Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088291.D
Acq On : 23 Jun 2016 12:47
Operator : UM/SJ
Sample : H3084-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 23 13:54:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	20950	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	82481	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	33656	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	50702	20.00	ng		0.00
75) Chrysene-d12	13.75	240	45714	20.00	ng		0.00
86) Perylene-d12	15.11	264	36695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	13489	11.01	ng		0.03
7) Phenol-d6	6.28	99	11399	7.68	ng		0.02
23) Nitrobenzene-d5	7.18	82	19995	14.16	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	7307	20.56	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	49754	18.92	ng		0.00
78) Terphenyl-d14	12.70	244	38629	19.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	42229	70.92	ng	#	46
10) Phenol	6.30	94	1004	Below Cal		#	58
12) 1,3-Dichlorobenzene	6.63	146	3552	2.28	ng		96
13) 1,4-Dichlorobenzene	6.63	146	3552	2.27	ng		95
14) 1,2-Dichlorobenzene	6.78	146	3802	2.67	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	2372	2.50	ng	#	71
28) bis(2-Chloroethoxy)methane	7.62	93	4487	2.77	ng	#	10
36) 4-Chloro-3-methylphenol	8.49	107	7510	6.23	ng	#	19
45) 1,1'-Biphenyl	9.29	154	1279	Below Cal		#	1
47) 2-Nitroaniline	9.29	65	1689	2.63	ng	#	7
49) Dimethylphthalate	9.37	163	95086	39.00	ng		100
52) 3-Nitroaniline	9.42	138	1702	2.64	ng	#	1
57) Fluorene	10.12	166	471	Below Cal		#	1
83) Bis(2-ethylhexyl)phthalate	13.74	149	4241	2.32	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088291.D
Acq On : 23 Jun 2016 12:47
Operator : UM/SJ
Sample : H3084-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 23 13:54:37 2016
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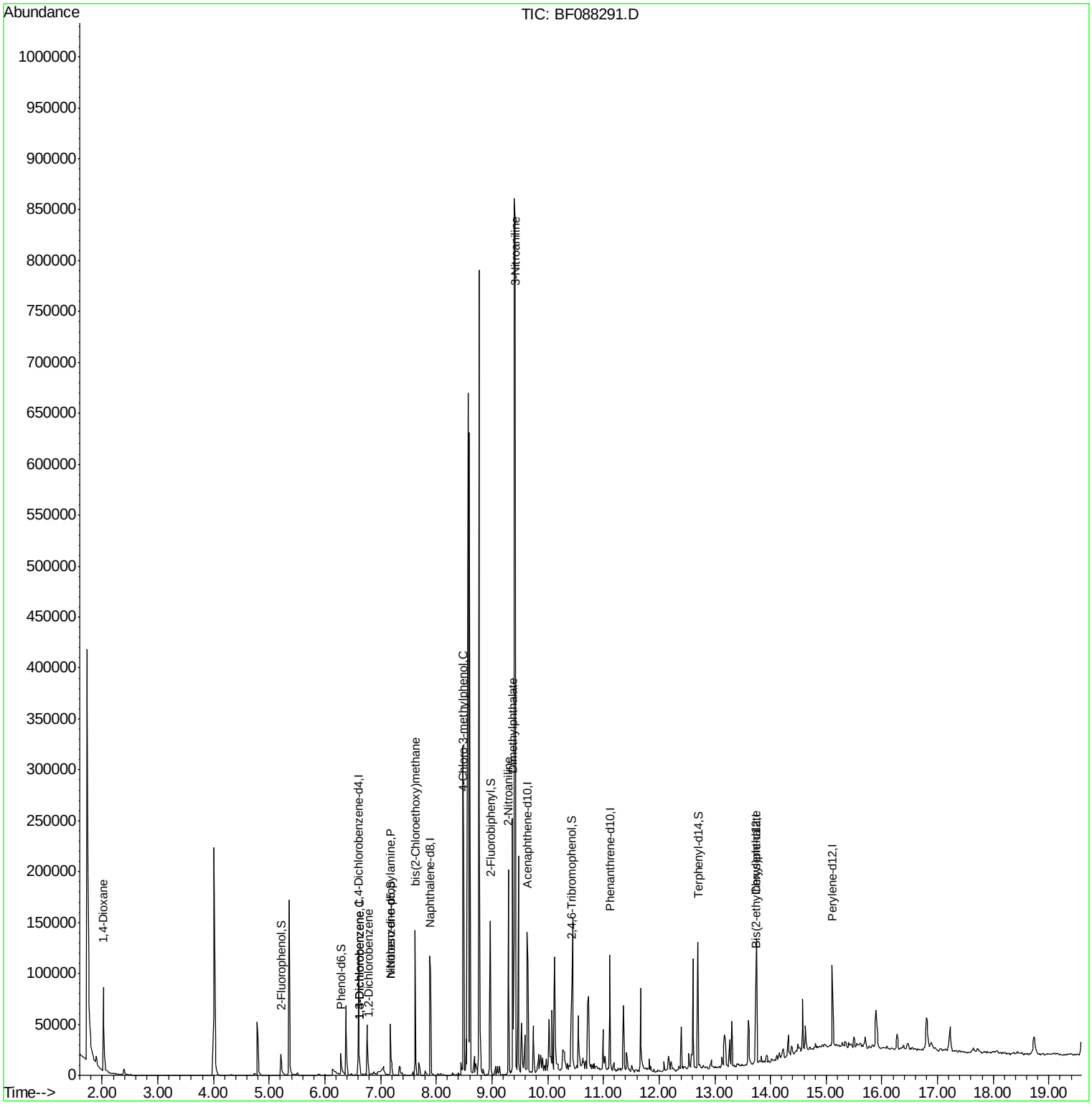
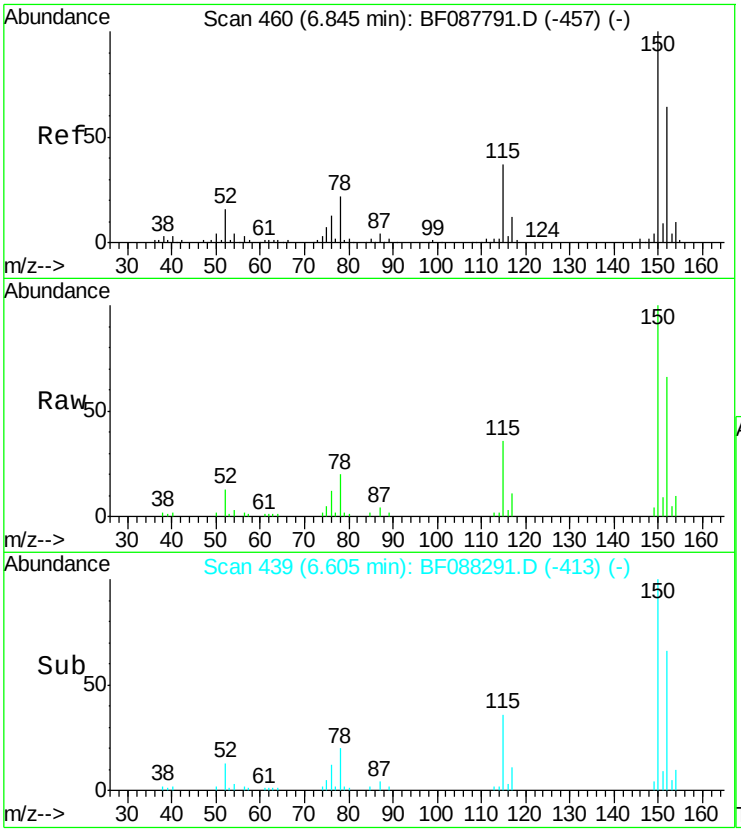
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration



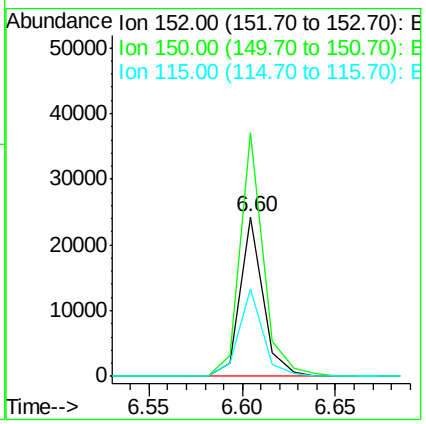


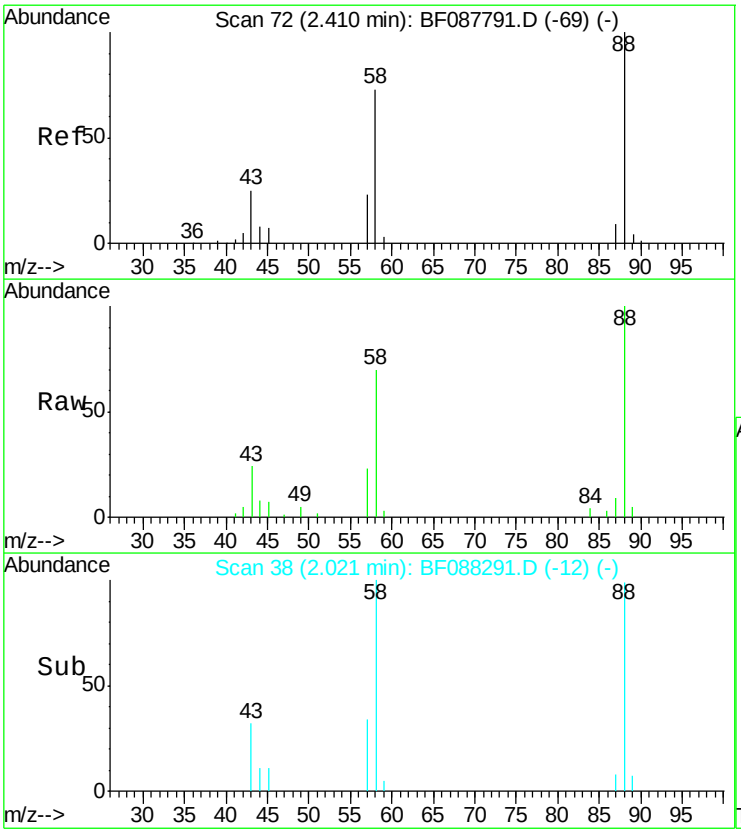
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 20950

