Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032317\
Data File : BF093894.D
Acq On : 23 Mar 2017 22:43
Operator : SJ/MA
Sample : I2367-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-CC10-BASE

Quant Time: Mar 24 13:22:03 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	163851	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	653688	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	289565	20.00	ng		-0.02
63) Phenanthrene-d10	11.45	188	481865	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	297625	20.00	ng		-0.01
86) Perylene-d12	16.34	264	281133	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	1126691	116.14	ng		0.00
7) Phenol-d6	5.57	99	1436988	119.74	ng		0.00
23) Nitrobenzene-d5	6.63	82	890781	77.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	288888	126.25	ng		-0.01
44) 2-Fluorobiphenyl	8.80	172	1249176	65.80	ng		-0.02
78) Terphenyl-d14	13.43	244	776289	58.46	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.58	94	40748	2.98	ng		89
17) 2-Methylphenol	6.27	107	82693	9.06	ng		96
19) n-Nitroso-di-n-propylamine	6.63	70	118052	15.31	ng	#	77
20) 3+4-Methylphenols	6.45	107	97619	8.83	ng	#	62
27) 2,4-Dimethylphenol	7.08	122	350617	37.77	ng		99
29) 2,4-Dichlorophenol	7.31	162	35199	4.06	ng		95
31) Naphthalene	7.50	128	89166	2.84	ng		100
32) Benzoic acid	7.25	122	170140	27.53	ng	#	12
49) Dimethylphthalate	9.30	163	164811	8.01	ng		99

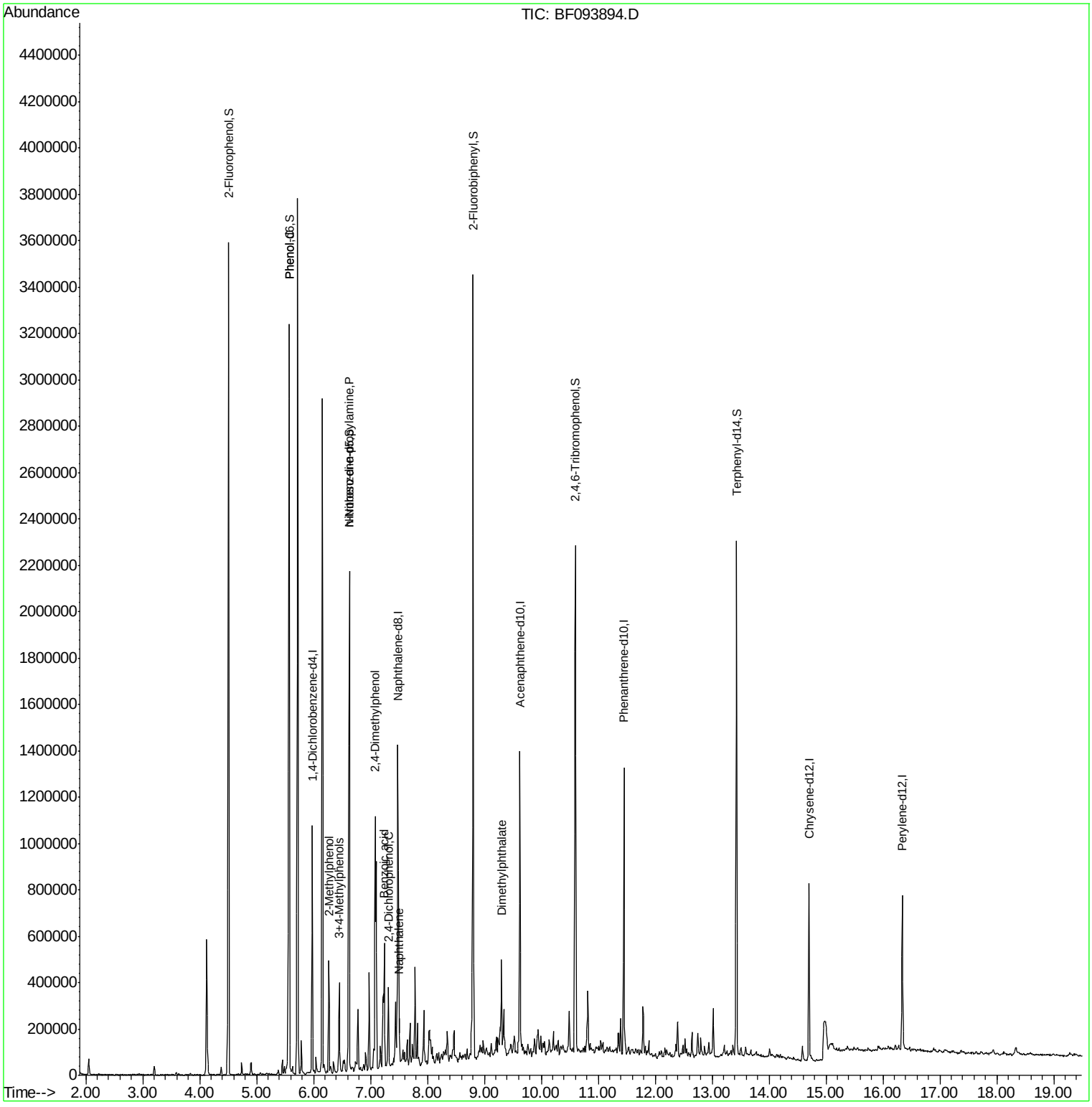
(#) = qualifier out of range (m) = manual integration (+) = signals summed

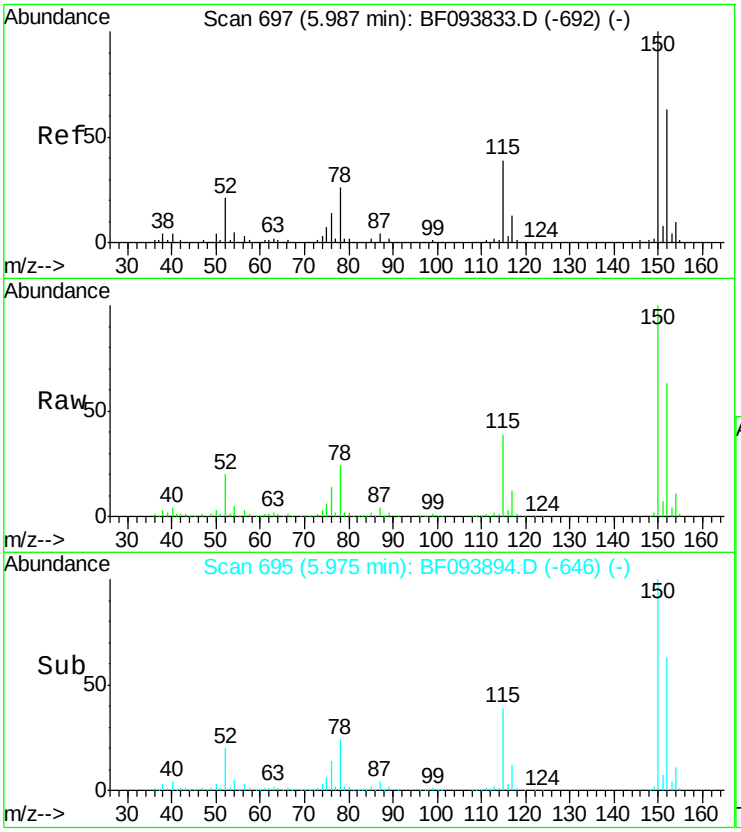
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF032317\
Data File : BF093894.D
Acq On : 23 Mar 2017 22:43
Operator : SJ/MA
Sample : I2367-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Quant Time: Mar 24 13:22:03 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



