Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111784.D
Acq On : 28 Dec 2018 8:35
Operator : JU/SJ
Sample : J6426-05DL 50X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DS002-01DL

Quant Time: Dec 28 13:27:06 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	146368	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	571968	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	280860	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	487032	20.00	ng		0.02
76) Chrysene-d12	14.07	240	361747	20.00	ng		0.02
87) Perylene-d12	15.56	264	327524	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2390	0.28	ng		0.02
7) Phenol-d6	6.54	99	3059	0.28	ng		0.02
23) Nitrobenzene-d5	7.46	82	2343	0.24	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	699	0.21	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4618	0.24	ng		0.00
79) Terphenyl-d14	13.00	244	9979	0.52	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.96	79	32022	3.690	ng	#	1
17) 2-Methylphenol	7.32	107	142438	18.701	ng		87
18) Hexachloroethane	7.44	117	15222	4.040	ng	#	1
20) 3+4-Methylphenols	7.32	107	142439	14.800	ng	#	62
22) Acetophenone	7.30	105	39378	2.718	ng	#	50
27) 2,4-Dimethylphenol	7.84	122	192271	23.351	ng		93
28) bis(2-Chloroethoxy)methane	7.98	93	29016	2.500	ng	#	1
31) Naphthalene	8.21	128	275171	10.013	ng		96
32) Benzoic acid	7.98	122	603056	110.774	ng	#	17
33) 4-Chloroaniline	8.21	127	36438	3.068	ng	#	37
37) 2-Methylnaphthalene	8.90	142	708818	39.643	ng		97
38) 1-Methylnaphthalene	9.00	142	418593	24.376	ng		97
46) 1,1'-Biphenyl	9.36	154	71389	3.011	ng		96
54) 2,4-Dinitrophenol	10.14	184	147	7.409	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.51	198	164	6.763	ng	#	1

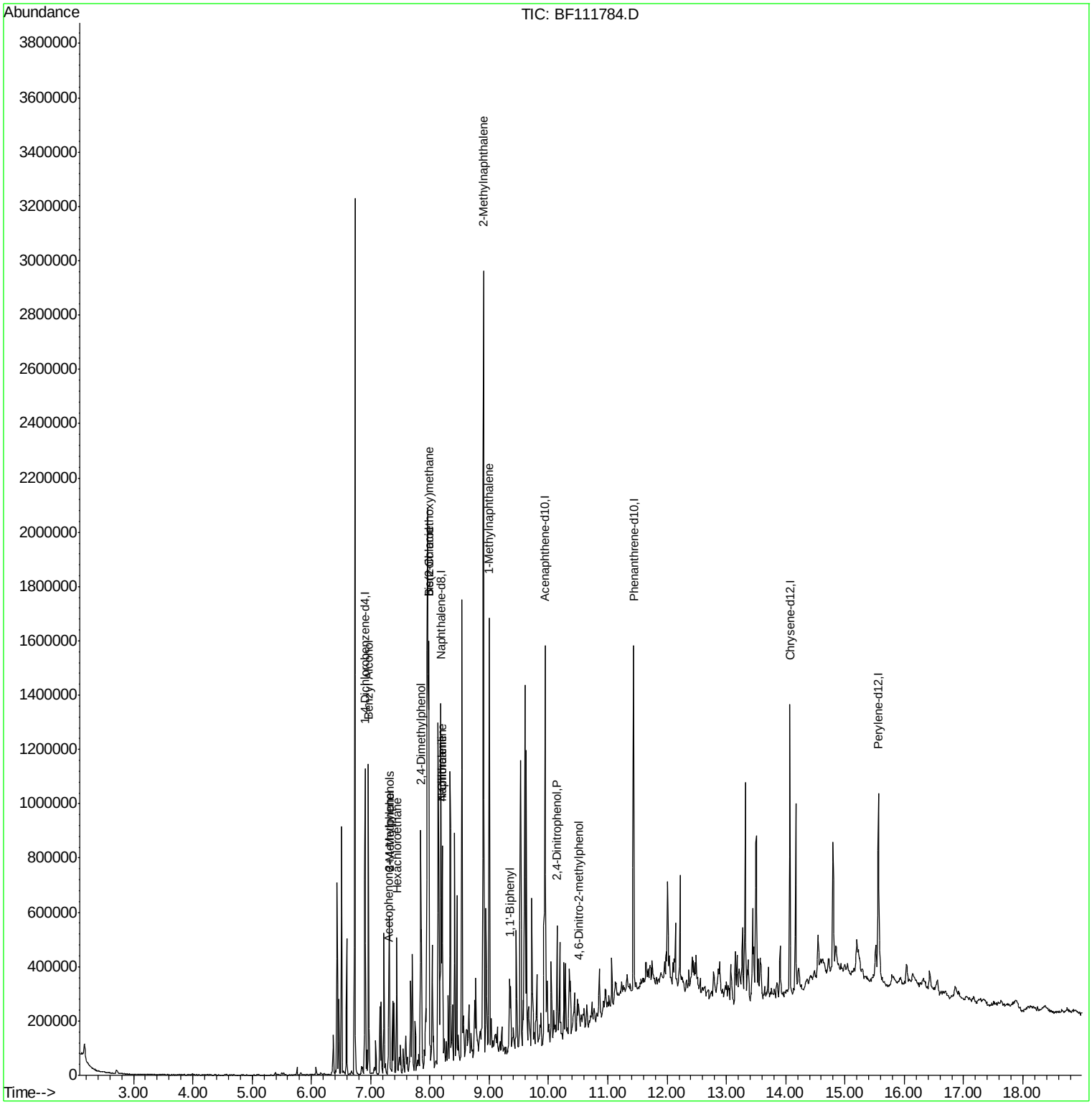
(#) = qualifier out of range (m) = manual integration (+) = signals summed

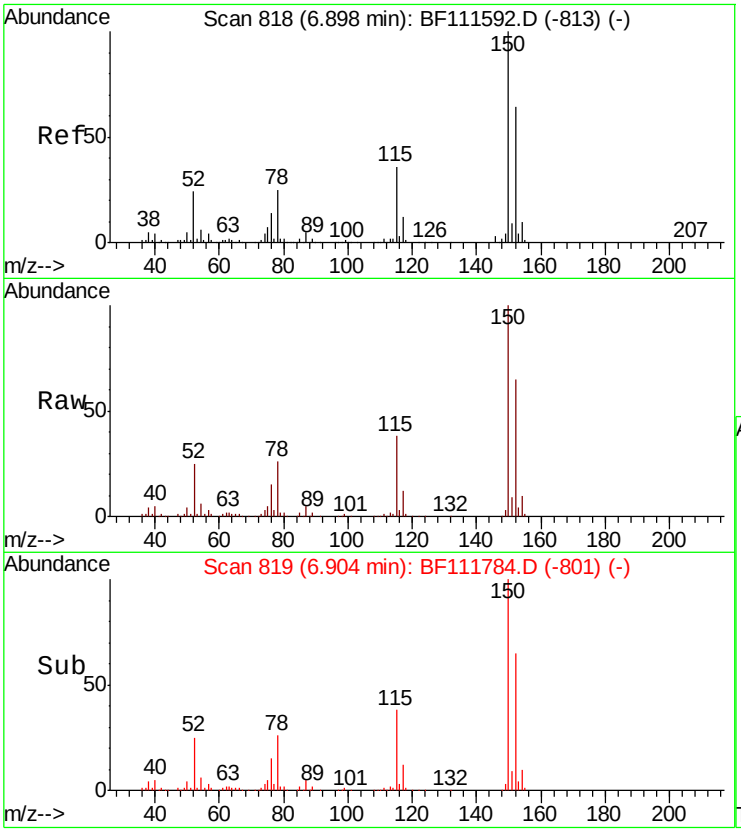
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111784.D
Acq On : 28 Dec 2018 8:35
Operator : JU/SJ
Sample : J6426-05DL 50X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Quant Time: Dec 28 13:27:06 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



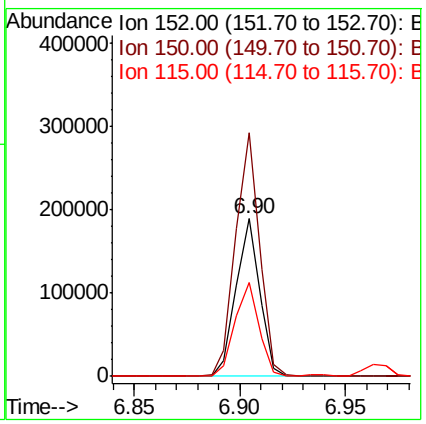


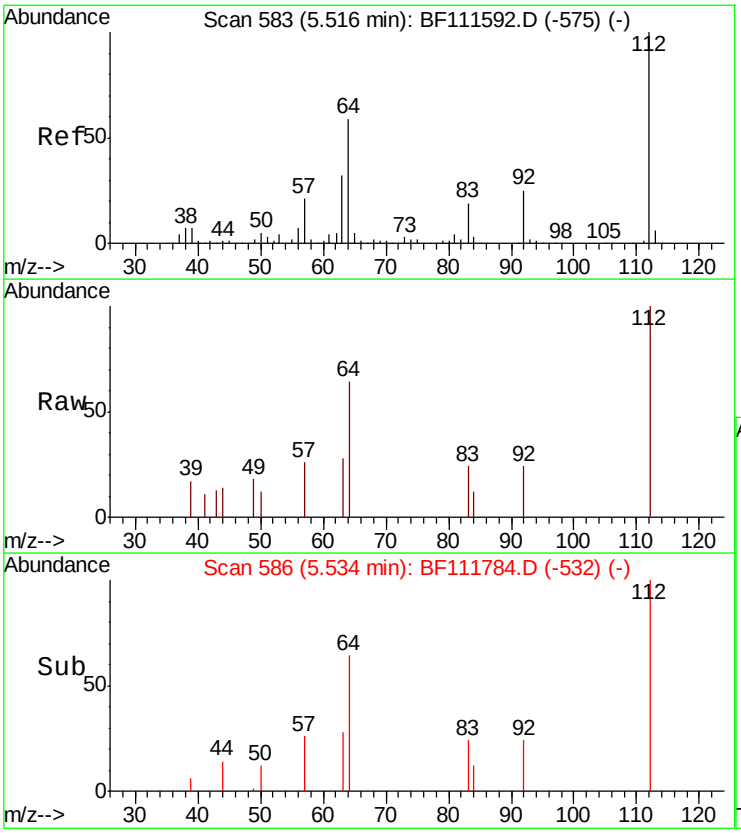
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:152 Resp: 146368

Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	59.3	50.7	76.1

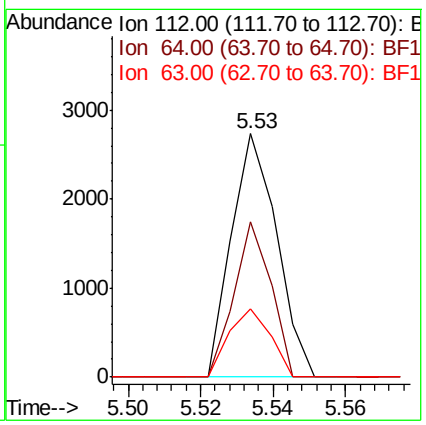


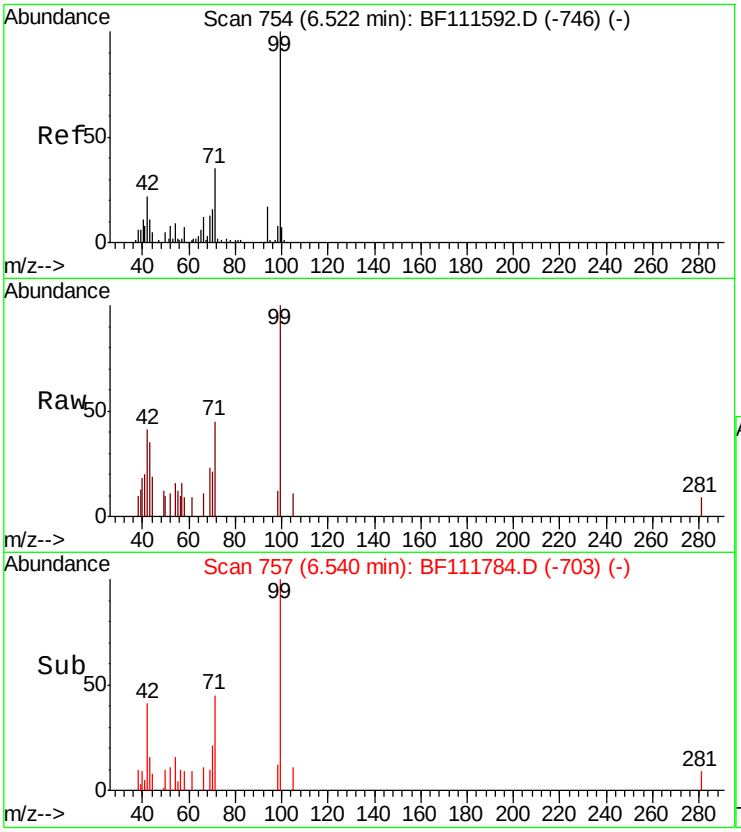


#5
2-Fluorophenol
Concen: 0.278 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:112 Resp: 2390

Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.6
63	28.2	26.8	40.2



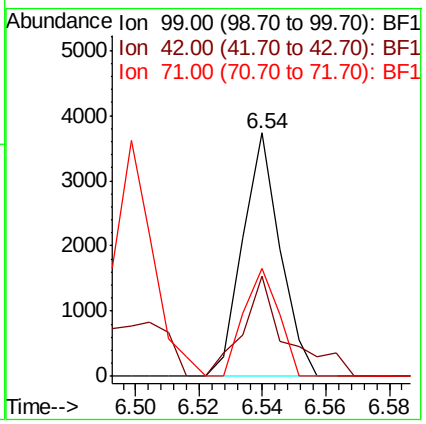


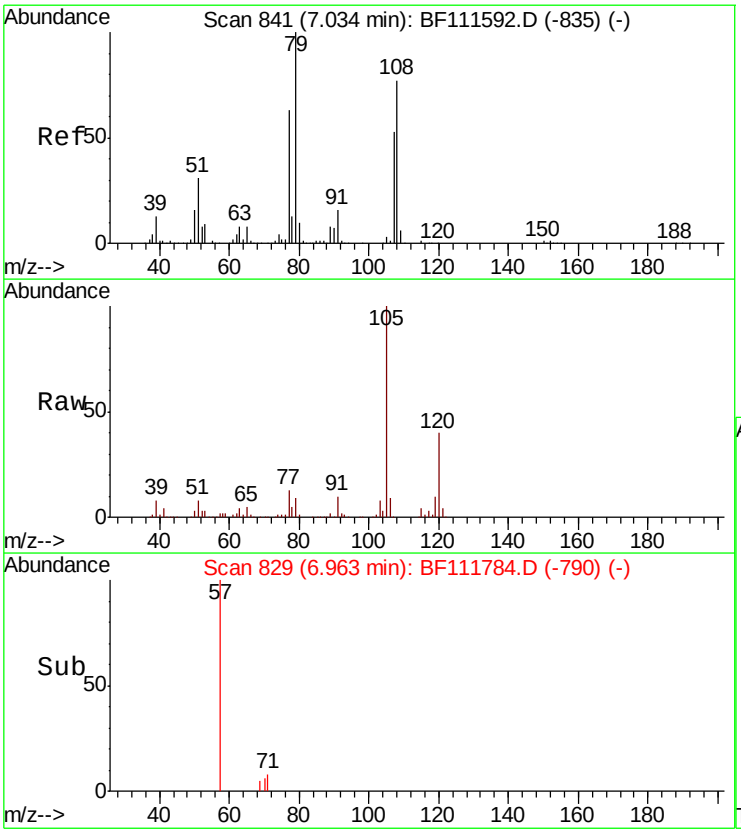
#7
Phenol-d6
Concen: 0.280 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion: 99 Resp: 3059

Ion	Ratio	Lower	Upper
99	100		
42	41.2	17.4	26.0#
71	44.5	26.1	39.1#

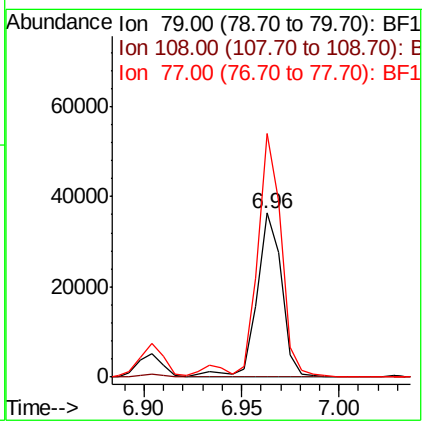


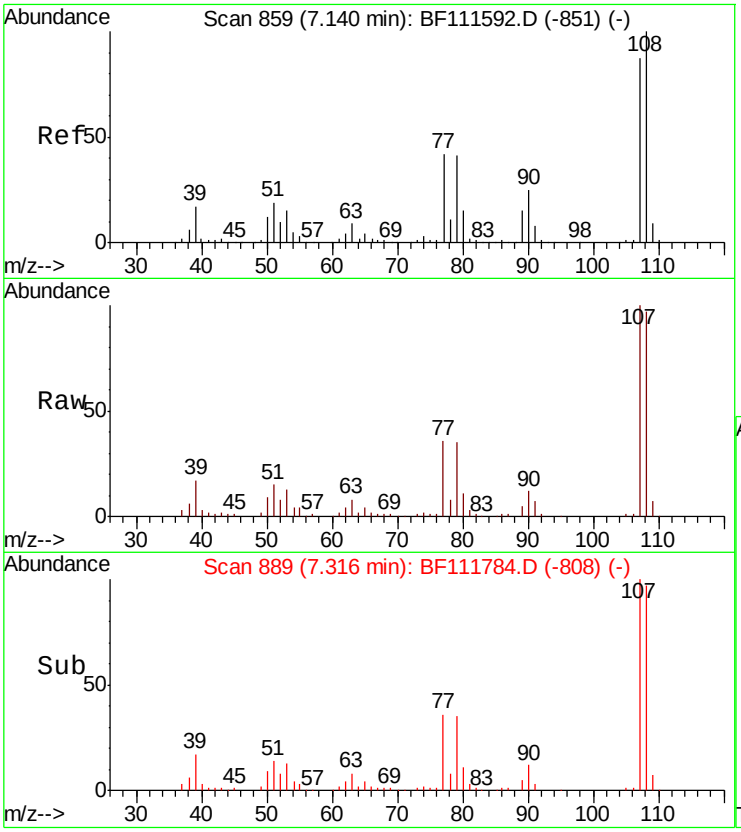


#15
Benzyl Alcohol
Concen: 3.690 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.07 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion: 79 Resp: 32022

