Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111547.D
Acq On : 17 Dec 2018 19:03
Operator : JU/SJ
Sample : J6438-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Time: Dec 18 04:10:53 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	6.80	152	130449	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	506097	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	388955	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	645197	20.00	ng		0.00
76) Chrysene-d12	13.94	240	418465	20.00	ng		0.00
87) Perylene-d12	15.38	264	426985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	137505	17.54	ng		0.04
7) Phenol-d6	6.48	99	17156	1.65	ng		0.04
23) Nitrobenzene-d5	7.36	82	78860	9.28	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	29718	8.53	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	87305	3.47	ng		0.00
79) Terphenyl-d14	12.89	244	68776	3.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	35619	9.408	ng	#	1
9) Benzaldehyde	6.36	77	23786	3.761	ng		98
15) Benzyl Alcohol	6.99	79	371344	46.803	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	363752	20.459	ng		77
17) 2-Methylphenol	7.10	107	15997	2.122	ng	#	88
19) n-Nitroso-di-n-propylamine	7.21	70	43731	6.357	ng	#	1
20) 3+4-Methylphenols	7.19	107	27970	2.958	ng	#	24
27) 2,4-Dimethylphenol	7.73	122	52583	8.067	ng	#	77
28) bis(2-Chloroethoxy)methane	7.89	93	26962	2.716	ng	#	71
33) 4-Chloroaniline	8.31	127	150085	14.259	ng	#	81
47) 2-Chloronaphthalene	9.12	162	78353	3.128	ng	#	39
48) 2-Nitroaniline	9.39	65	38039	4.677	ng	#	1
50) Dimethylphthalate	9.57	163	157723	5.631	ng		99
53) 3-Nitroaniline	9.80	138	16816	2.196	ng	#	19

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111547.D
Acq On : 17 Dec 2018 19:03
Operator : JU/SJ
Sample : J6438-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Dec 18 04:10:53 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
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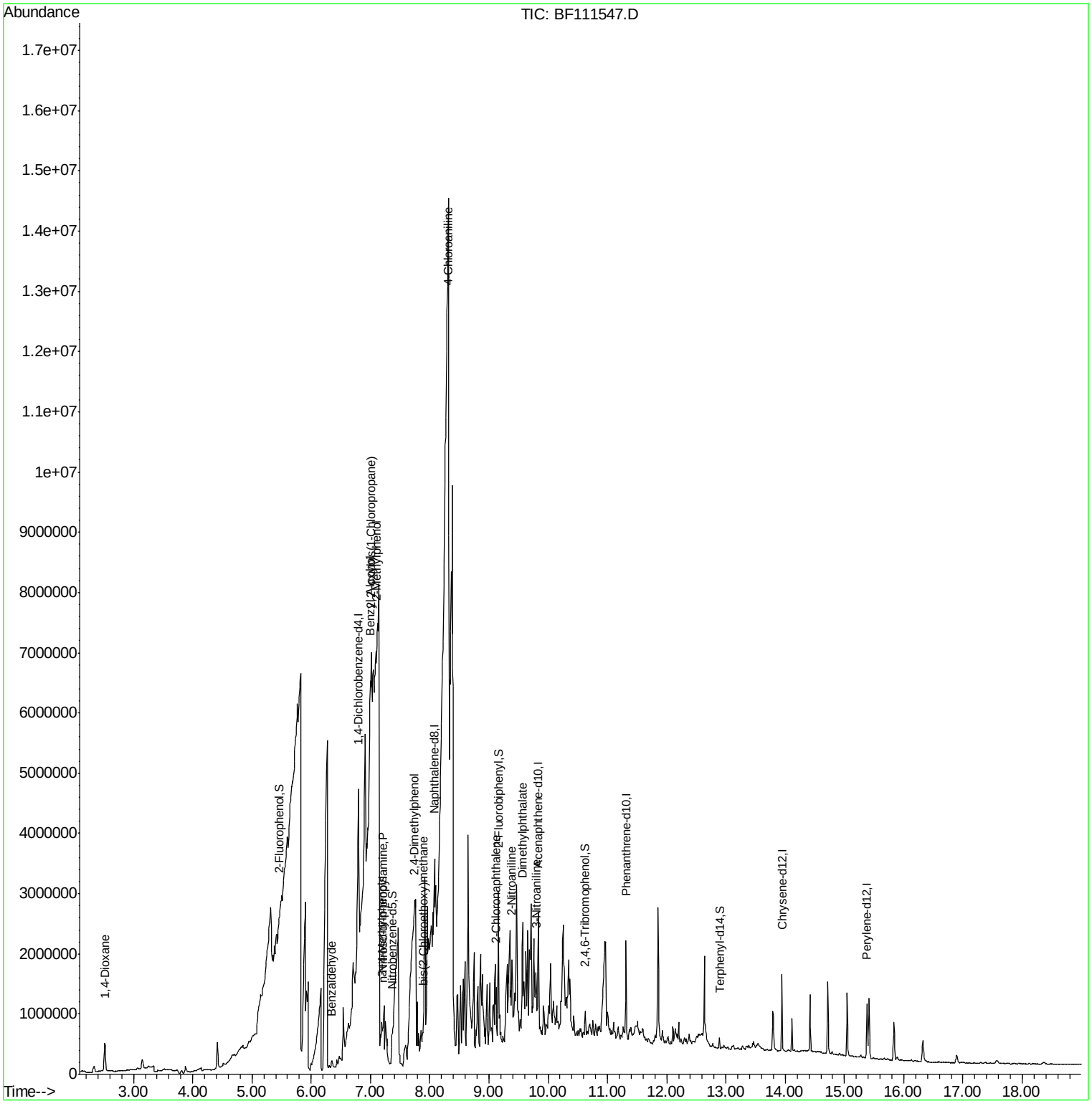
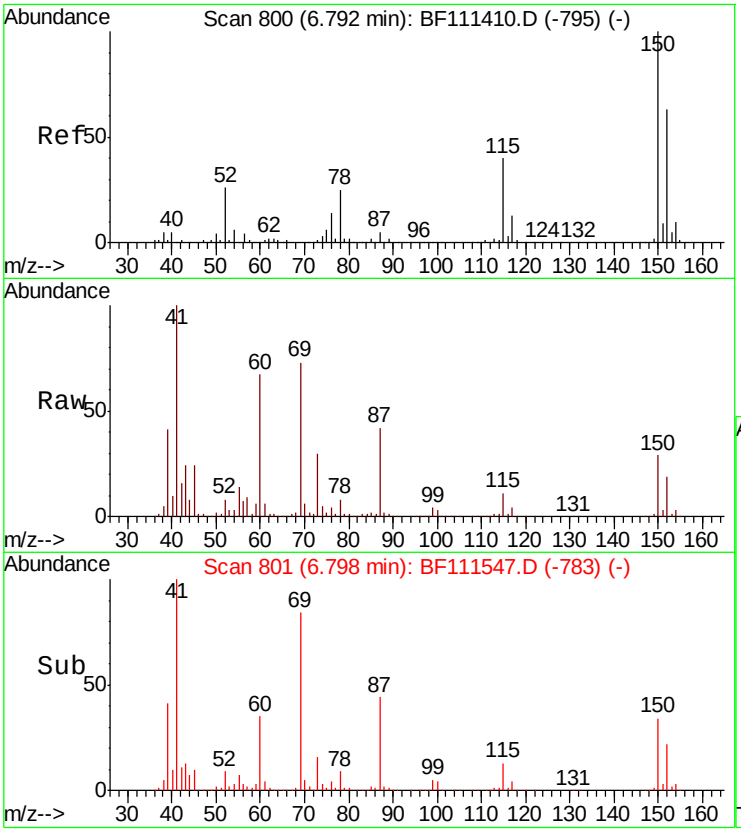


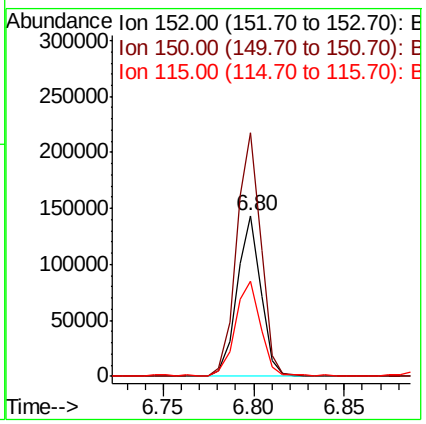


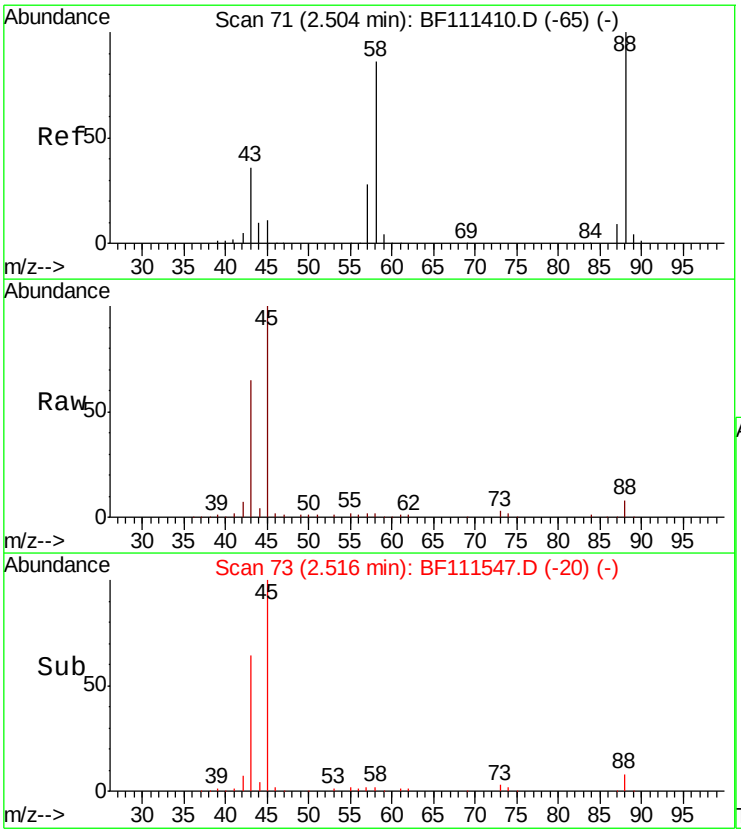
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 130449

