Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091264.D
Acq On : 22 Nov 2016 1:26
Operator : UM/SJ
Sample : H5711-02DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-NEWYORKDL

Quant Time: Nov 22 02:38:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:44:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	198153	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	630204	20.00	ng		0.01
38) Acenaphthene-d10	9.62	164	336233	20.00	ng		0.01
63) Phenanthrene-d10	11.10	188	567461	20.00	ng		0.02
75) Chrysene-d12	13.71	240	643990	20.00	ng		0.00
86) Perylene-d12	15.07	264	511536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	746112	62.60	ng		0.00
7) Phenol-d6	6.22	99	826199	57.97	ng		-0.01
23) Nitrobenzene-d5	7.14	82	542458	47.46	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	193128	61.53	ng		0.02
44) 2-Fluorobiphenyl	8.94	172	777862	40.40	ng		0.00
78) Terphenyl-d14	12.67	244	821713	28.92	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.24	94	59826	3.59	ng		90
31) Naphthalene	7.88	128	478328	16.25	ng	#	93
37) 2-Methylnaphthalene	8.59	142	1199951	60.78	ng		97
45) 1,1'-Biphenyl	9.05	154	326895	12.75	ng		97
57) Fluorene	10.17	166	358455	17.86	ng	#	75
70) Phenanthrene	11.13	178	666471	22.35	ng	#	93
77) Pyrene	12.52	202	157834	3.20	ng	#	83

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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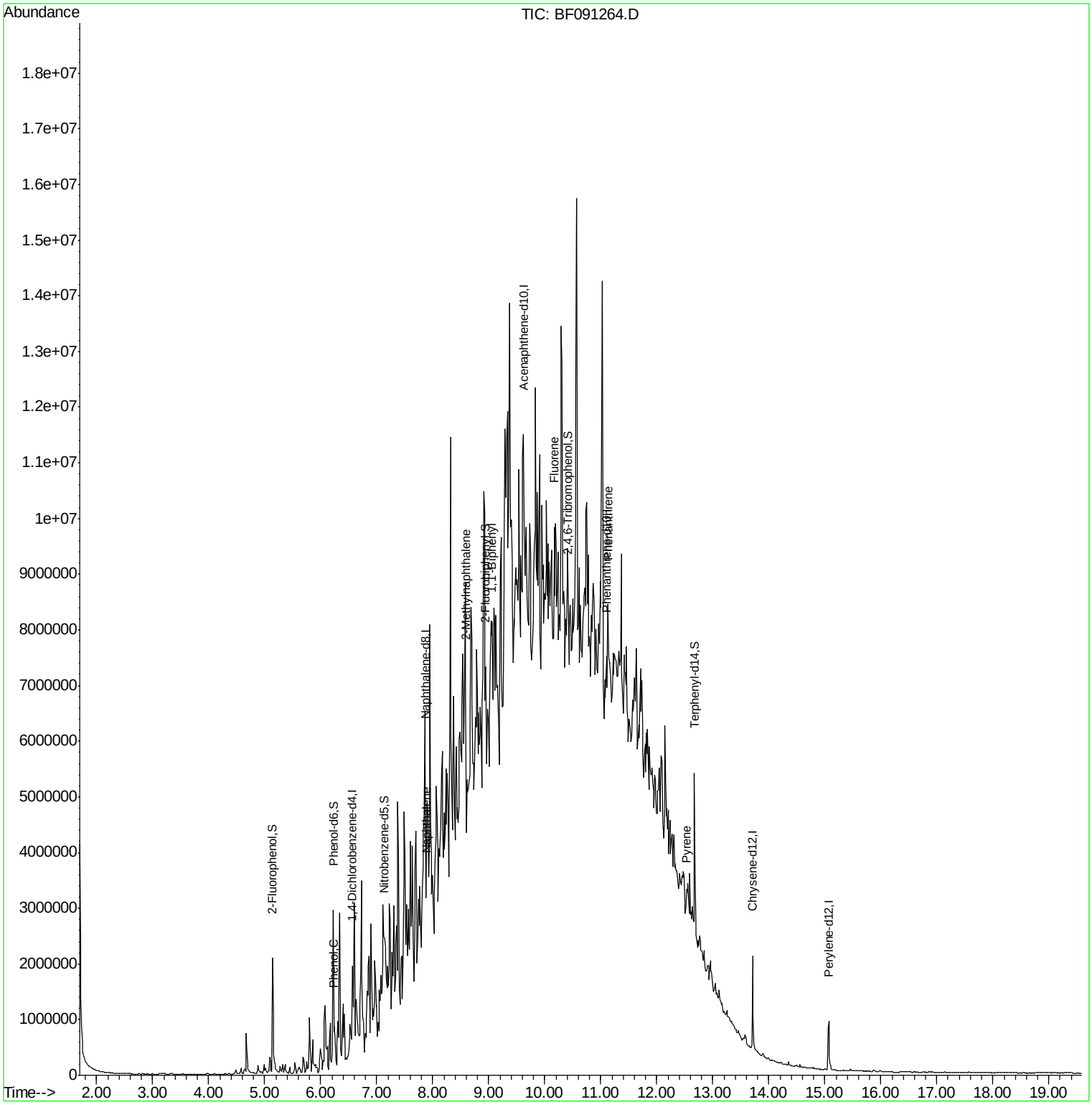
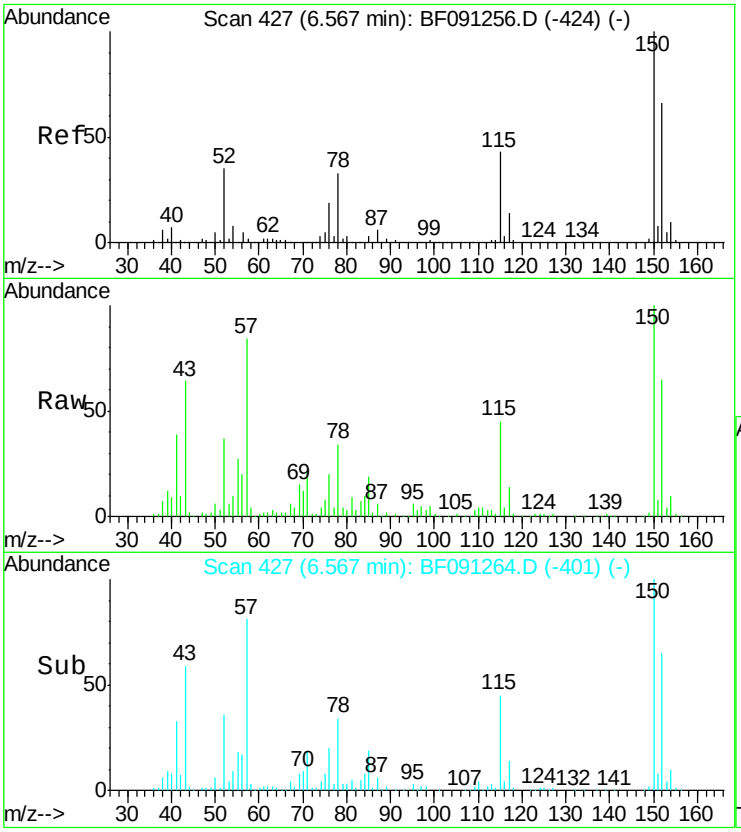


