Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111756.D
Acq On : 27 Dec 2018 12:29
Operator : JU/SJ
Sample : J6446-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS021-1218-01

Quant Time: Dec 28 00:12:06 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	144087	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	508638	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	218953	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	342255	20.00	ng		0.00
76) Chrysene-d12	14.07	240	323063	20.00	ng		0.02
87) Perylene-d12	15.56	264	257201	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	757015	89.55	ng		0.02
7) Phenol-d6	6.54	99	932605	86.69	ng		0.02
23) Nitrobenzene-d5	7.46	82	624449	71.46	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	217498	84.07	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1108321	73.78	ng		0.00
79) Terphenyl-d14	13.01	244	897670	52.69	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.55	94	57473	4.735	ng		96
19) n-Nitroso-di-n-propylamine	7.46	70	87226	12.209	ng	#	80
25) Isophorone	7.46	82	621884	40.088	ng	#	64
50) Dimethylphthalate	9.65	163	138981	8.680	ng		98
51) 2,6-Dinitrotoluene	9.66	165	7143	2.237	ng	#	80
57) 2,4-Dinitrotoluene	9.94	165	28320	7.380	ng	#	26
65) 4,6-Dinitro-2-methylphenol	10.73	198	424	6.951	ng	#	1
67) 4-Bromophenyl-phenylether	10.73	248	14379	3.387	ng	#	1
69) Atrazine	11.13	200	59141	14.818	ng	#	37

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111756.D
Acq On : 27 Dec 2018 12:29
Operator : JU/SJ
Sample : J6446-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Quant Time: Dec 28 00:12:06 2018
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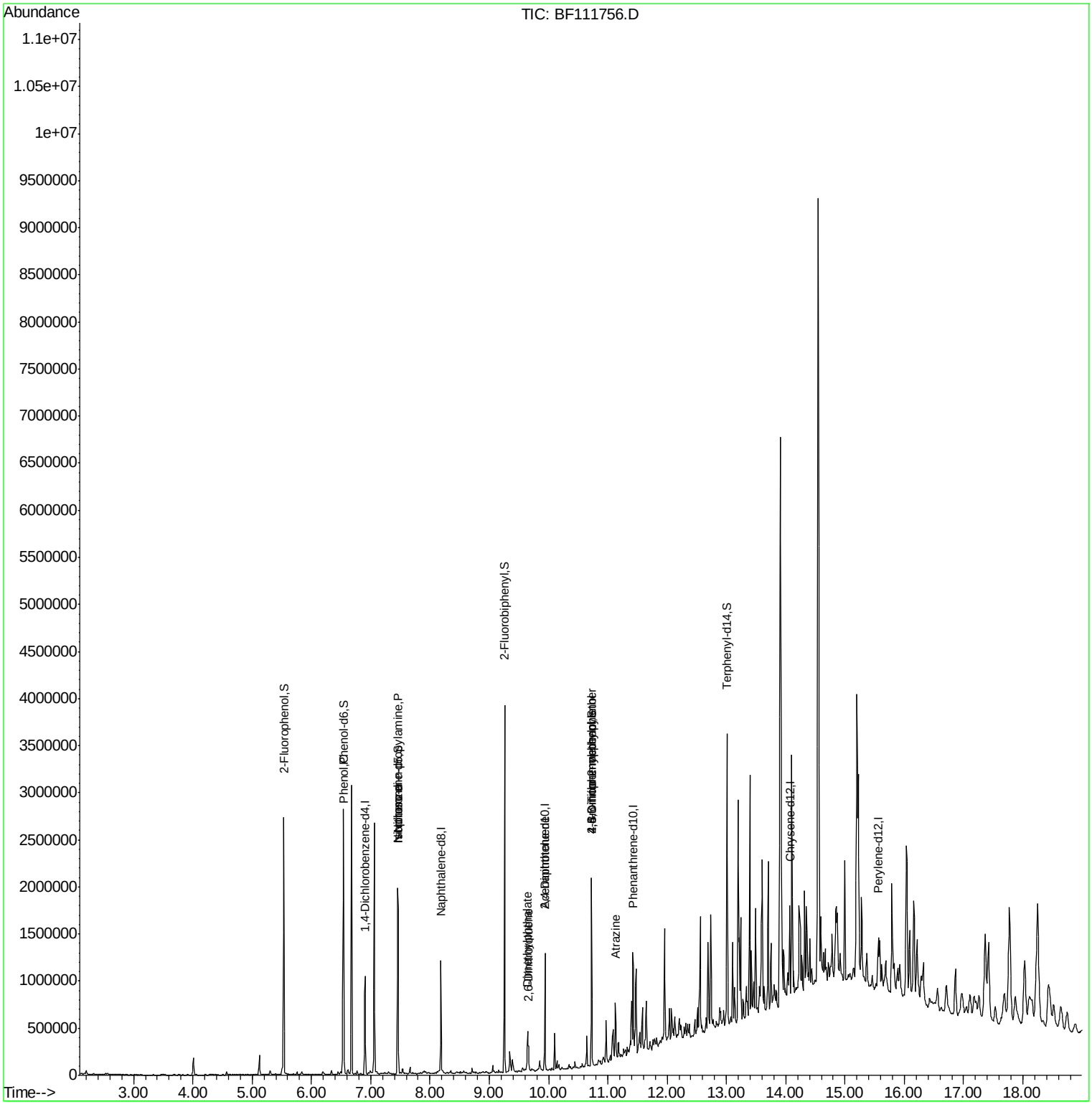
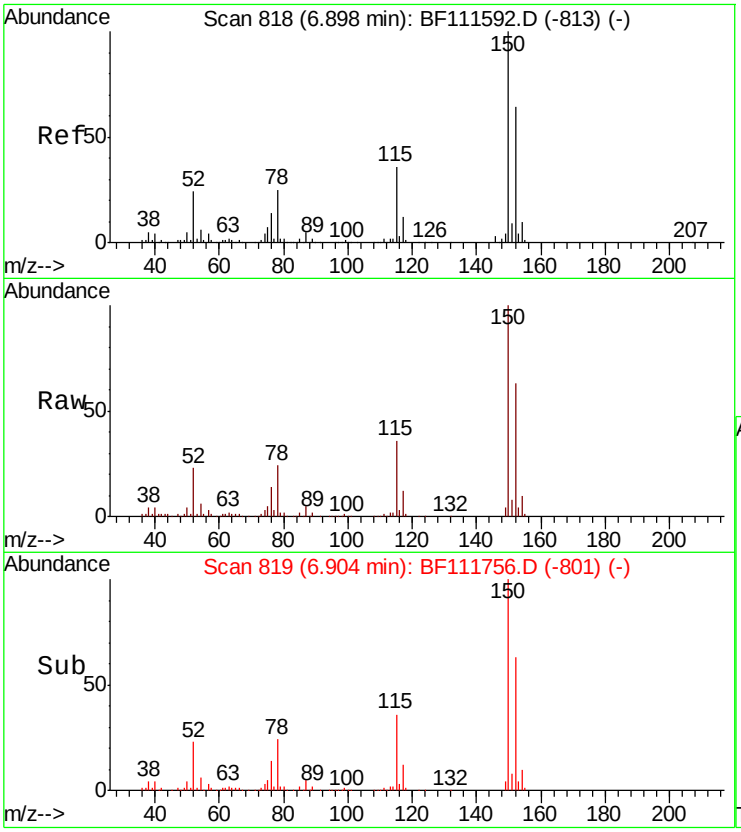
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



