Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094182.D
Acq On : 4 Apr 2017 22:12
Operator : SJ/MA
Sample : I2516-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Apr 05 00:59:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	186038	20.00	ng		-0.03
21) Naphthalene-d8	7.38	136	697201	20.00	ng		-0.03
38) Acenaphthene-d10	9.53	164	340990	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	560899	20.00	ng		-0.02
75) Chrysene-d12	14.60	240	422527	20.00	ng		-0.03
86) Perylene-d12	16.23	264	289606	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.41	112	673912	61.18	ng		-0.02
7) Phenol-d6	5.49	99	578937	42.49	ng		-0.02
23) Nitrobenzene-d5	6.53	82	1008670	82.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	352773	130.92	ng		-0.02
44) 2-Fluorobiphenyl	8.71	172	1795491	80.31	ng		-0.02
78) Terphenyl-d14	13.33	244	1406865	74.63	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	5.63	77	25100	2.73	ng		81
15) Benzyl Alcohol	6.05	79	23915	2.40	ng	#	52
18) Hexachloroethane	6.43	117	17286	3.58	ng	#	1
22) Acetophenone	6.34	105	308775	19.87	ng	#	51
27) 2,4-Dimethylphenol	7.02	122	21410	2.16	ng		93
31) Naphthalene	7.40	128	145388	4.34	ng		94
35) Caprolactam	7.94	113	19632	6.65	ng	#	11
47) 2-Nitroaniline	9.05	65	54523	8.54	ng	#	29
50) 2,6-Dinitrotoluene	9.24	165	76853	13.83	ng	#	43
53) 2,4-Dinitrophenol	9.62	184	118	4.70	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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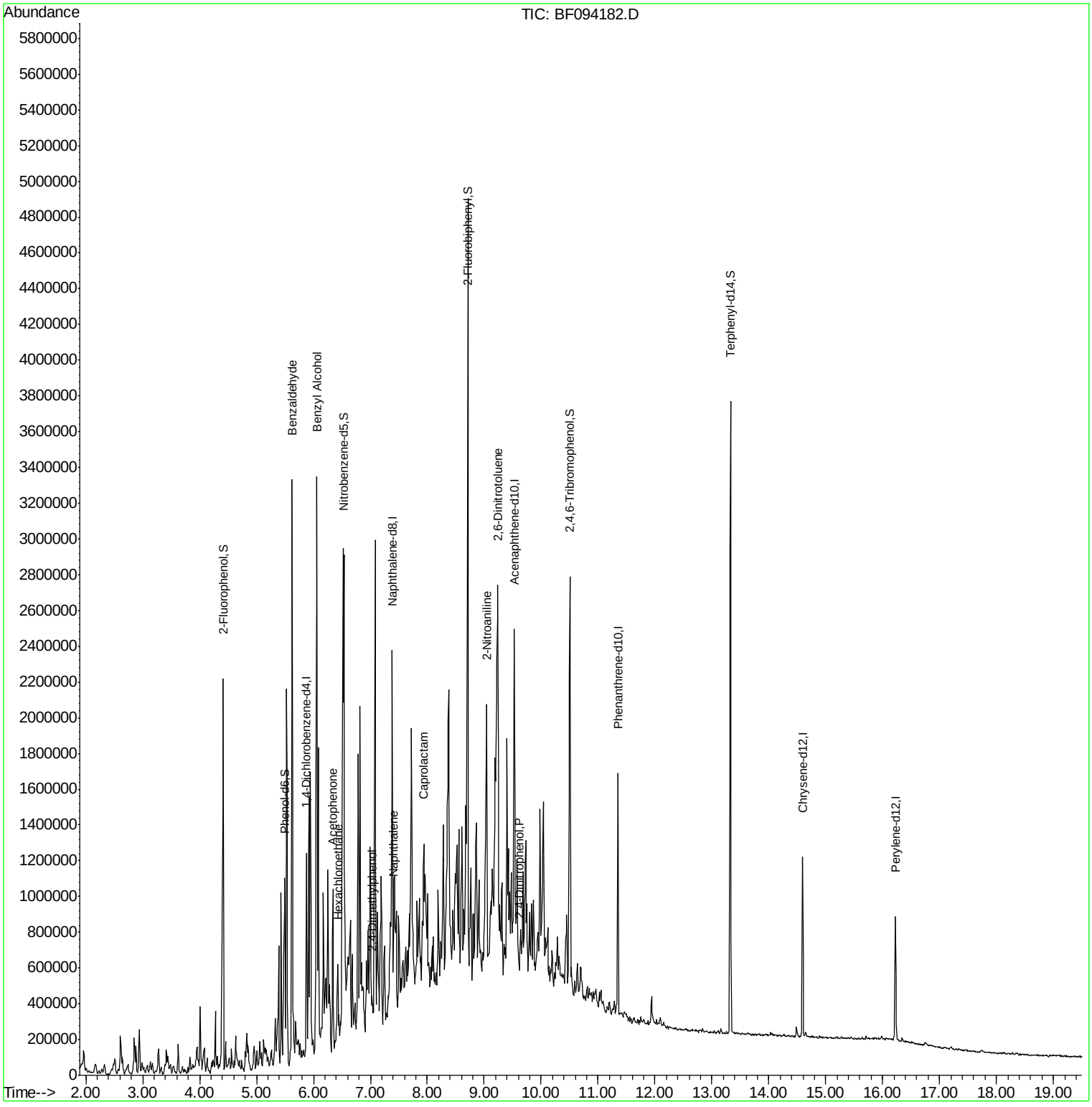
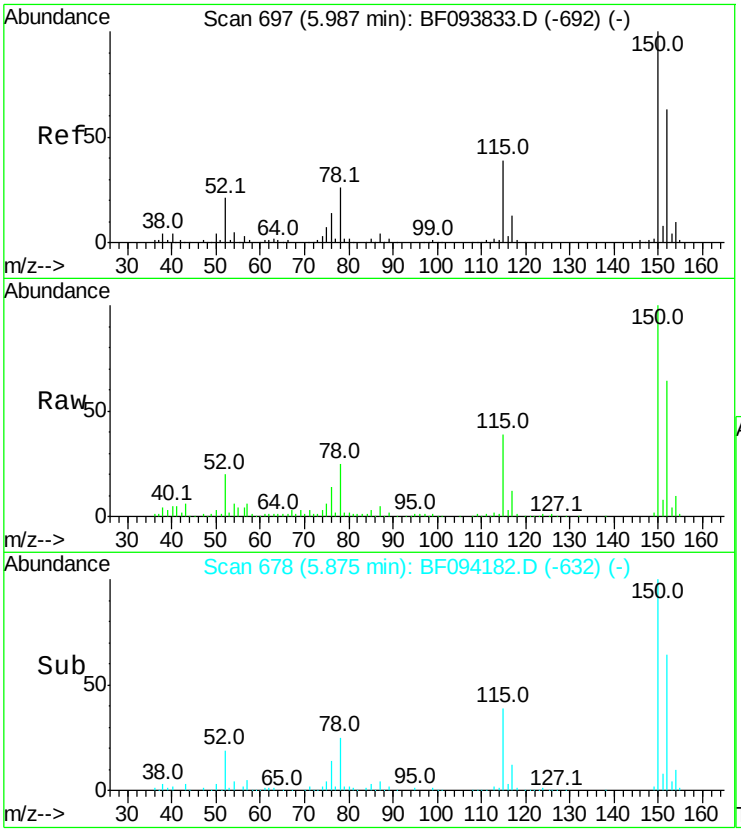


