Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093745.D
Acq On : 18 Mar 2017 11:16
Operator : SJ/MA
Sample : I2263-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101D

Quant Time: Mar 20 01:06:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	203546	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	761110	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	354906	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	681581	20.00	ng		0.00
75) Chrysene-d12	13.99	240	592291	20.00	ng		-0.01
86) Perylene-d12	15.40	264	468905	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	743231	60.88	ng		0.00
7) Phenol-d6	6.47	99	644902	42.62	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1119682	88.29	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	383883	165.27	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	2059054	109.48	ng		0.00
78) Terphenyl-d14	12.95	244	1631785	59.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	98236	15.58	ng		99
9) Benzaldehyde	6.47	77	1191	Below Cal		#	1
15) Benzyl Alcohol	7.01	79	32256	2.85	ng	#	41
19) n-Nitroso-di-n-propylamine	7.41	70	150950	15.02	ng	#	81
25) Isophorone	7.41	82	1094086	44.82	ng	#	67
27) 2,4-Dimethylphenol	7.84	122	37777	3.18	ng	#	5
32) Benzoic acid	7.84	122	37777	8.59	ng		97
50) 2,6-Dinitrotoluene	9.88	165	45645	9.12	ng	#	34
56) 2,4-Dinitrotoluene	9.88	165	45648	6.85	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	639	4.09	ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	24447	3.79	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093745.D
Acq On : 18 Mar 2017 11:16
Operator : SJ/MA
Sample : I2263-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101D

Quant Time: Mar 20 01:06:00 2017
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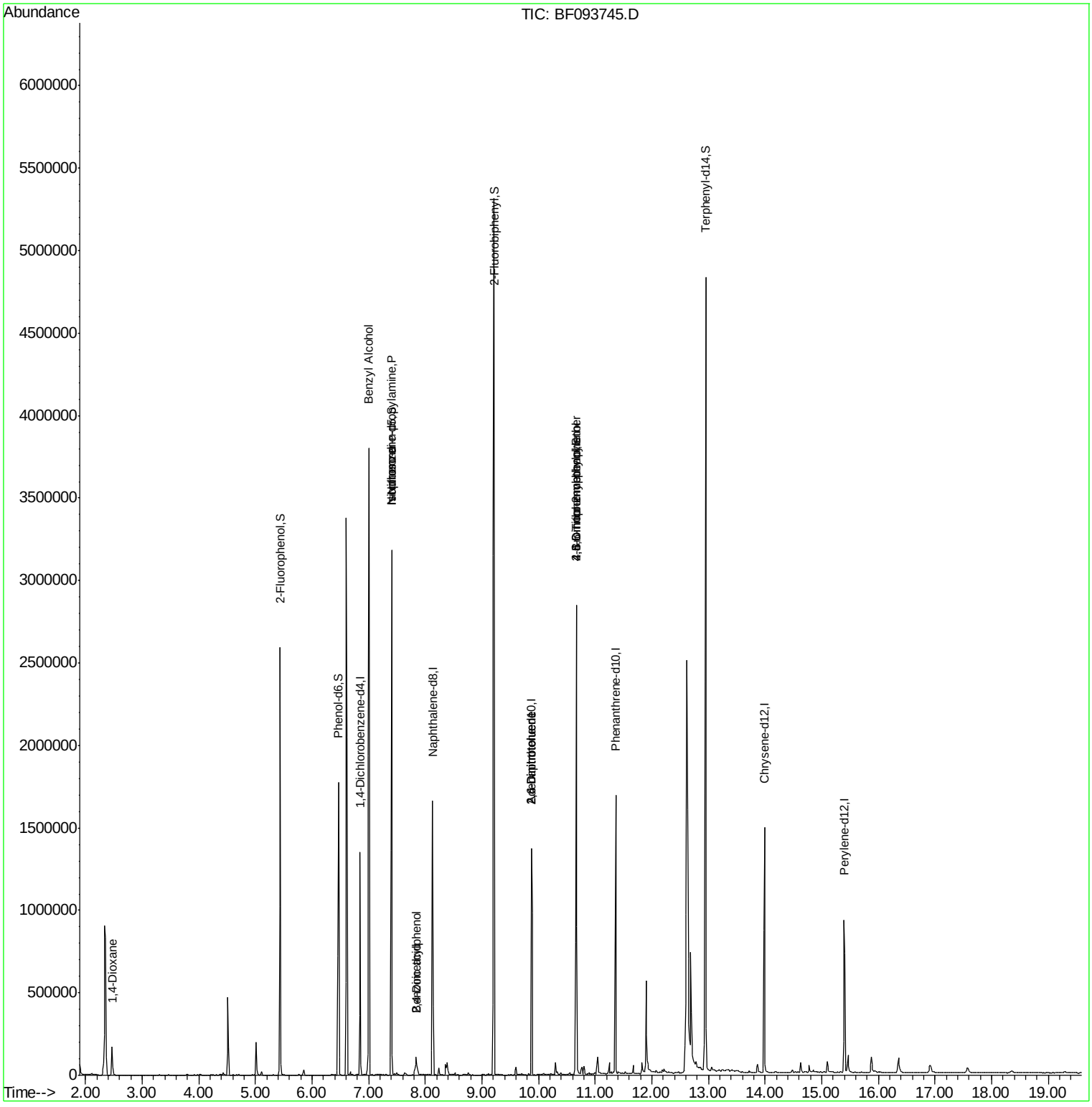
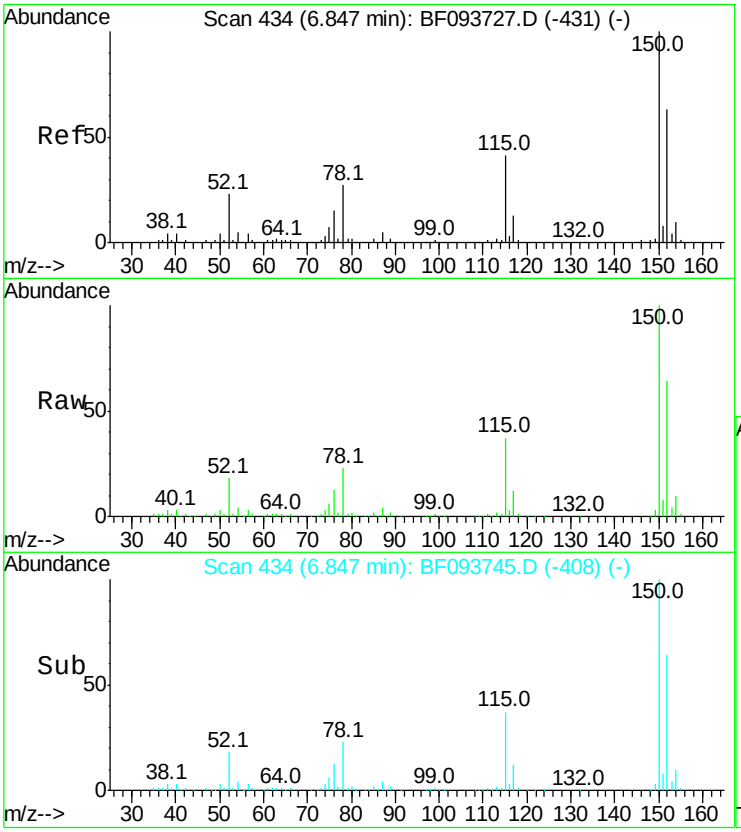
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration