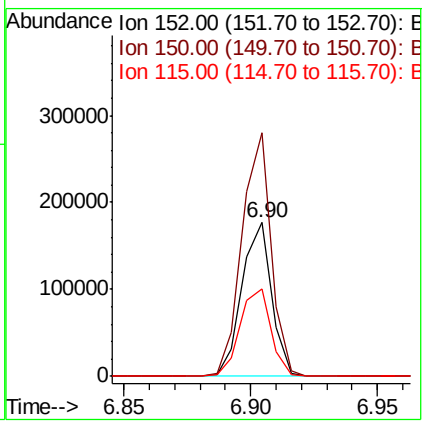


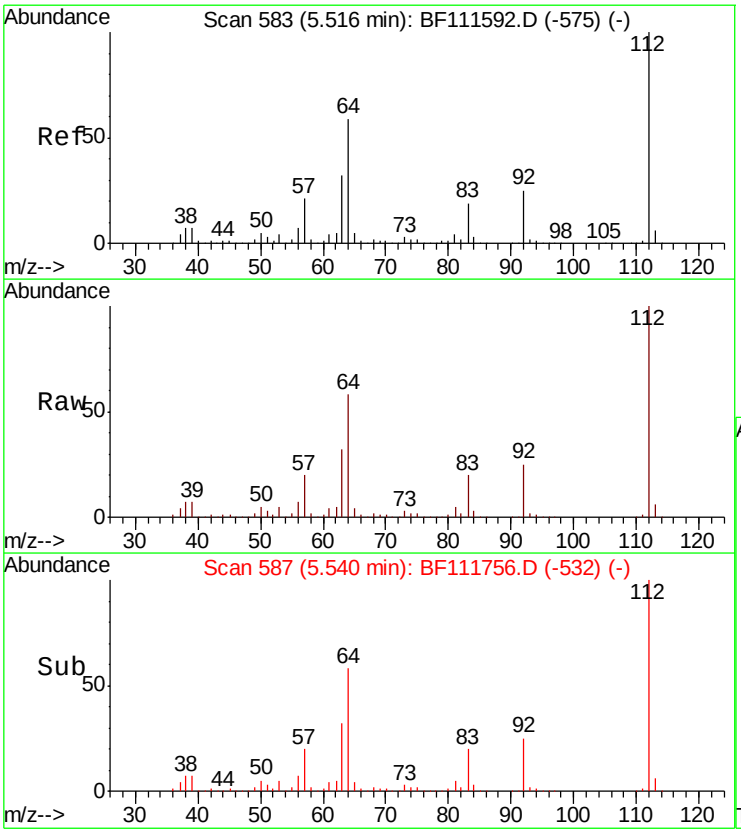
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:152 Resp: 144087

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.6	189.8
115	57.2	50.7	76.1

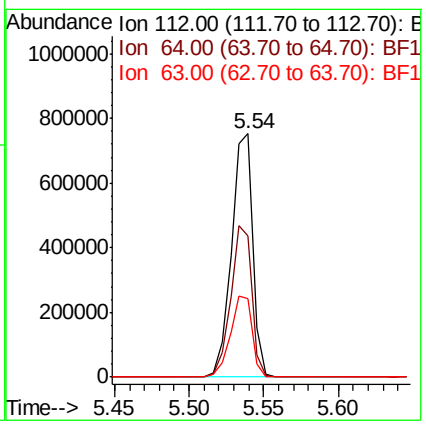


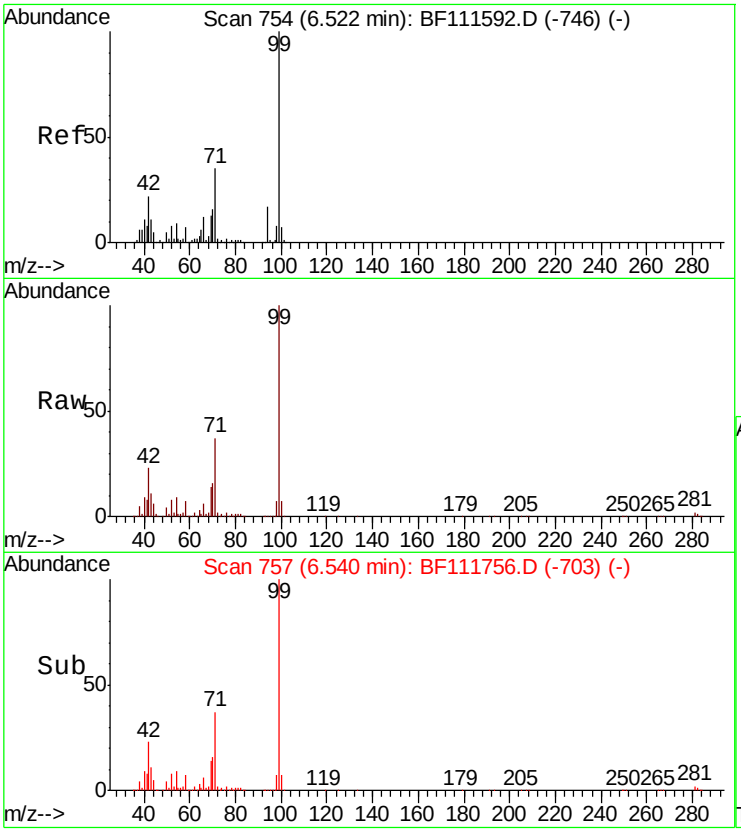


#5
2-Fluorophenol
Concen: 89.554 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:112 Resp: 757015

Ion	Ratio	Lower	Upper
112	100		
64	58.0	51.8	77.6
63	32.4	26.8	40.2



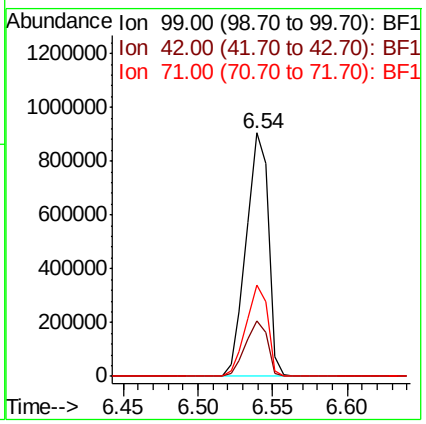


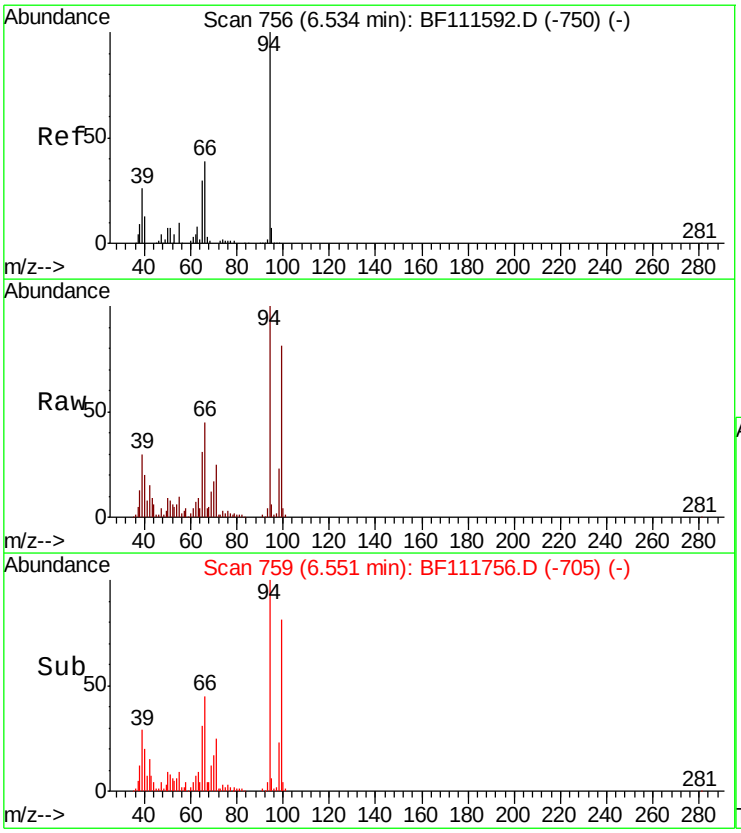
#7
Phenol-d6
Concen: 86.690 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion: 99 Resp: 932605