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	59.3	50.7	76.1

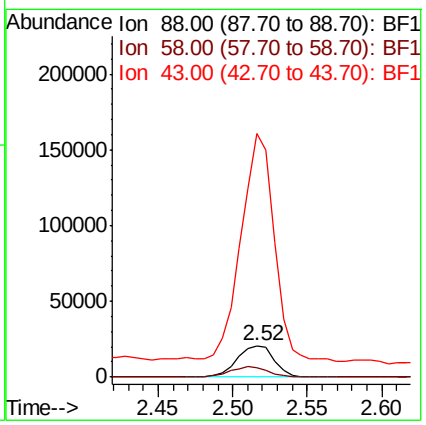


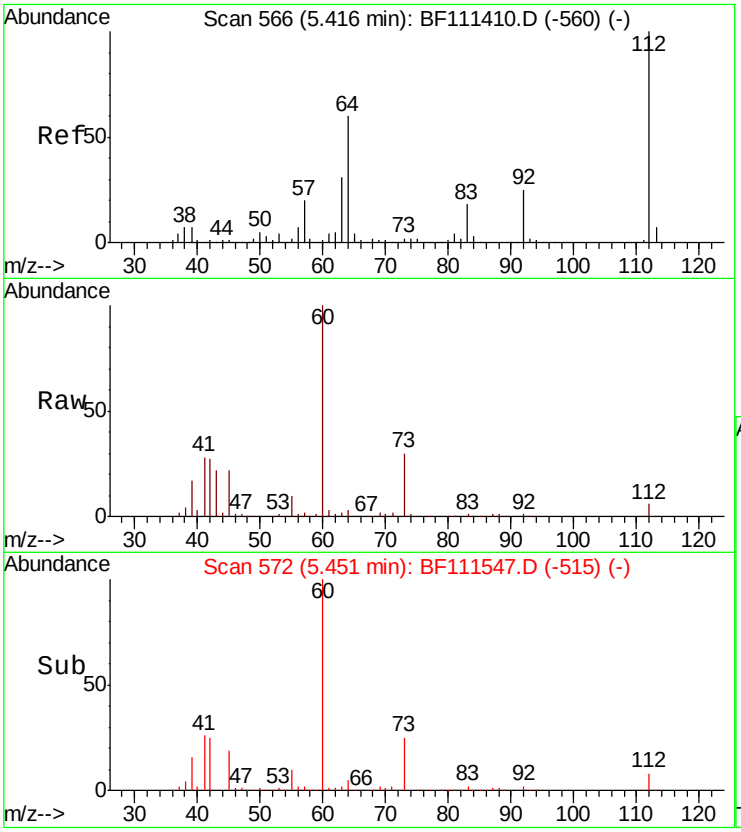


#2
1,4-Dioxane
Concen: 9.408 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 88 Resp: 35619

Ion	Ratio	Lower	Upper
88	100		
58	35.1	68.9	103.3#
43	656.1	25.8	38.6#



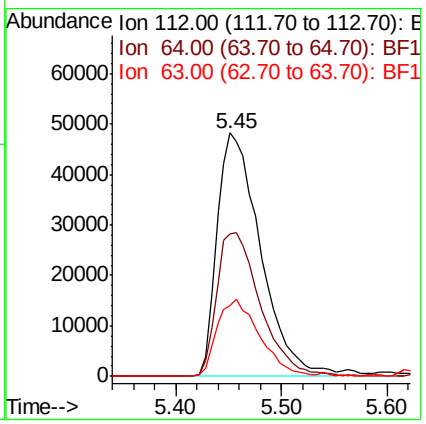


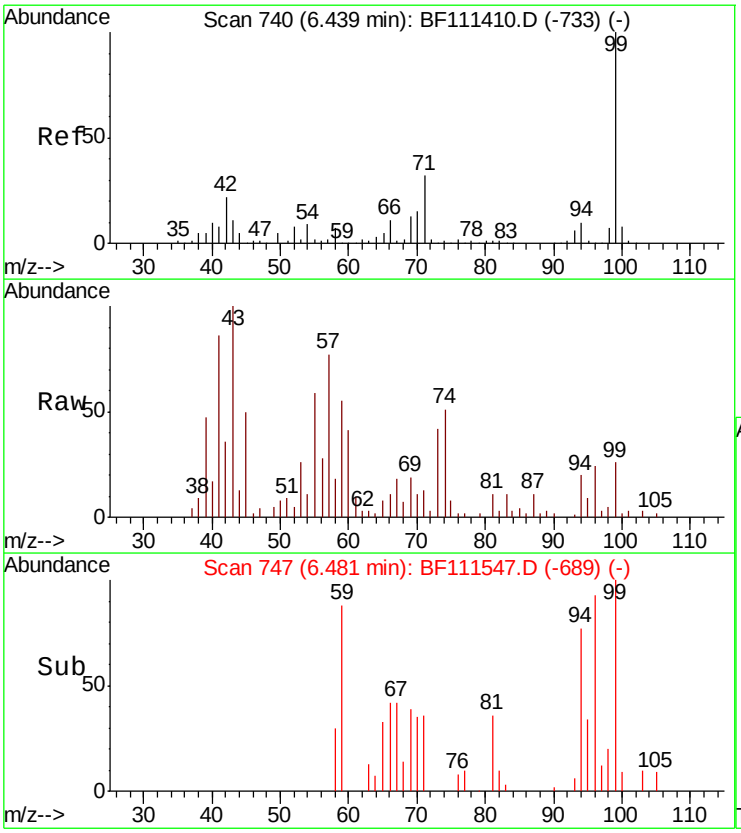
#5
2-Fluorophenol
Concen: 17.541 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.04 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:112 Resp: 137505

Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	29.0	26.8	40.2

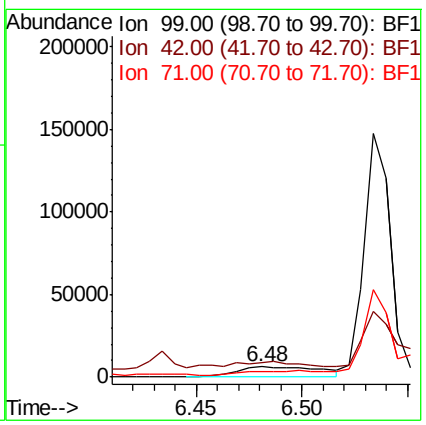


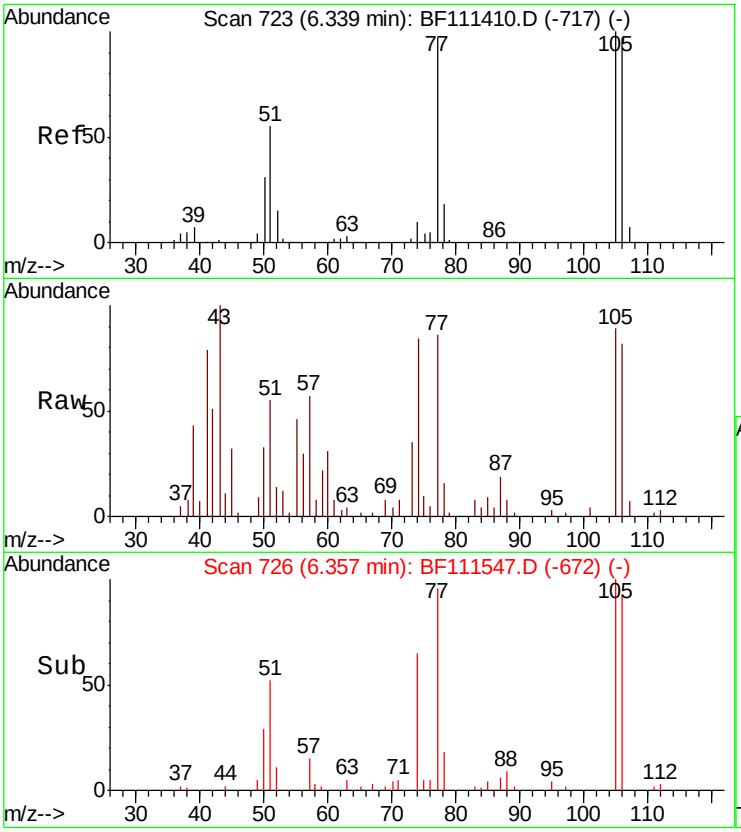


#7
Phenol-d6
Concen: 1.645 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.04 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 99 Resp: 17156

