Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094737.D
Acq On : 1 May 2017 2:52
Operator : SJ/MA
Sample : I2902-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 01 04:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108556	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	431299	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	204994	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	339895	20.00	ng		0.00
75) Chrysene-d12	14.47	240	229862	20.00	ng		0.00
86) Perylene-d12	16.09	264	213092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	413725	63.23	ng		0.02
7) Phenol-d6	5.40	99	327226	42.42	ng		0.00
23) Nitrobenzene-d5	6.42	82	657363	94.11	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	229067	142.86	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1260911	90.50	ng		0.00
78) Terphenyl-d14	13.19	244	840202	97.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	5.24	77	56244	9.58	ng	#	1
15) Benzyl Alcohol	5.94	79	14410	2.52	ng	#	51
18) Hexachloroethane	6.38	117	20996	7.38	ng	#	7
19) n-Nitroso-di-n-propylamine	6.42	70	86265	16.88	ng	#	76
27) 2,4-Dimethylphenol	6.91	122	13885	2.16	ng		99
31) Naphthalene	7.32	128	6833434	329.57	ng		97
33) 4-Chloroaniline	7.32	127	985416	114.24	ng	#	36
35) Caprolactam	7.88	113	734166	391.37	ng		89
37) 2-Methylnaphthalene	8.12	142	74455	5.25	ng		98
45) 1,1'-Biphenyl	8.70	154	253426	15.13	ng		98
48) Acenaphthylene	9.22	152	76143	3.67	ng	#	96
49) Dimethylphthalate	9.08	163	51217	3.35	ng		97
51) Acenaphthene	9.44	154	640065	51.48	ng		98
57) Fluorene	10.07	166	168472	11.97	ng		98
70) Phenanthrene	11.24	178	294138	15.37	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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Acq On : 1 May 2017 2:52
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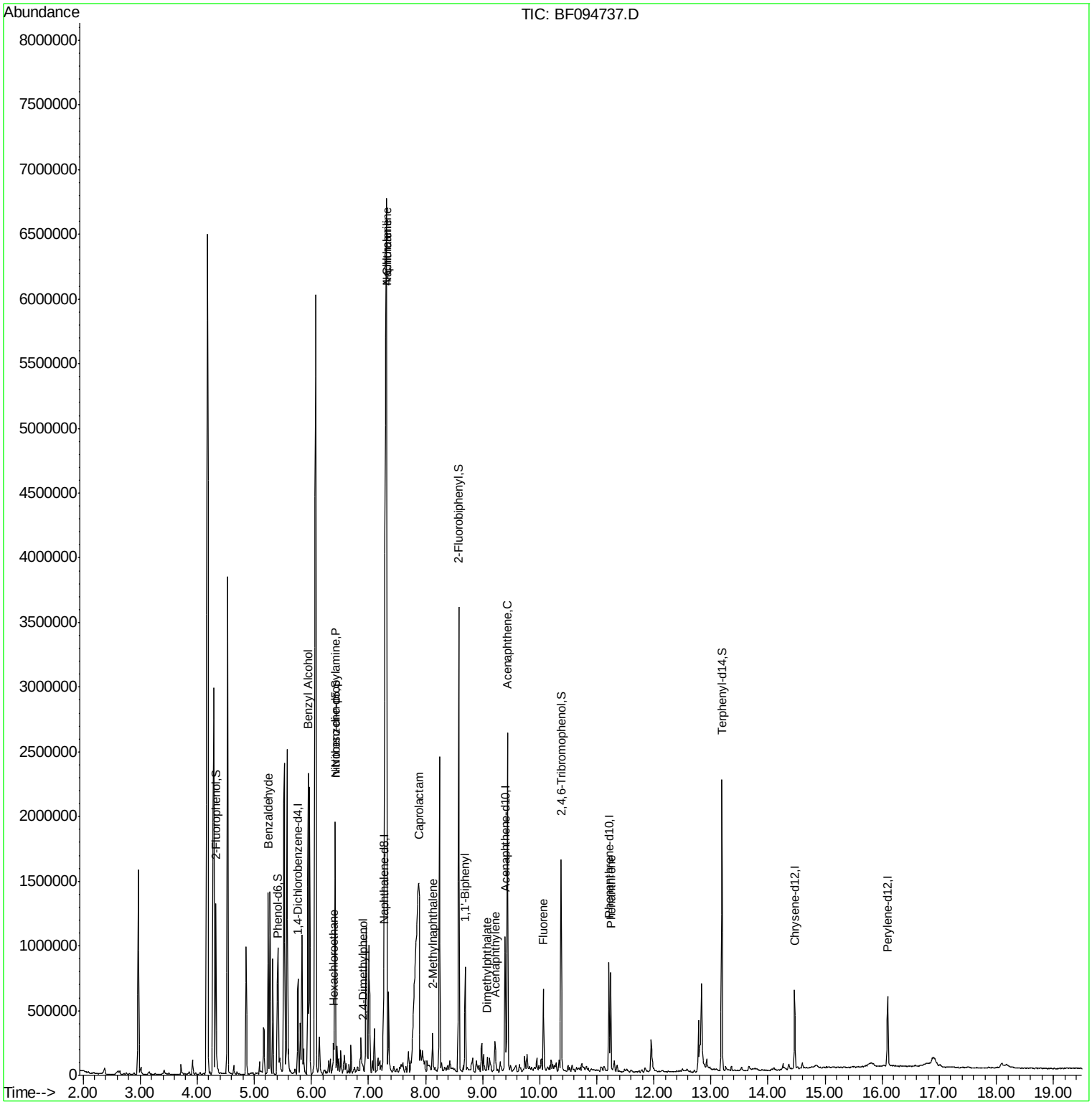
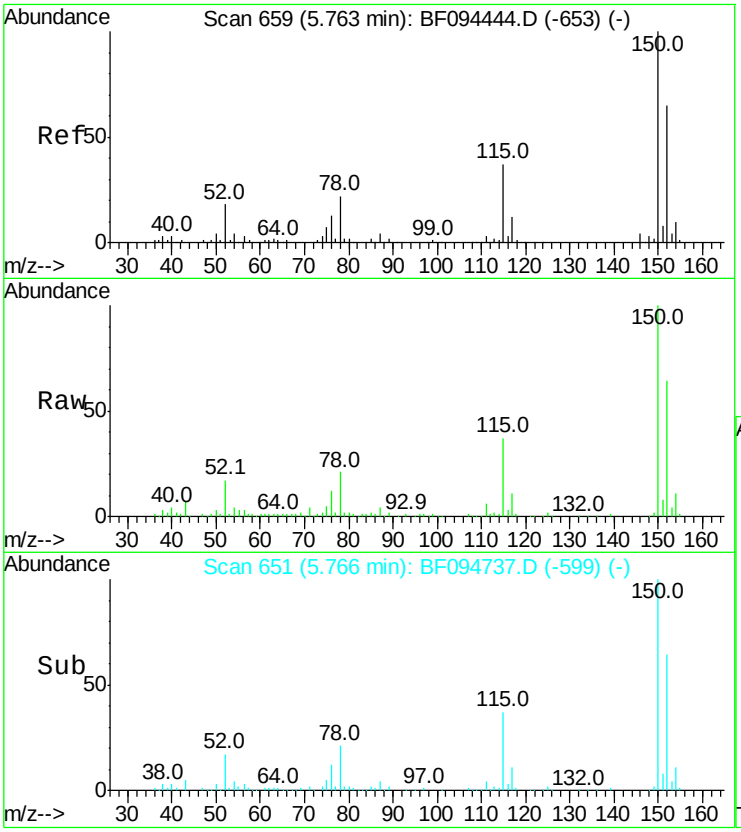
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 04:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



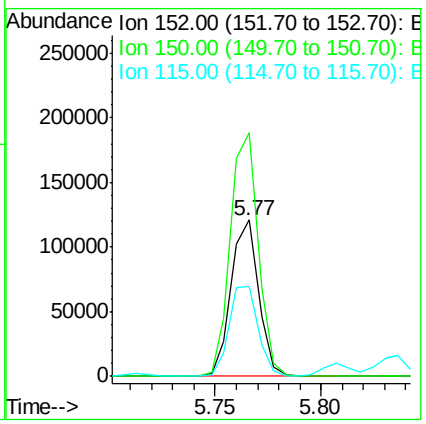


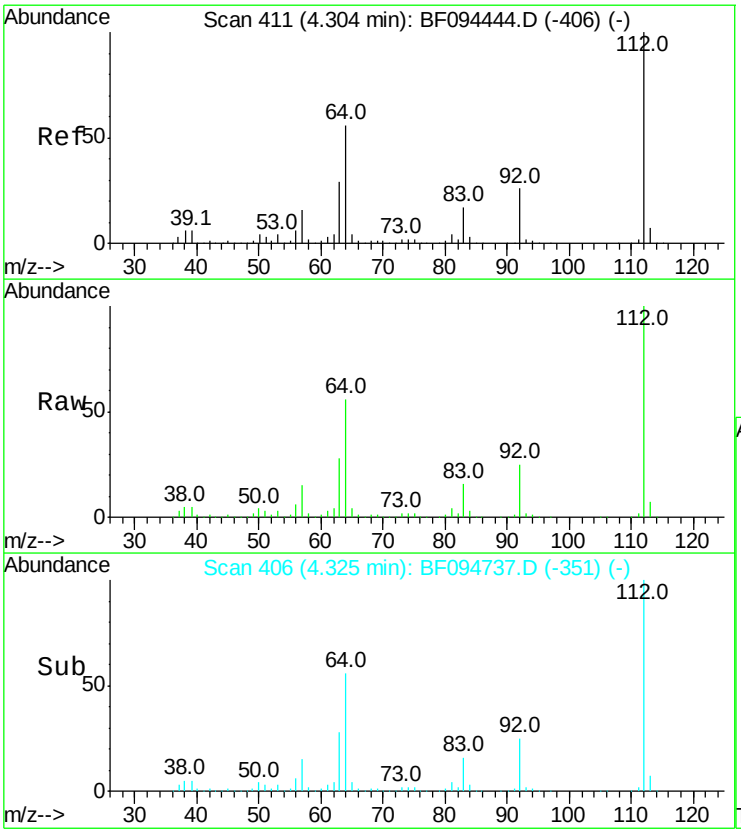
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108556