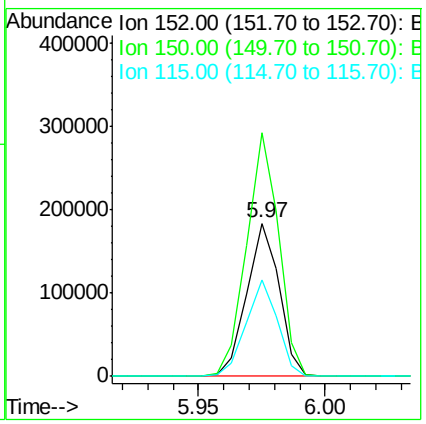


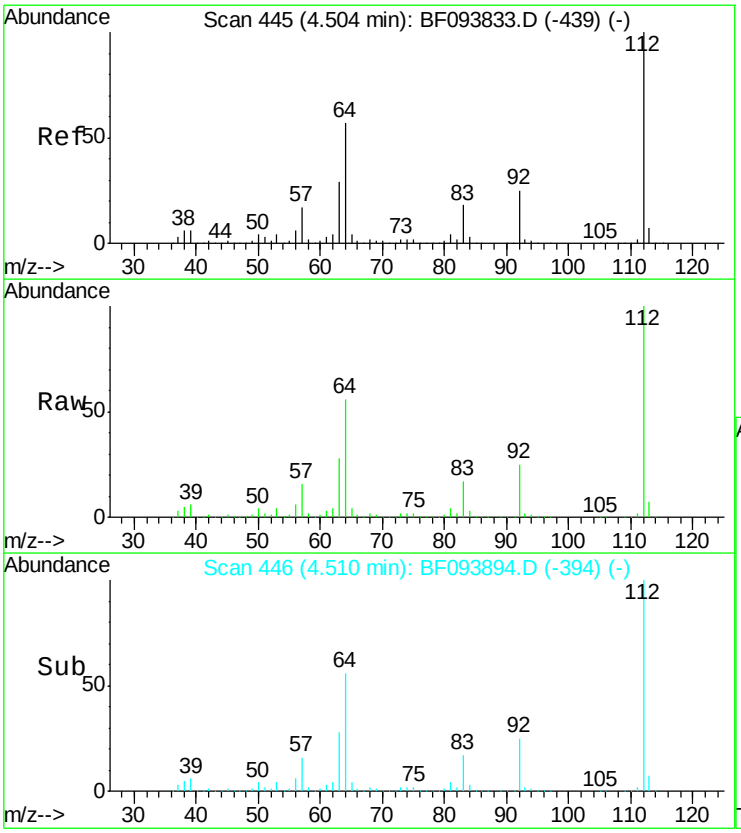
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:152 Resp: 163851

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	62.7	52.2	78.2

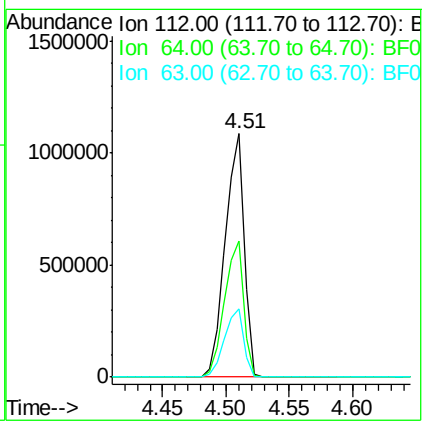


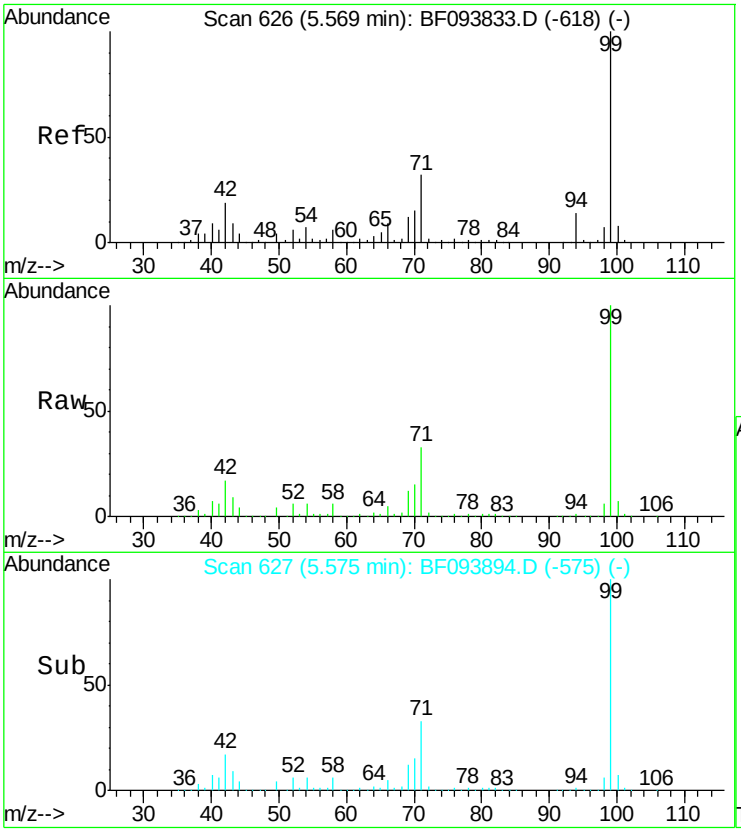


#5
2-Fluorophenol
Concen: 116.14 ng
RT: 4.51 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:112 Resp: 1126691

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	28.2	23.4	35.0



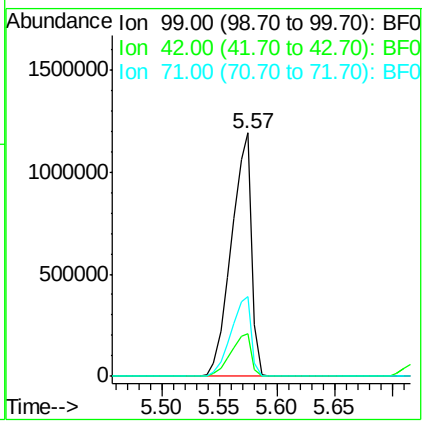


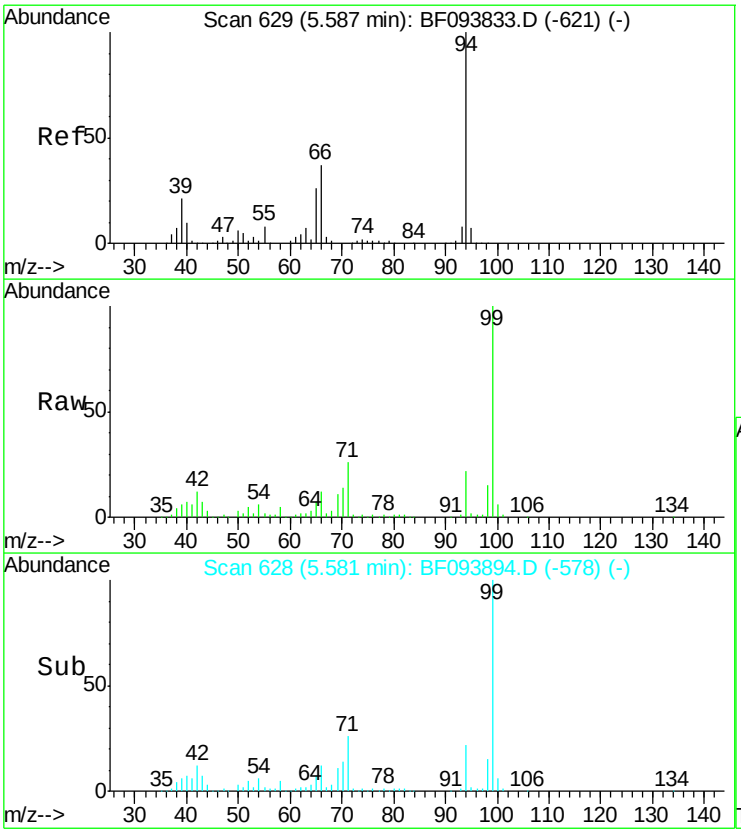
#7
Phenol-d6
Concen: 119.74 ng
RT: 5.57 min Scan# 627
Delta R.T. 0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion: 99 Resp: 1436988

