Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
Operator : JU/SJ
Sample : J6440-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

Quant Time: Dec 18 04:09:58 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	172096	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	613767	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	341350	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	349136	20.00	ng		0.00
76) Chrysene-d12	13.95	240	366610	20.00	ng		0.00
87) Perylene-d12	15.40	264	391661	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	577913	55.88	ng		0.01
7) Phenol-d6	6.46	99	711107	51.69	ng		0.02
23) Nitrobenzene-d5	7.36	82	1017789	98.75	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	287477	94.02	ng		0.02
45) 2-Fluorobiphenyl	9.16	172	2018510	91.34	ng		0.00
79) Terphenyl-d14	12.90	244	1127169	72.20	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.25	79	41208	3.285	ng	#	34
9) Benzaldehyde	6.33	77	148151	17.755	ng		97
10) Phenol	6.47	94	151414	9.881	ng		97
15) Benzyl Alcohol	6.95	79	147757	14.116	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.97	45	137304	5.854	ng		78
17) 2-Methylphenol	7.07	107	113967	11.460	ng		99
20) 3+4-Methylphenols	7.23	107	172262	13.809	ng	#	62
22) Acetophenone	7.20	105	364617	26.612	ng	#	81
24) Nitrobenzene	7.36	77	315315	29.989	ng	#	47
25) Isophorone	7.76	82	60492	3.469	ng	#	67
27) 2,4-Dimethylphenol	7.75	122	90746	11.480	ng	#	93
28) bis(2-Chloroethoxy)methane	7.86	93	82927	6.888	ng	#	59
31) Naphthalene	8.10	128	1173458	40.877	ng		97
32) Benzoic acid	7.92	122	87756	12.847	ng	#	72
33) 4-Chloroaniline	8.10	127	157174	12.313	ng	#	36
36) 4-Chloro-3-methylphenol	8.72	107	42307	4.555	ng	#	24
37) 2-Methylnaphthalene	8.79	142	177251	9.125	ng		96
38) 1-Methylnaphthalene	8.89	142	112208	5.979	ng	#	98
48) 2-Nitroaniline	9.37	65	204852	28.698	ng	#	28
50) Dimethylphthalate	9.56	163	387953	15.781	ng		98
53) 3-Nitroaniline	9.81	138	247220	36.782	ng	#	10
56) 4-Nitrophenol	9.99	139	71997	15.479	ng		86
57) 2,4-Dinitrotoluene	10.03	165	22994	3.166	ng	#	1
60) Diethylphthalate	10.29	149	54237	2.178	ng	#	76
65) 4,6-Dinitro-2-methylphenol	10.58	198	4011	2.035	ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	18469	4.908	ng	#	1
74) Di-n-butylphthalate	11.88	149	53538	2.527	ng	#	83
82) 3,3'-Dichlorobenzidine	13.80	252	226525	27.953	ng	#	33

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111543.D
Acq On : 17 Dec 2018 17:13
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Sample : J6440-05
Misc :
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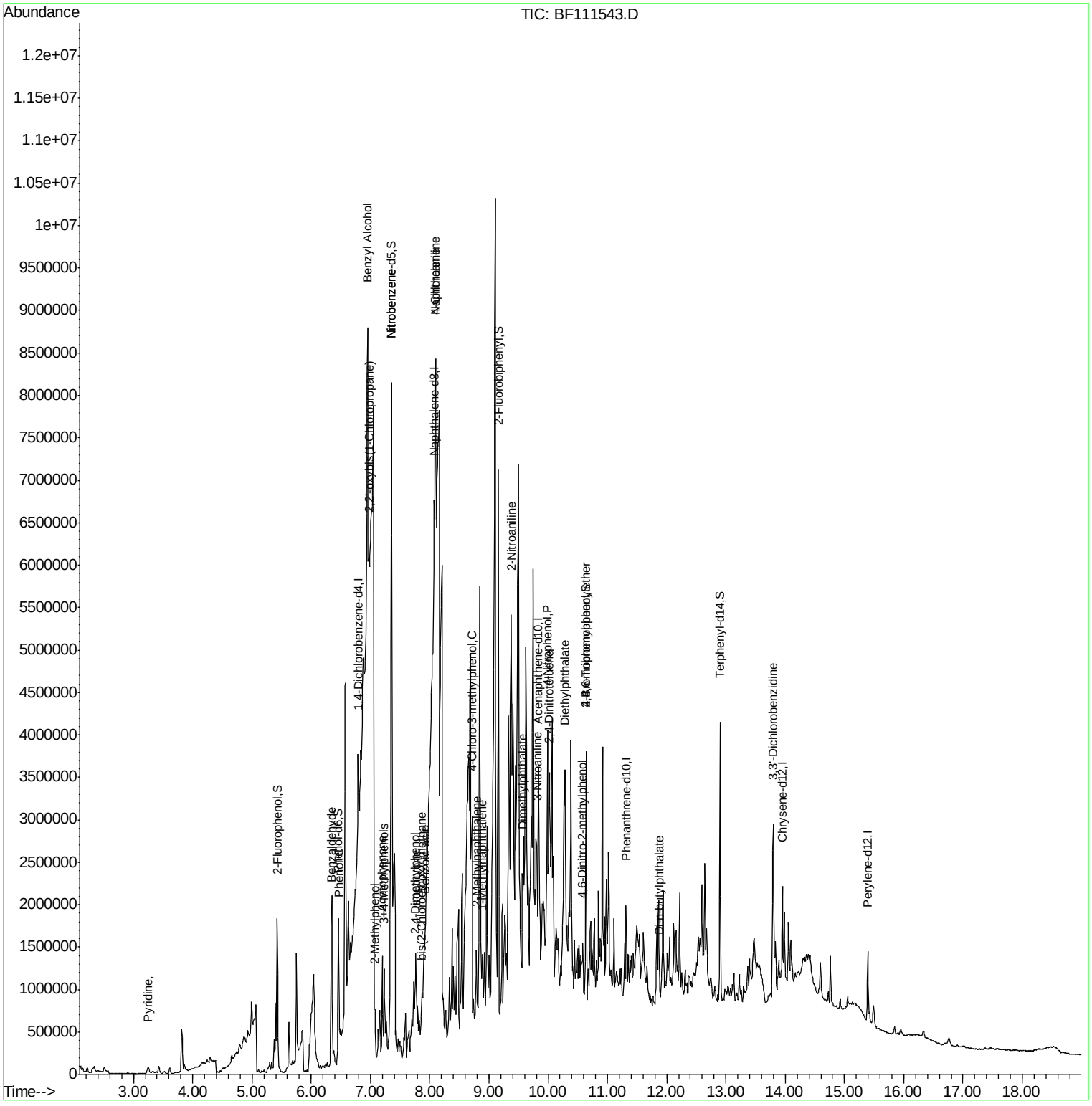
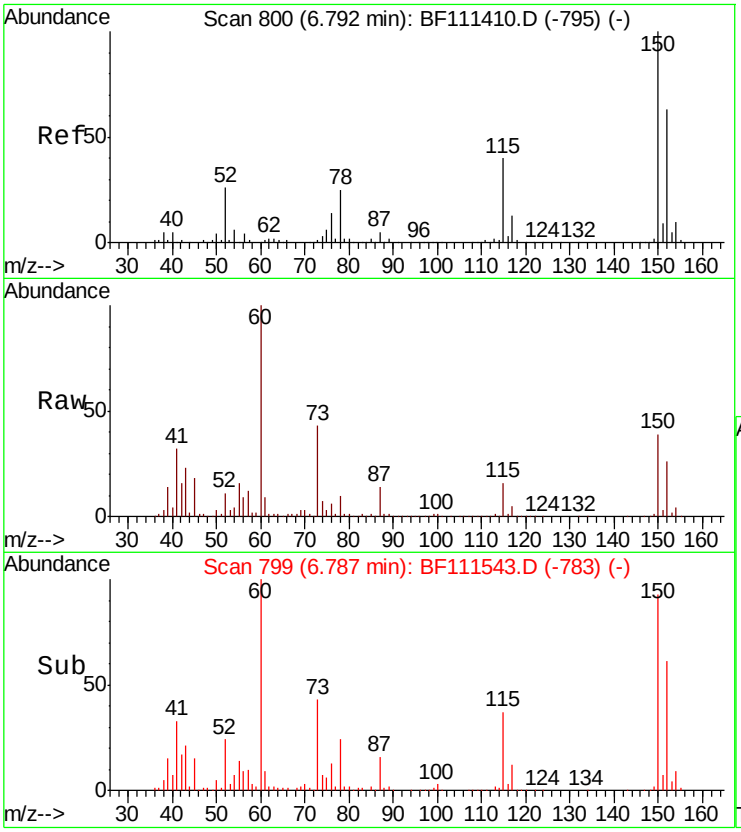
Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Dec 18 04:09:58 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



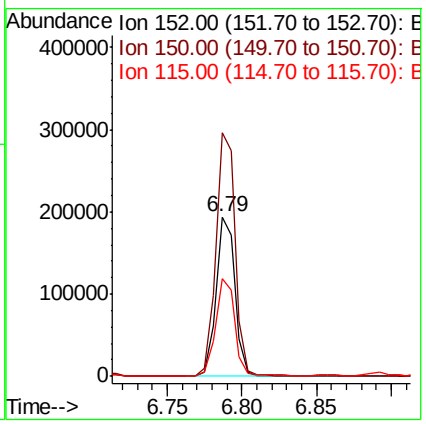


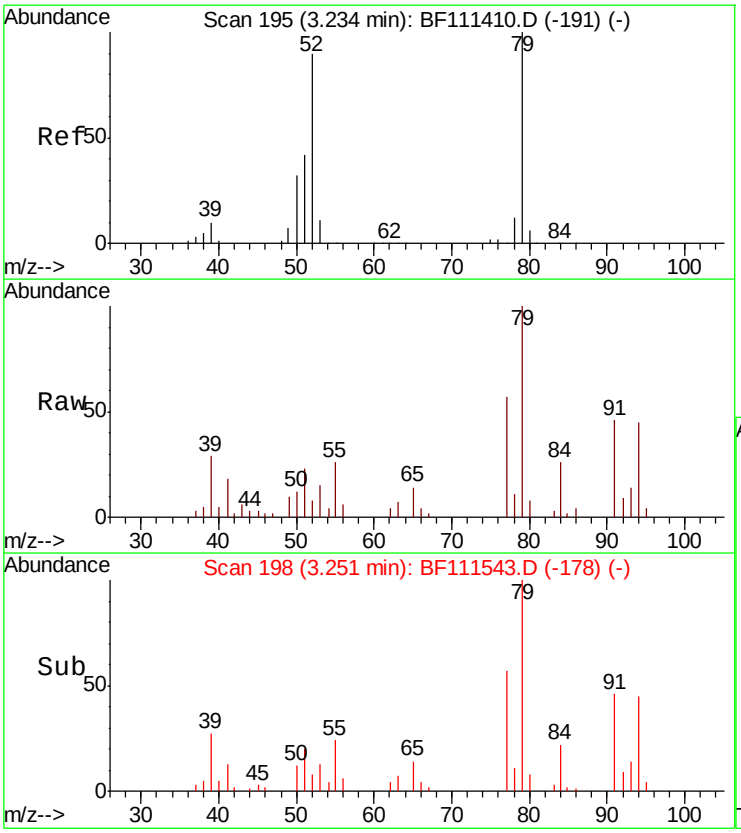
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 172096

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	189.8
115	61.5	50.7	76.1

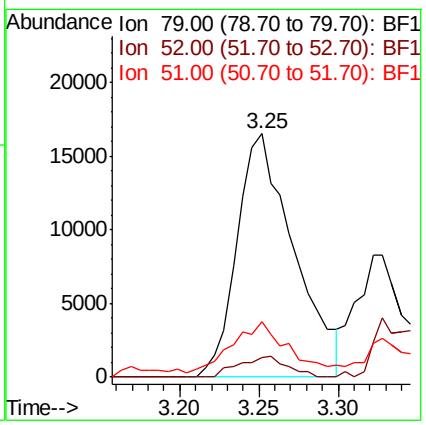


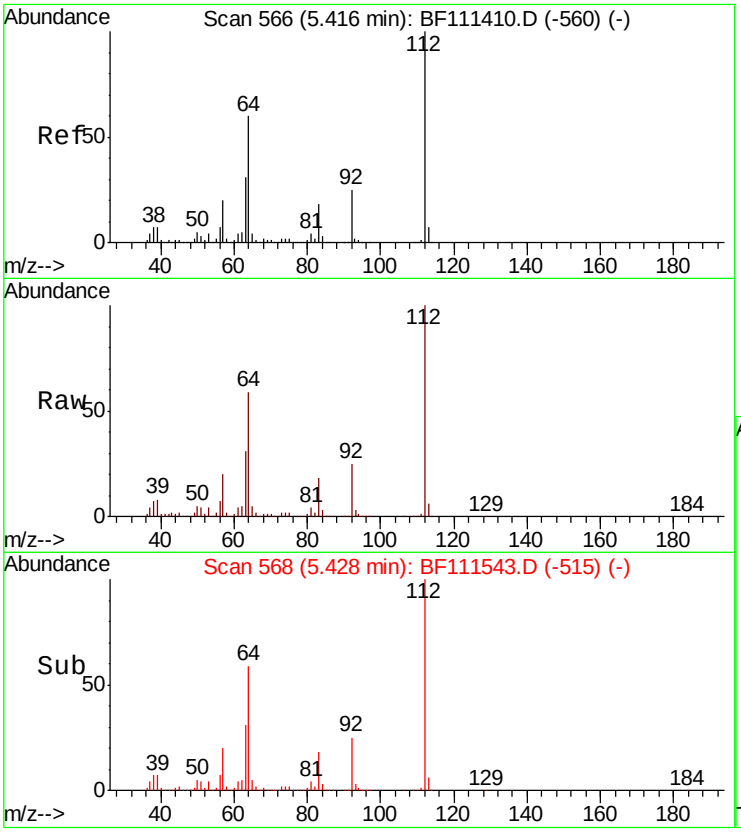


#3
Pyridine
Concen: 3.285 ng
RT: 3.25 min Scan# 198
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion: 79 Resp: 41208

