Quantitation Report (LSC 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 06:34:35 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
31) Naphthalene	7.94	128	546633	16.20	ng		98
37) 2-Methylnaphthalene	8.64	142	133320	6.15	ng		98
49) Dimethylphthalate	9.40	163	105102	4.31	ng		99
51) Acenaphthene	9.70	154	91851	4.55	ng		99
54) Dibenzofuran	9.88	168	140479	5.17	ng	#	85
57) Fluorene	10.21	166	178302	8.02	ng	#	95
70) Phenanthrene	11.17	178	250346	7.10	ng		97

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

Quantitation Report (LSC Reviewed)

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

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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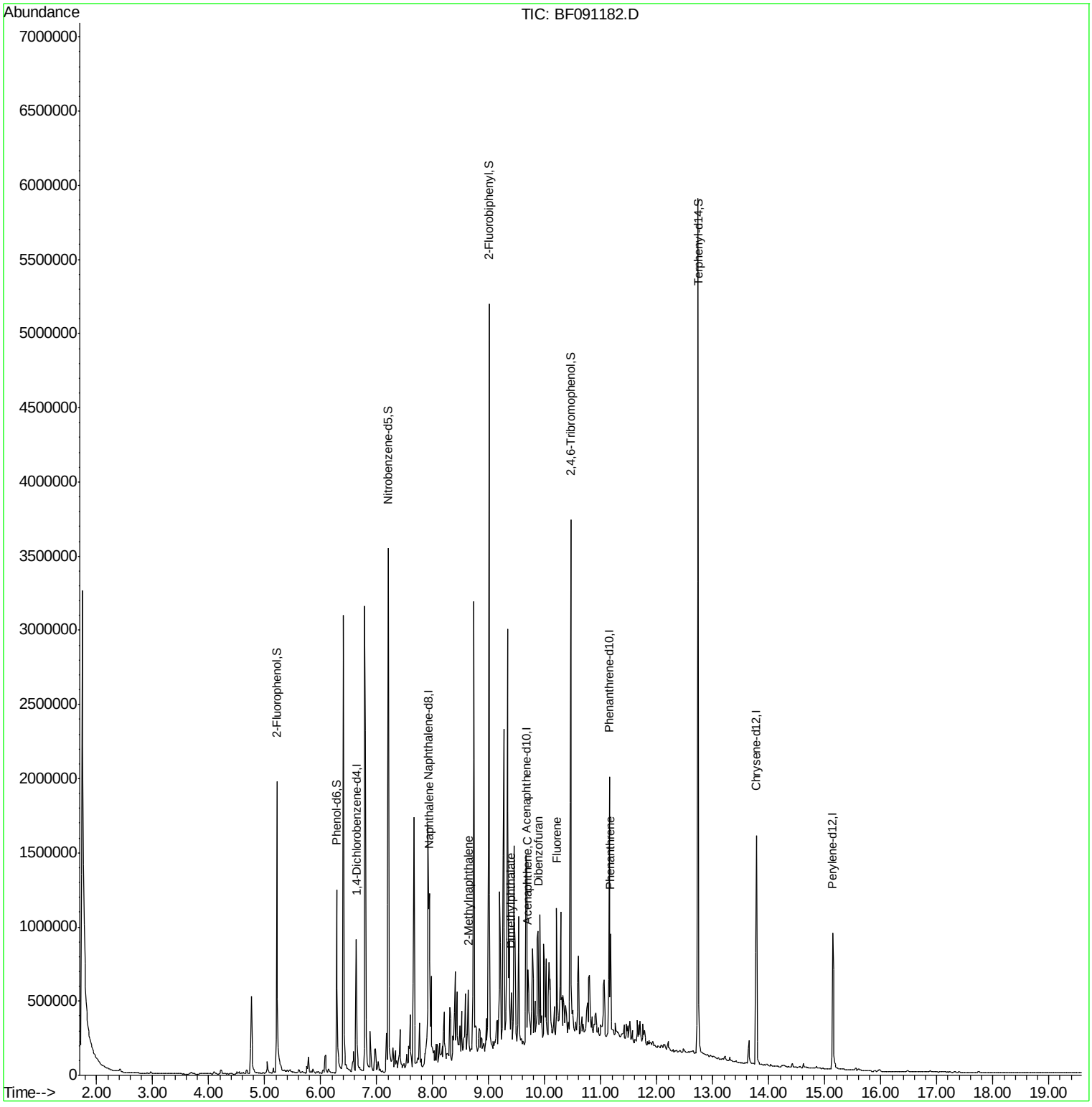
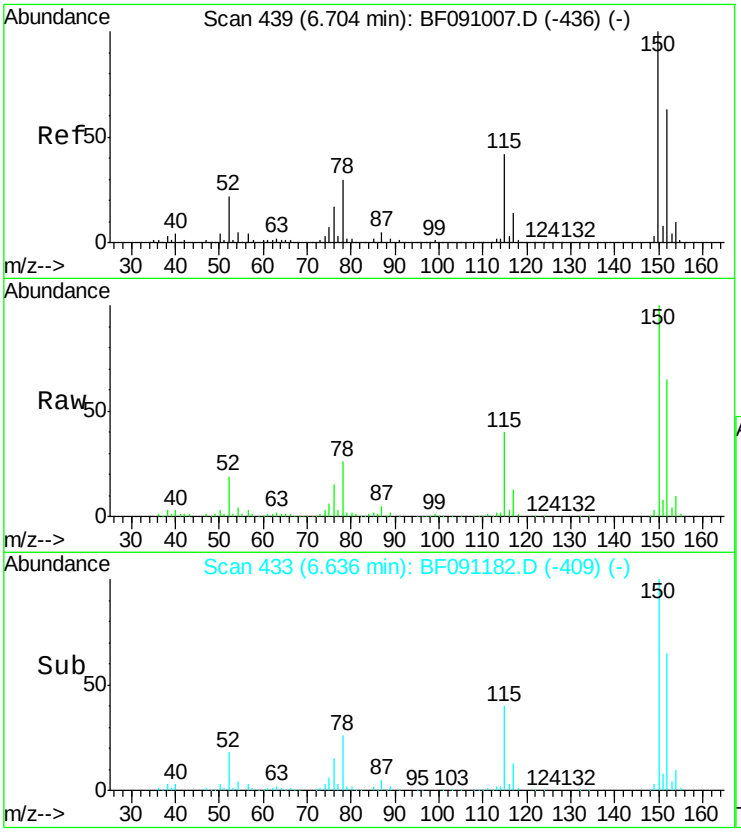


