Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096290.D
Acq On : 29 Jun 2017 14:30
Operator : SJ/MA
Sample : I3949-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 29 17:33:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	175278	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	683805	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	248842	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	360917	20.00	ng		0.00
75) Chrysene-d12	13.92	240	345914	20.00	ng		0.00
86) Perylene-d12	15.34	264	259100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1152416	94.72	ng		0.01
7) Phenol-d6	6.40	99	1421716	96.51	ng		0.01
23) Nitrobenzene-d5	7.33	82	802902	81.28	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	169422	86.51	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	951779	70.05	ng		-0.02
78) Terphenyl-d14	12.87	244	594182	42.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.31	77	6462	Below Cal		#	72
10) Phenol	6.42	94	36564	2.26	ng		87
19) n-Nitroso-di-n-propylamine	7.33	70	108074	12.25	ng	#	88
25) Isophorone	7.33	82	802755	35.78	ng	#	67
32) Benzoic acid	7.76	122	16297	10.64	ng		88
49) Dimethylphthalate	9.52	163	238858	13.41	ng		99
53) 2,4-Dinitrophenol	10.09	184	587	8.03	ng	#	4
56) 2,4-Dinitrotoluene	9.80	165	33733	7.23	ng	#	33
57) Fluorene	10.35	166	1889	Below Cal		#	78
60) 4-Chlorophenyl-phenylether	10.18	204	114	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.37	198	115	8.80	ng	#	1
66) 4-Bromophenyl-phenylether	10.59	248	9333	2.51	ng	#	1
70) Phenanthrene	11.31	178	35393	Below Cal			98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096290.D
Acq On : 29 Jun 2017 14:30
Operator : SJ/MA
Sample : I3949-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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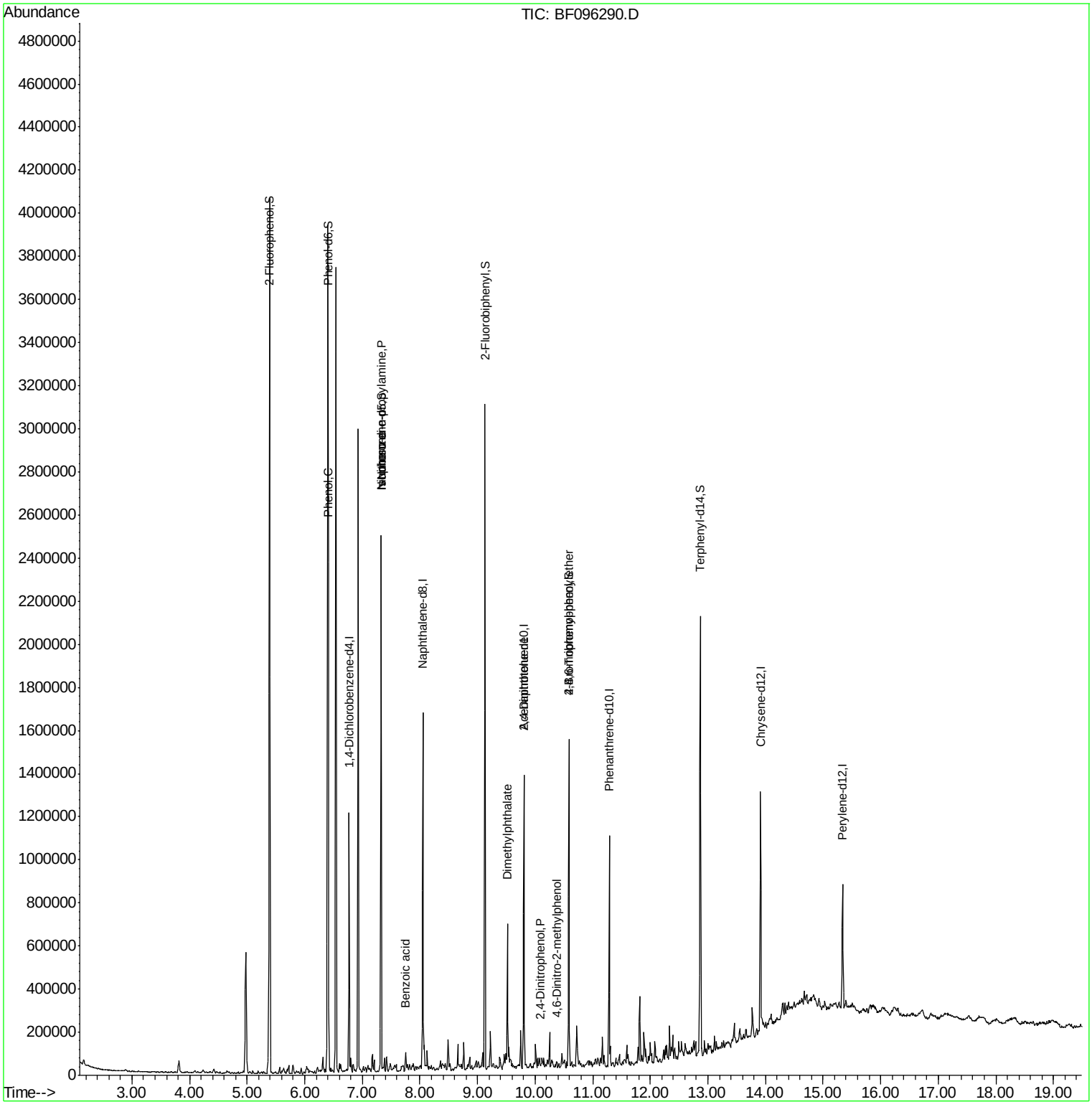
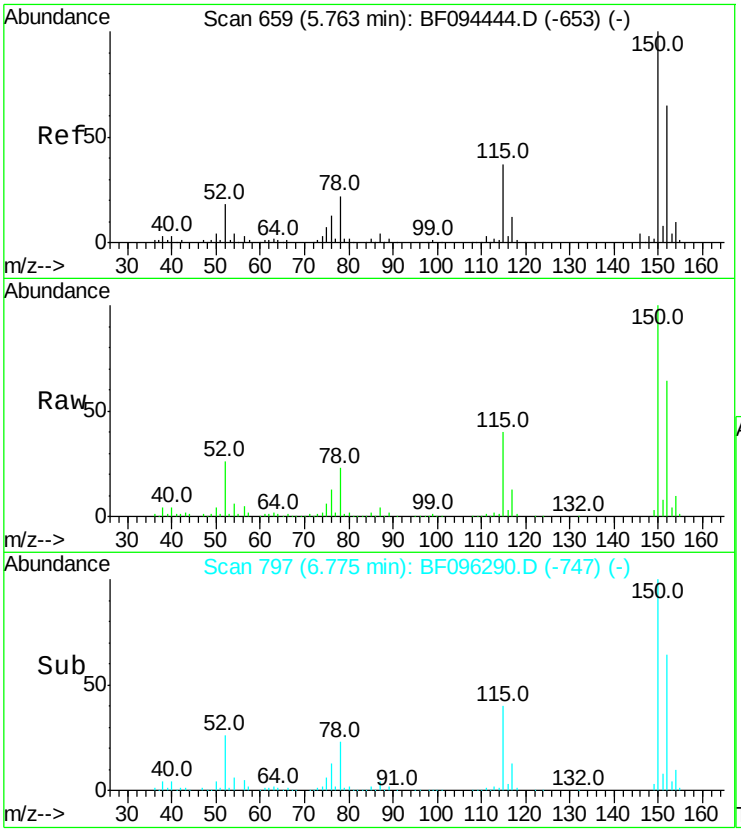
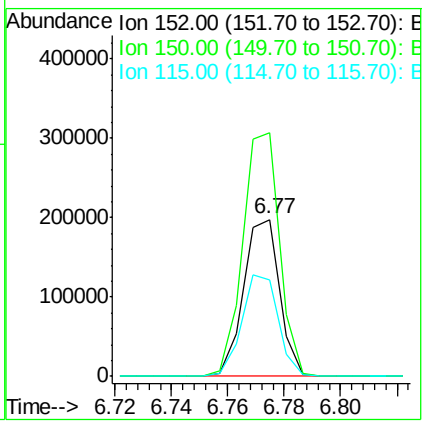




