Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
Data File : BF093884.D
Acq On : 23 Mar 2017 17:42
Operator : SJ/MA
Sample : I2362-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0663

Quant Time: Mar 24 01:06:01 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	176578	20.00	ng		-0.01
21) Naphthalene-d8	7.48	136	708688	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	323155	20.00	ng		-0.02
63) Phenanthrene-d10	11.45	188	554958	20.00	ng		-0.01
75) Chrysene-d12	14.70	240	346317	20.00	ng		-0.01
86) Perylene-d12	16.34	264	289485	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	319473	30.56	ng		0.00
7) Phenol-d6	5.55	99	290950	22.50	ng		-0.02
23) Nitrobenzene-d5	6.62	82	1001503	80.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	198955	77.91	ng		-0.01
44) 2-Fluorobiphenyl	8.81	172	1773485	83.71	ng		-0.01
78) Terphenyl-d14	13.43	244	1114511	72.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	5.49	77	19531	2.24	ng	#	1
10) Phenol	5.57	94	38279	2.60	ng		87
15) Benzyl Alcohol	6.15	79	19243	2.03	ng	#	45
20) 3+4-Methylphenols	6.45	107	37082	3.11	ng	#	82
22) Acetophenone	6.44	105	100866	6.39	ng	#	76
27) 2,4-Dimethylphenol	7.08	122	53431	5.31	ng		96
31) Naphthalene	7.50	128	395314	11.60	ng		100
32) Benzoic acid	7.22	122	21890	3.27	ng	#	40
35) Caprolactam	8.02	113	23396	7.80	ng	#	1
37) 2-Methylnaphthalene	8.35	142	120340	5.30	ng		99
53) 2,4-Dinitrophenol	9.77	184	1155	5.05	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
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Acq On : 23 Mar 2017 17:42
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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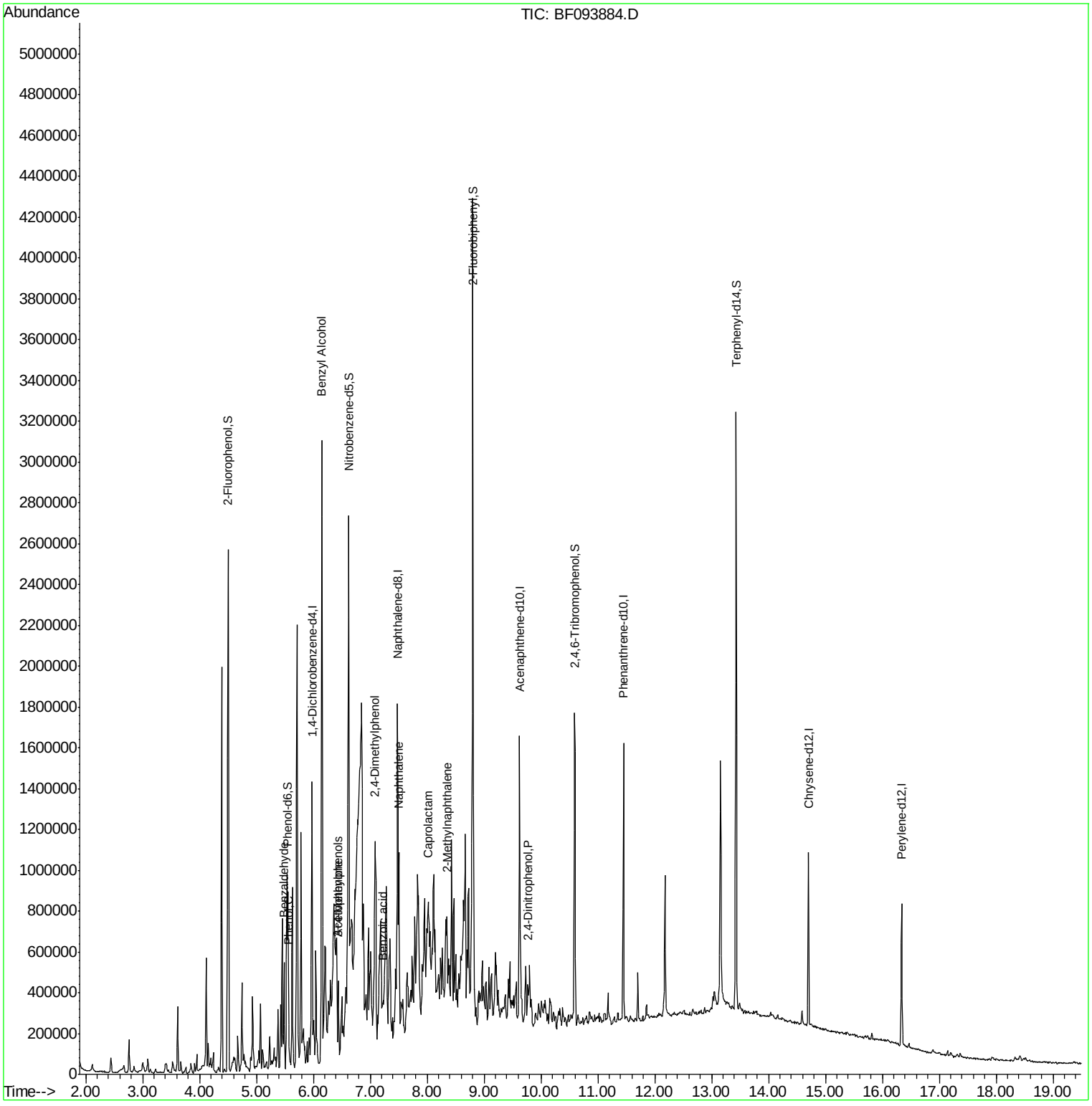
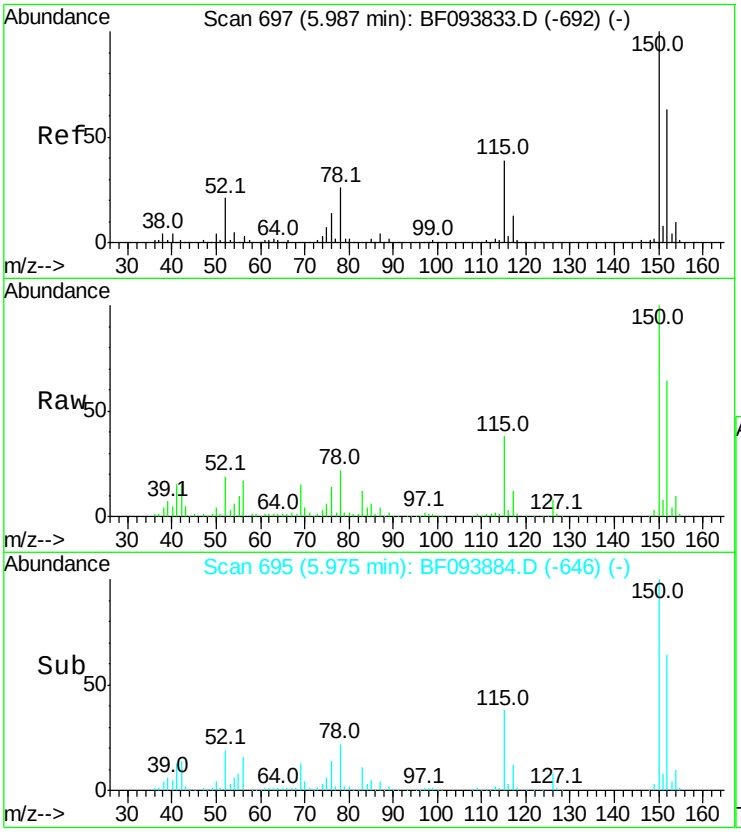