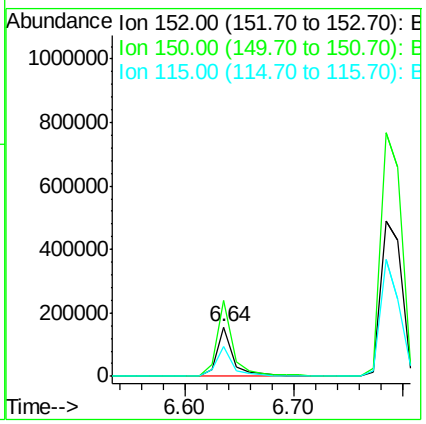


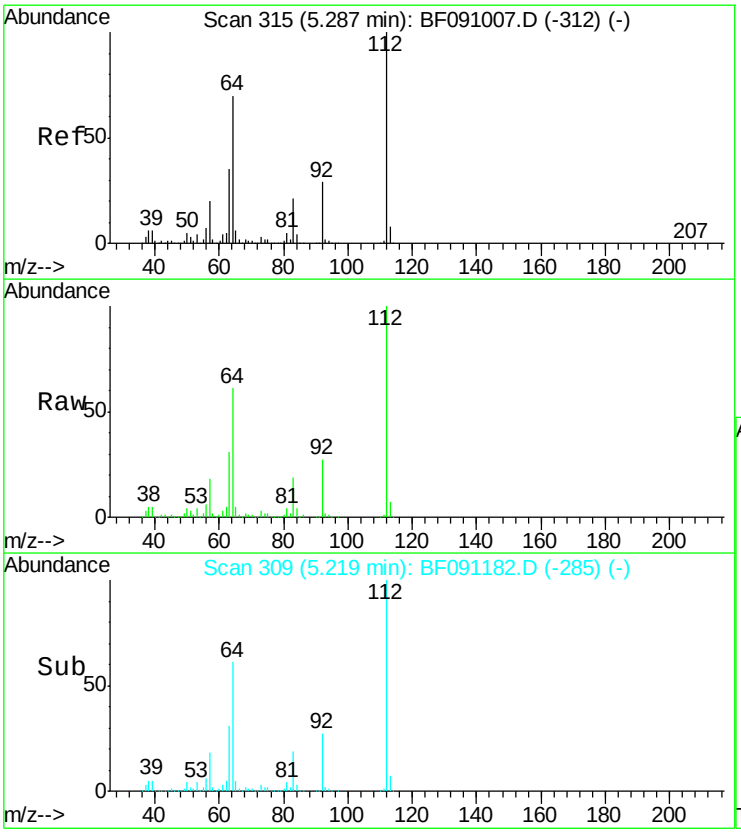
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

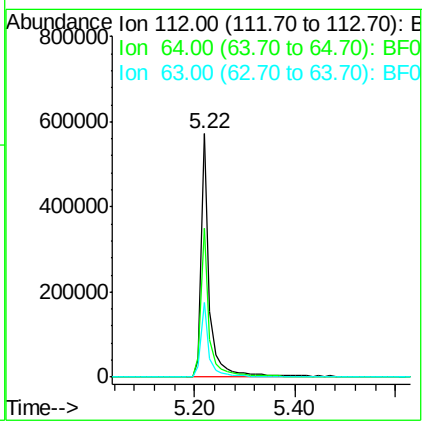


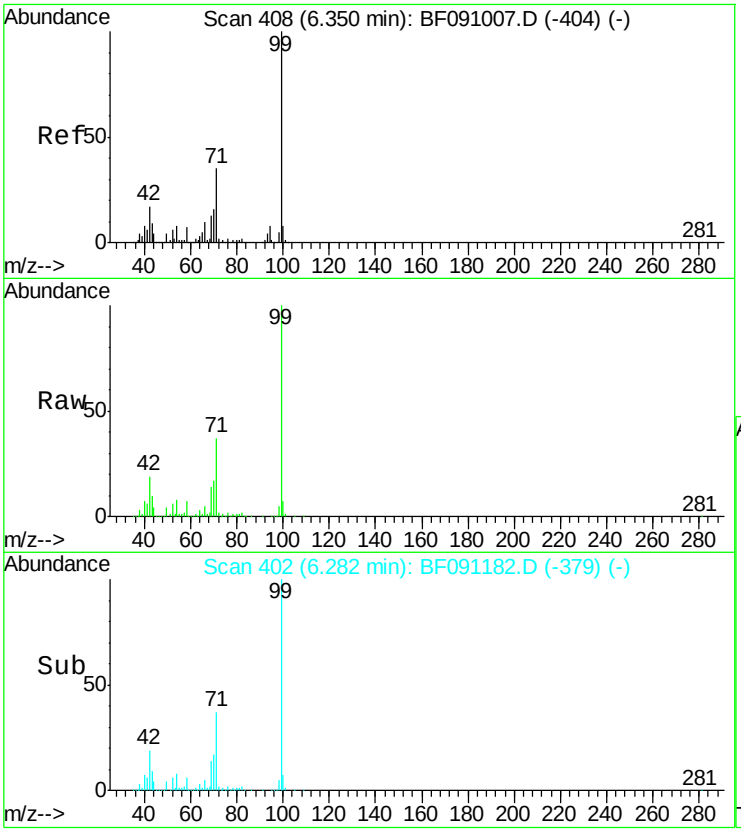


#5
2-Fluorophenol
Concen: 65.95 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



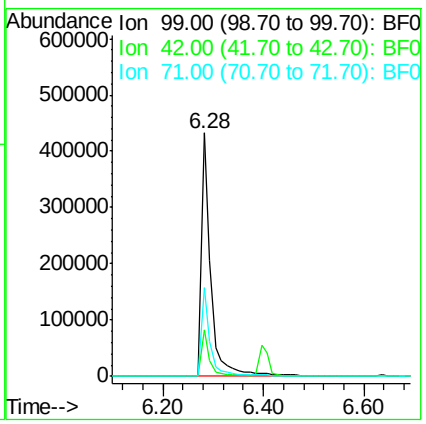


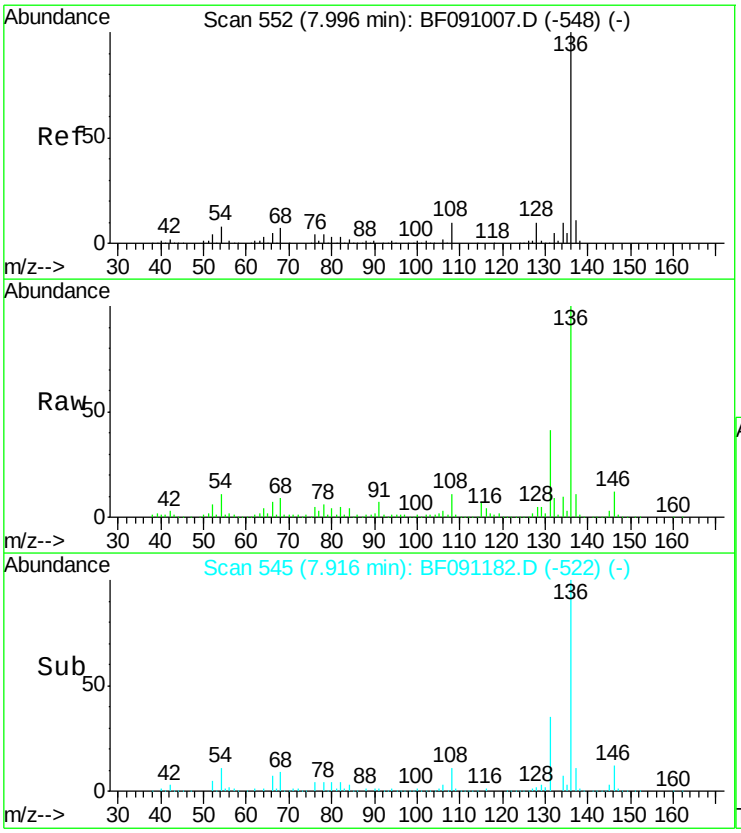
#7
Phenol-d6
Concen: 41.06 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

