Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091182.D
Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS02304

Quant Time: Nov 16 00:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165626	20.00	ng		-0.02
21) Naphthalene-d8	7.92	136	705428	20.00	ng		-0.03
38) Acenaphthene-d10	9.68	164	372297	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	662920	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	591633	20.00	ng		-0.03
86) Perylene-d12	15.14	264	437185	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	661341	65.95	ng		-0.02
7) Phenol-d6	6.28	99	558898	41.06	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1212245	93.74	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	536276	159.33	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1834910	84.85	ng		-0.03
78) Terphenyl-d14	12.74	244	2142408	90.36	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	28906	3.83	ng		94
15) Benzyl Alcohol	6.78	79	20190	2.10	ng	#	52
18) Hexachloroethane	7.21	117	221331	44.06	ng	#	4
19) n-Nitroso-di-n-propylamine	7.21	70	173174	18.36	ng	#	78
25) Isophorone	7.21	82	1193317	47.89	ng	#	67
31) Naphthalene	7.94	128	546633	16.20	ng		98
32) Benzoic acid	7.76	122	479	5.13	ng	#	1
33) 4-Chloroaniline	7.94	127	91580	6.53	ng	#	33
35) Caprolactam	8.36	113	13460	4.91	ng	#	55
37) 2-Methylnaphthalene	8.64	142	133320	6.15	ng		98
49) Dimethylphthalate	9.40	163	105102	4.31	ng		99
50) 2,6-Dinitrotoluene	9.37	165	13112	2.51	ng	#	85
51) Acenaphthene	9.70	154	91851	4.55	ng		99
53) 2,4-Dinitrophenol	9.82	184	229	6.33	ng	#	1
54) Dibenzofuran	9.88	168	140479	5.17	ng	#	85
55) 4-Nitrophenol	9.78	139	18561	9.90	ng	#	33
57) Fluorene	10.21	166	178302	8.02	ng	#	95
66) 4-Bromophenyl-phenylether	10.46	248	36071	5.23	ng	#	1
70) Phenanthrene	11.17	178	250346	7.10	ng		97
71) Anthracene	11.17	178	250346	6.68	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Nov 2016 16:49
Operator : UM/SJ
Sample : H5636-09
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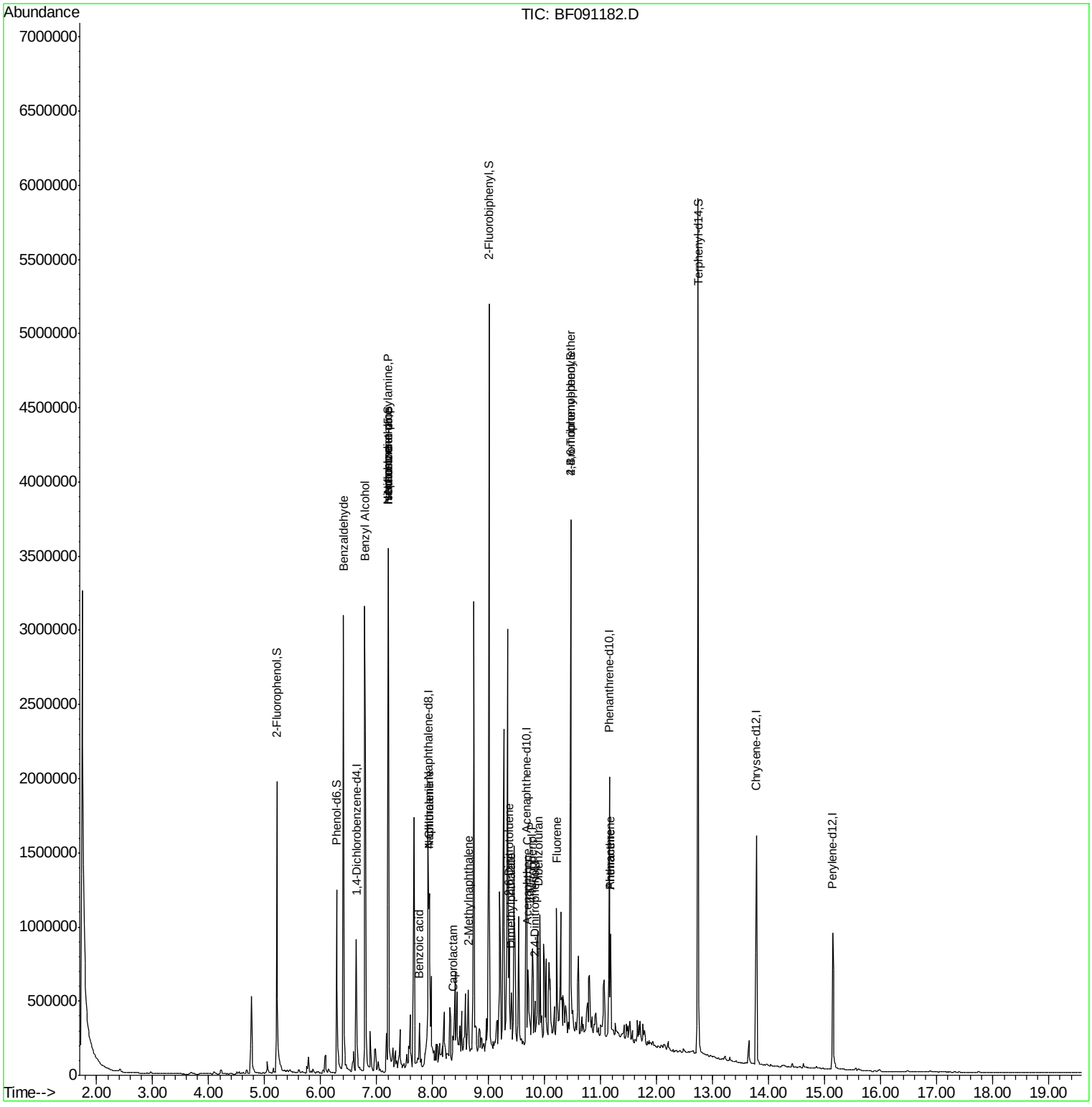
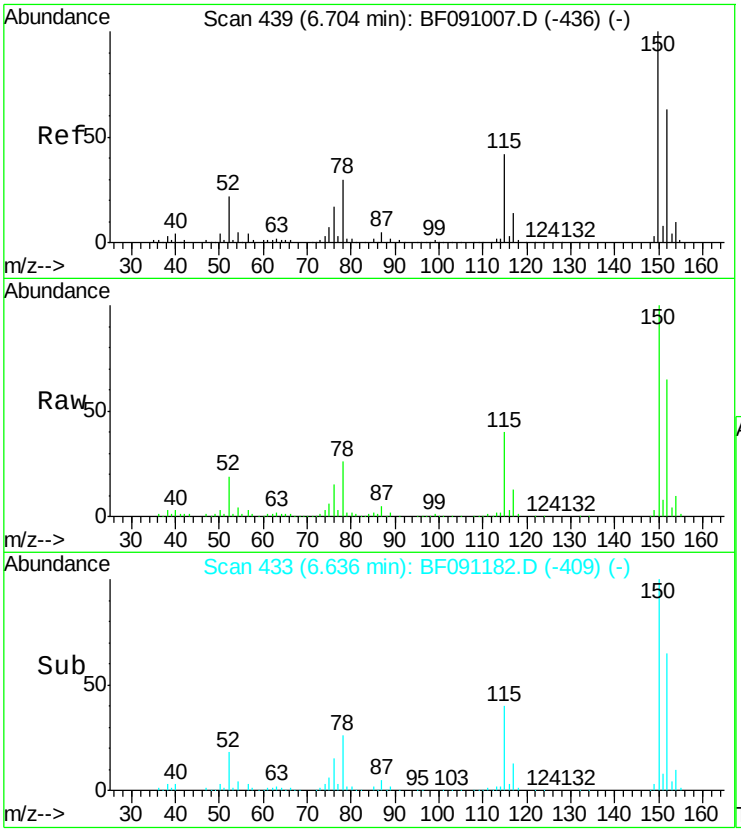
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPS02304

Quant Time: Nov 16 00:20:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



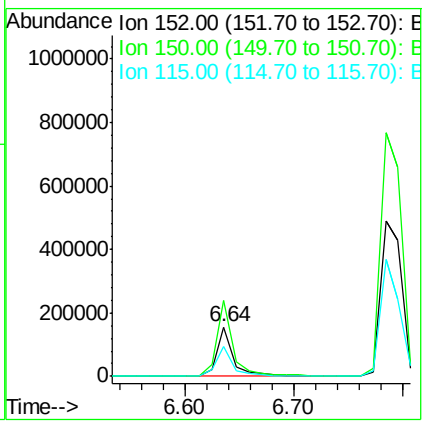


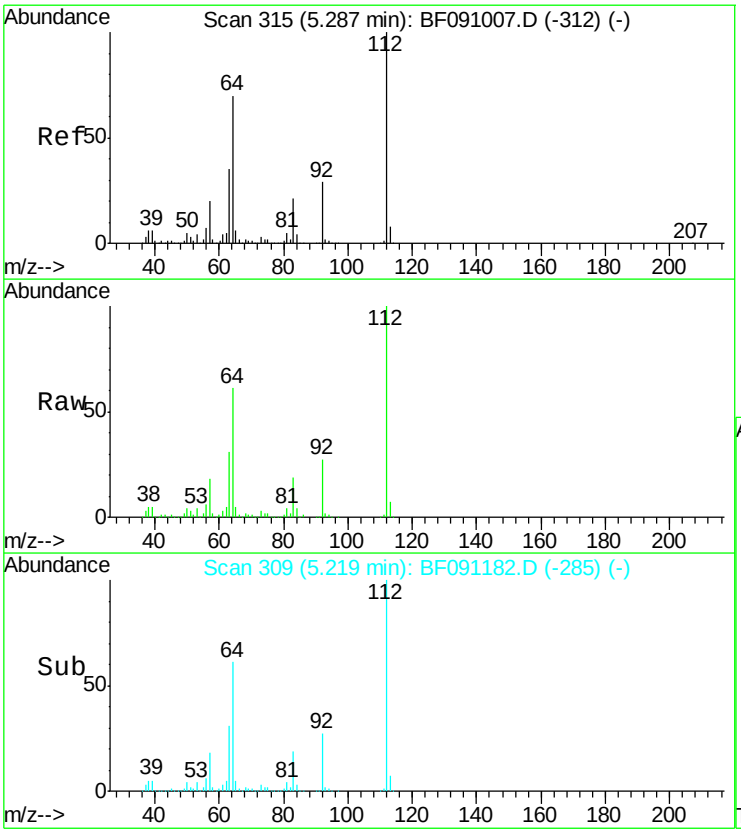
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:152 Resp: 165626

