Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Time: Feb 10 23:08:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164046	20.00	ng		-0.07
21) Naphthalene-d8	8.18	136	662734	20.00	ng		-0.08
38) Acenaphthene-d10	9.94	164	380877	20.00	ng		-0.07
63) Phenanthrene-d10	11.42	188	600443	20.00	ng		-0.07
75) Chrysene-d12	14.05	240	478552	20.00	ng		-0.09
86) Perylene-d12	15.51	264	370079	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	610007	63.80	ng		-0.08
7) Phenol-d6	6.53	99	500729	40.70	ng		-0.07
23) Nitrobenzene-d5	7.47	82	1106282	92.96	ng		-0.07
41) 2,4,6-Tribromophenol	10.73	330	353003	128.14	ng		-0.08
44) 2-Fluorobiphenyl	9.26	172	1977557	94.06	ng		-0.07
78) Terphenyl-d14	13.01	244	1507621	74.02	ng		-0.07
Target Compounds							Qvalue
6) Aniline	6.56	93	60110	3.58	ng	#	48
10) Phenol	6.54	94	45405	3.15	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	60110	5.23	ng	#	23
15) Benzyl Alcohol	7.05	79	18471	2.03	ng	#	43
17) 2-Methylphenol	7.15	107	20615	2.28	ng	#	91
18) Hexachloroethane	7.47	117	168821	39.55	ng	#	4
19) n-Nitroso-di-n-propylamine	7.47	70	149488	19.09	ng	#	77
25) Isophorone	7.47	82	1101119	49.65	ng	#	65
27) 2,4-Dimethylphenol	7.84	122	35461	3.48	ng		99
31) Naphthalene	8.20	128	778496	23.17	ng		99
32) Benzoic acid	7.97	122	53739	15.08	ng	#	13
33) 4-Chloroaniline	8.20	127	112107	8.51	ng	#	31
37) 2-Methylnaphthalene	8.90	142	43697	2.03	ng		98
46) 2-Chloronaphthalene	9.44	162	6361085	294.84	ng		99
47) 2-Nitroaniline	9.47	65	118116	16.28	ng	#	12
51) Acenaphthene	9.97	154	133758	6.00	ng		94
53) 2,4-Dinitrophenol	10.09	184	4189	6.13	ng	#	72
54) Dibenzofuran	10.14	168	117627	3.95	ng	#	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	6950	4.46	ng		92
66) 4-Bromophenyl-phenylether	10.73	248	24966	3.98	ng	#	1

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

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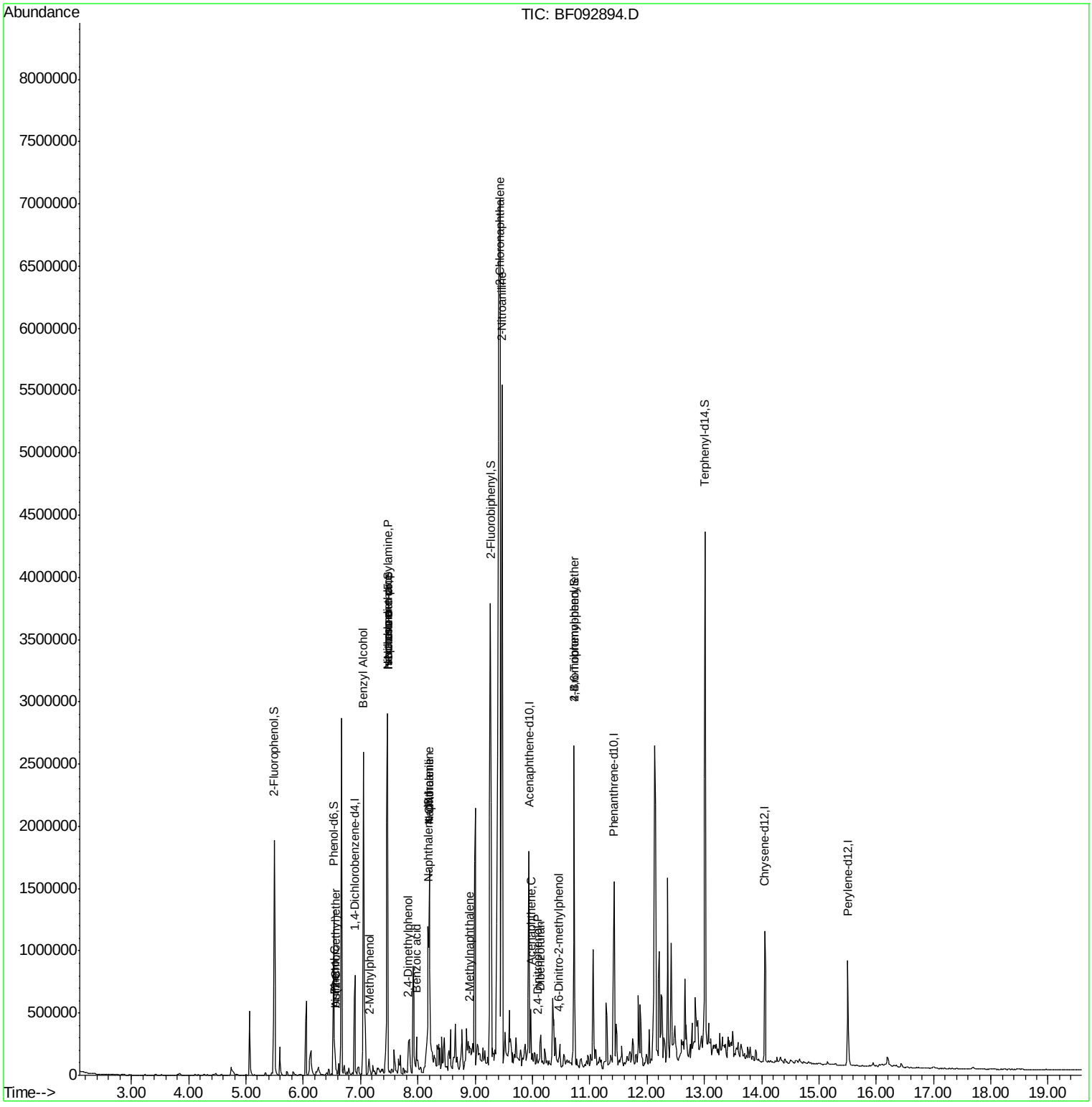
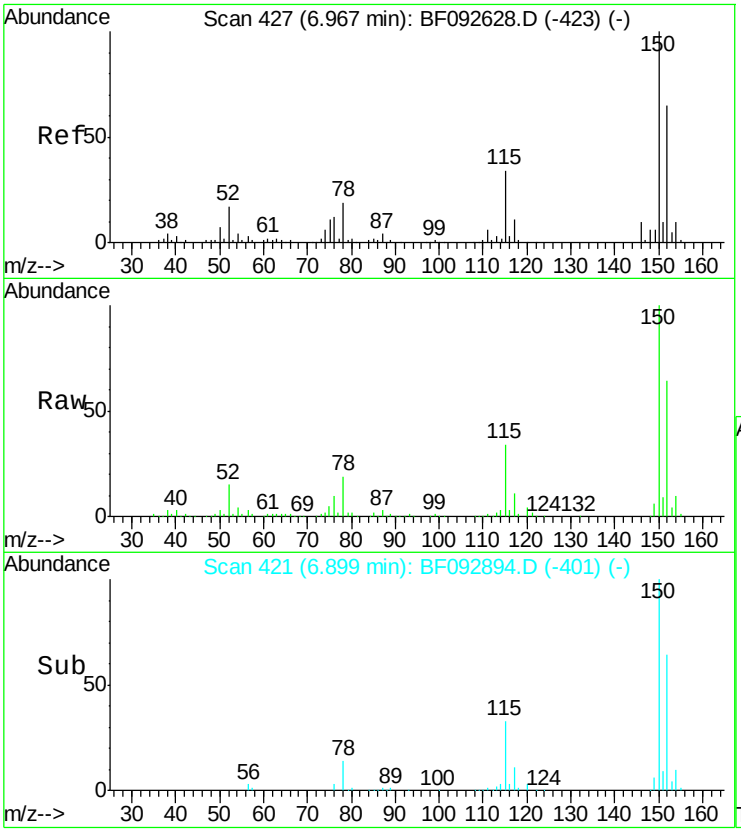


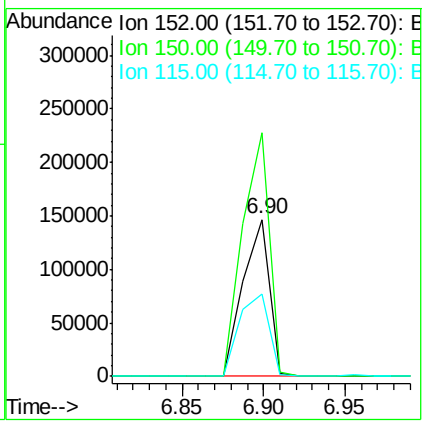


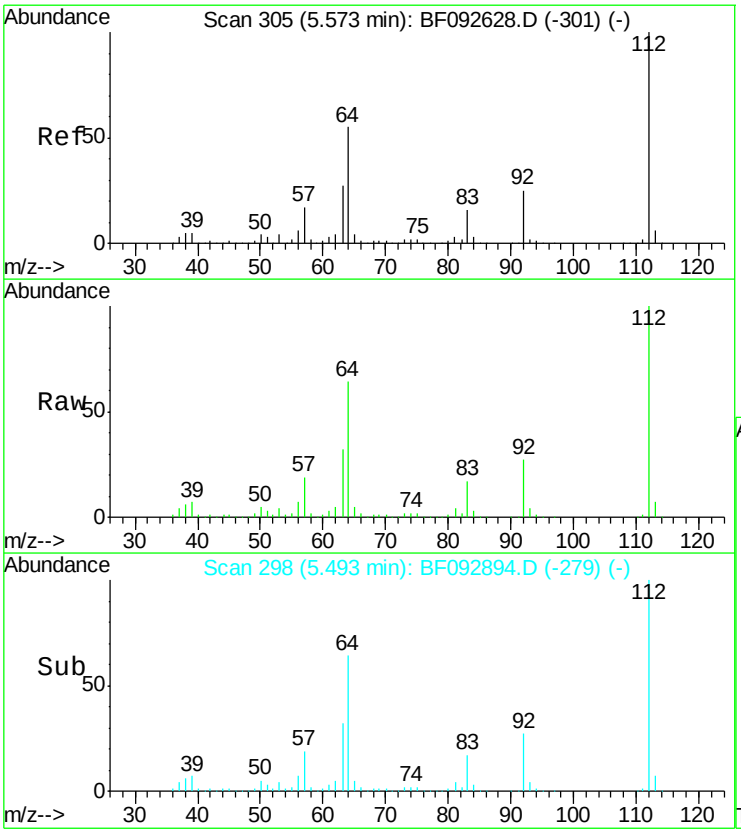
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 164046

