Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095604.D
Acq On : 1 Jun 2017 20:12
Operator : SJ/MA
Sample : I3384-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Jun 17 00:48:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	78564	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	321943	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	150723	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	291711	20.00	ng		0.00
75) Chrysene-d12	18.50	240	252822	20.00	ng		0.00
86) Perylene-d12	20.17	264	173963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	138816	29.46	ng		0.03
7) Phenol-d6	7.12	99	124119	21.95	ng		0.02
23) Nitrobenzene-d5	8.45	82	470640	92.18	ng		-0.01
41) 2,4,6-Tribromophenol	13.69	330	102729	83.22	ng		0.00
44) 2-Fluorobiphenyl	11.35	172	931166	88.92	ng		0.00
78) Terphenyl-d14	17.15	244	865122	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	550	0.238	ng	#	58
10) Phenol	7.20	94	422	0.071	ng	#	1
15) Benzyl Alcohol	7.77	79	7059	1.941	ng	#	50
19) n-Nitroso-di-n-propylamine	8.45	70	57727	15.096	ng	#	73
24) Nitrobenzene	8.45	77	842	0.157	ng	#	33
25) Isophorone	8.82	82	120	0.013	ng	#	67
45) 1,1'-Biphenyl	11.52	154	367	0.029	ng	#	42
49) Dimethylphthalate	12.05	163	24082	1.946	ng		98
50) 2,6-Dinitrotoluene	12.39	165	18510	7.333	ng	#	31
51) Acenaphthene	12.40	154	267	0.028	ng	#	4
59) Diethylphthalate	13.19	149	1398	0.118	ng	#	60
62) Azobenzene	13.70	77	607	0.064	ng	#	50
65) n-Nitrosodiphenylamine	13.69	169	3613	0.341	ng	#	33
73) Di-n-butylphthalate	15.79	149	4799	0.247	ng	#	95
77) Pyrene	17.15	202	2799	0.148	ng	#	68
79) Butylbenzylphthalate	17.82	149	357	0.041	ng	#	39
80) Benzo(a)anthracene	18.49	228	944	0.064	ng	#	50
82) Chrysene	18.53	228	919	0.065	ng	#	49
83) Bis(2-ethylhexyl)phthalate	18.56	149	2069	0.165	ng	#	99
84) Di-n-octyl phthalate	19.33	149	416	0.020	ng	#	1
89) Benzo(a)pyrene	20.17	252	471	0.047	ng	#	59

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

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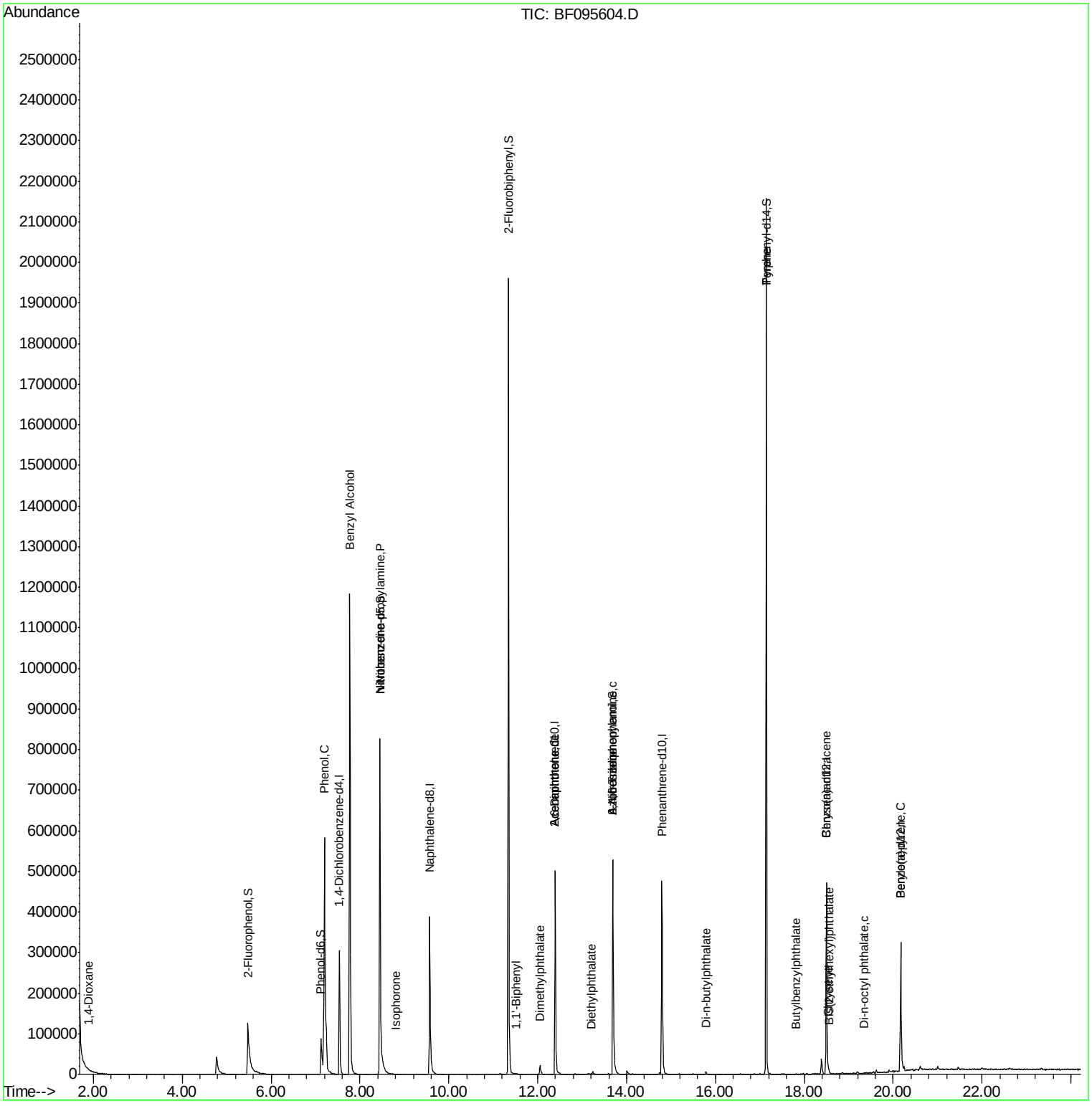
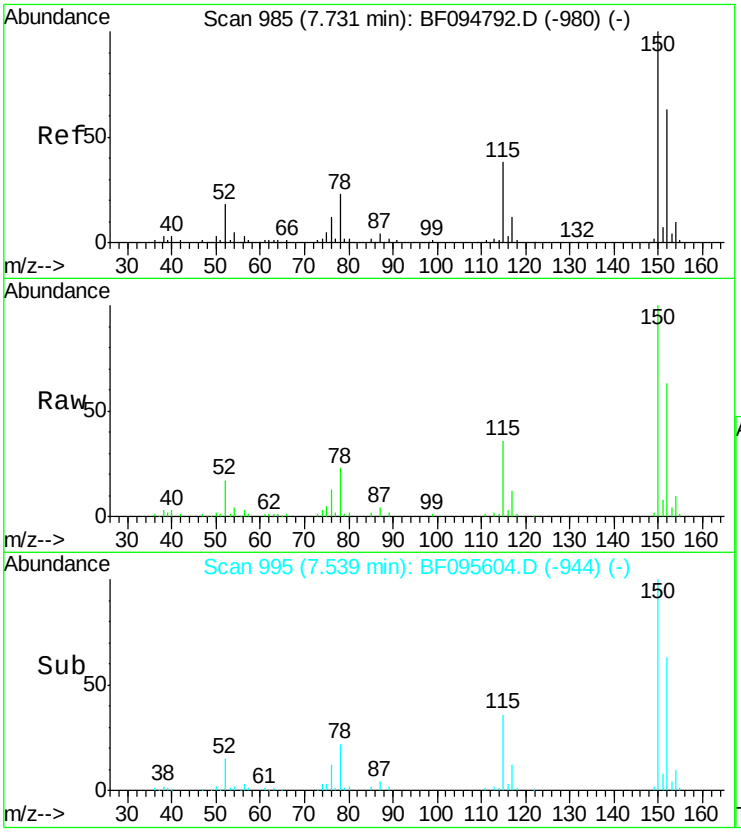


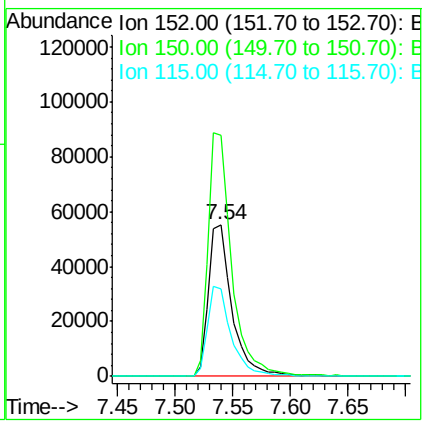


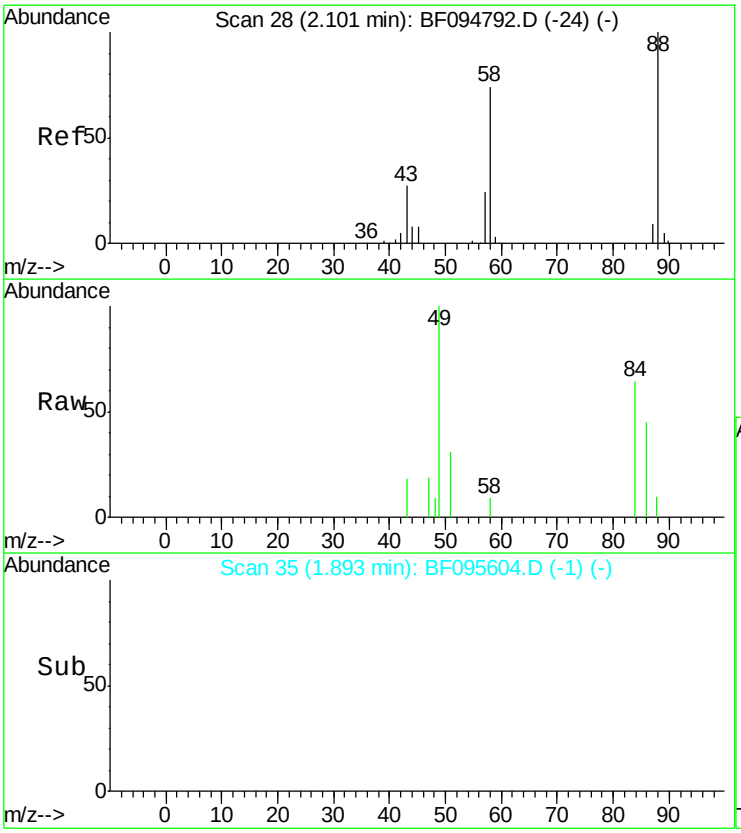
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 78564

