Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Time: Dec 18 04:11:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150042	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	488149	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	240719	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	618891	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	378881	20.00	ng	0.00
87) Perylene-d12	15.38	264	384890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	604658	67.06	ng	0.00
7) Phenol-d6	6.44	99	493546	41.15	ng	0.00
23) Nitrobenzene-d5	7.35	82	801876	97.82	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	407913	189.17	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1515757	97.26	ng	0.00
79) Terphenyl-d14	12.90	244	1754146	108.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	11291	2.593	ng	# 84
19) n-Nitroso-di-n-propylamine	7.35	70	106973	13.519	ng	# 82
20) 3+4-Methylphenols	7.20	107	21938	2.017	ng	# 56
25) Isophorone	7.35	82	801867	57.812	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	277635	44.160	ng	# 7
32) Benzoic acid	7.90	122	277635	51.103	ng	95
51) 2,6-Dinitrotoluene	9.82	165	31502	8.073	ng	# 30
57) 2,4-Dinitrotoluene	9.82	165	31502	6.151	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	25959	3.892	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111548.D
Acq On : 17 Dec 2018 19:31
Operator : JU/SJ
Sample : J6438-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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COMP-4

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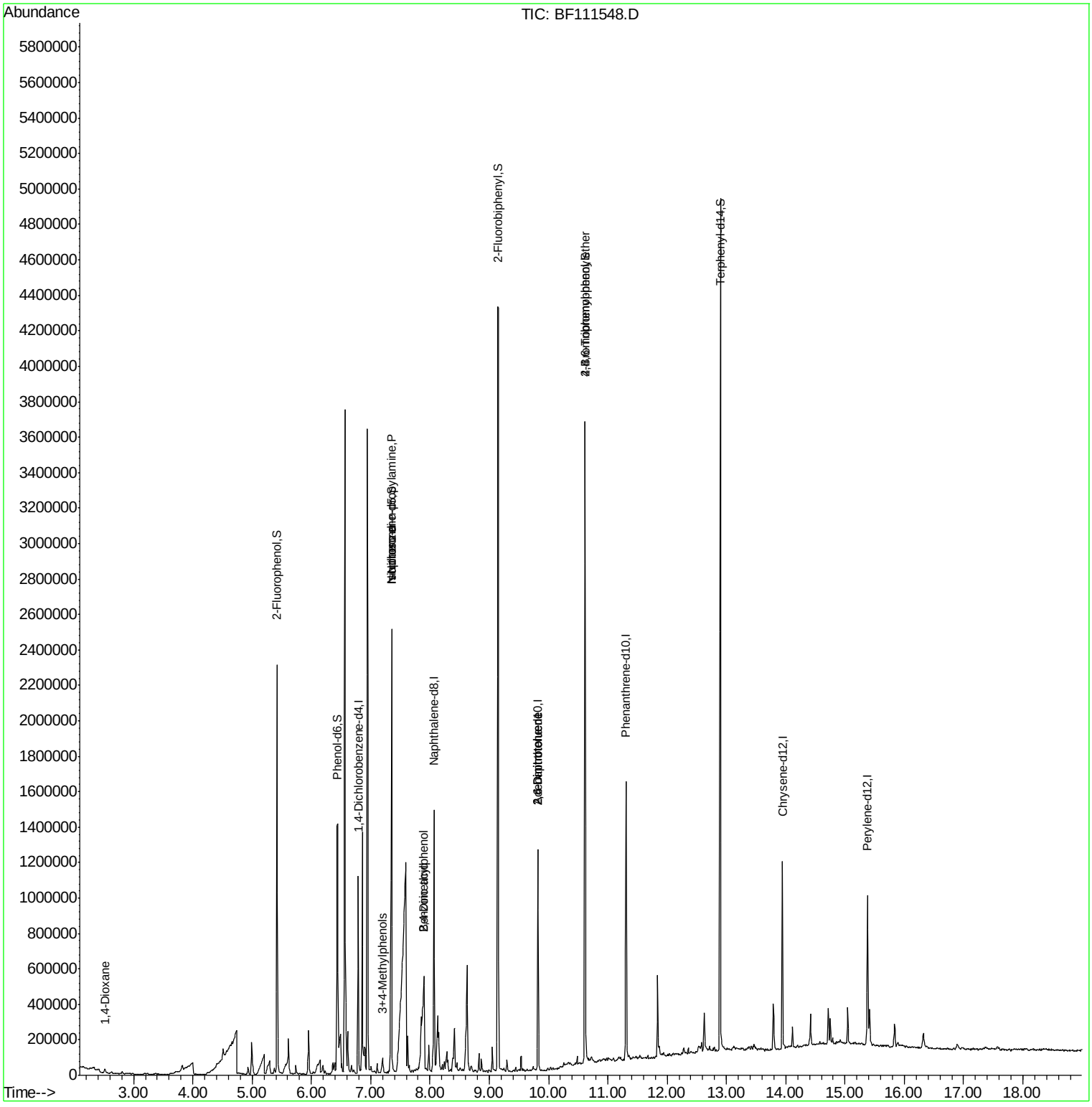
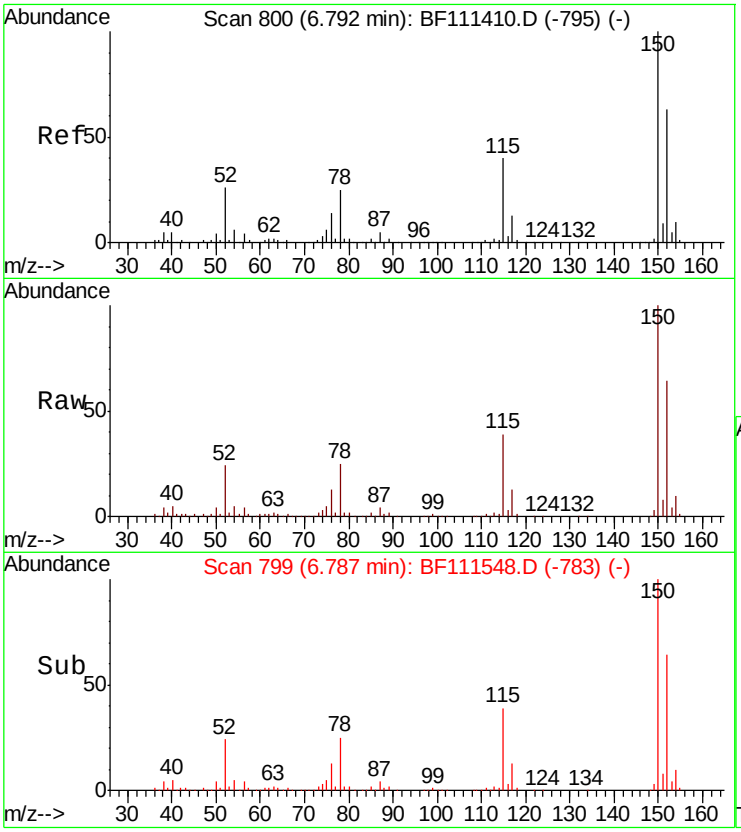