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.9	187.3
115	52.2	46.0	69.0

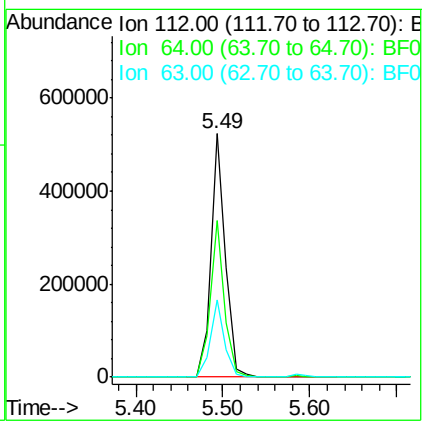


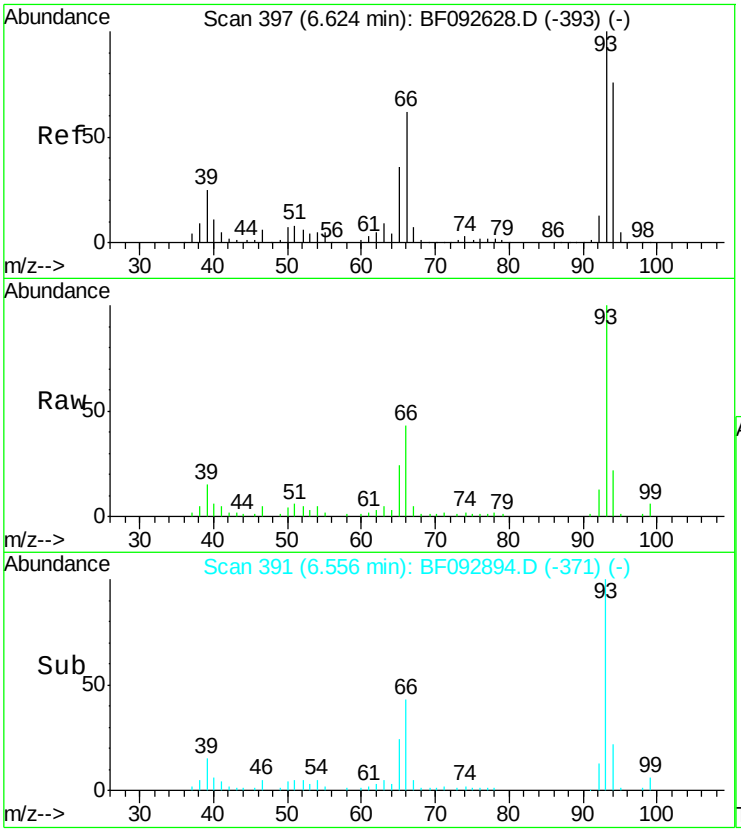


#5
2-Fluorophenol
Concen: 63.80 ng
RT: 5.49 min Scan# 298
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:112 Resp: 610007

Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.1	69.1
63	31.9	23.8	35.6



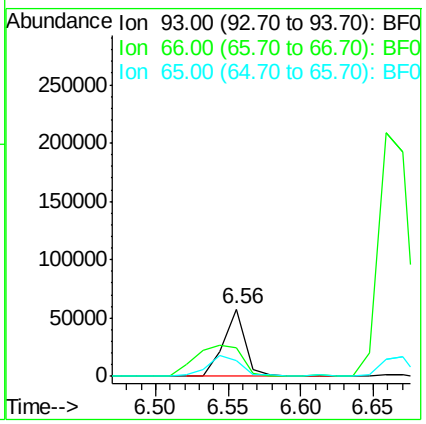


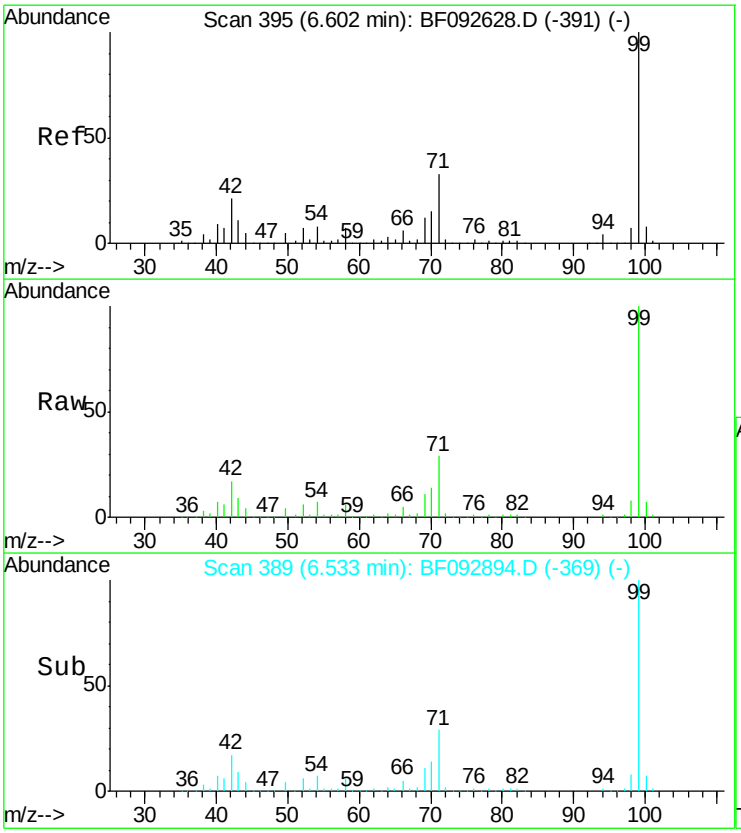
#6
Aniline
Concen: 3.58 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 93 Resp: 60110

Ion	Ratio	Lower	Upper
93	100		
66	42.6	76.2	114.2#
65	23.5	49.3	73.9#

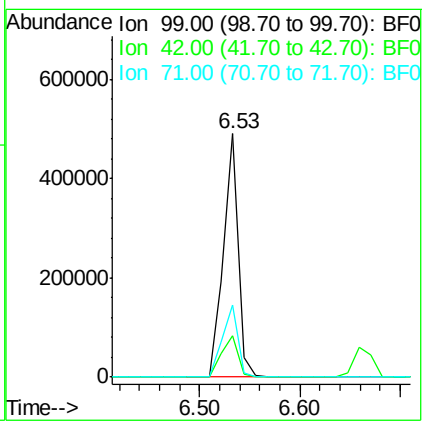


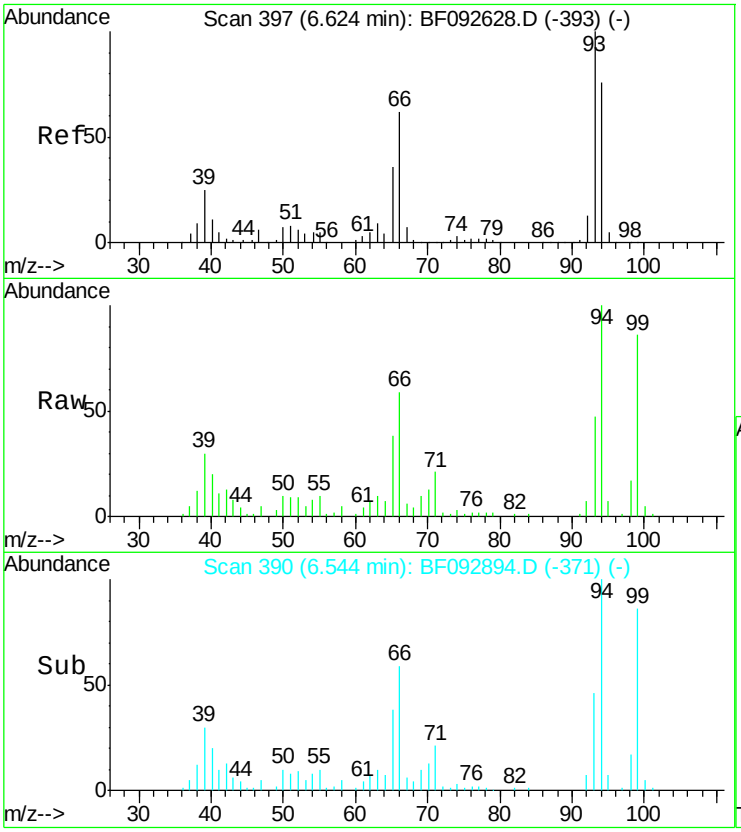


#7
Phenol-d6
Concen: 40.70 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion: 99 Resp: 500729

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	29.4	27.5	41.3



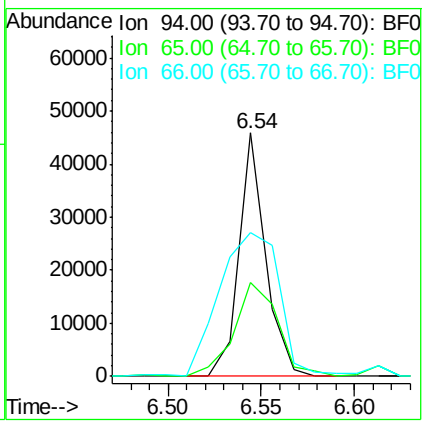


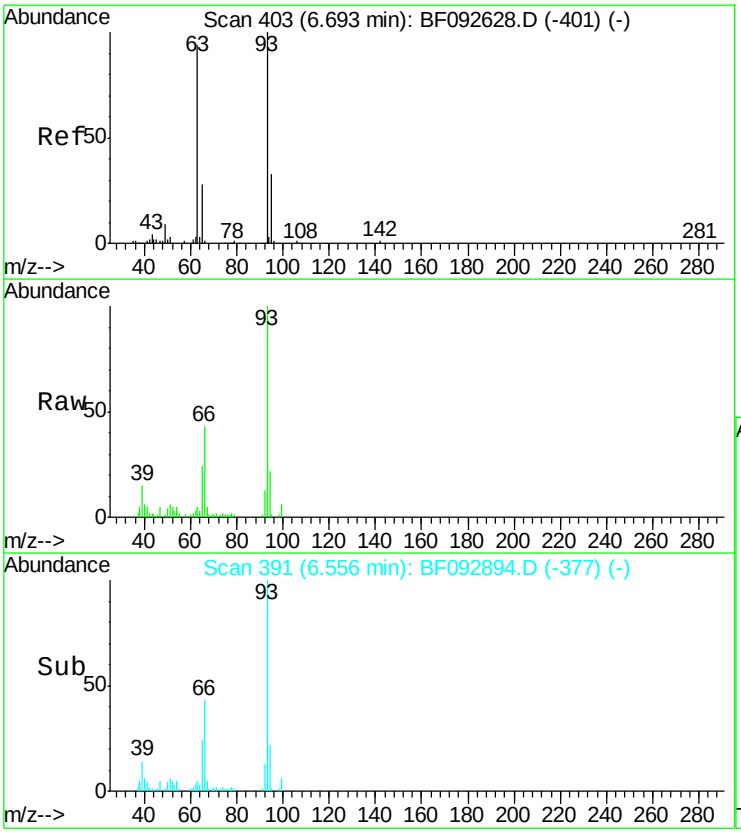
#10
Phenol
Concen: 3.15 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 94 Resp: 45405

Ion	Ratio	Lower	Upper
94	100		
65	38.4	21.4	61.4
66	58.9	44.0	84.0

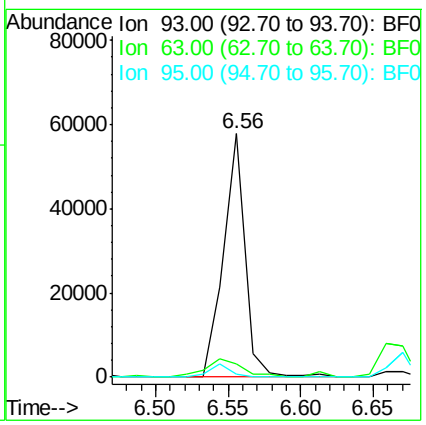


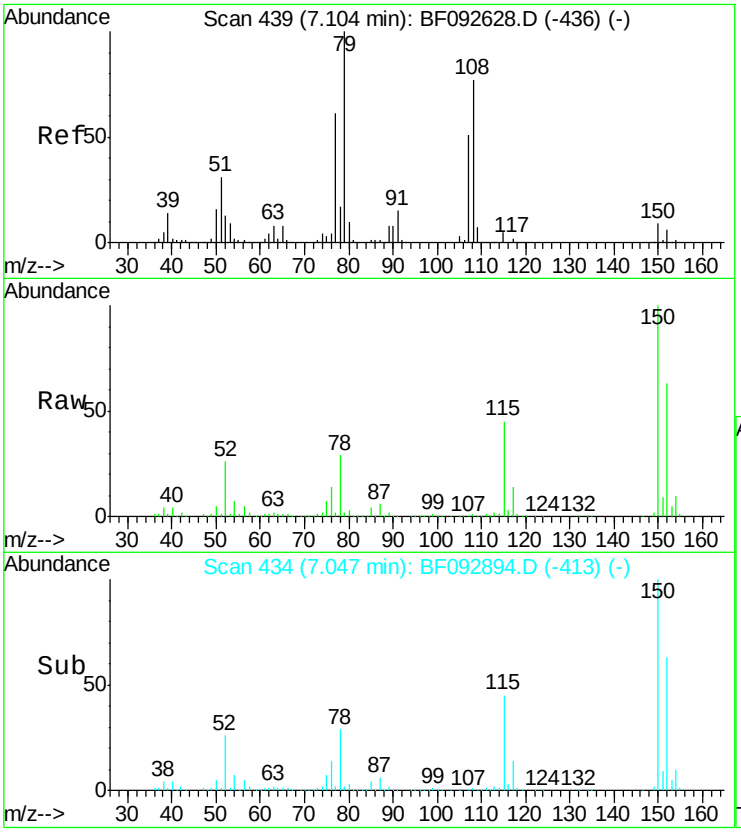


#11
bis(2-Chloroethyl)ether
Concen: 5.23 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.14 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion: 93 Resp: 60110