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.8	190.2
115	61.0	53.3	79.9

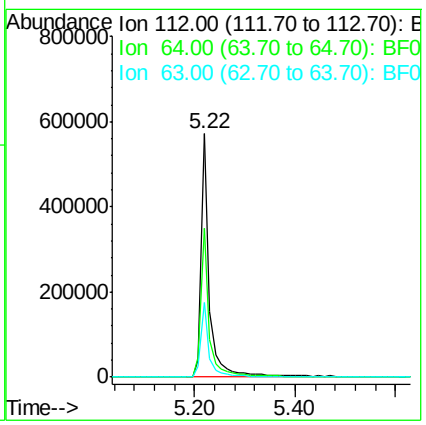


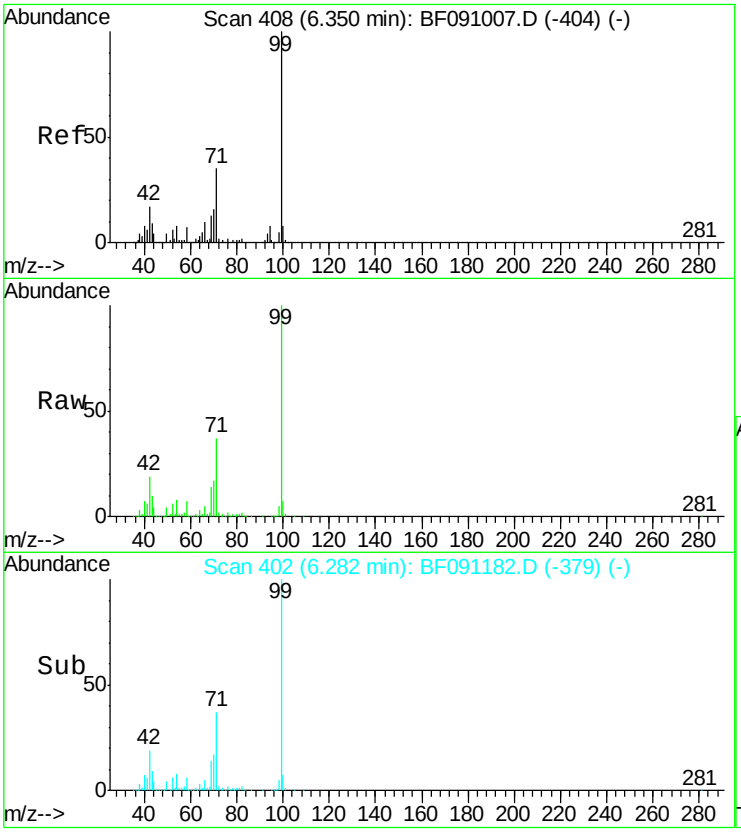


#5
2-Fluorophenol
Concen: 65.95 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:112 Resp: 661341

Ion	Ratio	Lower	Upper
112	100		
64	61.1	55.8	83.6
63	30.7	28.0	42.0



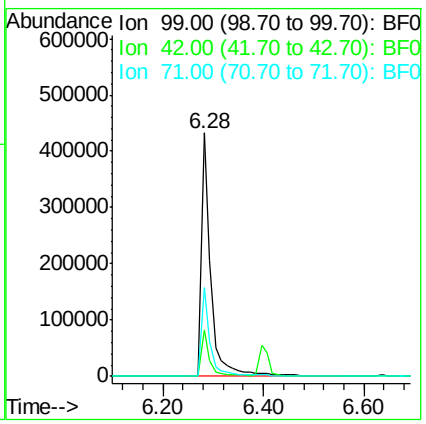


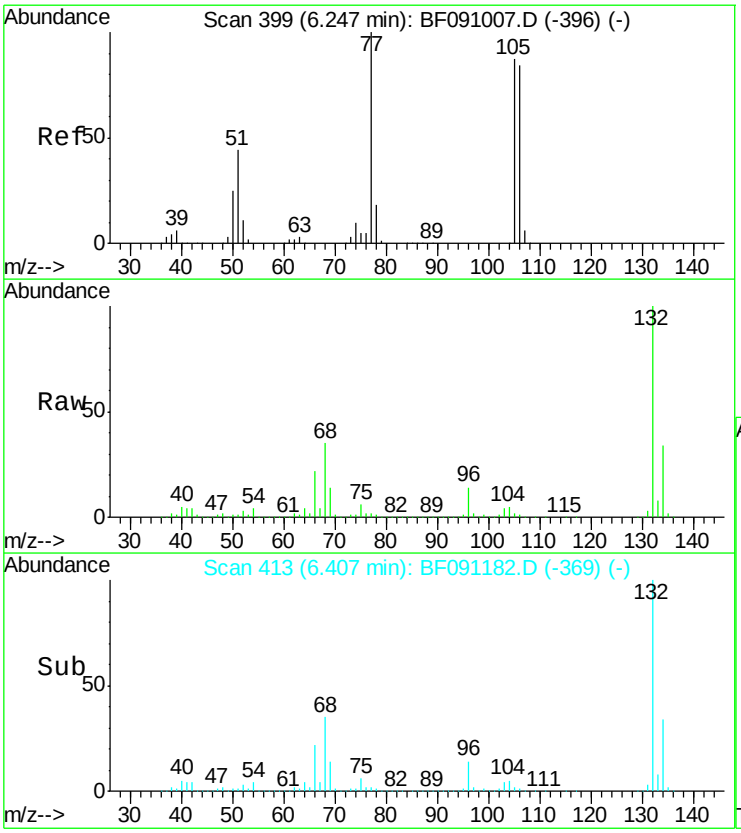
#7
Phenol-d6
Concen: 41.06 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion: 99 Resp: 558898

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.9	20.9
71	36.5	27.8	41.8

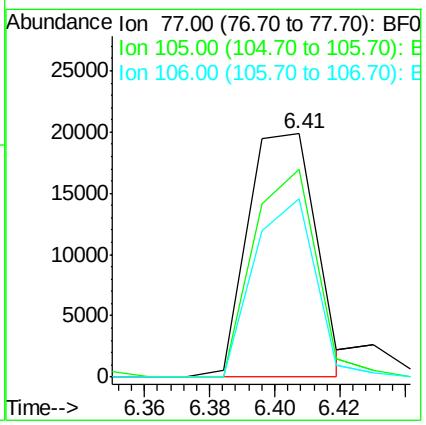


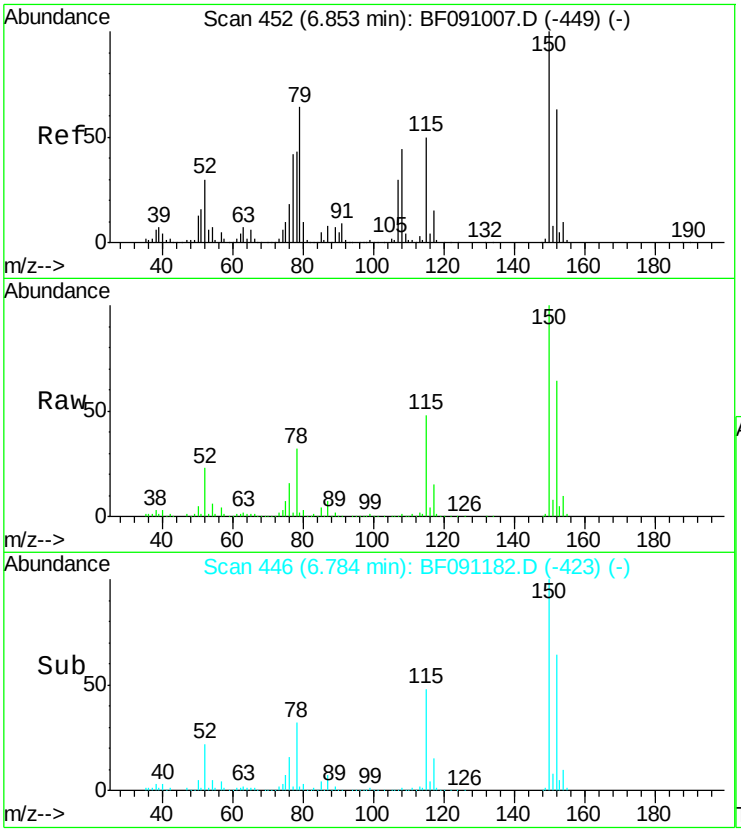


#9
Benzaldehyde
Concen: 3.83 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion: 77 Resp: 28906

Ion	Ratio	Lower	Upper
77	100		
105	85.4	66.8	106.8
106	73.5	64.0	104.0



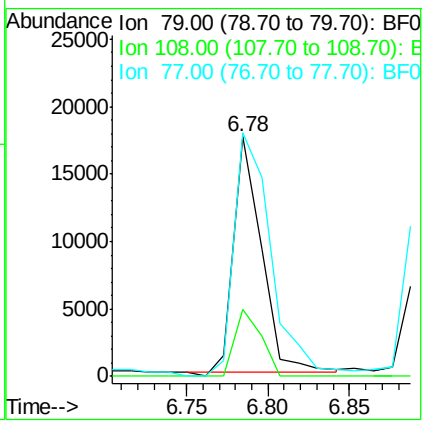


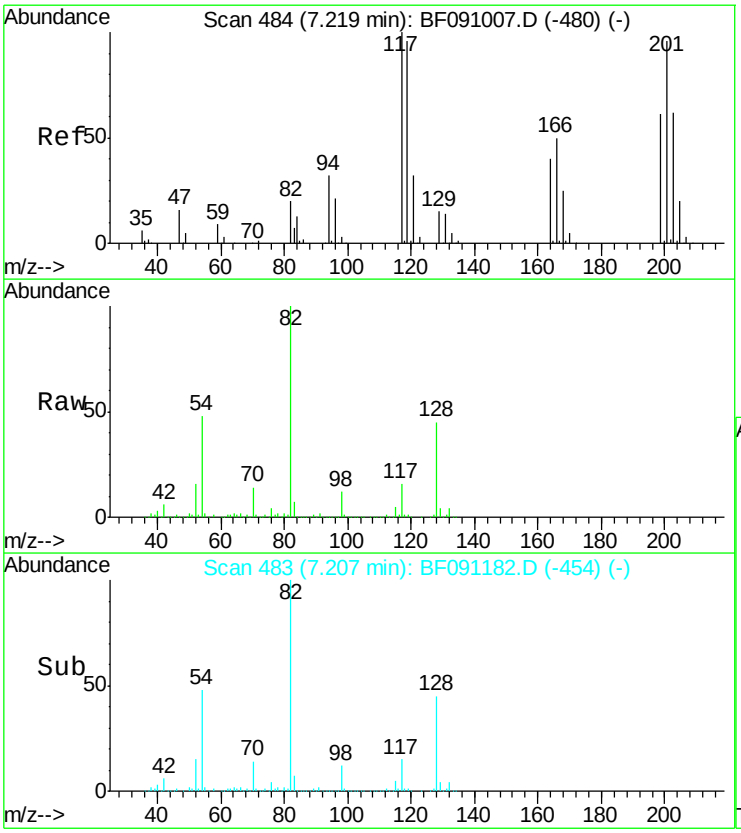
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 6.78 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion: 79 Resp: 20190

Ion	Ratio	Lower	Upper
79	100		
108	27.8	55.7	83.5#
77	101.7	52.6	79.0#

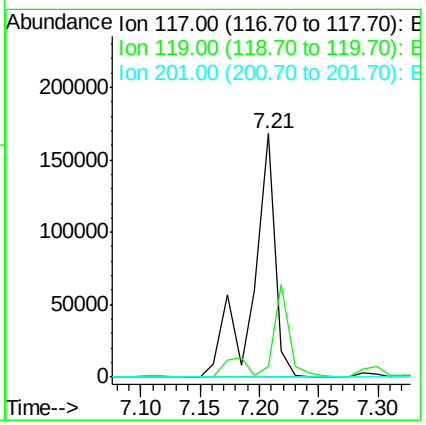


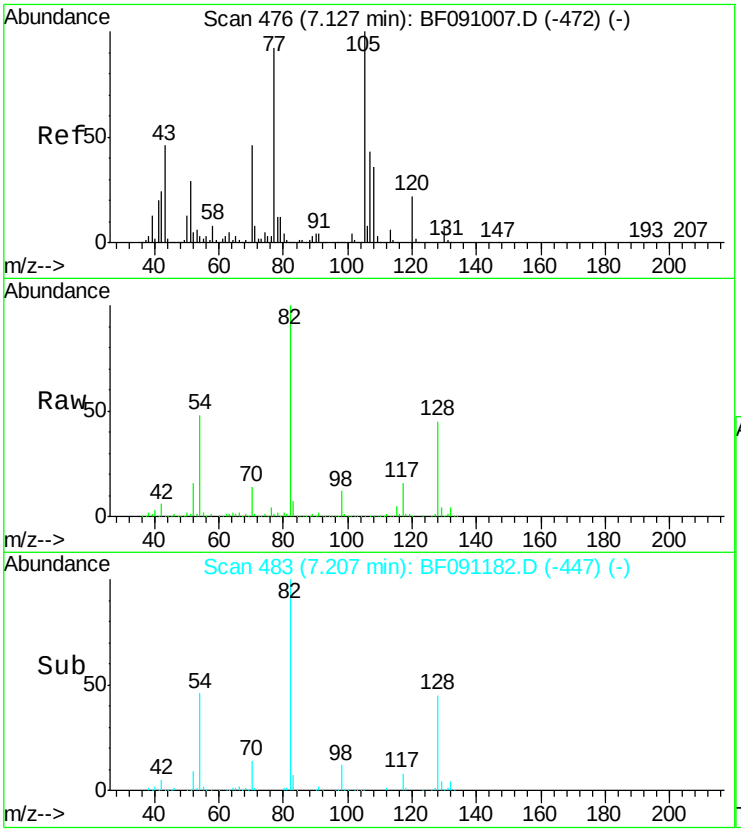


#18
Hexachloroethane
Concen: 44.06 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:117 Resp: 221331