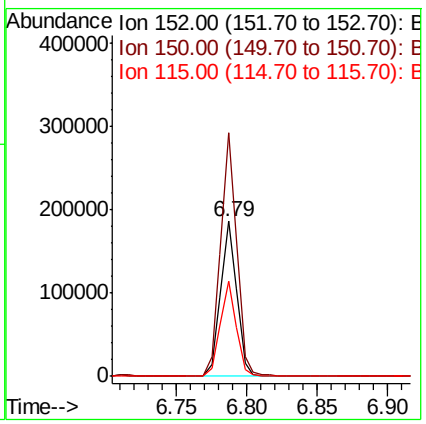


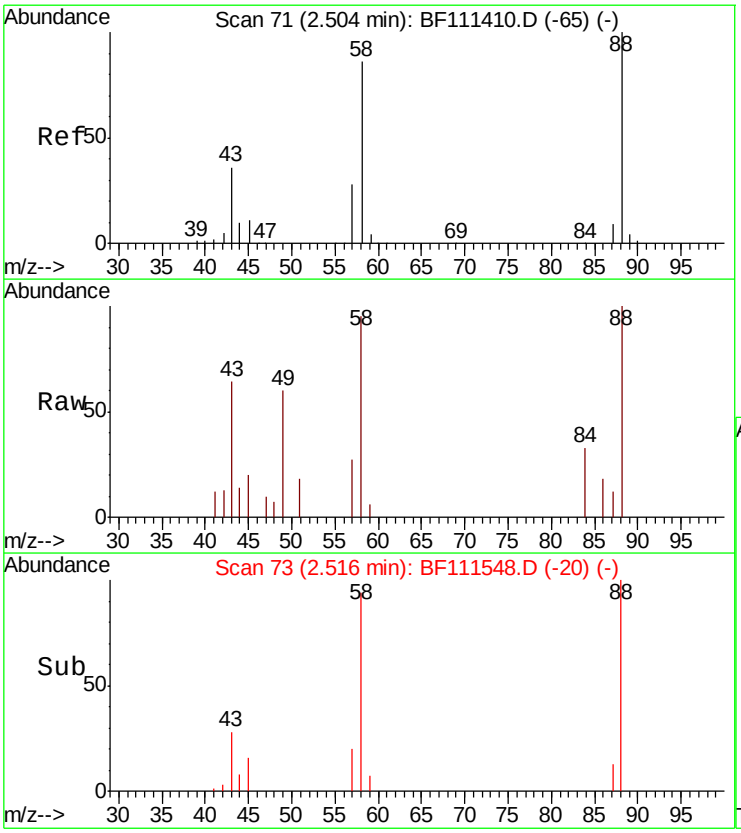
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:152 Resp: 150042

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	61.1	50.7	76.1

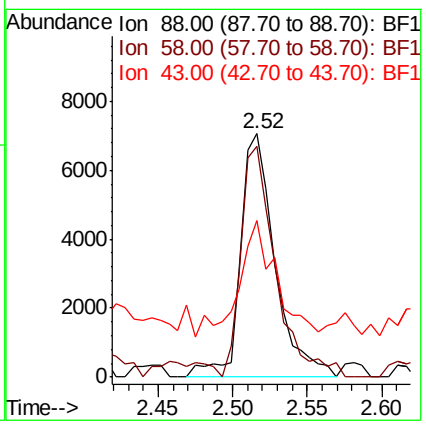


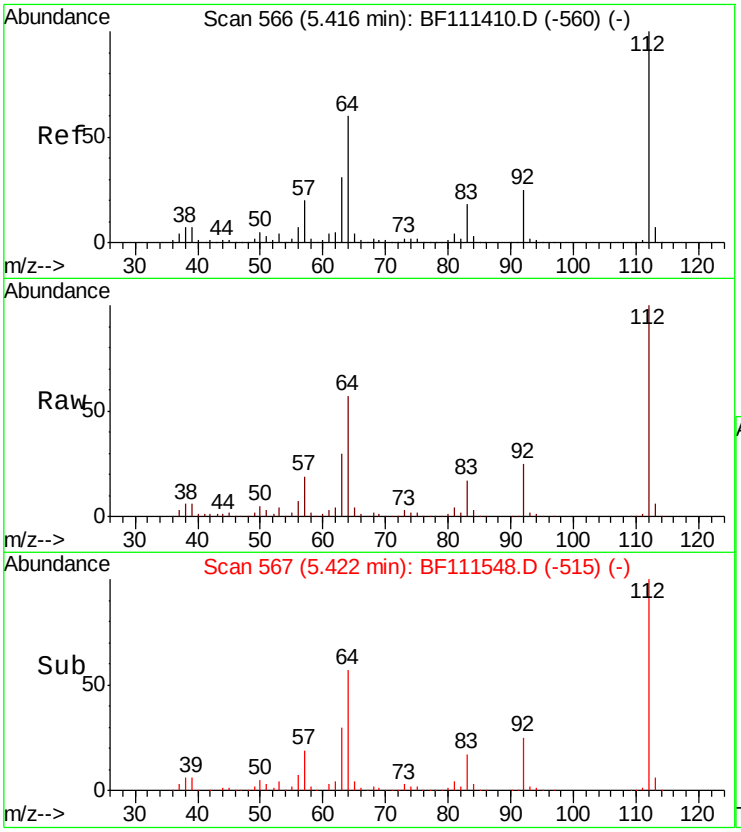


#2
1,4-Dioxane
Concen: 2.593 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion: 88 Resp: 11291

Ion	Ratio	Lower	Upper
88	100		
58	94.7	68.9	103.3
43	50.3	25.8	38.6#



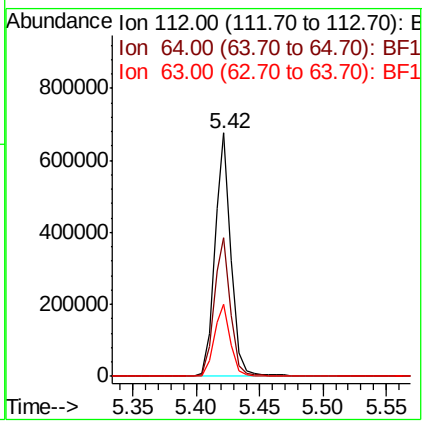


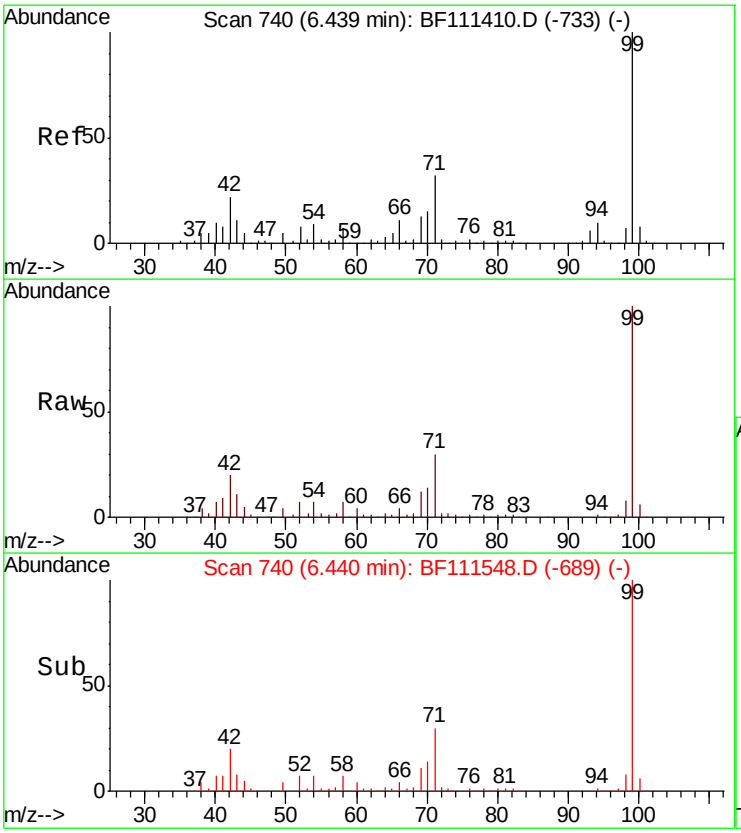
#5
2-Fluorophenol
Concen: 67.060 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:112 Resp: 604658

