Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091747.D
Acq On : 18 Dec 2016 20:14
Operator : UM/SJ
Sample : H6089-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

Quant Time: Dec 19 03:30:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	247349	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	583739	20.00	ng		0.01
38) Acenaphthene-d10	9.85	164	287384	20.00	ng		0.03
63) Phenanthrene-d10	11.32	188	575331	20.00	ng		0.03
75) Chrysene-d12	13.93	240	741905	20.00	ng		0.00
86) Perylene-d12	15.32	264	559824	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1681729	113.91	ng		0.00
7) Phenol-d6	6.42	99	2538263	140.97	ng		0.00
23) Nitrobenzene-d5	7.34	82	1387294	137.05	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	285631	117.21	ng		0.05
44) 2-Fluorobiphenyl	9.16	172	1423892	99.54	ng		0.02
78) Terphenyl-d14	12.89	244	1693846	57.65	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.43	94	97005	4.78	ng	#	70
31) Naphthalene	8.10	128	3173132	113.78	ng	#	95
37) 2-Methylnaphthalene	8.82	142	7494668	426.28	ng		97
45) 1,1'-Biphenyl	9.26	154	1105310	53.66	ng		98
49) Dimethylphthalate	9.57	163	91799	4.89	ng	#	69
51) Acenaphthene	9.88	154	577188	35.26	ng	#	78
57) Fluorene	10.41	166	1275222m	84.34	ng		
70) Phenanthrene	11.36	178	3605057	125.40	ng	#	96
74) Fluoranthene	12.53	202	213148	7.10	ng		88
77) Pyrene	12.75	202	1145991	21.39	ng		97

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

Quantitation Report (LSC Reviewed)

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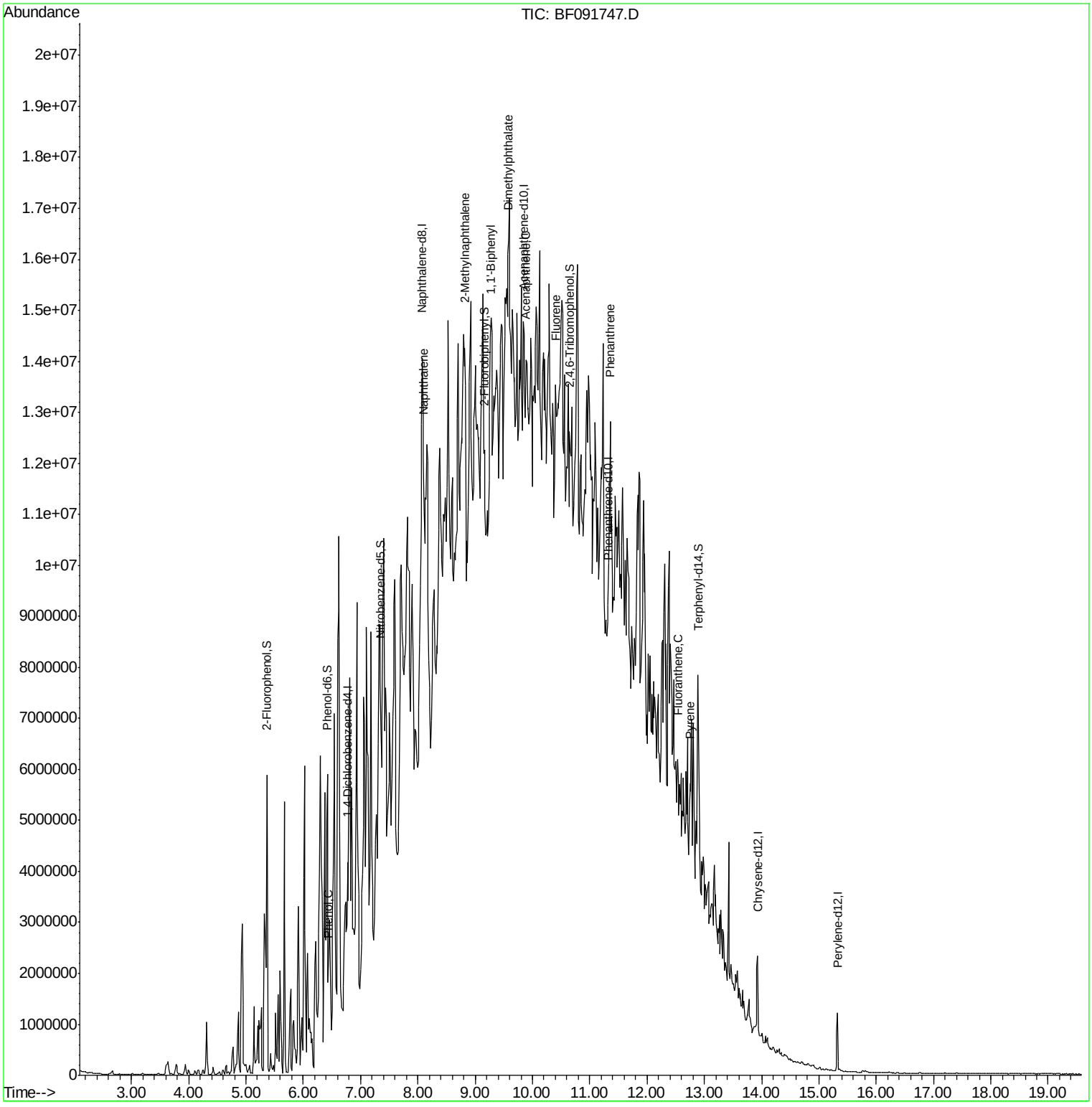
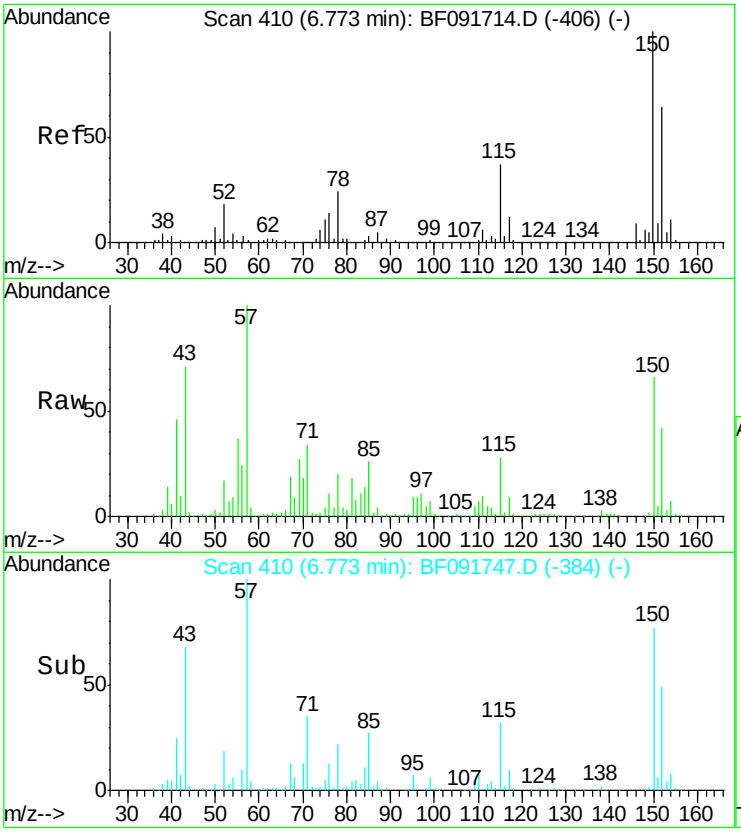