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.4	26.0
71	37.4	26.1	39.1

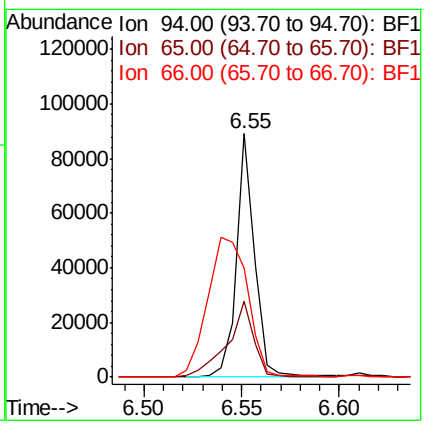


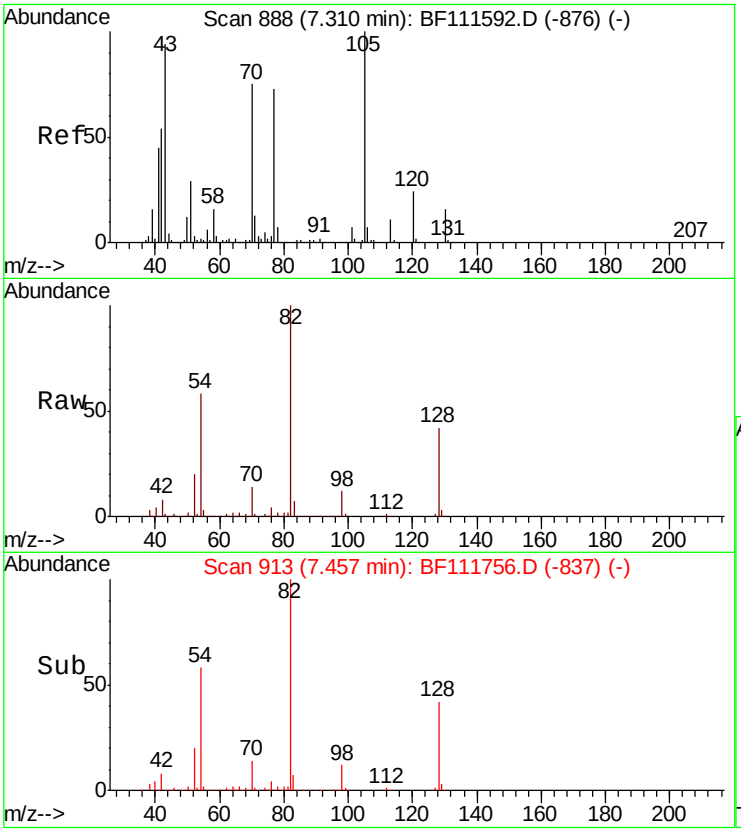


#10
Phenol
Concen: 4.735 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion: 94 Resp: 57473

Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.7	51.7
66	44.8	21.0	61.0



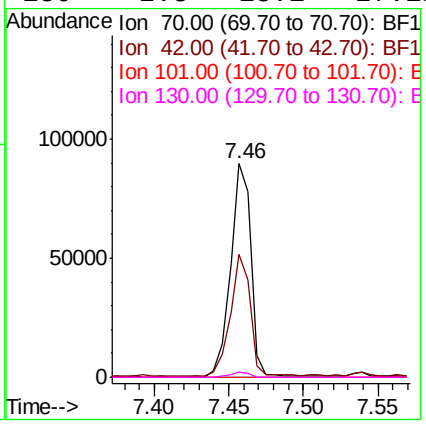


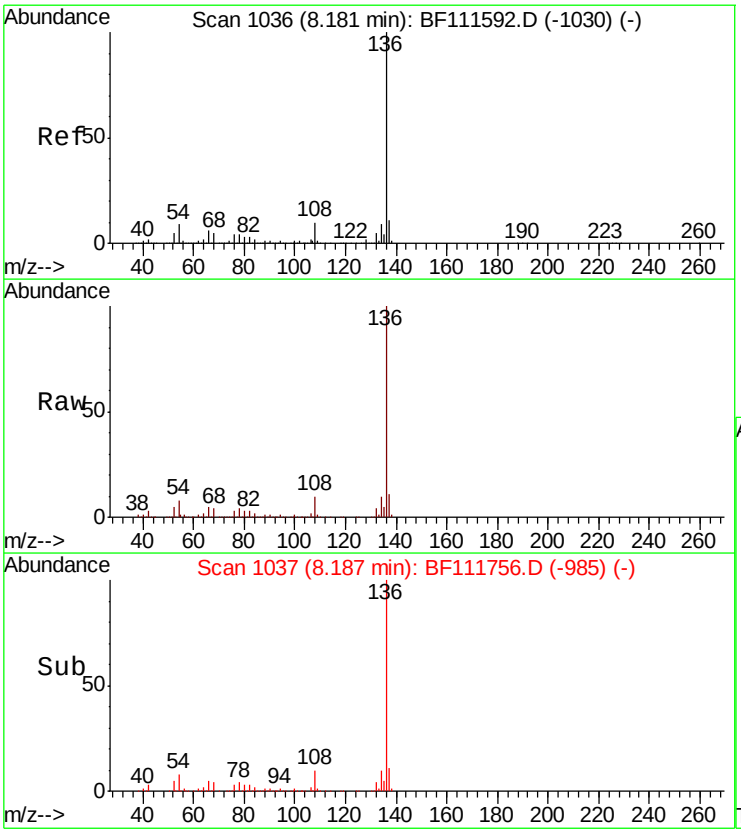
#19
n-Nitroso-di-n-propylamine
Concen: 12.209 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion: 70 Resp: 87226

Ion	Ratio	Lower	Upper
70	100		
42	57.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