Ion	Ratio	Lower	Upper
99	100		
42	139.7	17.4	26.0#
71	51.2	26.1	39.1#



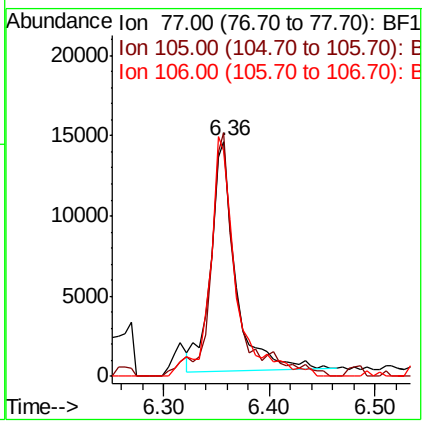


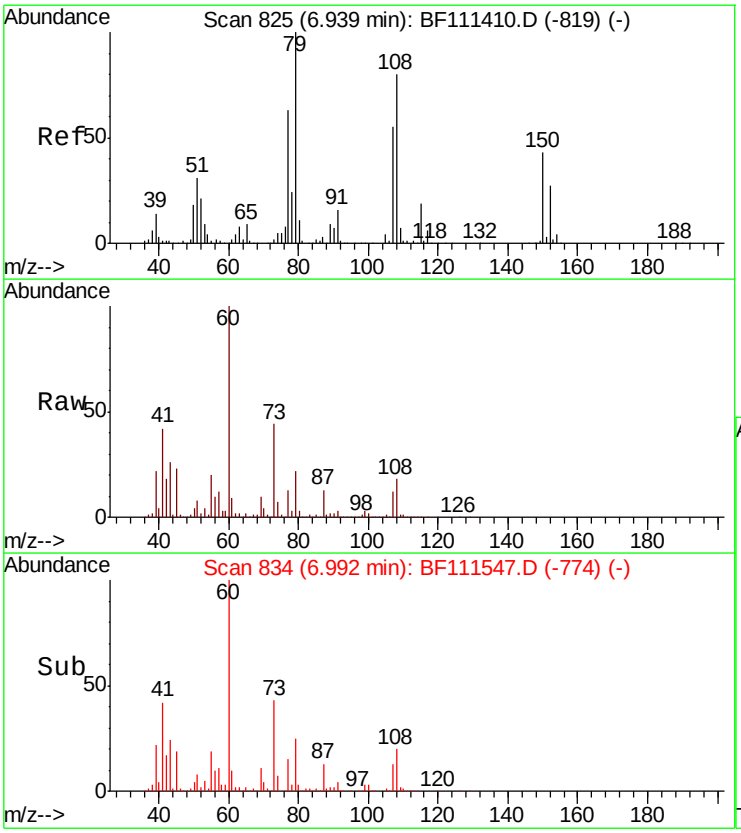
#9
Benzaldehyde
Concen: 3.761 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.02 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 77 Resp: 23786

Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.4	121.4
106	96.0	77.9	117.9

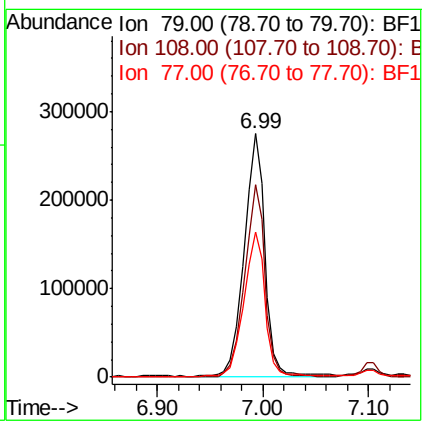


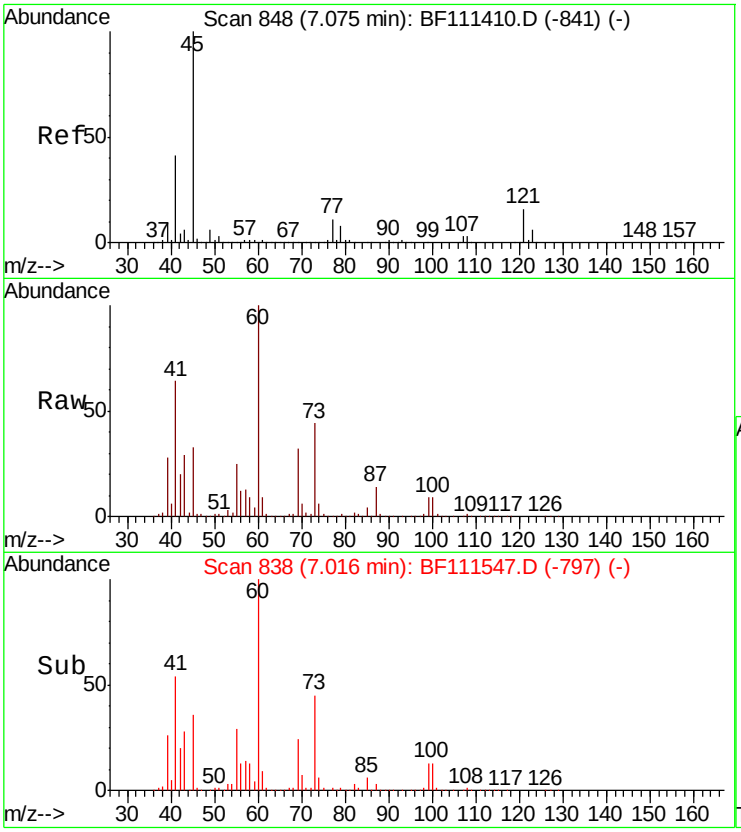


#15
Benzyl Alcohol
Concen: 46.803 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.05 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 79 Resp: 371344

Ion	Ratio	Lower	Upper
79	100		
108	78.9	69.4	104.2
77	59.4	49.7	74.5



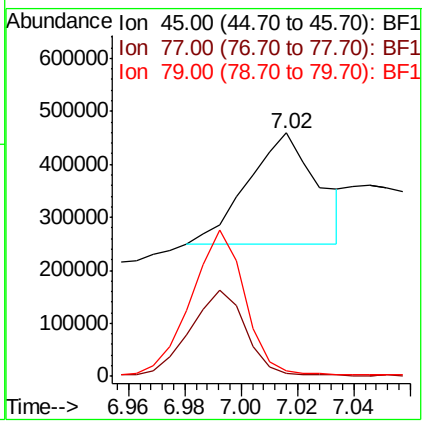


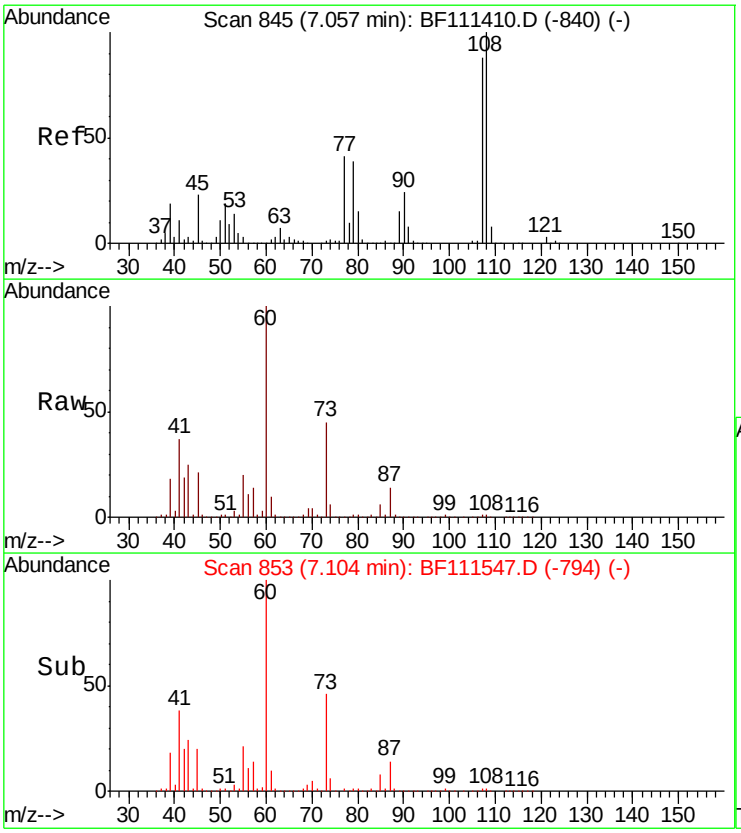
#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.459 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 45 Resp: 363752

Ion	Ratio	Lower	Upper
45	100		
77	1.3	0.0	31.5
79	2.3	0.0	28.9

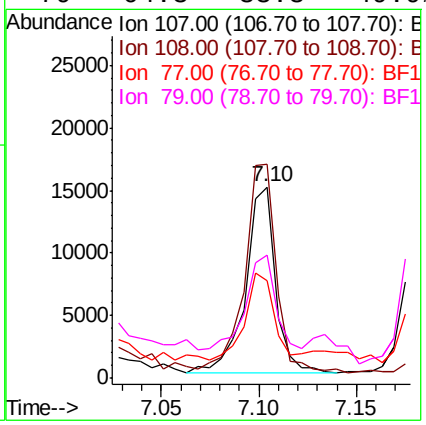


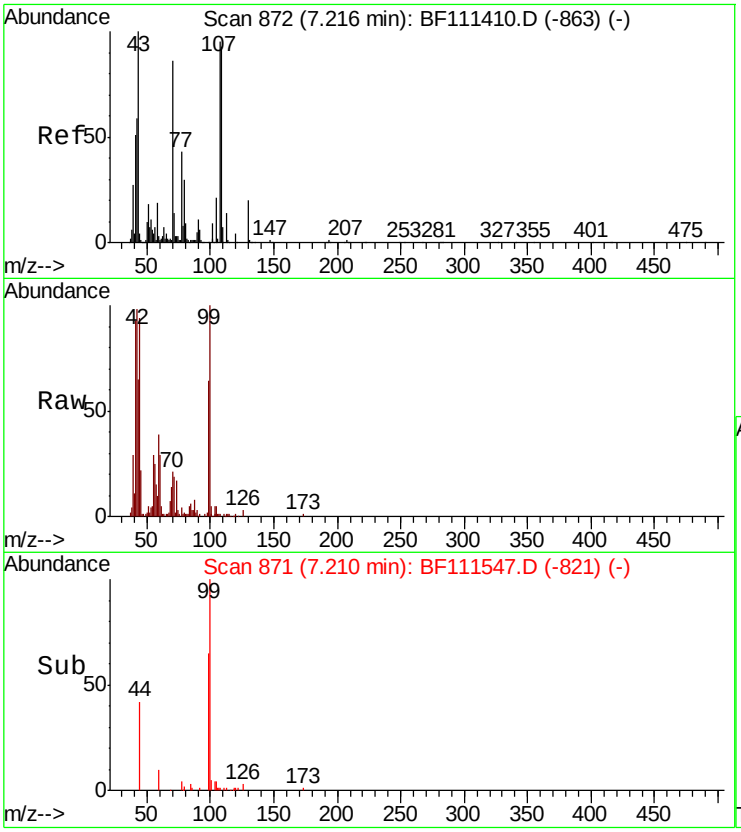


#17
2-Methylphenol
Concen: 2.122 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:107 Resp: 15997

Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.0	136.4
77	50.9	33.5	50.3#
79	64.3	33.3	49.9#



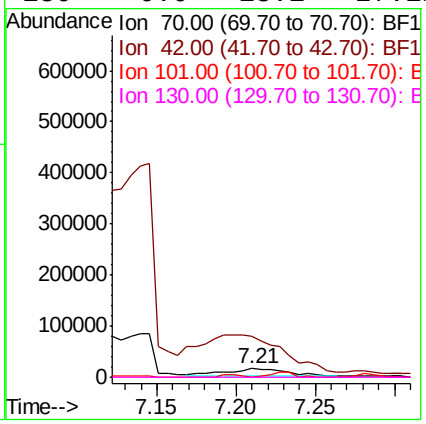


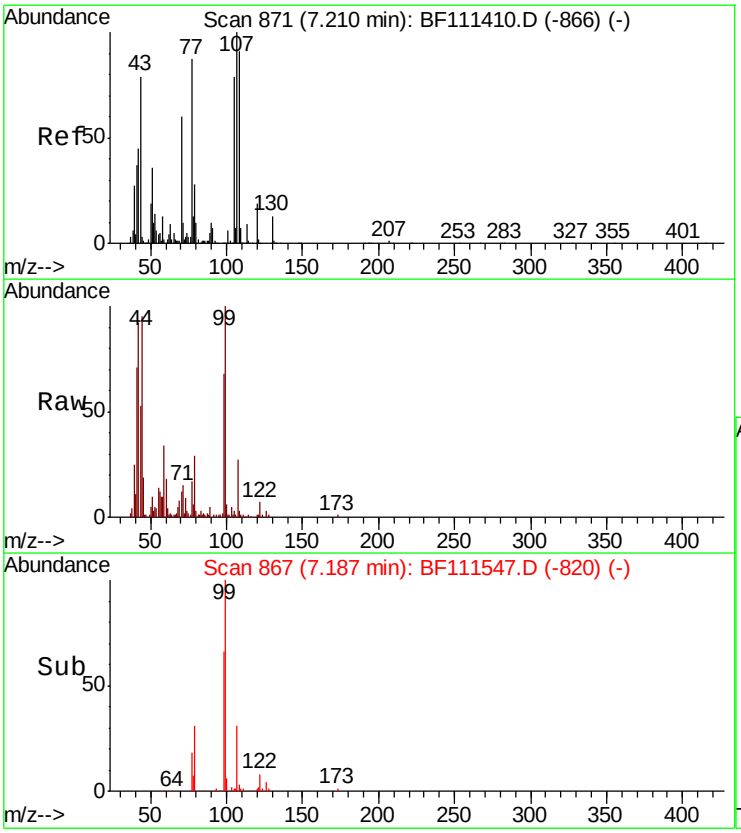
#19
n-Nitroso-di-n-propylamine
Concen: 6.357 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 70 Resp: 43731

Ion	Ratio	Lower	Upper
70	100		
42	464.5	53.2	79.8#
101	5.9	8.2	12.4#
130	0.0	18.1	27.1#

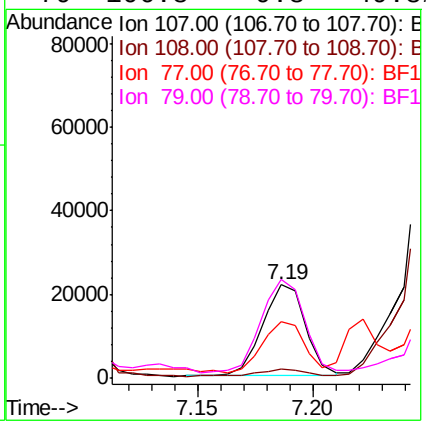


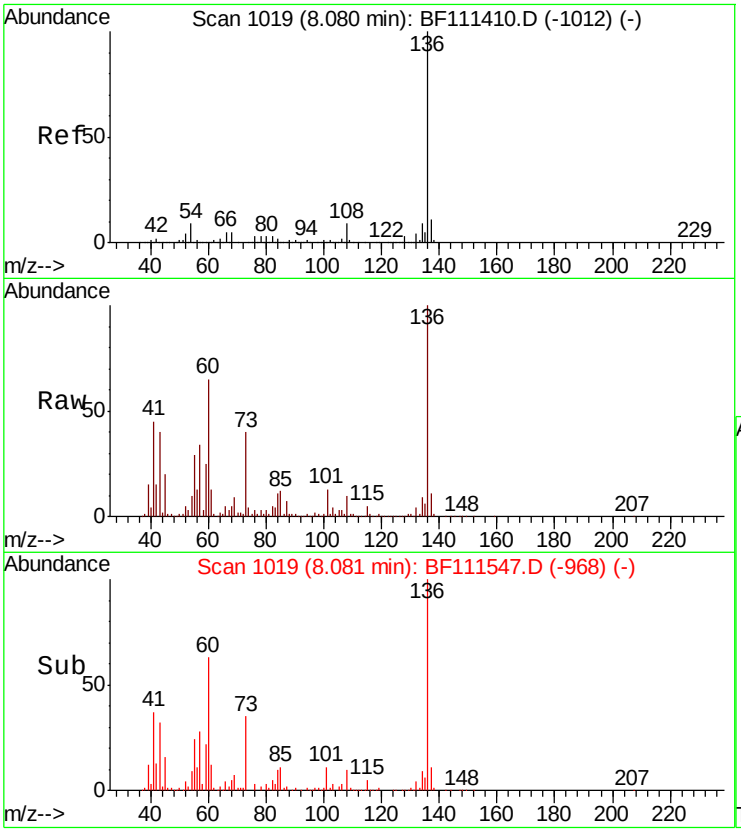


#20
3+4-Methylphenols
Concen: 2.958 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:107 Resp: 27970

Ion	Ratio	Lower	Upper
107	100		
108	9.6	72.1	112.1#
77	60.4	94.1	134.1#
79	106.8	9.8	49.8#



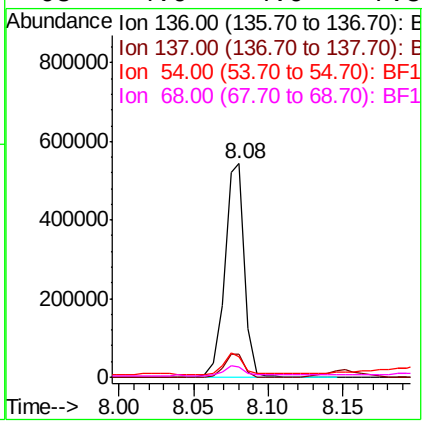


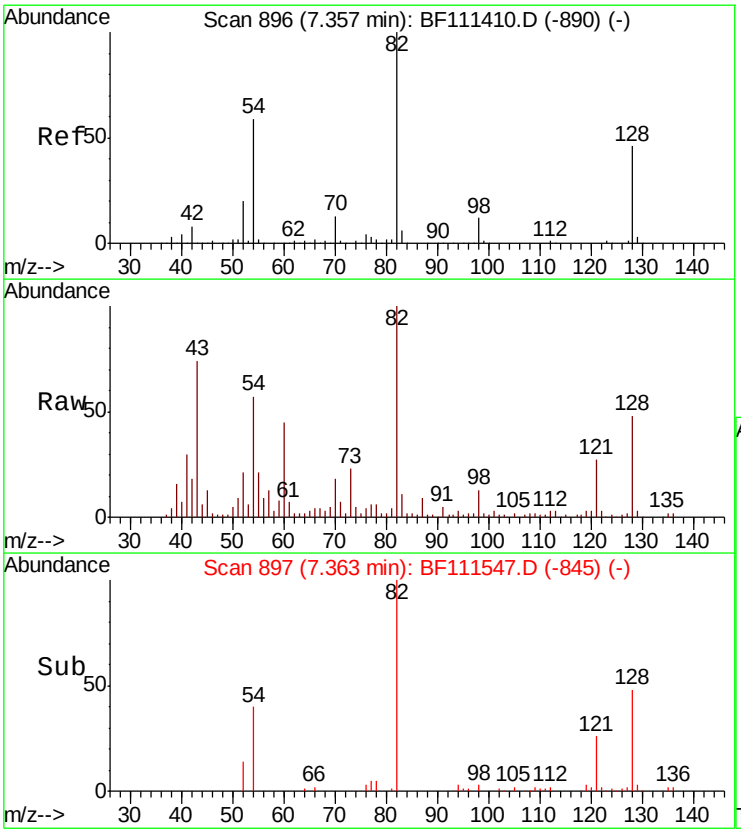
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 506097