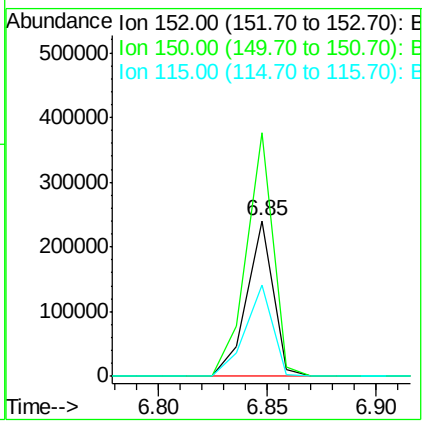


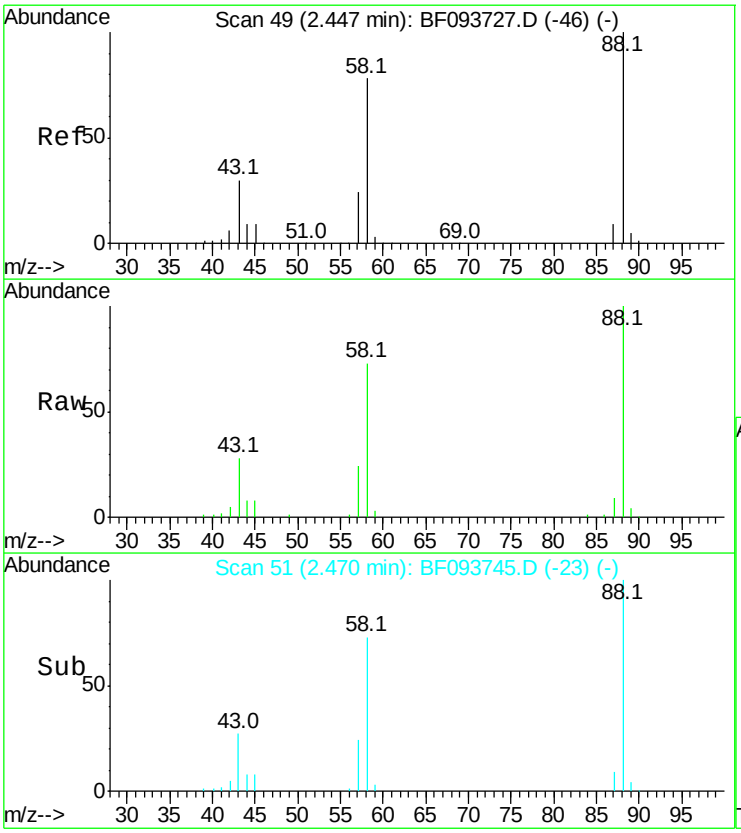
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:152 Resp: 203546

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	58.6	52.2	78.2

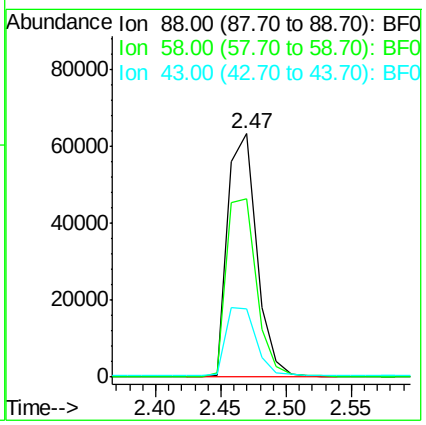


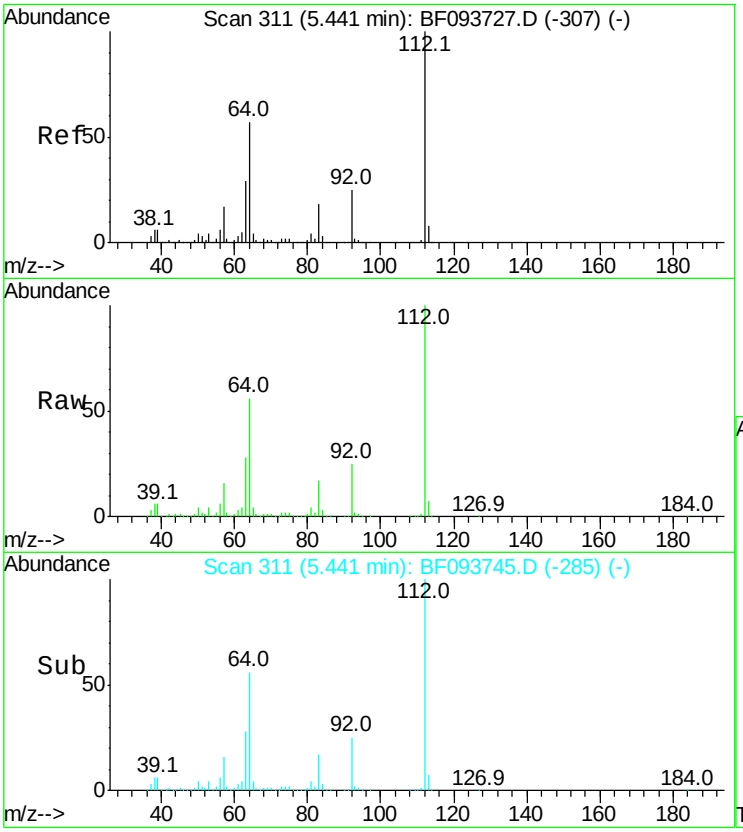


#2
1,4-Dioxane
Concen: 15.58 ng
RT: 2.47 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion: 88 Resp: 98236

Ion	Ratio	Lower	Upper
88	100		
58	76.6	61.4	92.0
43	30.0	23.4	35.0



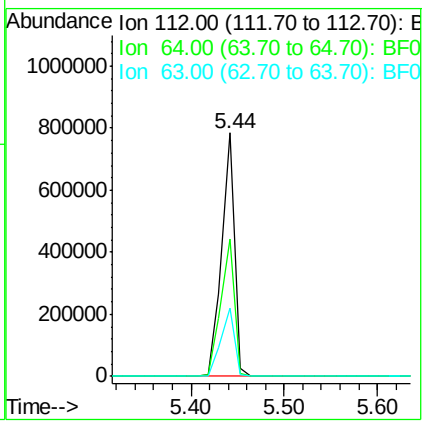


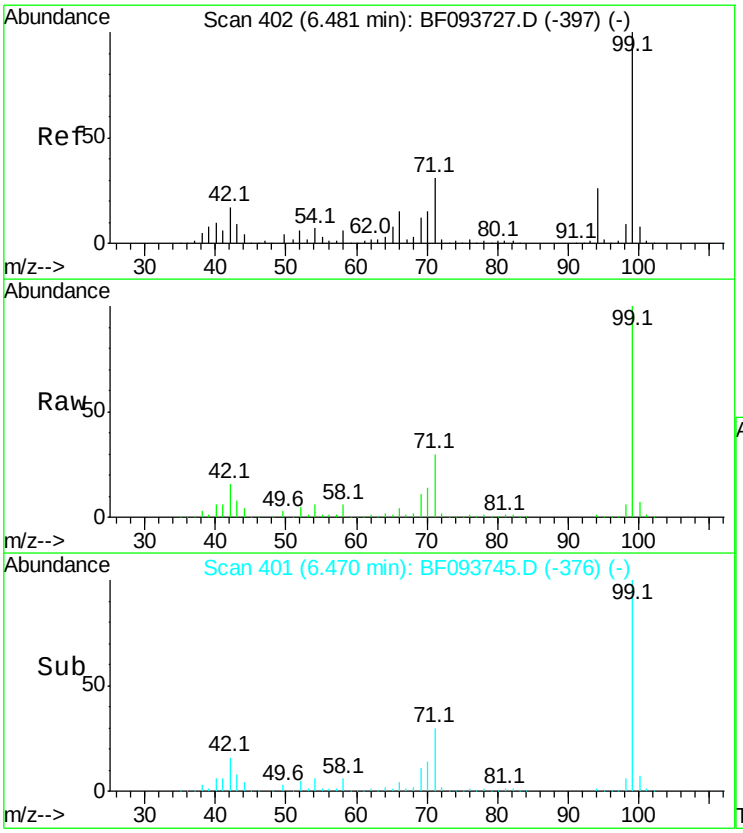
#5
2-Fluorophenol
Concen: 60.88 ng
RT: 5.44 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:112 Resp: 743231