Ion	Ratio	Lower	Upper
79	100		
108	0.0	69.4	104.2#
77	148.4	49.7	74.5#



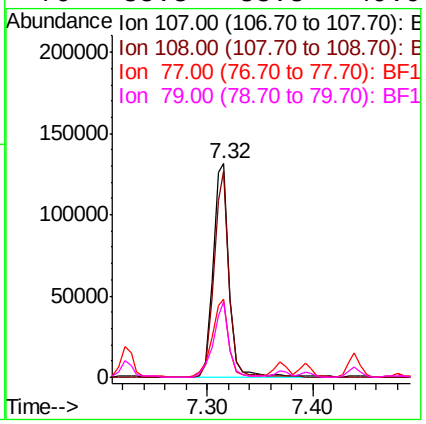


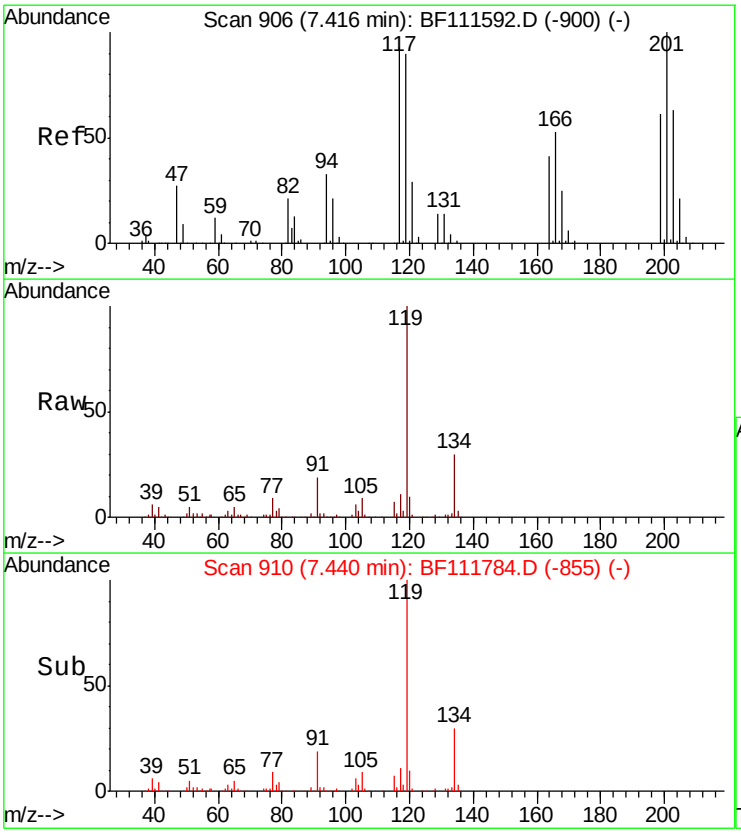
#17
2-Methylphenol
Concen: 18.701 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.18 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:107 Resp: 142438

Ion	Ratio	Lower	Upper
107	100		
108	96.8	91.0	136.4
77	36.3	33.5	50.3
79	35.3	33.3	49.9

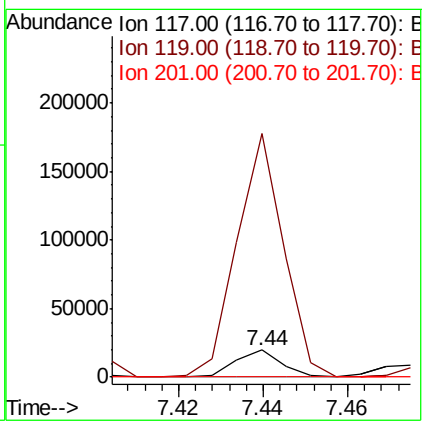


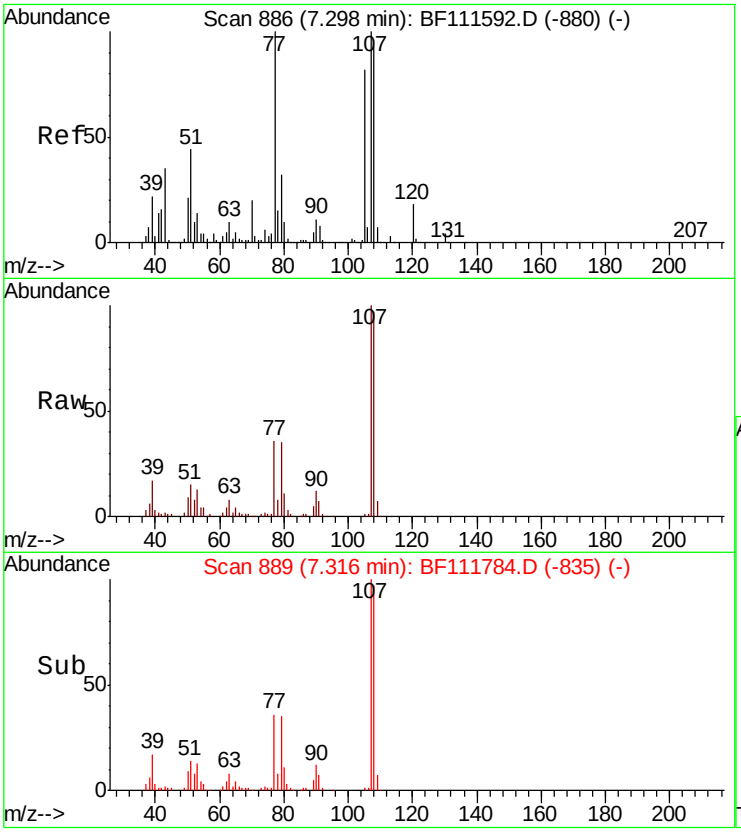


#18
Hexachloroethane
Concen: 4.040 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:117 Resp: 15222

Ion	Ratio	Lower	Upper
117	100		
119	901.7	75.4	113.0#
201	0.0	62.4	93.6#



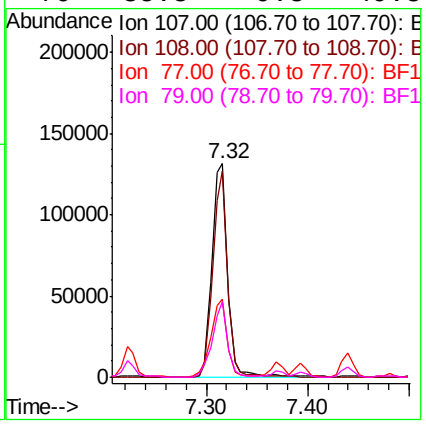


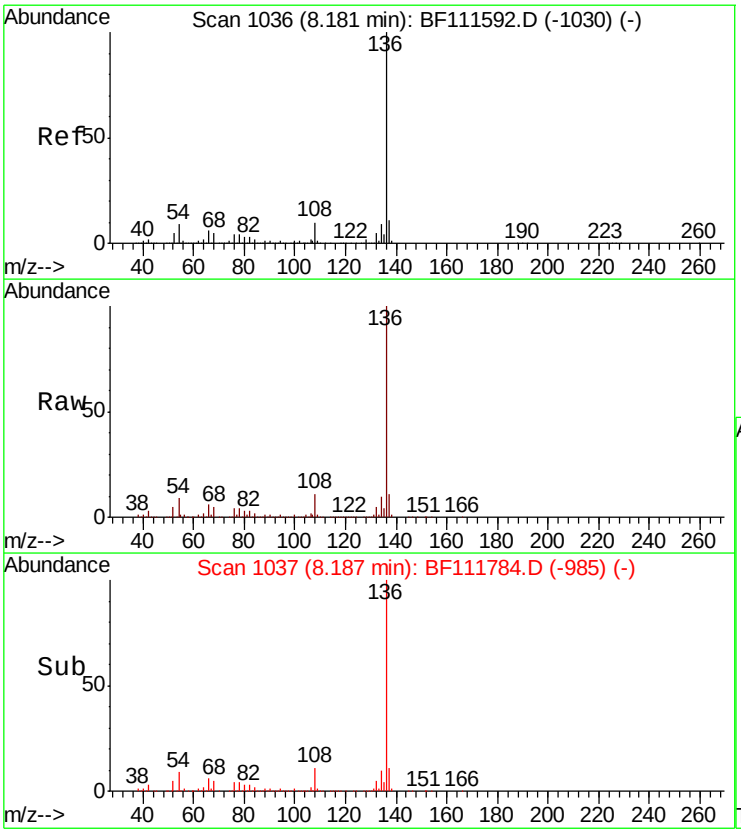
#20
3+4-Methylphenols
Concen: 14.800 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:107 Resp: 142439

Ion	Ratio	Lower	Upper
107	100		
108	96.8	72.1	112.1
77	36.3	94.1	134.1#
79	35.3	9.8	49.8

