Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111648.D
Acq On : 20 Dec 2018 19:37
Operator : JU/SJ
Sample : J6353-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS004-0002-01

Quant Time: Dec 21 06:21:16 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	186645	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	696856	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	340103	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	586168	20.00	ng		0.00
76) Chrysene-d12	14.04	240	444098	20.00	ng		0.00
87) Perylene-d12	15.52	264	450767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	904943	82.64	ng		0.00
7) Phenol-d6	6.52	99	1184606	85.01	ng		0.00
23) Nitrobenzene-d5	7.45	82	708233	59.16	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	292958	72.90	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1203166	51.56	ng		0.00
79) Terphenyl-d14	12.99	244	1025290	43.78	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	83096	5.285	ng		91
19) n-Nitroso-di-n-propylamine	7.45	70	98834	10.679	ng	#	75
25) Isophorone	7.45	82	708226	33.323	ng	#	64
50) Dimethylphthalate	9.64	163	125308	5.038	ng		96
51) 2,6-Dinitrotoluene	9.93	165	44465	8.966	ng	#	29
57) 2,4-Dinitrotoluene	9.93	165	44465	7.460	ng	#	25
65) 4,6-Dinitro-2-methylphenol	10.72	198	418	6.841	ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	18111	2.491	ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.03	149	44584	2.769	ng	#	98

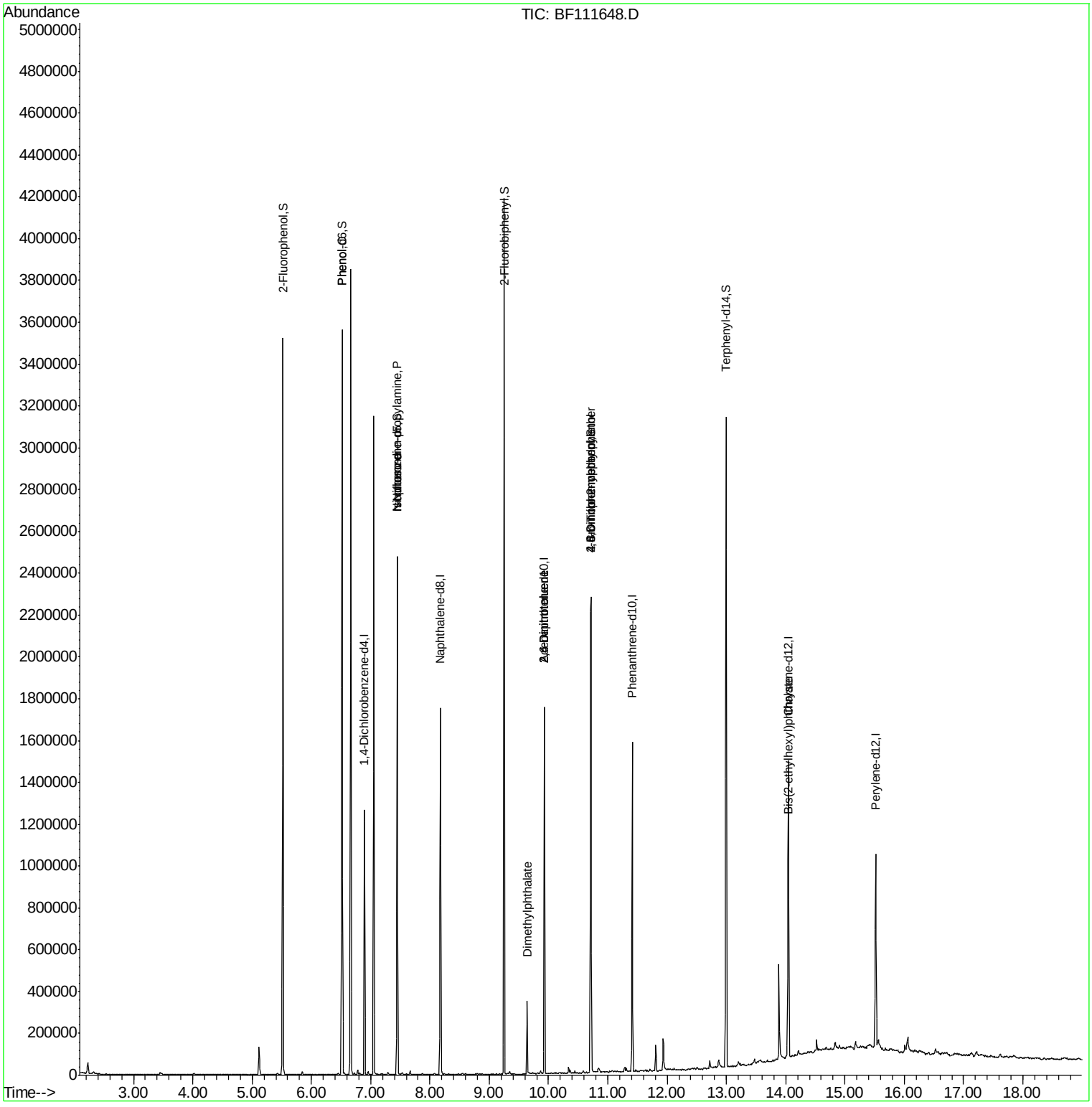
(#) = qualifier out of range (m) = manual integration (+) = signals summed

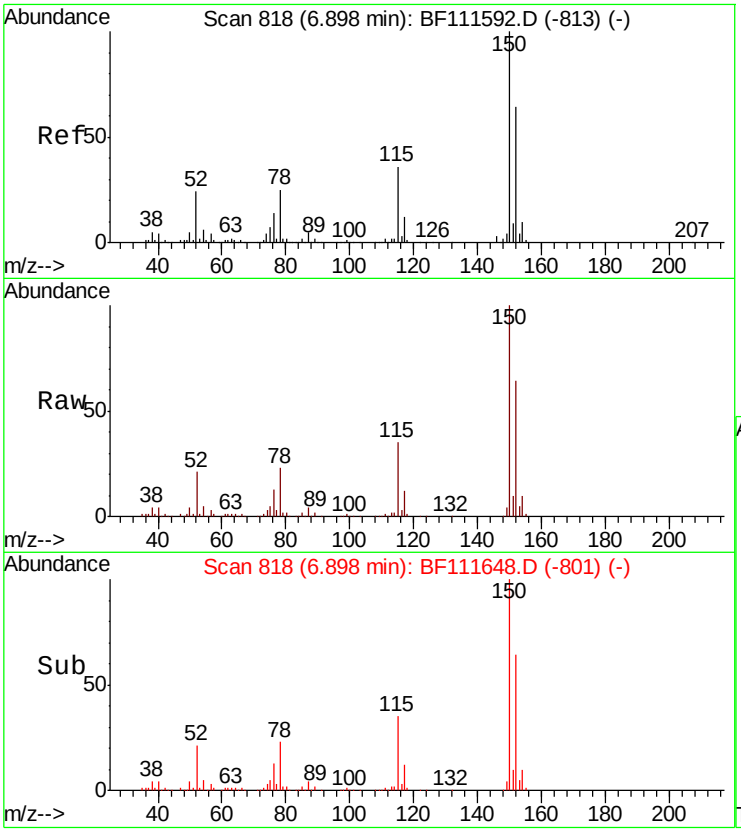
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111648.D
Acq On : 20 Dec 2018 19:37
Operator : JU/SJ
Sample : J6353-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Quant Time: Dec 21 06:21:16 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



