Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
Data File : BF093885.D
Acq On : 23 Mar 2017 18:09
Operator : SJ/MA
Sample : I2362-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0664

Quant Time: Mar 24 01:06:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	164328	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	683556	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	323223	20.00	ng		-0.02
63) Phenanthrene-d10	11.45	188	541683	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	359004	20.00	ng		-0.01
86) Perylene-d12	16.34	264	282212	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	275300	28.30	ng		0.00
7) Phenol-d6	5.55	99	263591	21.90	ng		-0.02
23) Nitrobenzene-d5	6.62	82	783102	65.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	167680	65.65	ng		-0.02
44) 2-Fluorobiphenyl	8.80	172	1453709	68.60	ng		-0.02
78) Terphenyl-d14	13.43	244	961672	60.04	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.56	94	93423	6.82	ng		90
20) 3+4-Methylphenols	6.45	107	29759	2.68	ng	#	73
22) Acetophenone	6.43	105	75529	4.96	ng	#	75
27) 2,4-Dimethylphenol	7.08	122	42930	4.42	ng		95
31) Naphthalene	7.50	128	293735	8.94	ng		99
32) Benzoic acid	7.24	122	15506	2.40	ng	#	26
37) 2-Methylnaphthalene	8.35	142	88991	4.06	ng		98
49) Dimethylphthalate	9.30	163	47395	2.06	ng		96
53) 2,4-Dinitrophenol	9.76	184	827	4.94	ng	#	1

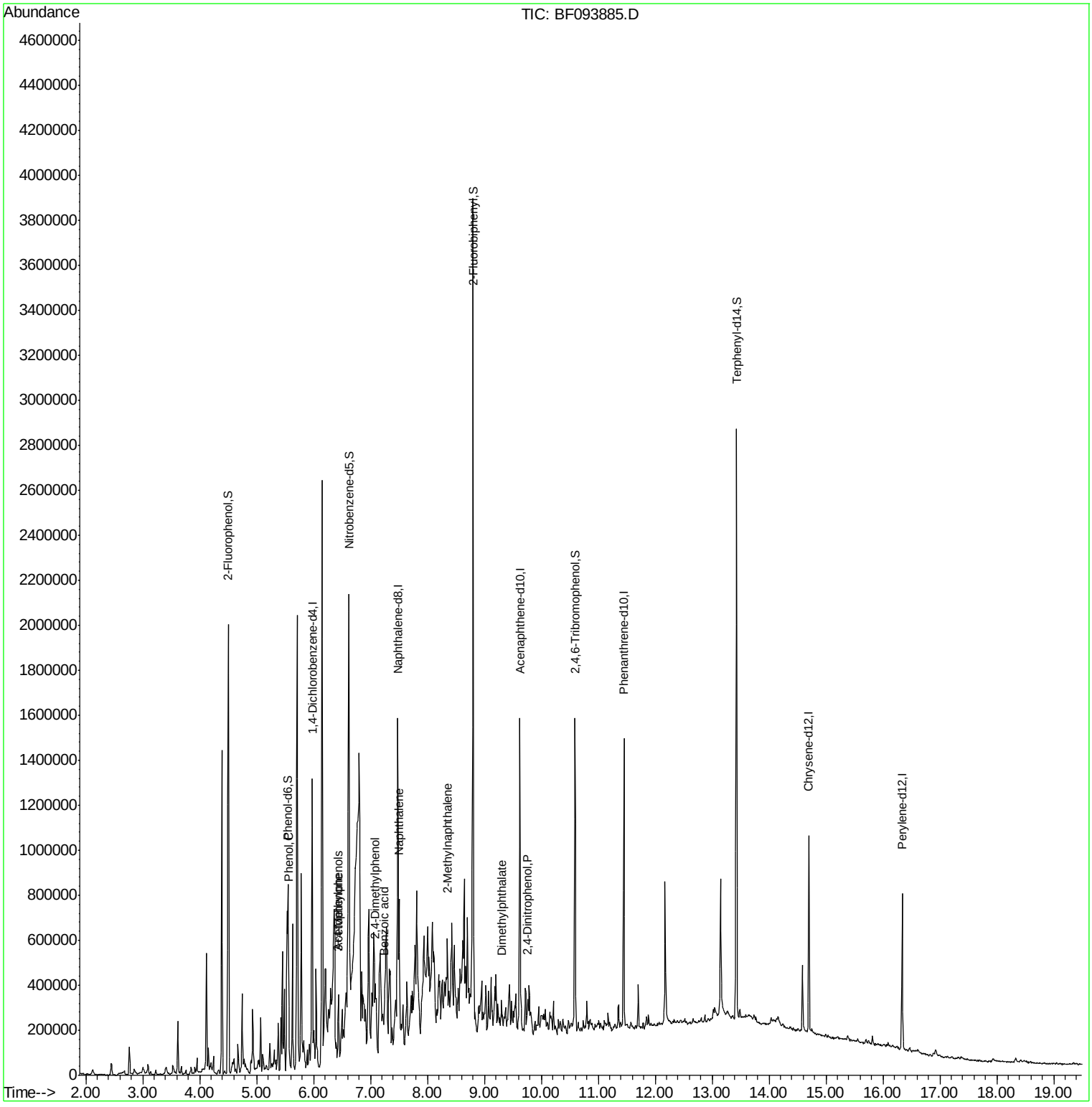
(#) = qualifier out of range (m) = manual integration (+) = signals summed

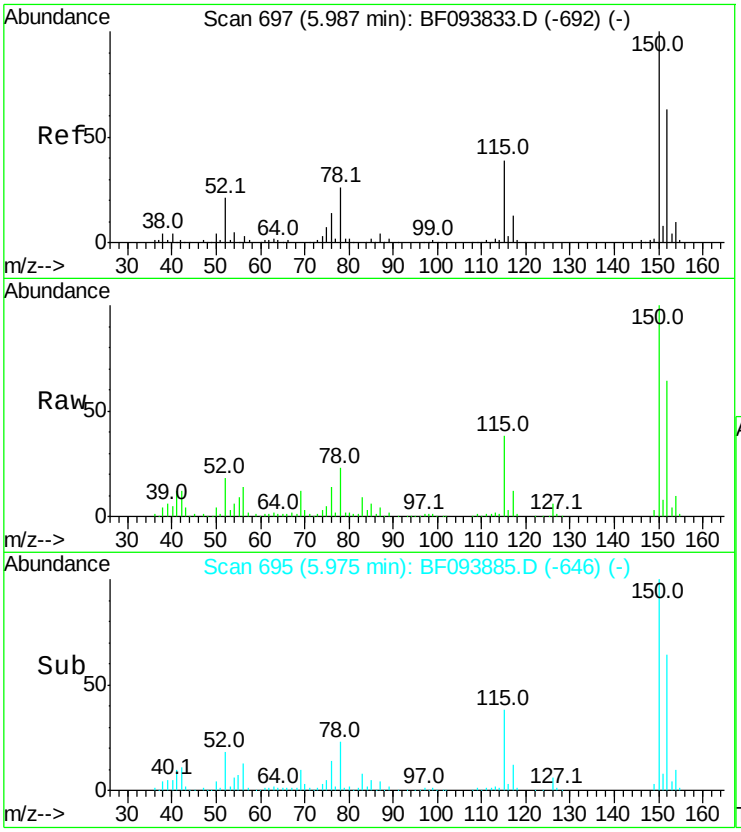
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
Data File : BF093885.D
Acq On : 23 Mar 2017 18:09
Operator : SJ/MA
Sample : I2362-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0664

Quant Time: Mar 24 01:06:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration



