Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111767.D
Acq On : 27 Dec 2018 17:25
Operator : JU/SJ
Sample : J6426-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS020-0002-01

Quant Time: Dec 28 06:56:17 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	6.91	152	135850	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	460651	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	208363	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	377078	20.00	ng		0.02
76) Chrysene-d12	14.08	240	317602	20.00	ng		0.03
87) Perylene-d12	15.59	264	228678	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	366107	45.94	ng		0.03
7) Phenol-d6	6.55	99	435281	42.91	ng		0.03
23) Nitrobenzene-d5	7.46	82	270522	34.18	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	113661	46.17	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	497926	34.83	ng		0.00
79) Terphenyl-d14	13.02	244	526009	31.41	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	89451	12.823	ng		96
10) Phenol	6.56	94	69287	6.054	ng		98
17) 2-Methylphenol	7.17	107	16436	2.325	ng		94
20) 3+4-Methylphenols	7.32	107	96595	10.814	ng	#	63
27) 2,4-Dimethylphenol	7.85	122	95290	14.370	ng		88
31) Naphthalene	8.21	128	65457	2.957	ng		97
37) 2-Methylnaphthalene	8.90	142	296314	20.577	ng		99
38) 1-Methylnaphthalene	9.00	142	236492	17.100	ng		98
46) 1,1'-Biphenyl	9.36	154	54104	3.076	ng		95
50) Dimethylphthalate	9.65	163	65269	4.284	ng	#	99

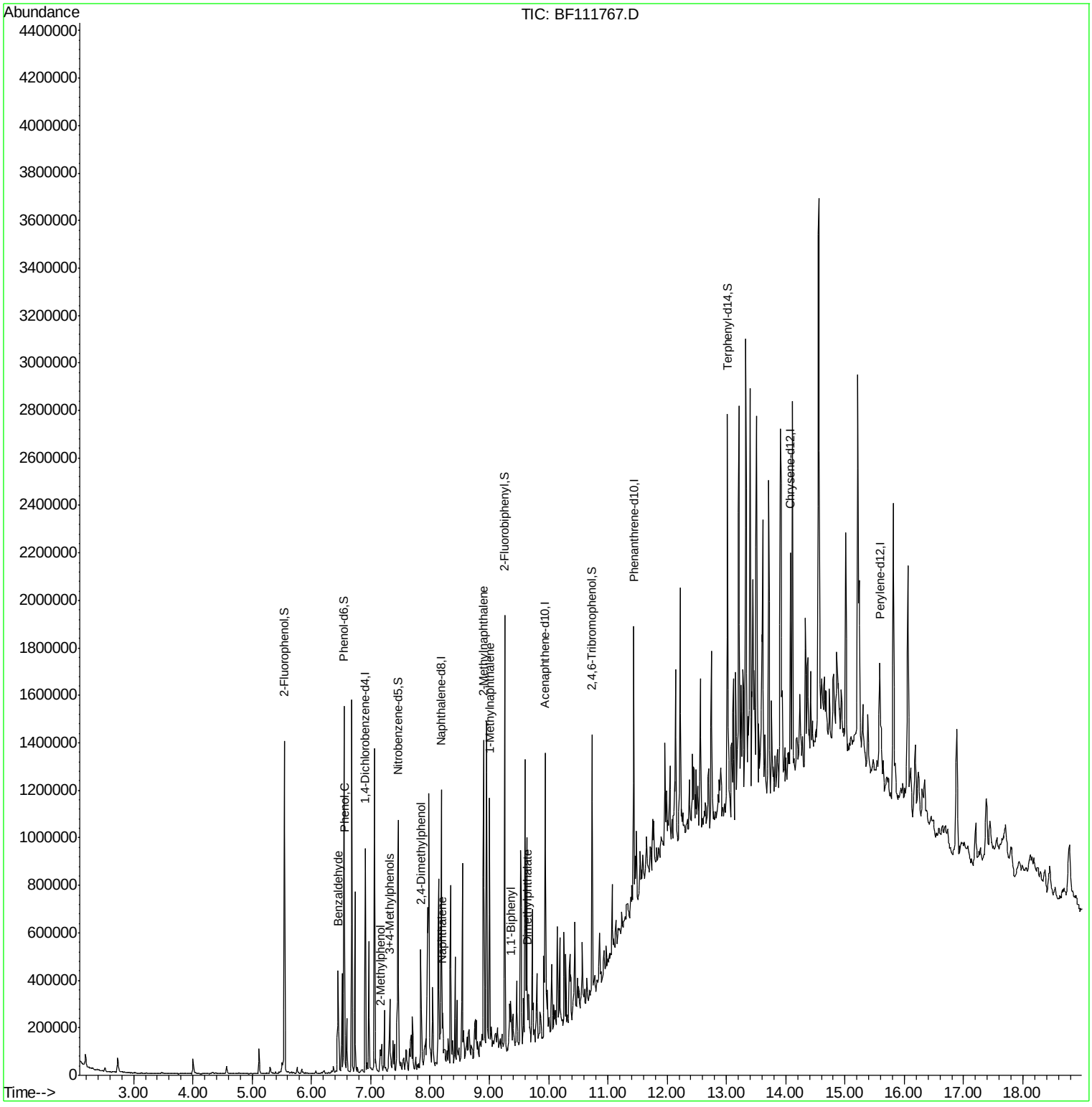
(#) = qualifier out of range (m) = manual integration (+) = signals summed

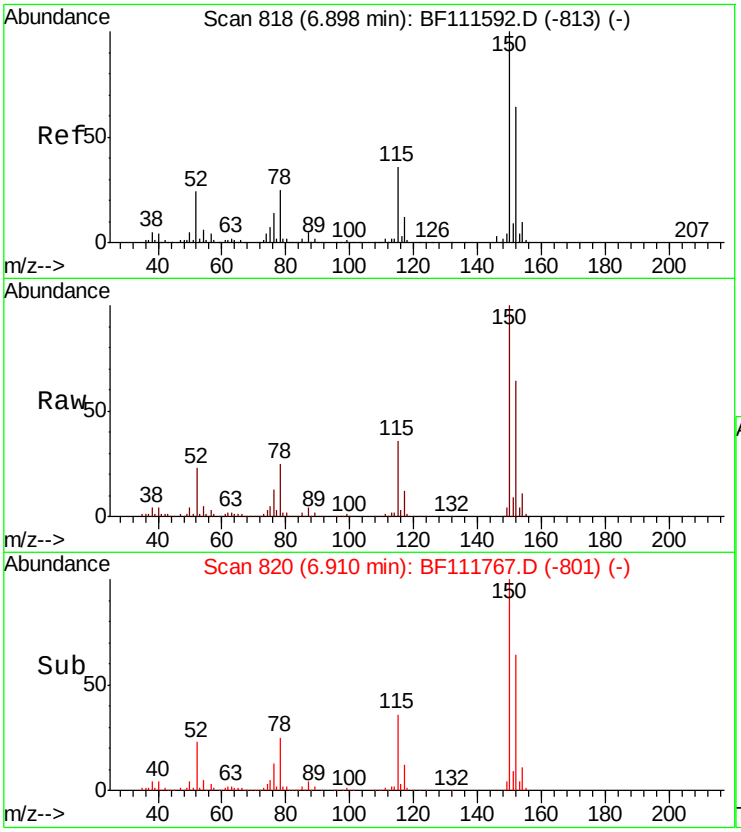
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111767.D
Acq On : 27 Dec 2018 17:25
Operator : JU/SJ
Sample : J6426-19 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Quant Time: Dec 28 06:56:17 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



