Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091906.D
Acq On : 23 Dec 2016 5:33
Operator : UM/SJ
Sample : H6182-08RE
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52(13-15)-121916RE

Quant Time: Dec 23 07:07:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149451	20.00	ng		0.01
21) Naphthalene-d8	8.06	136	482790	20.00	ng		0.02
38) Acenaphthene-d10	9.81	164	213791	20.00	ng		0.02
63) Phenanthrene-d10	11.28	188	426109	20.00	ng		0.01
75) Chrysene-d12	13.91	240	317602	20.00	ng		0.00
86) Perylene-d12	15.30	264	246940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1575622	176.04	ng		0.06
7) Phenol-d6	6.45	99	1914905	175.23	ng		0.05
23) Nitrobenzene-d5	7.33	82	1199532	138.16	ng		0.01
41) 2,4,6-Tribromophenol	10.59	330	274368	155.07	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1360276	138.48	ng		0.03
78) Terphenyl-d14	12.85	244	1131529	86.41	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	92550	7.43	ng	#	81
37) 2-Methylnaphthalene	8.80	142	2264661	Below Cal			97
49) Dimethylphthalate	9.54	163	149691	10.95	ng	#	55
57) Fluorene	10.35	166	144583	12.17	ng	#	78
70) Phenanthrene	11.30	178	114311	4.95	ng	#	95

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

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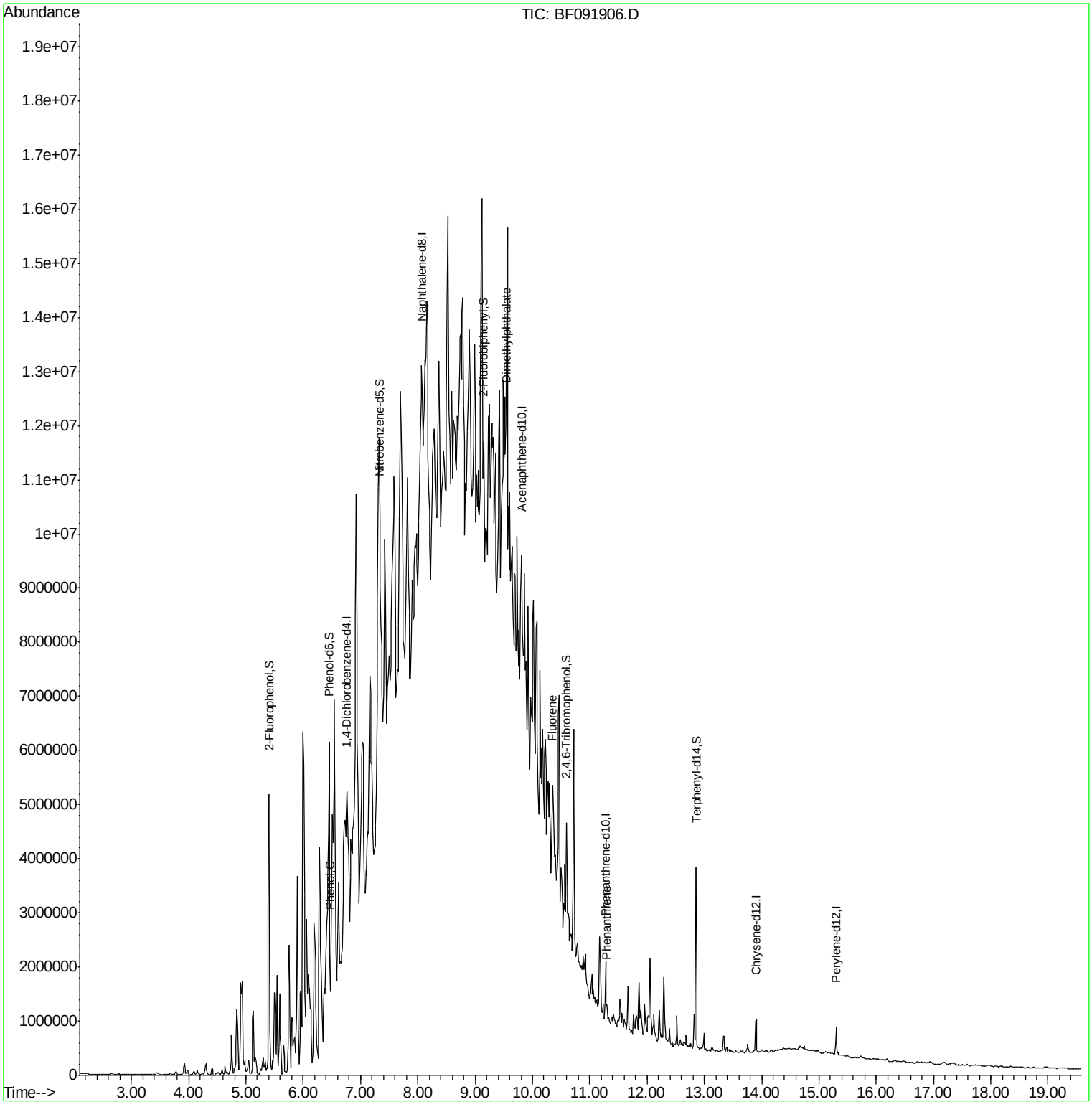
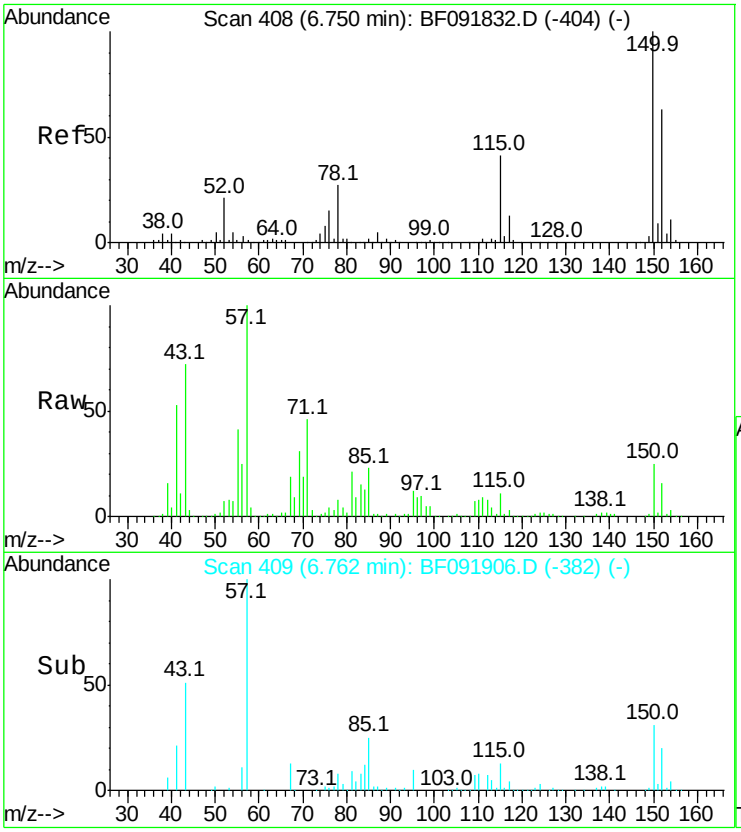