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	57.8	52.2	78.2

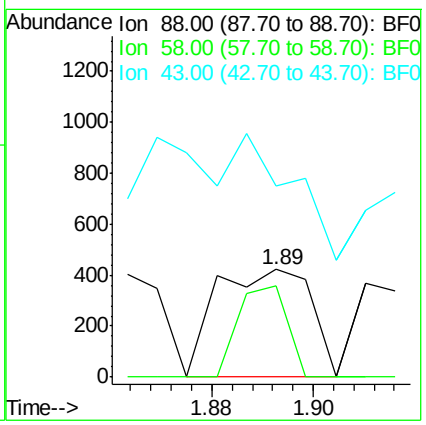


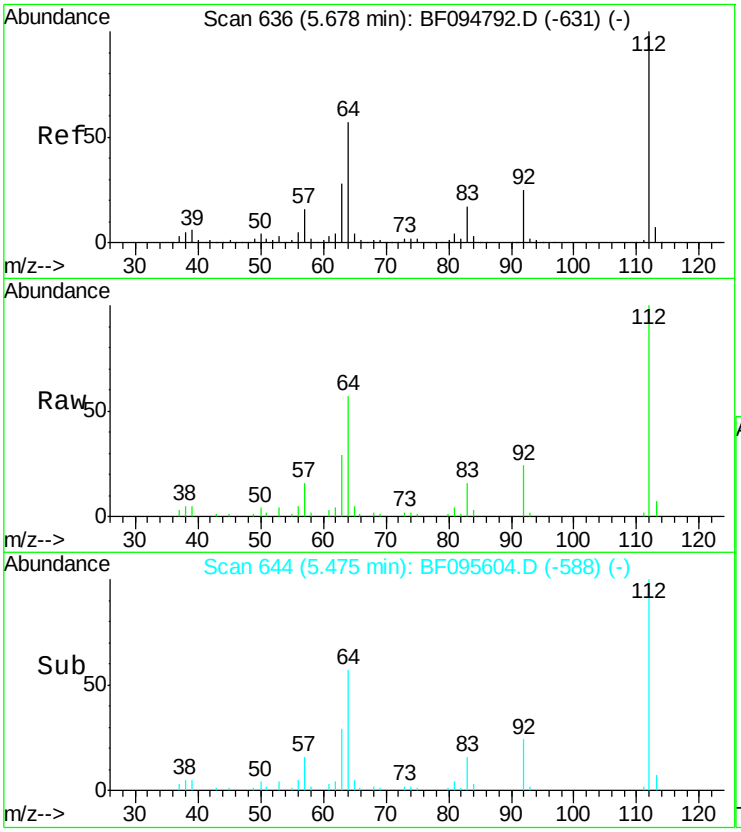


#2
1,4-Dioxane
Concen: 0.238 ng
RT: 1.89 min Scan# 35
Delta R.T. 0.04 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion: 88 Resp: 550

Ion	Ratio	Lower	Upper
88	100		
58	44.2	61.4	92.0#
43	0.0	23.4	35.0#



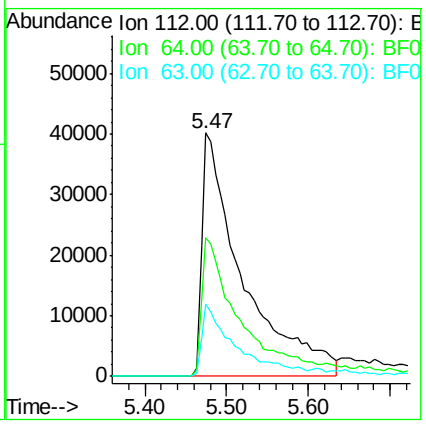


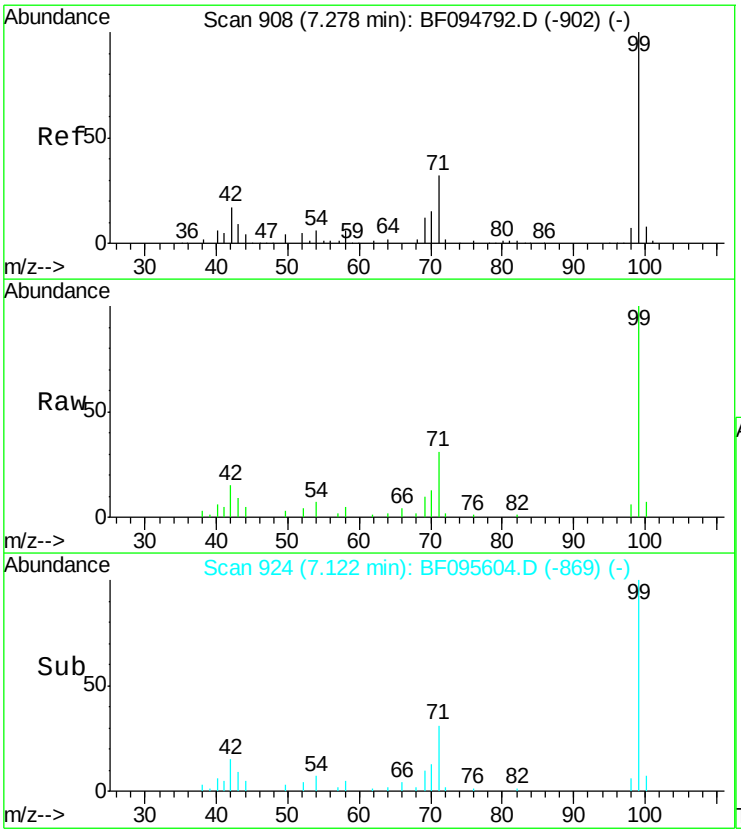
#5
2-Fluorophenol
Concen: 29.458 ng
RT: 5.47 min Scan# 644
Delta R.T. 0.03 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 138816

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	29.4	23.4	35.0

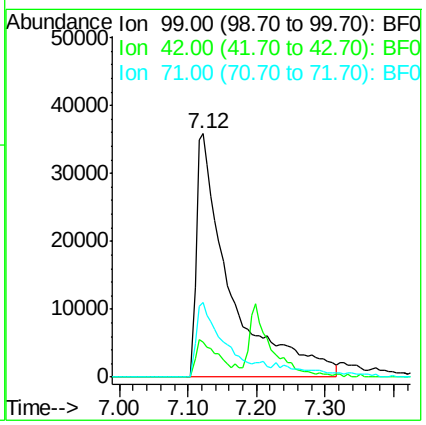


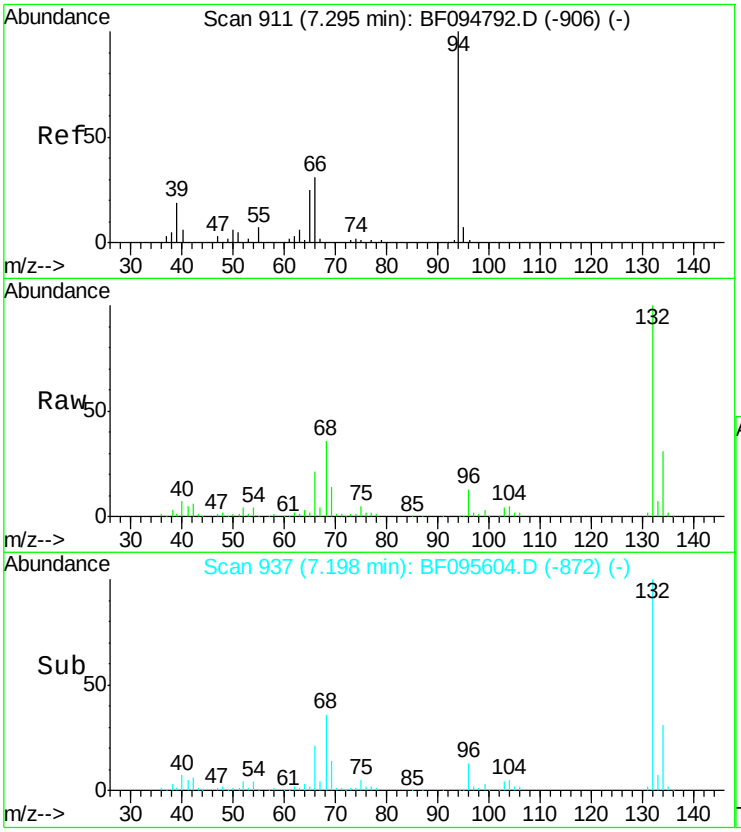


#7
Phenol-d6
Concen: 21.952 ng
RT: 7.12 min Scan# 924
Delta R.T. 0.02 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion: 99 Resp: 124119

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.5	20.3
71	30.8	24.5	36.7



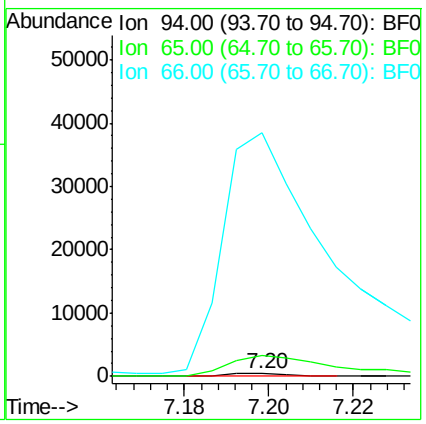


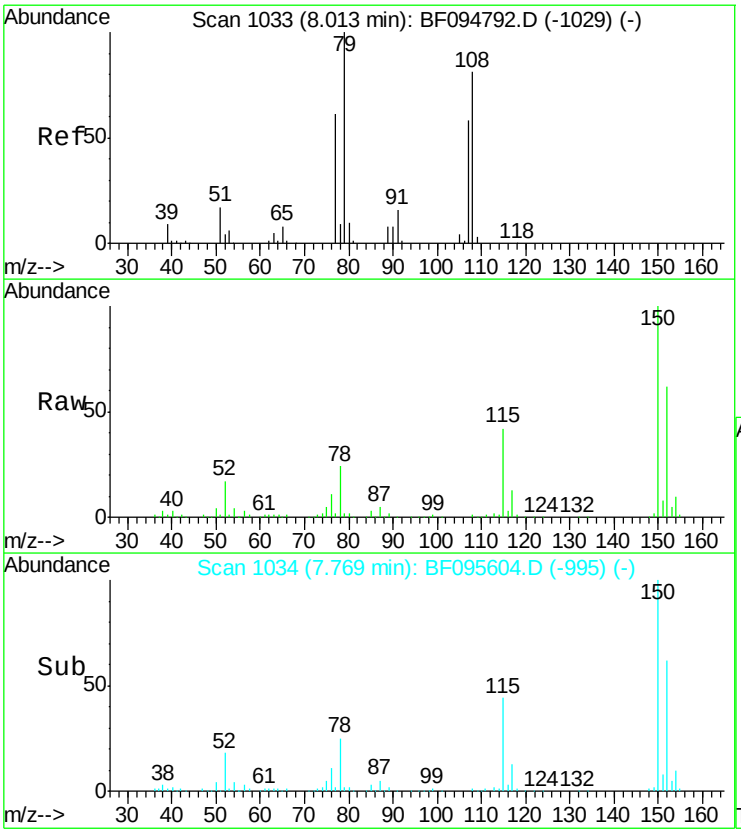
#10
Phenol
Concen: 0.071 ng
RT: 7.20 min Scan# 937
Delta R.T. 0.08 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 94 Resp: 422

Ion	Ratio	Lower	Upper
94	100		
65	703.5	9.9	49.9#
66	8398.3	23.1	63.1#

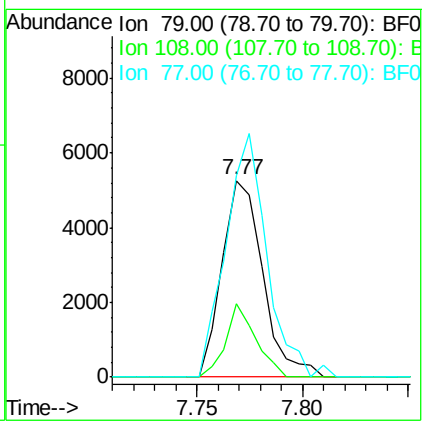


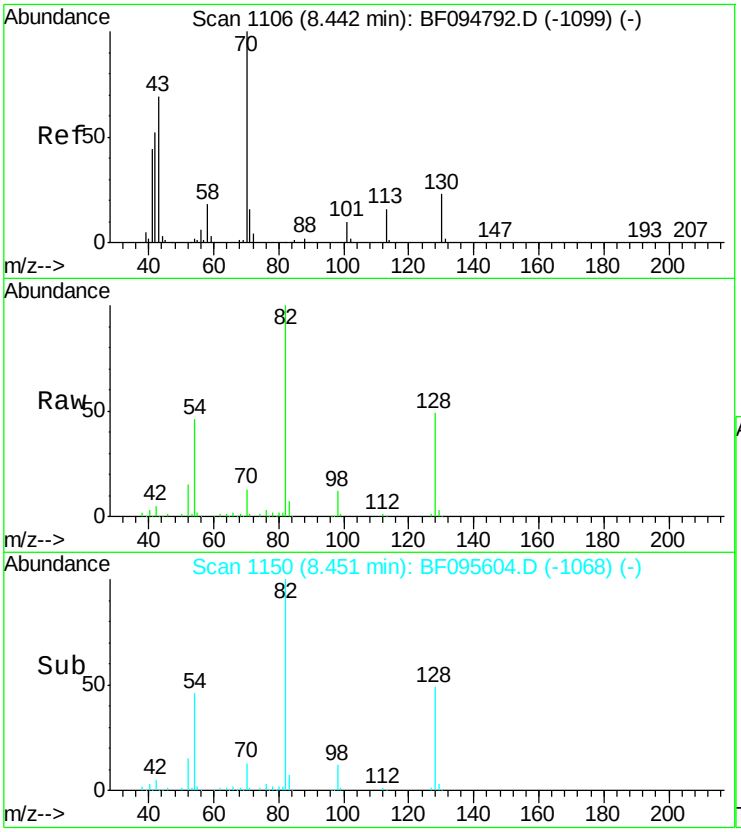


#15
Benzyl Alcohol
Concen: 1.941 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion: 79 Resp: 7059