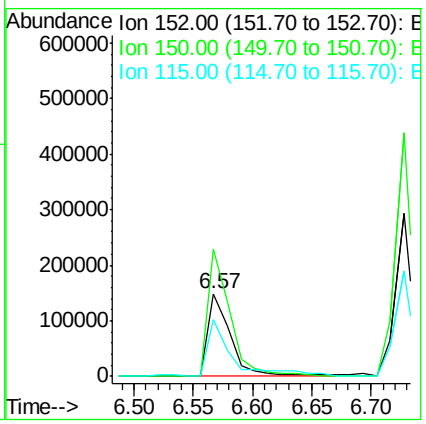


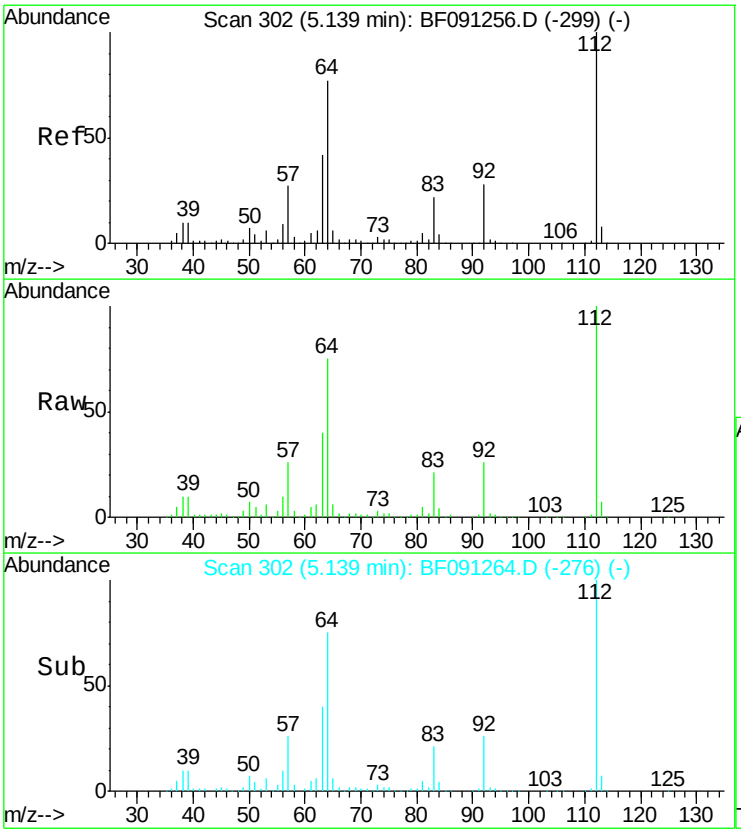
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:152 Resp: 198153

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.5	183.7
115	68.7	51.8	77.8

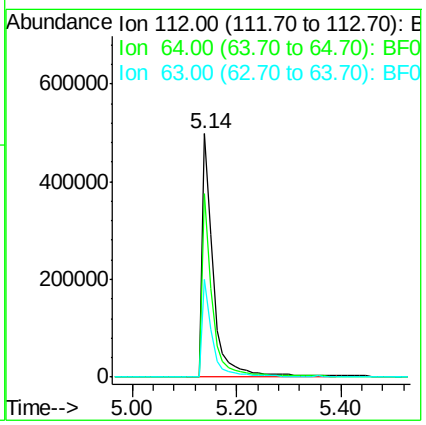


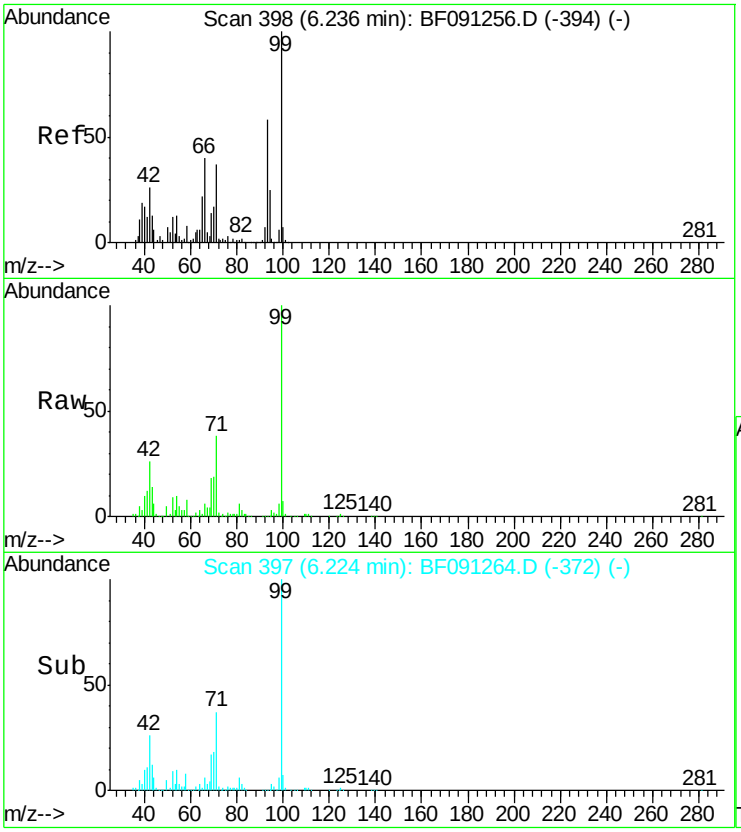


#5
2-Fluorophenol
Concen: 62.60 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:112 Resp: 746112

