Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 08 04:05:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	139094	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	496695	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	183488	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	330631	20.00	ng	0.00
76) Chrysene-d12	14.05	240	349437	20.00	ng	0.00
87) Perylene-d12	15.53	264	428452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	547316	67.32	ng	0.00
7) Phenol-d6	6.53	99	452563	43.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	824011	88.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	319119	133.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1292070	102.68	ng	0.00
79) Terphenyl-d14	13.00	244	1193815	64.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	11565	3.253	ng	# 79
9) Benzaldehyde	6.53	77	1196	Below Cal		# 1
10) Phenol	6.54	94	37554	3.297	ng	# 75
17) 2-Methylphenol	7.15	107	15223	2.098	ng	94
20) 3+4-Methylphenols	7.30	107	123420	13.667	ng	# 67
25) Isophorone	7.45	82	813801	54.076	ng	# 65
27) 2,4-Dimethylphenol	7.84	122	31711	4.738	ng	93
32) Benzoic acid	7.96	122	421337	97.008	ng	# 11
36) 4-Chloro-3-methylphenol	8.75	107	27972	3.655	ng	# 19
48) 2-Nitroaniline	9.48	65	9096	2.470	ng	# 72
51) 2,6-Dinitrotoluene	9.69	165	18884	6.127	ng	# 30
66) n-Nitrosodiphenylamine	10.58	169	77858	7.017	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111884.D
Acq On : 7 Jan 2019 18:48
Operator : JU/SJ
Sample : K1059-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 08 04:05:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
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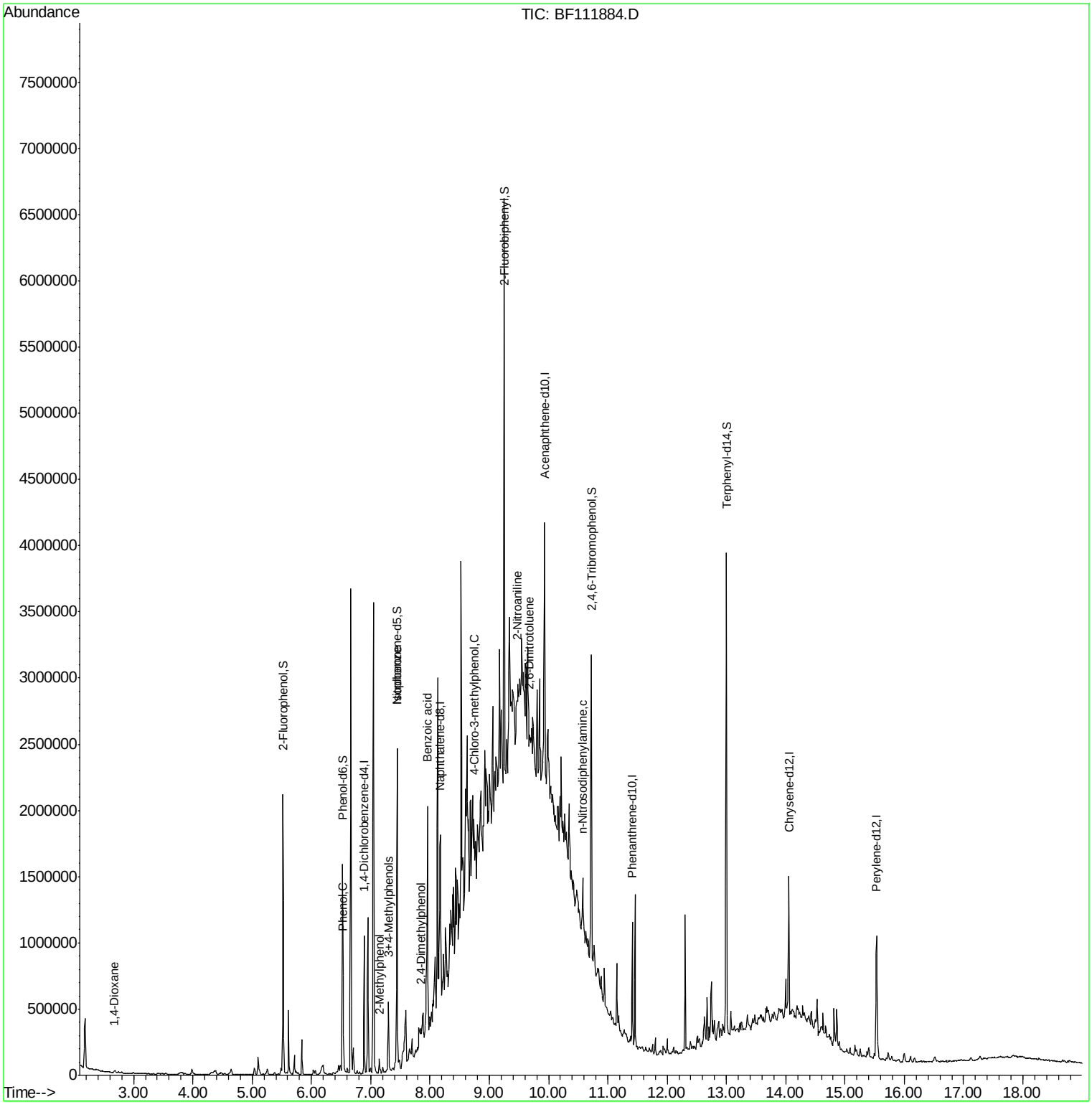
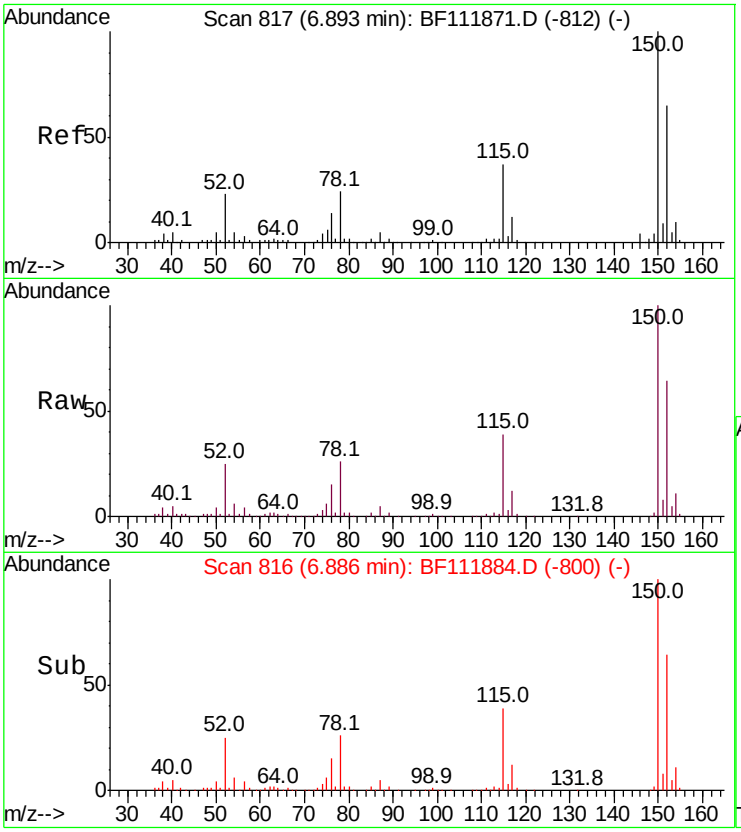


