Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093525.D
Acq On : 10 Mar 2017 16:42
Operator : SJ/MA
Sample : I2160-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B29-B35-001

Quant Time: Mar 10 18:54:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	584146	20.00	ng		0.13
21) Naphthalene-d8	8.02	136	726706	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	325103	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	606163	20.00	ng		-0.02
75) Chrysene-d12	13.90	240	552792	20.00	ng		-0.02
86) Perylene-d12	15.31	264	369857	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1431504	40.79	ng		0.01
7) Phenol-d6	6.41	99	1734709	39.19	ng		0.00
23) Nitrobenzene-d5	7.32	82	1211529	92.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	329786	155.70	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	1547071	88.51	ng		-0.03
78) Terphenyl-d14	12.85	244	1557590	73.26	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	163479	5.37	ng	#	80
25) Isophorone	7.32	82	1211838	45.88	ng	#	65
31) Naphthalene	8.05	128	3500882	96.13	ng		99
33) 4-Chloroaniline	8.05	127	486092	32.89	ng	#	33
35) Caprolactam	8.73	113	7957	2.27	ng	#	1
37) 2-Methylnaphthalene	8.73	142	396151	17.10	ng		98
45) 1,1'-Biphenyl	9.20	154	54082	2.28	ng		97
50) 2,6-Dinitrotoluene	9.77	165	43723	9.25	ng	#	31
51) Acenaphthene	9.81	154	148719	8.41	ng		96
54) Dibenzofuran	9.98	168	85579	3.87	ng		95
55) 4-Nitrophenol	9.98	139	29626	10.74	ng	#	5
56) 2,4-Dinitrotoluene	9.77	165	44325	7.63	ng	#	20
57) Fluorene	10.32	166	97139	5.18	ng		100
66) 4-Bromophenyl-phenylether	10.57	248	24573	3.83	ng	#	1
70) Phenanthrene	11.28	178	161974	4.68	ng		98
71) Anthracene	11.28	178	161974	4.63	ng		99
72) Carbazole	11.51	167	283057	8.61	ng	#	96

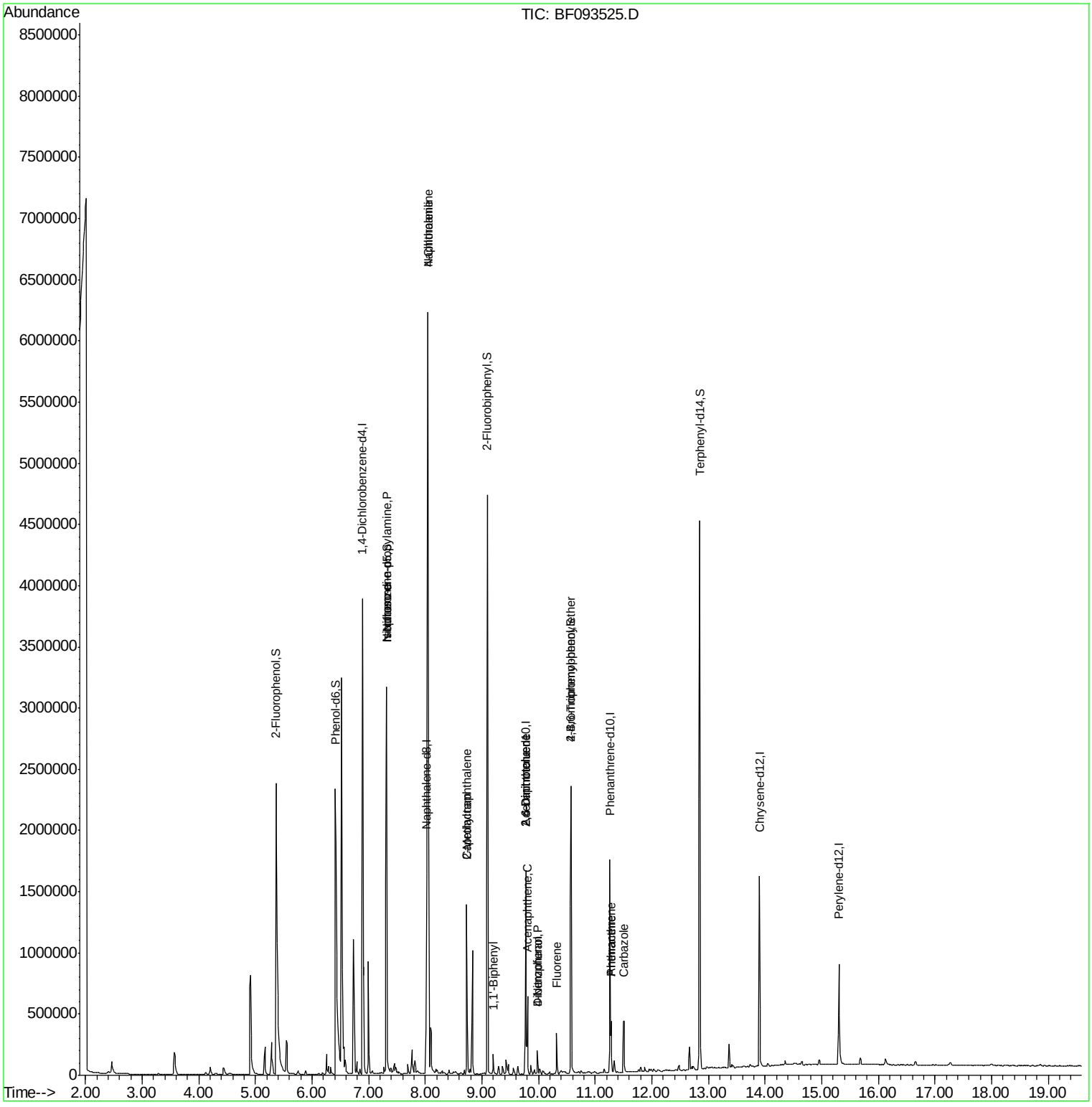
(#) = qualifier out of range (m) = manual integration (+) = signals summed

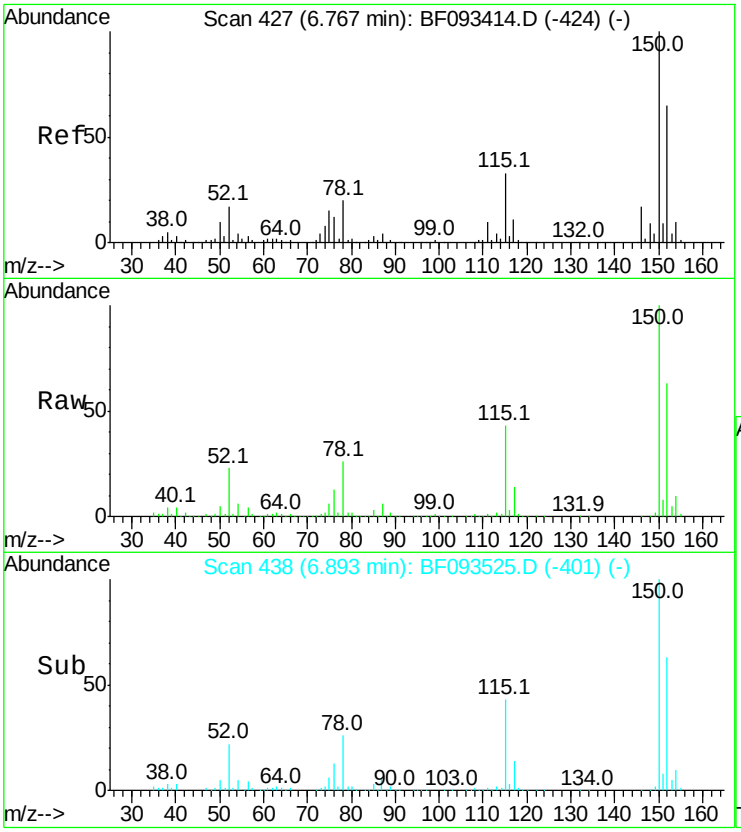
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093525.D
Acq On : 10 Mar 2017 16:42
Operator : SJ/MA
Sample : I2160-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Quant Time: Mar 10 18:54:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration



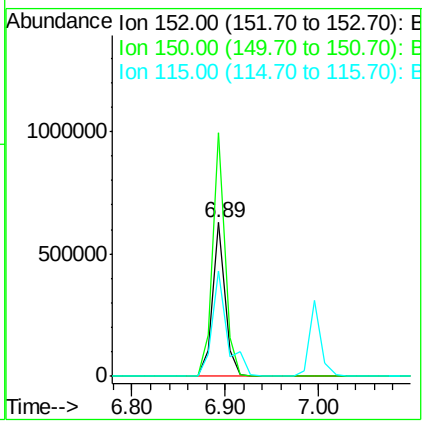


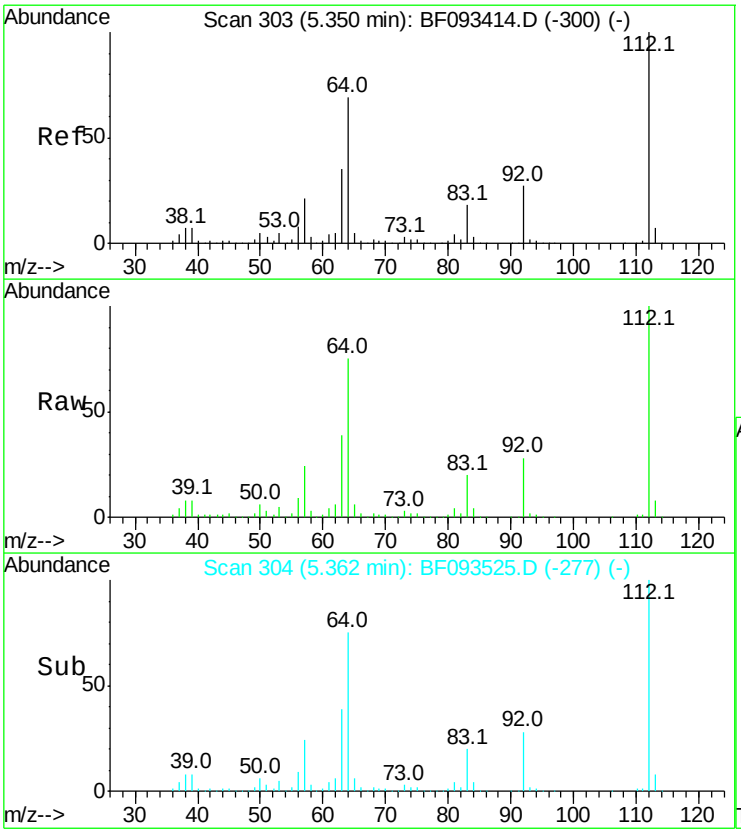
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.13 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:152 Resp: 584146