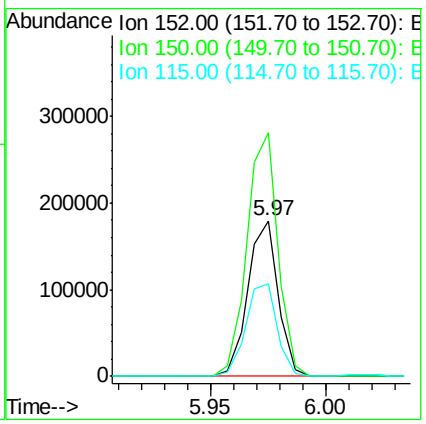


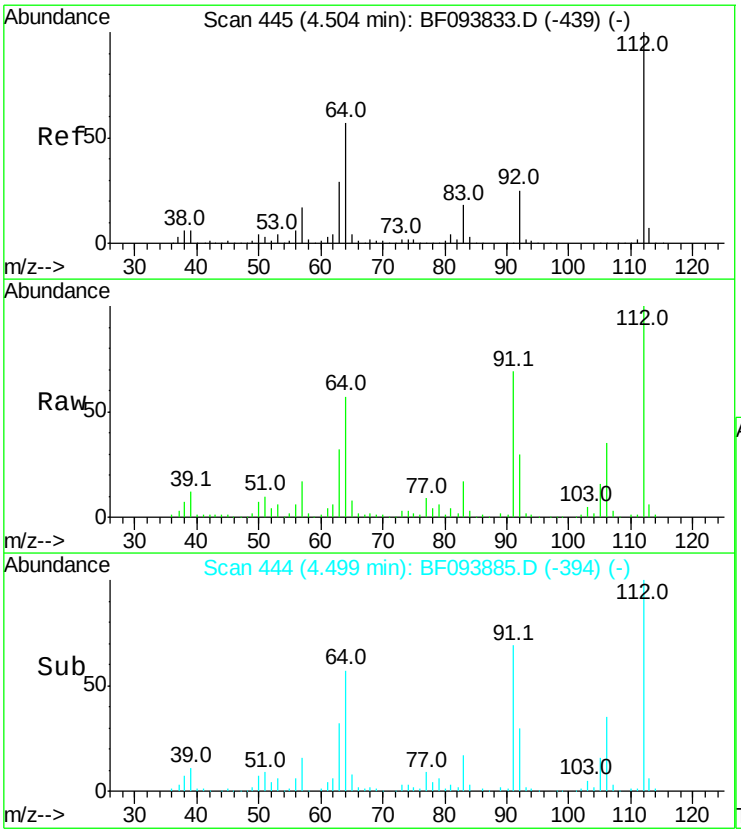
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:152 Resp: 164328

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	59.2	52.2	78.2

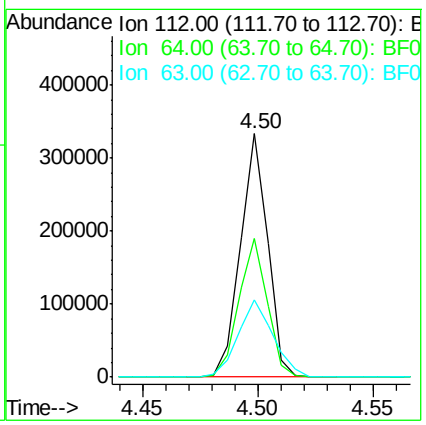


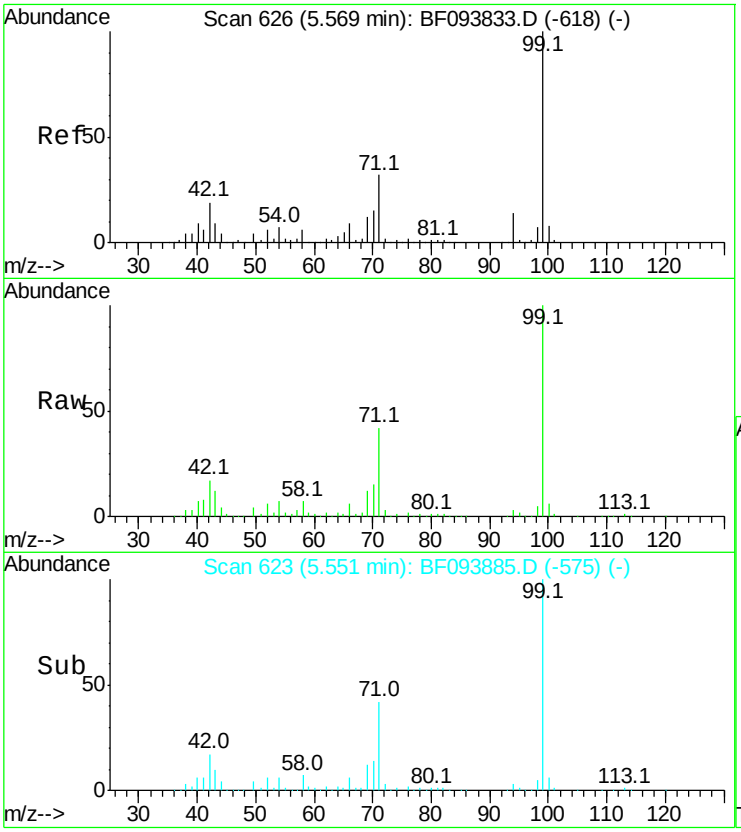


#5
2-Fluorophenol
Concen: 28.30 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:112 Resp: 275300

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.0	69.0
63	31.8	23.4	35.0



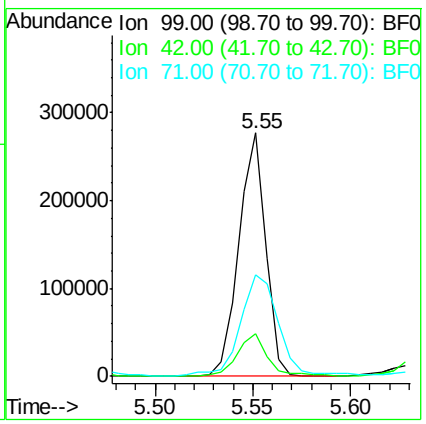


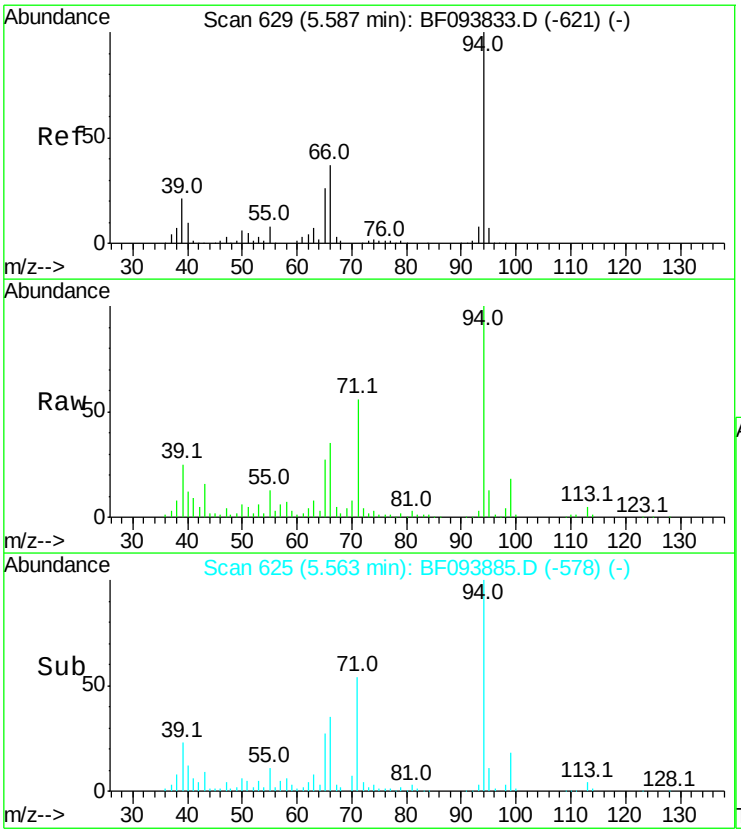
#7
Phenol-d6
Concen: 21.90 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion: 99 Resp: 263591