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	54.7	39.6	59.4

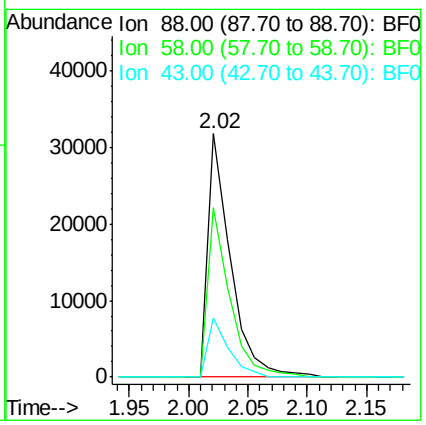


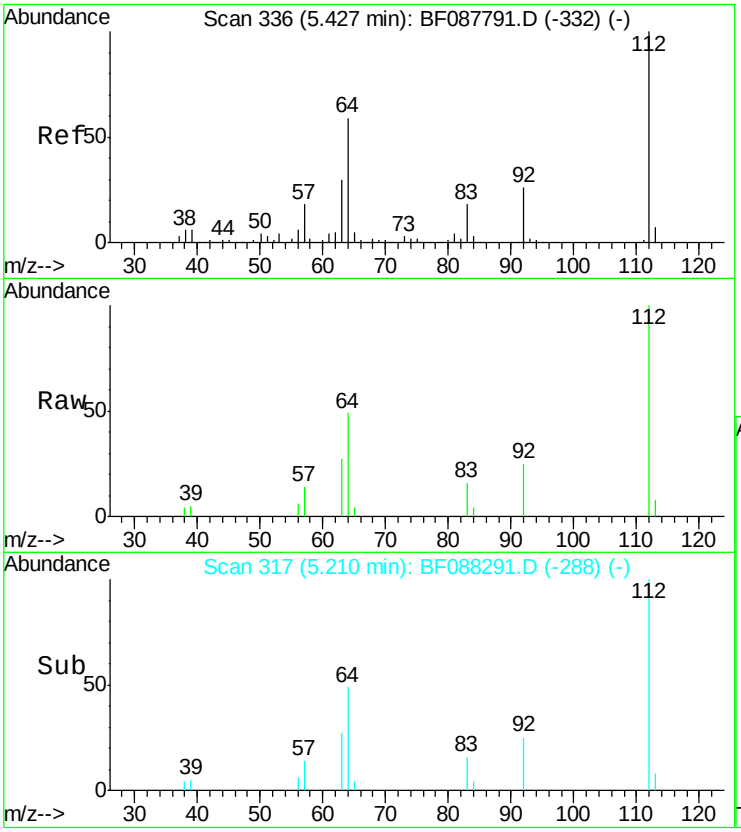


#2
1,4-Dioxane
Concen: 70.92 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion: 88 Resp: 42229

Ion	Ratio	Lower	Upper
88	100		
58	66.9	0.0	0.0#
43	22.1	3.4	5.2#



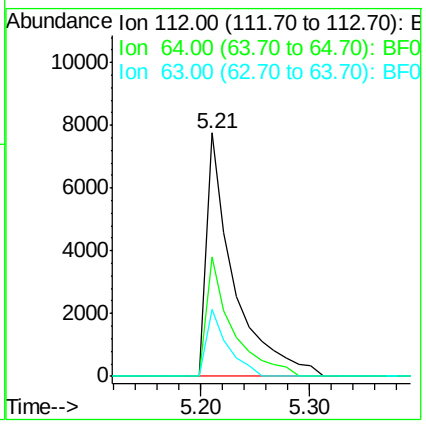


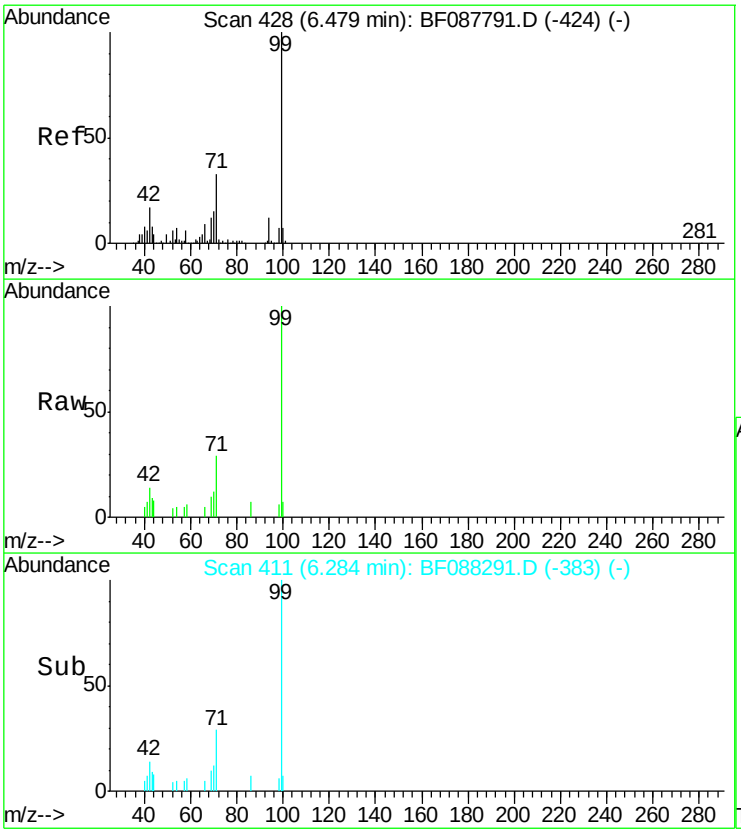
#5
2-Fluorophenol
Concen: 11.01 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.03 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 13489

Ion	Ratio	Lower	Upper
112	100		
64	49.1	42.2	63.2
63	27.3	21.8	32.8

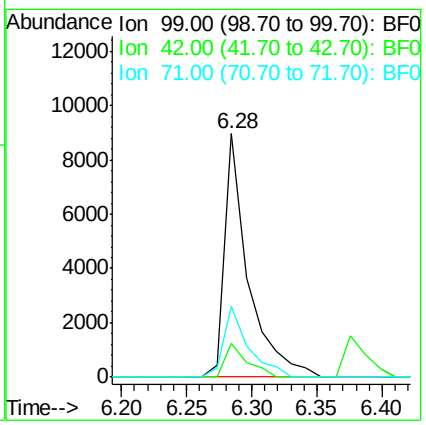


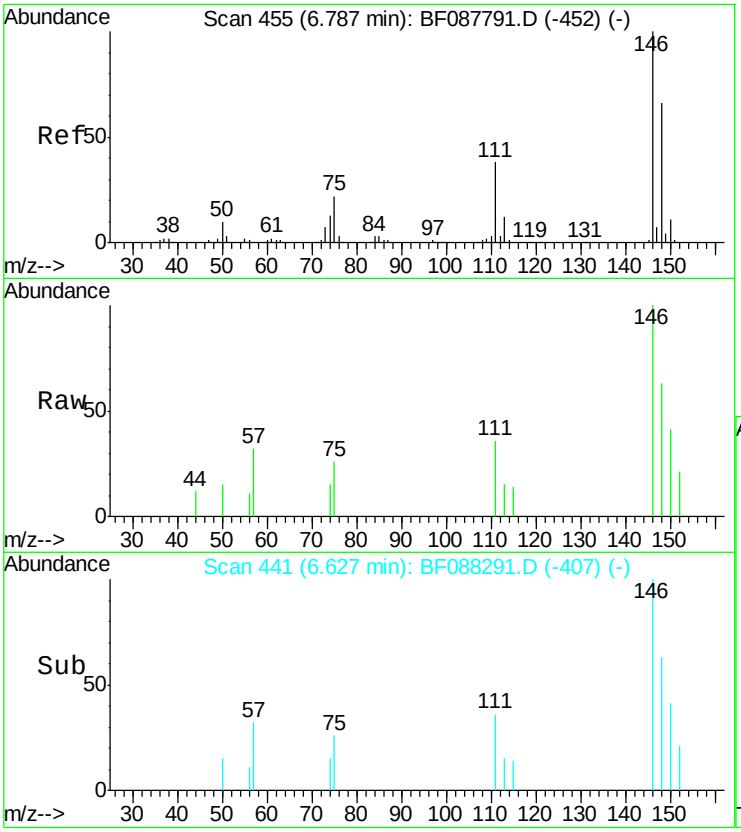


#7
Phenol-d6
Concen: 7.68 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.02 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion: 99 Resp: 11399