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	57.8	52.2	78.2

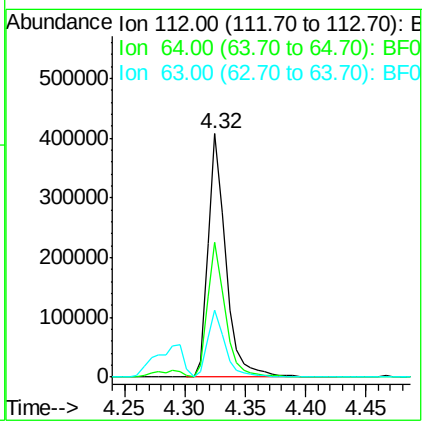


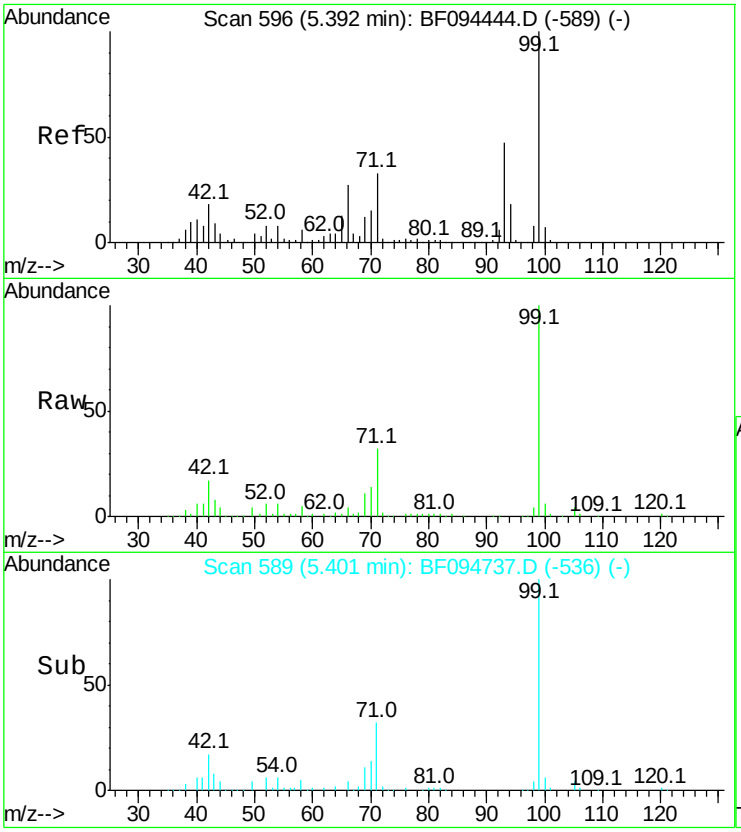


#5
2-Fluorophenol
Concen: 63.23 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:112 Resp: 413725

Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.6	23.4	35.0



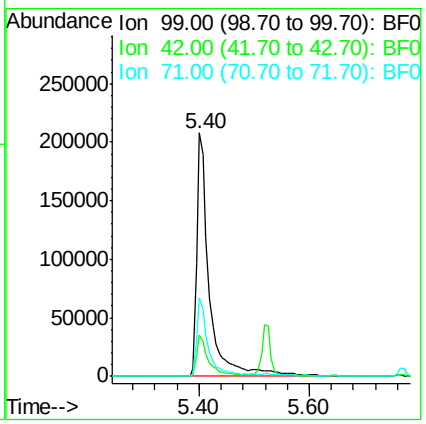


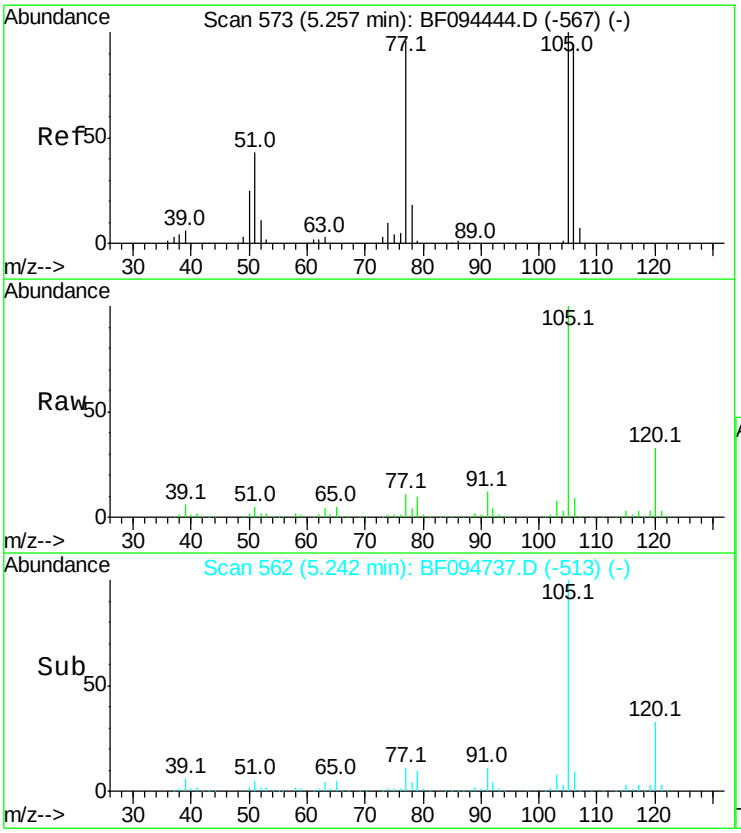
#7
Phenol-d6
Concen: 42.42 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 327226

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.4	24.5	36.7

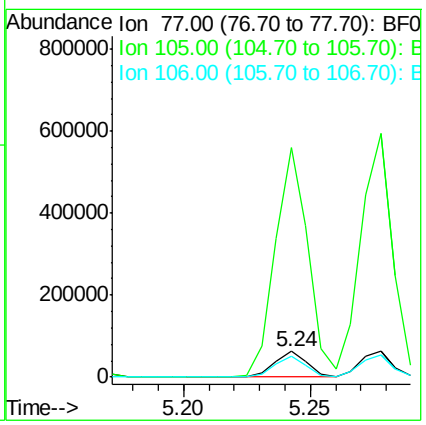


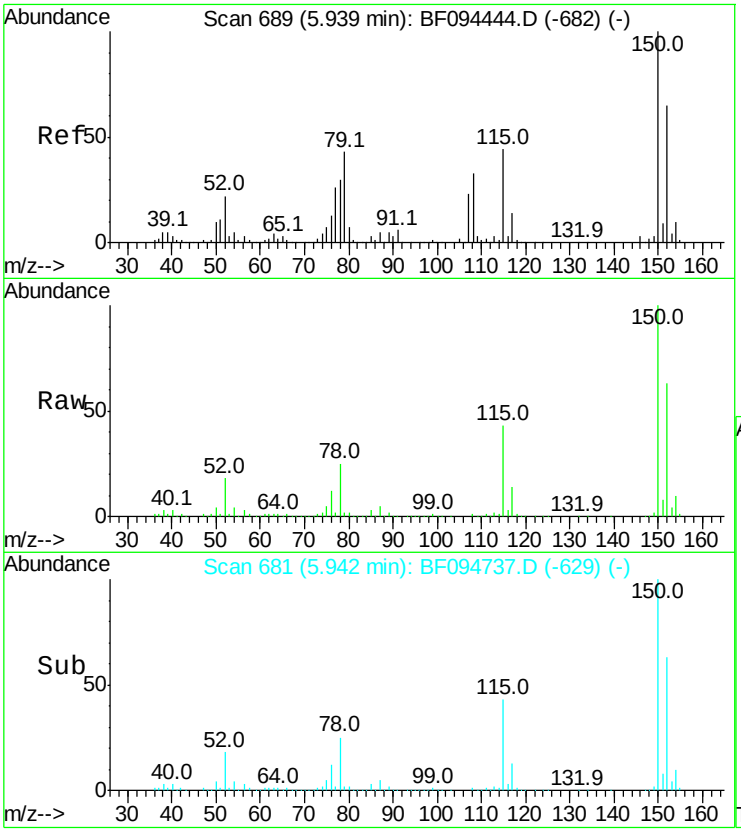


#9
Benzaldehyde
Concen: 9.58 ng
RT: 5.24 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion: 77 Resp: 56244