Ion	Ratio	Lower	Upper
112	100		
64	57.1	51.8	77.6
63	29.5	26.8	40.2

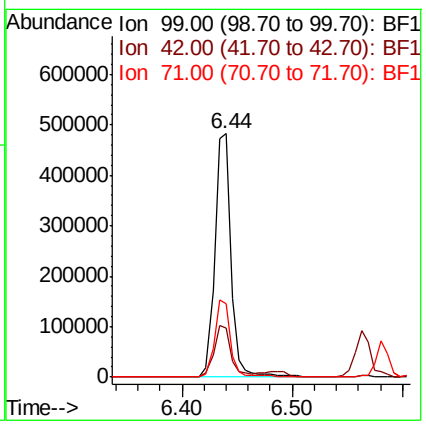


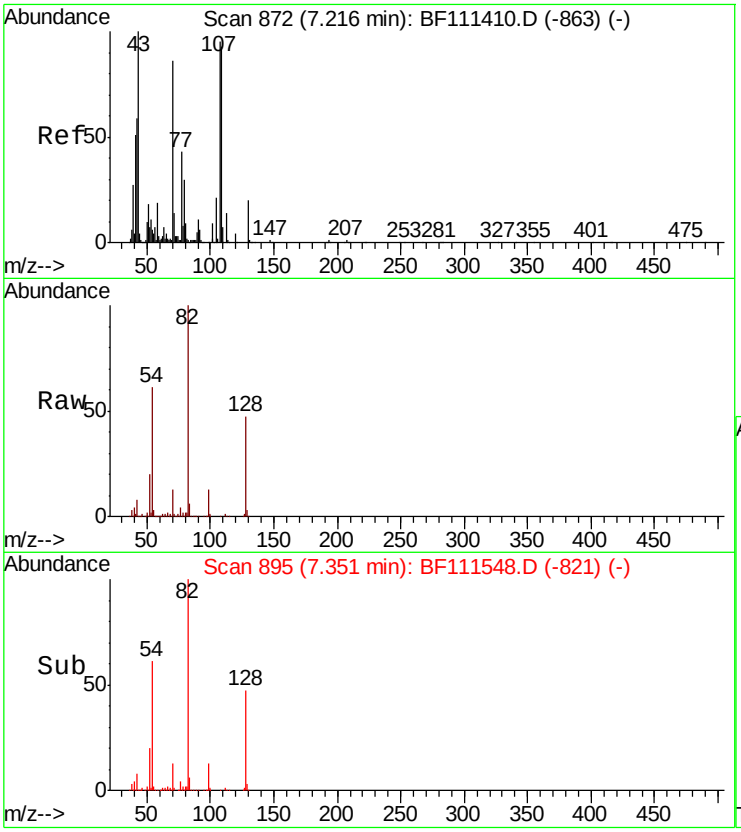


#7
Phenol-d6
Concen: 41.150 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion: 99 Resp: 493546

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.4	26.0
71	30.1	26.1	39.1



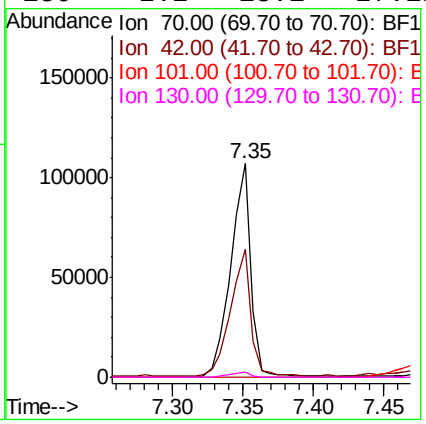


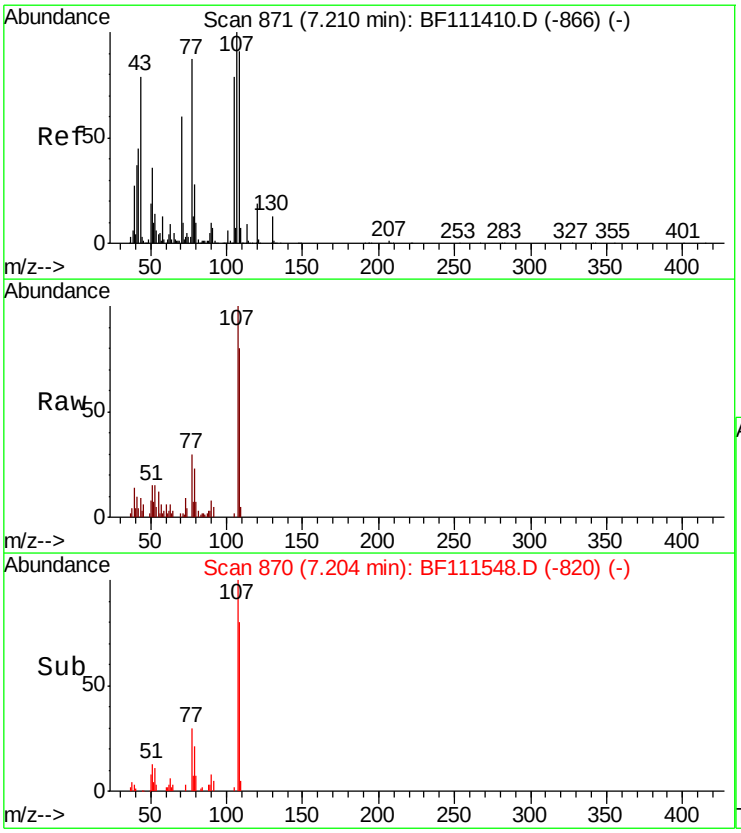
#19
n-Nitroso-di-n-propylamine
Concen: 13.519 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion: 70 Resp: 106973

Ion	Ratio	Lower	Upper
70	100		
42	60.0	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

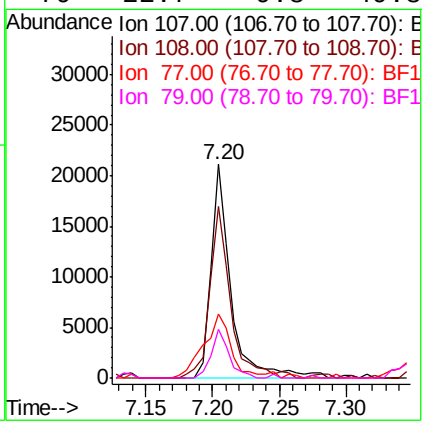


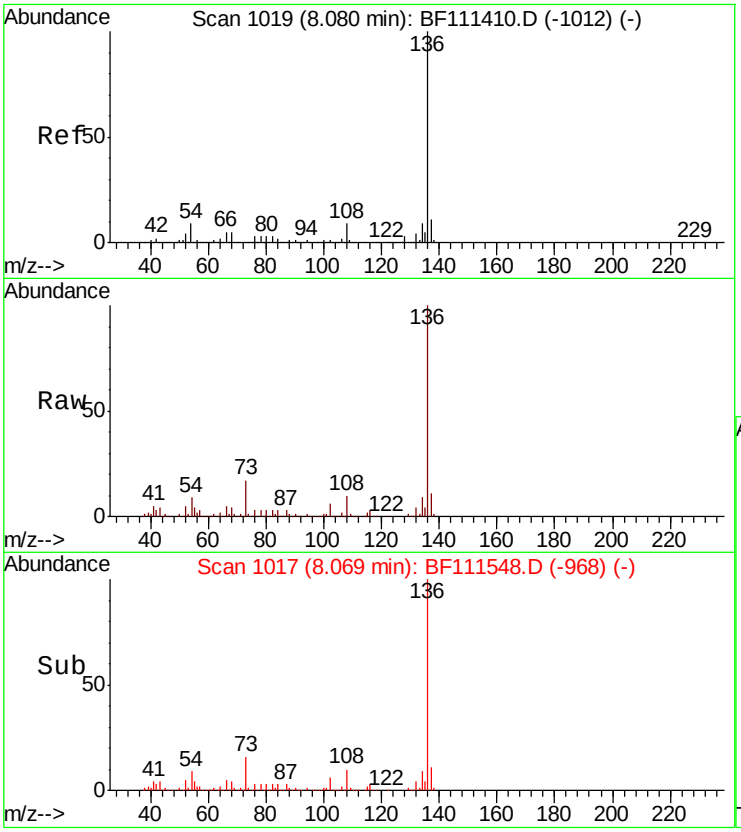


#20
3+4-Methylphenols
Concen: 2.017 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:107 Resp: 21938