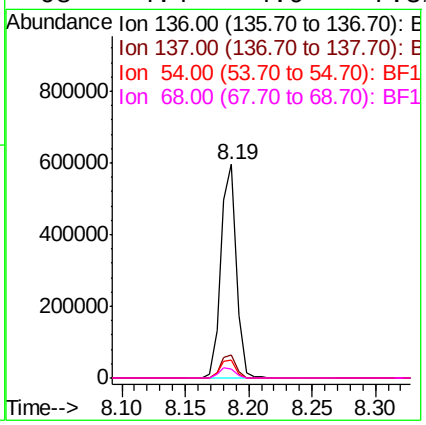


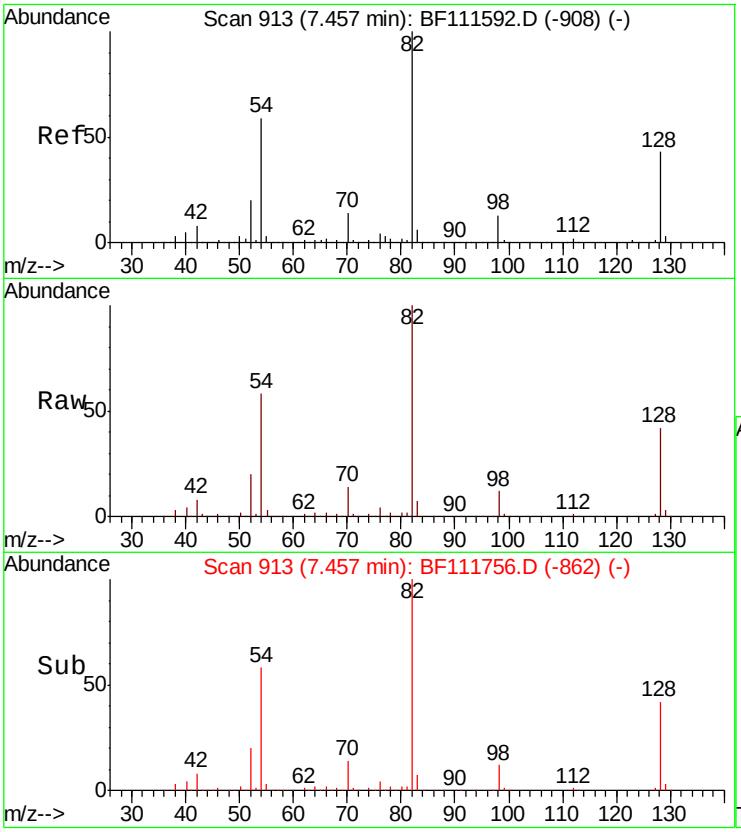


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:136 Resp: 508638

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.2	7.7	11.5
68	4.4	4.9	7.3#



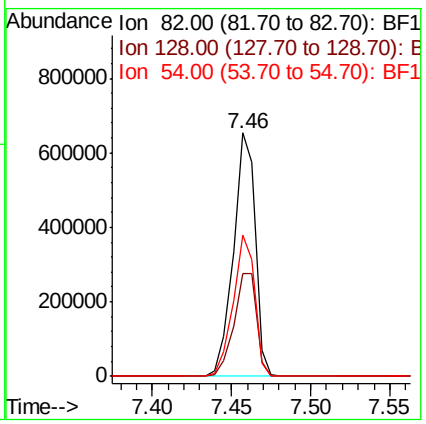


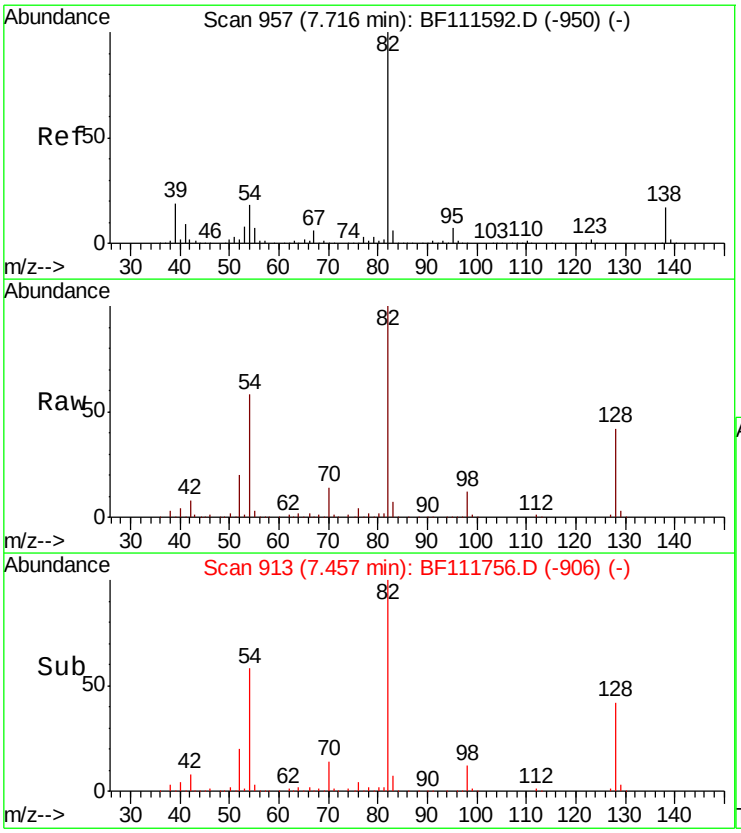
#23
Nitrobenzene-d5
Concen: 71.461 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion: 82 Resp: 624449

Ion	Ratio	Lower	Upper
82	100		
128	42.3	37.4	56.2
54	58.1	47.6	71.4

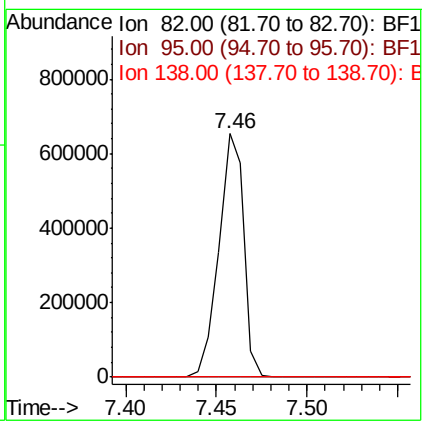


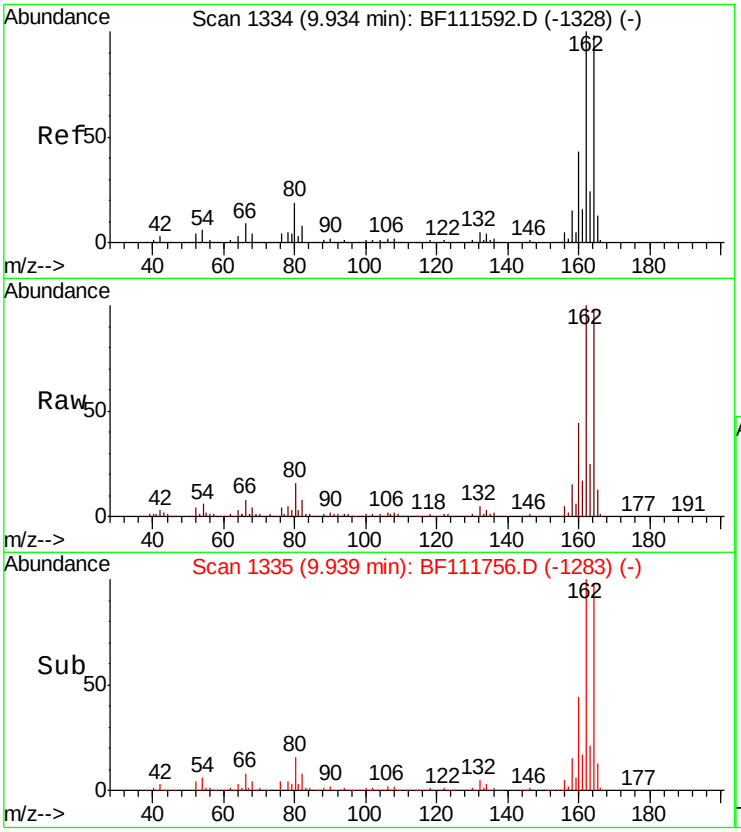


#25
Isophorone
Concen: 40.088 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion: 82 Resp: 621884

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



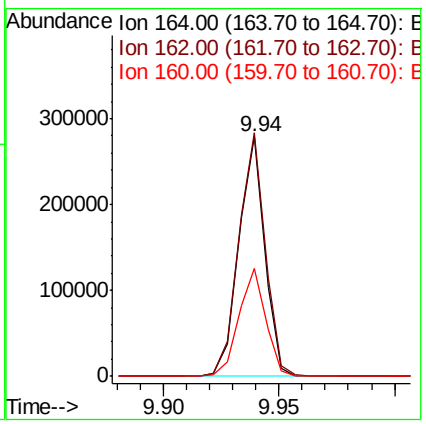


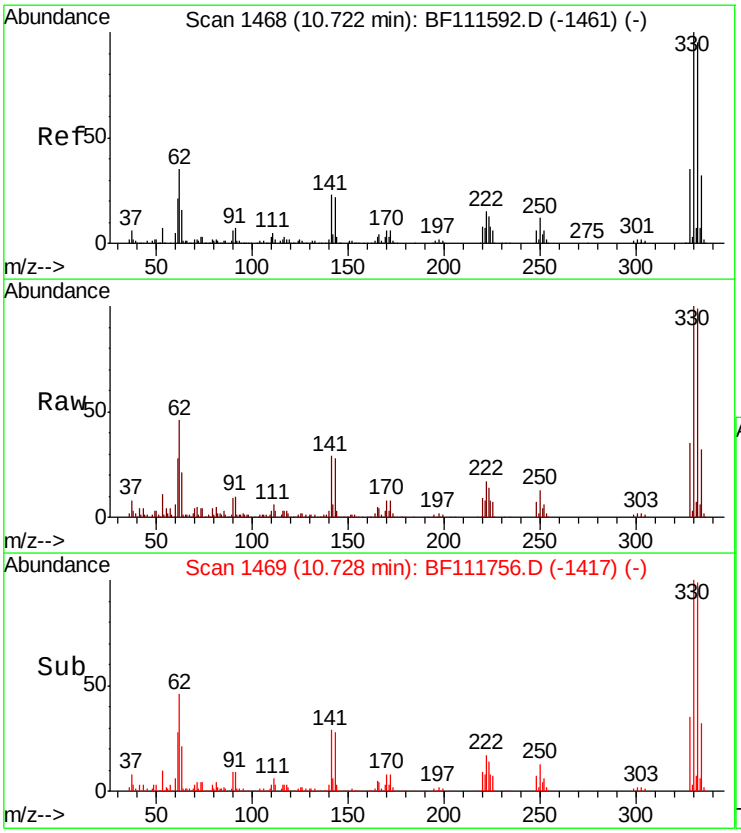
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:164 Resp: 218953