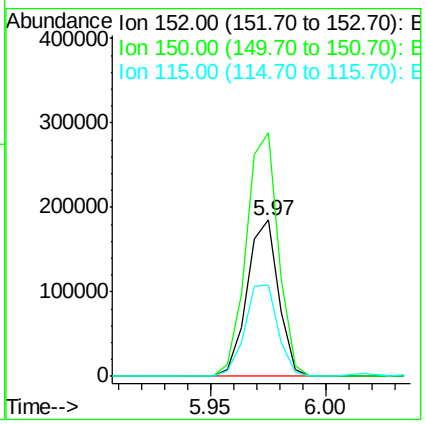


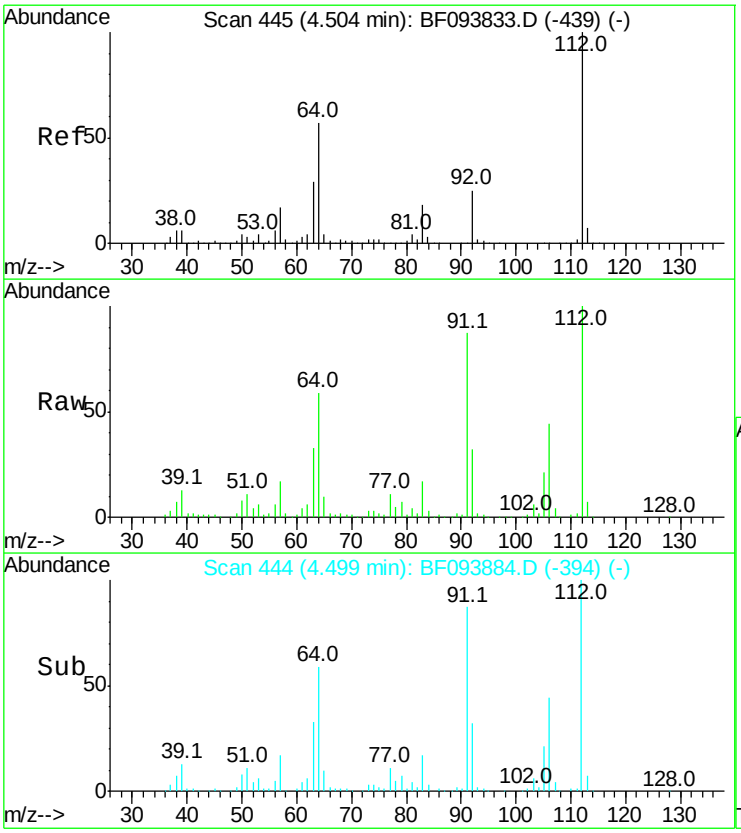
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:152 Resp: 176578

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	58.5	52.2	78.2

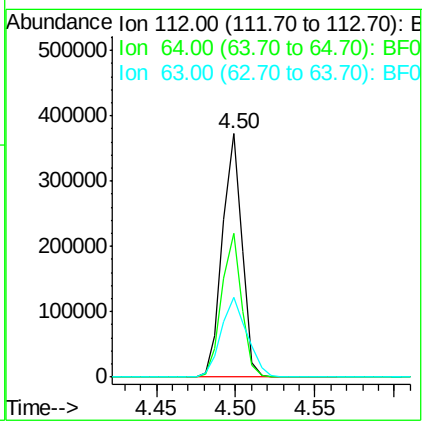


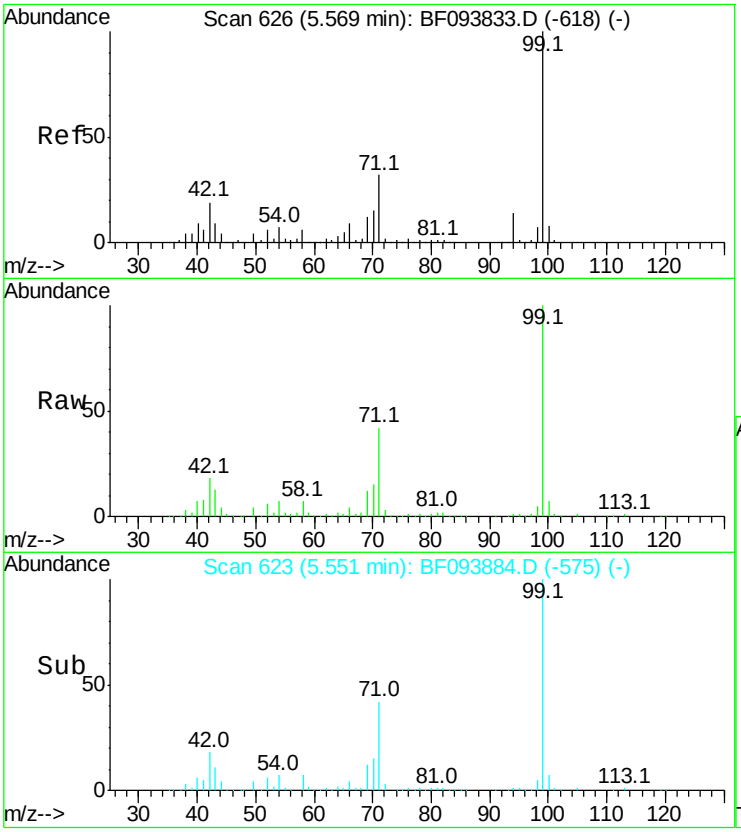


#5
2-Fluorophenol
Concen: 30.56 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:112 Resp: 319473

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	32.8	23.4	35.0



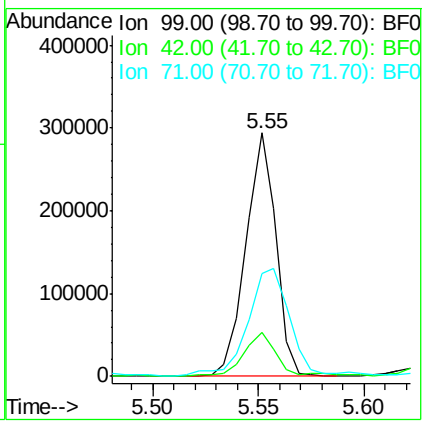


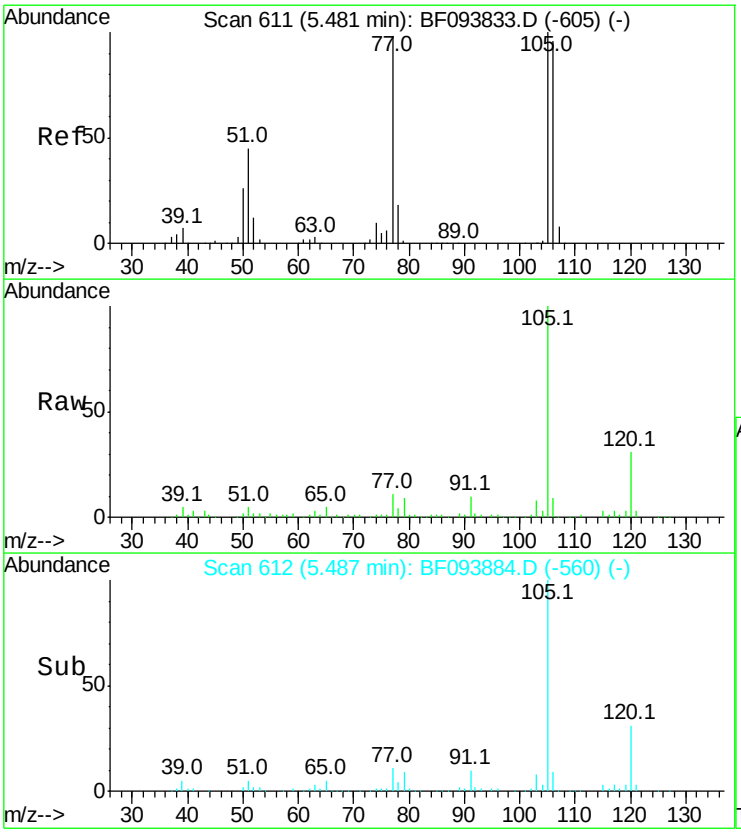
#7
Phenol-d6
Concen: 22.50 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion: 99 Resp: 290950

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	42.5	24.5	36.7#

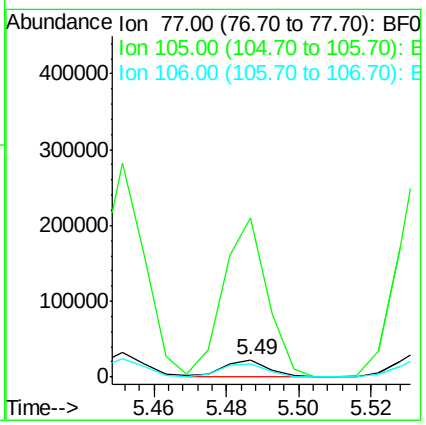


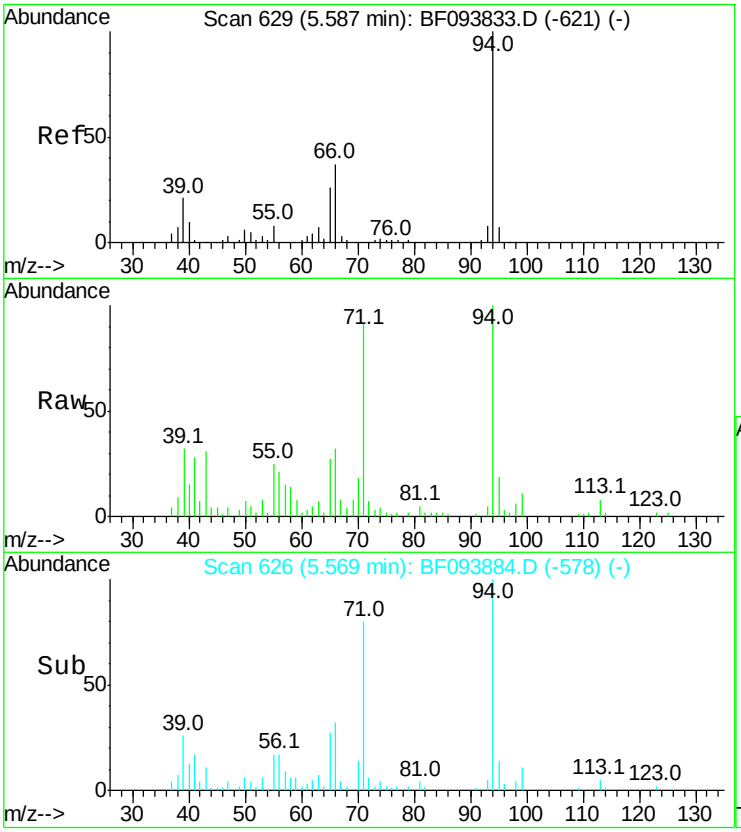


#9
Benzaldehyde
Concen: 2.24 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion: 77 Resp: 19531