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.2	18.2
71	29.0	23.4	35.0



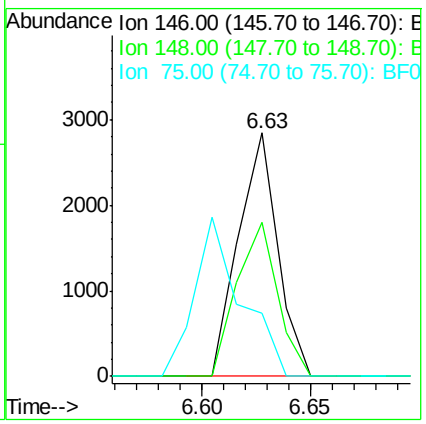


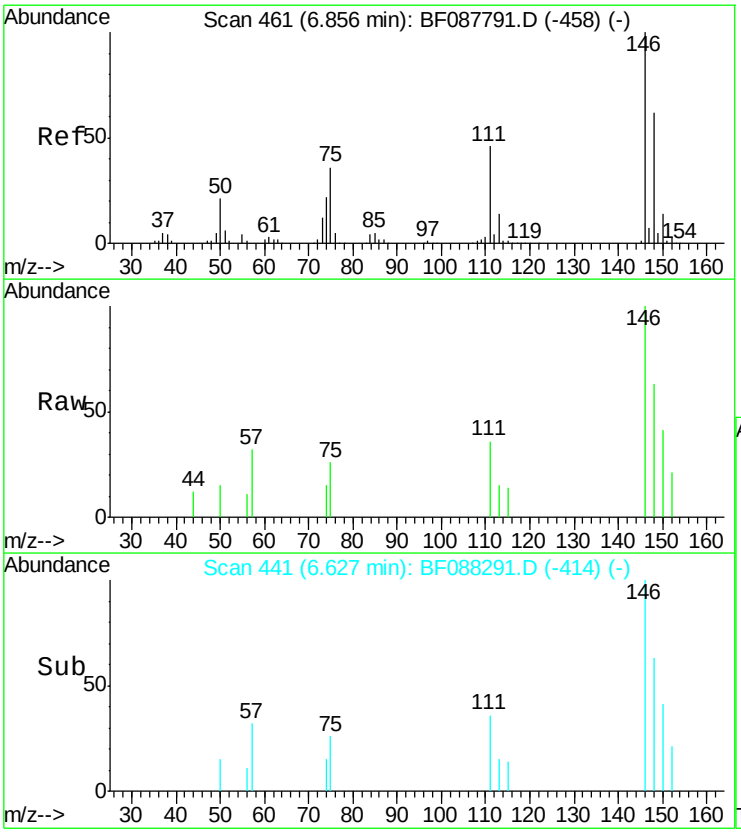
#12
1,3-Dichlorobenzene
Concen: 2.28 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.09 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 3552

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	26.1	25.6	38.4

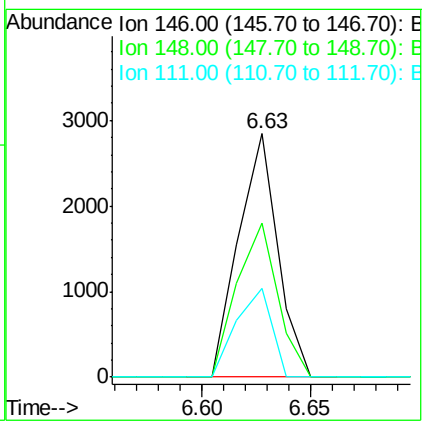


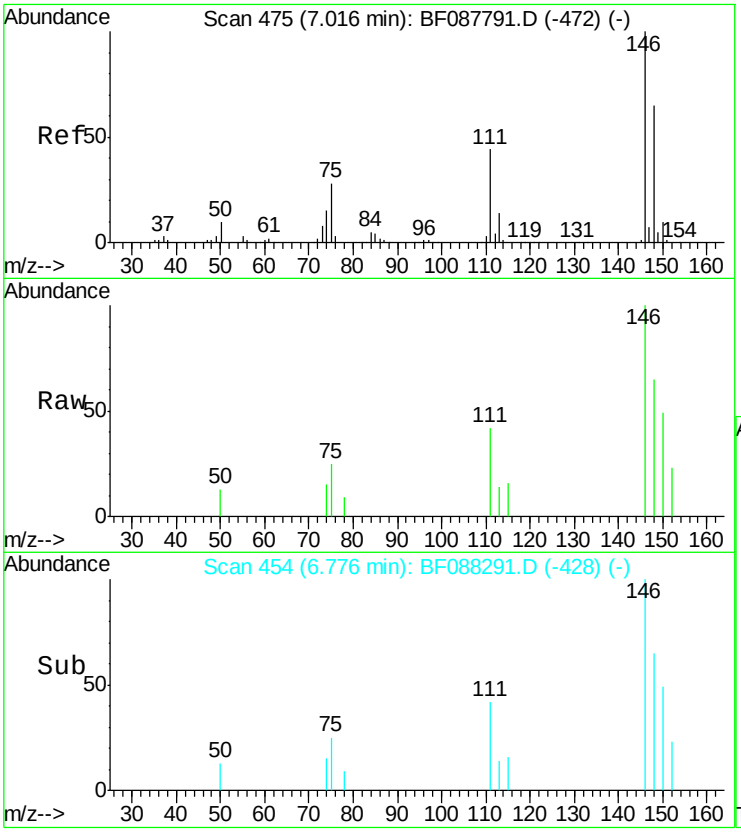


#13
1,4-Dichlorobenzene
Concen: 2.27 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:146 Resp: 3552

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	36.3	33.8	50.8



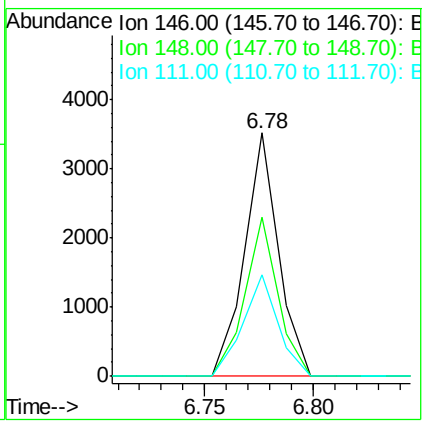


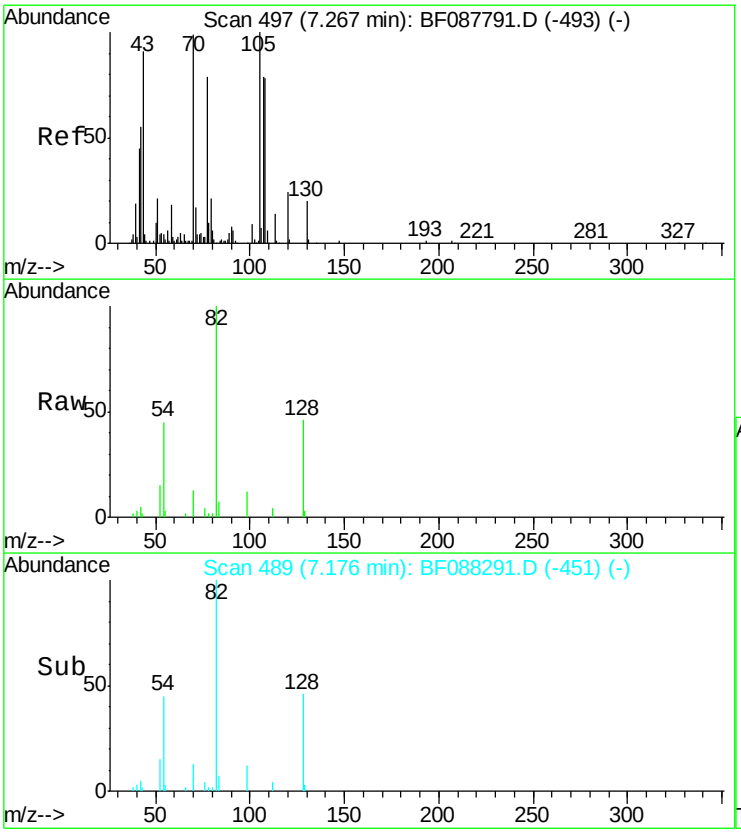
#14
1,2-Dichlorobenzene
Concen: 2.67 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 3802