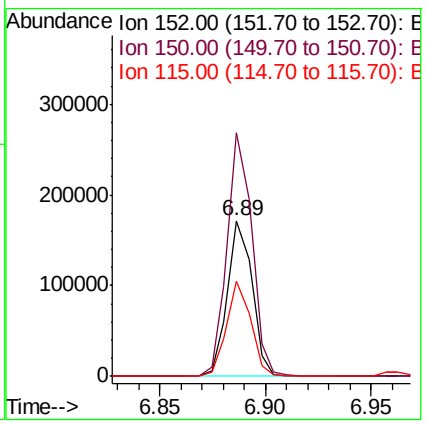


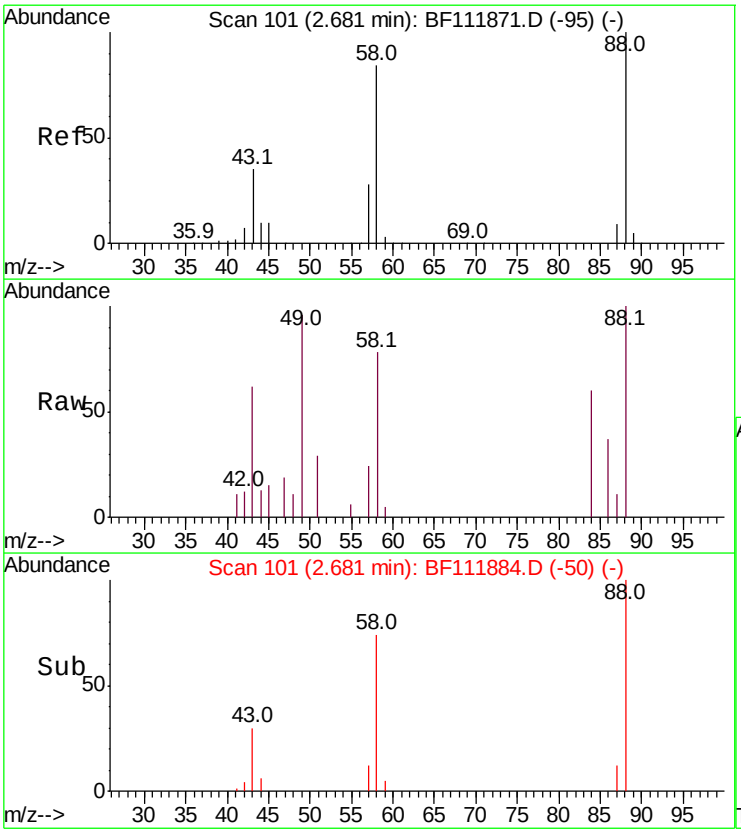
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139094

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	60.8	45.2	67.8

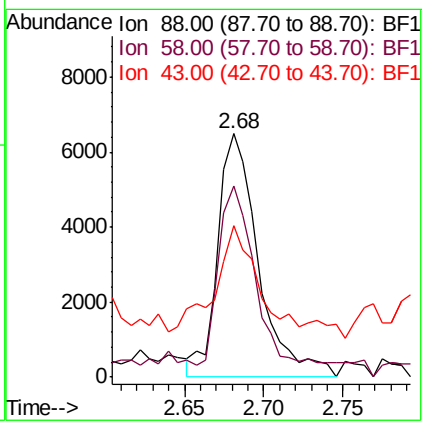


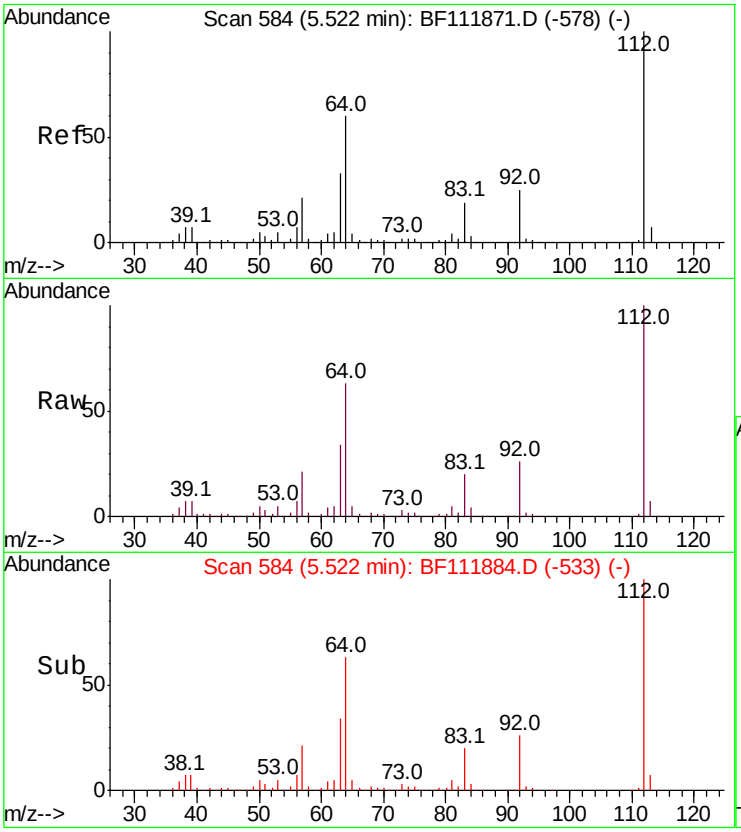


#2
1,4-Dioxane
Concen: 3.253 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion: 88 Resp: 11565

Ion	Ratio	Lower	Upper
88	100		
58	62.9	67.6	101.4#
43	44.7	29.0	43.6#



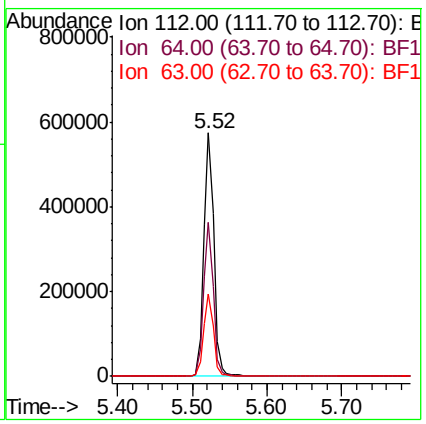


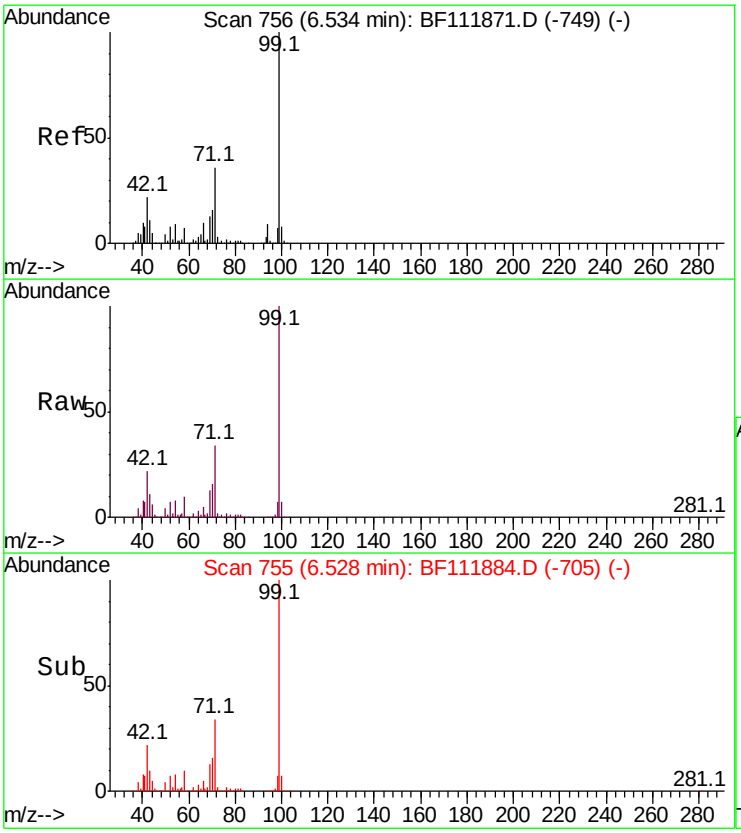
#5
2-Fluorophenol
Concen: 67.318 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 547316

Ion	Ratio	Lower	Upper
112	100		
64	63.2	48.3	72.5
63	33.7	26.1	39.1

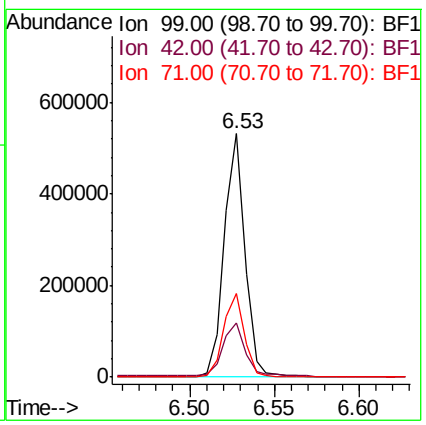


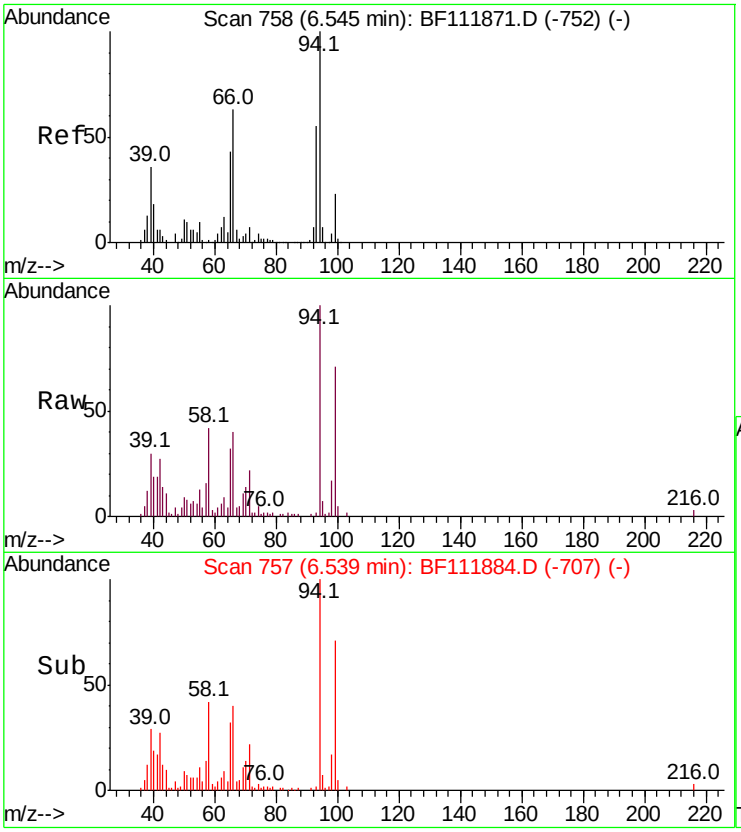


#7
Phenol-d6
Concen: 43.188 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion: 99 Resp: 452563