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.6	115.0#
201	0.0	77.1	115.7#



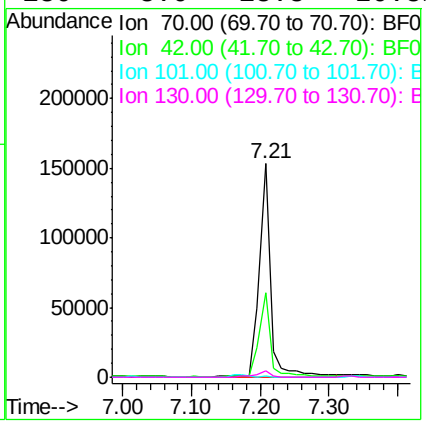


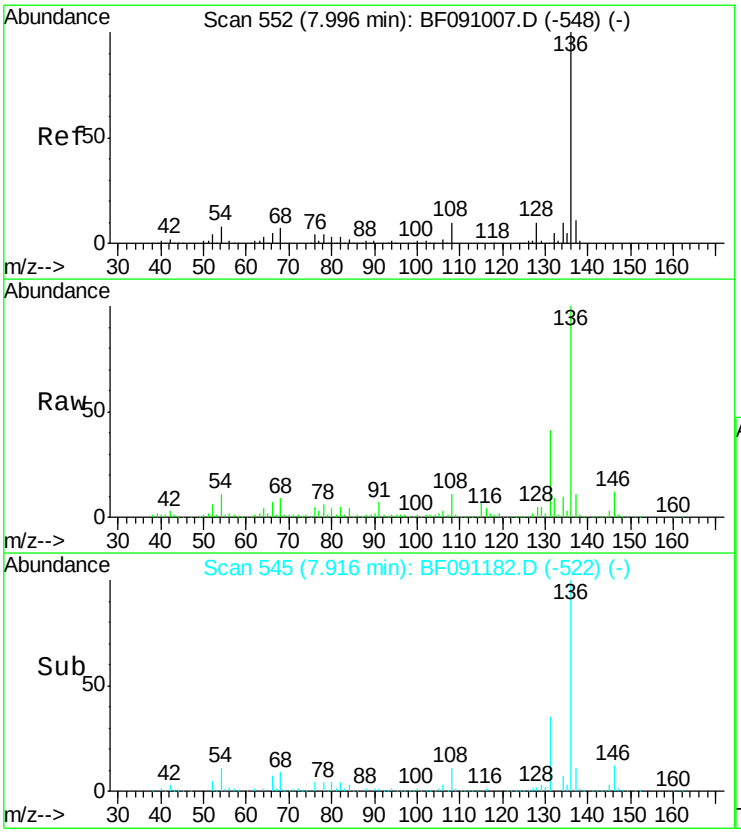
#19
n-Nitroso-di-n-propylamine
Concen: 18.36 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion: 70 Resp: 173174

Ion	Ratio	Lower	Upper
70	100		
42	39.7	41.7	62.5#
101	0.5	6.7	10.1#
130	3.0	13.8	20.8#

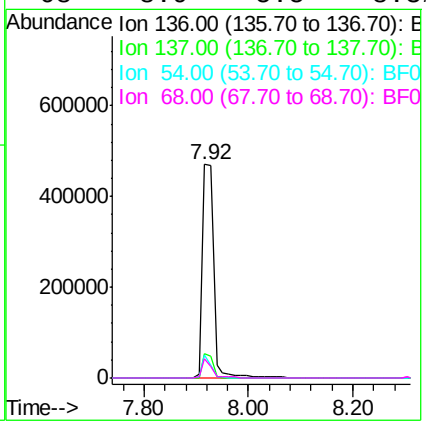


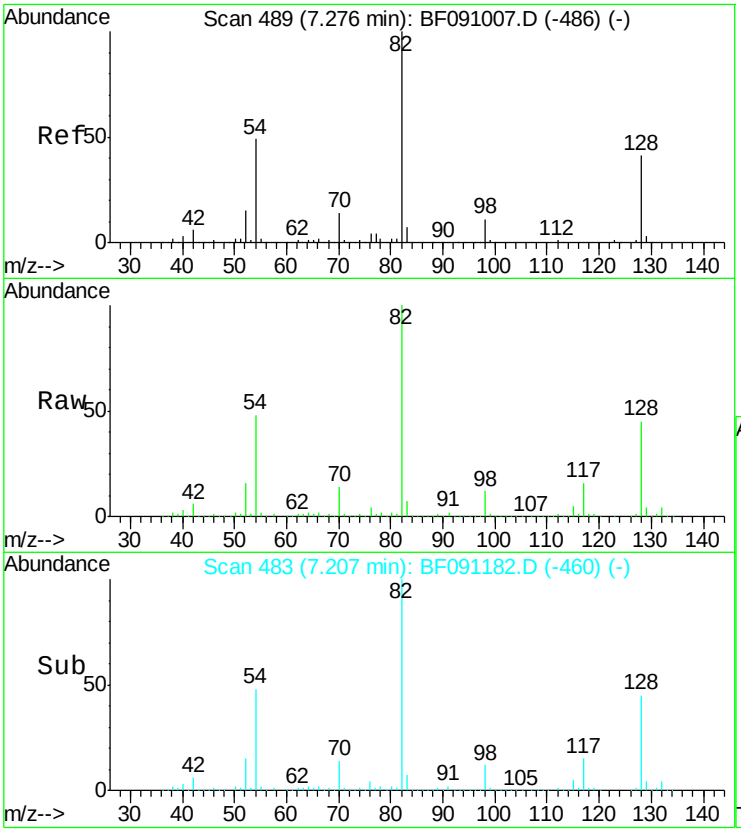


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:136 Resp: 705428

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.8	6.2	9.2#
68	8.9	5.5	8.3#



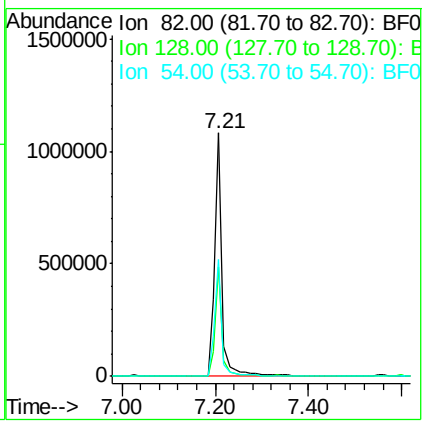


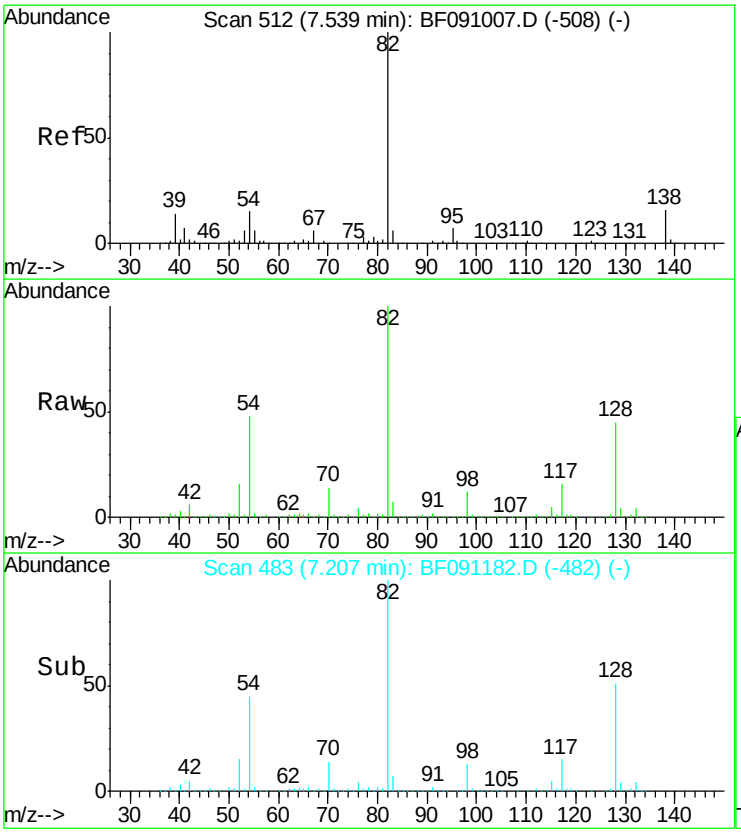
#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion: 82 Resp: 1212245

Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.4	48.6
54	47.8	39.2	58.8

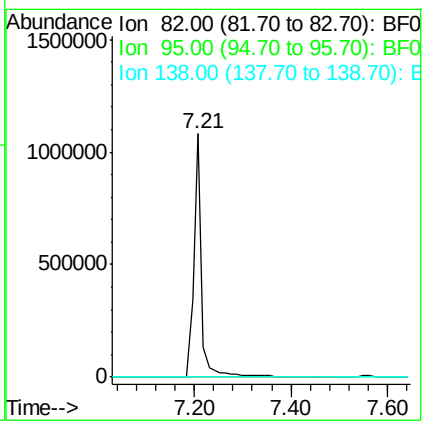


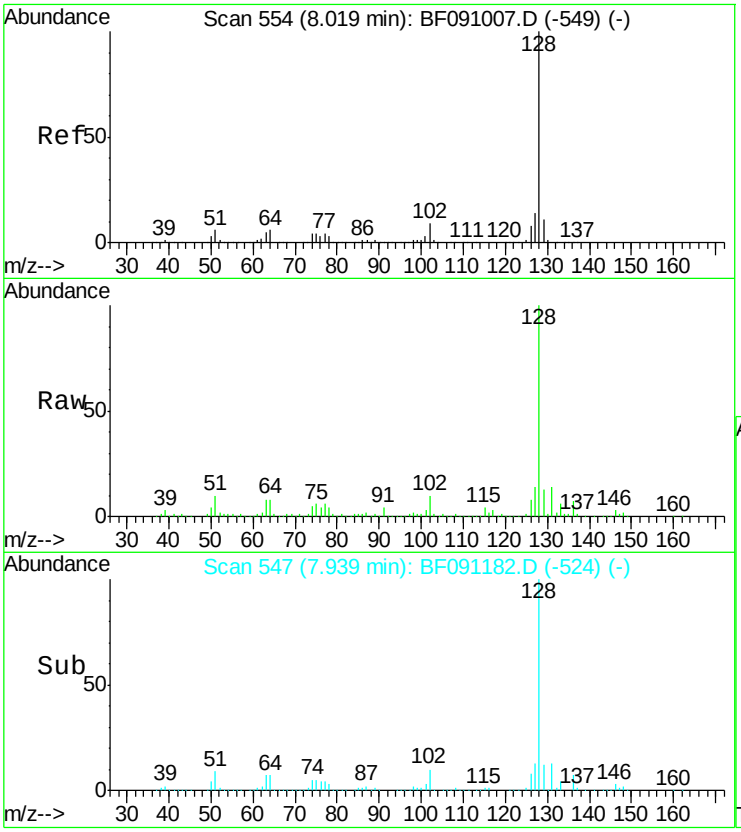


#25
Isophorone
Concen: 47.89 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion: 82 Resp: 1193317

