Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111735.D
Acq On : 27 Dec 2018 1:07
Operator : JU/SJ
Sample : J6388-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS010-1218-01

Quant Time: Dec 27 04:05:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149963	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	494077	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	215756	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	384672	20.00	ng		0.01
76) Chrysene-d12	14.07	240	286331	20.00	ng		0.02
87) Perylene-d12	15.57	264	217086	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	889560	101.11	ng		0.03
7) Phenol-d6	6.55	99	1066100	95.22	ng		0.02
23) Nitrobenzene-d5	7.46	82	659236	77.67	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	268378	105.27	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1167637	78.88	ng		0.00
79) Terphenyl-d14	13.02	244	1083152	71.74	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.56	94	408208	32.312	ng		99
17) 2-Methylphenol	7.16	107	29154	3.736	ng	#	94
20) 3+4-Methylphenols	7.31	107	129925	13.176	ng	#	62
27) 2,4-Dimethylphenol	7.84	122	49464	6.955	ng		93
30) 1,2,4-Trichlorobenzene	8.13	180	23051	2.704	ng		96
32) Benzoic acid	7.92	122	33237	7.068	ng		95
50) Dimethylphthalate	9.65	163	143665	9.106	ng		99
68) Hexachlorobenzene	11.04	284	17811	3.348	ng		94
69) Atrazine	11.13	200	14775	3.294	ng	#	52

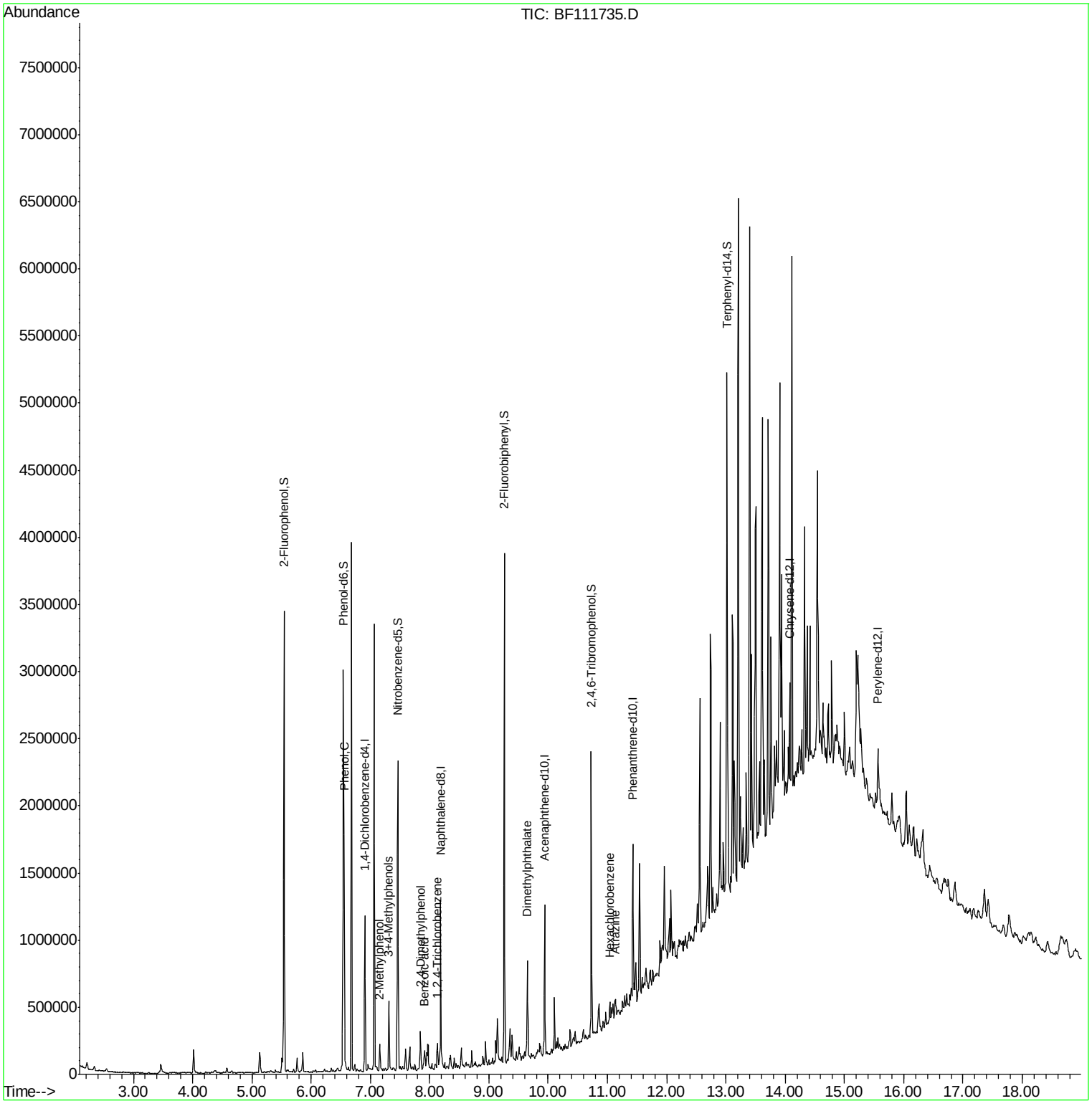
(#) = qualifier out of range (m) = manual integration (+) = signals summed

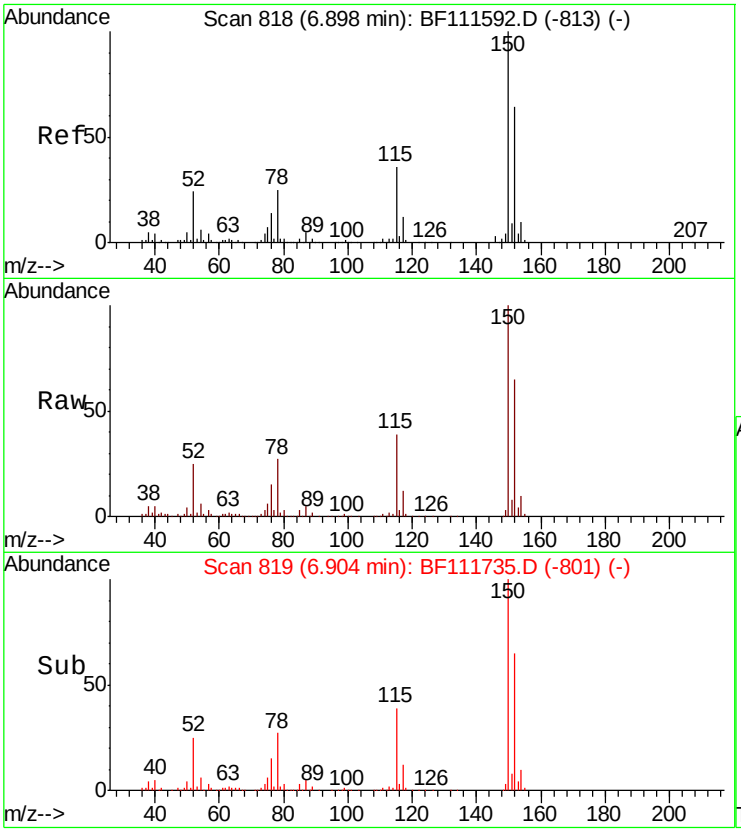
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111735.D
Acq On : 27 Dec 2018 1:07
Operator : JU/SJ
Sample : J6388-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Quant Time: Dec 27 04:05:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