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.5	92.3
63	40.4	33.3	49.9



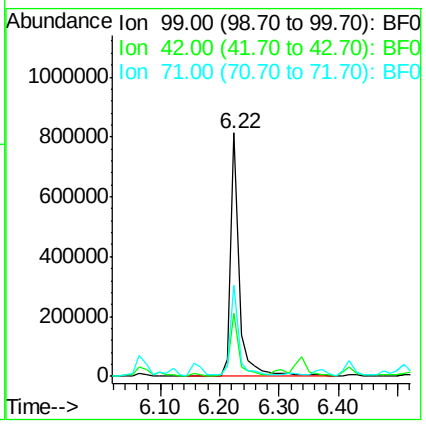


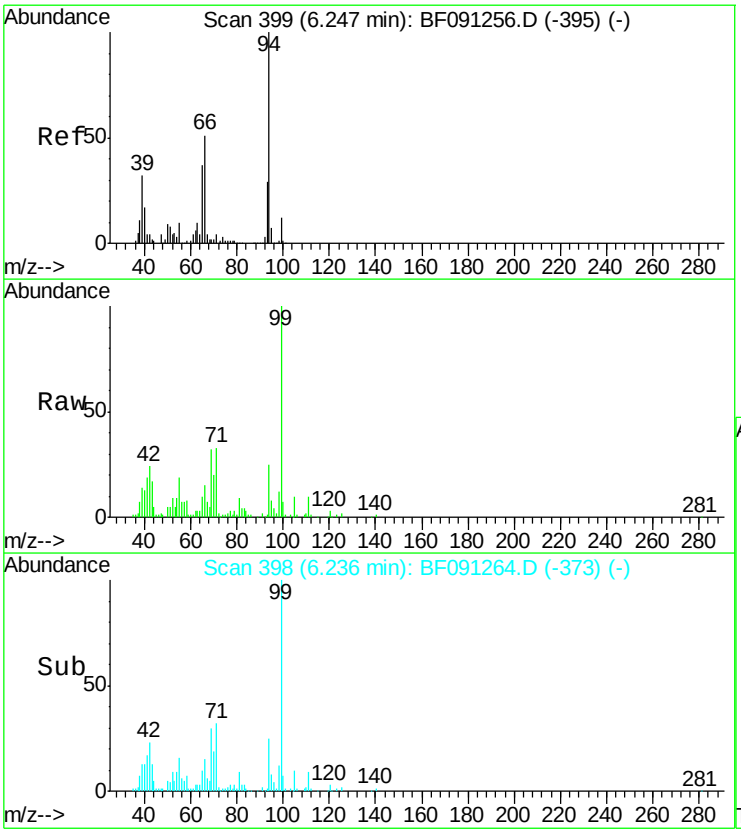
#7
Phenol-d6
Concen: 57.97 ng
RT: 6.22 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion: 99 Resp: 826199

Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.6	31.0
71	37.7	29.9	44.9

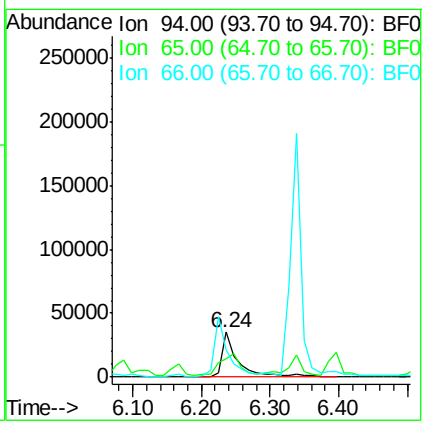


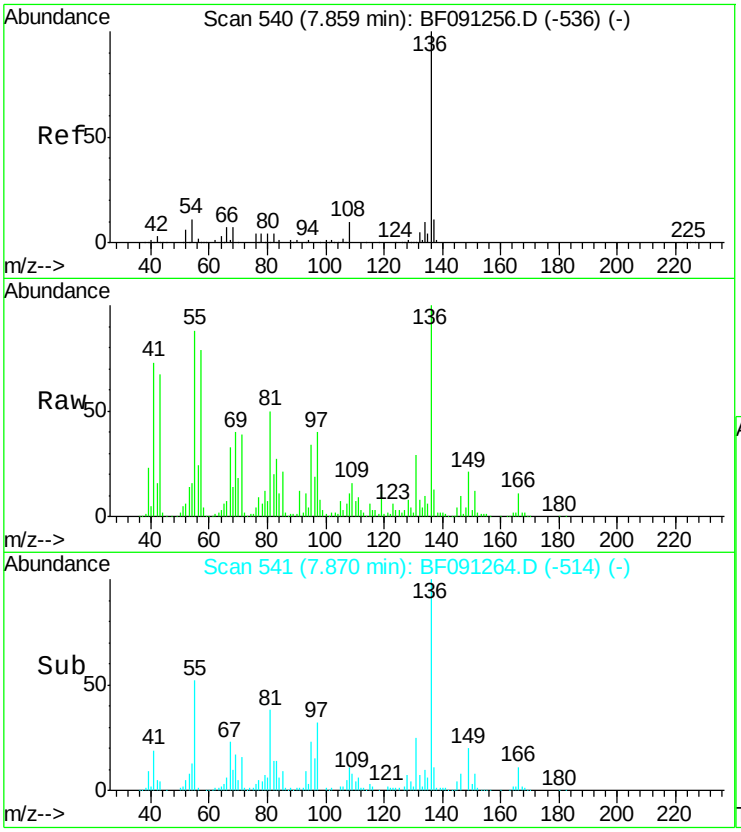


#10
Phenol
Concen: 3.59 ng
RT: 6.24 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion: 94 Resp: 59826

Ion	Ratio	Lower	Upper
94	100		
65	39.6	16.9	56.9
66	60.7	30.6	70.6



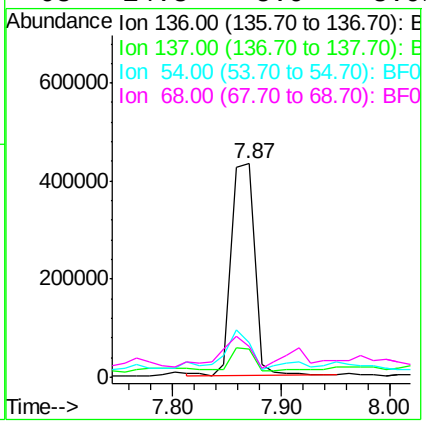


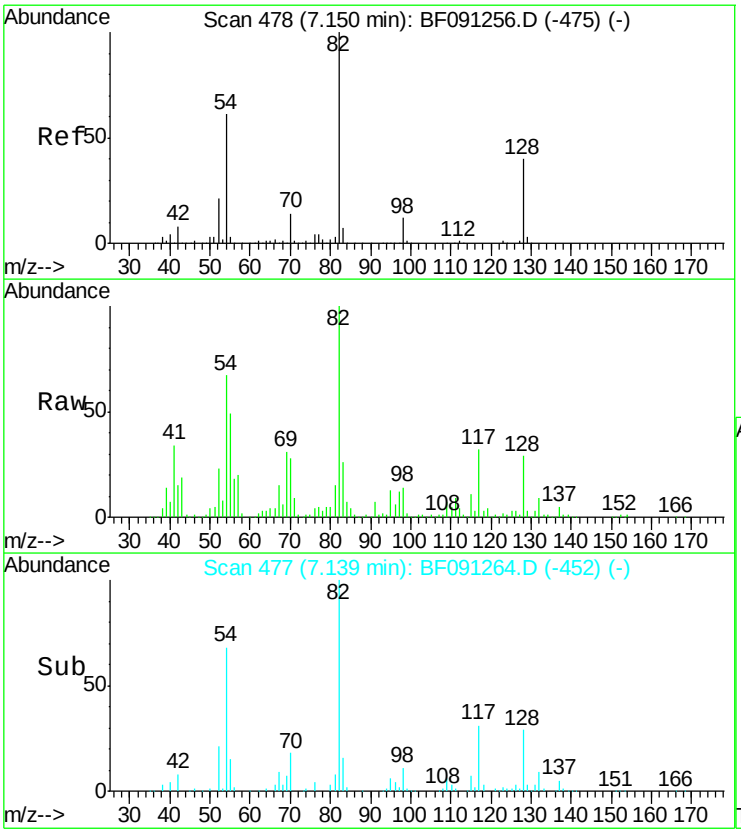
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:136 Resp: 630204

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.1	13.7
54	16.0	9.1	13.7#
68	14.3	5.9	8.9#