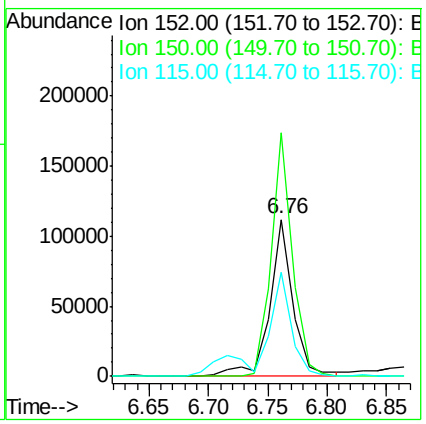


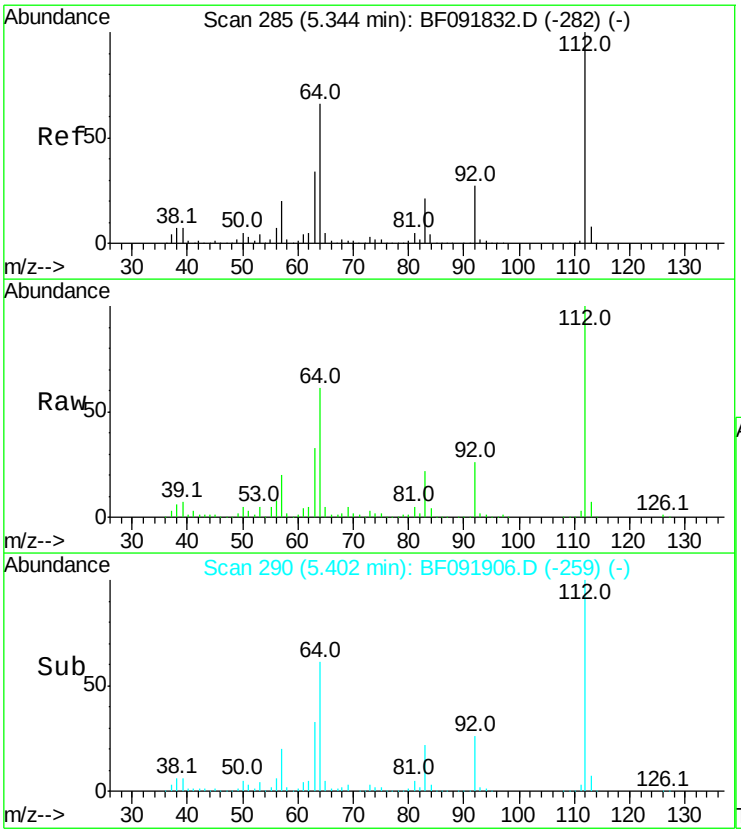
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:152 Resp: 149451

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	66.3	46.0	69.0

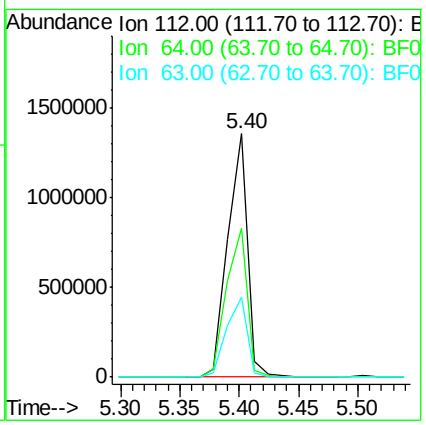


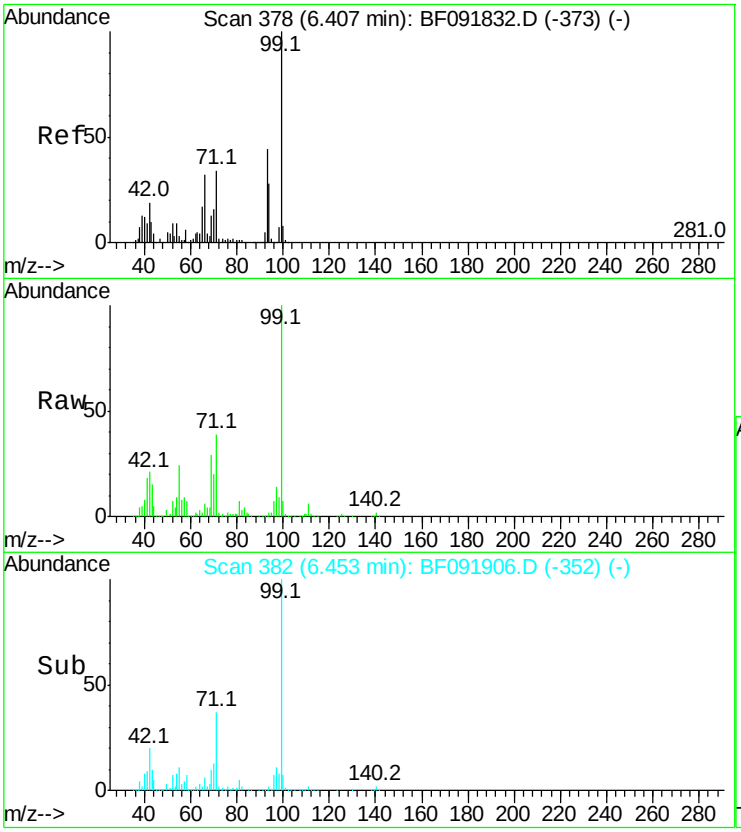


#5
2-Fluorophenol
Concen: 176.04 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:112 Resp: 1575622