Ion	Ratio	Lower	Upper
77	100		
105	898.3	83.8	123.8#
106	83.7	79.1	119.1



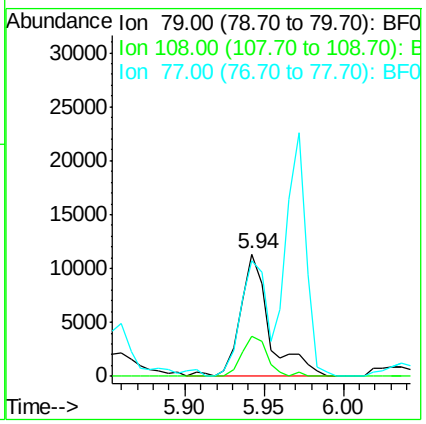


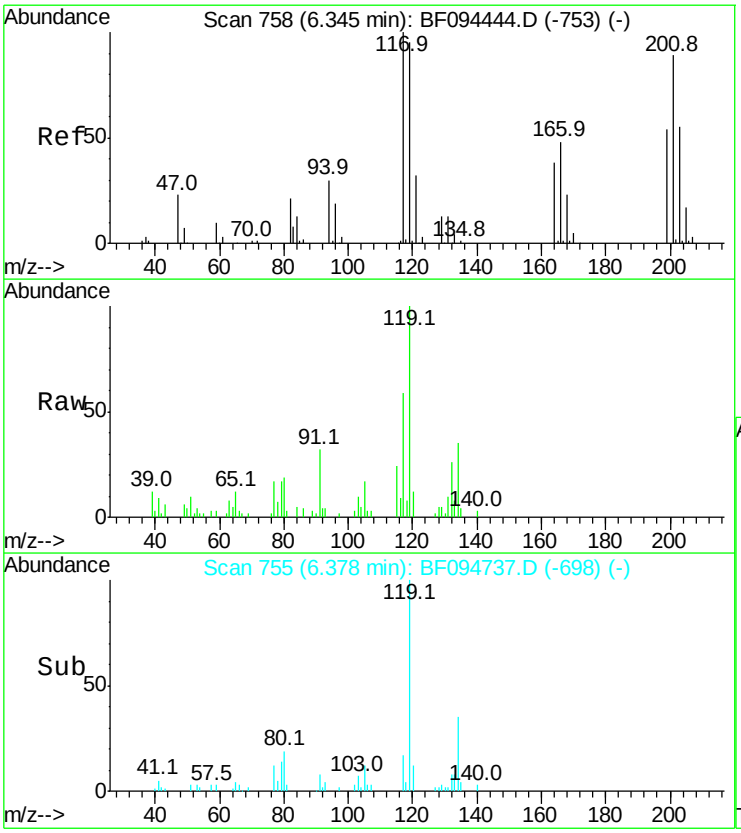
#15
Benzyl Alcohol
Concen: 2.52 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 14410

Ion	Ratio	Lower	Upper
79	100		
108	32.9	63.4	95.0#
77	94.9	49.2	73.8#

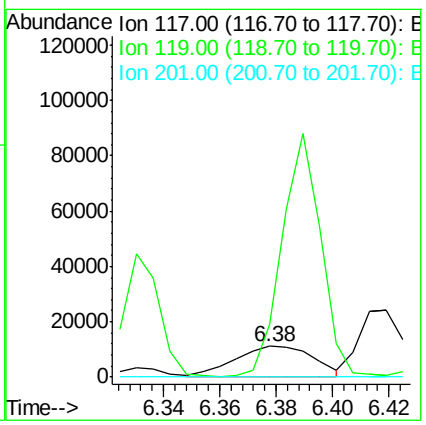


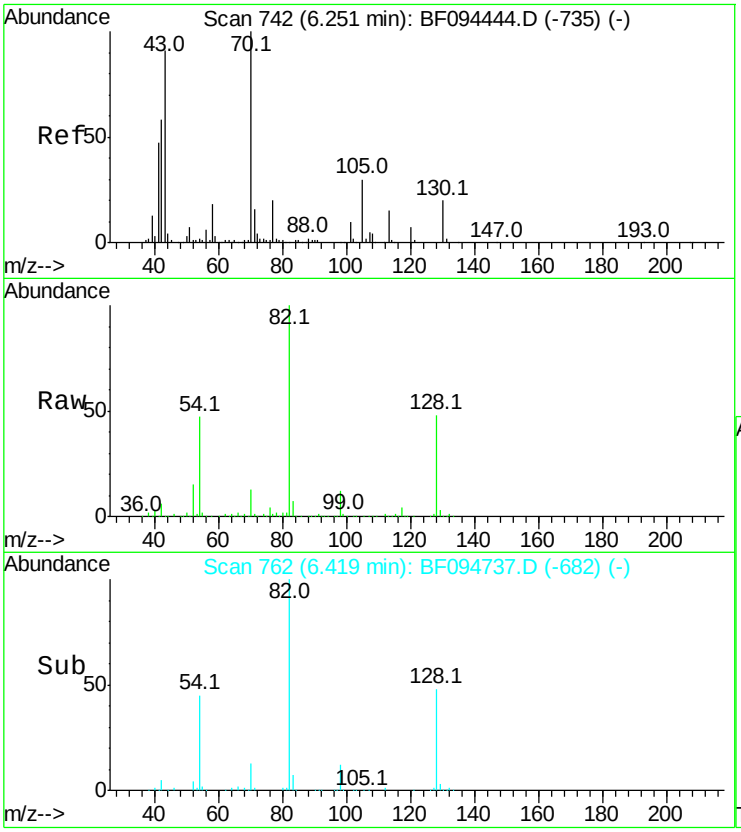


#18
Hexachloroethane
Concen: 7.38 ng
RT: 6.38 min Scan# 755
Delta R.T. 0.03 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:117 Resp: 20996

Ion	Ratio	Lower	Upper
117	100		
119	170.2	77.4	116.0#
201	0.0	94.6	141.8#



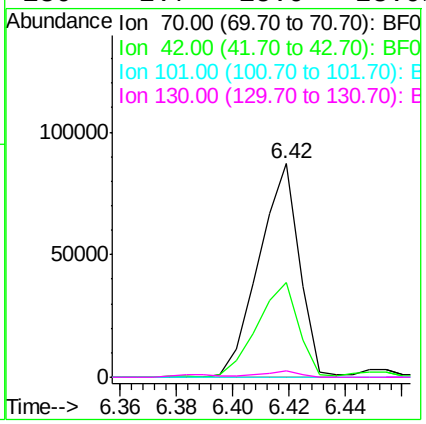


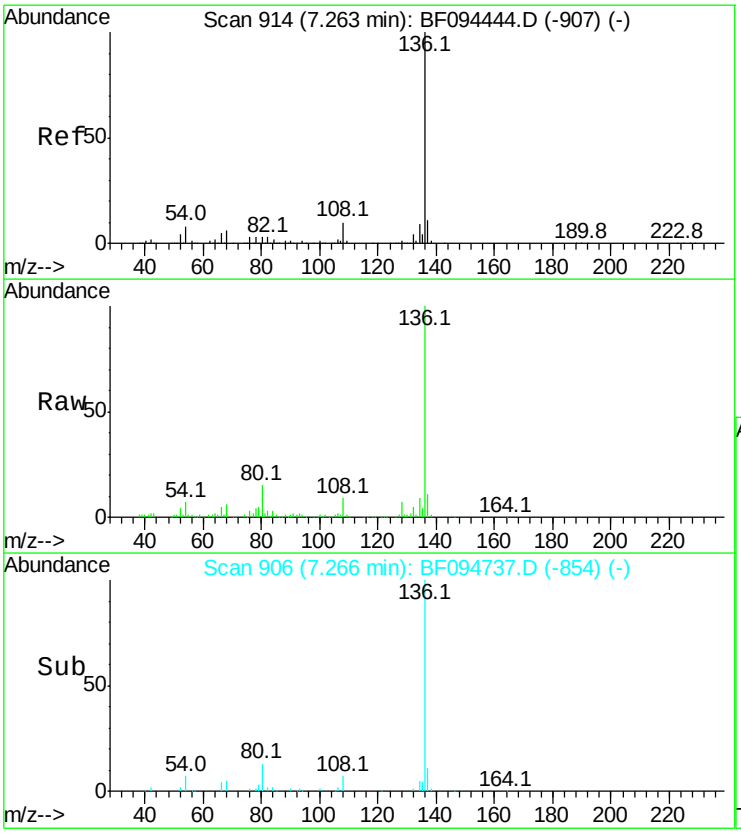
#19
n-Nitroso-di-n-propylamine
Concen: 16.88 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 86265