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	68.5	46.0	69.0

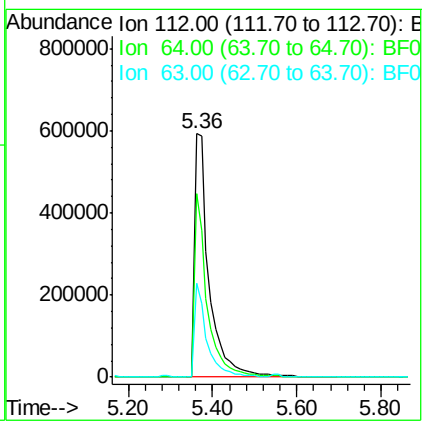


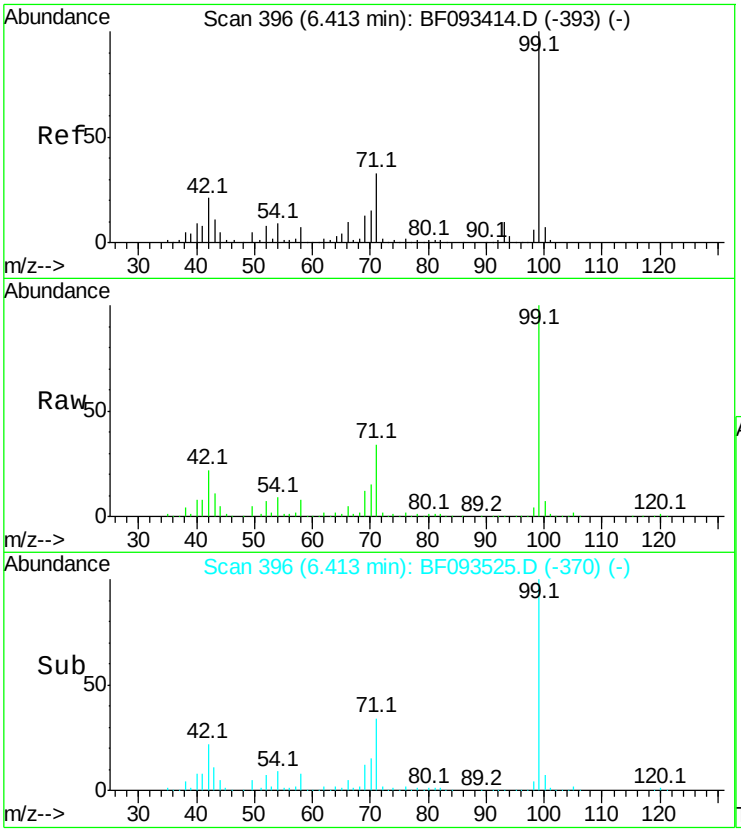


#5
2-Fluorophenol
Concen: 40.79 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:112 Resp: 1431504

Ion	Ratio	Lower	Upper
112	100		
64	75.5	46.1	69.1#
63	38.6	23.8	35.6#



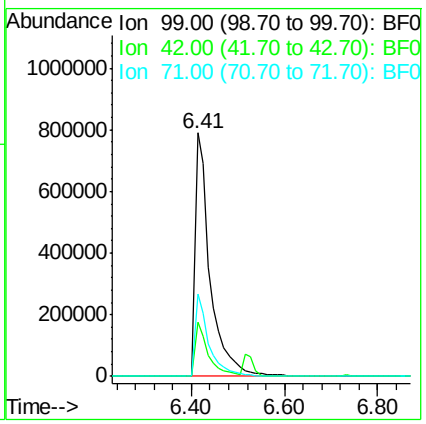


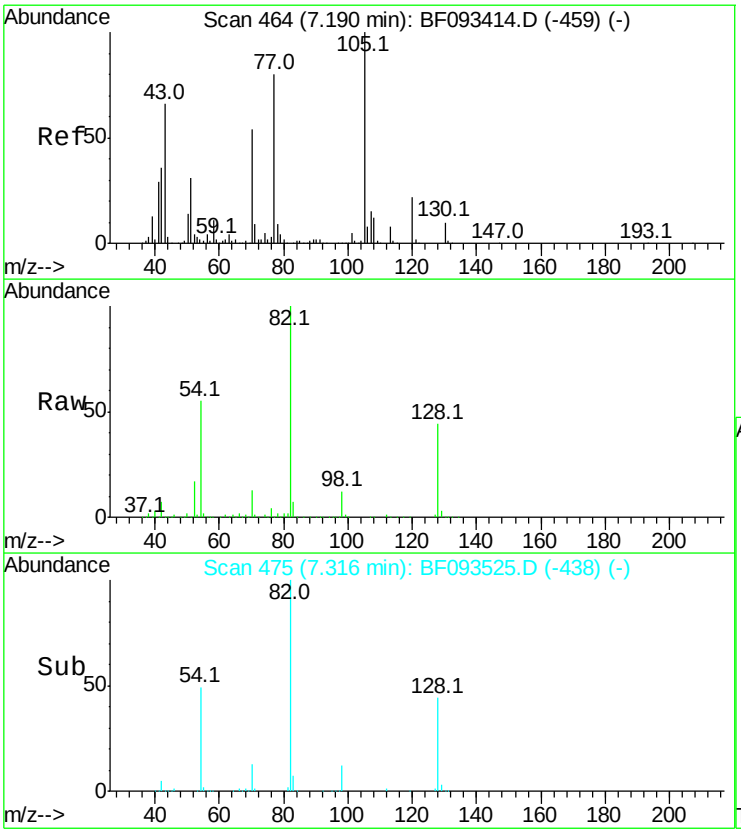
#7
Phenol-d6
Concen: 39.19 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion: 99 Resp: 1734709

Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.6	23.4
71	33.8	27.5	41.3

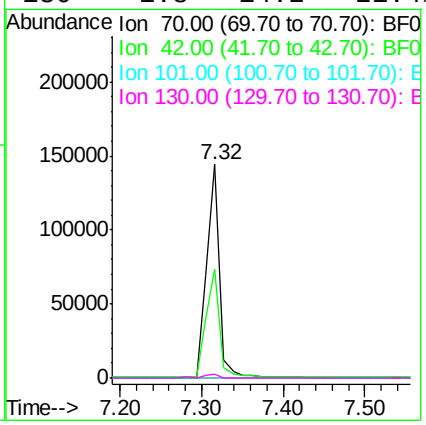


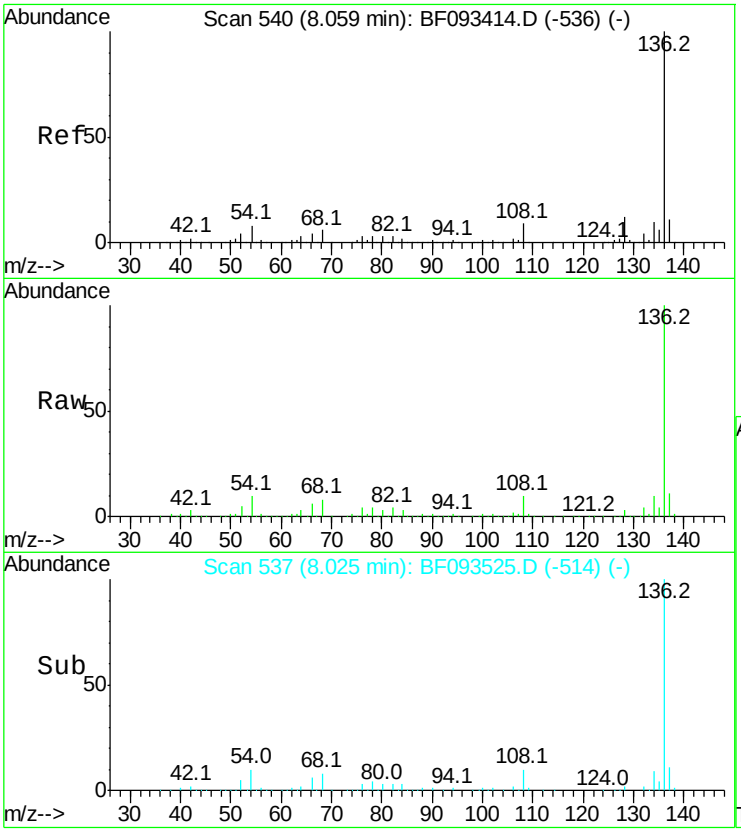


#19
n-Nitroso-di-n-propylamine
Concen: 5.37 ng
RT: 7.32 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion: 70 Resp: 163479

Ion	Ratio	Lower	Upper
70	100		
42	50.9	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



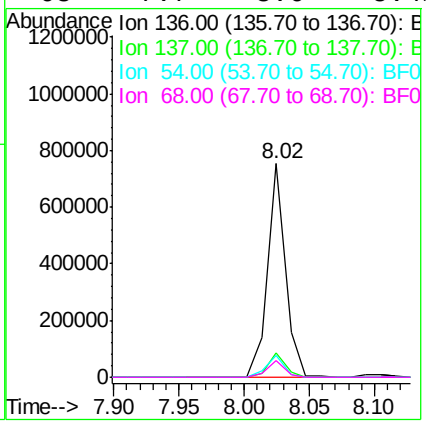


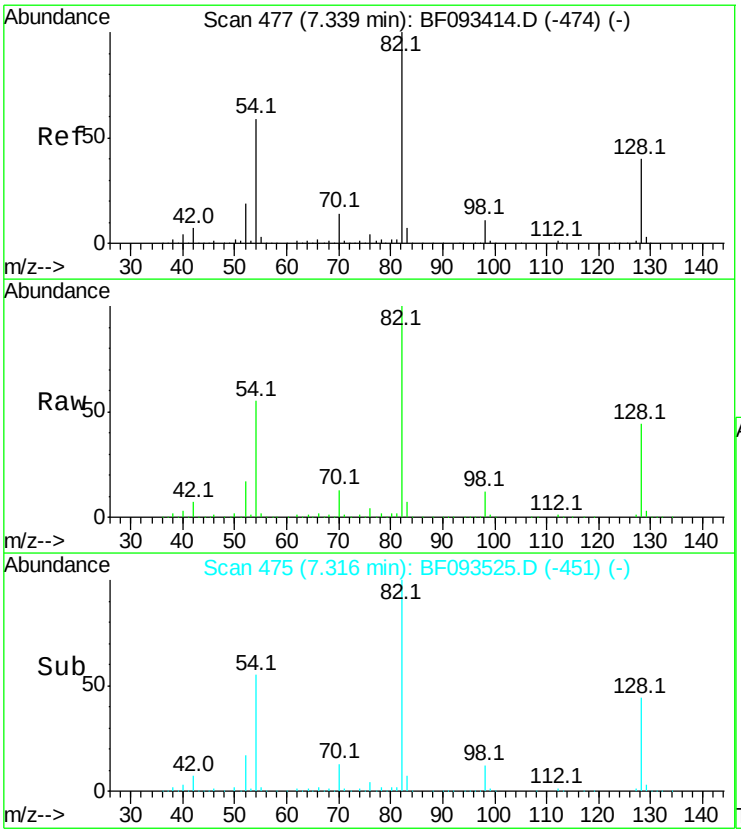
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:136 Resp: 726706