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	41.9	28.7	43.1

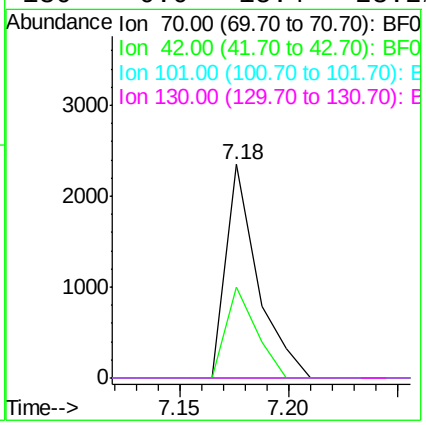


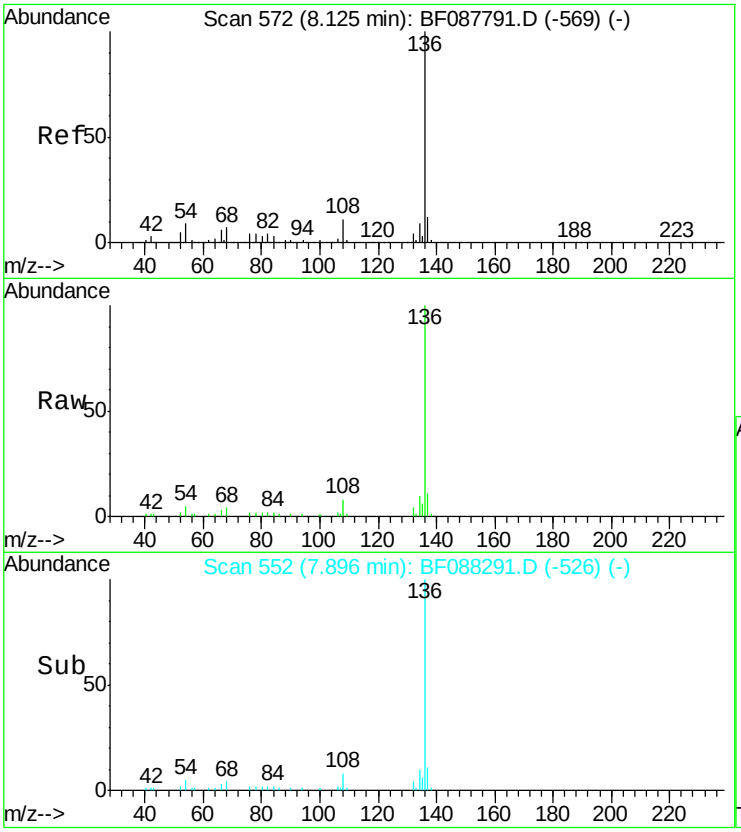


#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion: 70 Resp: 2372

Ion	Ratio	Lower	Upper
70	100		
42	42.6	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



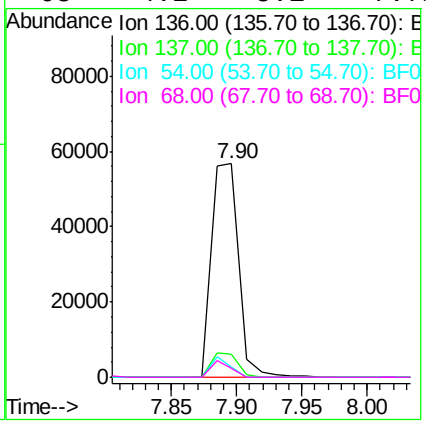


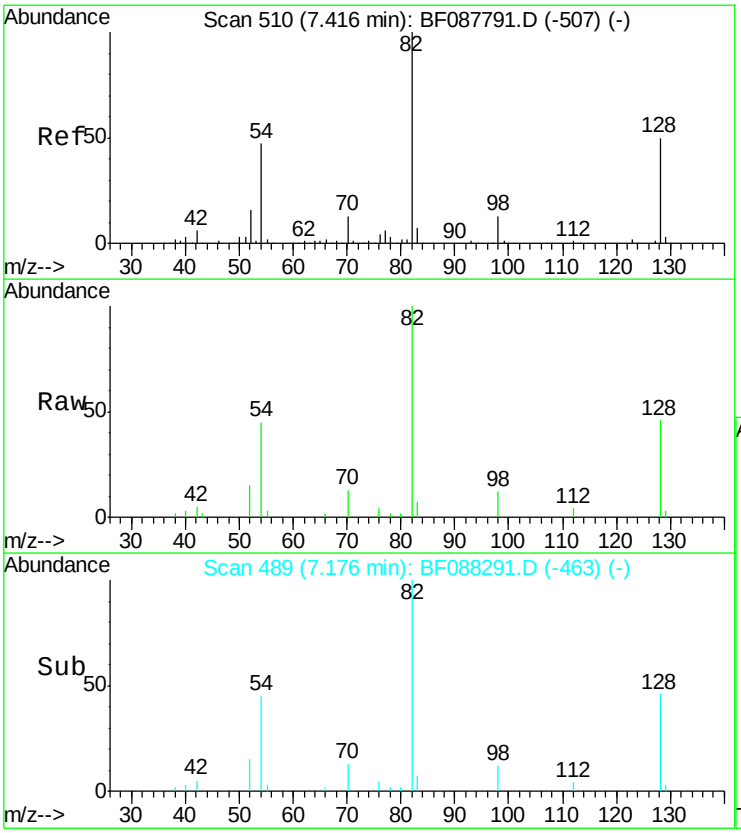
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 82481

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	4.5	6.6	10.0#
68	4.2	5.1	7.7#

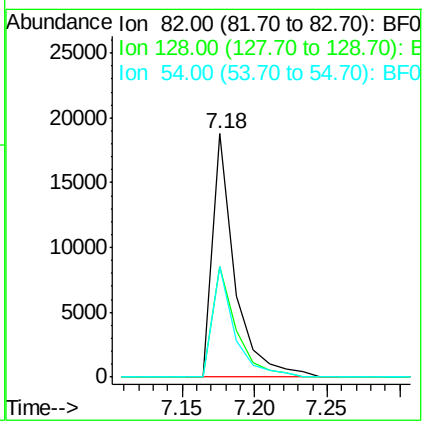


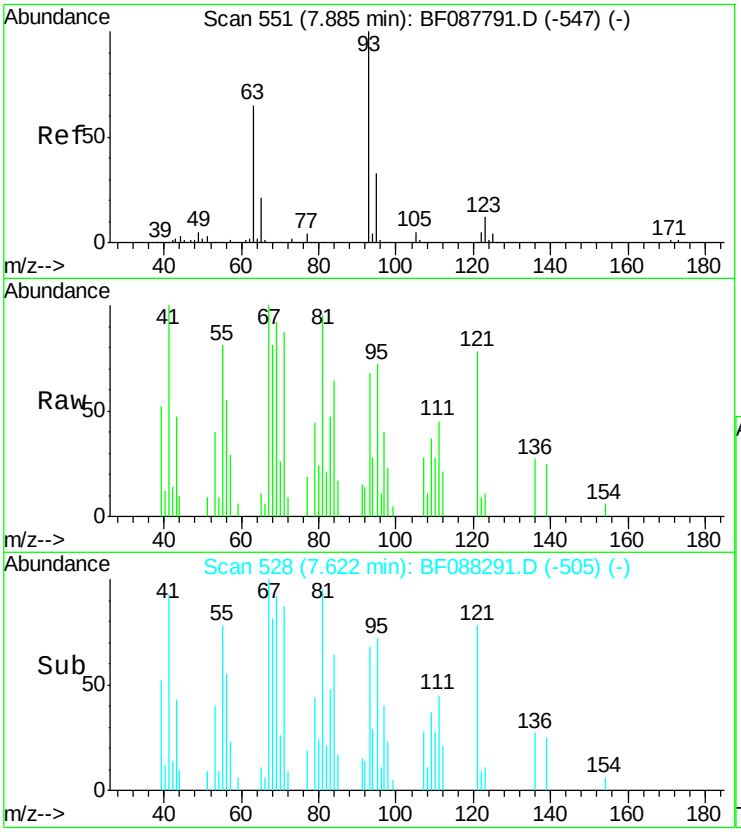


#23
Nitrobenzene-d5
Concen: 14.16 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion: 82 Resp: 19995

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.9	53.9
54	45.4	40.9	61.3



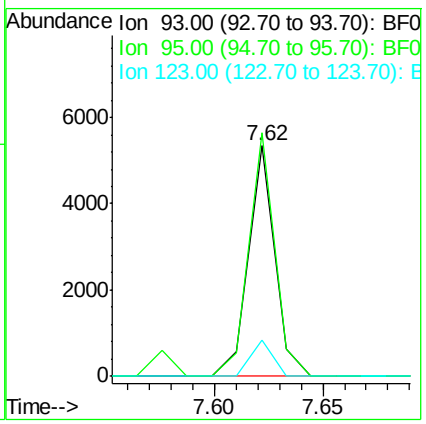


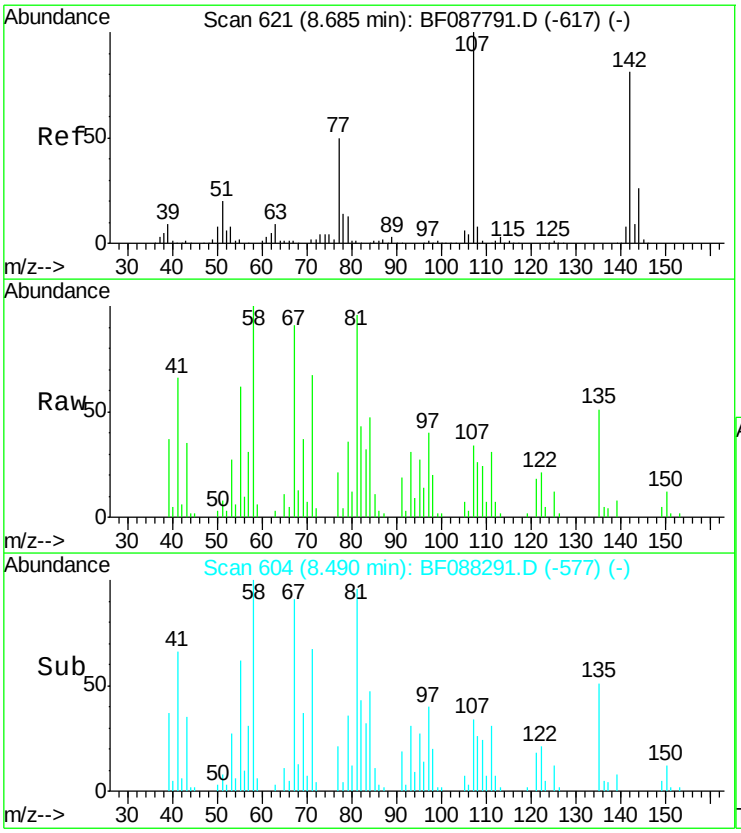
#28
bis(2-Chloroethoxy)methane
Concen: 2.77 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 4487