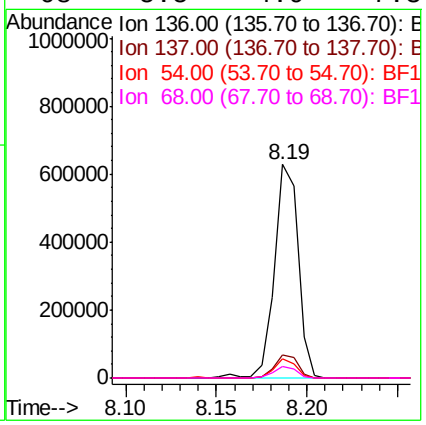


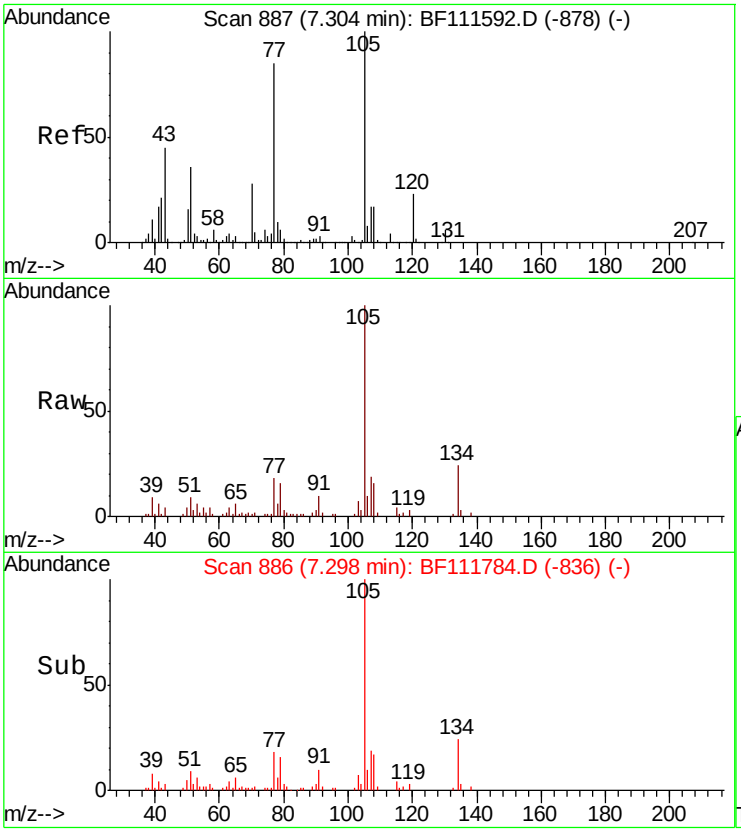


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:136 Resp: 571968

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.7	11.5
68	5.5	4.9	7.3



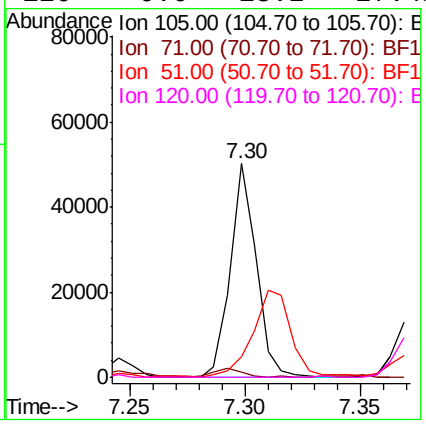


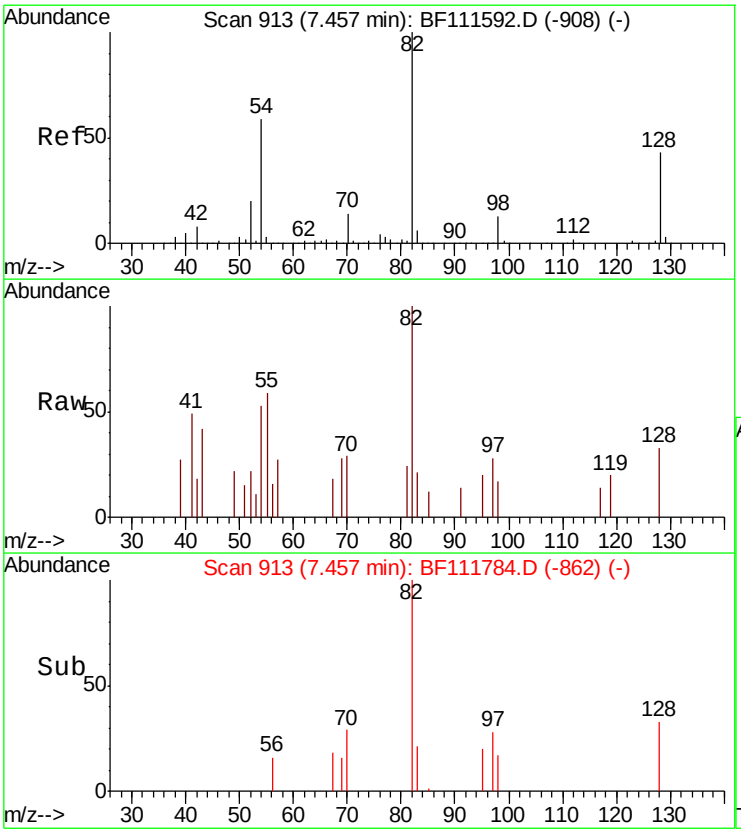
#22
Acetophenone
Concen: 2.718 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:105 Resp: 39378

Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.1	4.7#
51	9.3	36.6	54.8#
120	0.0	18.2	27.4#

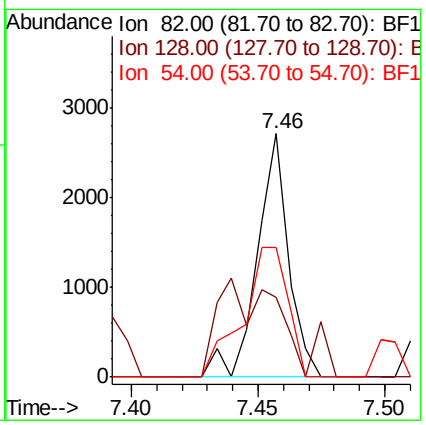


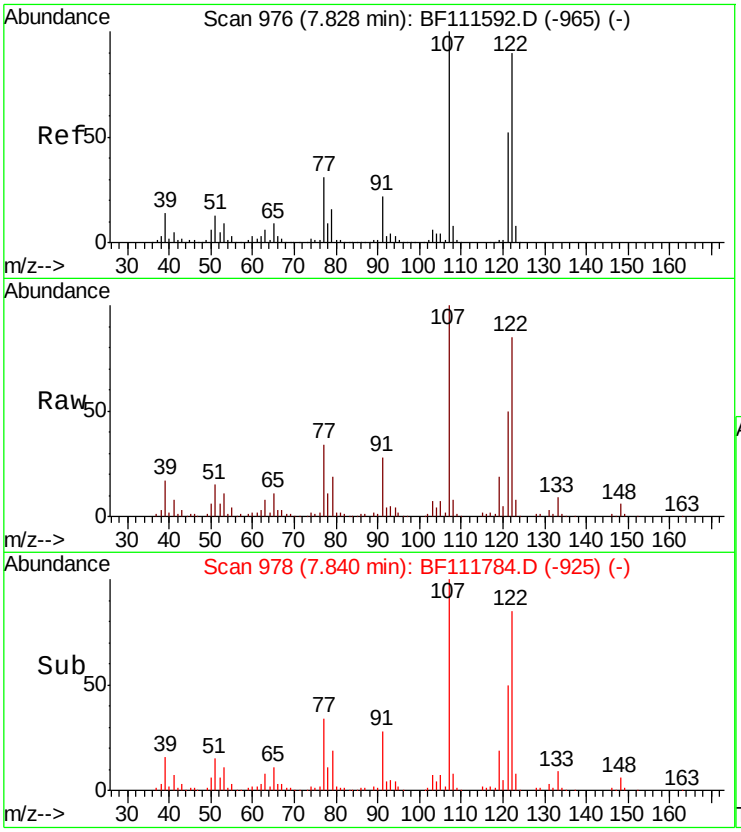


#23
Nitrobenzene-d5
Concen: 0.238 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion: 82 Resp: 2343

Ion	Ratio	Lower	Upper
82	100		
128	32.6	37.4	56.2#
54	53.4	47.6	71.4



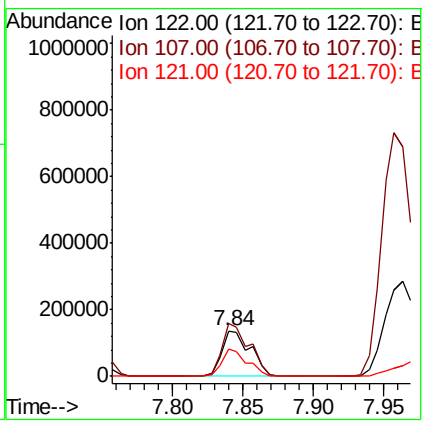


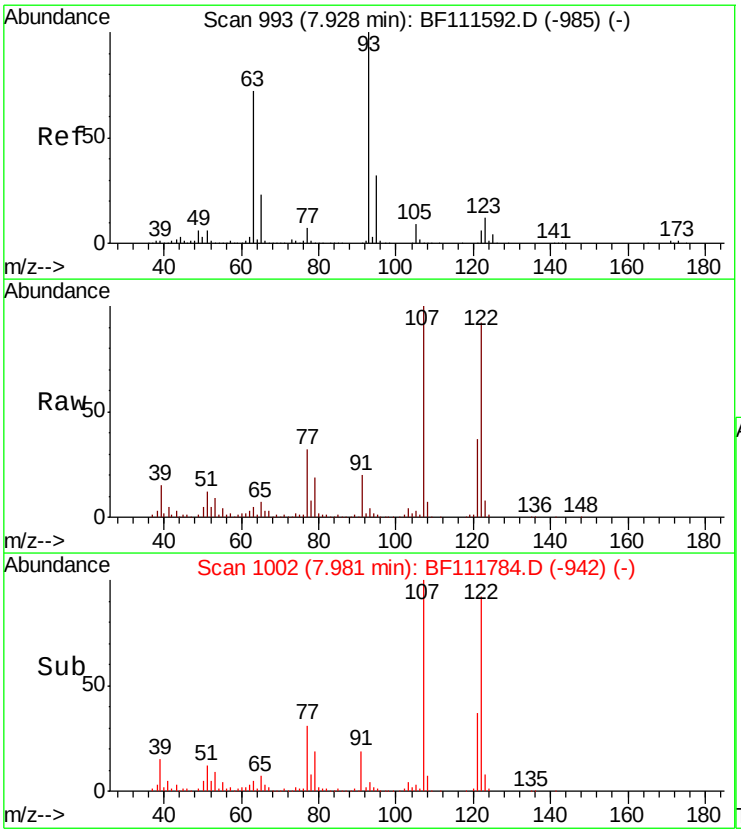
#27
2,4-Dimethylphenol
Concen: 23.351 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:122 Resp: 192271

Ion	Ratio	Lower	Upper
122	100		
107	117.3	85.5	128.3
121	58.8	46.6	70.0

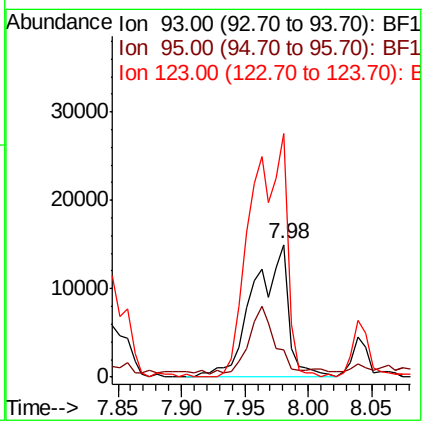


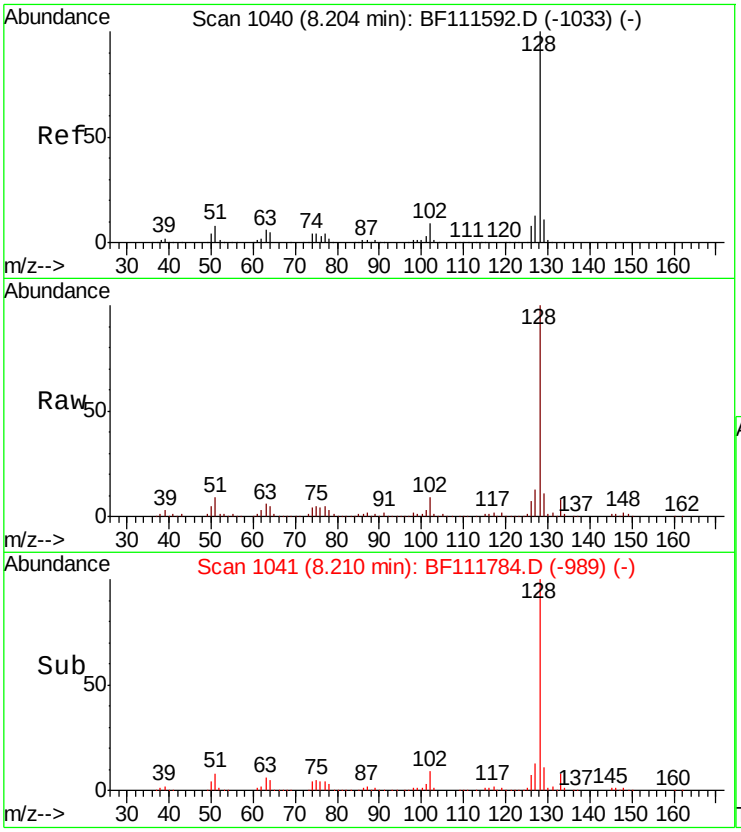


#28
bis(2-Chloroethoxy)methane
Concen: 2.500 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.05 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion: 93 Resp: 29016

