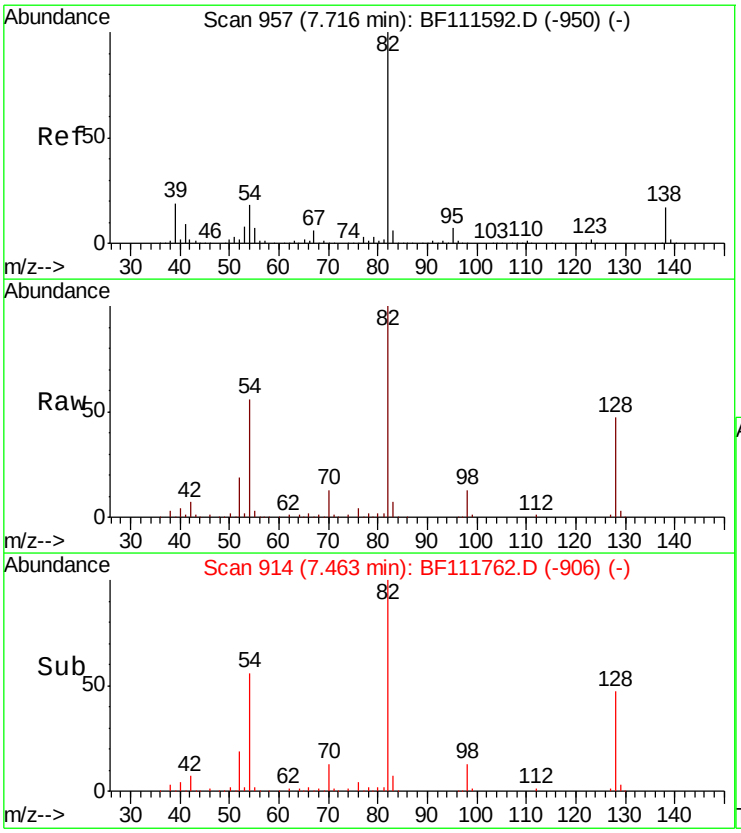
#23
Nitrobenzene-d5
Concen: 43.430 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion: 82 Resp: 315060