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	41.7	24.5	36.7#

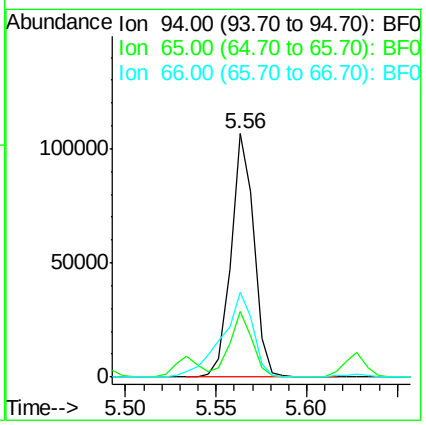


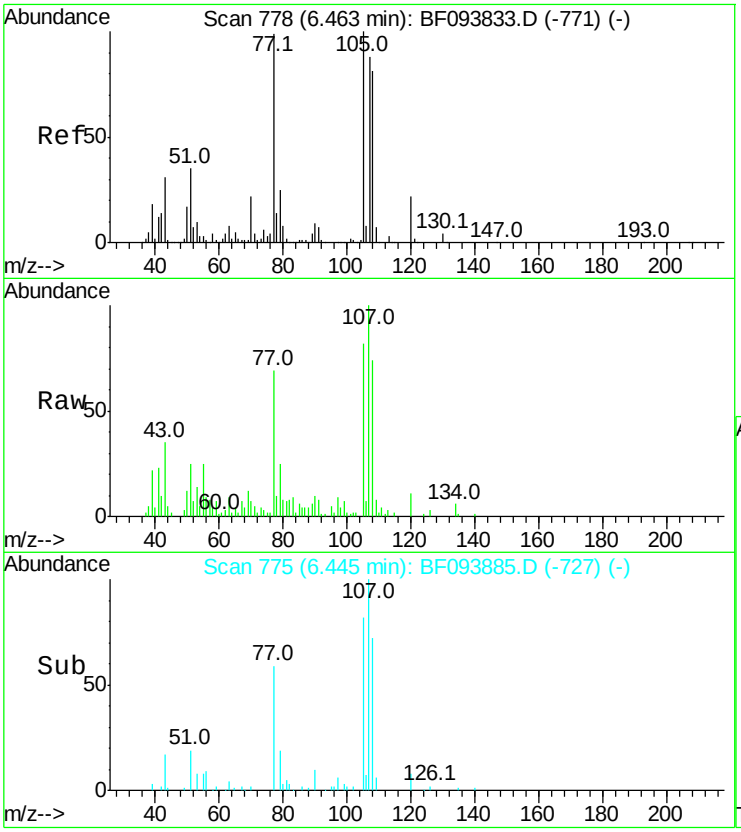


#10
Phenol
Concen: 6.82 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion: 94 Resp: 93423

Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	34.9	23.1	63.1



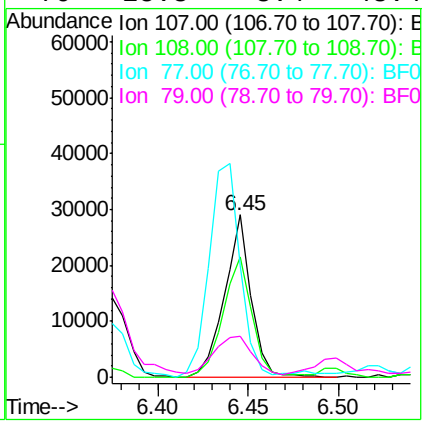


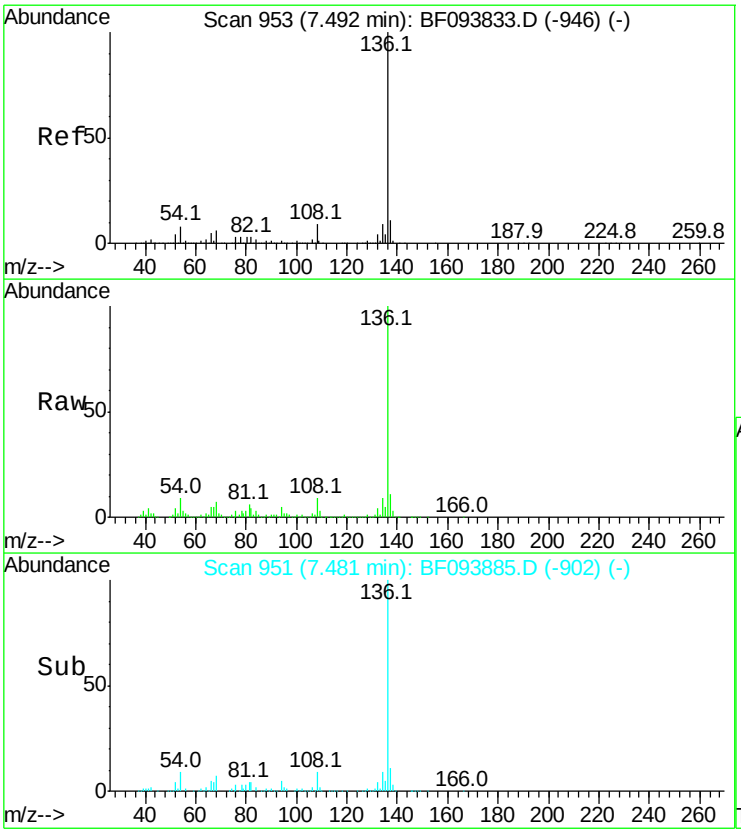
#20
3+4-Methylphenols
Concen: 2.68 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:107 Resp: 29759

Ion	Ratio	Lower	Upper
107	100		
108	74.3	71.0	111.0
77	68.6	90.5	130.5#
79	25.3	8.4	48.4