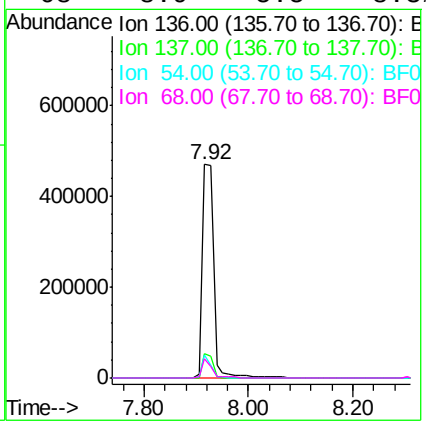


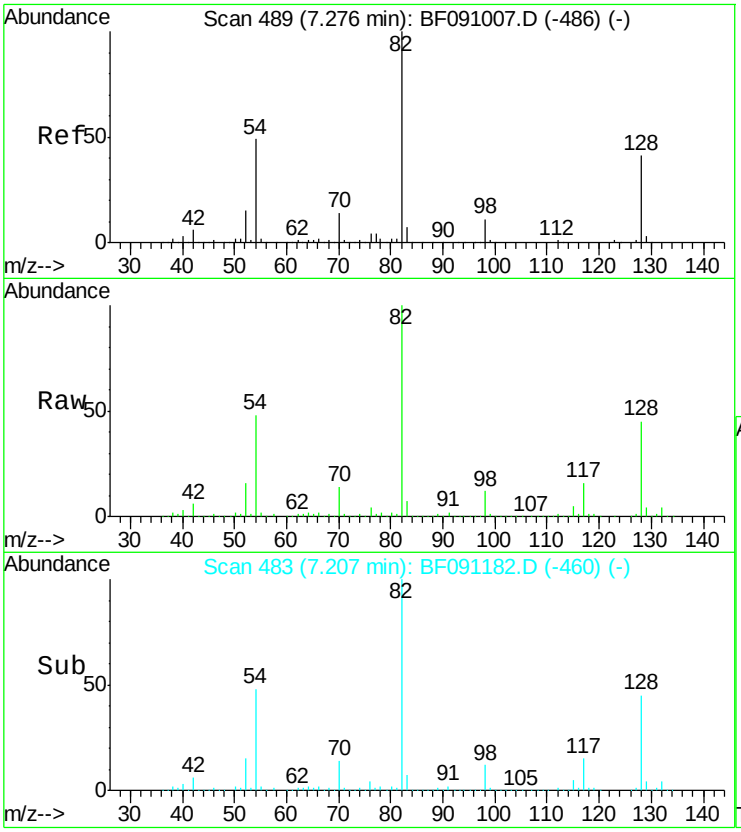


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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#



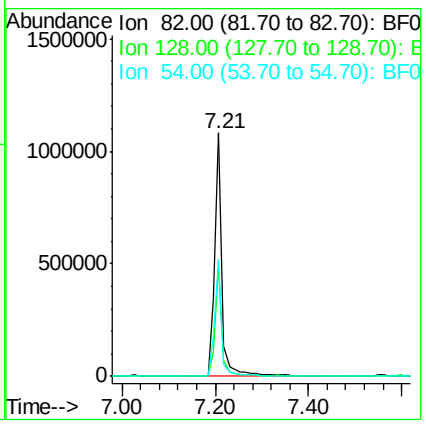


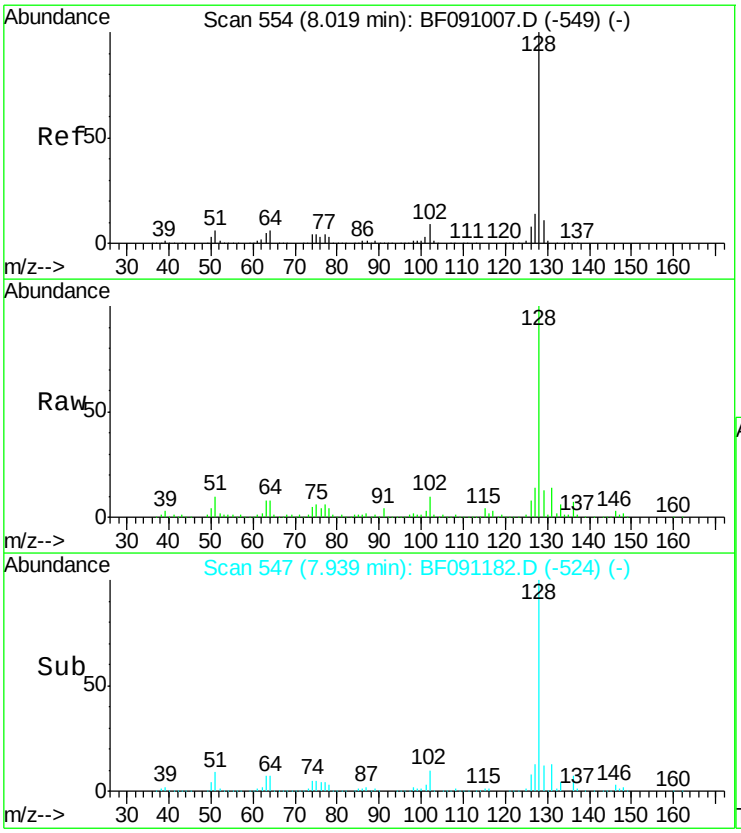
#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