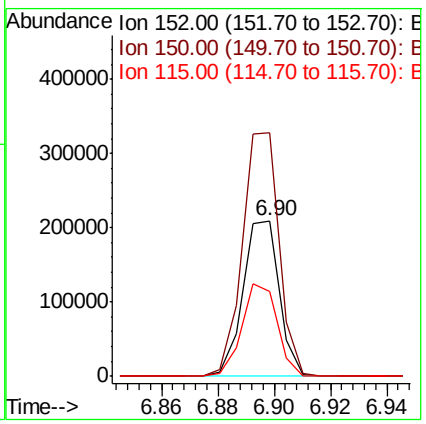


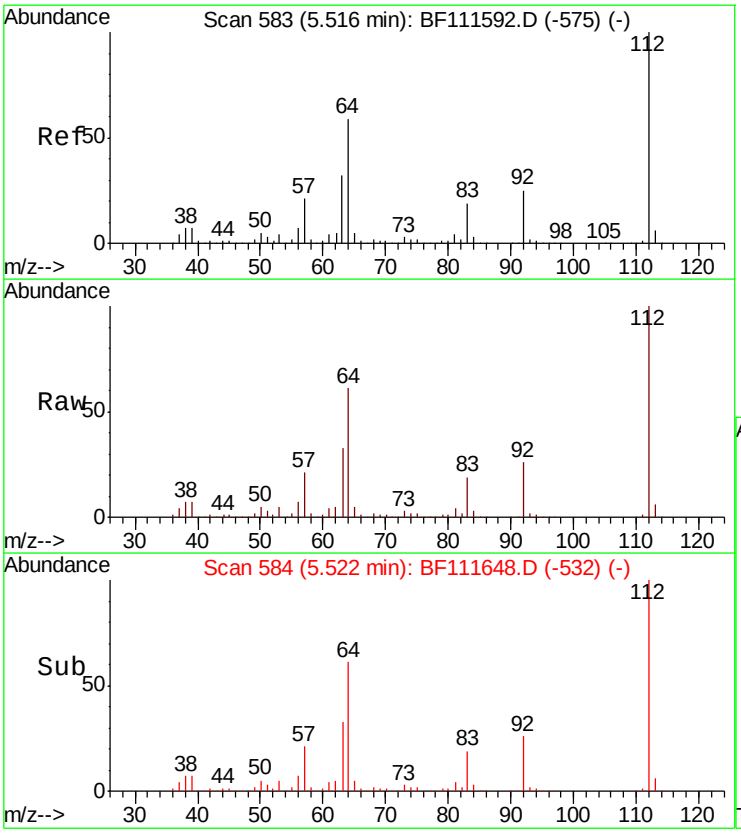
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:152 Resp: 186645

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	54.1	50.7	76.1

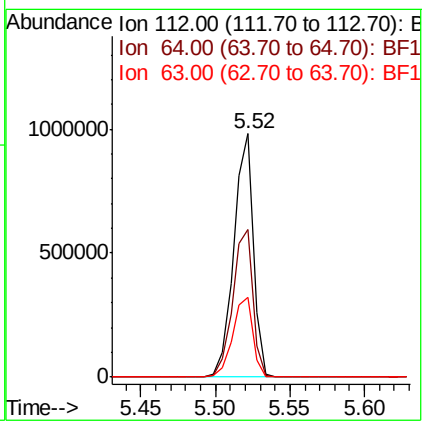


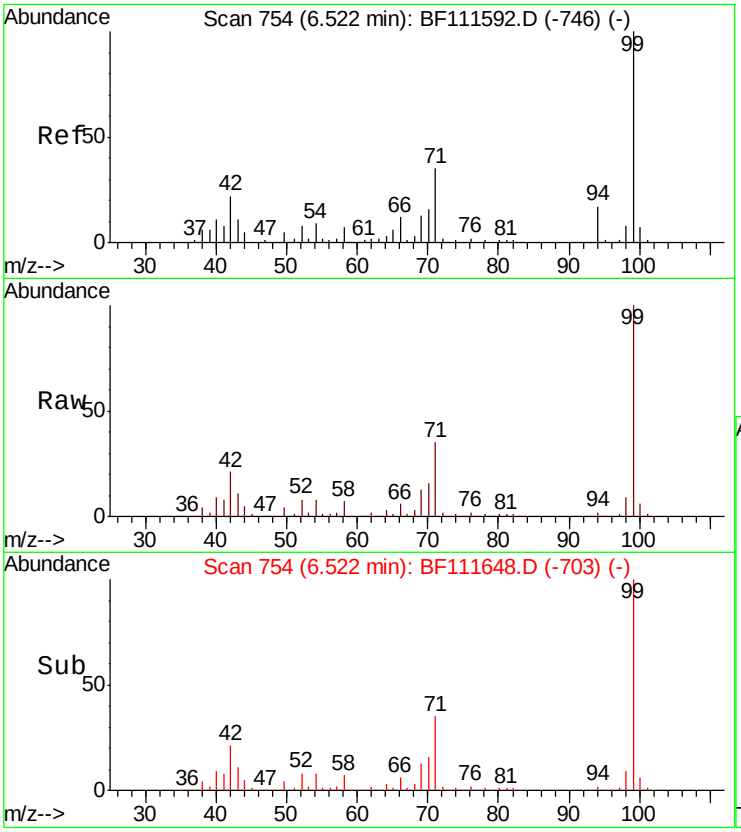


#5
2-Fluorophenol
Concen: 82.644 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:112 Resp: 904943

Ion	Ratio	Lower	Upper
112	100		
64	60.7	51.8	77.6
63	32.8	26.8	40.2



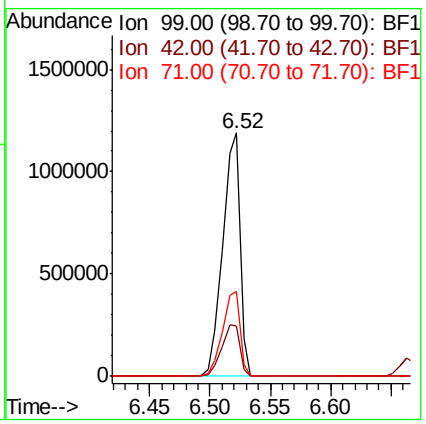


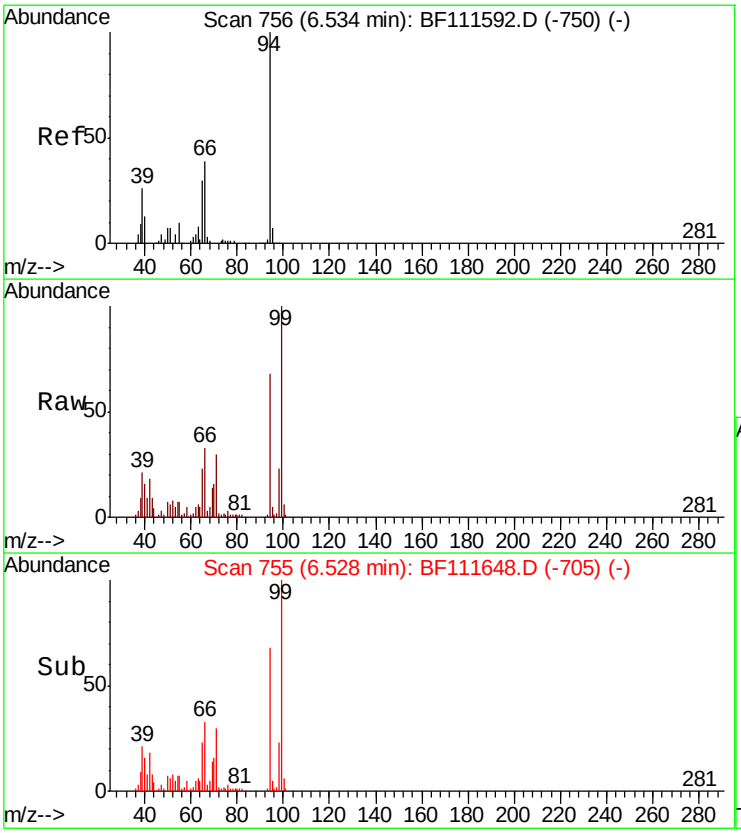
#7
Phenol-d6
Concen: 85.007 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion: 99 Resp: 1184606