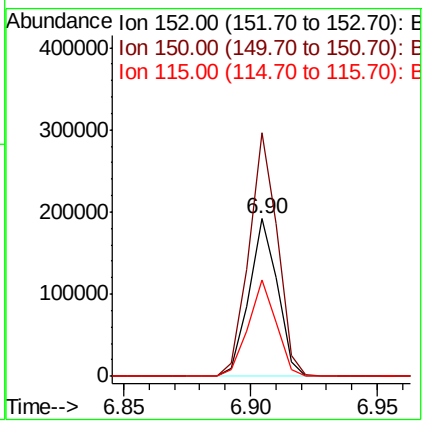


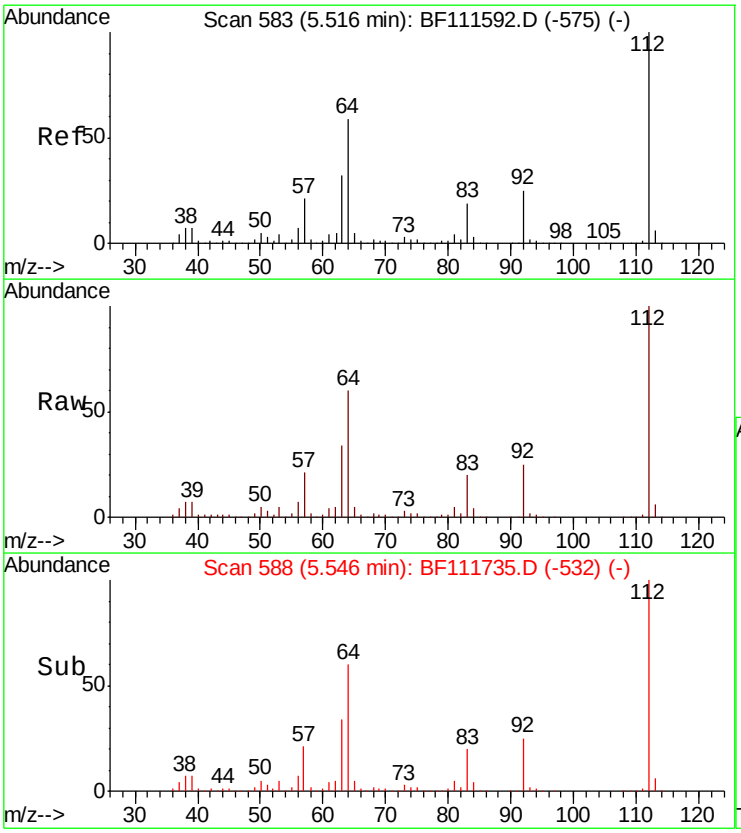
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:152 Resp: 149963

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	61.0	50.7	76.1

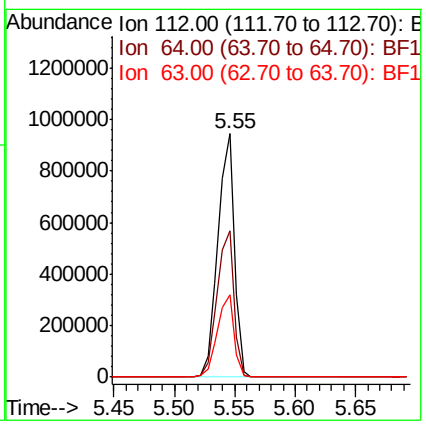


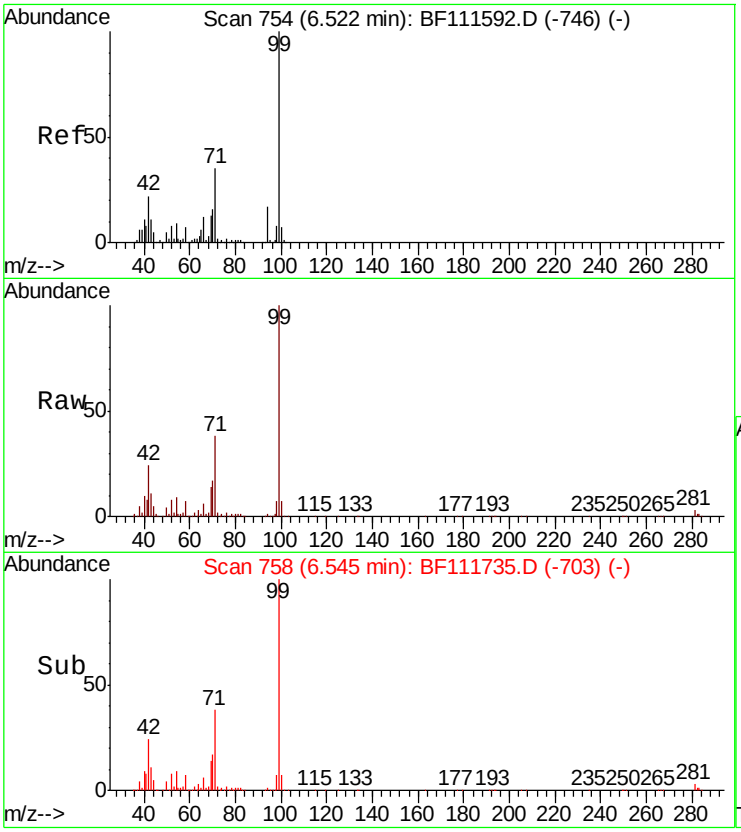


#5
2-Fluorophenol
Concen: 101.111 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:112 Resp: 889560

Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	33.9	26.8	40.2



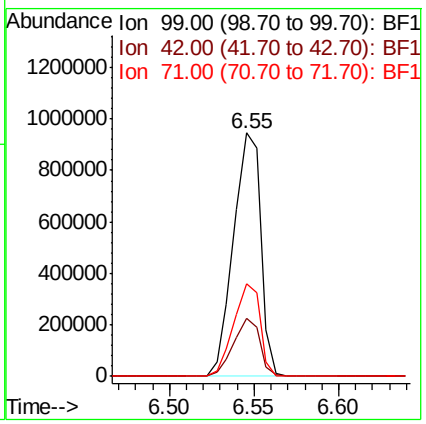


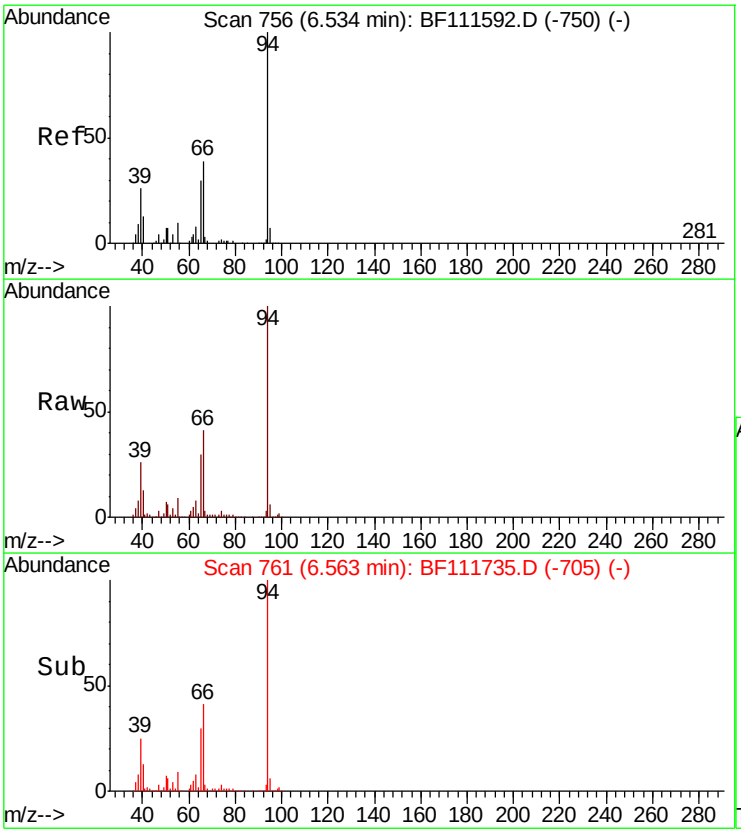
#7
Phenol-d6
Concen: 95.216 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion: 99 Resp: 1066100