Ion	Ratio	Lower	Upper
79	100		
52	8.2	68.3	102.5#
51	22.8	32.6	49.0#



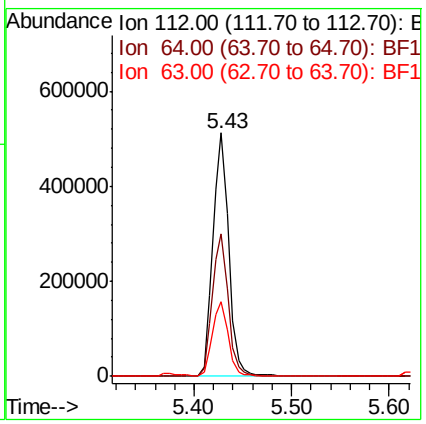


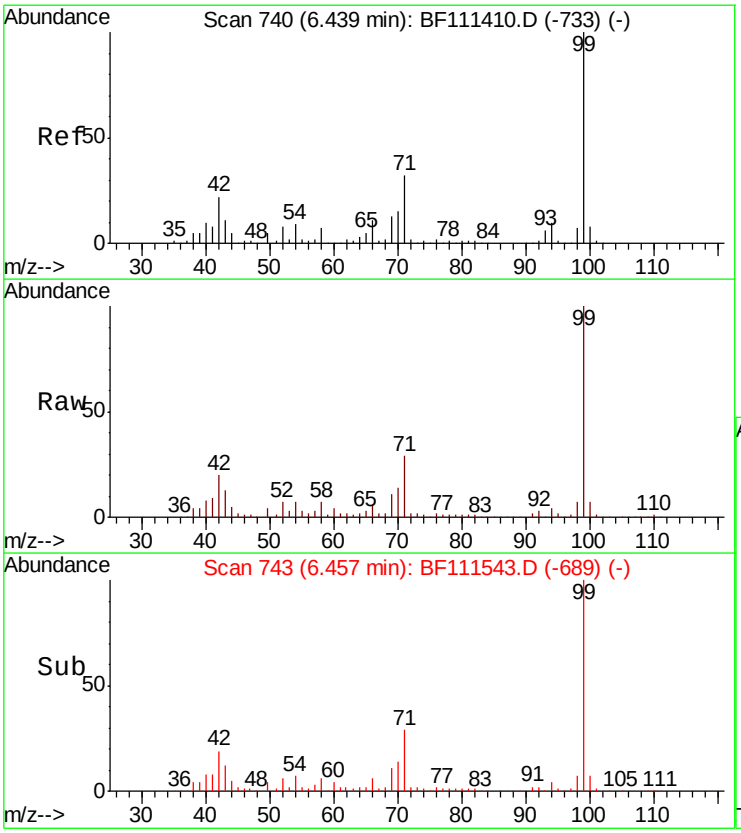
#5
2-Fluorophenol
Concen: 55.881 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:112 Resp: 577913

Ion	Ratio	Lower	Upper
112	100		
64	58.5	51.8	77.6
63	30.7	26.8	40.2

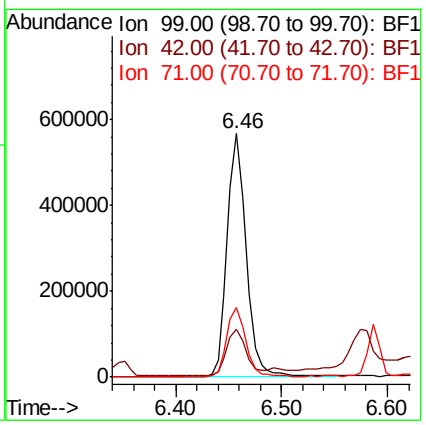


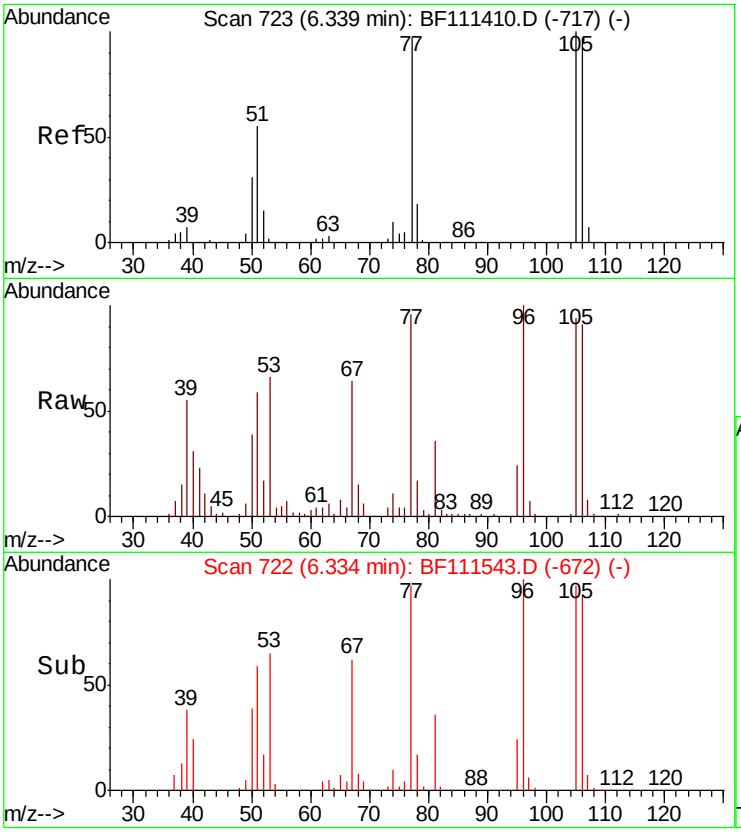


#7
Phenol-d6
Concen: 51.692 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion: 99 Resp: 711107

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.4	26.0
71	28.6	26.1	39.1



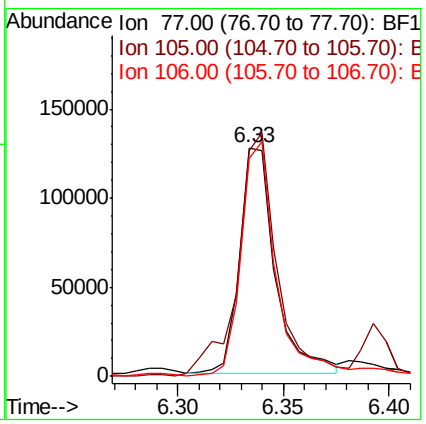


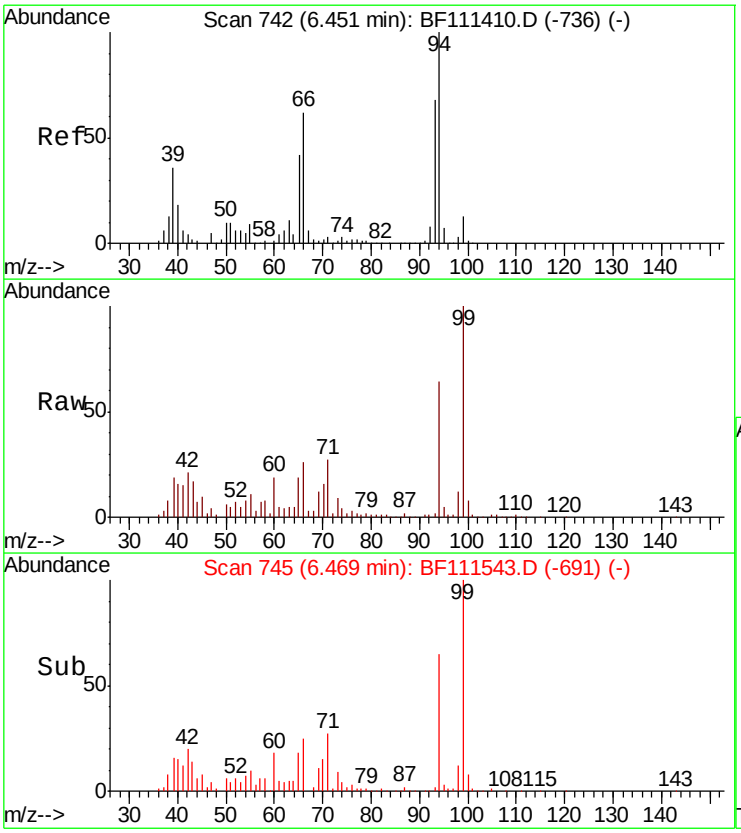
#9
Benzaldehyde
Concen: 17.755 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 77 Resp: 148151

Ion	Ratio	Lower	Upper
77	100		
105	98.8	81.4	121.4
106	95.2	77.9	117.9

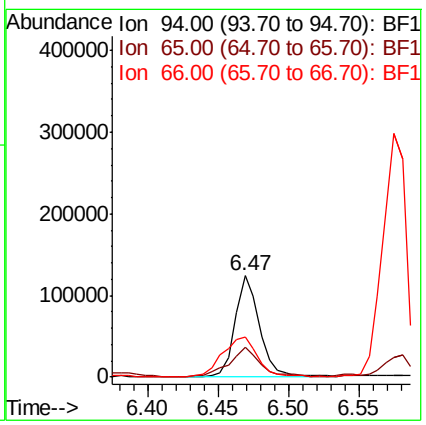


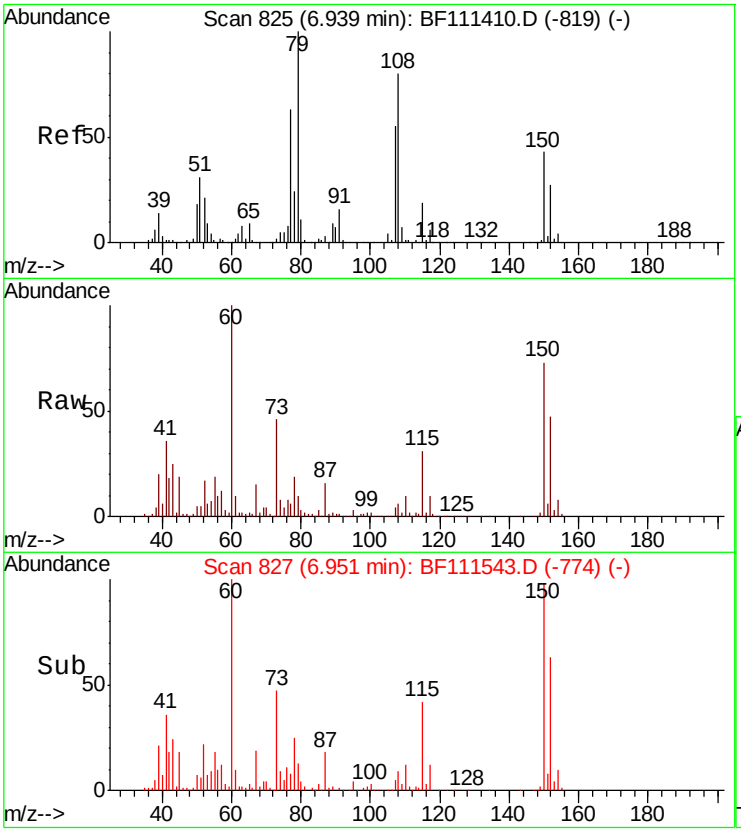


#10
Phenol
Concen: 9.881 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion: 94 Resp: 151414

Ion	Ratio	Lower	Upper
94	100		
65	29.4	11.7	51.7
66	39.7	21.0	61.0



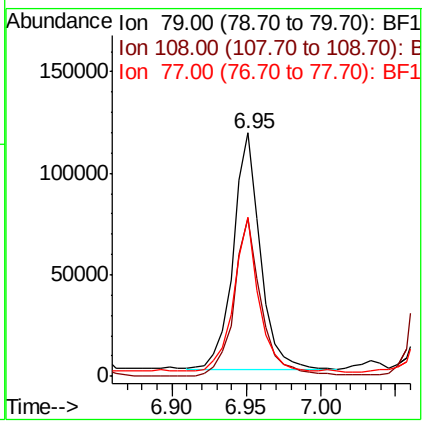


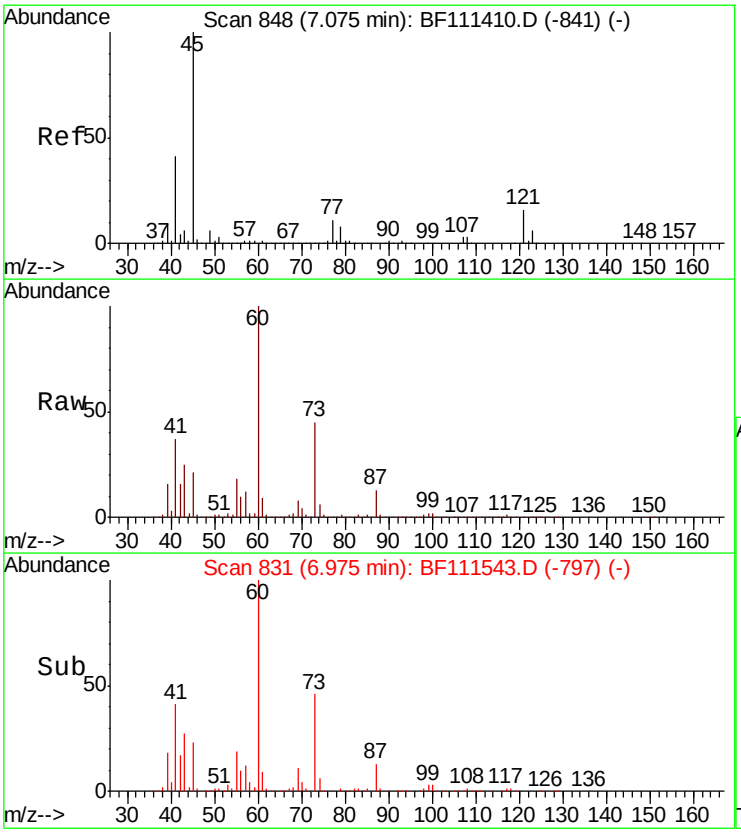
#15
Benzyl Alcohol
Concen: 14.116 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 79 Resp: 147757