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.7	7.7	11.5
68	4.9	4.9	7.3

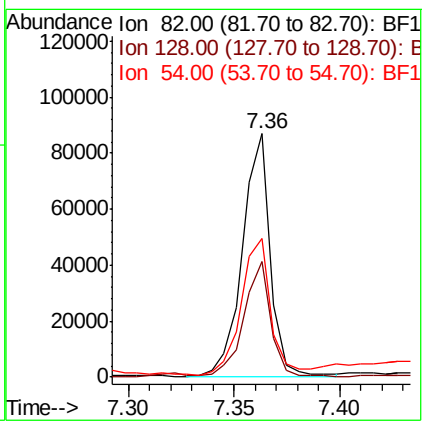


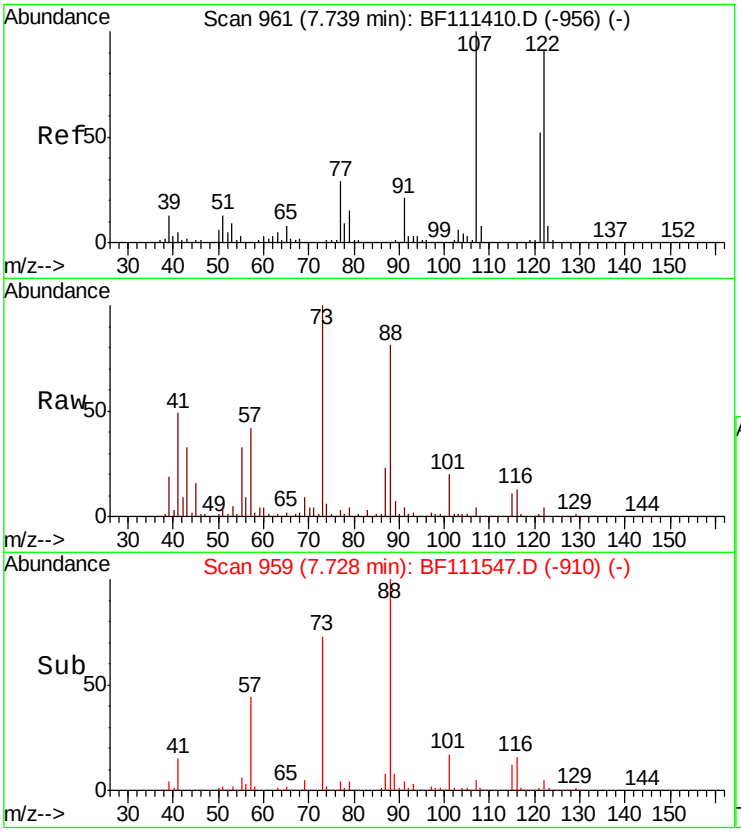


#23
Nitrobenzene-d5
Concen: 9.279 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 82 Resp: 78860

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	57.2	47.6	71.4



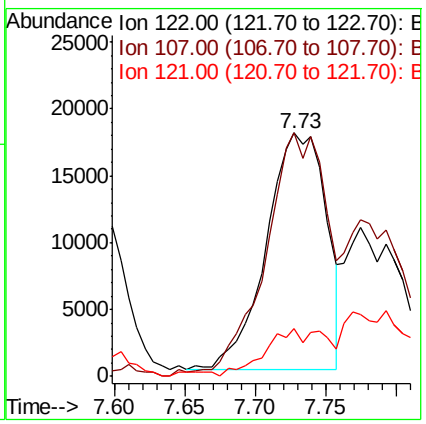


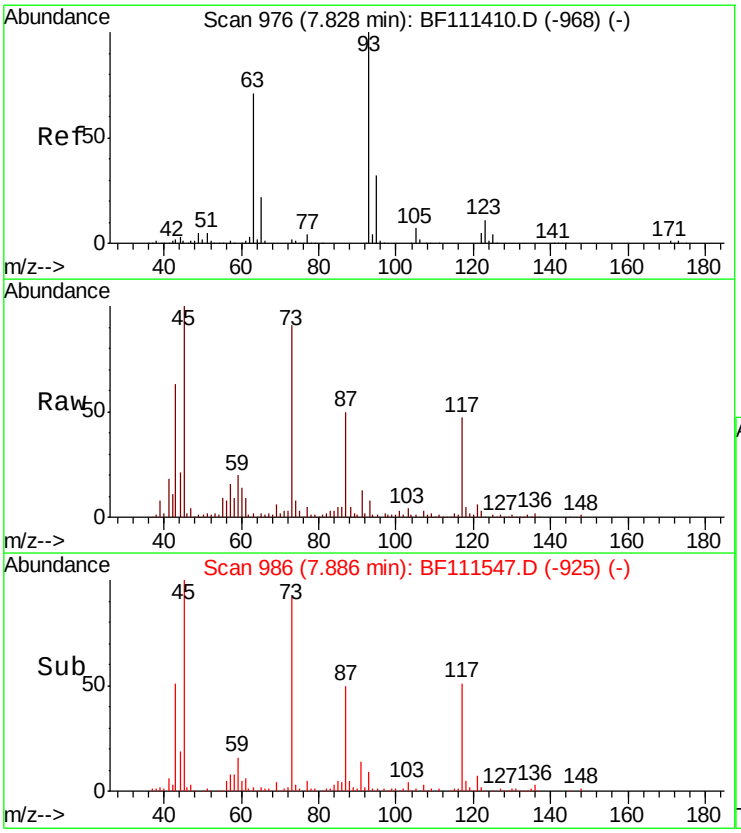
#27
2,4-Dimethylphenol
Concen: 8.067 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:122 Resp: 52583

Ion	Ratio	Lower	Upper
122	100		
107	99.9	85.5	128.3
121	19.8	46.6	70.0#

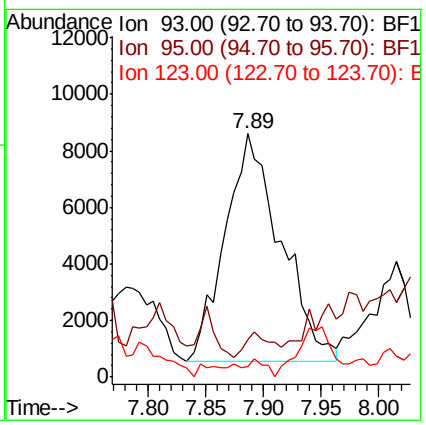


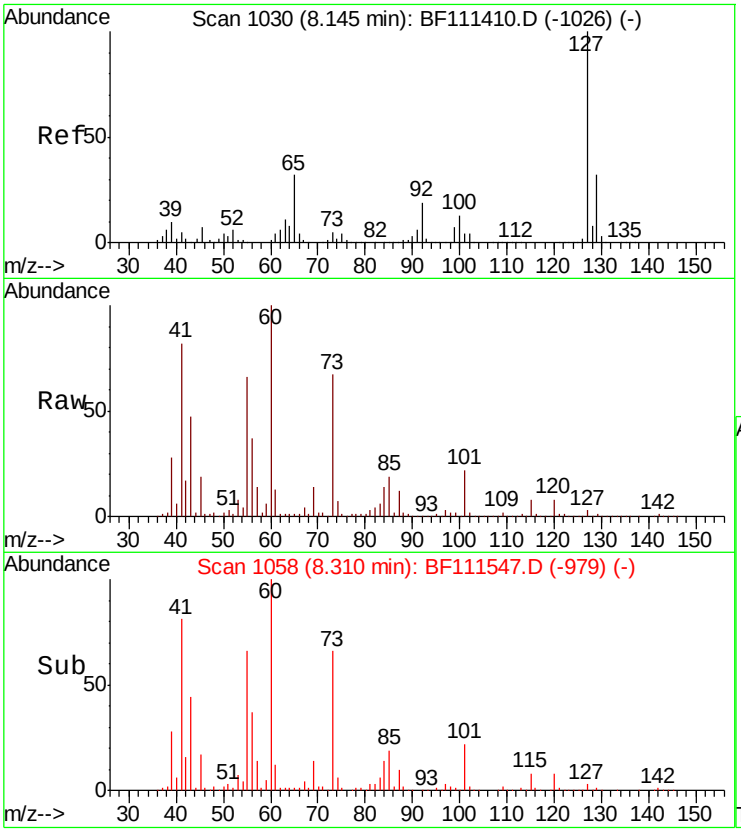


#28
bis(2-Chloroethoxy)methane
Concen: 2.716 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.06 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 93 Resp: 26962

Ion	Ratio	Lower	Upper
93	100		
95	15.3	27.1	40.7#
123	4.3	9.9	14.9#



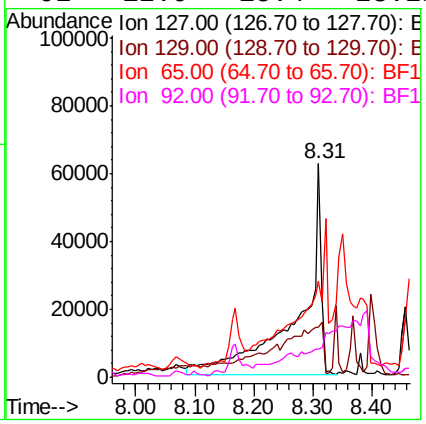


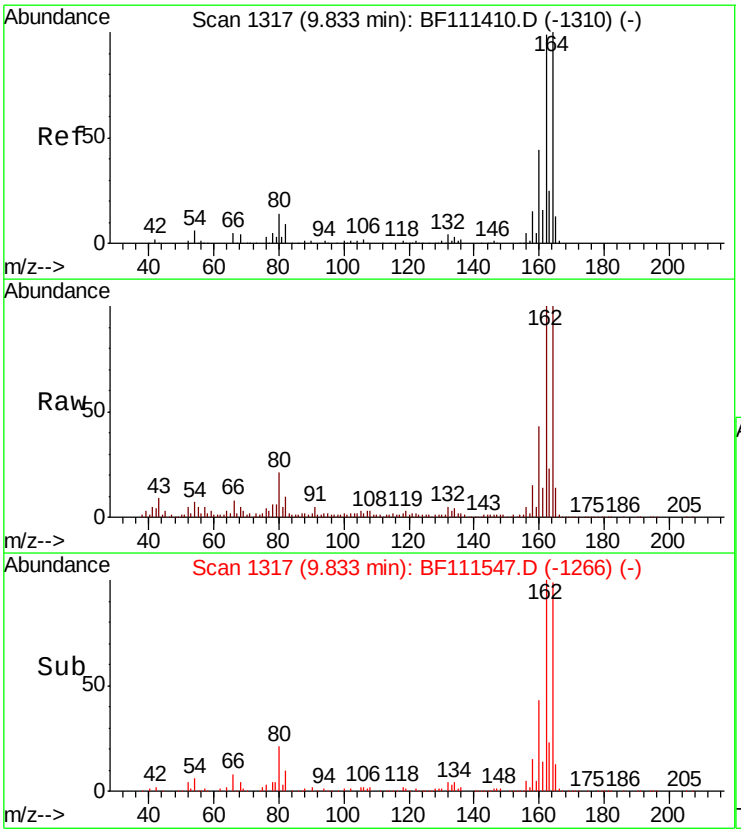
#33
4-Chloroaniline
Concen: 14.259 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.16 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:127 Resp: 150085