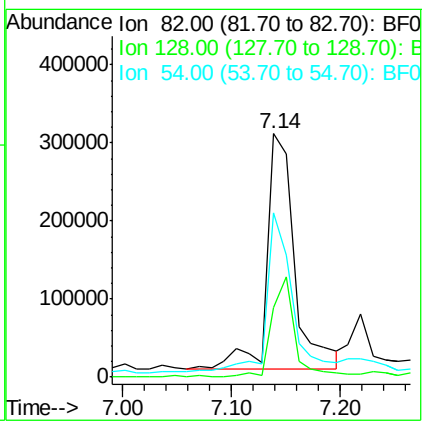


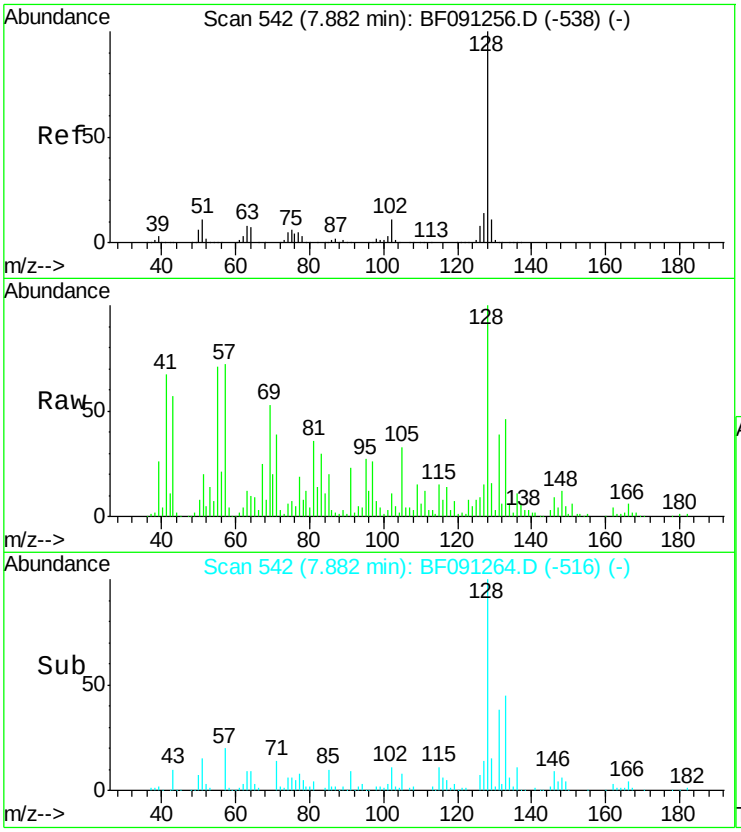


#23
Nitrobenzene-d5
Concen: 47.46 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion: 82 Resp: 542458

Ion	Ratio	Lower	Upper
82	100		
128	28.5	31.8	47.6#
54	67.4	49.1	73.7



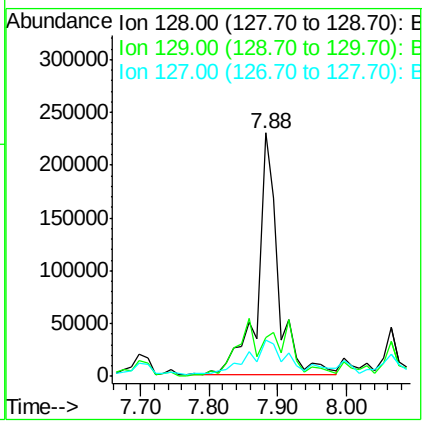


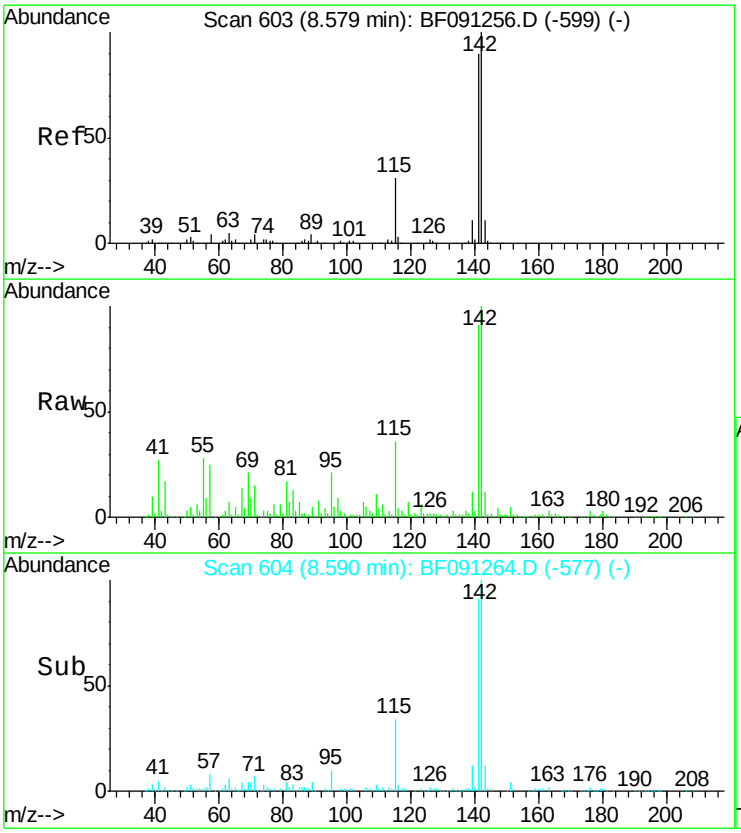
#31
Naphthalene
Concen: 16.25 ng
RT: 7.88 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:128 Resp: 478328

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.1	13.7#
127	15.0	11.0	16.4

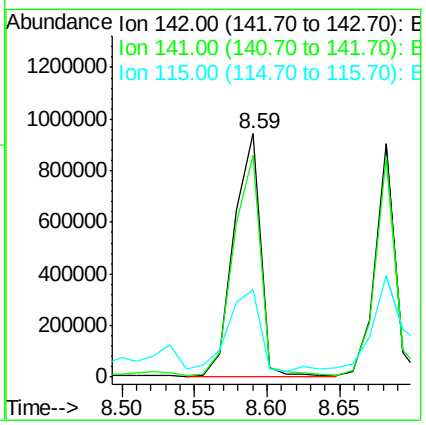


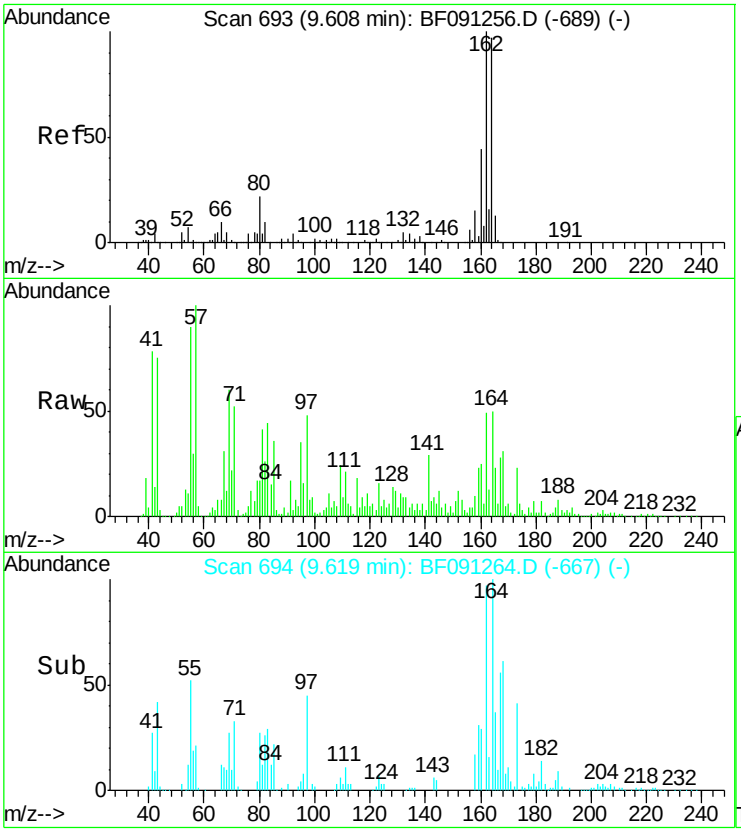


#37
2-Methylnaphthalene
Concen: 60.78 ng
RT: 8.59 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:142 Resp: 1199951