Ion	Ratio	Lower	Upper
107	100		
108	80.0	72.1	112.1
77	29.7	94.1	134.1#
79	22.7	9.8	49.8



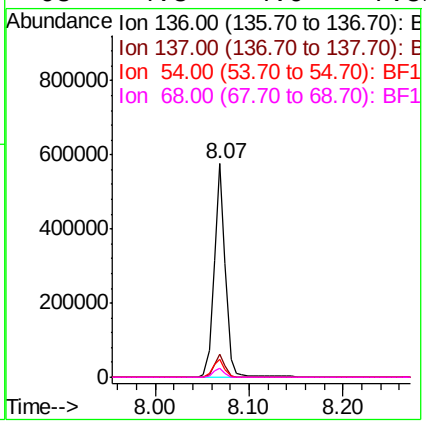


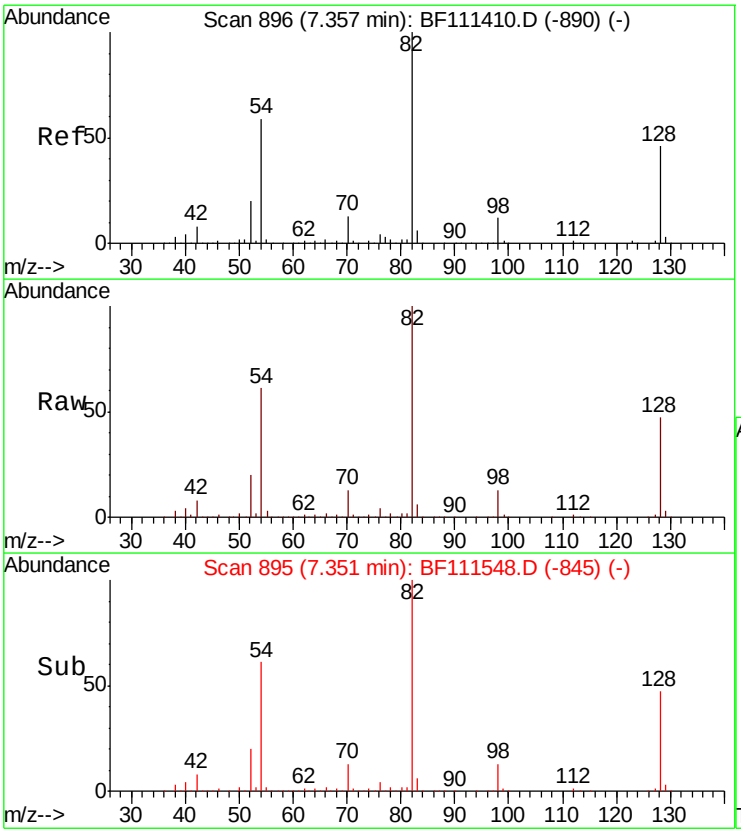
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:136 Resp: 488149

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.6	7.7	11.5
68	4.3	4.9	7.3#

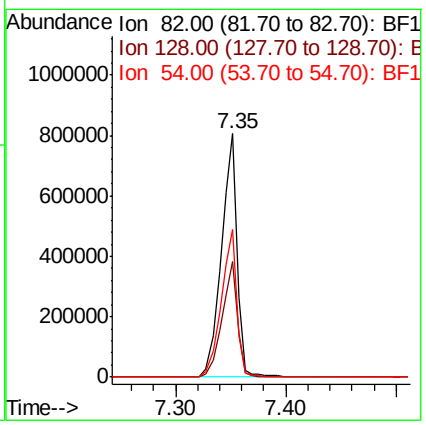


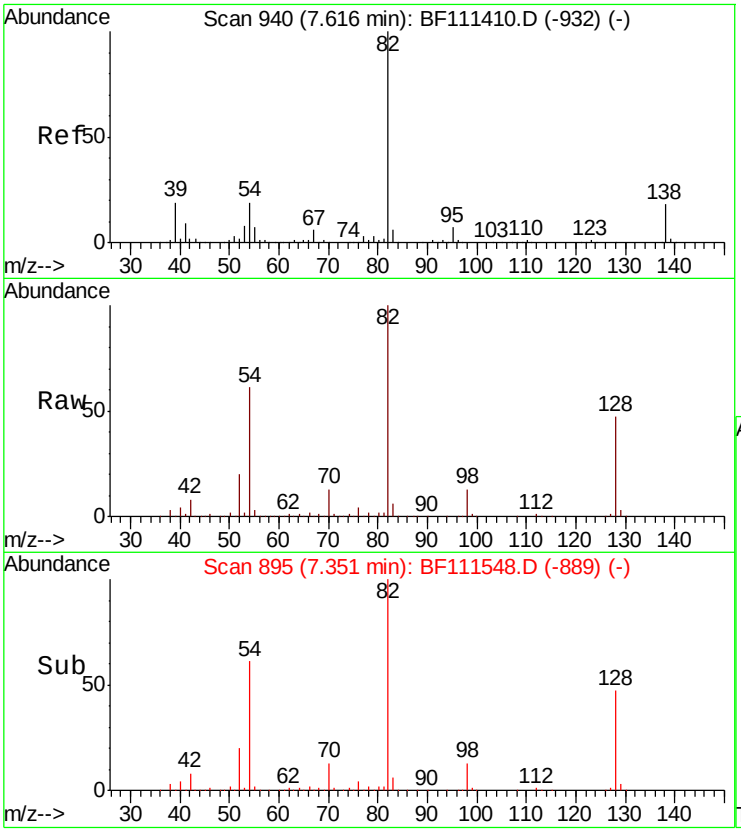


#23
Nitrobenzene-d5
Concen: 97.820 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion: 82 Resp: 801876

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.2
54	60.6	47.6	71.4



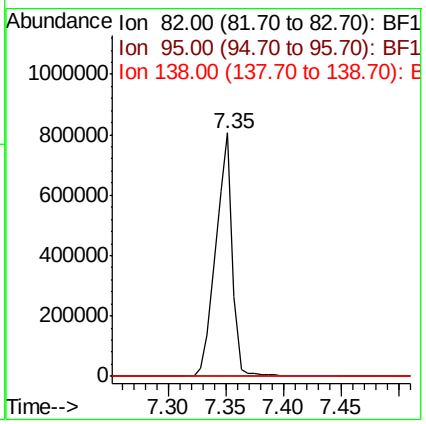


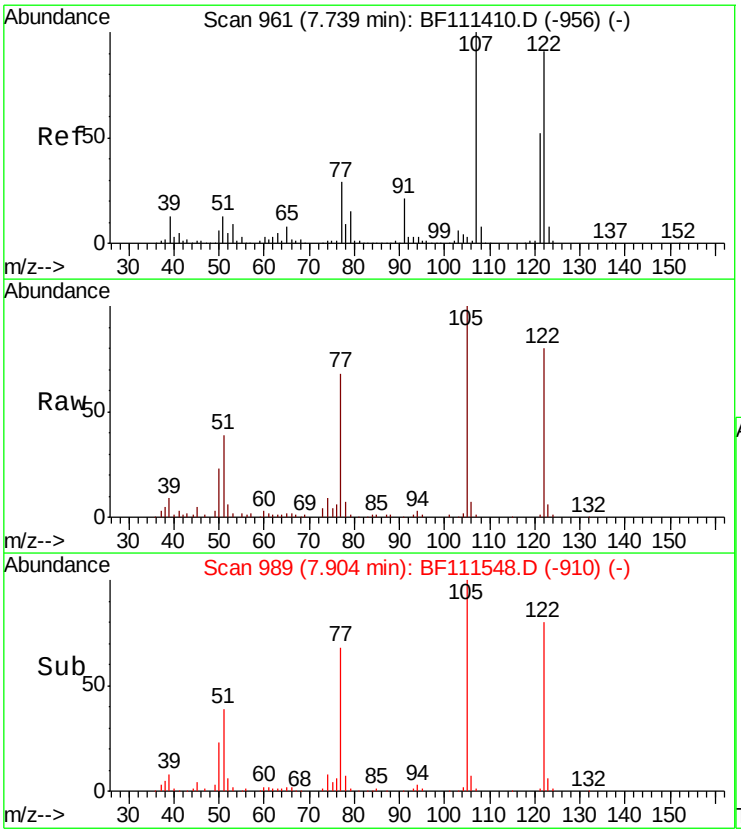
#25
Isophorone
Concen: 57.812 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion: 82 Resp: 801867