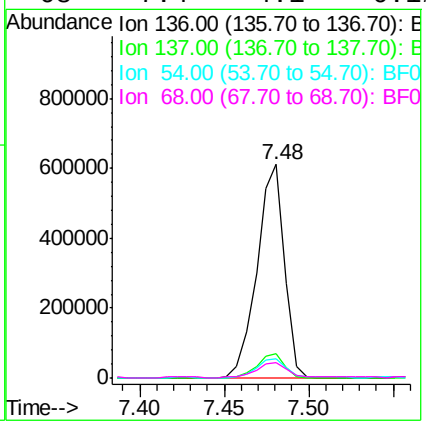


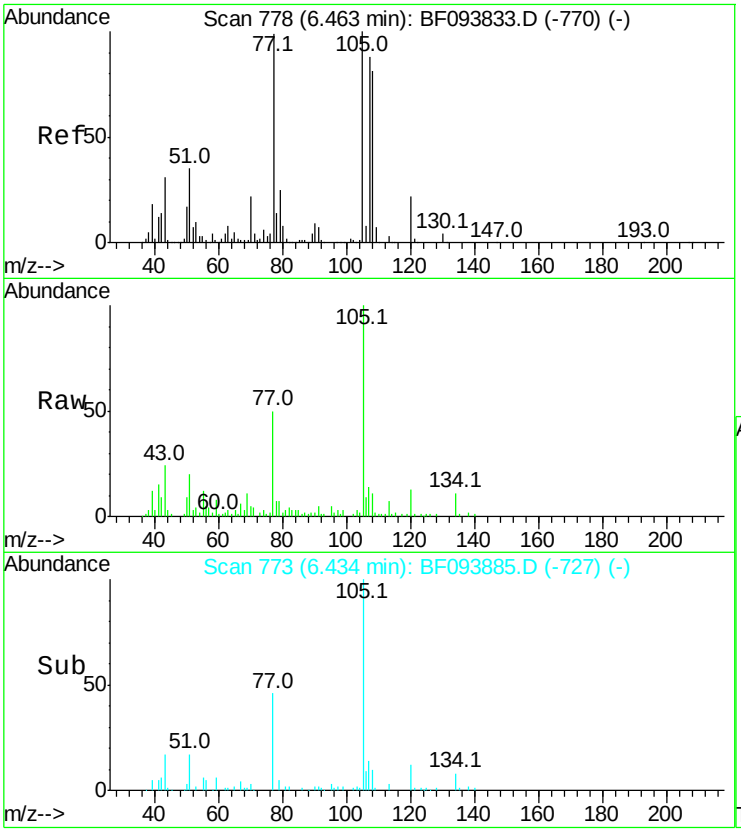


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:136 Resp: 683556

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.1	4.9	7.3#
68	7.4	4.1	6.1#



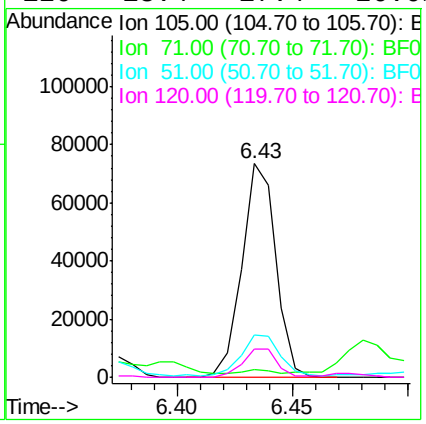


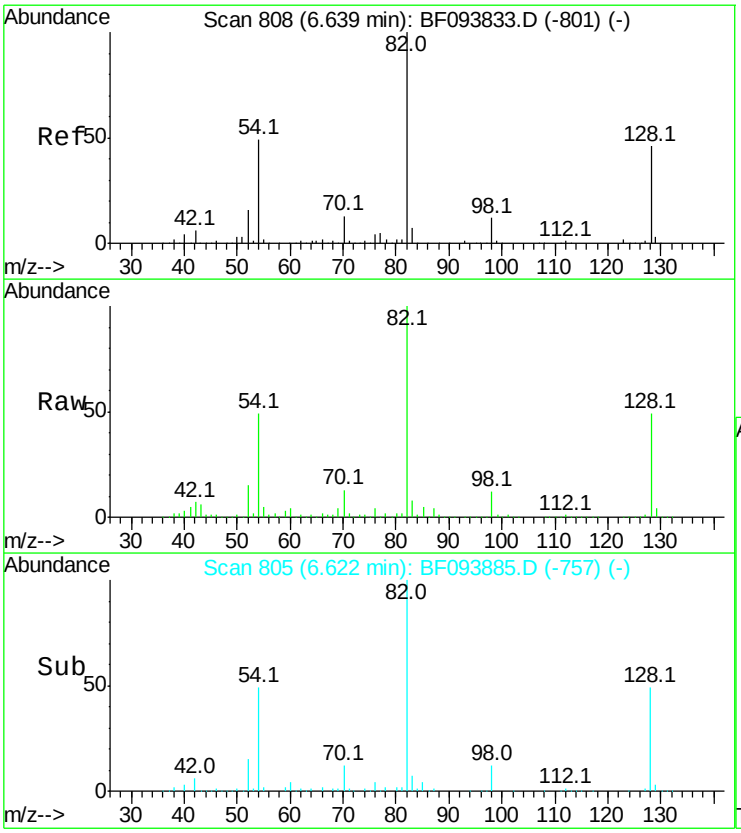
#22
Acetophenone
Concen: 4.96 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:105 Resp: 75529

Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.8	4.2
51	19.5	30.7	46.1#
120	13.4	17.4	26.0#

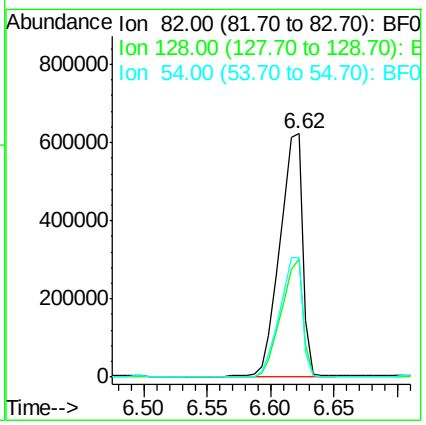


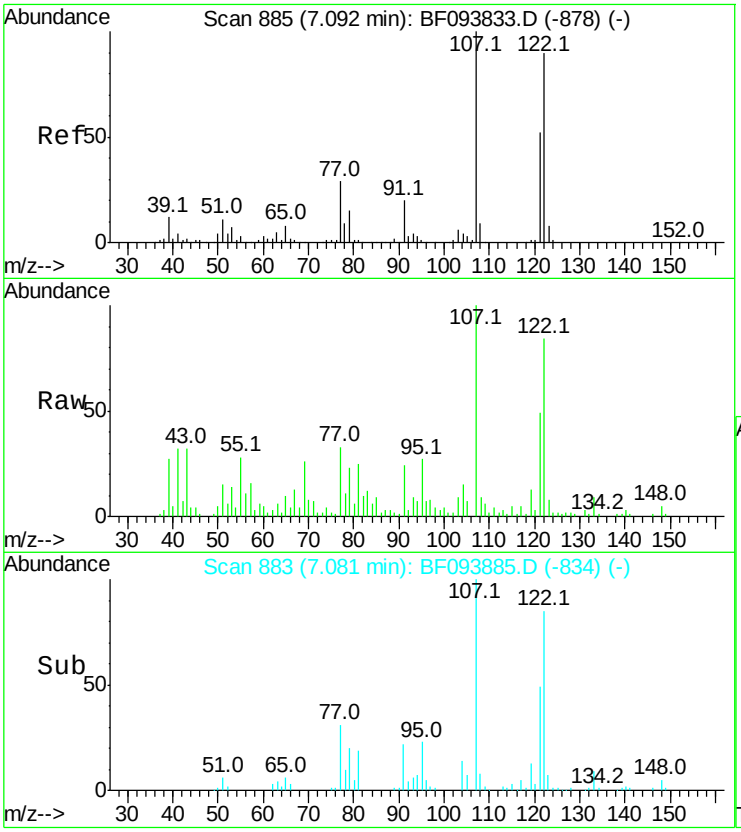


#23
Nitrobenzene-d5
Concen: 65.38 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion: 82 Resp: 783102

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	49.0	42.2	63.2



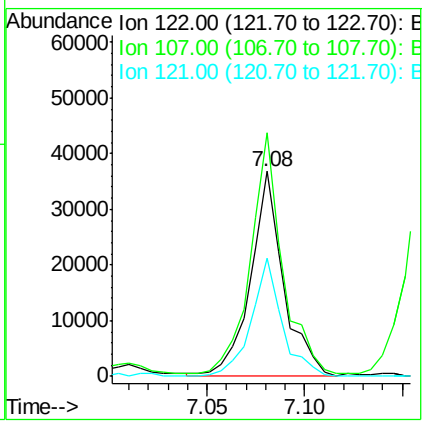


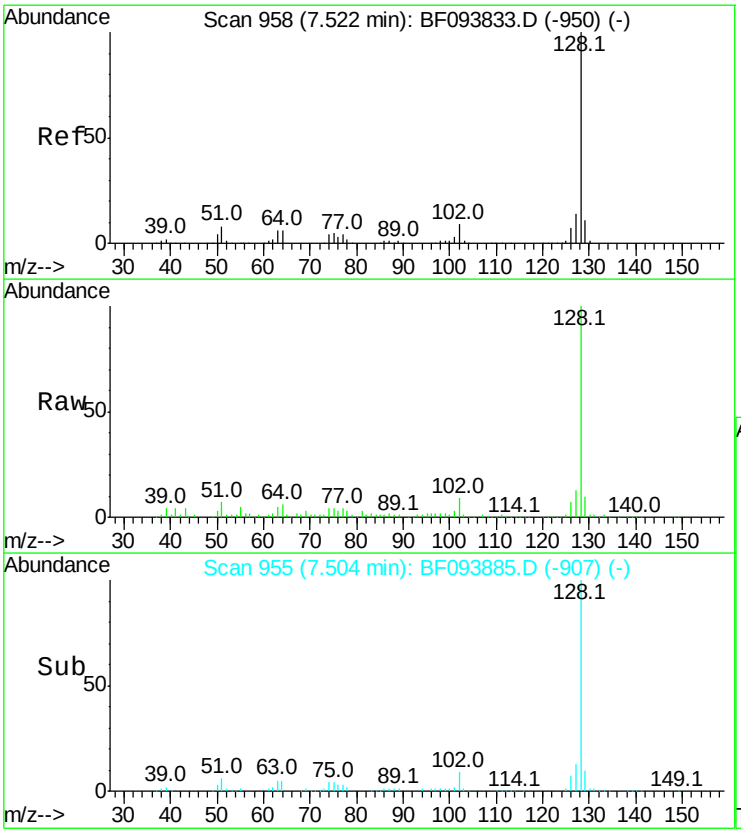
#27
2,4-Dimethylphenol
Concen: 4.42 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:122 Resp: 42930