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	28.1	23.4	35.0

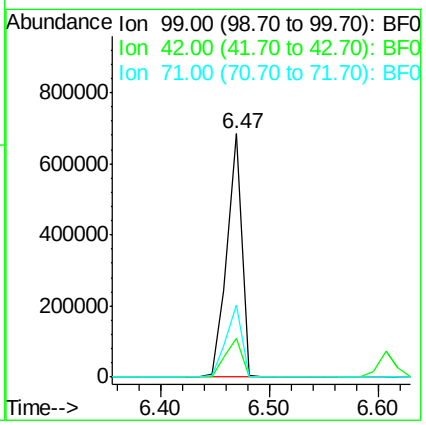


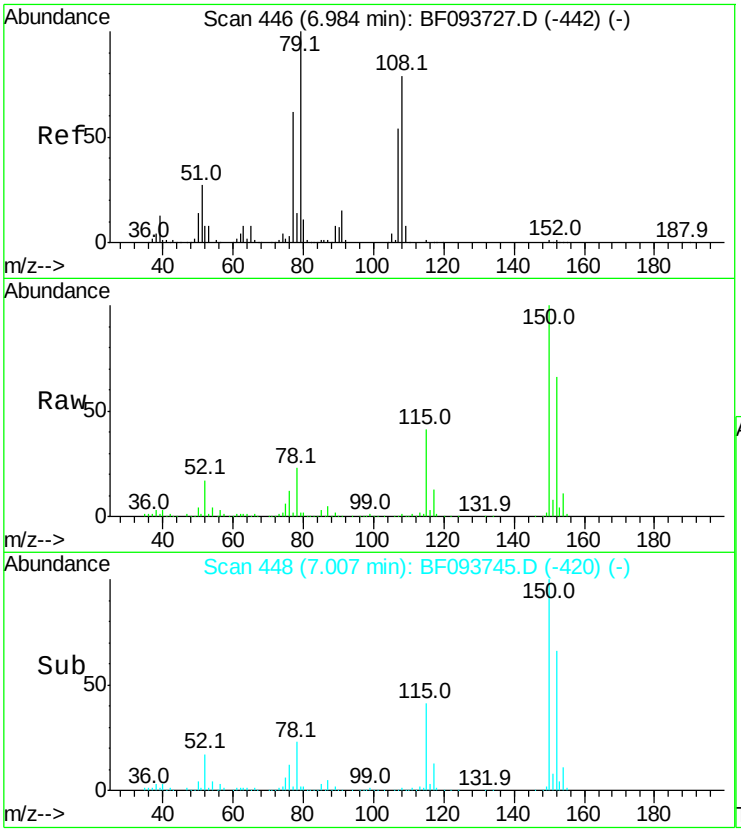


#7
Phenol-d6
Concen: 42.62 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion: 99 Resp: 644902

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	29.8	24.5	36.7



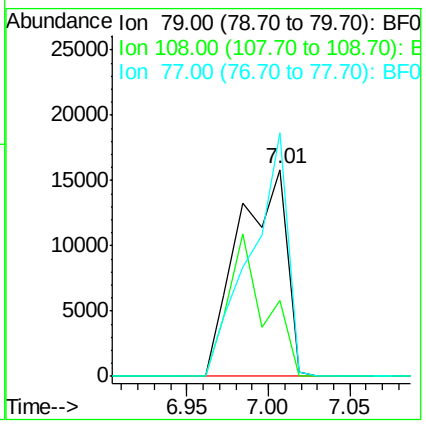


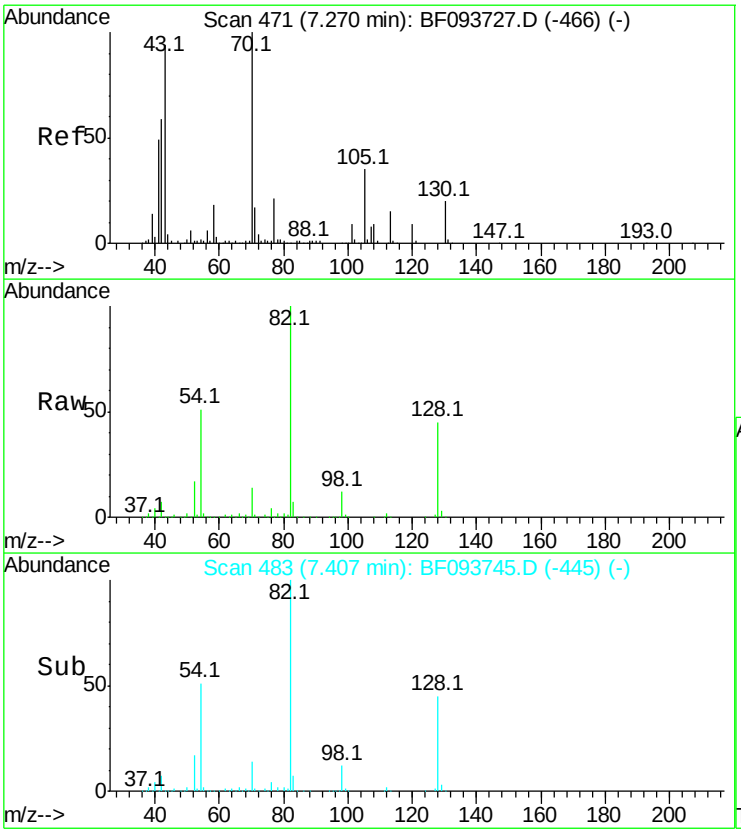
#15
Benzyl Alcohol
Concen: 2.85 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion: 79 Resp: 32256

Ion	Ratio	Lower	Upper
79	100		
108	37.0	63.4	95.0#
77	117.7	49.2	73.8#

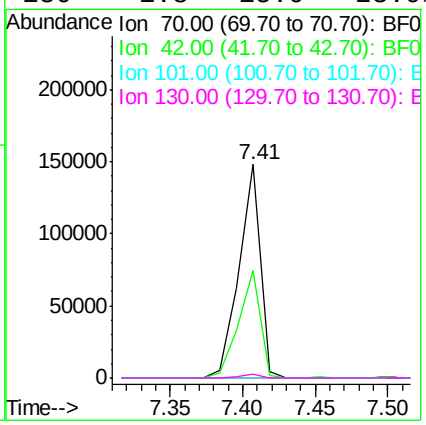


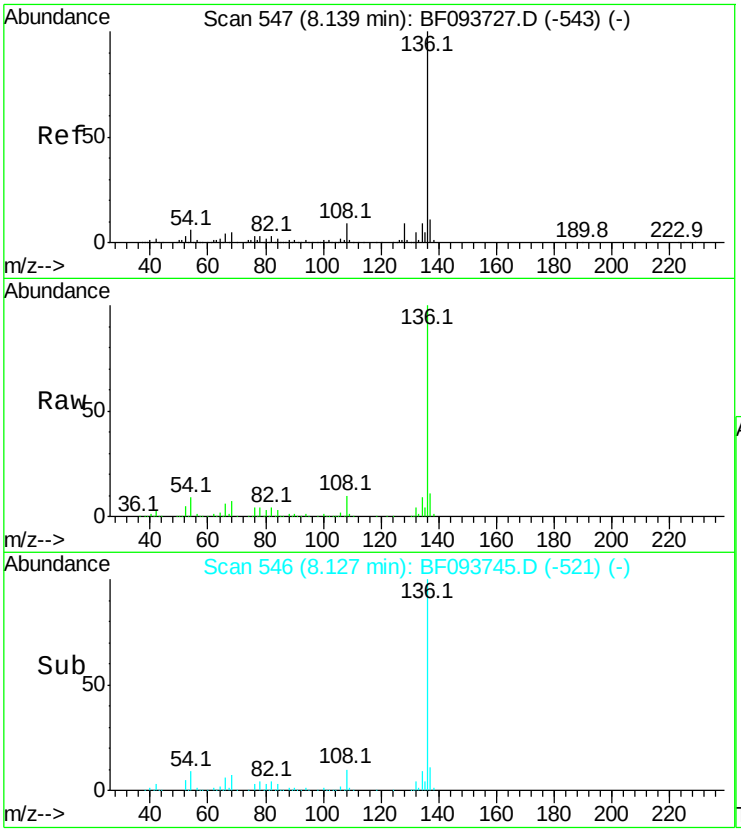


#19
n-Nitroso-di-n-propylamine
Concen: 15.02 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.14 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion: 70 Resp: 150950