Ion	Ratio	Lower	Upper
79	100		
108	37.6	63.4	95.0#
77	102.4	49.2	73.8#



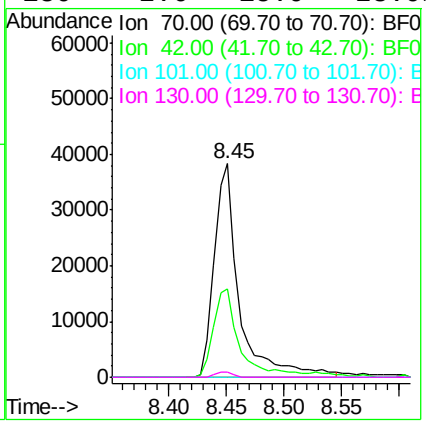


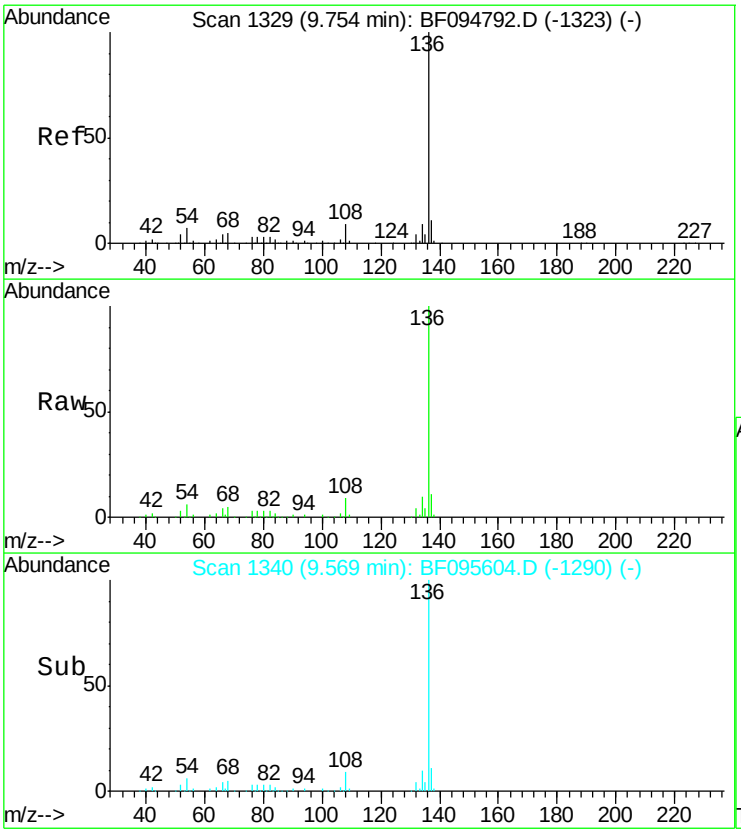
#19
n-Nitroso-di-n-propylamine
Concen: 15.096 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 57727

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

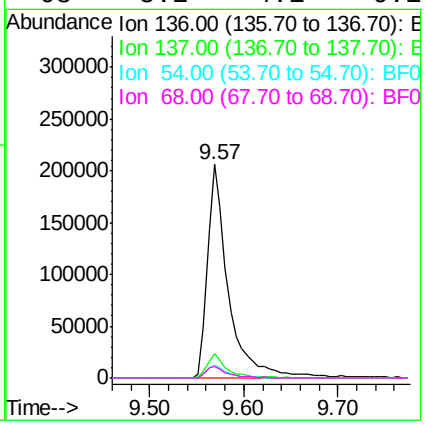


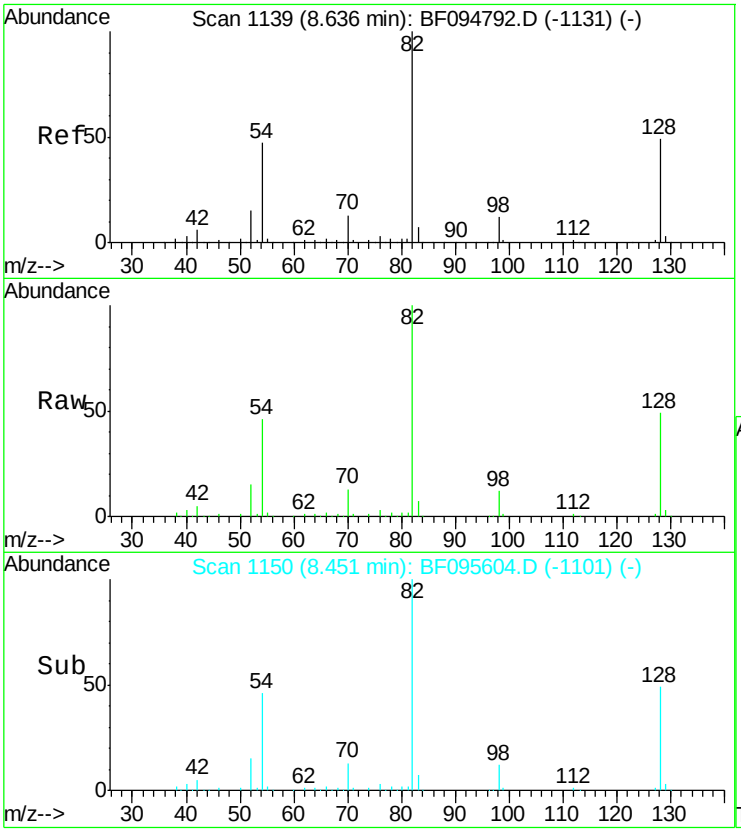


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:136 Resp: 321943

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.1	4.9	7.3
68	5.2	4.1	6.1



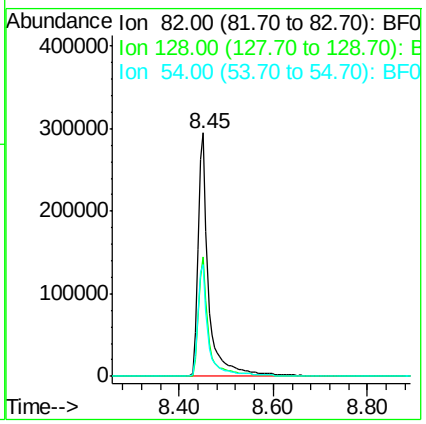


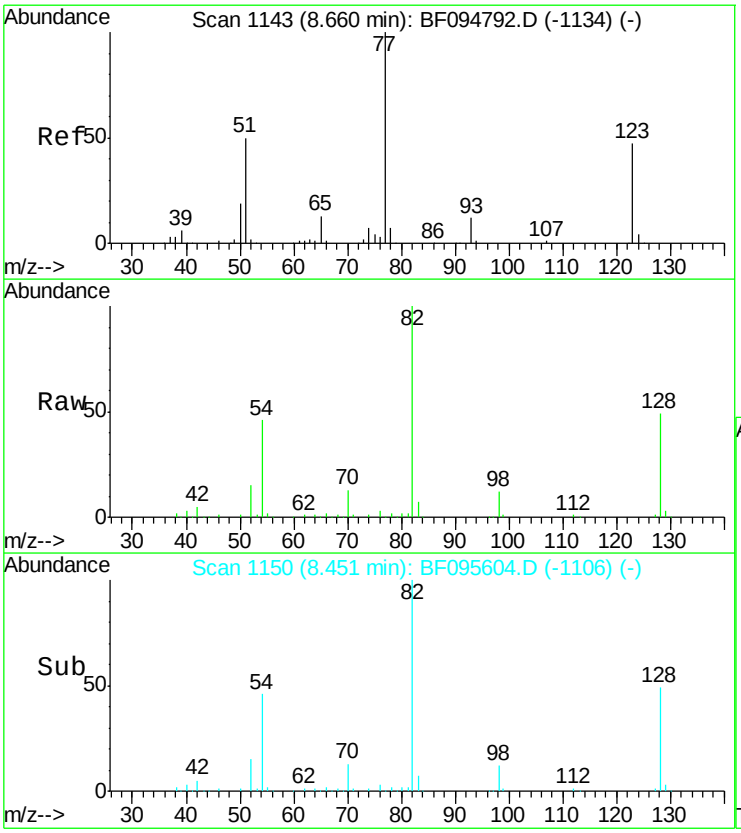
#23
Nitrobenzene-d5
Concen: 92.184 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 470640

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	45.8	42.2	63.2

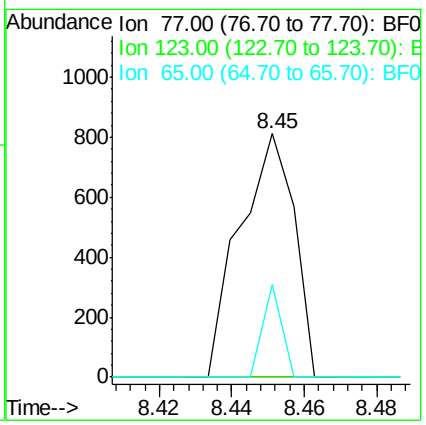


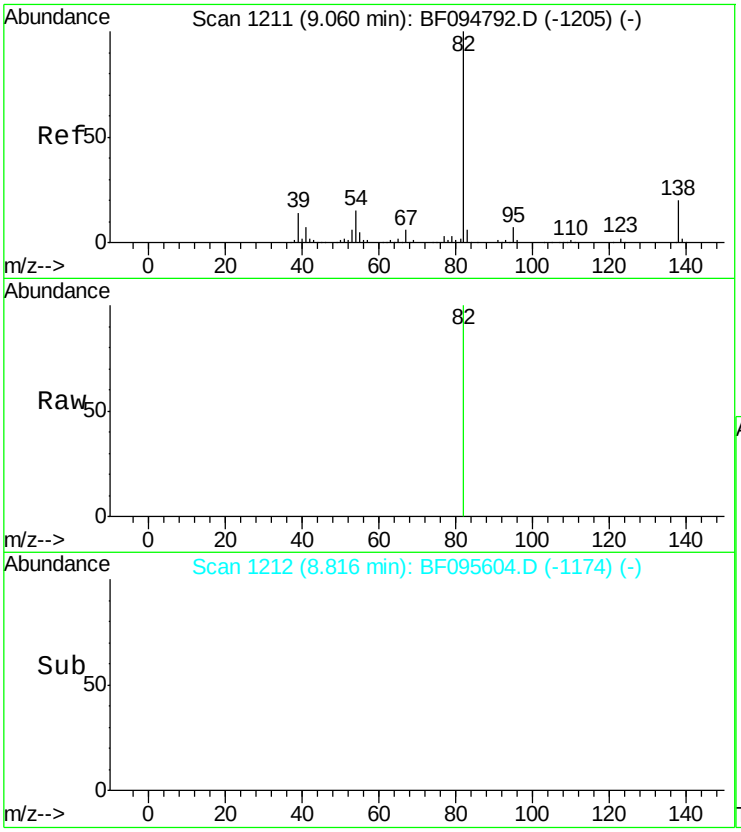


#24
Nitrobenzene
Concen: 0.157 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion: 77 Resp: 842