Ion	Ratio	Lower	Upper
122	100		
107	118.8	89.2	133.8
121	57.7	45.2	67.8

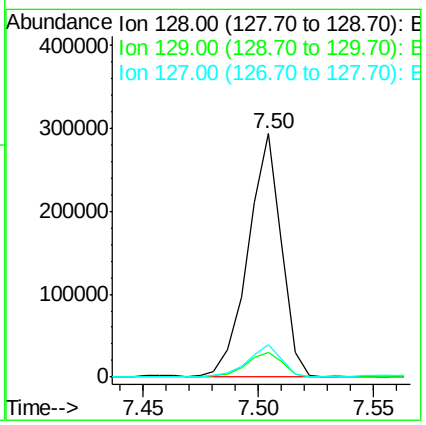


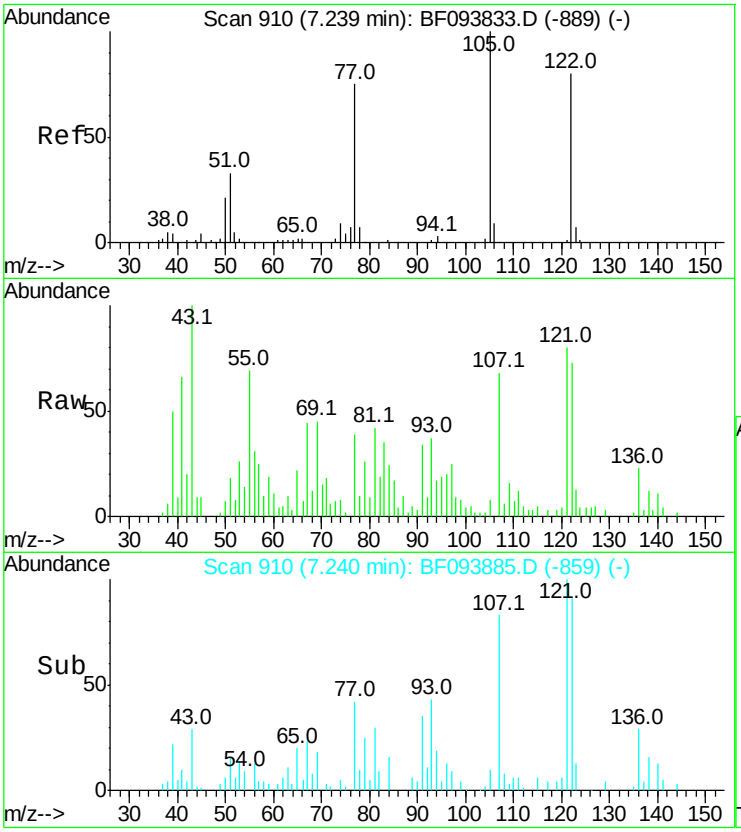


#31
Naphthalene
Concen: 8.94 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:128 Resp: 293735

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.6
127	13.4	10.8	16.2



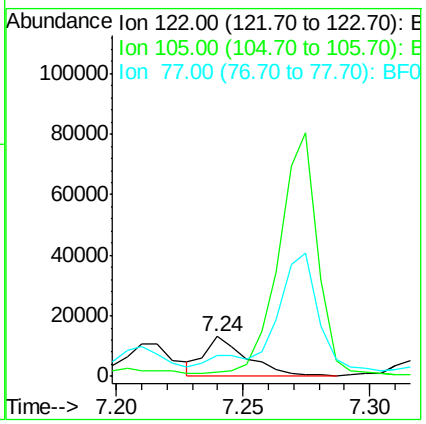


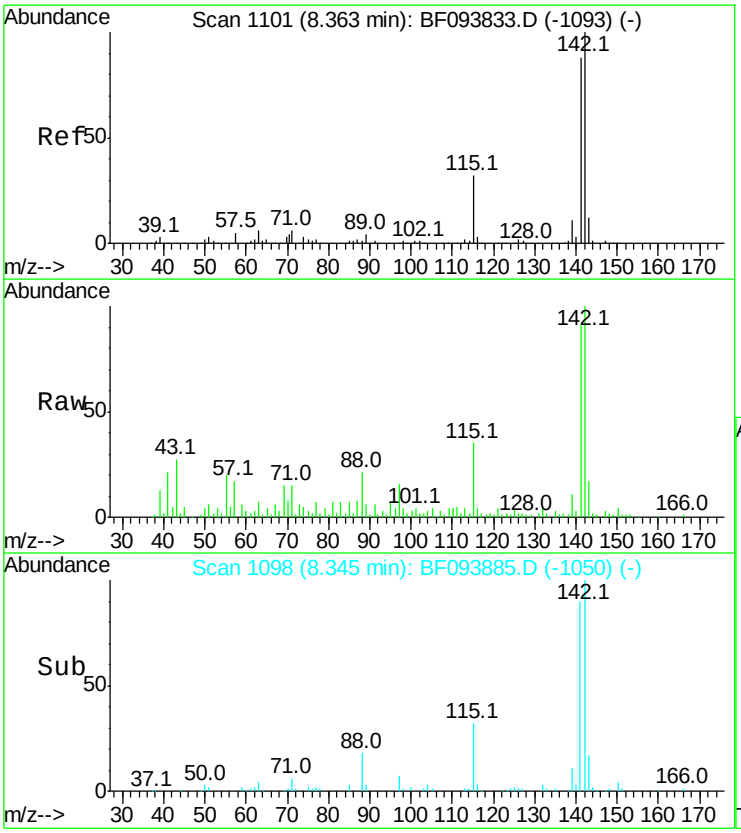
#32
Benzoic acid
Concen: 2.40 ng
RT: 7.24 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:122 Resp: 15506