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.3	4.5	6.7#
68	7.7	3.6	5.4#

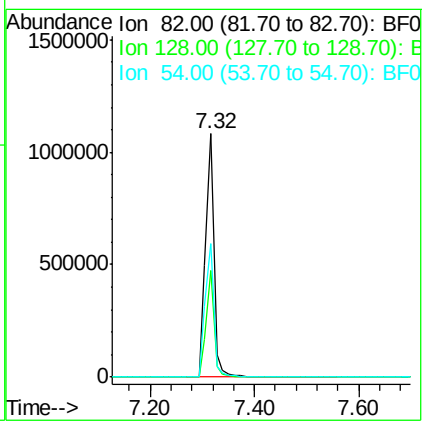


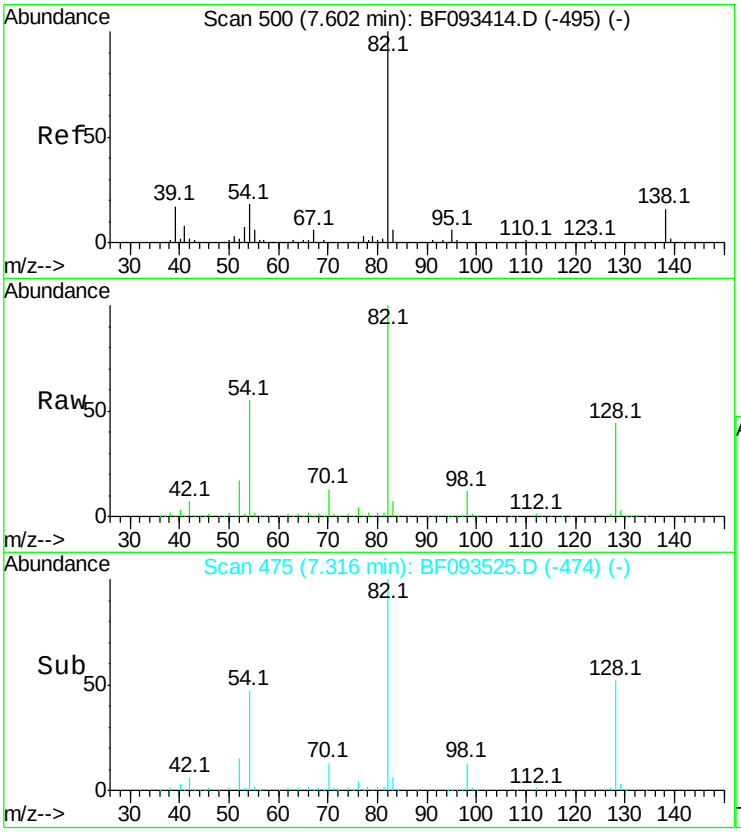


#23
Nitrobenzene-d5
Concen: 92.50 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion: 82 Resp: 1211529

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	54.7	39.5	59.3



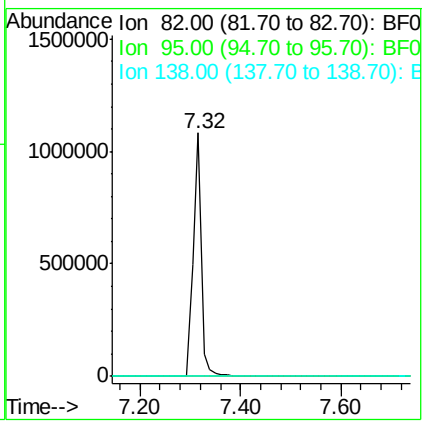


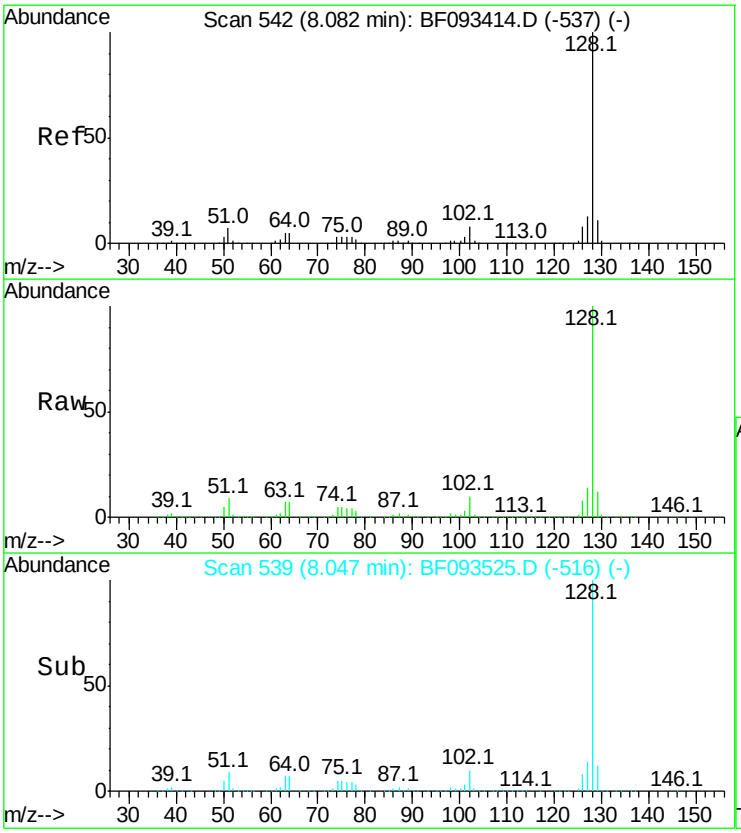
#25
Isophorone
Concen: 45.88 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.29 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion: 82 Resp: 1211838

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

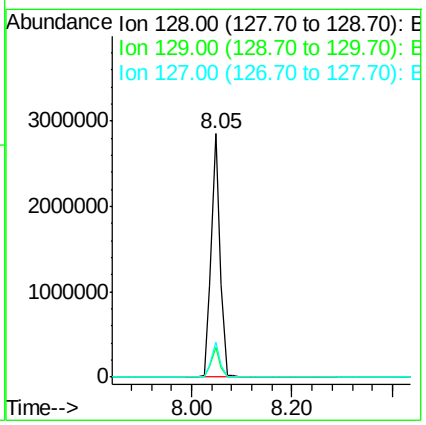


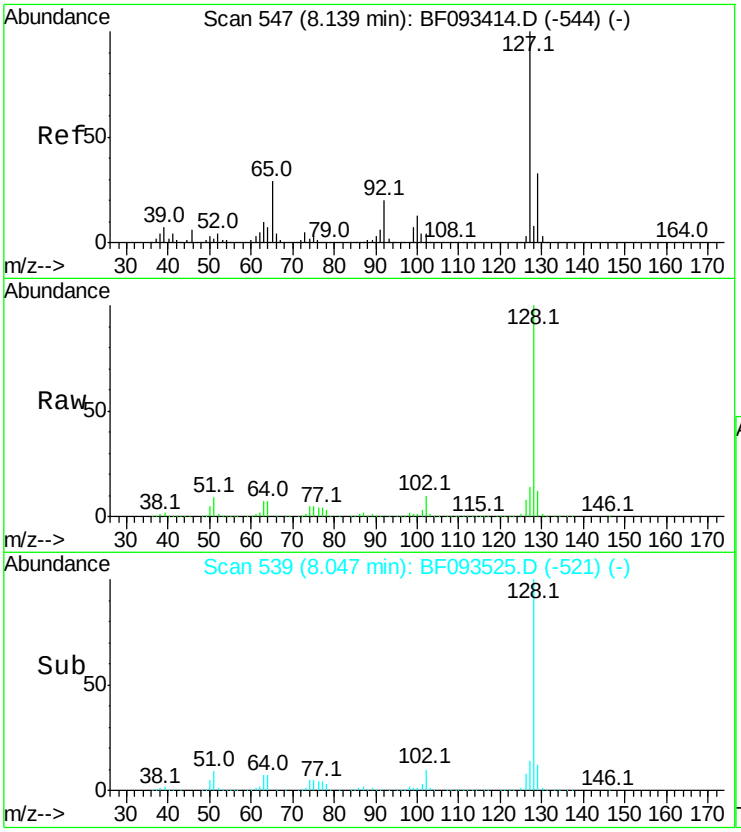


#31
Naphthalene
Concen: 96.13 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:128 Resp: 3500882

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.5	14.3
127	14.3	10.8	16.2



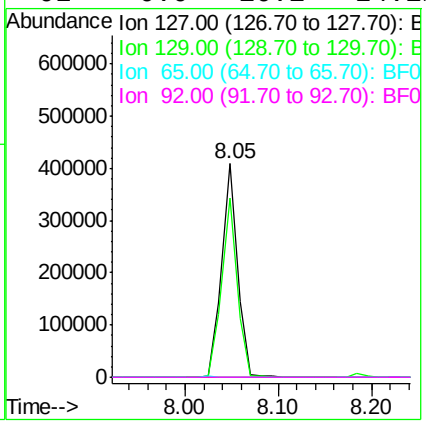


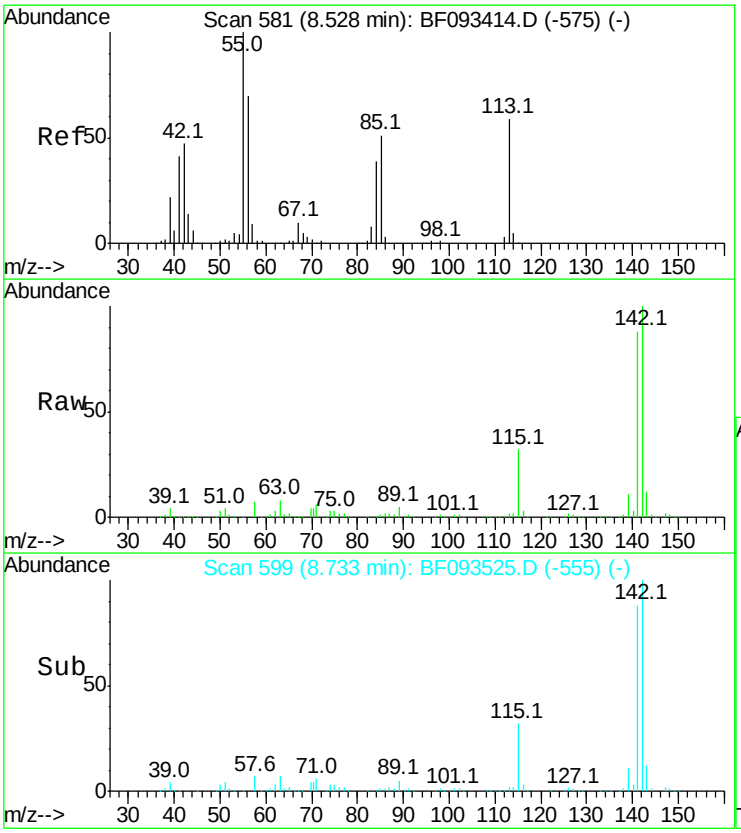
#33
4-Chloroaniline
Concen: 32.89 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.09 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:127 Resp: 486092

Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#

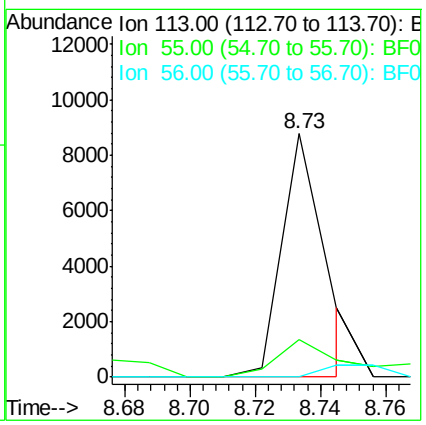


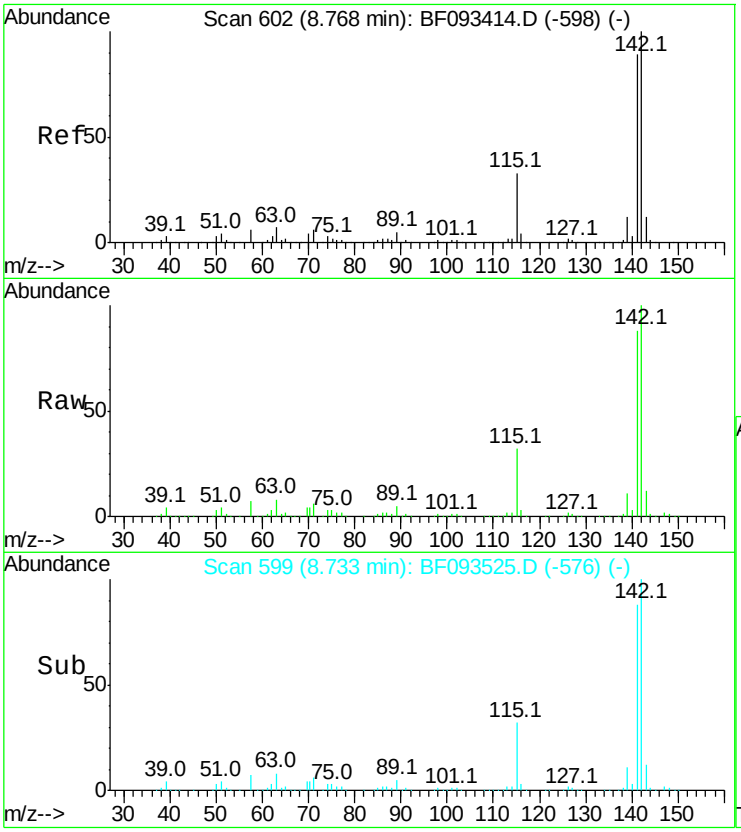


#35
Caprolactam
Concen: 2.27 ng
RT: 8.73 min Scan# 599
Delta R.T. 0.21 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:113 Resp: 7957

Ion	Ratio	Lower	Upper
113	100		
55	15.5	119.2	159.2#
56	0.0	83.8	123.8#



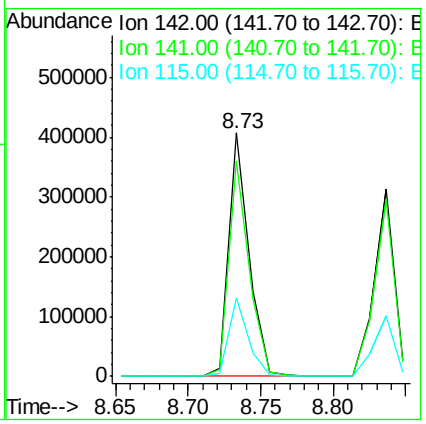


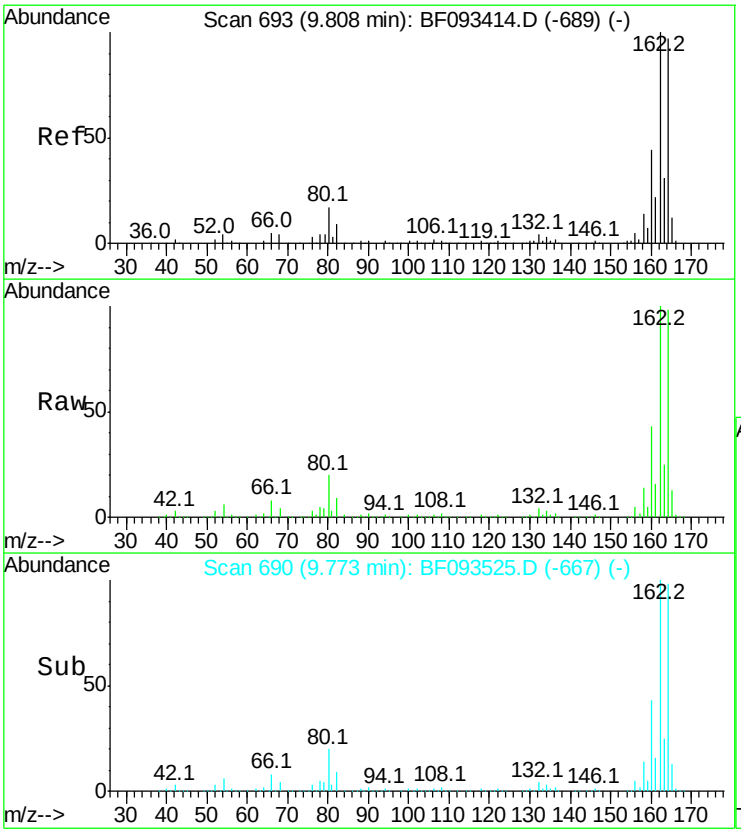
#37
2-Methylnaphthalene
Concen: 17.10 ng
RT: 8.73 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:142 Resp: 396151

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	32.3	28.3	42.5

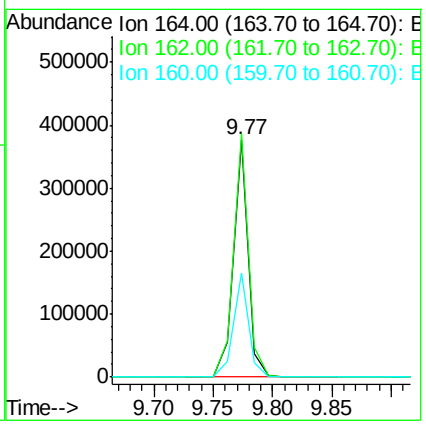


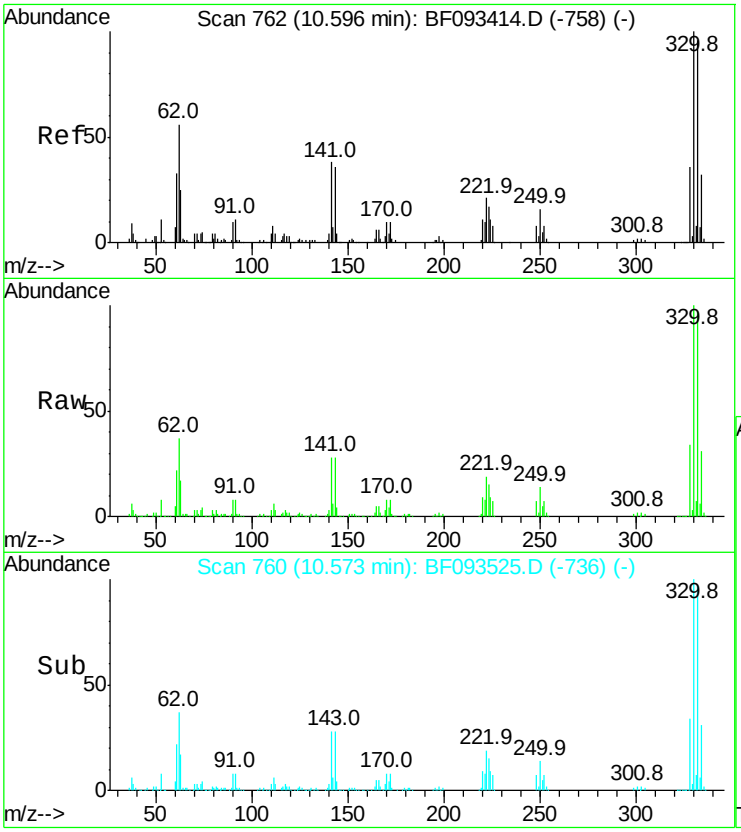


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:164 Resp: 325103

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.1	36.9	55.3



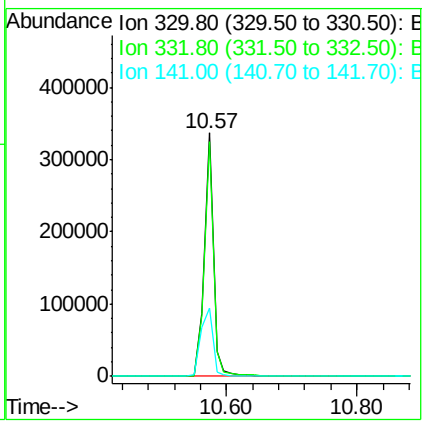


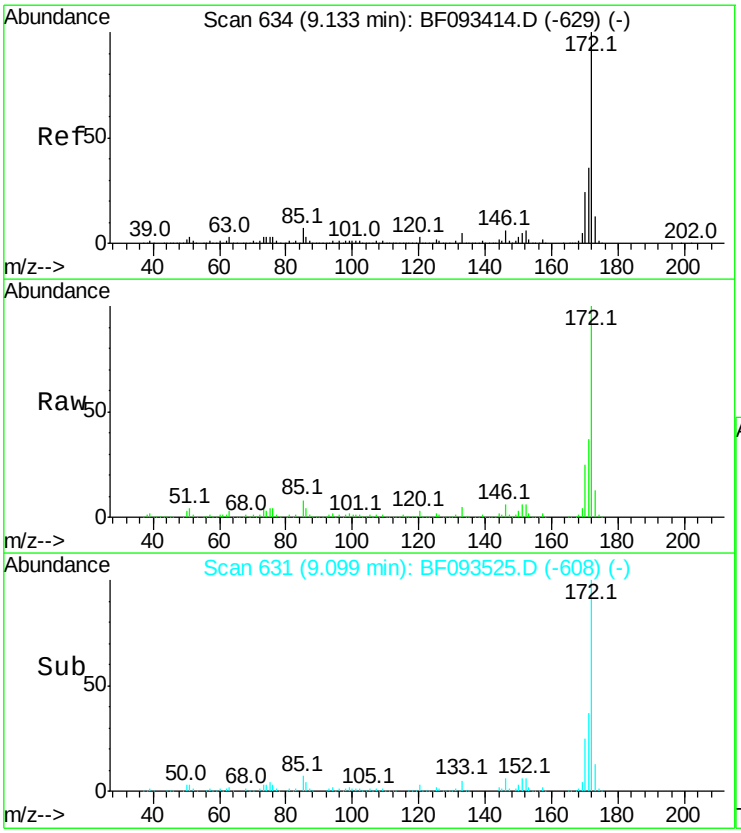
#41
2,4,6-Tribromophenol
Concen: 155.70 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:330 Resp: 329786