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	32.7	23.8	35.6



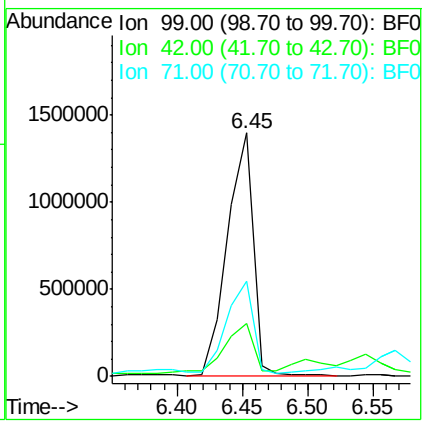


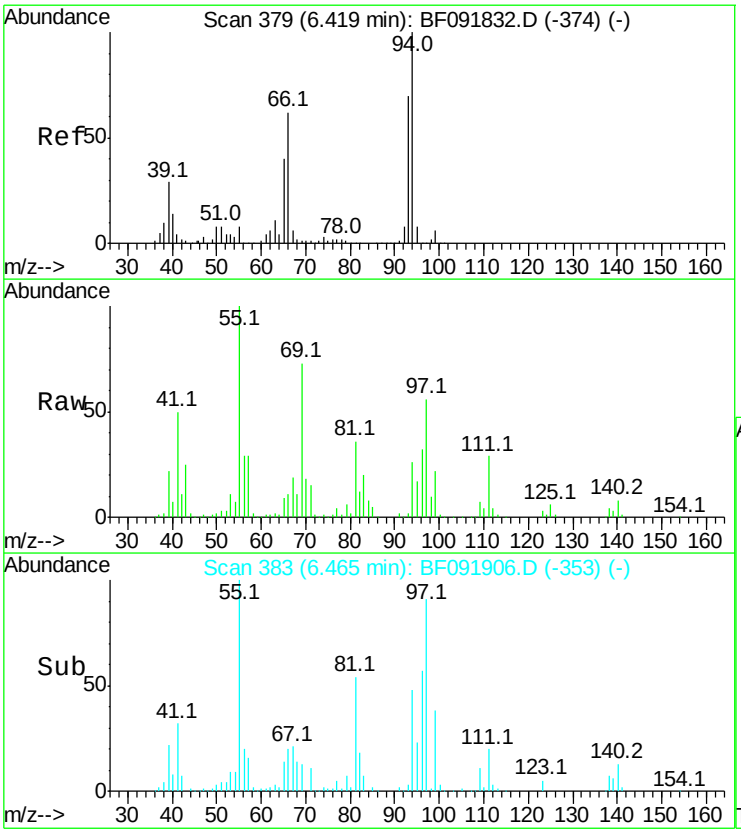
#7
Phenol-d6
Concen: 175.23 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.05 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion: 99 Resp: 1914905

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	39.2	27.5	41.3

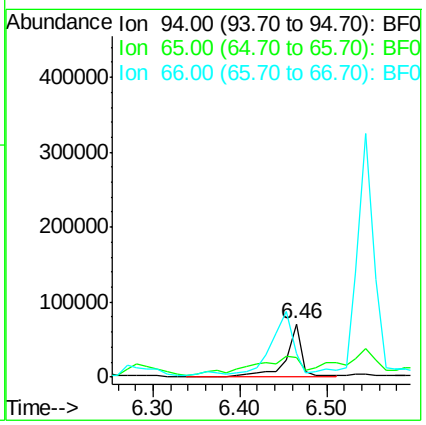


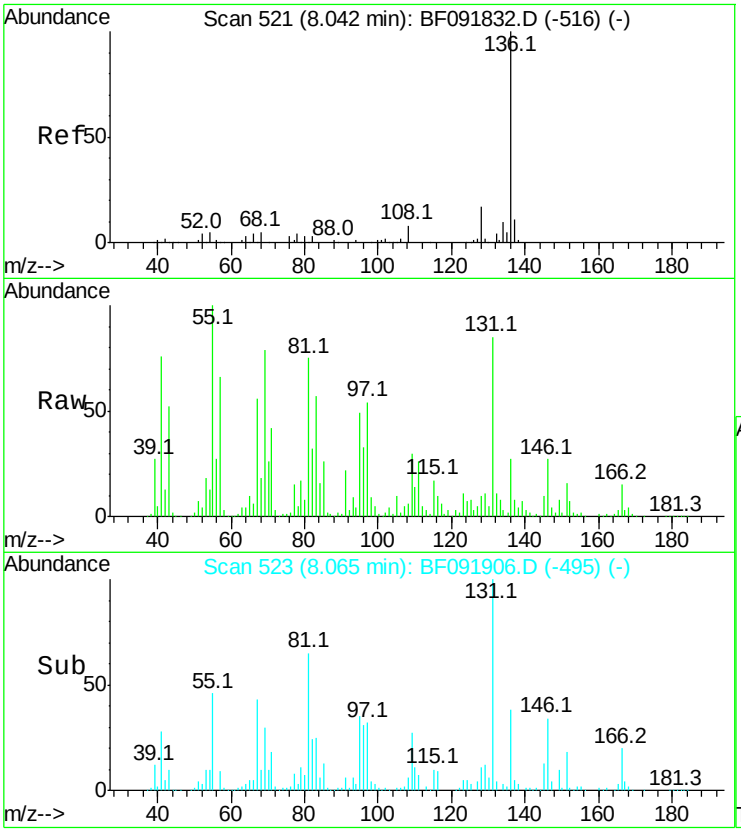


#10
Phenol
Concen: 7.43 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.05 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion: 94 Resp: 92550