Ion	Ratio	Lower	Upper
93	100		
95	105.7	26.5	39.7#
123	15.7	11.6	17.4

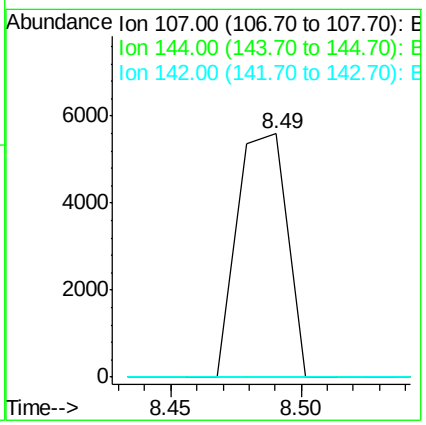


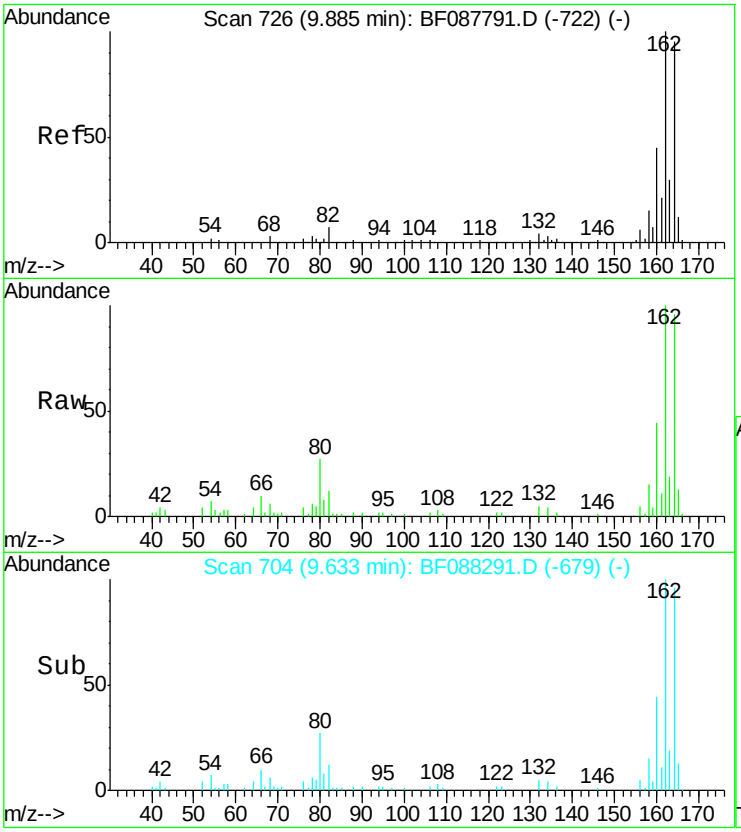


#36
4-Chloro-3-methylphenol
Concen: 6.23 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:107 Resp: 7510

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	63.4	95.2#



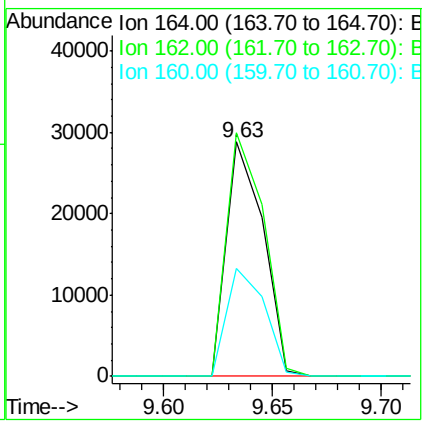


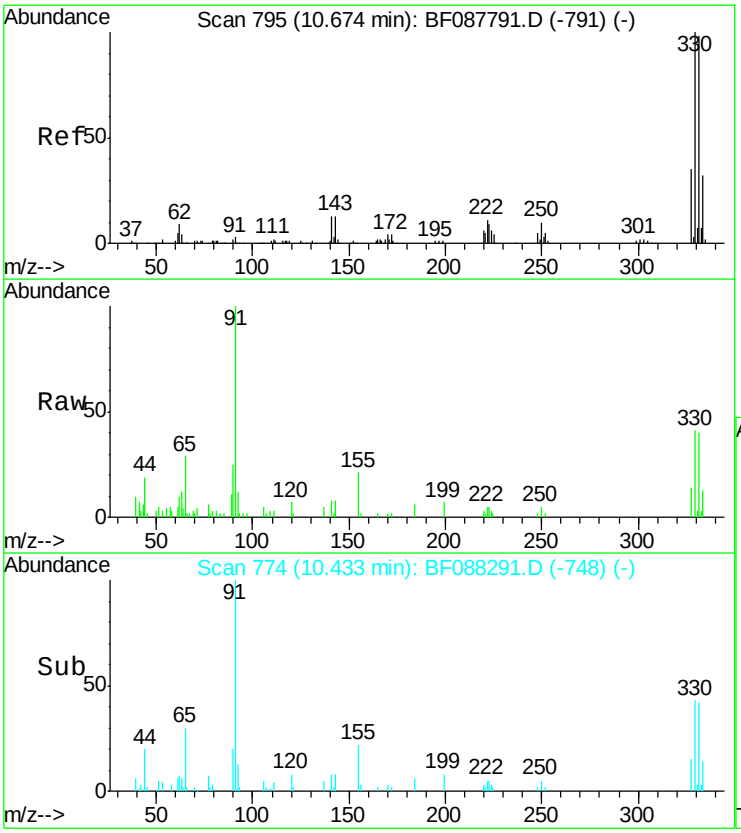
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 33656

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.4	128.2
160	46.0	39.5	59.3

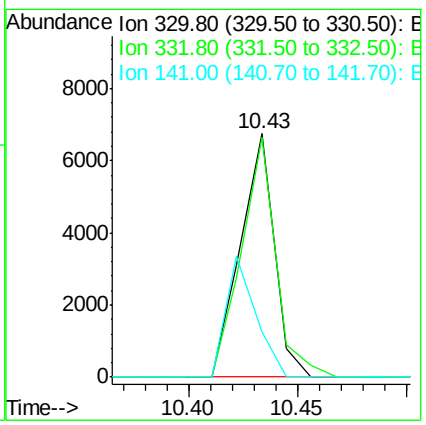


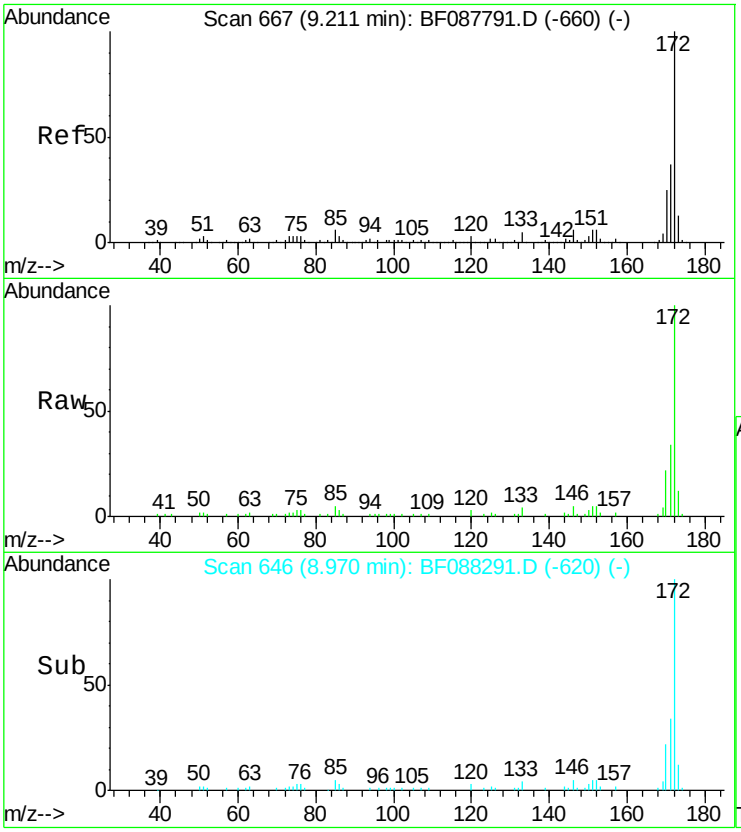


#41
2,4,6-Tribromophenol
Concen: 20.56 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:330 Resp: 7307

Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	43.3	0.0	0.0#



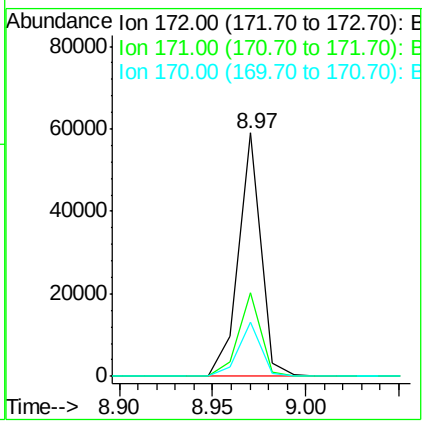


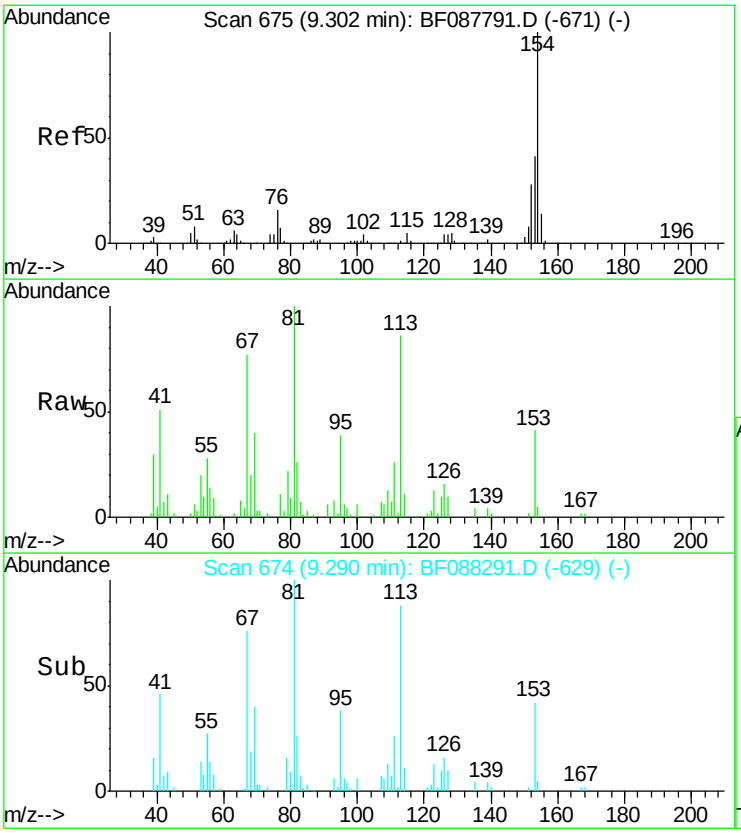
#44
2-Fluorobiphenyl
Concen: 18.92 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 49754

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	22.4	19.2	28.8

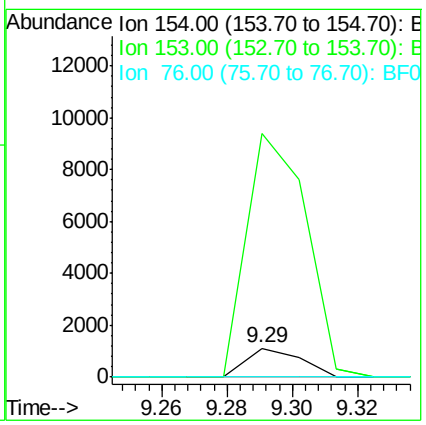


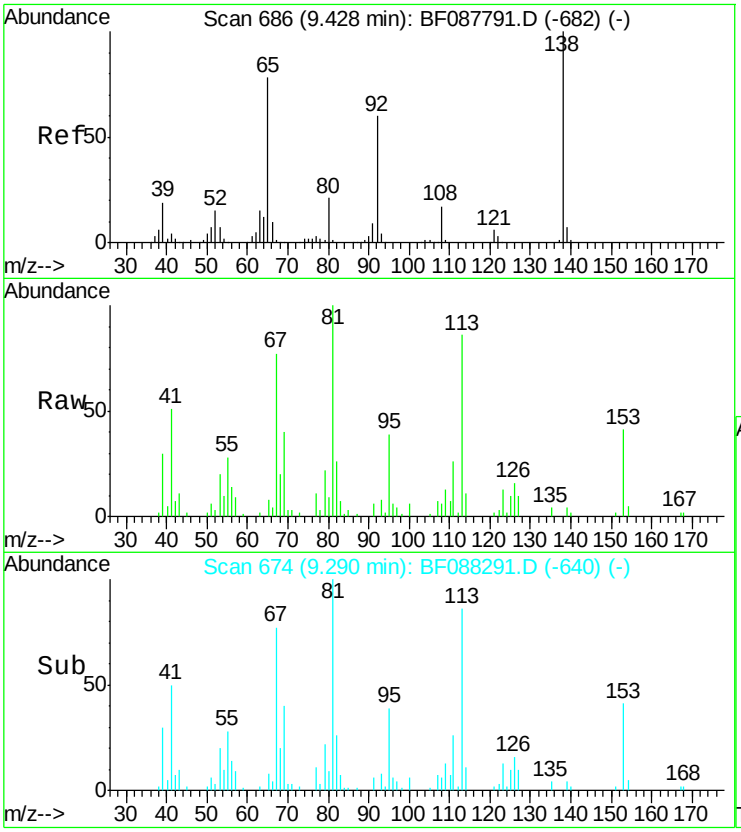


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.29 min Scan# 674
Delta R.T. 0.22 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:154 Resp: 1279

Ion	Ratio	Lower	Upper
154	100		
153	844.3	20.6	60.6#
76	0.0	0.0	35.1



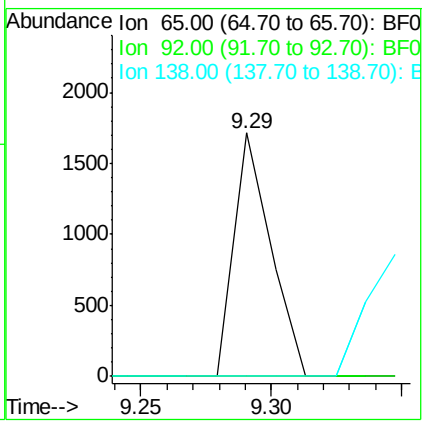


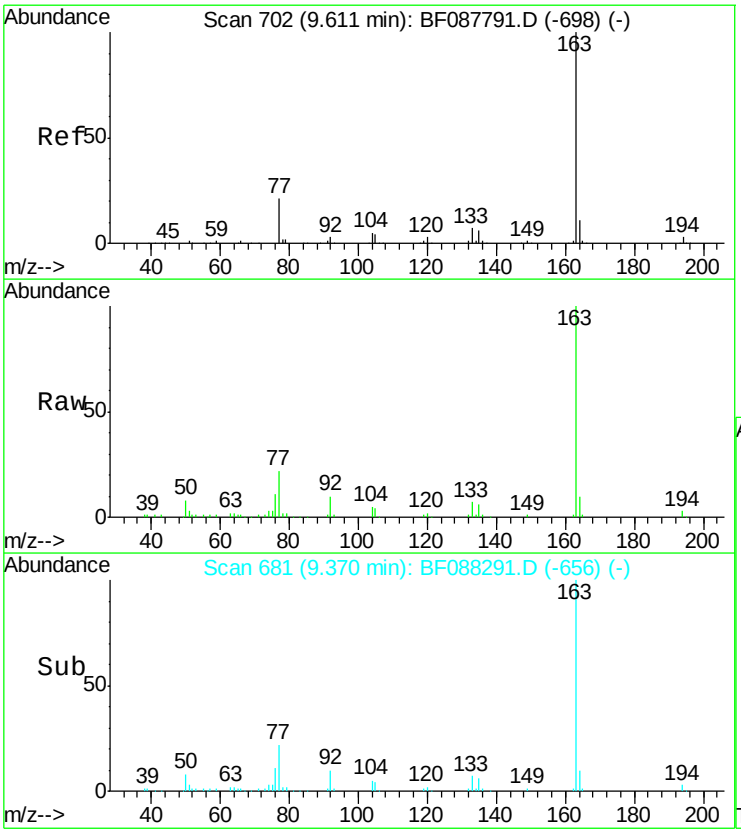
#47
2-Nitroaniline
Concen: 2.63 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.09 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1689

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.6	82.0#
138	0.0	77.0	115.4#