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	37.0	34.1	51.1

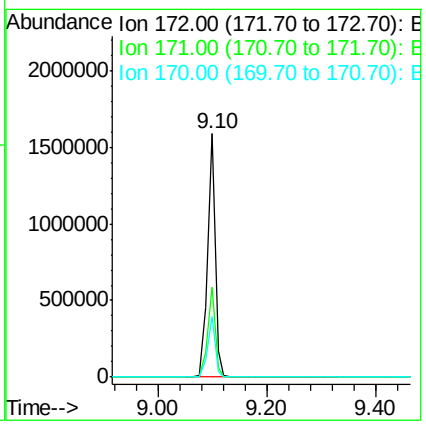


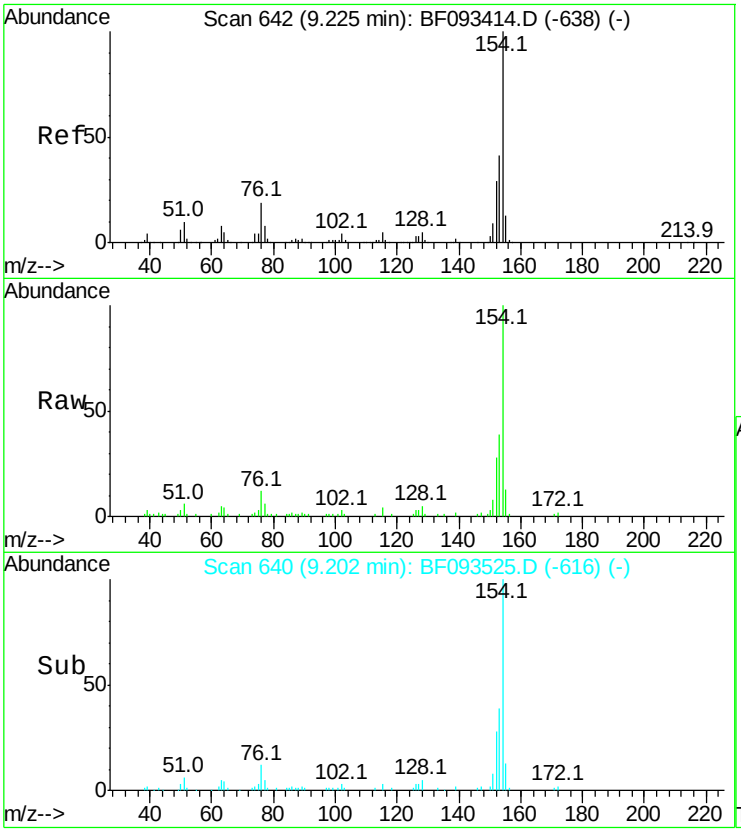


#44
2-Fluorobiphenyl
Concen: 88.51 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:172 Resp: 1547071

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.7	20.2	30.4



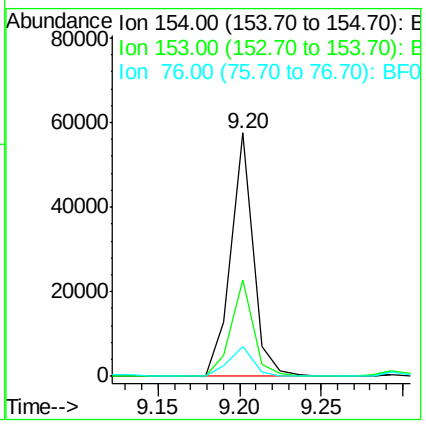


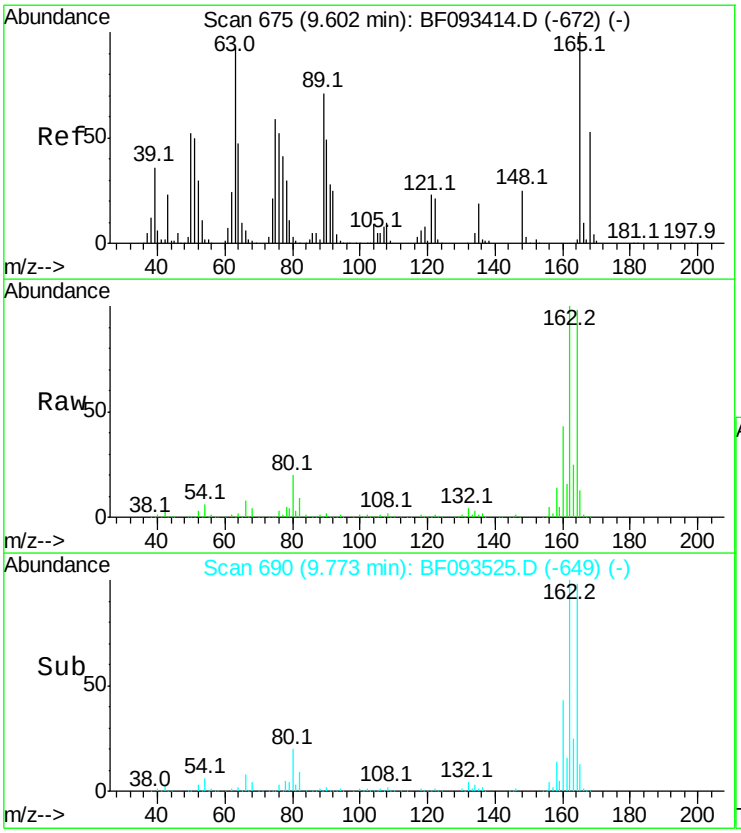
#45
1,1'-Biphenyl
Concen: 2.28 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:154 Resp: 54082