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.1	35.7	53.5

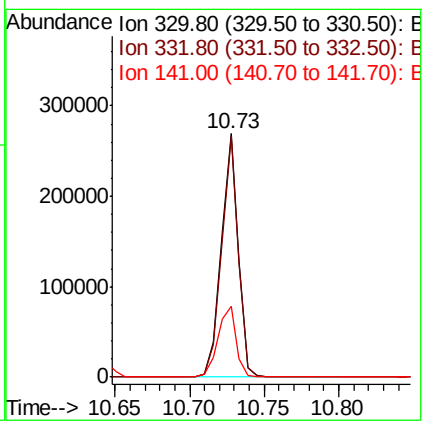


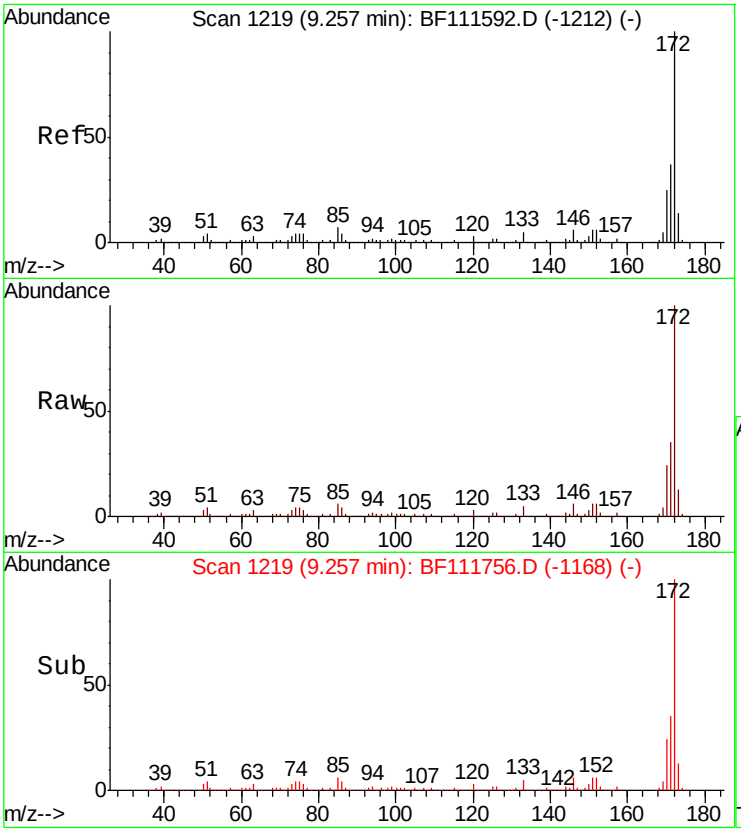


#42
2,4,6-Tribromophenol
Concen: 84.070 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:330 Resp: 217498

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	31.6	31.0	46.6



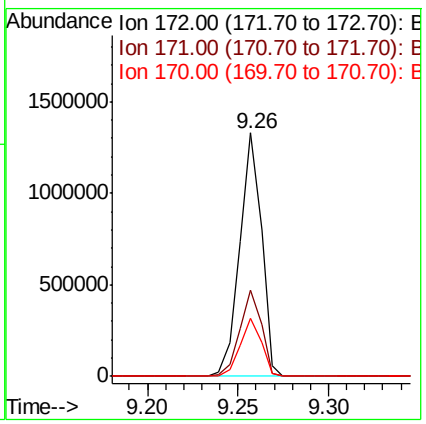


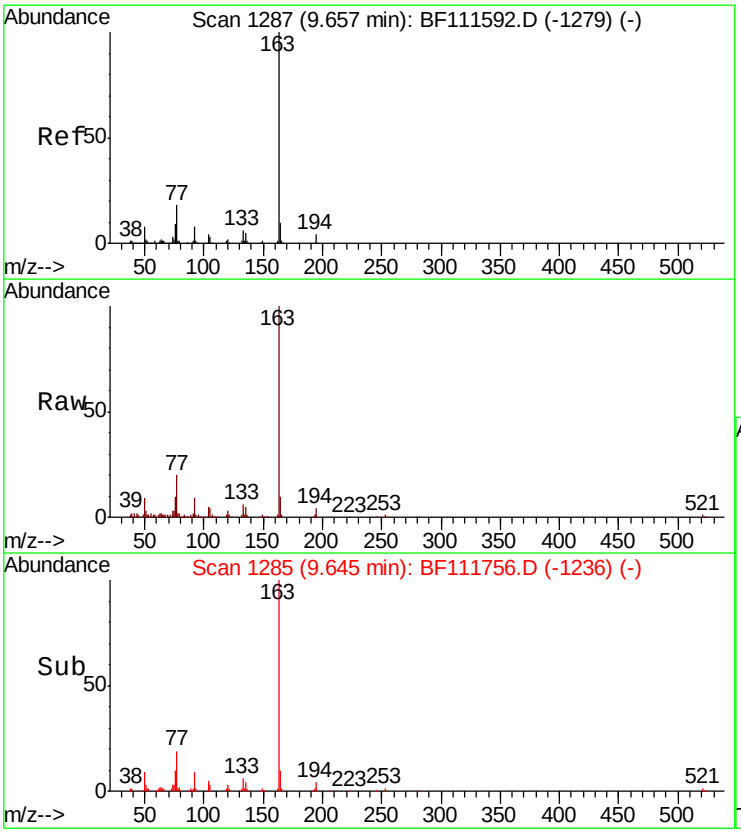
#45
2-Fluorobiphenyl
Concen: 73.781 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:172 Resp: 1108321

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.6	22.3	33.5

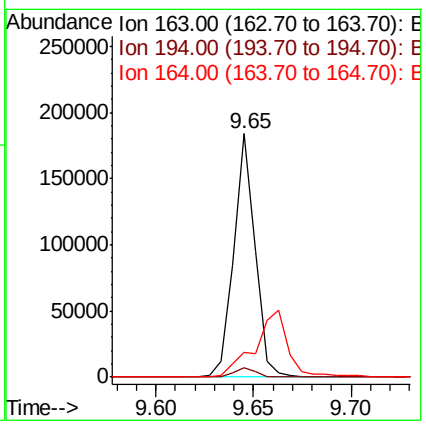


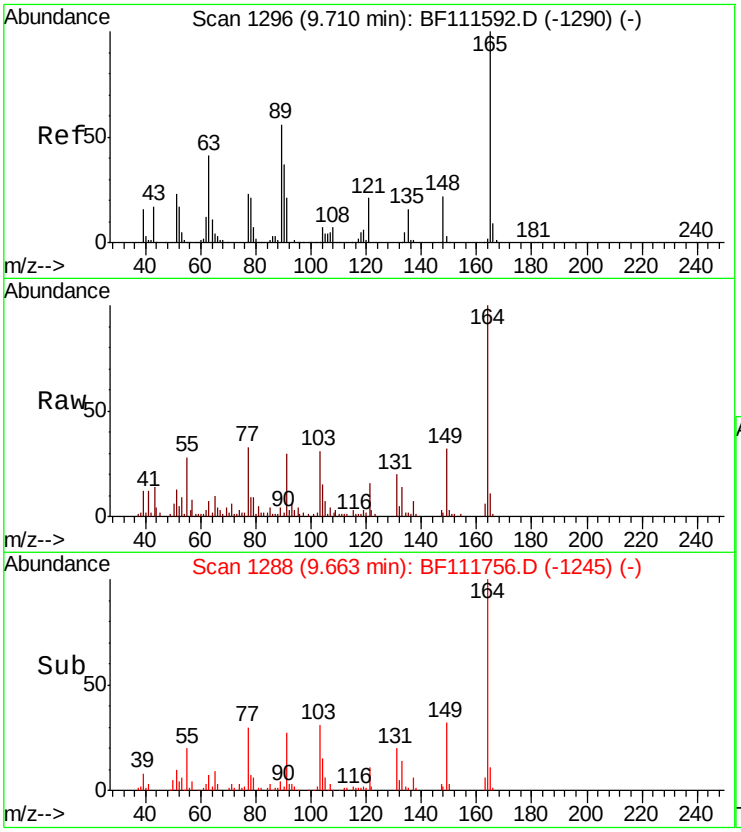


#50
Dimethylphthalate
Concen: 8.680 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:163 Resp: 138981