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



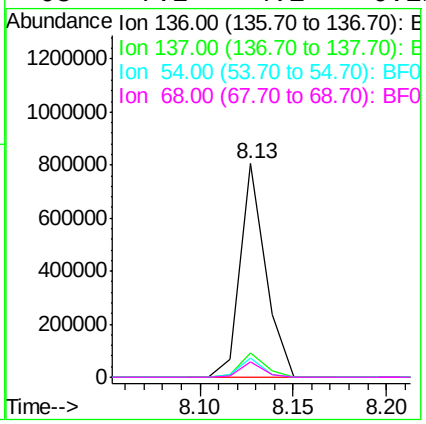


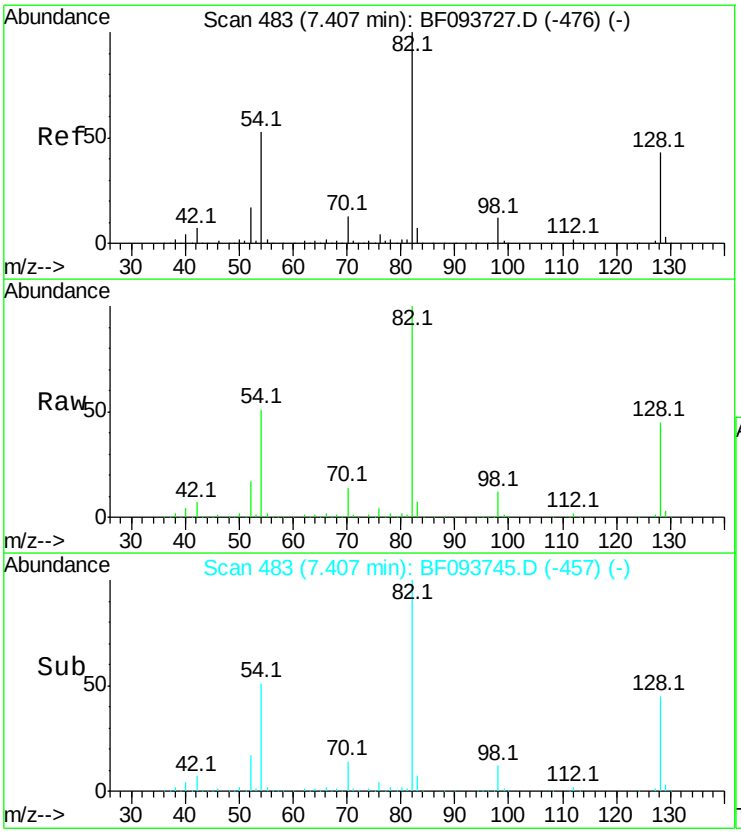
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:136 Resp: 761110

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.2	4.9	7.3#
68	7.2	4.1	6.1#

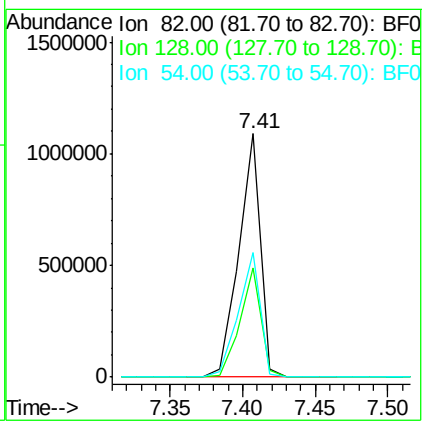


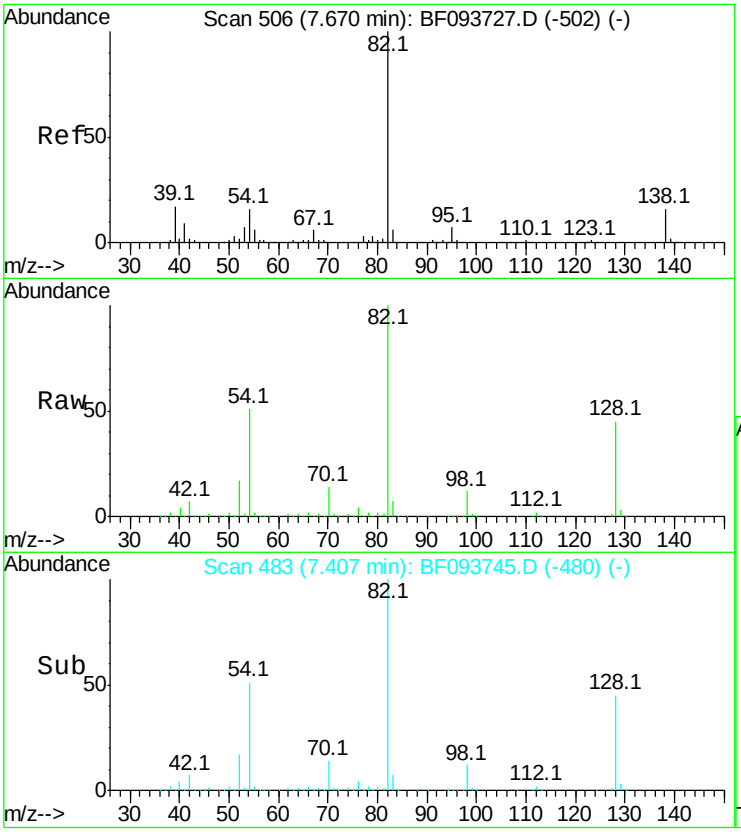


#23
Nitrobenzene-d5
Concen: 88.29 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion: 82 Resp: 1119682

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	51.4	42.2	63.2



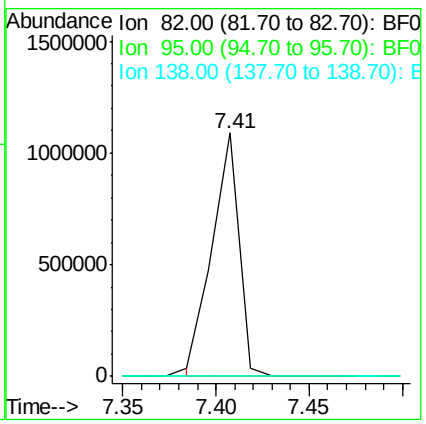


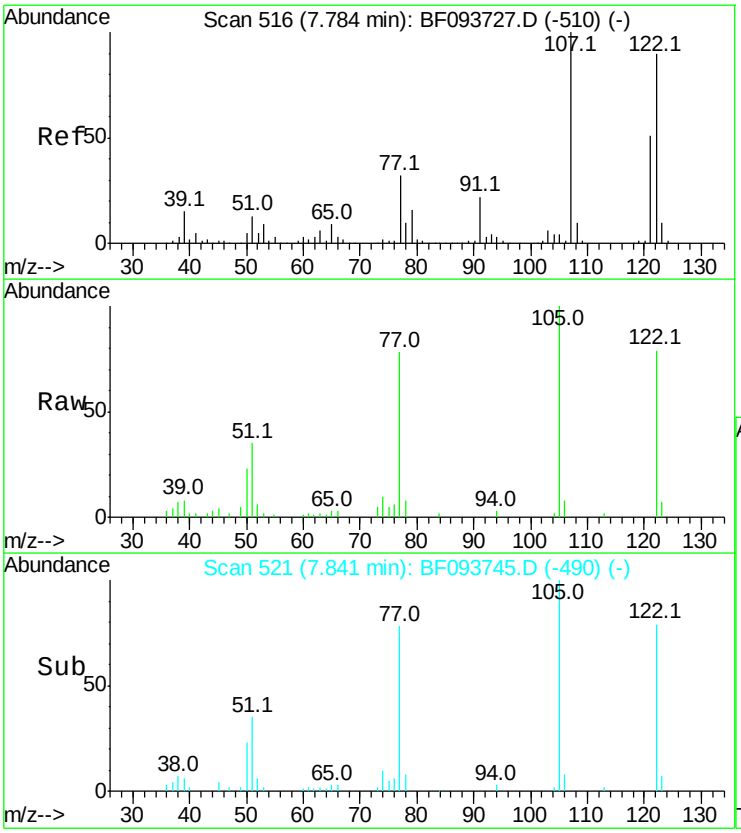
#25
Isophorone
Concen: 44.82 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.26 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion: 82 Resp: 1094086