Ion	Ratio	Lower	Upper
79	100		
108	65.1	69.4	104.2#
77	65.3	49.7	74.5

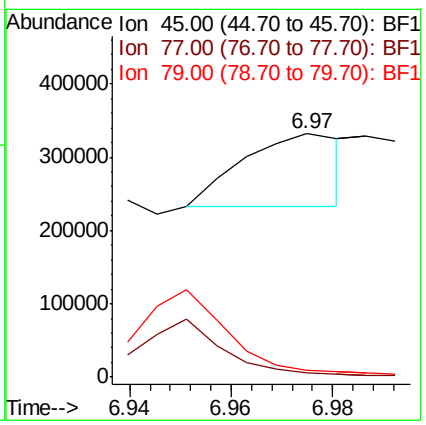


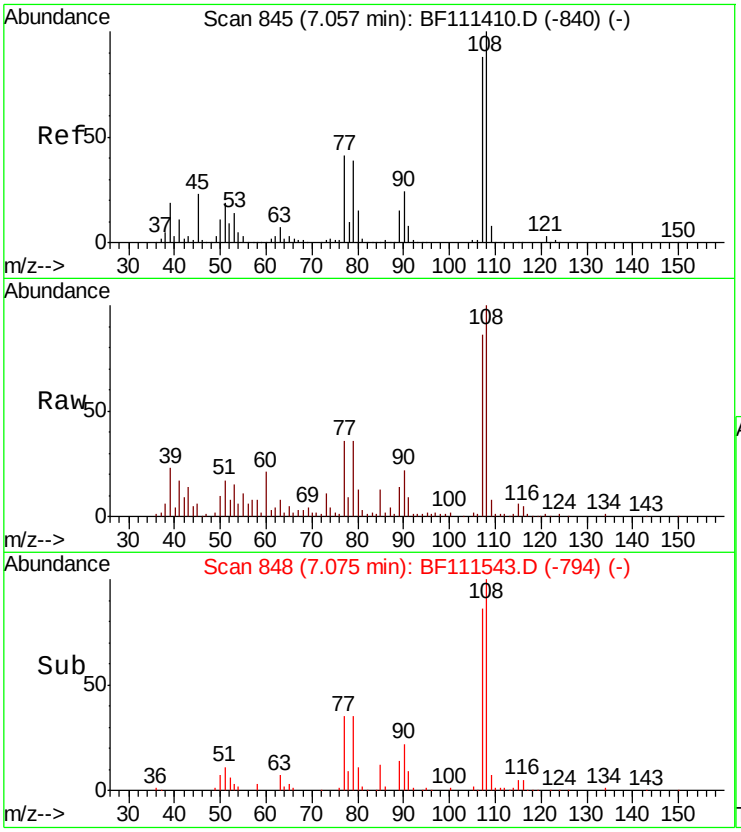


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.854 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.10 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion: 45 Resp: 137304

Ion	Ratio	Lower	Upper
45	100		
77	1.7	0.0	31.5
79	3.0	0.0	28.9



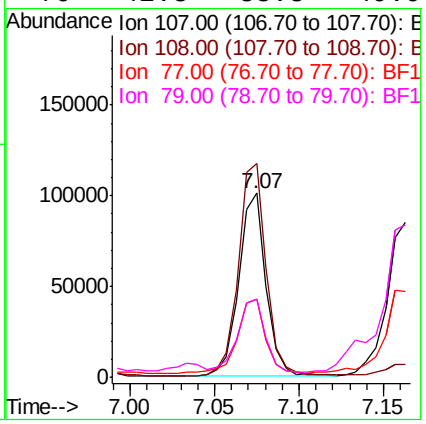


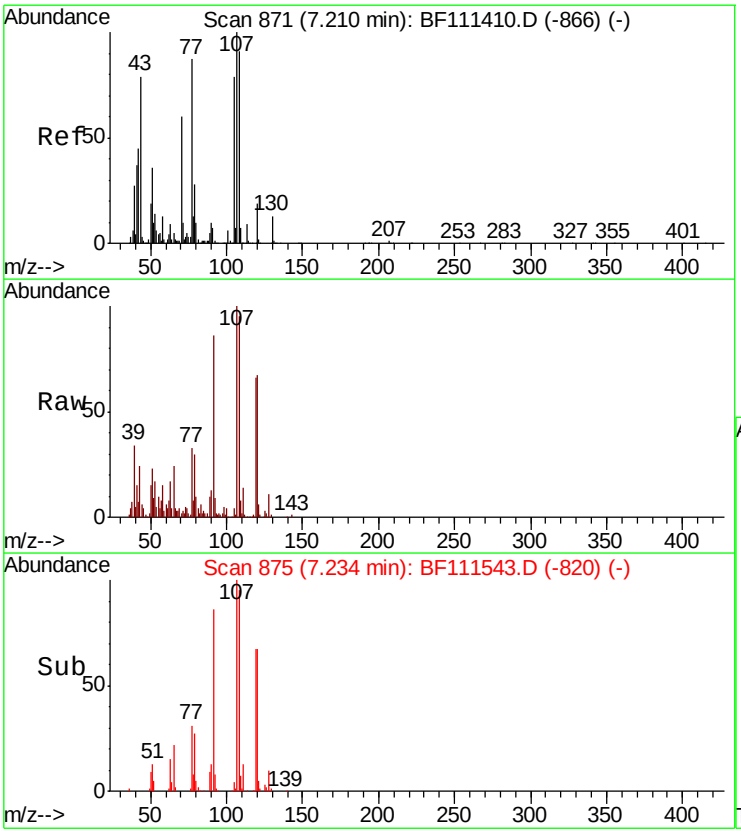
#17
2-Methylphenol
Concen: 11.460 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:107 Resp: 113967

Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.0	136.4
77	42.1	33.5	50.3
79	42.3	33.3	49.9

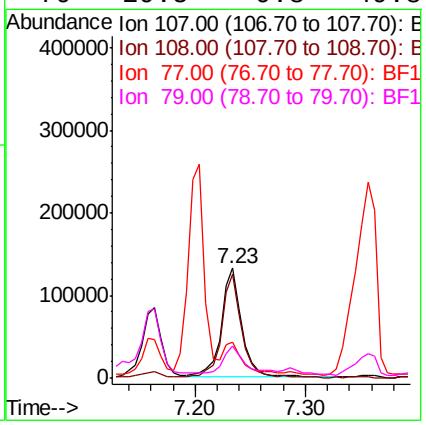


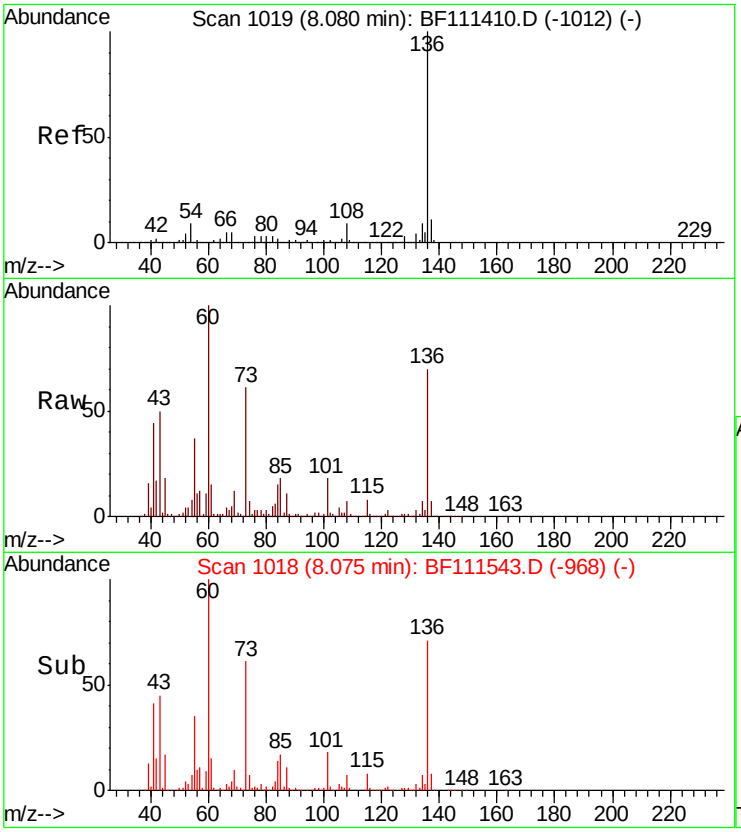


#20
3+4-Methylphenols
Concen: 13.809 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:107 Resp: 172262

Ion	Ratio	Lower	Upper
107	100		
108	94.9	72.1	112.1
77	33.1	94.1	134.1#
79	29.5	9.8	49.8



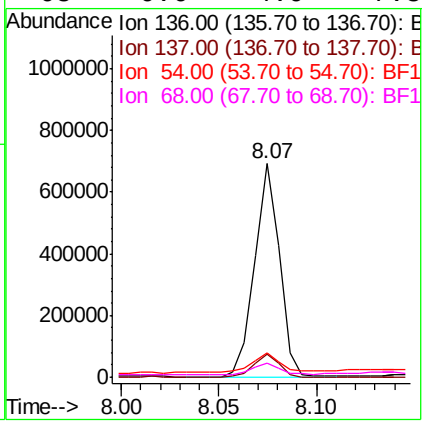


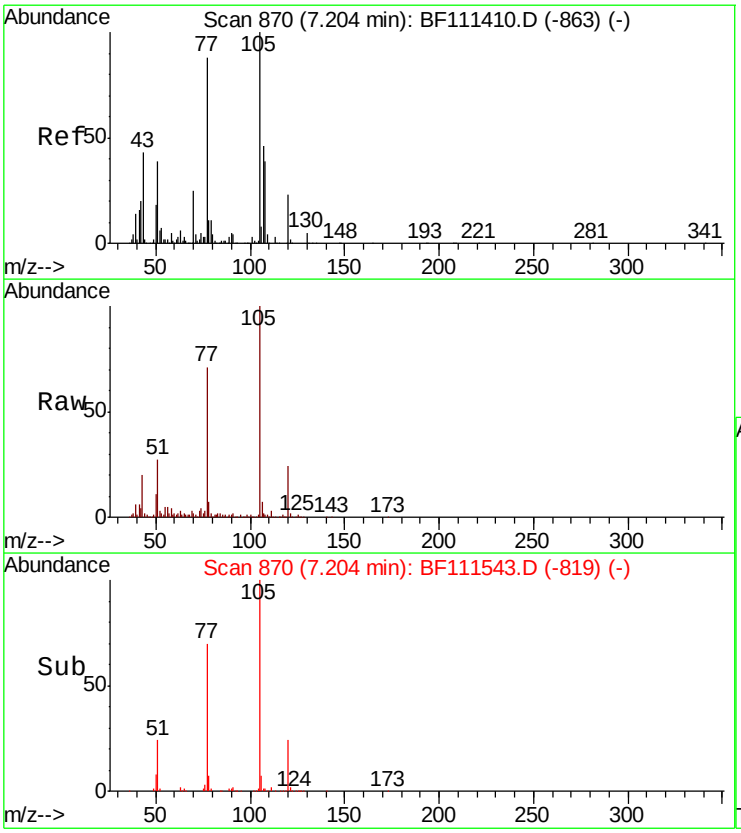
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 613767

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	11.4	7.7	11.5
68	6.6	4.9	7.3

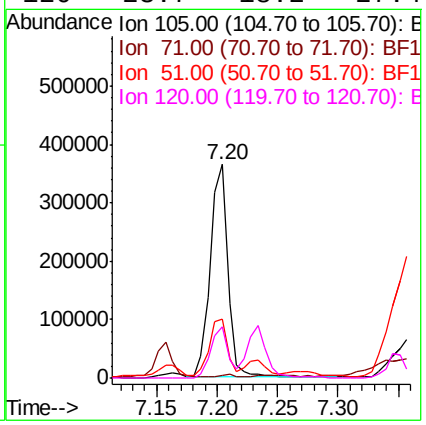


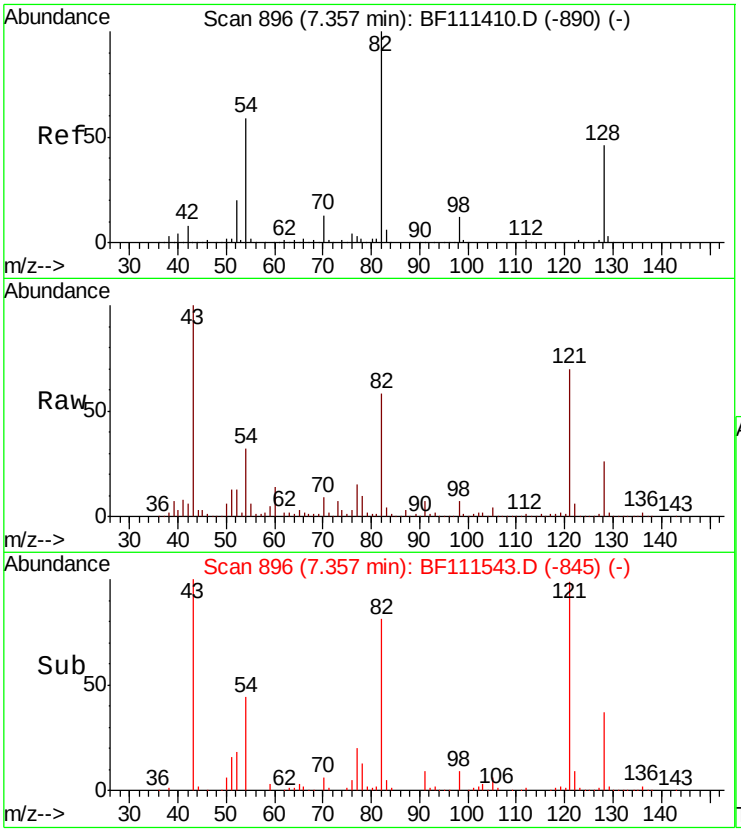


#22
Acetophenone
Concen: 26.612 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:105 Resp: 364617

Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.1	4.7#
51	27.3	36.6	54.8#
120	23.7	18.2	27.4



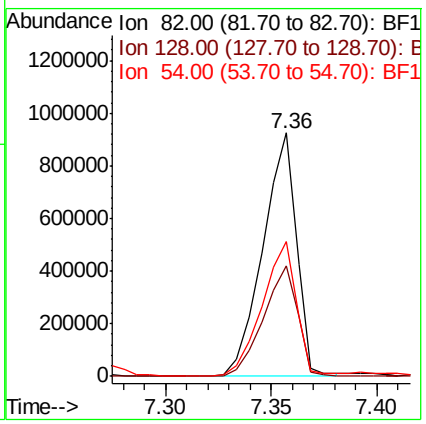


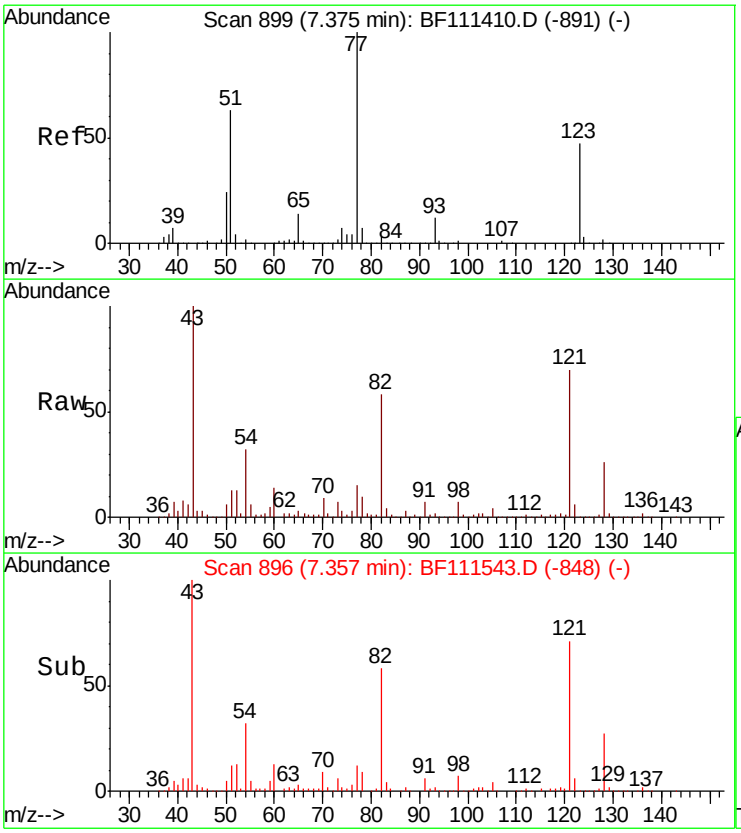
#23
Nitrobenzene-d5
Concen: 98.748 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 1017789