Ion	Ratio	Lower	Upper
127	100		
129	23.5	26.6	39.8#
65	45.1	25.7	38.5#
92	12.9	15.4	23.2#

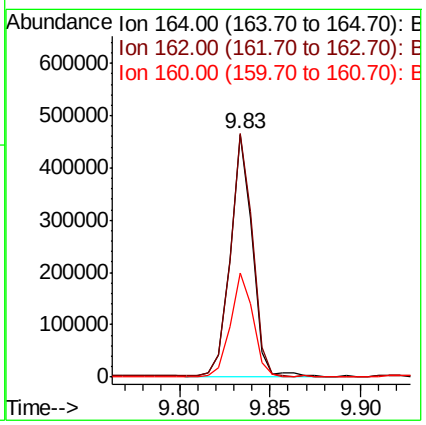


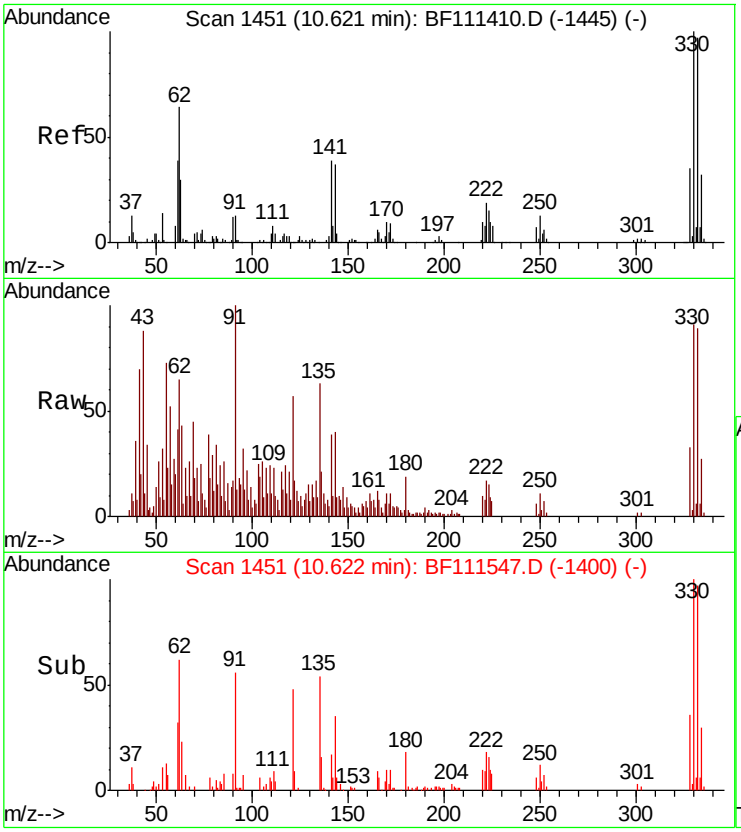


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:164 Resp: 388955

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.0
160	43.2	35.7	53.5



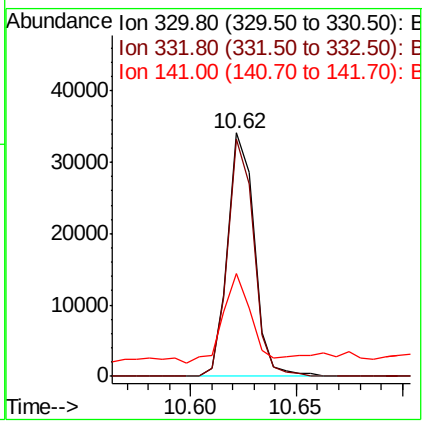


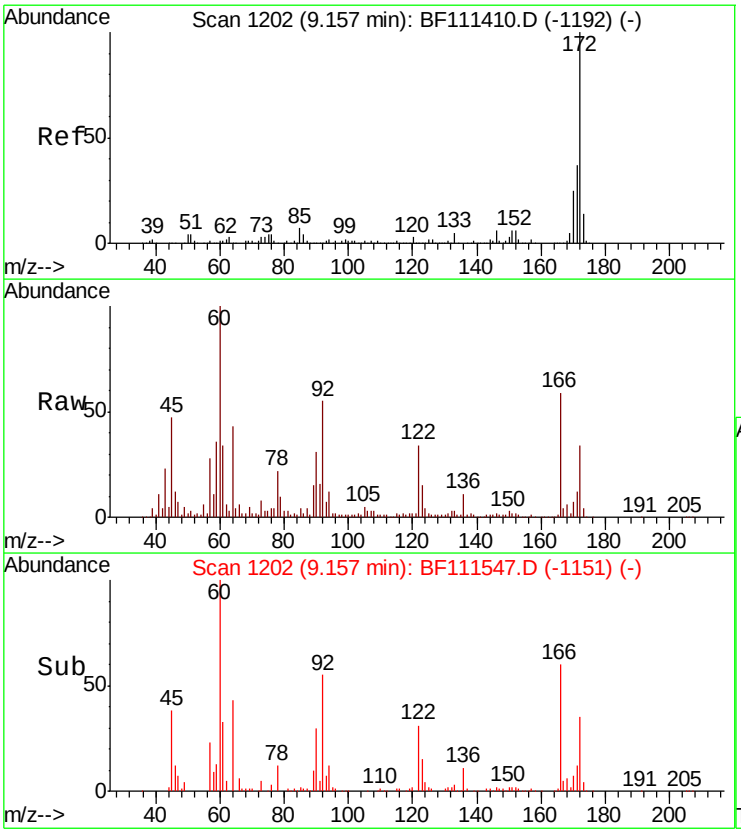
#42
2,4,6-Tribromophenol
Concen: 8.529 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 29718

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	39.3	31.0	46.6

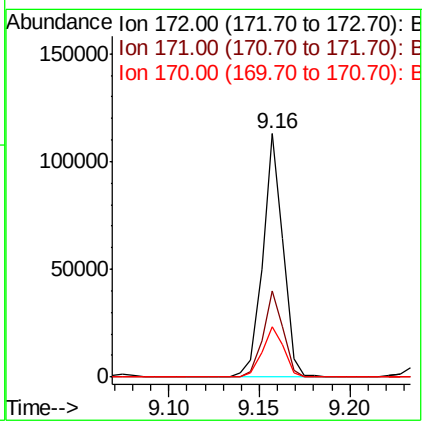


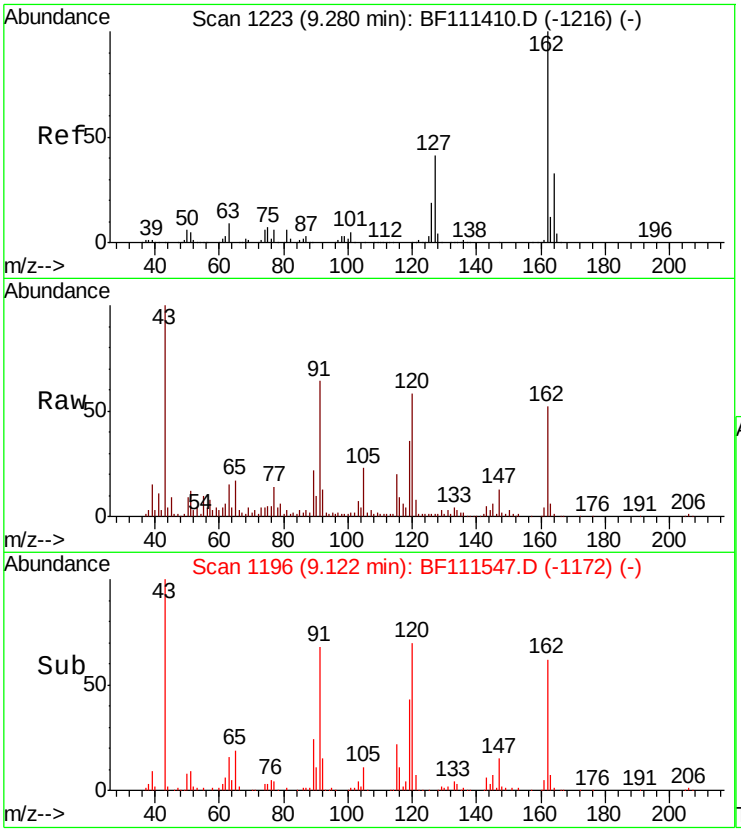


#45
2-Fluorobiphenyl
Concen: 3.467 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:172 Resp: 87305