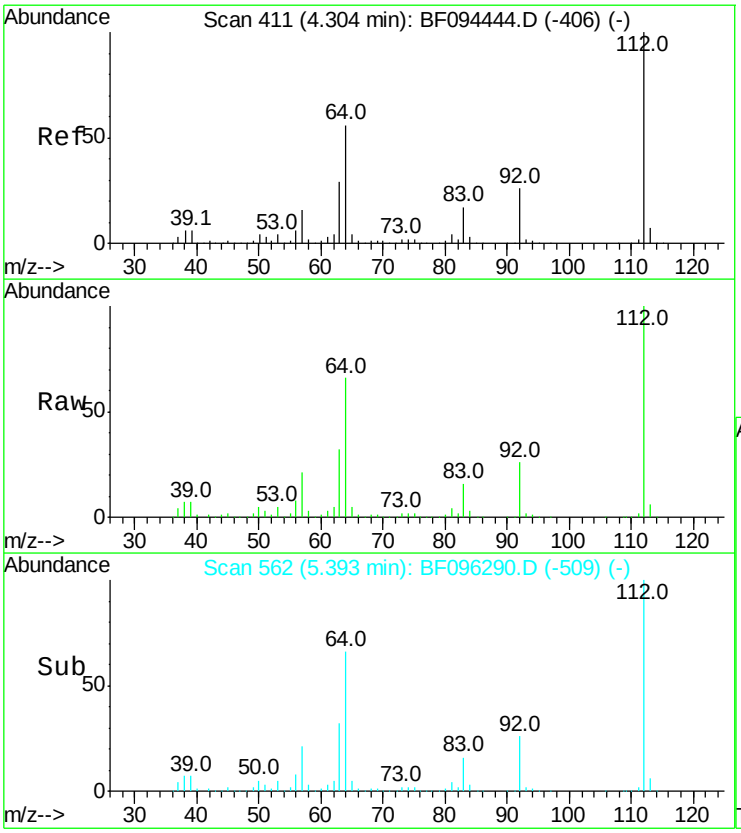
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:152 Resp: 175278

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	61.4	52.2	78.2



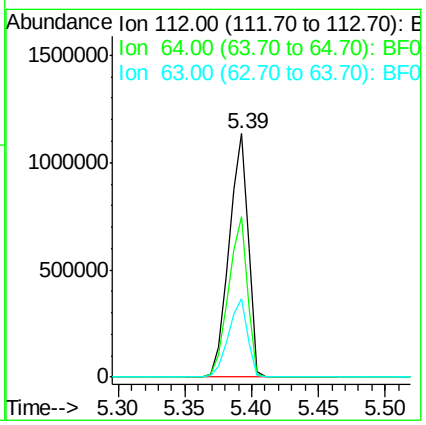
Instrument :
BNA_F
ClientSampleId :

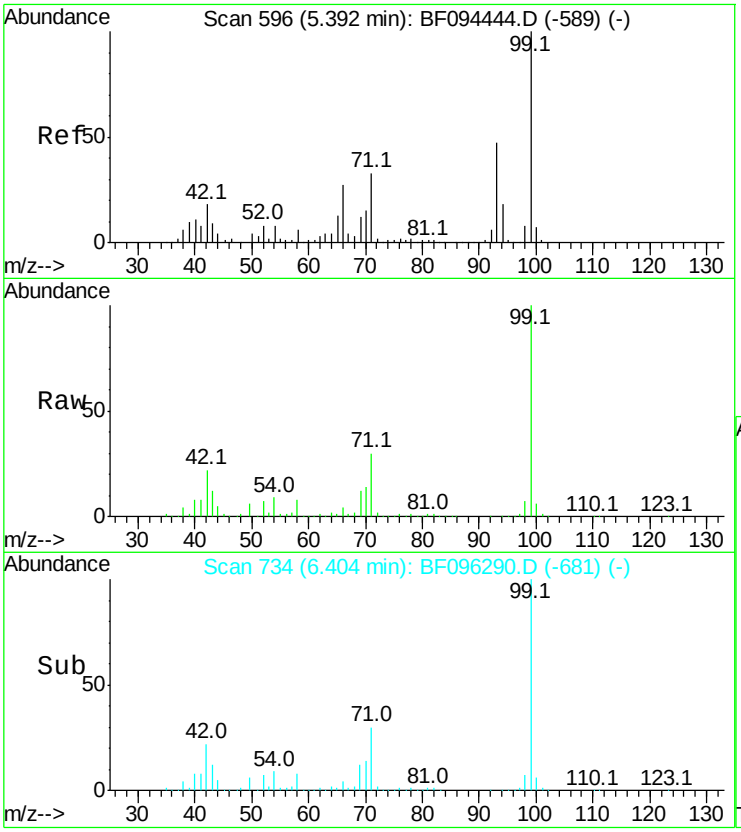


#5
2-Fluorophenol
Concen: 94.72 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:112 Resp: 1152416

Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	32.5	23.4	35.0



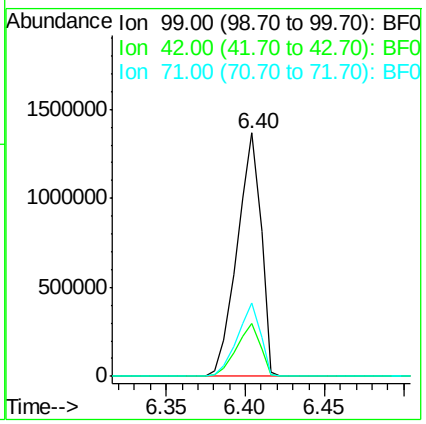


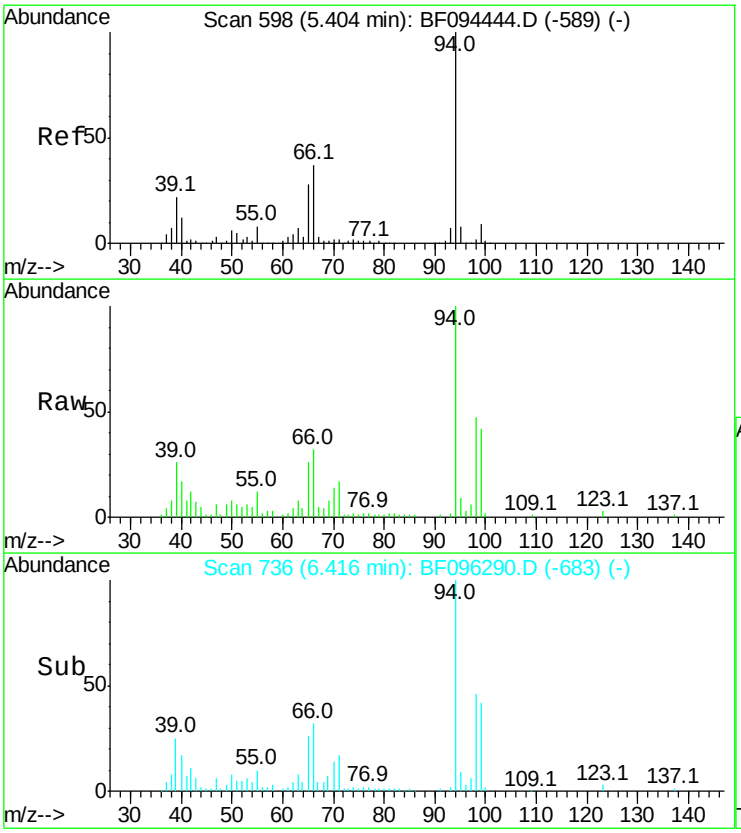
#7
Phenol-d6
Concen: 96.51 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1421716