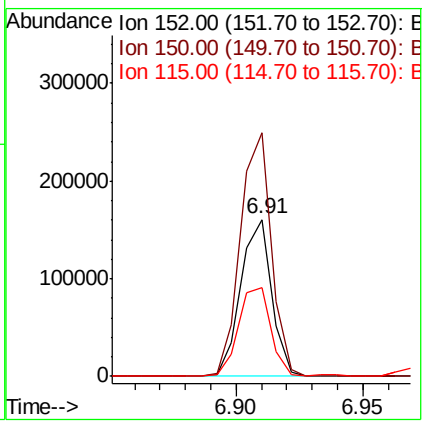


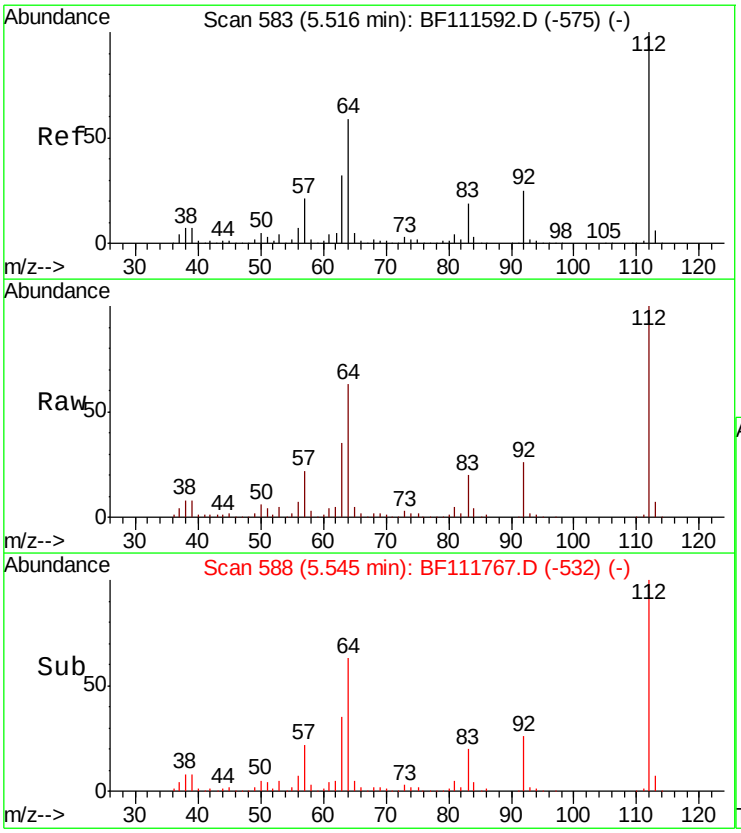
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:152 Resp: 135850

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	56.5	50.7	76.1

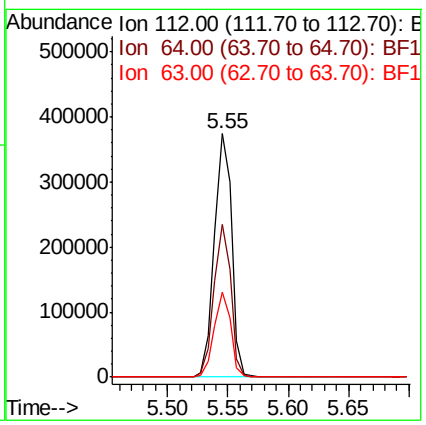


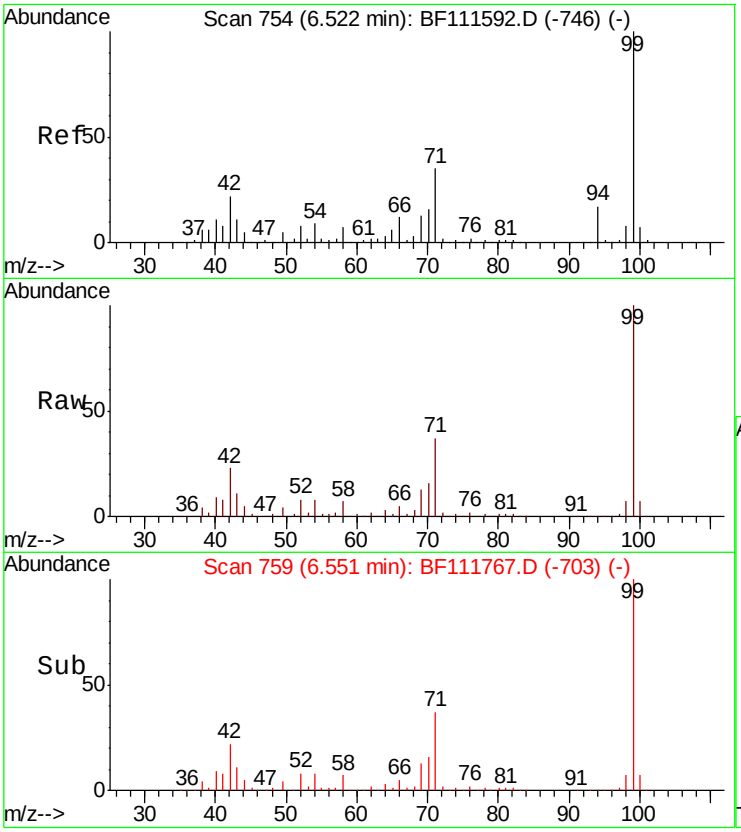


#5
2-Fluorophenol
Concen: 45.936 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:112 Resp: 366107

Ion	Ratio	Lower	Upper
112	100		
64	62.7	51.8	77.6
63	35.1	26.8	40.2



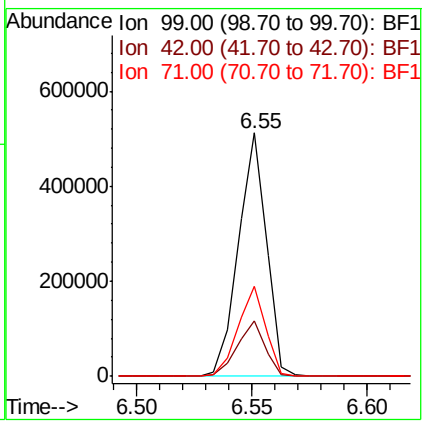


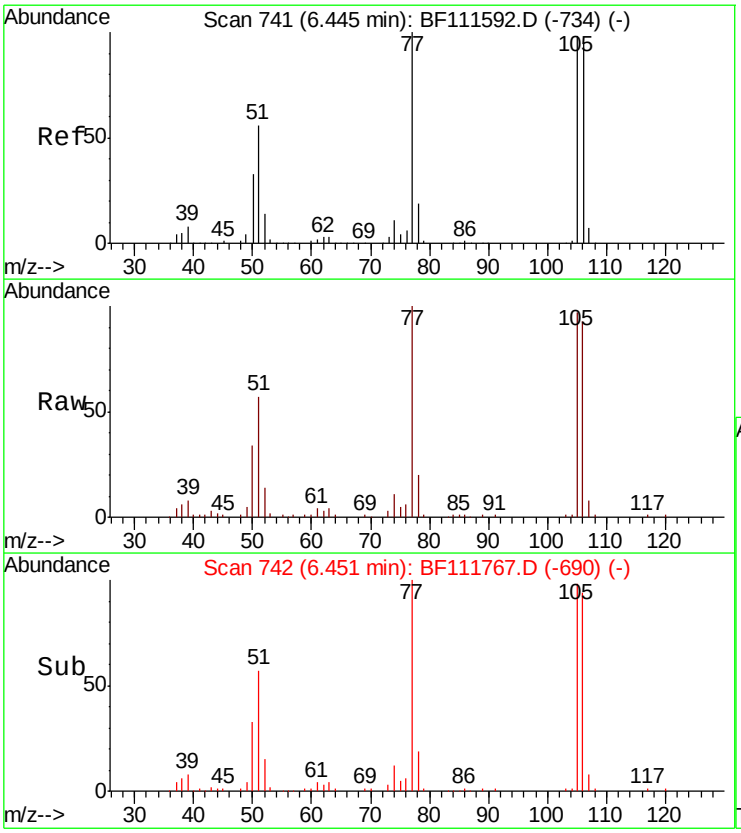
#7
Phenol-d6
Concen: 42.915 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion: 99 Resp: 435281