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.4	26.0
71	37.8	26.1	39.1

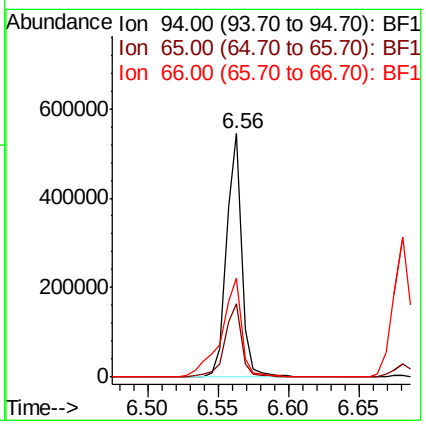


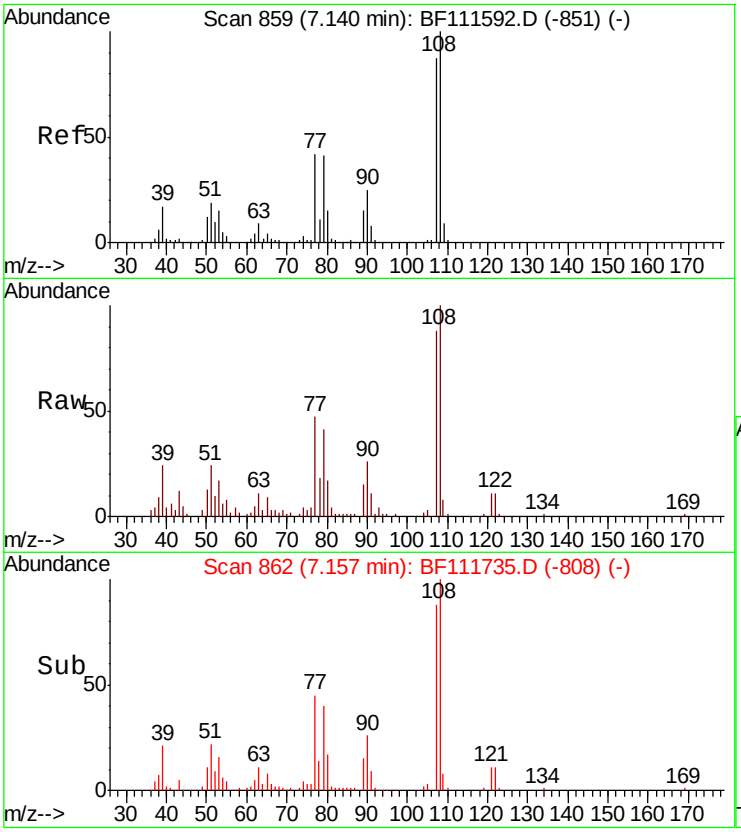


#10
Phenol
Concen: 32.312 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion: 94 Resp: 408208

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.7	51.7
66	40.8	21.0	61.0



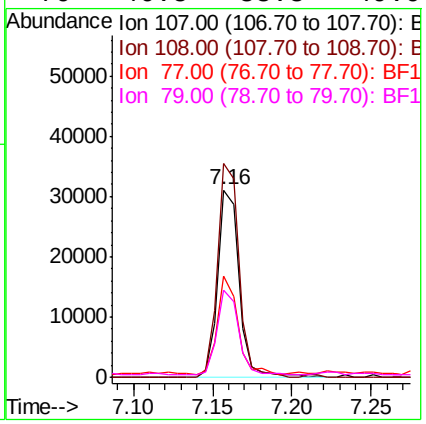


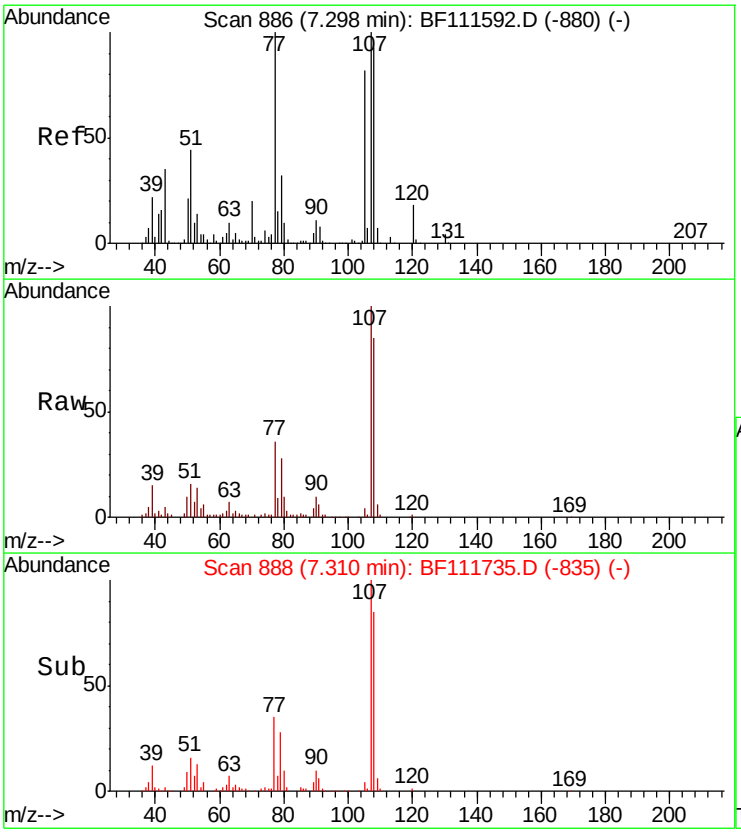
#17
2-Methylphenol
Concen: 3.736 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:107 Resp: 29154

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	53.8	33.5	50.3#
79	46.5	33.3	49.9

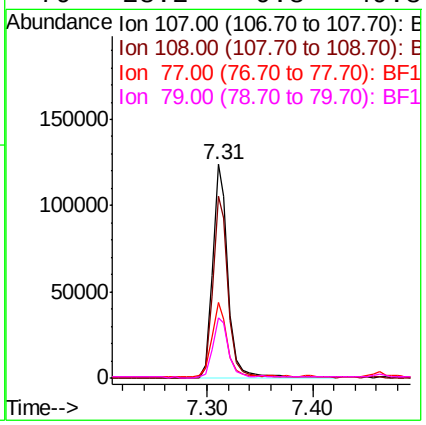


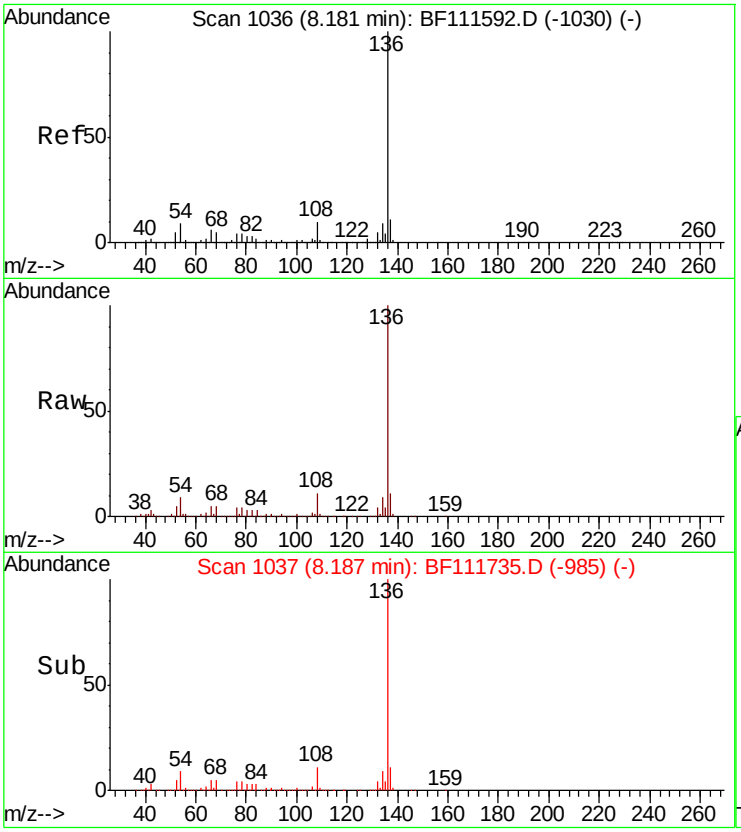


#20
3+4-Methylphenols
Concen: 13.176 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:107 Resp: 129925