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.8	24.5	36.7

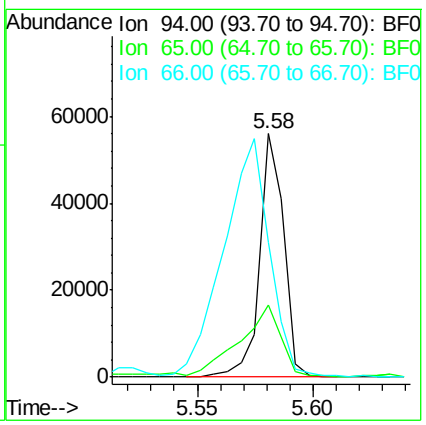


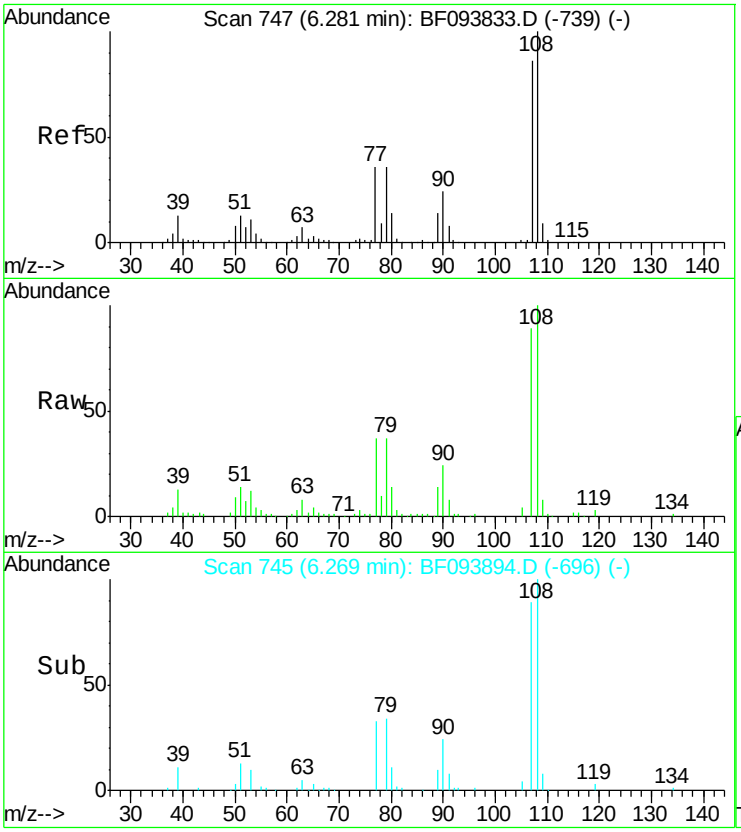


#10
Phenol
Concen: 2.98 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion: 94 Resp: 40748

Ion	Ratio	Lower	Upper
94	100		
65	29.7	9.9	49.9
66	55.1	23.1	63.1



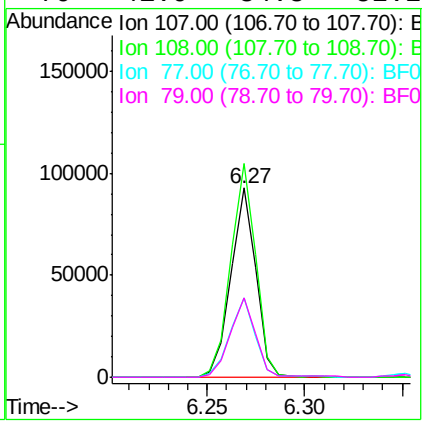


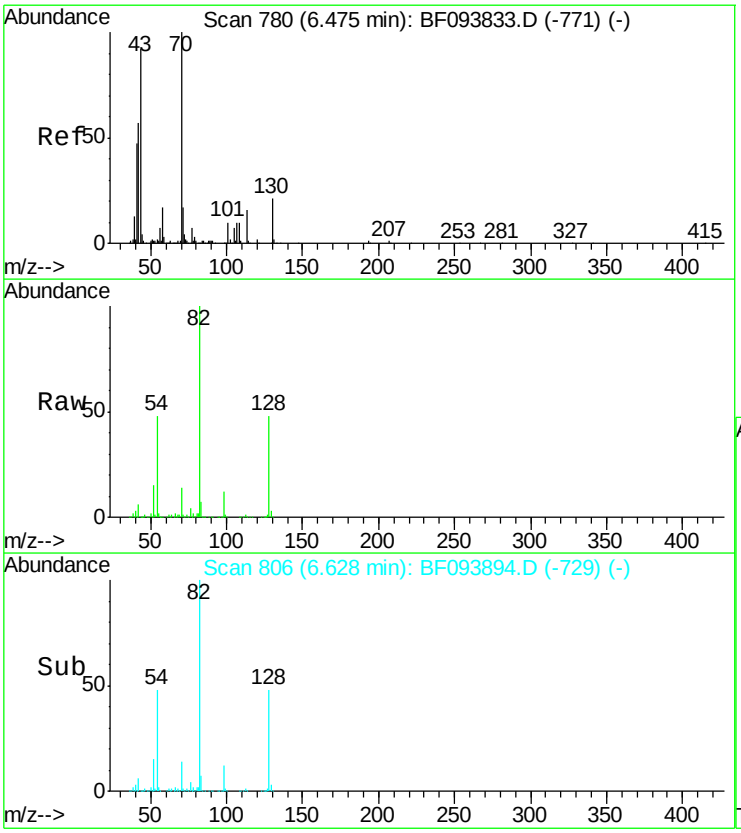
#17
2-Methylphenol
Concen: 9.06 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:107 Resp: 82693

Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.4	140.0
77	41.6	35.8	53.6
79	41.9	34.8	52.2

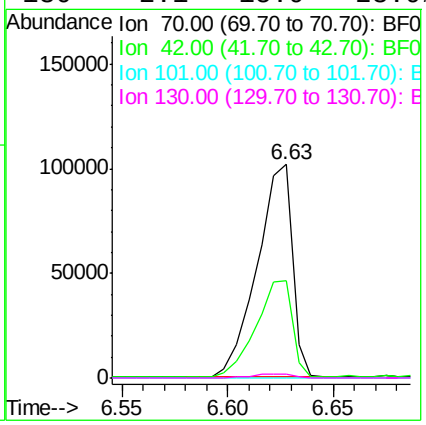


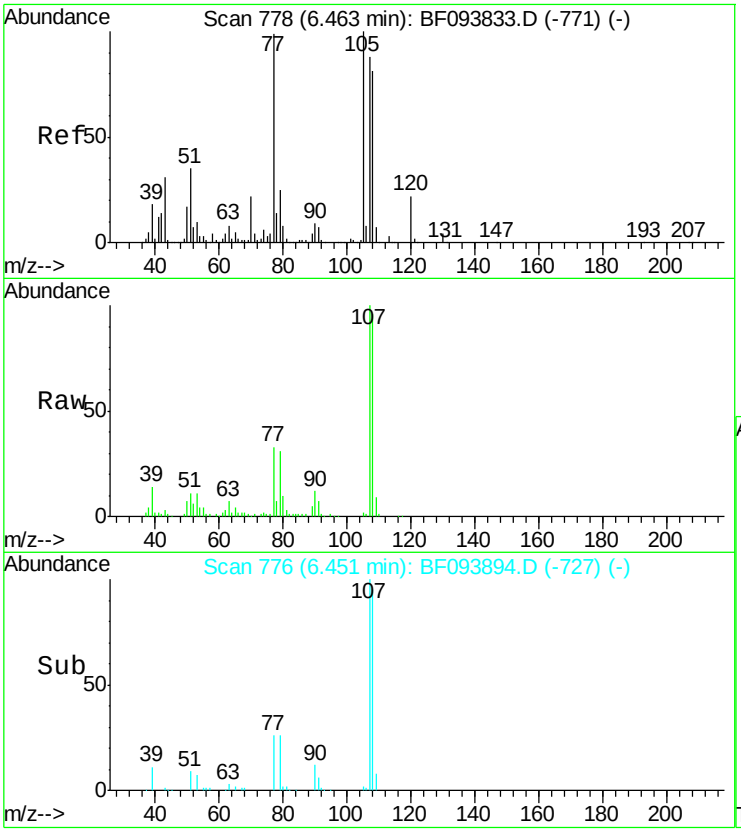


#19
n-Nitroso-di-n-propylamine
Concen: 15.31 ng
RT: 6.63 min Scan# 806
Delta R.T. 0.15 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion: 70 Resp: 118052