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.9	26.9
71	34.4	28.7	43.1



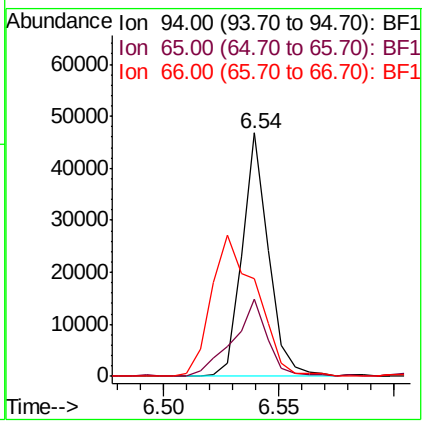


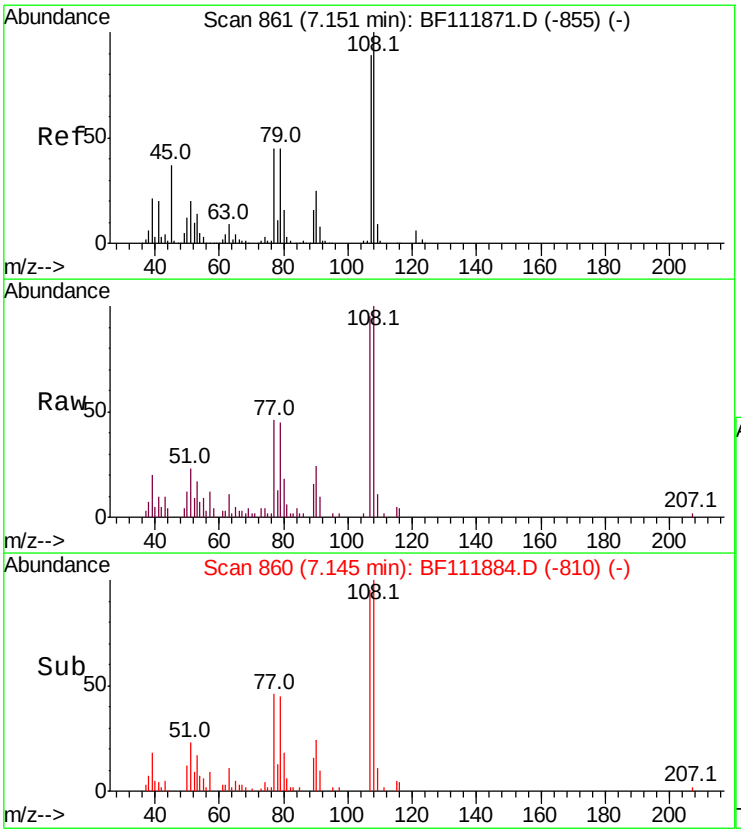
#10
Phenol
Concen: 3.297 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 37554

Ion	Ratio	Lower	Upper
94	100		
65	31.8	22.8	62.8
66	40.3	43.3	83.3#

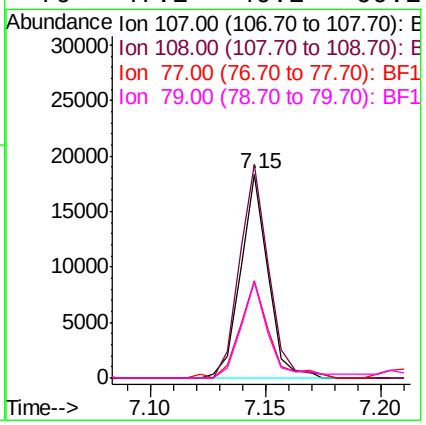


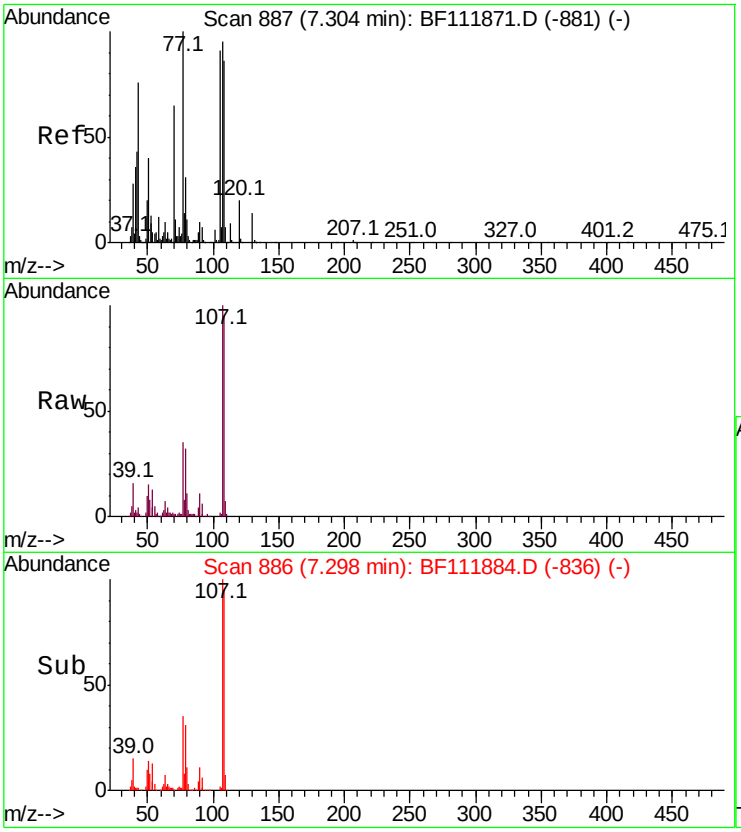


#17
2-Methylphenol
Concen: 2.098 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:107 Resp: 15223

Ion	Ratio	Lower	Upper
107	100		
108	104.8	89.7	134.5
77	47.9	40.6	60.8
79	47.2	40.2	60.2



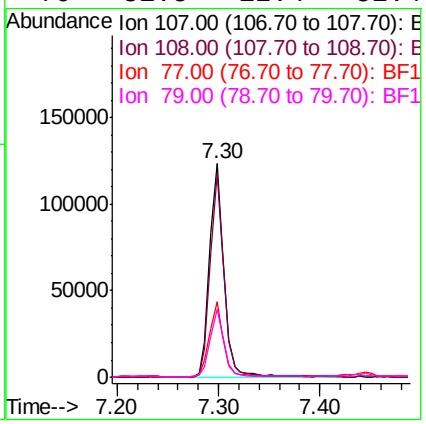


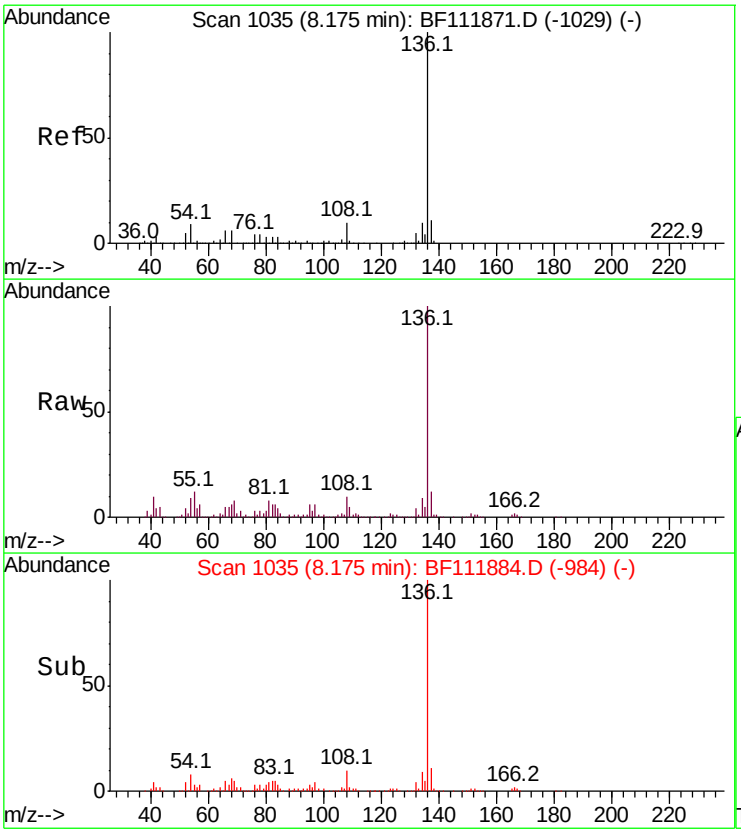
#20
3+4-Methylphenols
Concen: 13.667 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 123420

Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.1	111.1
77	35.4	85.4	125.4#
79	31.5	12.4	52.4

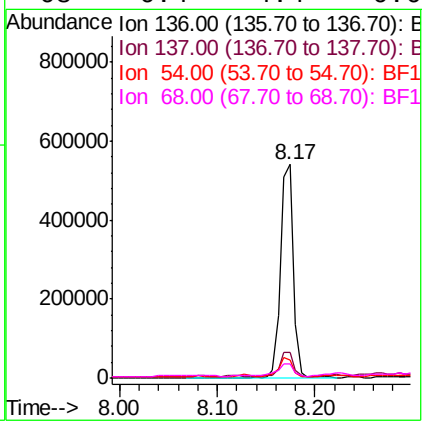


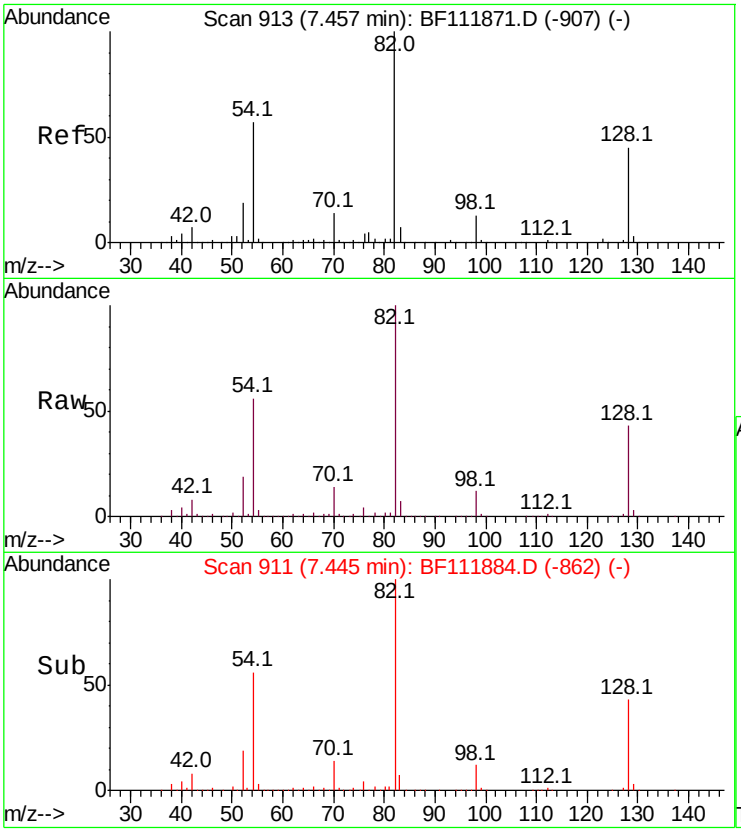


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:136 Resp: 496695

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.6	7.2	10.8
68	6.4	4.4	6.6



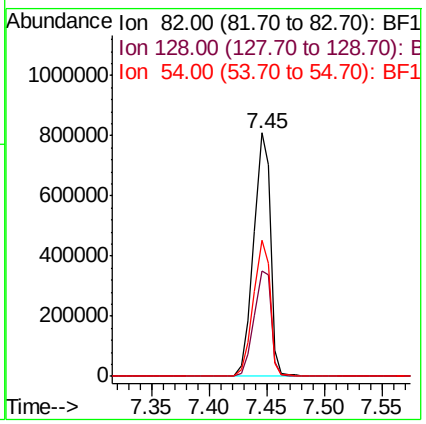


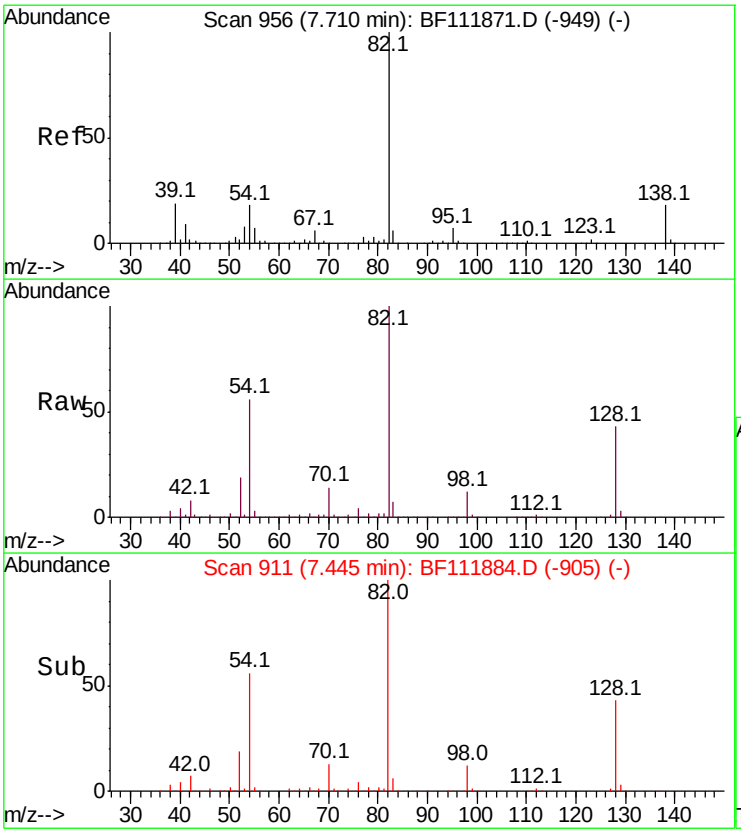
#23
Nitrobenzene-d5
Concen: 88.665 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 824011

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	56.1	45.8	68.8

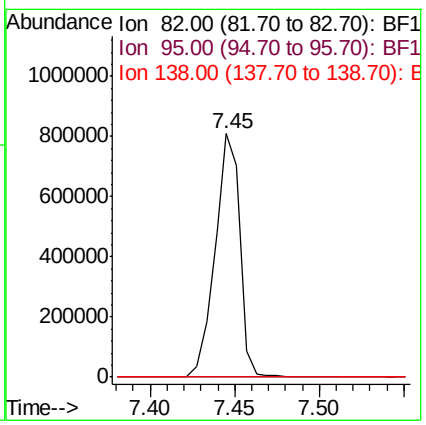


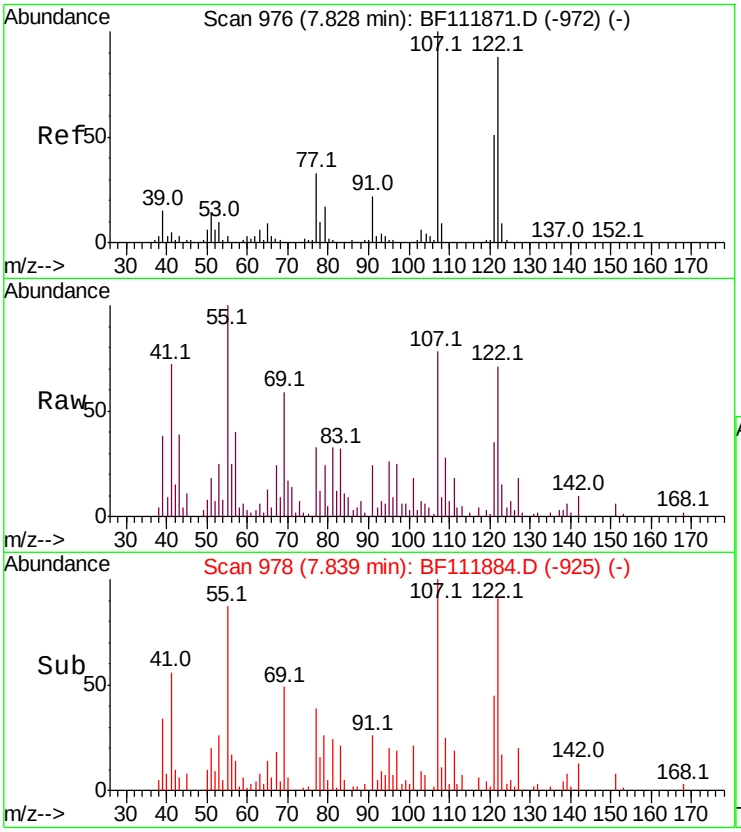


#25
Isophorone
Concen: 54.076 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion: 82 Resp: 813801