Ion	Ratio	Lower	Upper
93	100		
95	21.1	27.1	40.7#
123	183.6	9.9	14.9#

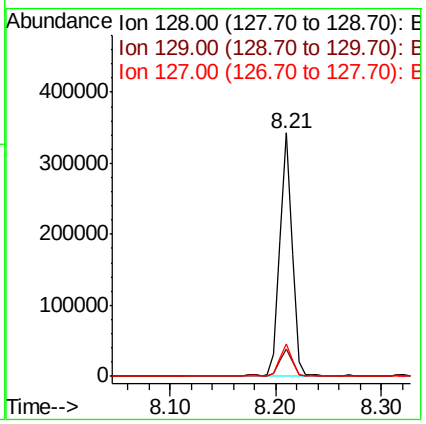




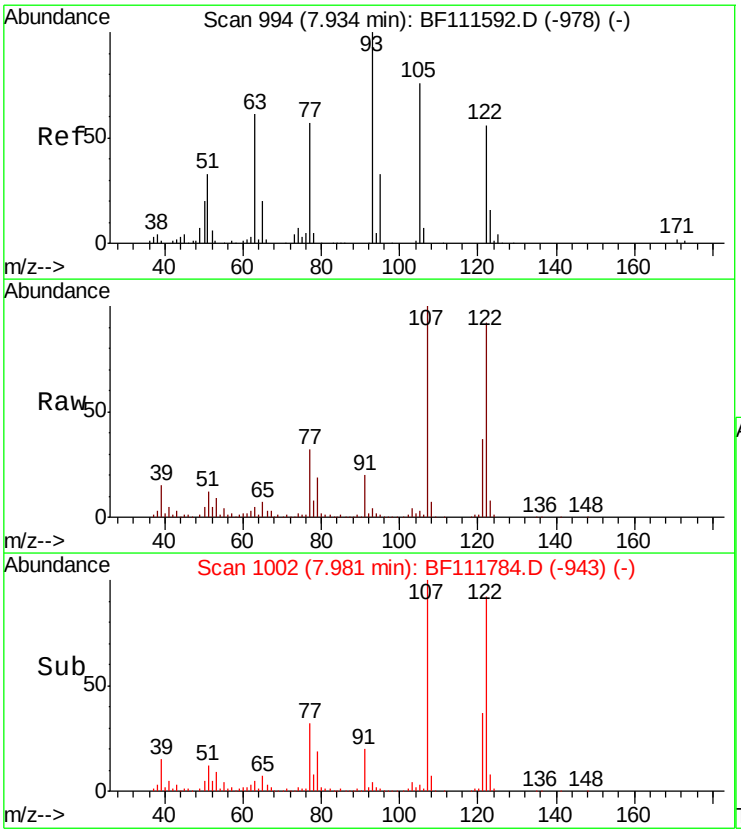
#31
Naphthalene
Concen: 10.013 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:128 Resp: 275171

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.1	12.0	18.0



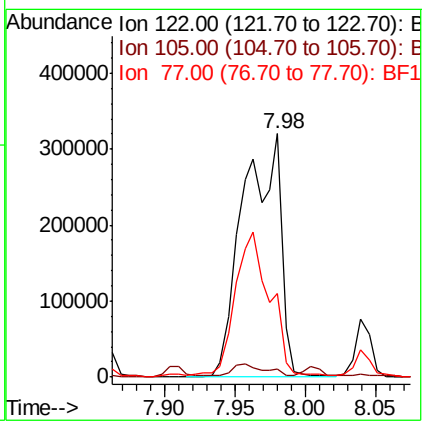
Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

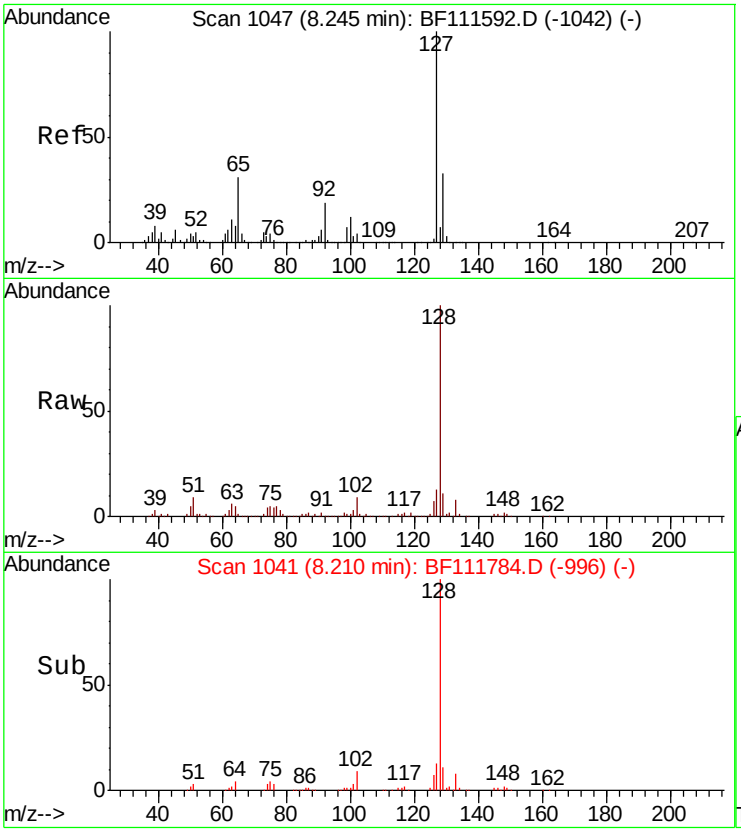


#32
Benzoic acid
Concen: 110.774 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.05 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:122 Resp: 603056

Ion	Ratio	Lower	Upper
122	100		
105	3.5	97.0	137.0#
77	34.5	65.7	105.7#



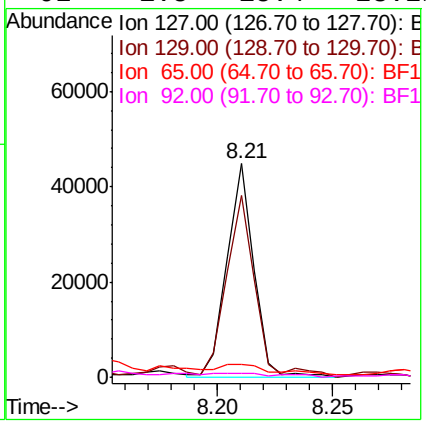


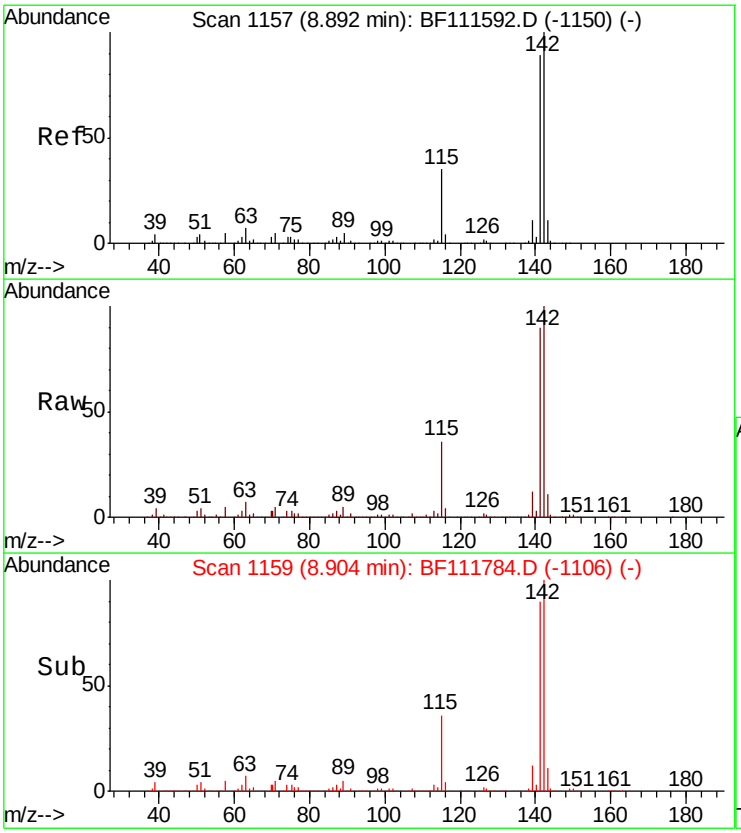
#33
4-Chloroaniline
Concen: 3.068 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.04 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:127 Resp: 36438

Ion	Ratio	Lower	Upper
127	100		
129	85.3	26.6	39.8#
65	6.3	25.7	38.5#
92	1.5	15.4	23.2#