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	13.0	19.4#



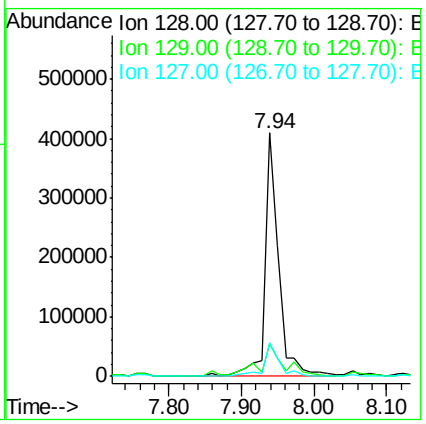


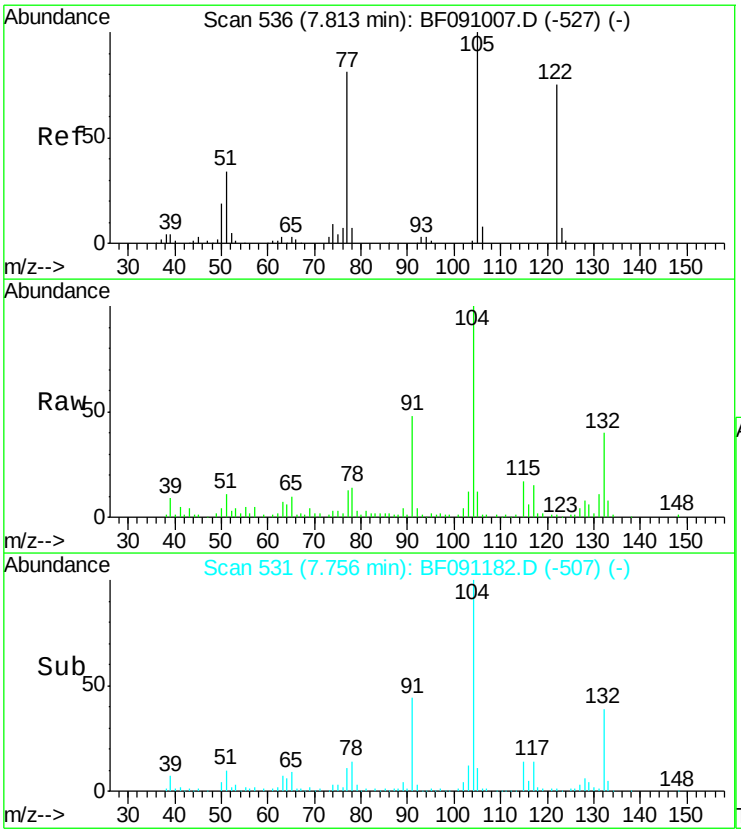
#31
Naphthalene
Concen: 16.20 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:128 Resp: 546633

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	13.7	10.9	16.3

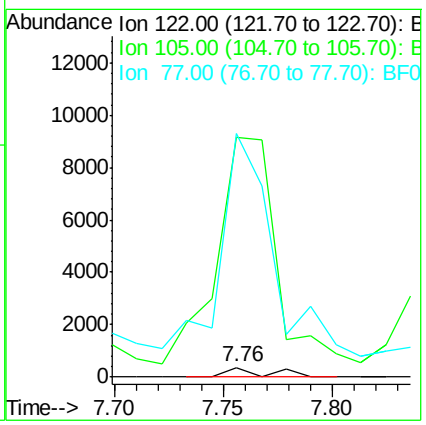


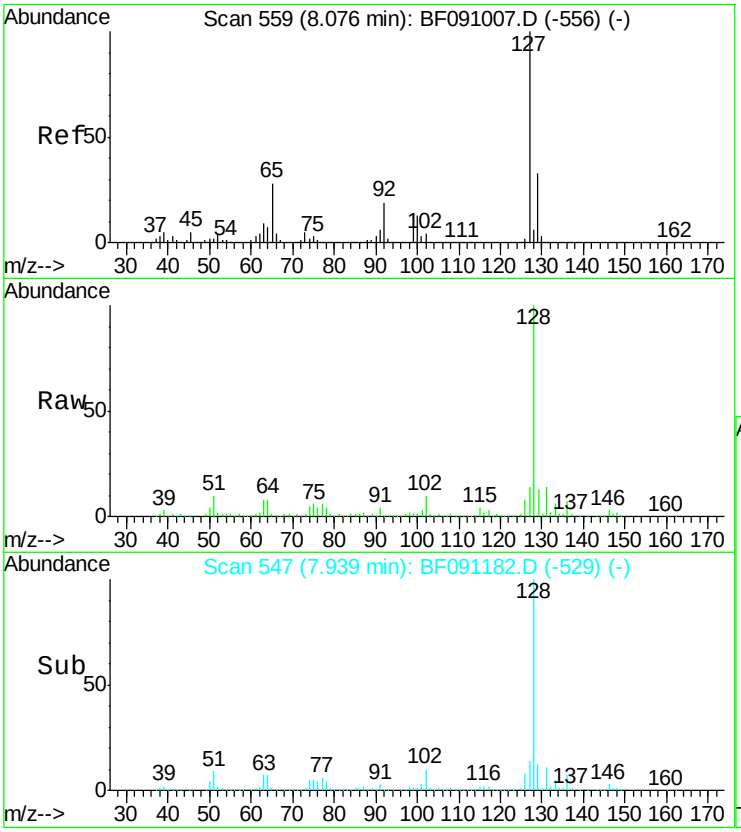


#32
Benzoic acid
Concen: 5.13 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:122 Resp: 479

Ion	Ratio	Lower	Upper
122	100		
105	2414.2	105.9	145.9#
77	2446.1	84.0	124.0#



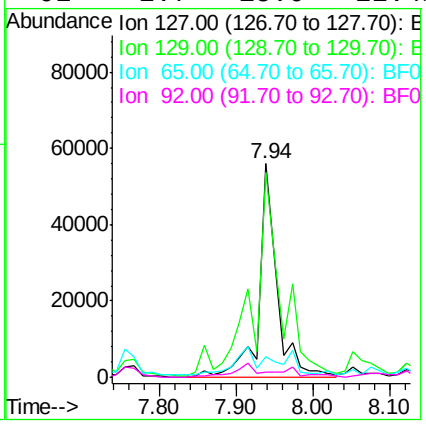


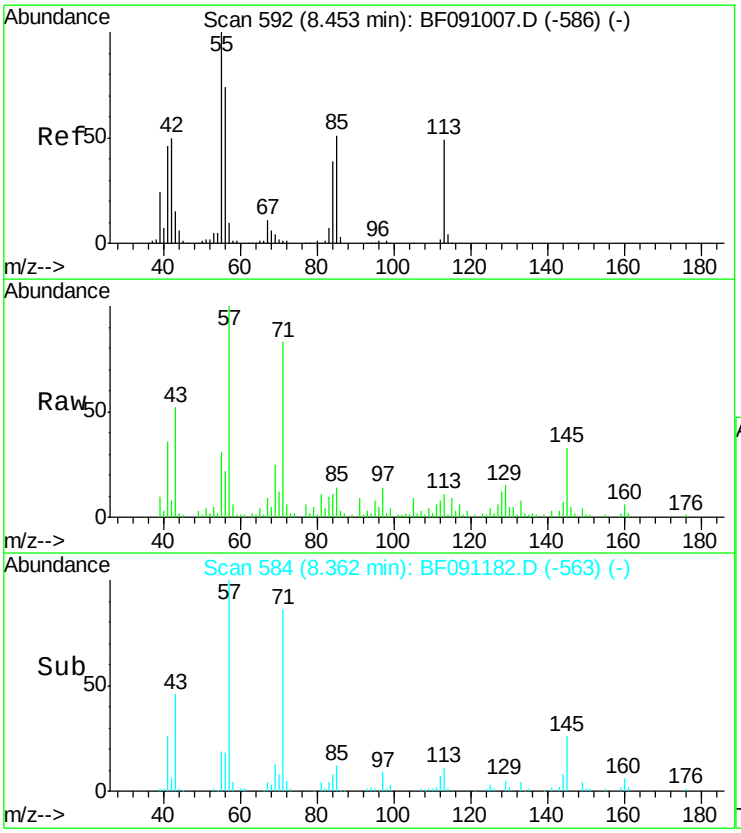
#33
4-Chloroaniline
Concen: 6.53 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.09 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:127 Resp: 91580

Ion	Ratio	Lower	Upper
127	100		
129	95.6	26.6	39.8#
65	9.3	22.2	33.2#
92	2.7	15.0	22.4#

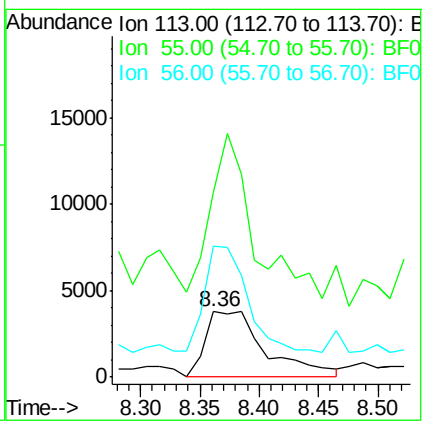


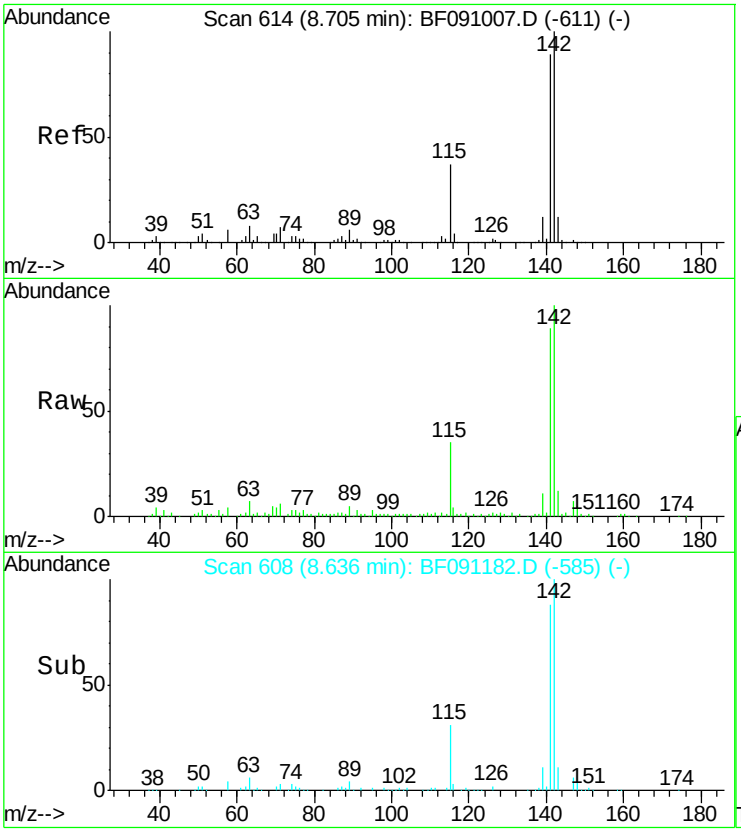


#35
Caprolactam
Concen: 4.91 ng
RT: 8.36 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:113 Resp: 13460