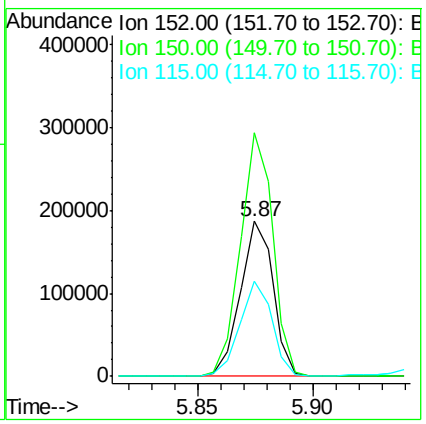


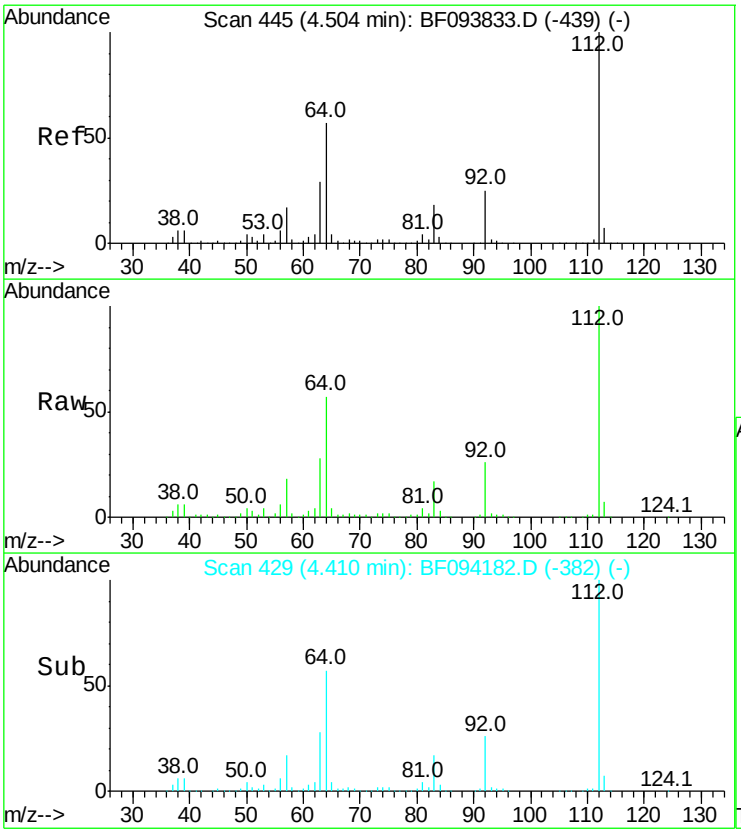
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 186038

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	61.3	52.2	78.2

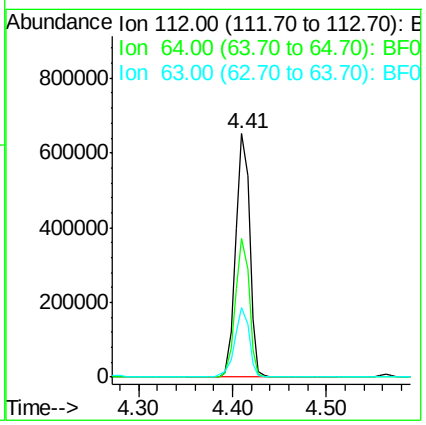


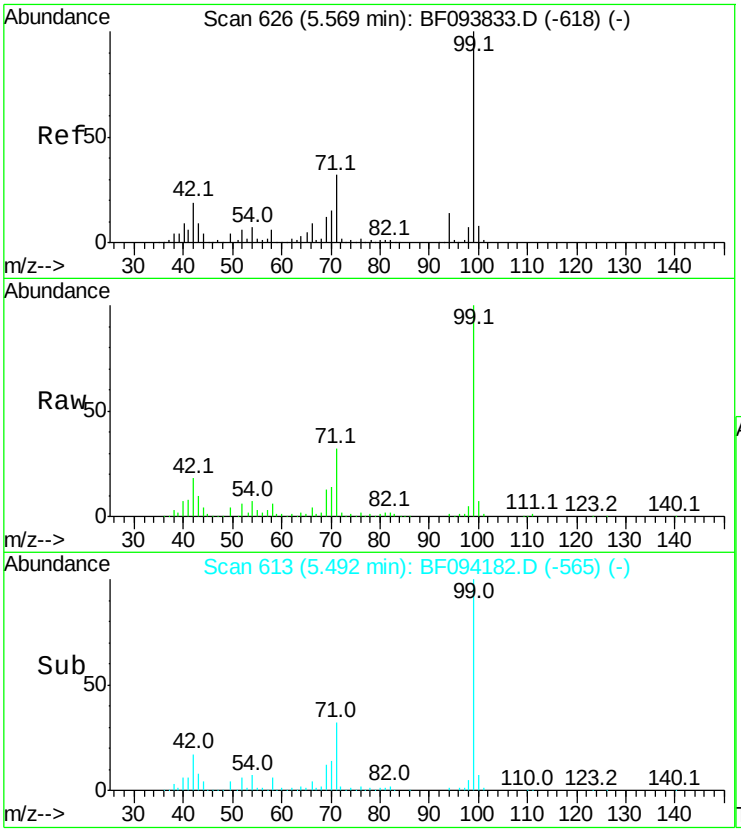


#5
2-Fluorophenol
Concen: 61.18 ng
RT: 4.41 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:112 Resp: 673912

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	28.3	23.4	35.0



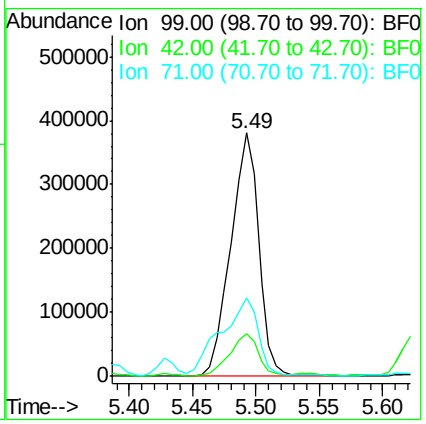


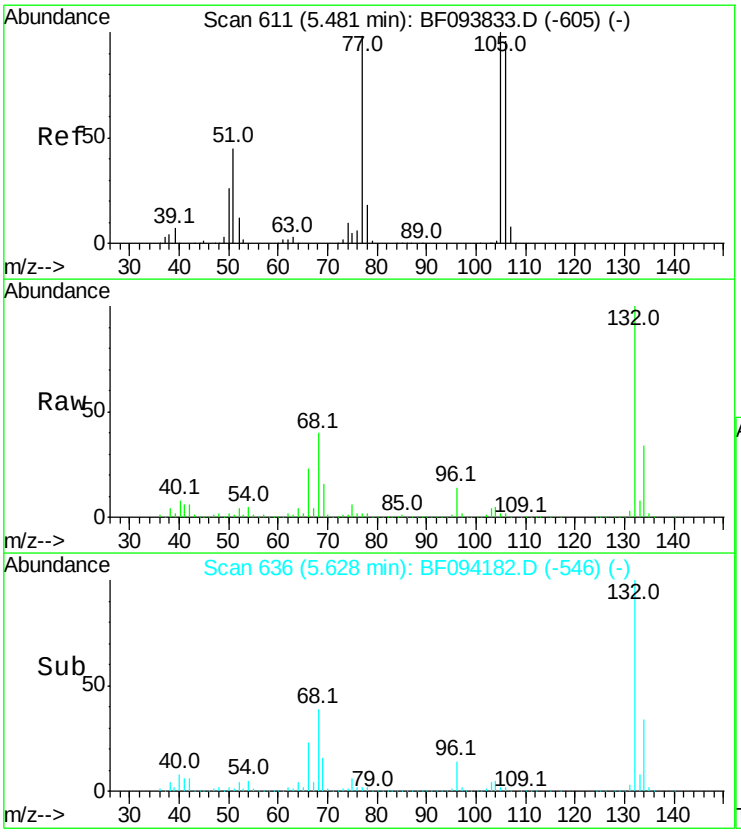
#7
Phenol-d6
Concen: 42.49 ng
RT: 5.49 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 578937