Ion	Ratio	Lower	Upper
94	100		
65	36.5	21.4	61.4
66	43.2	44.0	84.0#



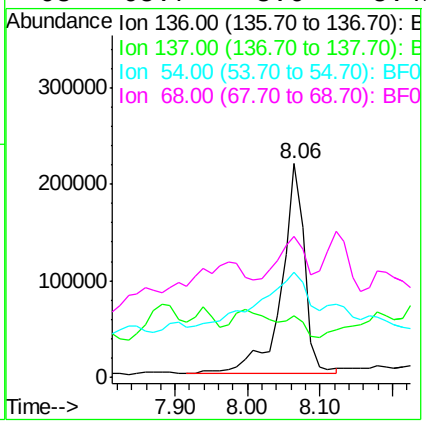


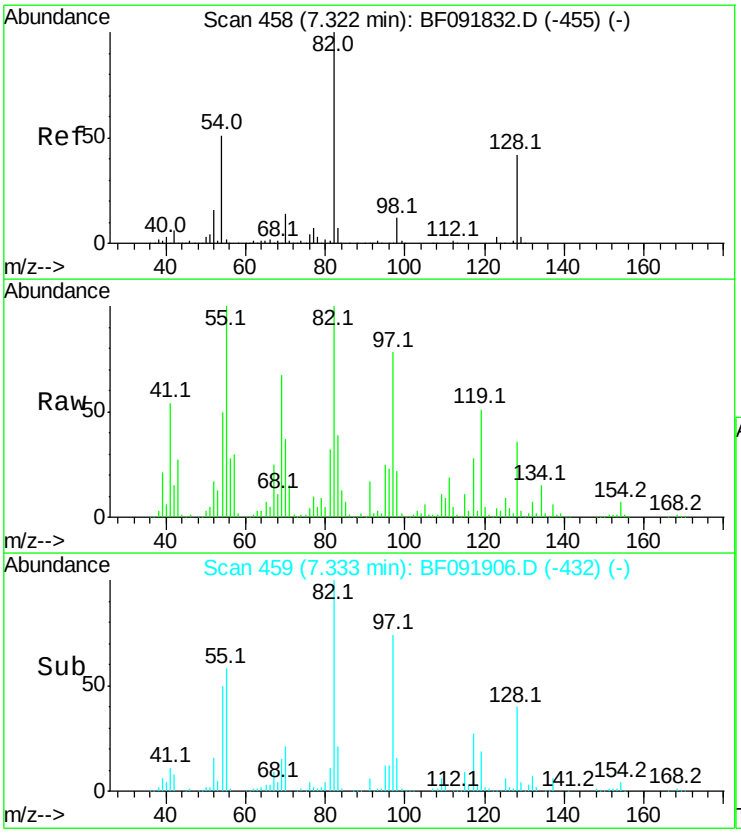
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.02 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:136 Resp: 482790

Ion	Ratio	Lower	Upper
136	100		
137	28.5	8.4	12.6#
54	49.3	4.5	6.7#
68	65.7	3.6	5.4#

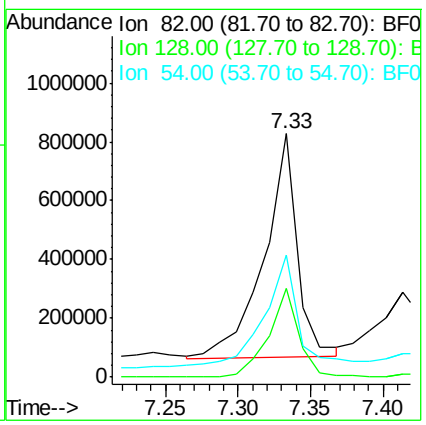


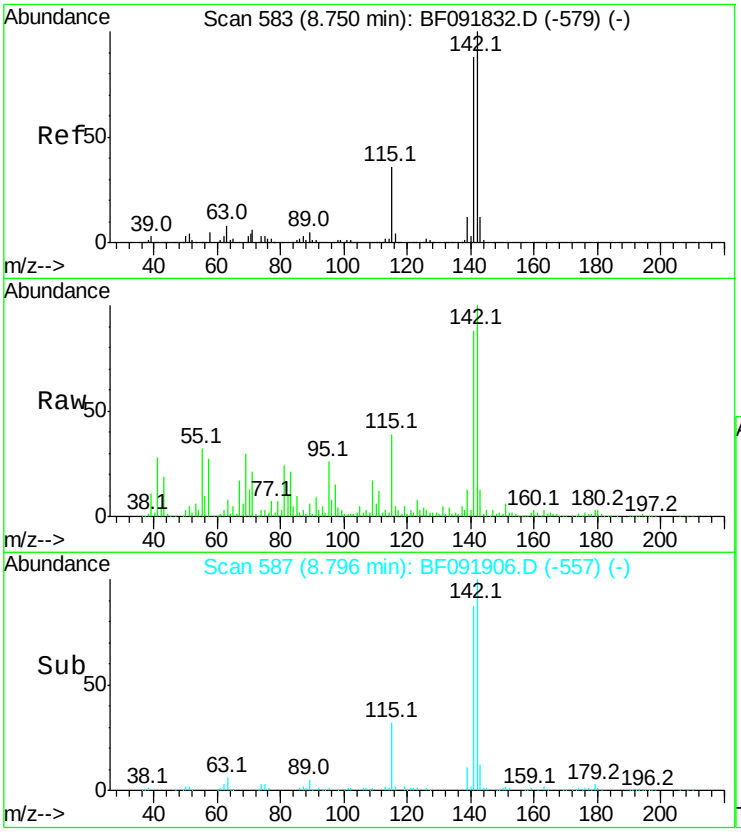


#23
Nitrobenzene-d5
Concen: 138.16 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion: 82 Resp: 1199532

Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.6	52.0
54	50.3	39.5	59.3



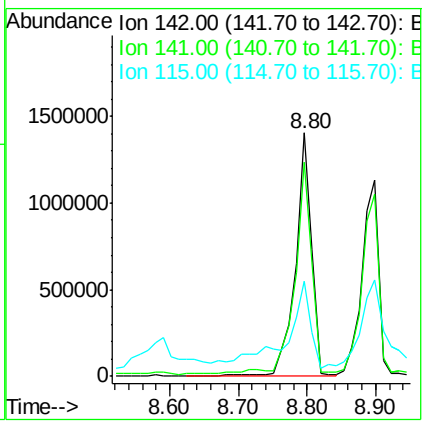


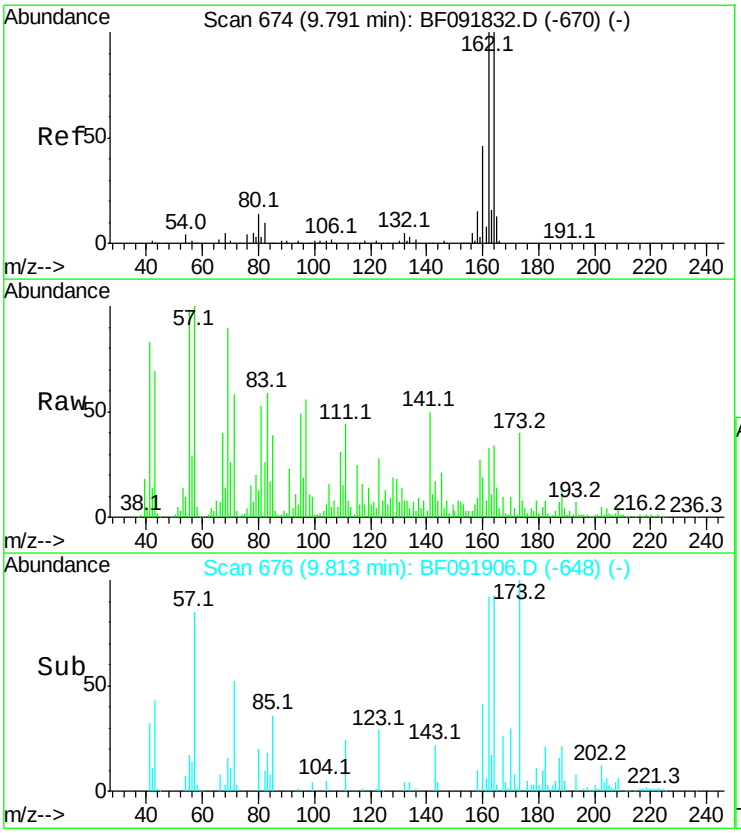
#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.80 min Scan# 587
Delta R.T. 0.05 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:142 Resp: 2264661