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



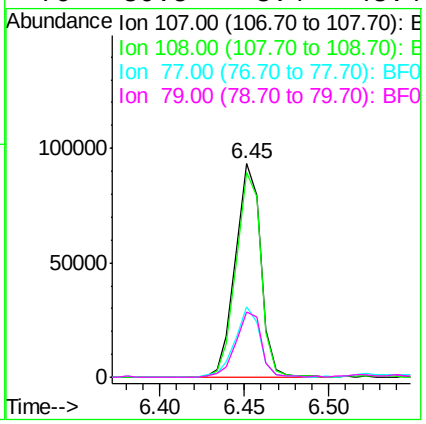


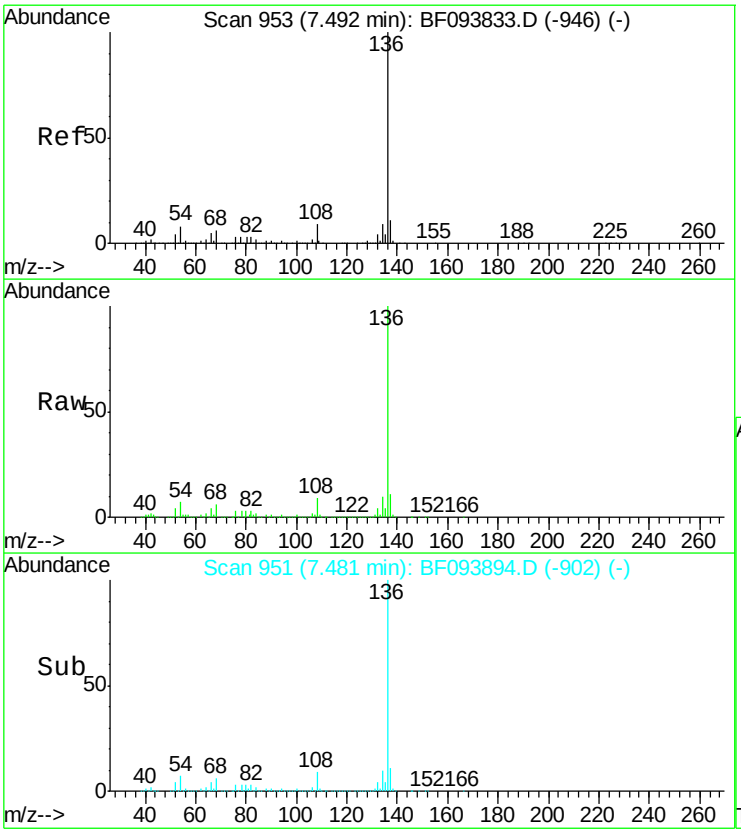
#20
3+4-Methylphenols
Concen: 8.83 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:107 Resp: 97619

Ion	Ratio	Lower	Upper
107	100		
108	96.1	71.0	111.0
77	33.1	90.5	130.5#
79	30.5	8.4	48.4

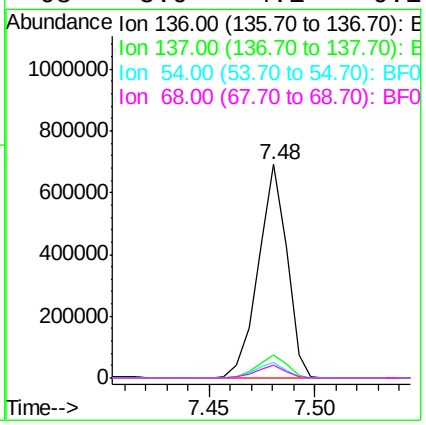


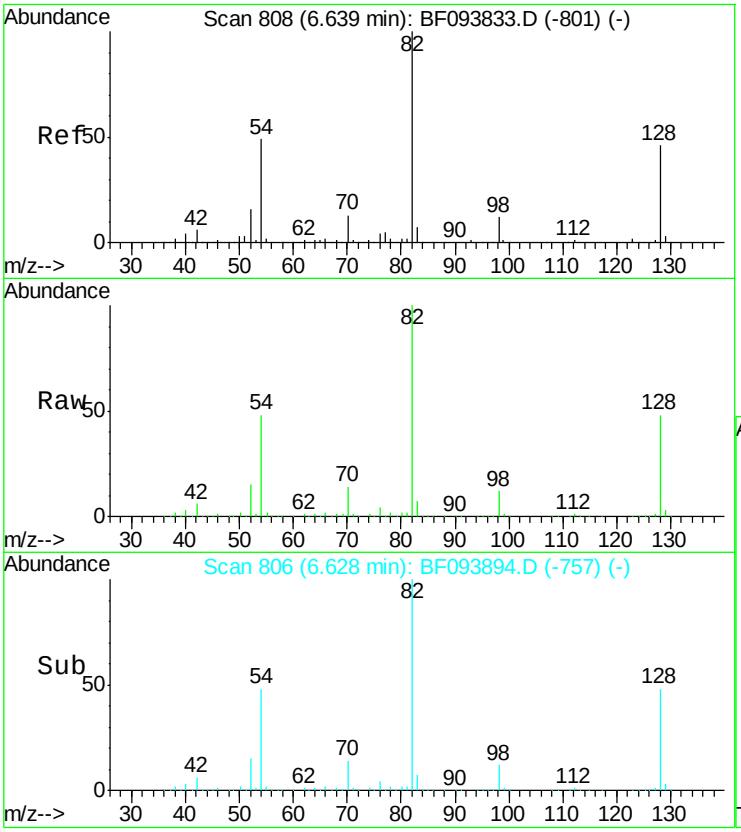


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:136 Resp: 653688

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.3	4.9	7.3#
68	5.9	4.1	6.1



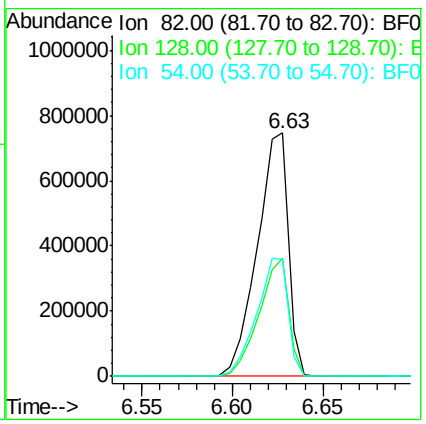


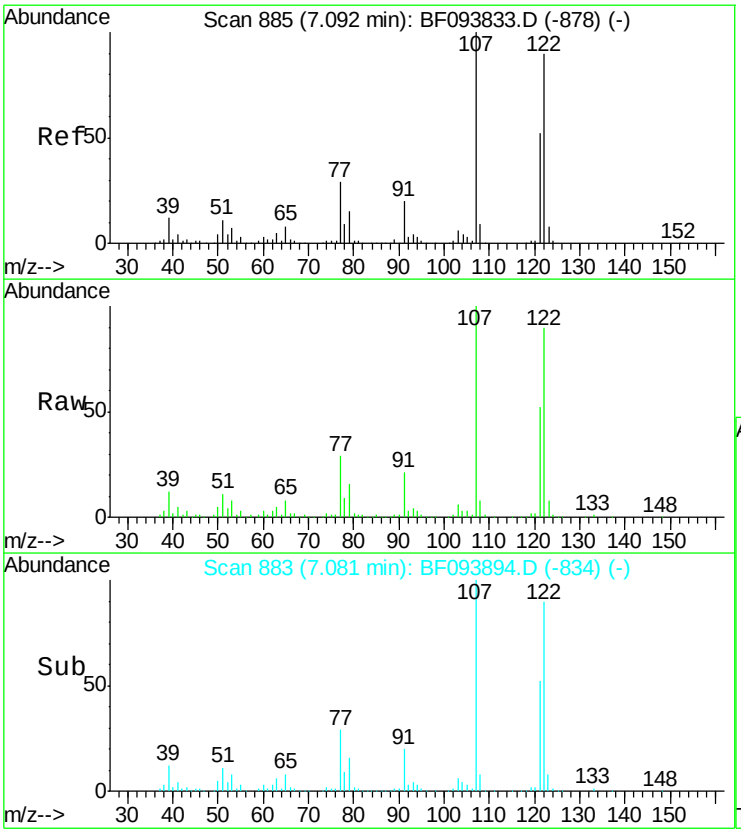
#23
Nitrobenzene-d5
Concen: 77.77 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion: 82 Resp: 890781