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

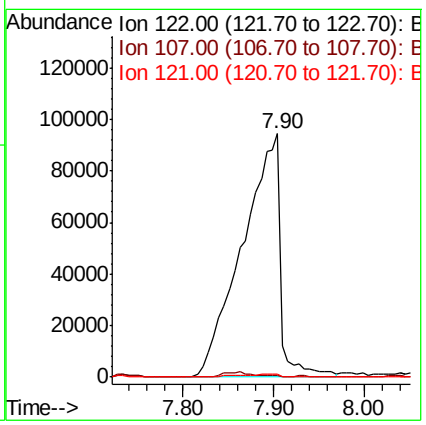


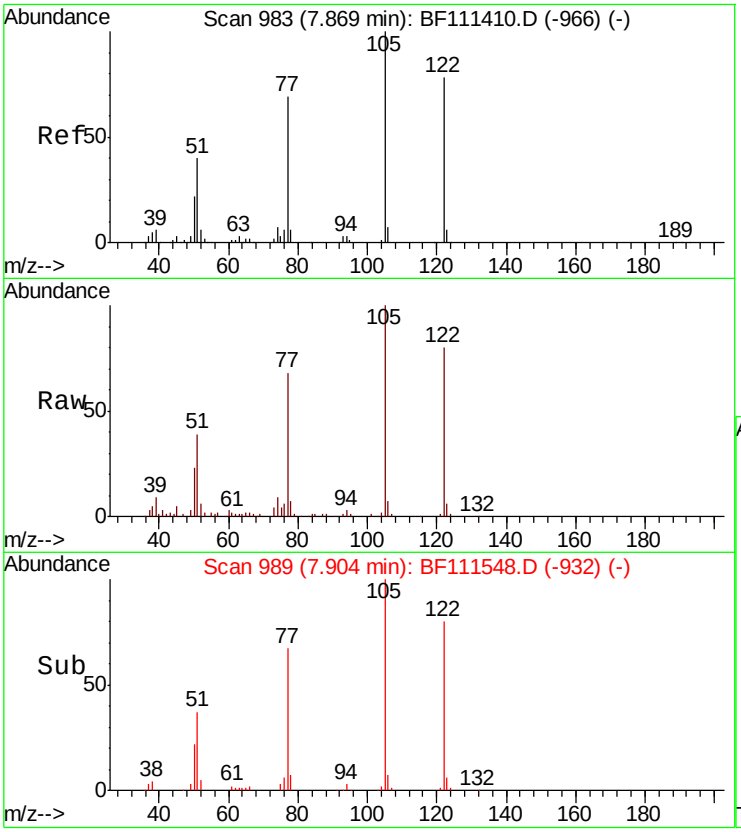


#27
2,4-Dimethylphenol
Concen: 44.160 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.16 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:122 Resp: 277635

Ion	Ratio	Lower	Upper
122	100		
107	0.8	85.5	128.3#
121	1.0	46.6	70.0#



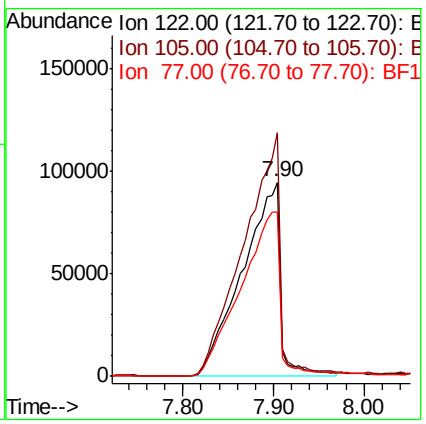


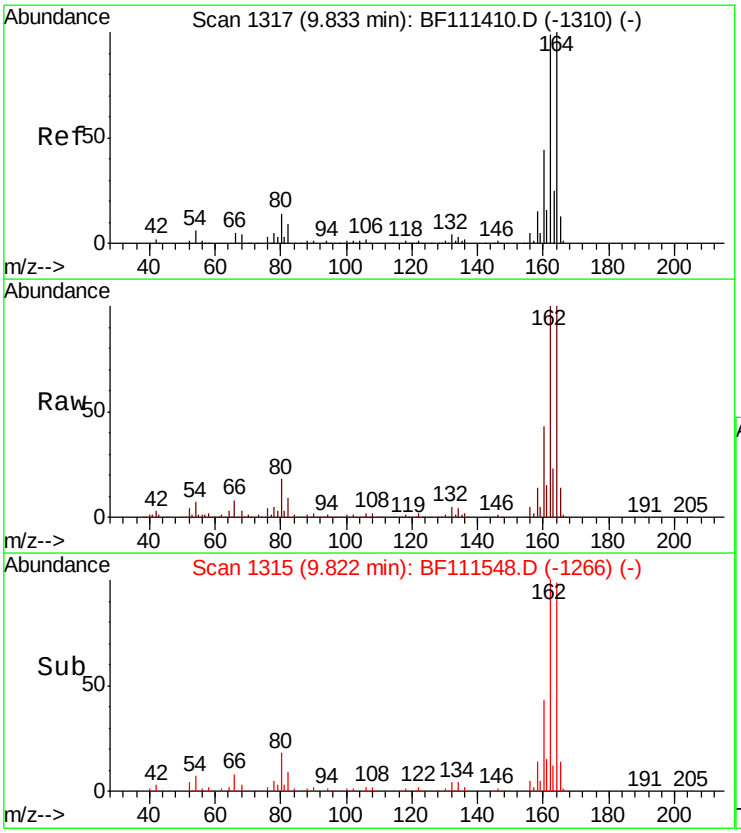
#32
Benzoic acid
Concen: 51.103 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:122 Resp: 277635