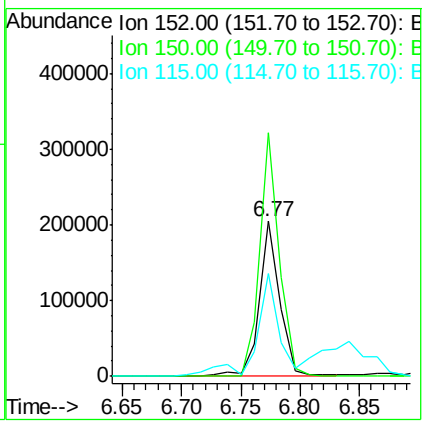


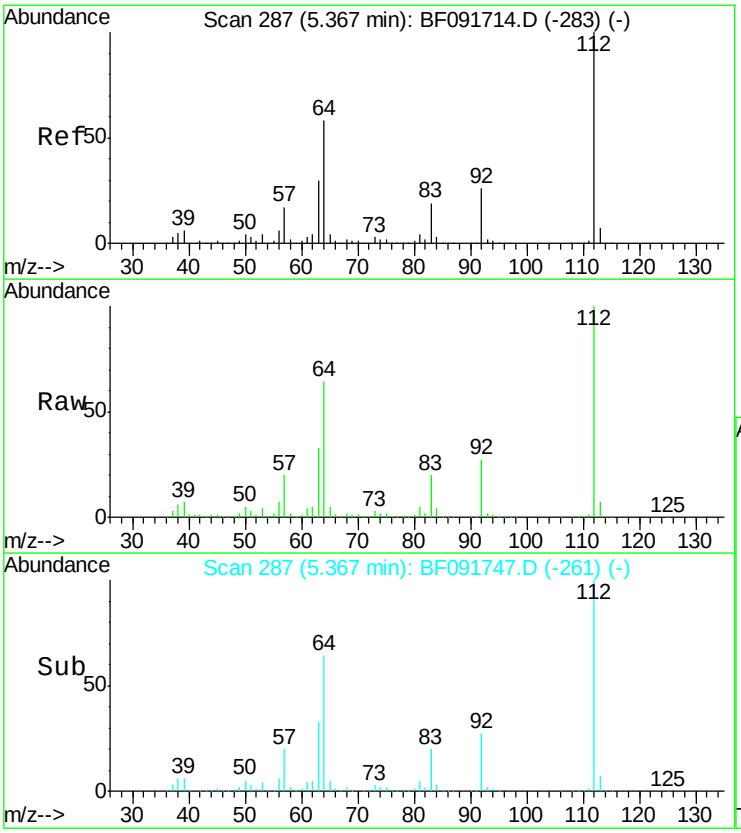
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:152 Resp: 247349

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	66.2	46.0	69.0

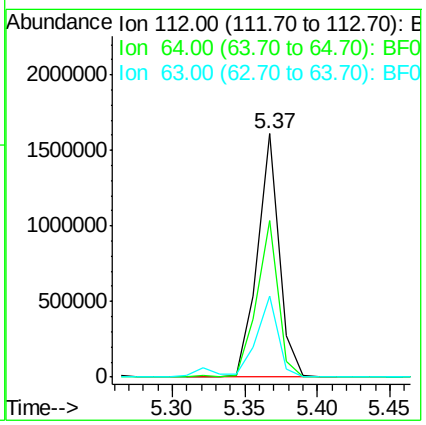


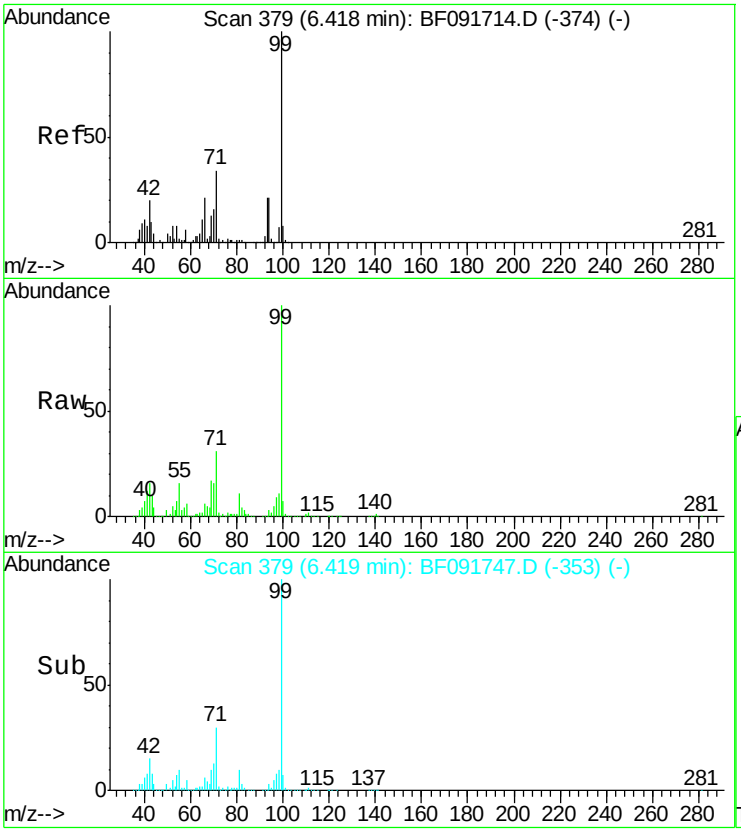


#5
2-Fluorophenol
Concen: 113.91 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:112 Resp: 1681729

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.1	69.1
63	33.0	23.8	35.6



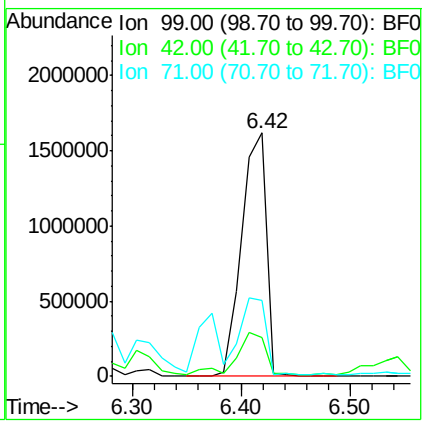


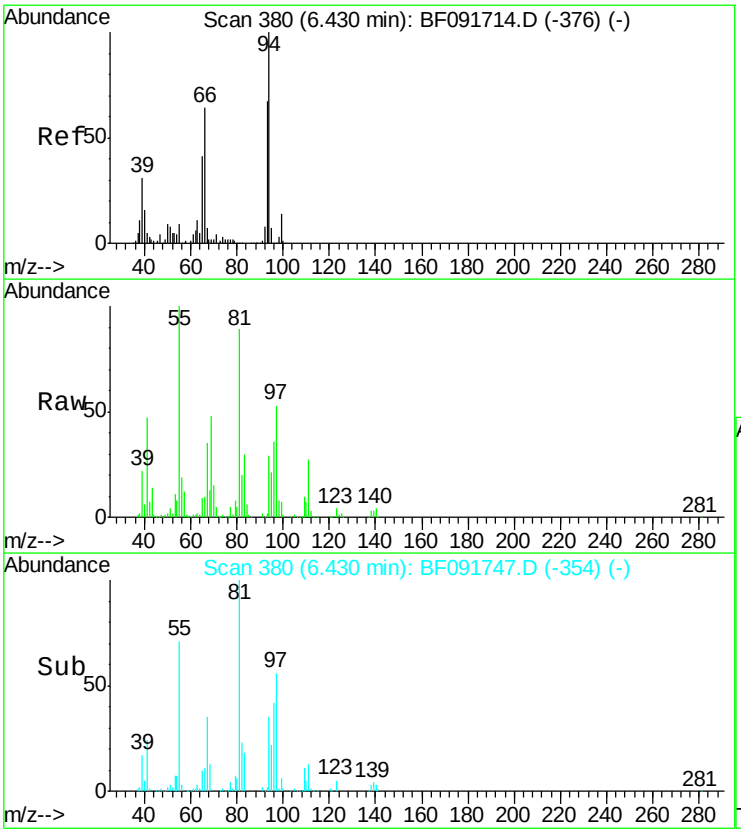
#7
Phenol-d6
Concen: 140.97 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion: 99 Resp: 2538263

Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	31.0	27.5	41.3

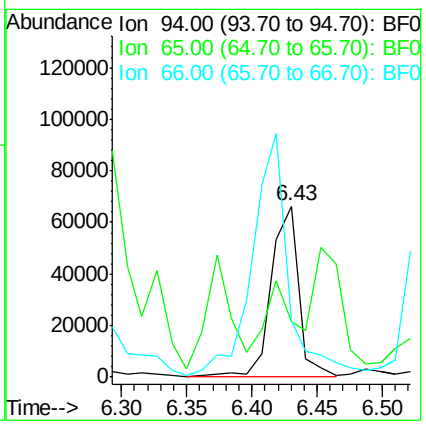


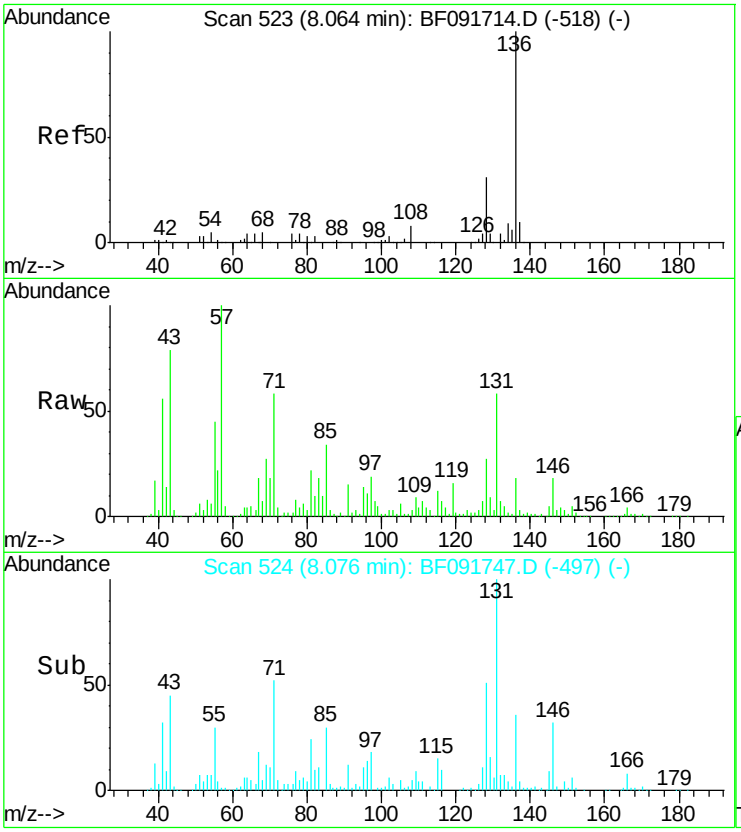


#10
Phenol
Concen: 4.78 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion: 94 Resp: 97005

Ion	Ratio	Lower	Upper
94	100		
65	32.0	21.4	61.4
66	33.4	44.0	84.0#



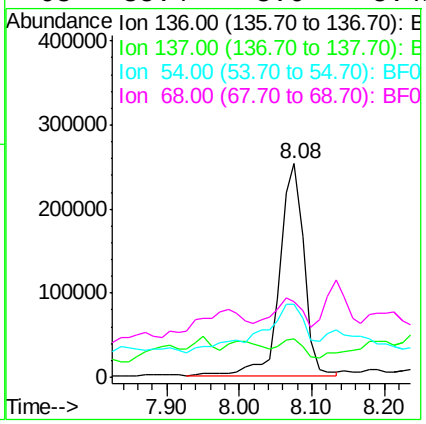


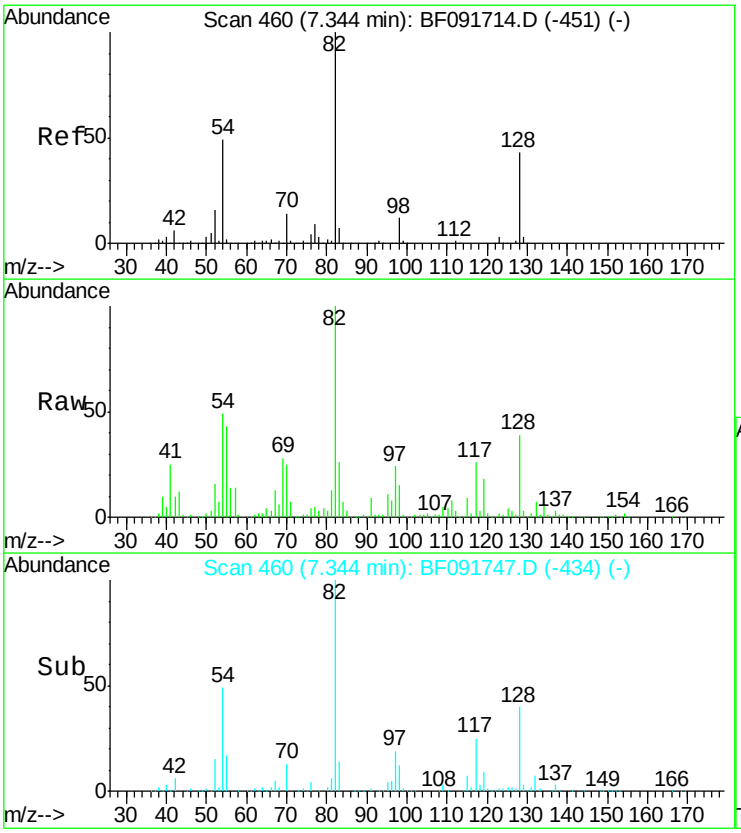
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:136 Resp: 583739

Ion	Ratio	Lower	Upper
136	100		
137	17.8	8.4	12.6#
54	34.2	4.5	6.7#
68	35.4	3.6	5.4#