Ion	Ratio	Lower	Upper
77	100		
105	923.7	83.8	123.8#
106	79.2	79.1	119.1



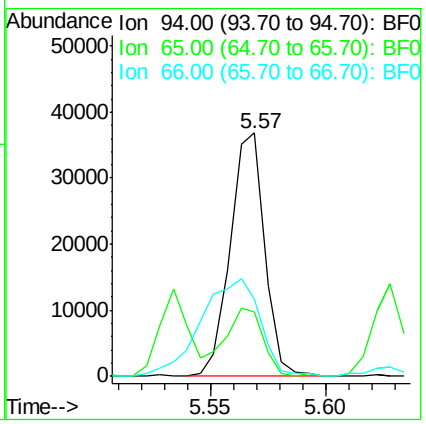


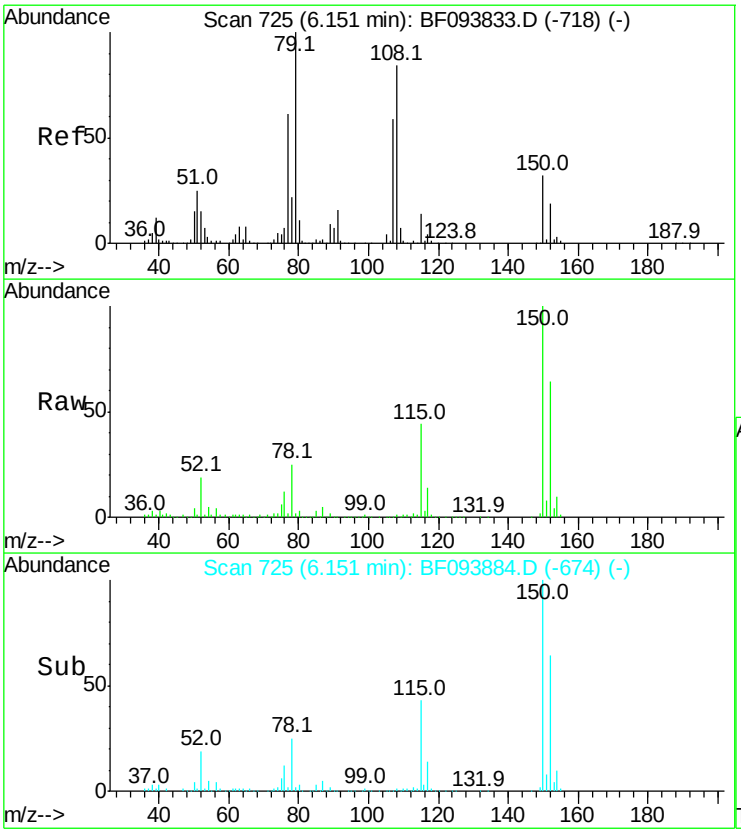
#10
Phenol
Concen: 2.60 ng
RT: 5.57 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion: 94 Resp: 38279

Ion	Ratio	Lower	Upper
94	100		
65	26.6	9.9	49.9
66	31.6	23.1	63.1

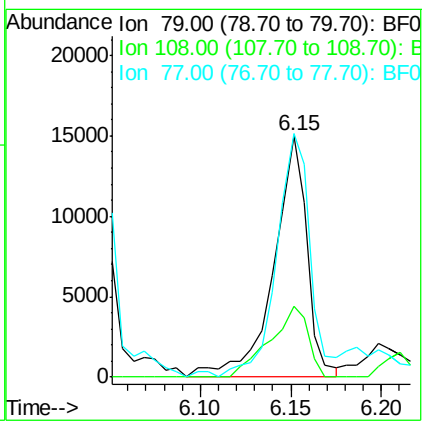


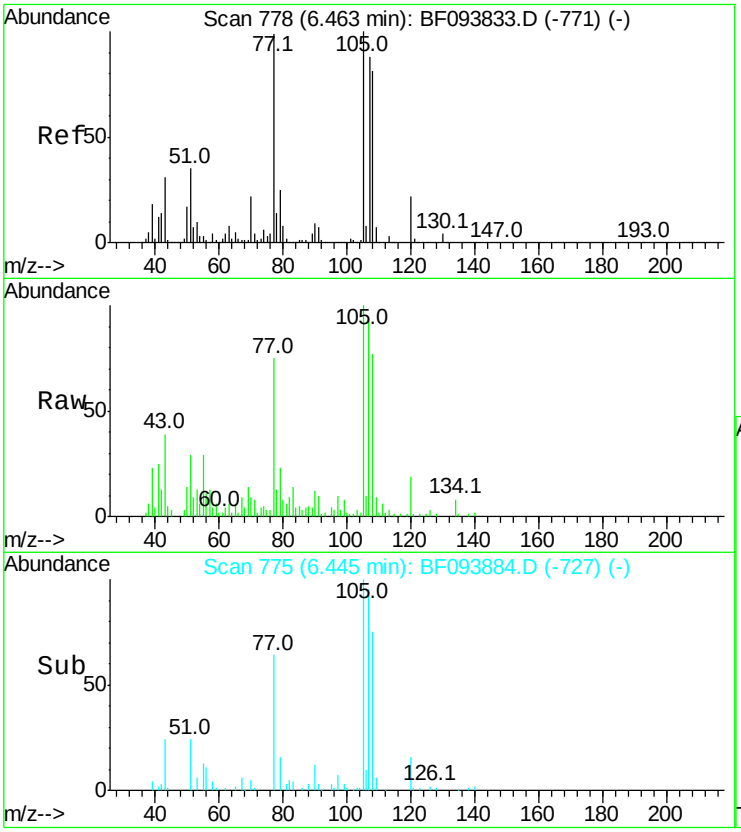


#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.15 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion: 79 Resp: 19243

Ion	Ratio	Lower	Upper
79	100		
108	29.1	63.4	95.0#
77	100.8	49.2	73.8#



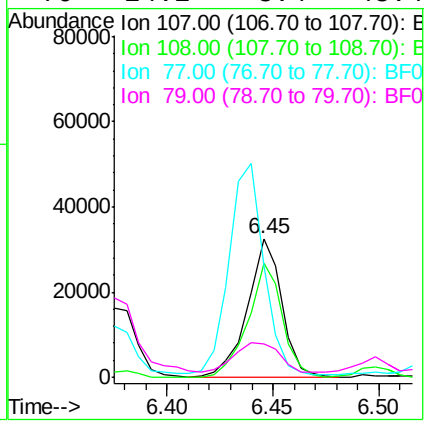


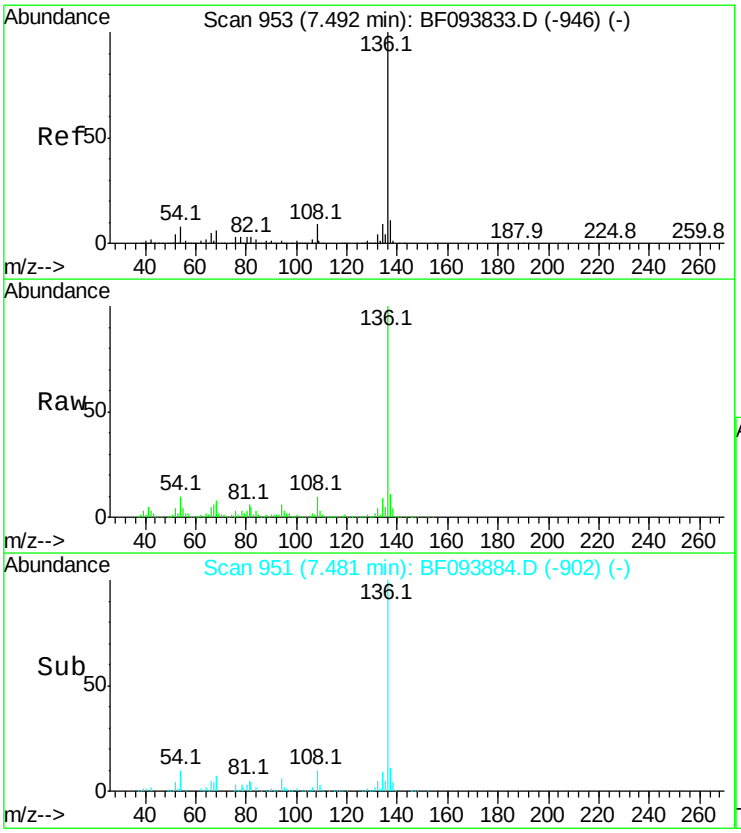
#20
3+4-Methylphenols
Concen: 3.11 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:107 Resp: 37082