Ion	Ratio	Lower	Upper
107	100		
108	85.3	72.1	112.1
77	35.7	94.1	134.1#
79	28.2	9.8	49.8



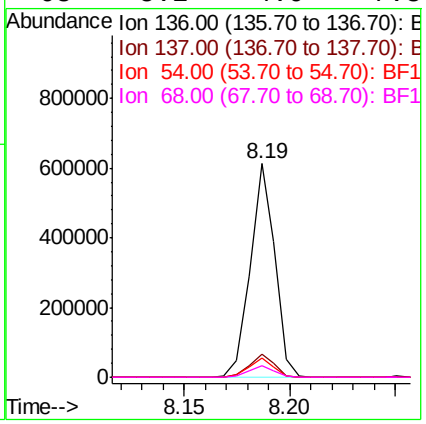


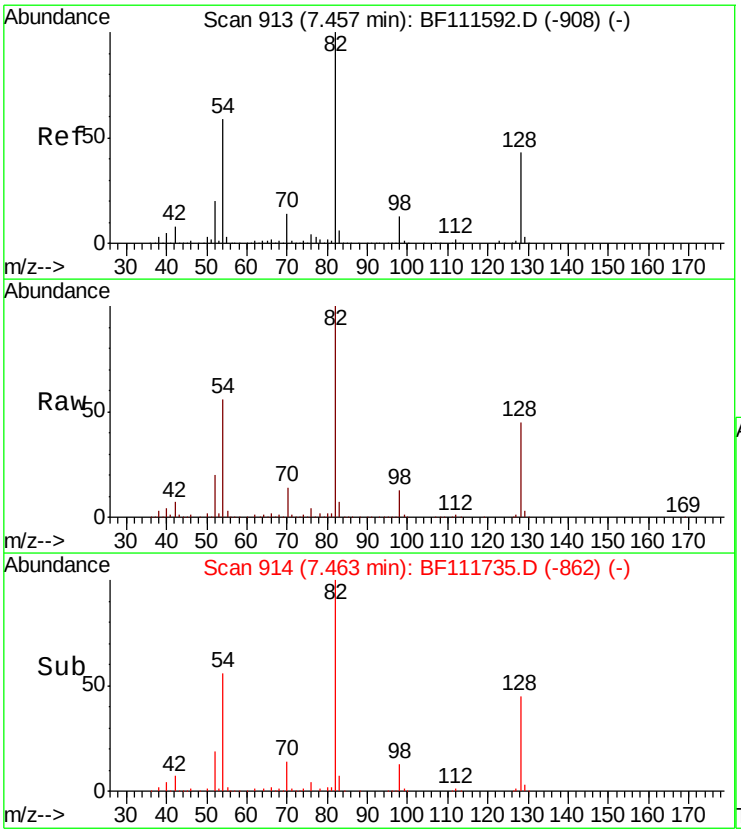
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:136 Resp: 494077

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.1	7.7	11.5
68	5.2	4.9	7.3

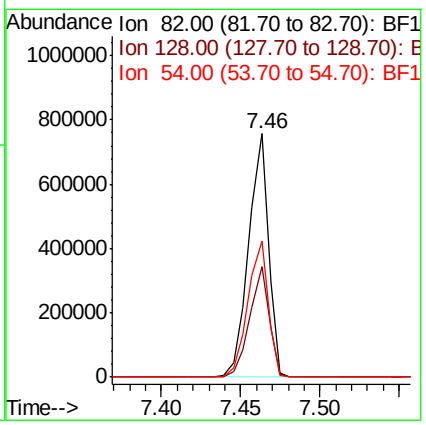


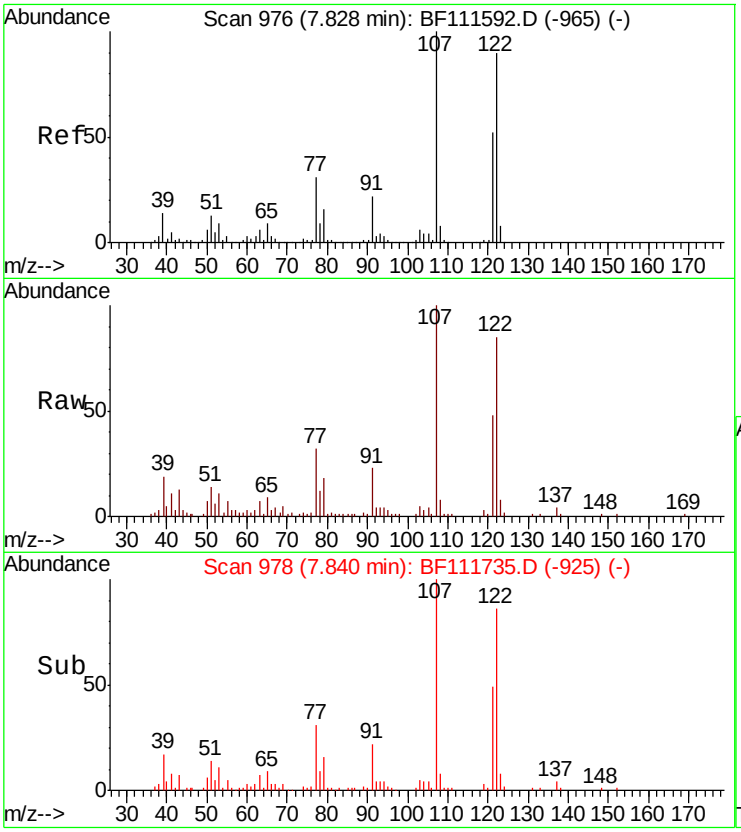


#23
Nitrobenzene-d5
Concen: 77.665 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion: 82 Resp: 659236

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.4	56.2
54	56.1	47.6	71.4



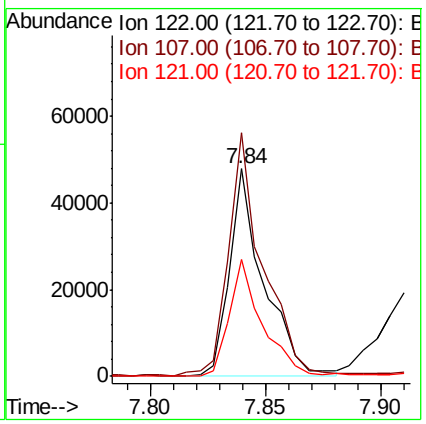


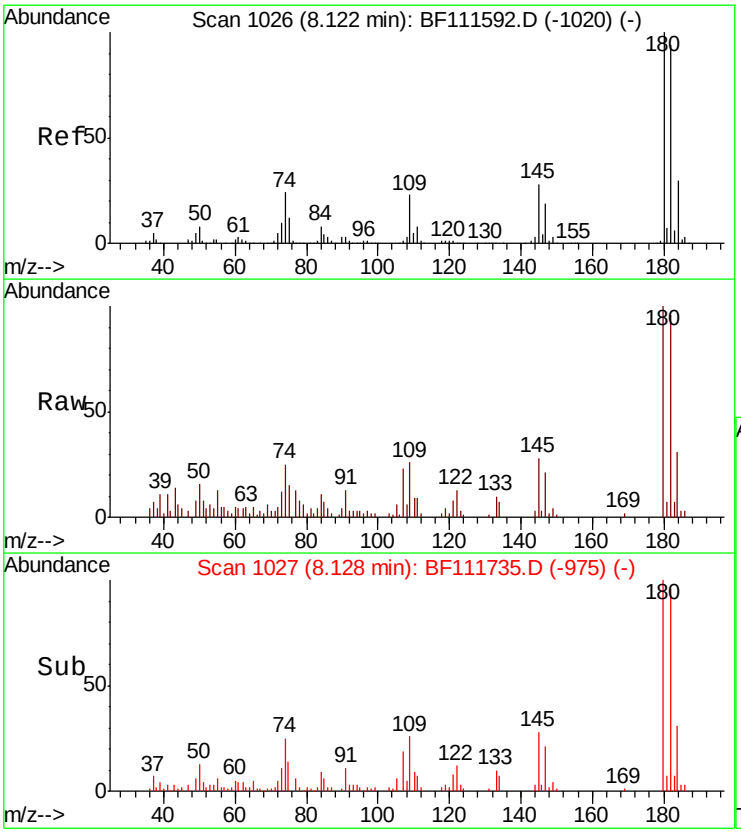
#27
2,4-Dimethylphenol
Concen: 6.955 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:122 Resp: 49464