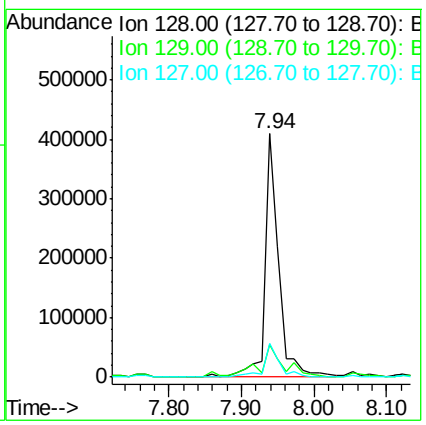


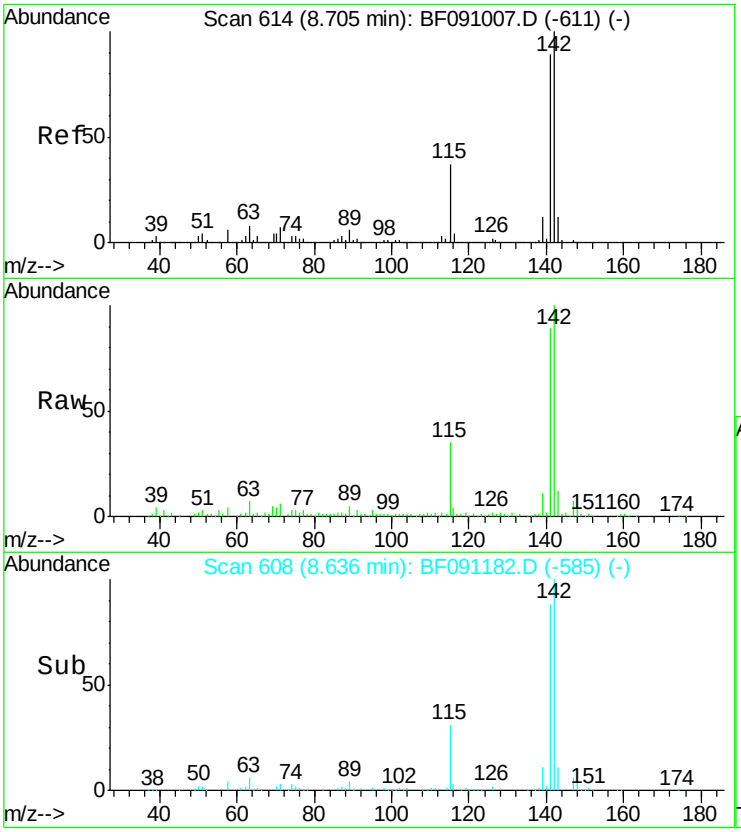


#31
Naphthalene
Concen: 16.20 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



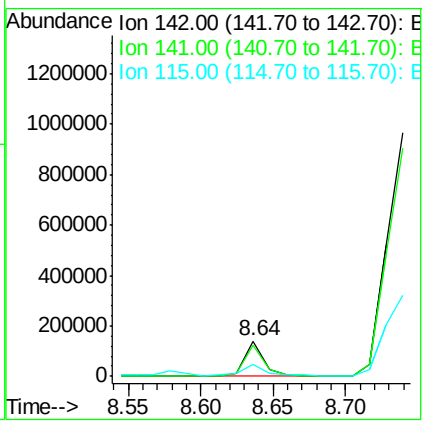


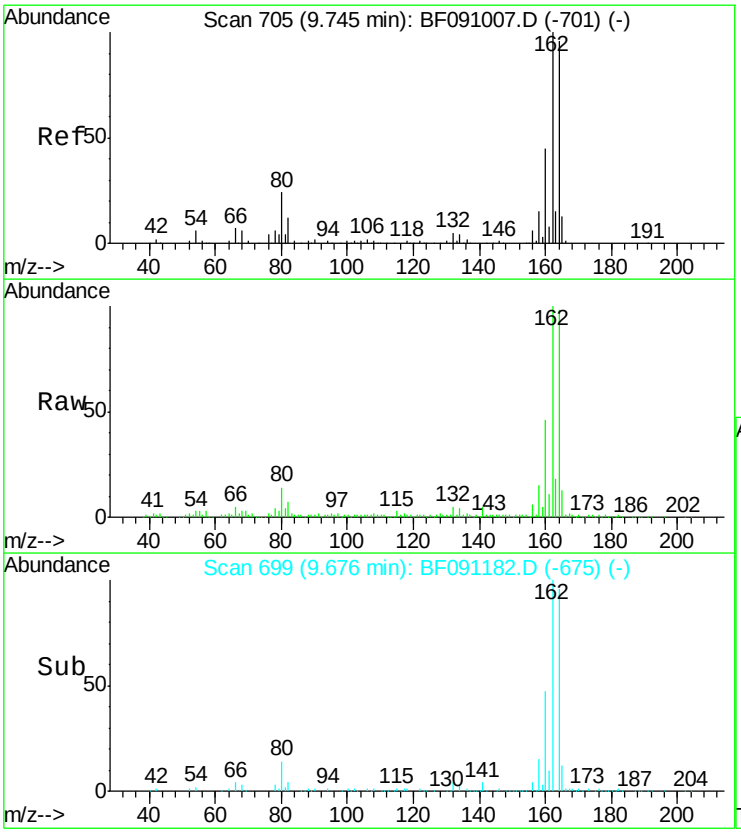
#37
2-Methylnaphthalene
Concen: 6.15 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