Ion	Ratio	Lower	Upper
107	100		
108	82.4	71.0	111.0
77	80.4	90.5	130.5#
79	24.2	8.4	48.4

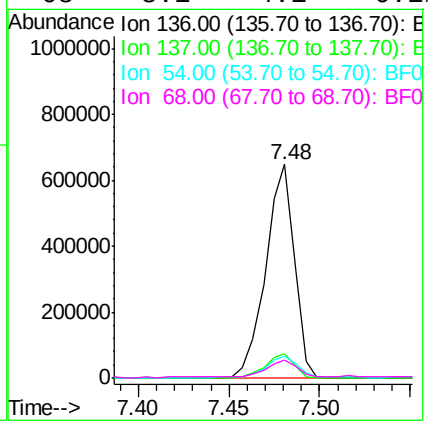


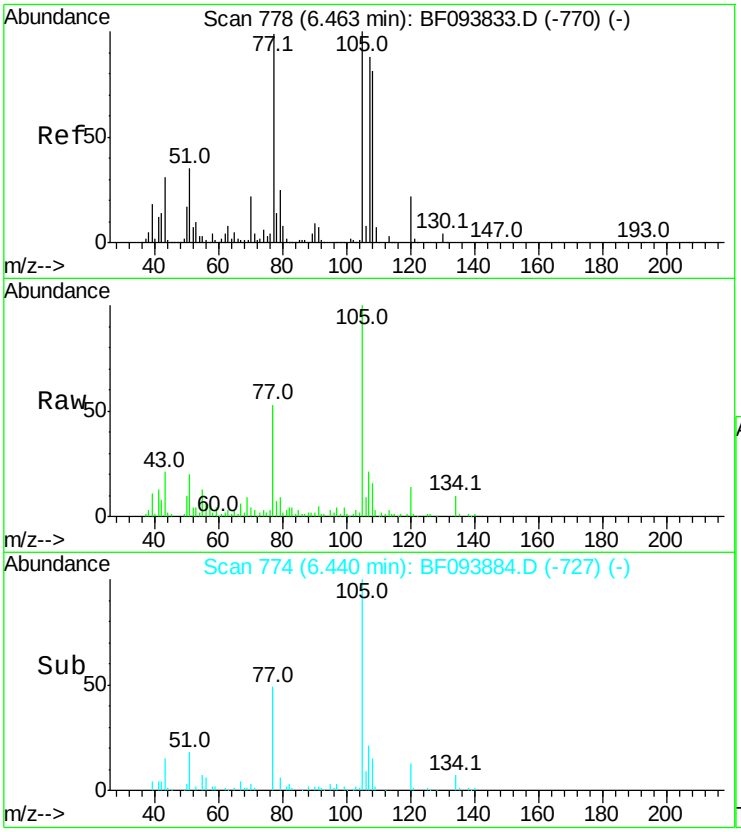


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:136 Resp: 708688

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.2	4.9	7.3#
68	8.1	4.1	6.1#



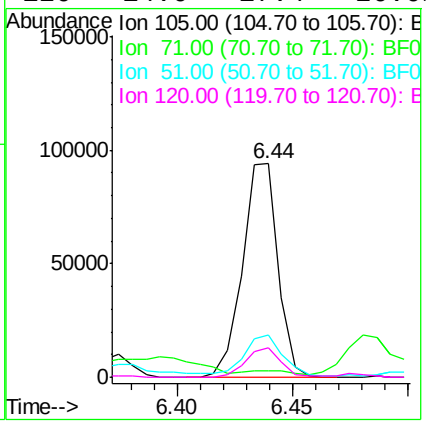


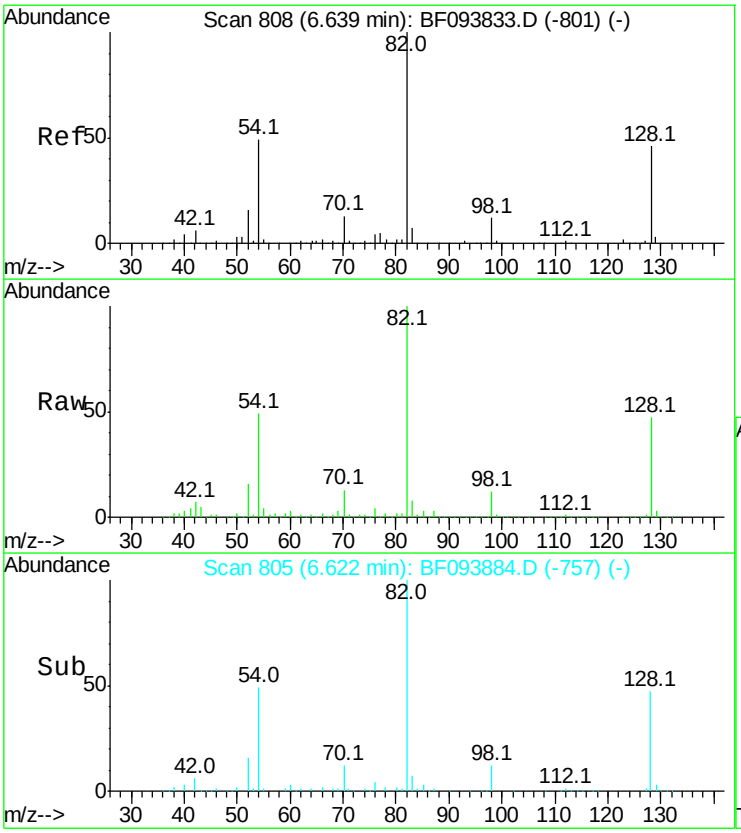
#22
Acetophenone
Concen: 6.39 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:105 Resp: 100866

Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.8	4.2
51	19.6	30.7	46.1#
120	14.0	17.4	26.0#

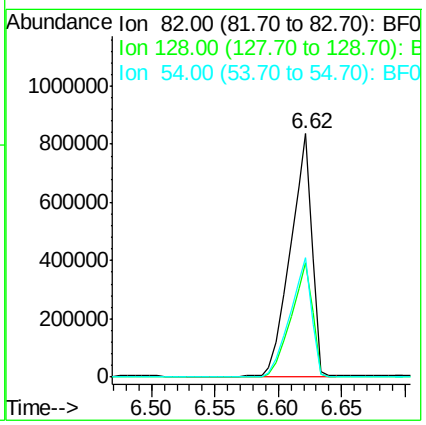


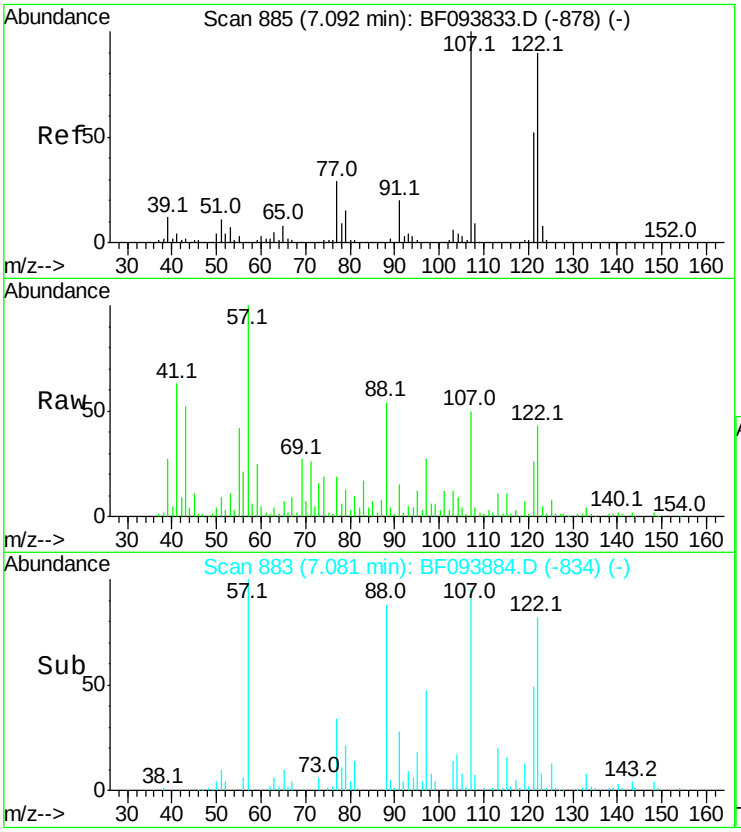


#23
Nitrobenzene-d5
Concen: 80.65 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion: 82 Resp: 1001503