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	20.9	22.3	33.5#



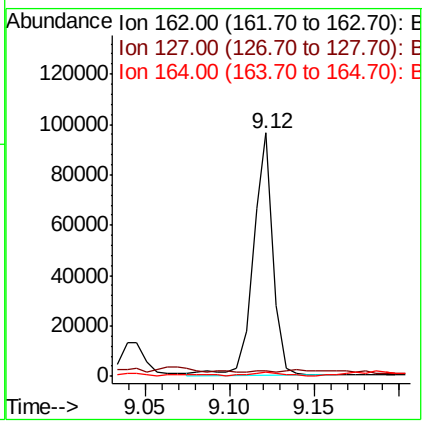


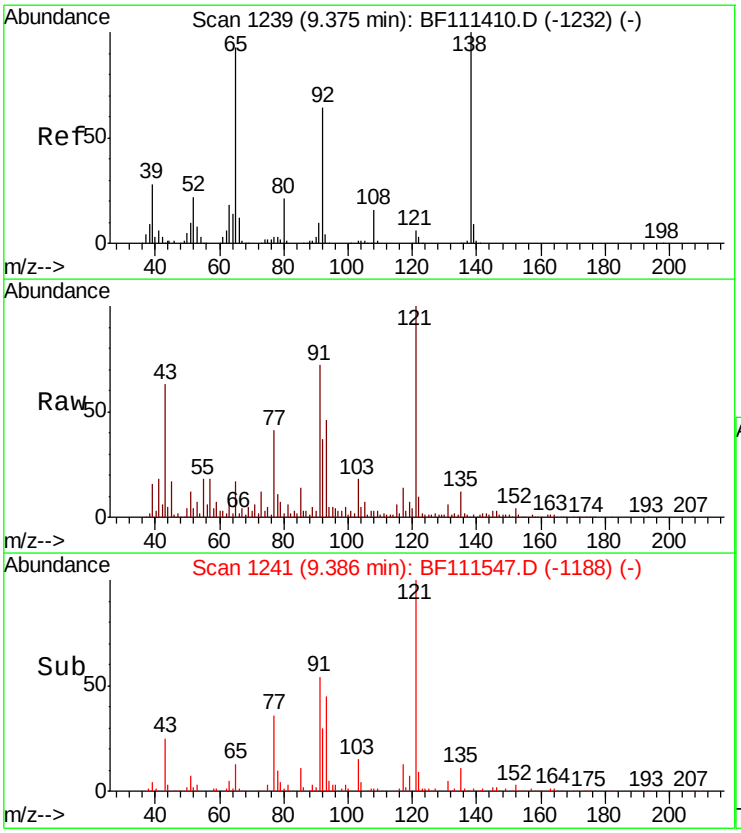
#47
2-Chloronaphthalene
Concen: 3.128 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.16 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:162 Resp: 78353

Ion	Ratio	Lower	Upper
162	100		
127	2.4	35.0	52.4#
164	1.7	28.4	42.6#

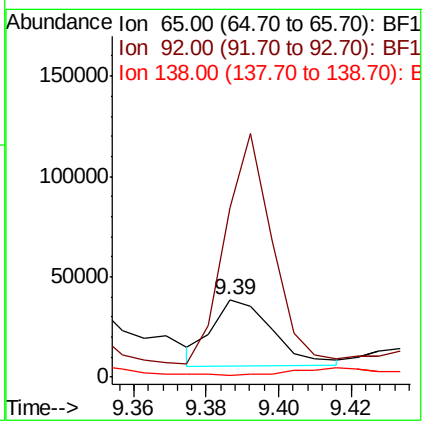


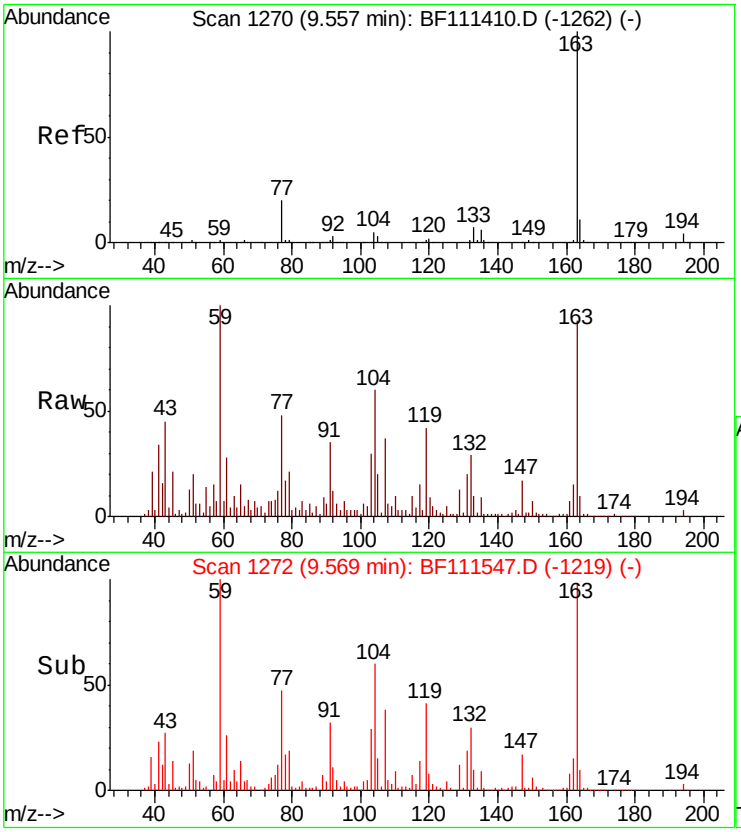


#48
2-Nitroaniline
Concen: 4.677 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion: 65 Resp: 38039

Ion	Ratio	Lower	Upper
65	100		
92	220.1	53.5	80.3#
138	2.1	80.9	121.3#



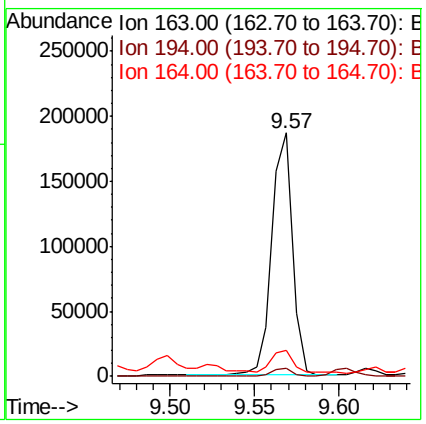


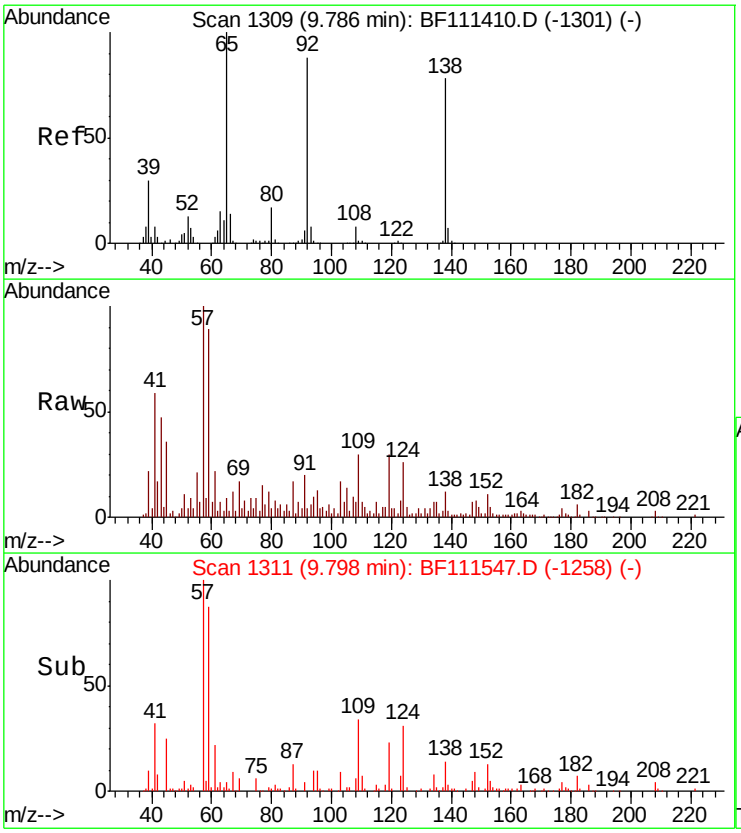
#50
Dimethylphthalate
Concen: 5.631 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:163 Resp: 157723

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.8	8.9	13.3

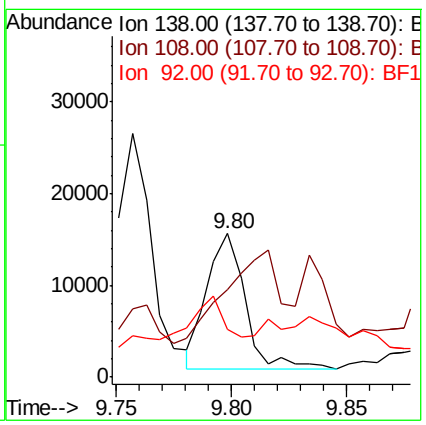


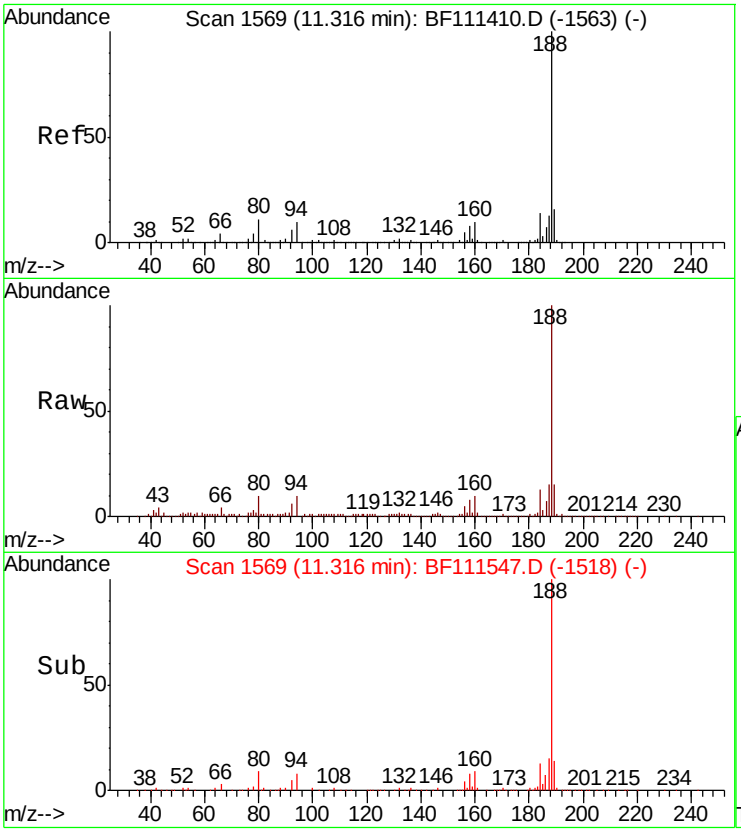


#53
3-Nitroaniline
Concen: 2.196 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:138 Resp: 16816