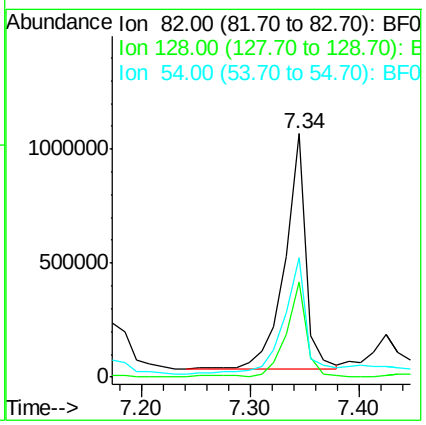


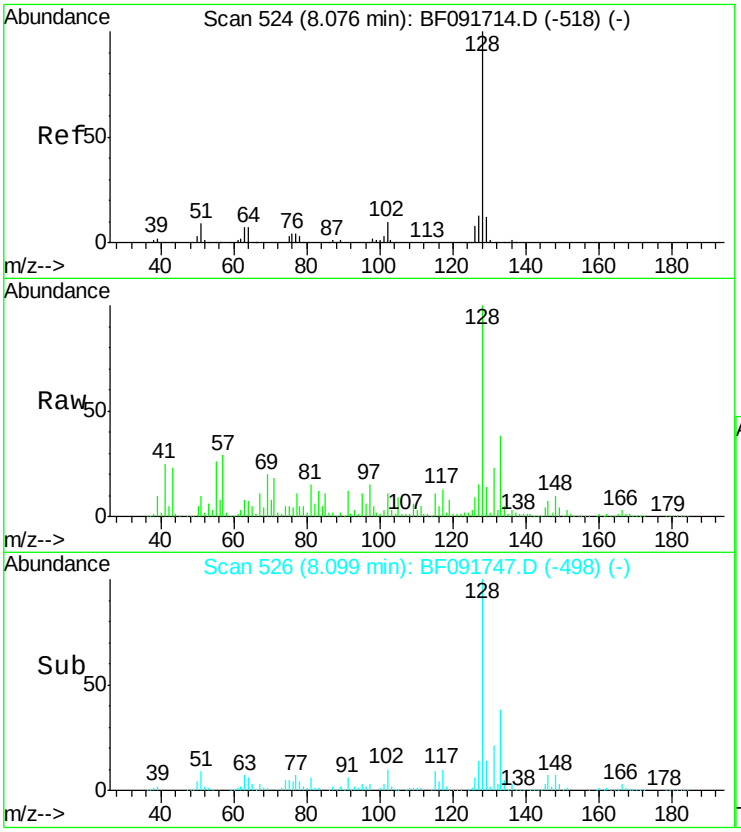


#23
Nitrobenzene-d5
Concen: 137.05 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion: 82 Resp: 1387294

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.6	52.0
54	48.9	39.5	59.3



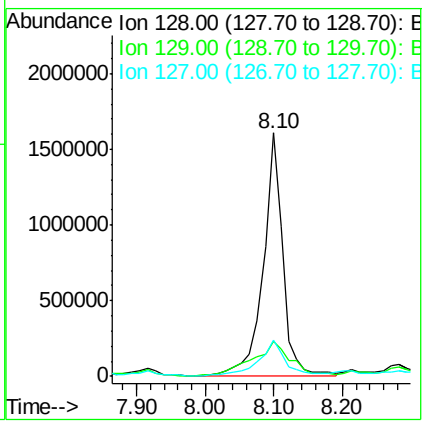


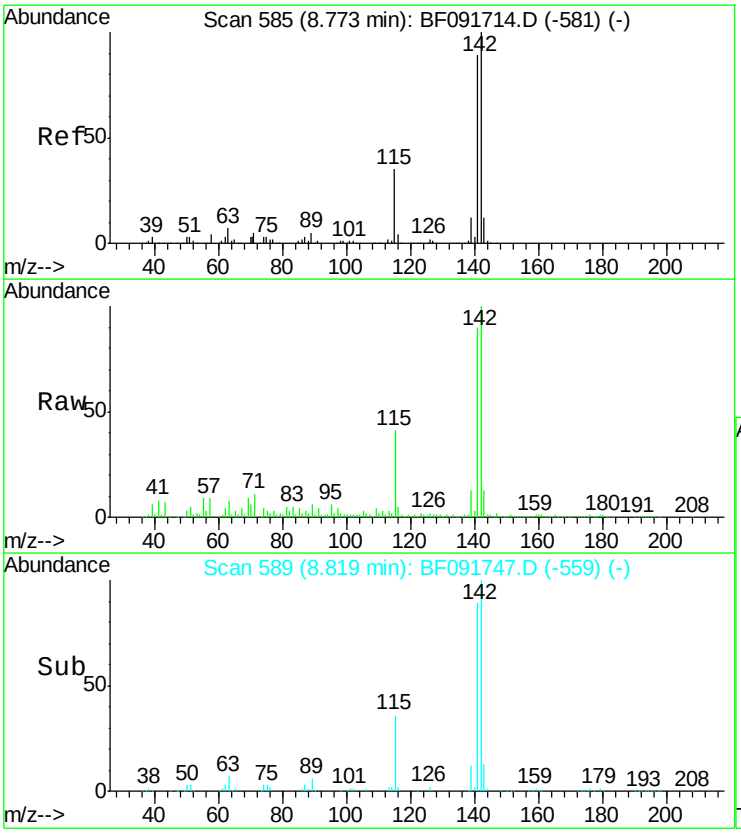
#31
Naphthalene
Concen: 113.78 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.02 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:128 Resp: 3173132

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.5	14.3#
127	15.0	10.8	16.2

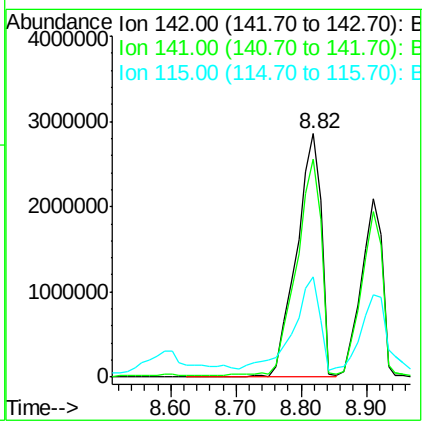


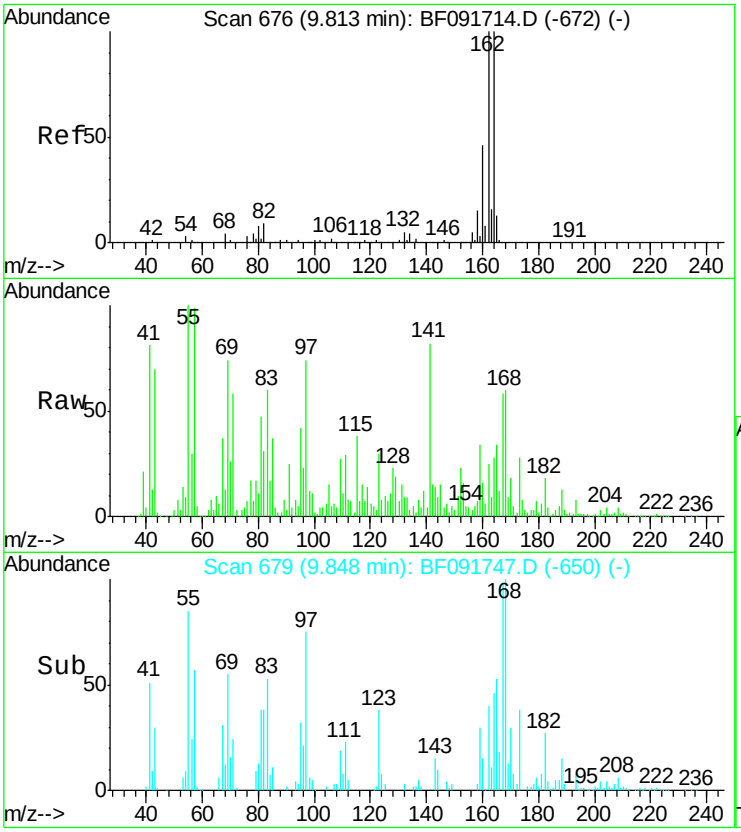


#37
2-Methylnaphthalene
Concen: 426.28 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.05 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:142 Resp: 7494668