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.1	42.2	63.2



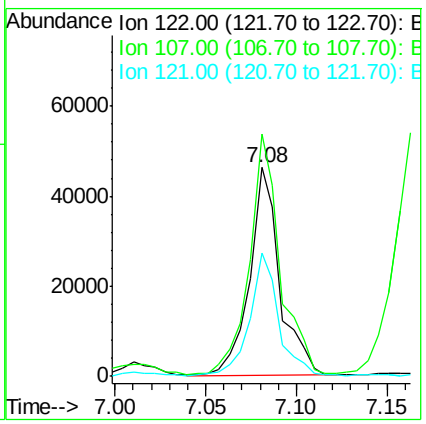


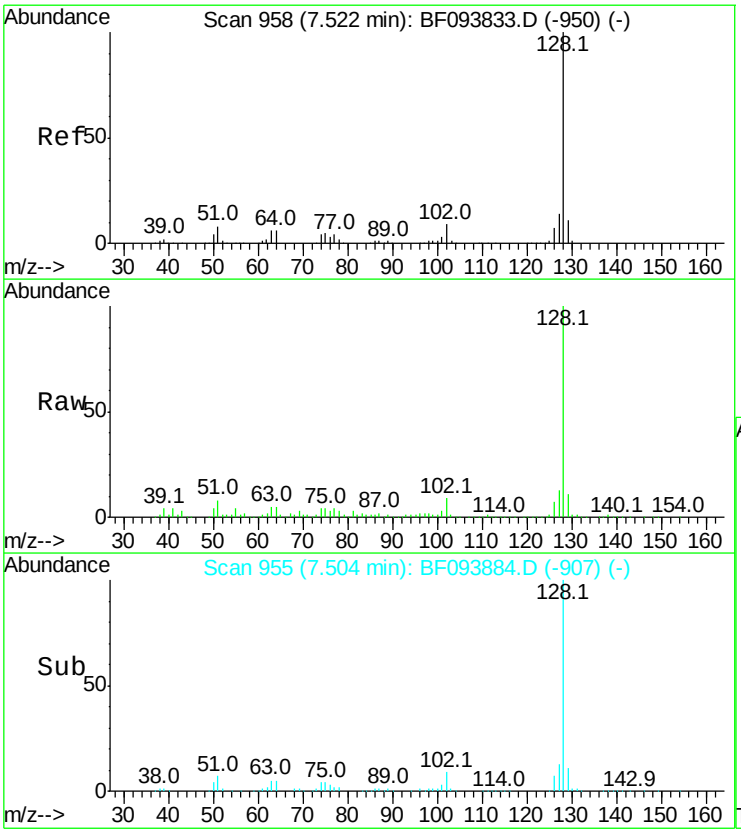
#27
2,4-Dimethylphenol
Concen: 5.31 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:122 Resp: 53431

Ion	Ratio	Lower	Upper
122	100		
107	115.9	89.2	133.8
121	59.3	45.2	67.8

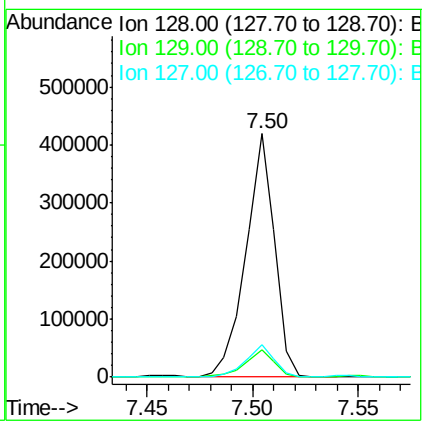


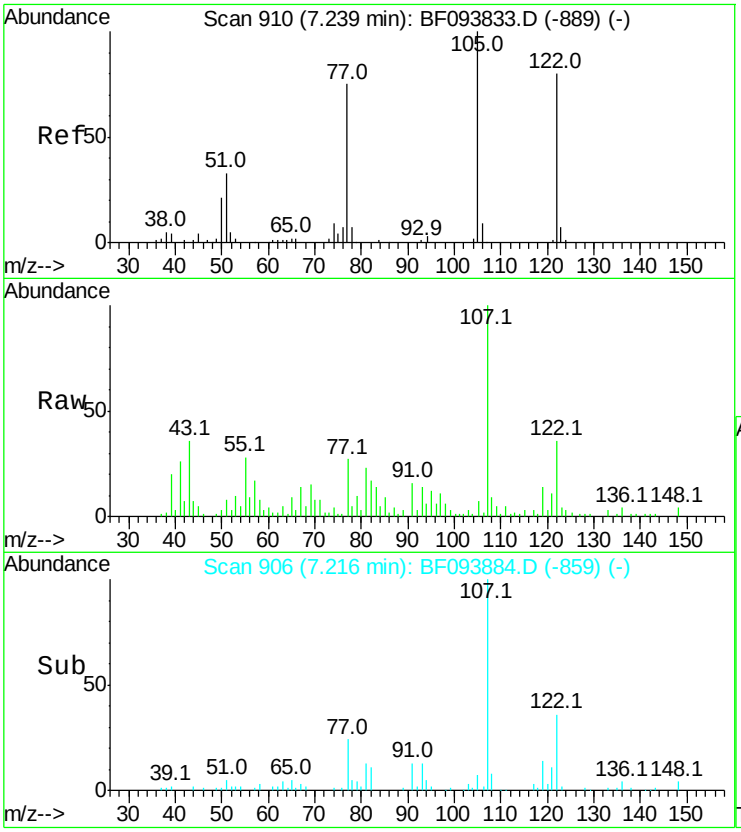


#31
Naphthalene
Concen: 11.60 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:128 Resp: 395314

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2



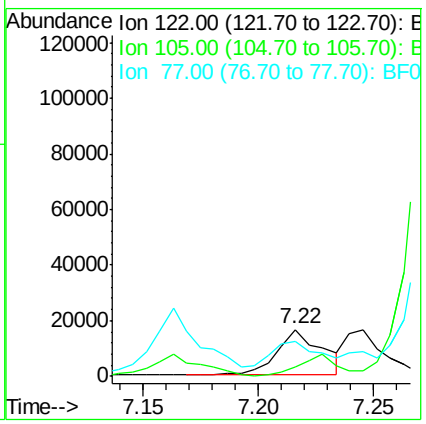


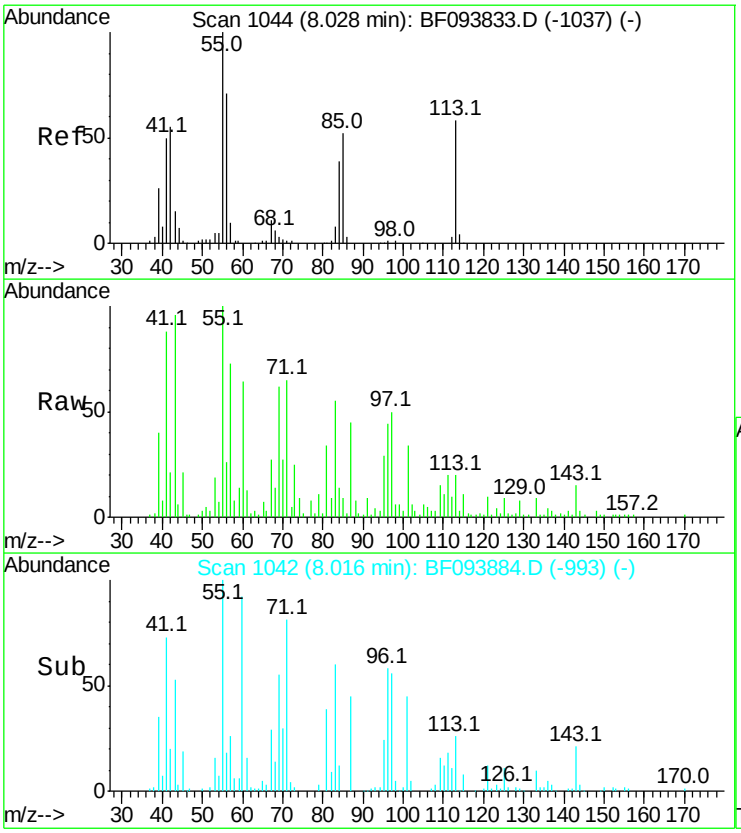
#32
Benzoic acid
Concen: 3.27 ng
RT: 7.22 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:122 Resp: 21890