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	30.1	24.5	36.7

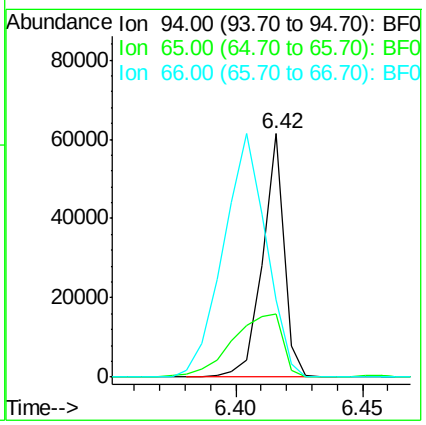


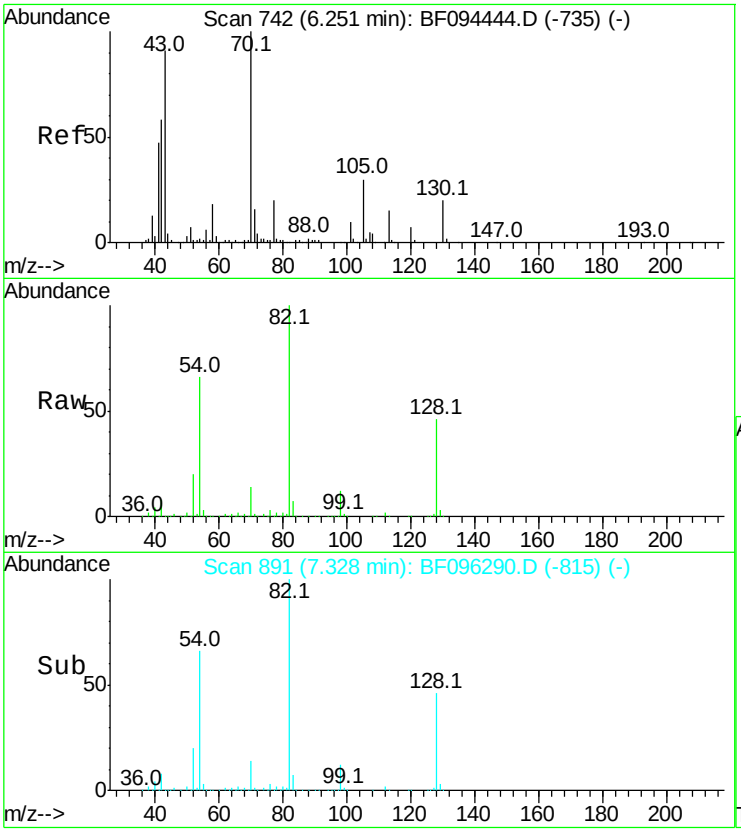


#10
Phenol
Concen: 2.26 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion: 94 Resp: 36564

Ion	Ratio	Lower	Upper
94	100		
65	26.1	9.9	49.9
66	31.6	23.1	63.1



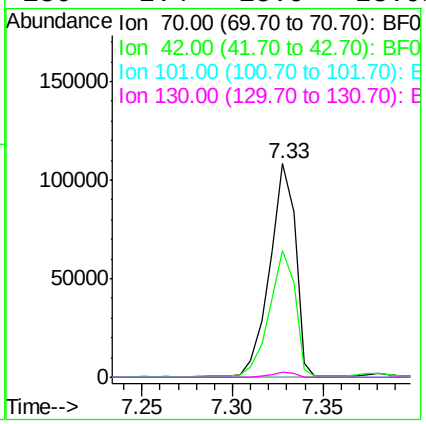


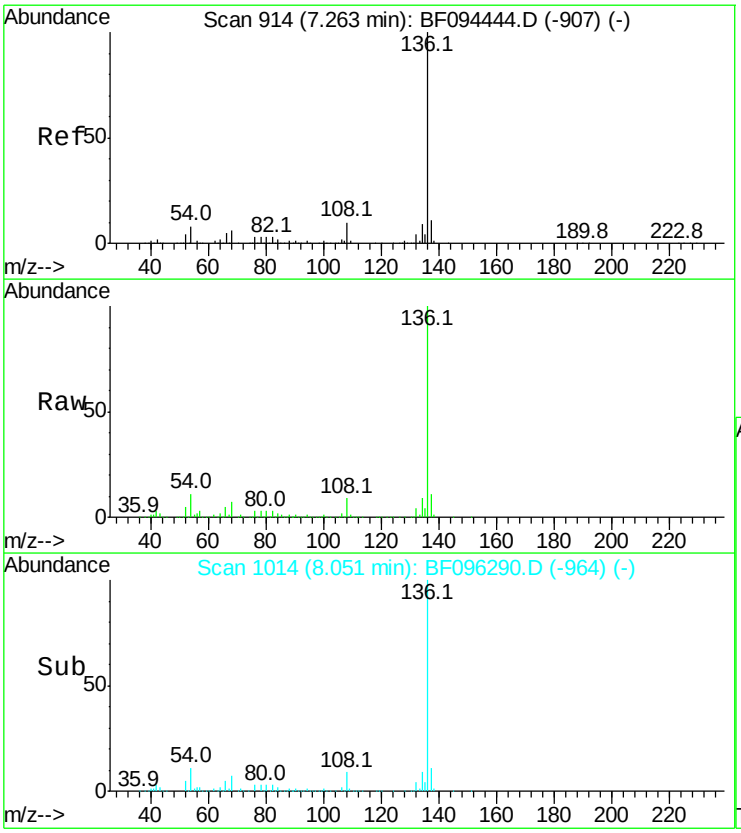
#19
n-Nitroso-di-n-propylamine
Concen: 12.25 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 108074

Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

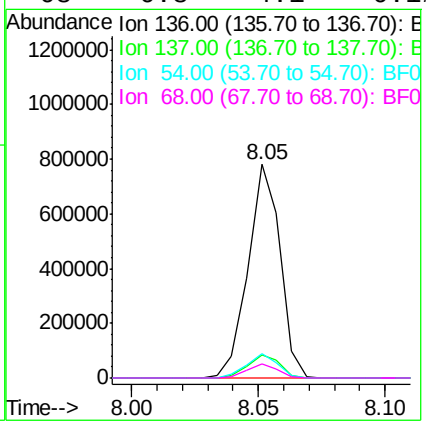


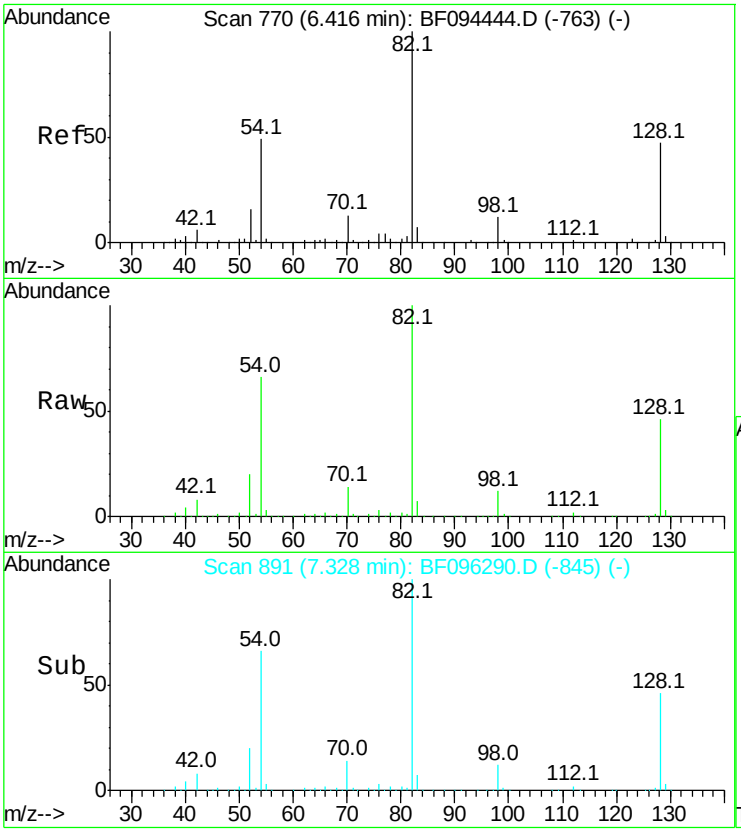


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:136 Resp: 683805

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.5	4.9	7.3#
68	6.8	4.1	6.1#



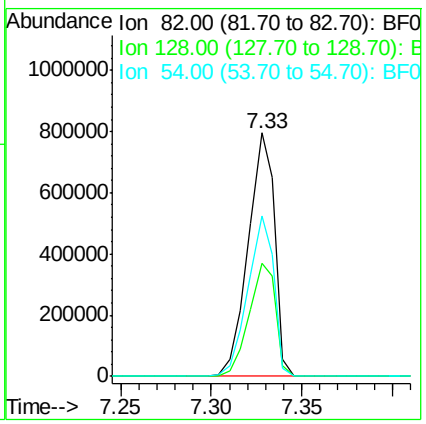


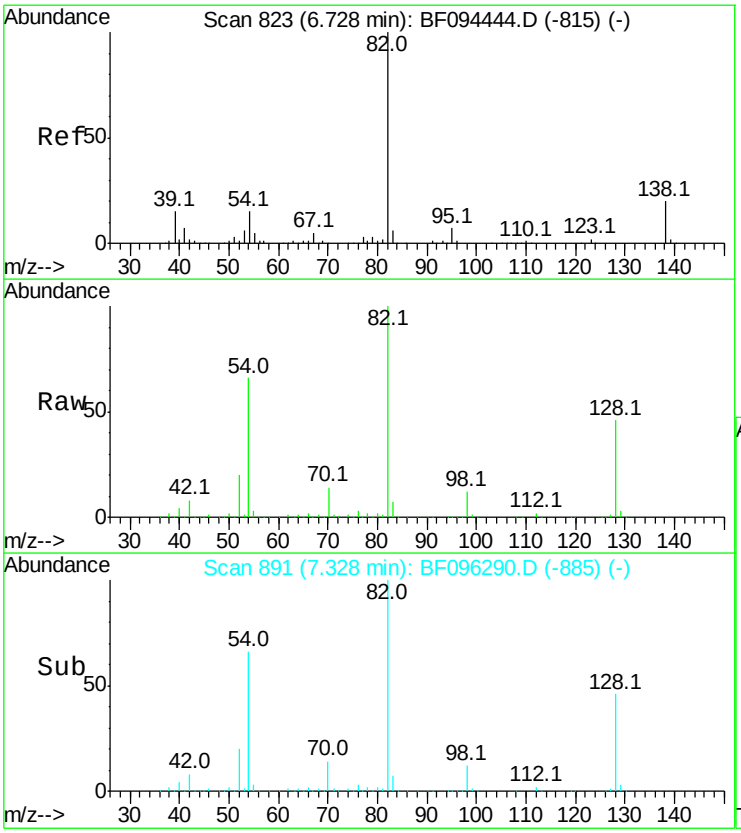
#23
Nitrobenzene-d5
Concen: 81.28 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 802902

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	65.9	42.2	63.2#

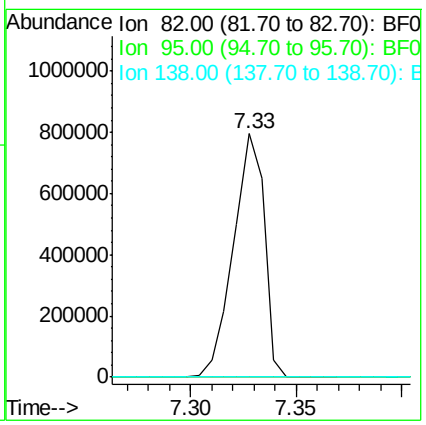


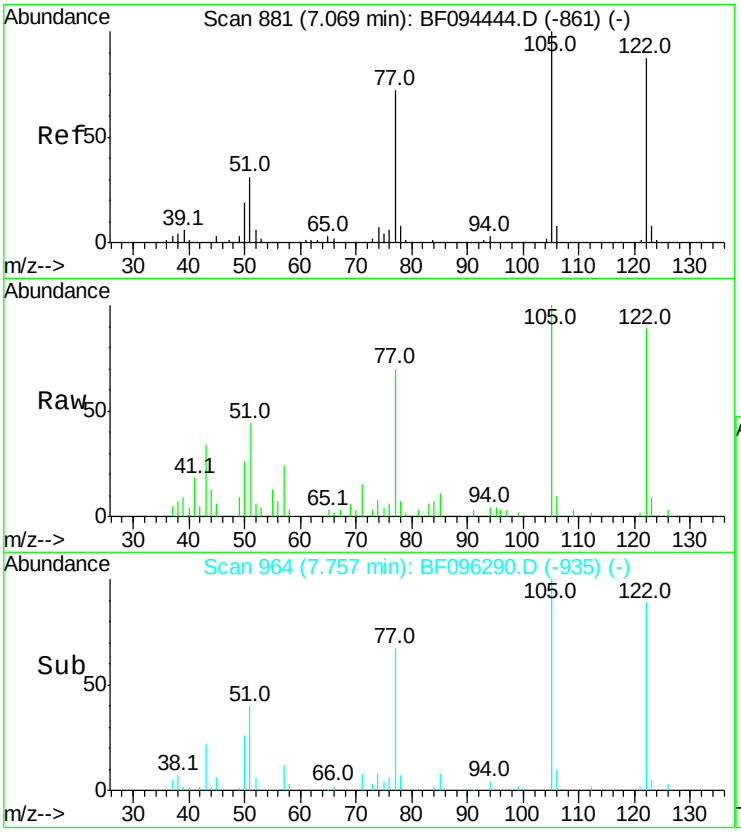


#25
Isophorone
Concen: 35.78 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion: 82 Resp: 802755

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



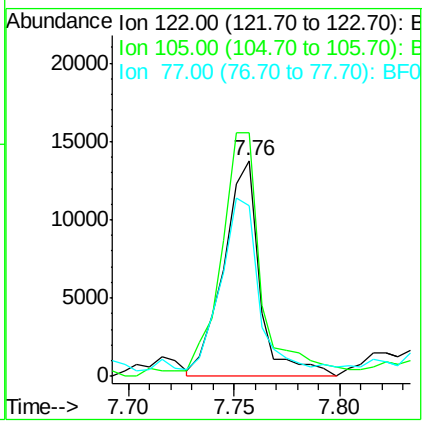


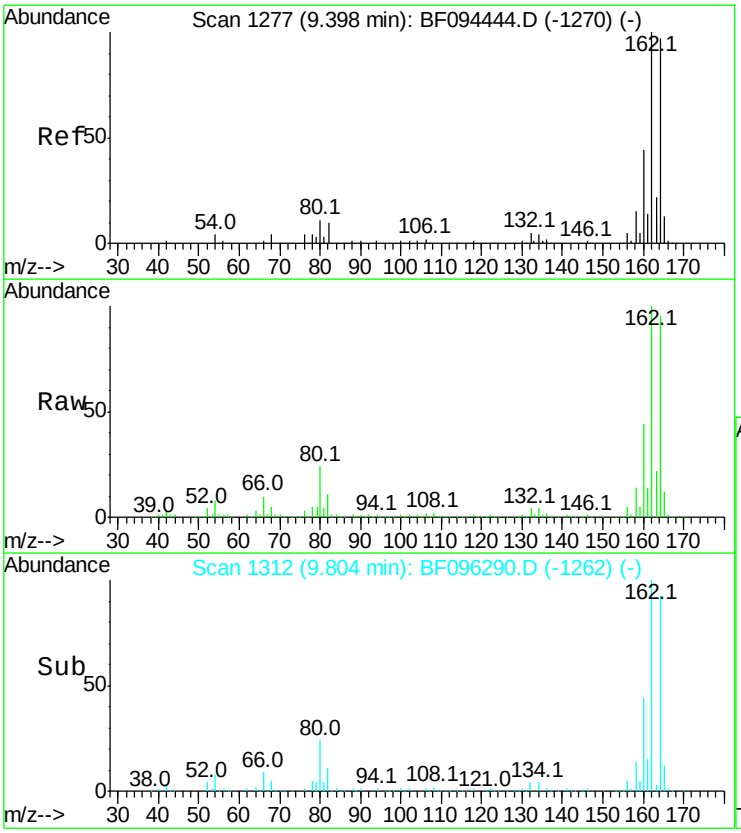
#32
Benzoic acid
Concen: 10.64 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.13 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 16297