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	41.1	28.3	42.5



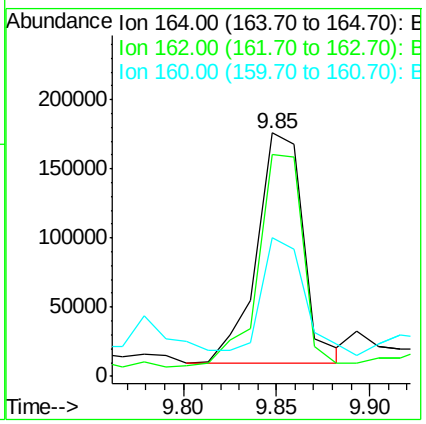


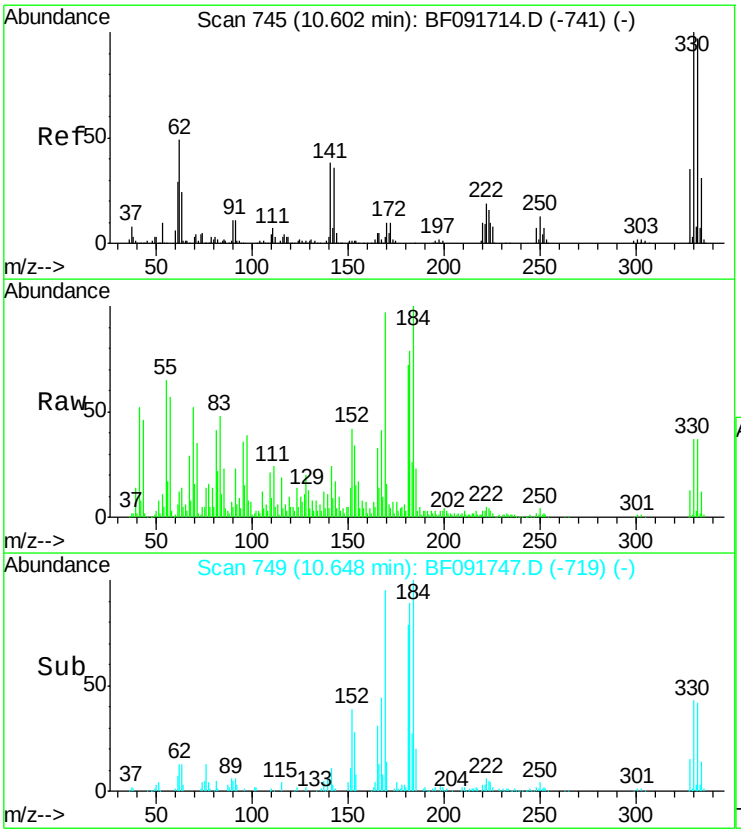
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.03 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:164 Resp: 287384

Ion	Ratio	Lower	Upper
164	100		
162	91.2	80.2	120.2
160	56.9	36.9	55.3#

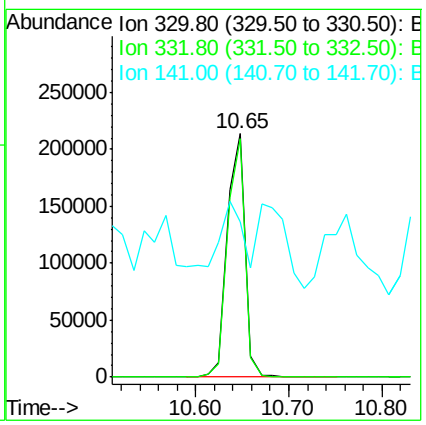


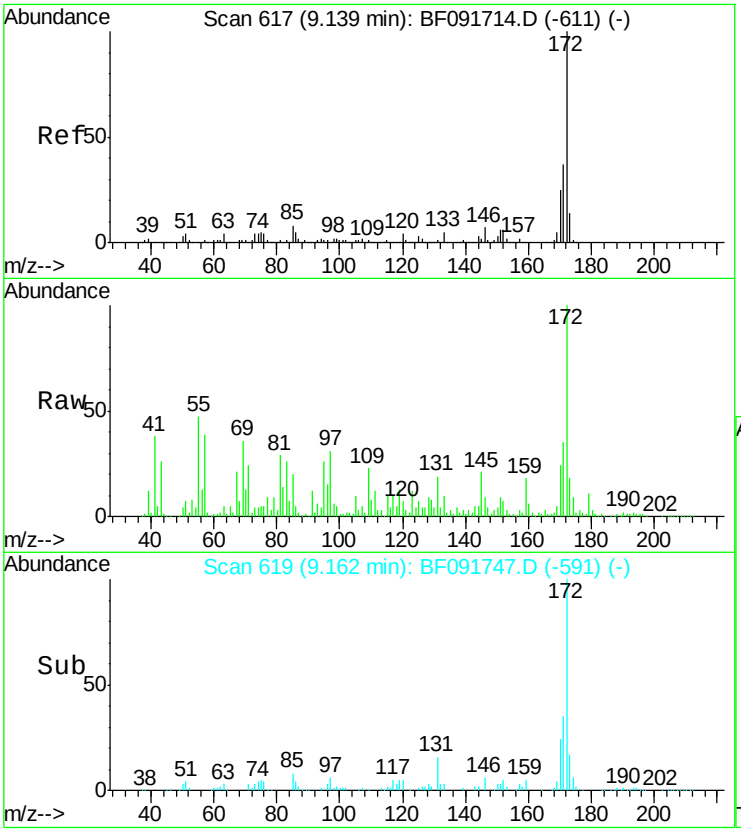


#41
2,4,6-Tribromophenol
Concen: 117.21 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.05 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:330 Resp: 285631

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	29.4	34.1	51.1#



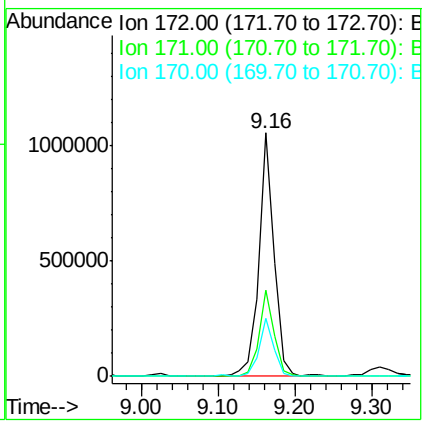


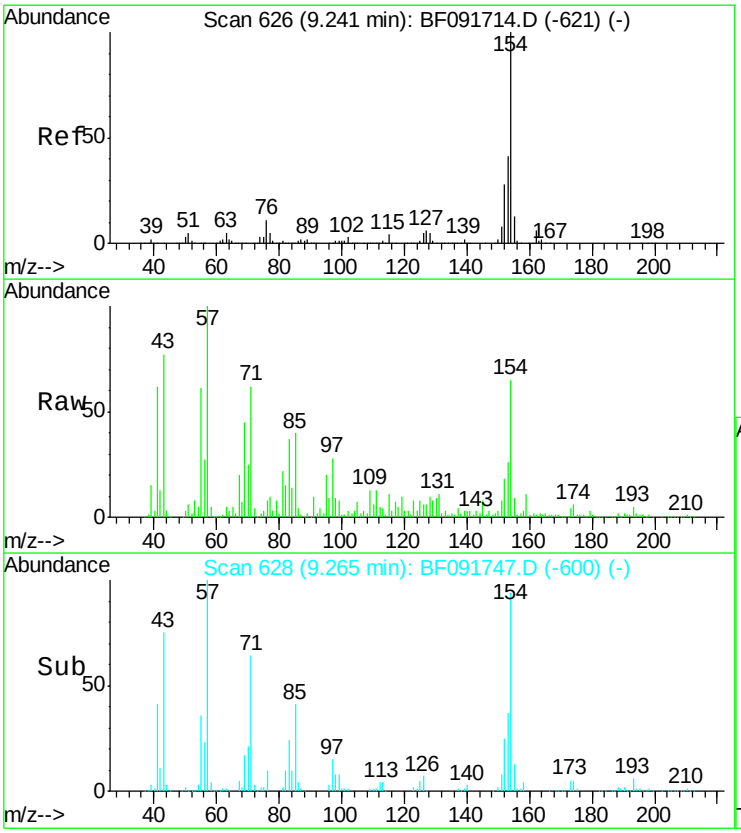
#44
2-Fluorobiphenyl
Concen: 99.54 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.02 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:172 Resp: 1423892