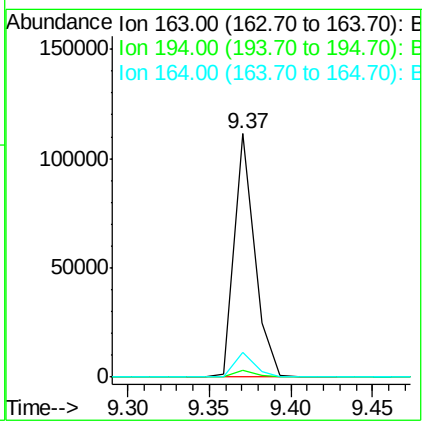


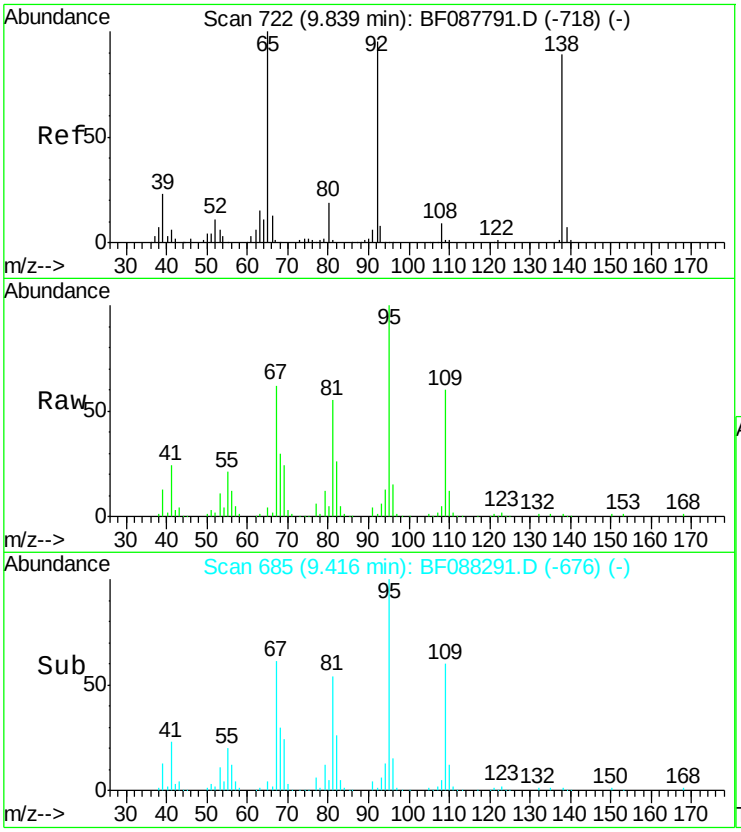


#49
Dimethylphthalate
Concen: 39.00 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:163 Resp: 95086

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.4	8.3	12.5



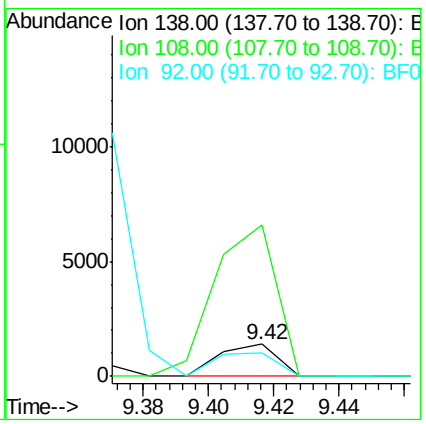


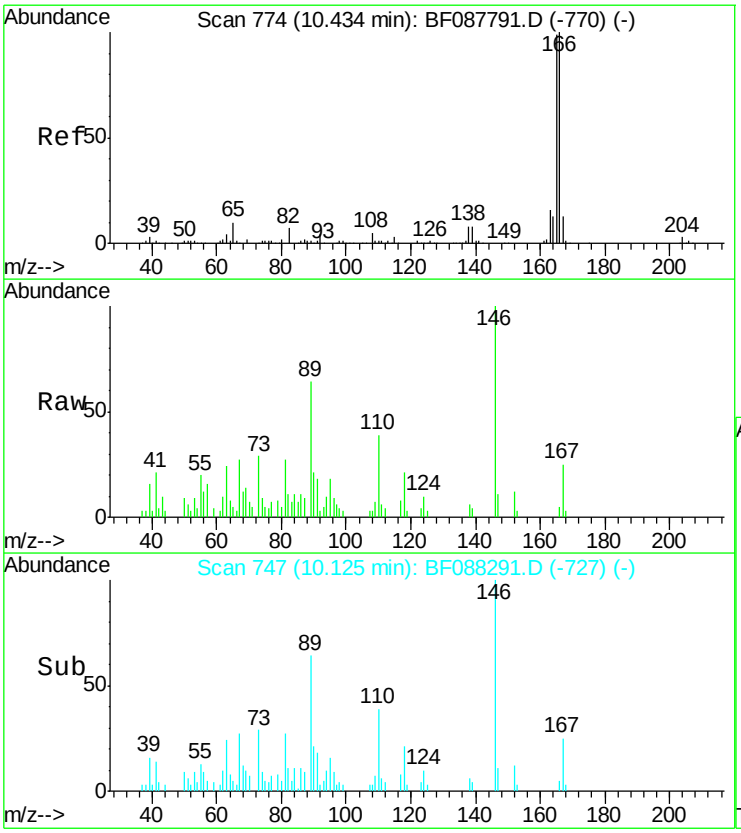
#52
3-Nitroaniline
Concen: 2.64 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.19 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 1702

Ion	Ratio	Lower	Upper
138	100		
108	469.9	8.5	12.7#
92	71.9	95.7	143.5#

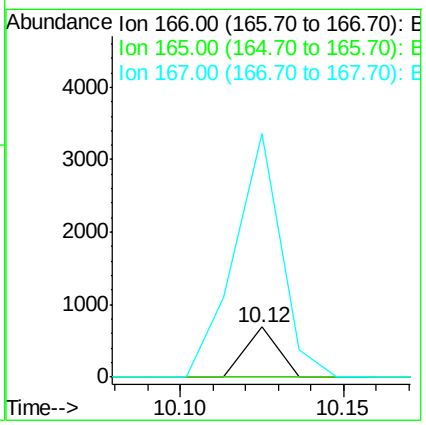


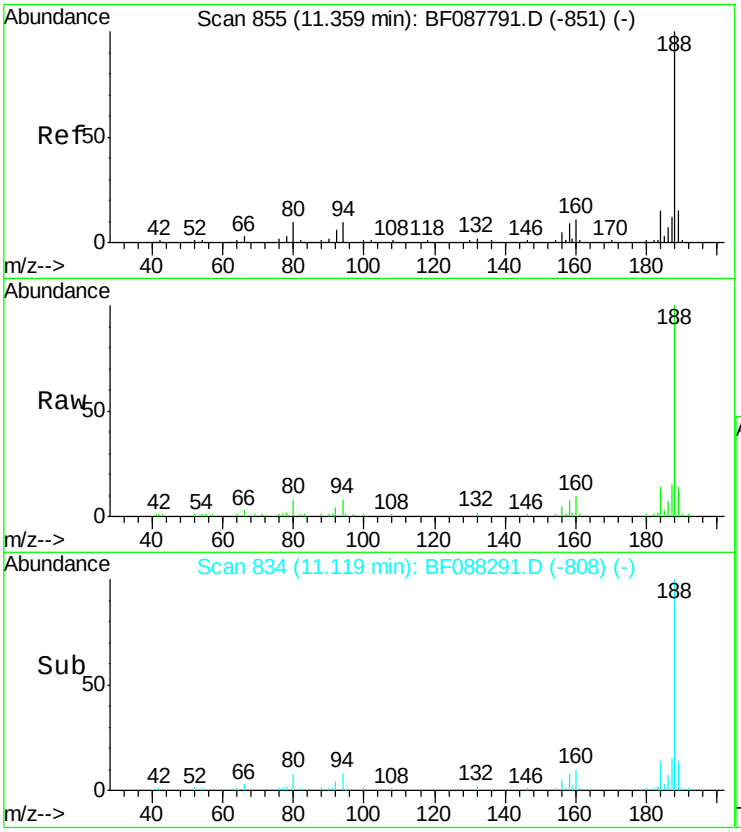


#57
Fluorene
Concen: Below Cal
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:166 Resp: 471

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.8#
167	489.8	11.2	16.8#



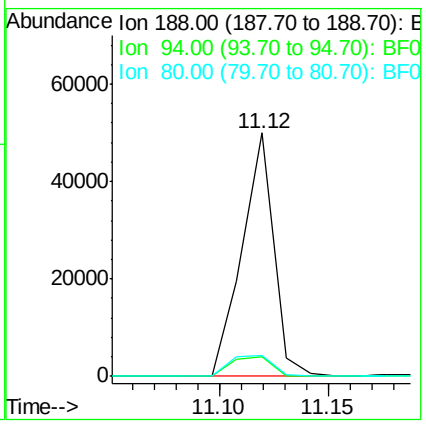


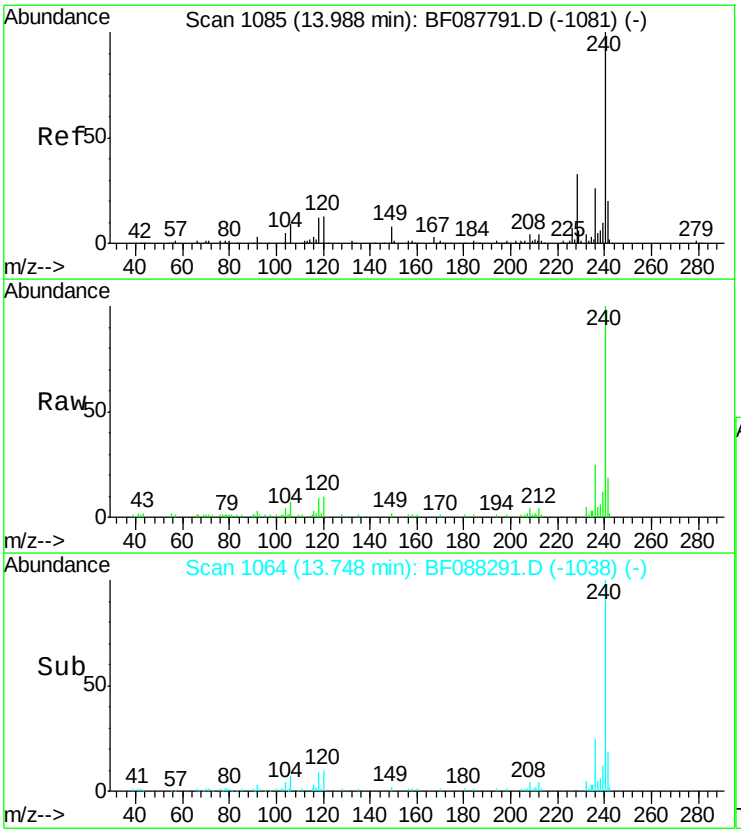
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 50702