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.4	56.2
54	56.1	47.6	71.4

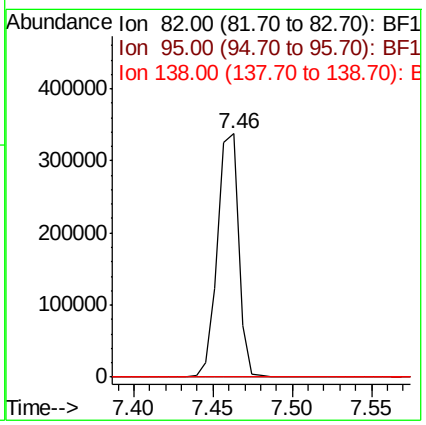


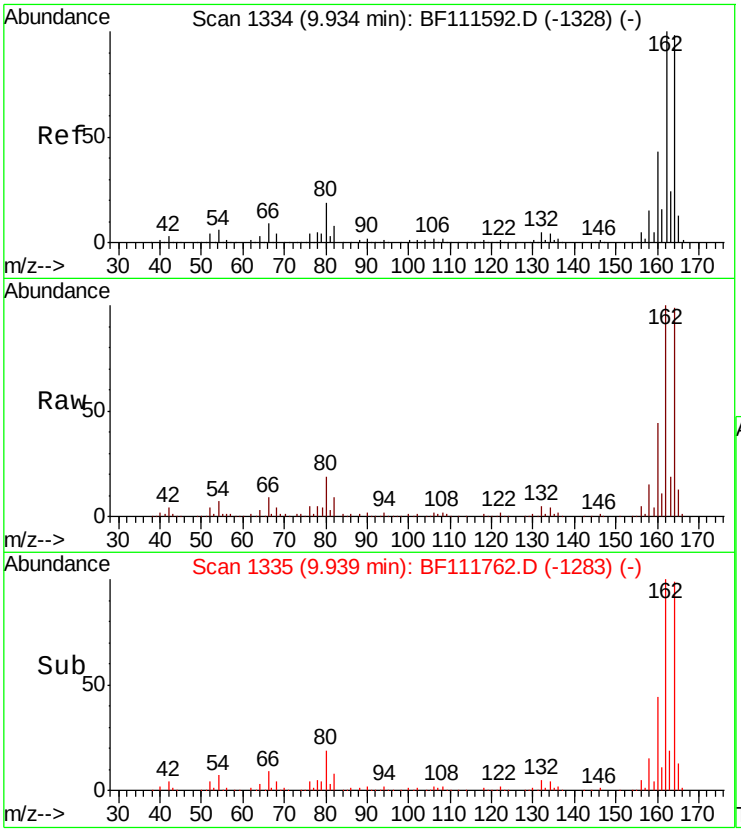


#25
Isophorone
Concen: 24.463 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion: 82 Resp: 315056

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



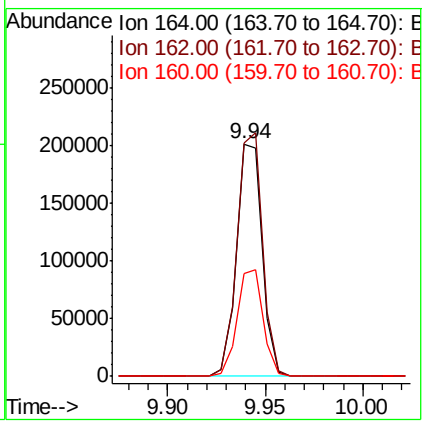


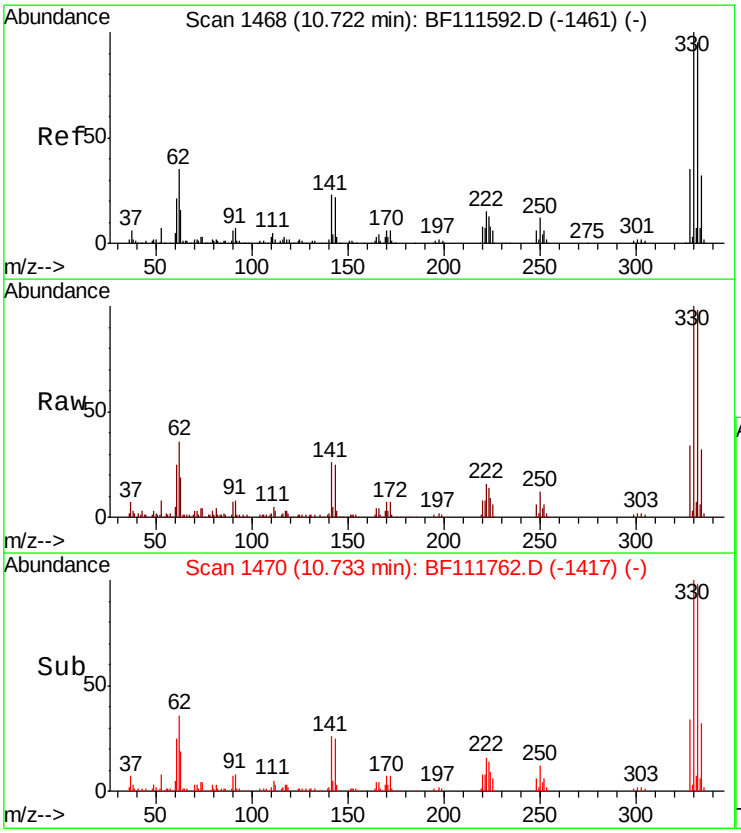
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:164 Resp: 184048