Ion	Ratio	Lower	Upper
122	100		
107	117.5	85.5	128.3
121	56.6	46.6	70.0

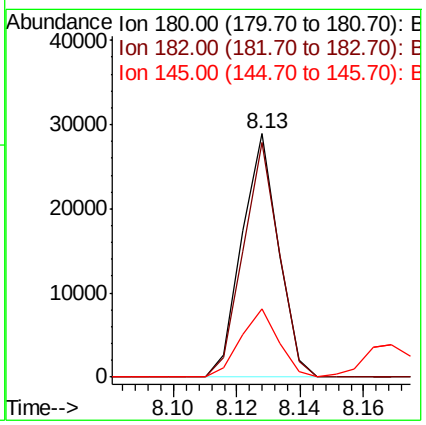


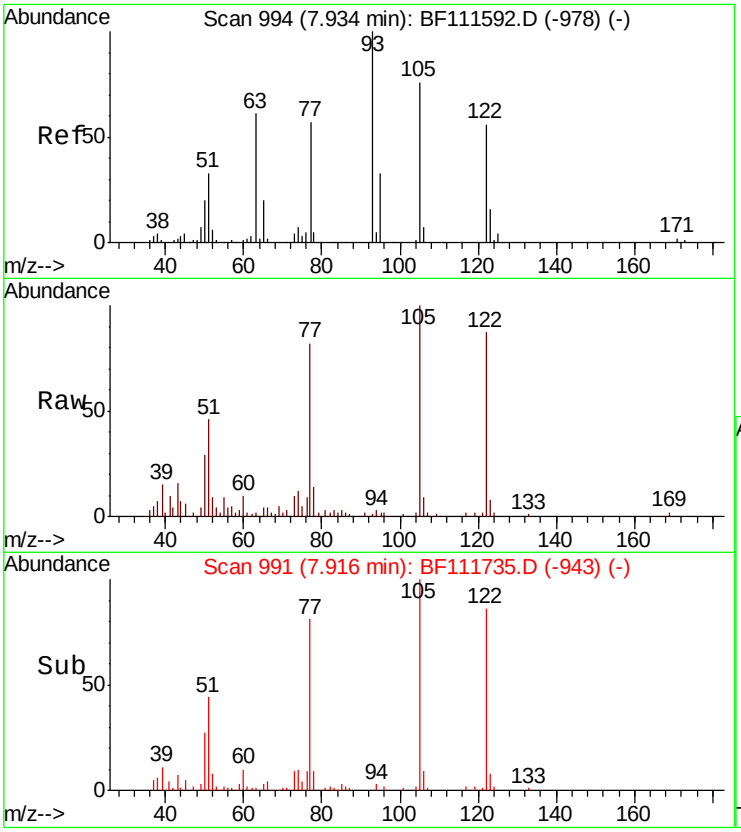


#30
1,2,4-Trichlorobenzene
Concen: 2.704 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:180 Resp: 23051

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.6	113.4
145	28.1	26.7	40.1



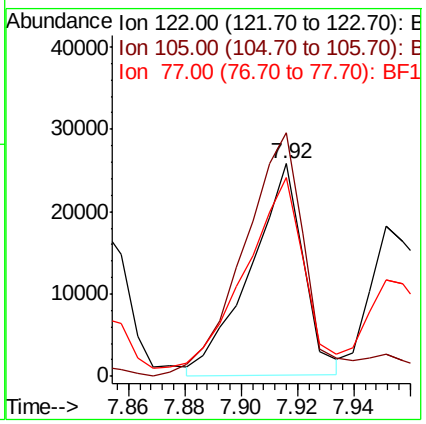


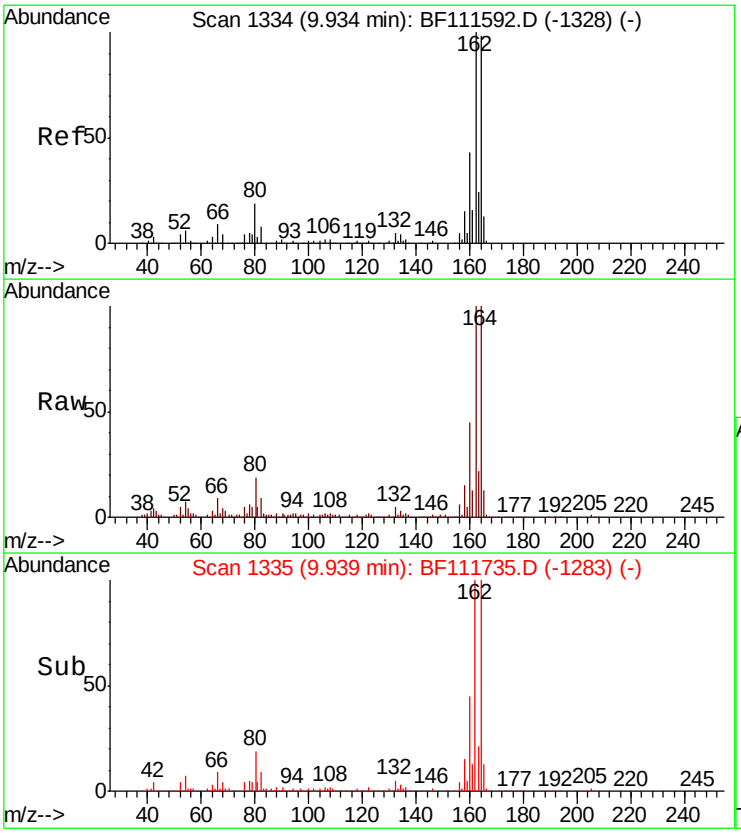
#32
Benzoic acid
Concen: 7.068 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:122 Resp: 33237