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	32.4	24.5	36.7

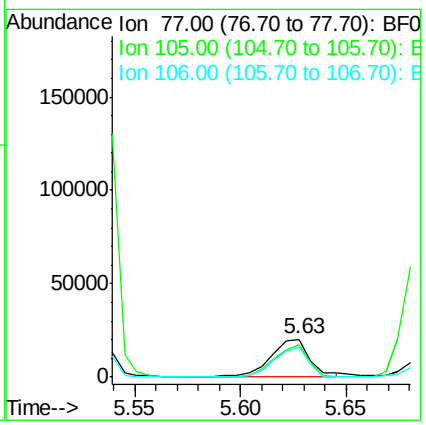


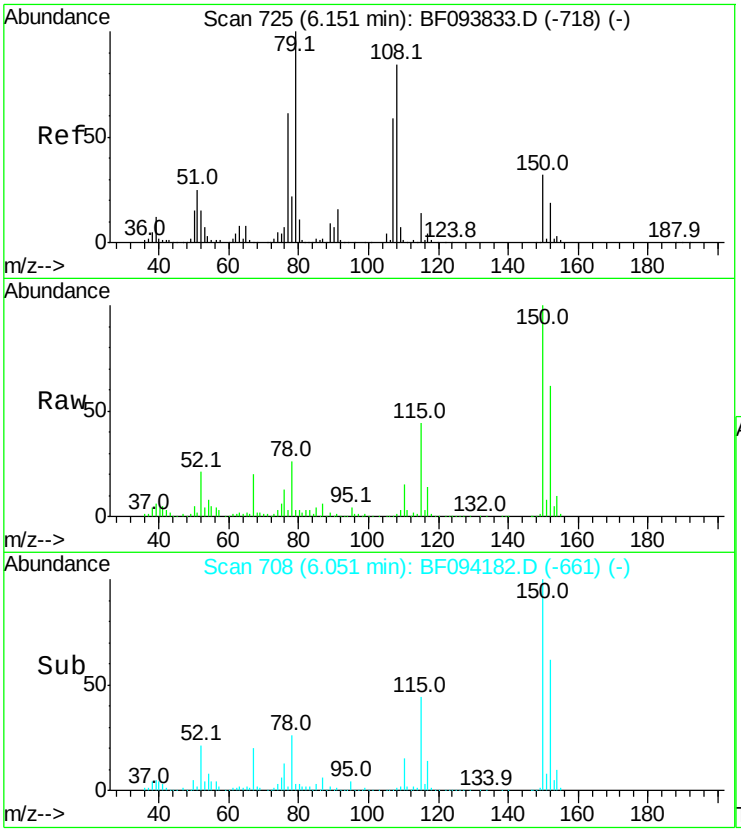


#9
Benzaldehyde
Concen: 2.73 ng
RT: 5.63 min Scan# 636
Delta R.T. 0.23 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion: 77 Resp: 25100

Ion	Ratio	Lower	Upper
77	100		
105	84.5	83.8	123.8
106	80.4	79.1	119.1



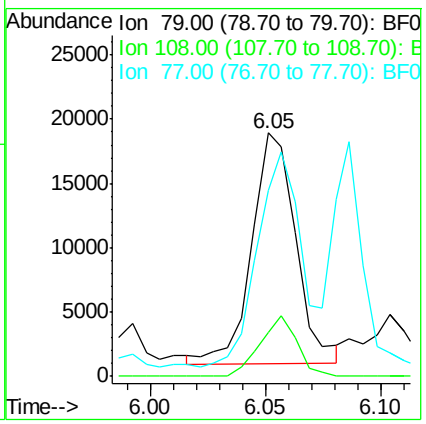


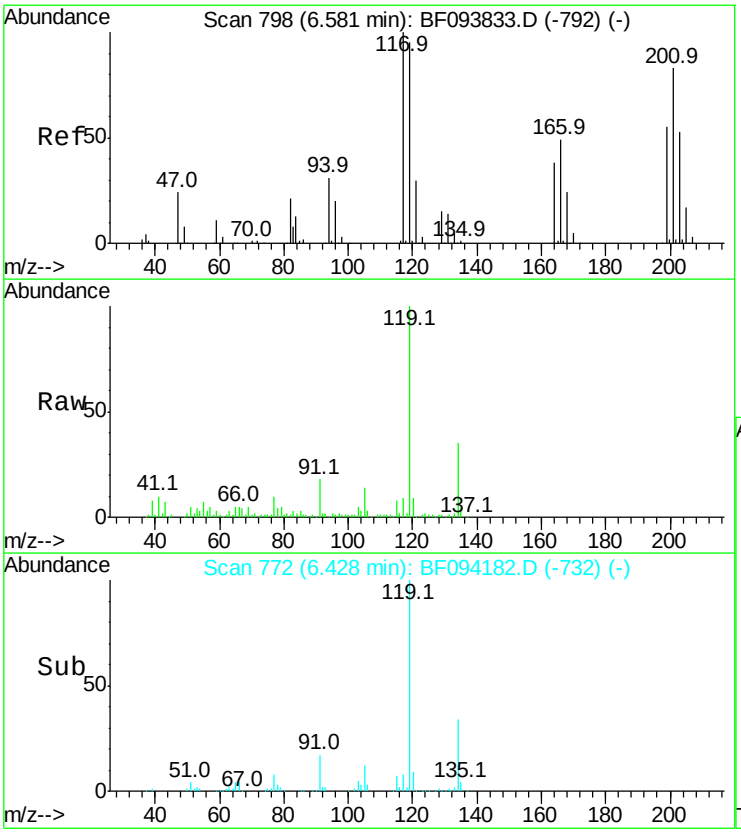
#15
Benzyl Alcohol
Concen: 2.40 ng
RT: 6.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 79 Resp: 23915

Ion	Ratio	Lower	Upper
79	100		
108	17.8	63.4	95.0#
77	76.4	49.2	73.8#

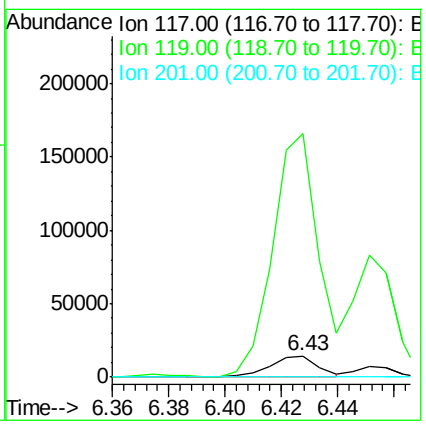


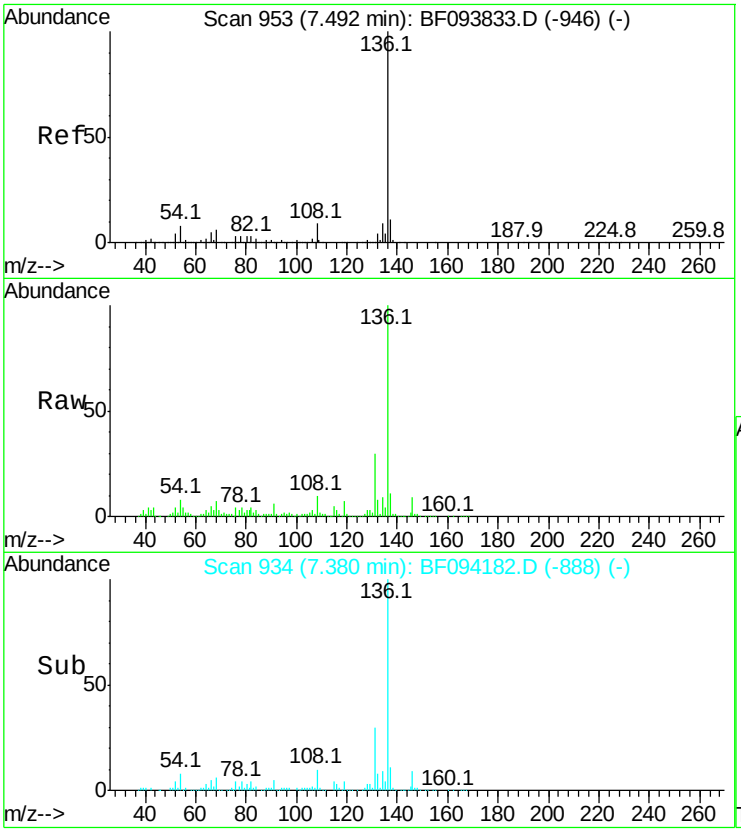


#18
Hexachloroethane
Concen: 3.58 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.06 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:117 Resp: 17286