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	37.1	26.1	39.1

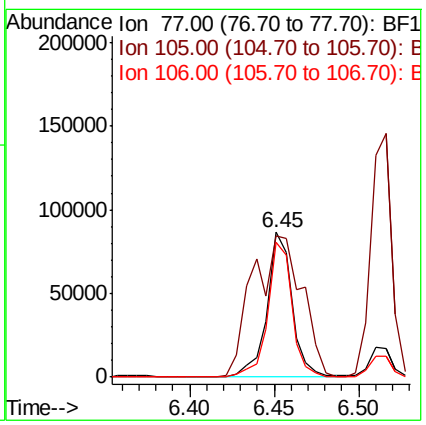


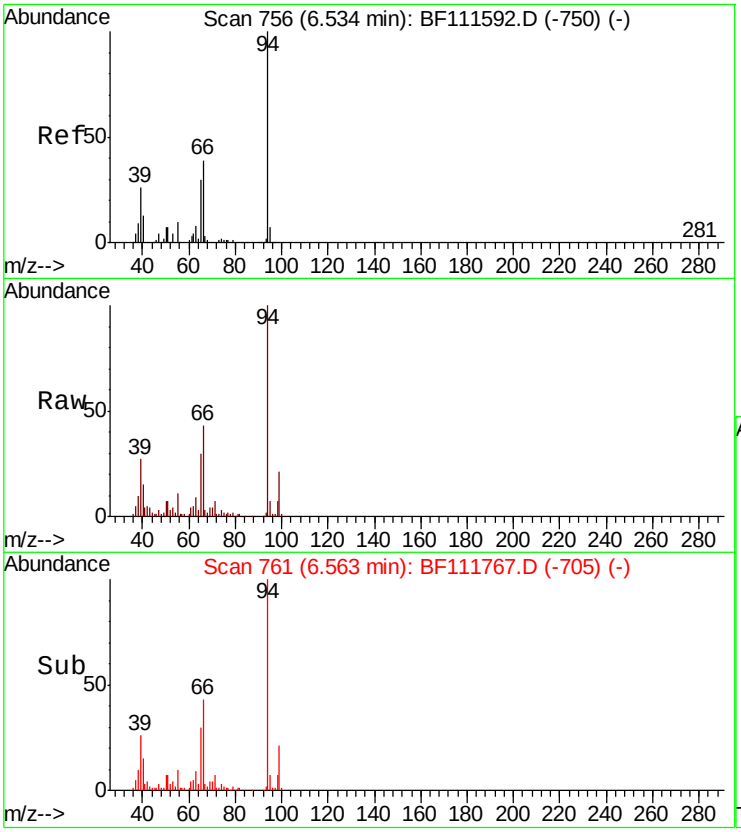


#9
Benzaldehyde
Concen: 12.823 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion: 77 Resp: 89451

Ion	Ratio	Lower	Upper
77	100		
105	97.3	81.4	121.4
106	93.2	77.9	117.9



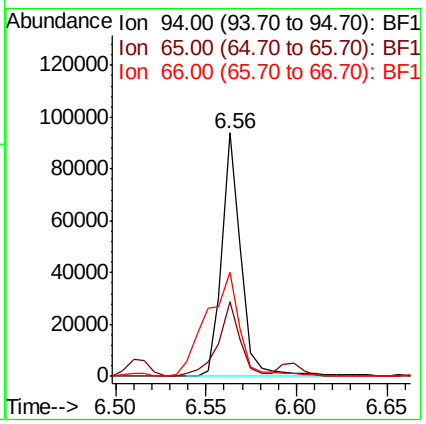


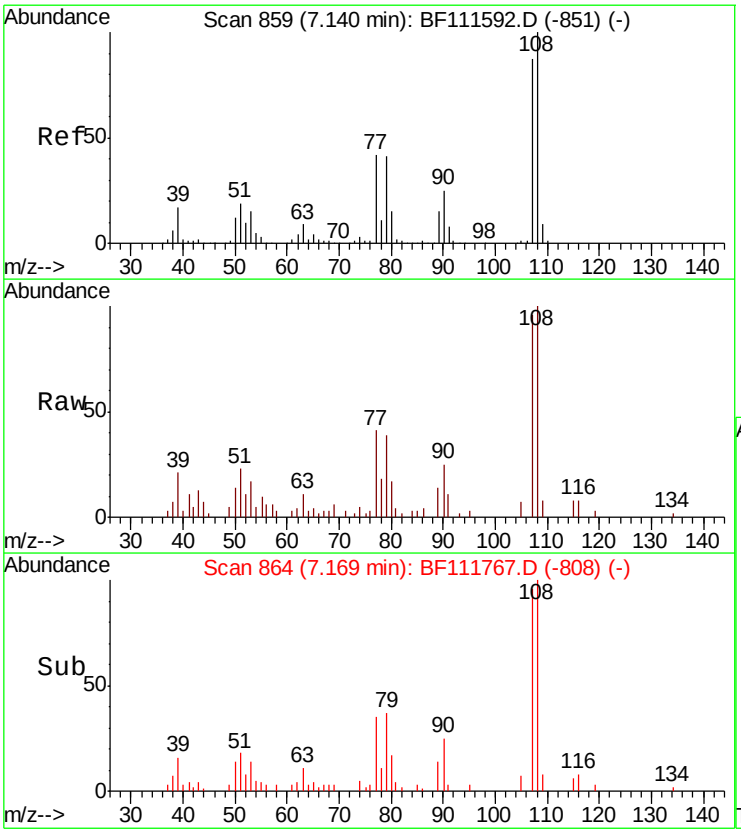
#10
Phenol
Concen: 6.054 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion: 94 Resp: 69287

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.7	51.7
66	42.6	21.0	61.0

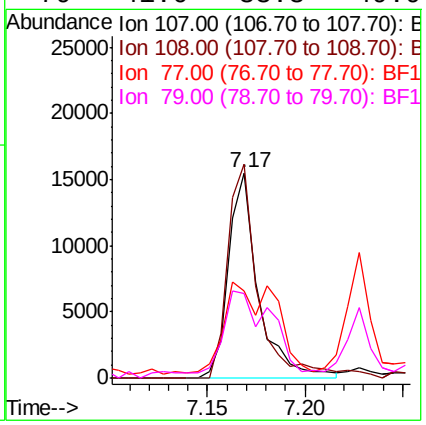


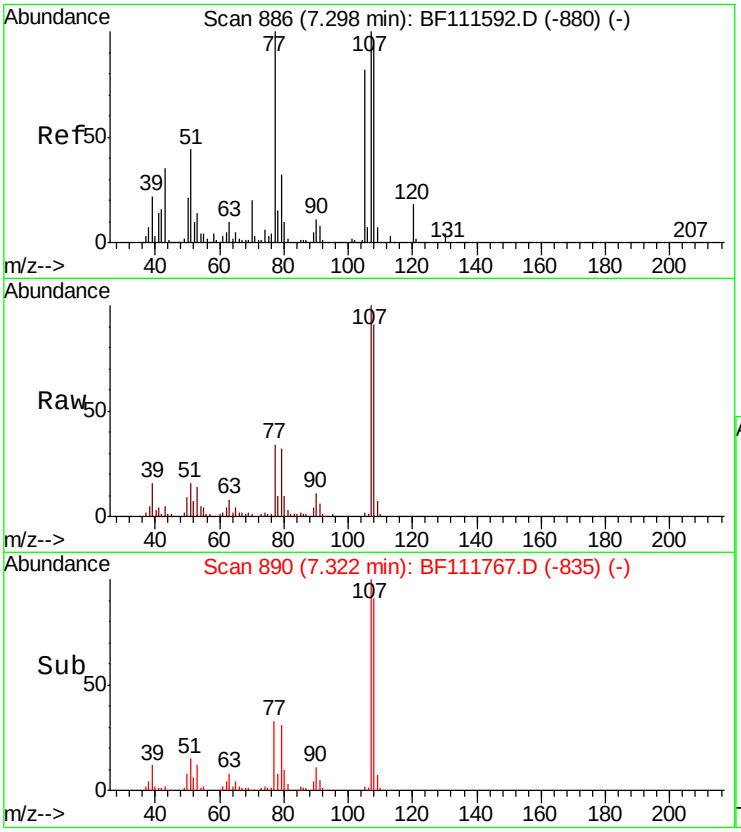


#17
2-Methylphenol
Concen: 2.325 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:107 Resp: 16436

Ion	Ratio	Lower	Upper
107	100		
108	104.1	91.0	136.4
77	42.6	33.5	50.3
79	41.0	33.3	49.9