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	47.8	42.2	63.2

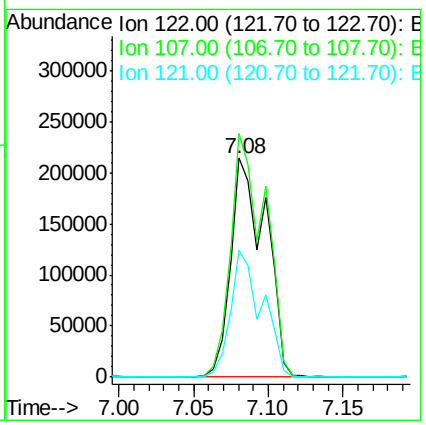


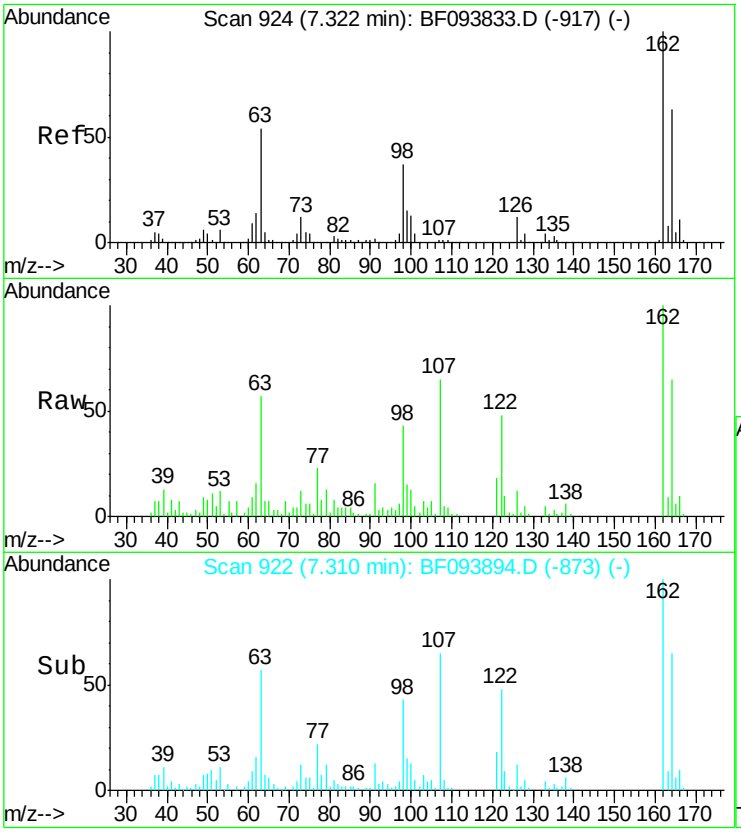


#27
2,4-Dimethylphenol
Concen: 37.77 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:122 Resp: 350617

Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	58.2	45.2	67.8



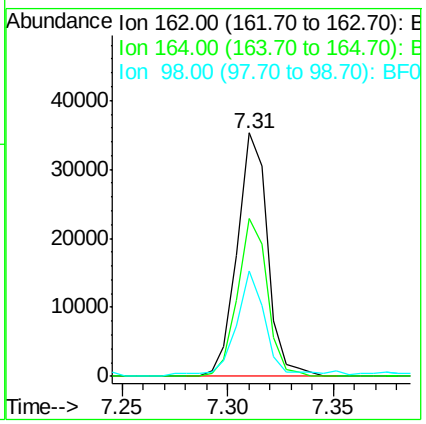


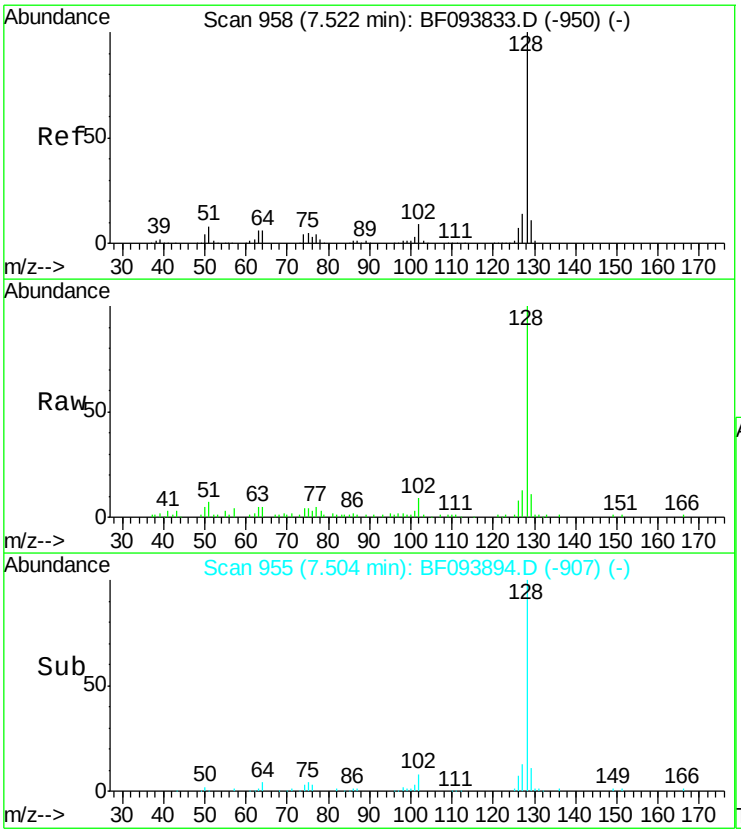
#29
2,4-Dichlorophenol
Concen: 4.06 ng
RT: 7.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:162 Resp: 35199