Ion	Ratio	Lower	Upper
122	100		
105	114.4	97.0	137.0
77	93.5	65.7	105.7

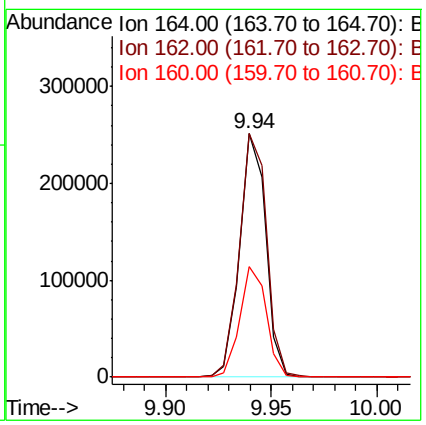


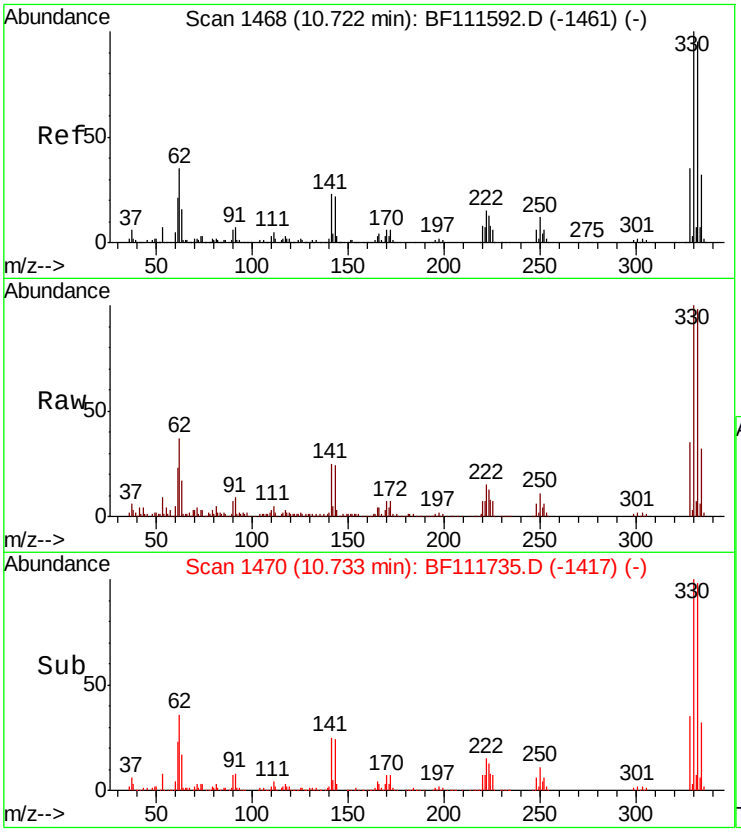


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:164 Resp: 215756

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.4	122.0
160	45.3	35.7	53.5



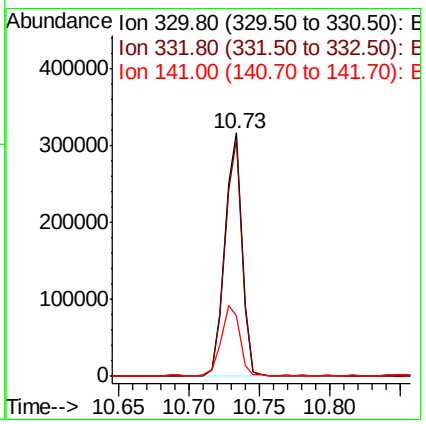


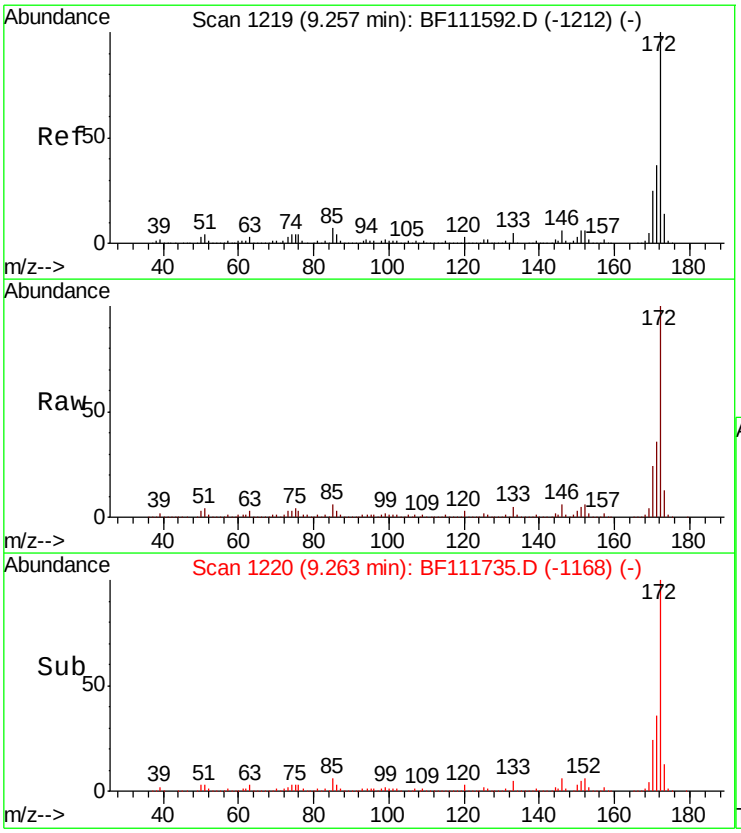
#42
2,4,6-Tribromophenol
Concen: 105.274 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:330 Resp: 268378

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	30.6	31.0	46.6#

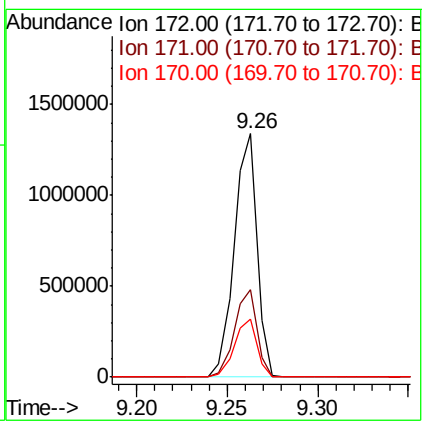


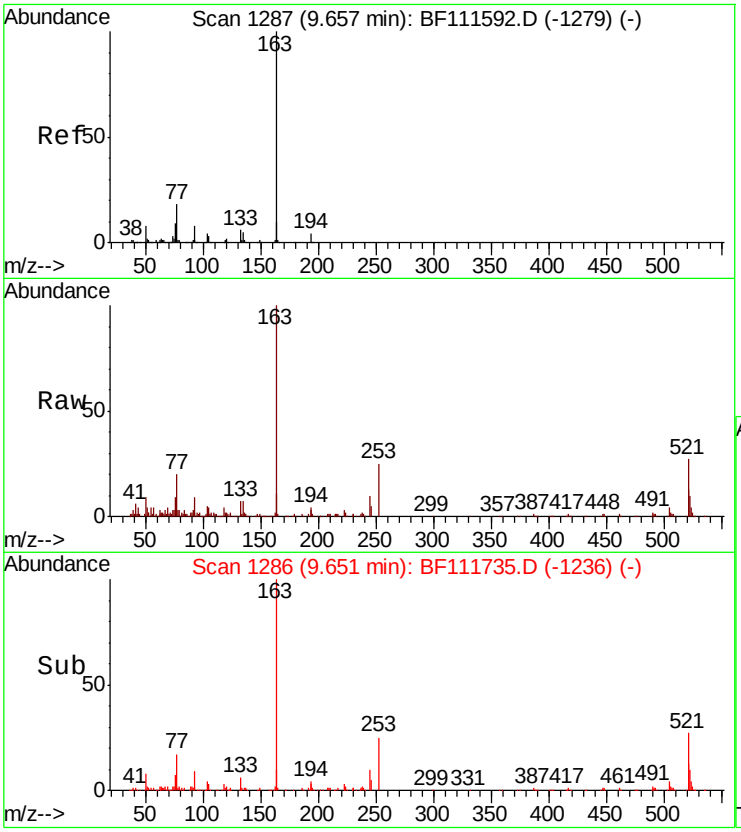


#45
2-Fluorobiphenyl
Concen: 78.882 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:172 Resp: 1167637

Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	23.8	22.3	33.5



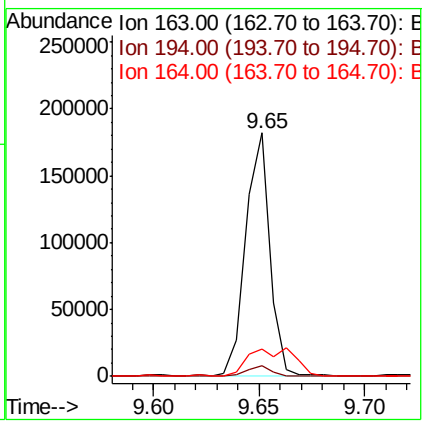


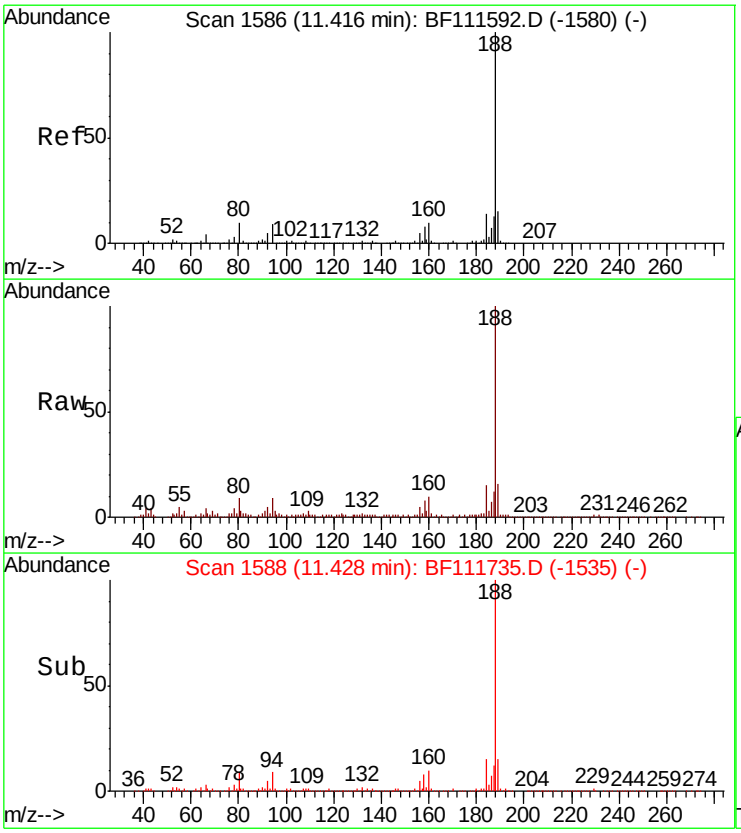
#50
Dimethylphthalate
Concen: 9.106 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:163 Resp: 143665

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.6
164	11.4	8.9	13.3

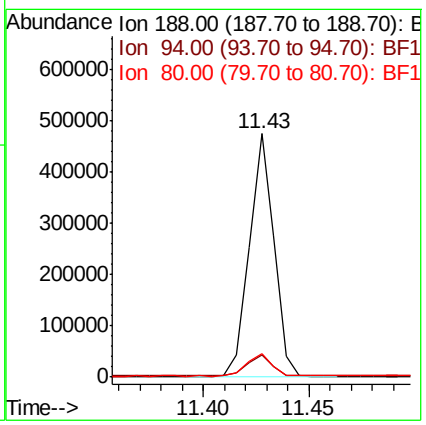


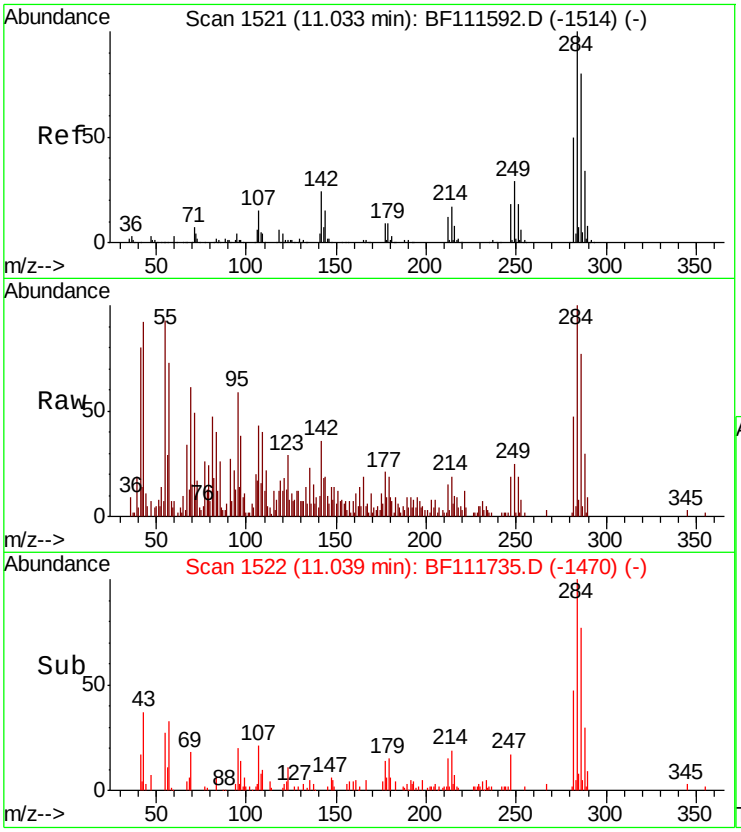


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:188 Resp: 384672

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.4	9.8	14.6#



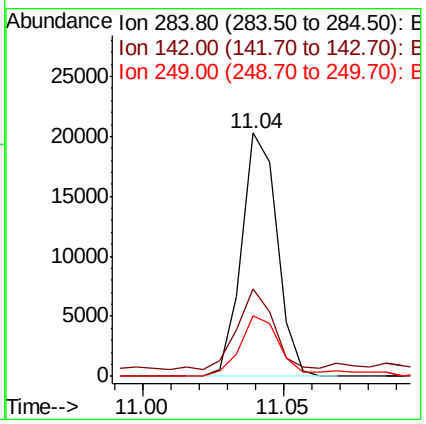


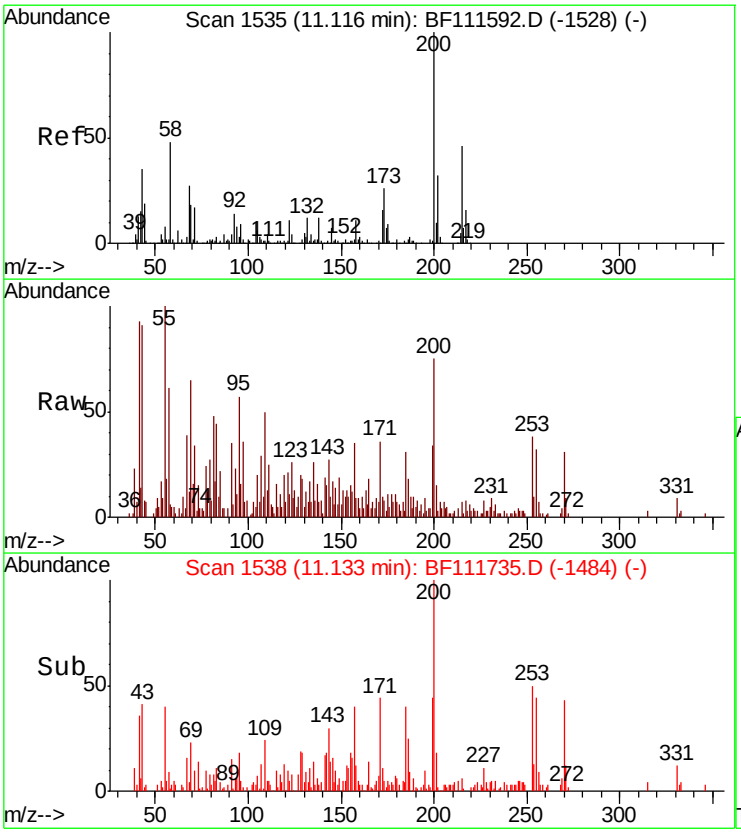
#68
Hexachlorobenzene
Concen: 3.348 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:284 Resp: 17811