Ion	Ratio	Lower	Upper
122	100		
105	11.5	103.3	143.3#
77	54.1	73.7	113.7#

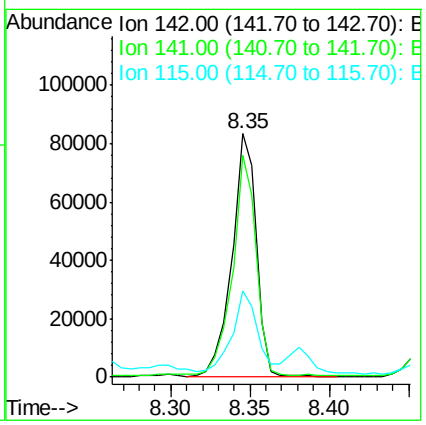


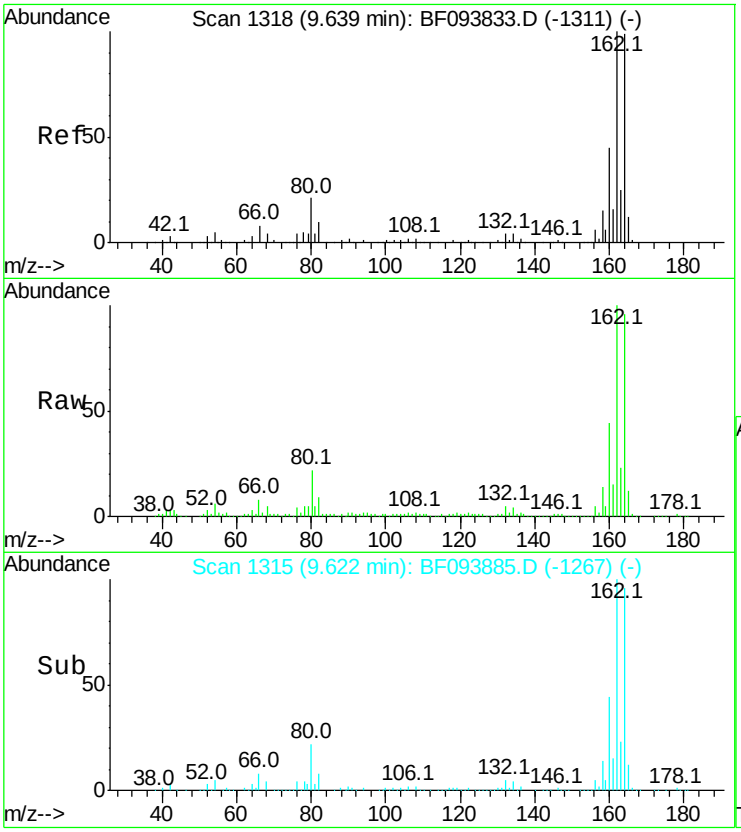


#37
2-Methylnaphthalene
Concen: 4.06 ng
RT: 8.35 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:142 Resp: 88991

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9
115	35.5	27.1	40.7



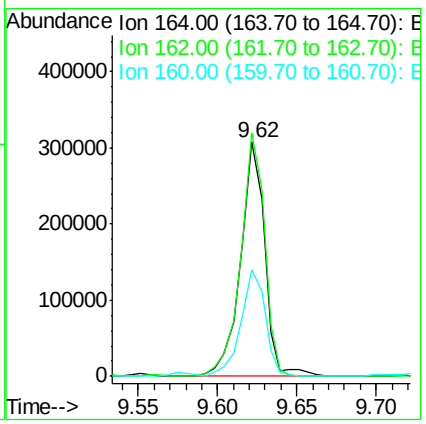


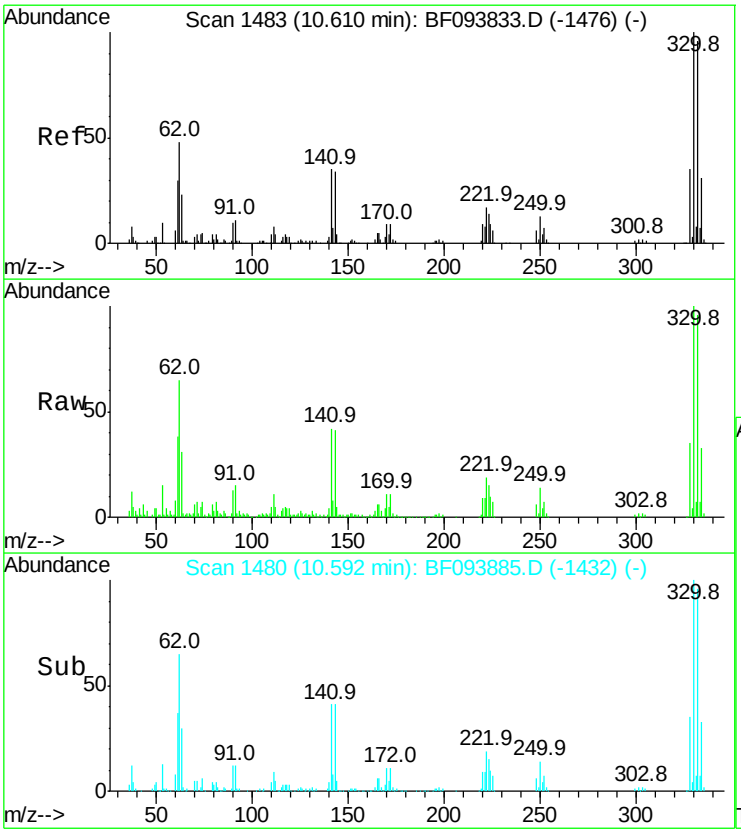
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:164 Resp: 323223

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.6	36.2	54.2

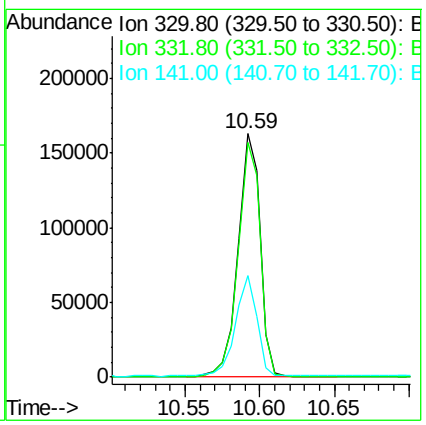


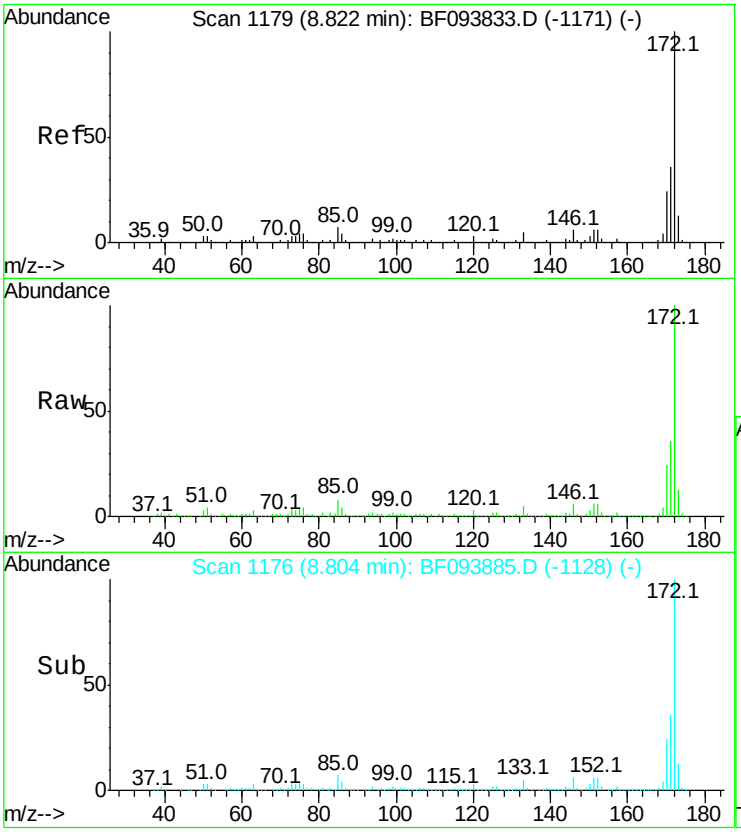


#41
2,4,6-Tribromophenol
Concen: 65.65 ng
RT: 10.59 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:330 Resp: 167680