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	38.9	28.3	42.5

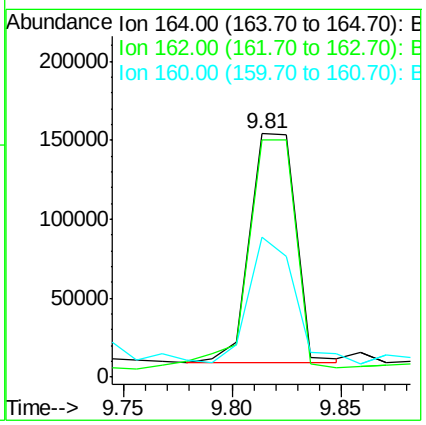


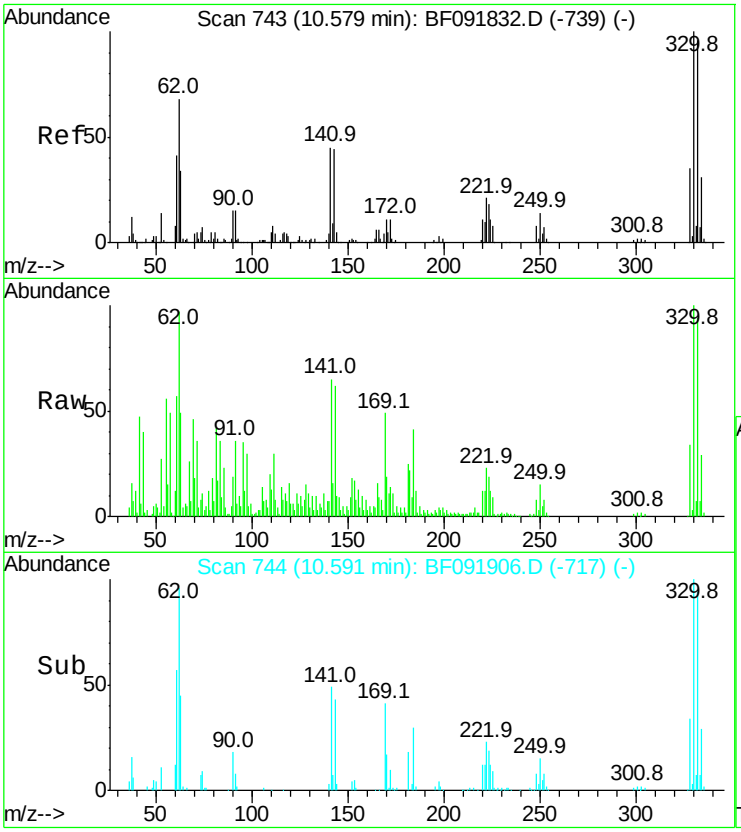


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:164 Resp: 213791

Ion	Ratio	Lower	Upper
164	100		
162	97.3	80.2	120.2
160	57.5	36.9	55.3#



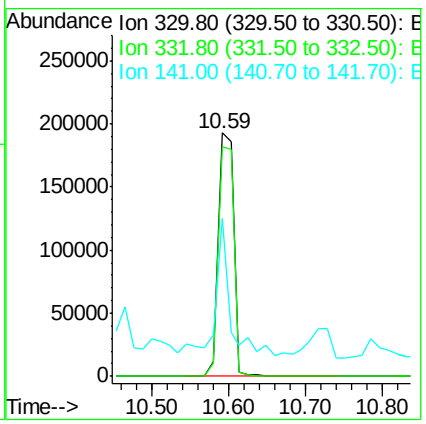


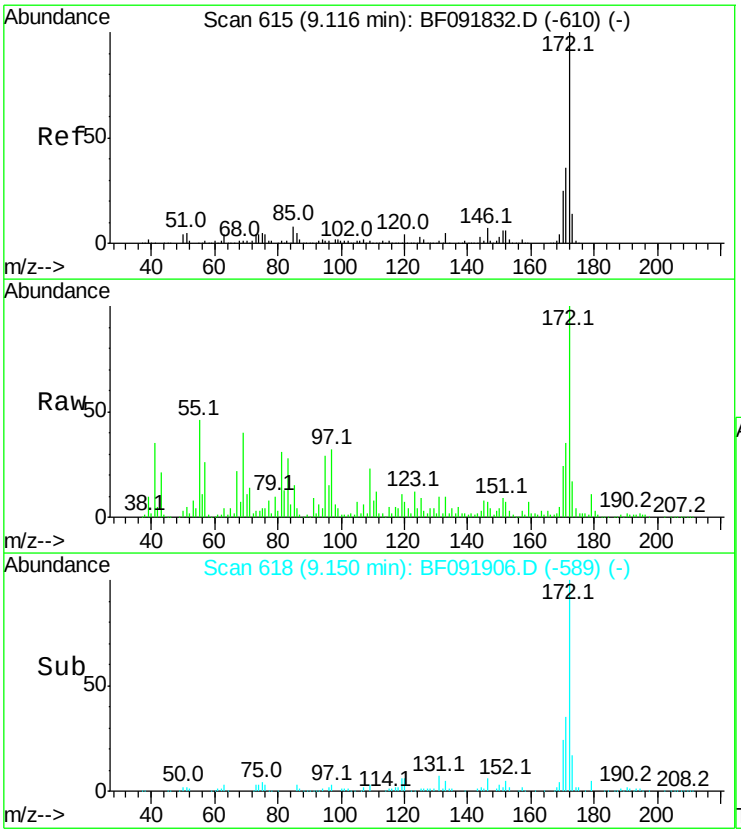
#41
2,4,6-Tribromophenol
Concen: 155.07 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:330 Resp: 274368