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

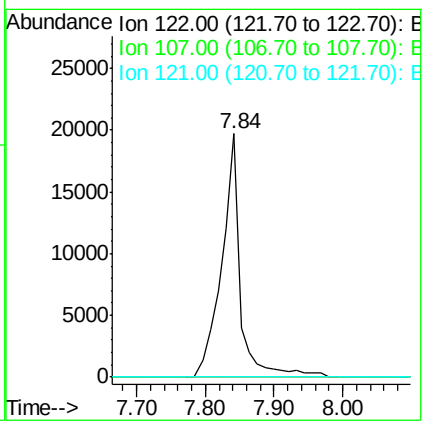


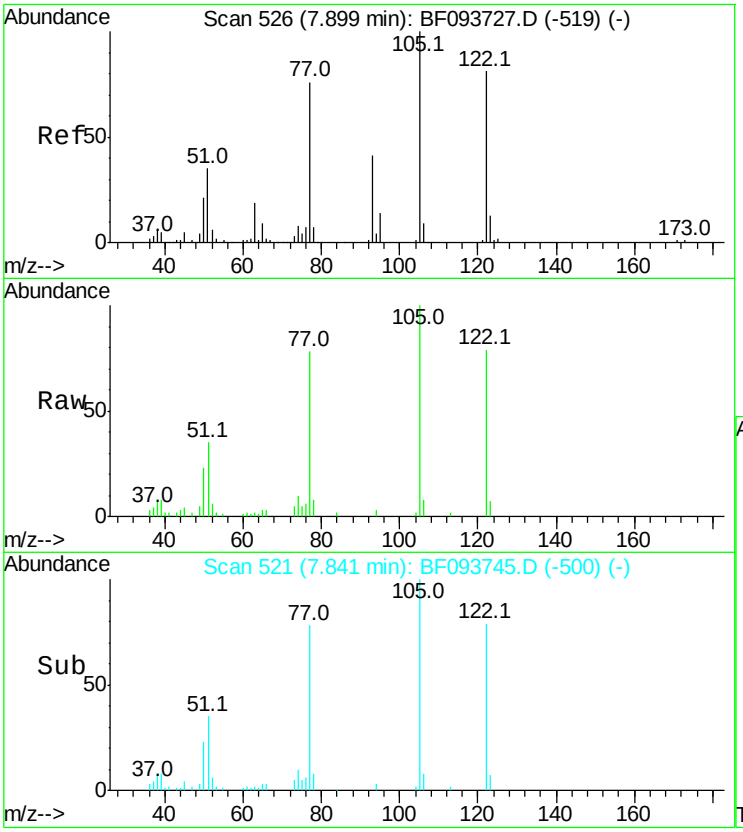


#27
2,4-Dimethylphenol
Concen: 3.18 ng
RT: 7.84 min Scan# 521
Delta R.T. 0.06 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:122 Resp: 37777

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.2	133.8#
121	0.0	45.2	67.8#



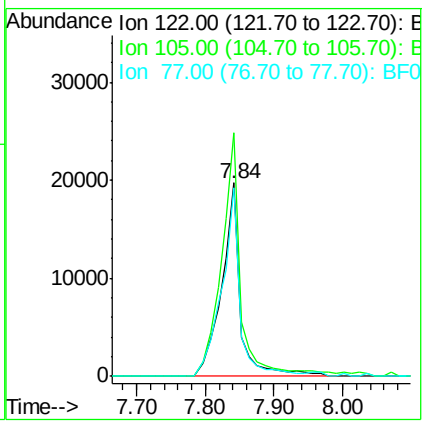


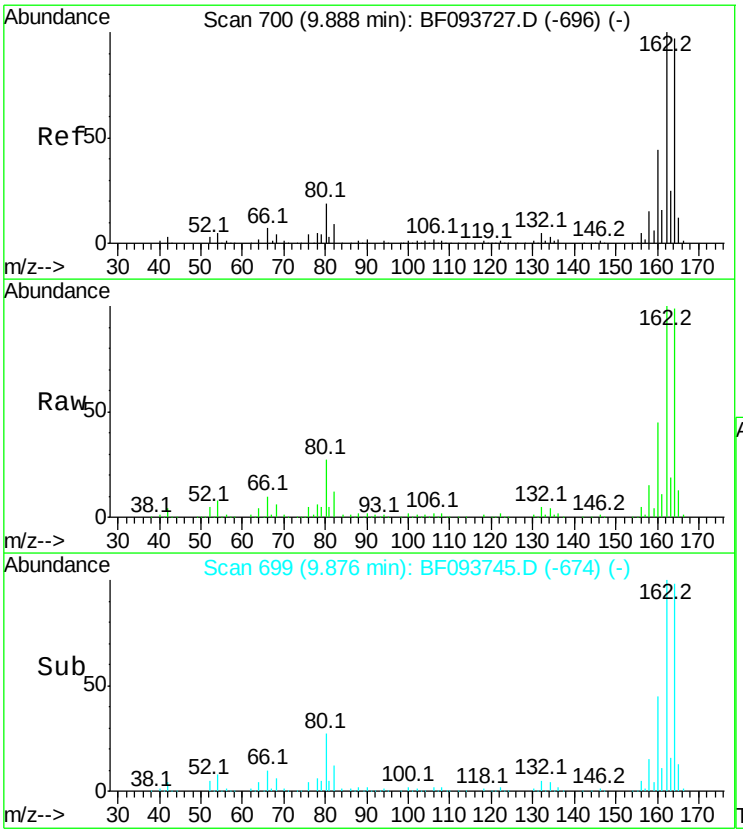
#32
Benzoic acid
Concen: 8.59 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:122 Resp: 37777