Ion	Ratio	Lower	Upper
117	100		
119	1139.5	77.4	116.0#
201	0.0	94.6	141.8#



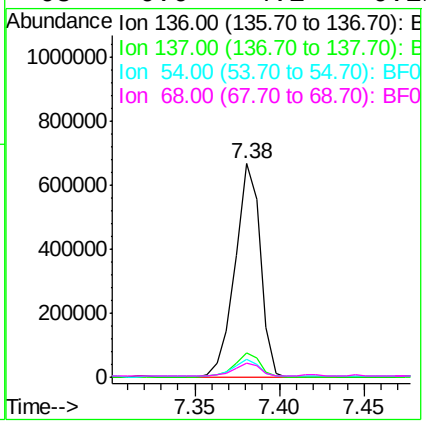


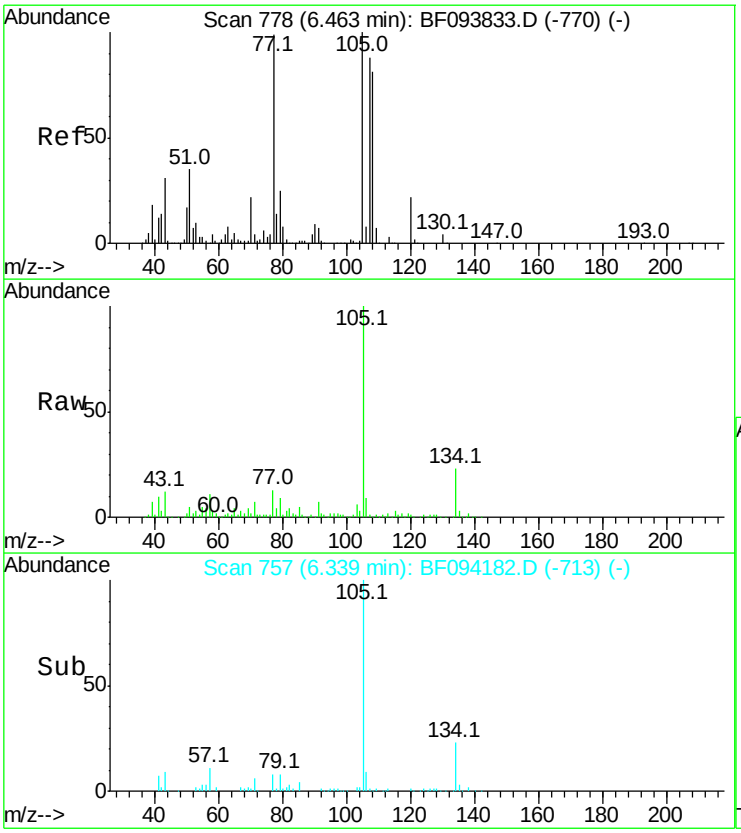
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 697201

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.3	4.9	7.3#
68	6.6	4.1	6.1#

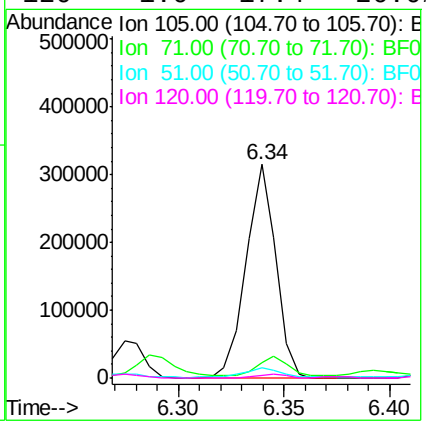


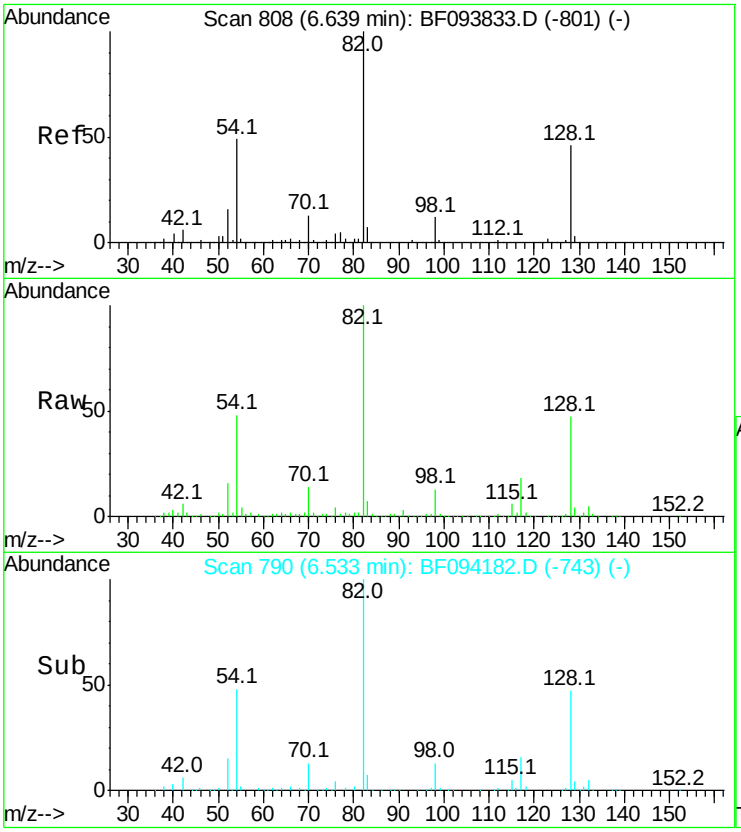


#22
Acetophenone
Concen: 19.87 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:105 Resp: 308775

Ion	Ratio	Lower	Upper
105	100		
71	7.1	2.8	4.2#
51	4.7	30.7	46.1#
120	1.0	17.4	26.0#



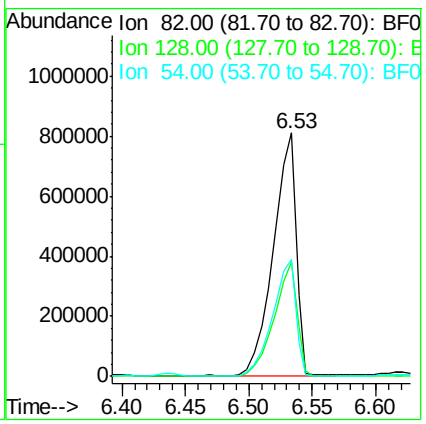


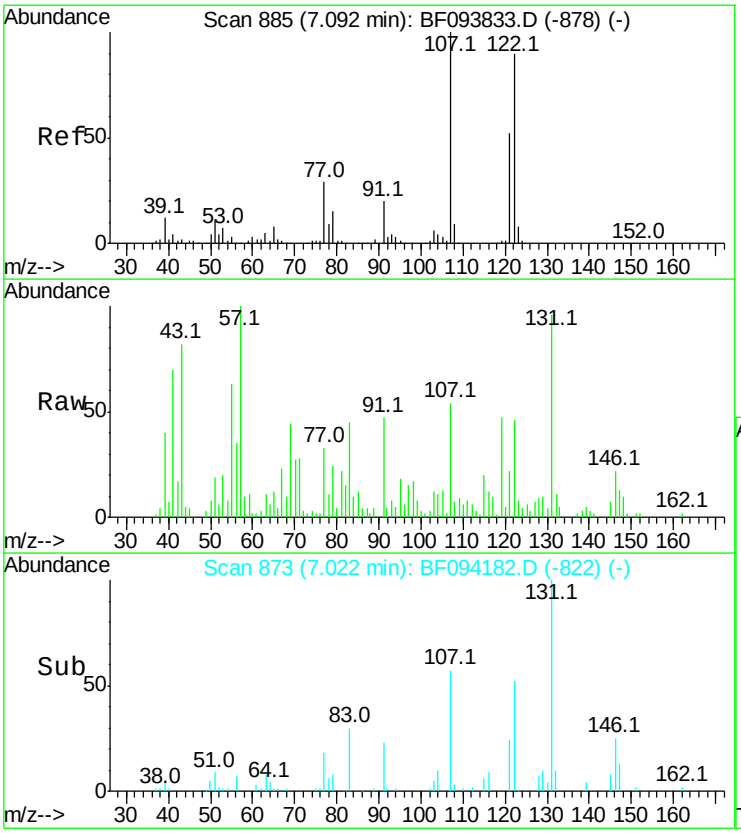
#23
Nitrobenzene-d5
Concen: 82.56 ng
RT: 6.53 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 1008670