Ion	Ratio	Lower	Upper
122	100		
105	125.6	97.0	137.0
77	84.9	65.7	105.7

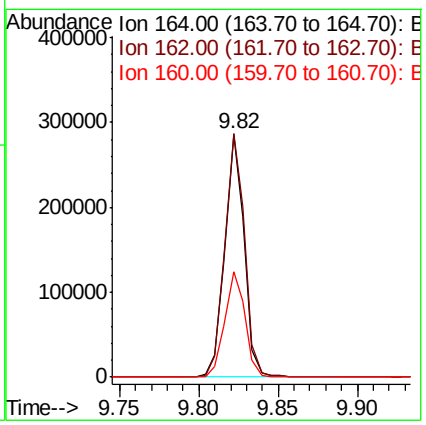


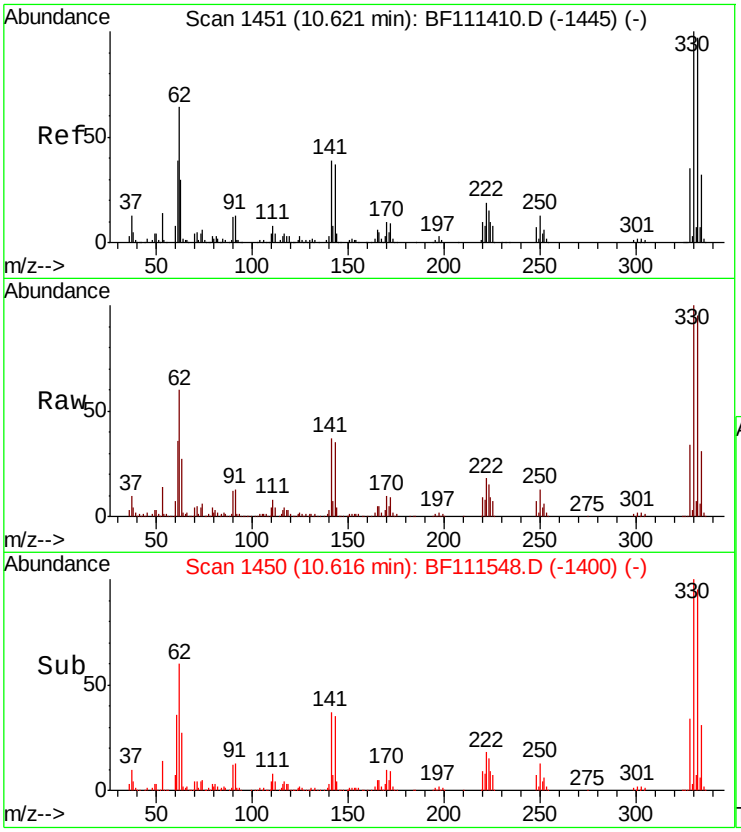


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:164 Resp: 240719

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	43.5	35.7	53.5



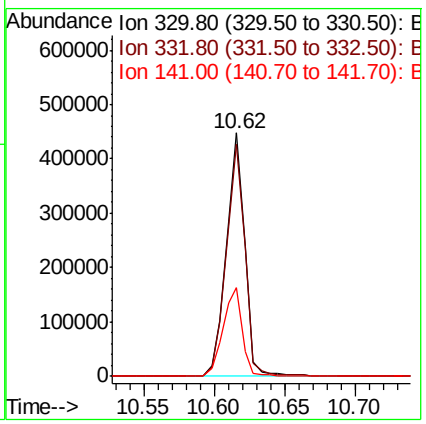


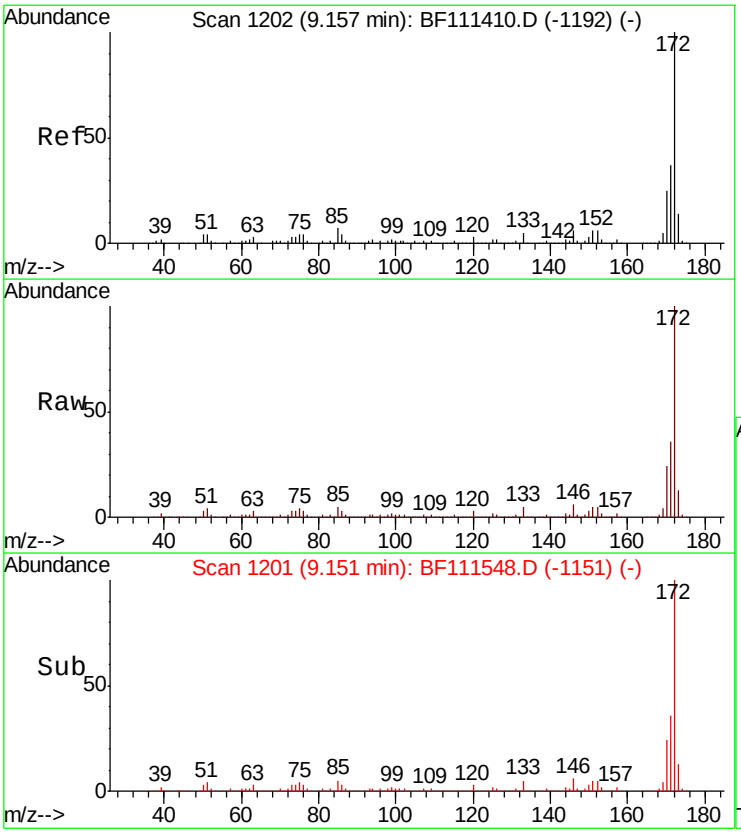
#42
2,4,6-Tribromophenol
Concen: 189.170 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:330 Resp: 407913

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	38.1	31.0	46.6

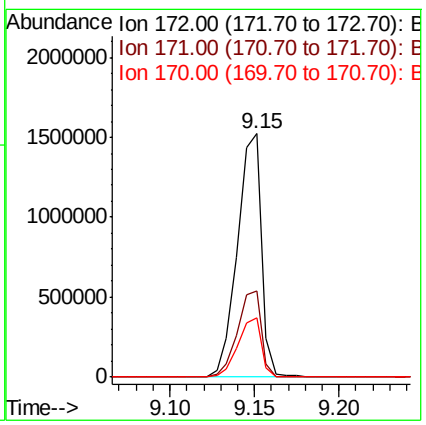


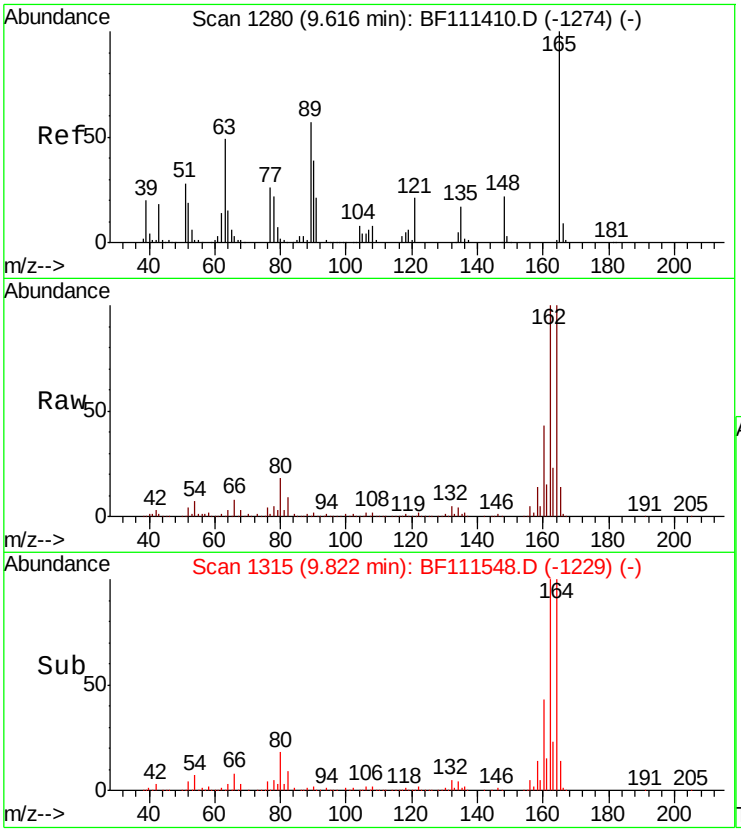


#45
2-Fluorobiphenyl
Concen: 97.263 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:172 Resp: 1515757

Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	24.1	22.3	33.5



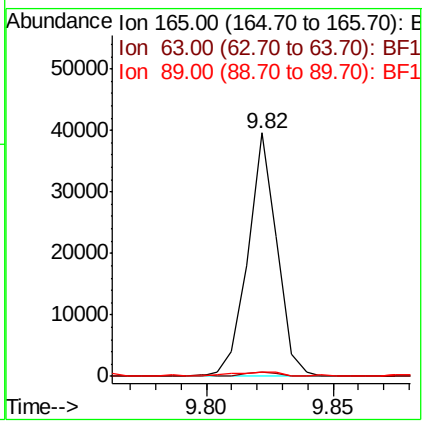


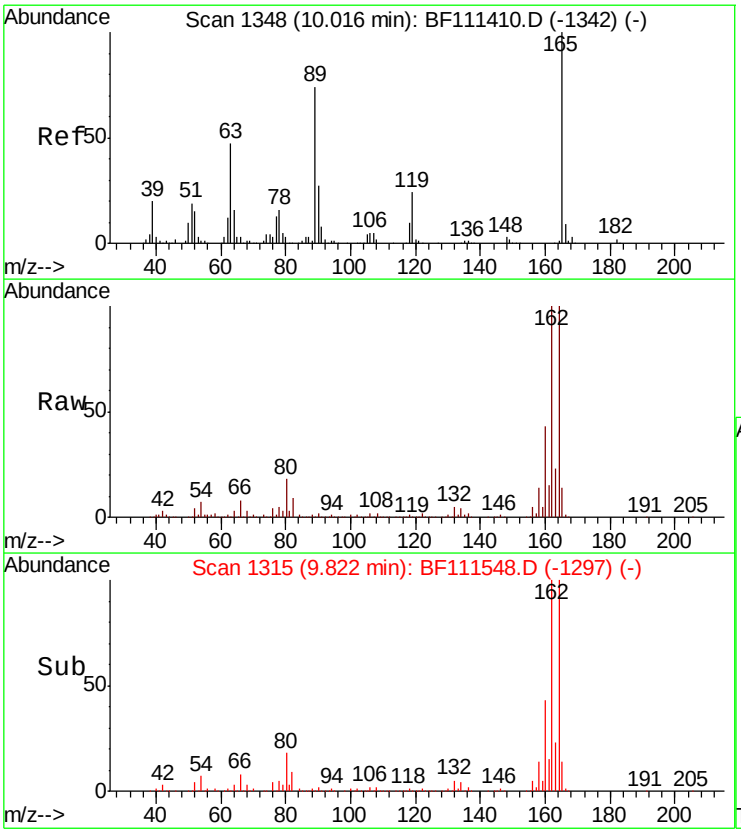
#51
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:165 Resp: 31502

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	1.9	40.0	60.0#

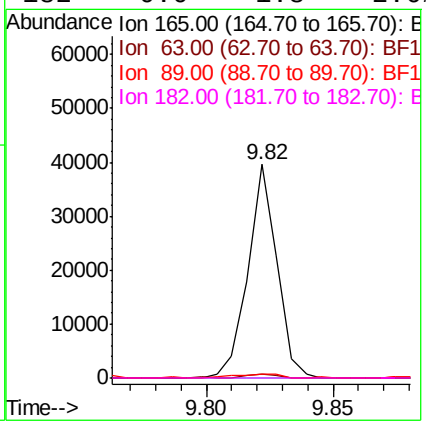


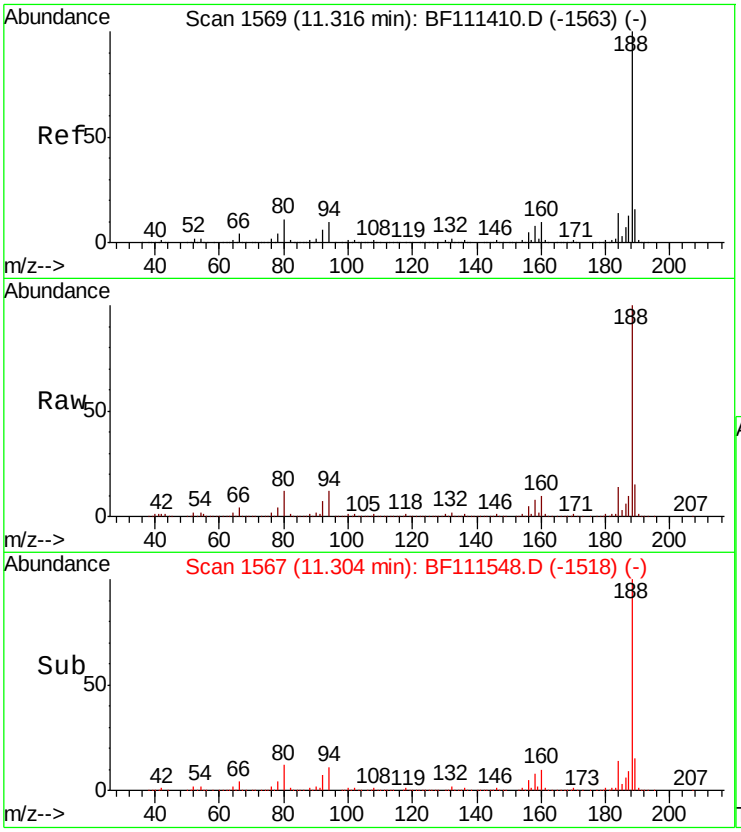


#57
2,4-Dinitrotoluene
Concen: 6.151 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:165 Resp: 31502

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#



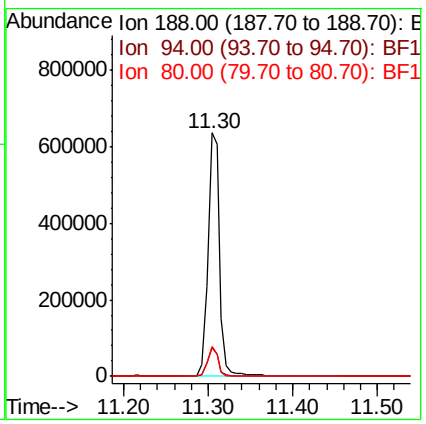


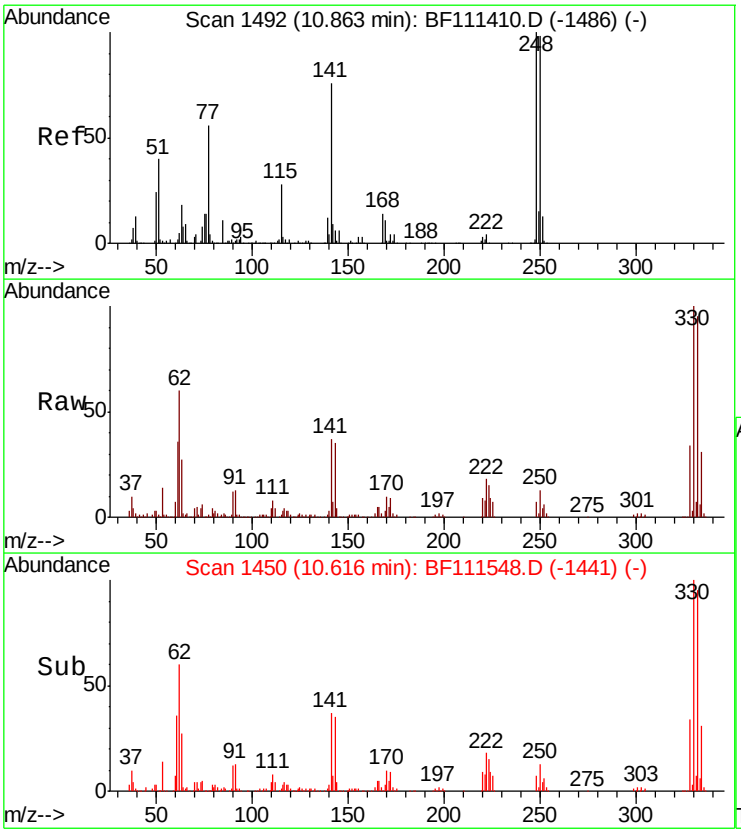
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:188 Resp: 618891