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.8	20.2	30.4

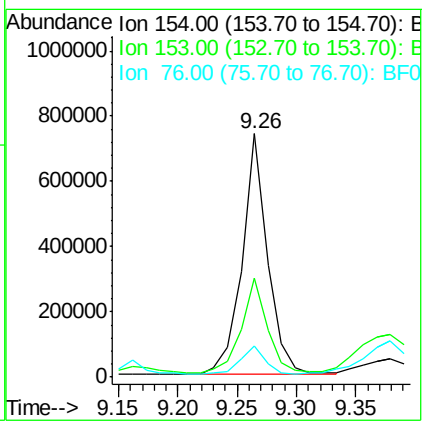


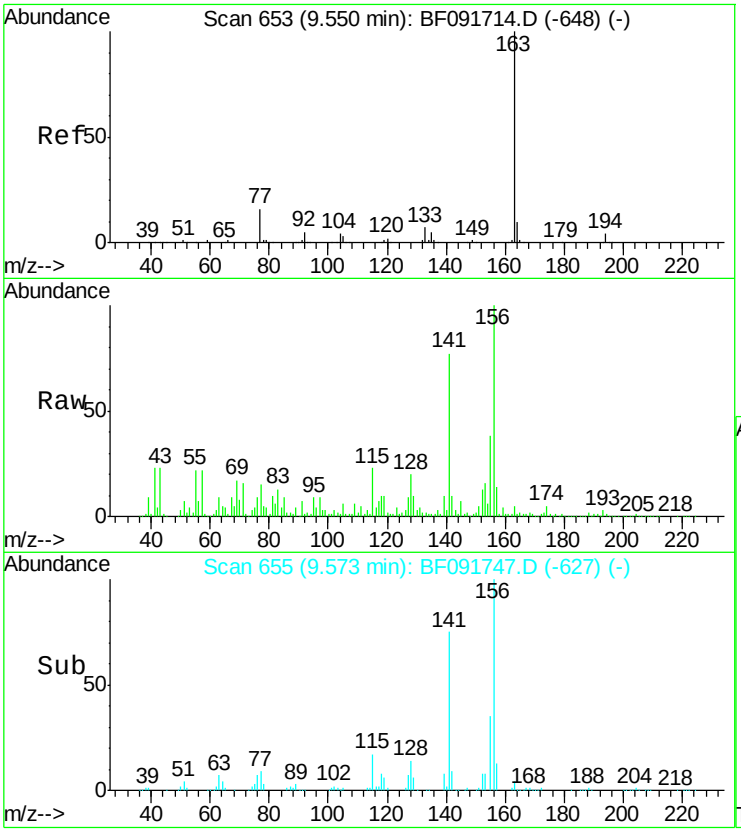


#45
1,1'-Biphenyl
Concen: 53.66 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.02 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:154 Resp: 1105310

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	13.0	0.0	30.5



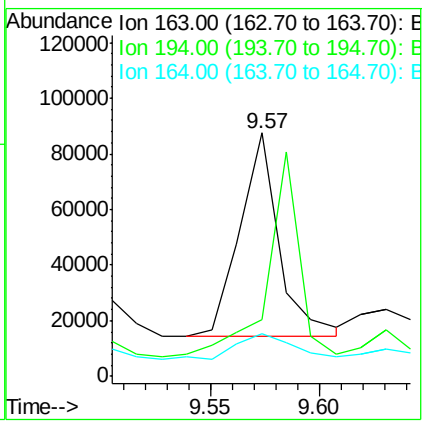


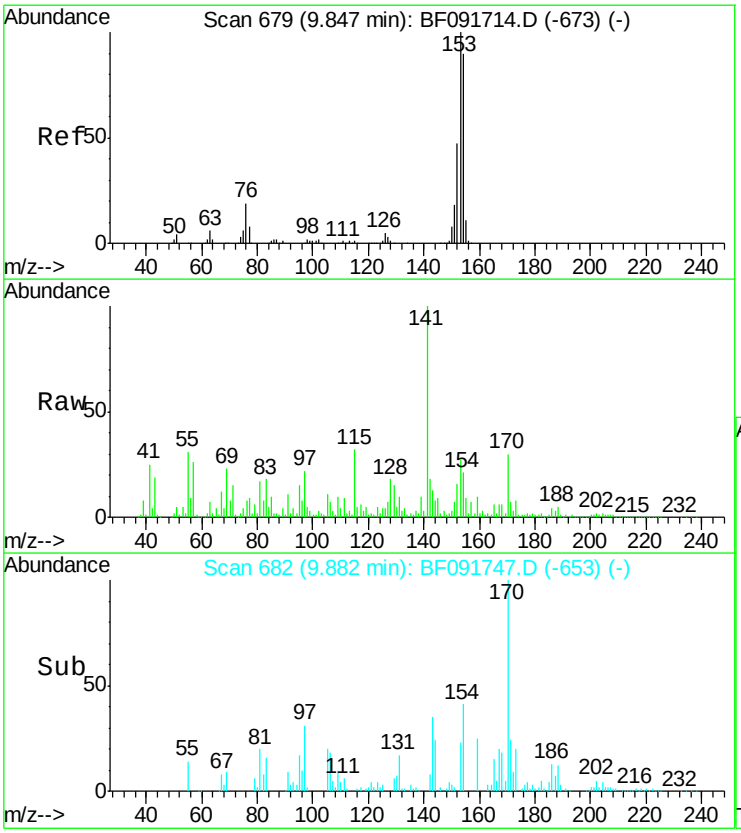
#49
Dimethylphthalate
Concen: 4.89 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.02 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:163 Resp: 91799

Ion	Ratio	Lower	Upper
163	100		
194	23.3	3.0	4.4#
164	17.6	8.0	12.0#

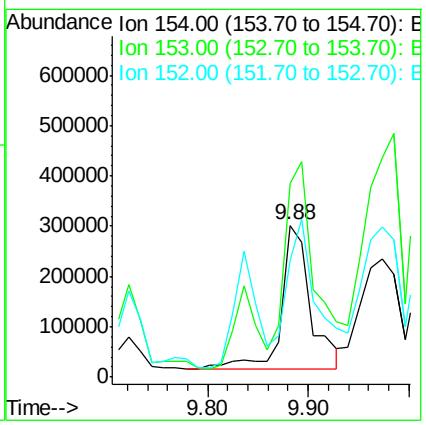


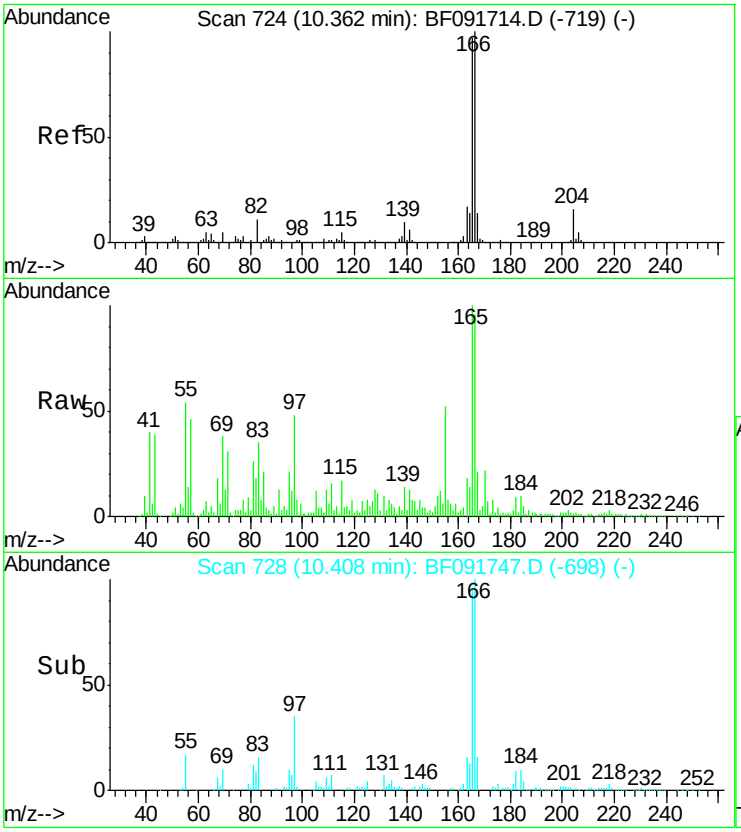


#51
Acenaphthene
Concen: 35.26 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.03 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:154 Resp: 577188