Ion	Ratio	Lower	Upper
122	100		
105	113.0	103.3	143.3
77	79.0	73.7	113.7

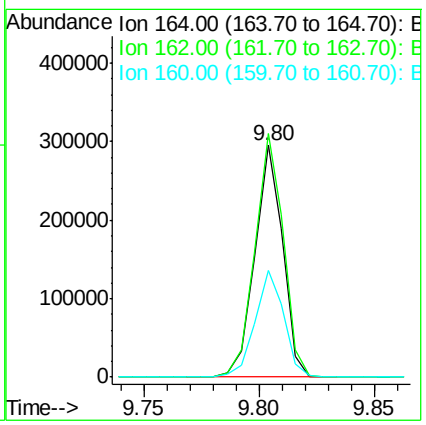


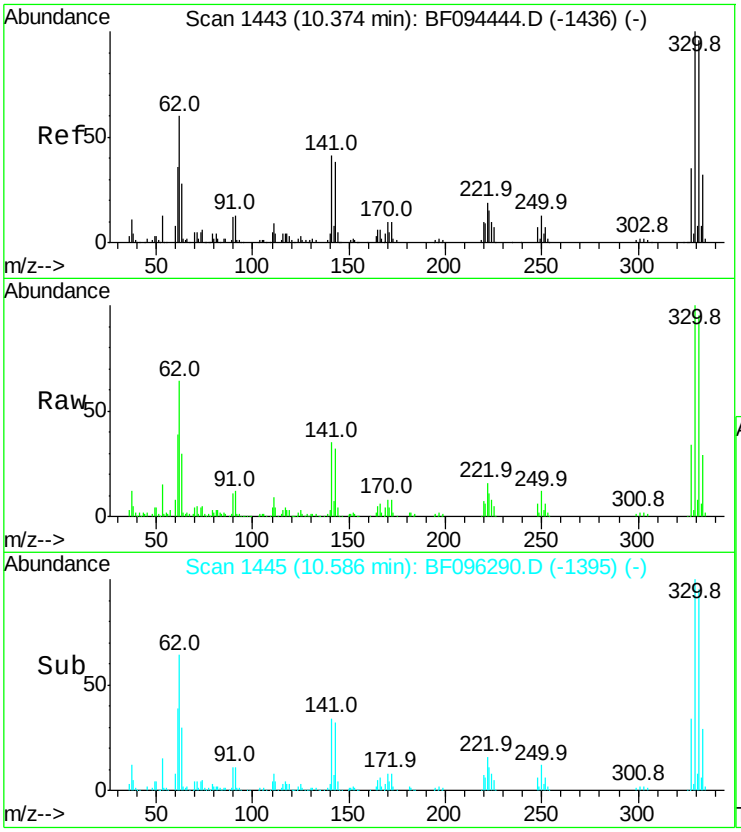


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:164 Resp: 248842

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.7	36.2	54.2



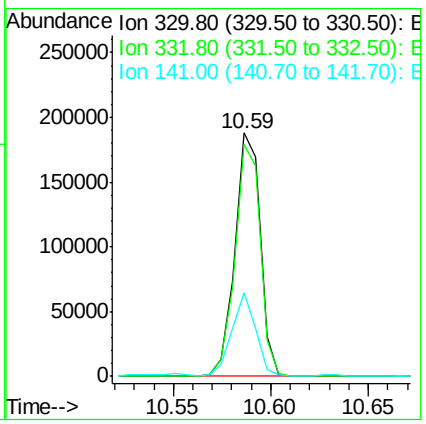


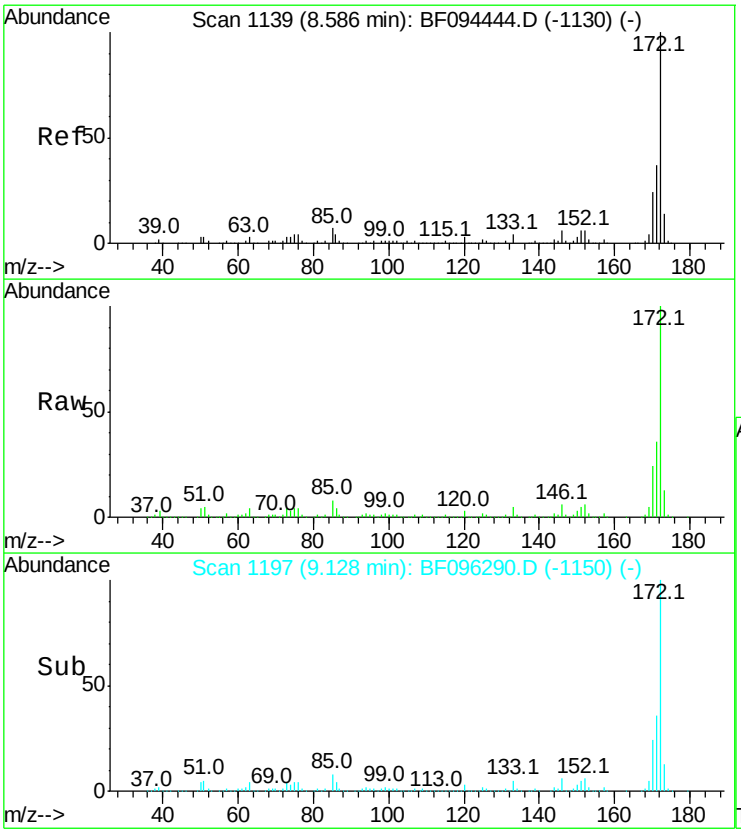
#41
2,4,6-Tribromophenol
Concen: 86.51 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169422

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	31.7	31.4	47.2

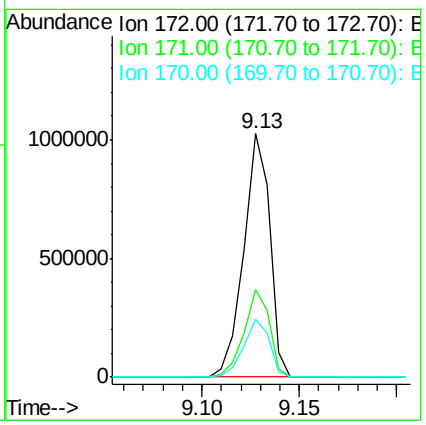


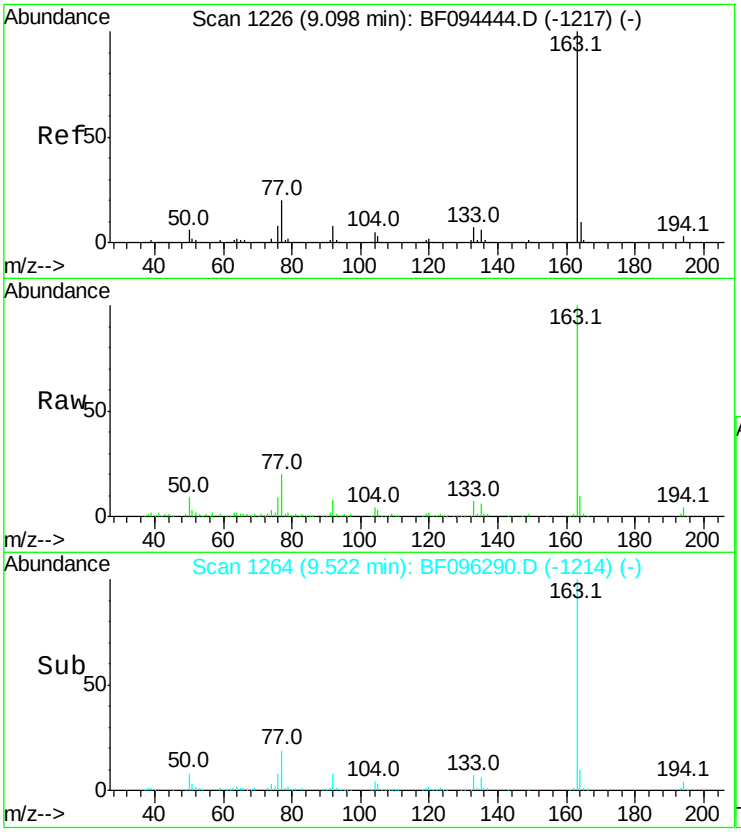


#44
2-Fluorobiphenyl
Concen: 70.05 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:172 Resp: 951779

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8



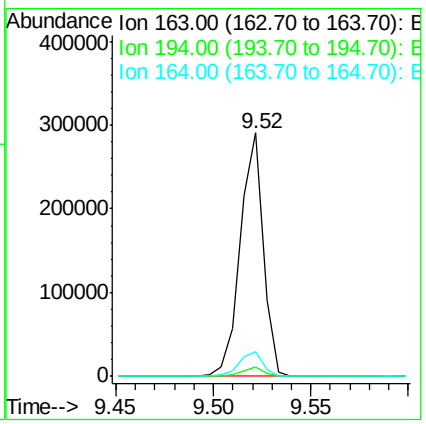


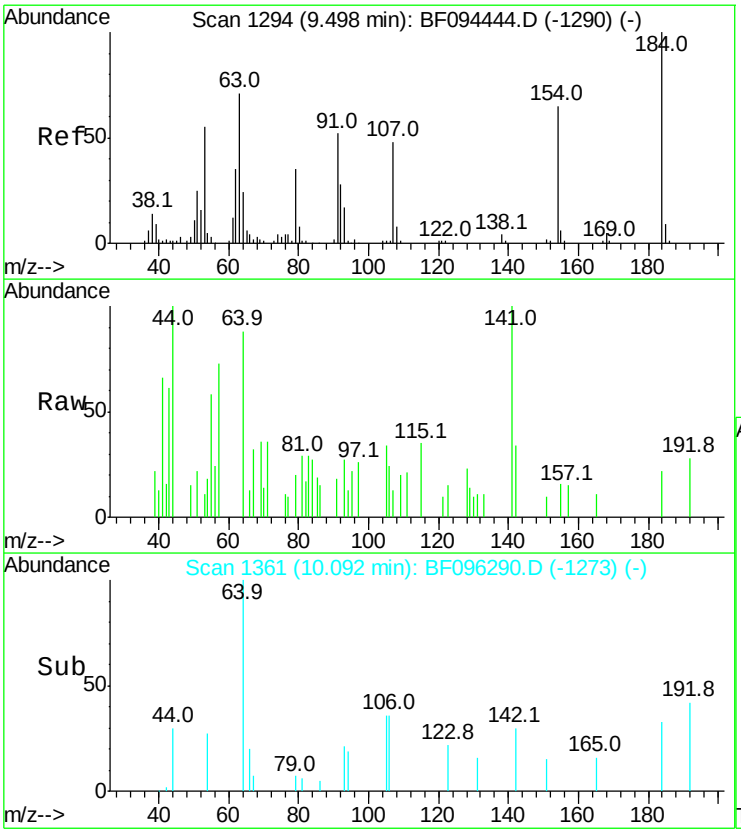
#49
Dimethylphthalate
Concen: 13.41 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 238858