Ion	Ratio	Lower	Upper
93	100		
63	5.3	60.4	100.4#
95	1.2	12.8	52.8#



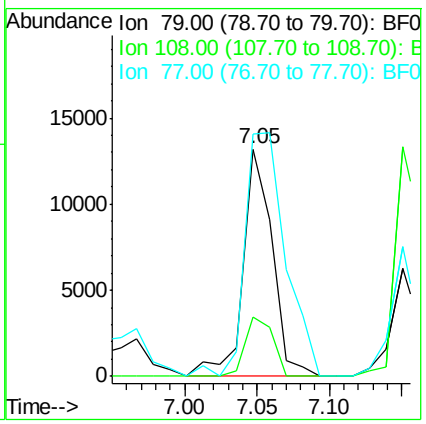


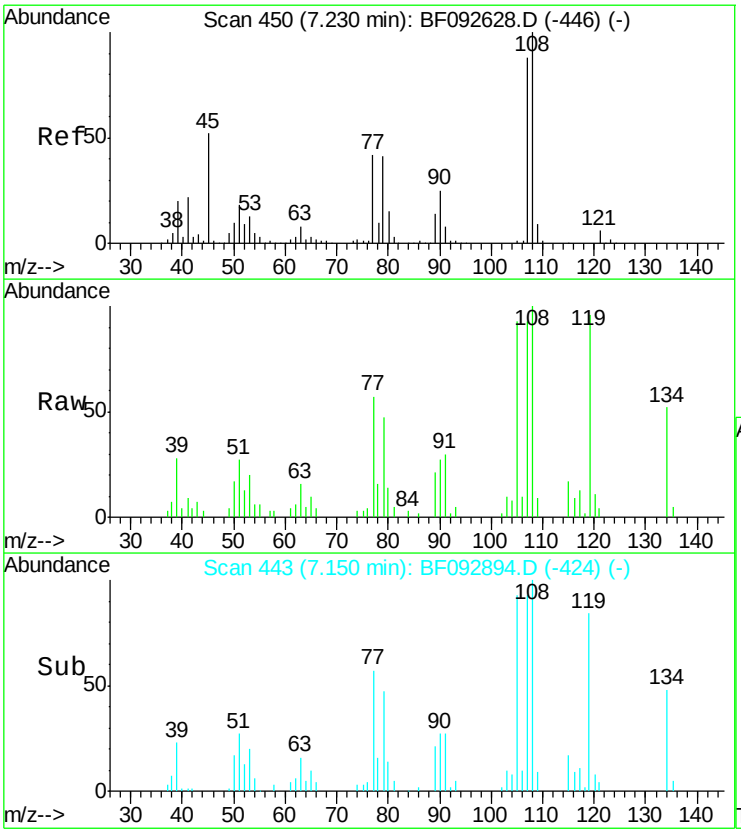
#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 79 Resp: 18471

Ion	Ratio	Lower	Upper
79	100		
108	26.1	61.4	92.0#
77	106.8	50.9	76.3#

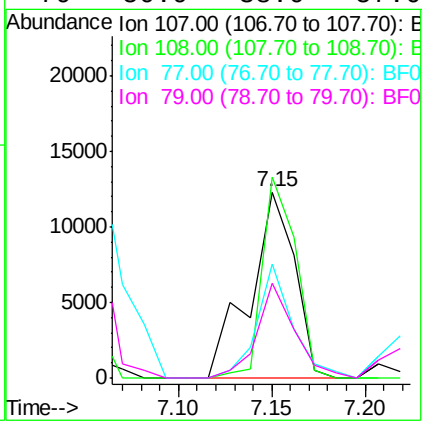


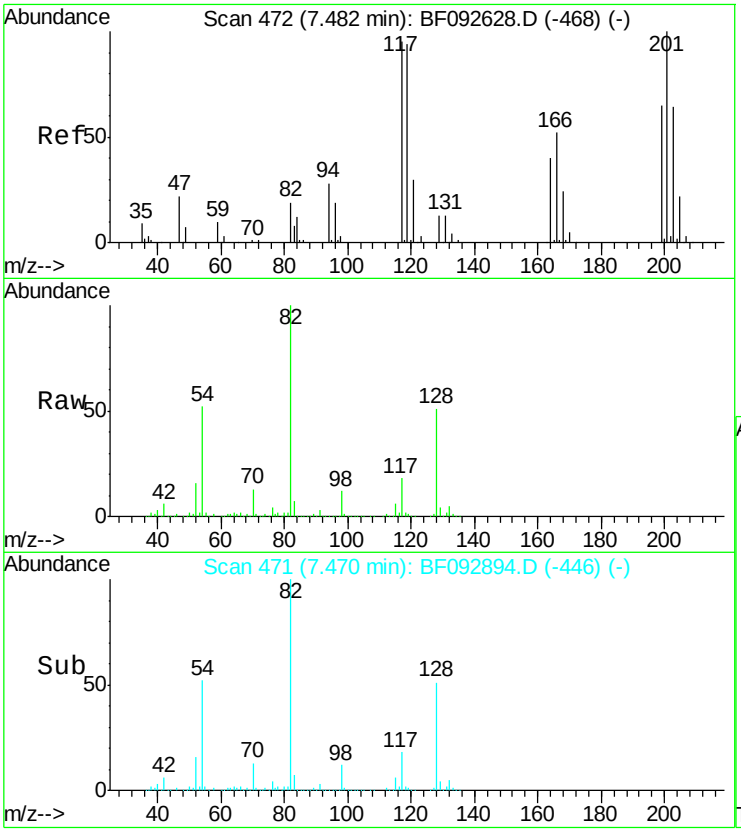


#17
2-Methylphenol
Concen: 2.28 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:107 Resp: 20615

Ion	Ratio	Lower	Upper
107	100		
108	108.0	93.0	139.6
77	61.3	39.8	59.8#
79	50.9	38.0	57.0



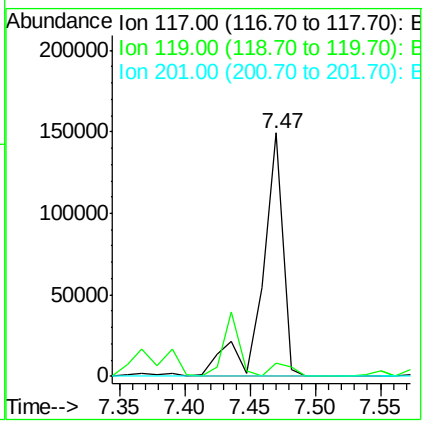


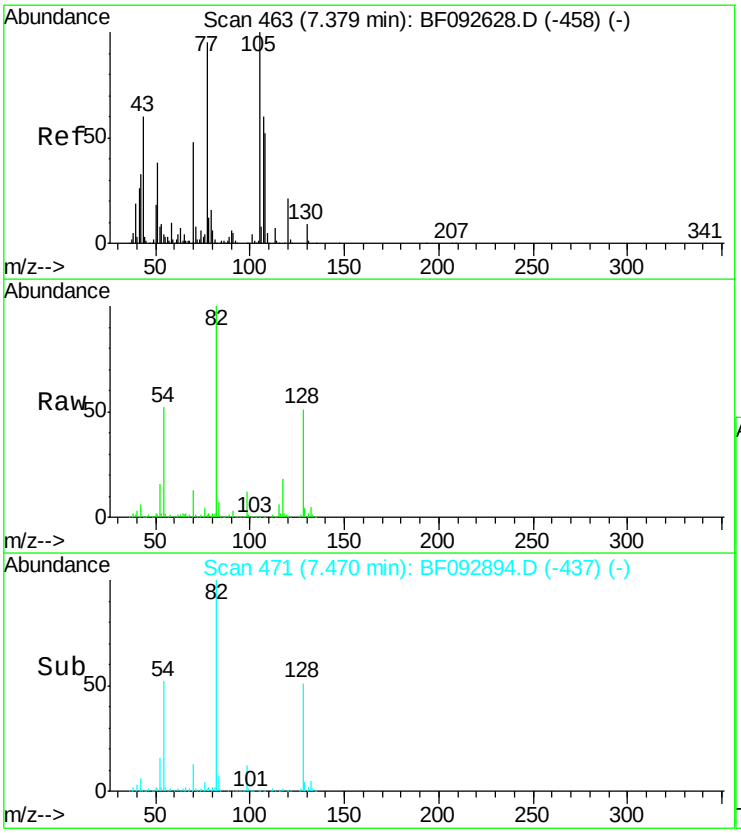
#18
Hexachloroethane
Concen: 39.55 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 168821

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.1	117.1#
201	0.0	78.6	117.8#

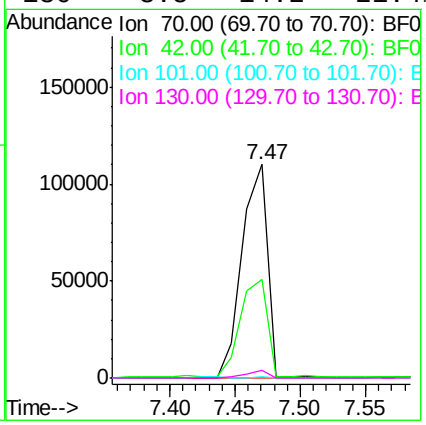


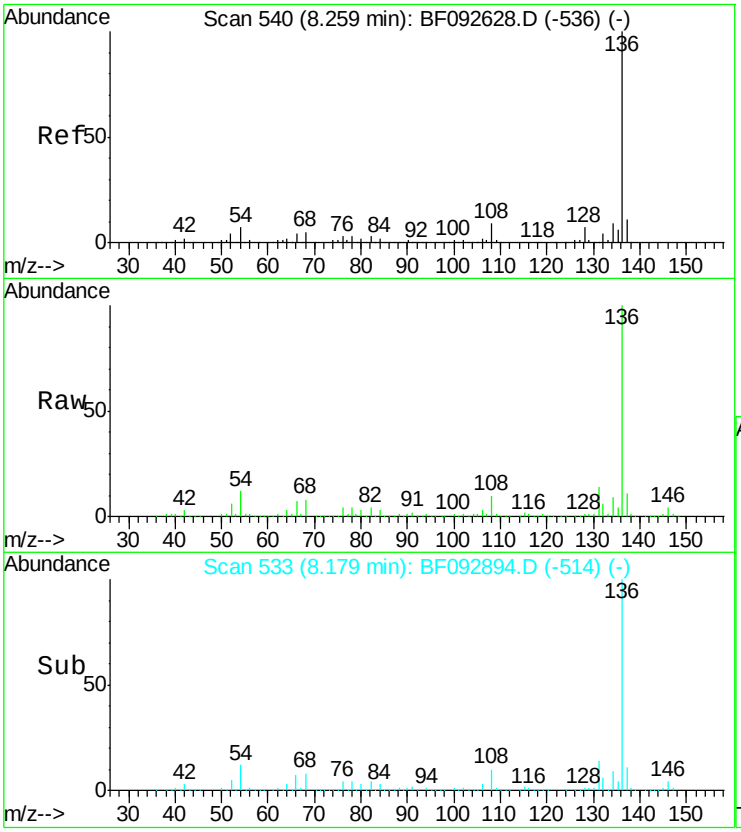


#19
n-Nitroso-di-n-propylamine
Concen: 19.09 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion: 70 Resp: 149488