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.9	60.9
76	12.3	0.0	30.5

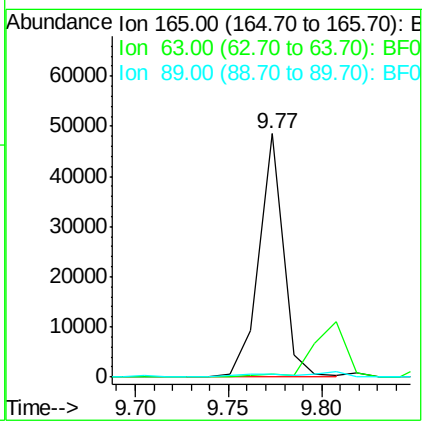


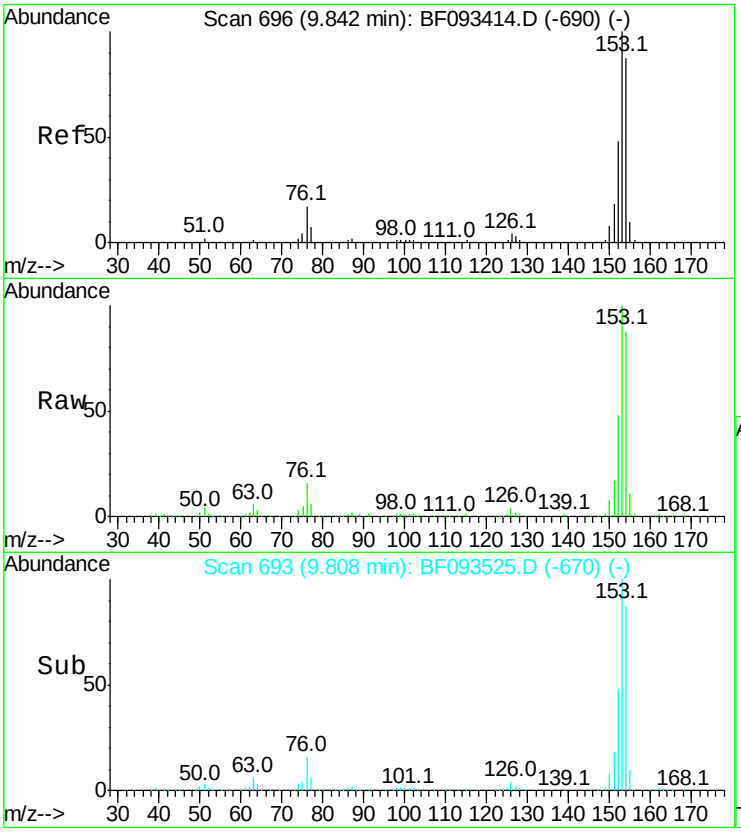


#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:165 Resp: 43723

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	40.2	60.4#



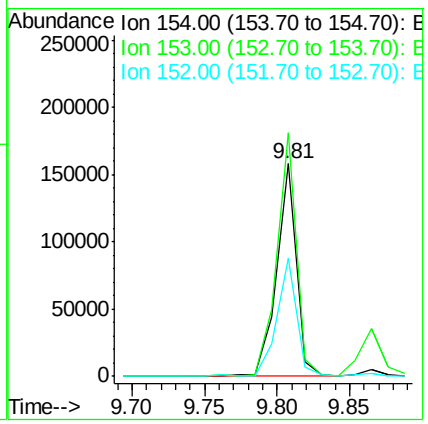


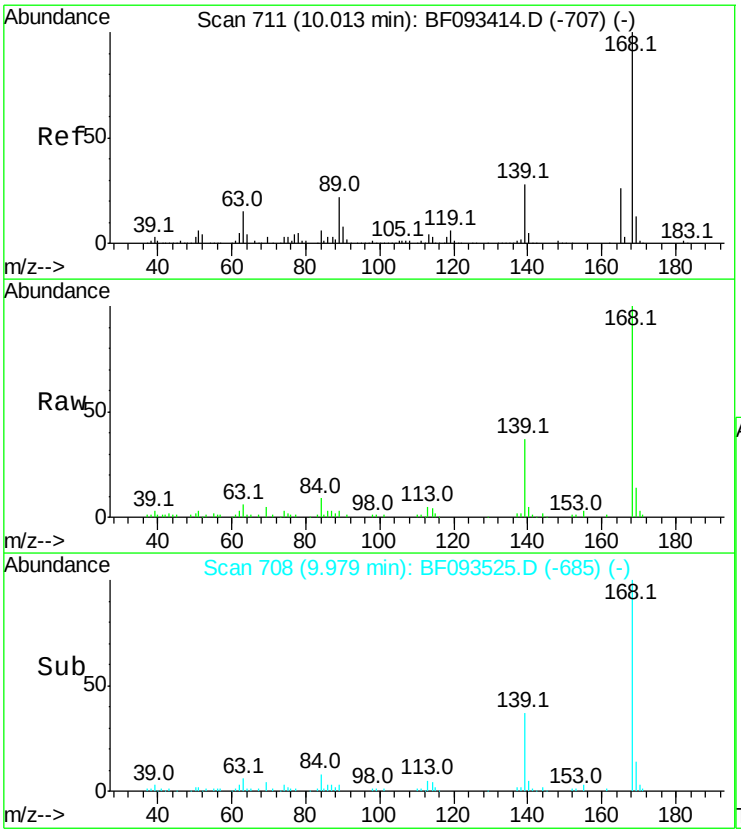
#51
Acenaphthene
Concen: 8.41 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:154 Resp: 148719

Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.6	133.0
152	55.4	41.6	62.4

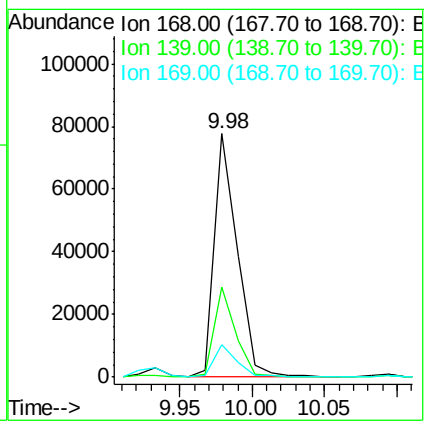


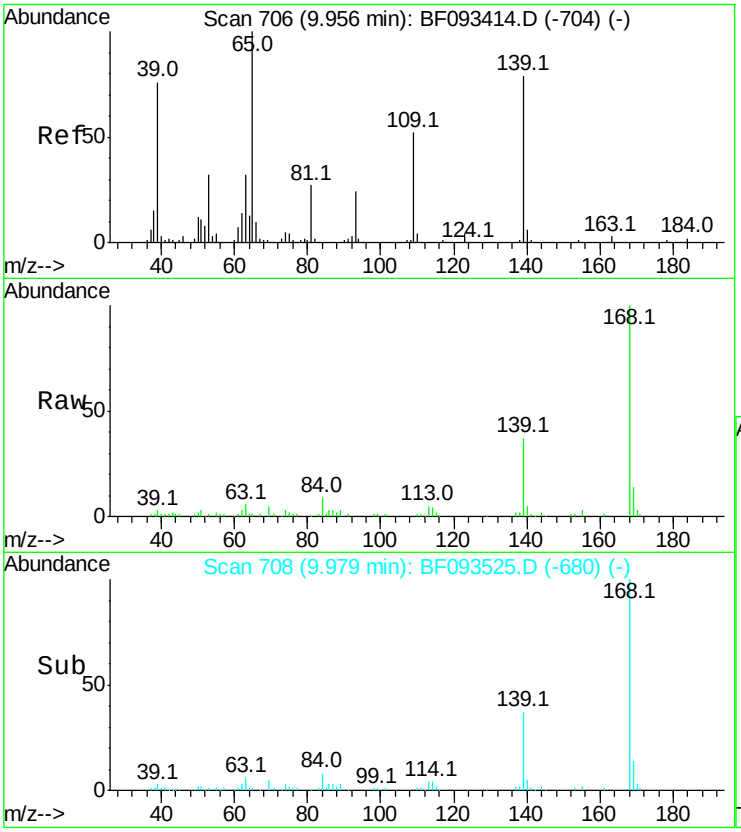


#54
Dibenzofuran
Concen: 3.87 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:168 Resp: 85579

Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.6	49.0
169	13.6	11.3	16.9



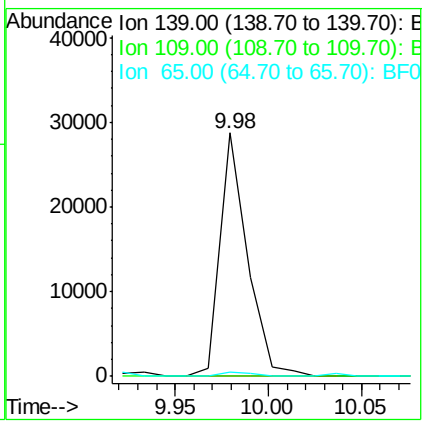


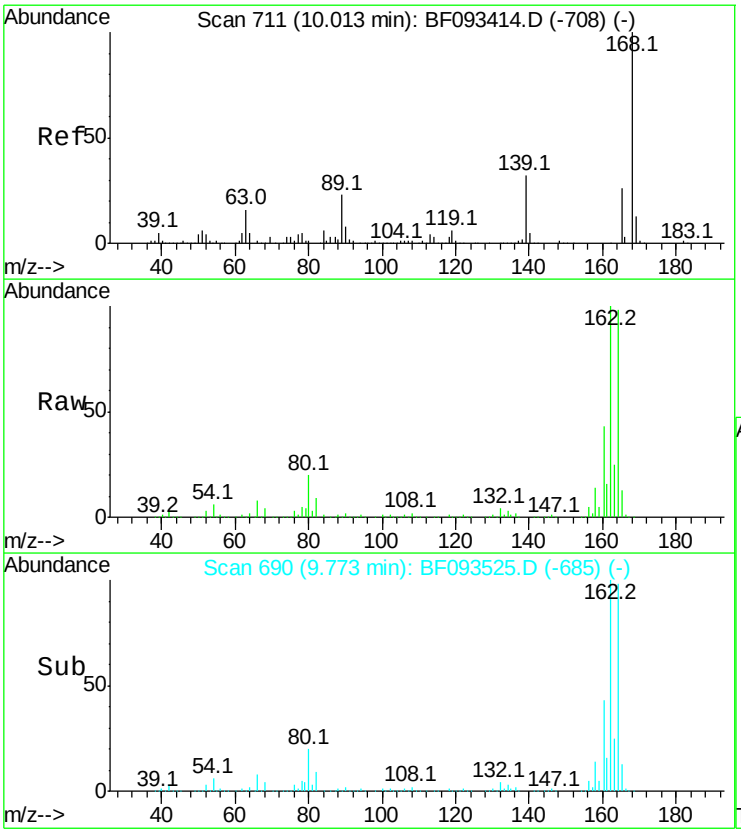
#55
4-Nitrophenol
Concen: 10.74 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:139 Resp: 29626

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.2	92.2#
65	1.9	85.8	125.8#

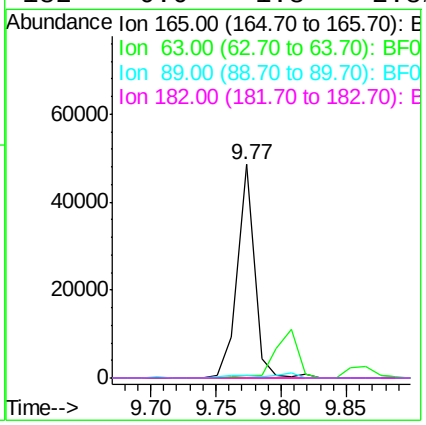


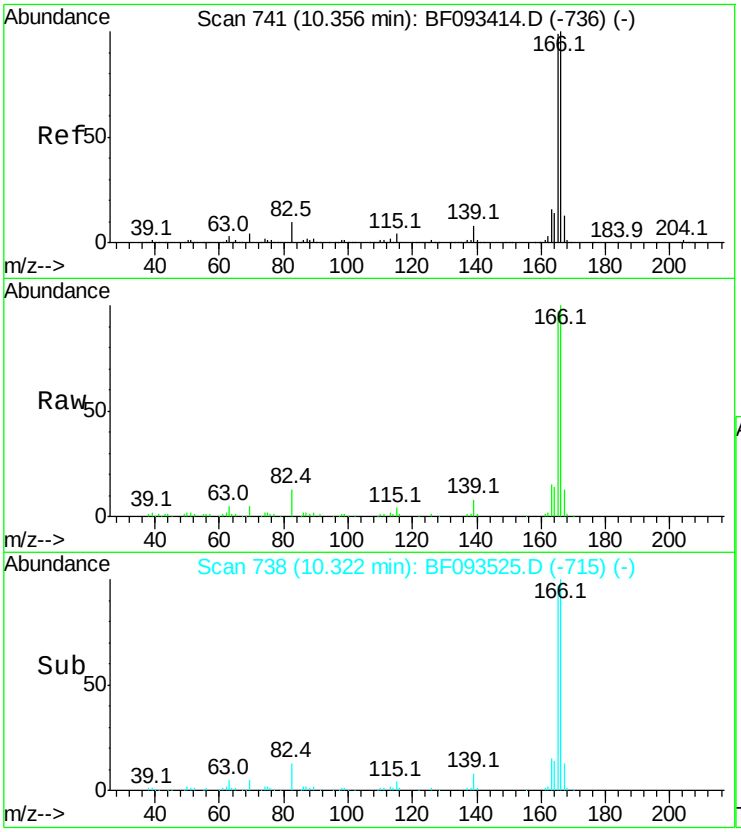


#56
2,4-Dinitrotoluene
Concen: 7.63 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:165 Resp: 44325