Ion	Ratio	Lower	Upper
122	100		
105	125.9	103.3	143.3
77	97.8	73.7	113.7

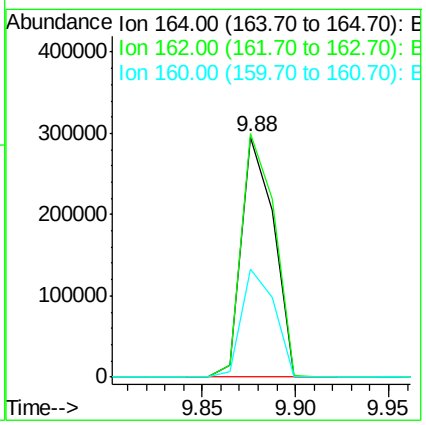


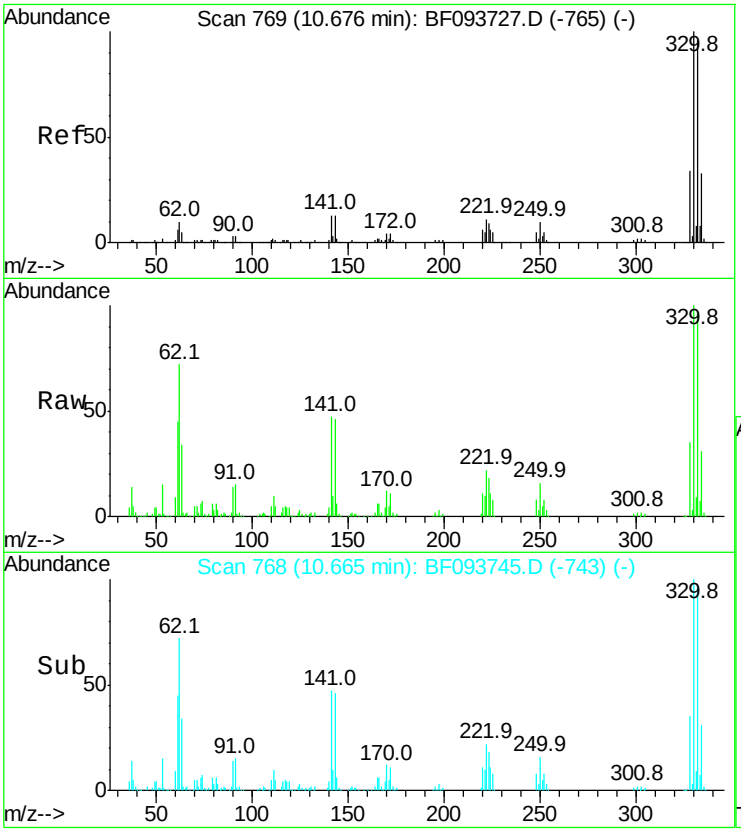


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:164 Resp: 354906

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	45.1	36.2	54.2



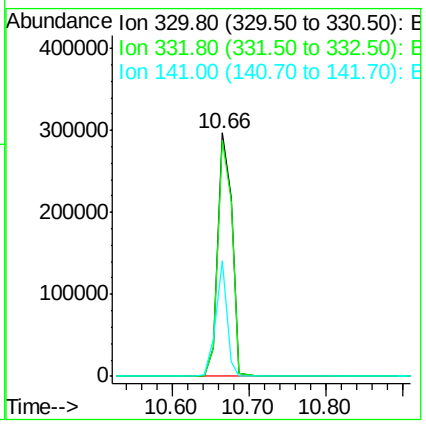


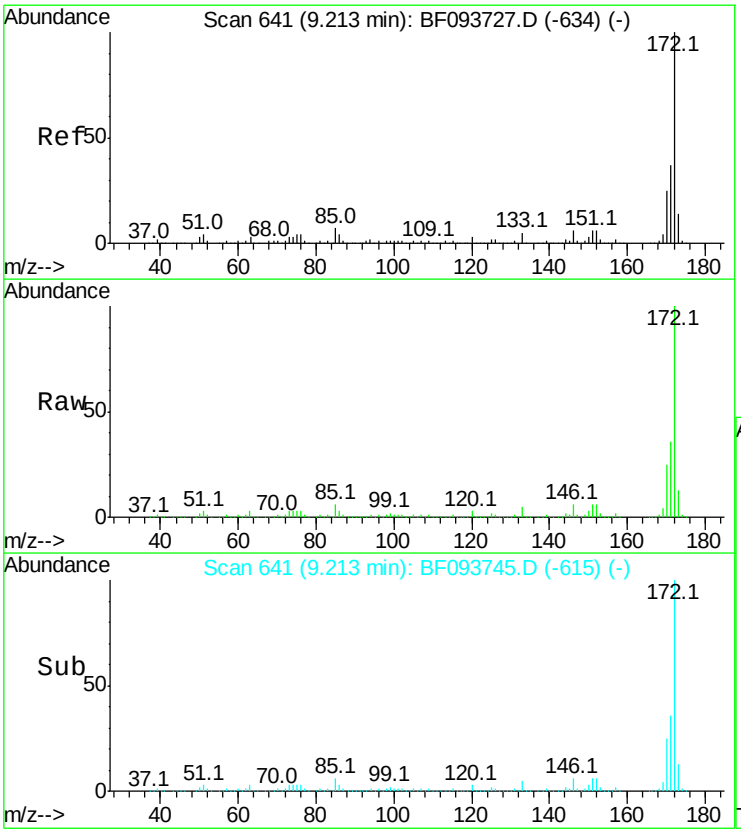
#41
2,4,6-Tribromophenol
Concen: 165.27 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:330 Resp: 383883

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	37.5	31.4	47.2

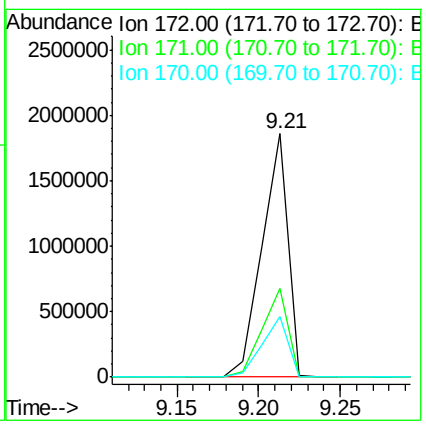


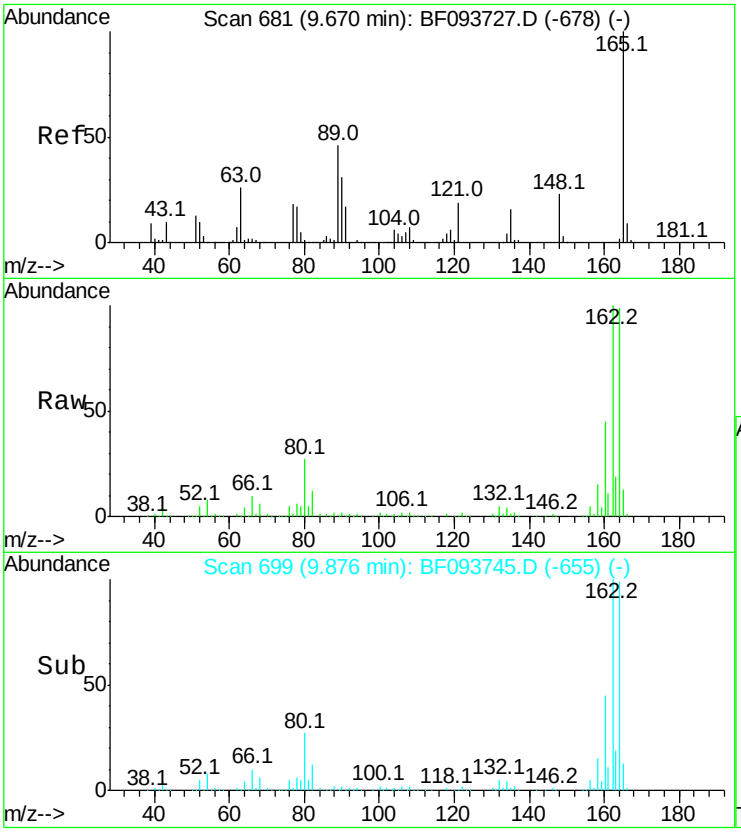


#44
2-Fluorobiphenyl
Concen: 109.48 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:172 Resp: 2059054

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.8	19.8	29.8



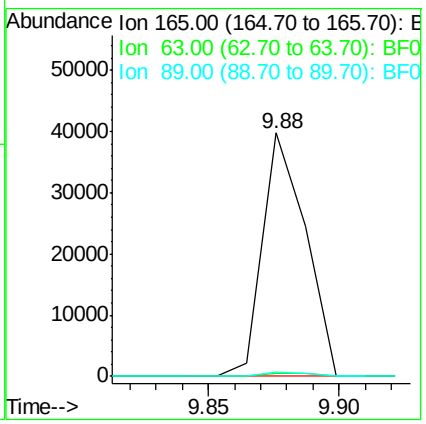


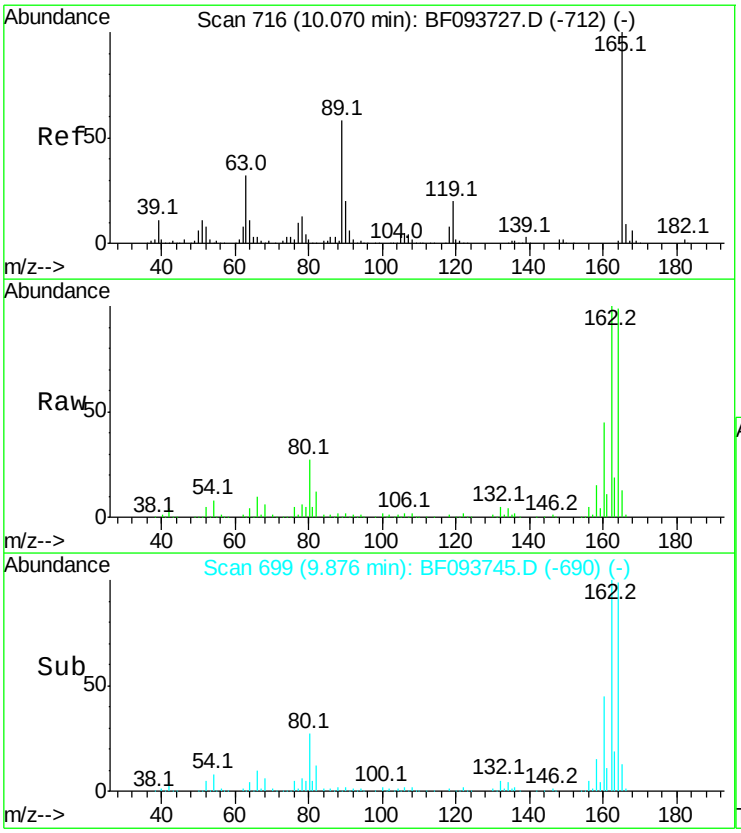
#50
2,6-Dinitrotoluene
Concen: 9.12 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.21 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:165 Resp: 45645