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	43.2	14.8	54.8

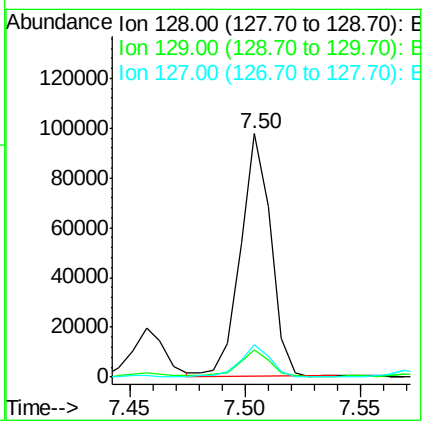


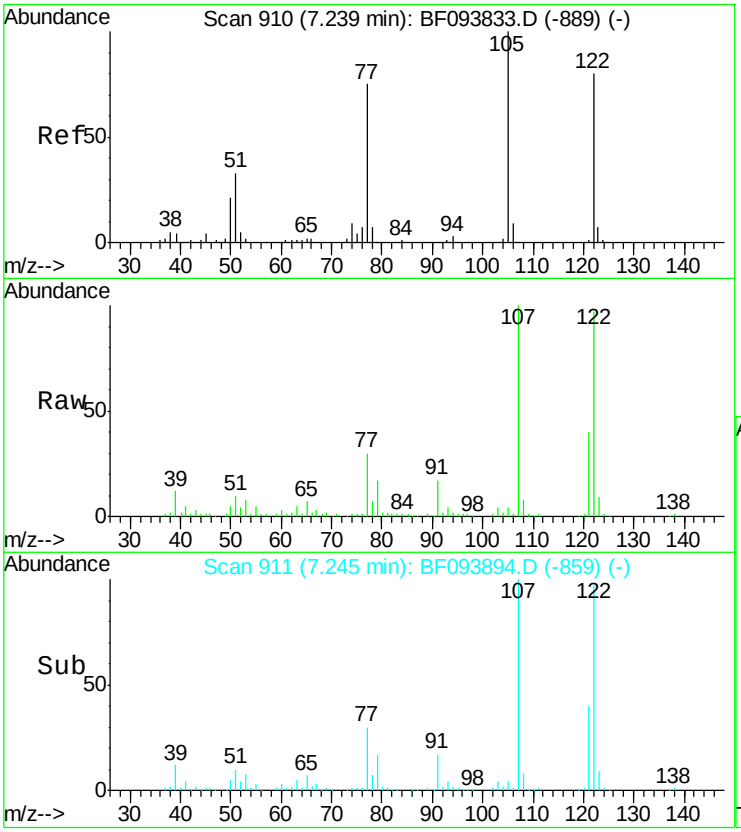


#31
Naphthalene
Concen: 2.84 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:128 Resp: 89166

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.2	10.8	16.2



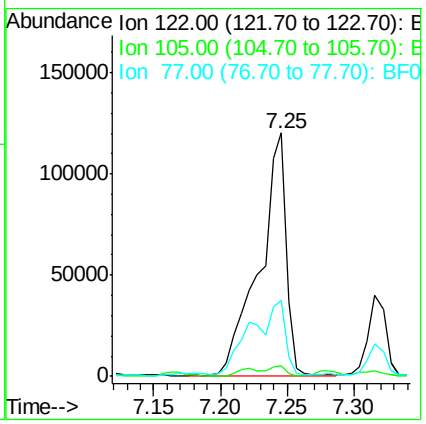


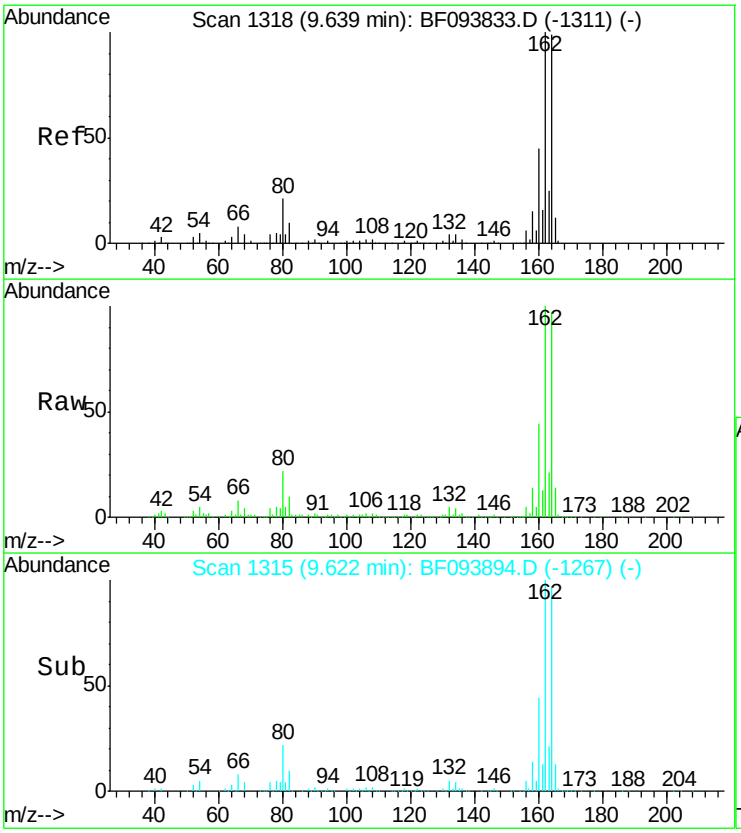
#32
Benzoic acid
Concen: 27.53 ng
RT: 7.25 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:122 Resp: 170140