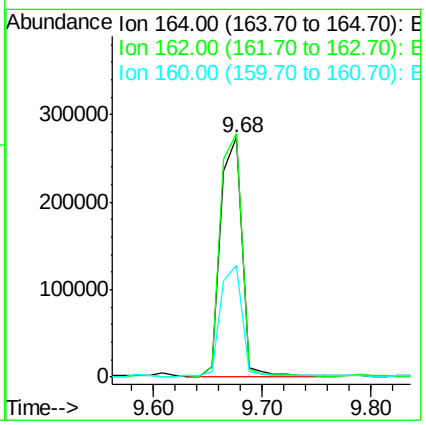


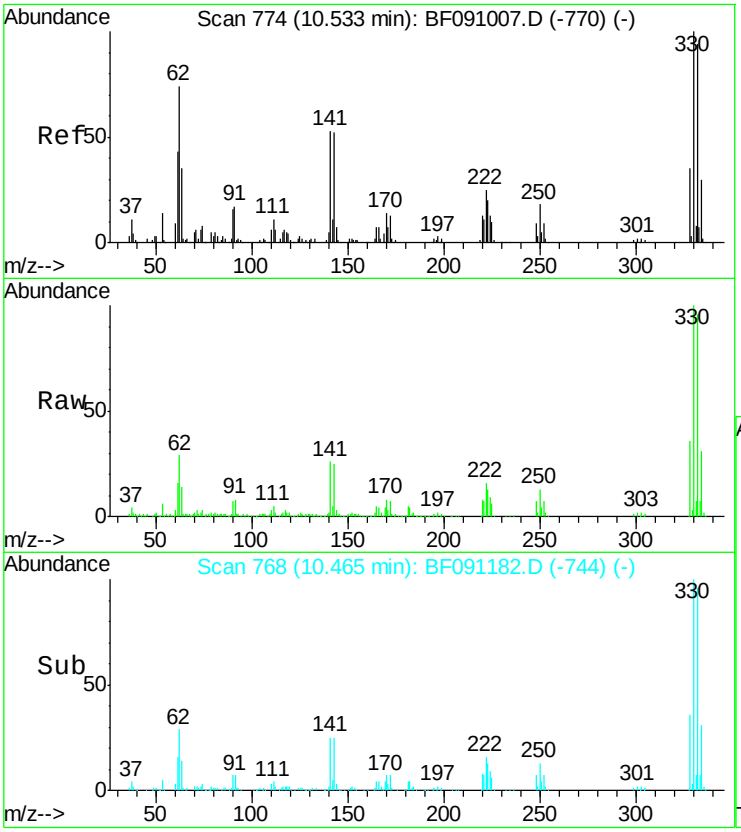


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



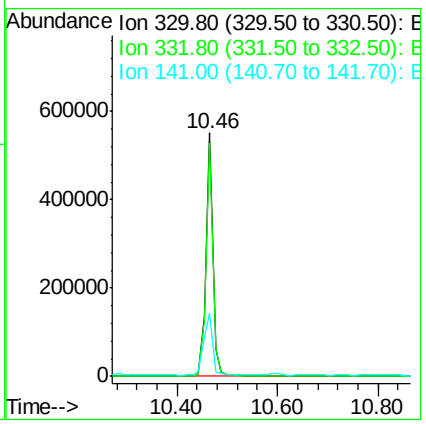


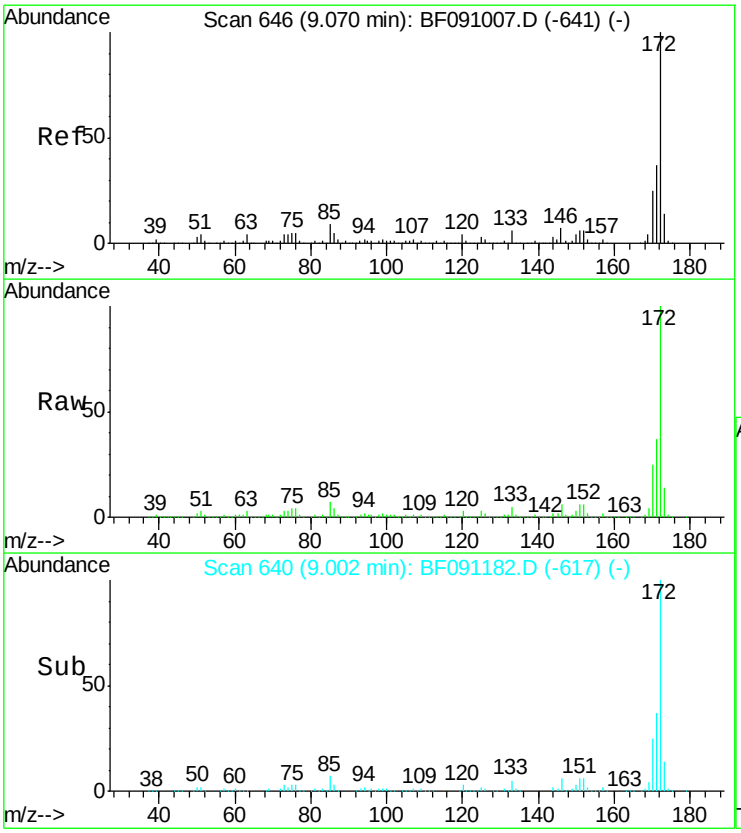
#41
2,4,6-Tribromophenol
Concen: 159.33 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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#