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.4	56.2
54	55.5	47.6	71.4

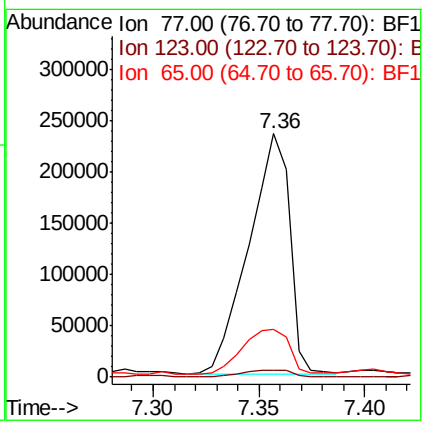


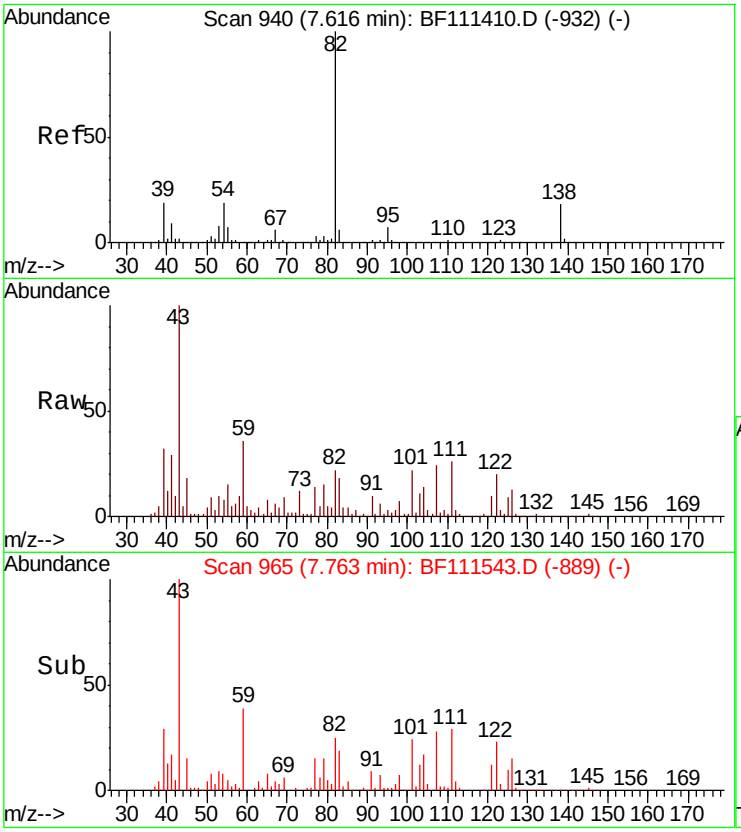


#24
Nitrobenzene
Concen: 29.989 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion: 77 Resp: 315315

Ion	Ratio	Lower	Upper
77	100		
123	2.9	37.2	55.8#
65	19.7	11.5	17.3#



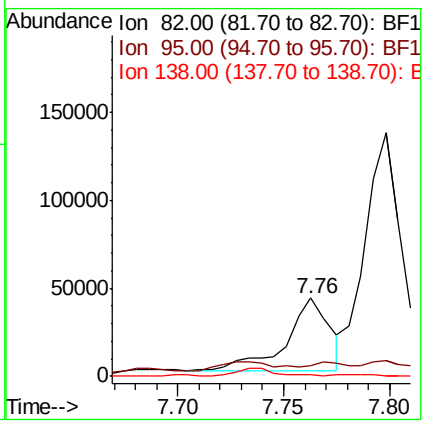


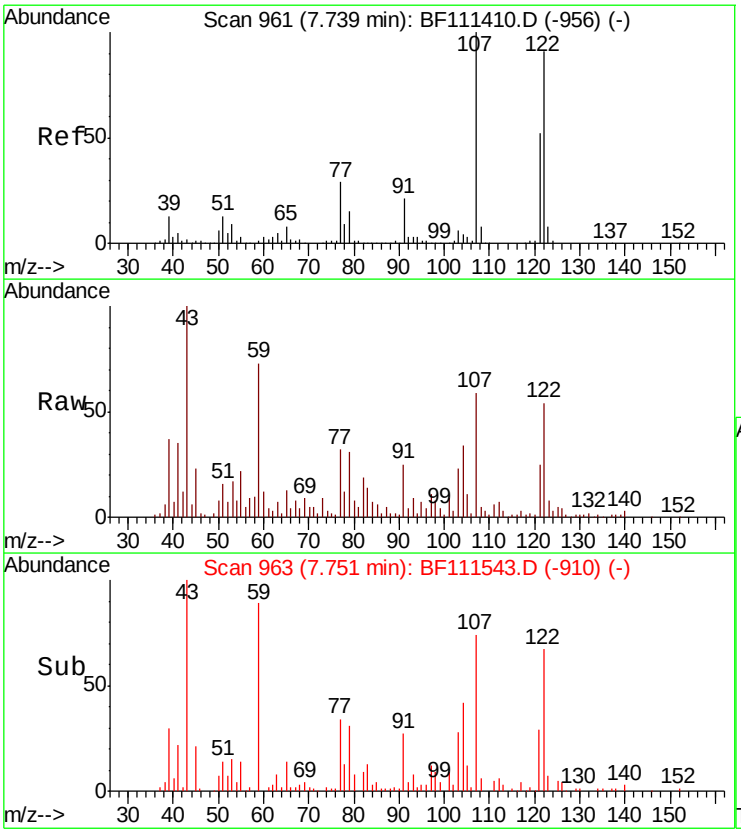
#25
Isophorone
Concen: 3.469 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.15 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 60492

Ion	Ratio	Lower	Upper
82	100		
95	14.0	5.4	8.2#
138	1.8	15.1	22.7#

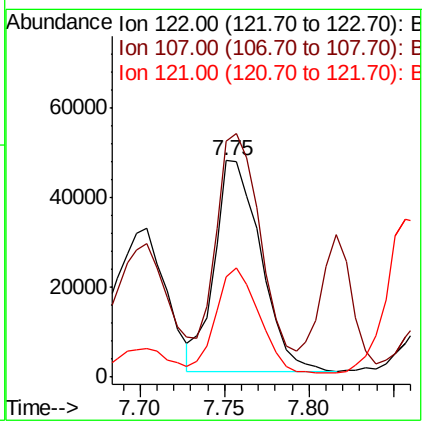


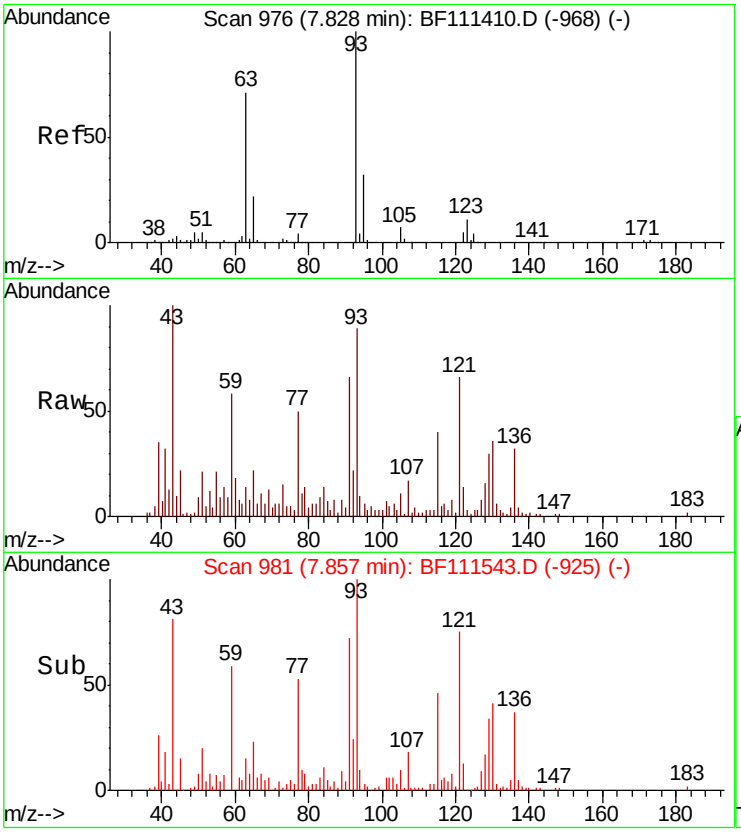


#27
2,4-Dimethylphenol
Concen: 11.480 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:122 Resp: 90746

Ion	Ratio	Lower	Upper
122	100		
107	108.9	85.5	128.3
121	46.5	46.6	70.0#



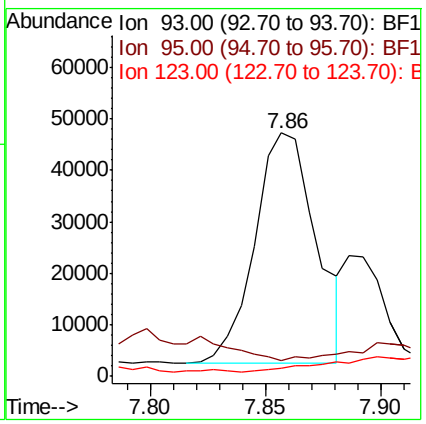


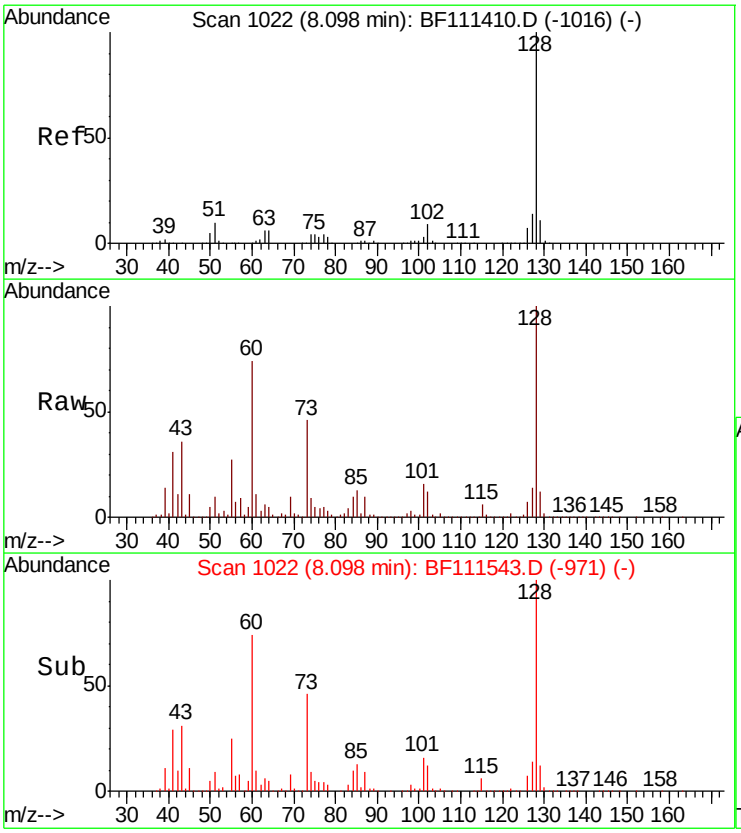
#28
bis(2-Chloroethoxy)methane
Concen: 6.888 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.03 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 93 Resp: 82927

Ion	Ratio	Lower	Upper
93	100		
95	6.6	27.1	40.7#
123	3.3	9.9	14.9#

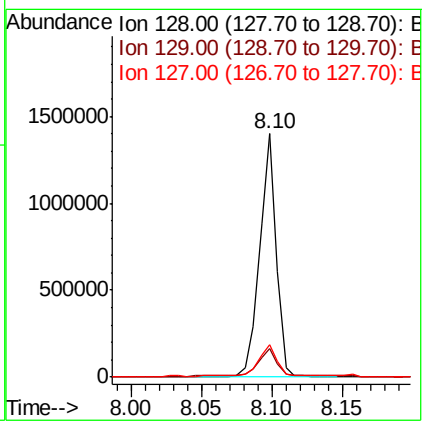


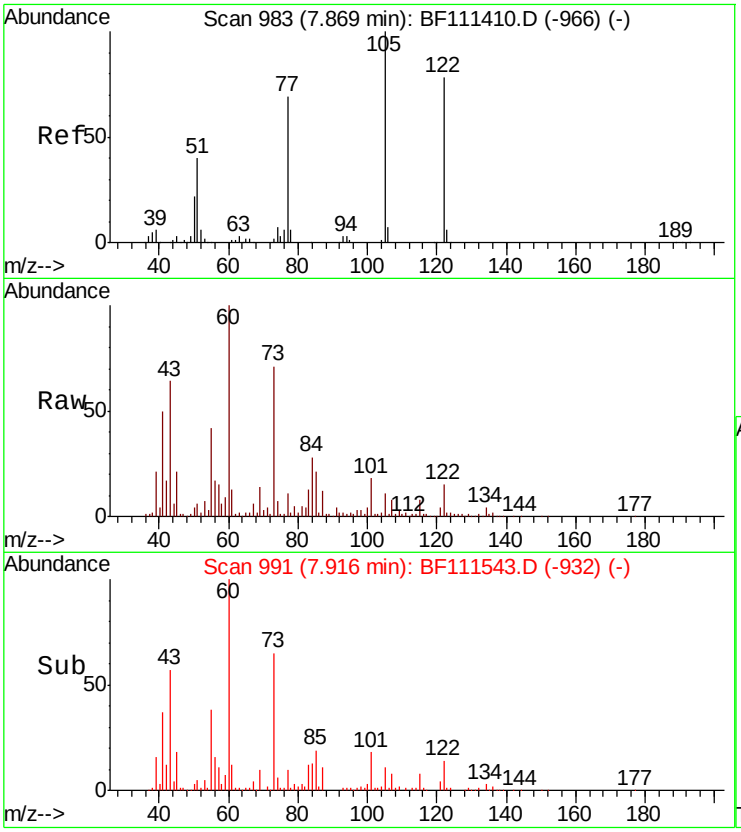


#31
Naphthalene
Concen: 40.877 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:128 Resp: 1173458