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.7	107.5
115	35.8	25.0	37.6



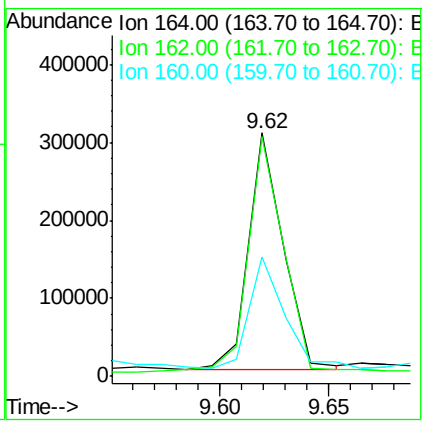


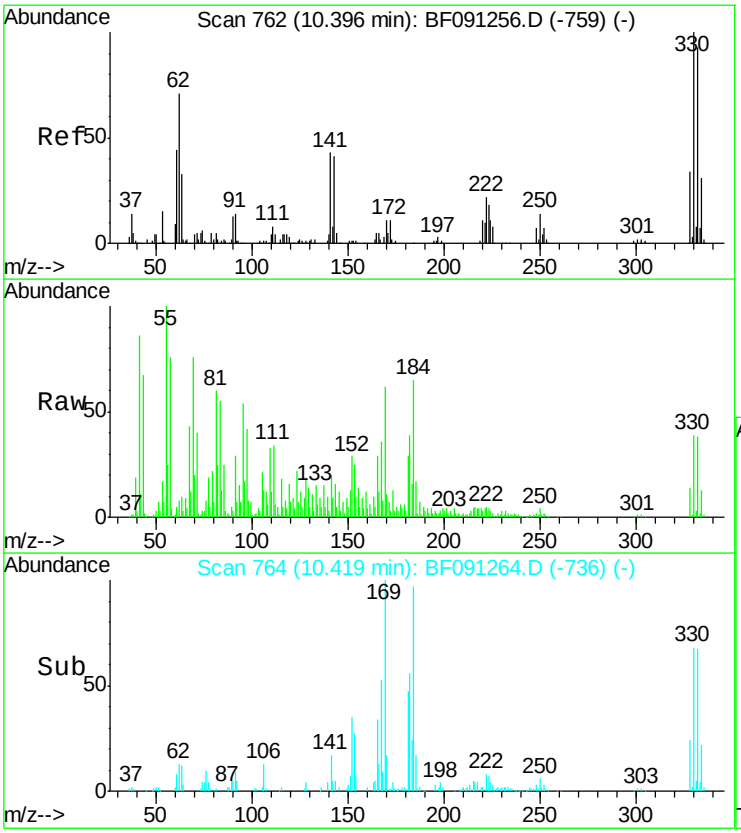
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:164 Resp: 336233

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.6	124.0
160	49.1	36.7	55.1

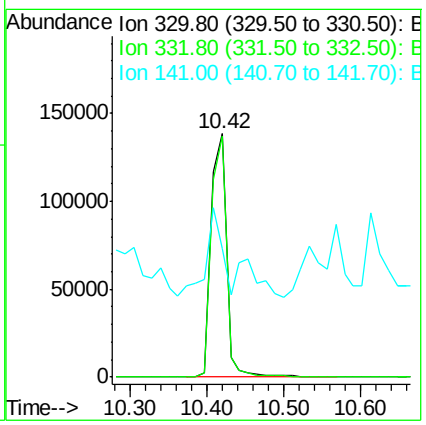


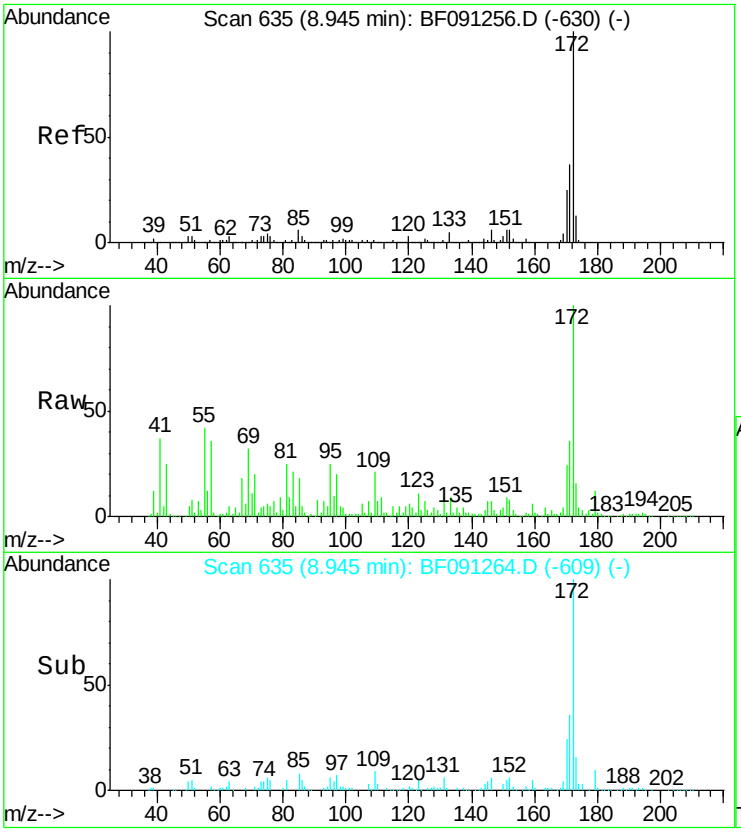


#41
2,4,6-Tribromophenol
Concen: 61.53 ng
RT: 10.42 min Scan# 764
Delta R.T. 0.02 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:330 Resp: 193128