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	38.1	10.6	15.8#



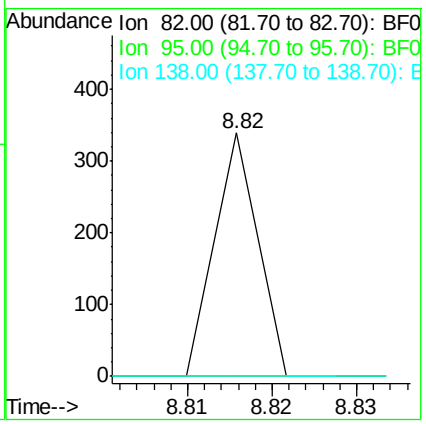


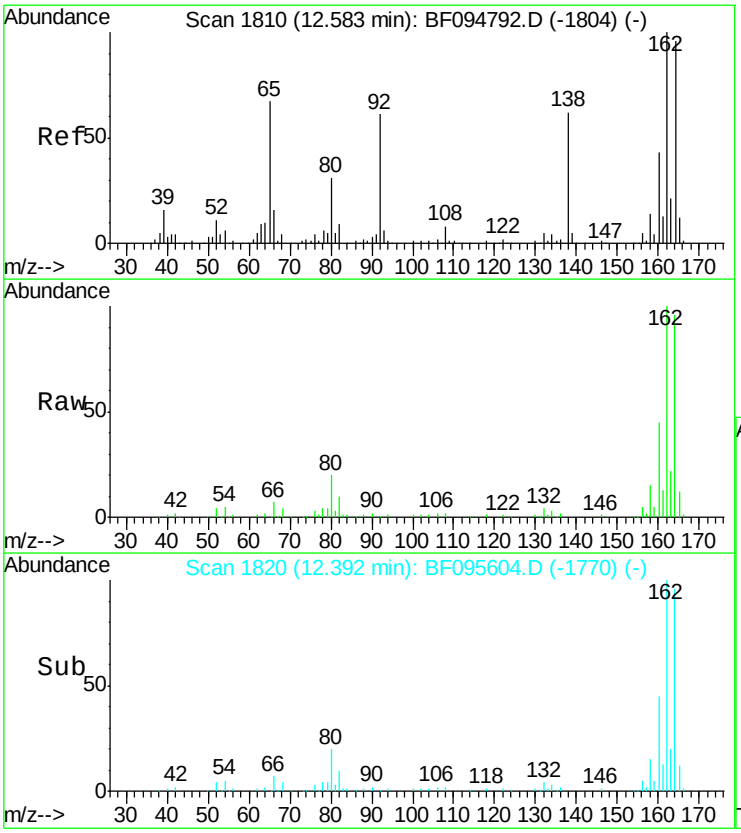
#25
Isophorone
Concen: 0.013 ng
RT: 8.82 min Scan# 1212
Delta R.T. -0.08 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 120

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

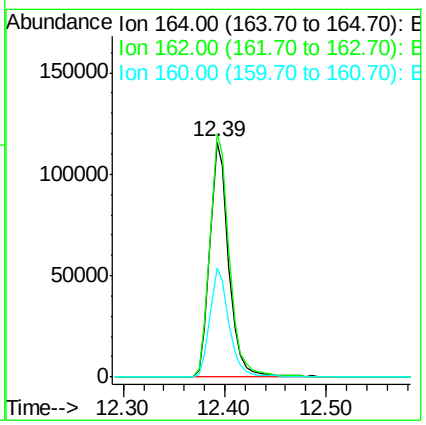


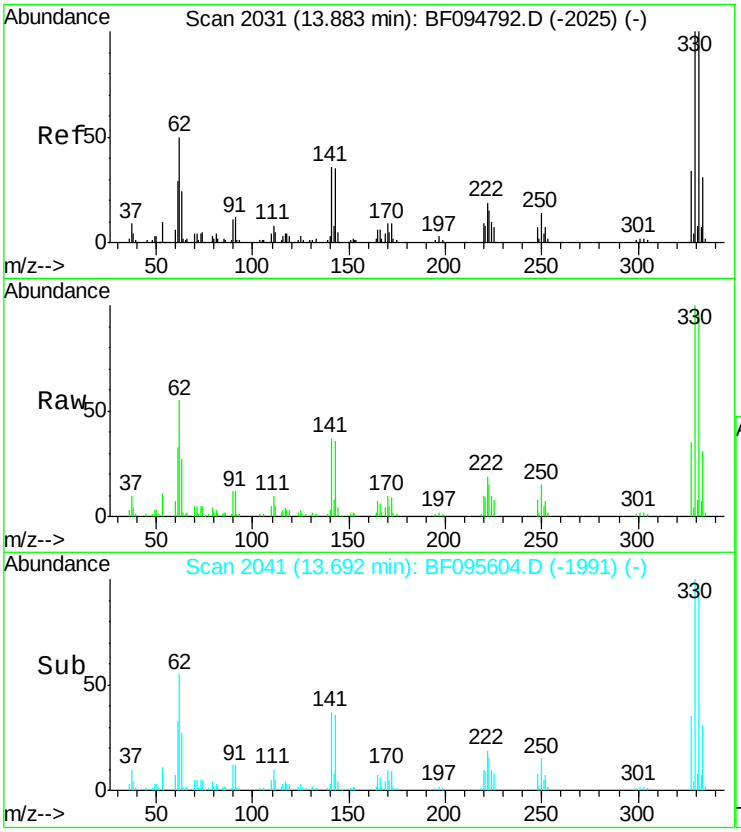


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:164 Resp: 150723

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.5	36.2	54.2



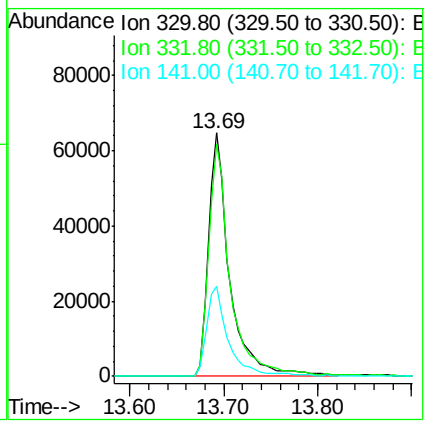


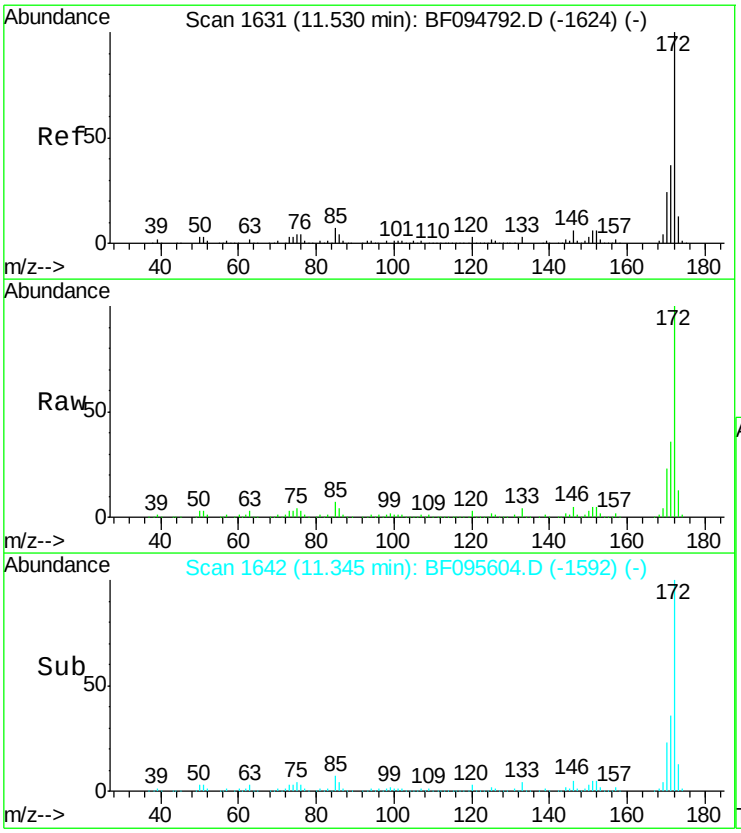
#41
2,4,6-Tribromophenol
Concen: 83.224 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 102729

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	37.9	31.4	47.2

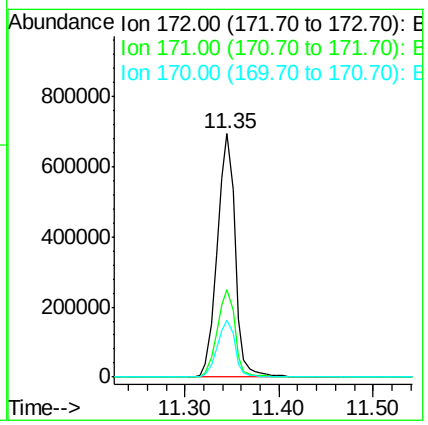


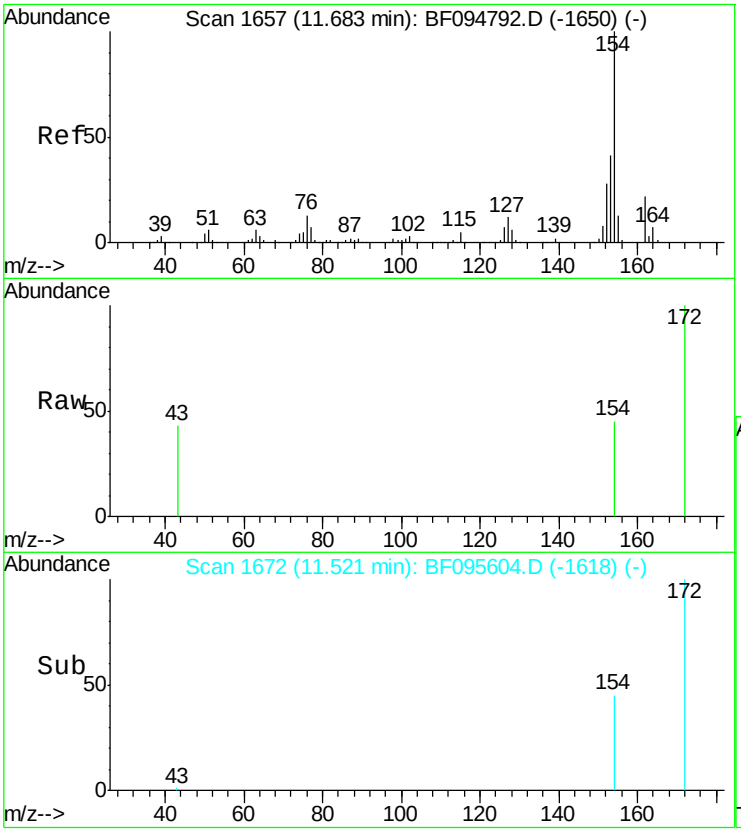


#44
2-Fluorobiphenyl
Concen: 88.922 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:172 Resp: 931166