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.8
127	13.6	12.0	18.0



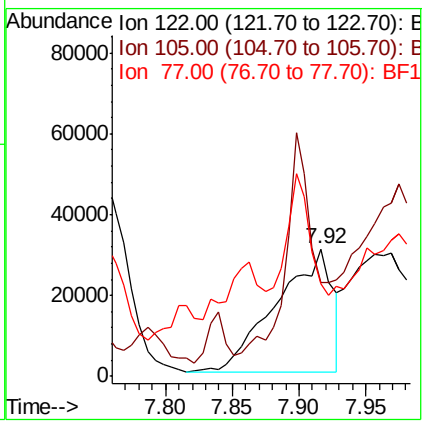


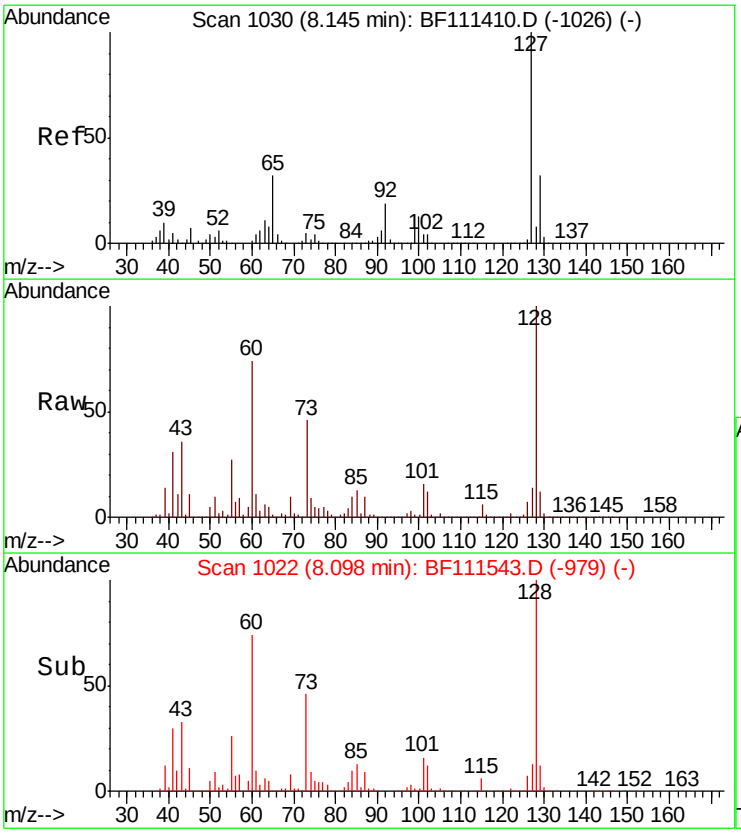
#32
Benzoic acid
Concen: 12.847 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.05 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:122 Resp: 87756

Ion	Ratio	Lower	Upper
122	100		
105	74.3	97.0	137.0#
77	73.0	65.7	105.7

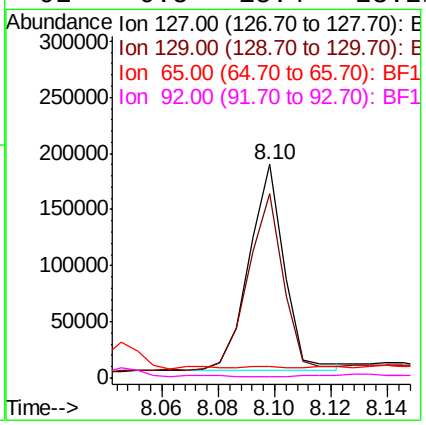


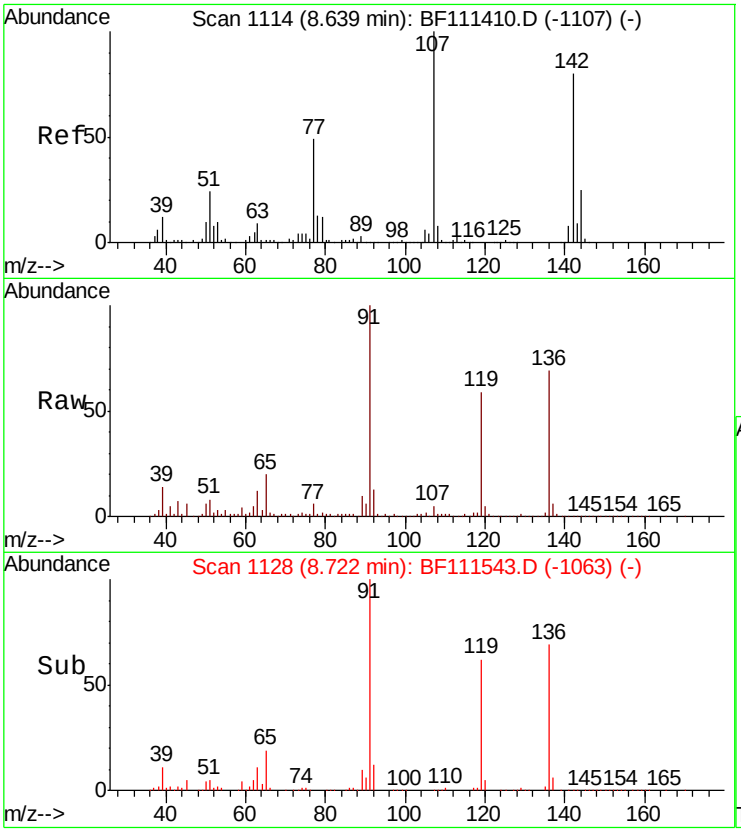


#33
4-Chloroaniline
Concen: 12.313 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:127 Resp: 157174

Ion	Ratio	Lower	Upper
127	100		
129	86.5	26.6	39.8#
65	5.5	25.7	38.5#
92	0.5	15.4	23.2#



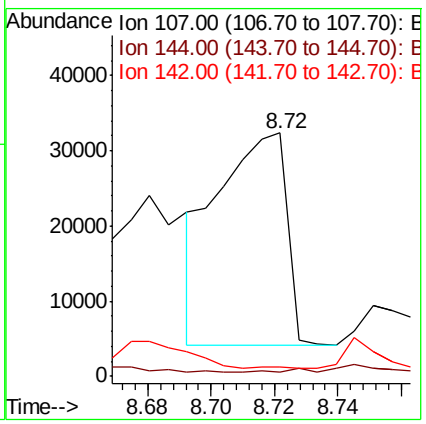


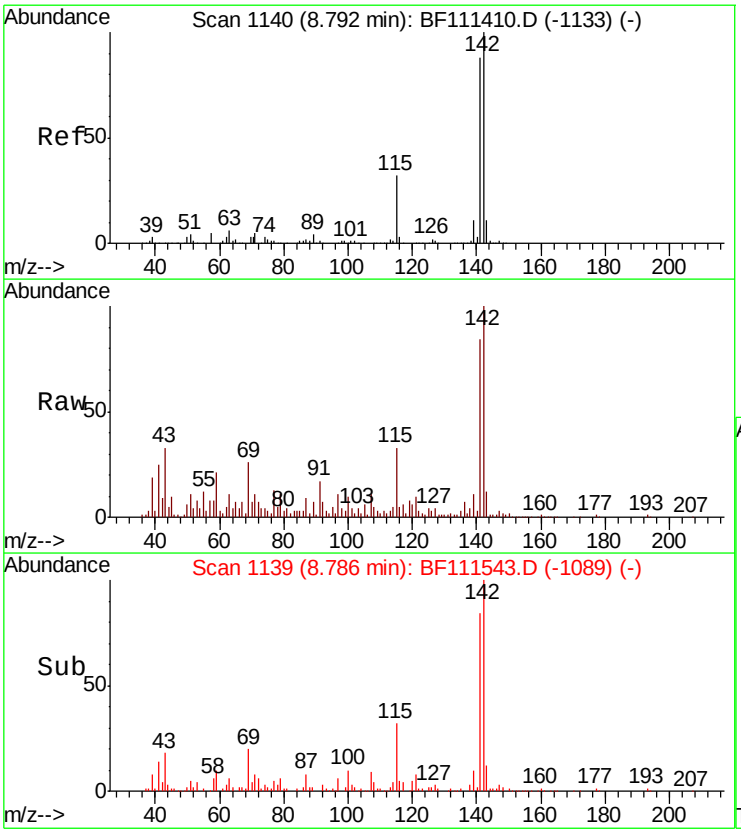
#36
4-Chloro-3-methylphenol
Concen: 4.555 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.08 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:107 Resp: 42307

Ion	Ratio	Lower	Upper
107	100		
144	1.6	19.8	29.6#
142	3.8	62.3	93.5#

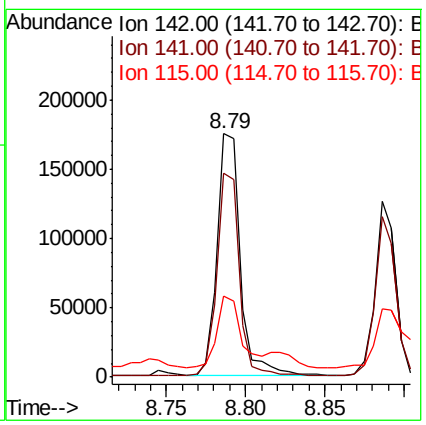


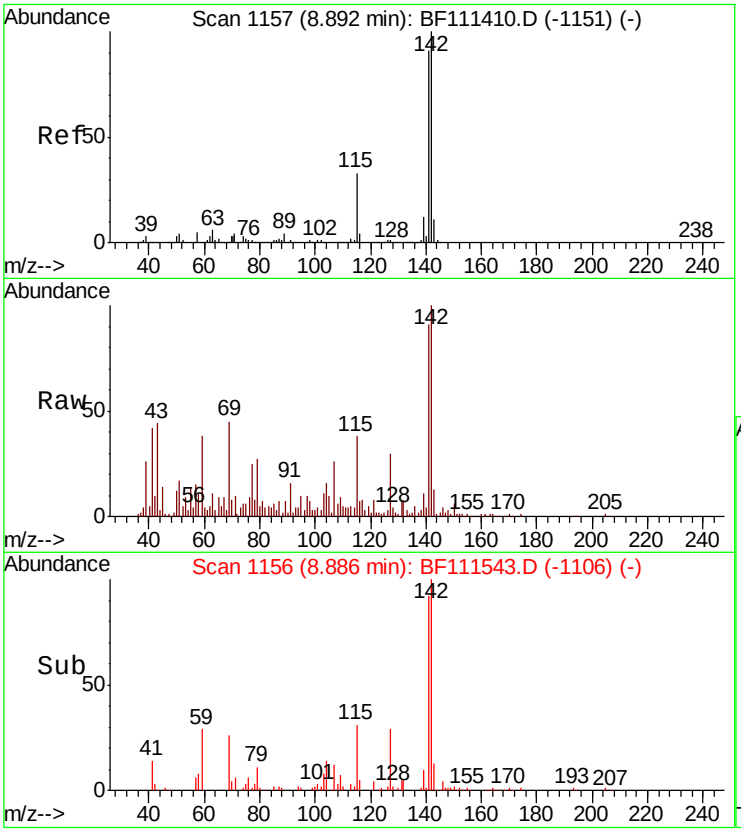


#37
2-Methylnaphthalene
Concen: 9.125 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:142 Resp: 177251

Ion	Ratio	Lower	Upper
142	100		
141	83.5	70.6	105.8
115	33.3	27.0	40.6



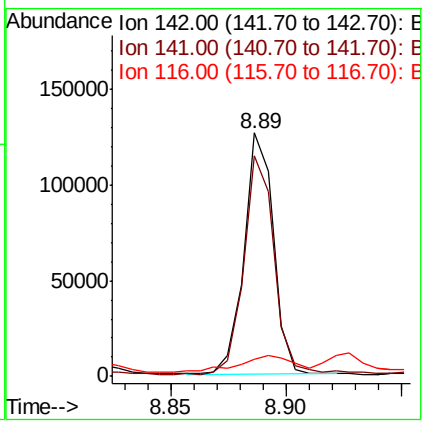


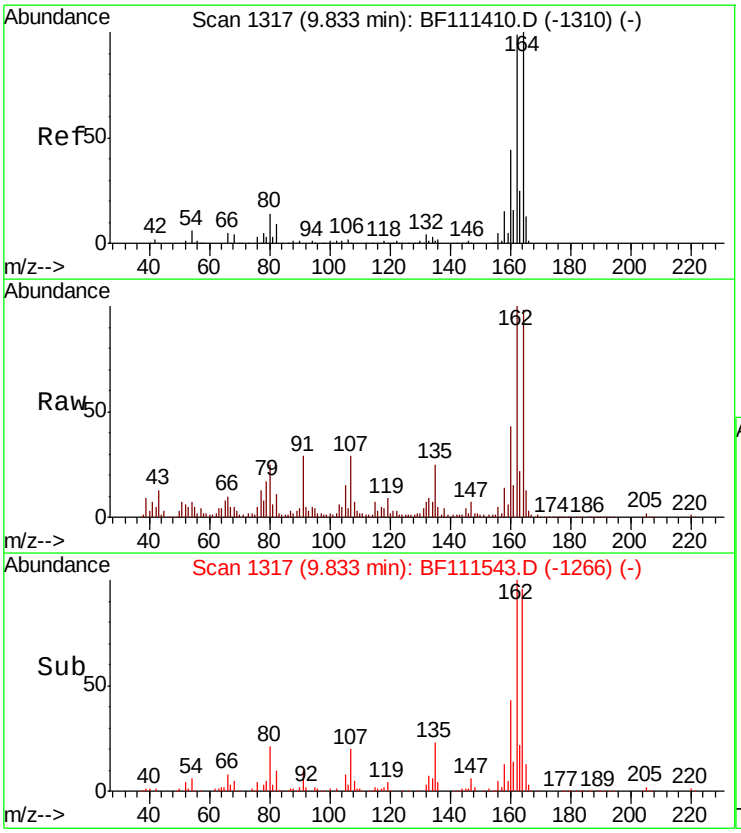
#38
1-Methylnaphthalene
Concen: 5.979 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:142 Resp: 112208