Ion	Ratio	Lower	Upper
154	100		
153	127.8	88.6	133.0
152	77.3	41.6	62.4#



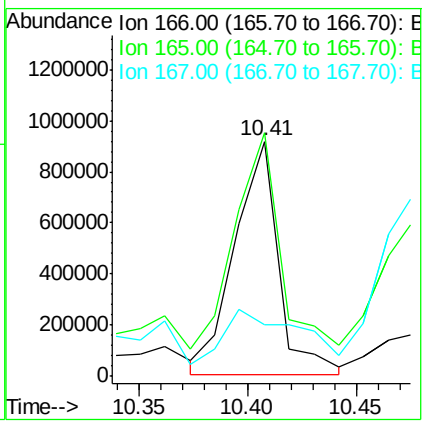


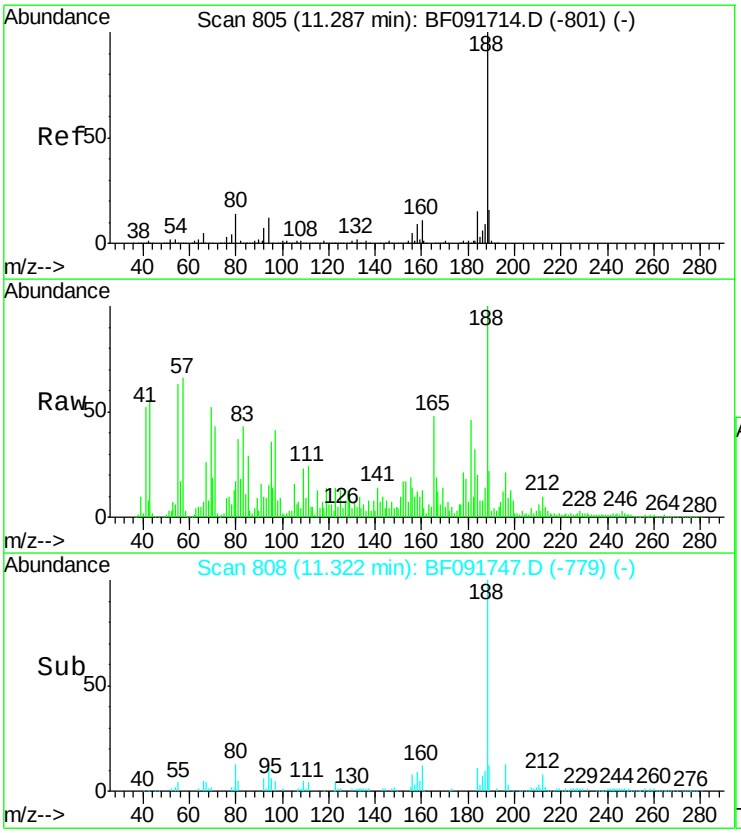
#57
Fluorene
Concen: 84.34 ng m
RT: 10.41 min Scan# 728
Delta R.T. 0.05 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:166 Resp: 1275222

Ion	Ratio	Lower	Upper
166	100		
165	103.7	77.8	116.8
167	21.8	10.8	16.2#

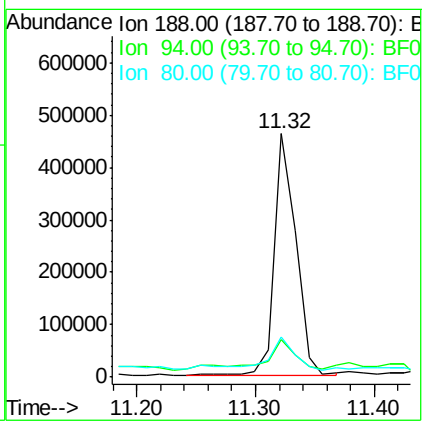


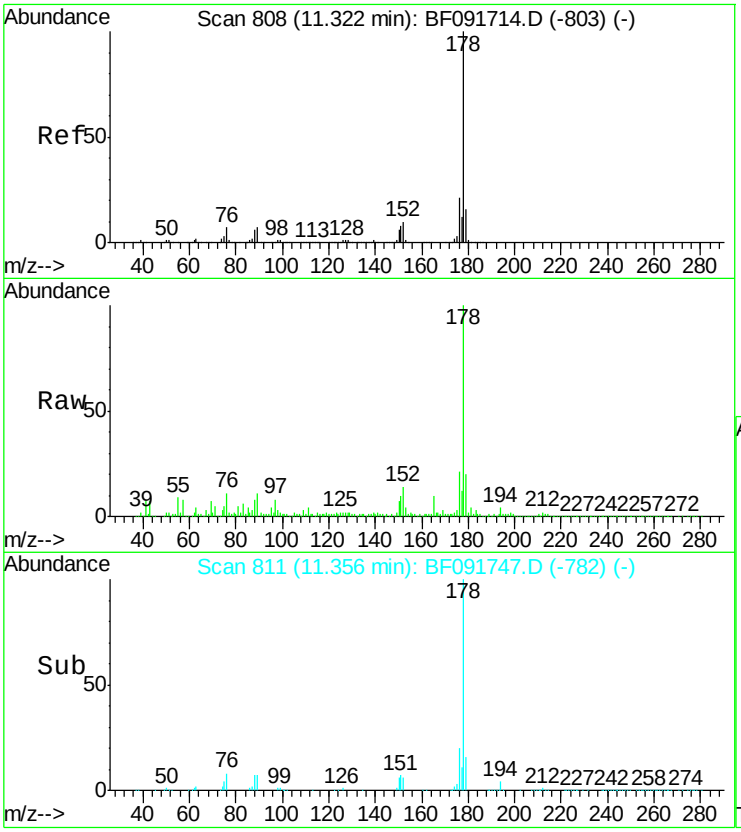


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.03 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:188 Resp: 575331