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

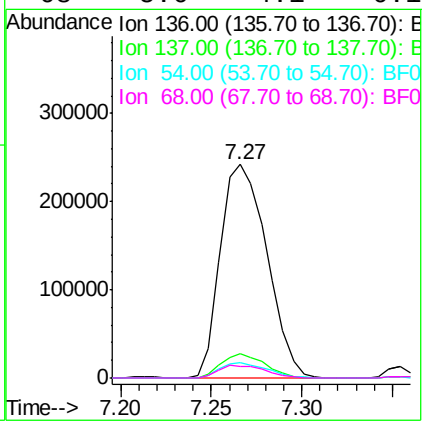


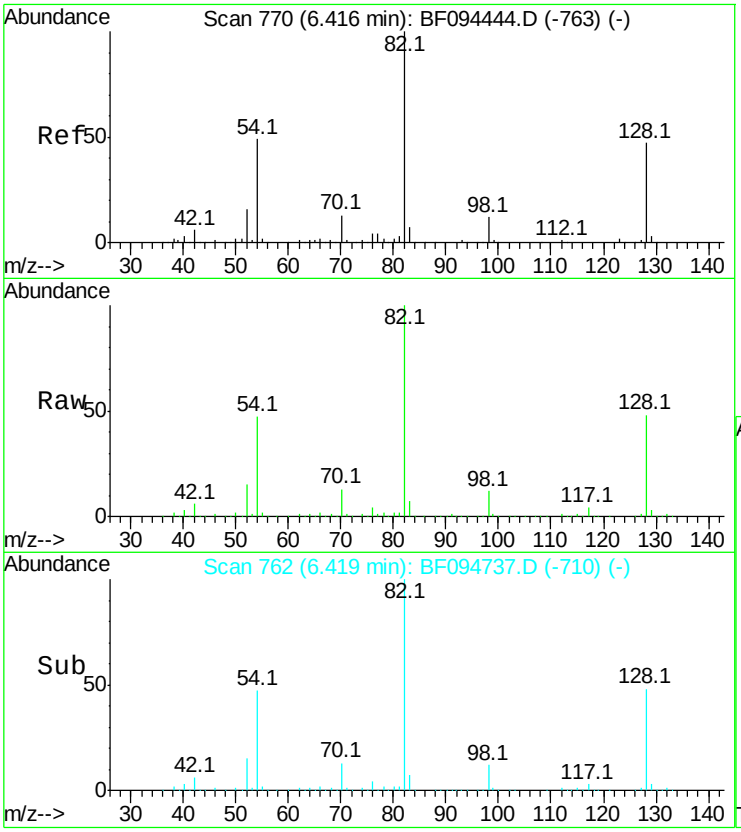


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:136 Resp: 431299

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1



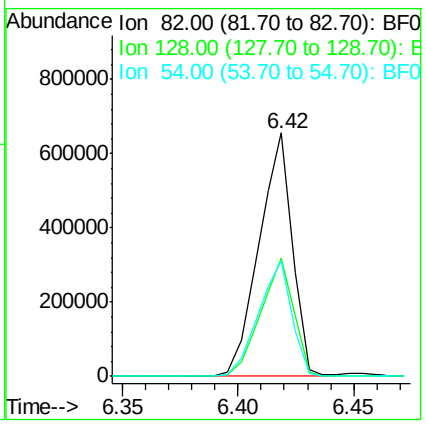


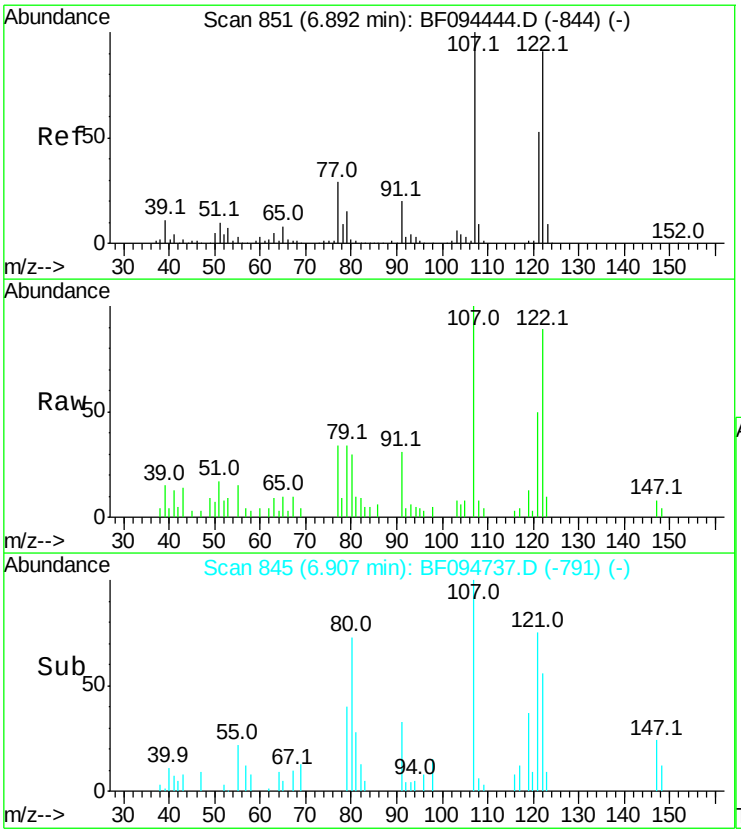
#23
Nitrobenzene-d5
Concen: 94.11 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 657363

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	47.4	42.2	63.2

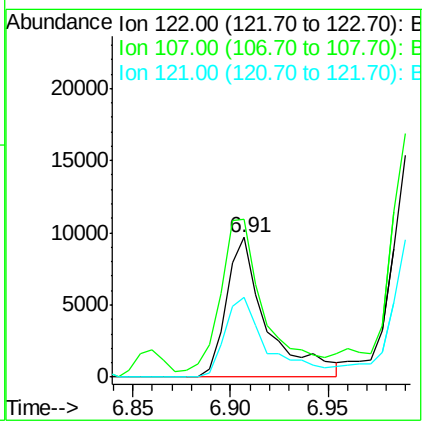


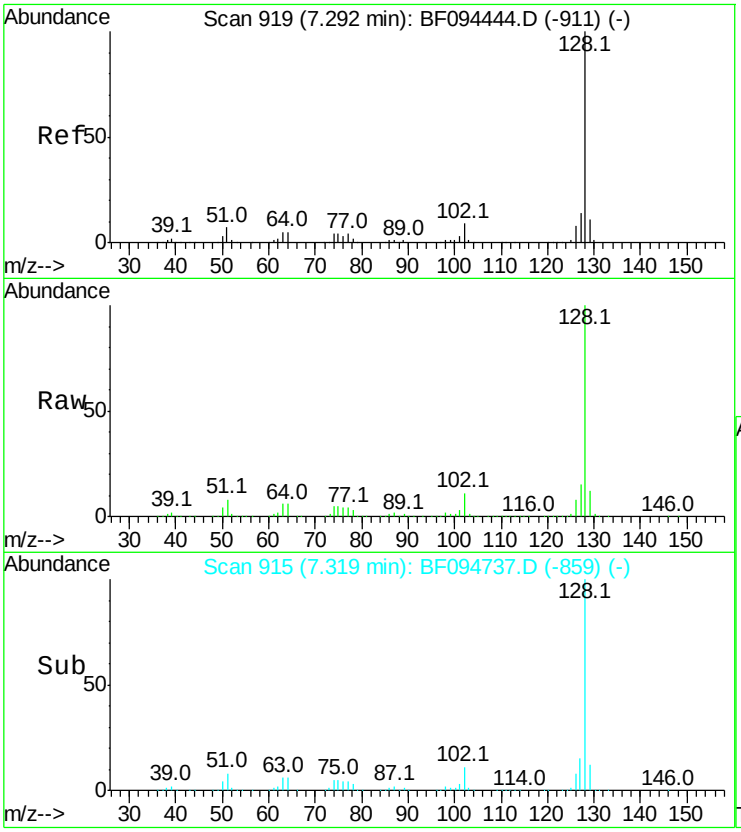


#27
2,4-Dimethylphenol
Concen: 2.16 ng
RT: 6.91 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:122 Resp: 13885

Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.2	133.8
121	56.8	45.2	67.8



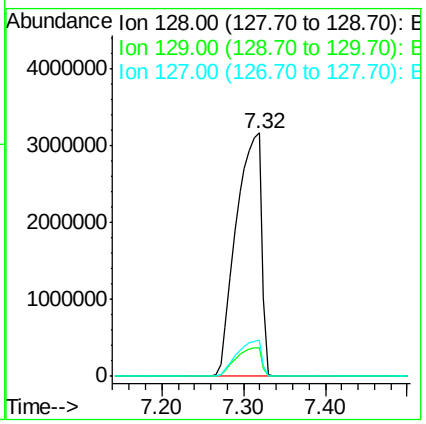


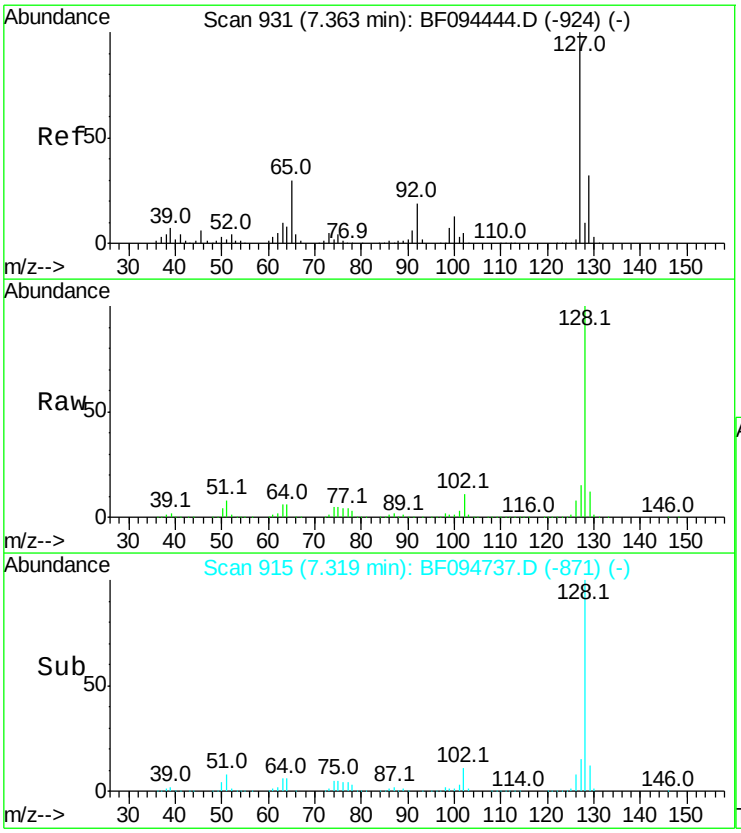
#31
Naphthalene
Concen: 329.57 ng
RT: 7.32 min Scan# 915
Delta R.T. 0.03 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 6833434

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	15.0	10.8	16.2

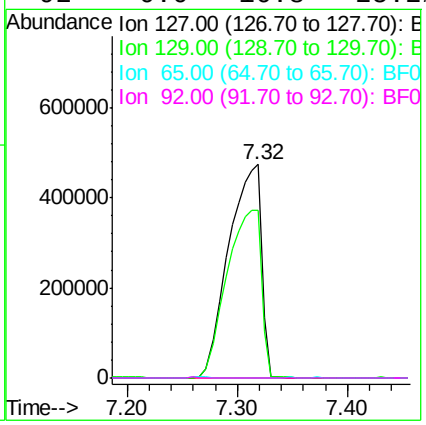


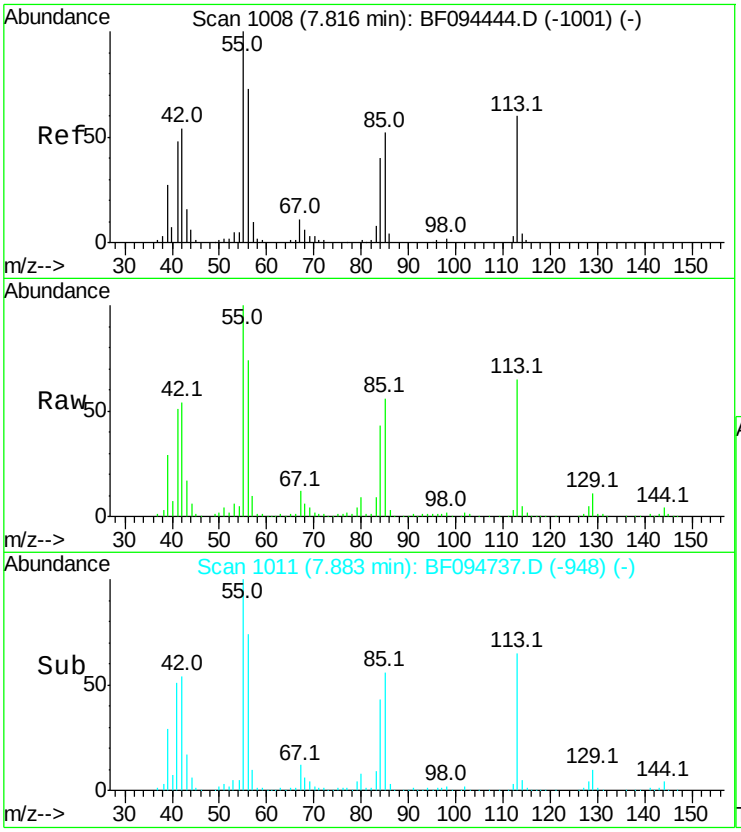


#33
4-Chloroaniline
Concen: 114.24 ng
RT: 7.32 min Scan# 915
Delta R.T. -0.04 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:127 Resp: 985416