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.8	8.6#
138	0.0	14.4	21.6#



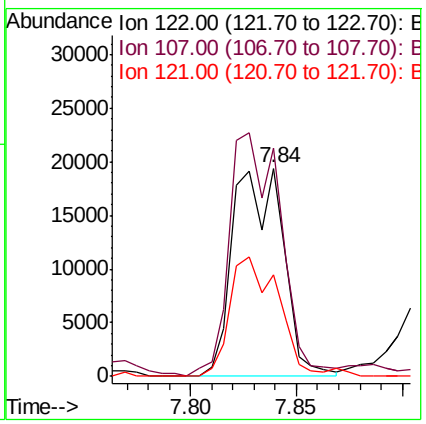


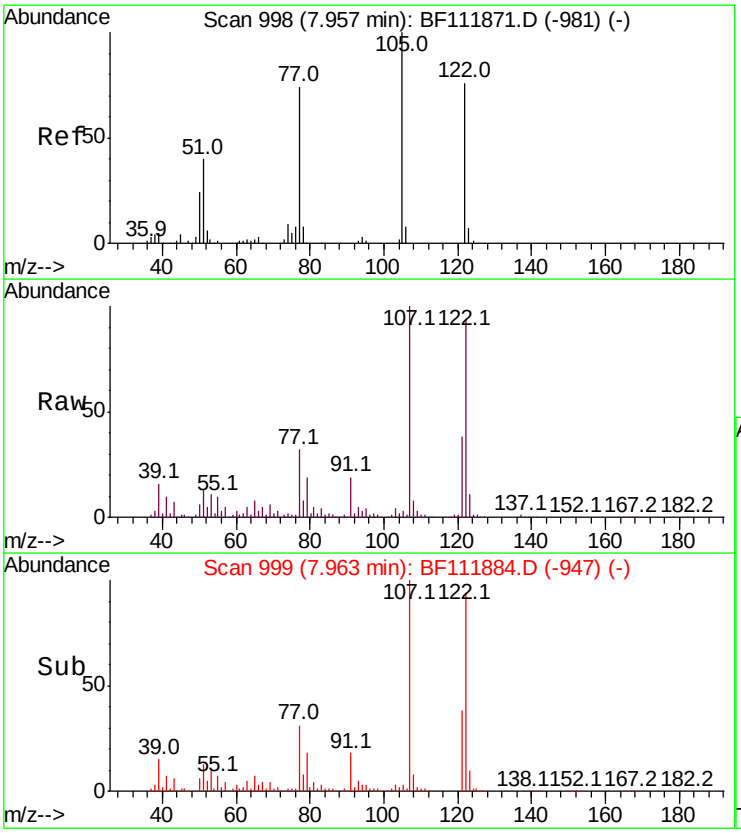
#27
2,4-Dimethylphenol
Concen: 4.738 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 31711

Ion	Ratio	Lower	Upper
122	100		
107	109.6	91.0	136.6
121	48.9	46.8	70.2

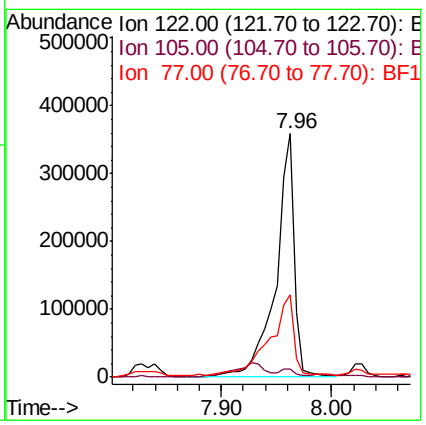


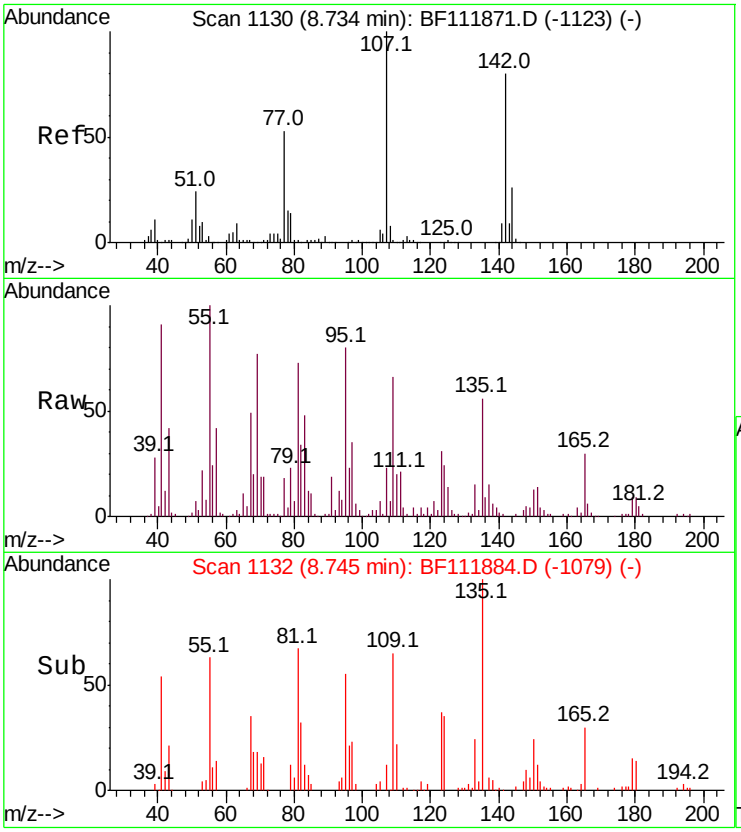


#32
Benzoic acid
Concen: 97.008 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:122 Resp: 421337

Ion	Ratio	Lower	Upper
122	100		
105	3.4	107.9	147.9#
77	33.7	76.6	116.6#



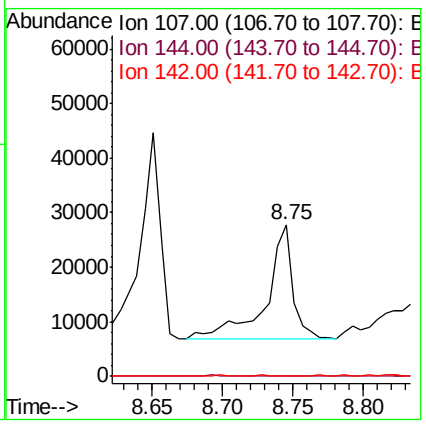


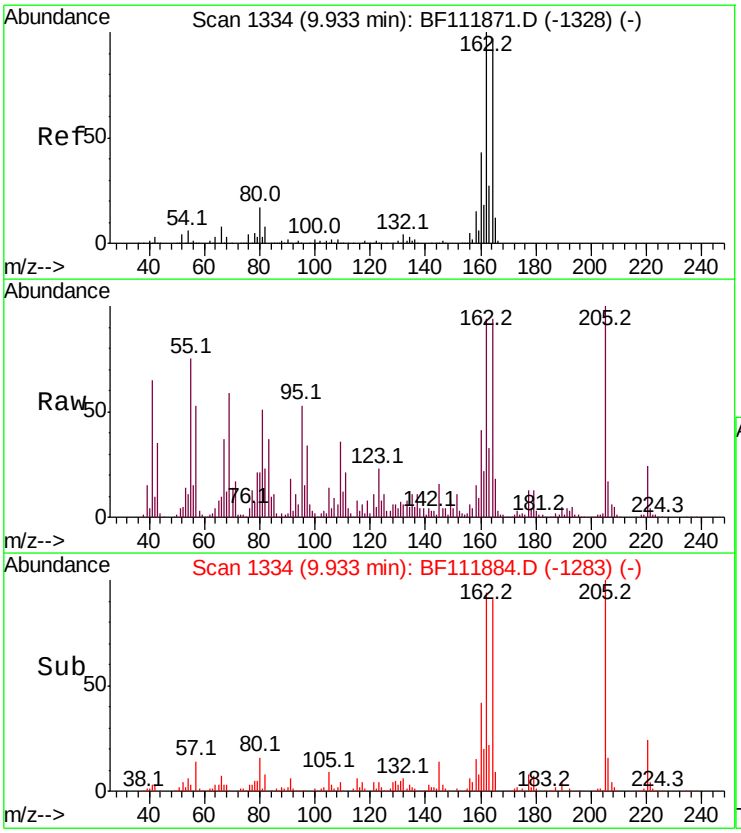
#36
4-Chloro-3-methylphenol
Concen: 3.655 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 27972