Ion	Ratio	Lower	Upper
113	100		
55	281.0	184.1	224.1#
56	200.0	132.0	172.0#



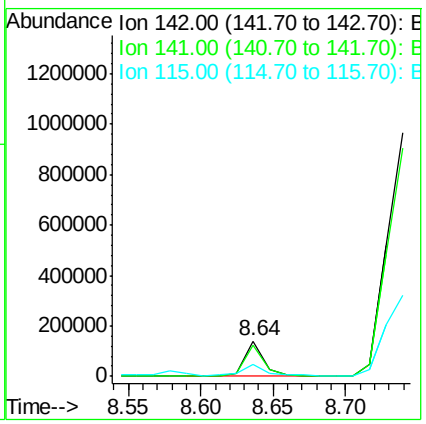


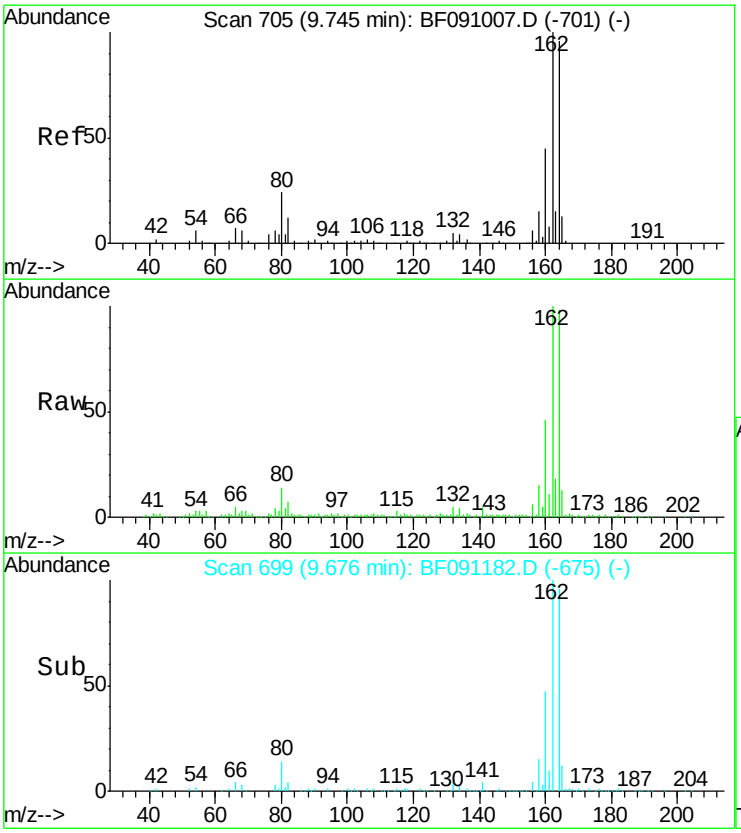
#37
2-Methylnaphthalene
Concen: 6.15 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:142 Resp: 133320

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	34.7	29.9	44.9

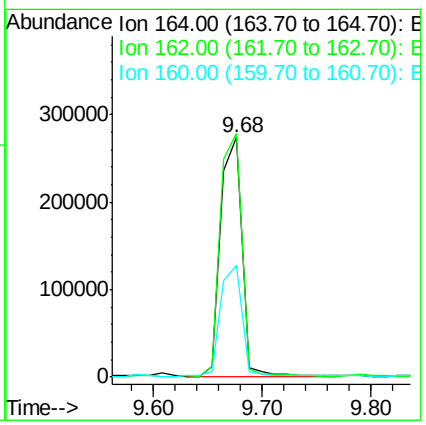


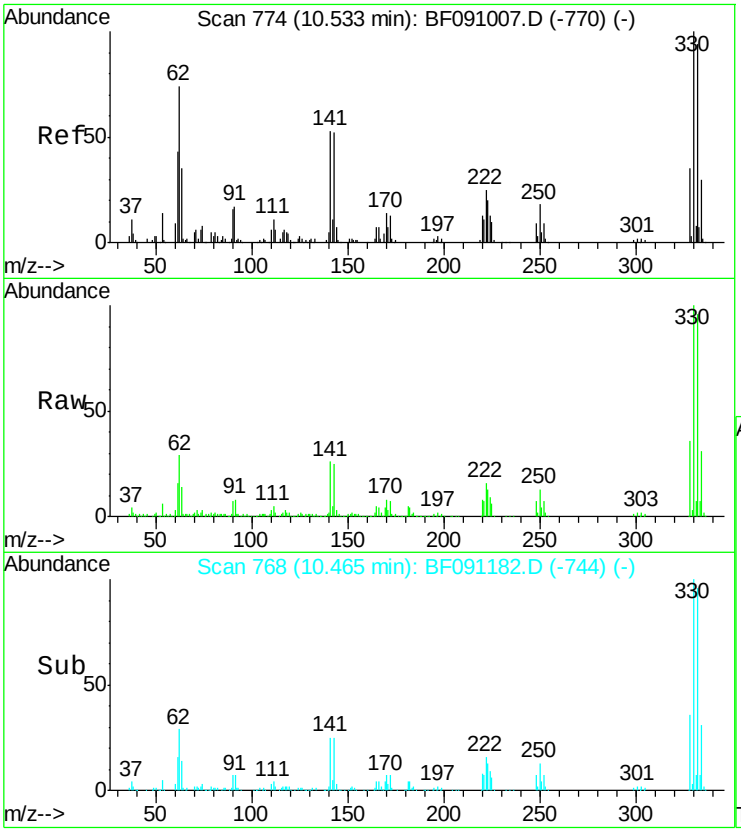


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:164 Resp: 372297

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.6	125.4
160	46.7	37.9	56.9



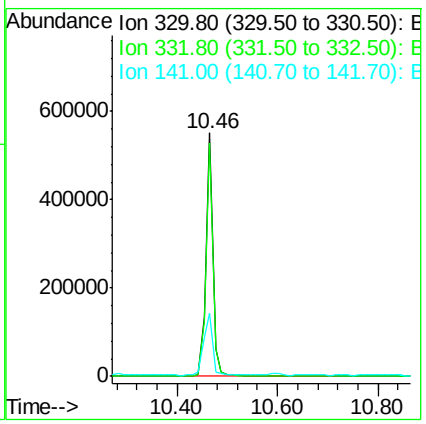


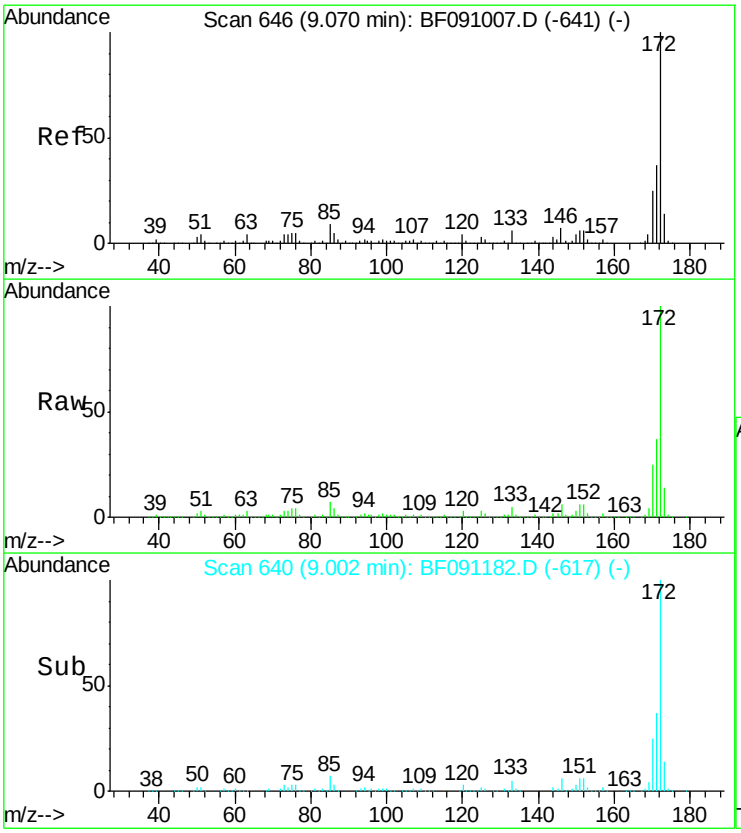
#41
2,4,6-Tribromophenol
Concen: 159.33 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:330 Resp: 536276