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	48.0	42.2	63.2

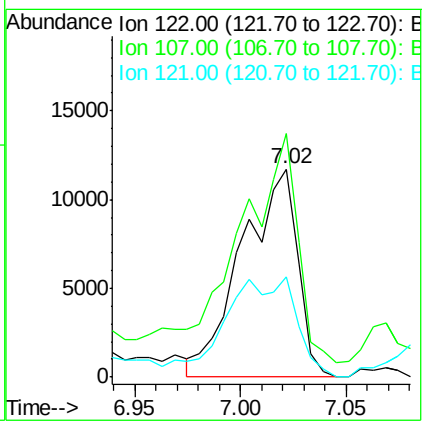


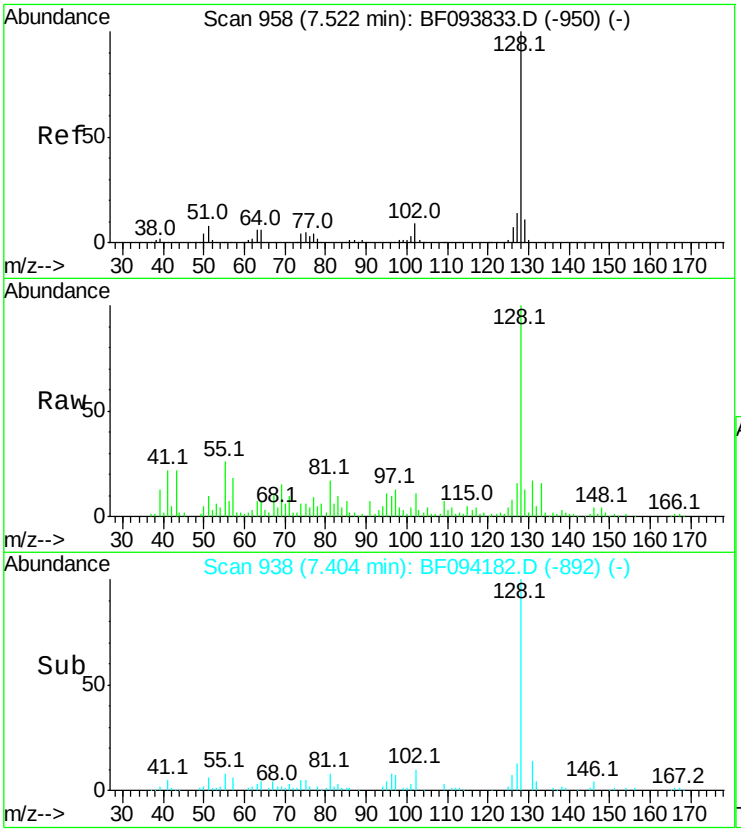


#27
2,4-Dimethylphenol
Concen: 2.16 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:122 Resp: 21410

Ion	Ratio	Lower	Upper
122	100		
107	117.1	89.2	133.8
121	48.2	45.2	67.8



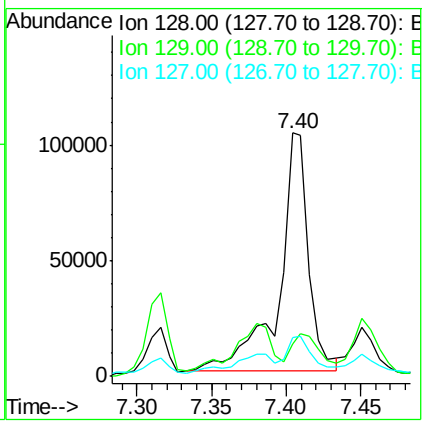


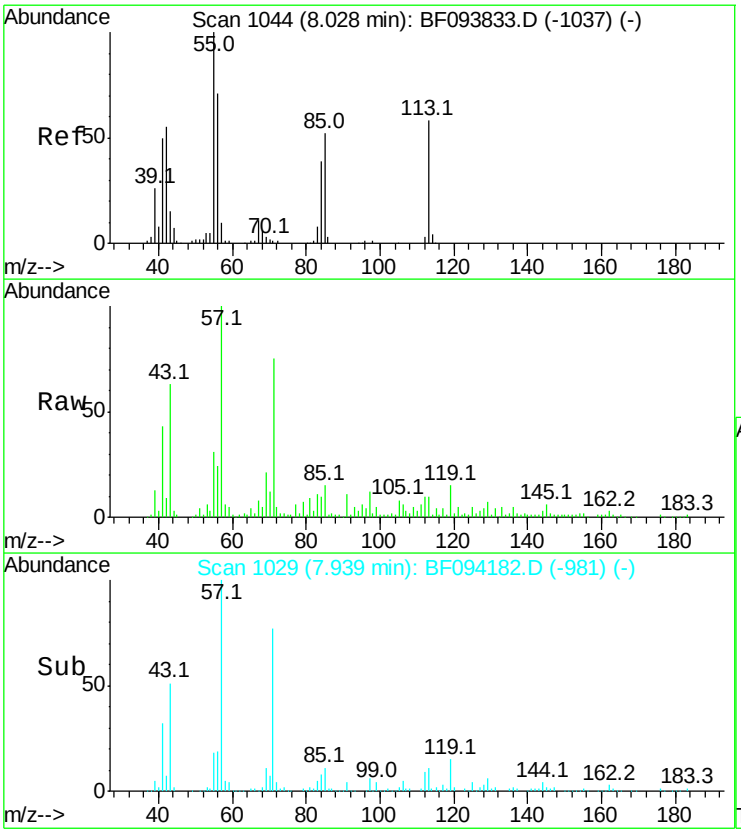
#31
Naphthalene
Concen: 4.34 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 145388

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.0	13.6
127	15.9	10.8	16.2

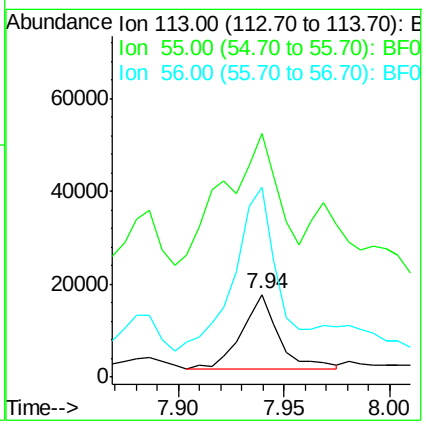


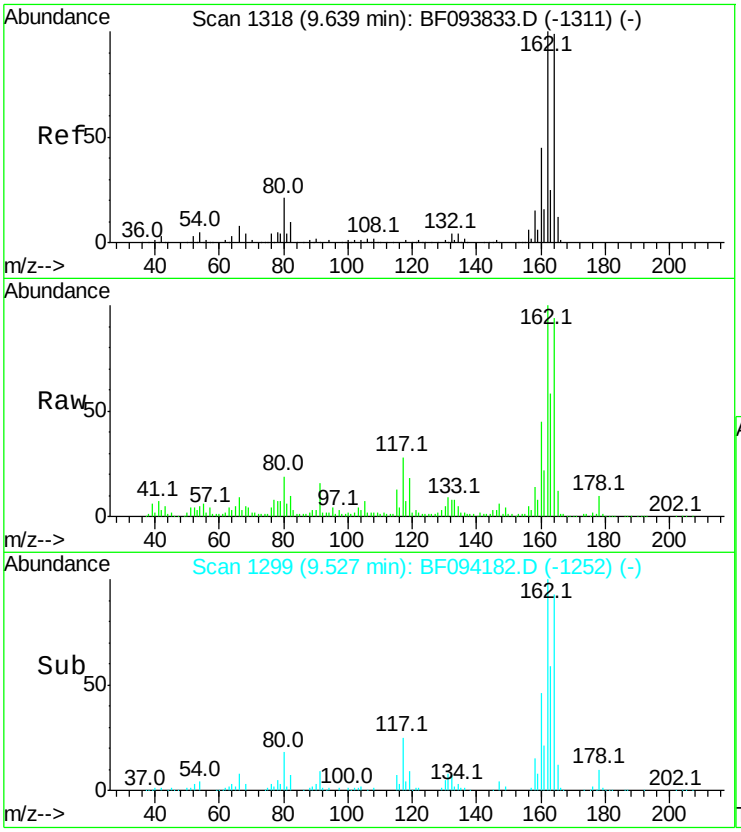


#35
Caprolactam
Concen: 6.65 ng
RT: 7.94 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:113 Resp: 19632