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



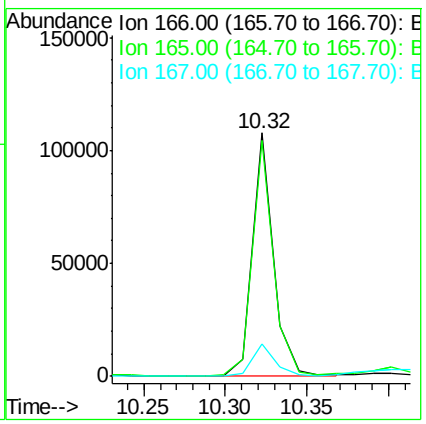


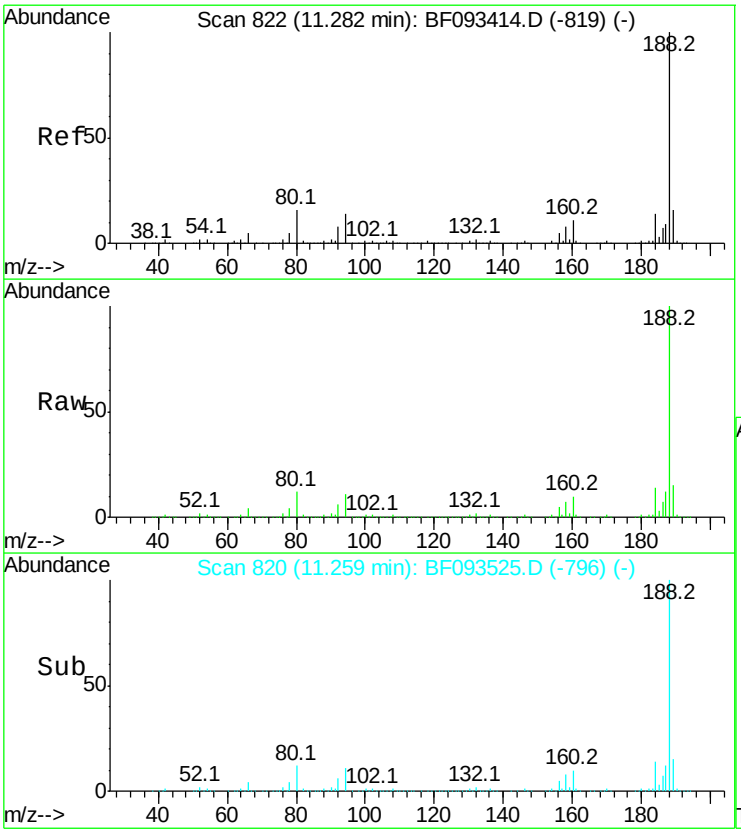
#57
Fluorene
Concen: 5.18 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:166 Resp: 97139

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.8
167	13.1	10.8	16.2

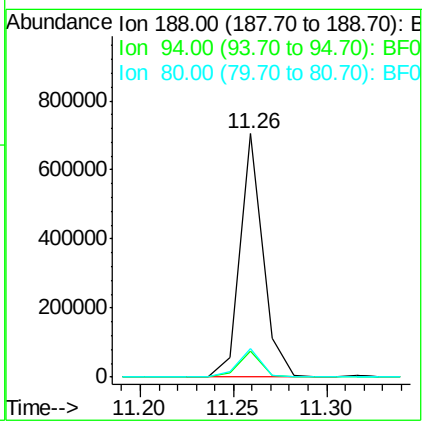


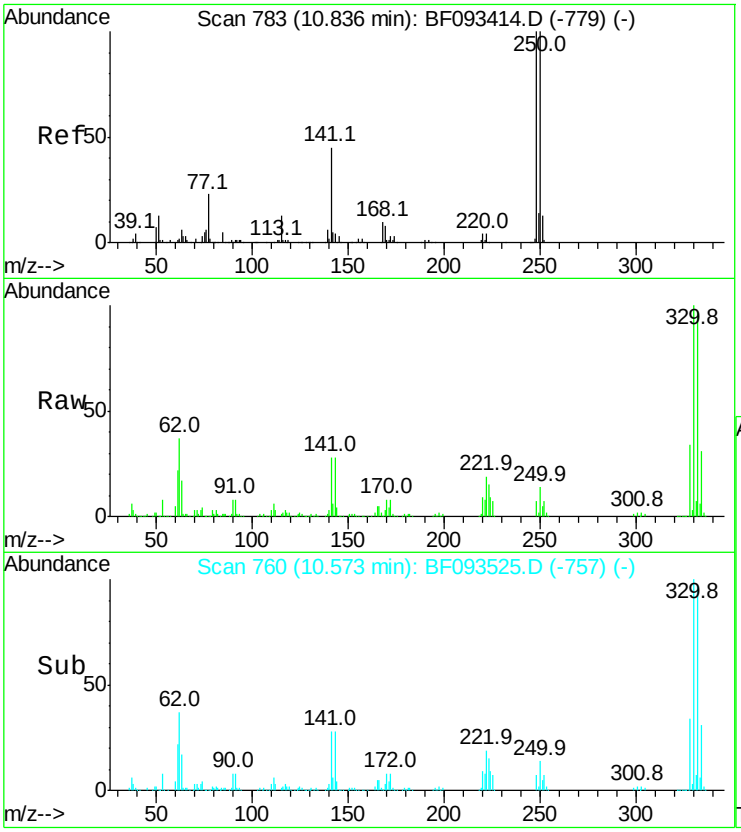


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:188 Resp: 606163

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.0	15.0
80	11.6	11.2	16.8



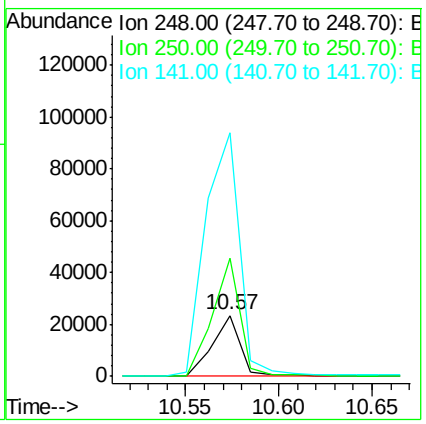


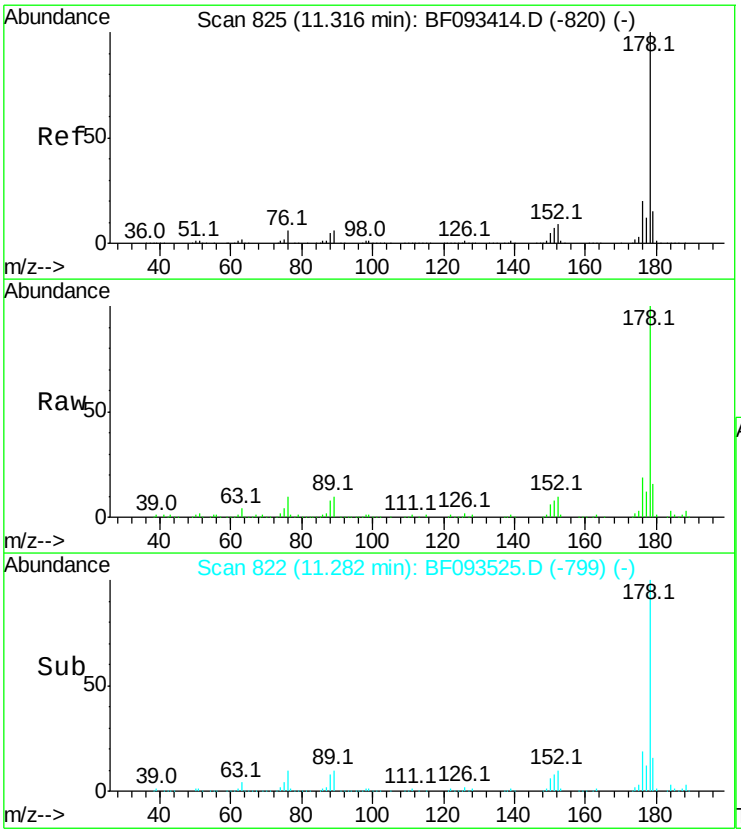
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:248 Resp: 24573

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.9	115.3#
141	400.8	68.2	102.4#

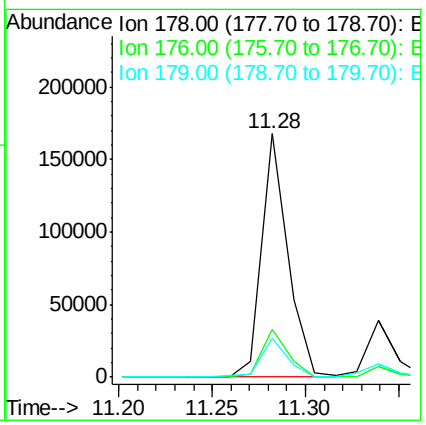


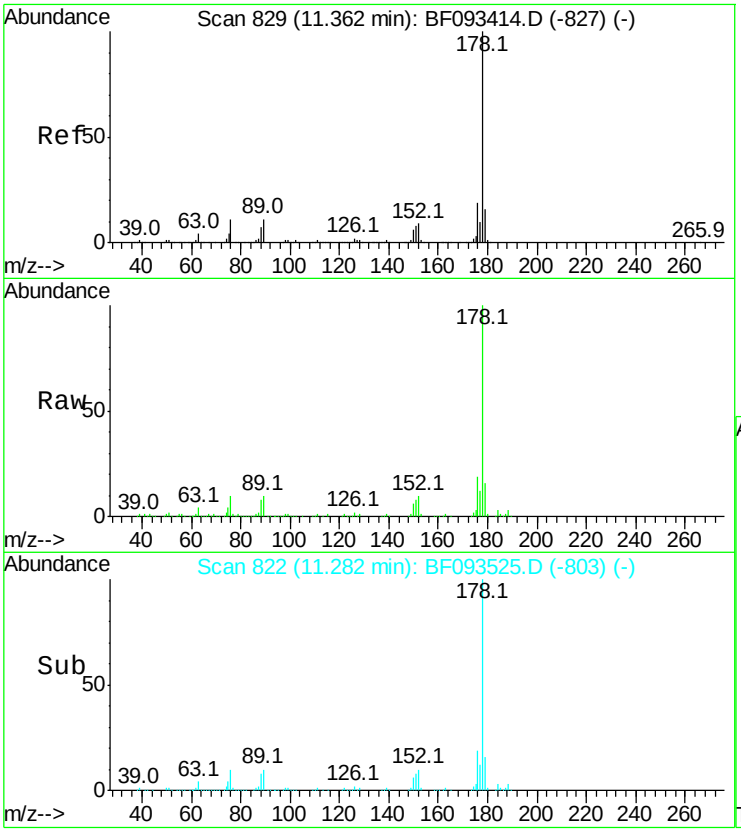


#70
Phenanthrene
Concen: 4.68 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.03 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:178 Resp: 161974