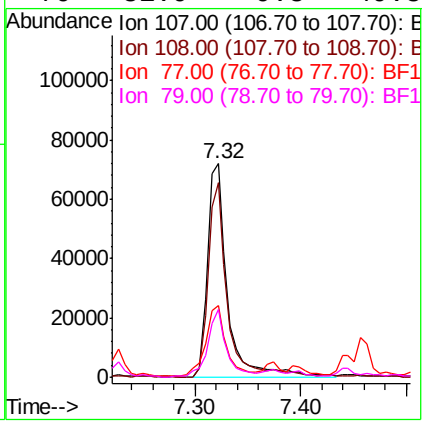


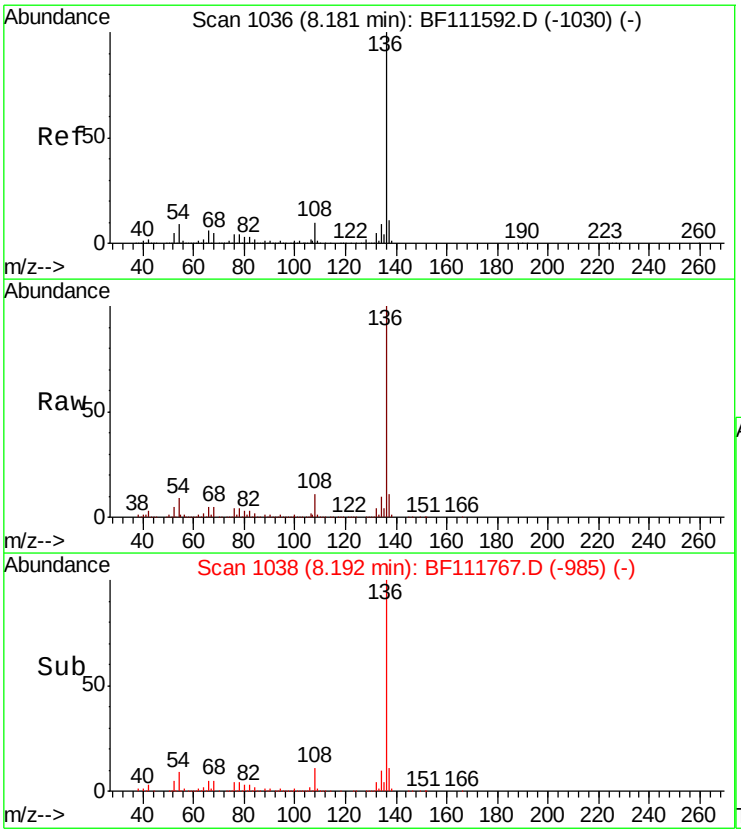
#20
3+4-Methylphenols
Concen: 10.814 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:107 Resp: 96595

Ion	Ratio	Lower	Upper
107	100		
108	91.0	72.1	112.1
77	33.8	94.1	134.1#
79	31.9	9.8	49.8

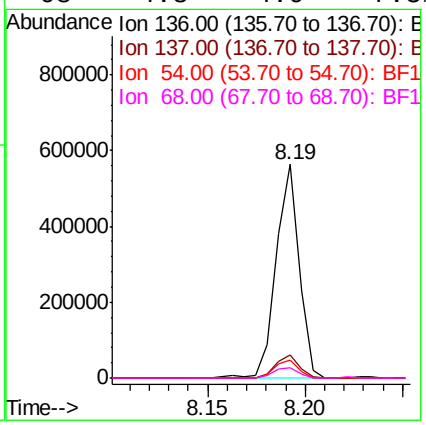


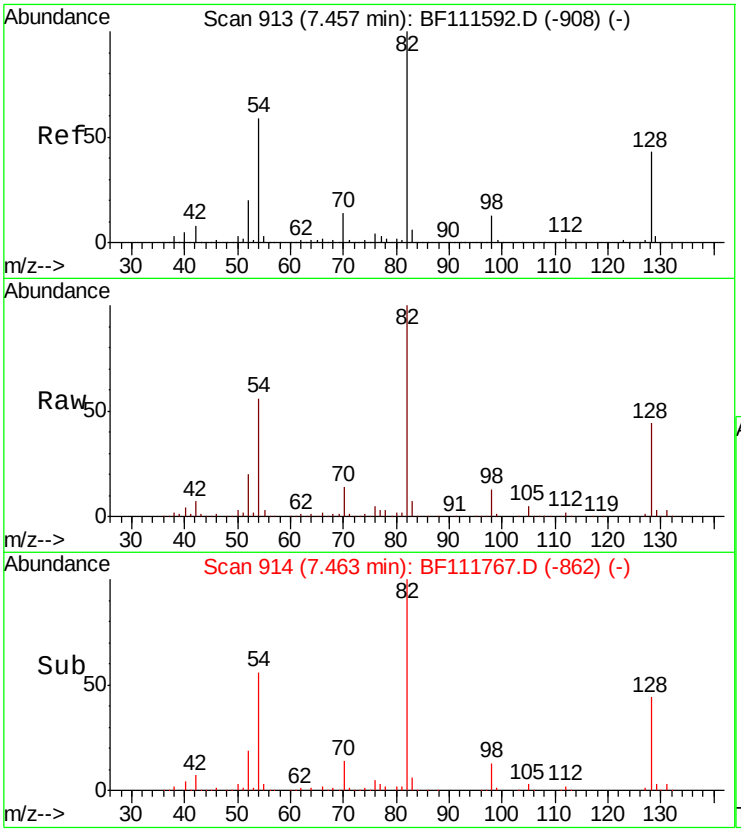


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:136 Resp: 460651

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.6	7.7	11.5
68	4.8	4.9	7.3#



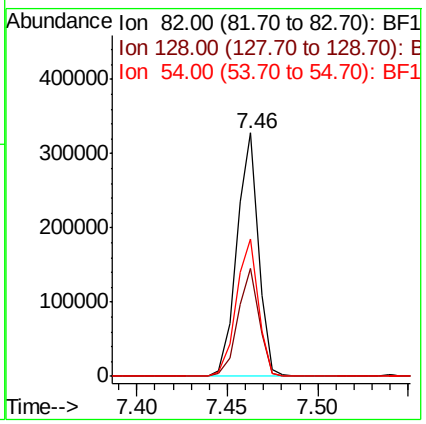


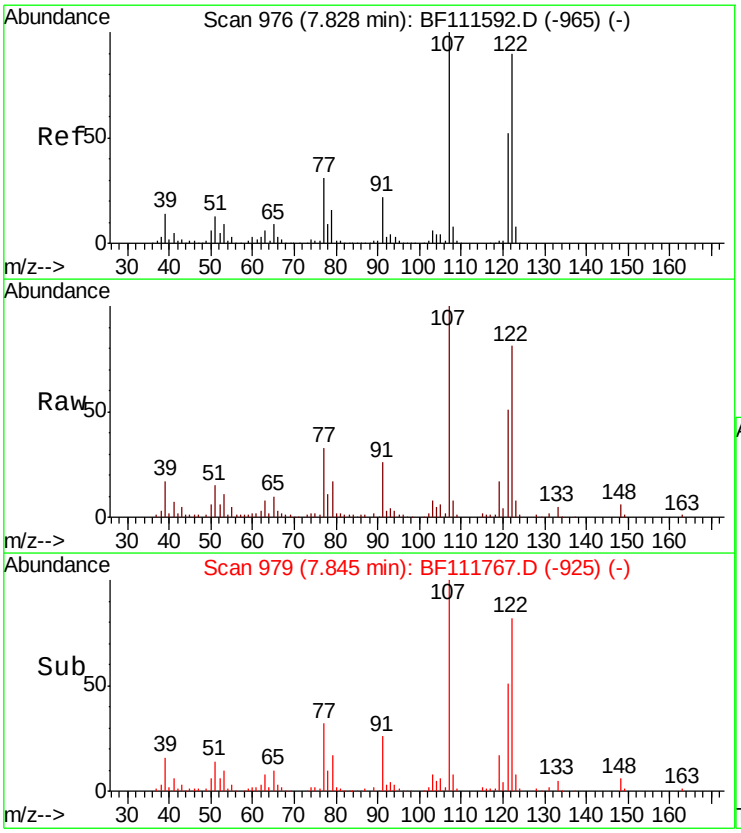
#23
Nitrobenzene-d5
Concen: 34.183 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion: 82 Resp: 270522