Ion	Ratio	Lower	Upper
122	100		
105	20.5	103.3	143.3#
77	74.2	73.7	113.7

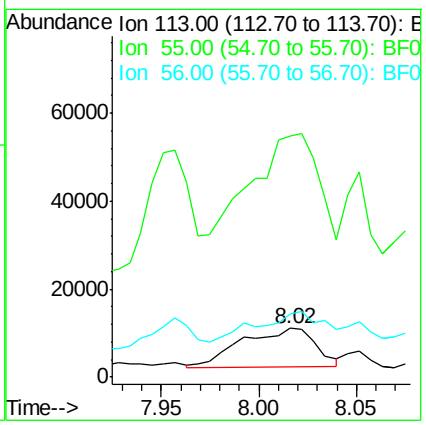


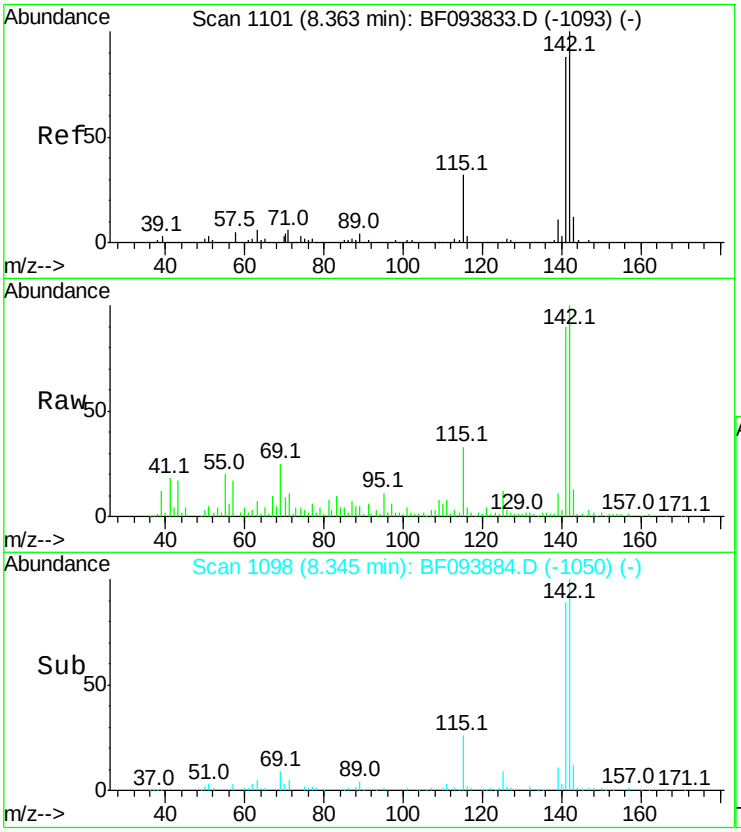


#35
Caprolactam
Concen: 7.80 ng
RT: 8.02 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:113 Resp: 23396

Ion	Ratio	Lower	Upper
113	100		
55	495.0	150.2	190.2#
56	130.7	107.8	147.8



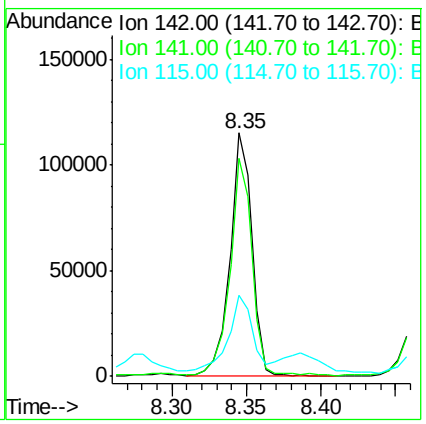


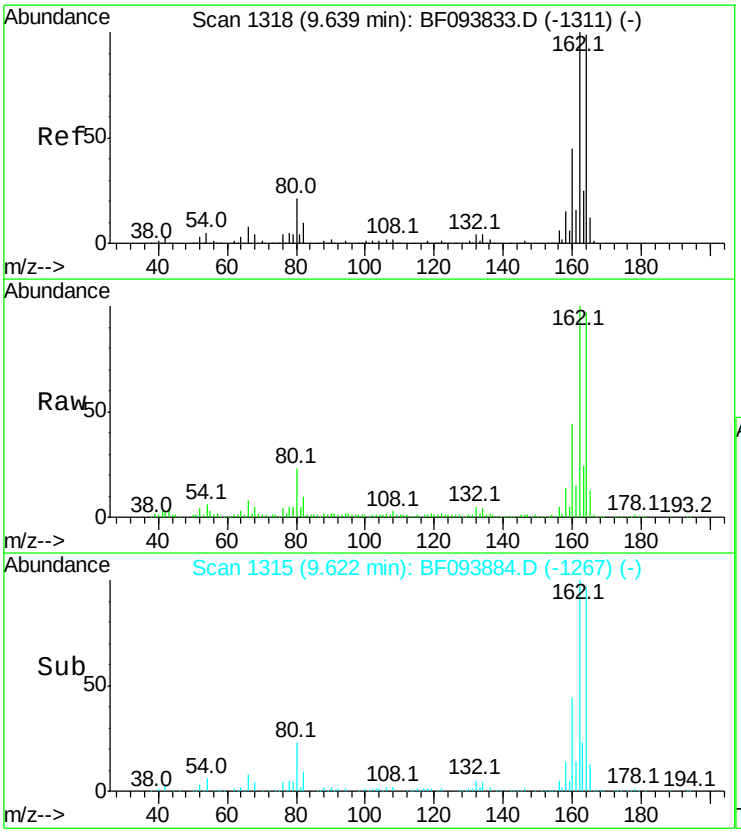
#37
2-Methylnaphthalene
Concen: 5.30 ng
RT: 8.35 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:142 Resp: 120340