Ion	Ratio	Lower	Upper
113	100		
55	293.7	150.2	190.2#
56	228.8	107.8	147.8#



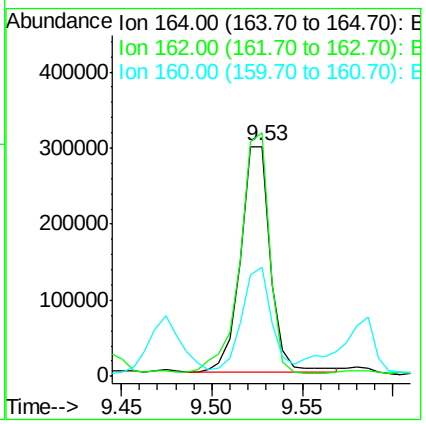


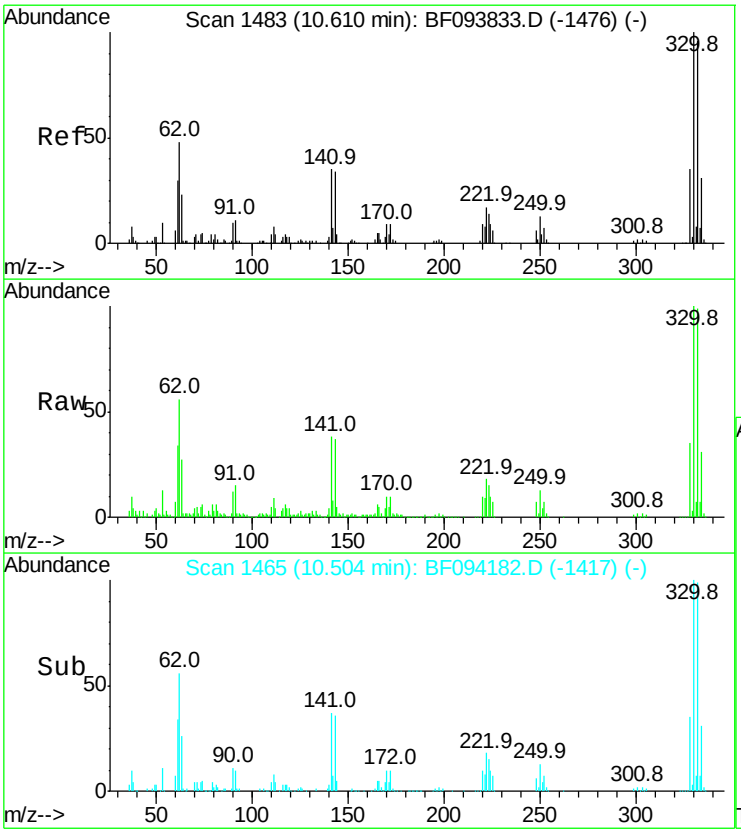
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 340990

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	47.6	36.2	54.2

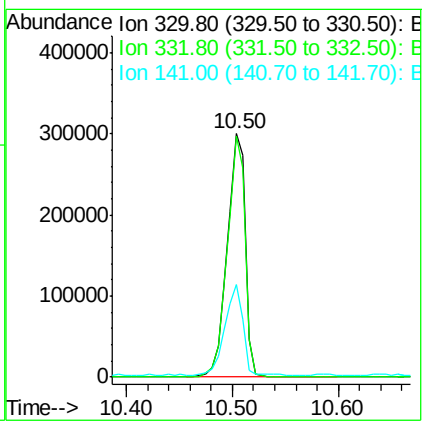


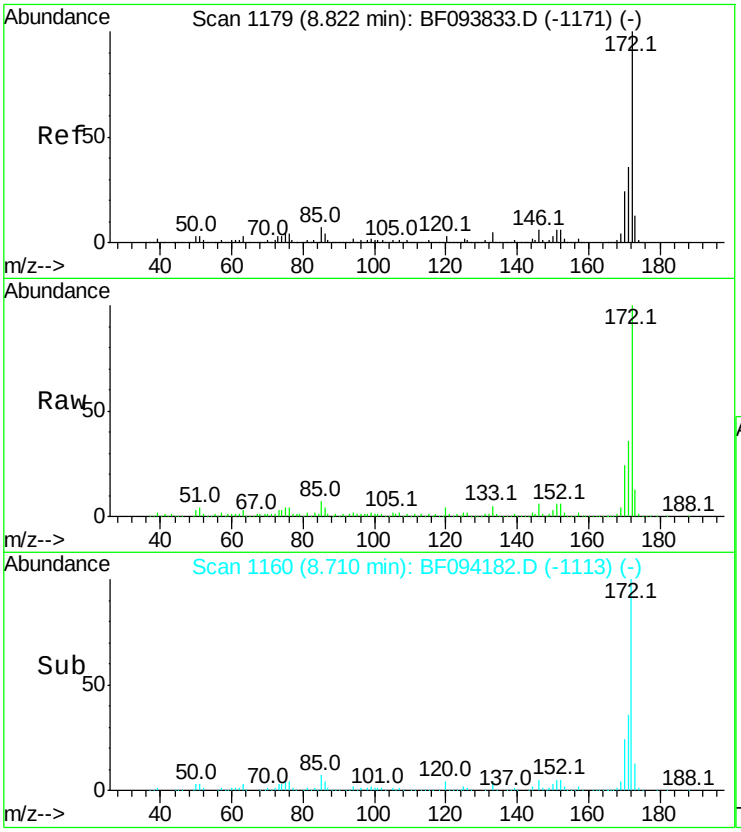


#41
2,4,6-Tribromophenol
Concen: 130.92 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:330 Resp: 352773

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	37.7	31.4	47.2



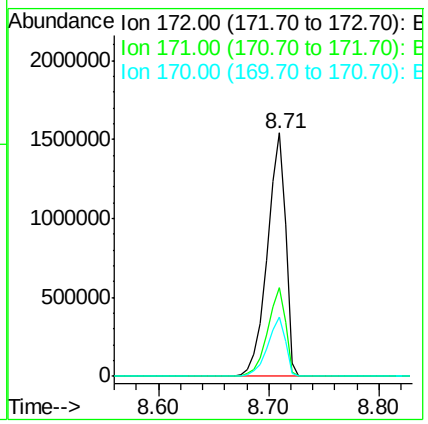


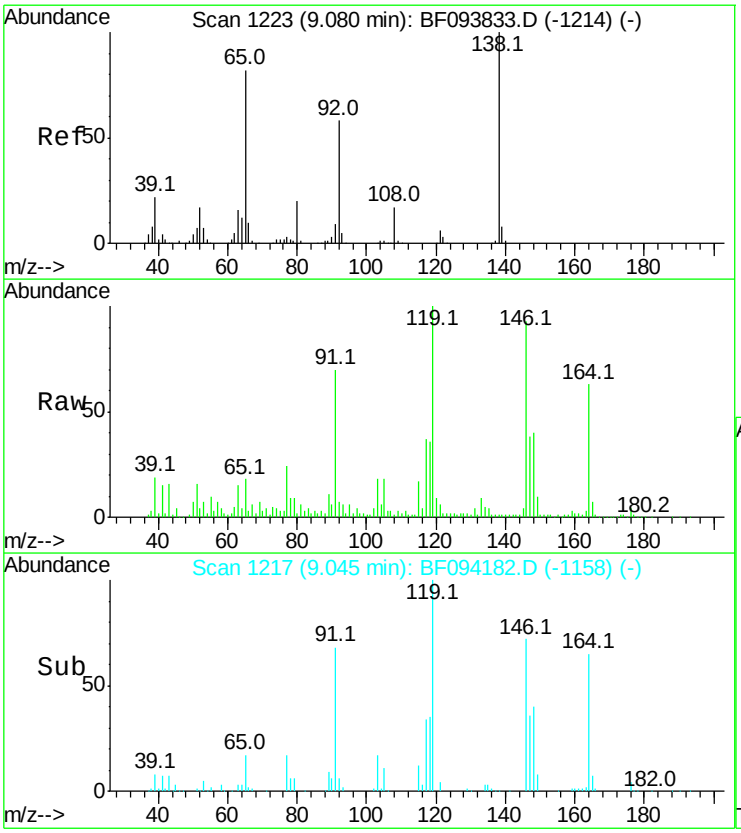
#44
2-Fluorobiphenyl
Concen: 80.31 ng
RT: 8.71 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 1795491