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.4	8.4	12.6

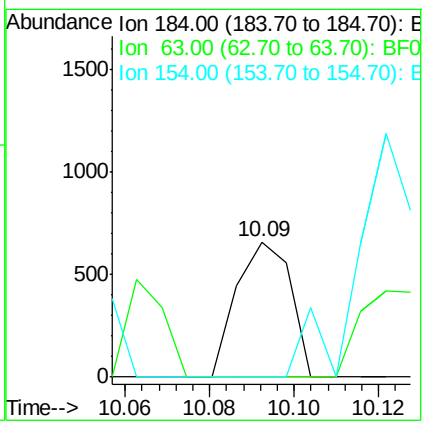


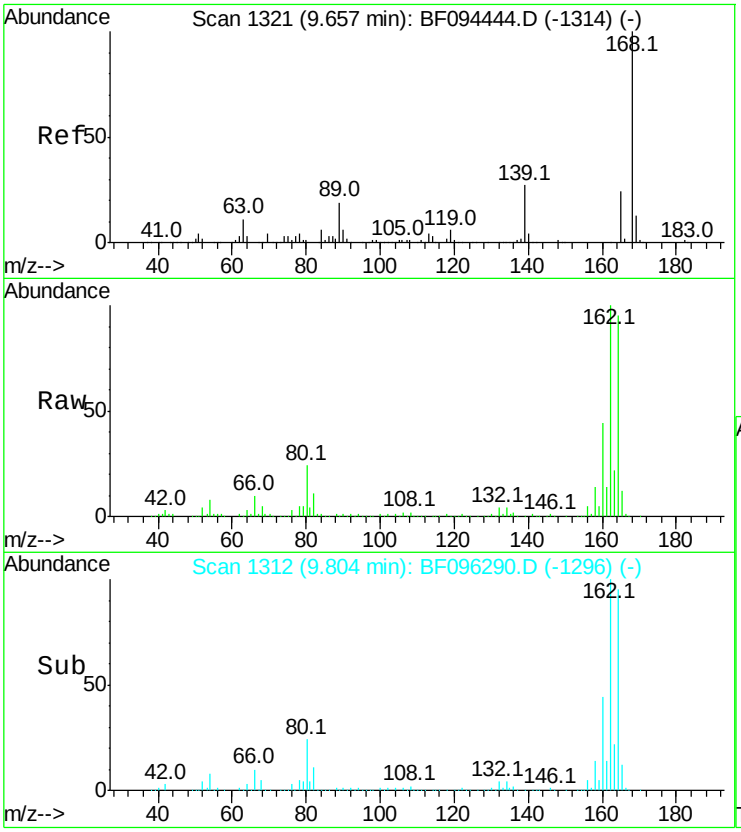


#53
2,4-Dinitrophenol
Concen: 8.03 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.22 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:184 Resp: 587

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



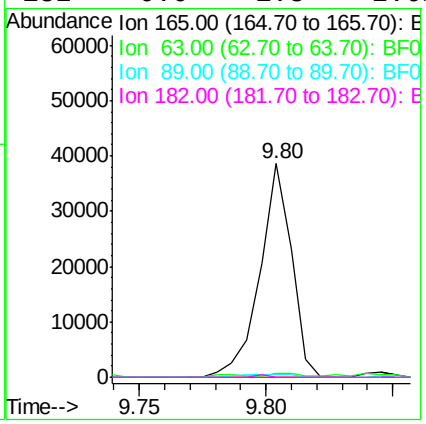


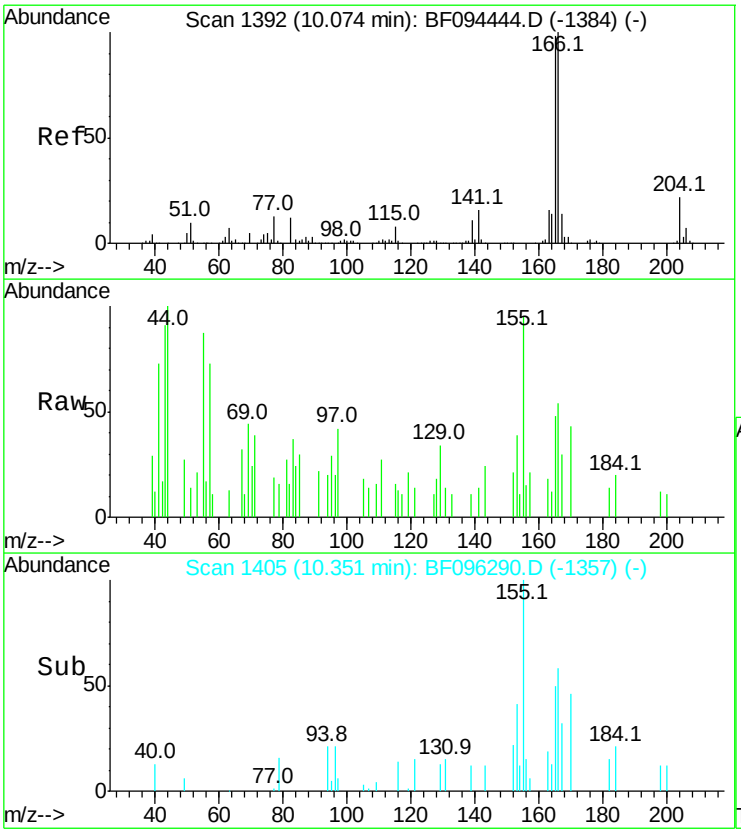
#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33733