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.4	74.0#
101	0.5	7.4	11.2#
130	3.5	14.2	21.4#



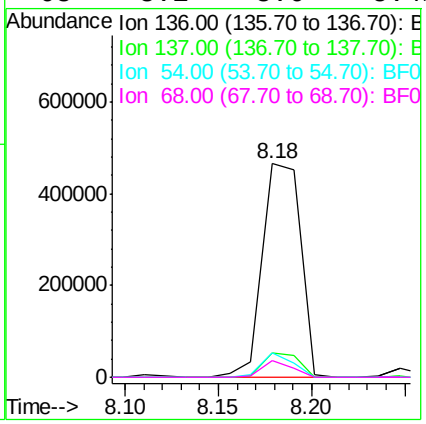


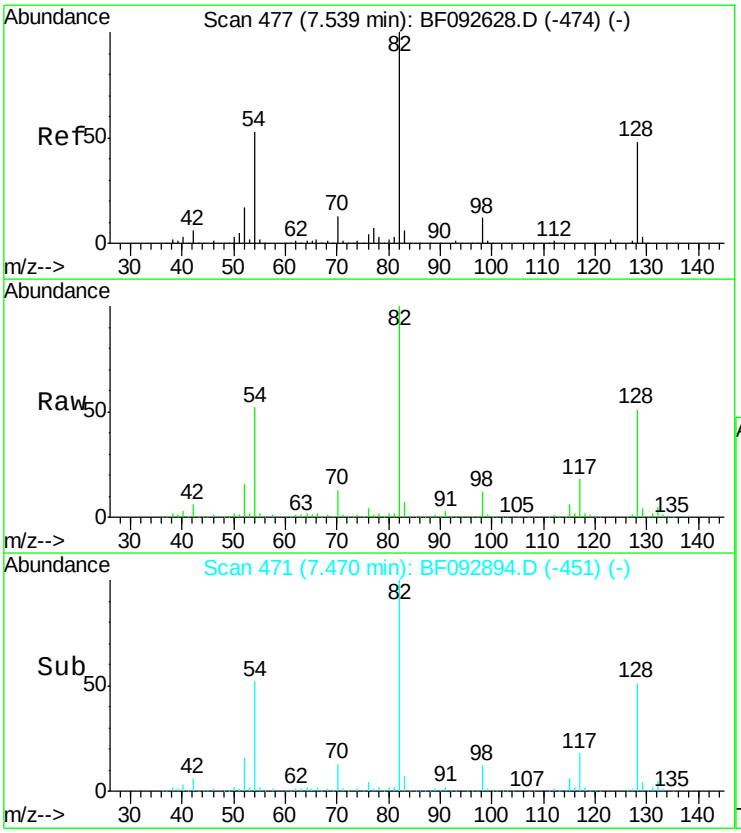
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:136 Resp: 662734

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.7	4.5	6.7#
68	8.1	3.6	5.4#

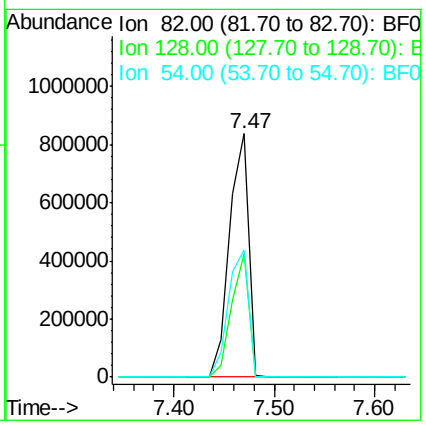


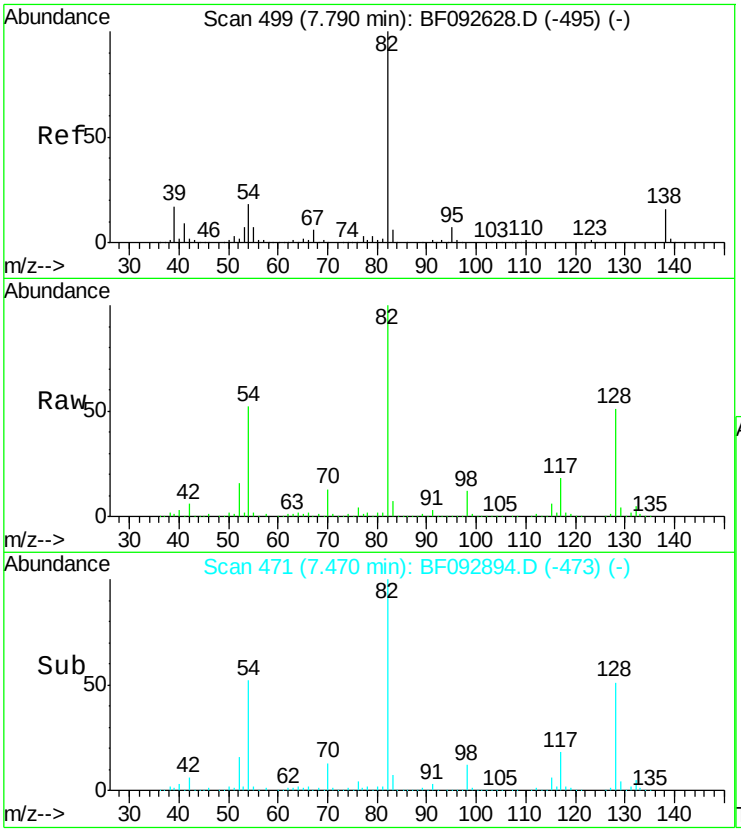


#23
Nitrobenzene-d5
Concen: 92.96 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion: 82 Resp: 1106282

Ion	Ratio	Lower	Upper
82	100		
128	50.6	34.6	52.0
54	52.2	39.5	59.3



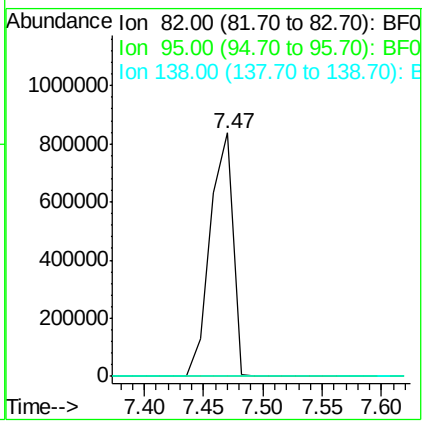


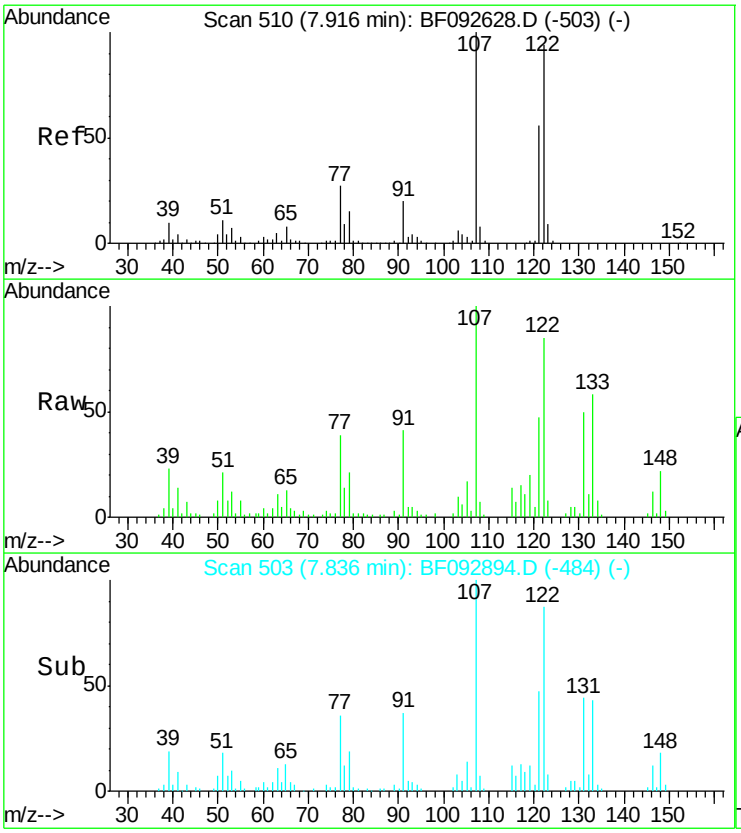
#25
Isophorone
Concen: 49.65 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.32 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 1101119

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

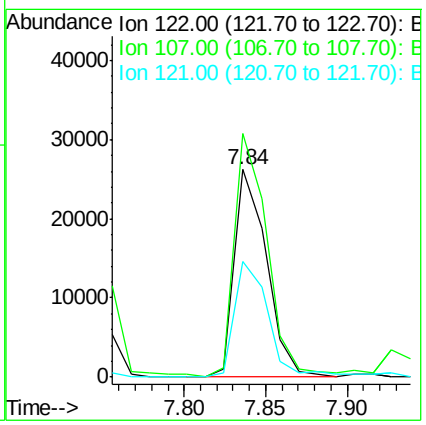


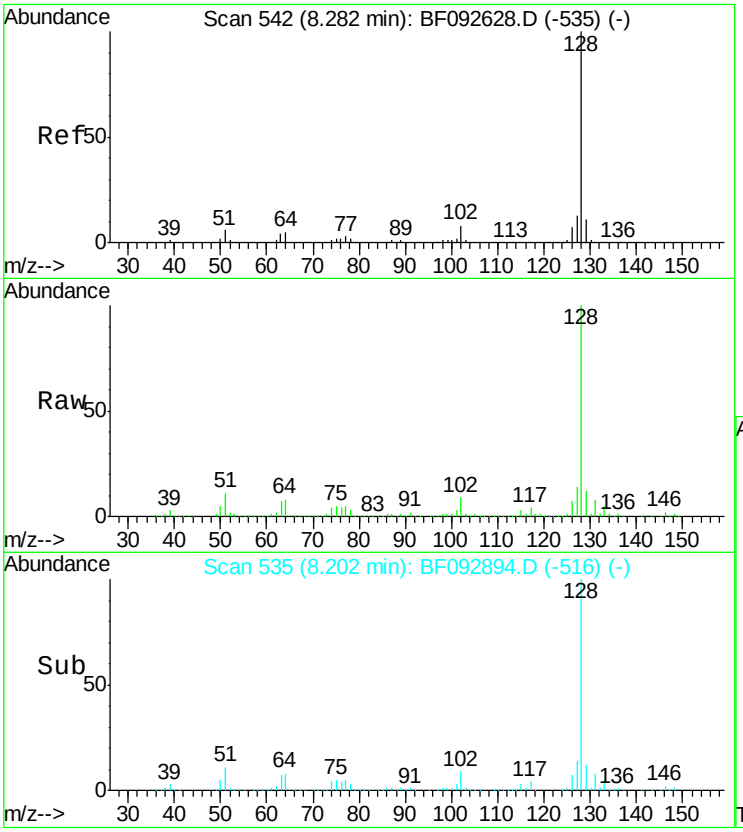


#27
2,4-Dimethylphenol
Concen: 3.48 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:122 Resp: 35461