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.5	31.4	47.2



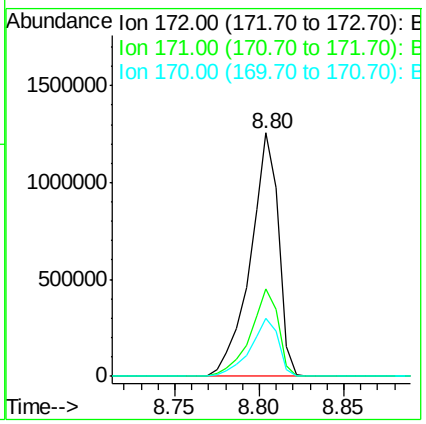


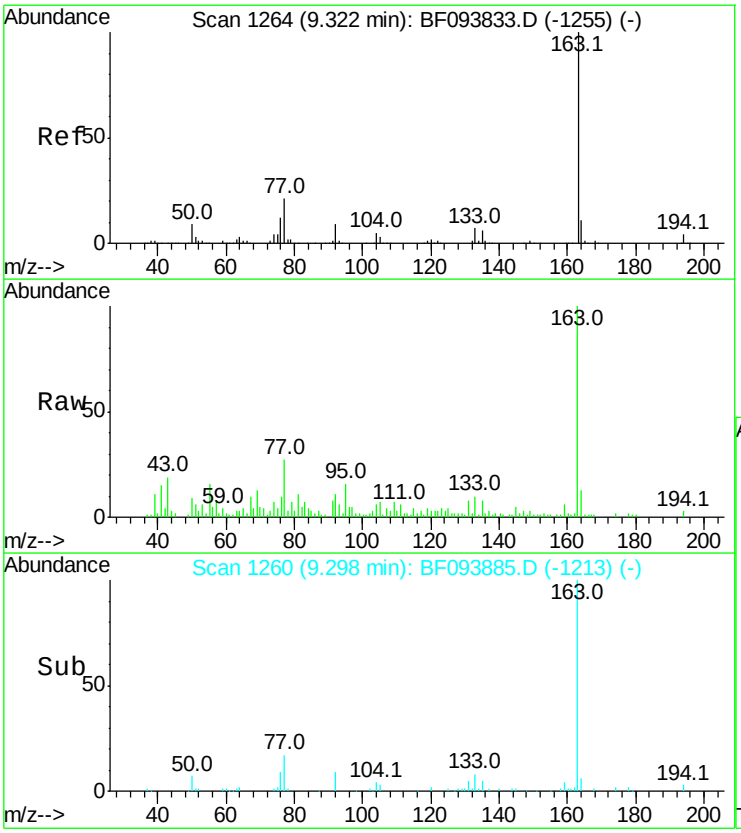
#44
2-Fluorobiphenyl
Concen: 68.60 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:172 Resp: 1453709

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8

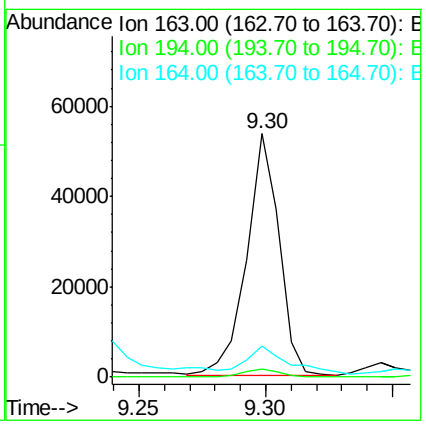


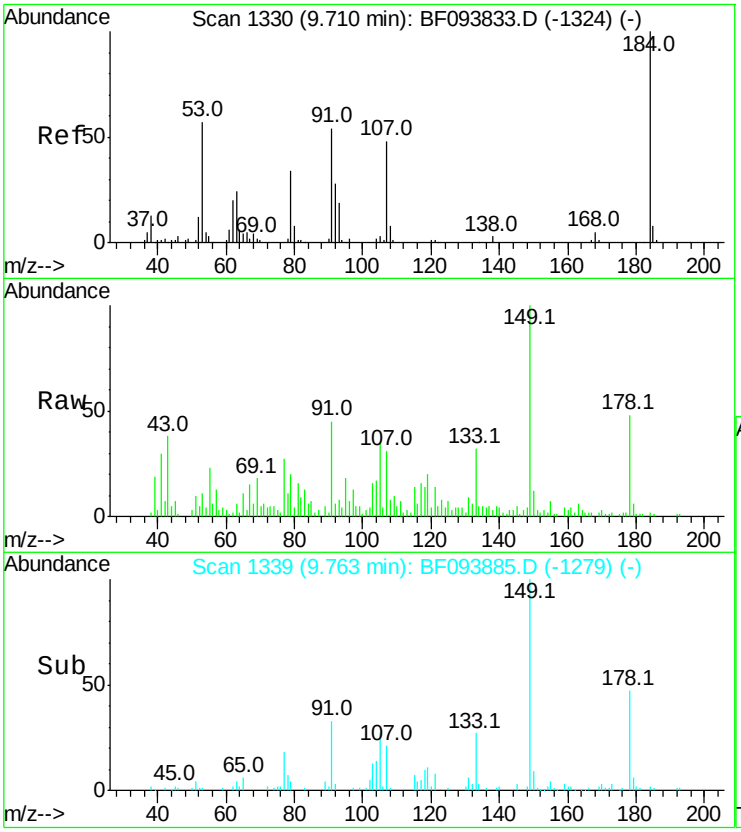


#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:163 Resp: 47395

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	12.6	8.4	12.6



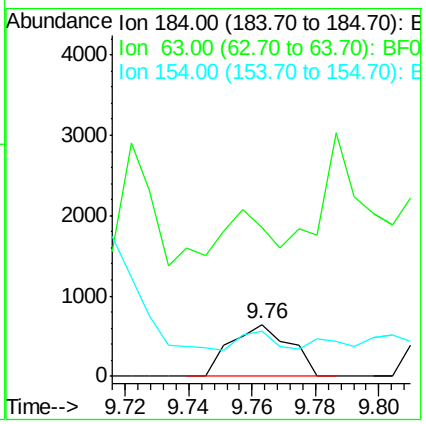


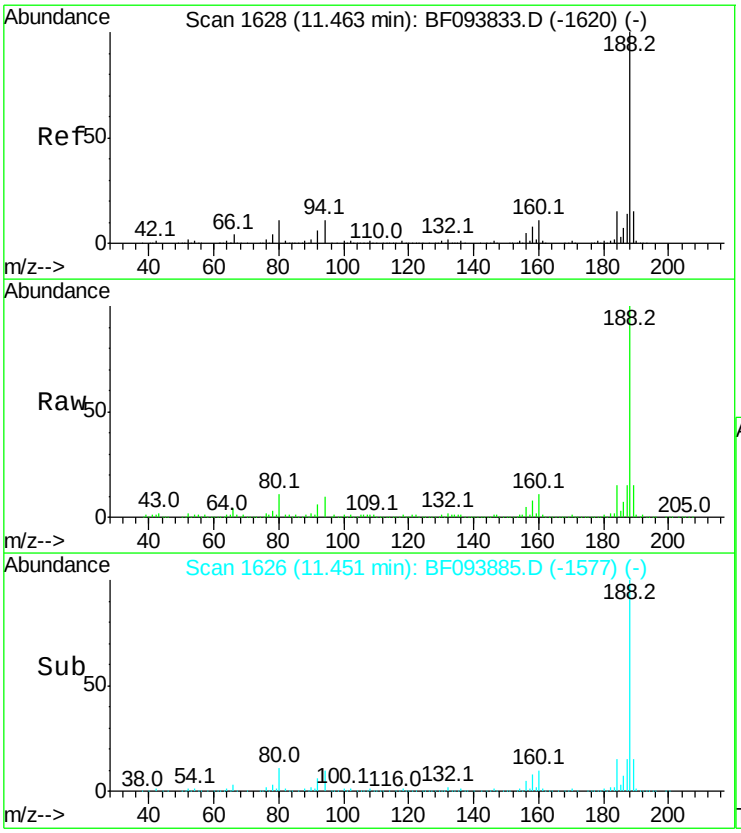
#53
2,4-Dinitrophenol
Concen: 4.94 ng
RT: 9.76 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:184 Resp: 827