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	19.8	29.8



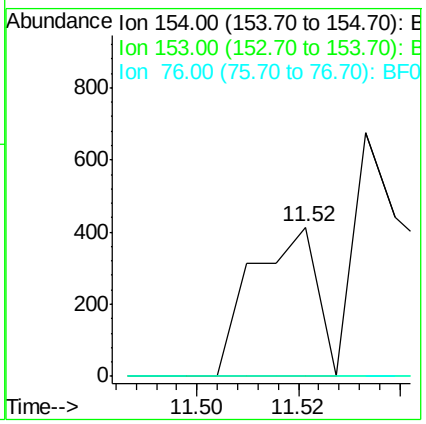


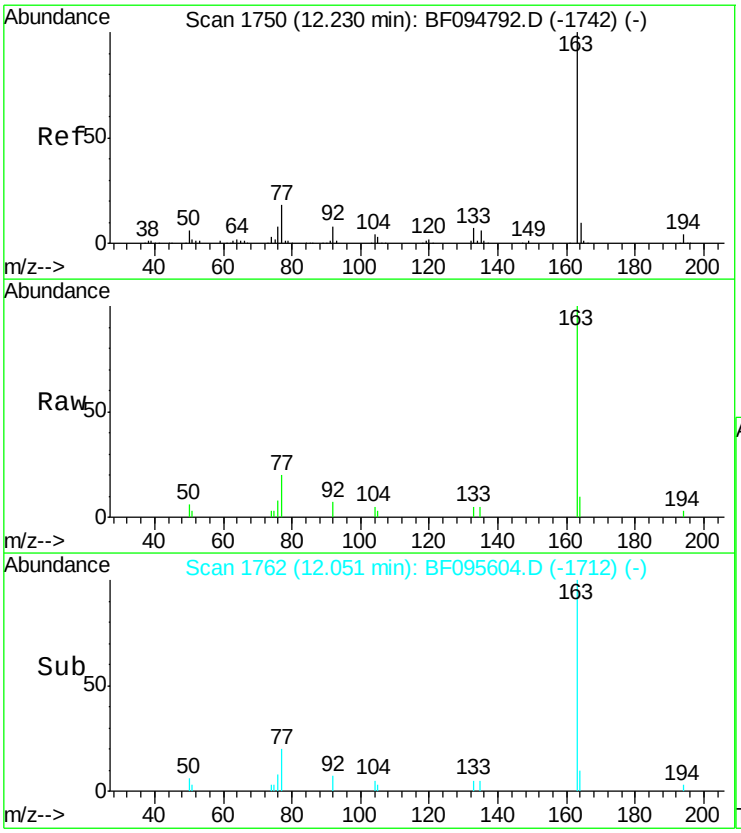
#45
1,1'-Biphenyl
Concen: 0.029 ng
RT: 11.52 min Scan# 1672
Delta R.T. 0.02 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:154 Resp: 367

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

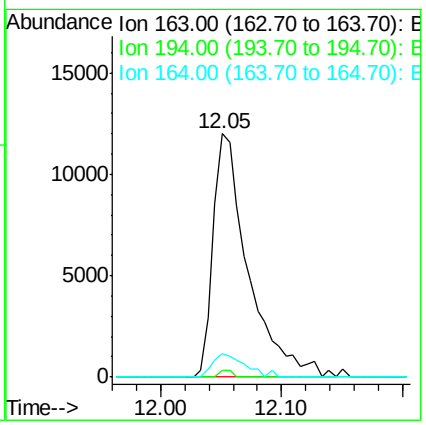


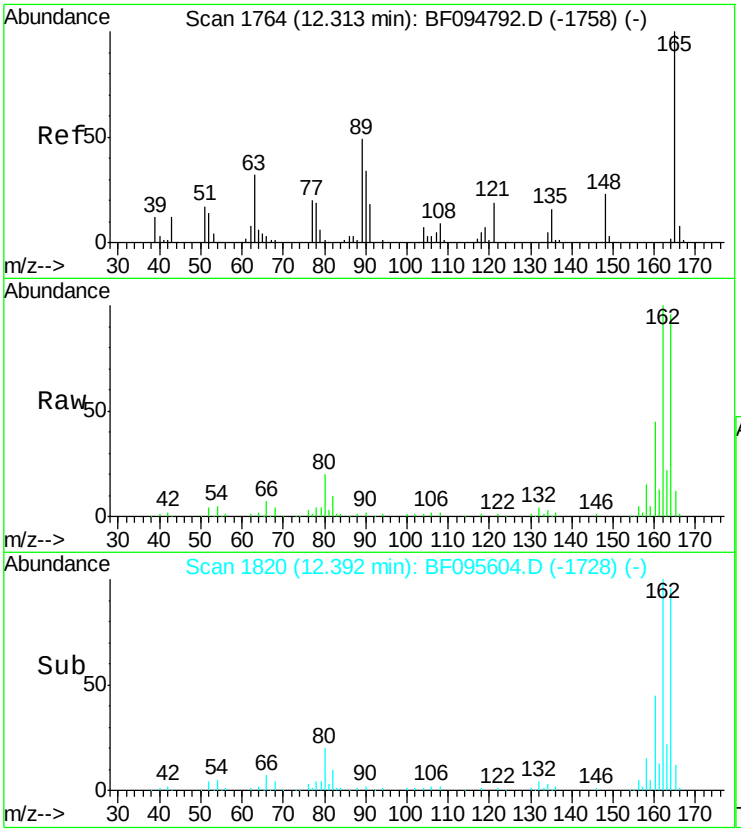


#49
Dimethylphthalate
Concen: 1.946 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:163 Resp: 24082

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.5	8.4	12.6



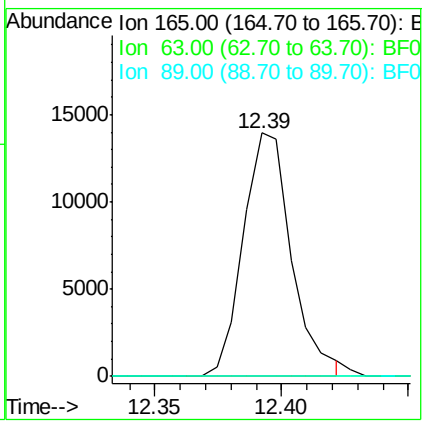


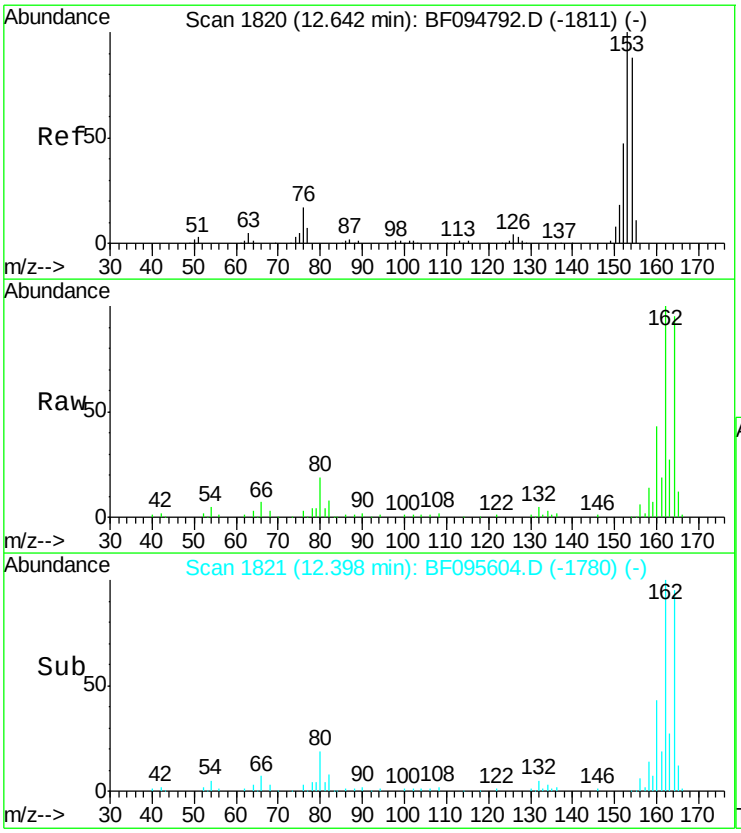
#50
2,6-Dinitrotoluene
Concen: 7.333 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 18510

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

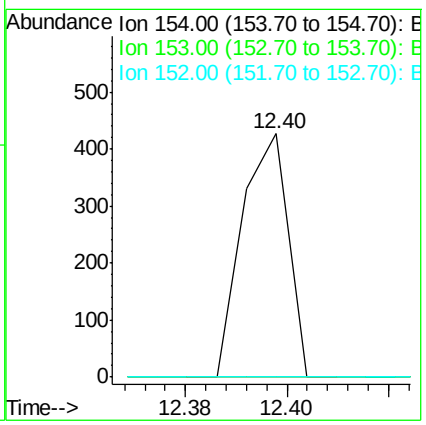


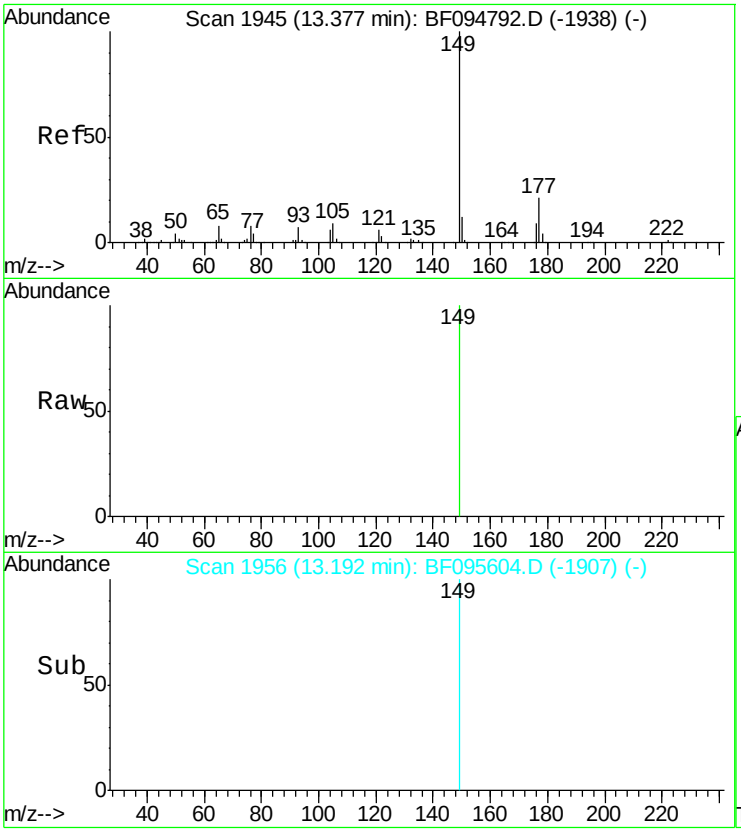


#51
Acenaphthene
Concen: 0.028 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.06 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:154 Resp: 267

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	0.0	43.6	65.4#



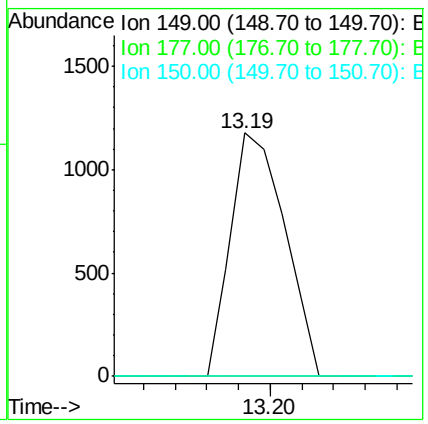


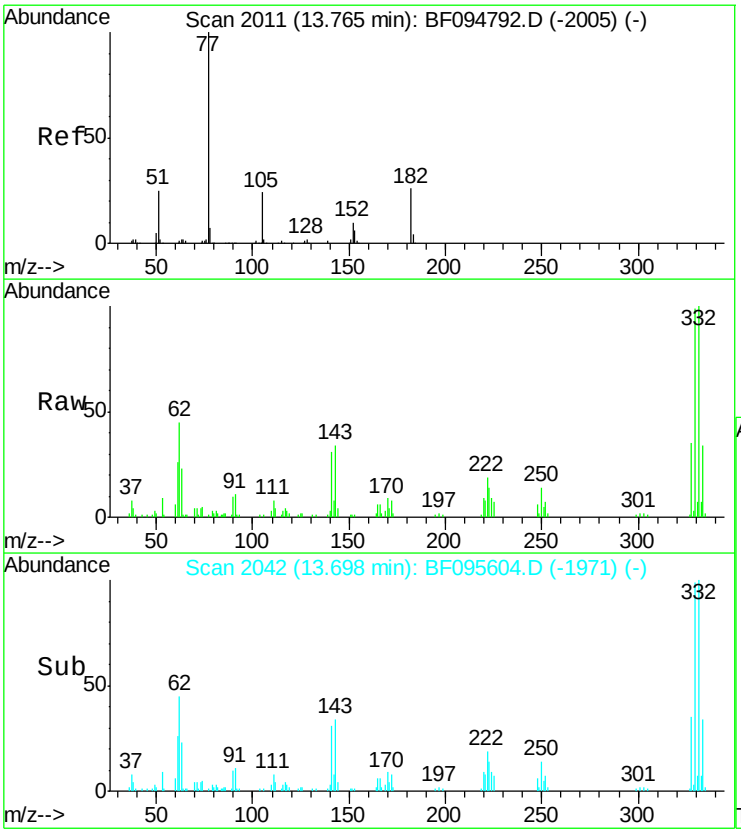
#59
Diethylphthalate
Concen: 0.118 ng
RT: 13.19 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:149 Resp: 1398