Ion	Ratio	Lower	Upper
127	100		
129	78.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



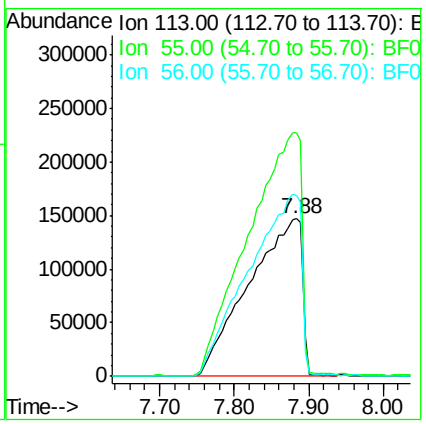


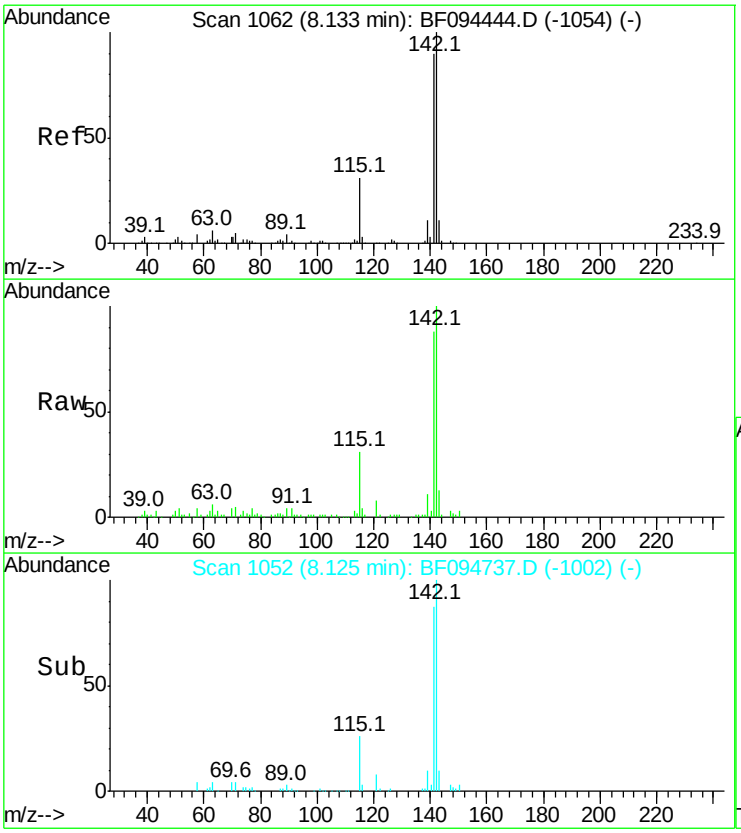
#35
Caprolactam
Concen: 391.37 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.07 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 734166

Ion	Ratio	Lower	Upper
113	100		
55	154.5	150.2	190.2
56	114.7	107.8	147.8

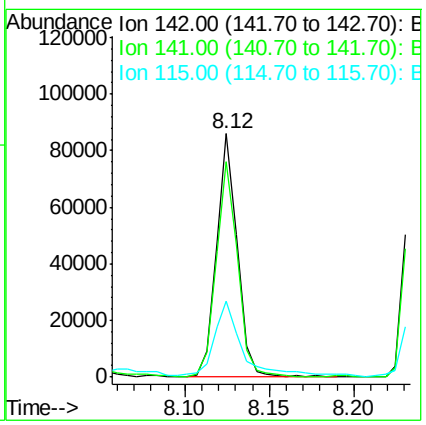


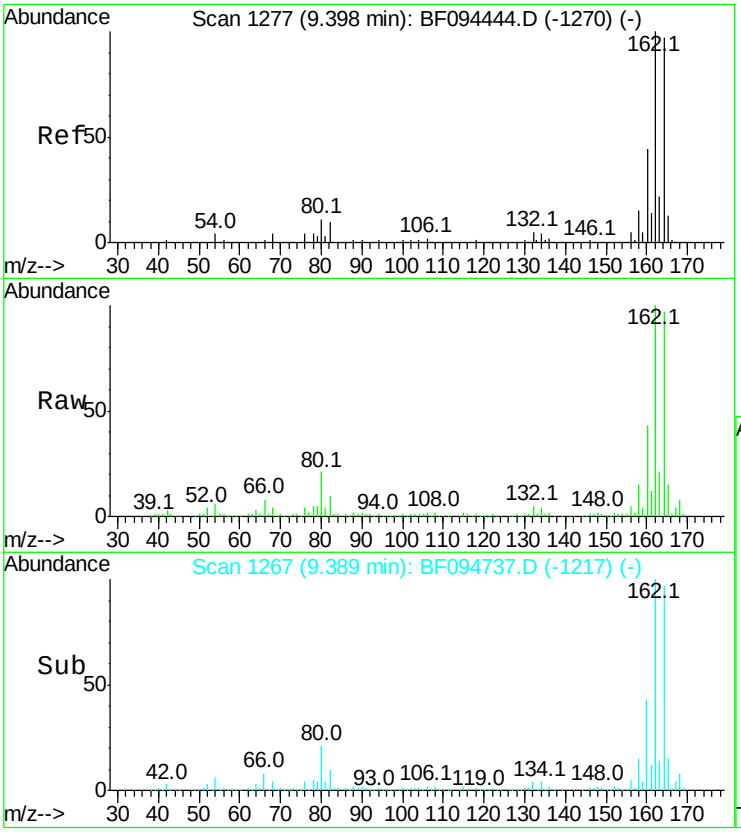


#37
2-Methylnaphthalene
Concen: 5.25 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:142 Resp: 74455

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	31.1	27.1	40.7

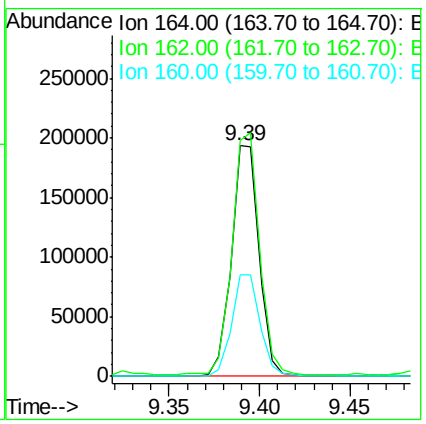




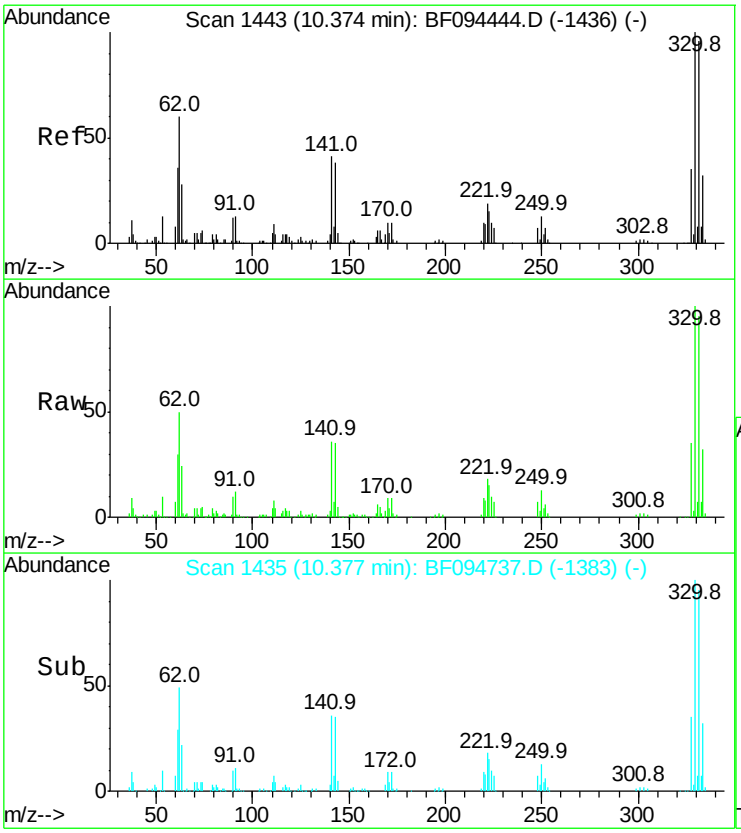
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:164 Resp: 204994

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.3	36.2	54.2



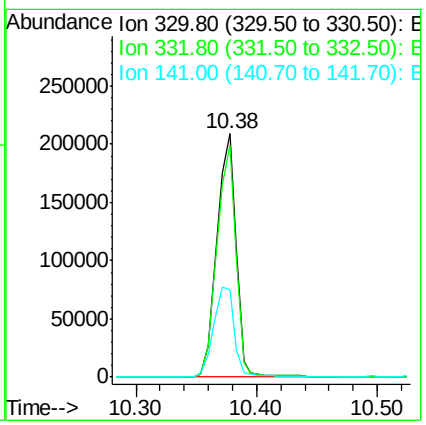
Instrument :
BNA_F
ClientSampleId :