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	32.7	36.1	54.1#

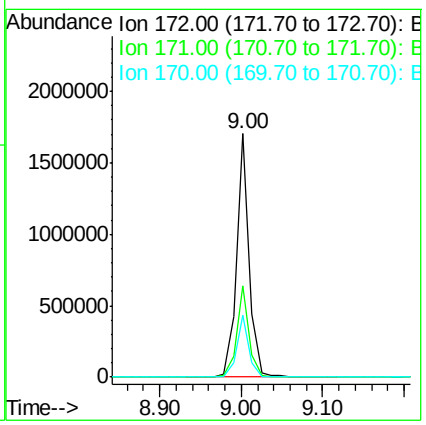


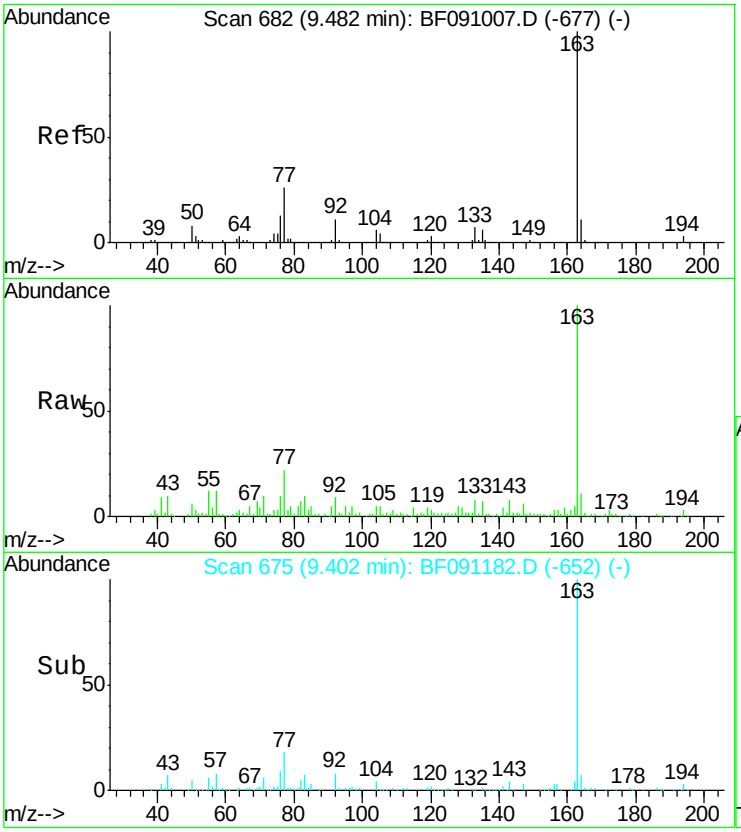


#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:172 Resp: 1834910

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.4	20.3	30.5



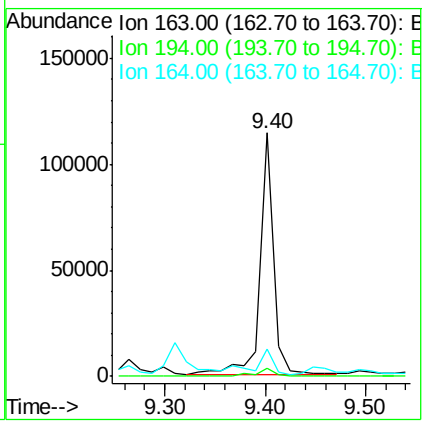


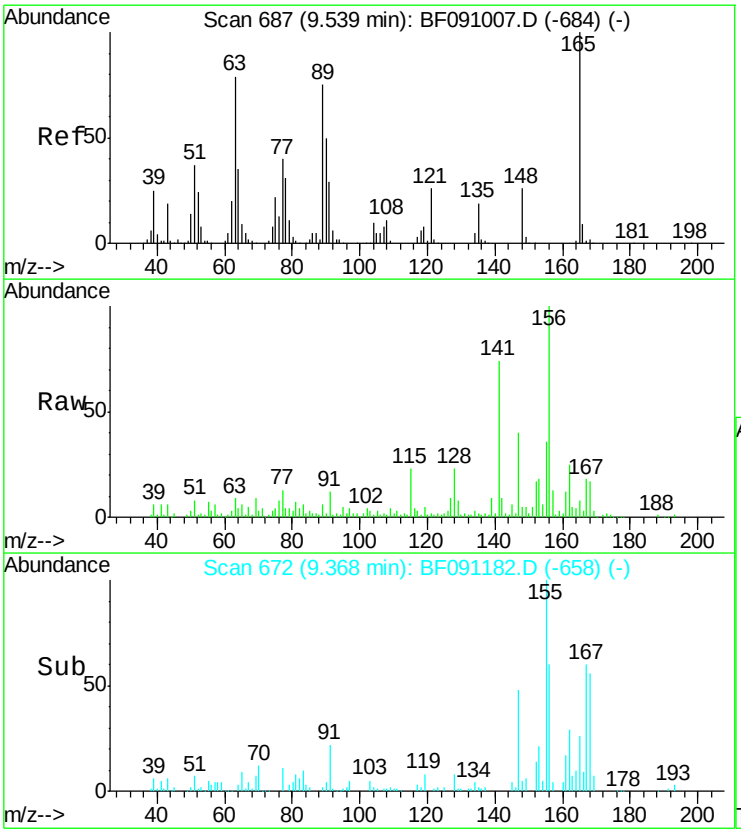
#49
Dimethylphthalate
Concen: 4.31 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:163 Resp: 105102

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.3	8.7	13.1

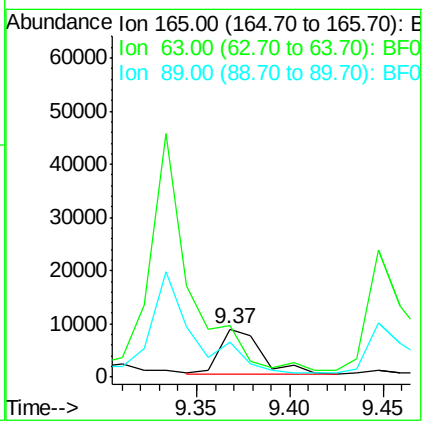


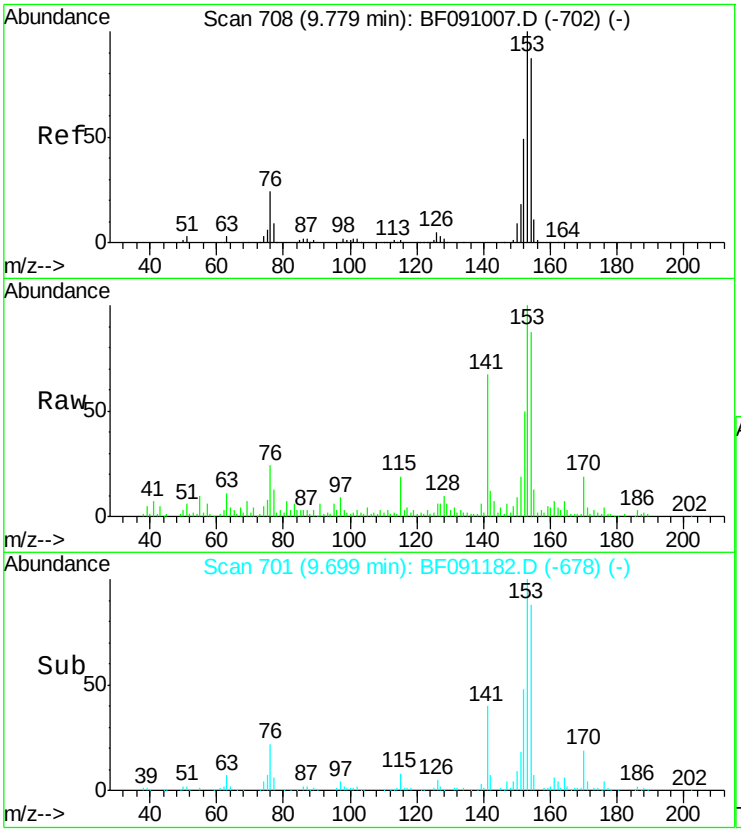


#50
2,6-Dinitrotoluene
Concen: 2.51 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.14 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:165 Resp: 13112

Ion	Ratio	Lower	Upper
165	100		
63	107.2	65.6	98.4#
89	73.5	59.8	89.6



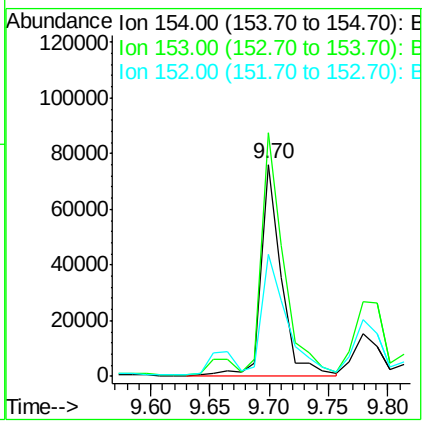


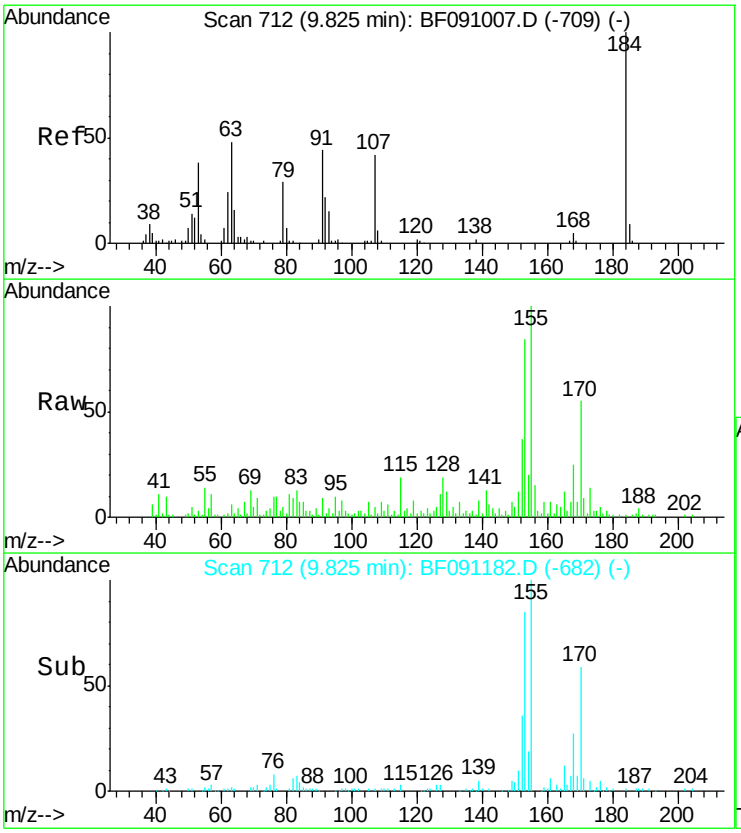
#51
Acenaphthene
Concen: 4.55 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:154 Resp: 91851

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.6	137.4
152	57.4	44.6	67.0

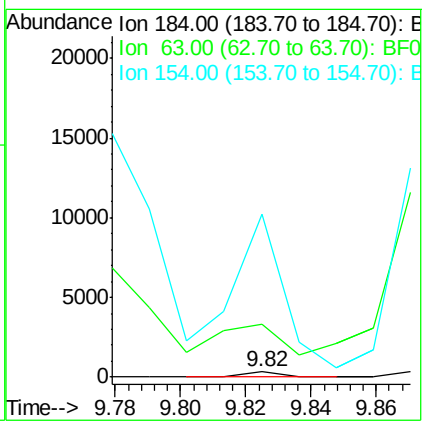


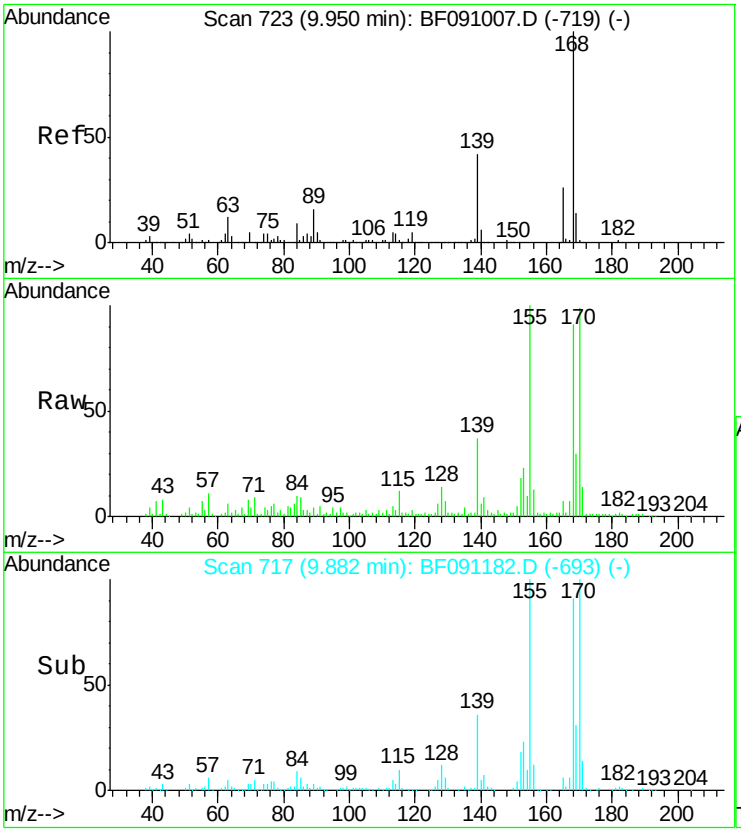


#53
2,4-Dinitrophenol
Concen: 6.33 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.05 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:184 Resp: 229

Ion	Ratio	Lower	Upper
184	100		
63	997.6	45.5	68.3#
154	3068.6	51.0	76.4#



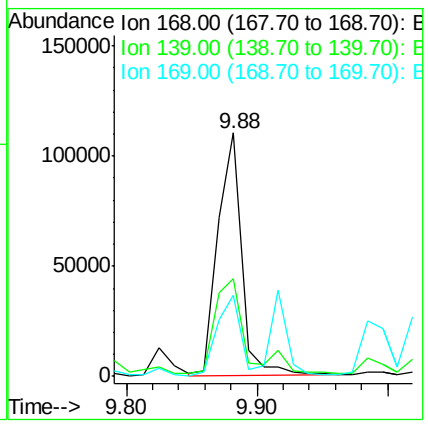


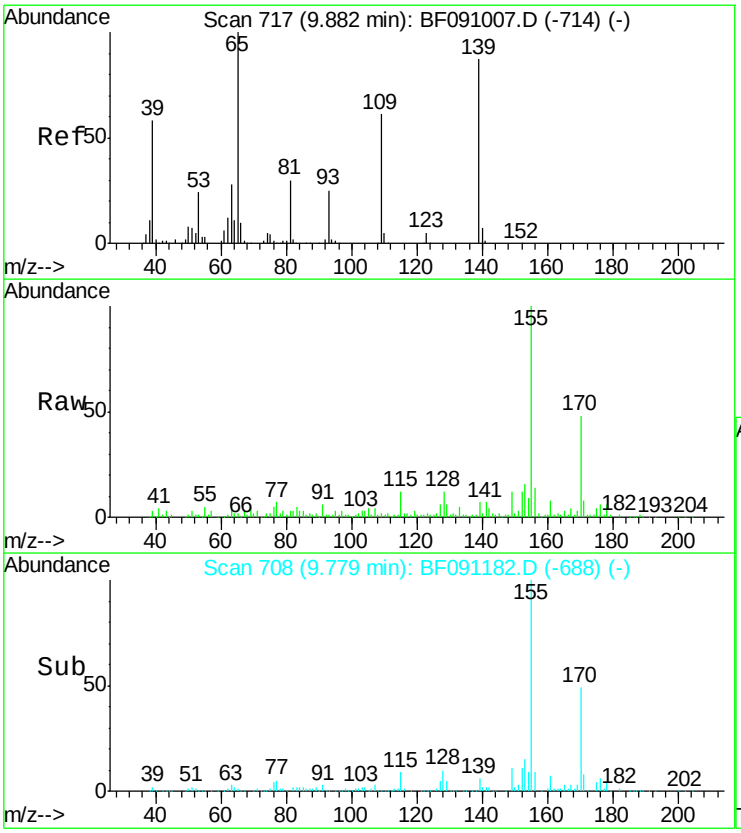
#54
Dibenzofuran
Concen: 5.17 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:168 Resp: 140479