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.4	26.0
71	34.8	26.1	39.1

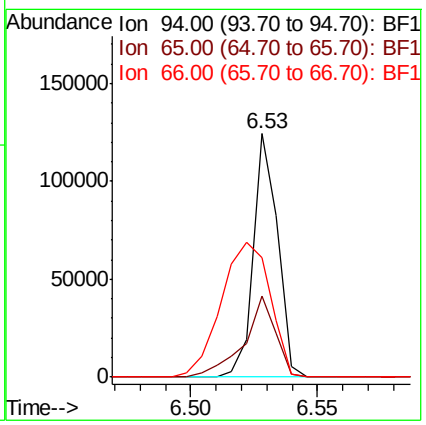


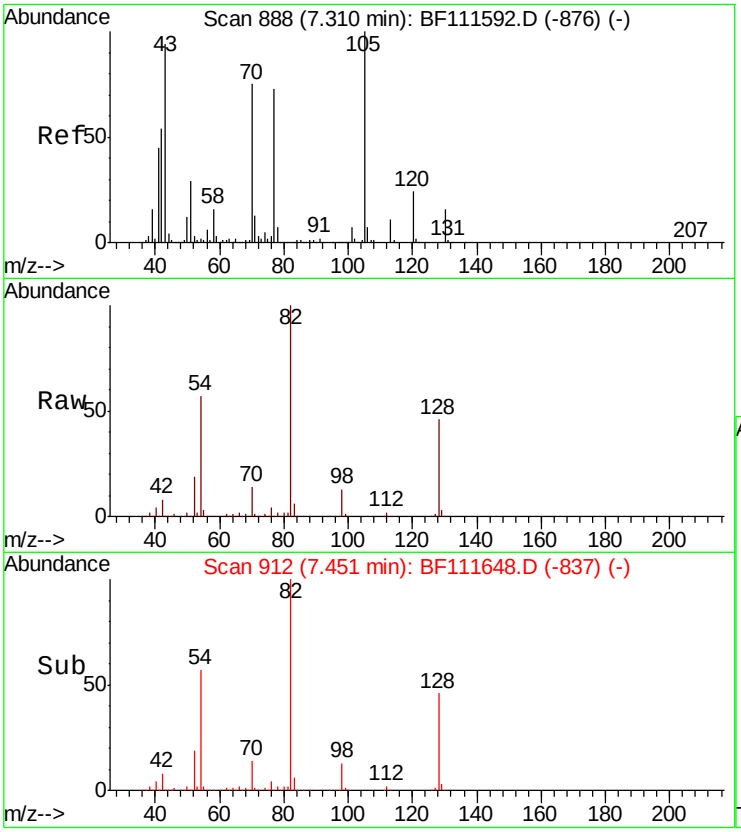


#10
Phenol
Concen: 5.285 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion: 94 Resp: 83096

Ion	Ratio	Lower	Upper
94	100		
65	33.4	11.7	51.7
66	49.1	21.0	61.0



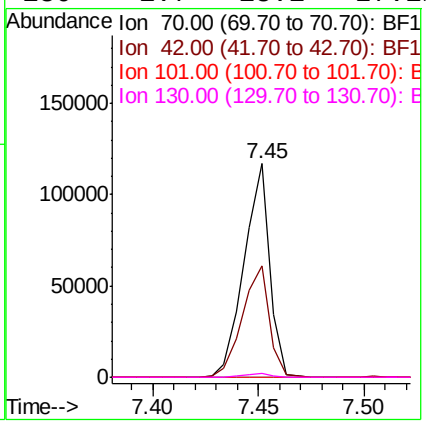


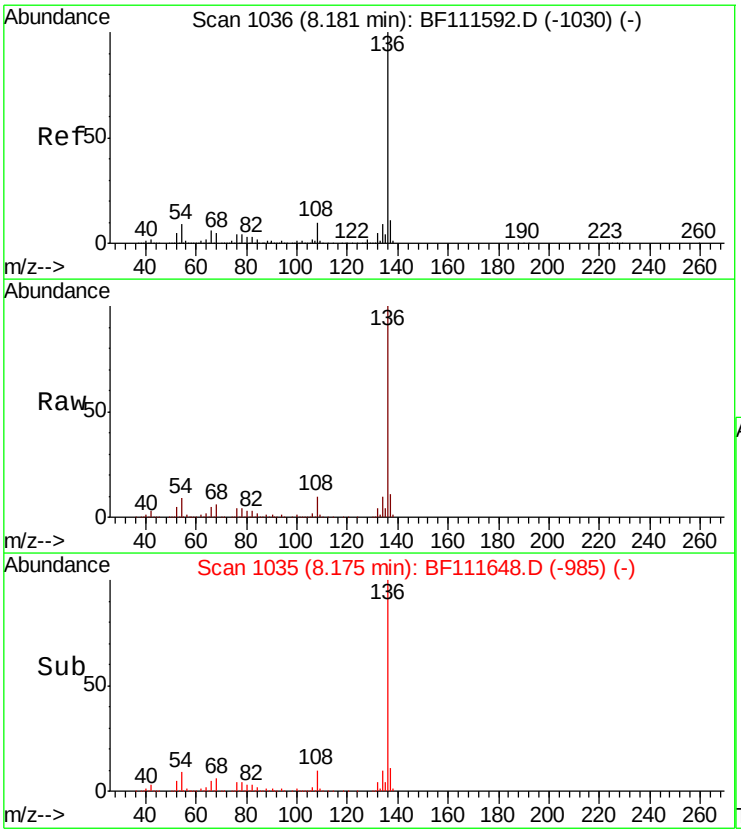
#19
n-Nitroso-di-n-propylamine
Concen: 10.679 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion: 70 Resp: 98834

Ion	Ratio	Lower	Upper
70	100		
42	52.2	53.2	79.8#
101	0.0	8.2	12.4#
130	1.7	18.1	27.1#