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#

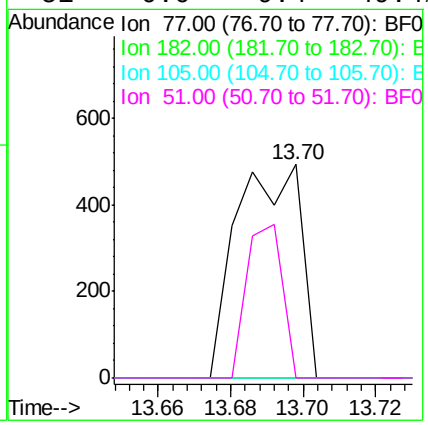


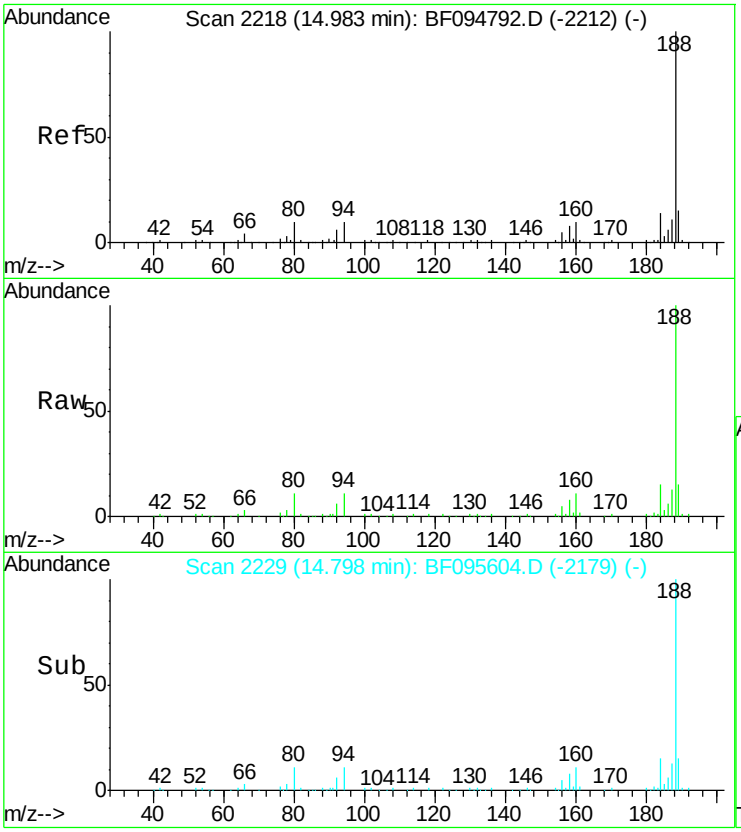


#62
Azobenzene
Concen: 0.064 ng
RT: 13.70 min Scan# 2042
Delta R.T. 0.12 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion: 77 Resp: 607

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#



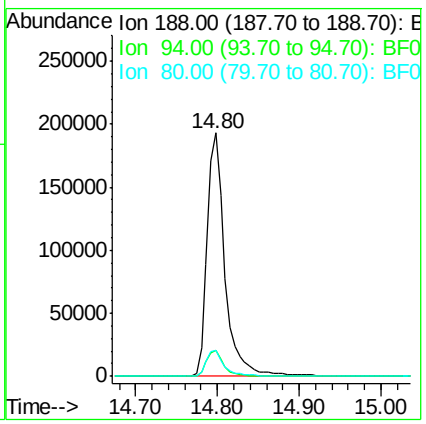


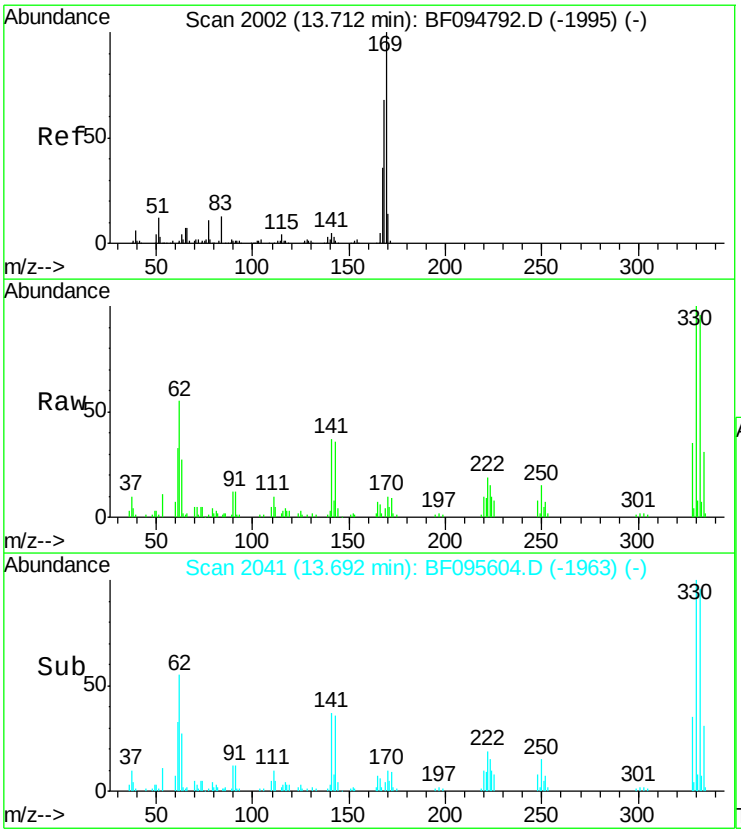
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 291711

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.7	10.2	15.2

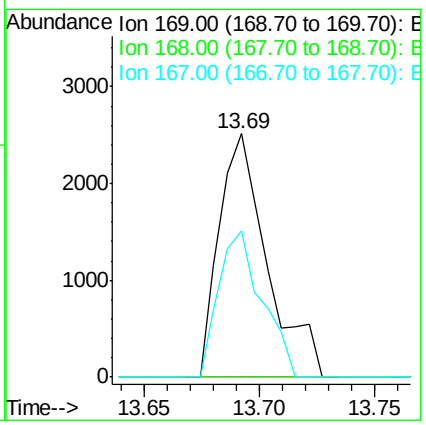


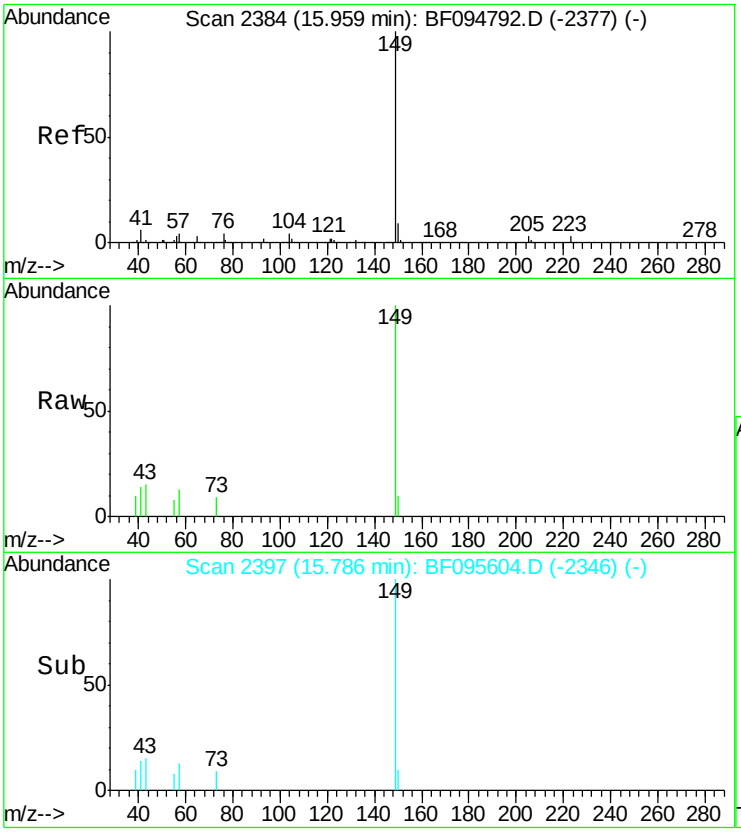


#65
n-Nitrosodiphenylamine
Concen: 0.341 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.16 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:169 Resp: 3613

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	59.9	29.5	44.3#



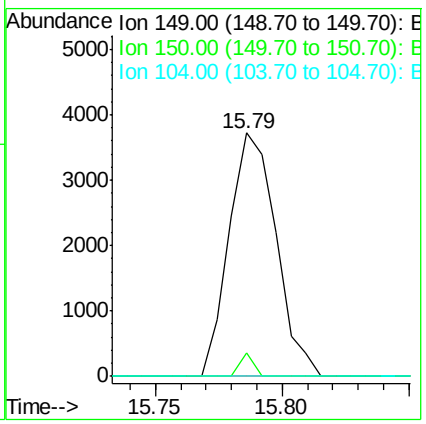


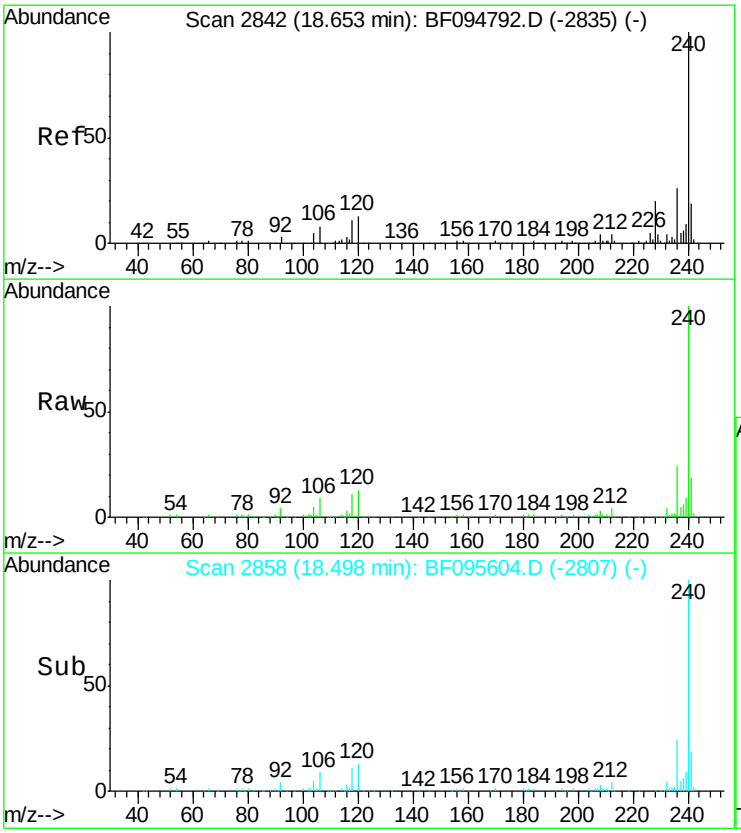
#73
Di-n-butylphthalate
Concen: 0.247 ng
RT: 15.79 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:149 Resp: 4799