Ion	Ratio	Lower	Upper
122	100		
107	117.5	94.1	141.1
121	55.5	46.0	69.0



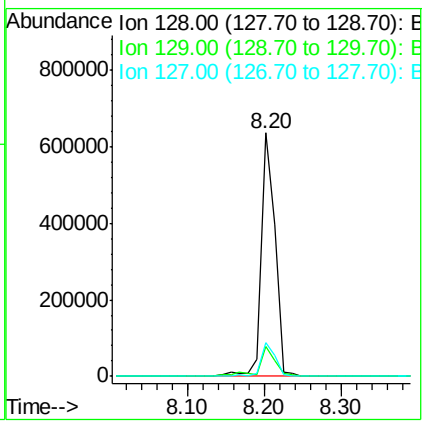


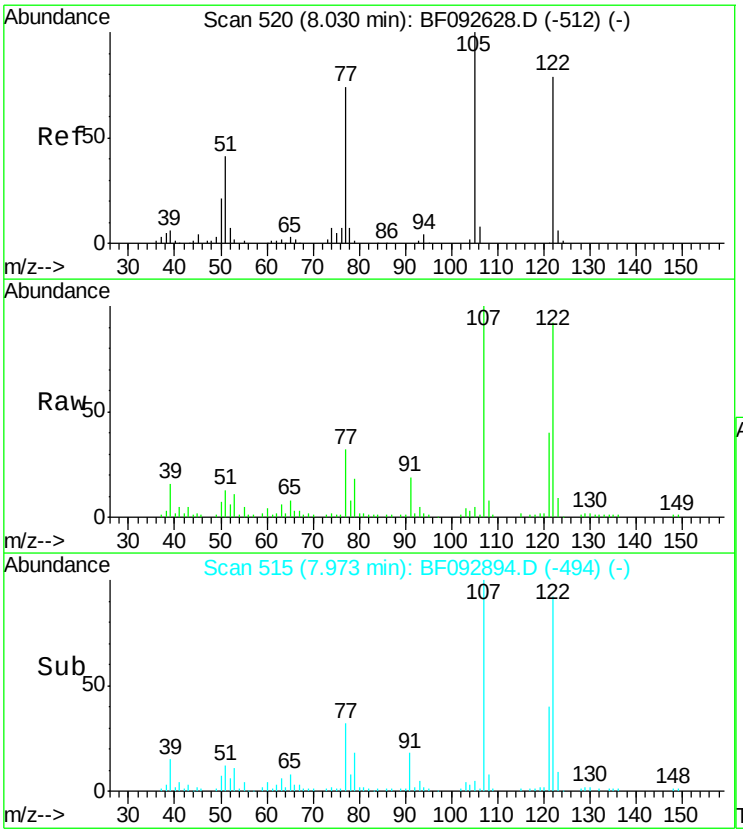
#31
Naphthalene
Concen: 23.17 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 778496

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.5	14.3
127	13.9	10.8	16.2

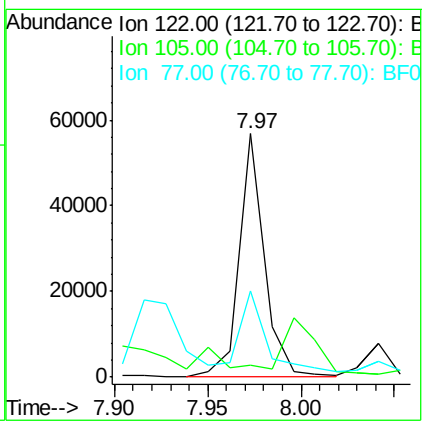


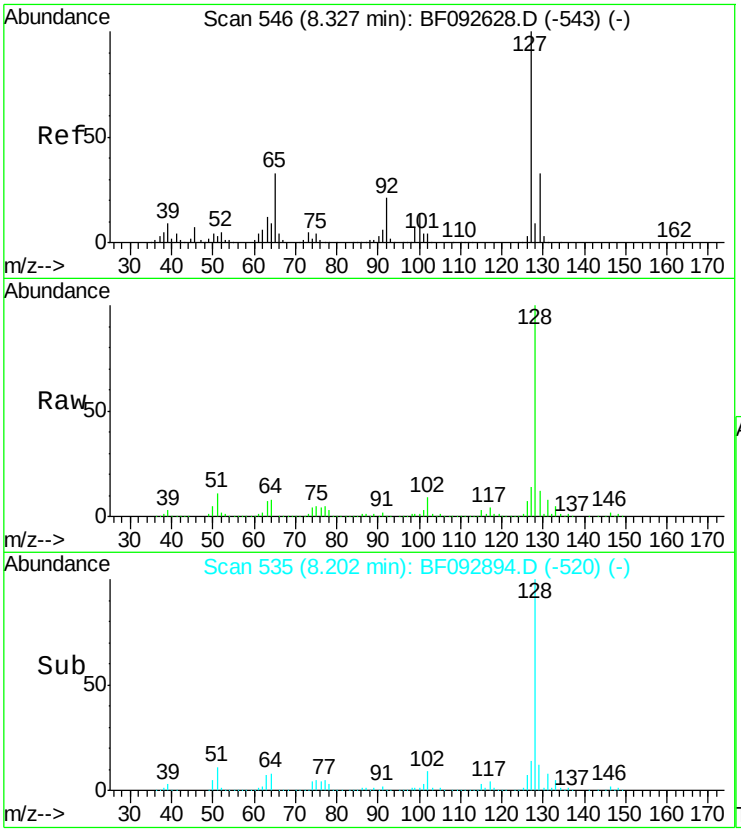


#32
Benzoic acid
Concen: 15.08 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.06 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:122 Resp: 53739

Ion	Ratio	Lower	Upper
122	100		
105	5.1	107.2	147.2#
77	35.2	74.5	114.5#



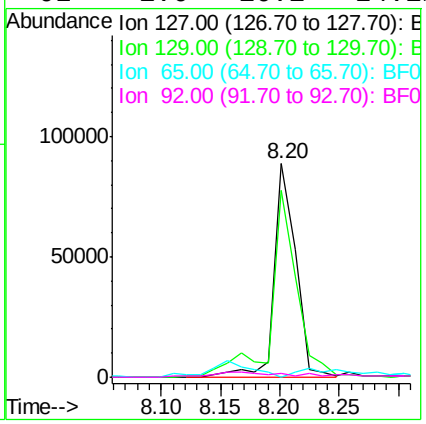


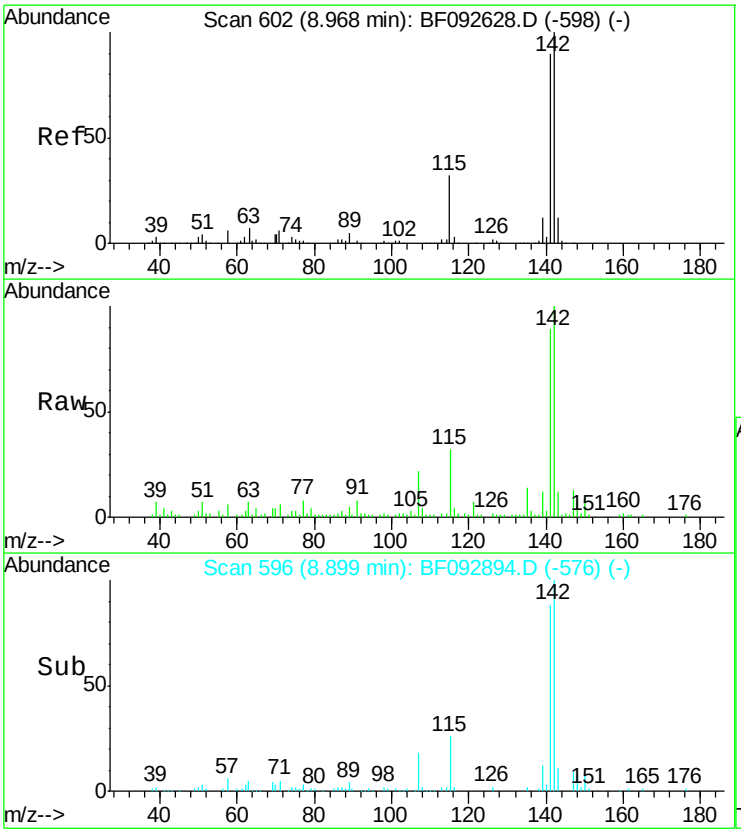
#33
4-Chloroaniline
Concen: 8.51 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.13 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:127 Resp: 112107

Ion	Ratio	Lower	Upper
127	100		
129	87.4	26.3	39.5#
65	0.0	25.8	38.8#
92	1.6	16.1	24.1#