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.7	31.1#
142	0.0	63.9	95.9#

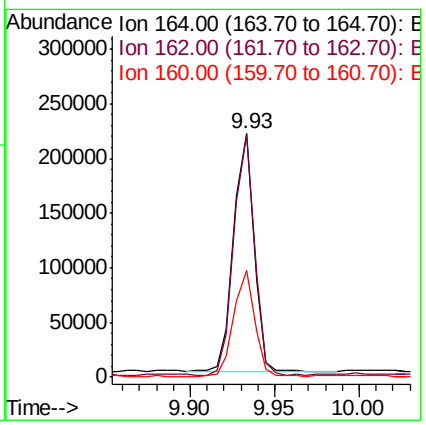


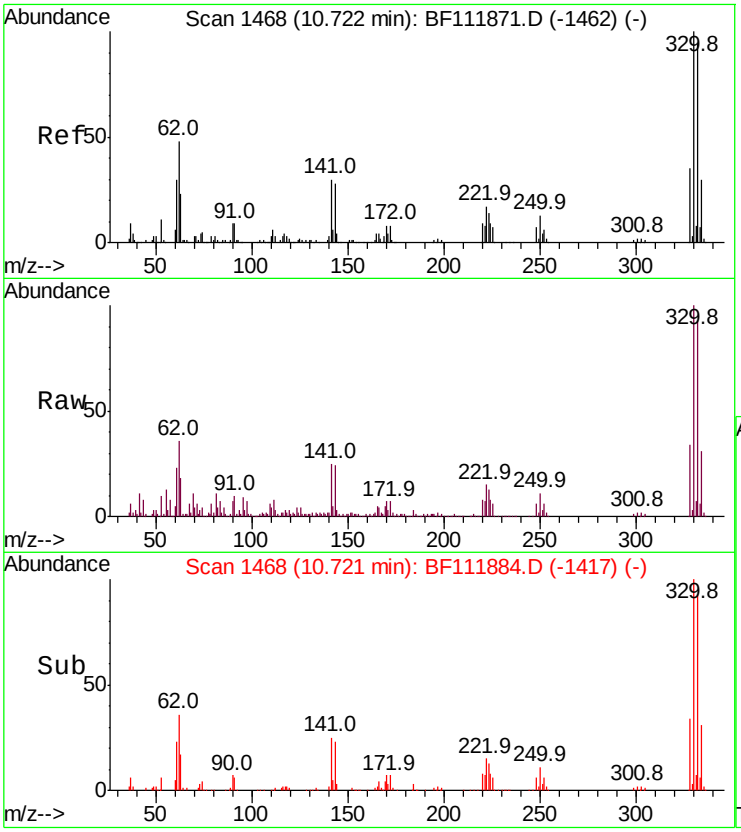


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:164 Resp: 183488

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	44.0	35.5	53.3



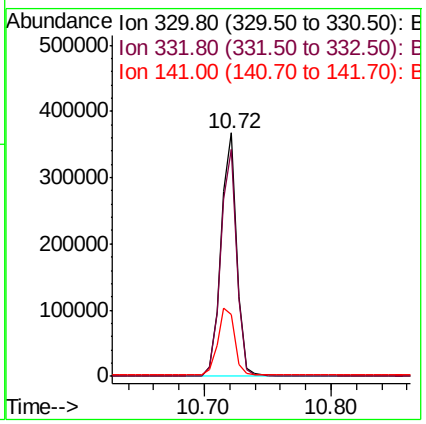


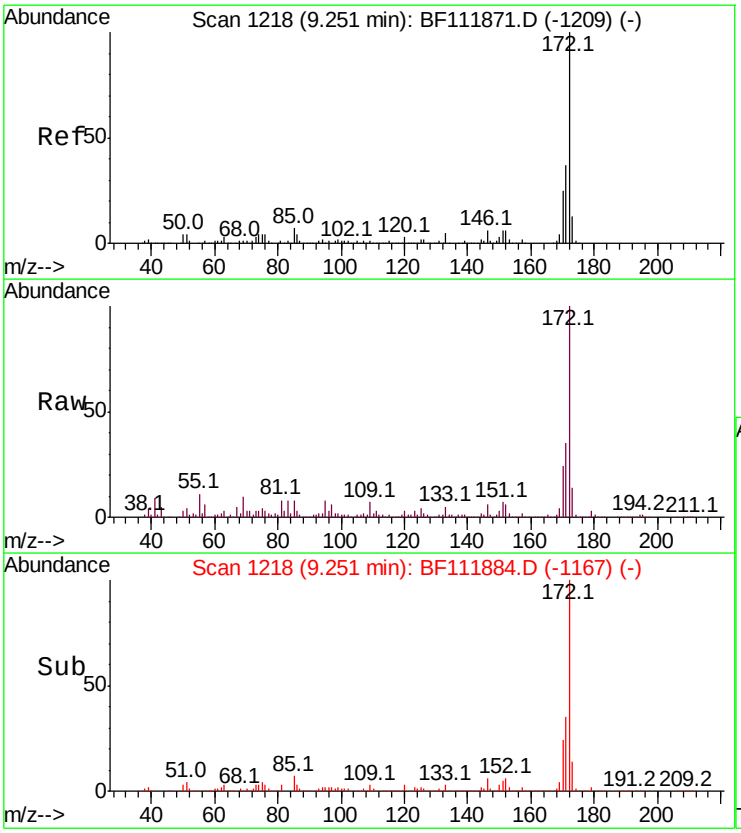
#42
2,4,6-Tribromophenol
Concen: 133.712 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 319119

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	29.5	23.7	35.5

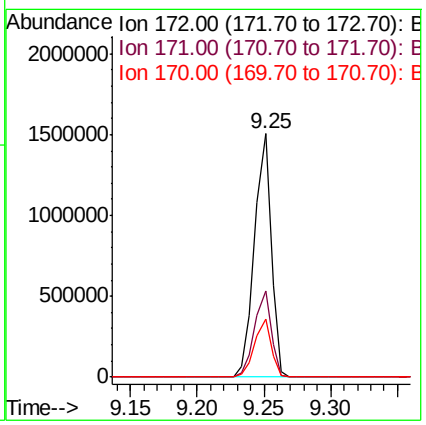


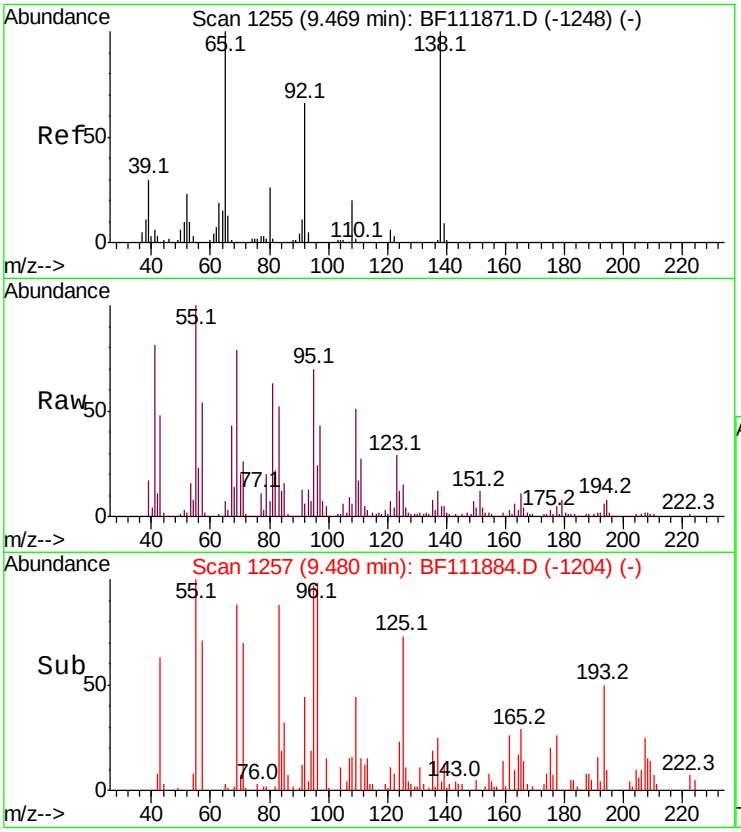


#45
2-Fluorobiphenyl
Concen: 102.682 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:172 Resp: 1292070