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.9	37.1	55.7#

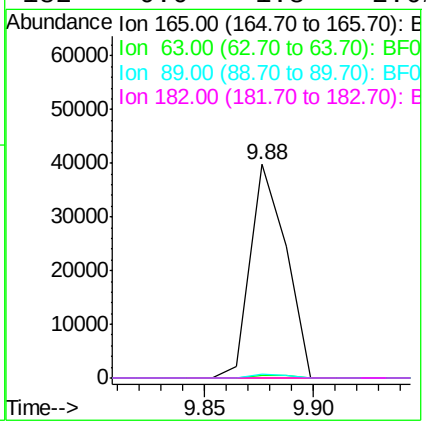


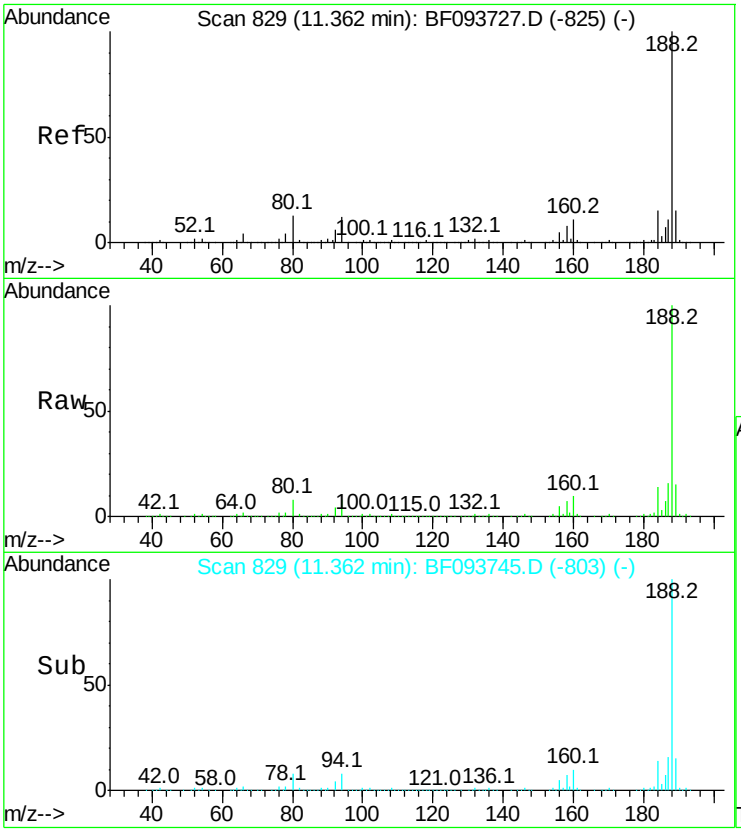


#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.19 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:165 Resp: 45648

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



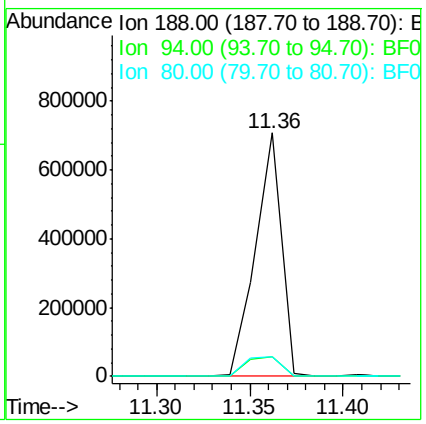


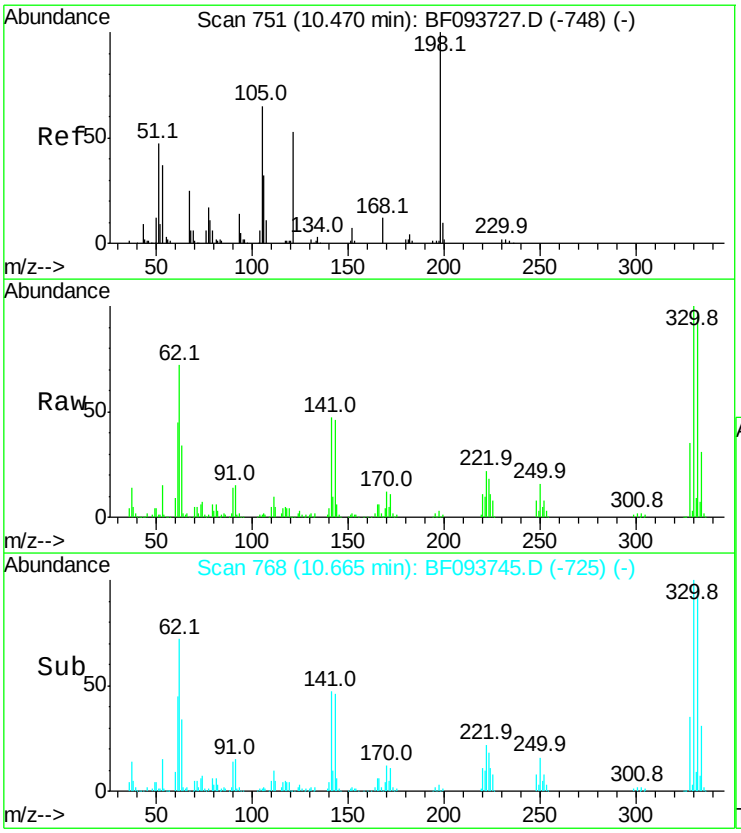
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:188 Resp: 681581

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.4	14.2#
80	8.2	10.2	15.2#

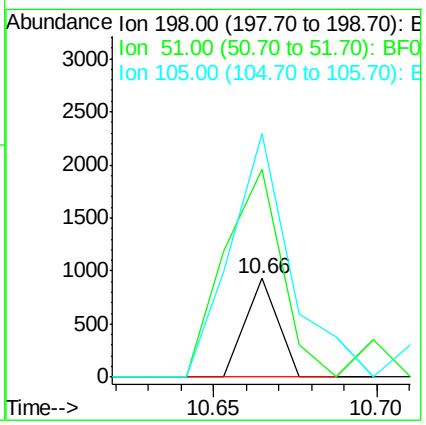


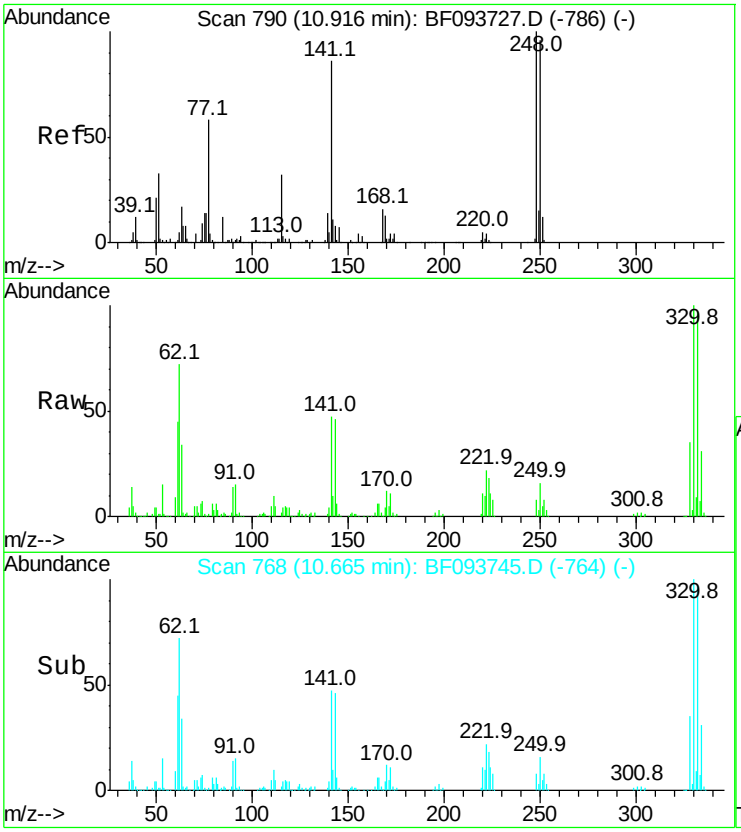


#64
4,6-Dinitro-2-methylphenol
Concen: 4.09 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:198 Resp: 639