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	7.2	2.9	4.3#

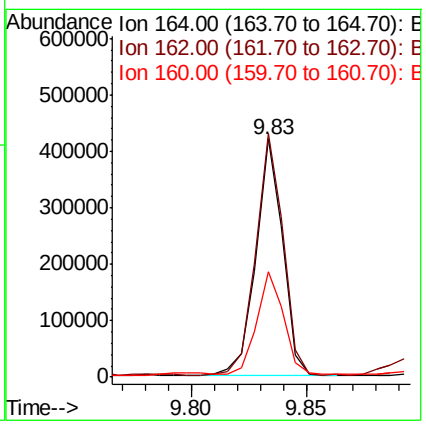


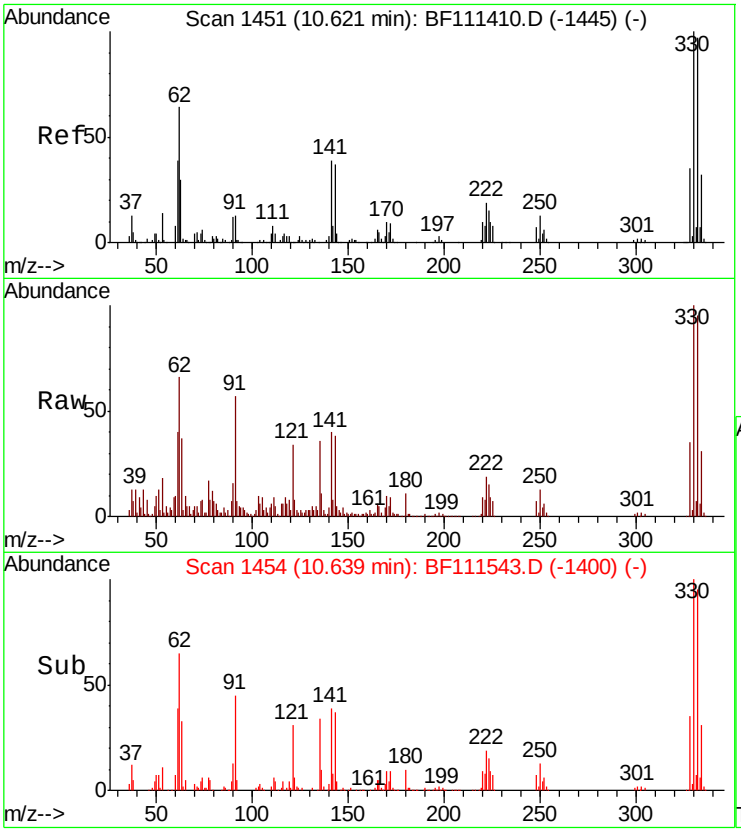


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:164 Resp: 341350

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.3	35.7	53.5



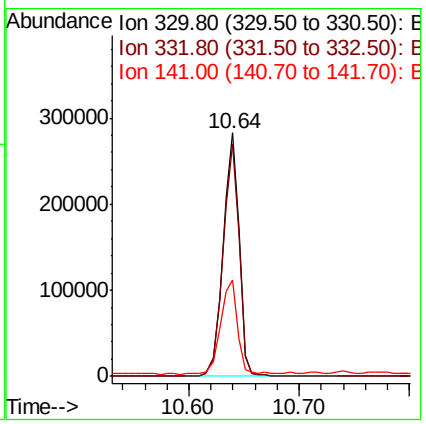


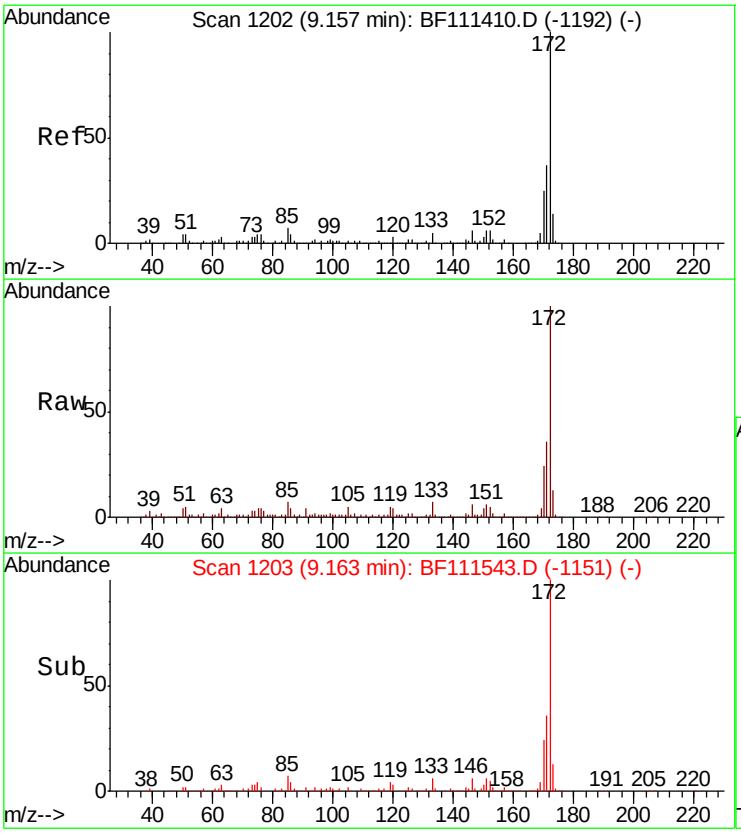
#42
2,4,6-Tribromophenol
Concen: 94.015 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:330 Resp: 287477

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	40.7	31.0	46.6

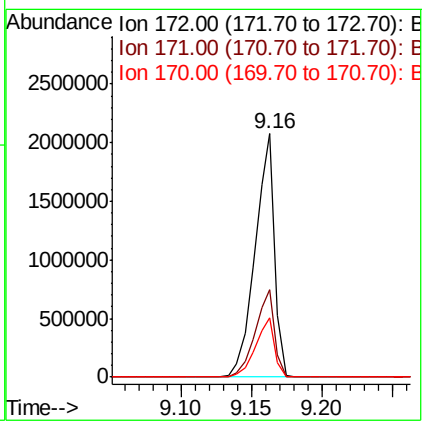


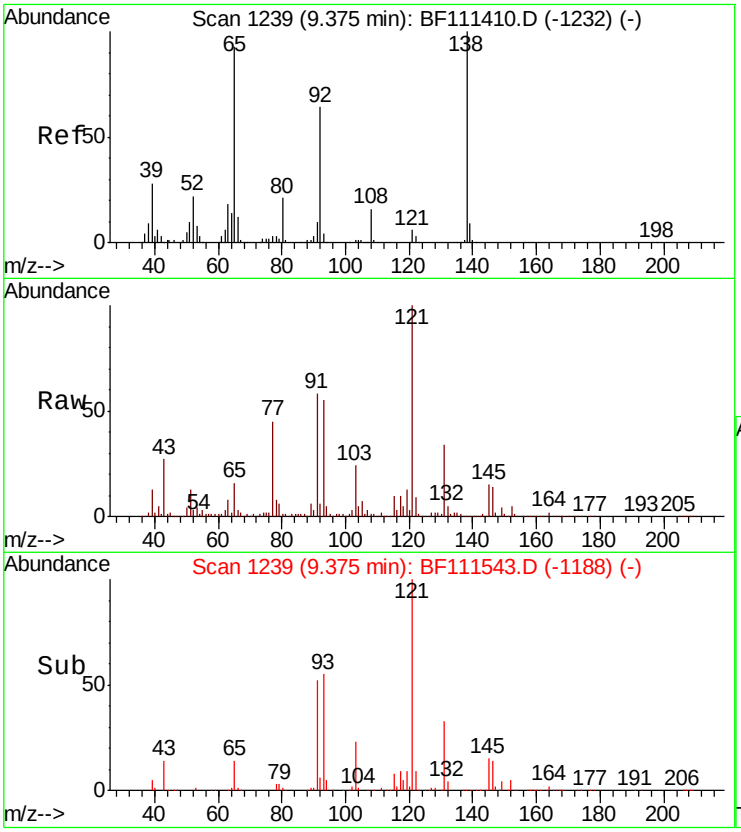


#45
2-Fluorobiphenyl
Concen: 91.339 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:172 Resp: 2018510

Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.4	22.3	33.5



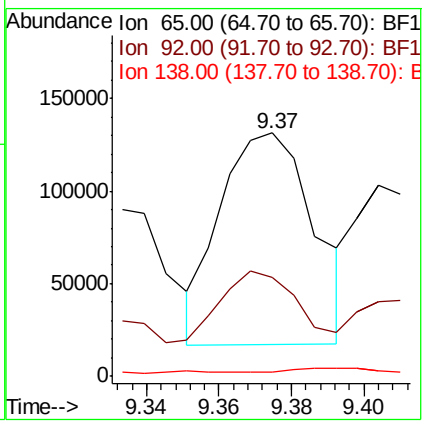


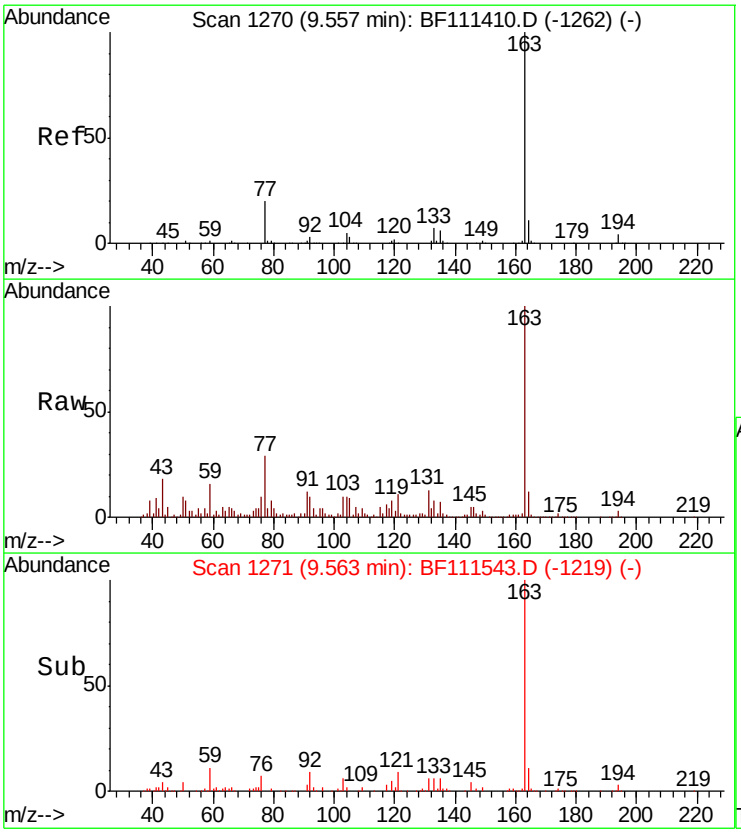
#48
2-Nitroaniline
Concen: 28.698 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion: 65 Resp: 204852

Ion	Ratio	Lower	Upper
65	100		
92	40.8	53.5	80.3#
138	1.9	80.9	121.3#

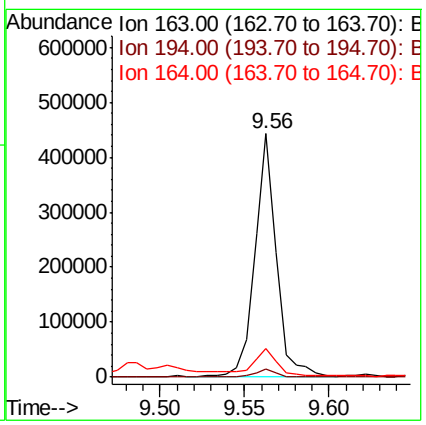


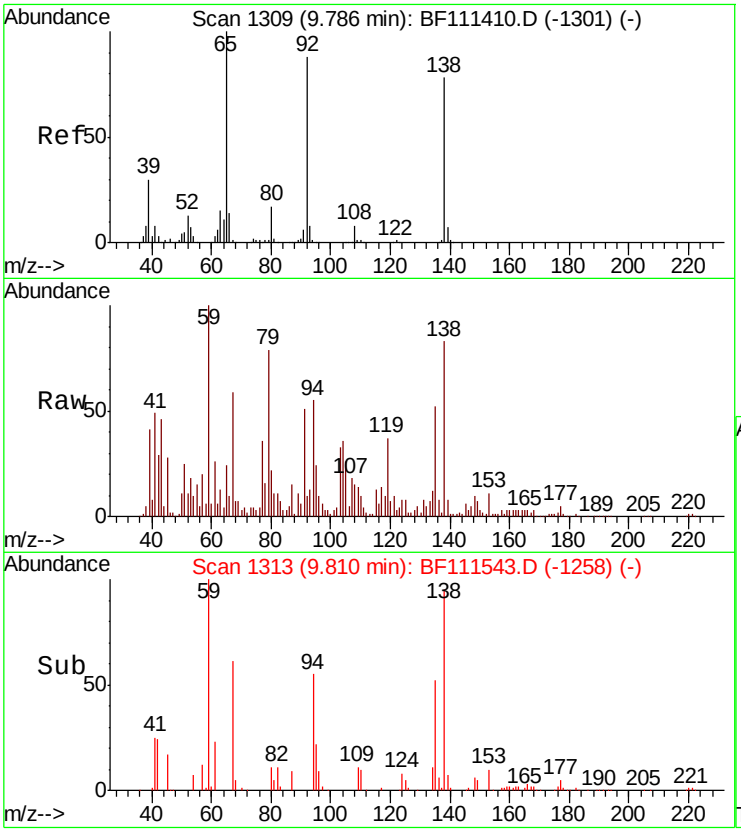


#50
Dimethylphthalate
Concen: 15.781 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:163 Resp: 387953

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	11.8	8.9	13.3



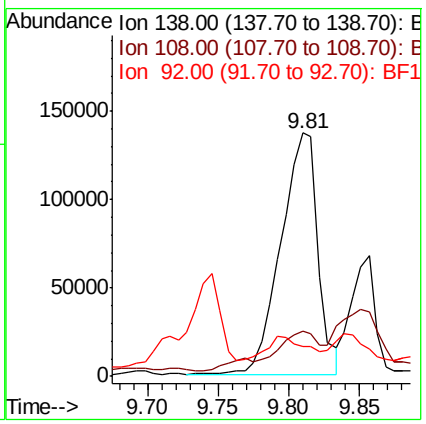


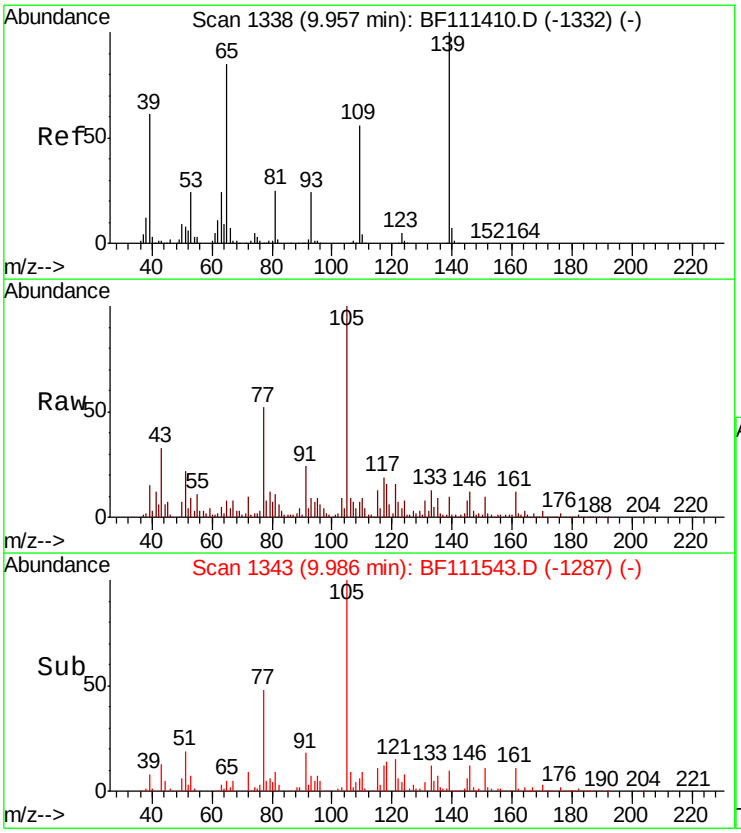
#53
3-Nitroaniline
Concen: 36.782 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:138 Resp: 247220