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.0
160	44.1	35.7	53.5

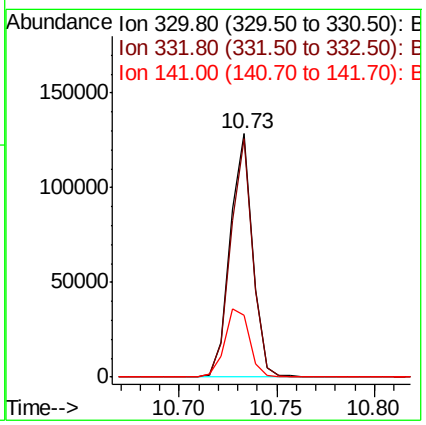


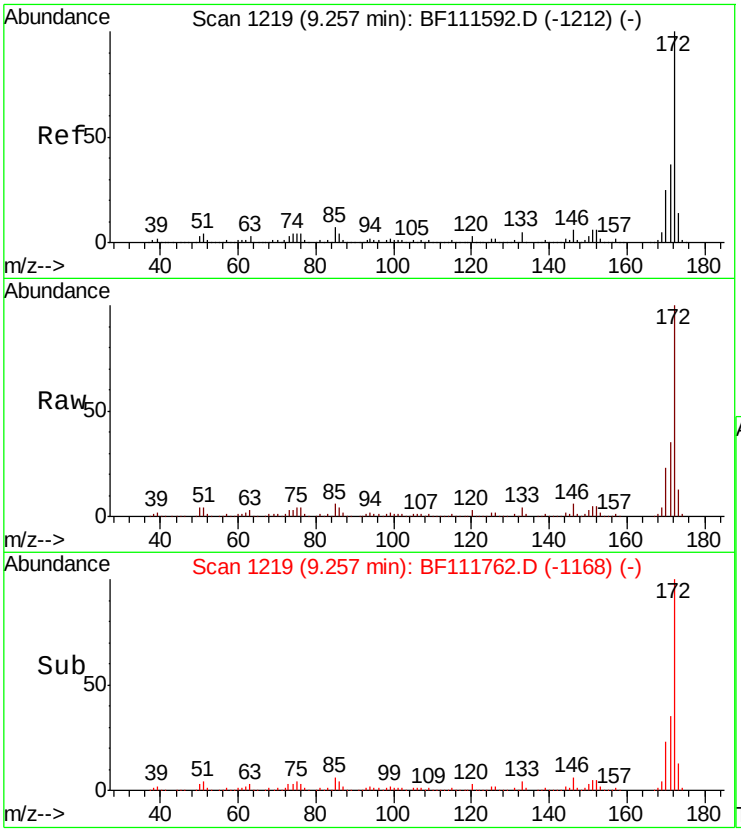


#42
2,4,6-Tribromophenol
Concen: 47.245 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:330 Resp: 102743

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	31.1	31.0	46.6



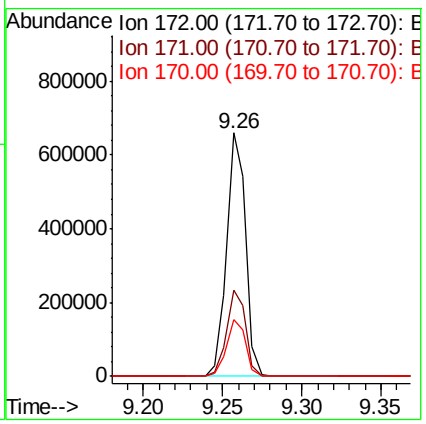


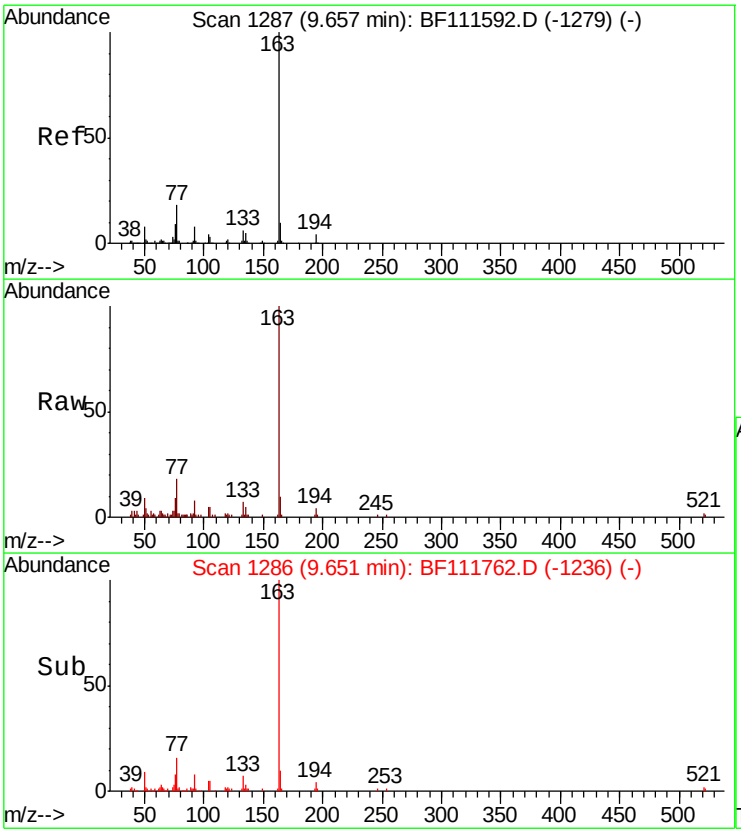
#45
2-Fluorobiphenyl
Concen: 43.284 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:172 Resp: 546544

Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.3	22.3	33.5

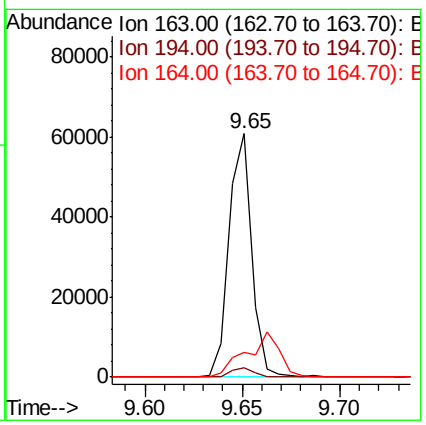


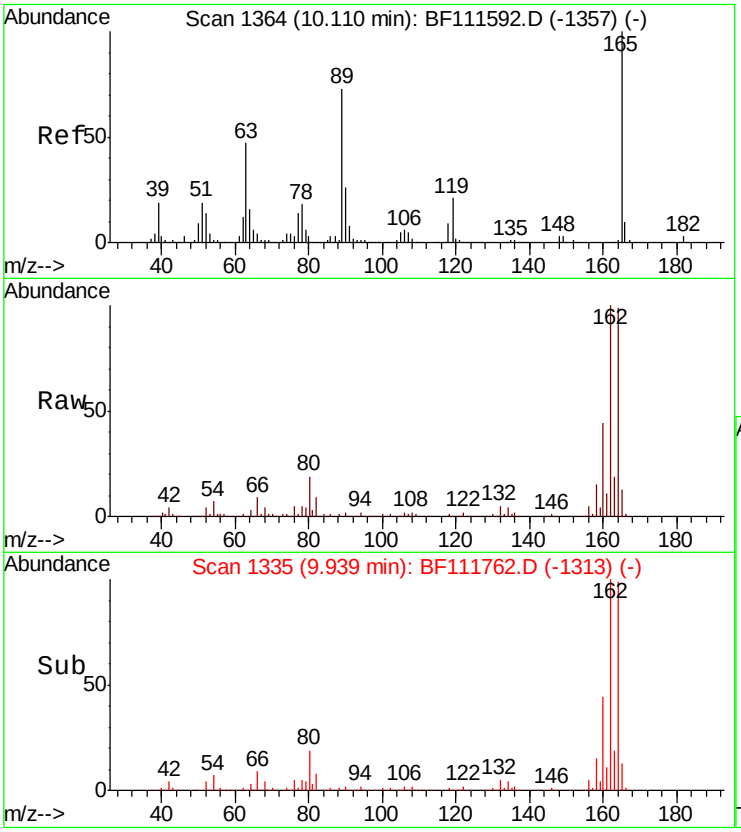


#50
Dimethylphthalate
Concen: 3.637 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:163 Resp: 48947