Ion	Ratio	Lower	Upper
122	100		
105	4.1	103.3	143.3#
77	31.2	73.7	113.7#

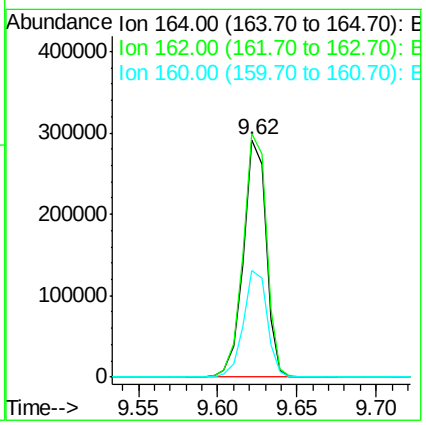


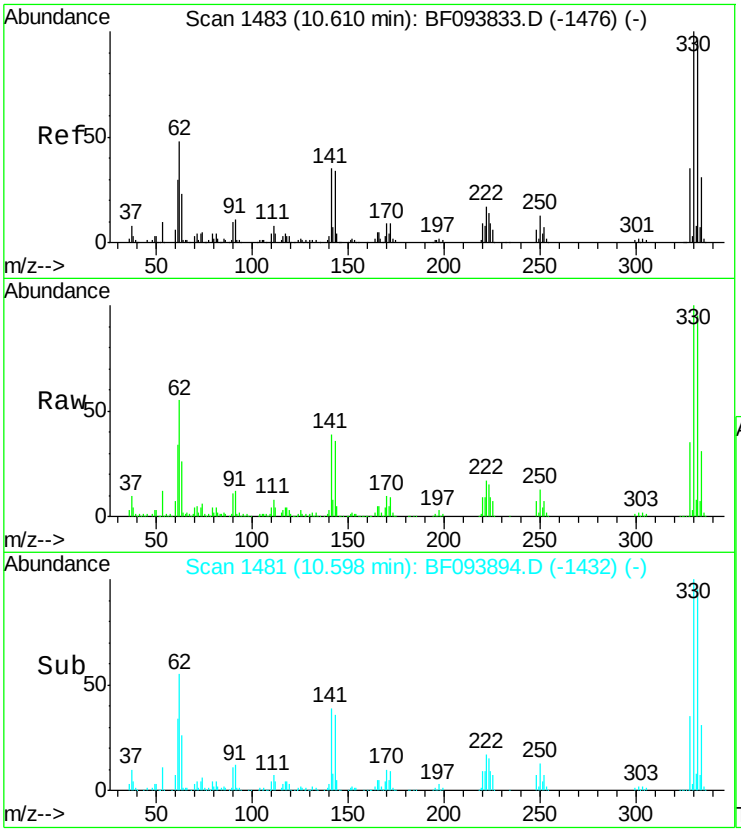


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:164 Resp: 289565

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.0	36.2	54.2



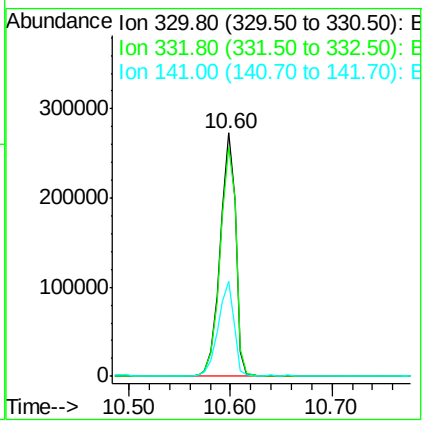


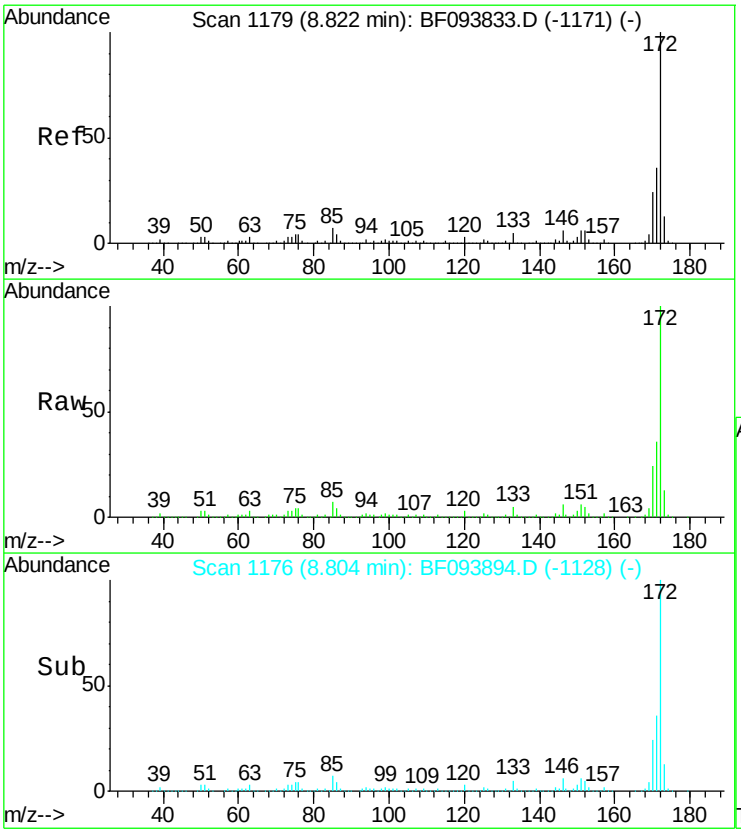
#41
2,4,6-Tribromophenol
Concen: 126.25 ng
RT: 10.60 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:330 Resp: 288888

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.0	31.4	47.2

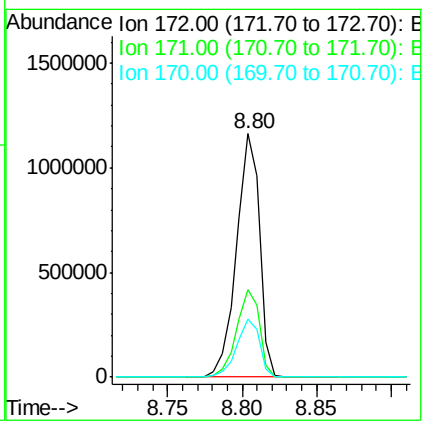


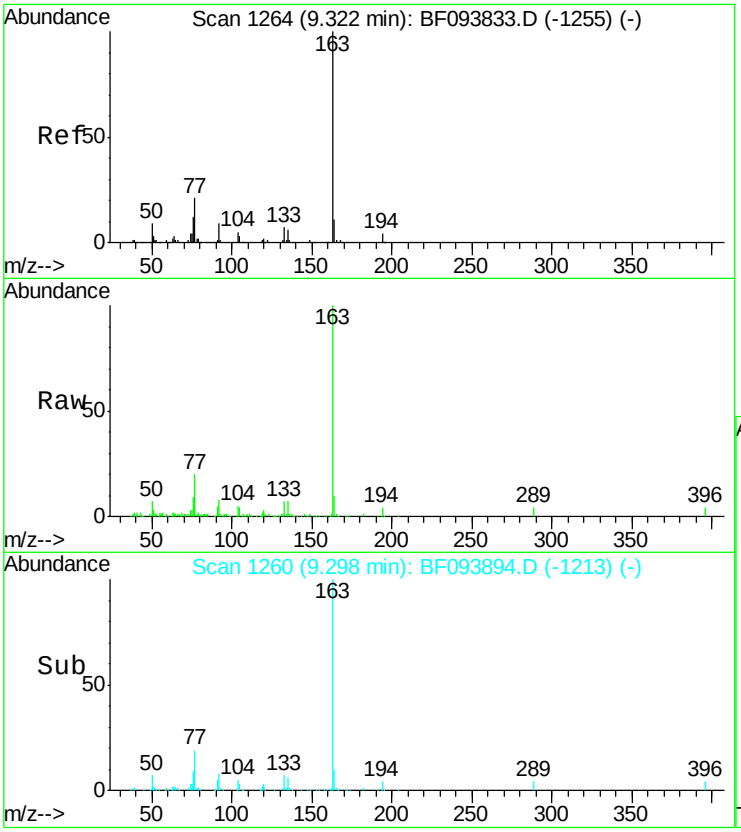


#44
2-Fluorobiphenyl
Concen: 65.80 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:172 Resp: 1249176

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8



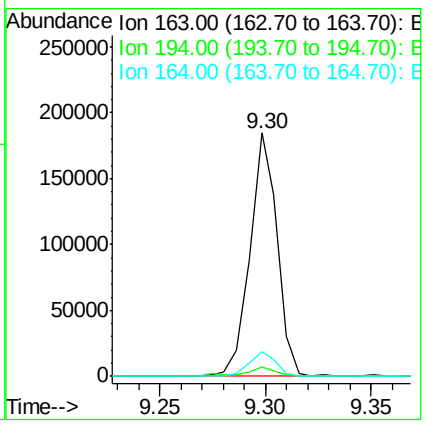


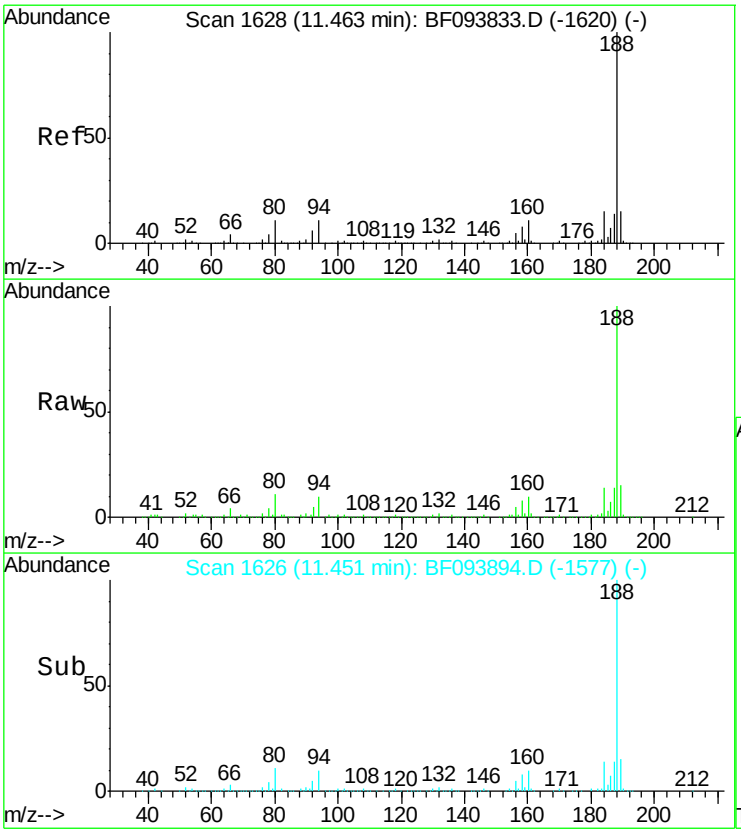
#49
Dimethylphthalate
Concen: 8.01 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:163 Resp: 164811