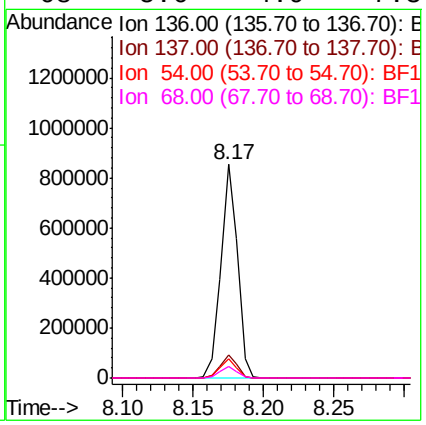


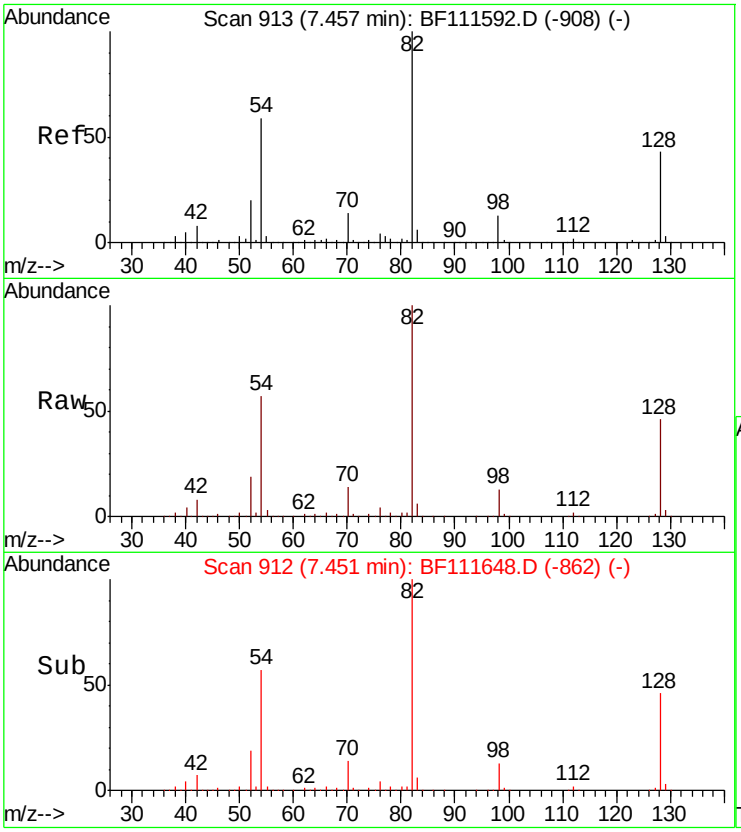


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:136 Resp: 696856

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.2	7.7	11.5
68	5.6	4.9	7.3



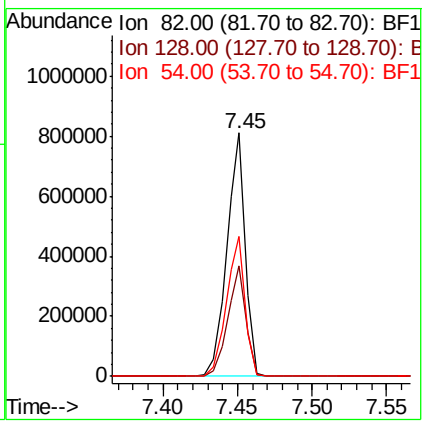


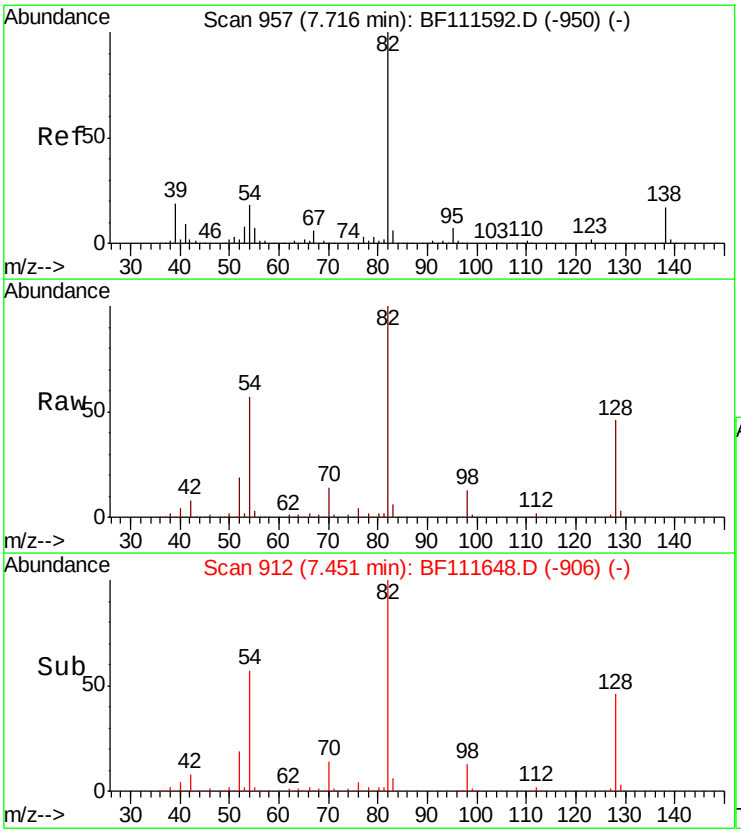
#23
Nitrobenzene-d5
Concen: 59.158 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion: 82 Resp: 708233

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.2
54	57.4	47.6	71.4

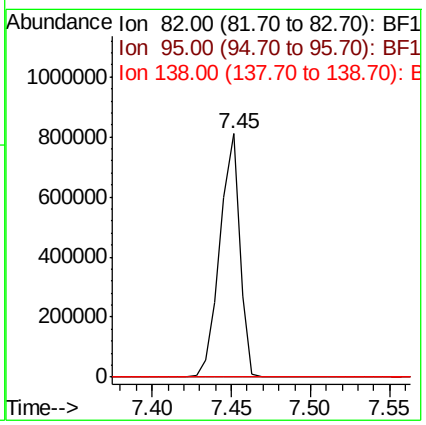


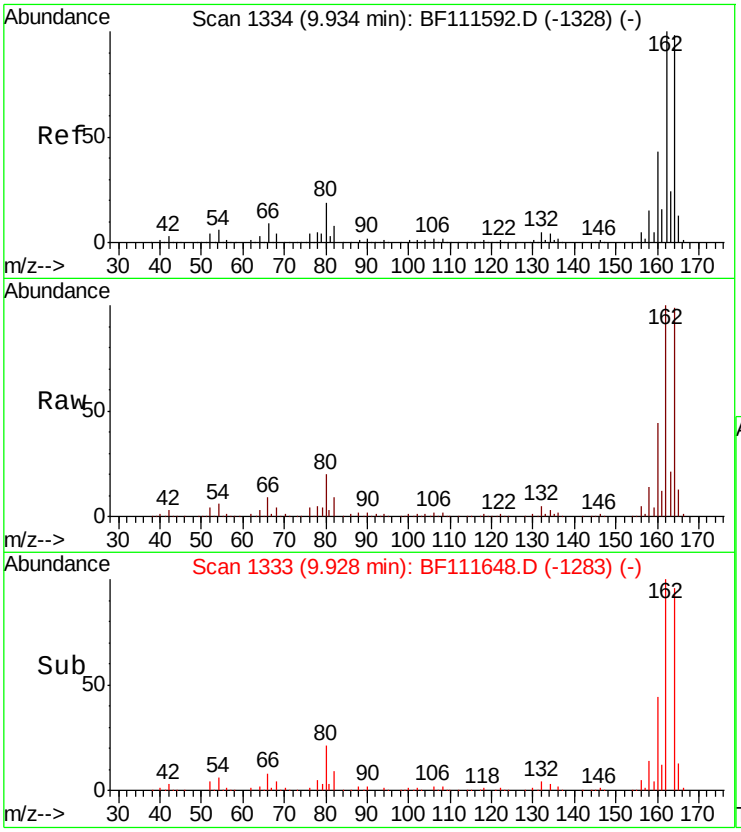


#25
Isophorone
Concen: 33.323 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion: 82 Resp: 708226

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



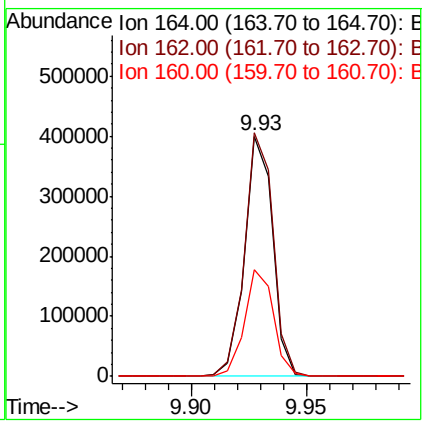


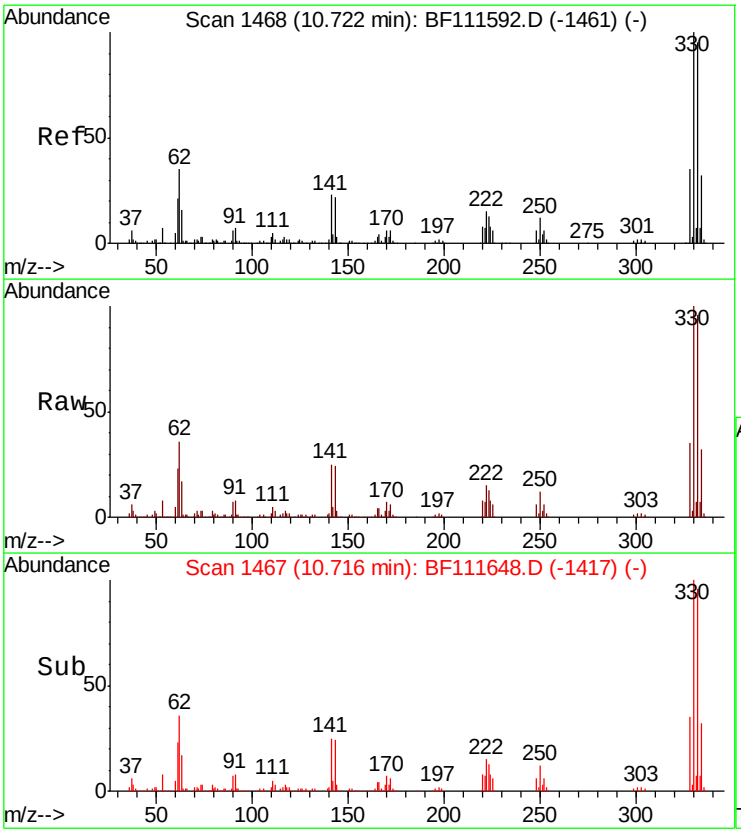
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:164 Resp: 340103