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.4
141	34.8	33.6	50.4



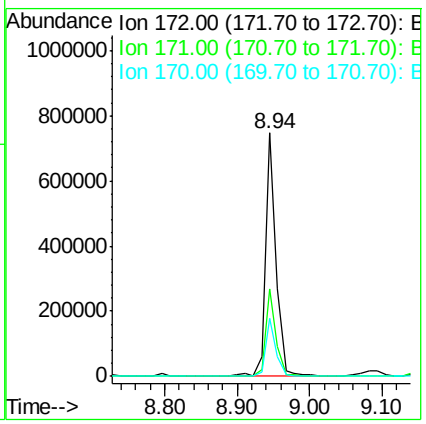


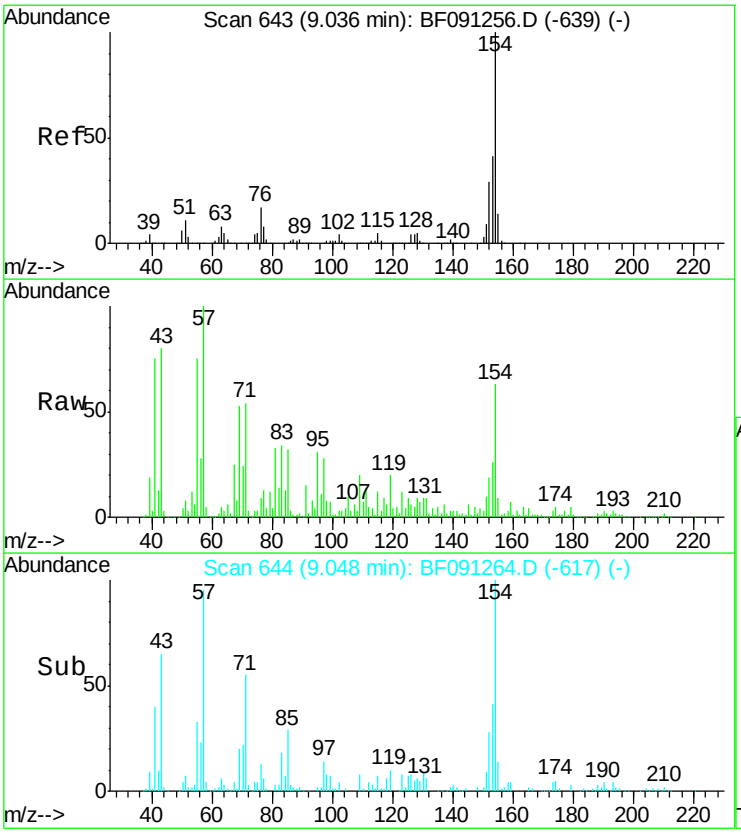
#44
2-Fluorobiphenyl
Concen: 40.40 ng
RT: 8.94 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:172 Resp: 777862

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	19.7	29.5

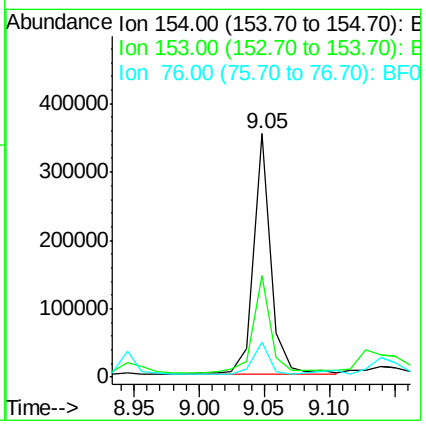


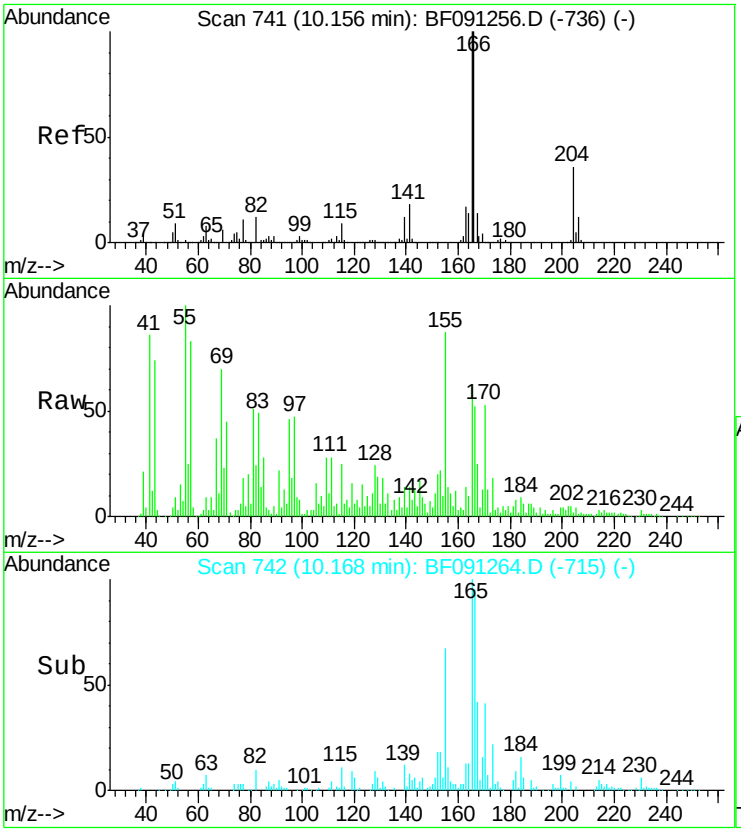


#45
1,1'-Biphenyl
Concen: 12.75 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:154 Resp: 326895

Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.6	60.6
76	14.1	0.0	36.6



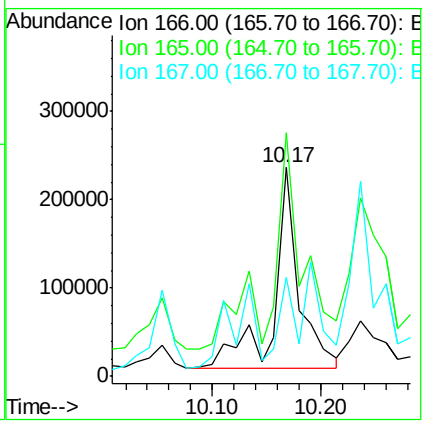


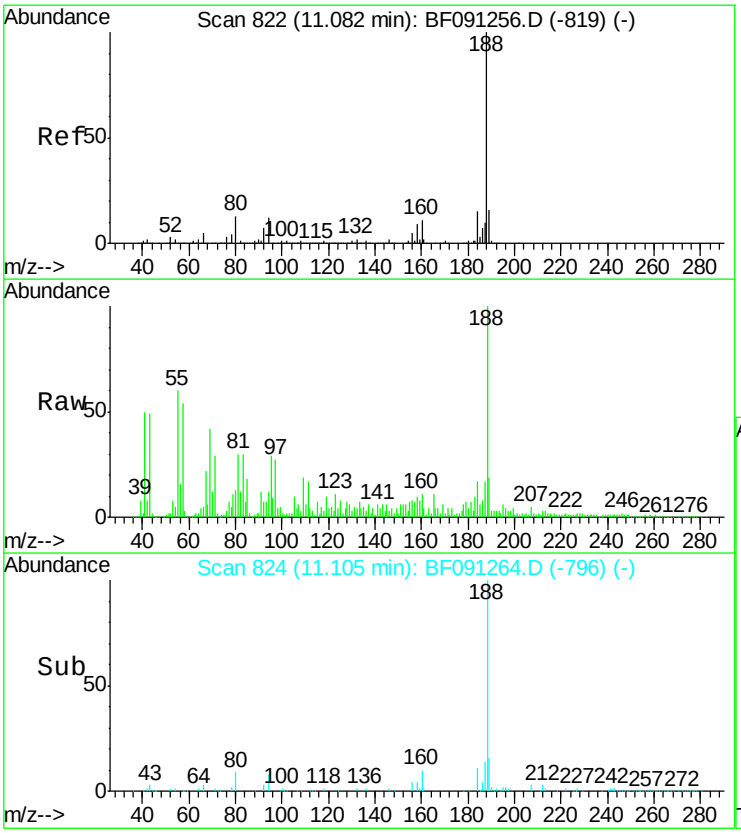
#57
Fluorene
Concen: 17.86 ng
RT: 10.17 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:166 Resp: 358455