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.9	8.9	13.3



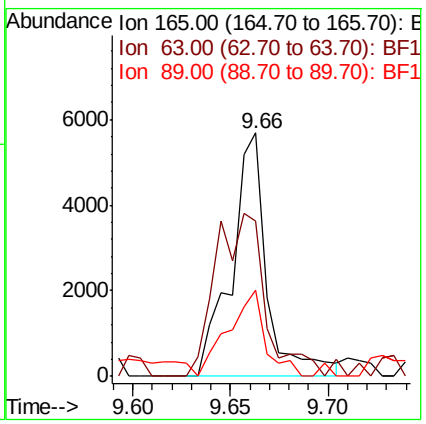


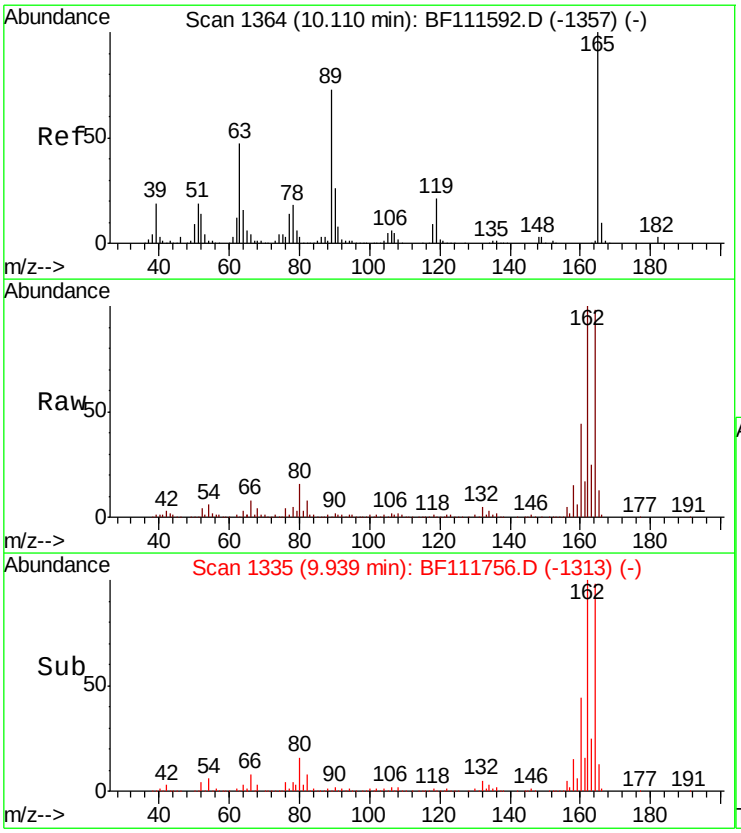
#51
2,6-Dinitrotoluene
Concen: 2.237 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:165 Resp: 7143

Ion	Ratio	Lower	Upper
165	100		
63	64.0	40.5	60.7#
89	35.3	40.0	60.0#

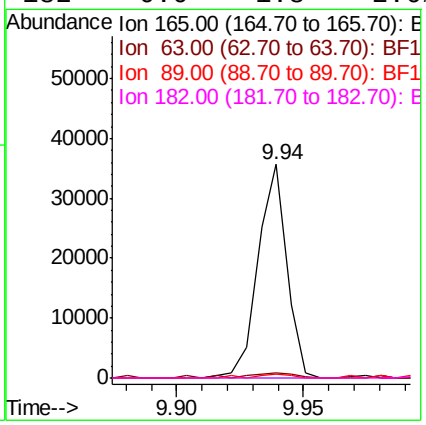


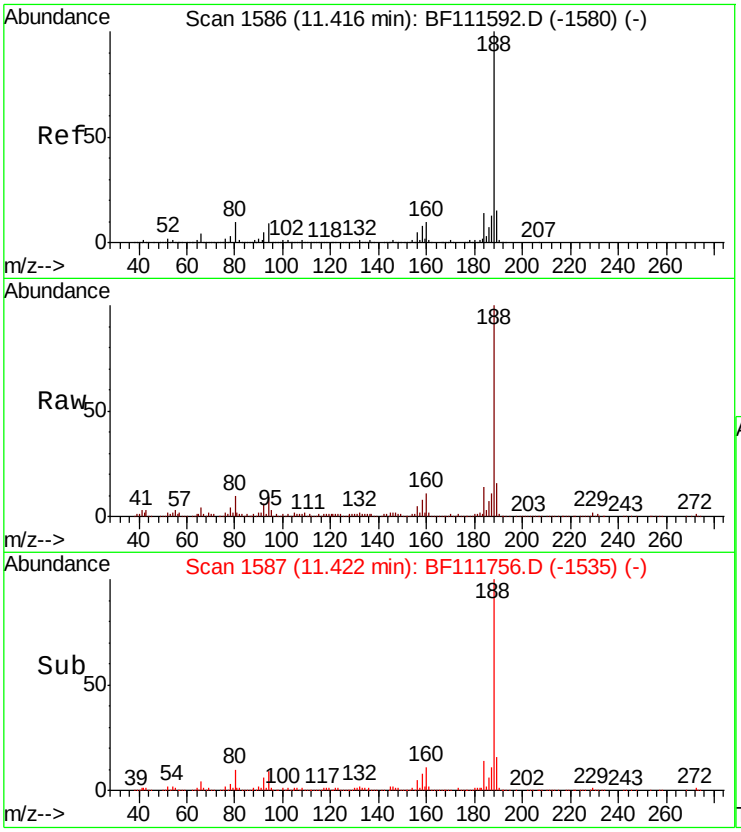


#57
2,4-Dinitrotoluene
Concen: 7.380 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:165 Resp: 28320

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.6	52.0#
89	2.0	56.2	84.4#
182	0.0	1.8	2.6#