Ion	Ratio	Lower	Upper
138	100		
108	18.7	8.2	12.4#
92	12.3	93.4	140.2#

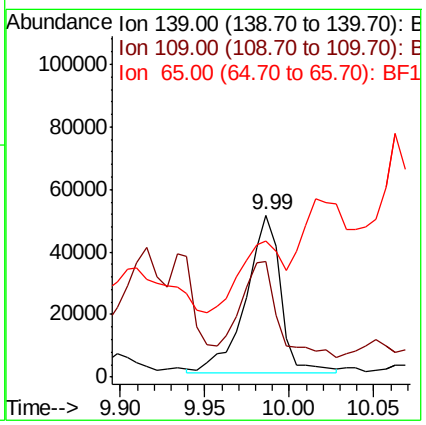


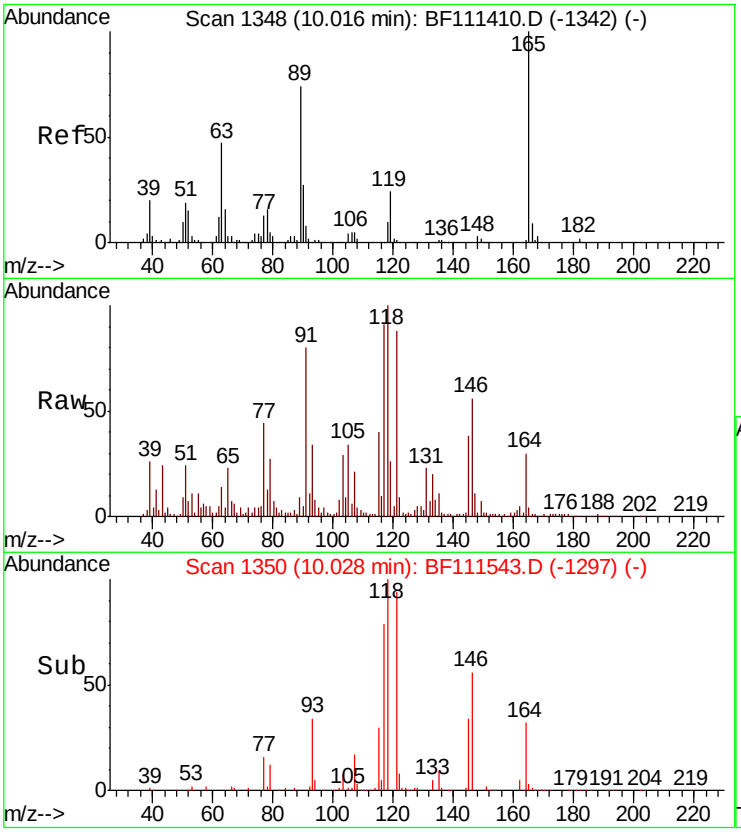


#56
4-Nitrophenol
Concen: 15.479 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.03 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:139 Resp: 71997

Ion	Ratio	Lower	Upper
139	100		
109	71.3	41.8	81.8
65	84.2	79.6	119.6



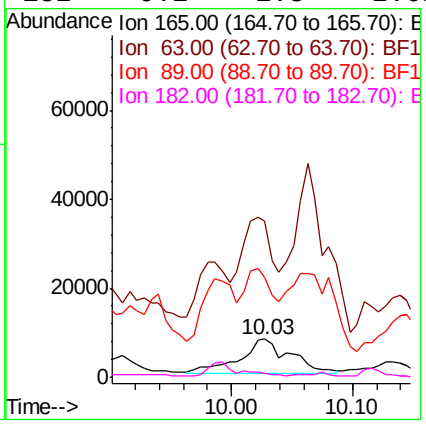


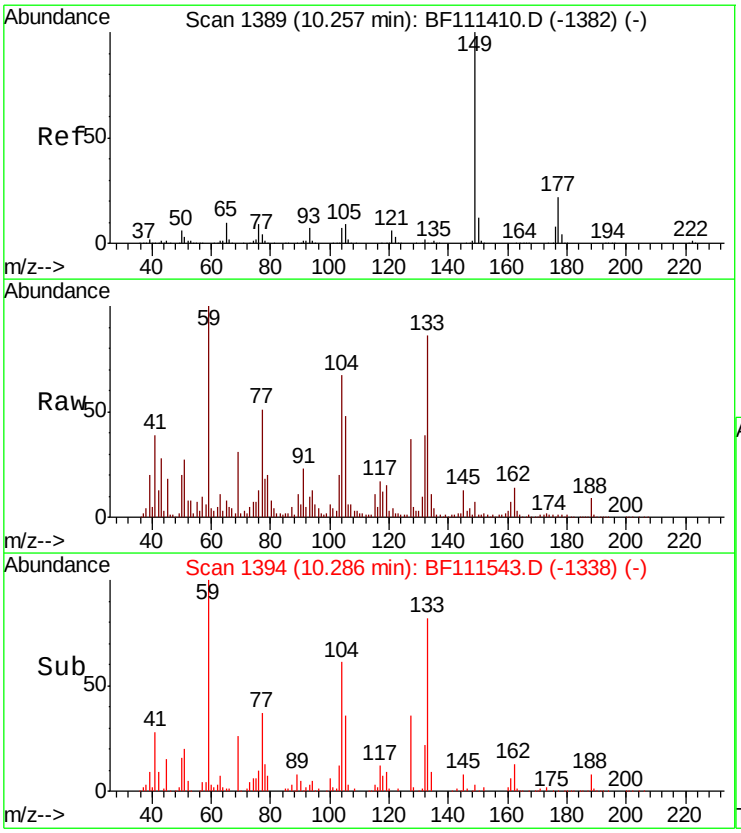
#57
2,4-Dinitrotoluene
Concen: 3.166 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:165 Resp: 22994

Ion	Ratio	Lower	Upper
165	100		
63	410.9	34.6	52.0#
89	265.1	56.2	84.4#
182	9.2	1.8	2.6#

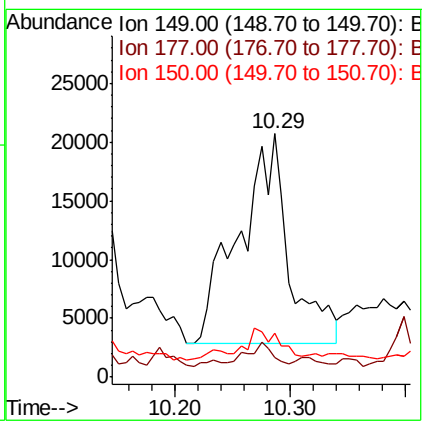


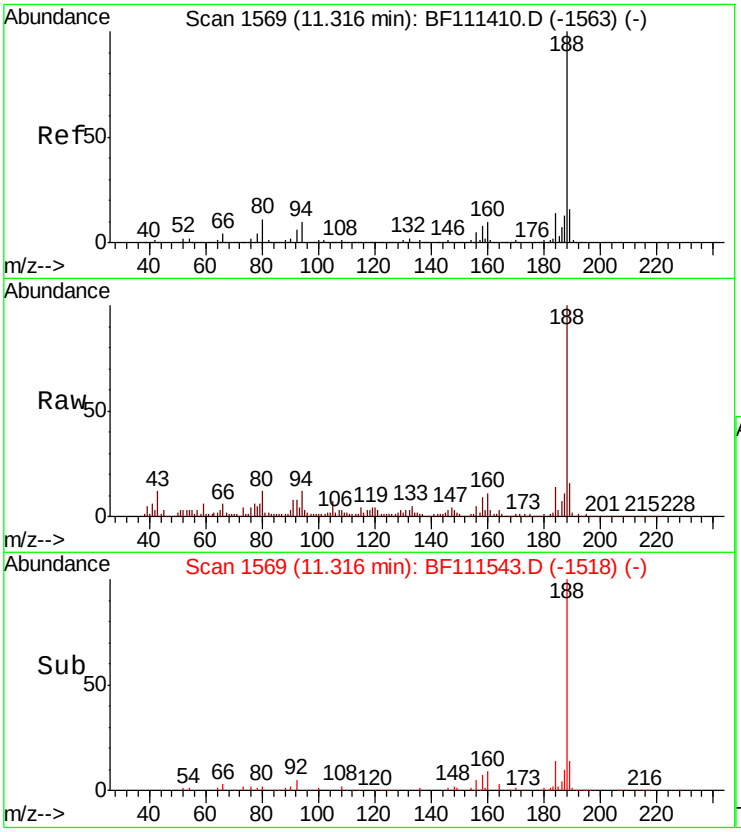


#60
Diethylphthalate
Concen: 2.178 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.03 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:149 Resp: 54237

Ion	Ratio	Lower	Upper
149	100		
177	8.2	18.3	27.5#
150	18.2	10.6	15.8#



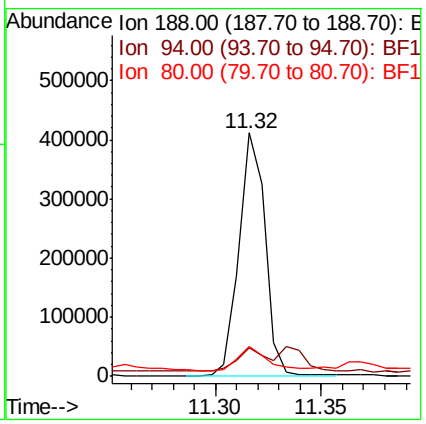


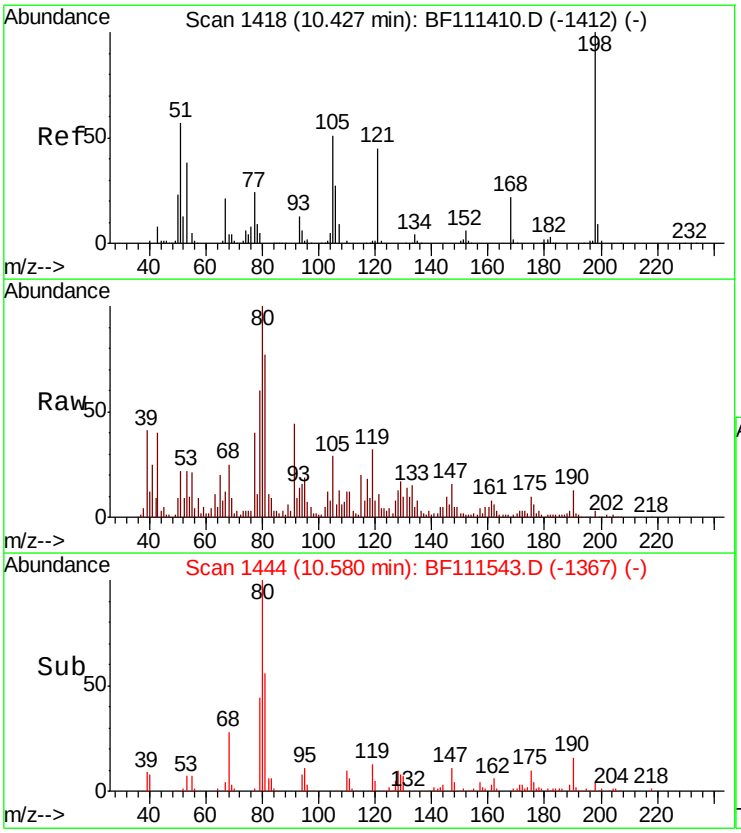
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:188 Resp: 349136

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.6	14.4
80	12.5	9.8	14.6

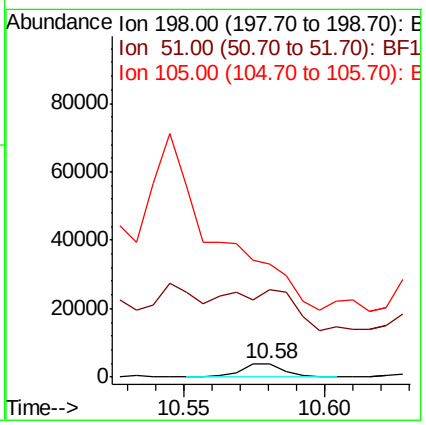


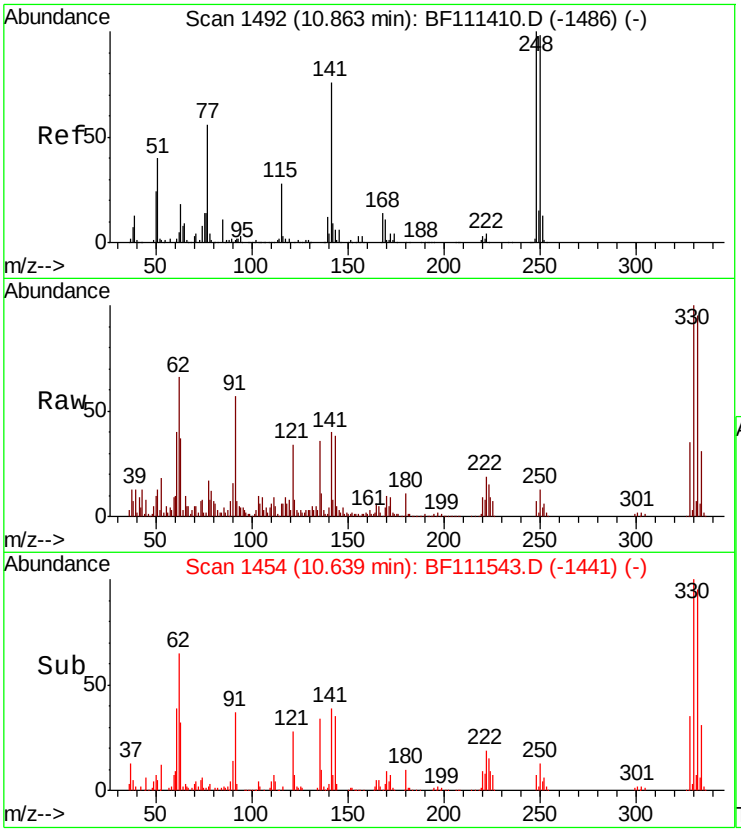


#65
4,6-Dinitro-2-methylphenol
Concen: 2.035 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.15 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:198 Resp: 4011