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.6#
80	8.3	10.0	15.0#

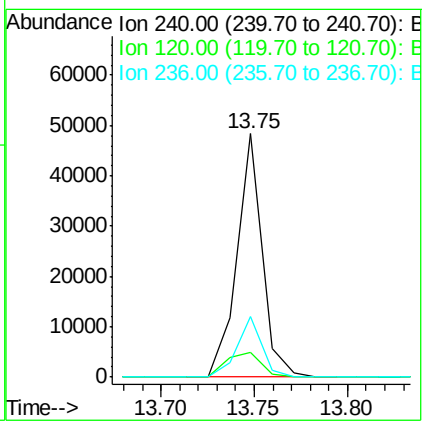


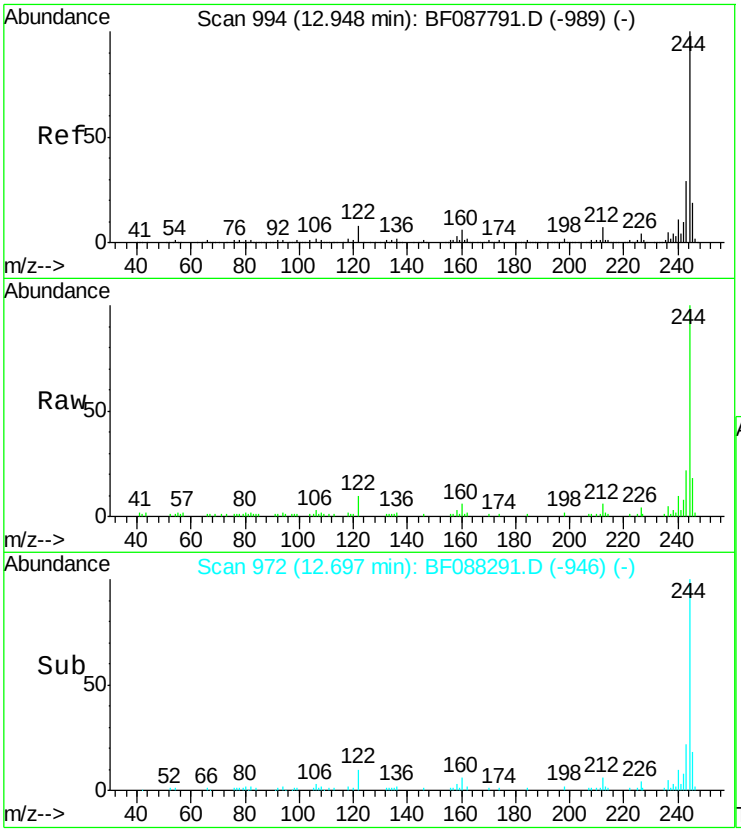


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:240 Resp: 45714

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.8	10.2
236	24.9	20.2	30.2



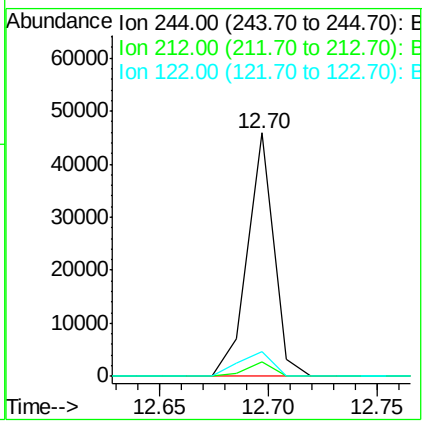


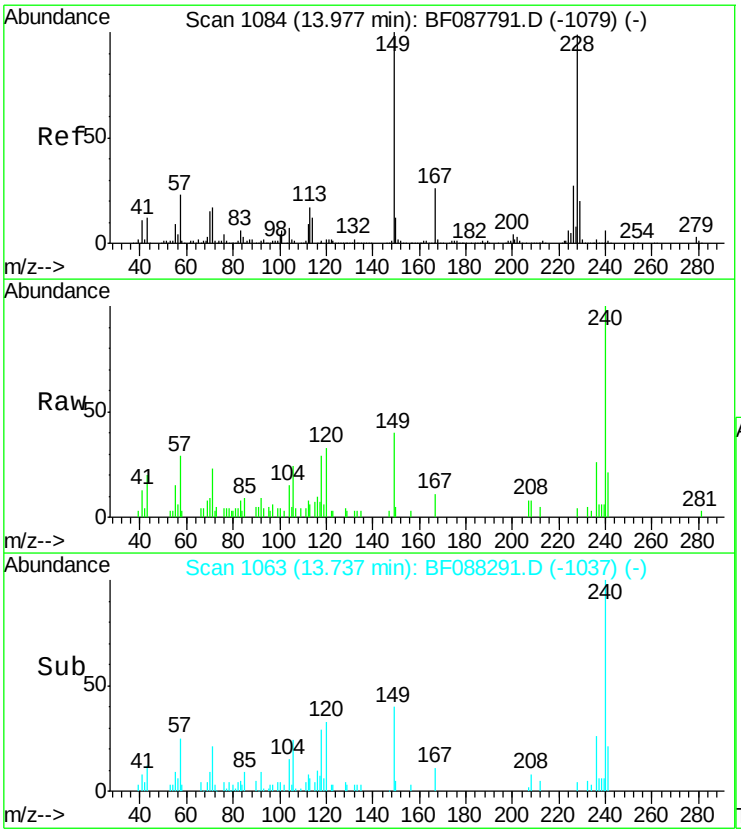
#78
Terphenyl-d14
Concen: 19.23 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 38629

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	10.3	11.2	16.8#

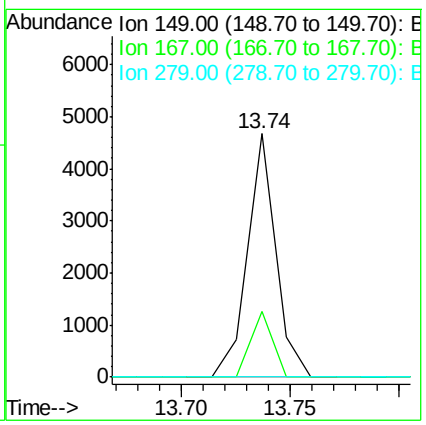


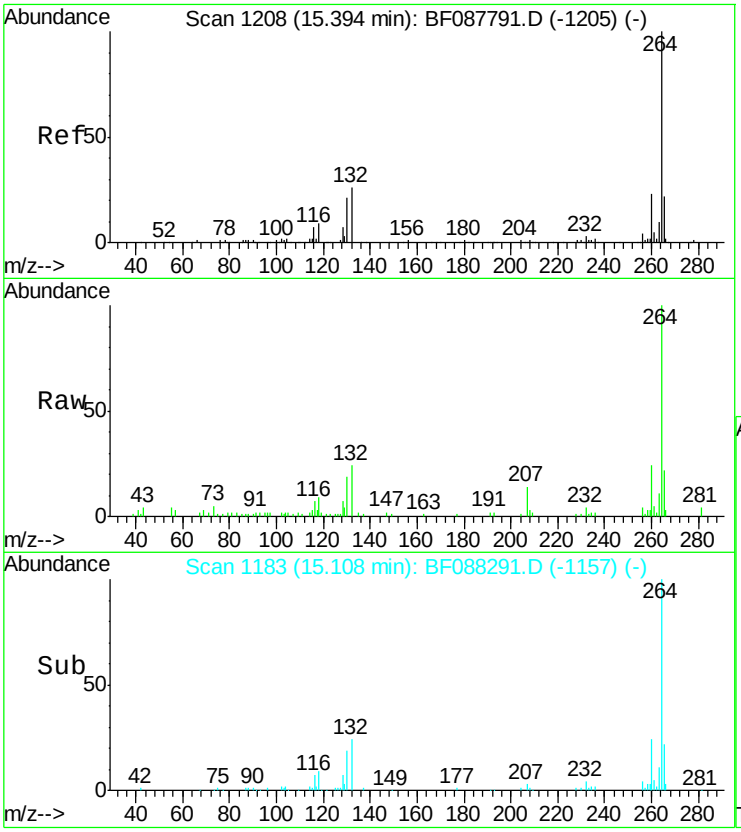


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.32 ng
RT: 13.74 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Tgt Ion:149 Resp: 4241

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.5	30.7
279	0.0	2.0	3.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF088291.D
Acq: 23 Jun 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 36695

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	16.9	25.3