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	56.4	47.6	71.4

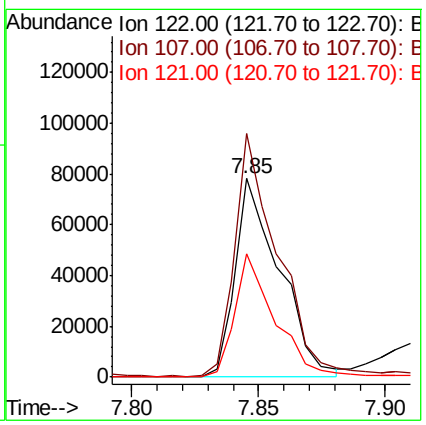


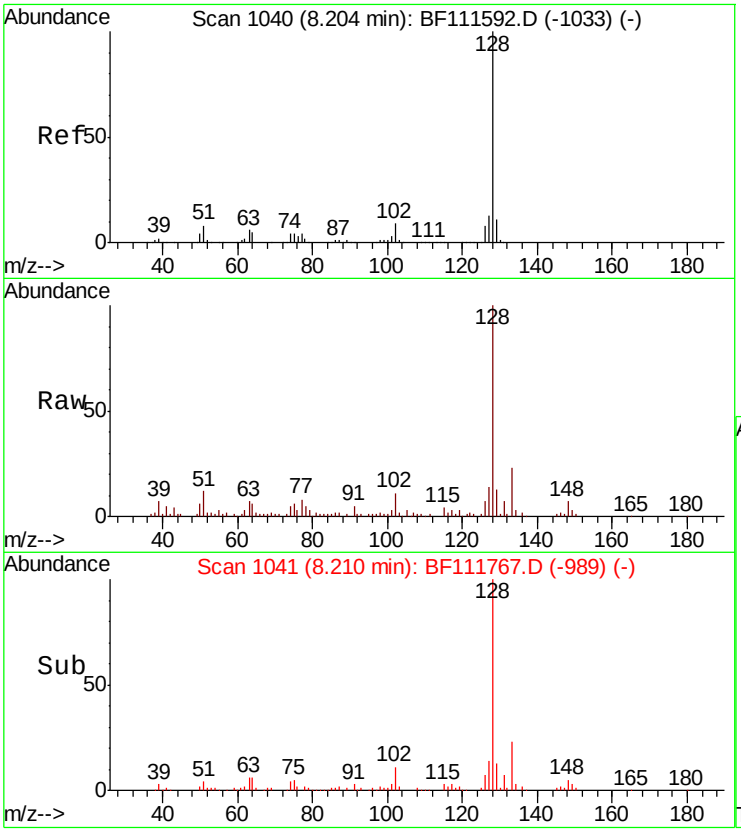


#27
2,4-Dimethylphenol
Concen: 14.370 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:122 Resp: 95290

Ion	Ratio	Lower	Upper
122	100		
107	122.8	85.5	128.3
121	62.3	46.6	70.0



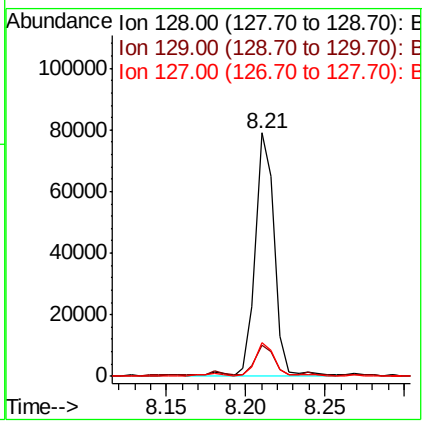


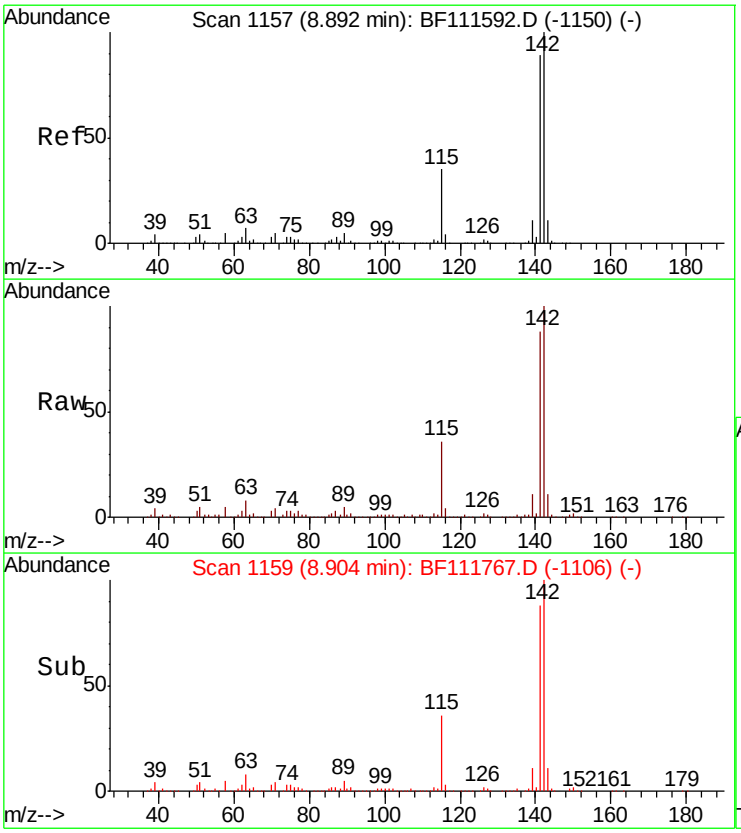
#31
Naphthalene
Concen: 2.957 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:128 Resp: 65457

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.8	14.8
127	13.6	12.0	18.0

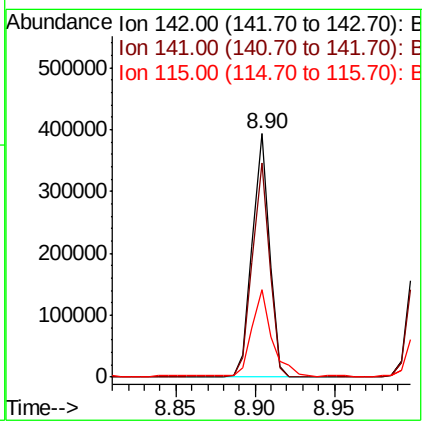


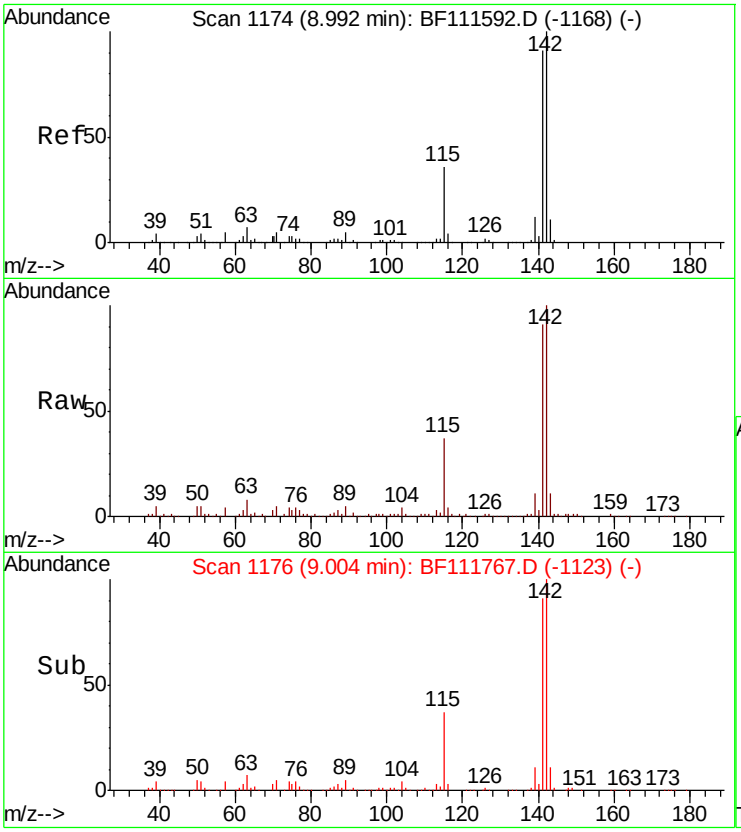


#37
2-Methylnaphthalene
Concen: 20.577 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:142 Resp: 296314