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.4	35.7	53.5

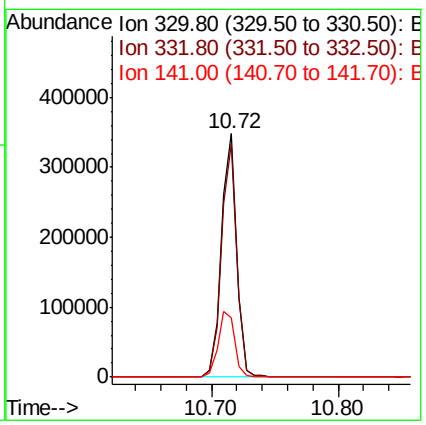


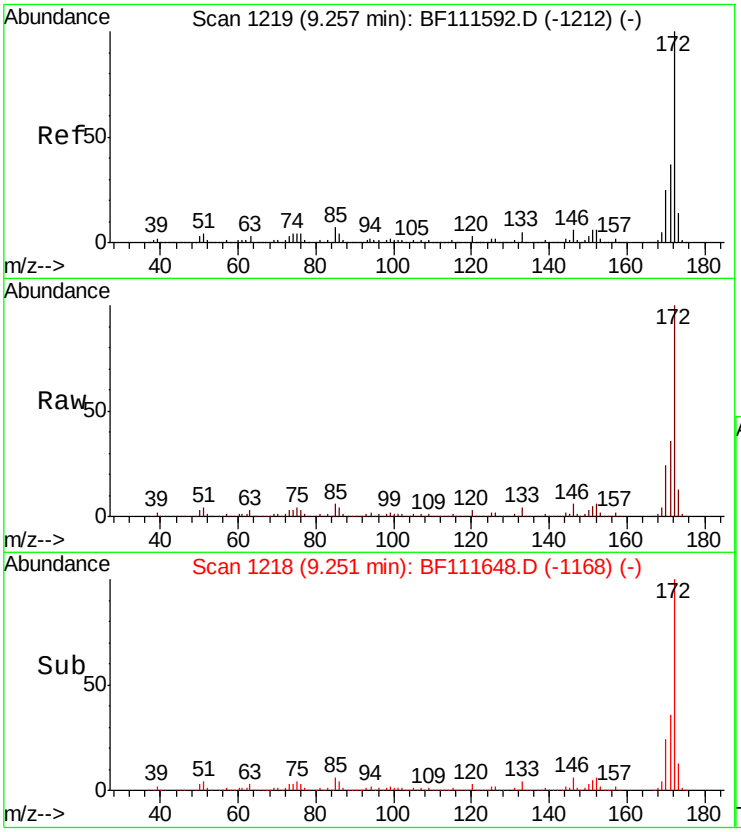


#42
2,4,6-Tribromophenol
Concen: 72.901 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:330 Resp: 292958

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	29.3	31.0	46.6#



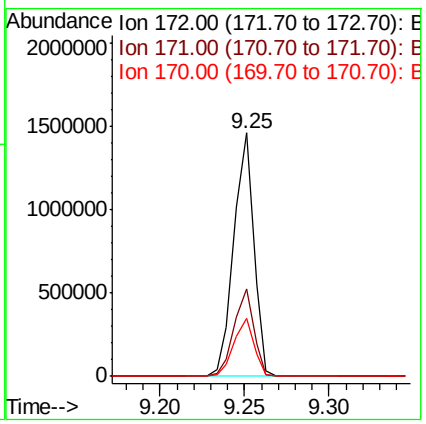


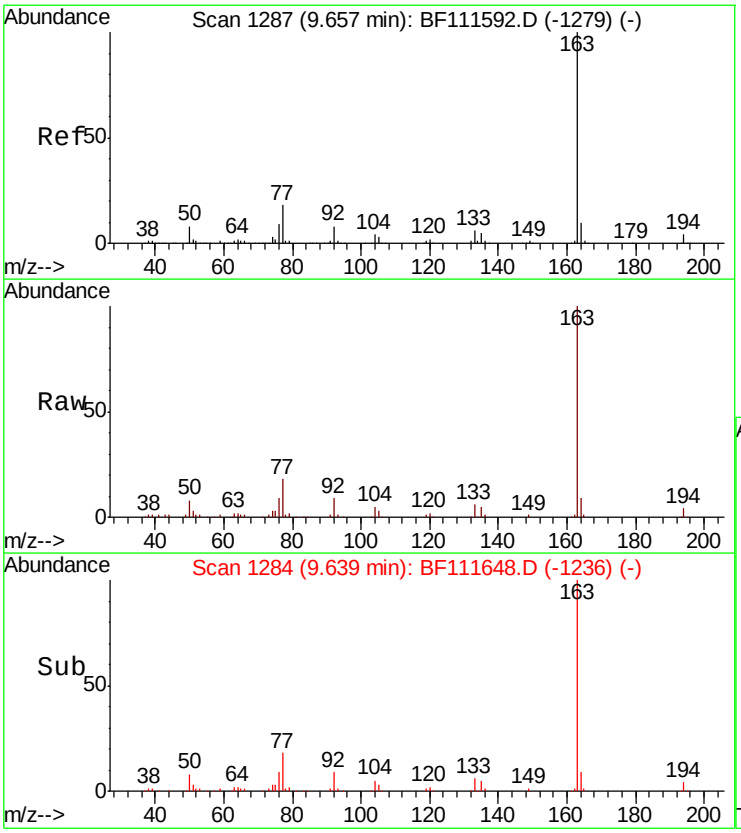
#45
2-Fluorobiphenyl
Concen: 51.564 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:172 Resp: 1203166