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	0.0	4.0	6.0#

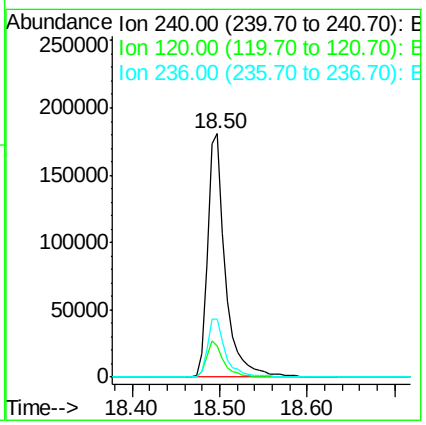


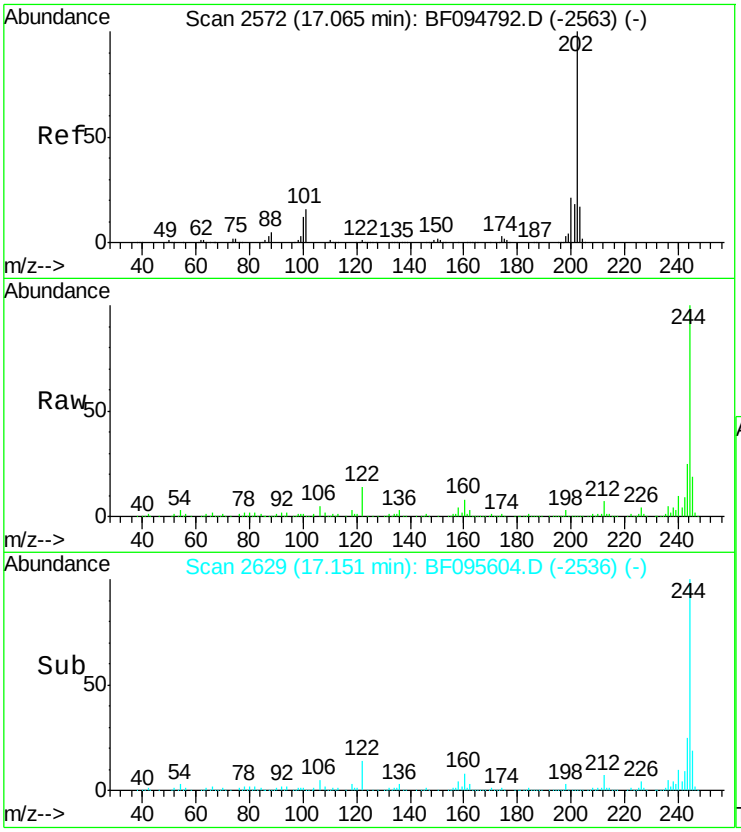


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:240 Resp: 252822

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	23.9	20.5	30.7



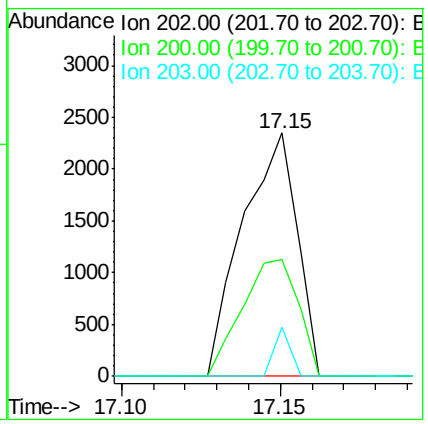


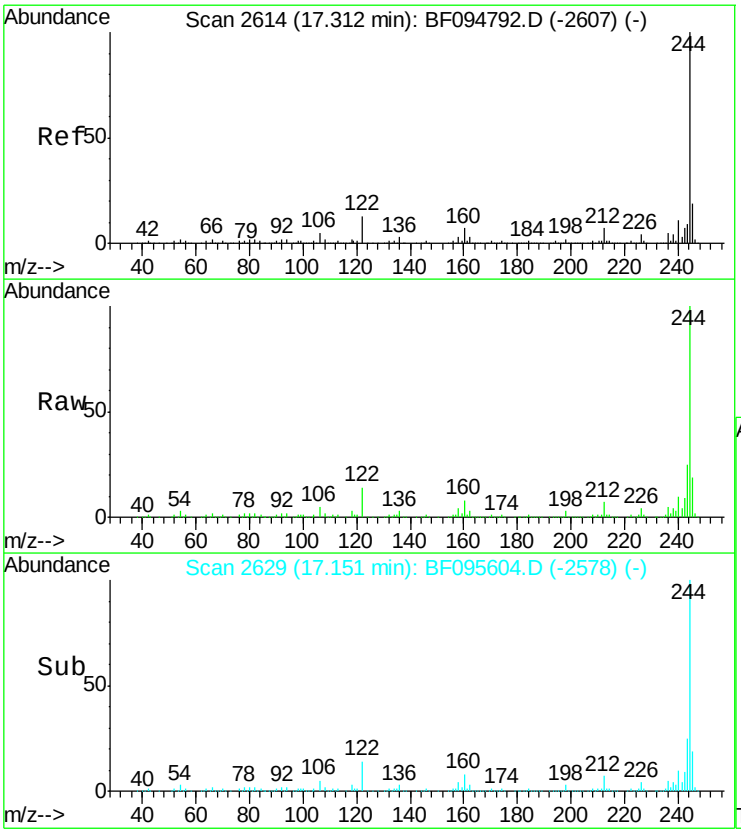
#77
Pyrene
Concen: 0.148 ng
RT: 17.15 min Scan# 2629
Delta R.T. 0.25 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:202 Resp: 2799

Ion	Ratio	Lower	Upper
202	100		
200	48.2	17.6	26.4#
203	20.0	14.4	21.6

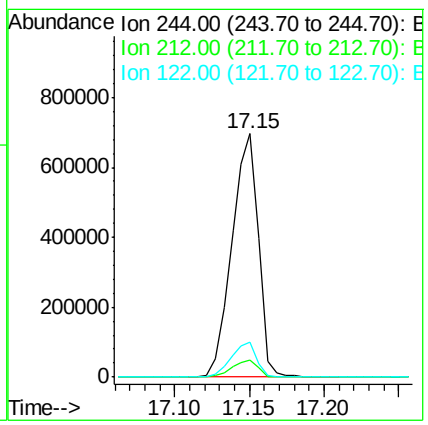


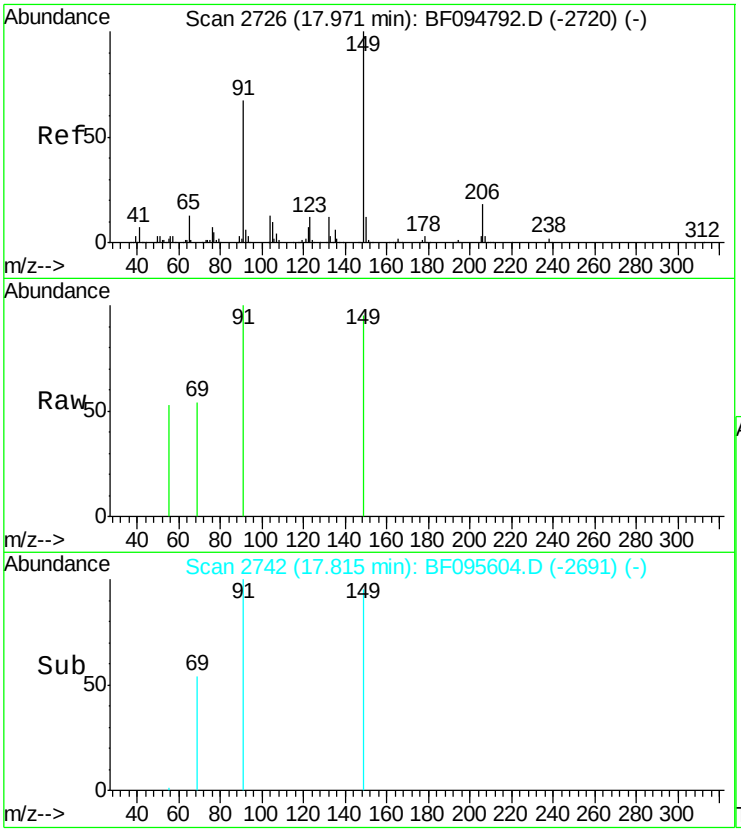


#78
Terphenyl-d14
Concen: 75.369 ng
RT: 17.15 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:244 Resp: 865122

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.2	10.3	15.5



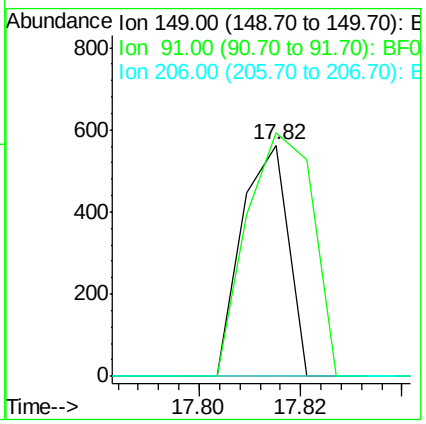


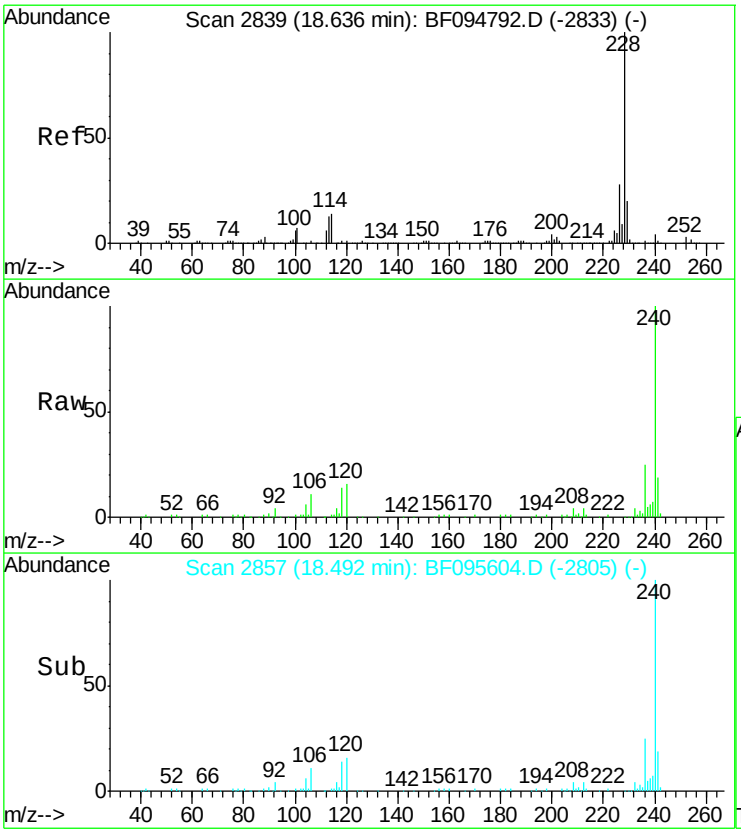
#79
Butylbenzylphthalate
Concen: 0.041 ng
RT: 17.82 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:149 Resp: 357

Ion	Ratio	Lower	Upper
149	100		
91	105.3	45.0	67.4#
206	0.0	17.0	25.6#

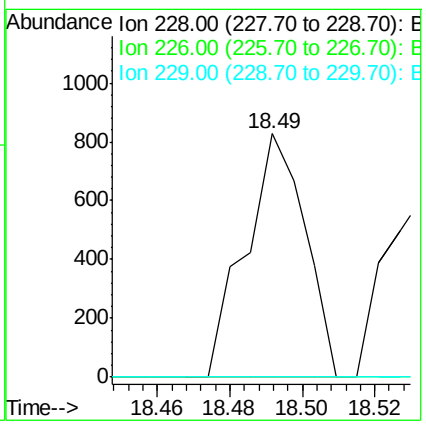


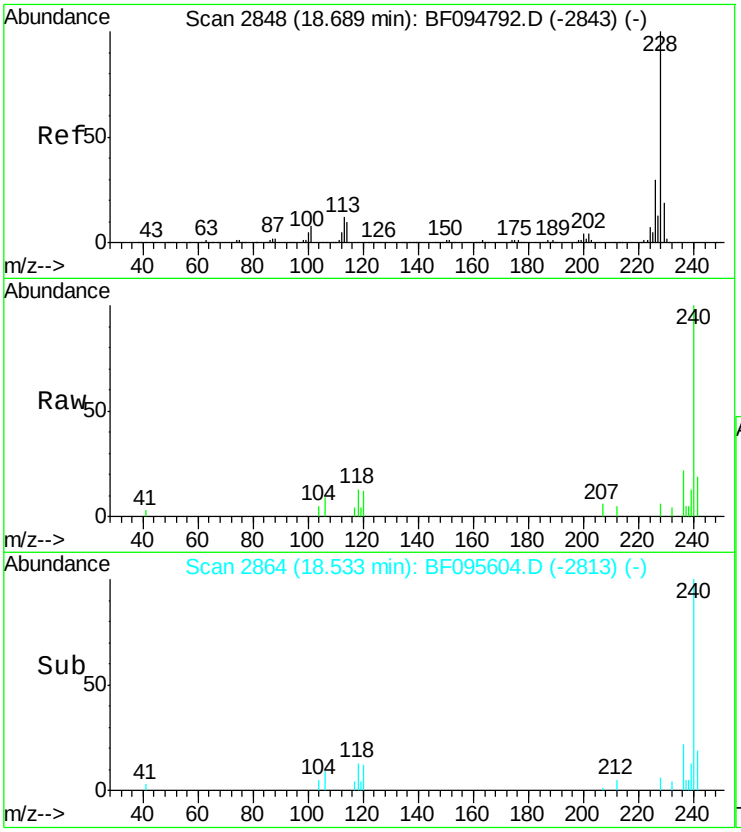


#80
Benzo(a)anthracene
Concen: 0.064 ng
RT: 18.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:228 Resp: 944