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	36.1	27.0	40.6



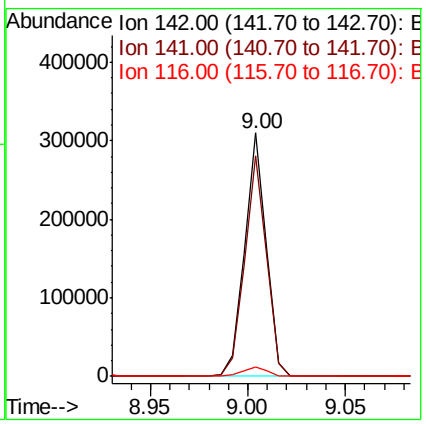


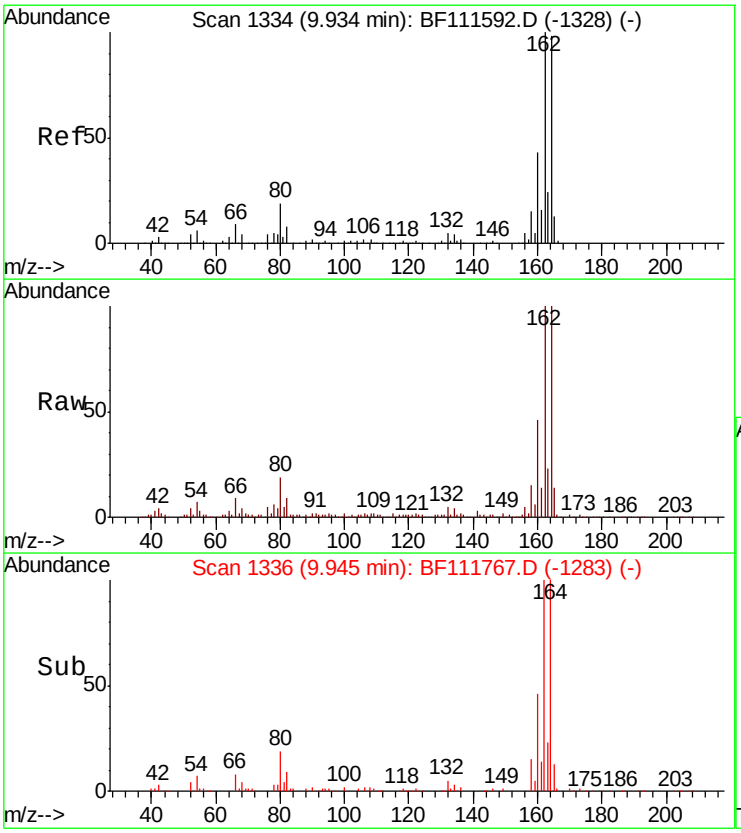
#38
1-Methylnaphthalene
Concen: 17.100 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:142 Resp: 236492

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	3.8	2.9	4.3

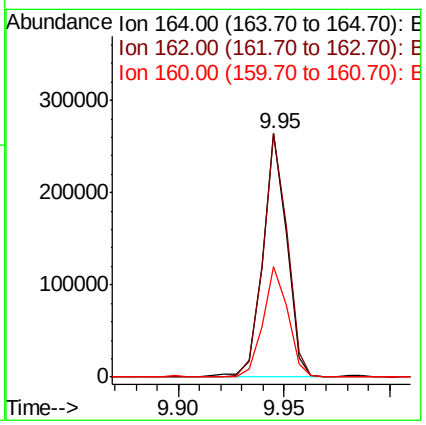


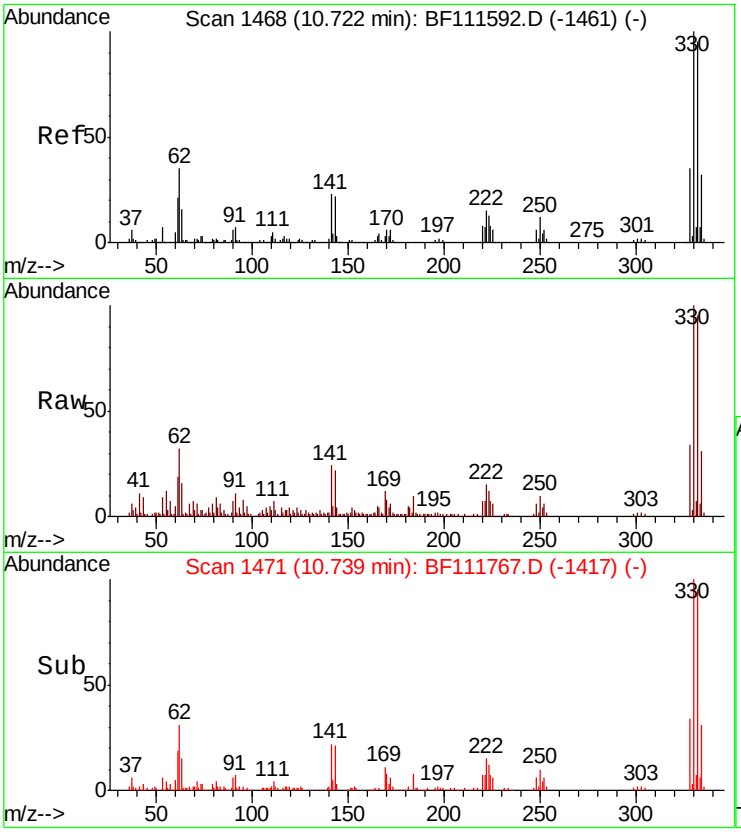


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:164 Resp: 208363

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.4	122.0
160	45.6	35.7	53.5



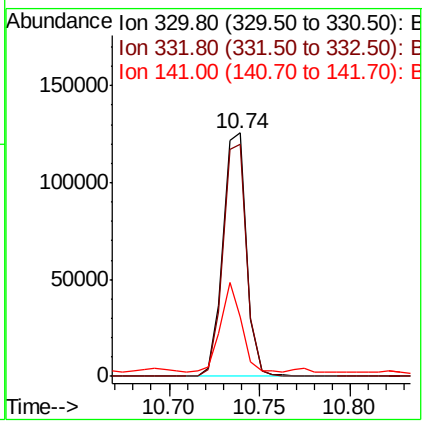


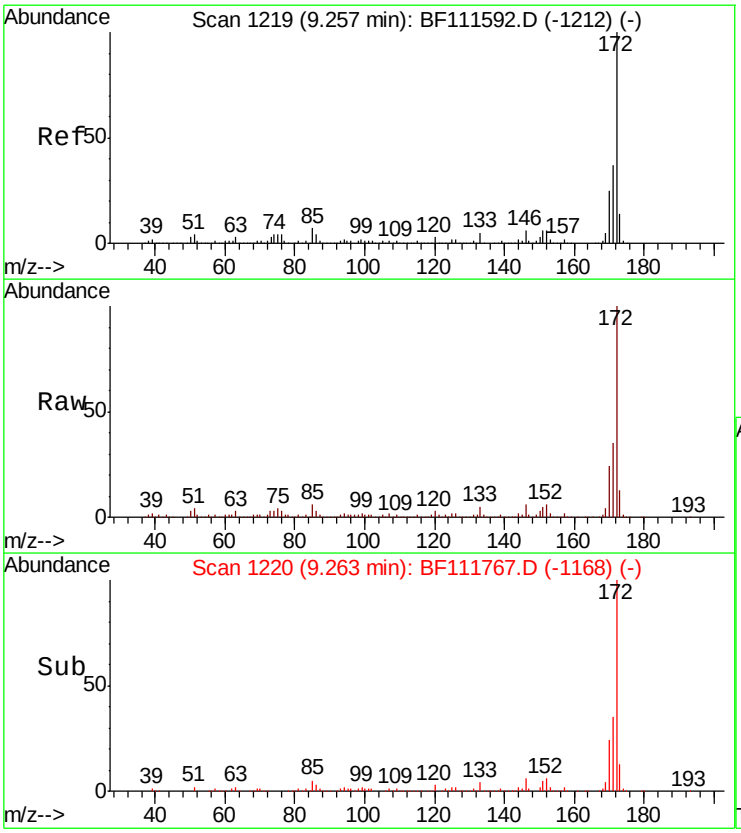
#42
2,4,6-Tribromophenol
Concen: 46.167 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:330 Resp: 113661