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.8	22.3	33.5

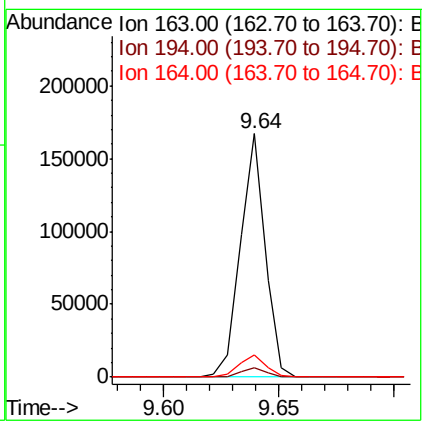


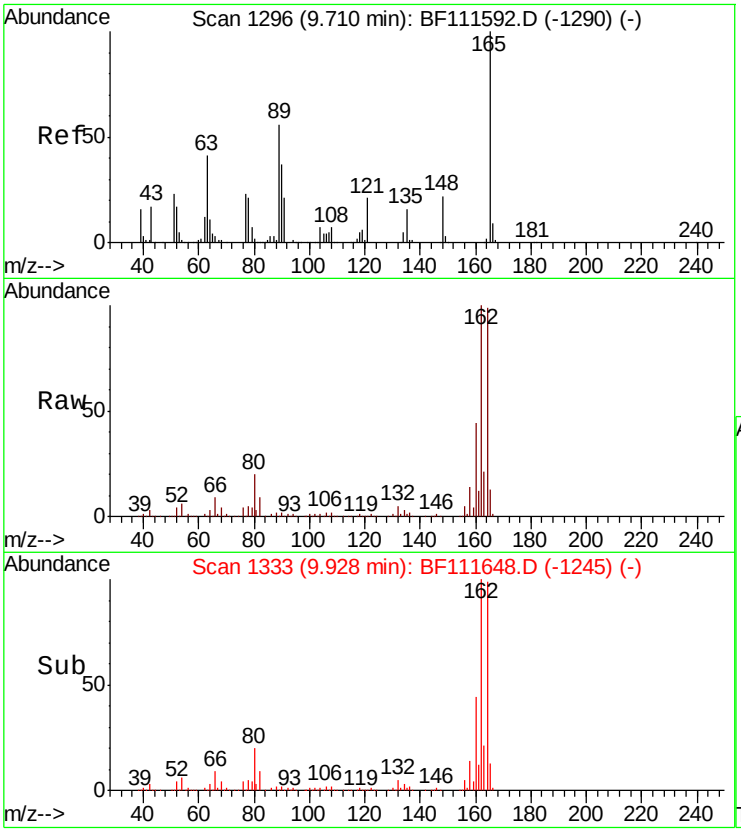


#50
Dimethylphthalate
Concen: 5.038 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:163 Resp: 125308

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.3	8.9	13.3



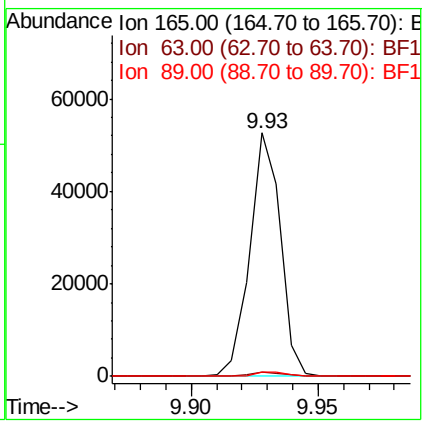


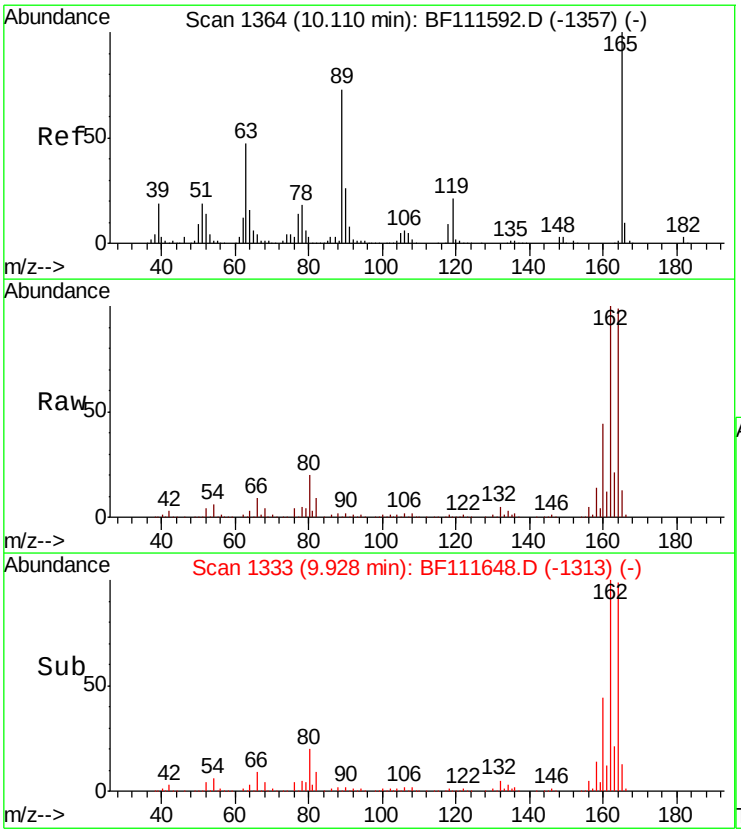
#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:165 Resp: 44465

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	1.5	40.0	60.0#

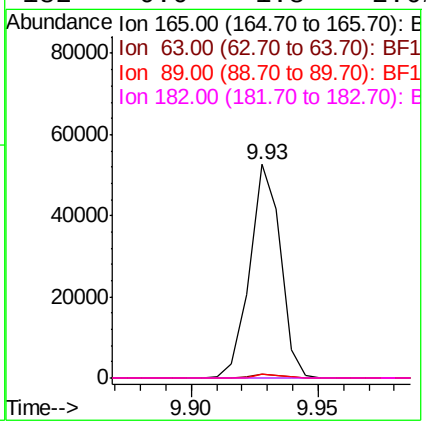


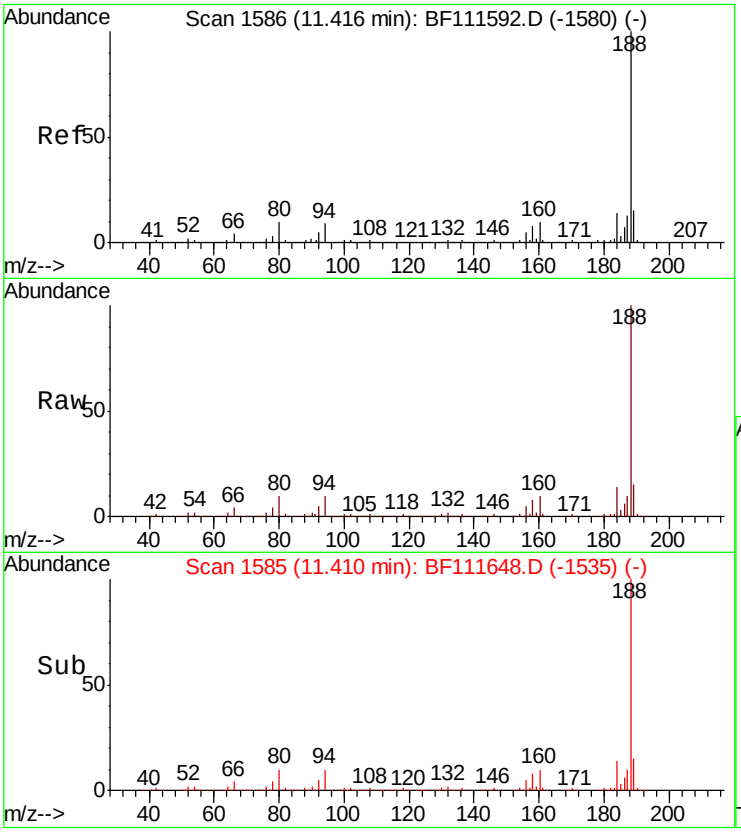


#57
2,4-Dinitrotoluene
Concen: 7.460 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:165 Resp: 44465