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.6	14.4
80	12.3	9.8	14.6

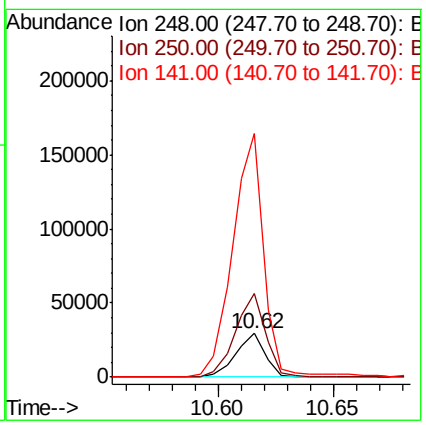


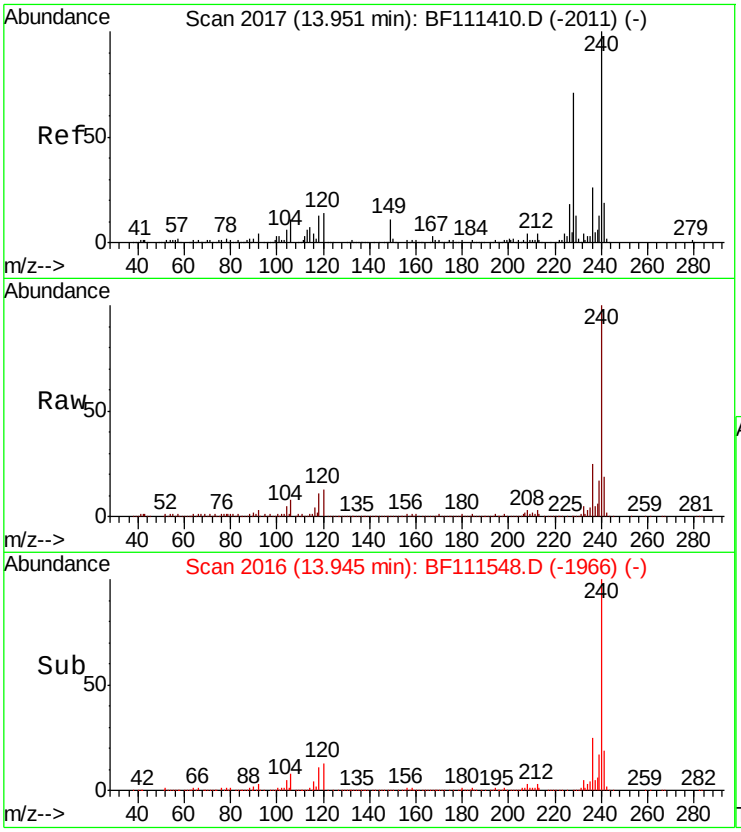


#67
4-Bromophenyl-phenylether
Concen: 3.892 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:248 Resp: 25959

Ion	Ratio	Lower	Upper
248	100		
250	193.9	77.0	115.4#
141	560.7	63.0	94.6#



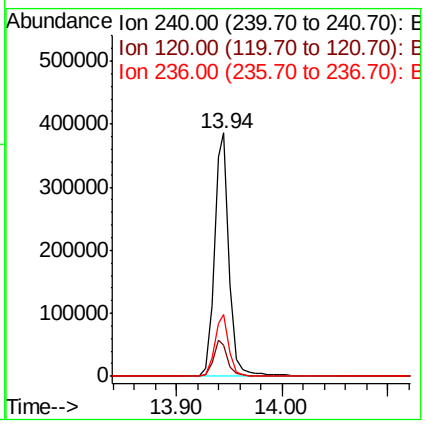


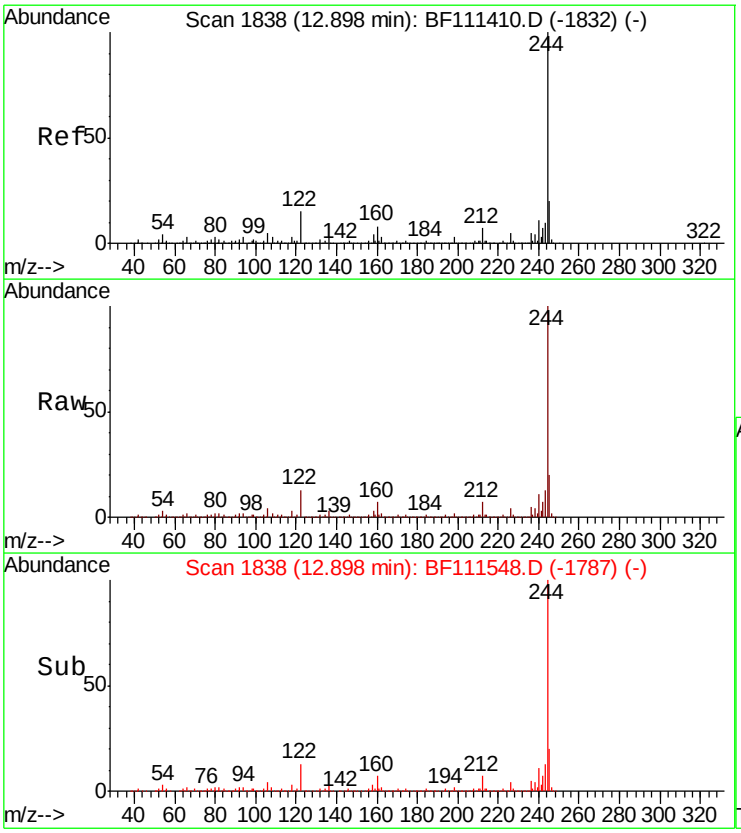
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:240 Resp: 378881

Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.2	18.2
236	25.4	20.2	30.2

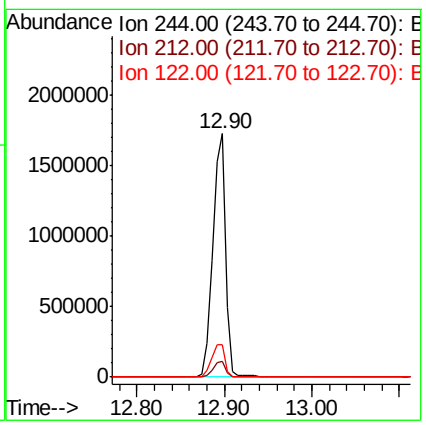


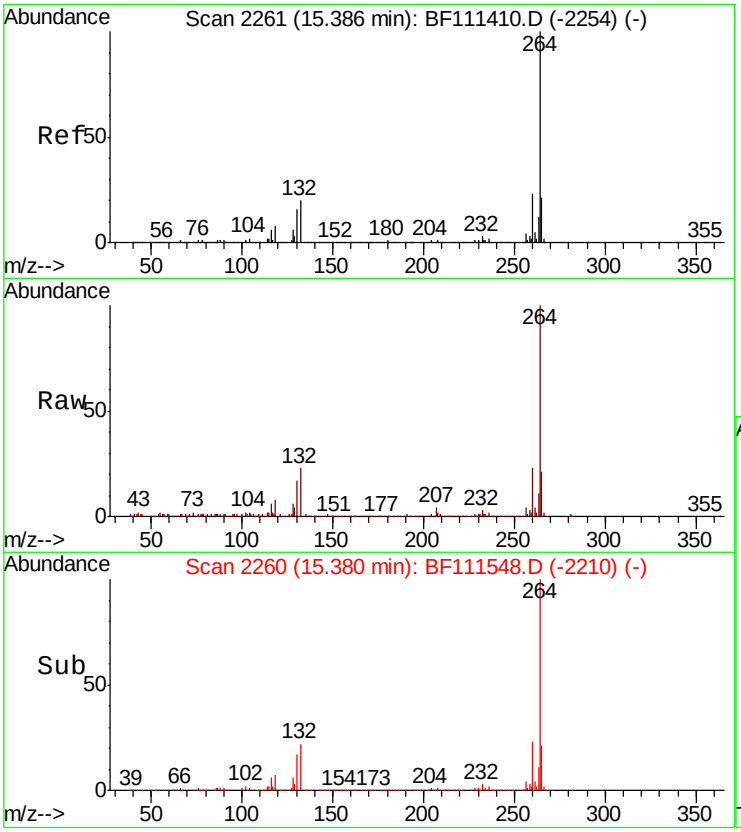


#79
Terphenyl-d14
Concen: 108.719 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Tgt Ion:244 Resp: 1754146

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111548.D
Acq: 17 Dec 2018 19:31

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:264 Resp: 384890

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.0	17.7	26.5