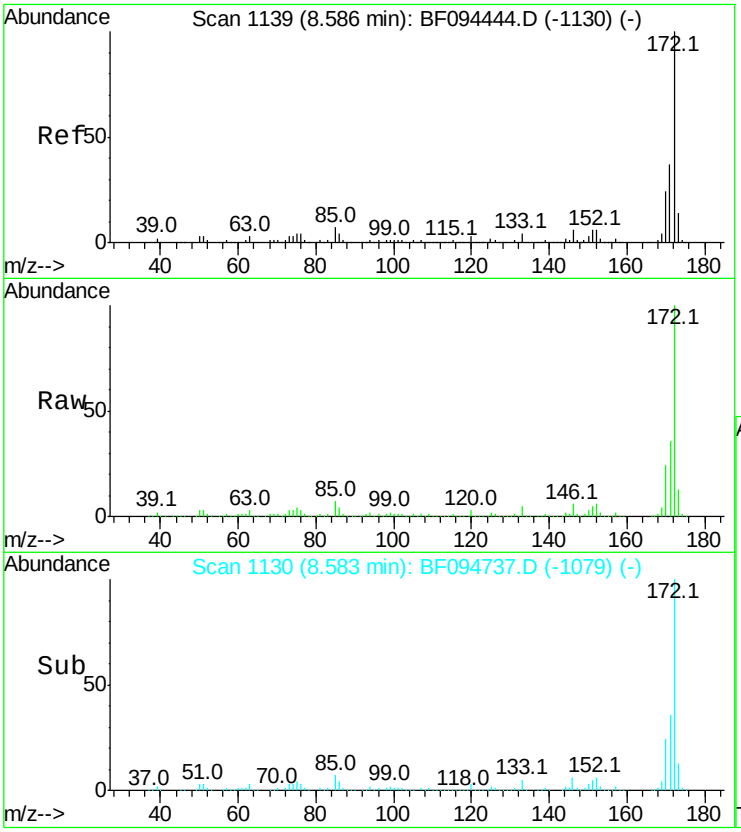


#41
2,4,6-Tribromophenol
Concen: 142.86 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:330 Resp: 229067

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	39.3	31.4	47.2



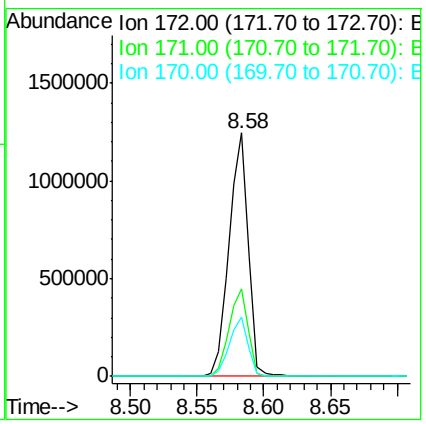


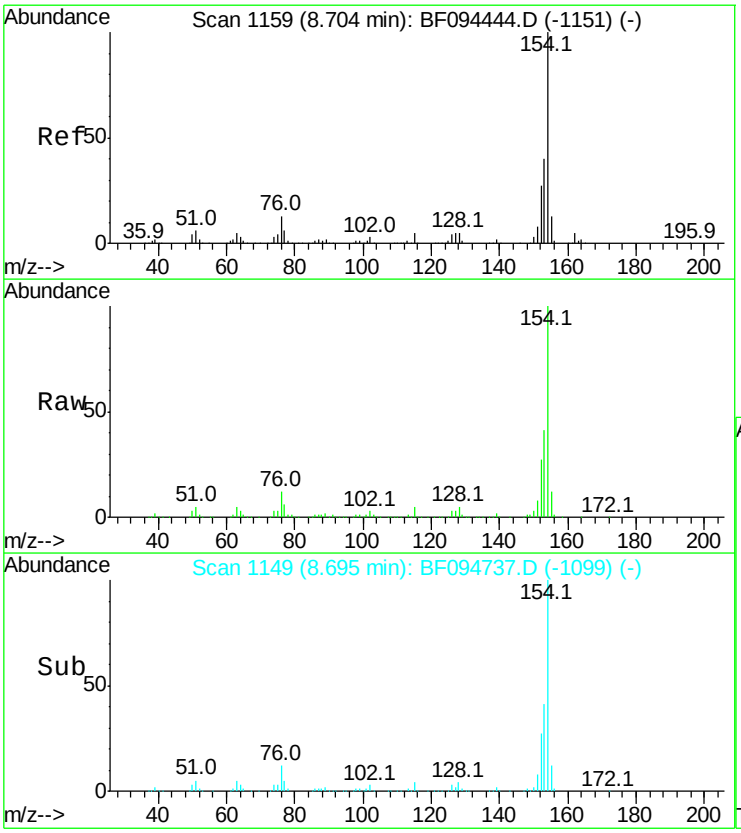
#44
2-Fluorobiphenyl
Concen: 90.50 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1260911

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

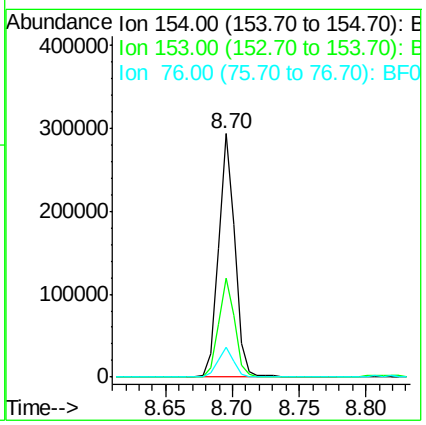


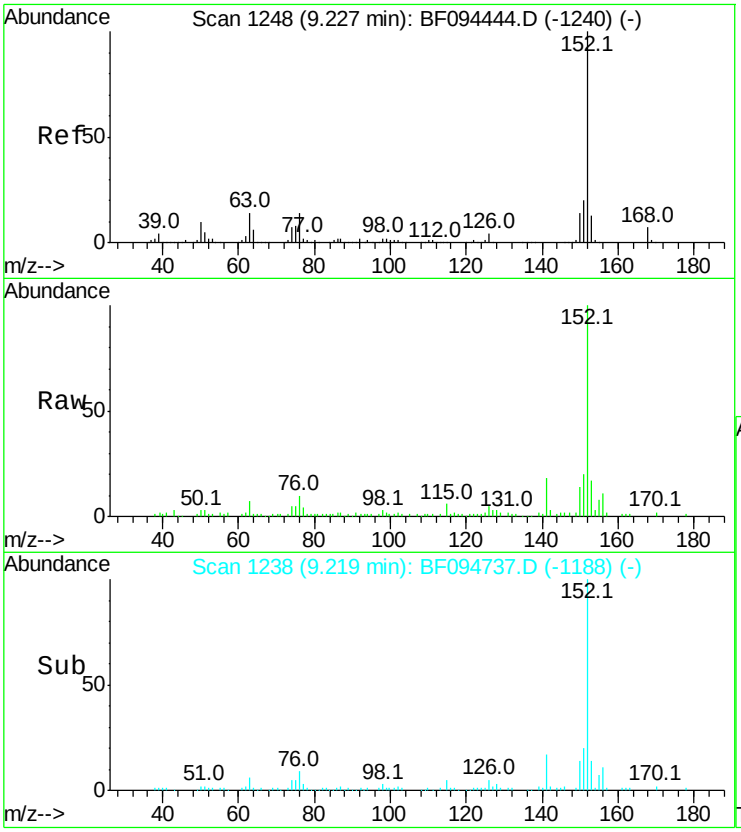


#45
1,1'-Biphenyl
Concen: 15.13 ng
RT: 8.70 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:154 Resp: 253426

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.1	0.0	29.9



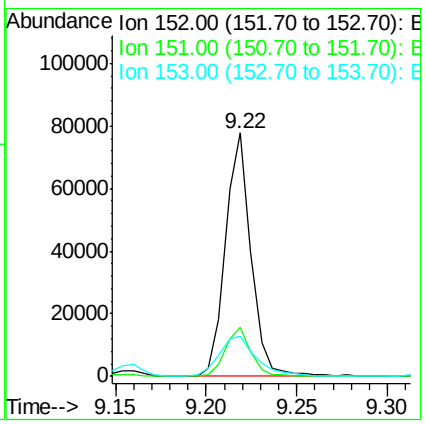


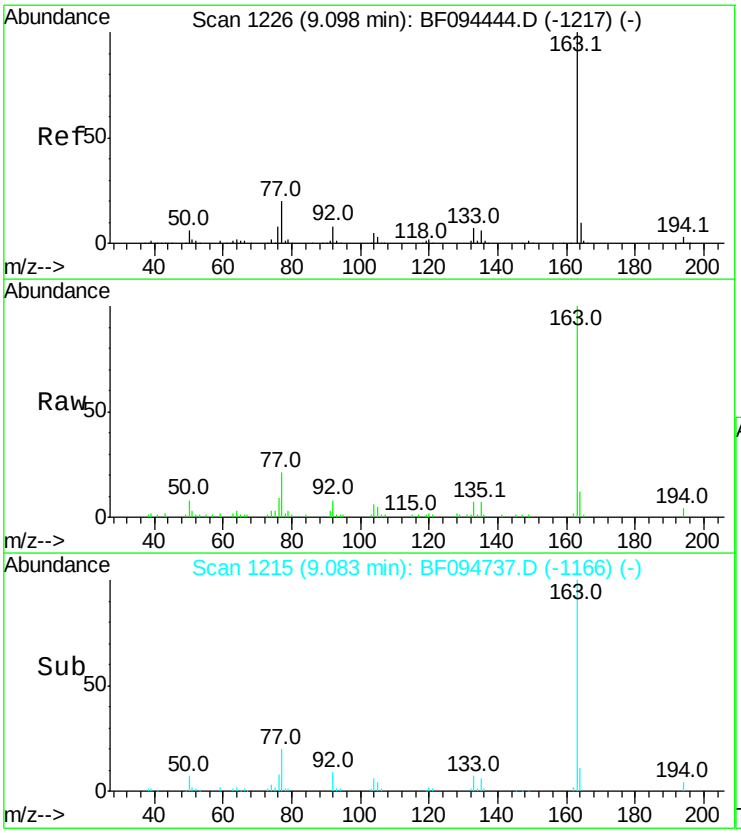
#48
Acenaphthylene
Concen: 3.67 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 76143