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	32.9	31.0	46.6

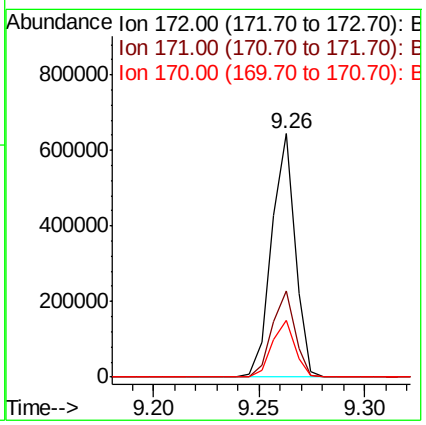


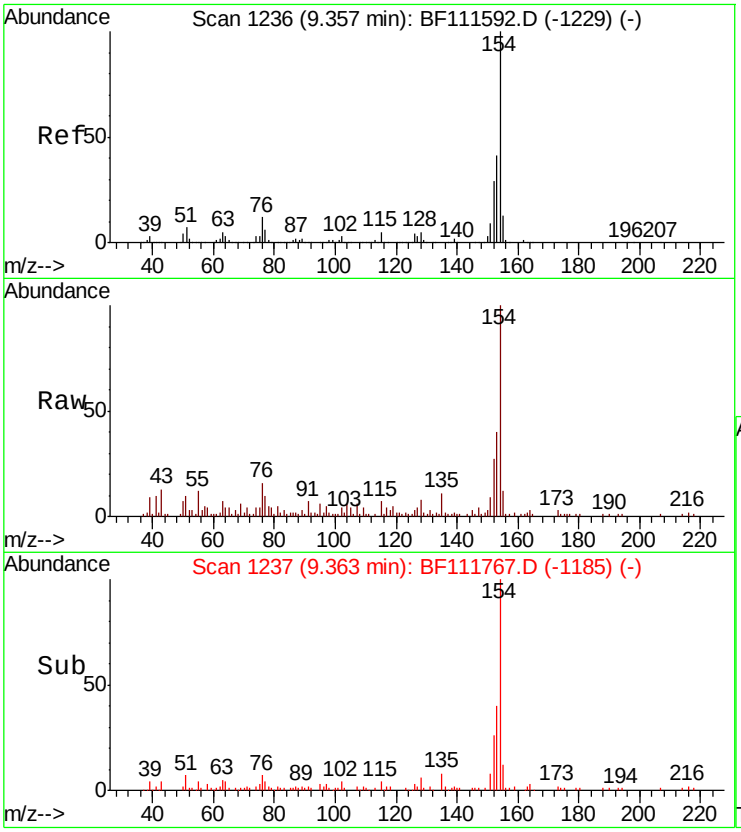


#45
2-Fluorobiphenyl
Concen: 34.832 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:172 Resp: 497926

Ion	Ratio	Lower	Upper
172	100		
171	35.4	33.0	49.4
170	23.5	22.3	33.5



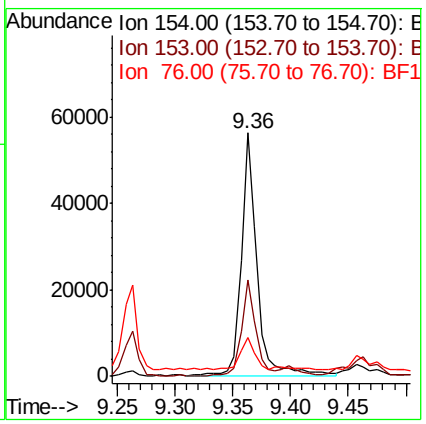


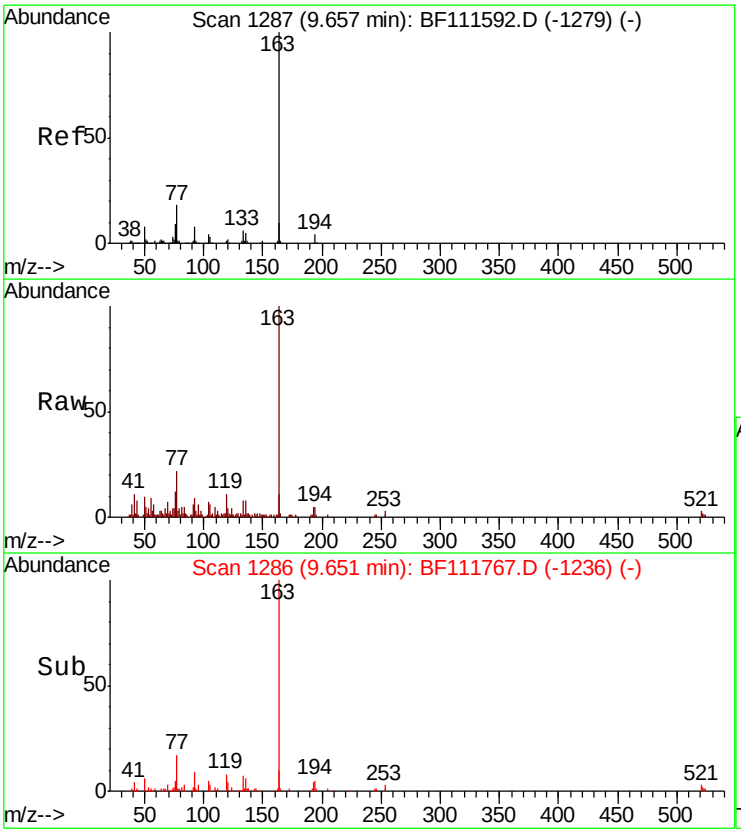
#46
1,1'-Biphenyl
Concen: 3.076 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:154 Resp: 54104

Ion	Ratio	Lower	Upper
154	100		
153	39.8	23.7	63.7
76	15.7	0.0	35.0

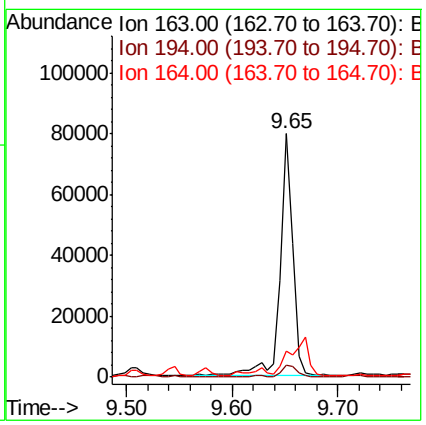


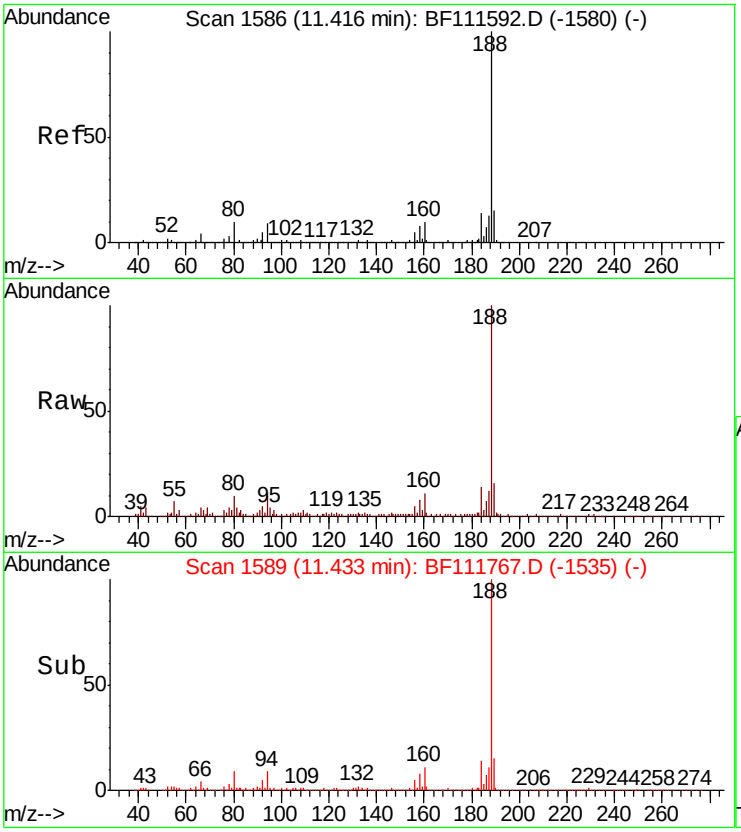


#50
Dimethylphthalate
Concen: 4.284 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:163 Resp: 65269