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8

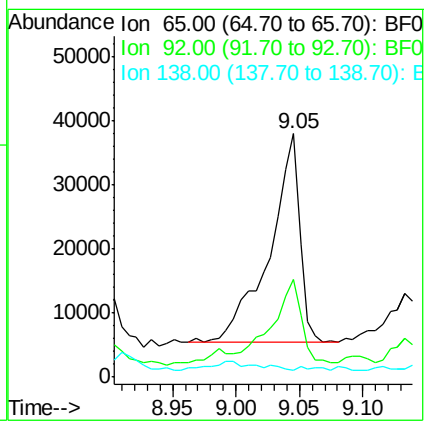


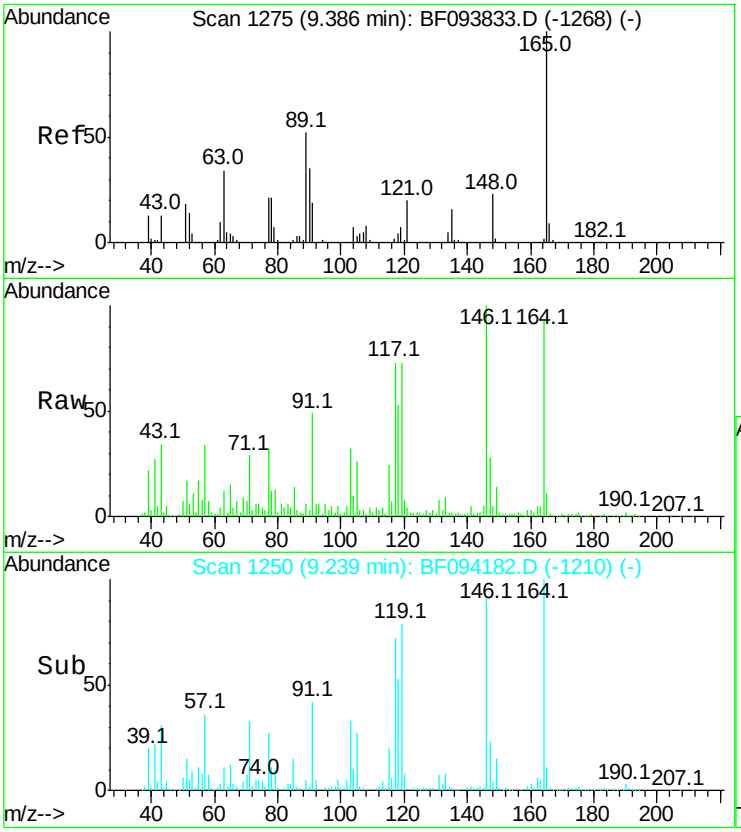


#47
2-Nitroaniline
Concen: 8.54 ng
RT: 9.05 min Scan# 1217
Delta R.T. 0.05 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion: 65 Resp: 54523

Ion	Ratio	Lower	Upper
65	100		
92	40.0	53.9	80.9#
138	2.8	78.8	118.2#



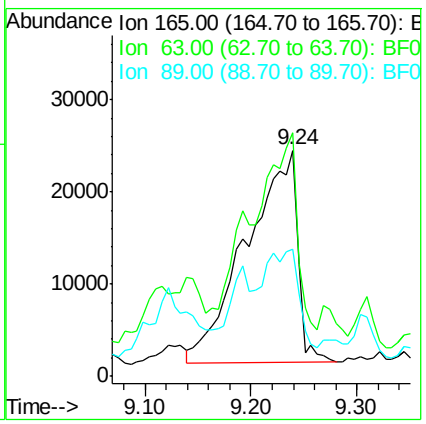


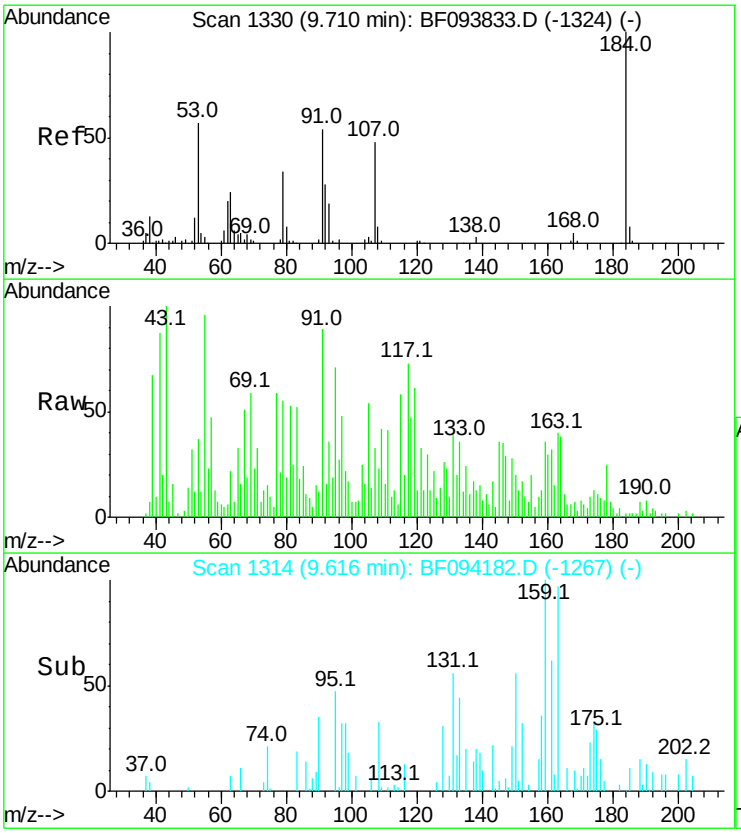
#50
2,6-Dinitrotoluene
Concen: 13.83 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.06 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:165 Resp: 76853

Ion	Ratio	Lower	Upper
165	100		
63	107.8	34.3	51.5#
89	56.4	37.1	55.7#

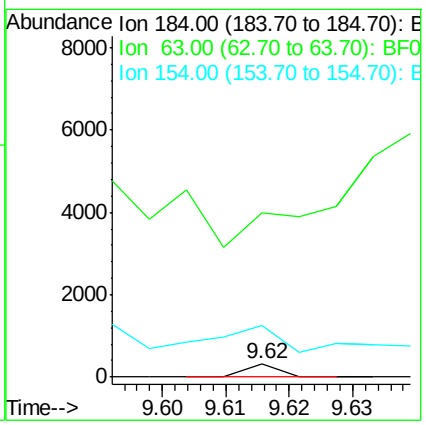


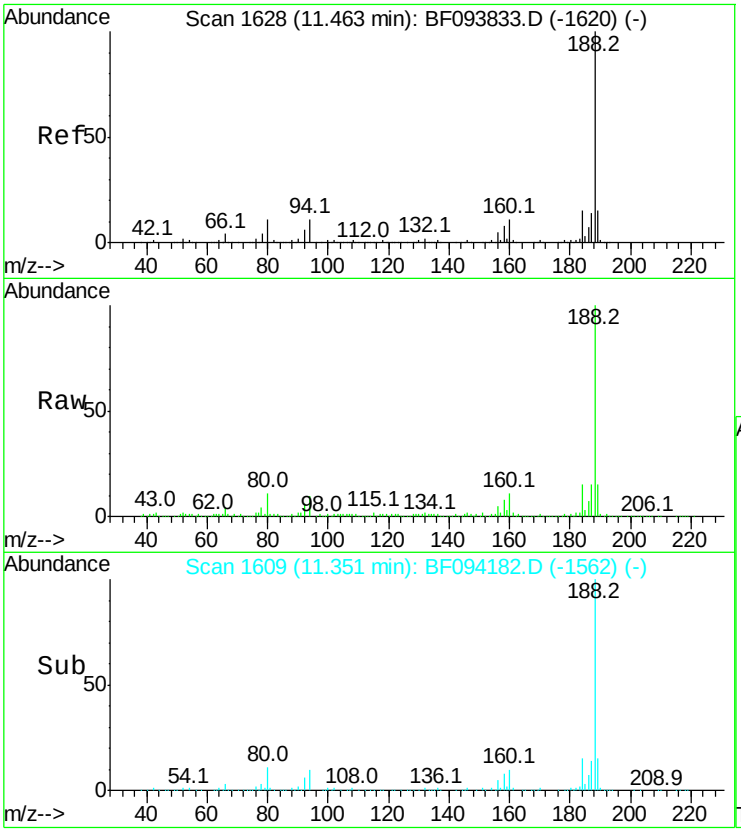


#53
2,4-Dinitrophenol
Concen: 4.70 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:184 Resp: 118