Ion	Ratio	Lower	Upper
198	100		
51	658.0	48.0	88.0#
105	849.3	34.0	74.0#



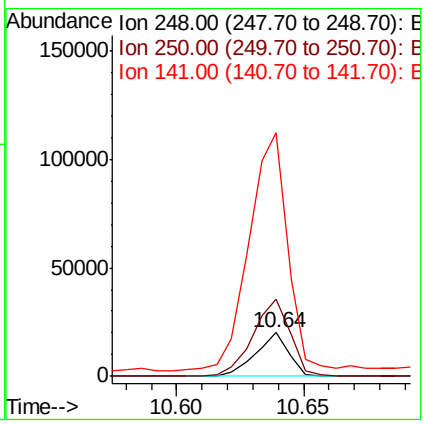


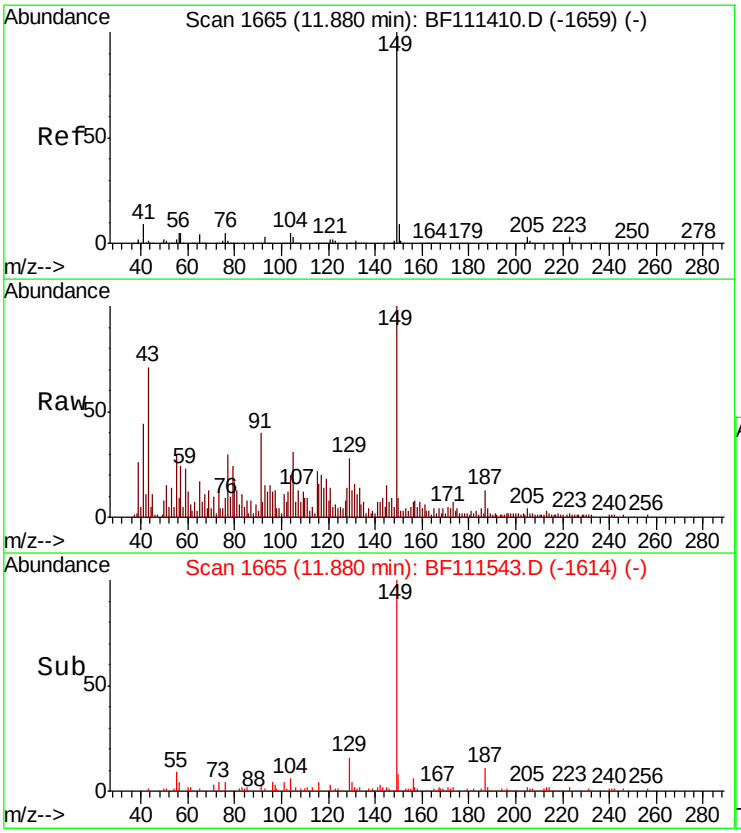
#67
4-Bromophenyl-phenylether
Concen: 4.908 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.22 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:248 Resp: 18469

Ion	Ratio	Lower	Upper
248	100		
250	176.4	77.0	115.4#
141	559.2	63.0	94.6#

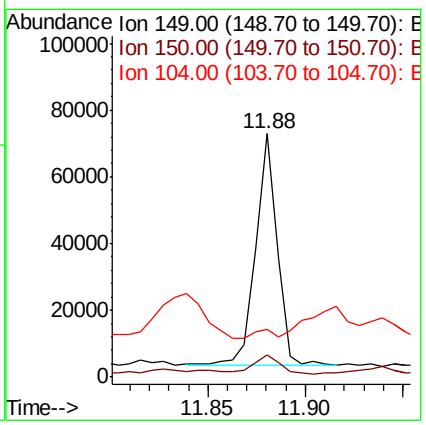


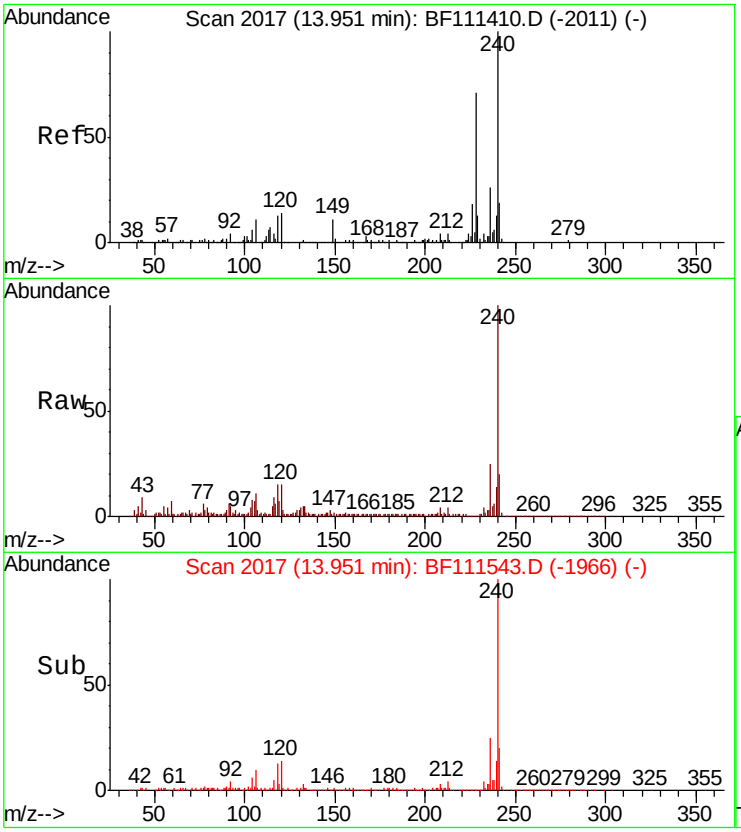


#74
Di-n-butylphthalate
Concen: 2.527 ng
RT: 11.88 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:149 Resp: 53538

Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.8	13.2
104	19.7	4.5	6.7#



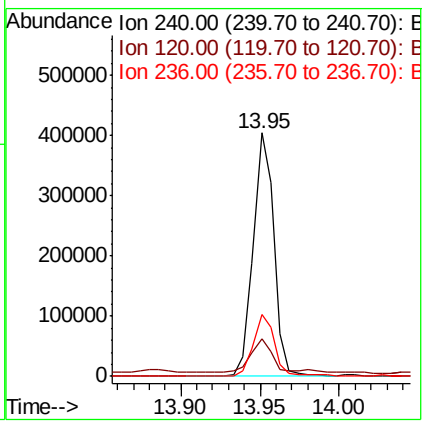


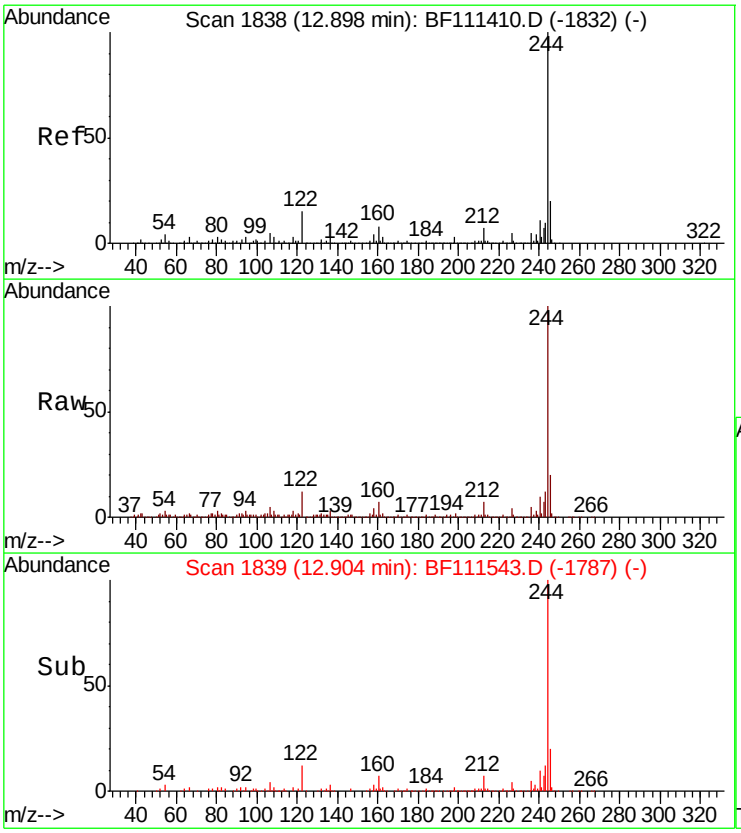
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:240 Resp: 366610

Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.2	18.2
236	25.2	20.2	30.2

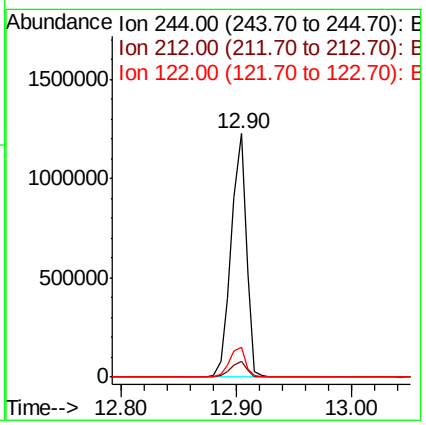


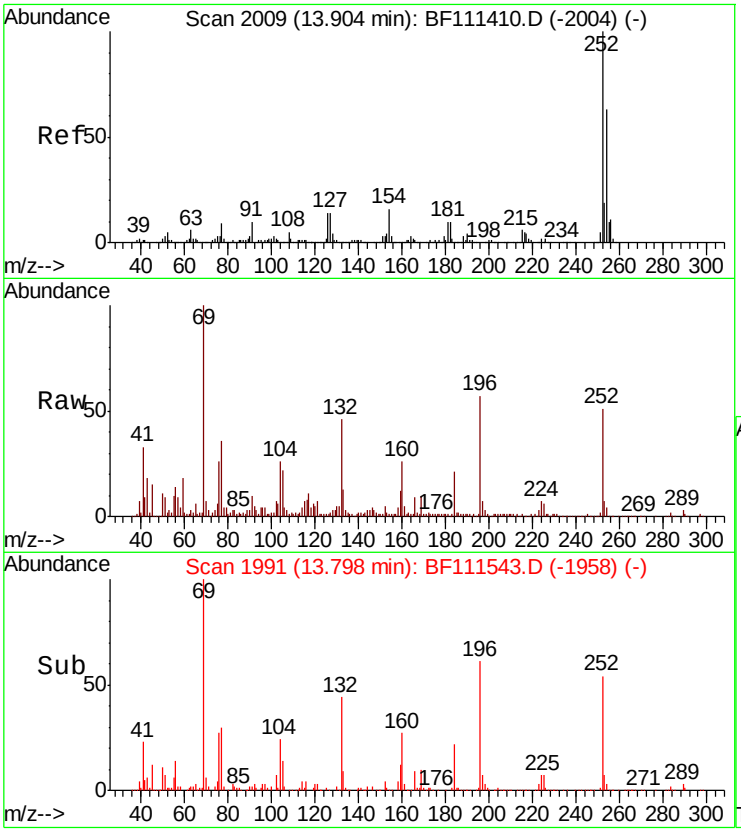


#79
Terphenyl-d14
Concen: 72.198 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:244 Resp: 1127169

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	12.0	13.1	19.7#



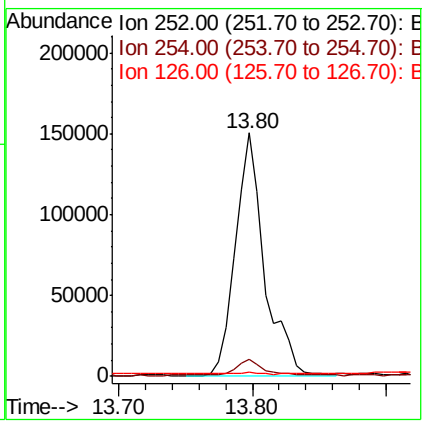


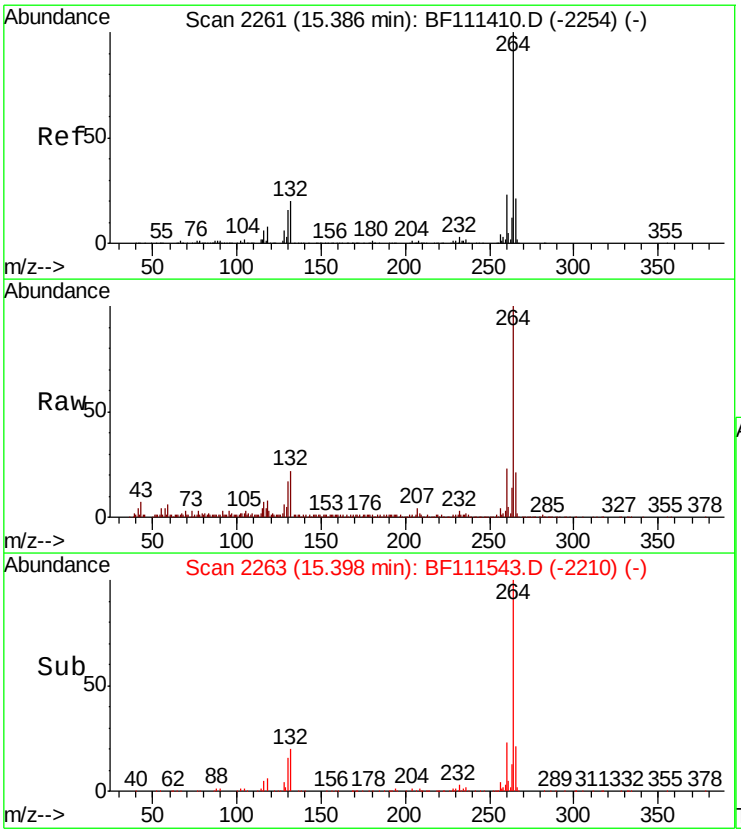
#82
3,3'-Dichlorobenzidine
Concen: 27.953 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.11 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:252 Resp: 226525

Ion	Ratio	Lower	Upper
252	100		
254	6.9	52.7	79.1#
126	1.6	11.1	16.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111543.D
Acq: 17 Dec 2018 17:13

Tgt Ion:264 Resp: 391661

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.2	17.7	26.5