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



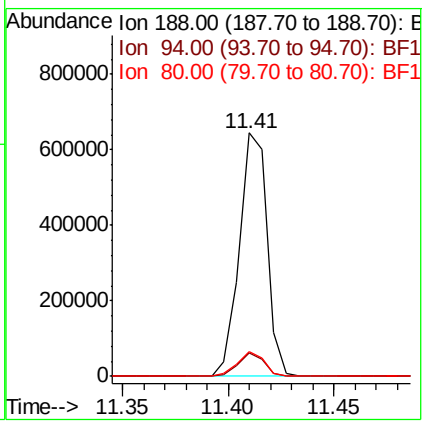


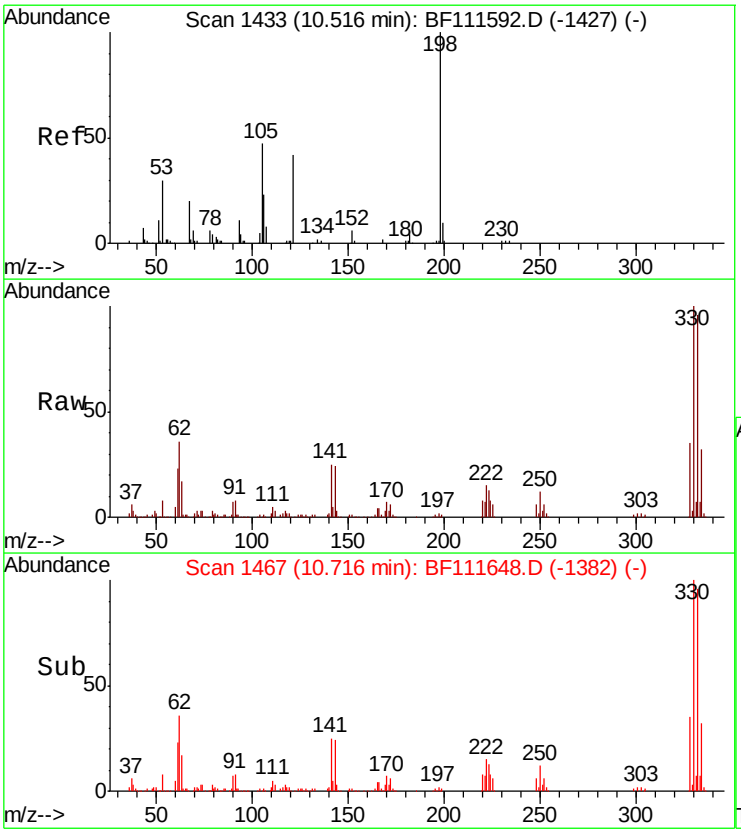
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:188 Resp: 586168

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.6	14.4
80	10.1	9.8	14.6

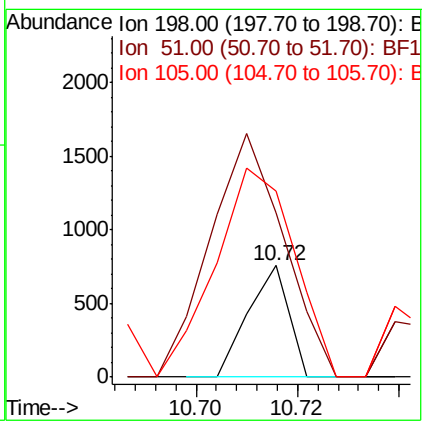


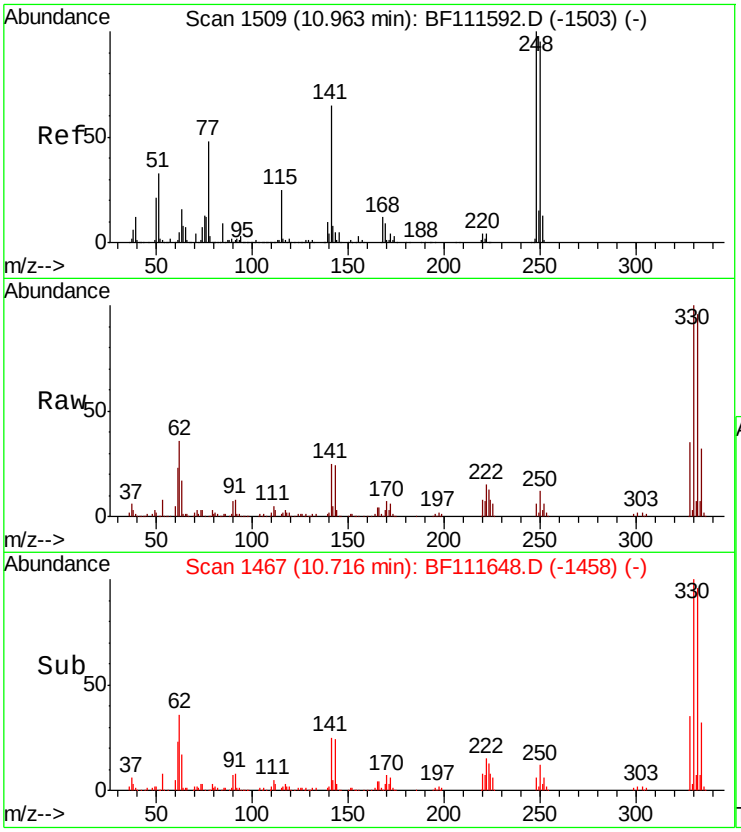


#65
4,6-Dinitro-2-methylphenol
Concen: 6.841 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:198 Resp: 418

Ion	Ratio	Lower	Upper
198	100		
51	147.2	48.0	88.0#
105	166.7	34.0	74.0#



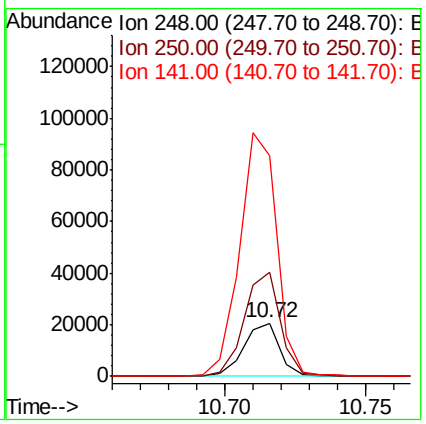


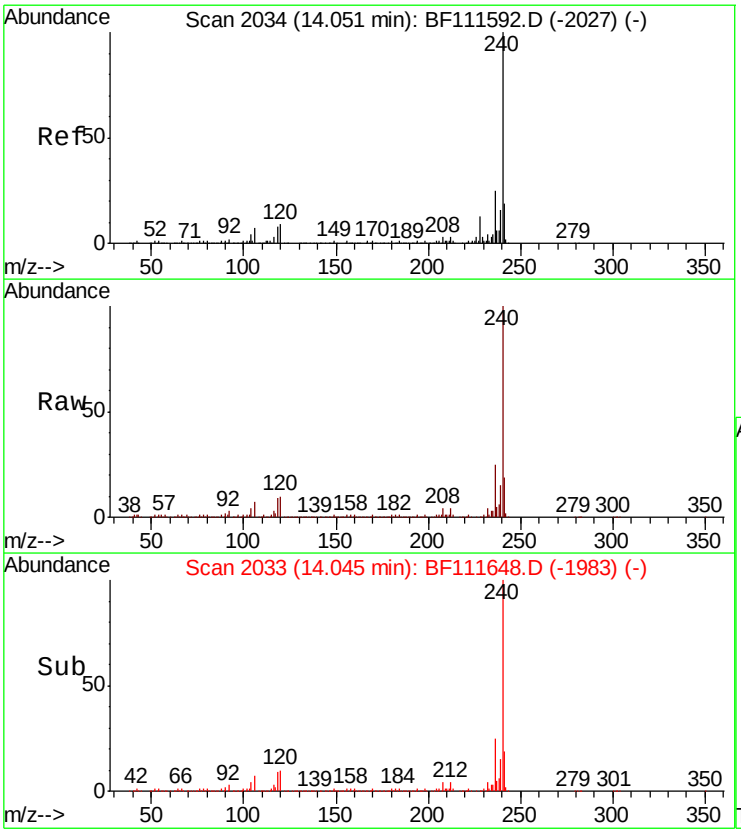
#67
4-Bromophenyl-phenylether
Concen: 2.491 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:248 Resp: 18111

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.0	115.4#
141	411.6	63.0	94.6#