Ion	Ratio	Lower	Upper
184	100		
63	284.6	62.7	94.1#
154	86.2	81.1	121.7

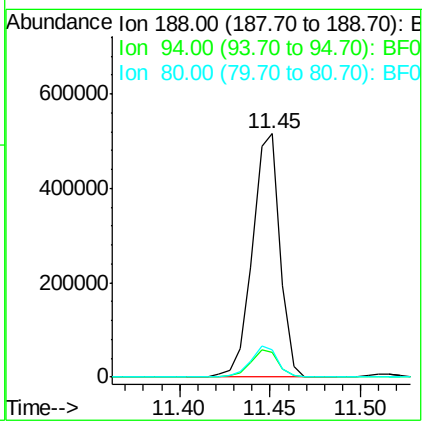


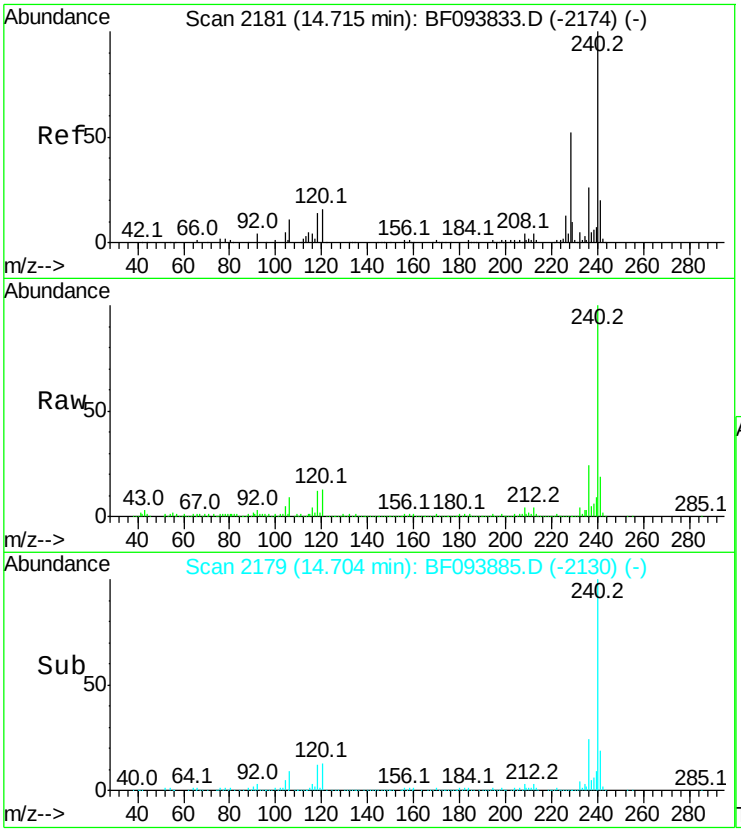


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:188 Resp: 541683

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.0	10.2	15.2



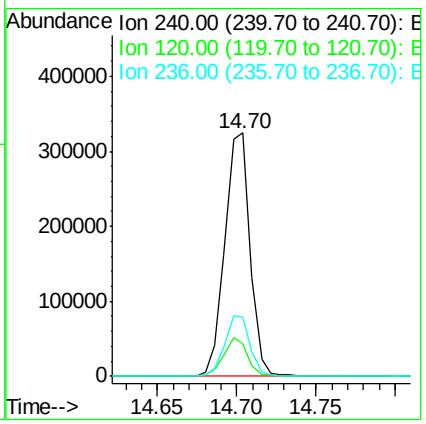


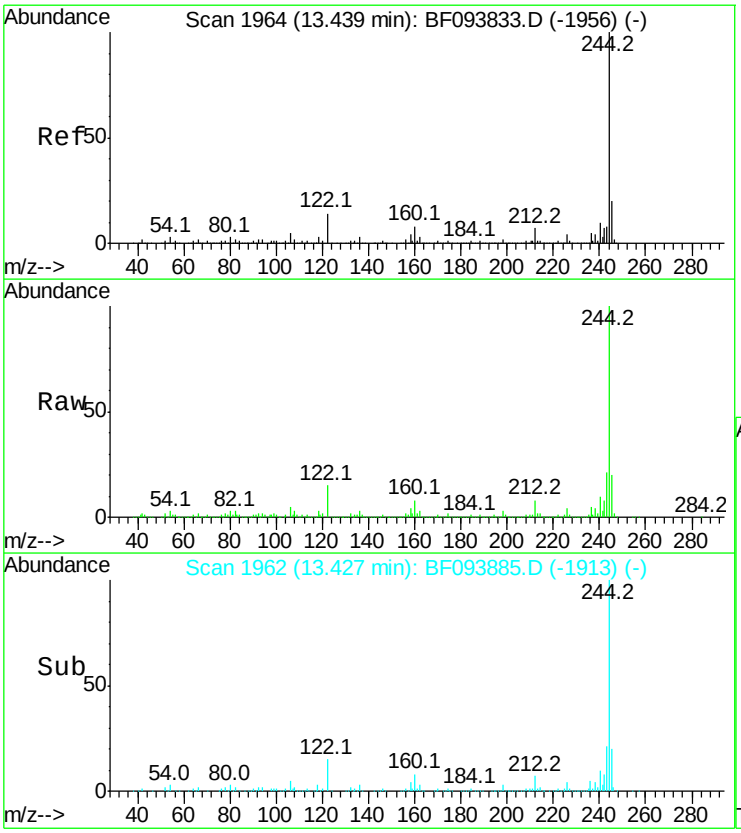
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:240 Resp: 359004

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.5	20.5	30.7

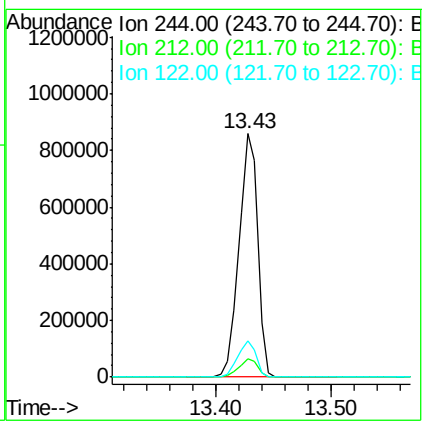


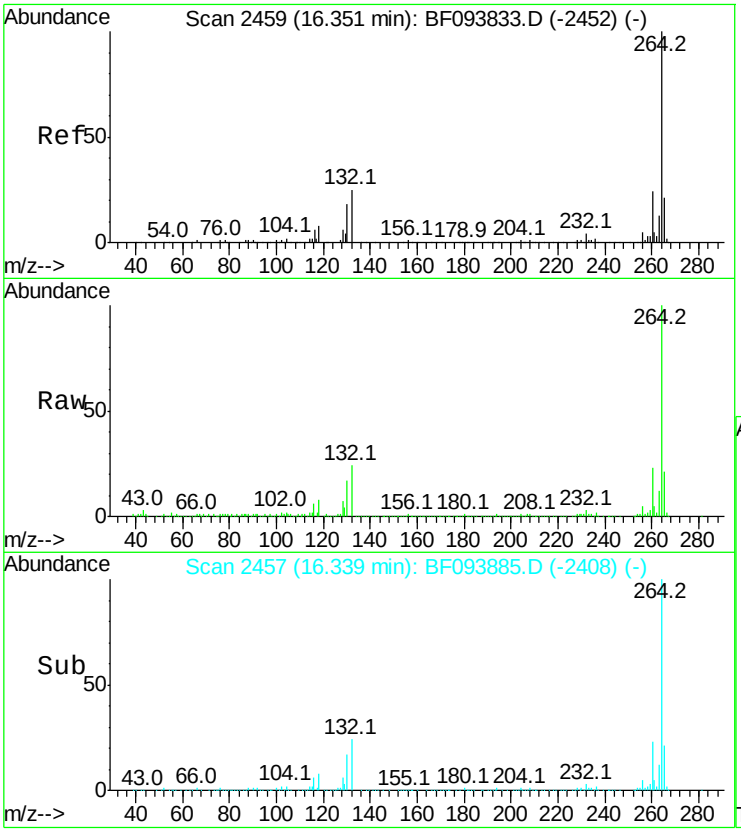


#78
Terphenyl-d14
Concen: 60.04 ng
RT: 13.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Tgt Ion:244 Resp: 961672

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	15.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093885.D
Acq: 23 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :
S8-0664

Tgt Ion:264 Resp: 282212

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.7	17.2	25.8