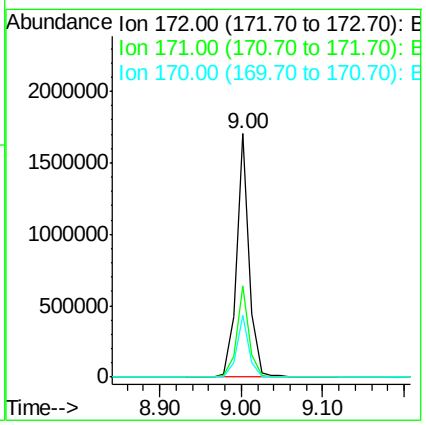


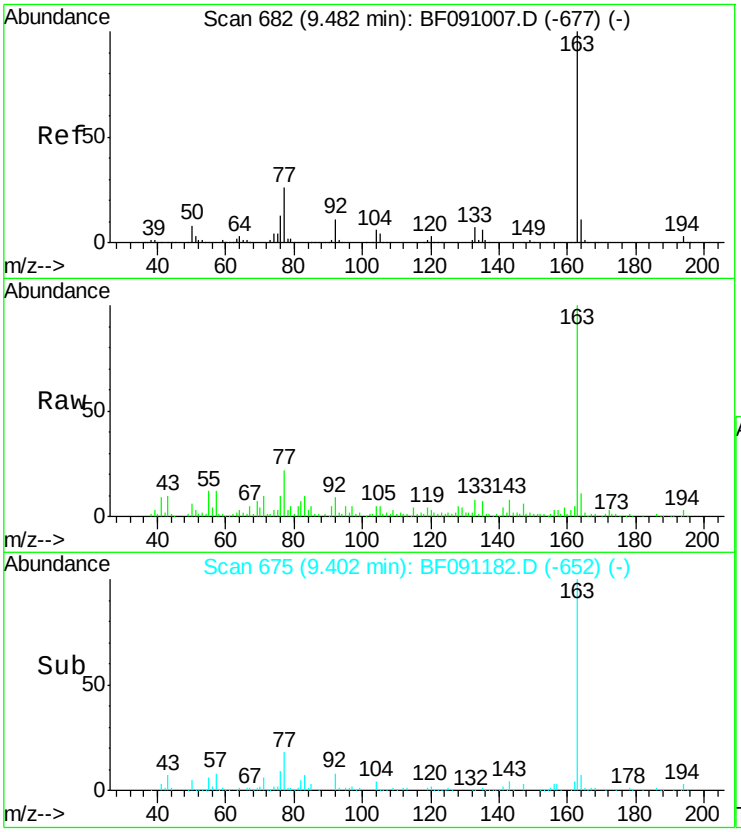


#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



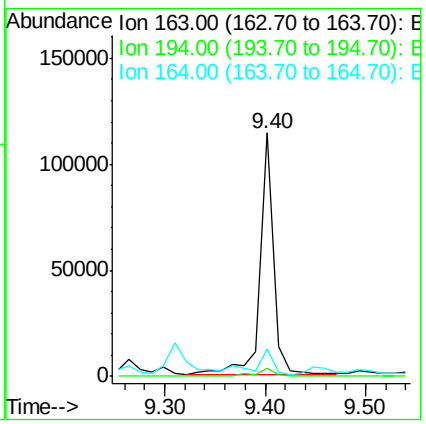


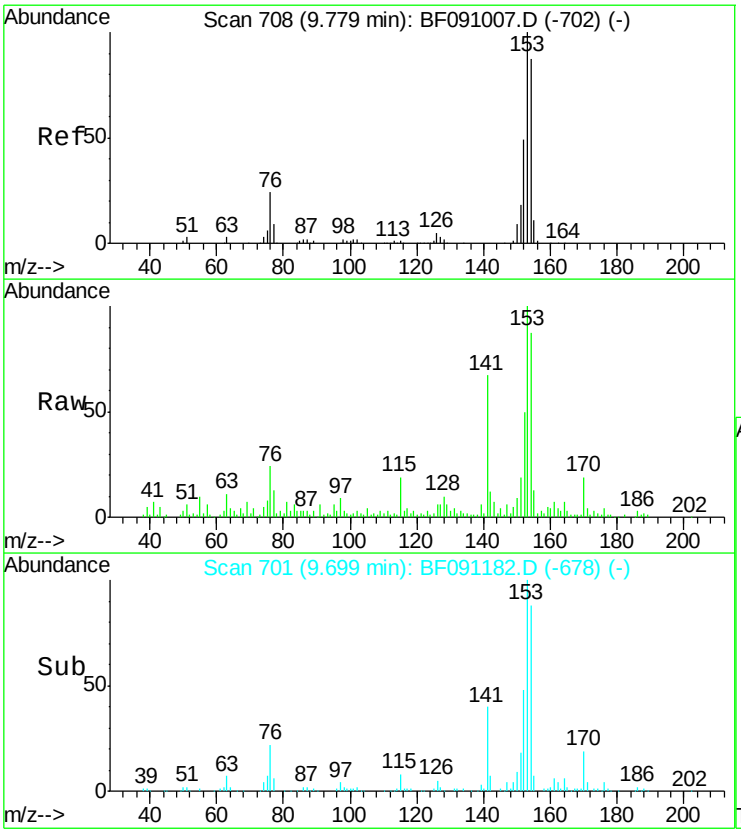
#49
Dimethylphthalate
Concen: 4.31 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

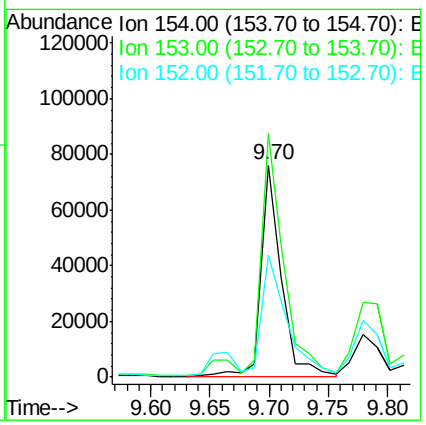


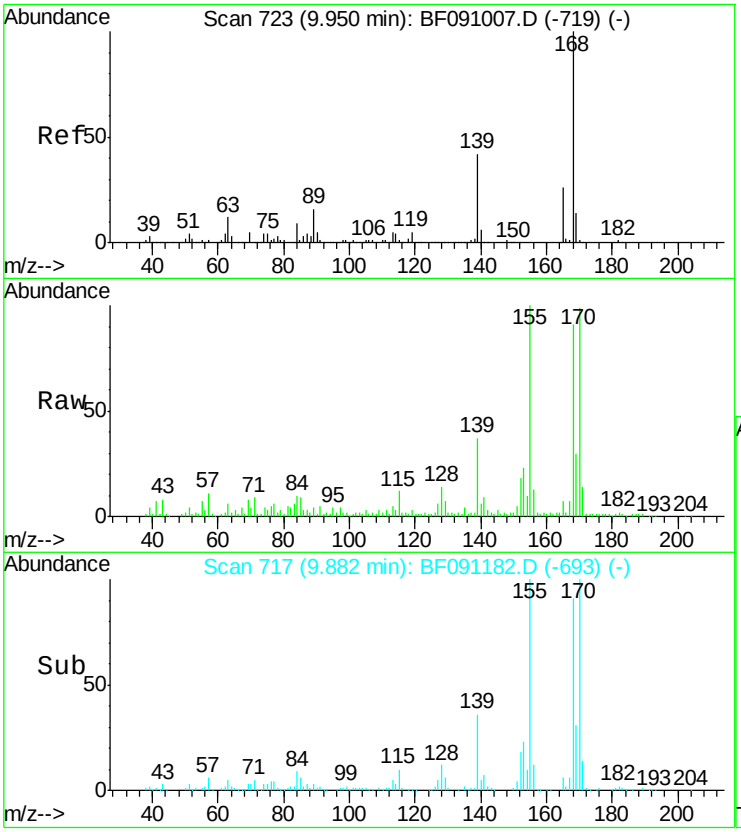


#51
Acenaphthene
Concen: 4.55 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



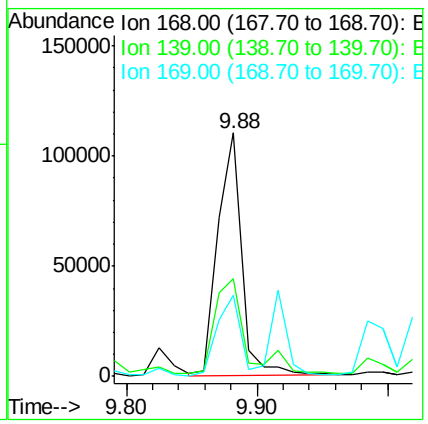


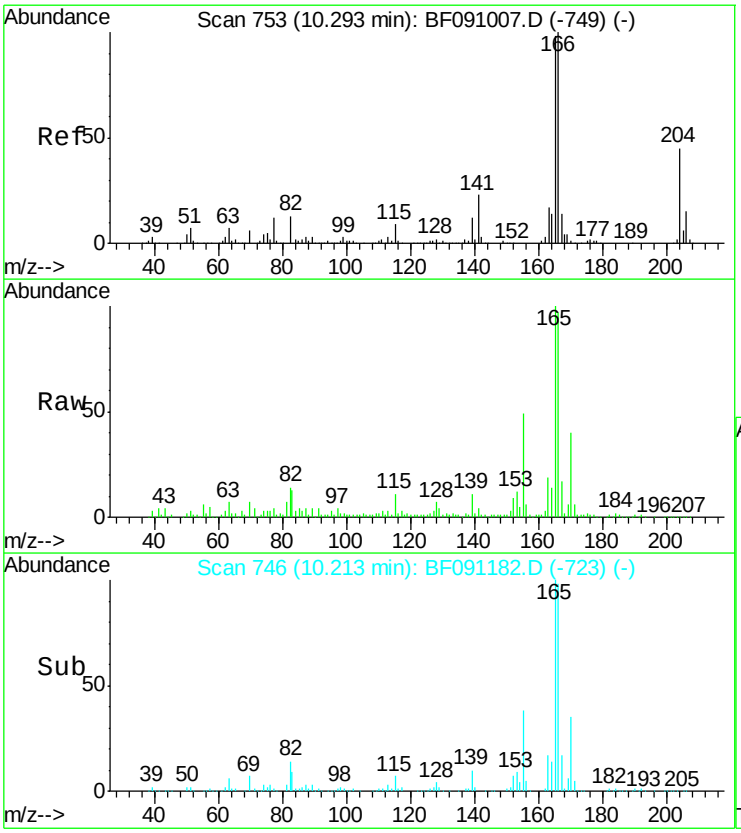
#54
Dibenzofuran
Concen: 5.17 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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#