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	45.9	34.1	51.1

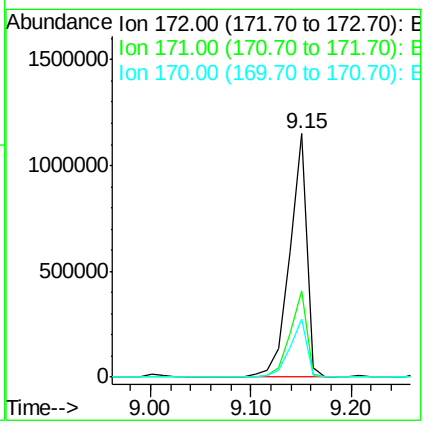


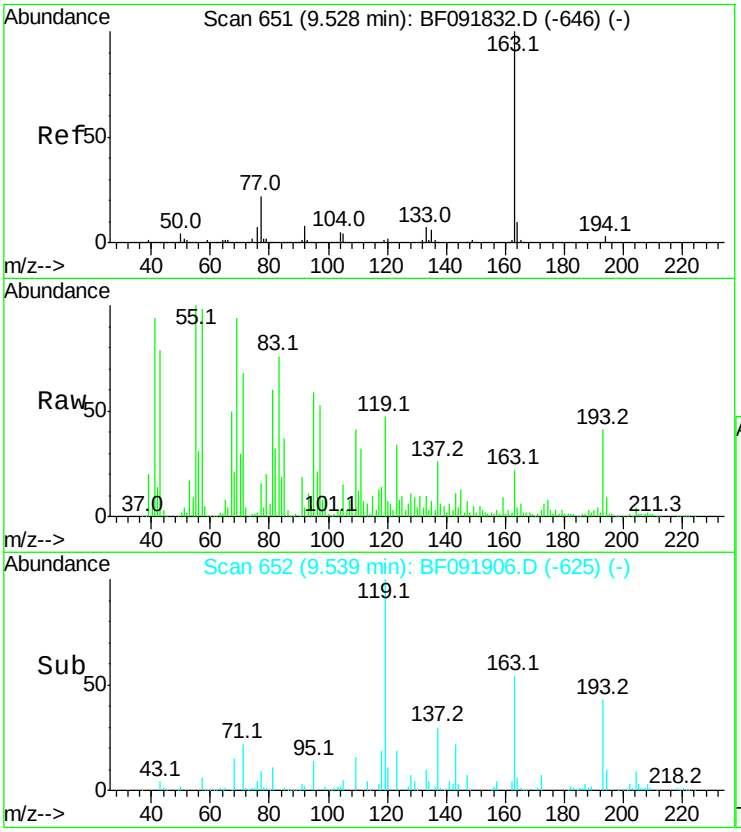


#44
2-Fluorobiphenyl
Concen: 138.48 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.03 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:172 Resp: 1360276

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.7	20.2	30.4



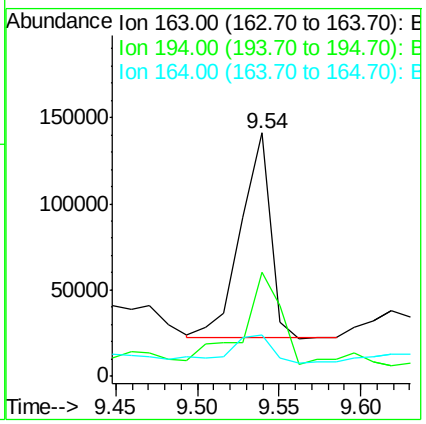


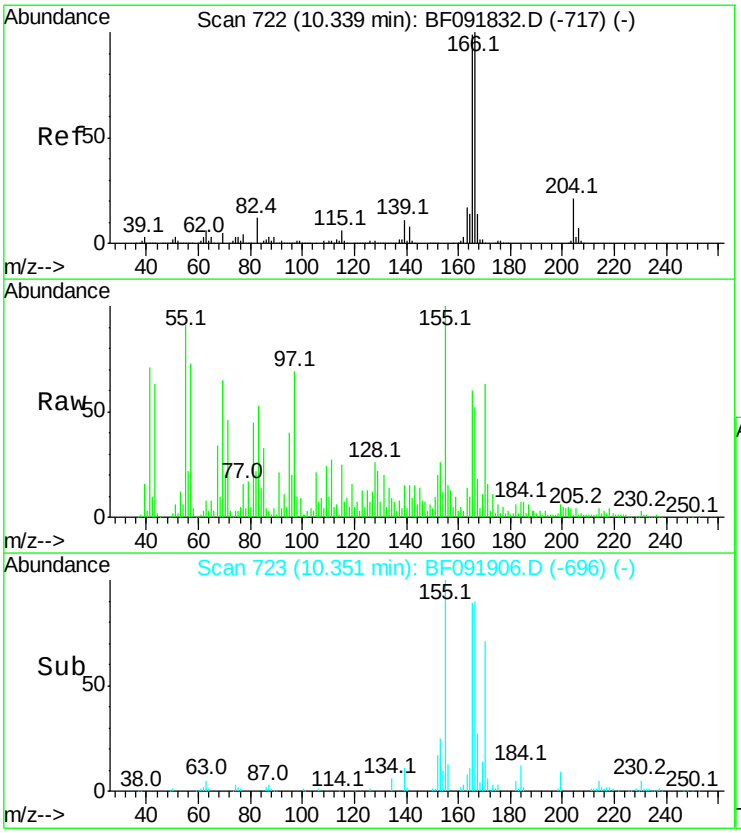
#49
Dimethylphthalate
Concen: 10.95 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:163 Resp: 149691