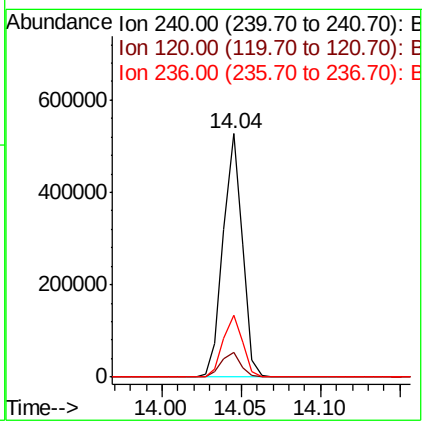


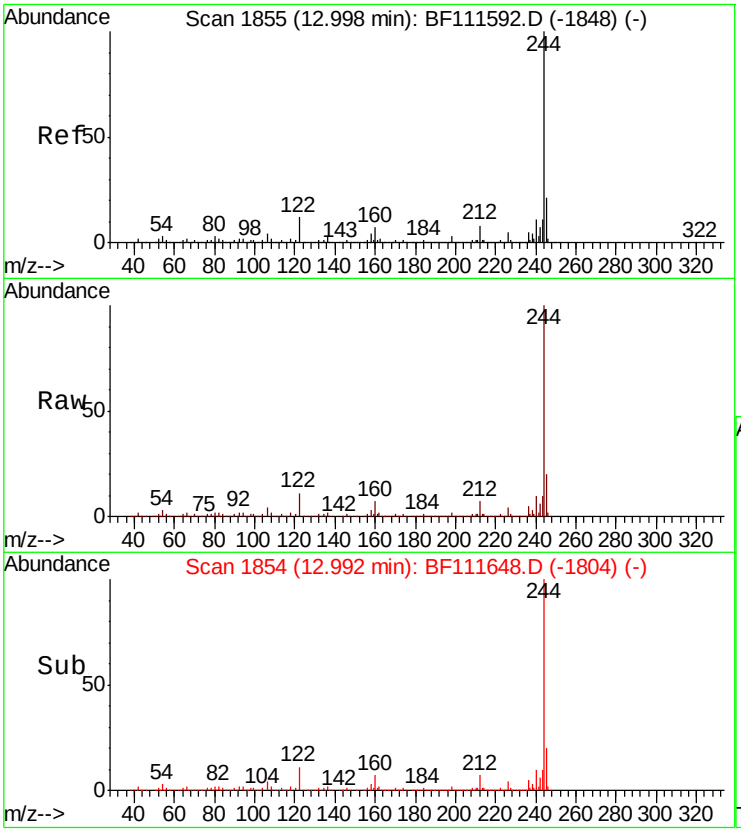


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:240 Resp: 444098

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	25.4	20.2	30.2



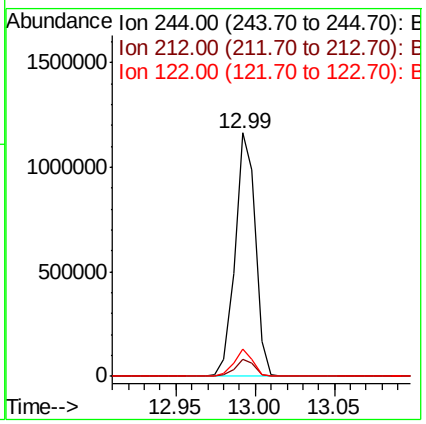


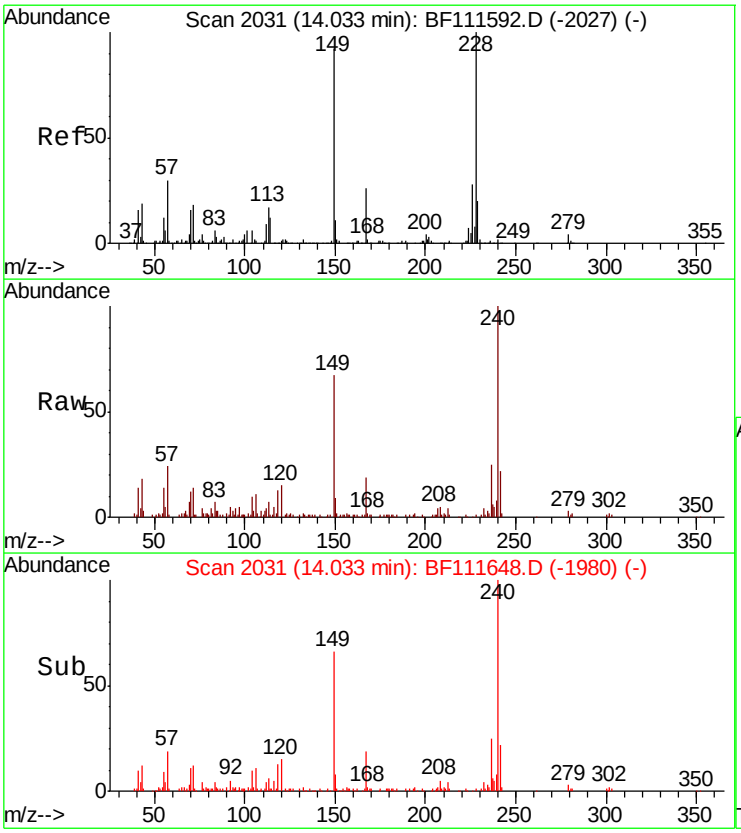
#79
Terphenyl-d14
Concen: 43.783 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:244 Resp: 1025290

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.3	13.1	19.7#

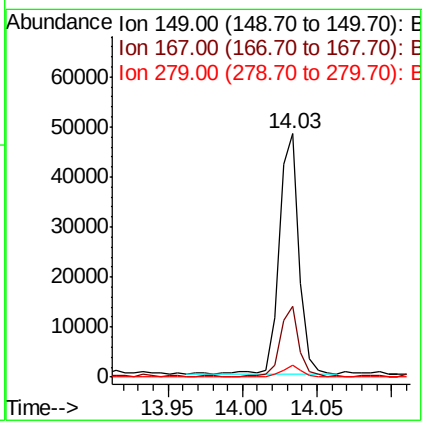


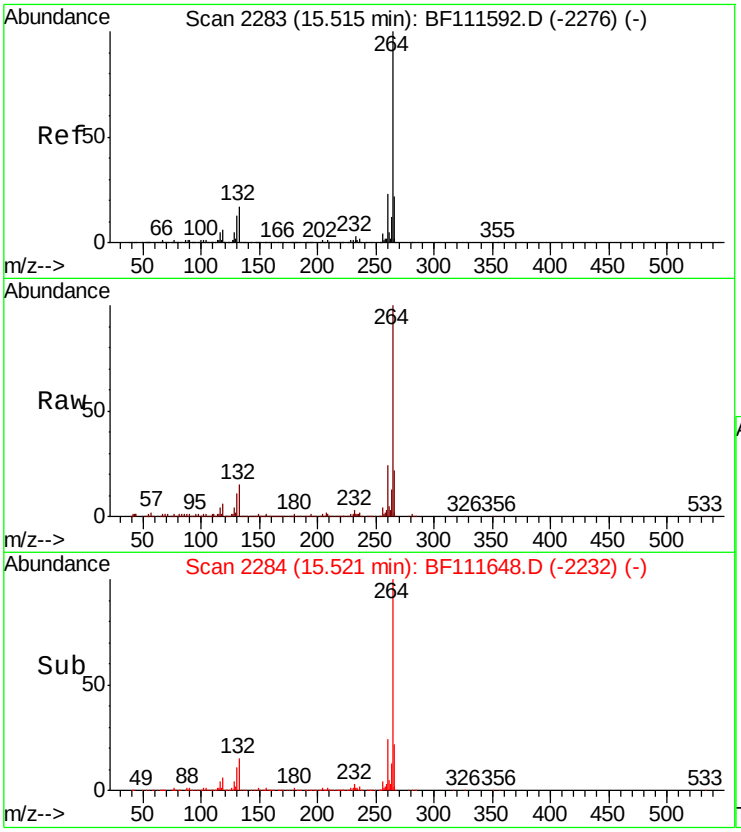


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.769 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:149 Resp: 44584

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	4.7	2.6	4.0#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:264 Resp: 450767

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.7	17.7	26.5