Ion	Ratio	Lower	Upper
168	100		
139	40.2	34.8	52.2
169	33.4	11.4	17.2#

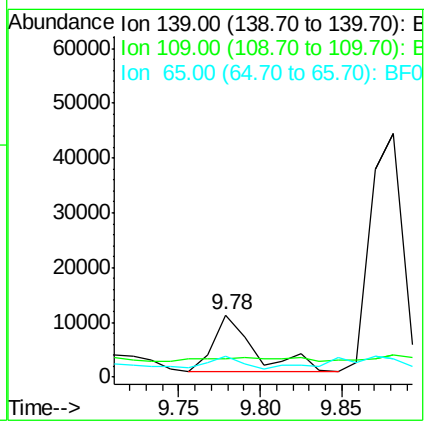


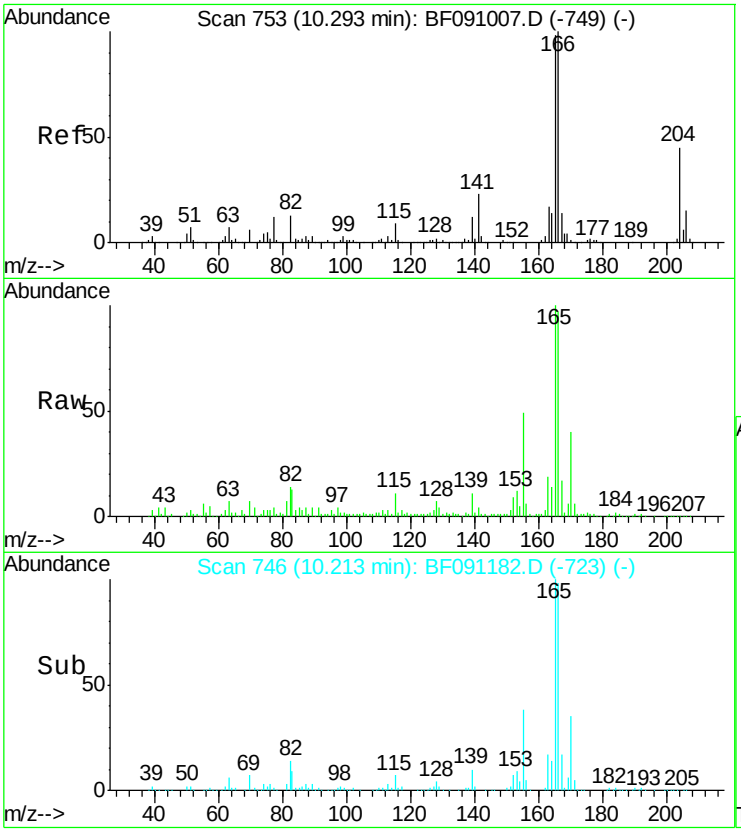


#55
4-Nitrophenol
Concen: 9.90 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:139 Resp: 18561

Ion	Ratio	Lower	Upper
139	100		
109	29.5	50.5	90.5#
65	32.5	97.1	137.1#



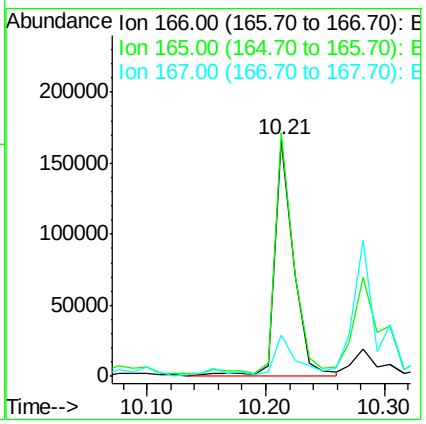


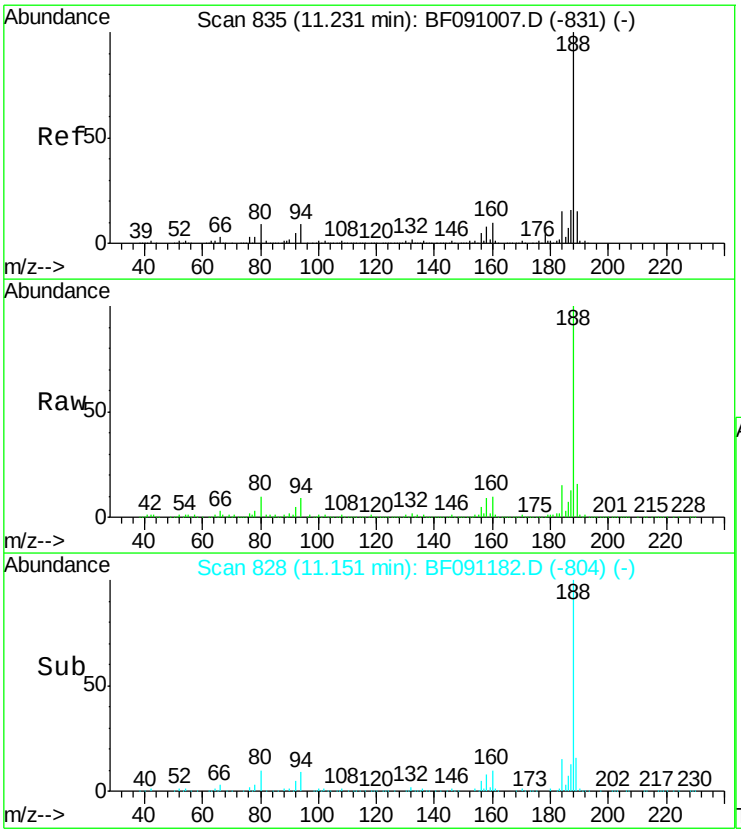
#57
Fluorene
Concen: 8.02 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:166 Resp: 178302

Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.6	118.0
167	17.4	11.1	16.7#

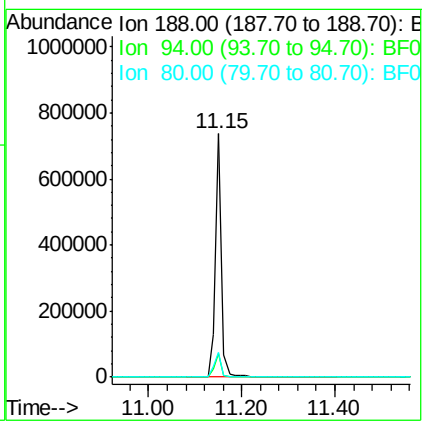


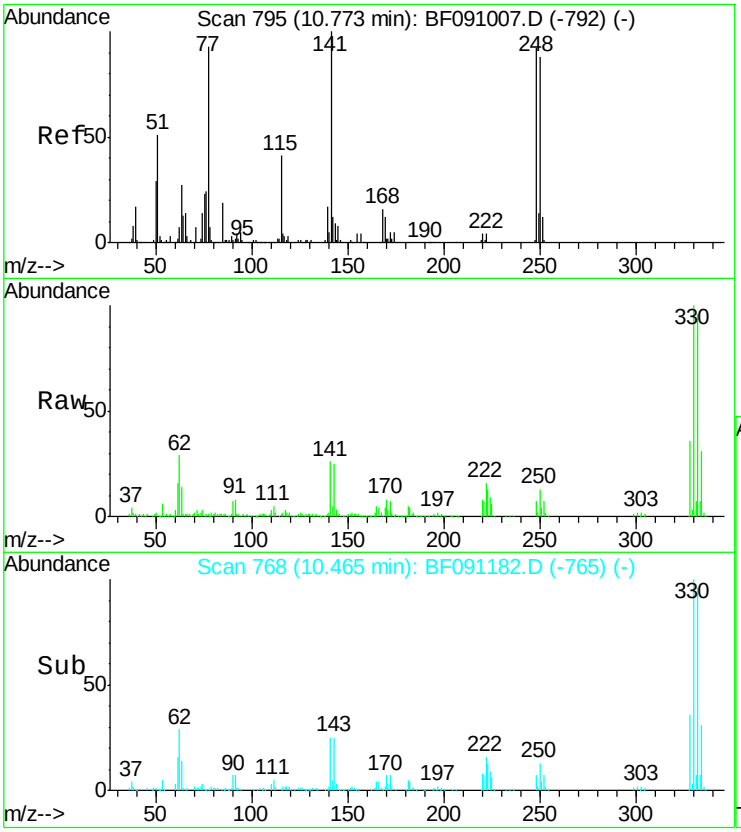


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:188 Resp: 662920

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.0	7.5	11.3



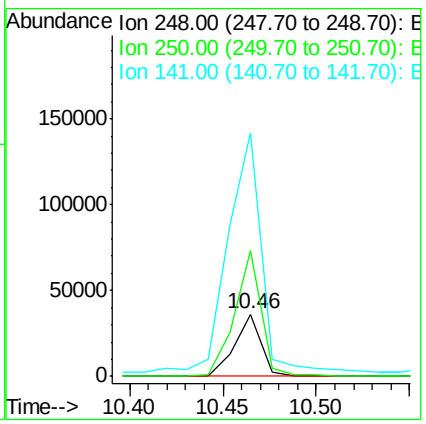


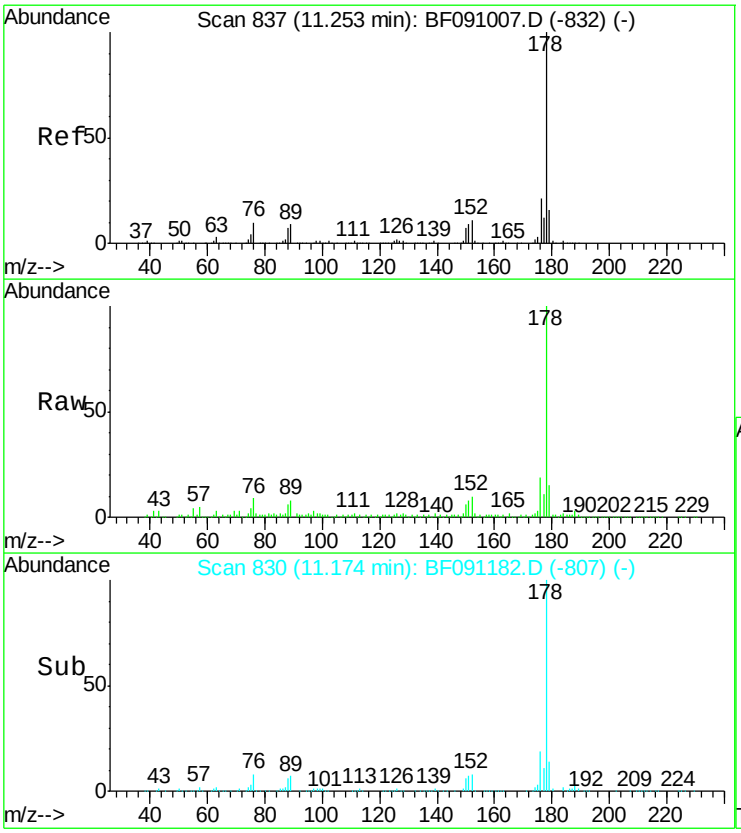
#66
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:248 Resp: 36071