Ion	Ratio	Lower	Upper
163	100		
194	43.0	3.0	4.4#
164	16.7	8.0	12.0#

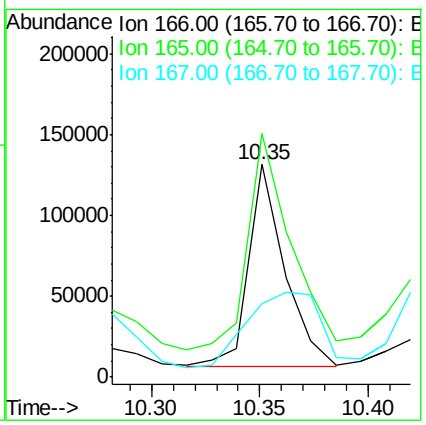


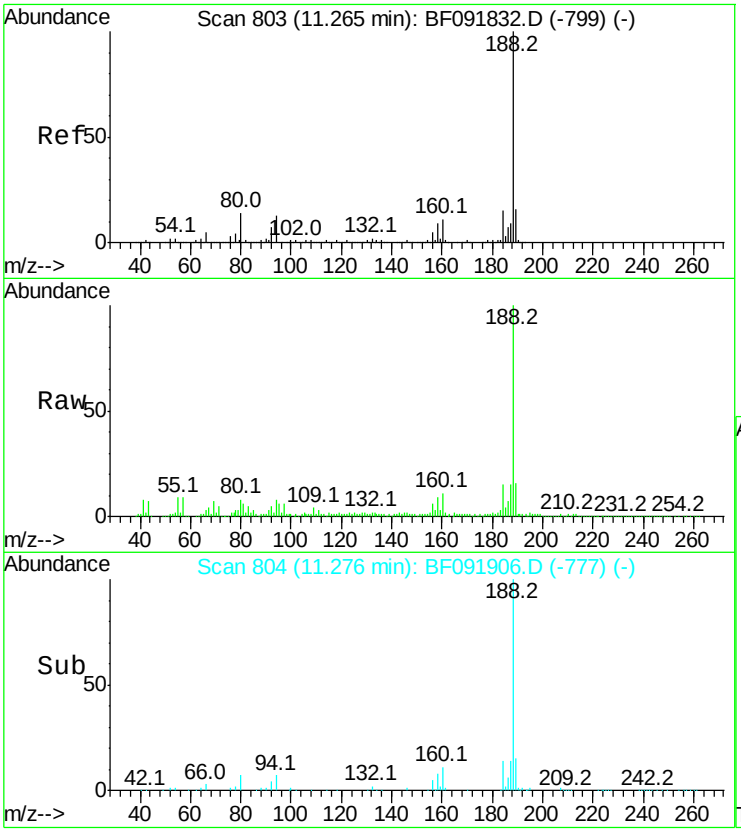


#57
Fluorene
Concen: 12.17 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:166 Resp: 144583

Ion	Ratio	Lower	Upper
166	100		
165	114.5	77.8	116.8
167	34.6	10.8	16.2#



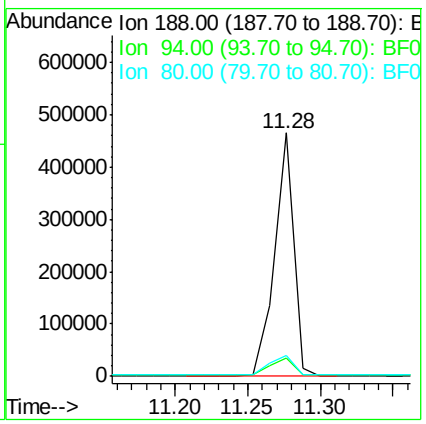


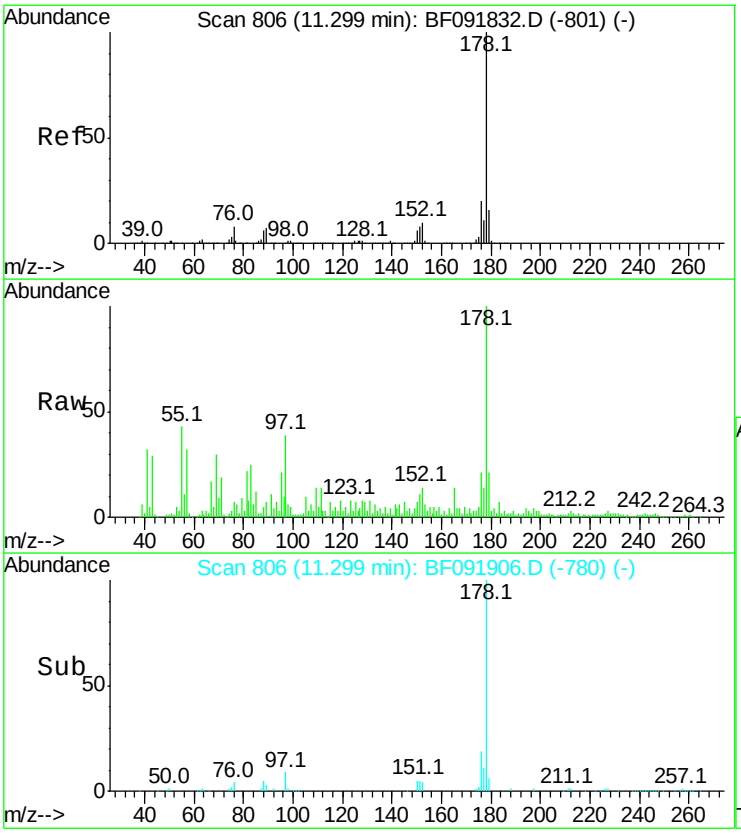
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:188 Resp: 426109

Ion	Ratio	Lower	Upper
188	100		
94	7.7	10.0	15.0#
80	8.4	11.2	16.8#

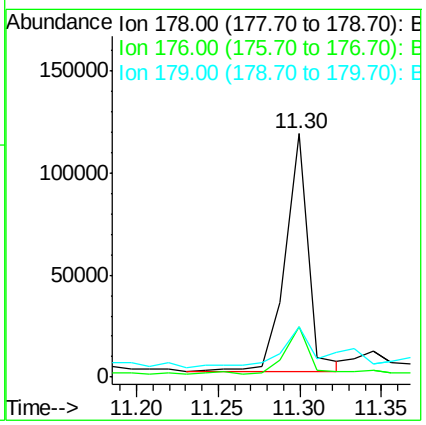


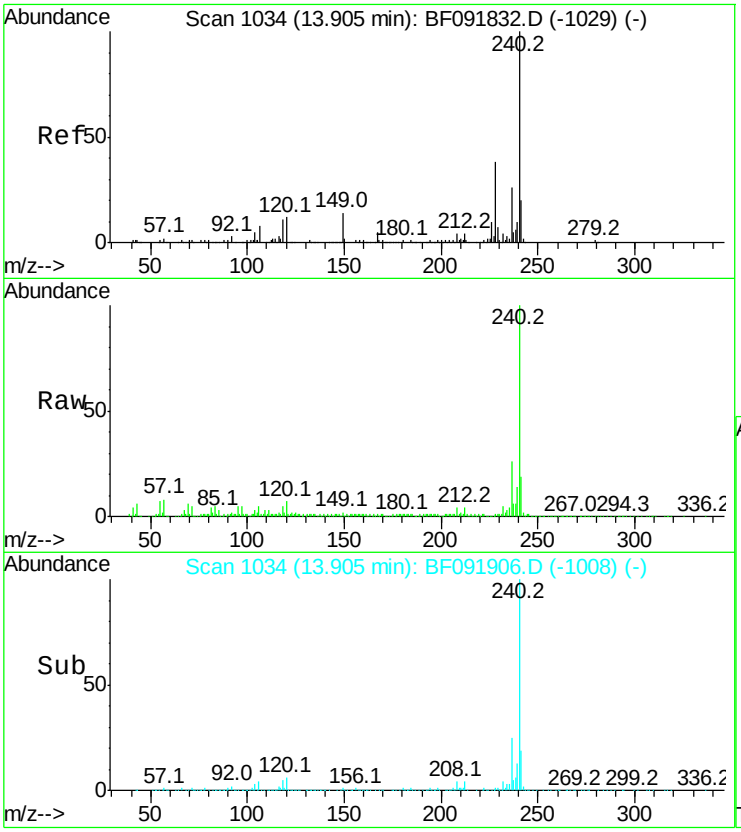


#70
Phenanthrene
Concen: 4.95 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:178 Resp: 114311