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.7	19.8	29.8



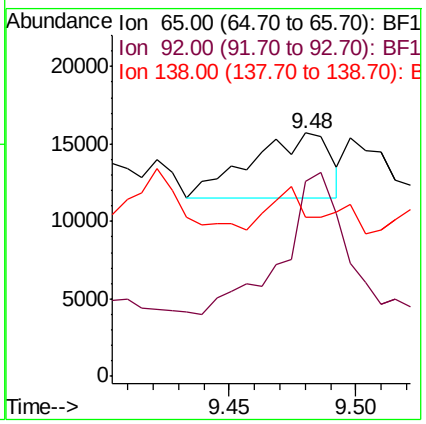


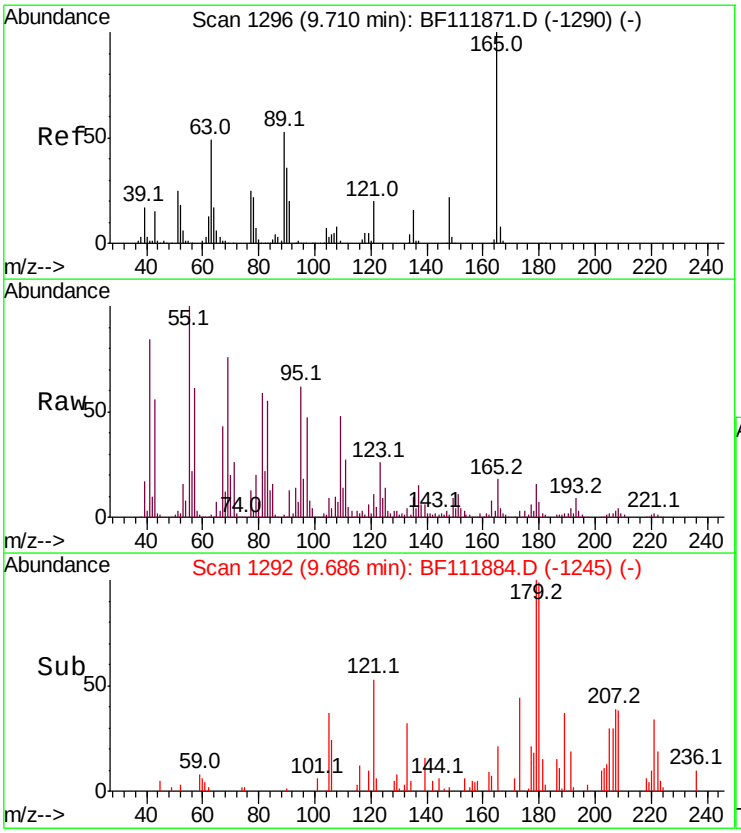
#48
2-Nitroaniline
Concen: 2.470 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 9096

Ion	Ratio	Lower	Upper
65	100		
92	80.1	52.5	78.7#
138	65.3	79.8	119.6#

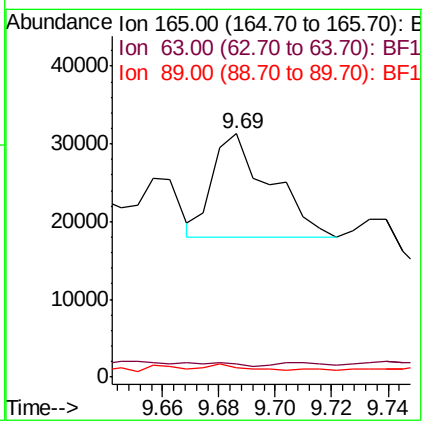


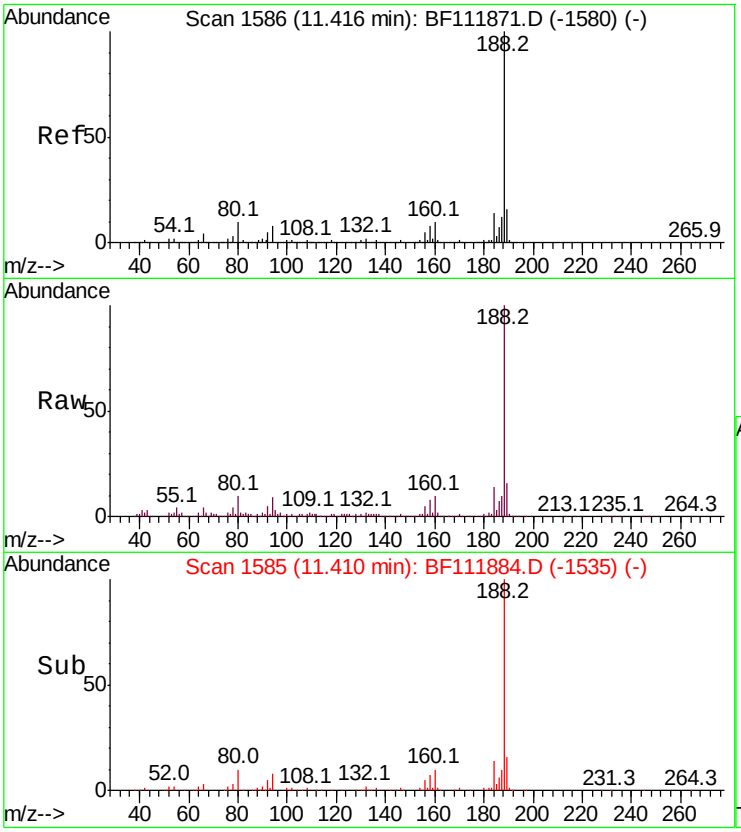


#51
2,6-Dinitrotoluene
Concen: 6.127 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:165 Resp: 18884

Ion	Ratio	Lower	Upper
165	100		
63	5.2	46.2	69.2#
89	3.9	42.2	63.2#



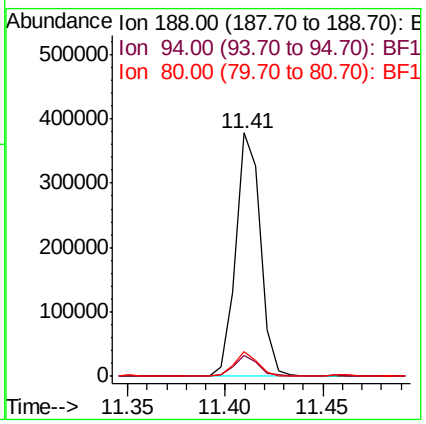


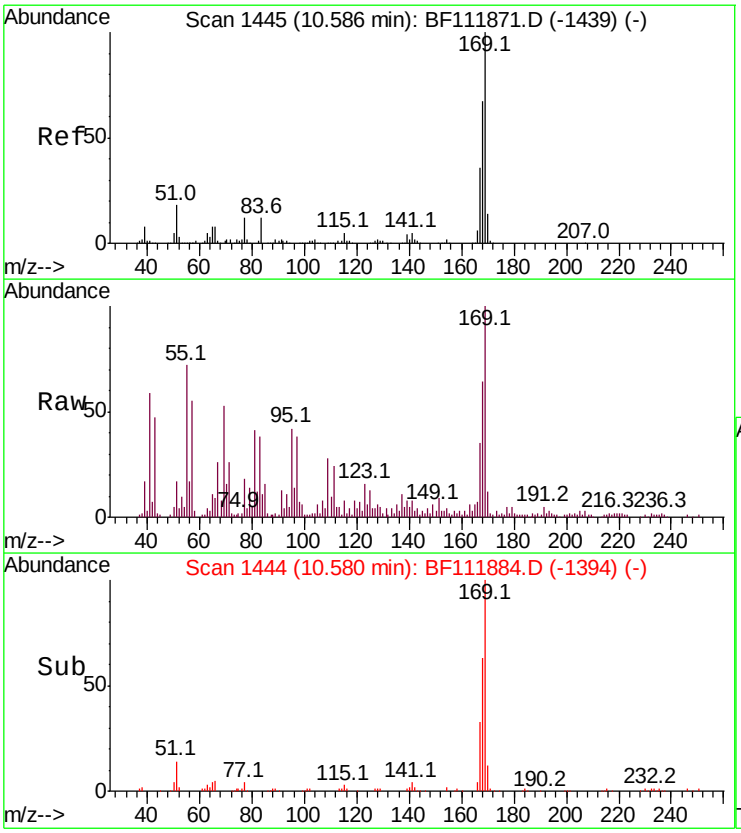
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 330631