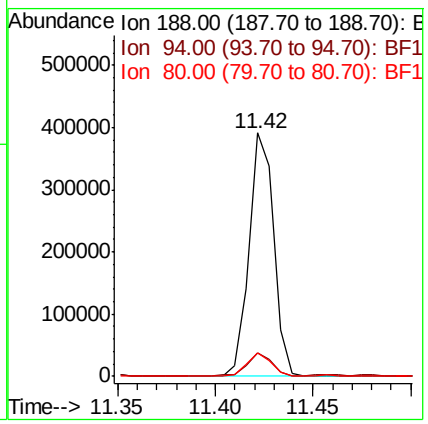


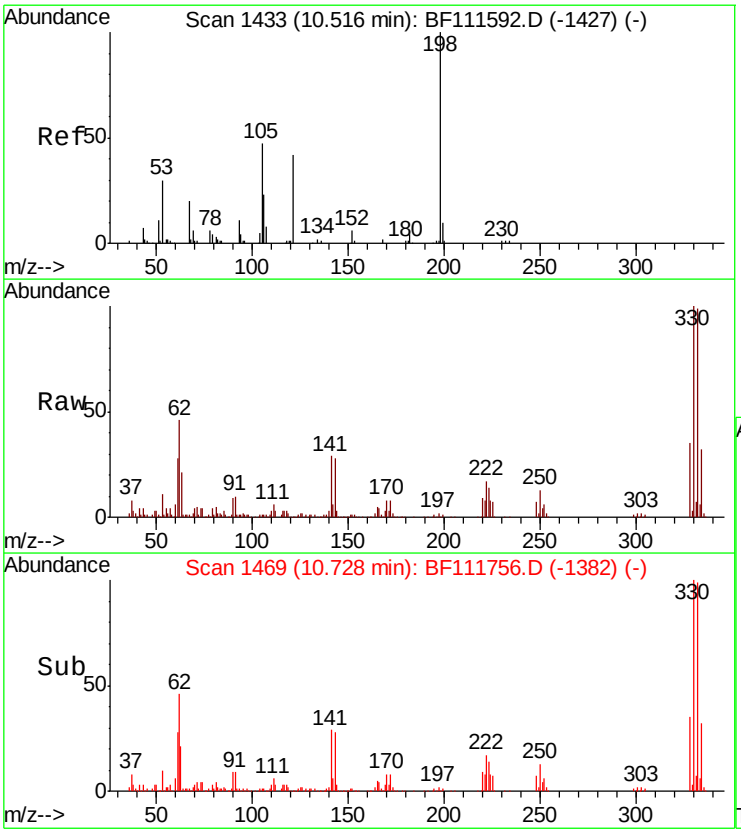
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:188 Resp: 342255

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	9.8	9.8	14.6

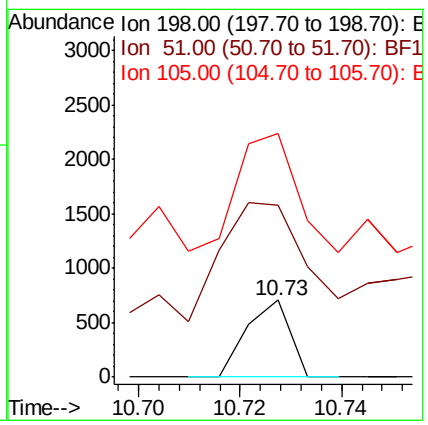


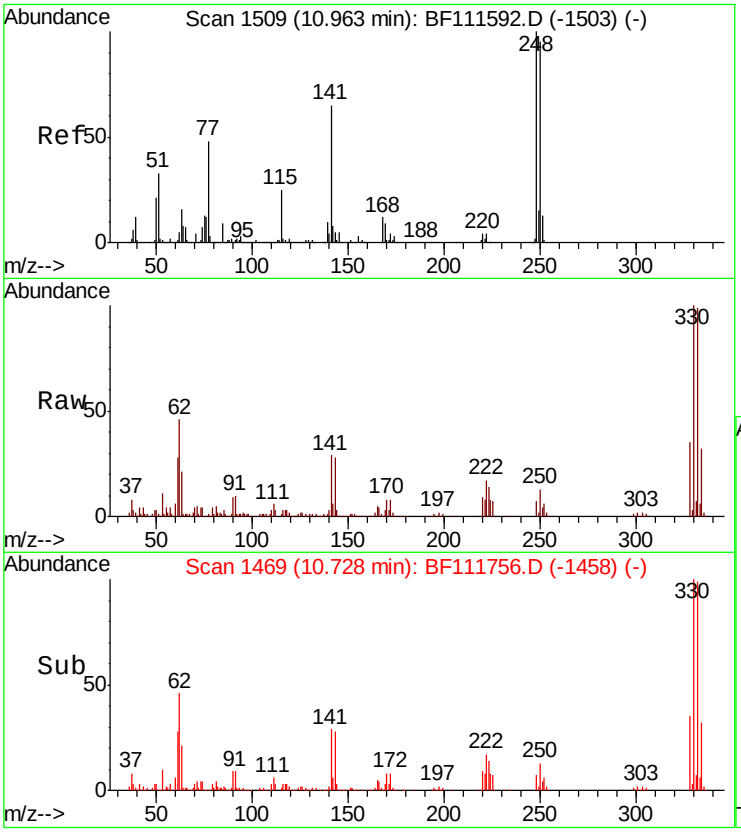


#65
4,6-Dinitro-2-methylphenol
Concen: 6.951 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:198 Resp: 424

Ion	Ratio	Lower	Upper
198	100		
51	223.7	48.0	88.0#
105	315.7	34.0	74.0#



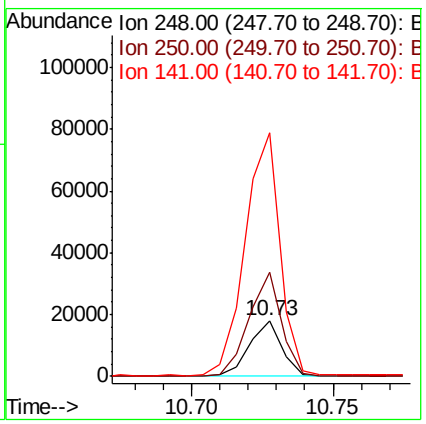


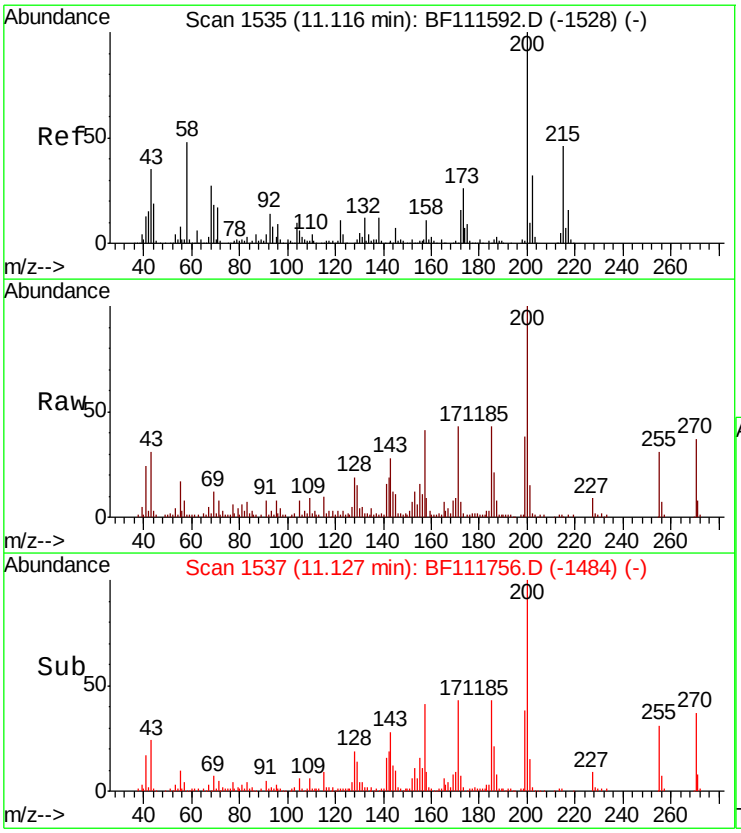
#67
4-Bromophenyl-phenylether
Concen: 3.387 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:248 Resp: 14379