Ion	Ratio	Lower	Upper
166	100		
165	116.5	80.0	120.0
167	47.6	10.8	16.2#

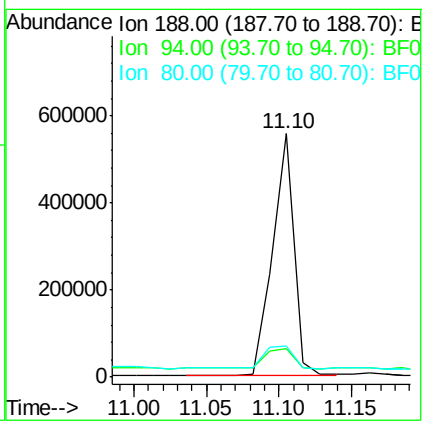


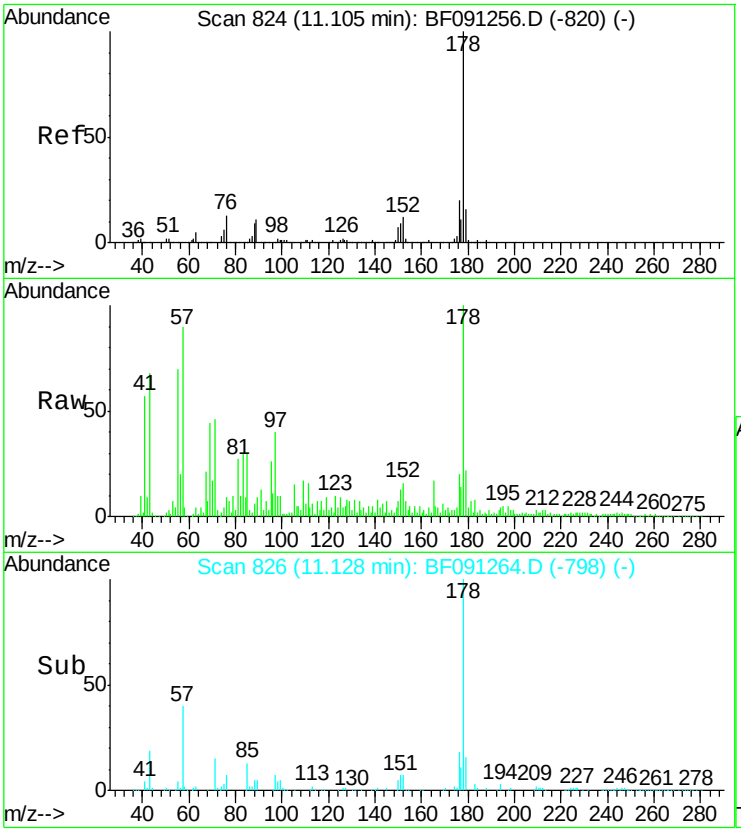


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 824
Delta R.T. 0.02 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:188 Resp: 567461

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.2	13.8
80	12.8	10.5	15.7



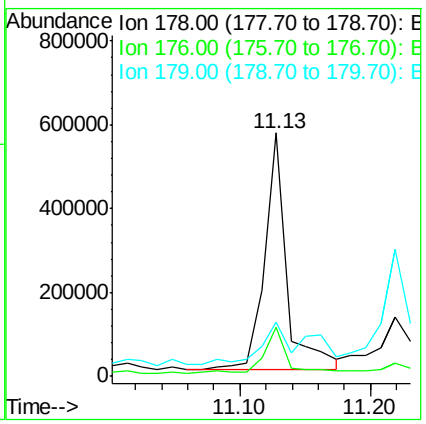


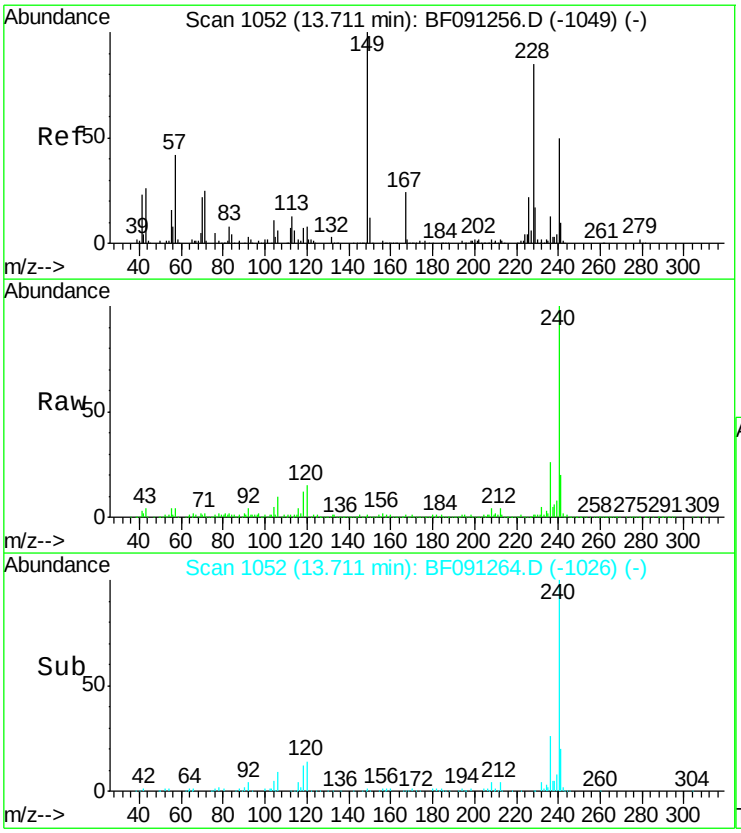
#70
Phenanthrene
Concen: 22.35 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.02 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:178 Resp: 666471