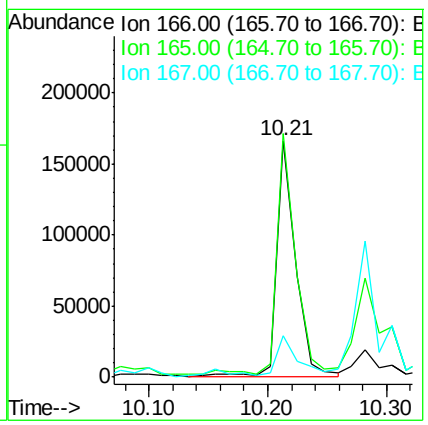


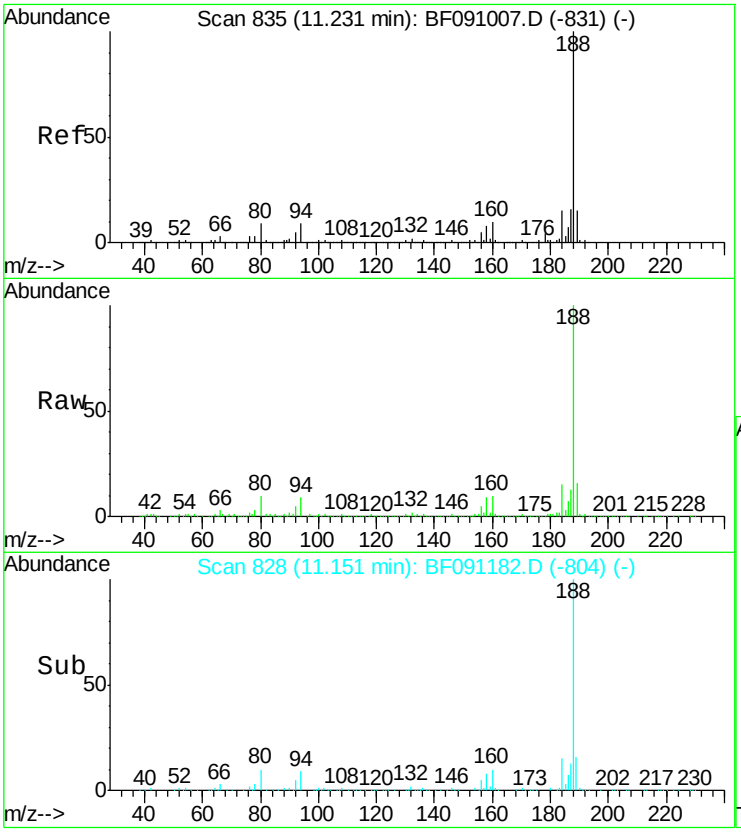


#57
Fluorene
Concen: 8.02 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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#



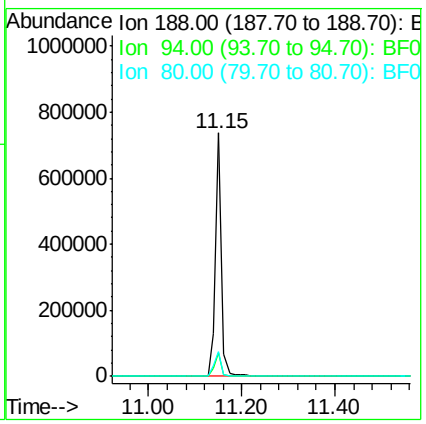


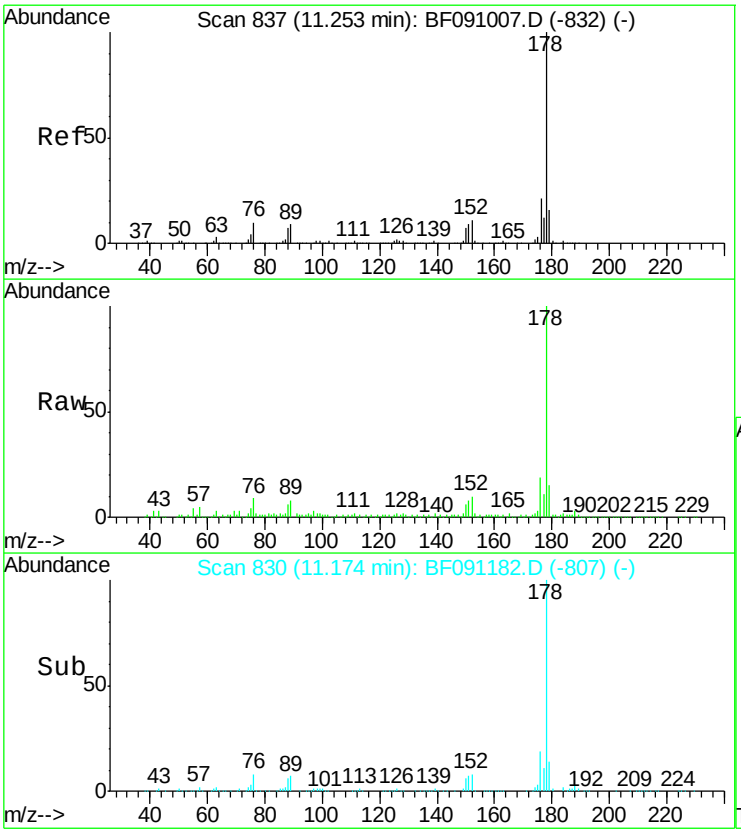
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