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	20.9	12.8	19.2#



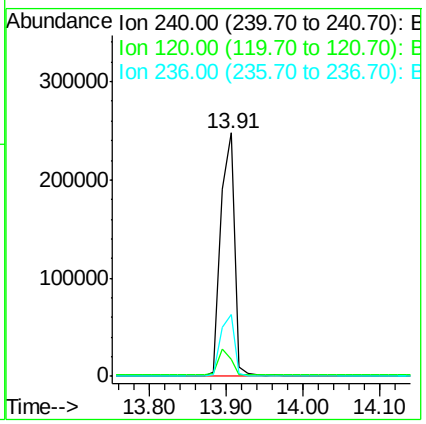


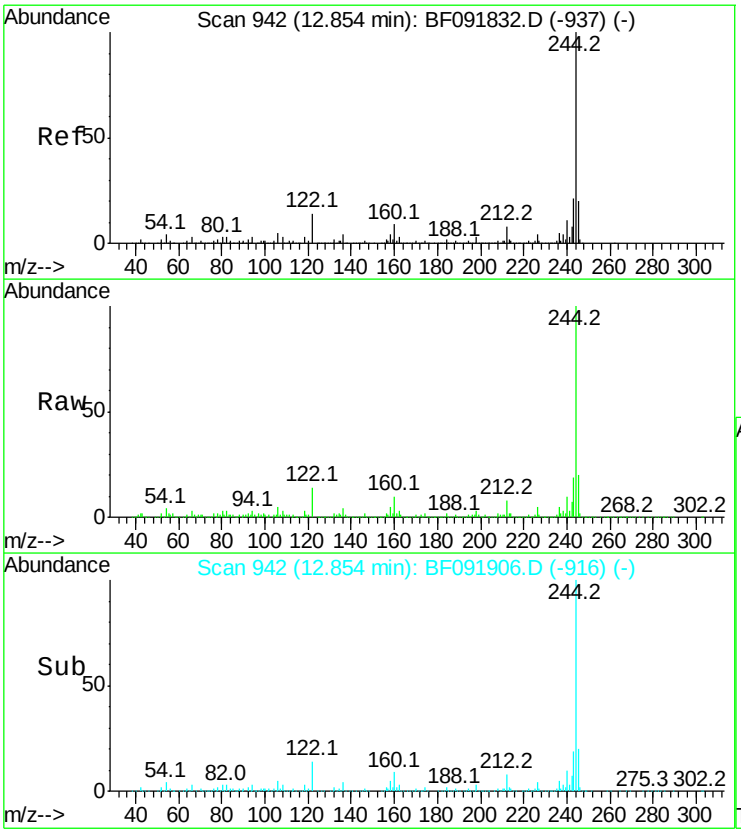
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:240 Resp: 317602

Ion	Ratio	Lower	Upper
240	100		
120	6.9	12.9	19.3#
236	25.6	20.9	31.3

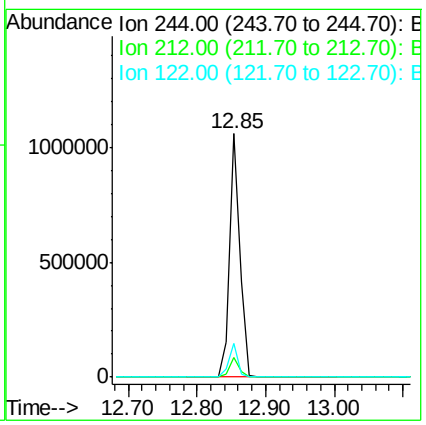


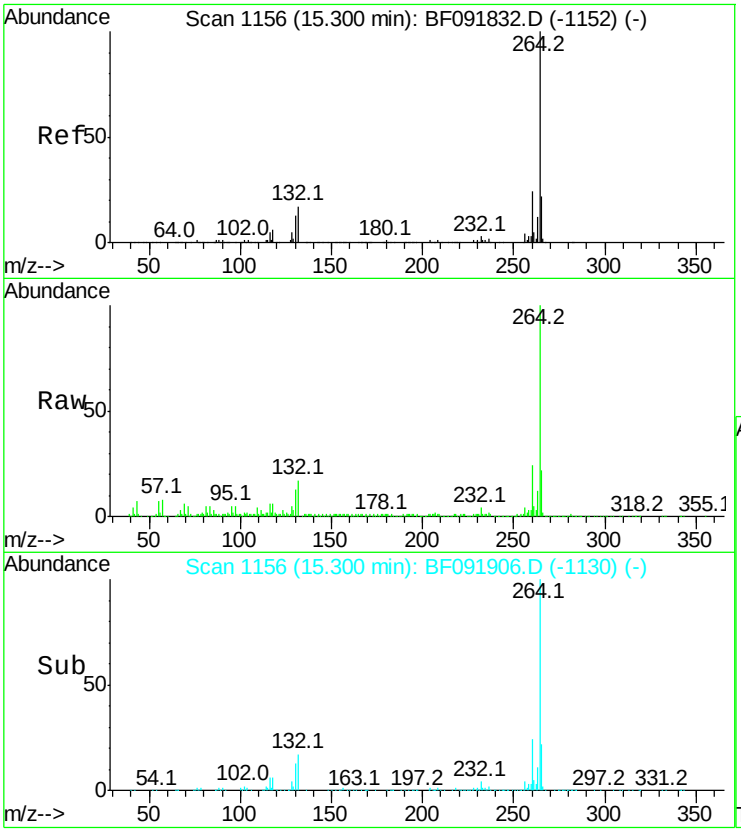


#78
Terphenyl-d14
Concen: 86.41 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Tgt Ion:244 Resp: 1131529

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF091906.D
Acq: 23 Dec 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-52(13-15)-121916RE

Tgt Ion:264 Resp: 246940

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	17.4	26.0