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	16.5	10.8	16.2#

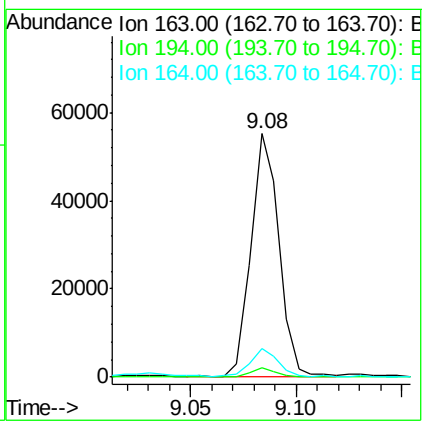


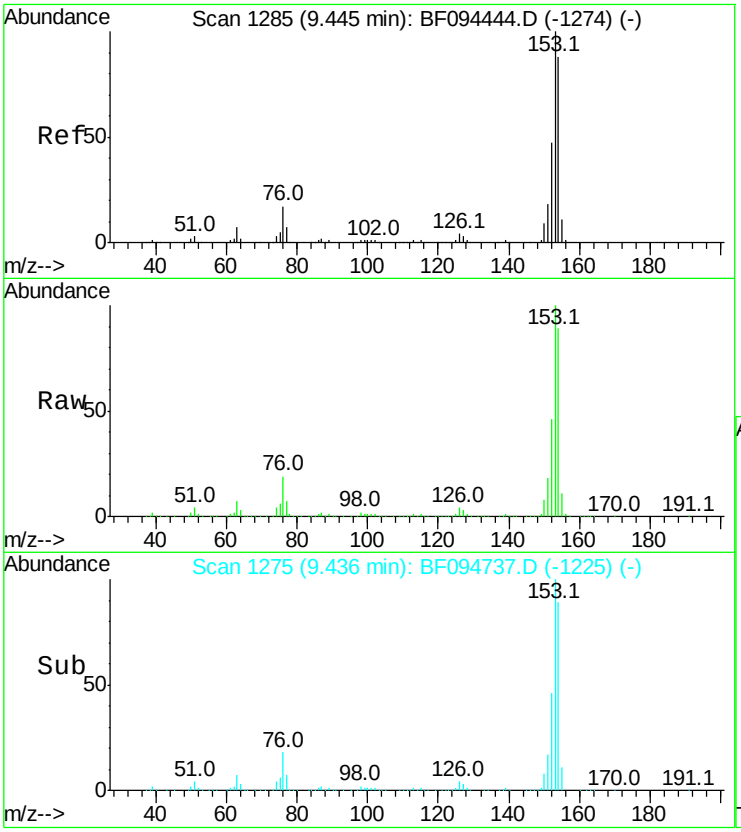


#49
Dimethylphthalate
Concen: 3.35 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:163 Resp: 51217

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	11.7	8.4	12.6



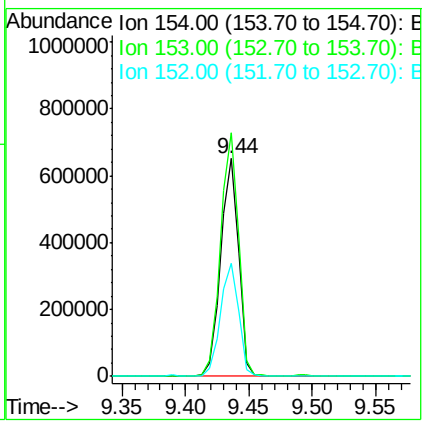


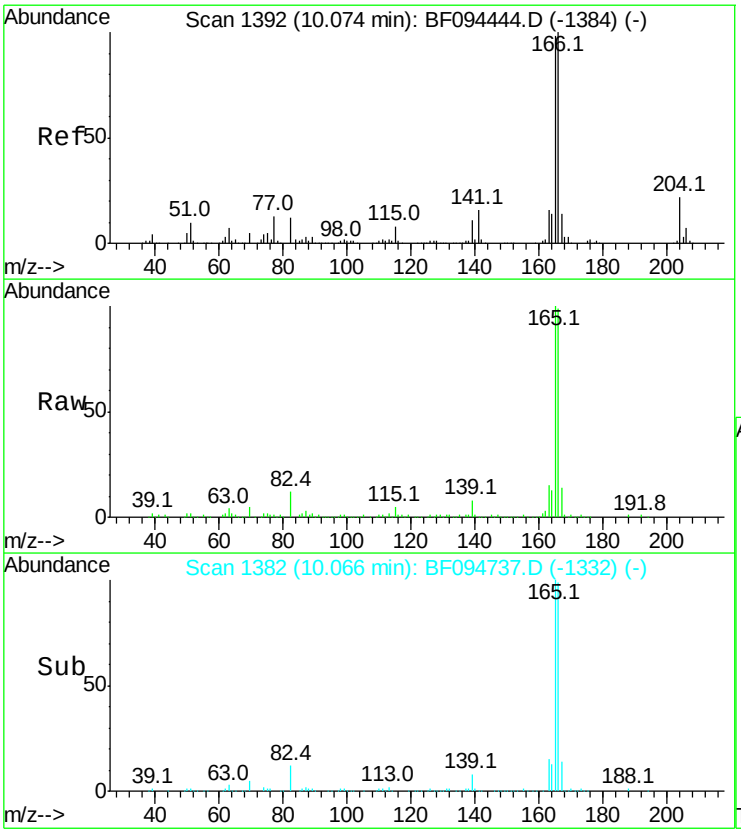
#51
Acenaphthene
Concen: 51.48 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 640065

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.5	135.7
152	52.1	43.6	65.4

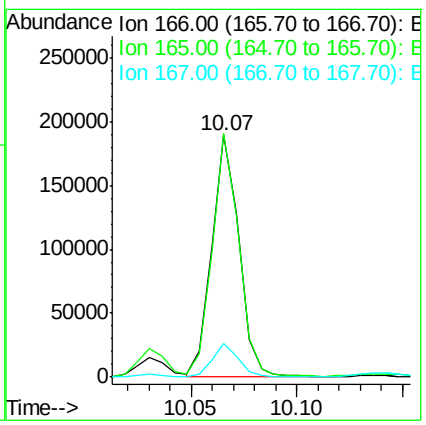


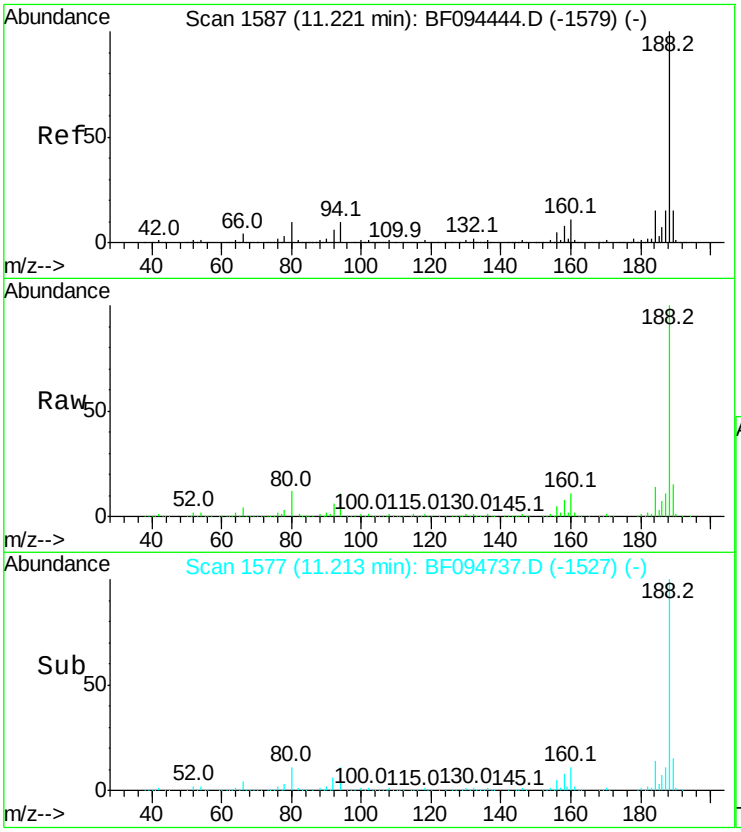


#57
Fluorene
Concen: 11.97 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:166 Resp: 168472