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

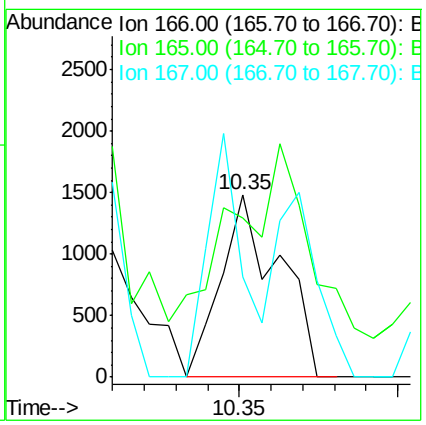


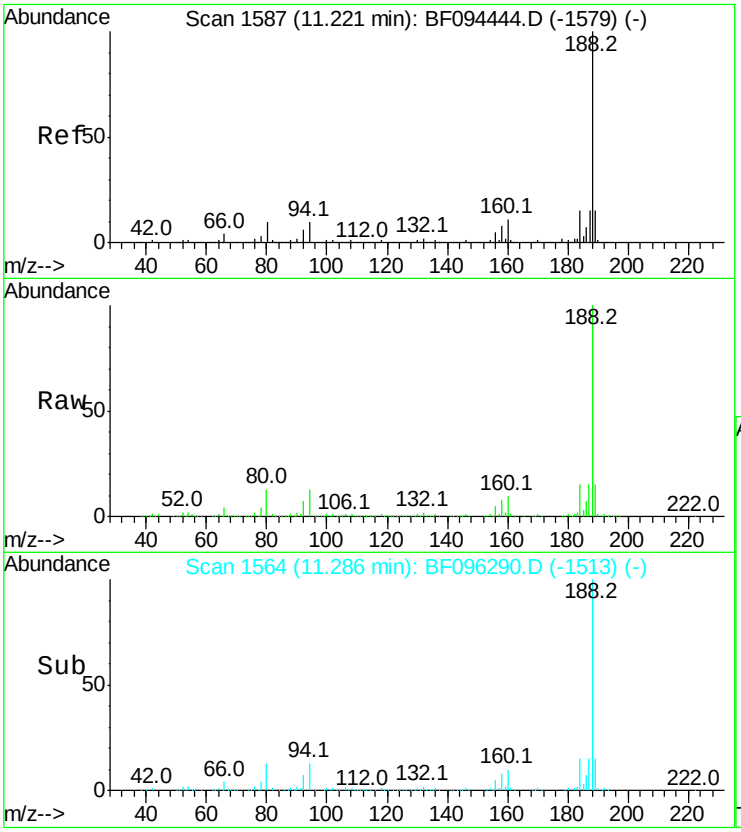


#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:166 Resp: 1889

Ion	Ratio	Lower	Upper
166	100		
165	87.4	78.8	118.2
167	54.9	10.6	16.0#



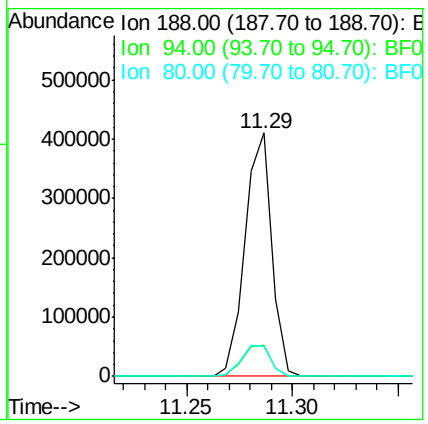


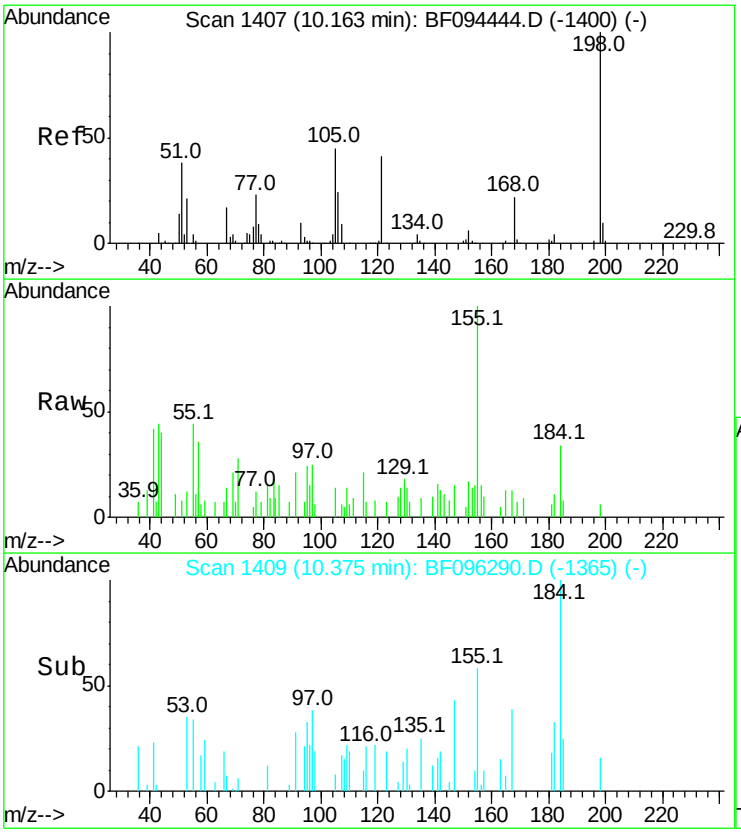
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 360917

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	12.5	10.2	15.2

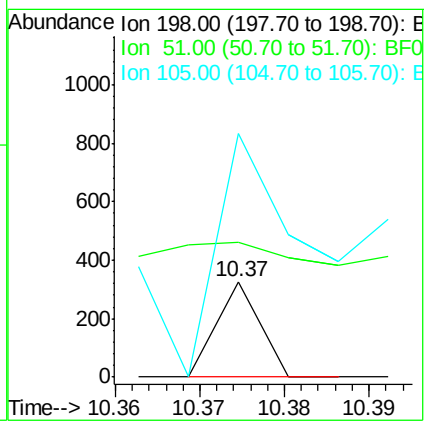


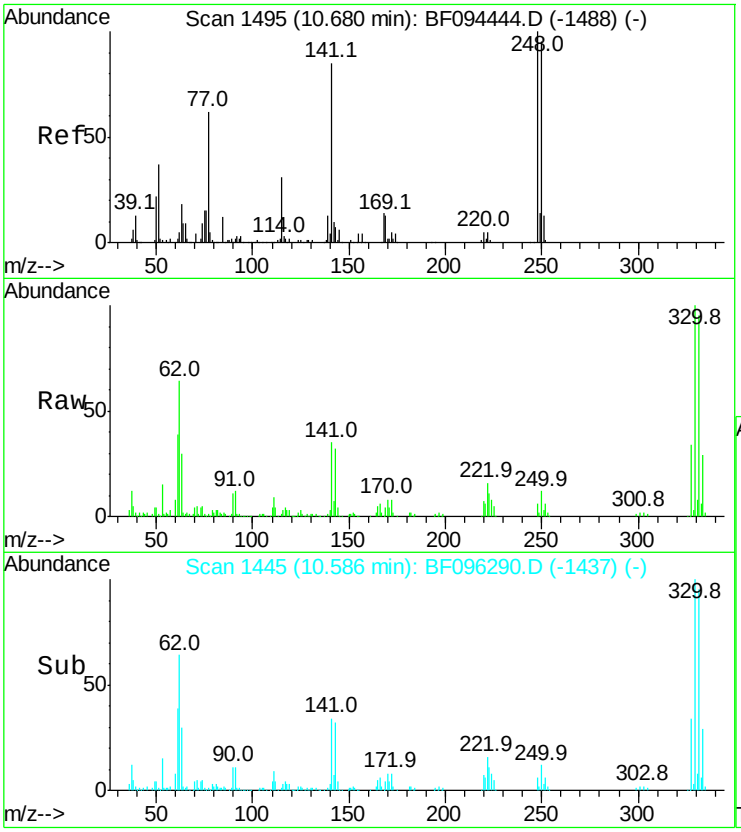


#64
4,6-Dinitro-2-methylphenol
Concen: 8.80 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.04 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:198 Resp: 115

Ion	Ratio	Lower	Upper
198	100		
51	141.7	53.2	93.2#
105	255.5	45.8	85.8#



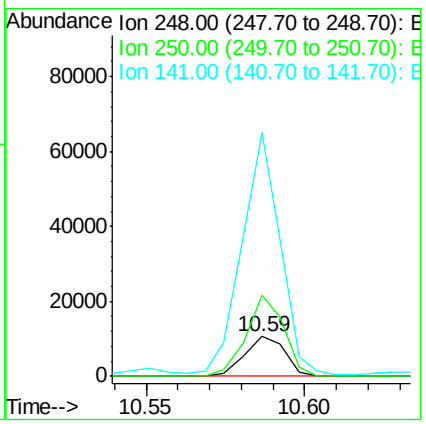


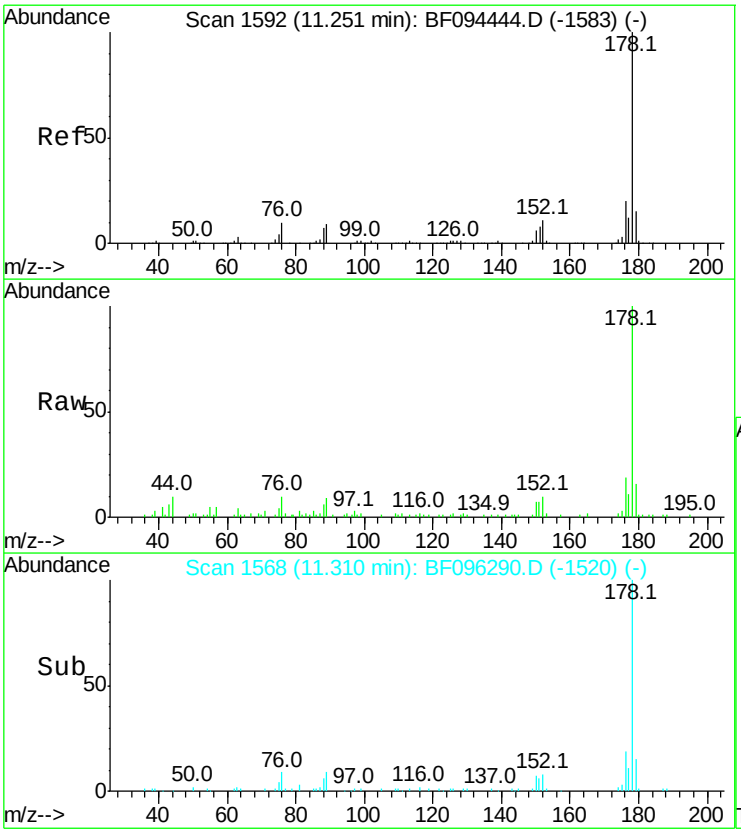
#66
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9333