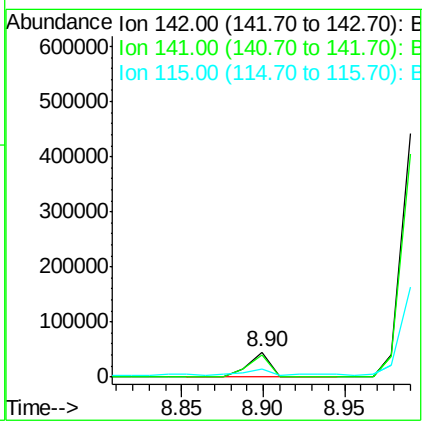


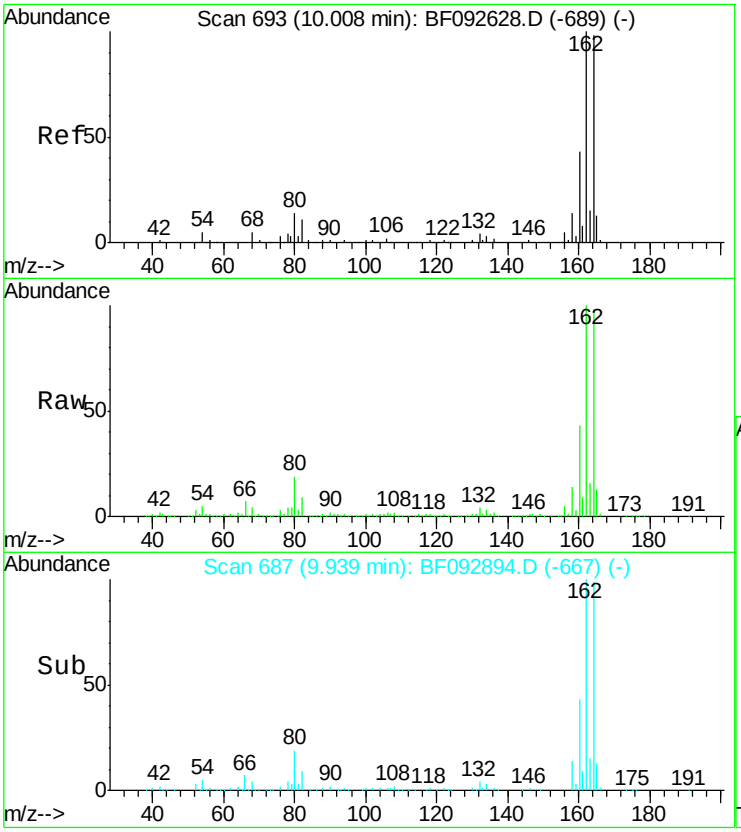


#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:142 Resp: 43697

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	32.3	28.3	42.5



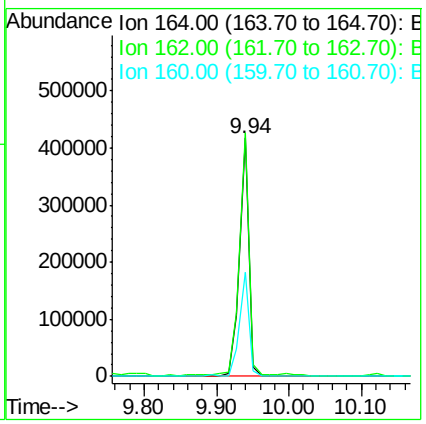


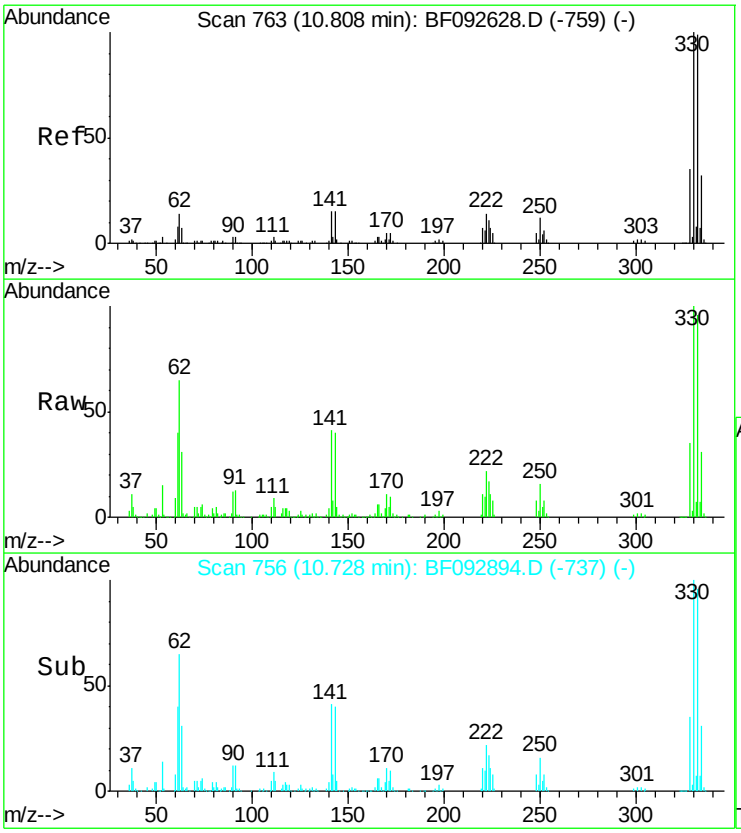
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 380877

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	43.4	36.9	55.3

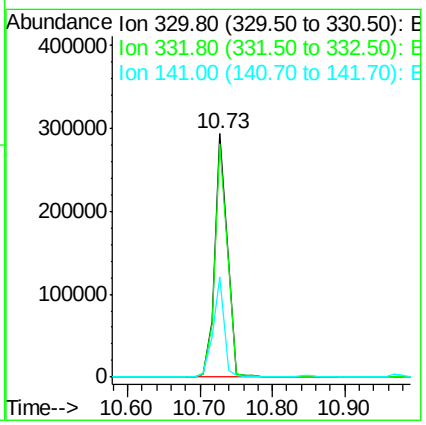


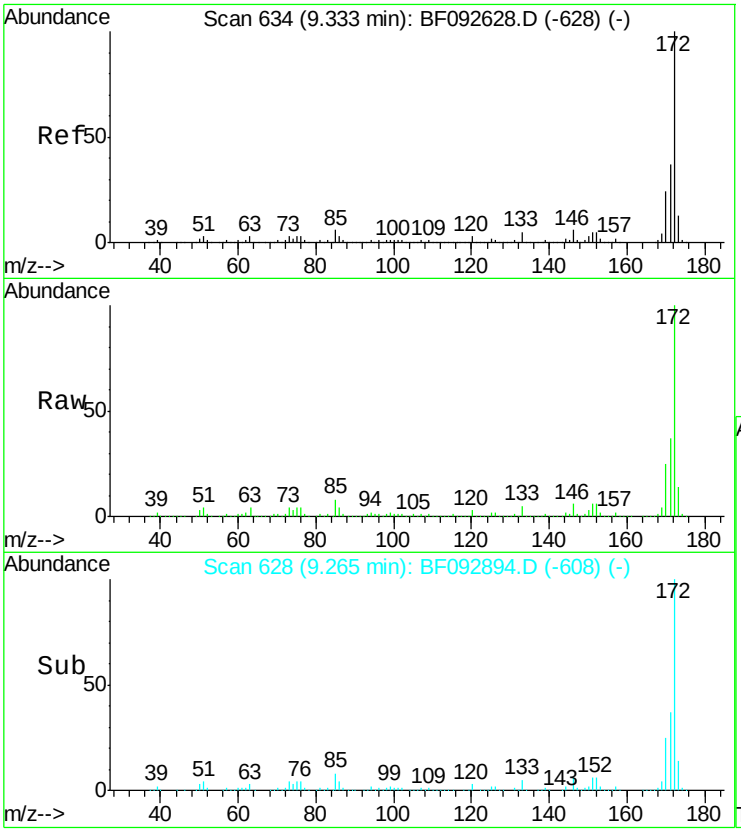


#41
2,4,6-Tribromophenol
Concen: 128.14 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:330 Resp: 353003

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	35.9	34.1	51.1



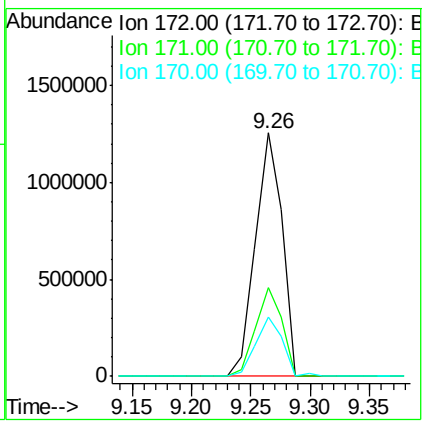


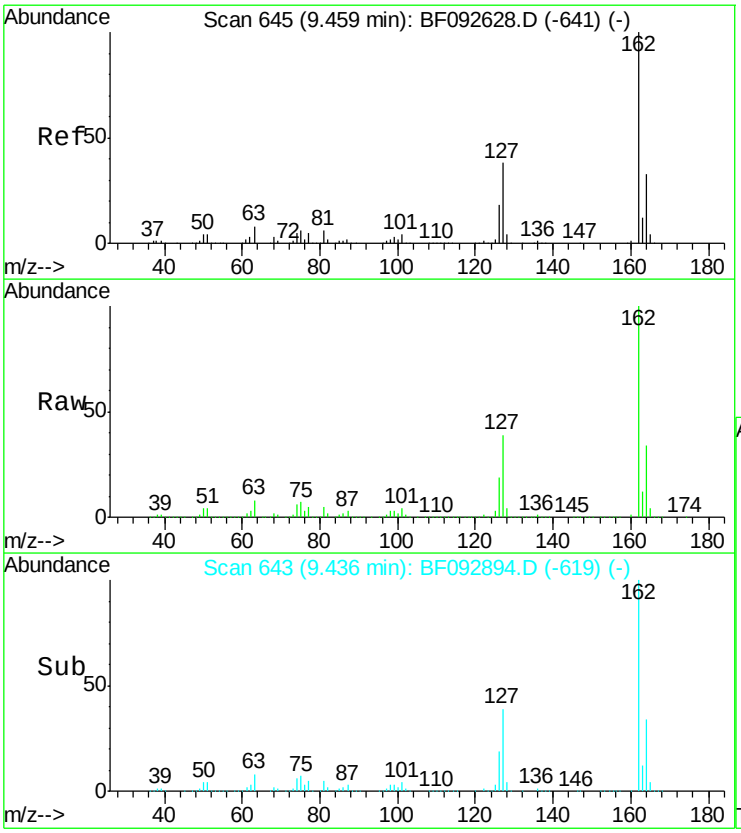
#44
2-Fluorobiphenyl
Concen: 94.06 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 1977557

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	20.2	30.4

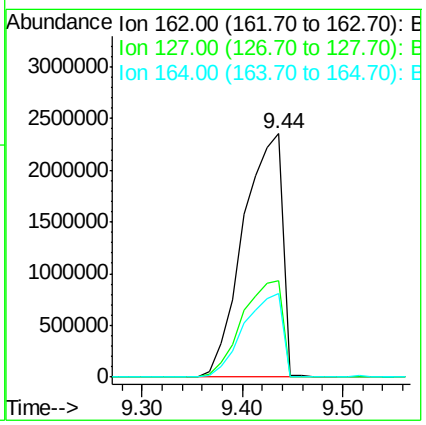


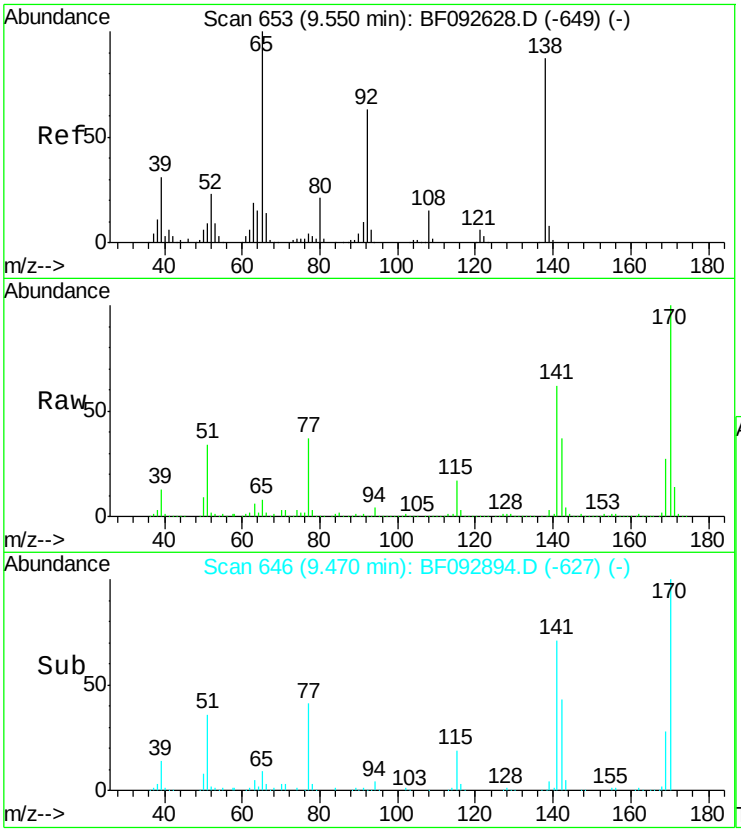


#46
2-Chloronaphthalene
Concen: 294.84 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:162 Resp: 6361085

Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	34.3	27.6	41.4



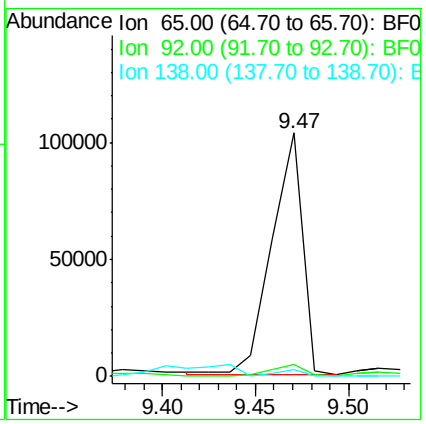


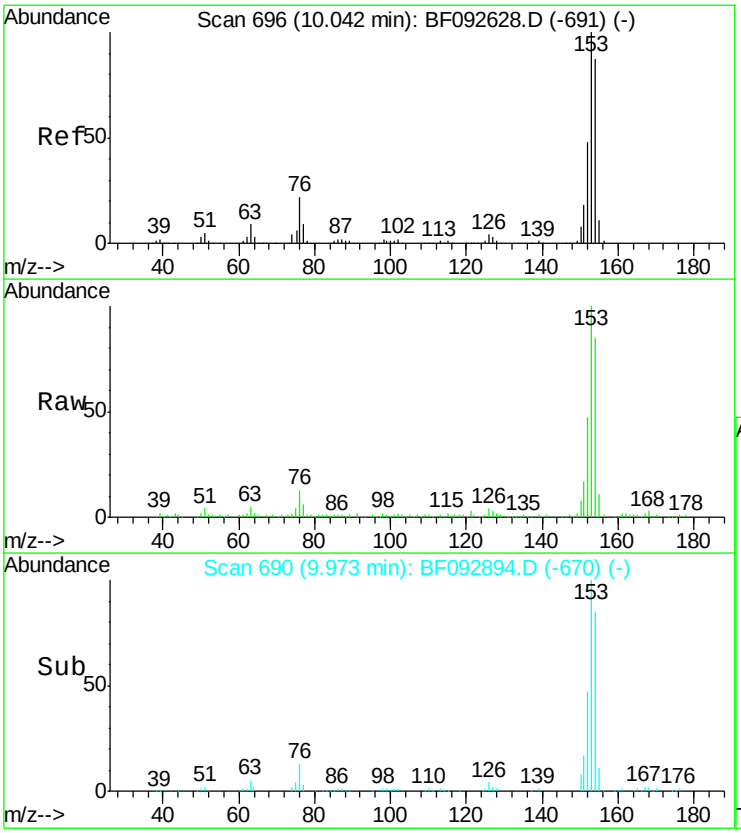
#47
2-Nitroaniline
Concen: 16.28 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.08 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 65 Resp: 118116