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	10.9	8.9	13.3



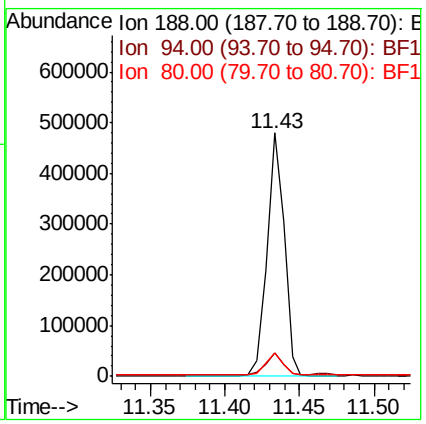


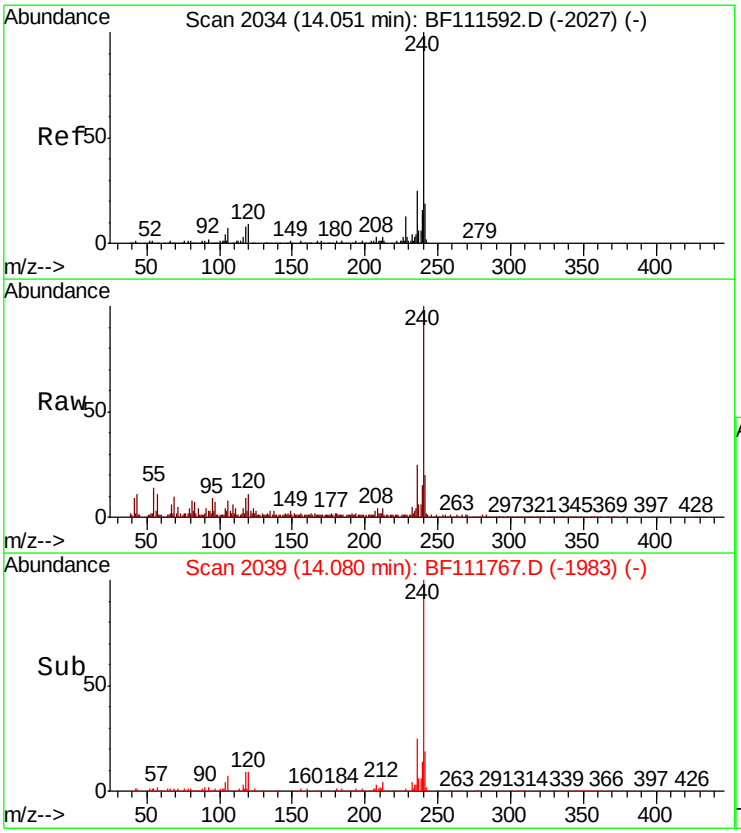
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:188 Resp: 377078

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.6	14.4
80	9.8	9.8	14.6#

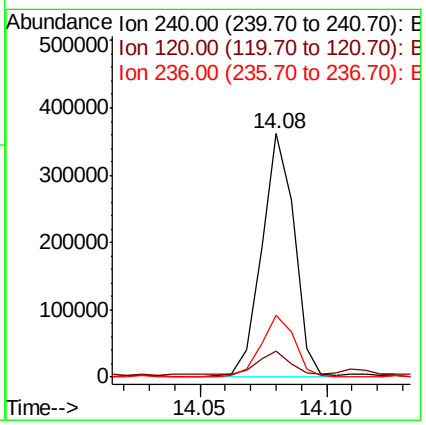


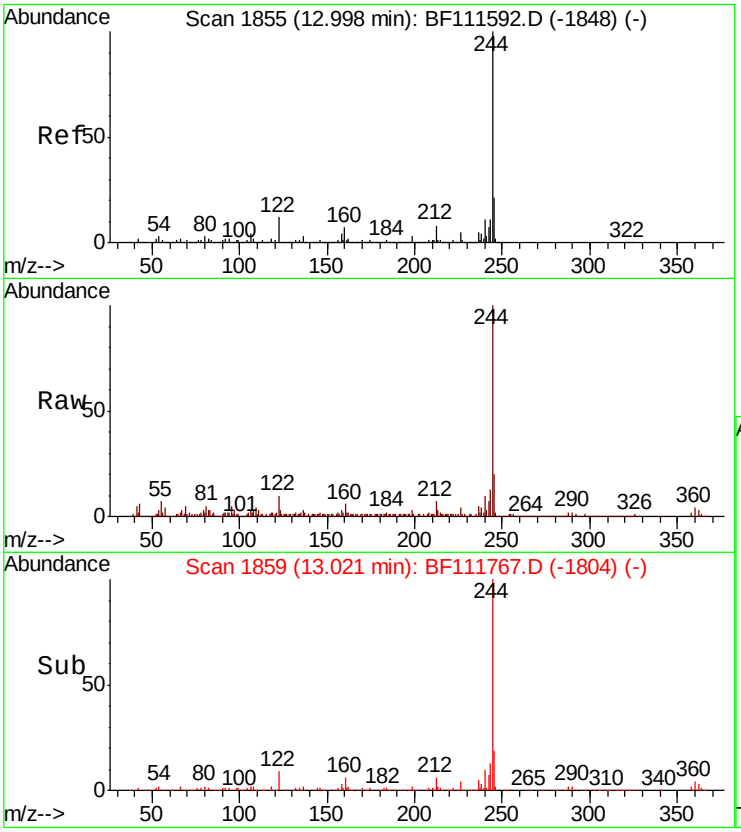


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.03 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:240 Resp: 317602

Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.2	18.2#
236	25.4	20.2	30.2



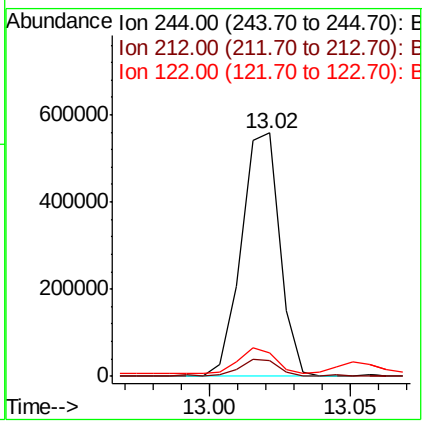


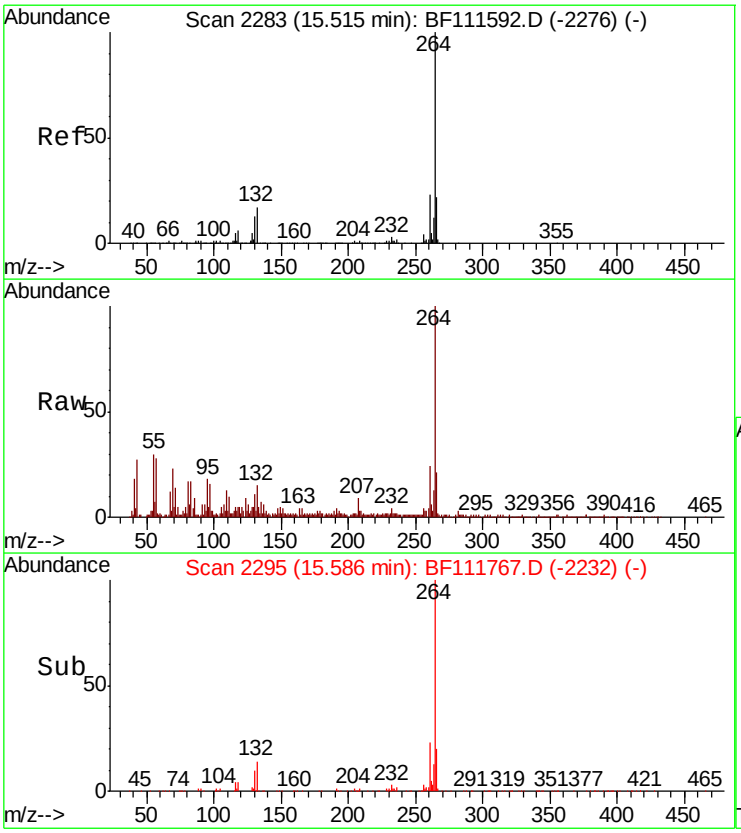
#79
Terphenyl-d14
Concen: 31.408 ng
RT: 13.02 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Instrument :
BNA_F
ClientSampleId :
P001-SS020-0002-01

Tgt Ion:244 Resp: 526009

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.6	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.07 min
Lab File: BF111767.D
Acq: 27 Dec 2018 17:25

Tgt Ion:264 Resp: 228678

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.0	17.7	26.5