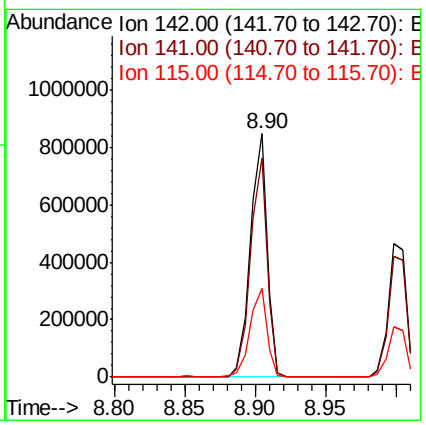


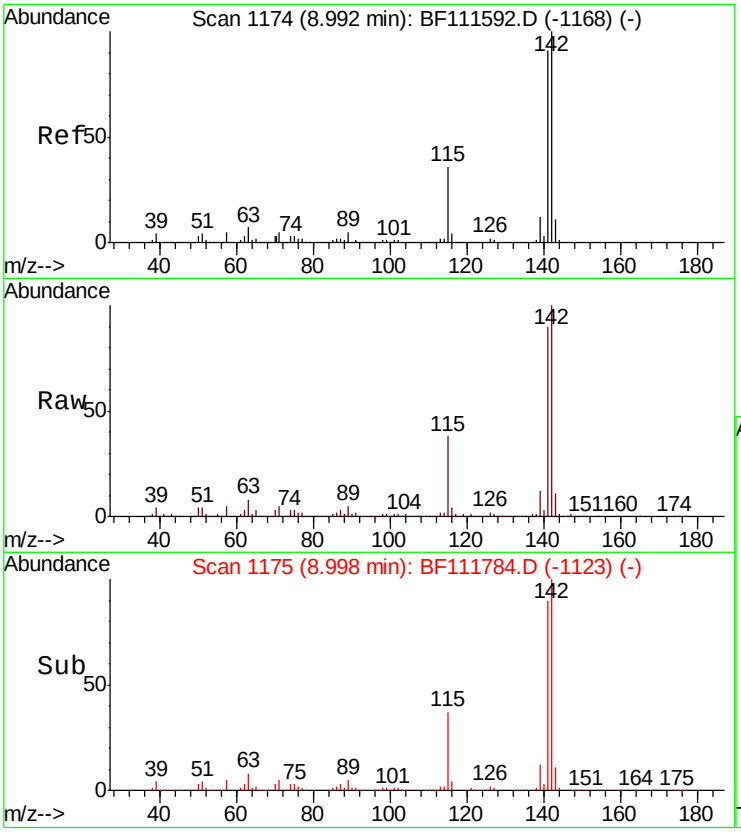


#37
2-Methylnaphthalene
Concen: 39.643 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:142 Resp: 708818

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	105.8
115	36.5	27.0	40.6



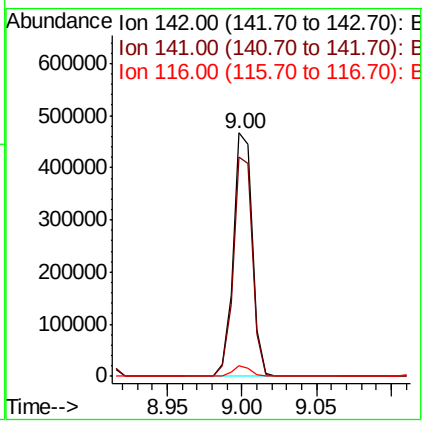


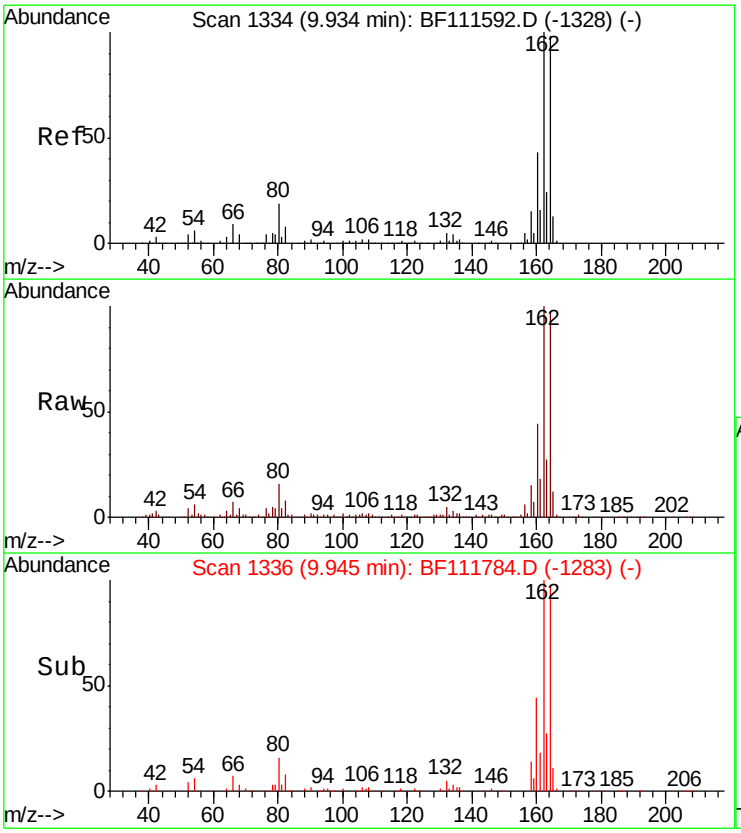
#38
1-Methylnaphthalene
Concen: 24.376 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:142 Resp: 418593

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	4.1	2.9	4.3

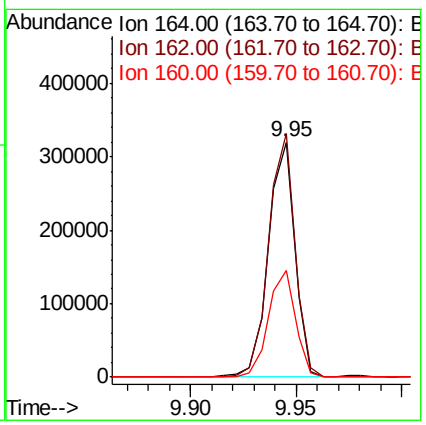


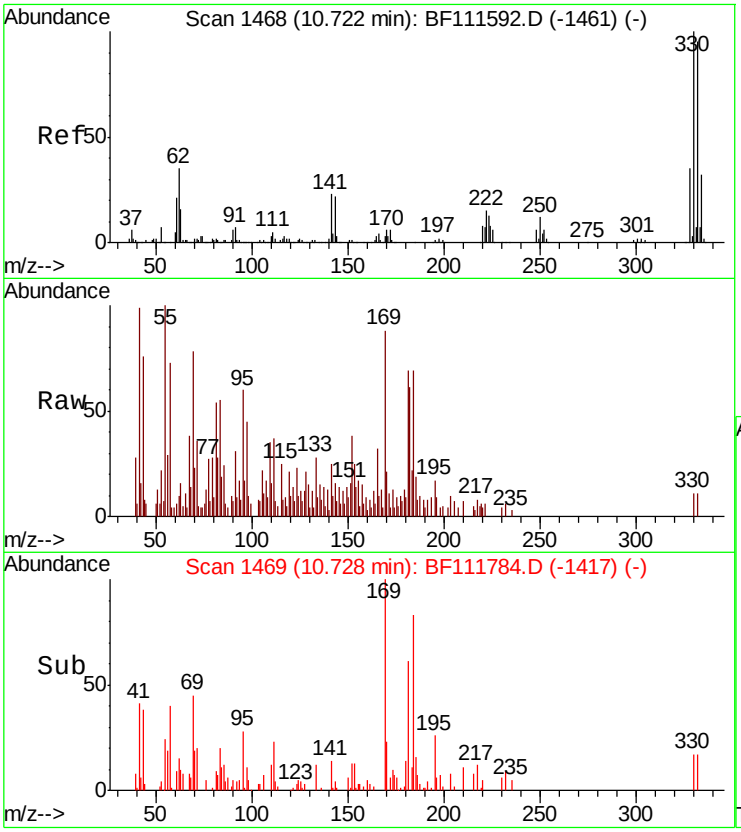


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:164 Resp: 280860

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	45.4	35.7	53.5



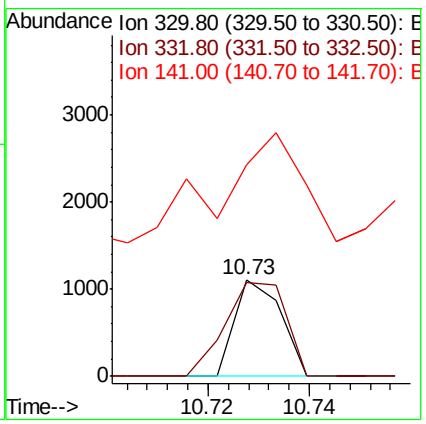


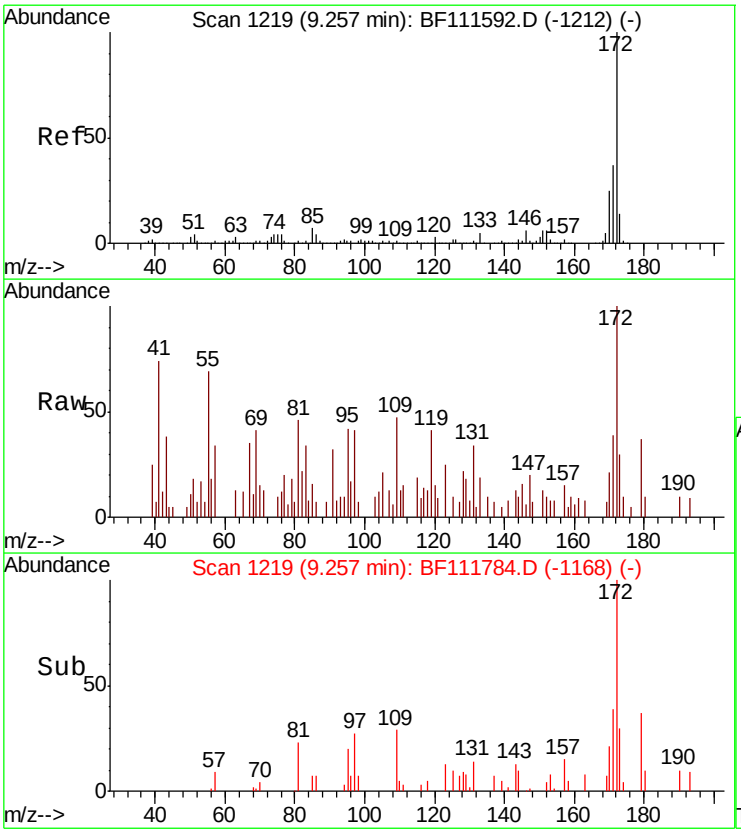
#42
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:330 Resp: 699