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	22.5	12.6	18.8#

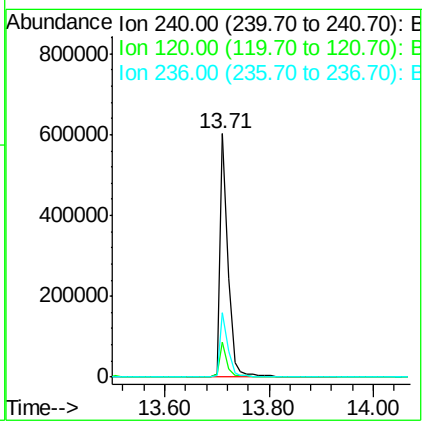


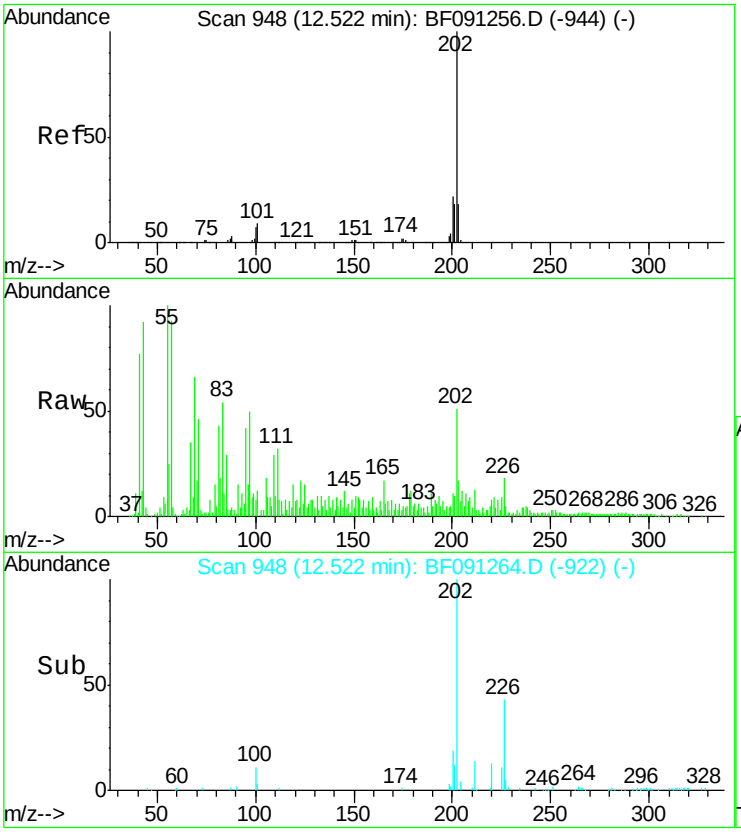


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:240 Resp: 643990

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.1	18.1
236	26.4	21.0	31.6



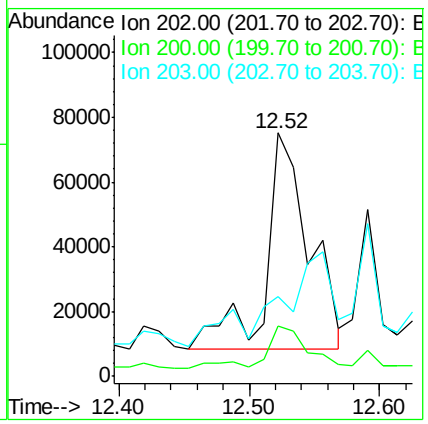


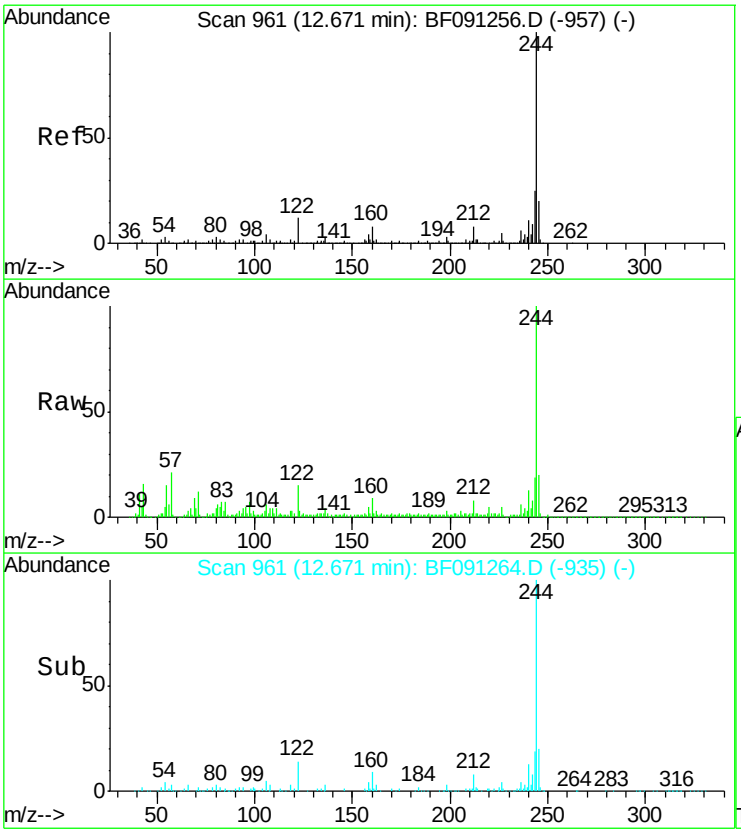
#77
Pyrene
Concen: 3.20 ng
RT: 12.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:202 Resp: 157834

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	32.9	14.0	21.0#

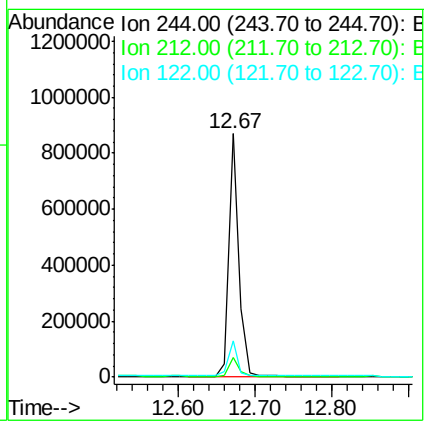


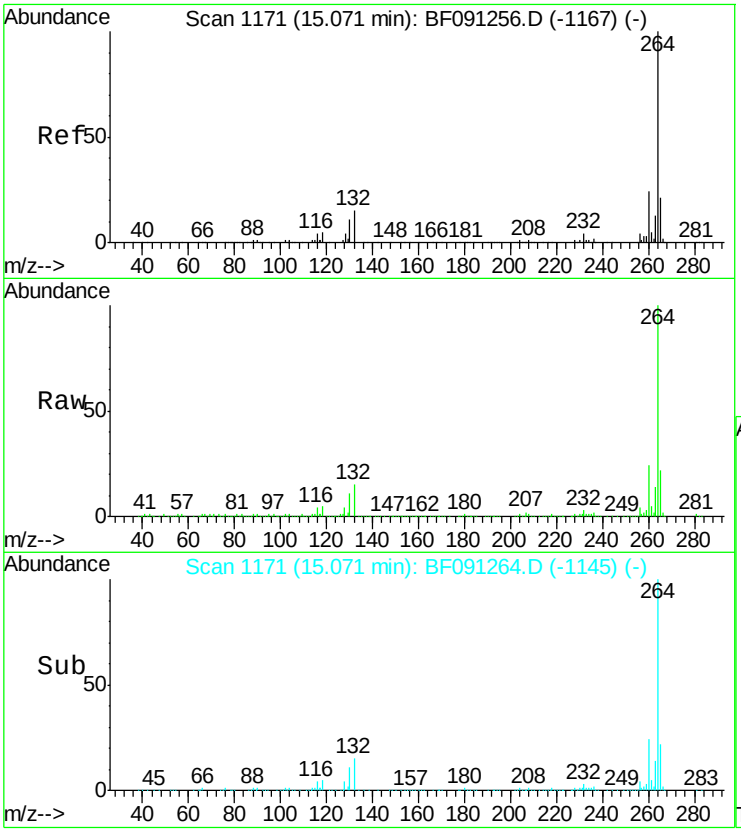


#78
Terphenyl-d14
Concen: 28.92 ng
RT: 12.67 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Tgt Ion:244 Resp: 821713

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	14.8	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF091264.D
Acq: 22 Nov 2016 1:26

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORKDL

Tgt Ion:264 Resp: 511536

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.6