Ion	Ratio	Lower	Upper
248	100		
250	187.2	77.0	115.4#
141	438.3	63.0	94.6#

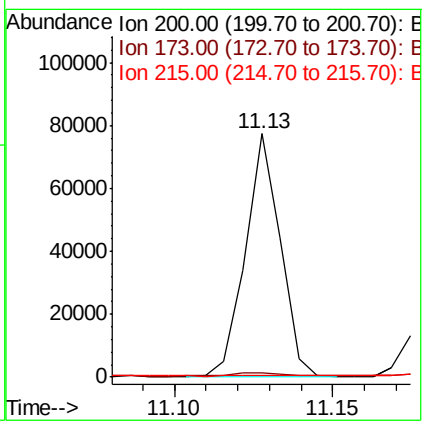


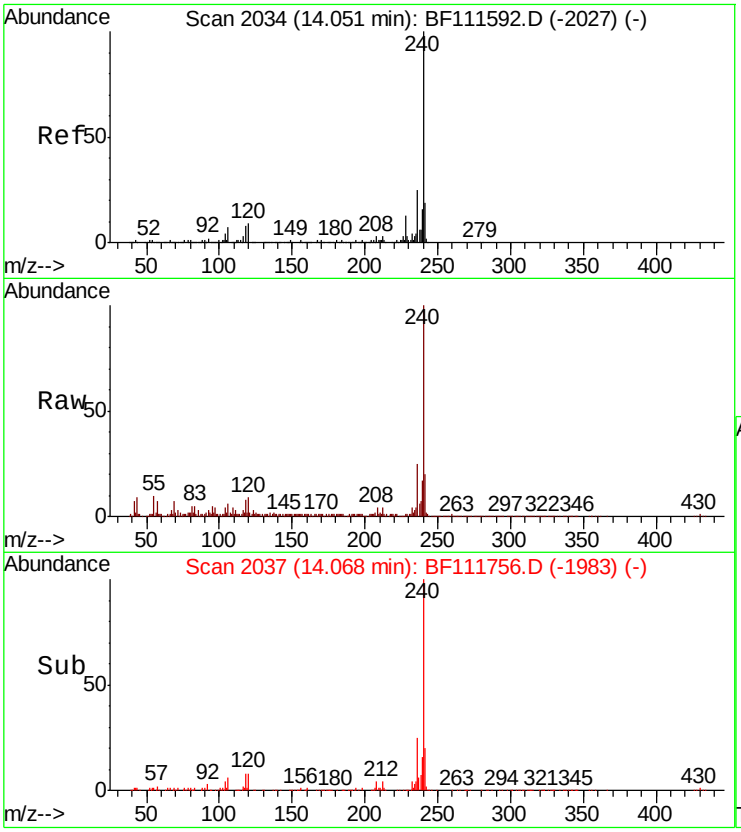


#69
Atrazine
Concen: 14.818 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:200 Resp: 59141

Ion	Ratio	Lower	Upper
200	100		
173	1.8	10.1	50.1#
215	0.4	26.9	66.9#



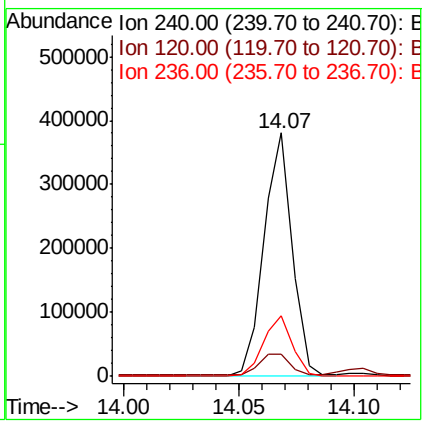


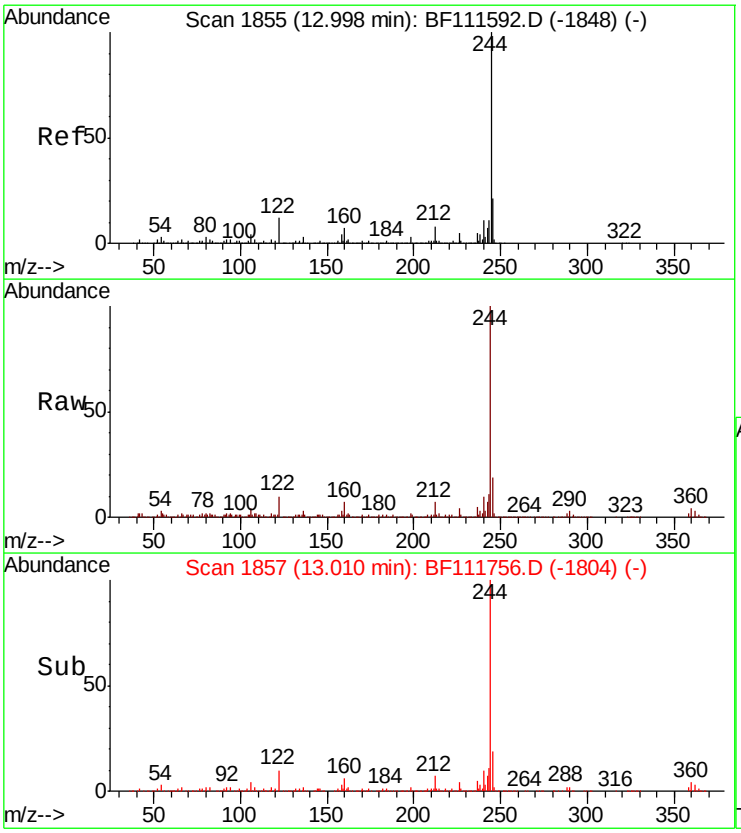
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:240 Resp: 323063

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	24.7	20.2	30.2

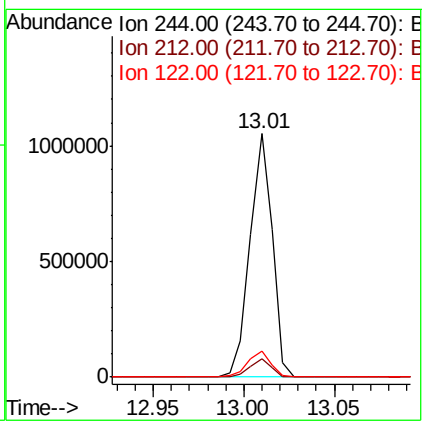


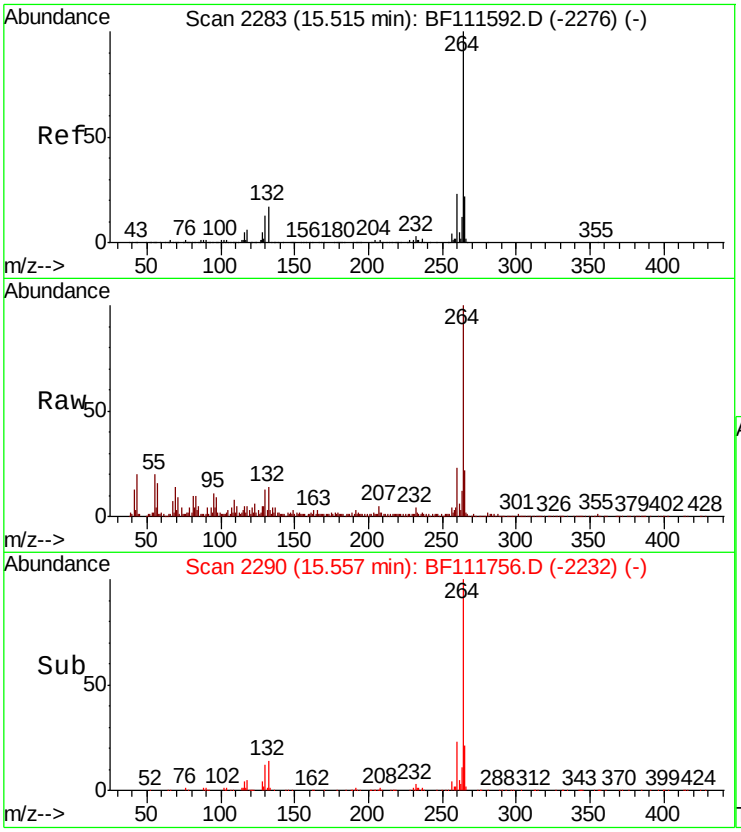


#79
Terphenyl-d14
Concen: 52.694 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Tgt Ion:244 Resp: 897670

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.4	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111756.D
Acq: 27 Dec 2018 12:29

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1218-01

Tgt Ion:264 Resp: 257201

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.6	17.7	26.5