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.1	8.9	13.3



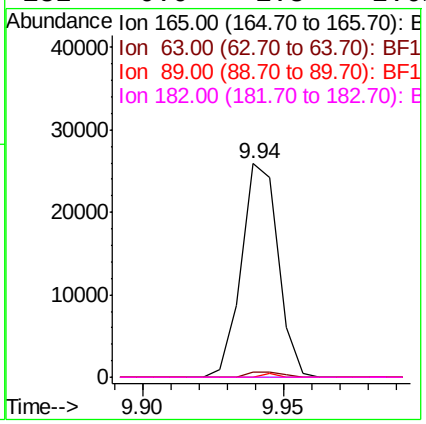


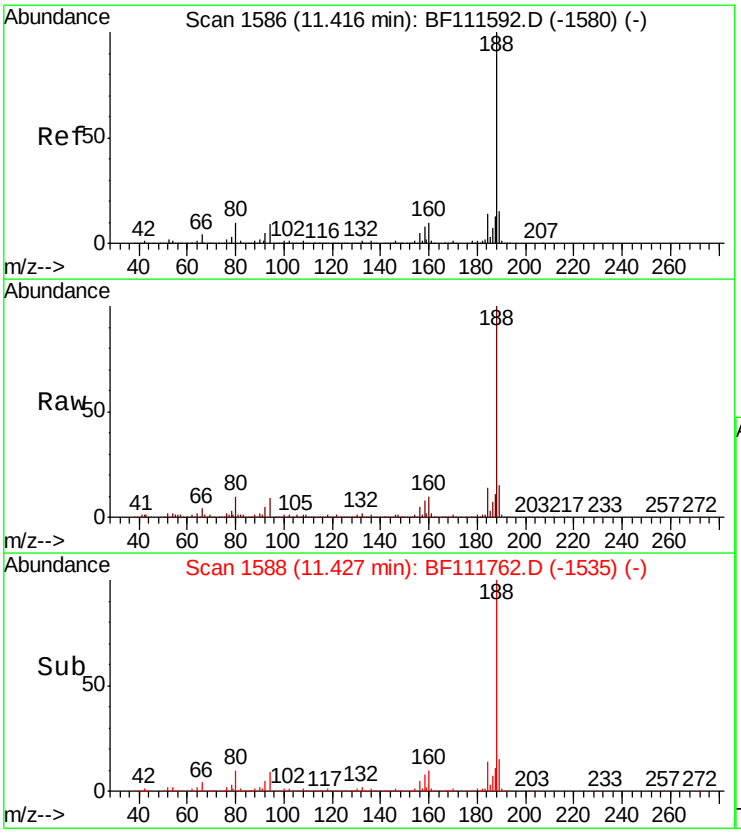
#57
2,4-Dinitrotoluene
Concen: 7.280 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:165 Resp: 23480

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.6	52.0#
89	0.0	56.2	84.4#
182	0.0	1.8	2.6#