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.8	115.2#
141	612.6	68.6	103.0#

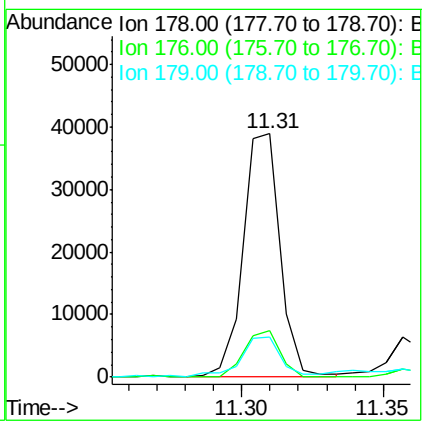


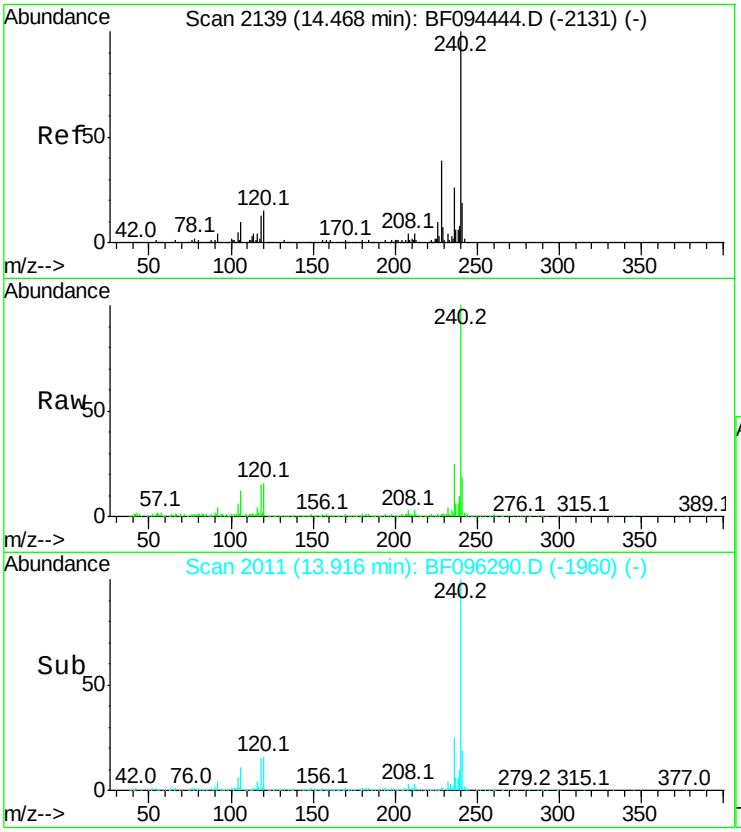


#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:178 Resp: 35393

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	16.2	12.6	19.0



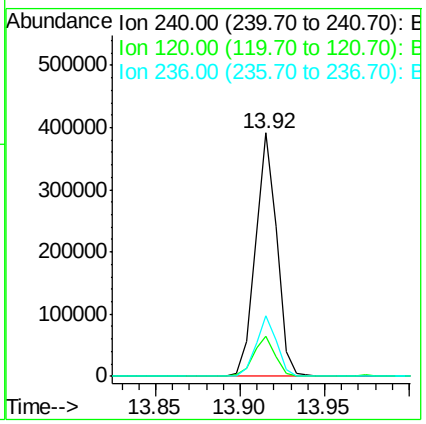


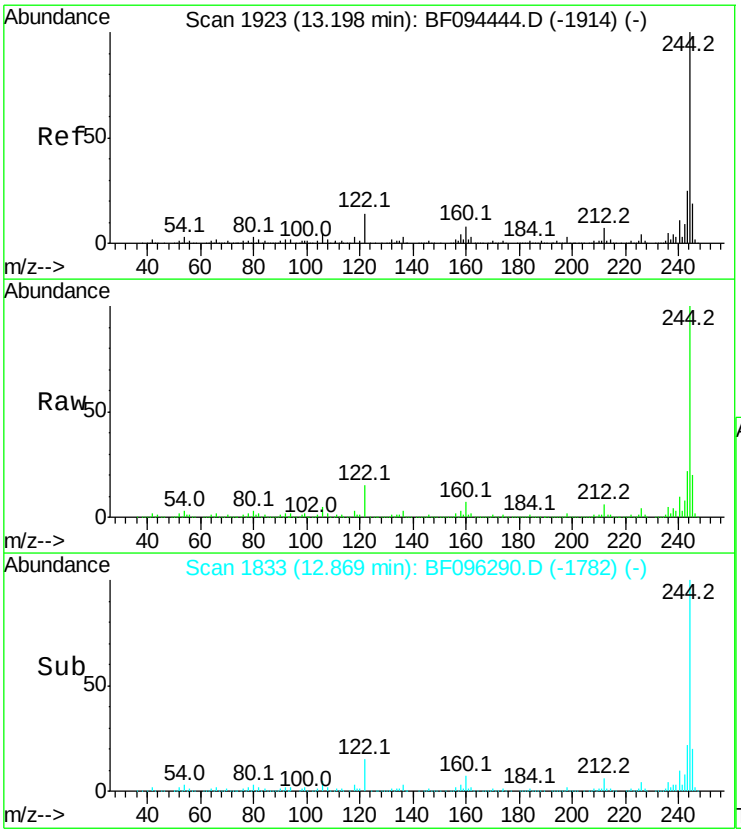
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 345914

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	24.7	20.5	30.7

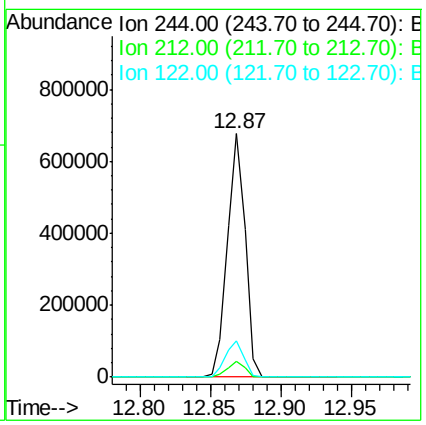


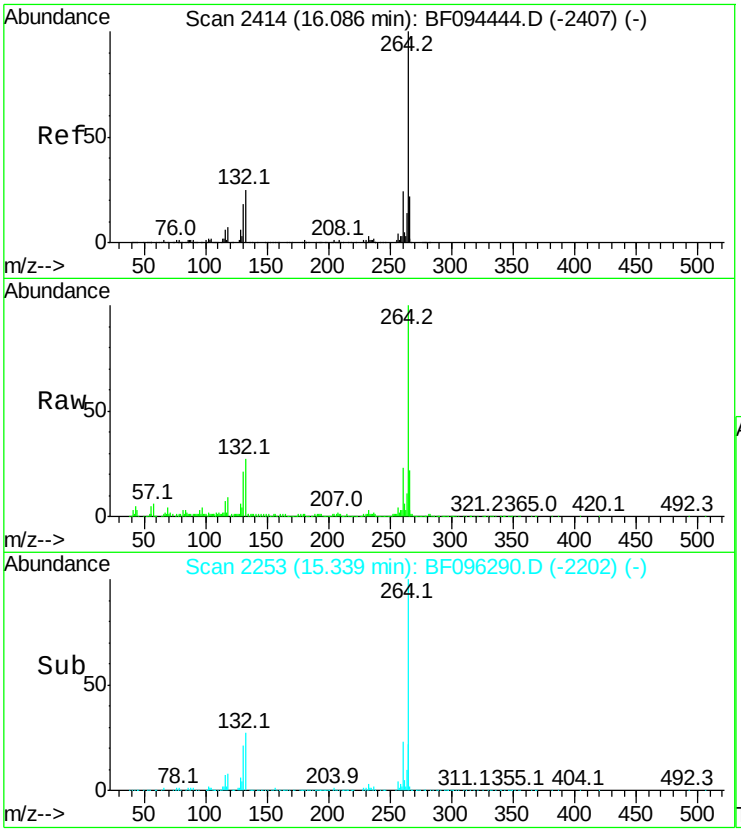


#78
Terphenyl-d14
Concen: 42.86 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Tgt Ion:244 Resp: 594182

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	14.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096290.D
Acq: 29 Jun 2017 14:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 259100

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8