Ion	Ratio	Lower	Upper
65	100		
92	5.1	53.9	80.9#
138	2.6	76.8	115.2#

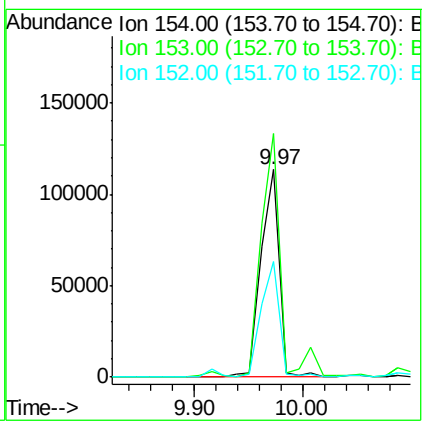


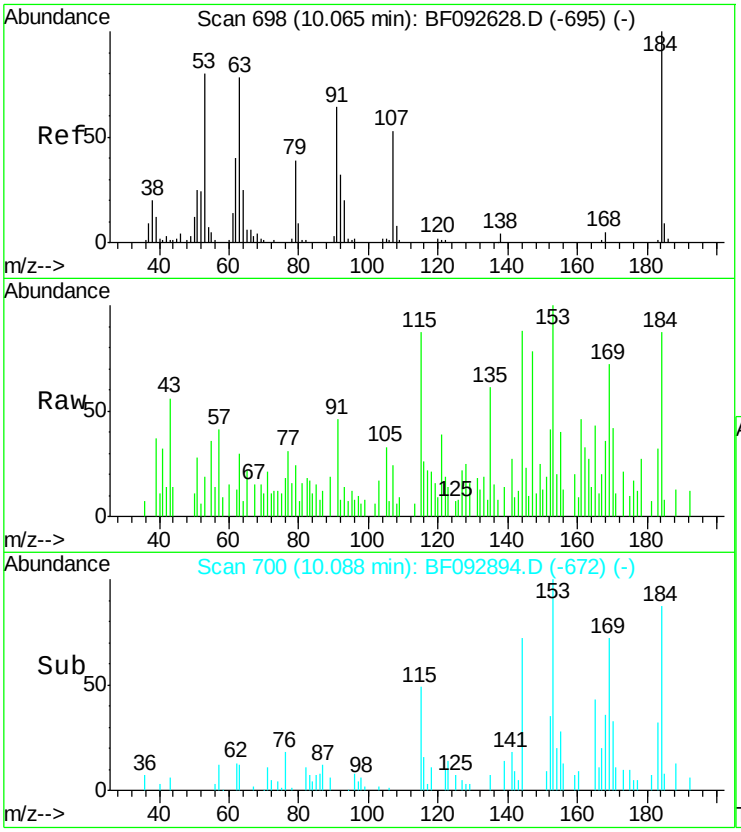


#51
Acenaphthene
Concen: 6.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:154 Resp: 133758

Ion	Ratio	Lower	Upper
154	100		
153	117.3	88.6	133.0
152	55.7	41.6	62.4



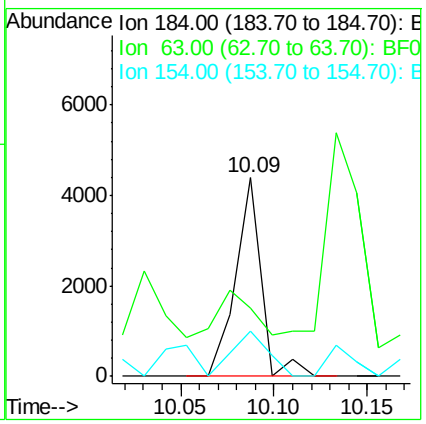


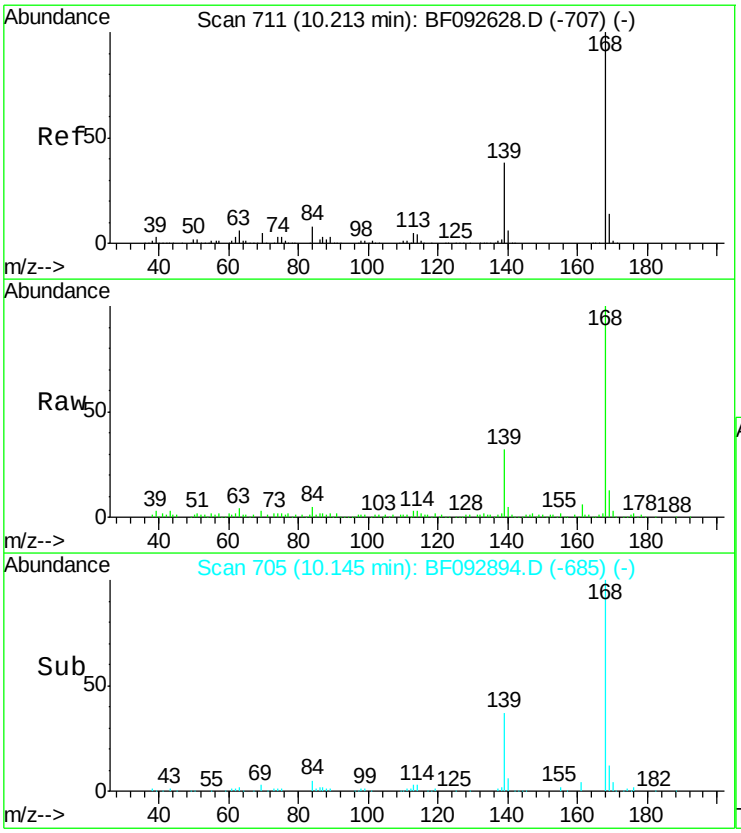
#53
2,4-Dinitrophenol
Concen: 6.13 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:184 Resp: 4189

Ion	Ratio	Lower	Upper
184	100		
63	34.3	28.4	42.6
154	23.0	44.3	66.5#

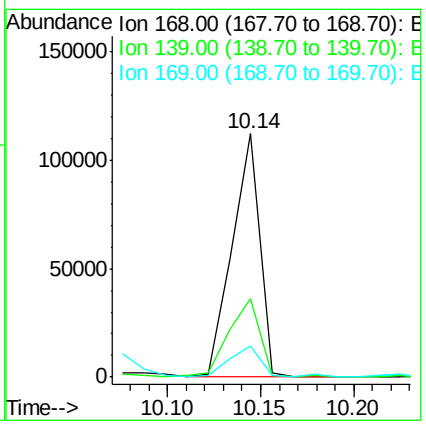


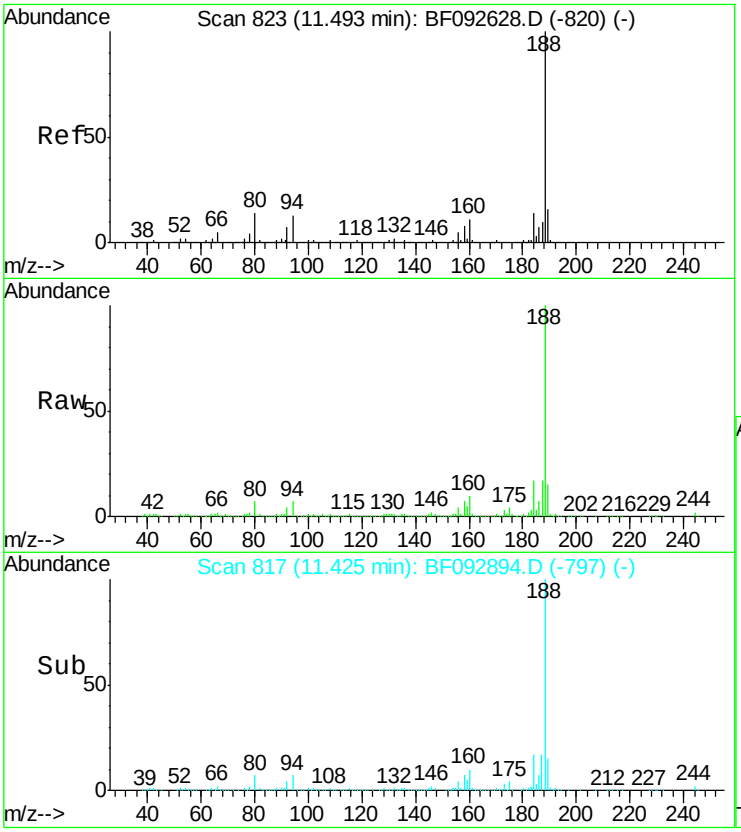


#54
Dibenzofuran
Concen: 3.95 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:168 Resp: 117627

Ion	Ratio	Lower	Upper
168	100		
139	32.0	32.6	49.0#
169	12.5	11.3	16.9



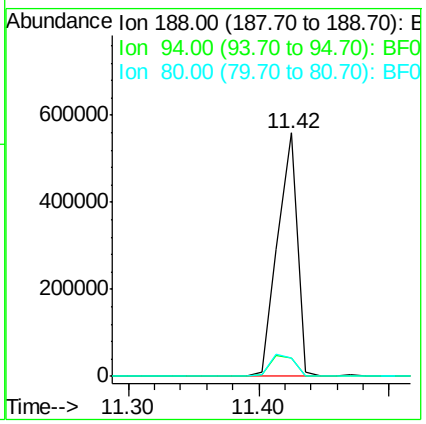


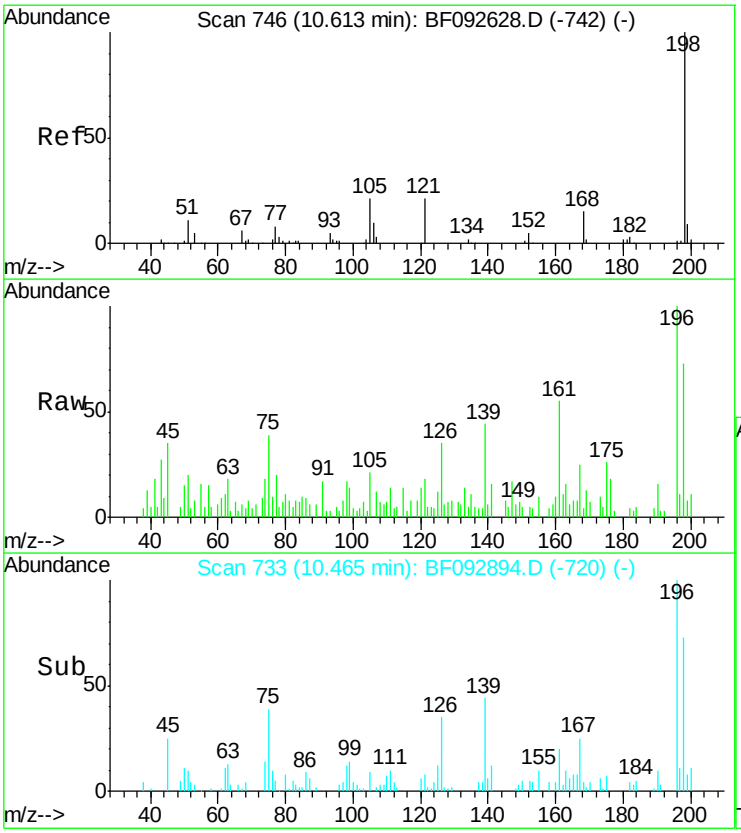
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 600443

Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.0	15.0#
80	7.4	11.2	16.8#

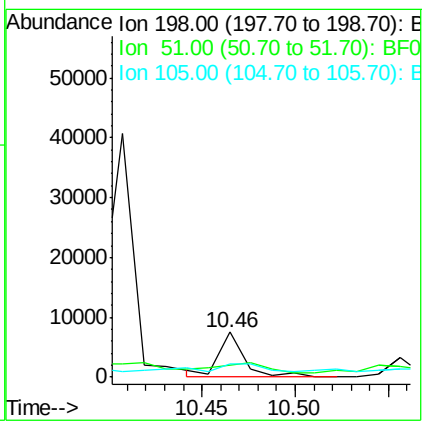


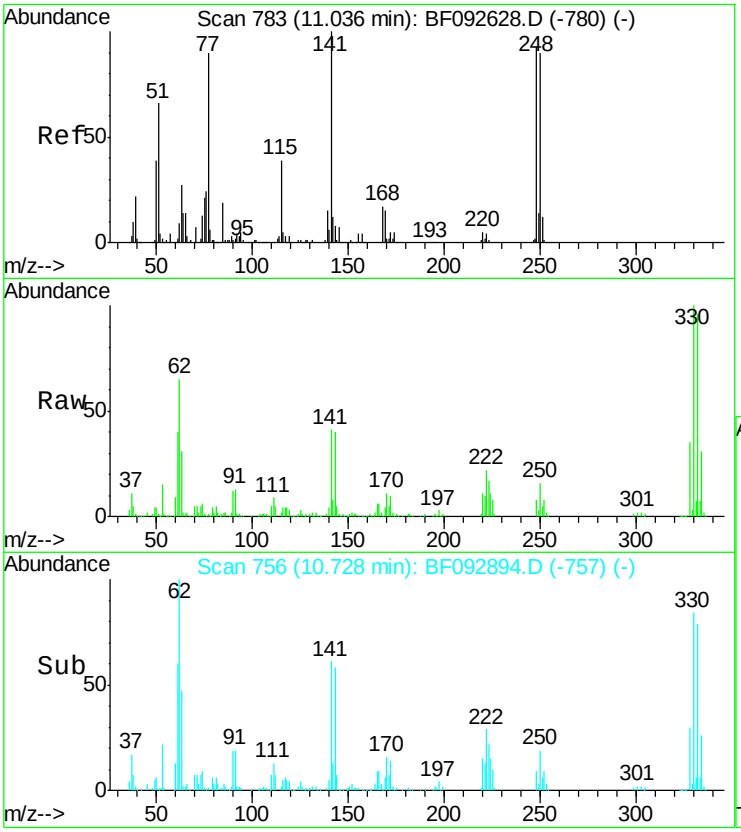


#64
4,6-Dinitro-2-methylphenol
Concen: 4.46 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.15 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:198 Resp: 6950

Ion	Ratio	Lower	Upper
198	100		
51	28.0	6.7	46.7
105	29.0	16.6	56.6



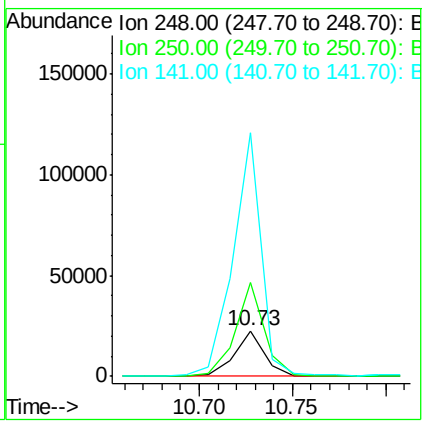


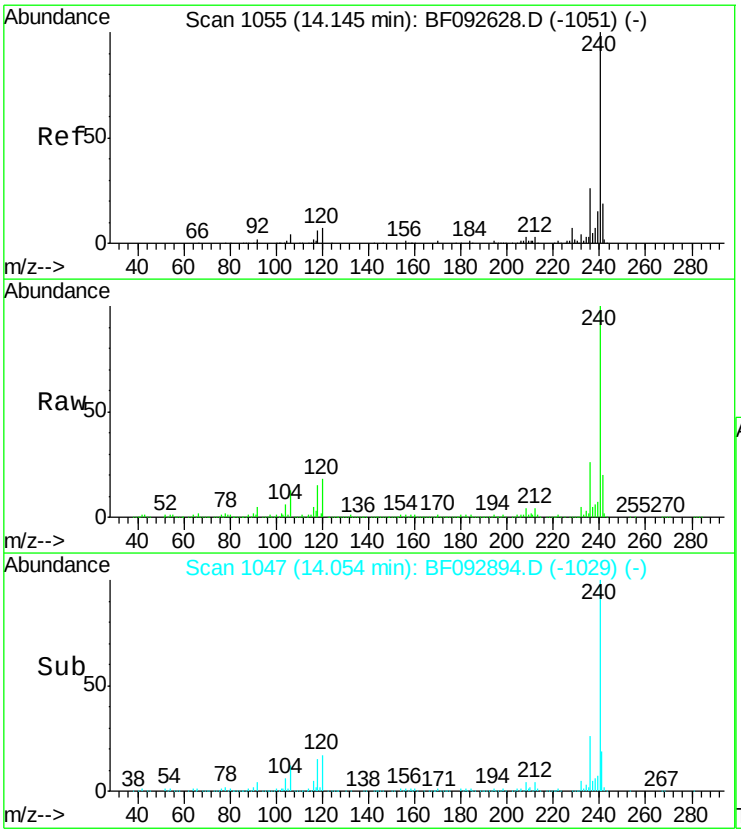
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.31 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:248 Resp: 24966

Ion	Ratio	Lower	Upper
248	100		
250	205.7	76.9	115.3#
141	536.4	68.2	102.4#

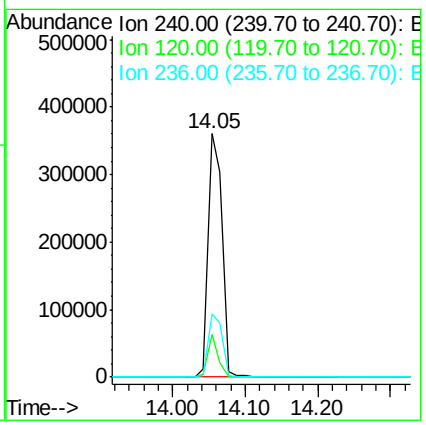


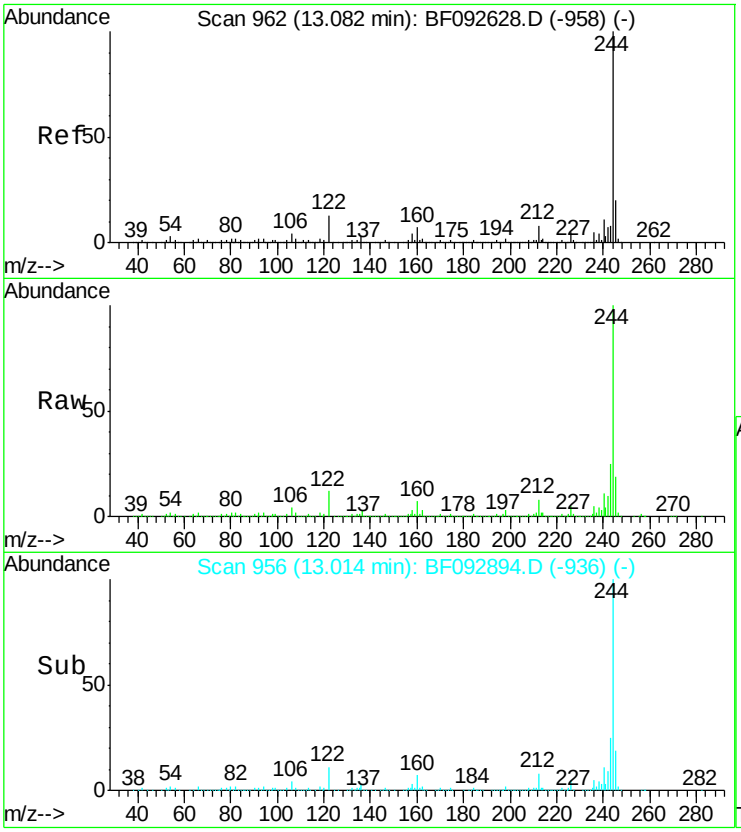


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:240 Resp: 478552

Ion	Ratio	Lower	Upper
240	100		
120	17.7	12.9	19.3
236	25.8	20.9	31.3



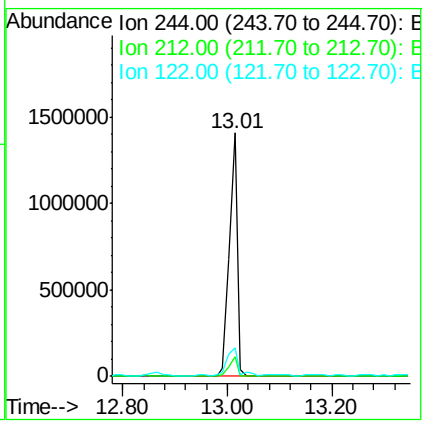


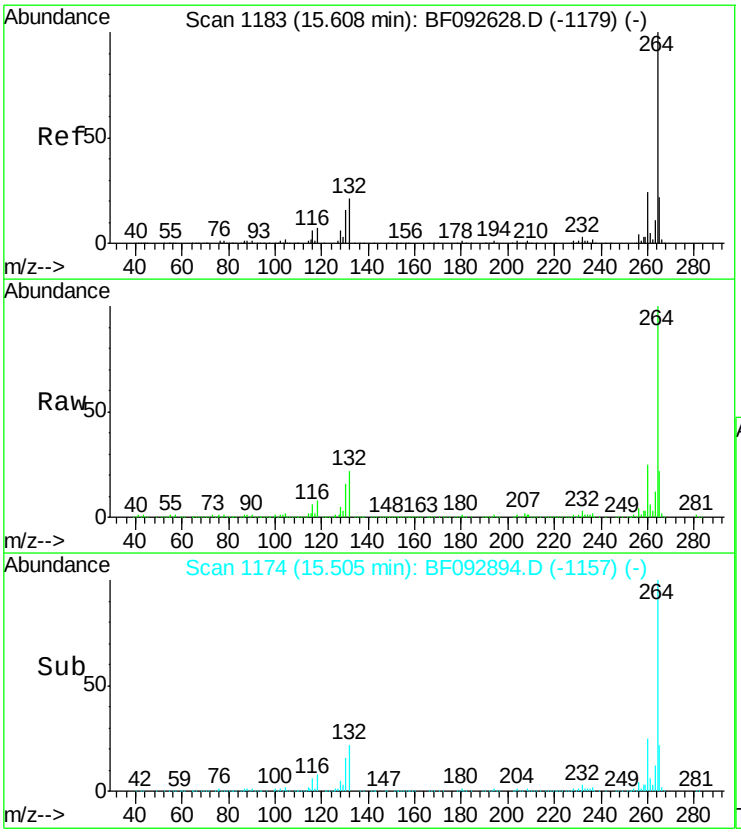
#78
Terphenyl-d14
Concen: 74.02 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 1507621

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092894.D
Acq: 10 Feb 2017 20:23

Tgt Ion:264 Resp: 370079

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.7	17.4	26.0