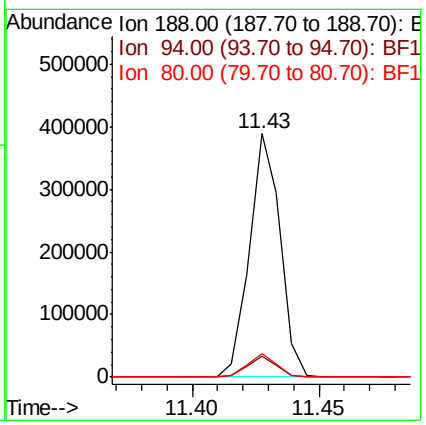


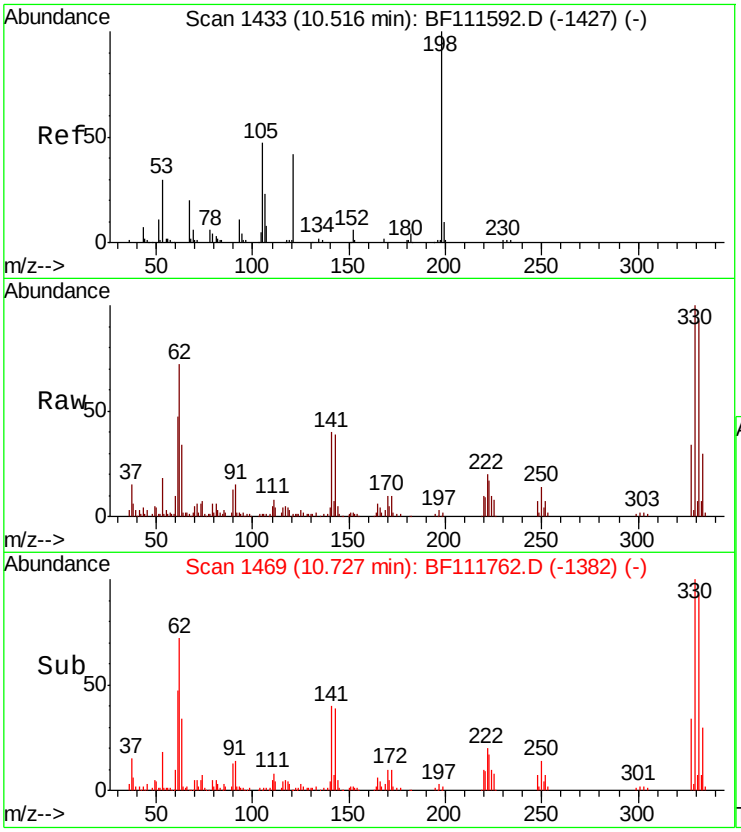


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:188 Resp: 327134

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.6	9.8	14.6#



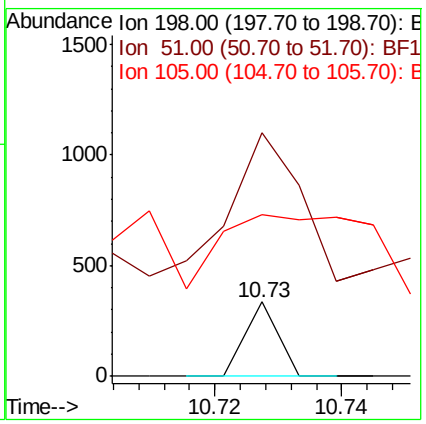


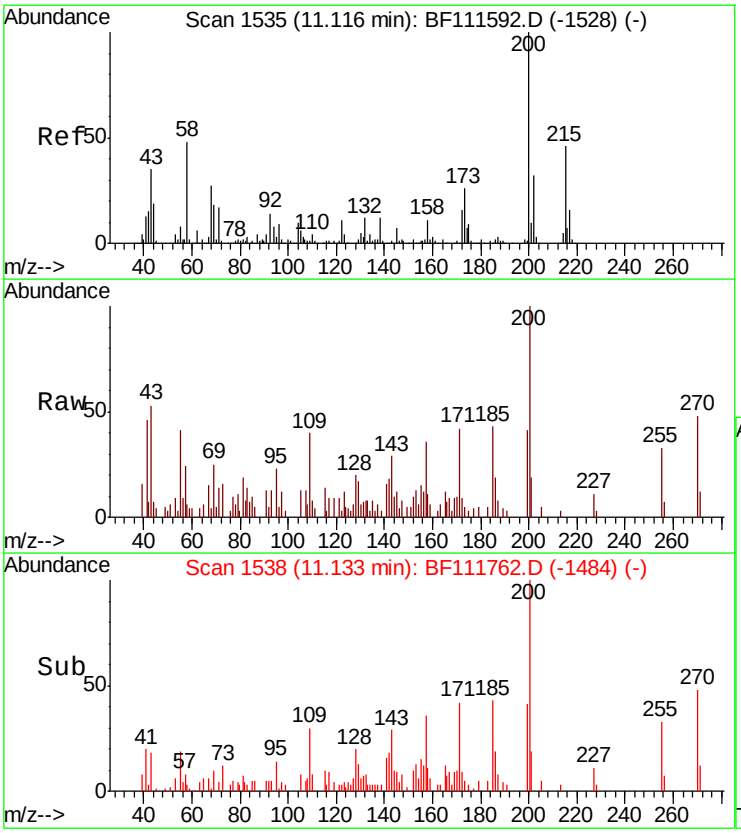
#65
4,6-Dinitro-2-methylphenol
Concen: 6.768 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:198 Resp: 118