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#



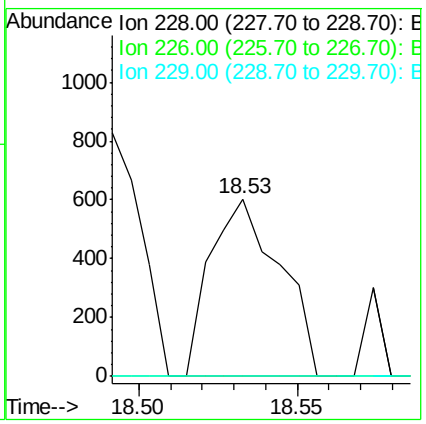


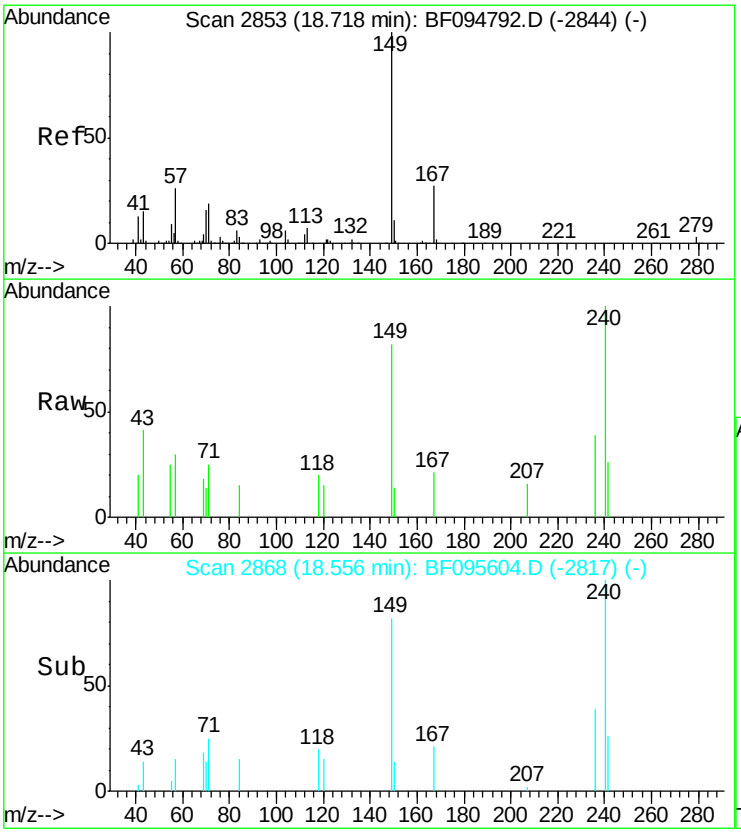
#82
Chrysene
Concen: 0.065 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:228 Resp: 919

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#

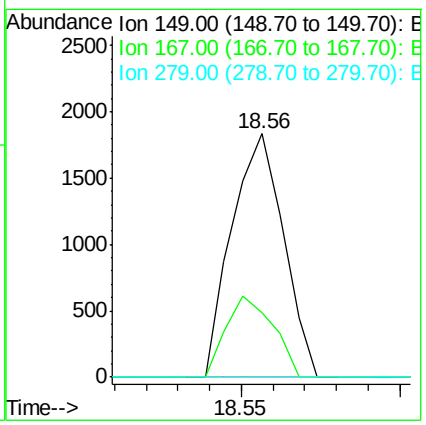


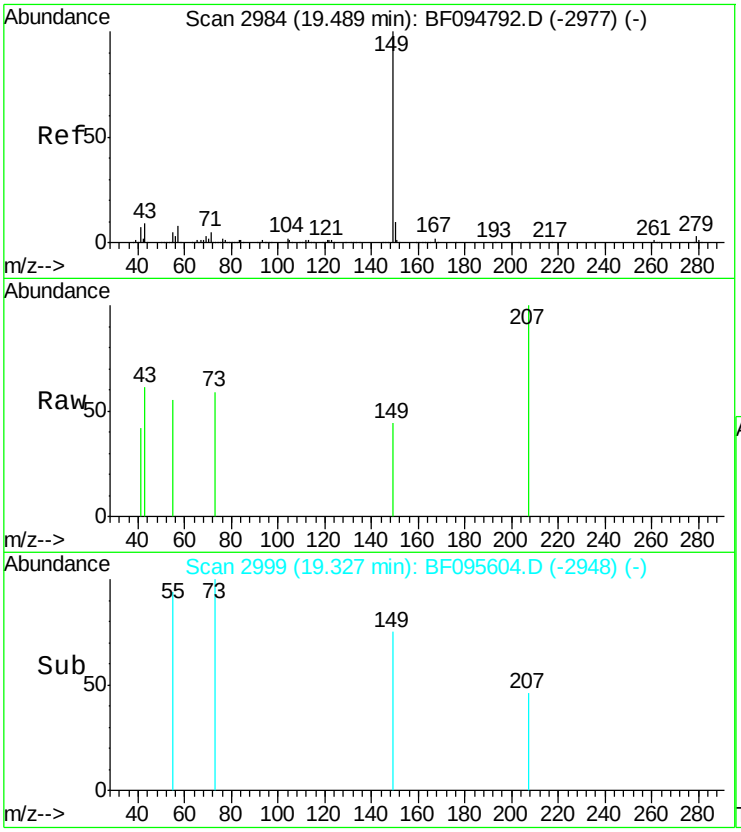


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 18.56 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:149 Resp: 2069

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	0.0	1.9	2.9#



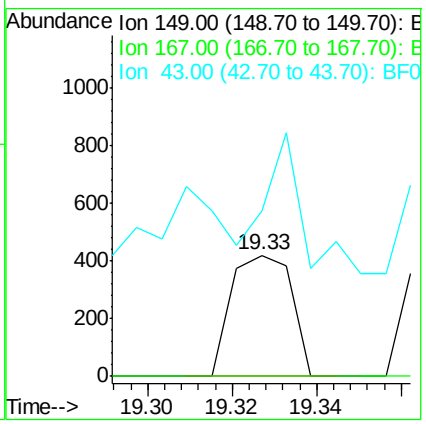


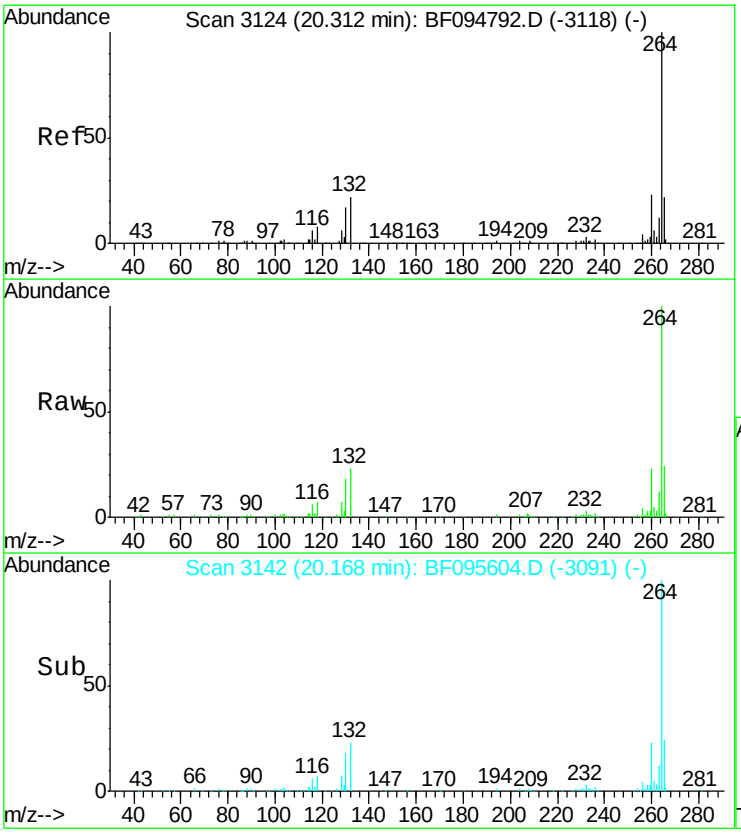
#84
Di-n-octyl phthalate
Concen: 0.020 ng
RT: 19.33 min Scan# 2999
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:149 Resp: 416

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	98.1	8.5	12.7#

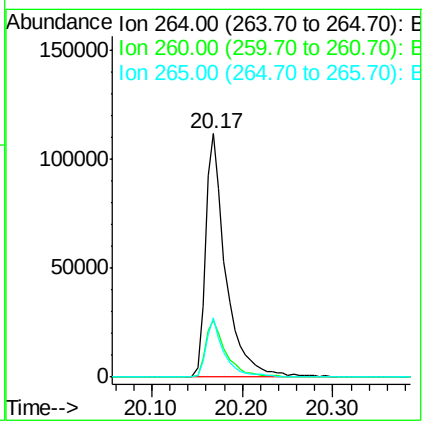


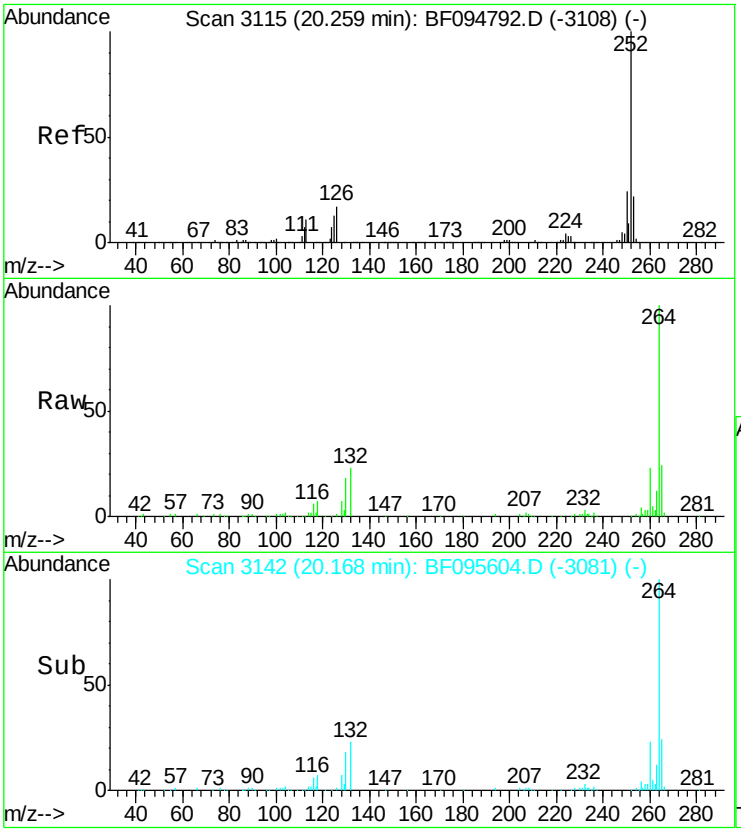


#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Tgt Ion:264 Resp: 173963

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	24.3	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.047 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095604.D
Acq: 1 Jun 2017 20:12

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:252 Resp: 471

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	11.0	16.4#