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.8	118.2
167	13.8	10.6	16.0



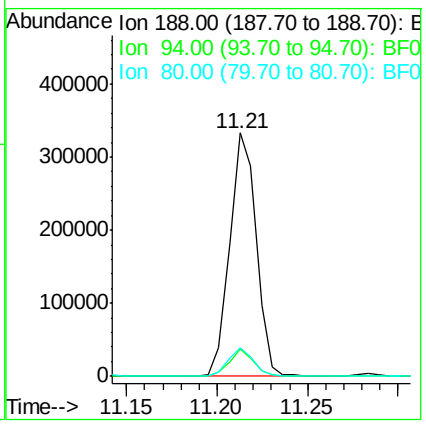


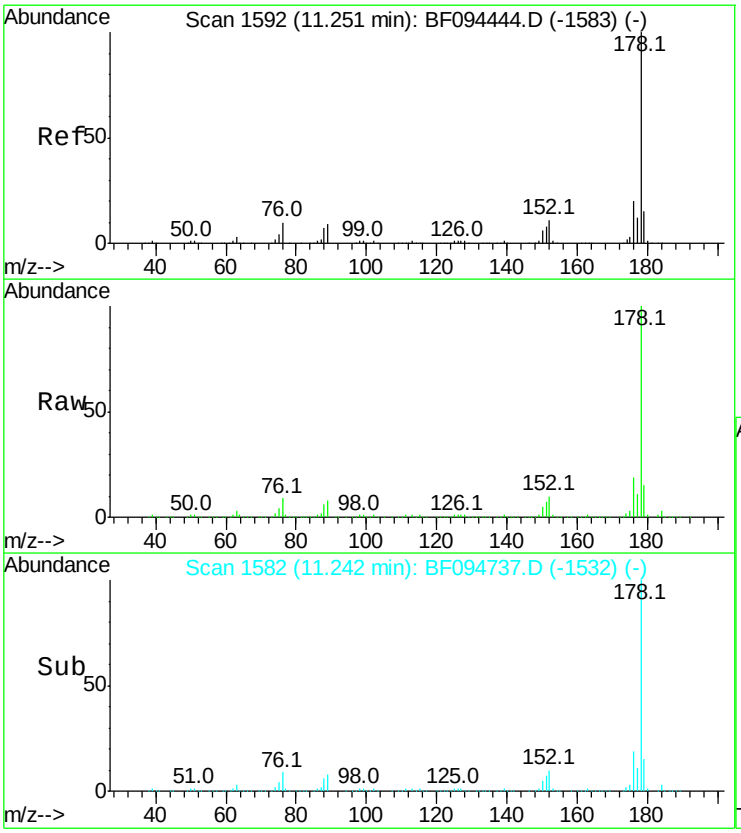
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339895

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.6	10.2	15.2

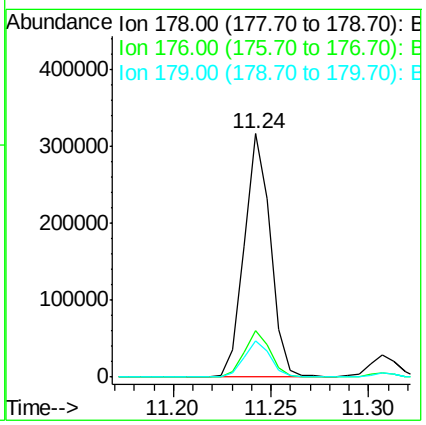


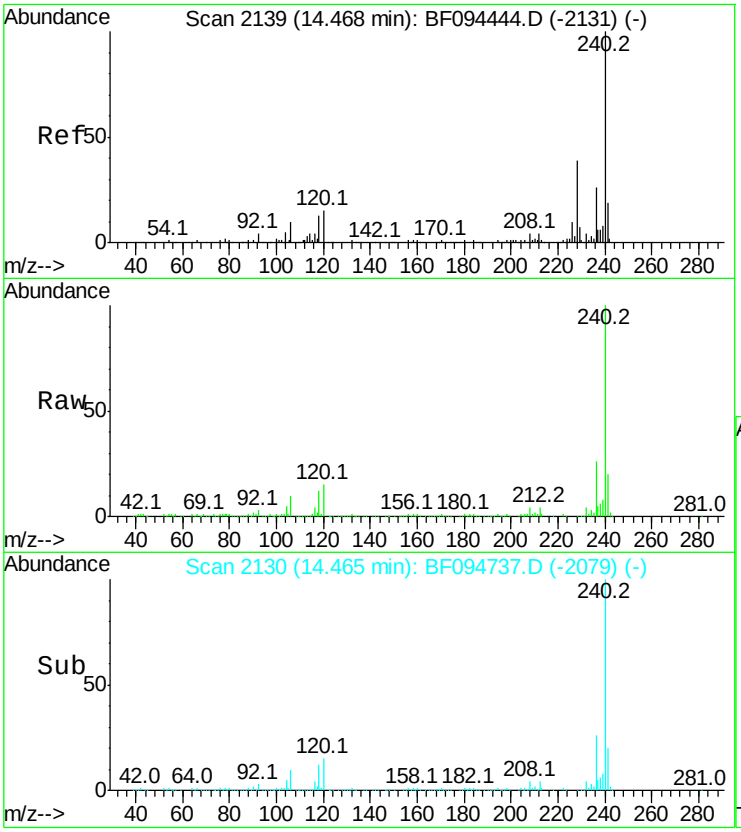


#70
Phenanthrene
Concen: 15.37 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:178 Resp: 294138

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.1	12.6	19.0



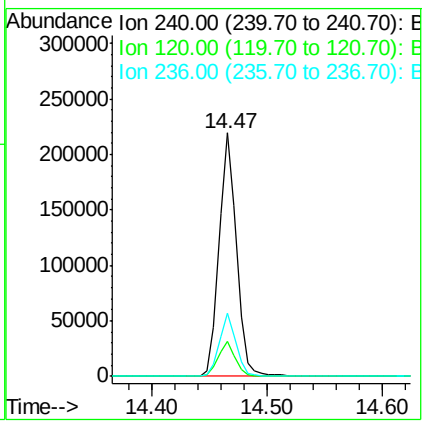


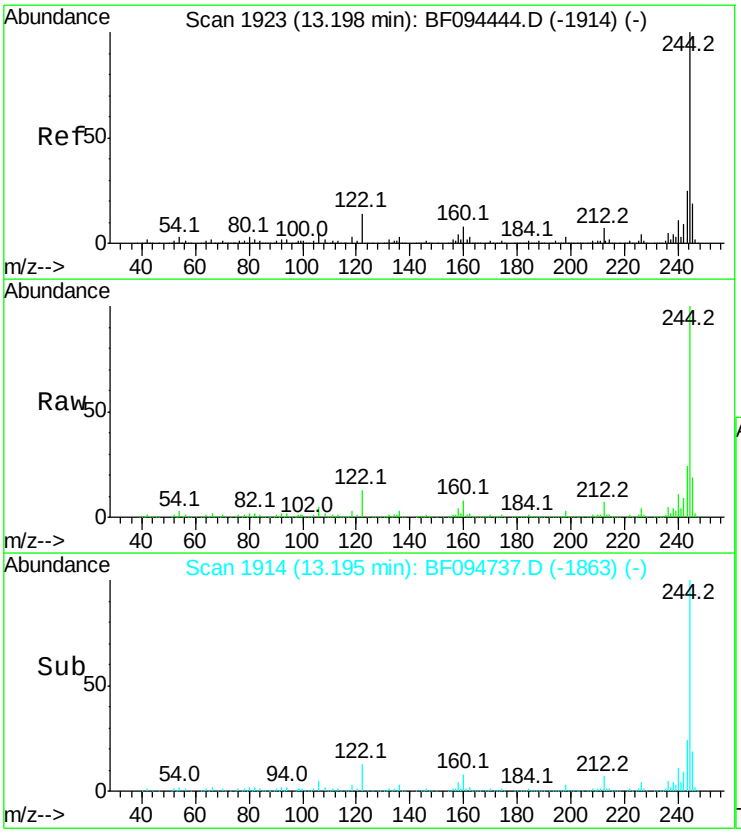
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 229862

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	26.0	20.5	30.7

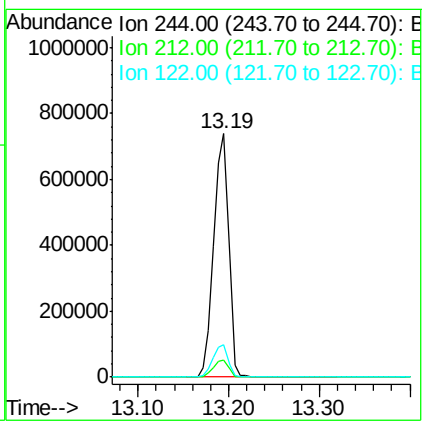


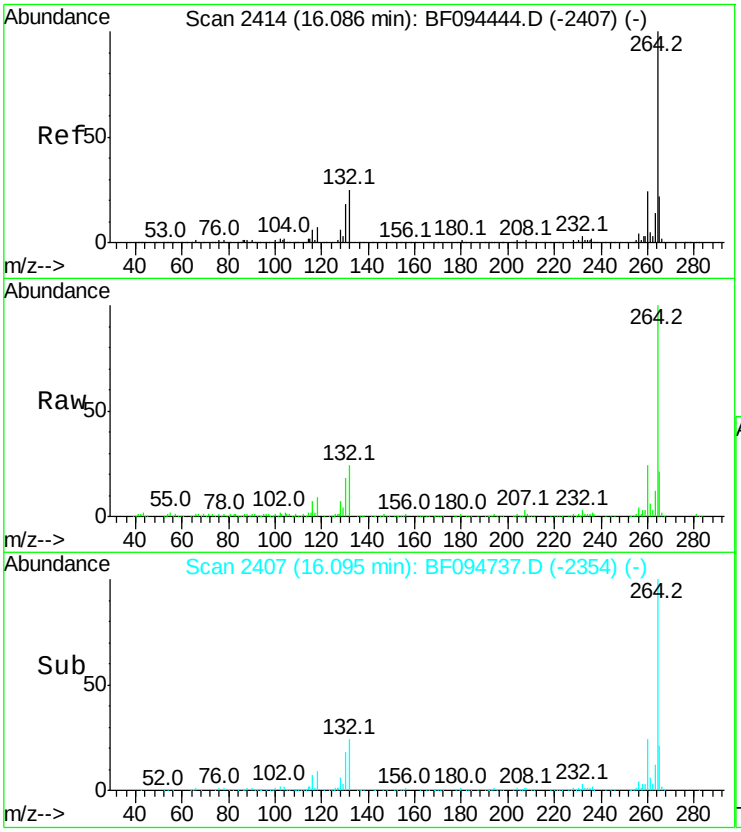


#78
Terphenyl-d14
Concen: 97.70 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Tgt Ion:244 Resp: 840202

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094737.D
Acq: 1 May 2017 2:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 213092

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8