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	10.0	7.7	11.5

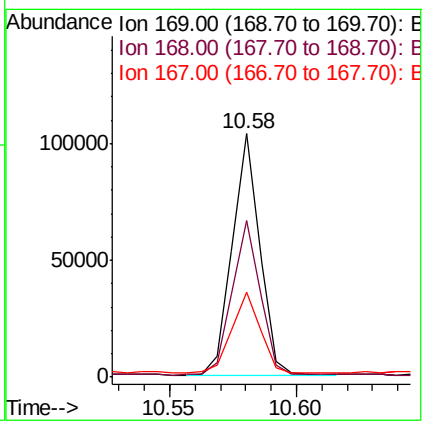


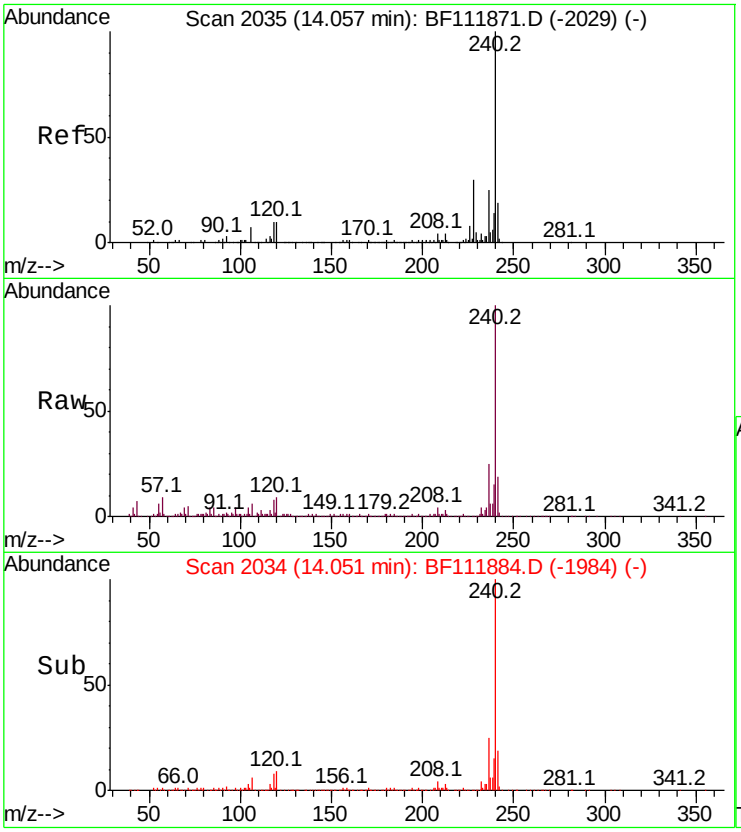


#66
n-Nitrosodiphenylamine
Concen: 7.017 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:169 Resp: 77858

Ion	Ratio	Lower	Upper
169	100		
168	64.2	53.8	80.6
167	34.7	29.1	43.7



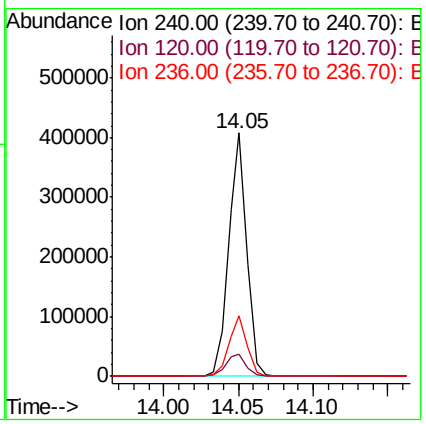


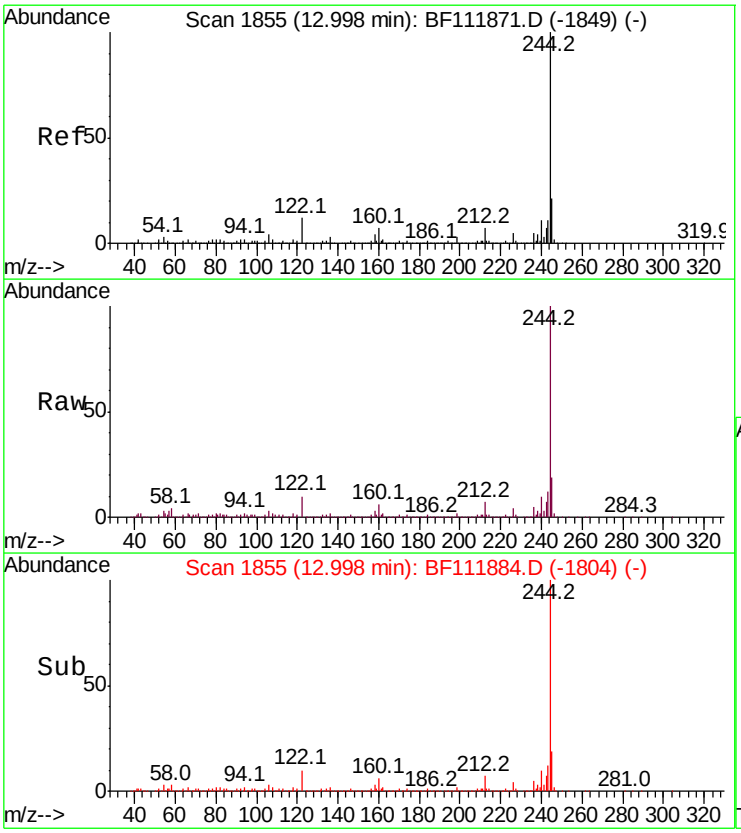
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 349437

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.1	20.2	30.4

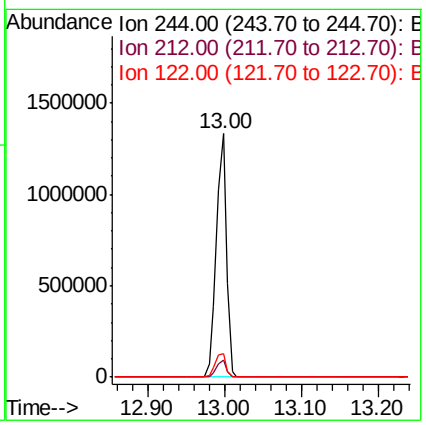


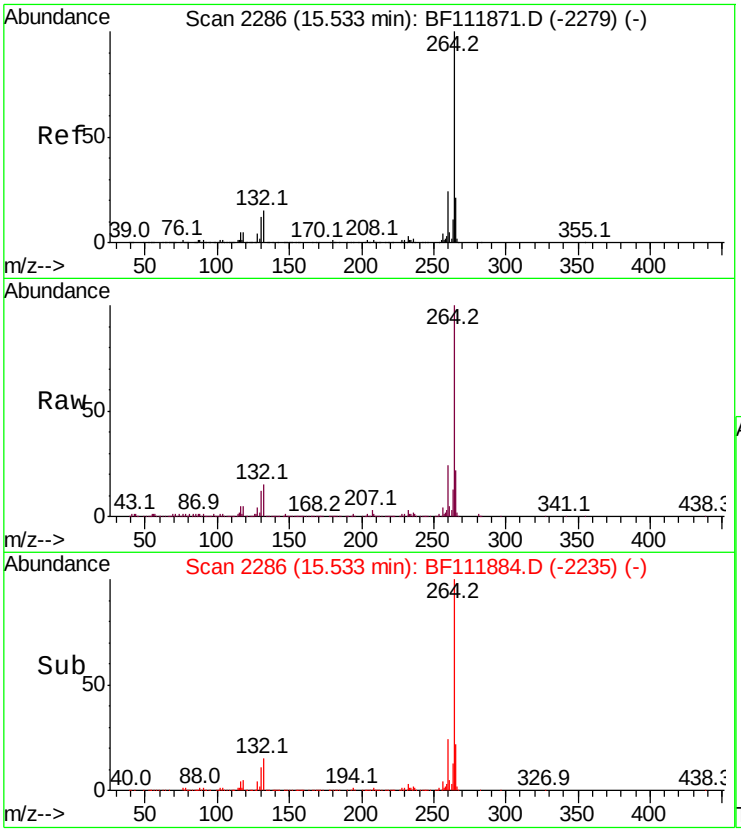


#79
Terphenyl-d14
Concen: 64.851 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Tgt Ion:244 Resp: 1193815

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.7	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111884.D
Acq: 7 Jan 2019 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 428452

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.1	25.7