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	33.4	27.1	40.7

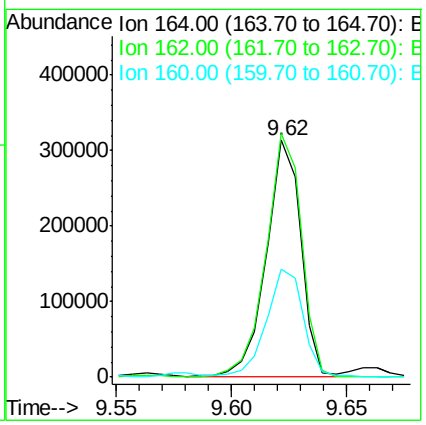


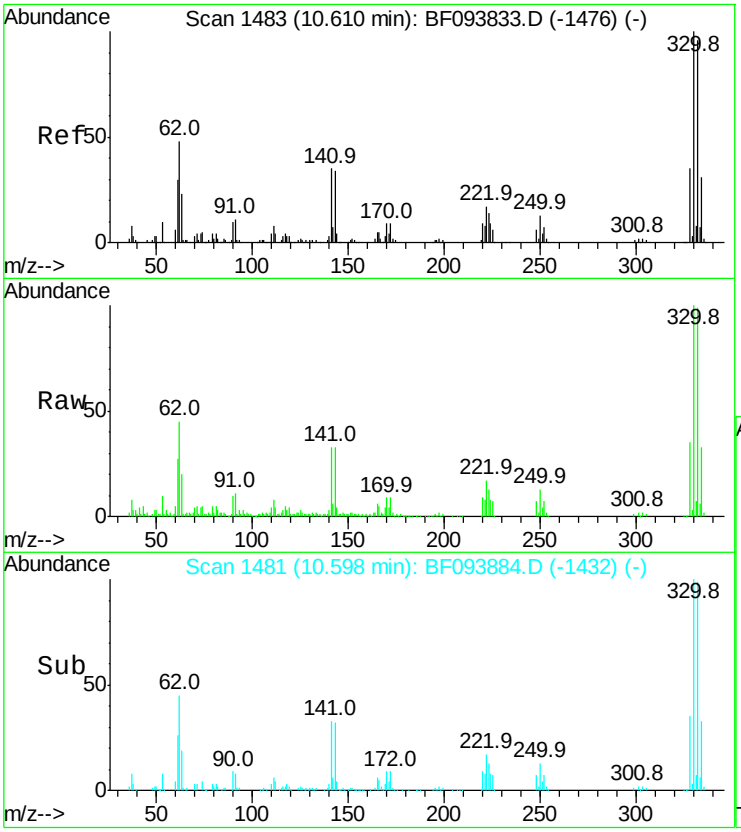


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:164 Resp: 323155

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.4	36.2	54.2



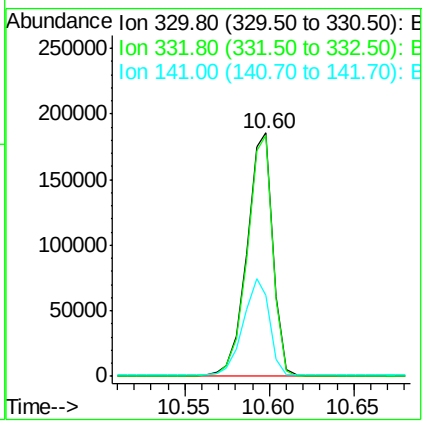


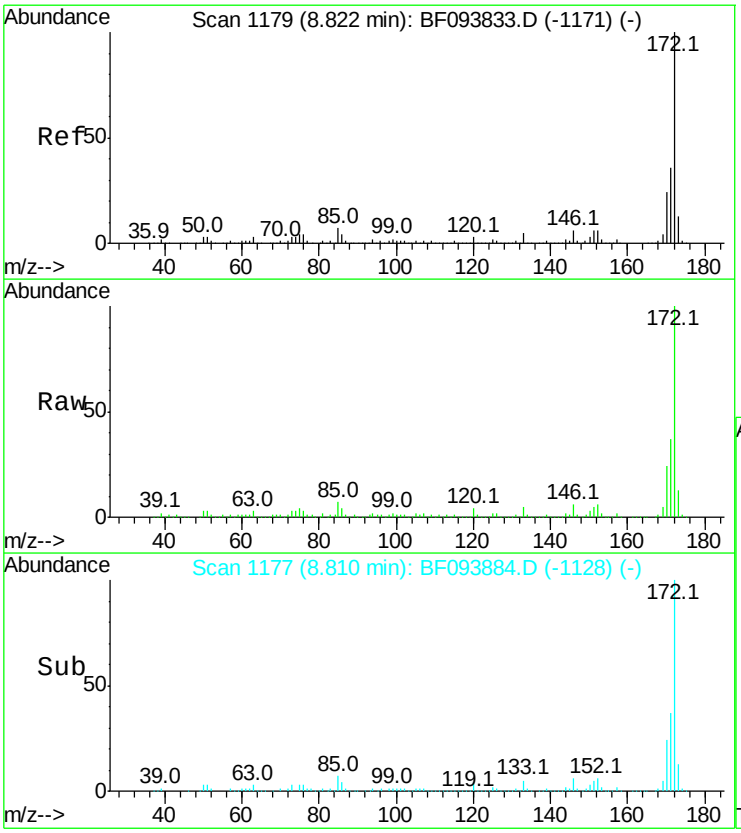
#41
2,4,6-Tribromophenol
Concen: 77.91 ng
RT: 10.60 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:330 Resp: 198955

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	40.6	31.4	47.2

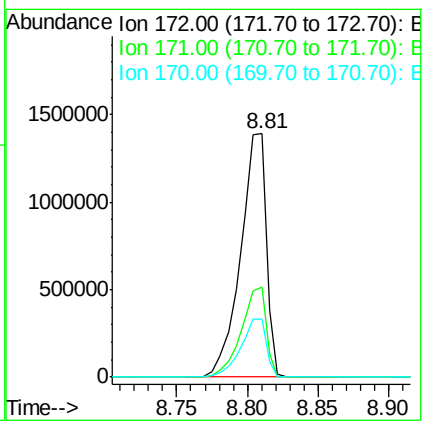


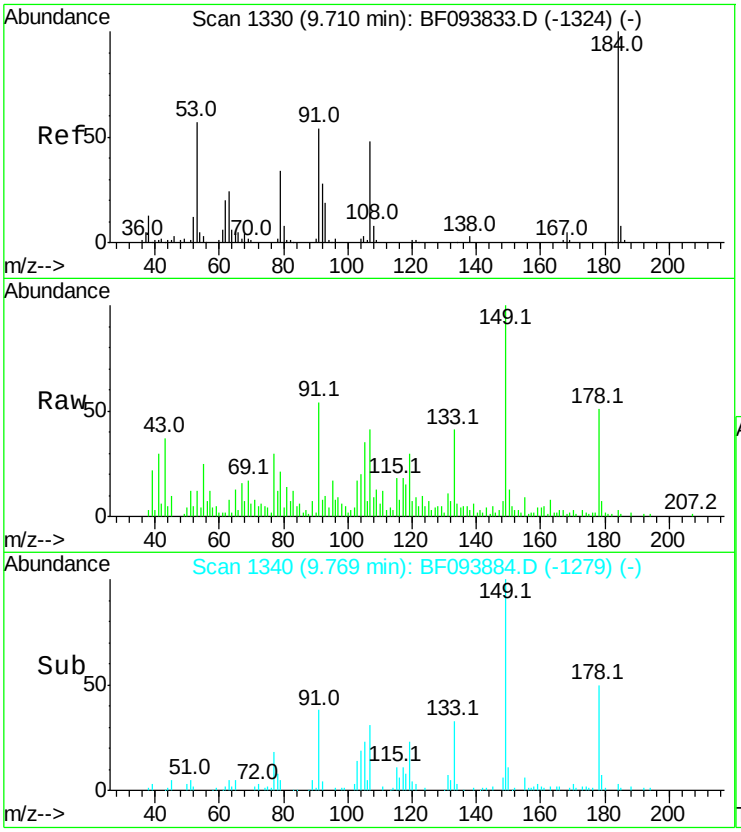


#44
2-Fluorobiphenyl
Concen: 83.71 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:172 Resp: 1773485

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.7	19.8	29.8



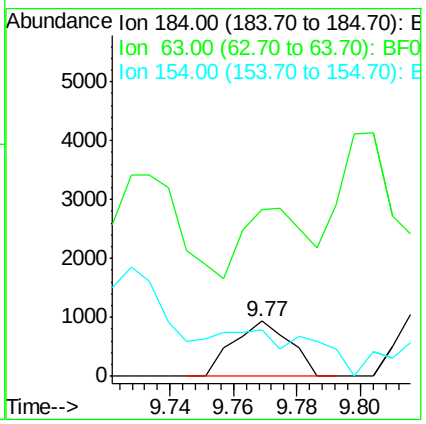


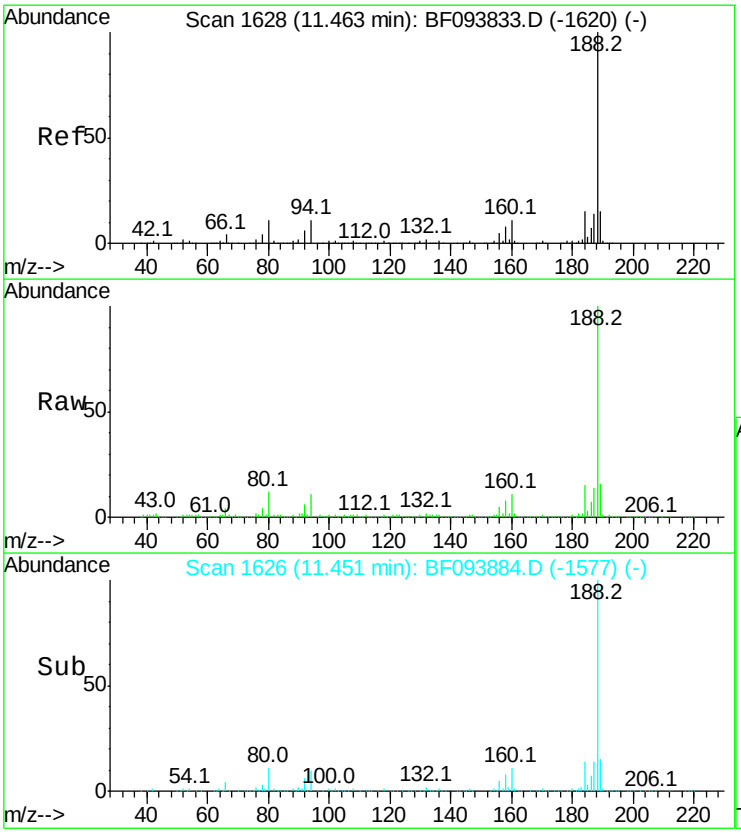
#53
2,4-Dinitrophenol
Concen: 5.05 ng
RT: 9.77 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:184 Resp: 1155