Ion	Ratio	Lower	Upper
330	100		
332	128.5	76.0	114.0#
141	323.6	31.0	46.6#

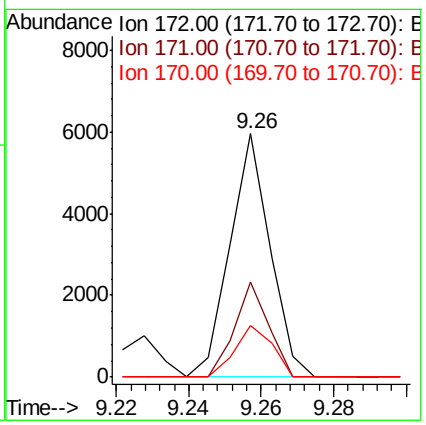


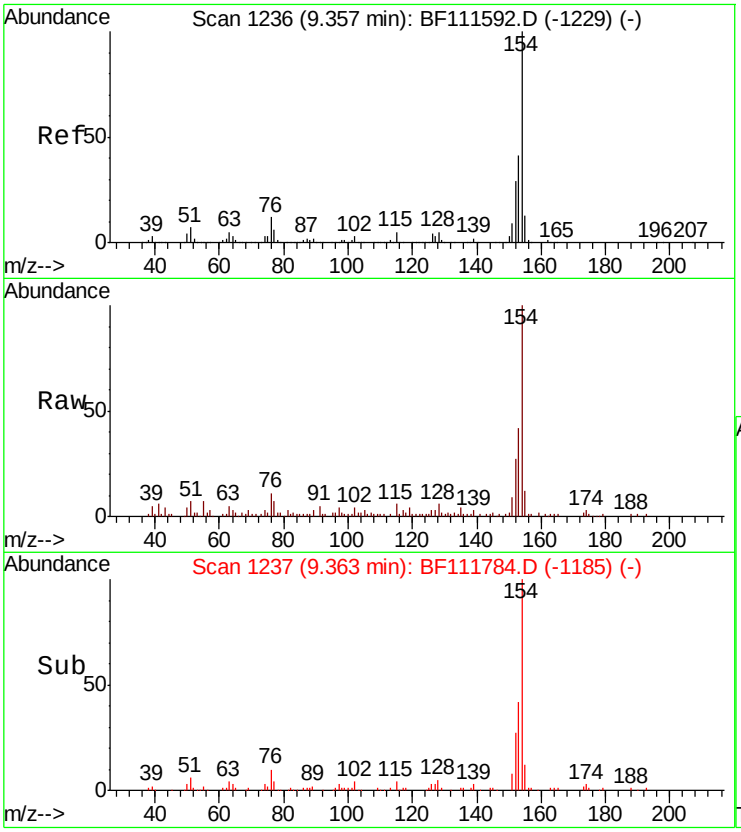


#45
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:172 Resp: 4618

Ion	Ratio	Lower	Upper
172	100		
171	39.2	33.0	49.4
170	21.0	22.3	33.5#



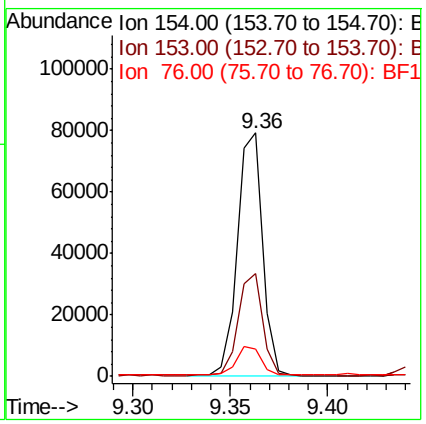


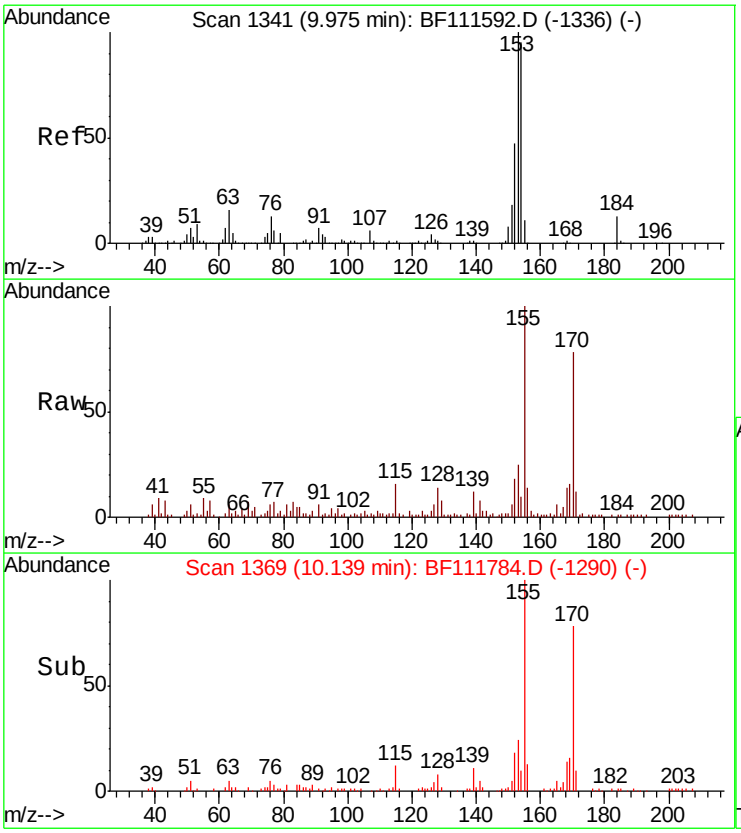
#46
1,1'-Biphenyl
Concen: 3.011 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:154 Resp: 71389

Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.7	63.7
76	11.1	0.0	35.0

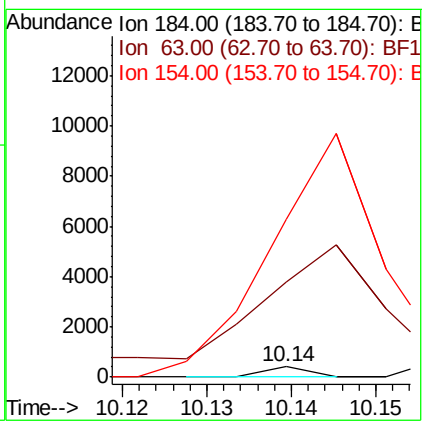


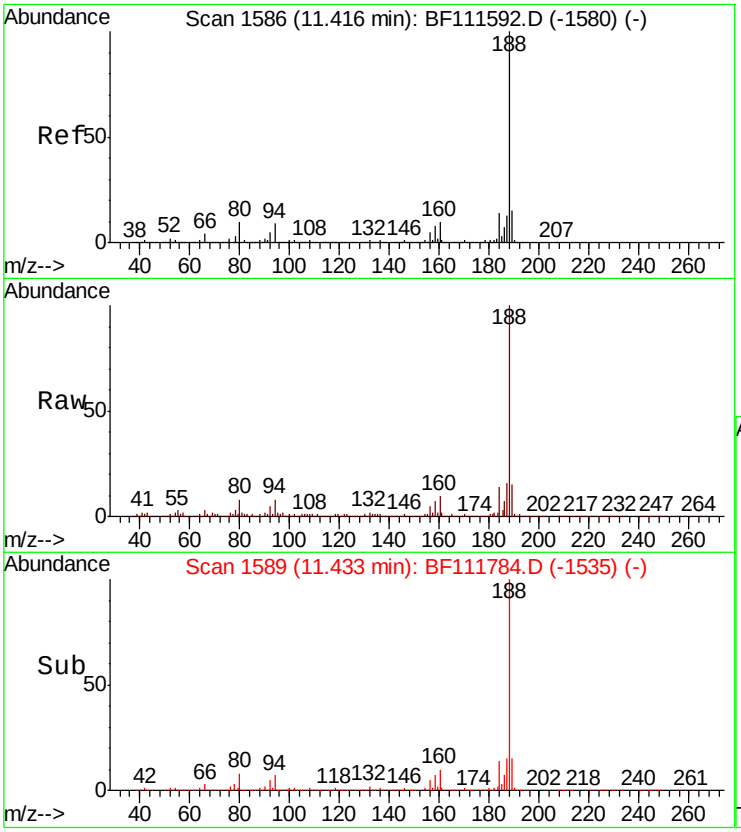


#54
2,4-Dinitrophenol
Concen: 7.409 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.17 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:184 Resp: 147