Ion	Ratio	Lower	Upper
198	100		
51	210.5	53.2	93.2#
105	246.1	45.8	85.8#



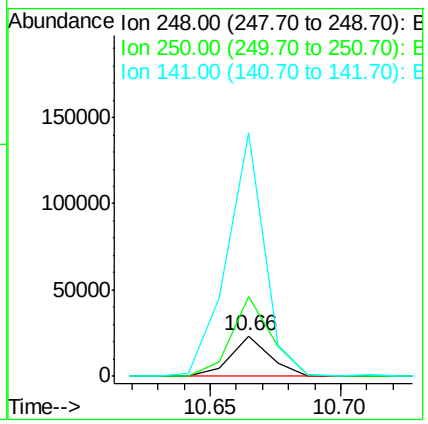


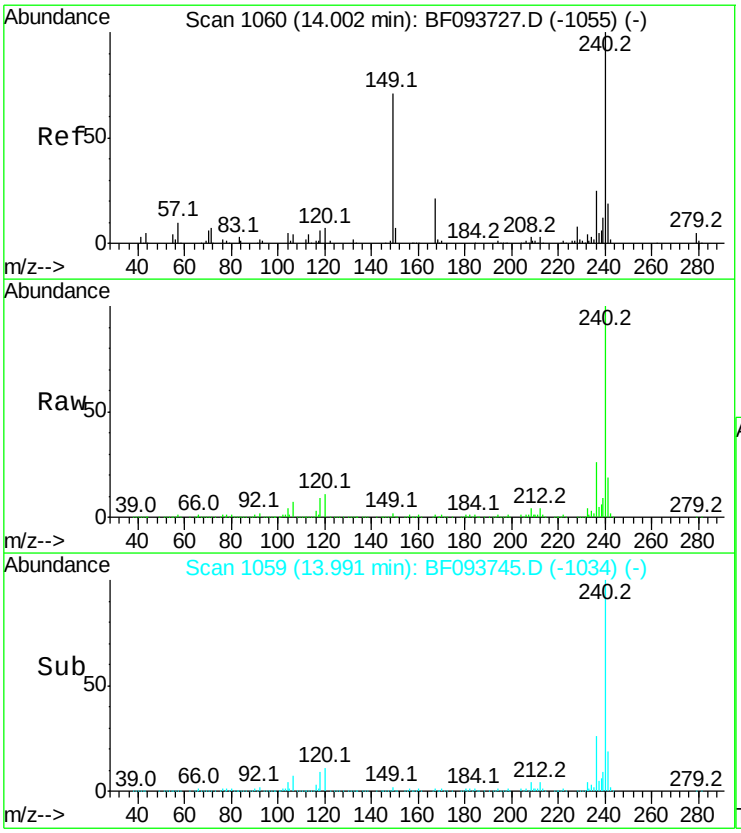
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:248 Resp: 24447

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.8	115.2#
141	602.0	68.6	103.0#

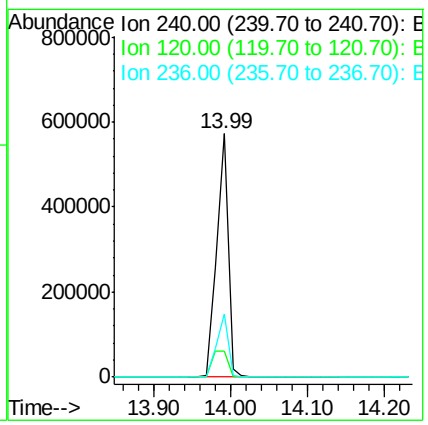


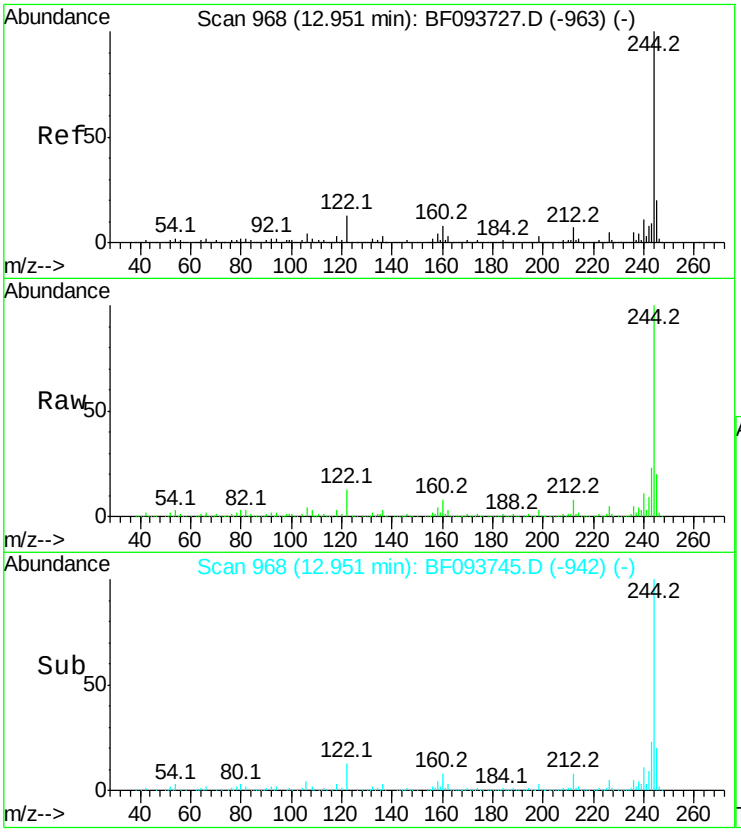


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:240 Resp: 592291

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.8	8.8#
236	25.8	20.5	30.7



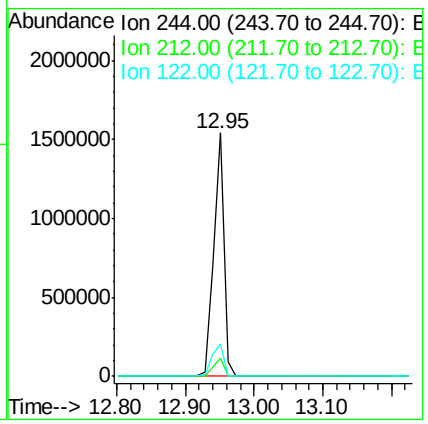


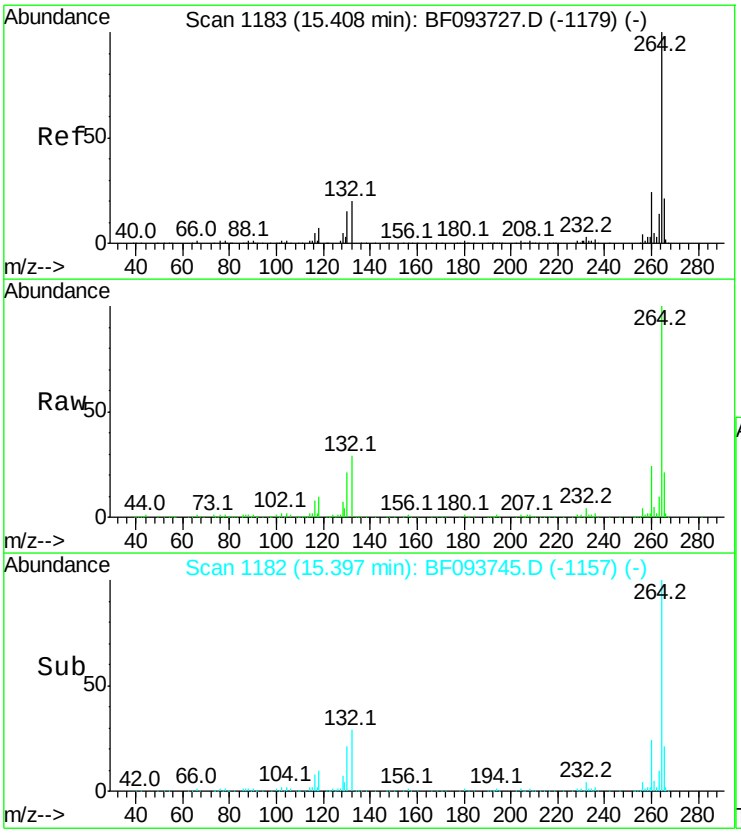
#78
Terphenyl-d14
Concen: 59.30 ng
RT: 12.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Instrument :
BNA_F
ClientSampleId :
MW-101D

Tgt Ion:244 Resp: 1631785

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093745.D
Acq: 18 Mar 2017 11:16

Tgt Ion:264 Resp: 468905

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.2	25.8