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	16.2	12.8	19.2



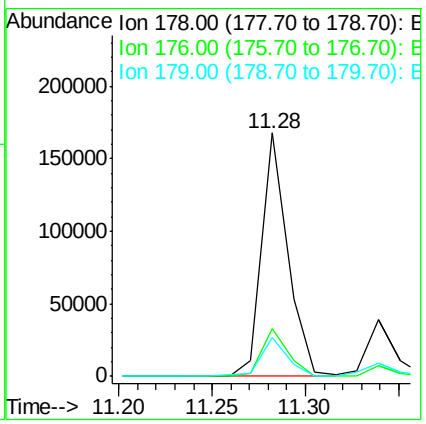


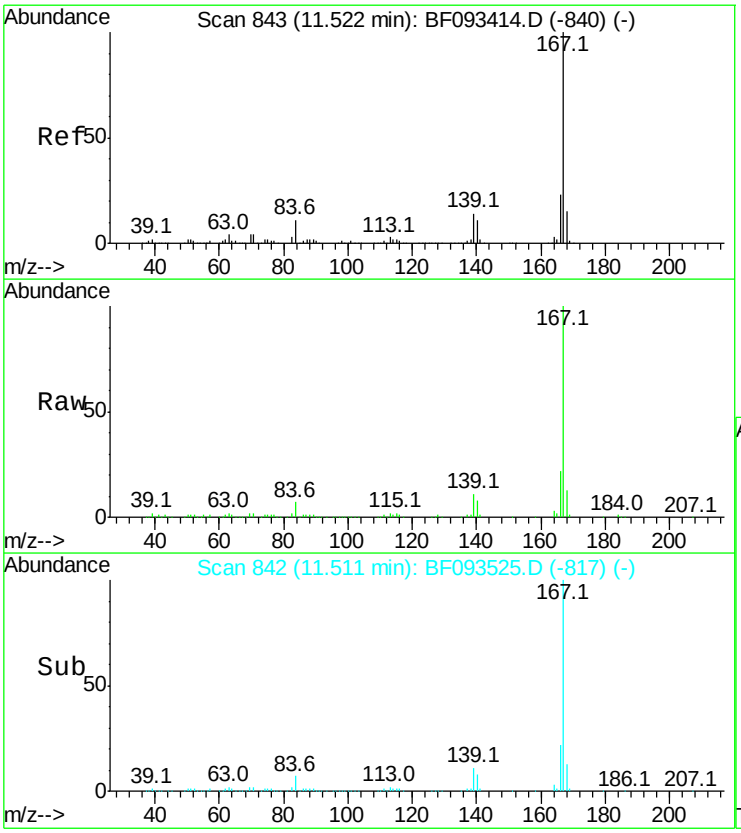
#71
Anthracene
Concen: 4.63 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.08 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:178 Resp: 161974

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.2	13.2	19.8

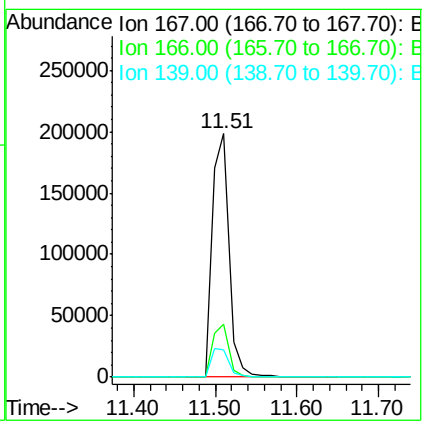


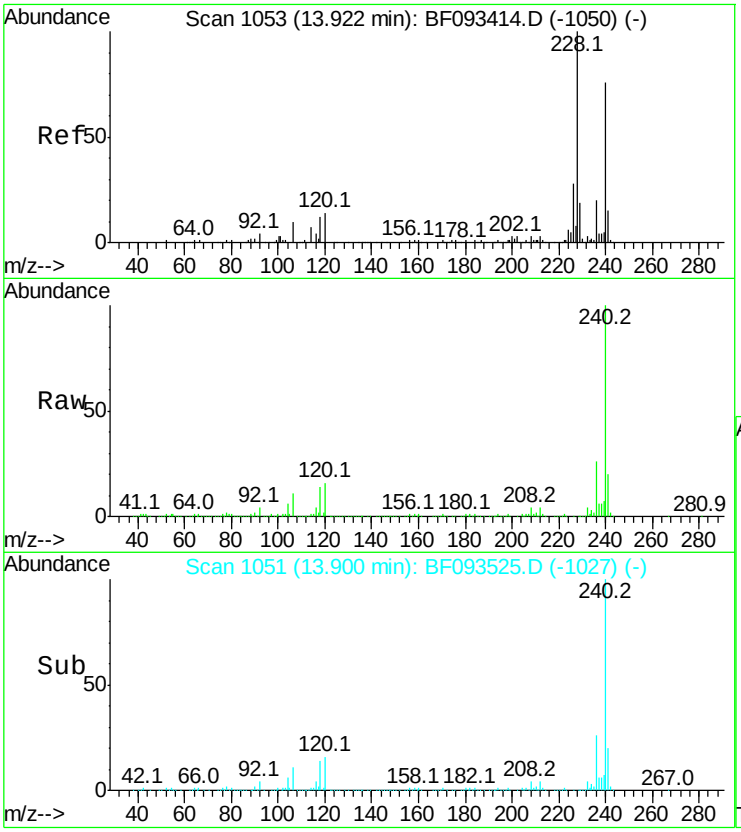


#72
Carbazole
Concen: 8.61 ng
RT: 11.51 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:167 Resp: 283057

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	11.4	11.4	17.2#



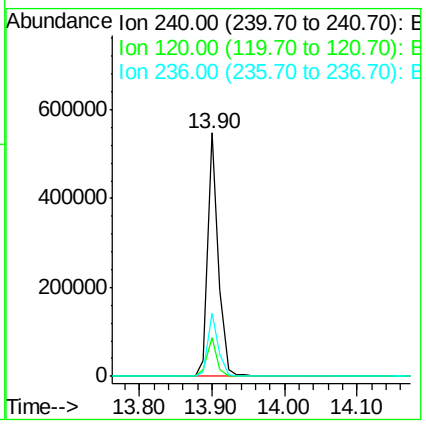


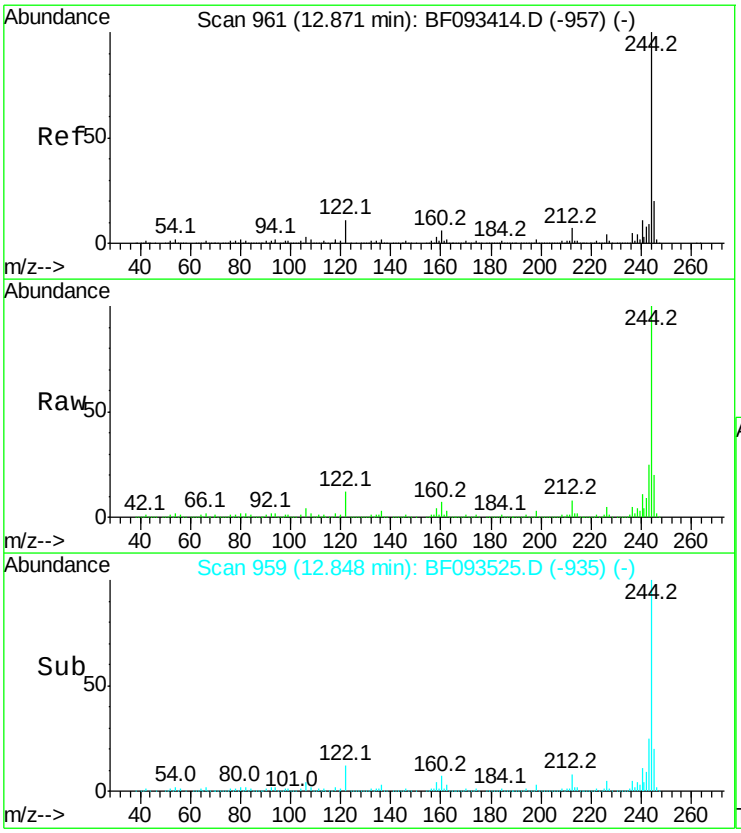
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:240 Resp: 552792

Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.9	19.3
236	26.2	20.9	31.3

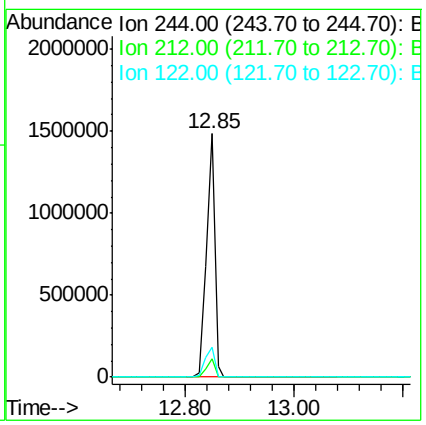


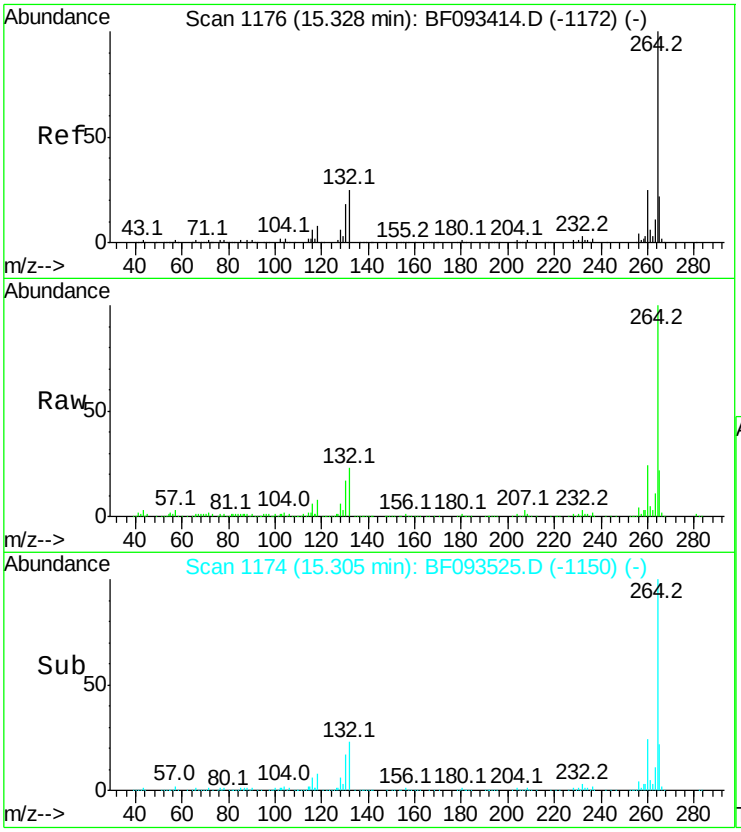


#78
Terphenyl-d14
Concen: 73.26 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Tgt Ion:244 Resp: 1557590

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.2	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093525.D
Acq: 10 Mar 2017 16:42

Instrument :
BNA_F
ClientSampleId :
WC-B29-B35-001

Tgt Ion:264 Resp: 369857

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.4	26.0