Ion	Ratio	Lower	Upper
248	100		
250	202.5	76.3	114.5#
141	389.8	86.8	130.2#

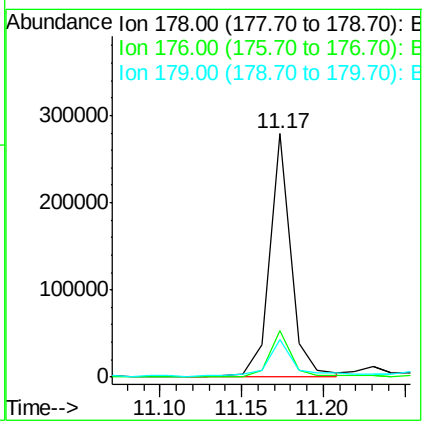


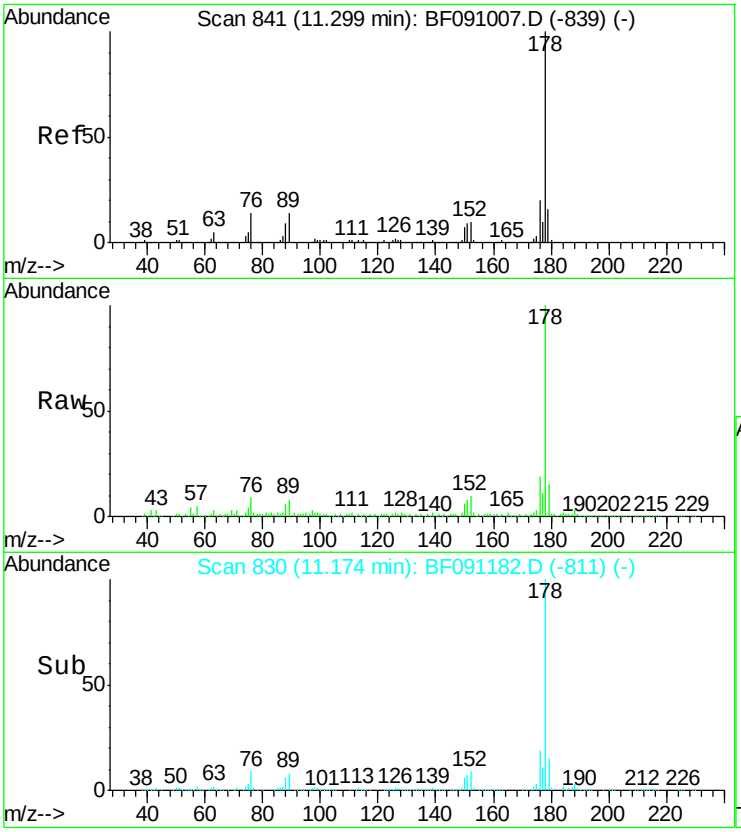


#70
Phenanthrene
Concen: 7.10 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:178 Resp: 250346

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.6	25.0
179	15.4	12.9	19.3



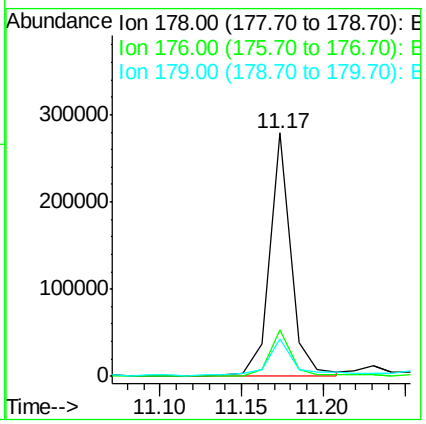


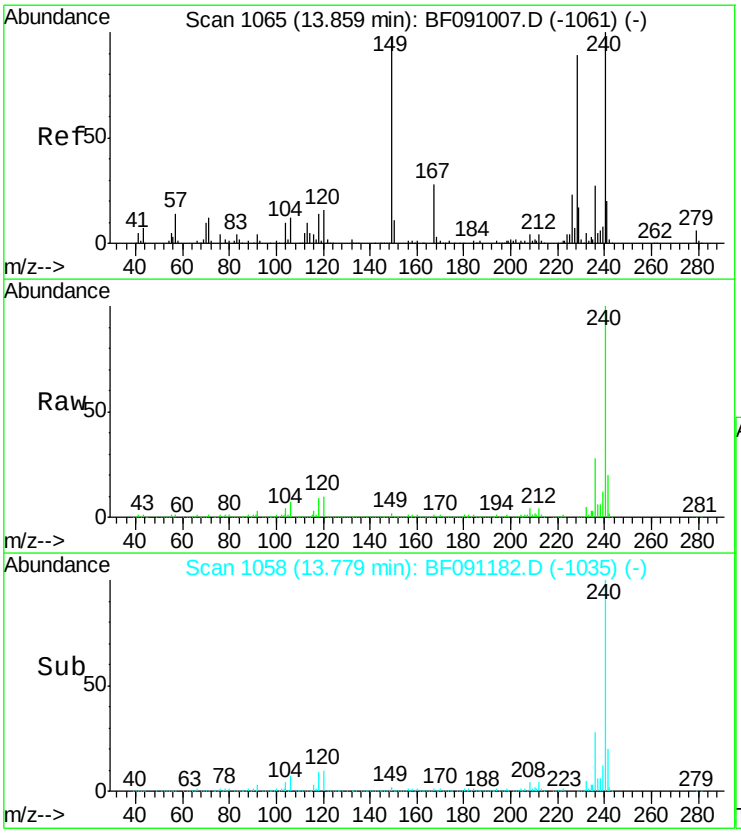
#71
Anthracene
Concen: 6.68 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.08 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:178 Resp: 250346

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.4	13.0	19.6

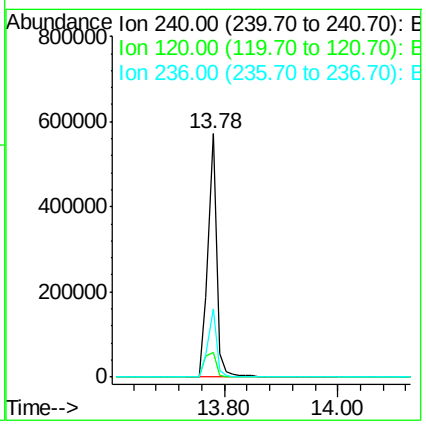


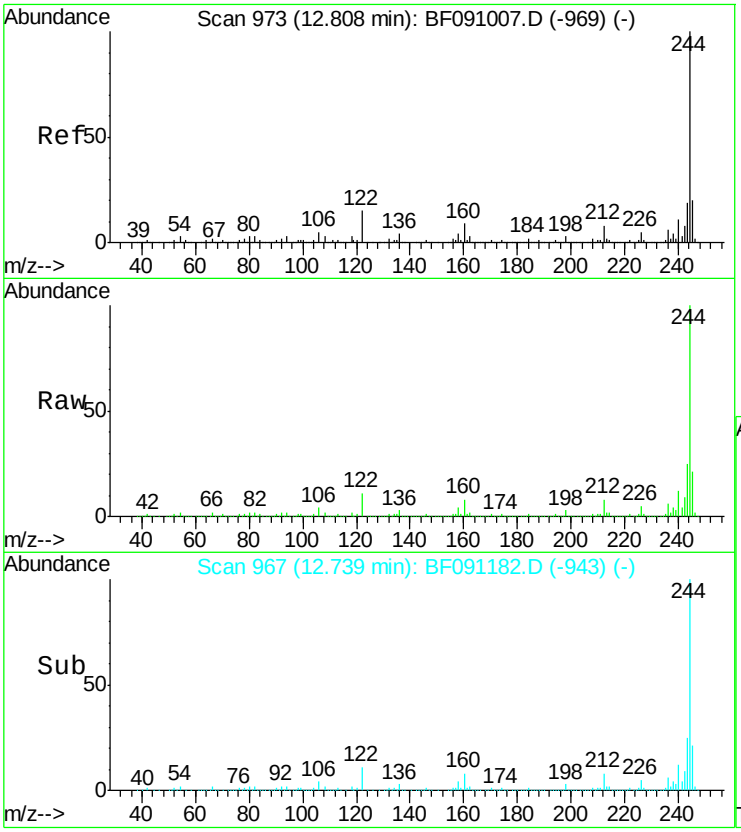


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:240 Resp: 591633

Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	27.9	21.9	32.9



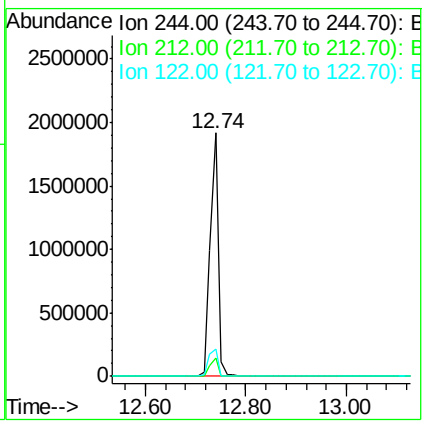


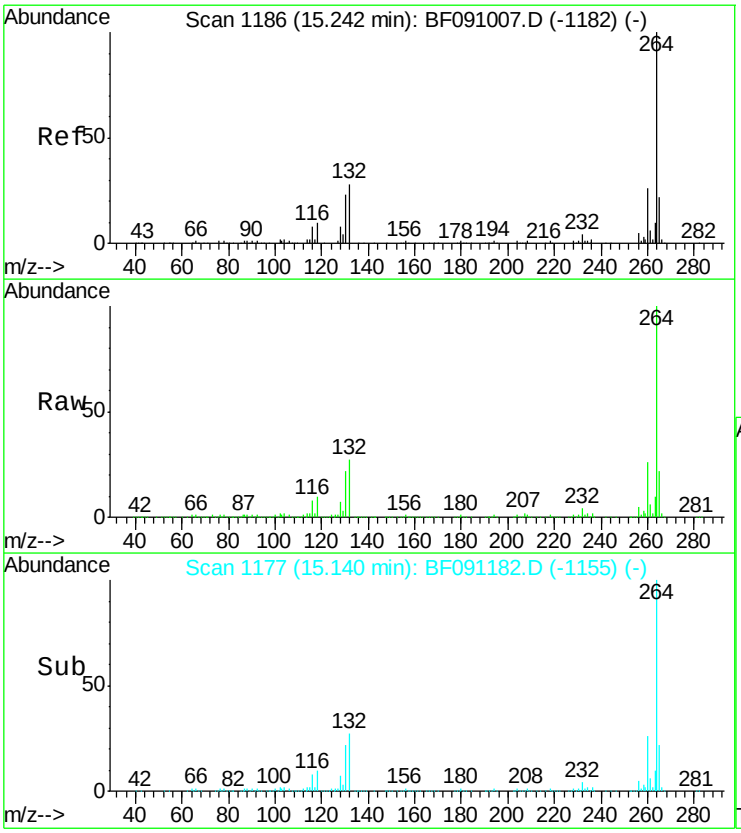
#78
Terphenyl-d14
Concen: 90.36 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

Tgt Ion:244 Resp: 2142408

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	11.3	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Tgt Ion:264 Resp: 437185

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.1	17.8	26.8