Ion	Ratio	Lower	Upper
198	100		
51	328.4	48.0	88.0#
105	217.3	34.0	74.0#

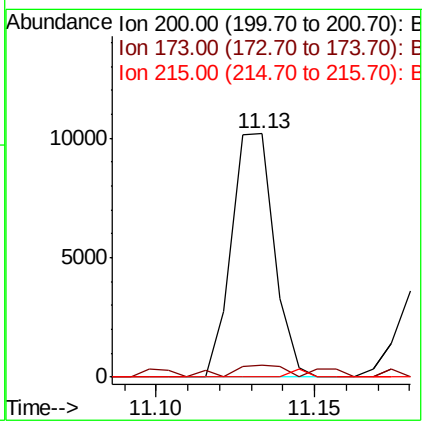


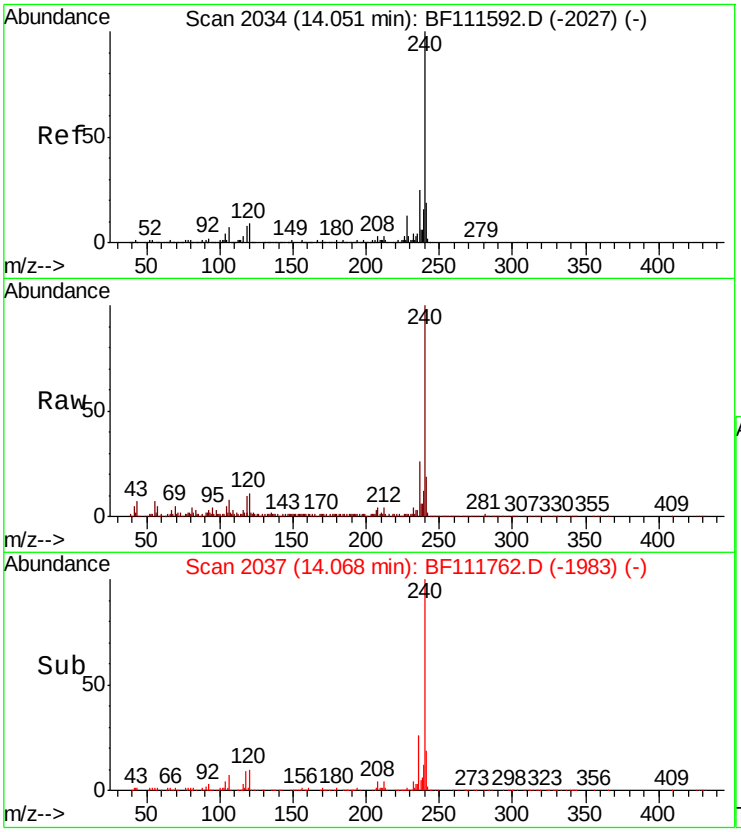


#69
Atrazine
Concen: 2.475 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:200 Resp: 9443

Ion	Ratio	Lower	Upper
200	100		
173	4.9	10.1	50.1#
215	0.0	26.9	66.9#



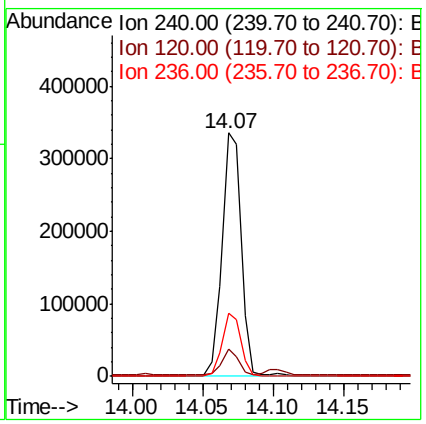


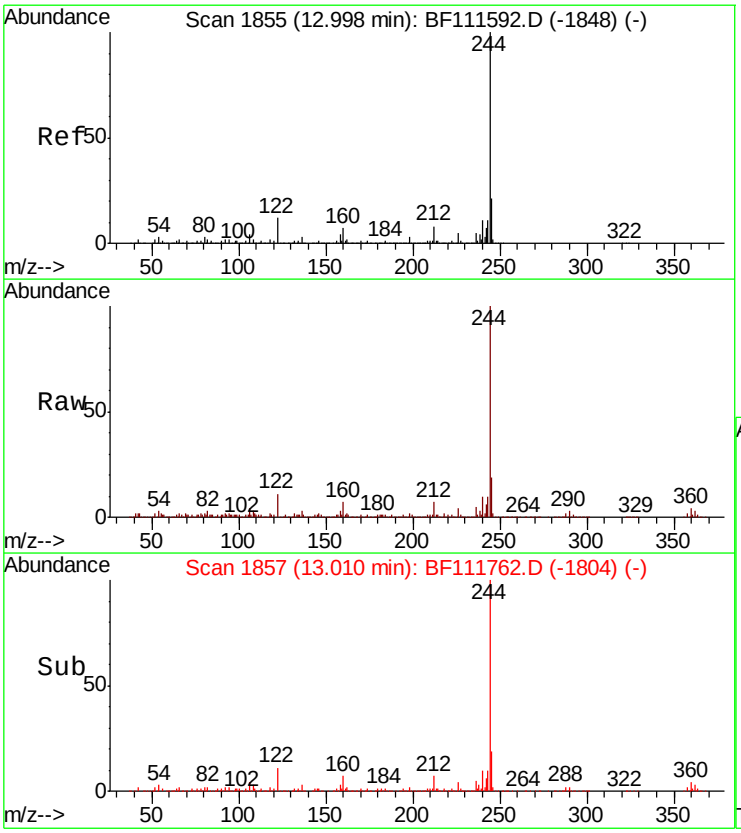
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:240 Resp: 316421

Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.2	18.2#
236	26.0	20.2	30.2

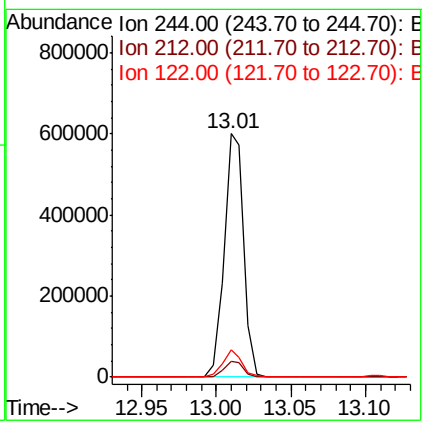


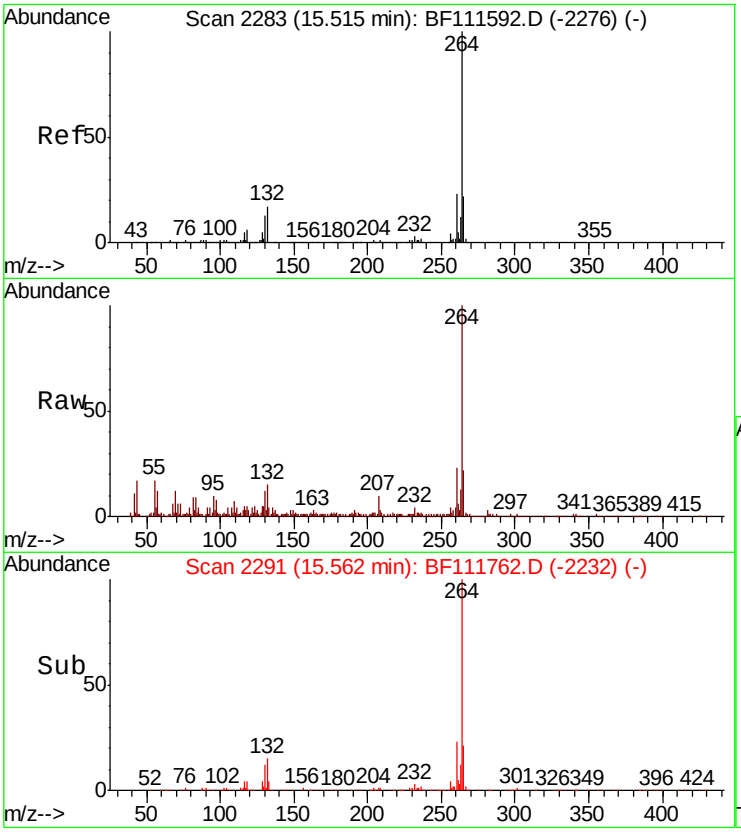


#79
Terphenyl-d14
Concen: 33.326 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Tgt Ion:244 Resp: 556059

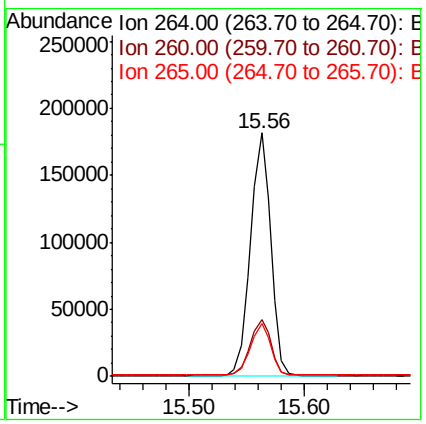
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.3	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111762.D
Acq: 27 Dec 2018 15:10

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0006-01RE

Tgt Ion:264 Resp: 222035

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.7	17.7	26.5