Ion	Ratio	Lower	Upper
138	100		
108	60.7	8.2	12.4#
92	33.0	93.4	140.2#



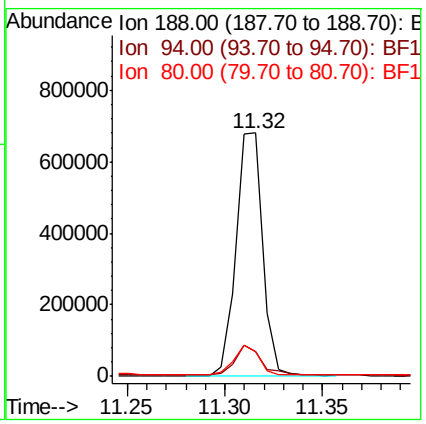


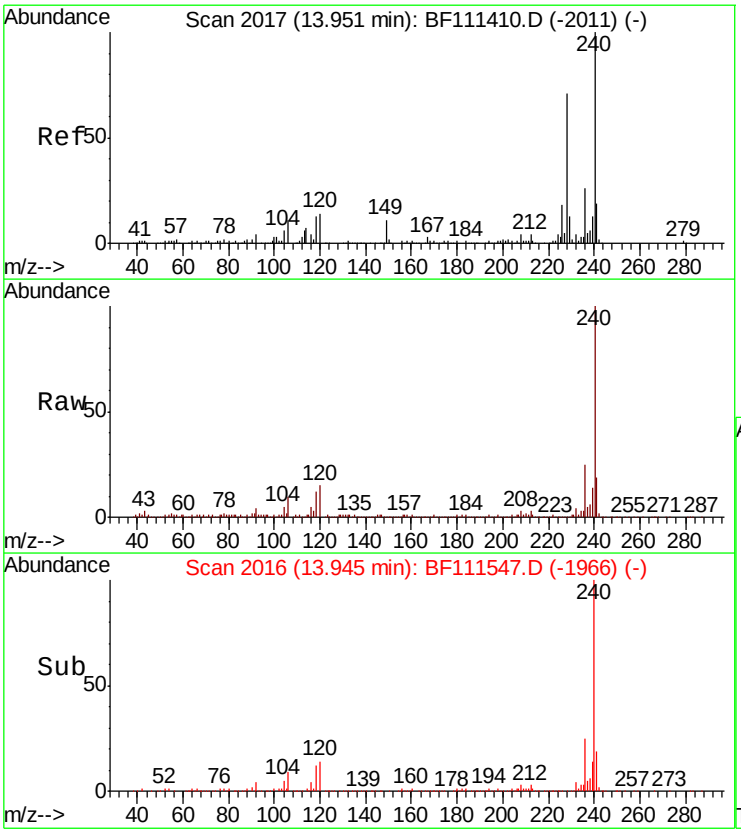
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:188 Resp: 645197

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.6	14.4
80	10.0	9.8	14.6

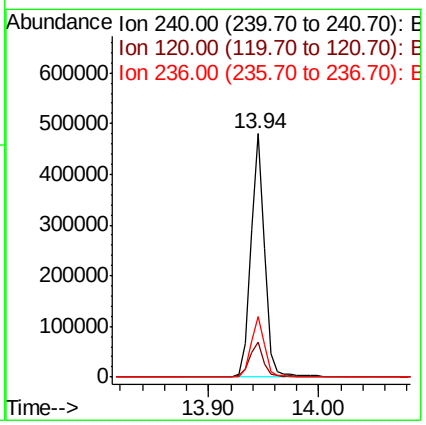


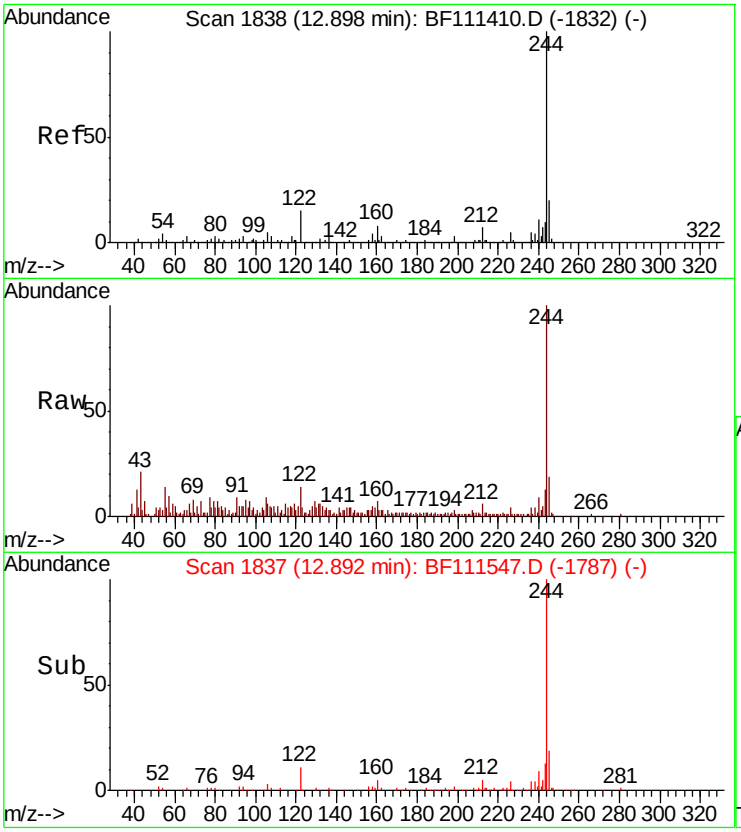


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:240 Resp: 418465

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.2	18.2
236	24.8	20.2	30.2



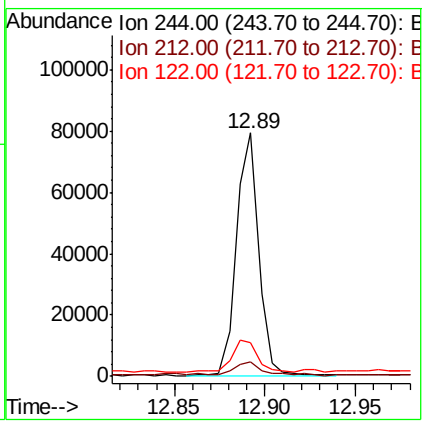


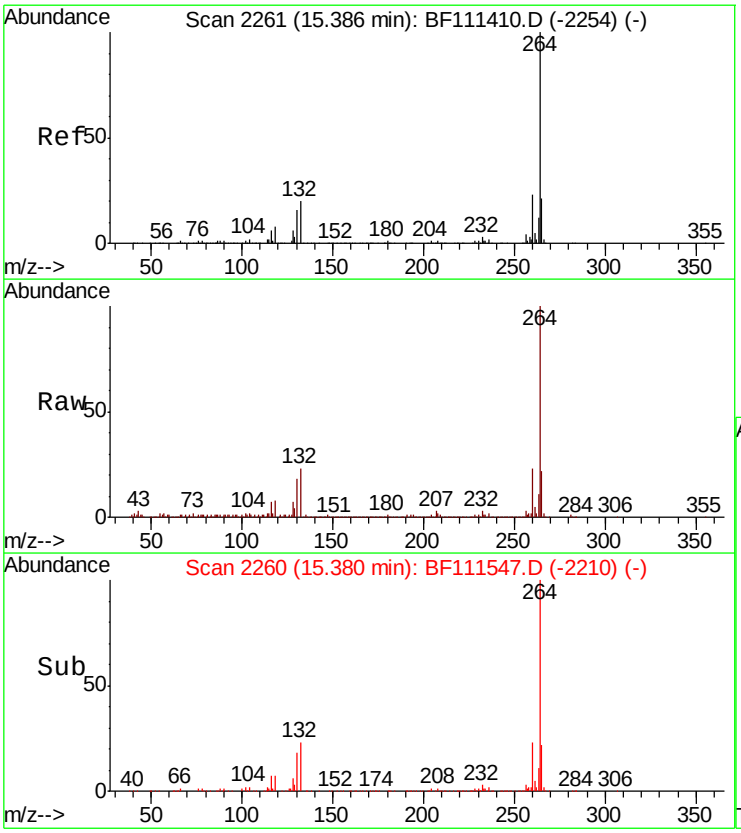
#79
Terphenyl-d14
Concen: 3.859 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111547.D
Acq: 17 Dec 2018 19:03

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:244 Resp: 68776

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.7	8.5
122	13.6	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: BF111547.D
Acq: 17 Dec 2018 19:03

Tgt Ion:264 Resp: 426985

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.7	17.7	26.5