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

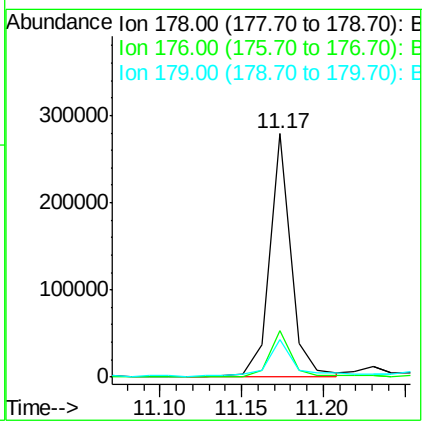


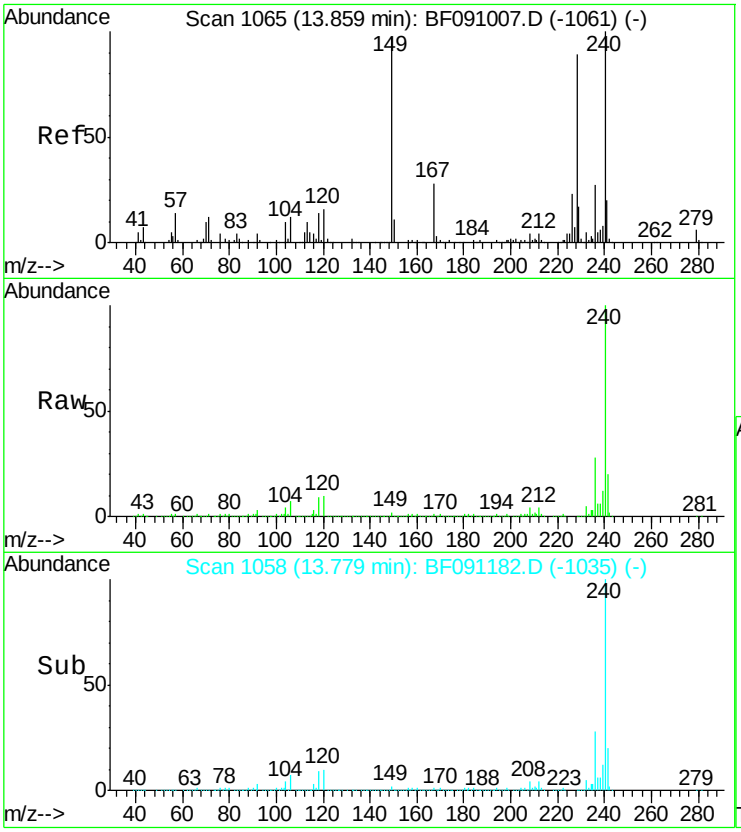


#70
Phenanthrene
Concen: 7.10 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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



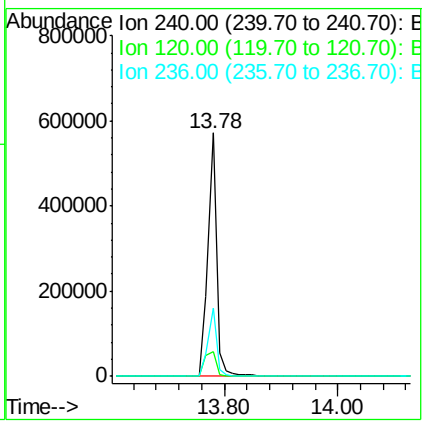


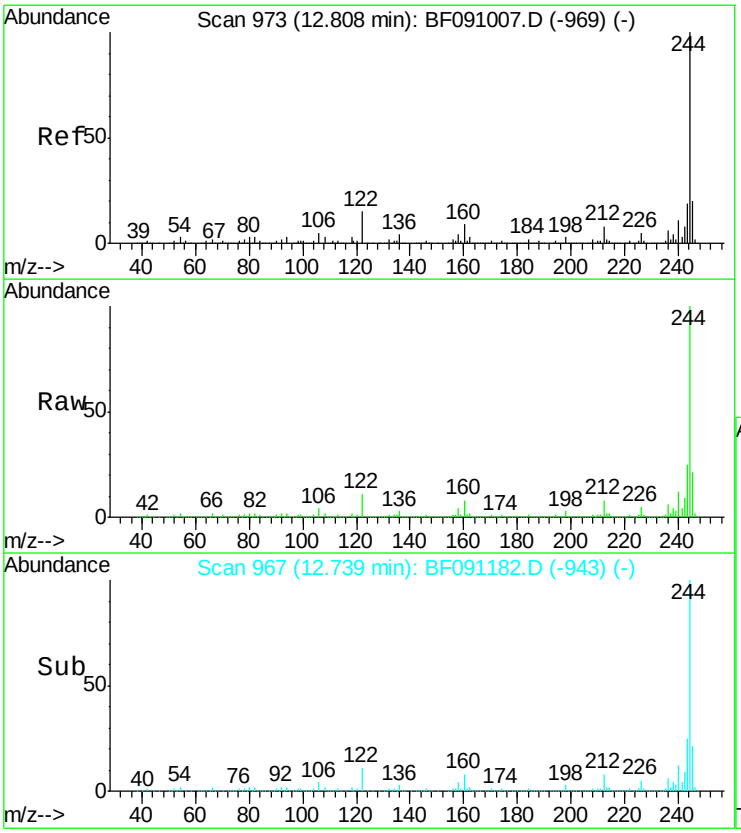
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

Instrument :
BNA_F
ClientSampleId :
CPS02304

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

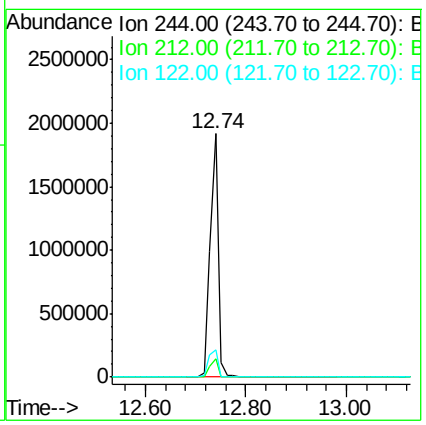


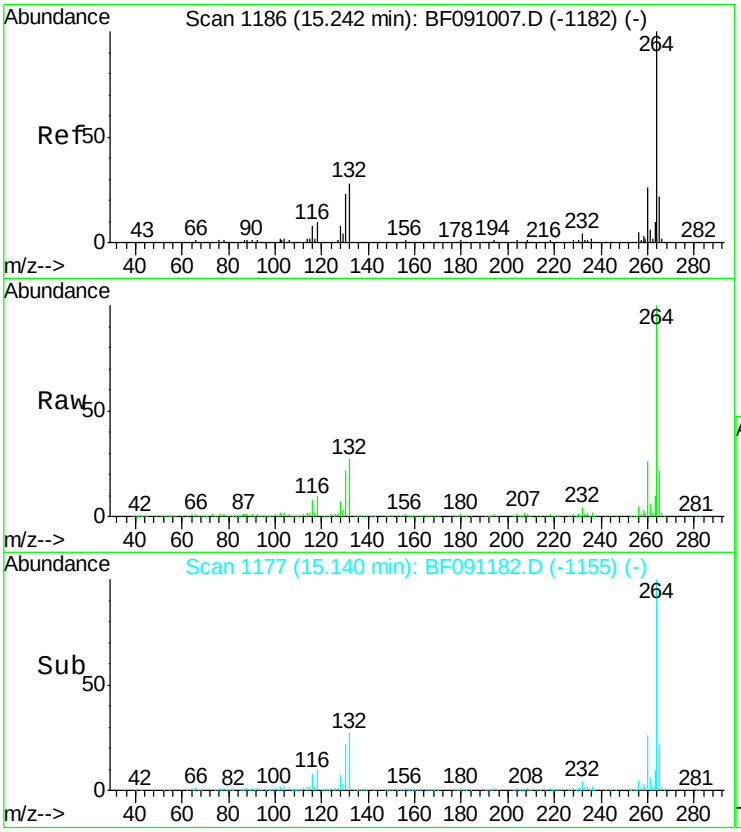


#78
Terphenyl-d14
Concen: 90.36 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091182.D
Acq: 15 Nov 2016 16:49

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

Instrument :
BNA_F
ClientSampleId :
CPS02304

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