Ion	Ratio	Lower	Upper
184	100		
63	1192.2	62.7	94.1#
154	377.2	81.1	121.7#



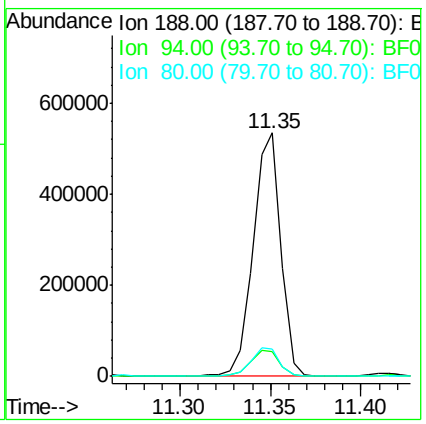


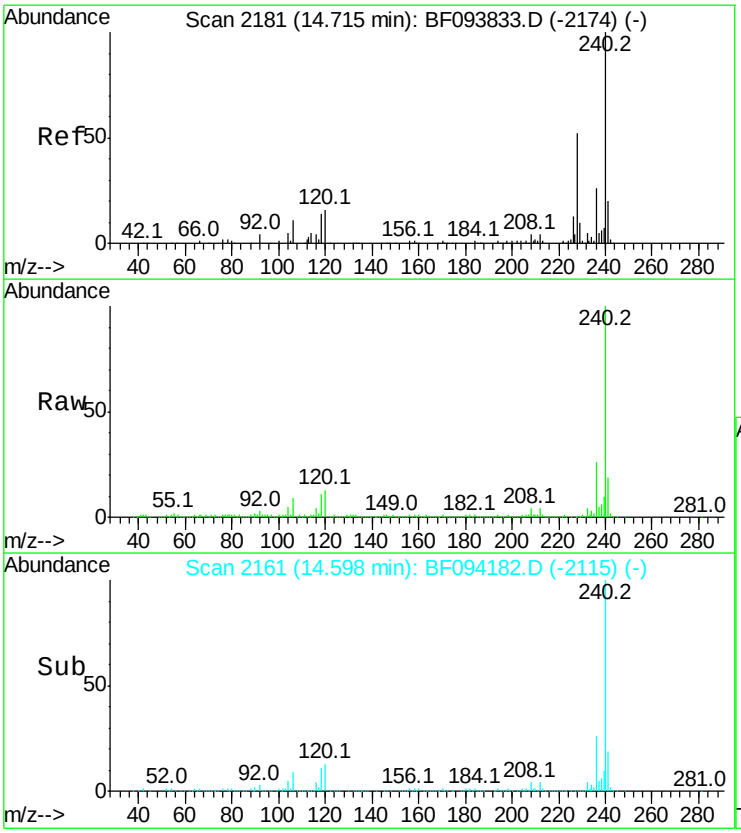
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 560899

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.2	10.2	15.2

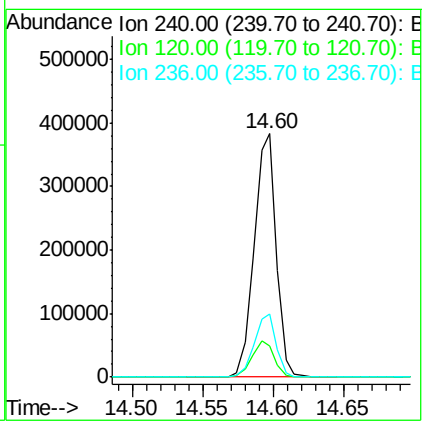


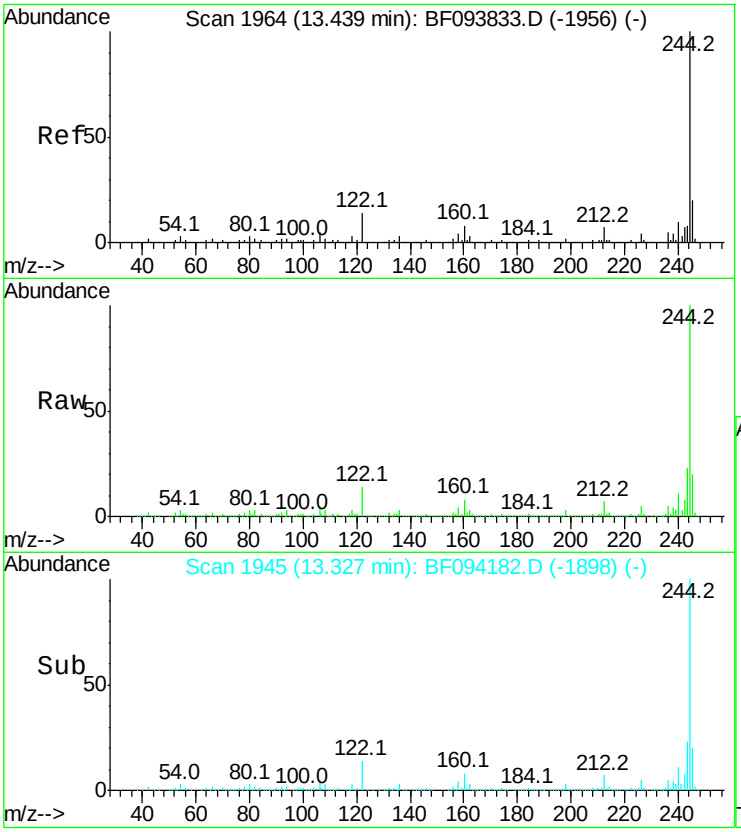


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:240 Resp: 422527

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.1	20.5	30.7



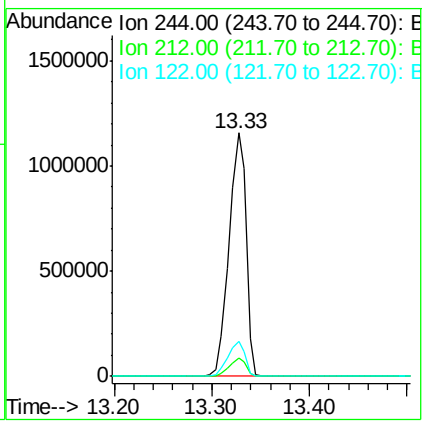


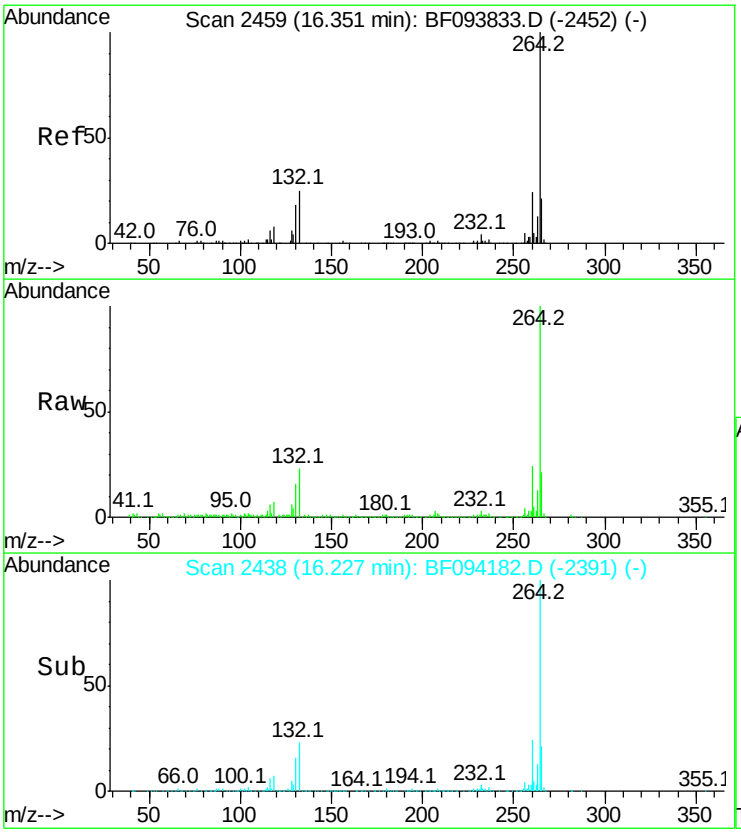
#78
Terphenyl-d14
Concen: 74.63 ng
RT: 13.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 1406865

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:264 Resp: 289606

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	17.2	25.8