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

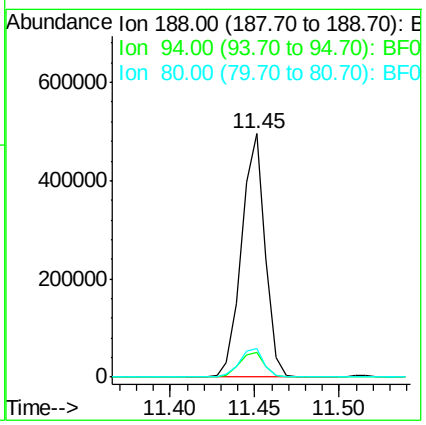


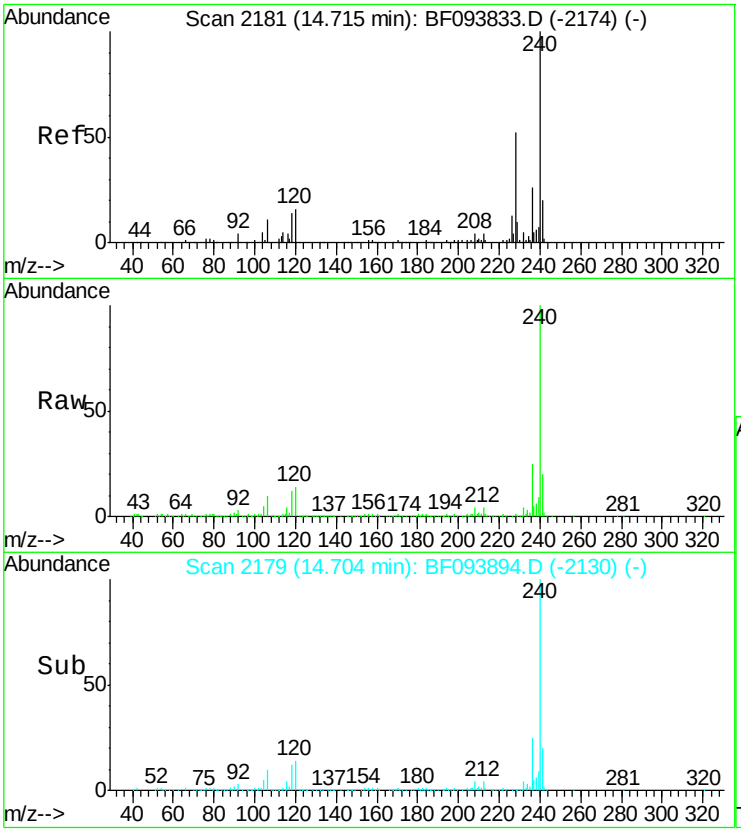


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:188 Resp: 481865

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.5	10.2	15.2



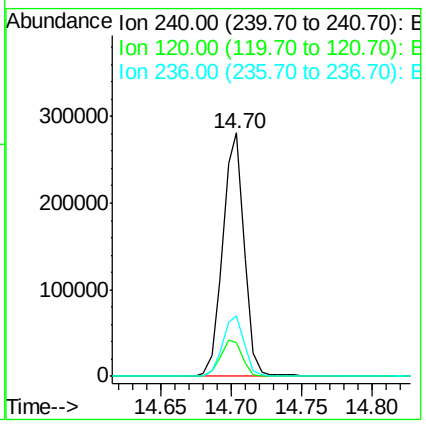


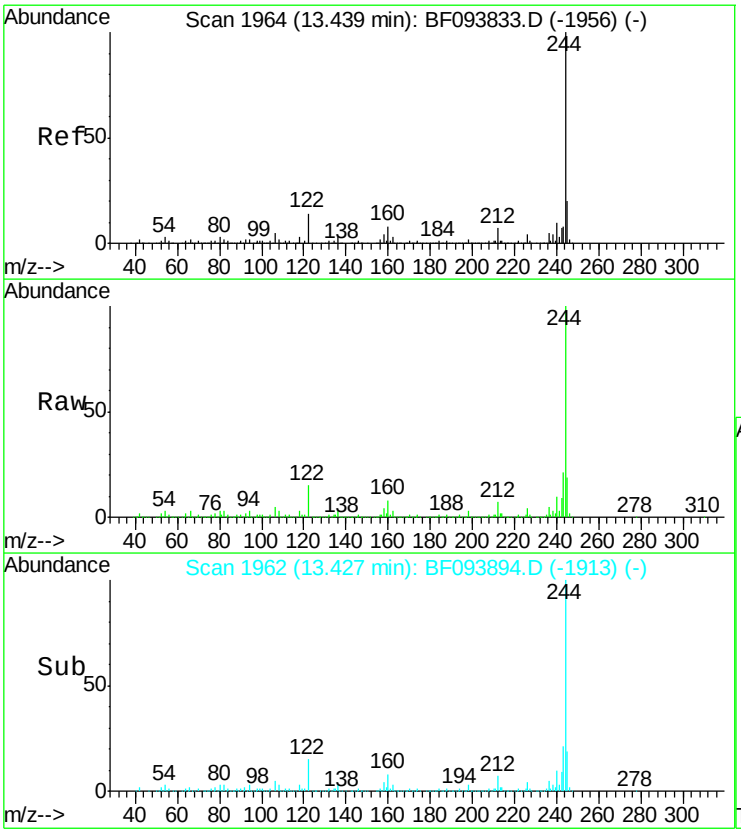
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:240 Resp: 297625

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	24.6	20.5	30.7

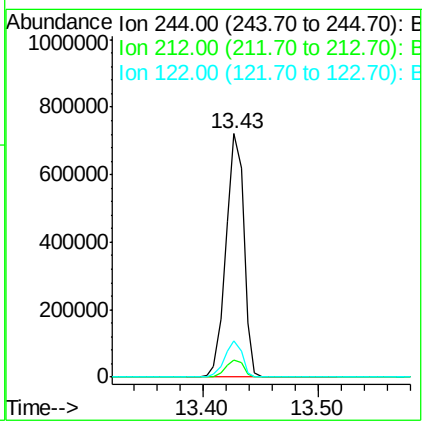


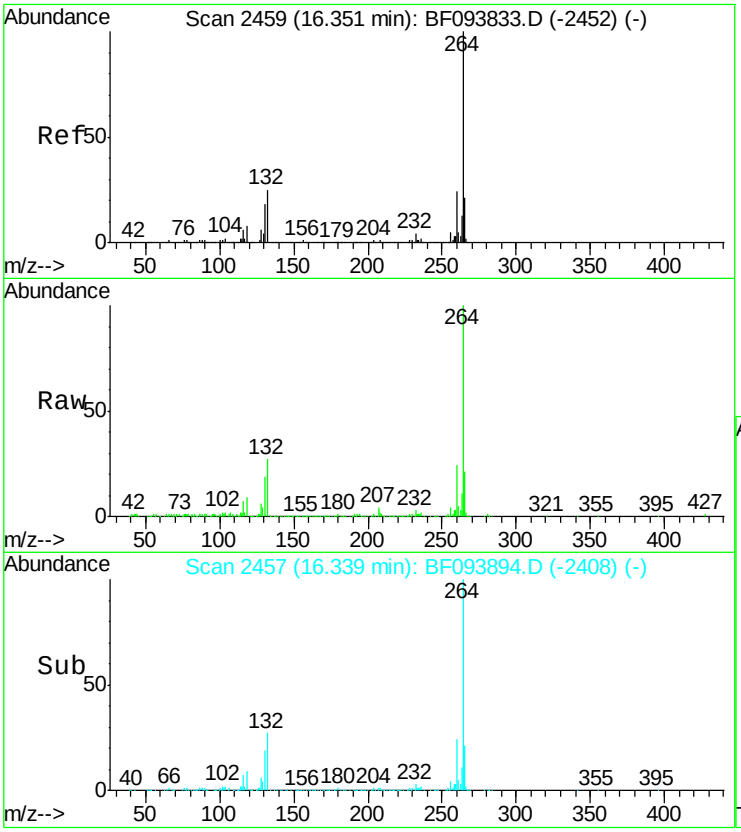


#78
Terphenyl-d14
Concen: 58.46 ng
RT: 13.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF093894.D
Acq: 23 Mar 2017 22:43

Tgt Ion:244 Resp: 776289

Ion	Ratio	Lower	Upper
244	100		
212	7.0	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: BF093894.D
Acq: 23 Mar 2017 22:43

Instrument :
BNA_F
ClientSampleId :
E2-CC10-BASE

Tgt Ion:264 Resp: 281133

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8