Ion	Ratio	Lower	Upper
284	100		
142	35.8	27.4	41.2
249	24.8	24.4	36.6

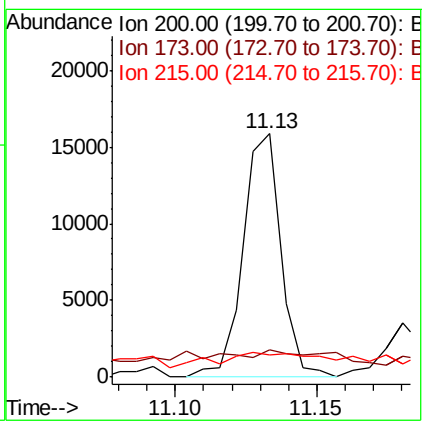


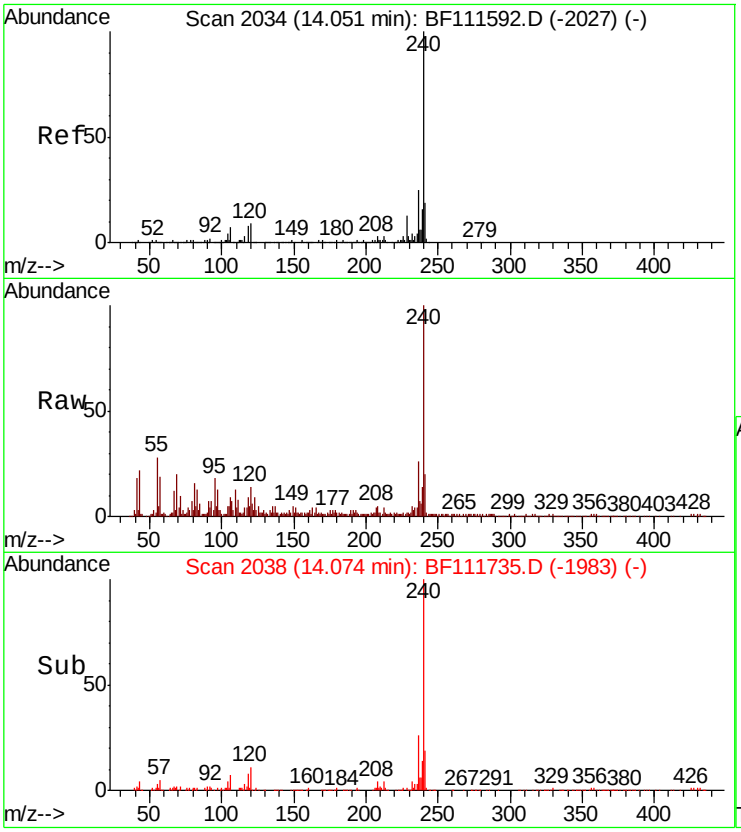


#69
Atrazine
Concen: 3.294 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:200 Resp: 14775

Ion	Ratio	Lower	Upper
200	100		
173	11.2	10.1	50.1
215	9.1	26.9	66.9#



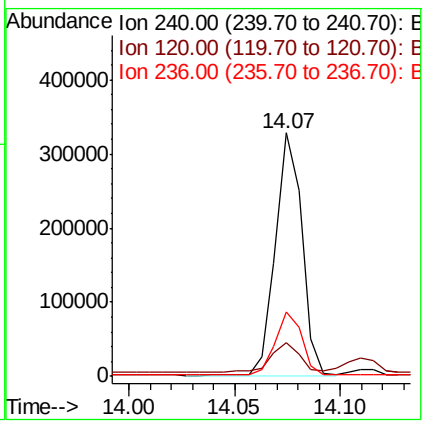


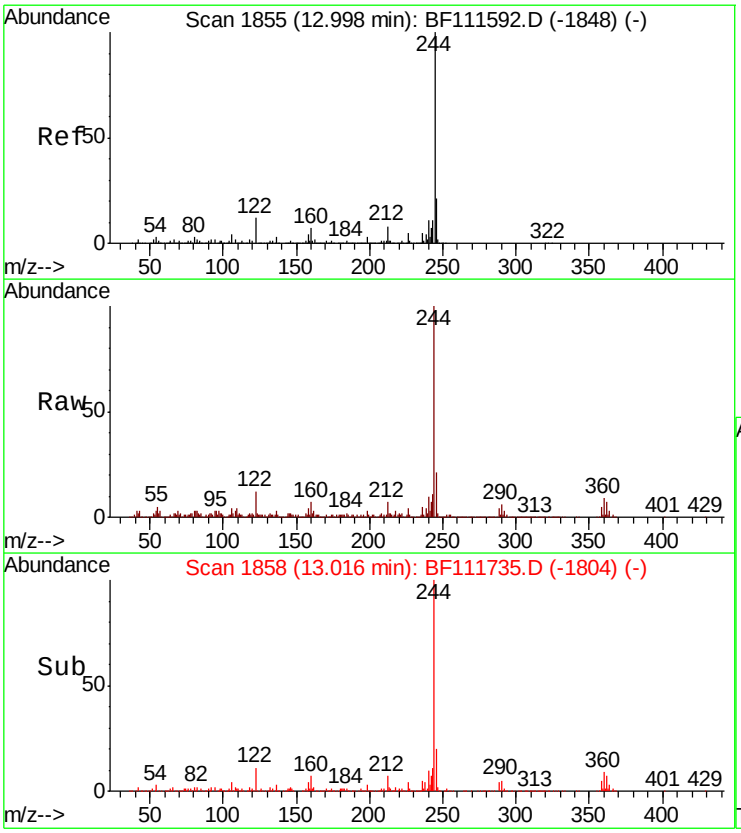
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:240 Resp: 286331

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.2	18.2
236	26.3	20.2	30.2

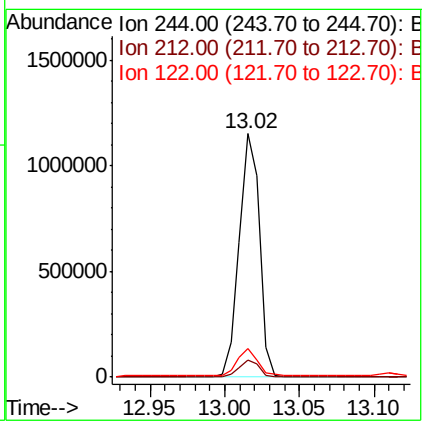


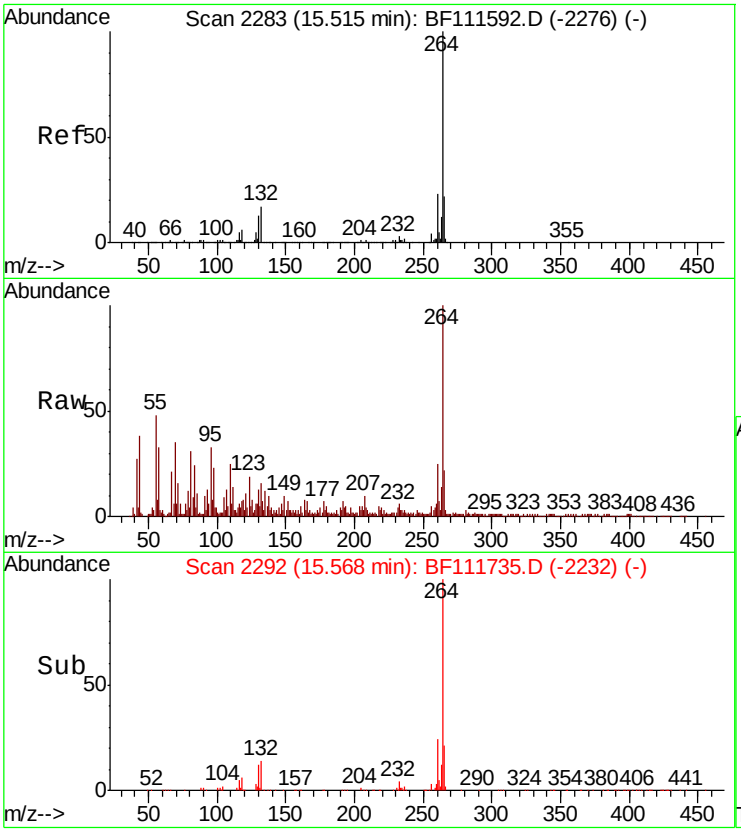


#79
Terphenyl-d14
Concen: 71.739 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Tgt Ion:244 Resp: 1083152

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.5	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.05 min
Lab File: BF111735.D
Acq: 27 Dec 2018 1:07

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1218-01

Tgt Ion:264 Resp: 217086

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.3	27.5
265	22.4	17.7	26.5