Ion	Ratio	Lower	Upper
184	100		
63	304.6	62.7	94.1#
154	84.5	81.1	121.7

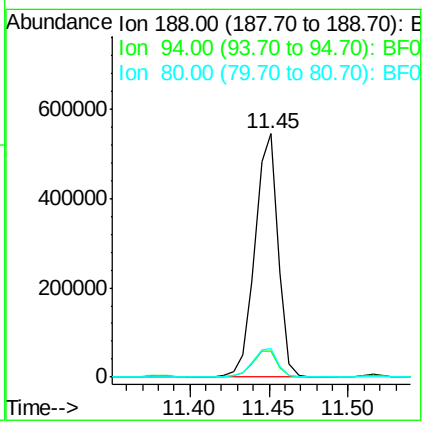


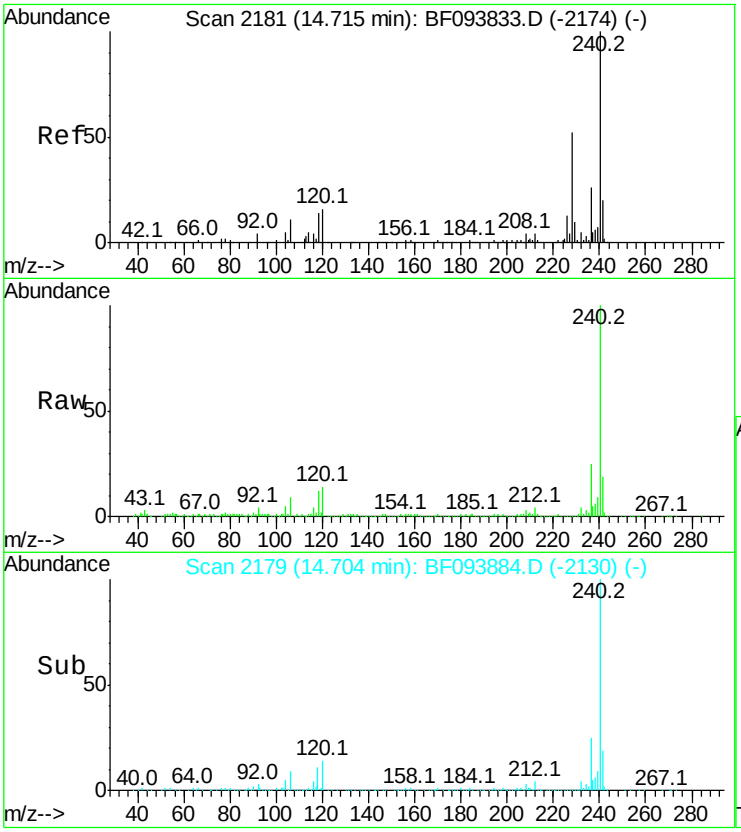


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:188 Resp: 554958

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.5	10.2	15.2



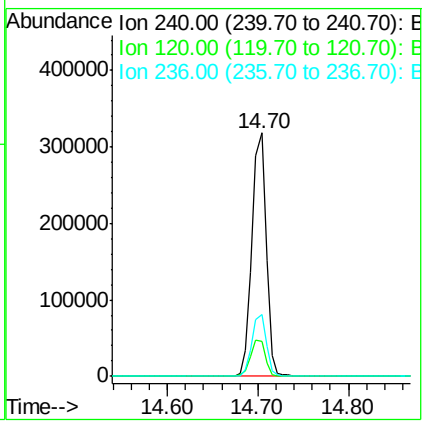


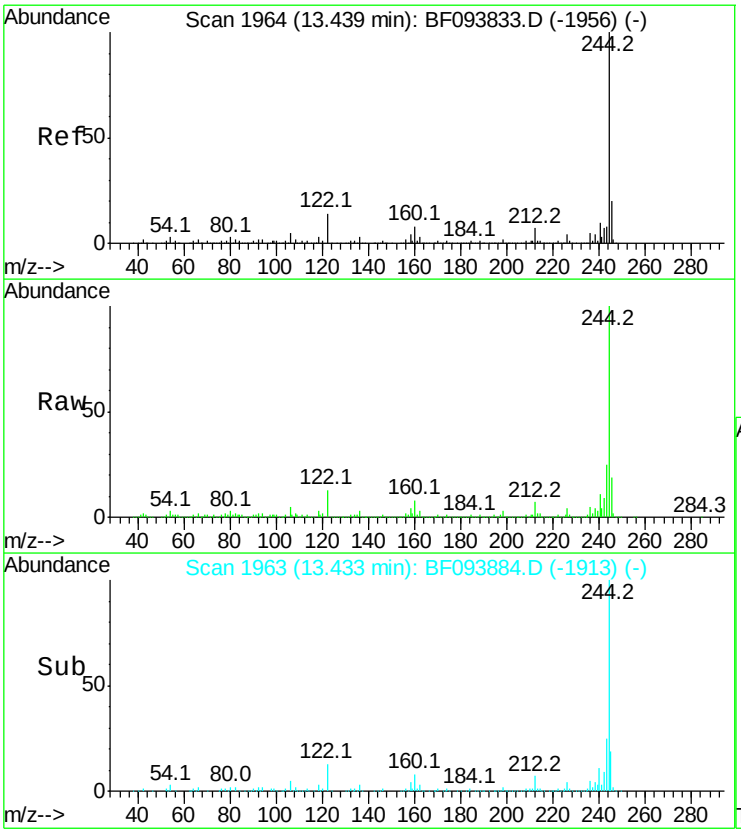
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:240 Resp: 346317

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.3	20.5	30.7

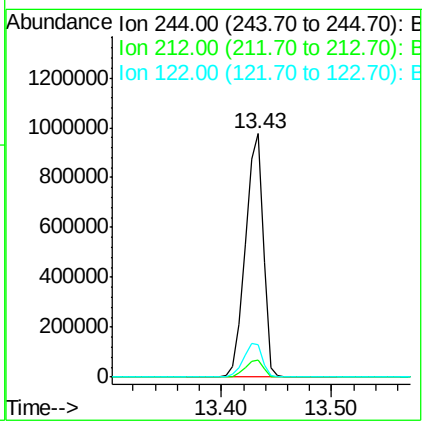


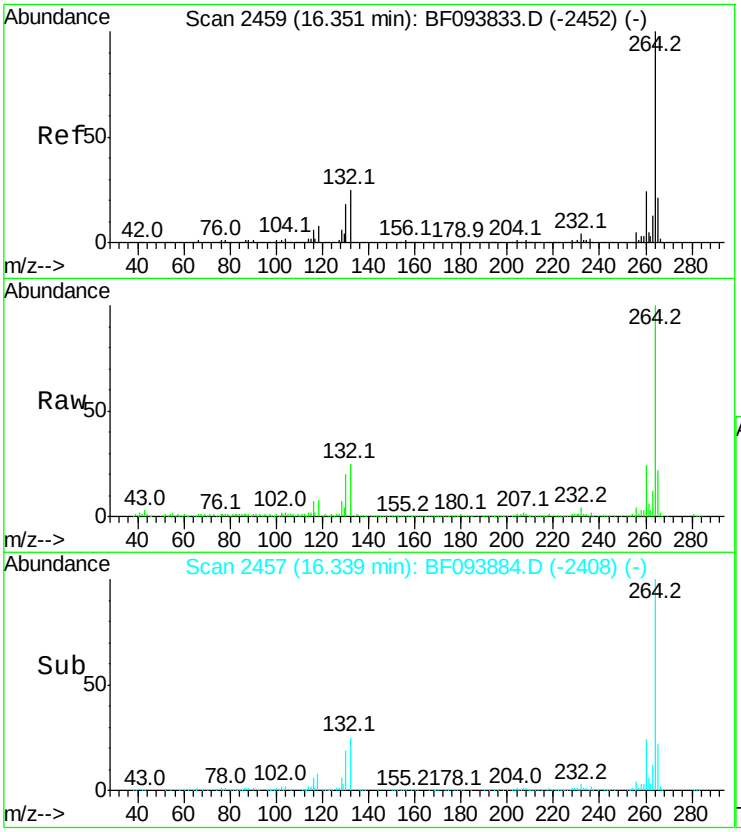


#78
Terphenyl-d14
Concen: 72.14 ng
RT: 13.43 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BF093884.D
Acq: 23 Mar 2017 17:42

Tgt Ion:244 Resp: 1114511

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	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: BF093884.D
Acq: 23 Mar 2017 17:42

Instrument :
BNA_F
ClientSampleId :
S8-0663

Tgt Ion:264 Resp: 289485

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	17.2	25.8