Ion	Ratio	Lower	Upper
184	100		
63	907.9	62.3	93.5#
154	1510.3	56.2	84.2#



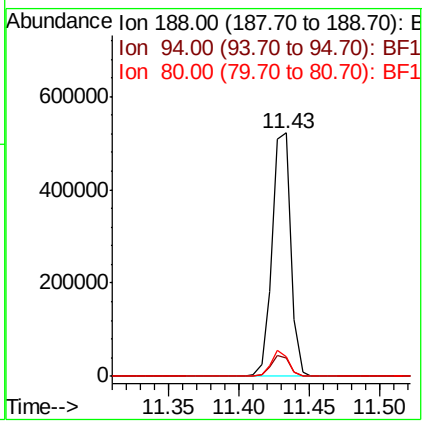


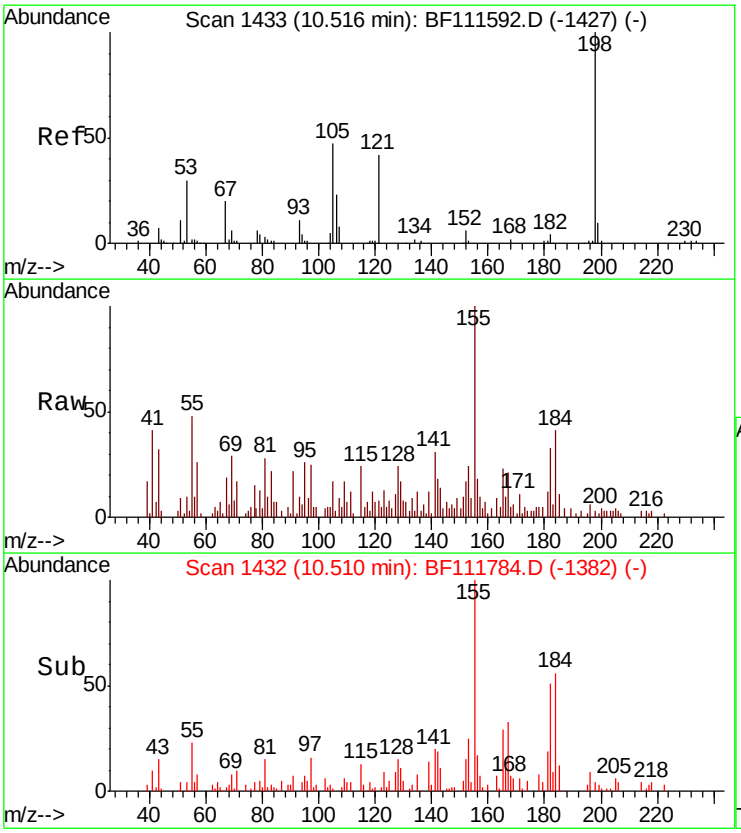
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:188 Resp: 487032

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.6	14.4#
80	8.2	9.8	14.6#

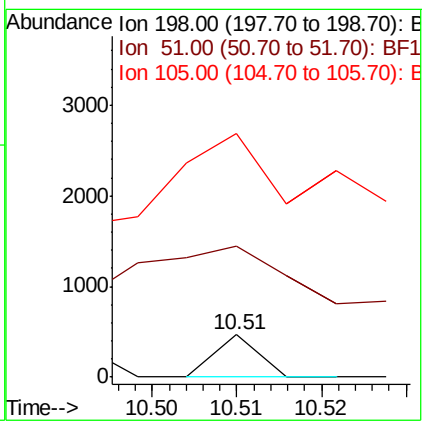


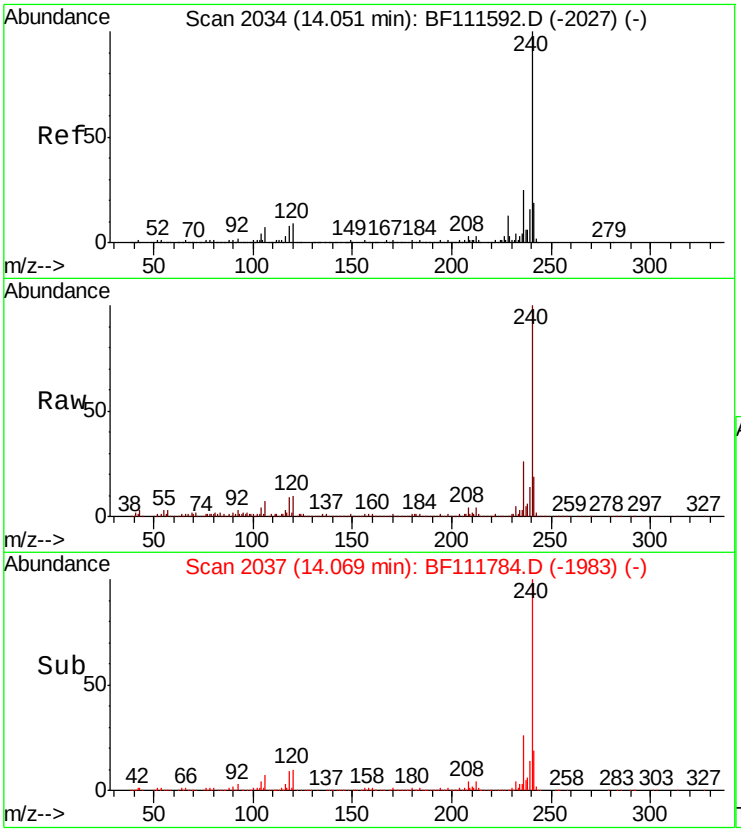


#65
4,6-Dinitro-2-methylphenol
Concen: 6.763 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:198 Resp: 164

Ion	Ratio	Lower	Upper
198	100		
51	310.3	48.0	88.0#
105	579.1	34.0	74.0#



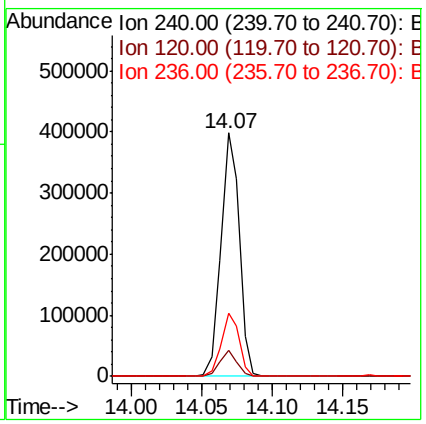


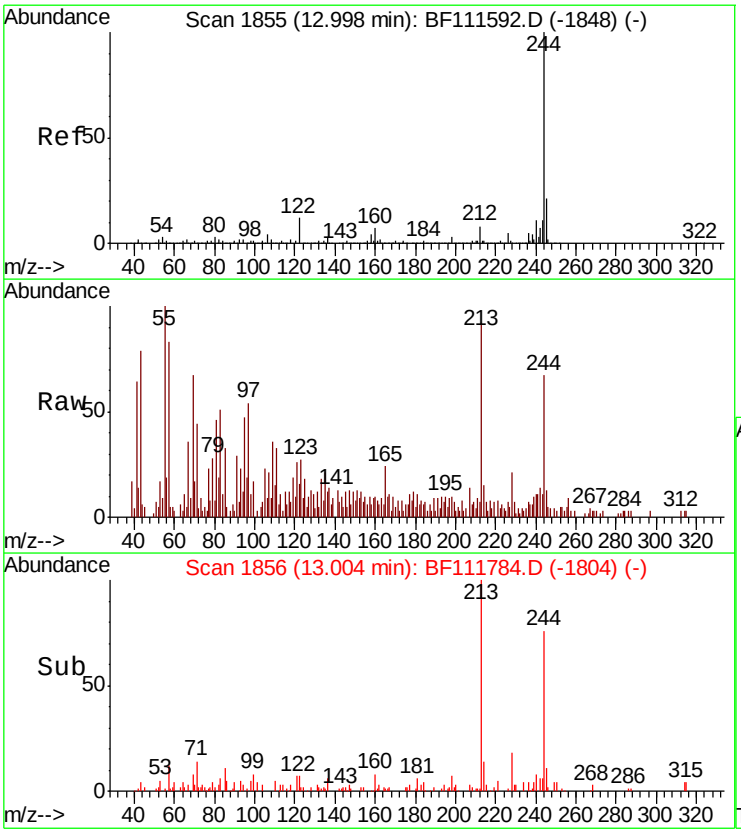
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:240 Resp: 361747

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	26.0	20.2	30.2

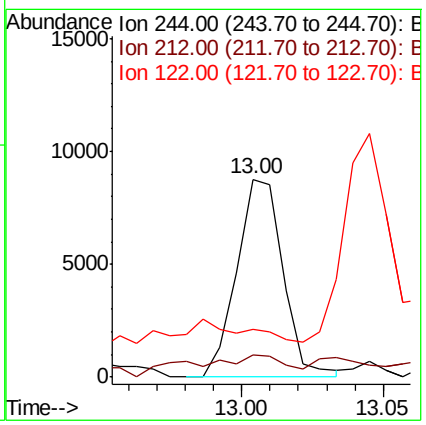


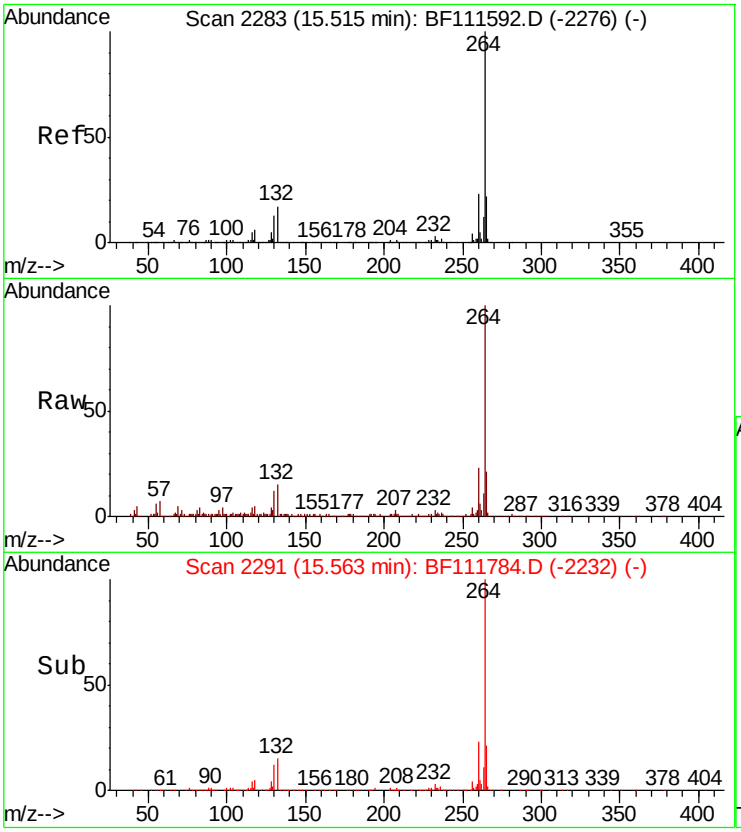


#79
Terphenyl-d14
Concen: 0.523 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Tgt Ion:244 Resp: 9979

Ion	Ratio	Lower	Upper
244	100		
212	11.1	5.7	8.5#
122	24.3	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111784.D
Acq: 28 Dec 2018 8:35

Instrument :
BNA_F
ClientSampleId :
P001-DS002-01DL

Tgt Ion:264 Resp: 327524

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.9	17.7	26.5