Ion	Ratio	Lower	Upper
188	100		
94	15.4	10.0	15.0#
80	16.5	11.2	16.8



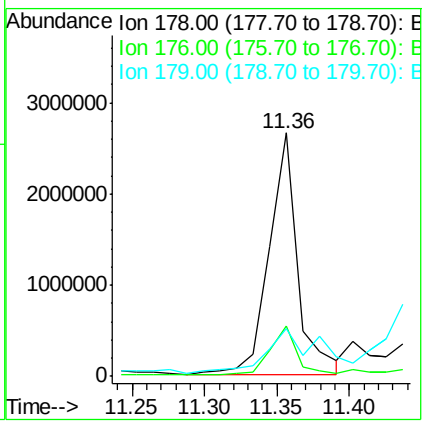


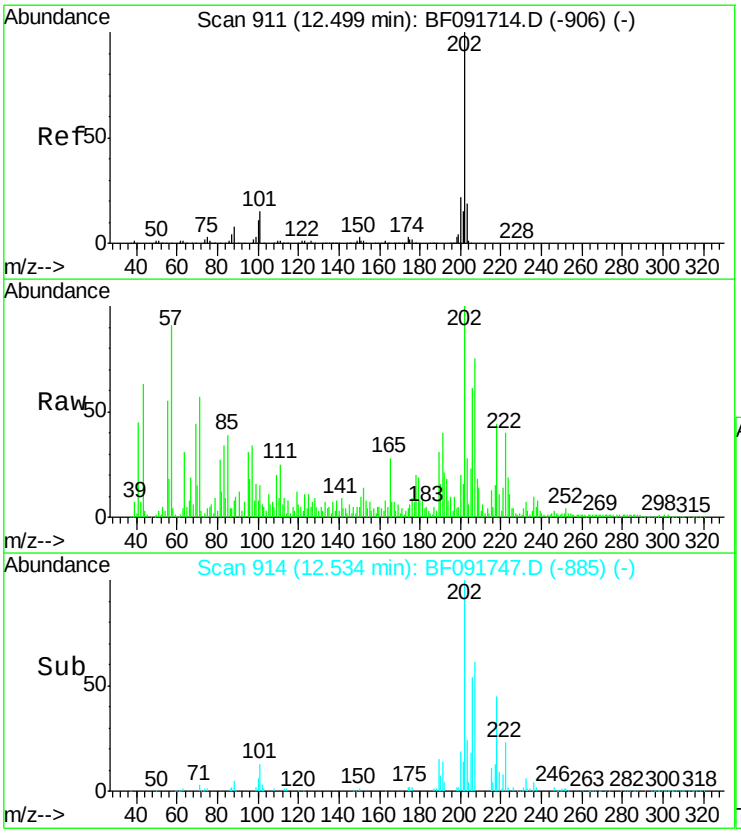
#70
Phenanthrene
Concen: 125.40 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.04 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:178 Resp: 3605057

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.6	25.0
179	19.6	12.8	19.2#

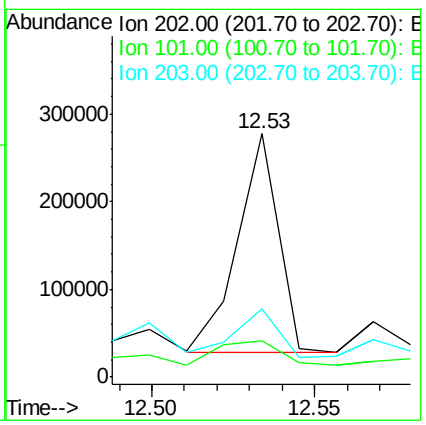


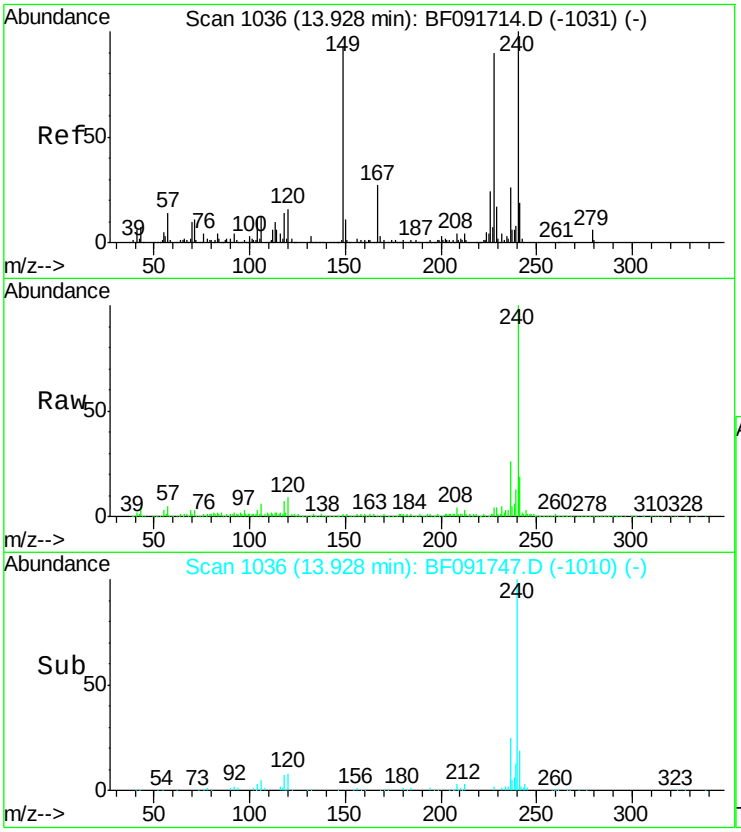


#74
Fluoranthene
Concen: 7.10 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.04 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:202 Resp: 213148

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.6
203	27.8	0.0	38.7



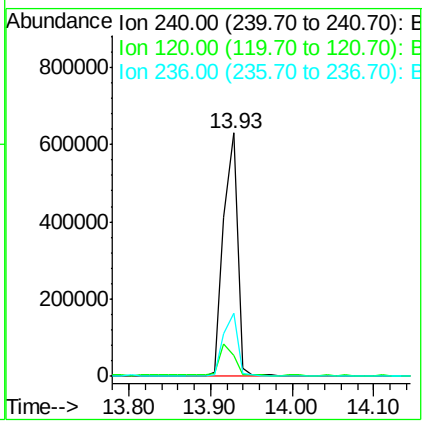


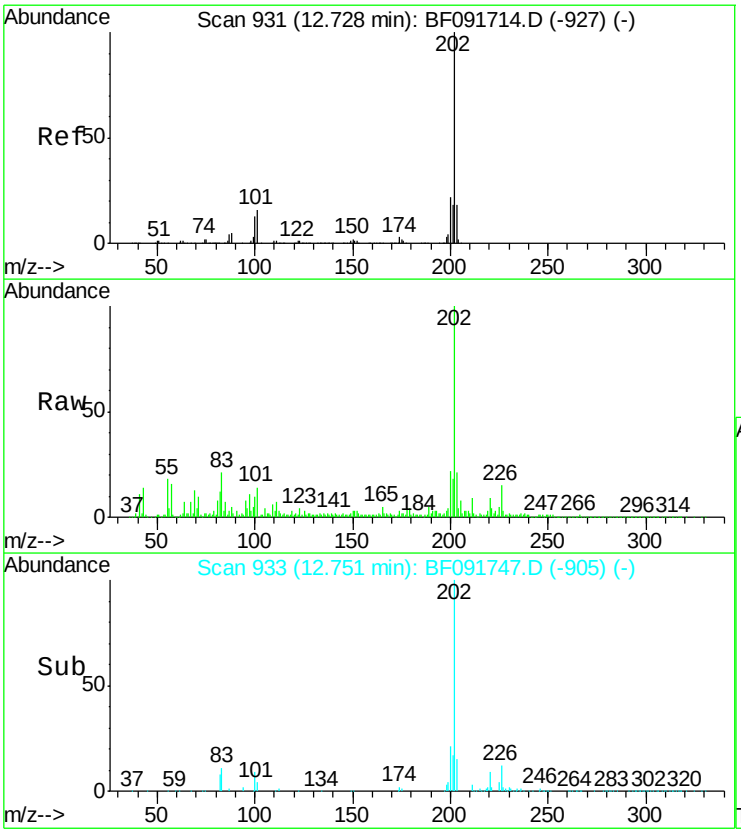
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:240 Resp: 741905

Ion	Ratio	Lower	Upper
240	100		
120	8.5	12.9	19.3#
236	25.8	20.9	31.3

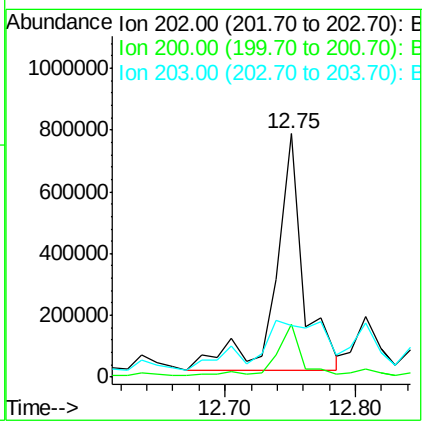


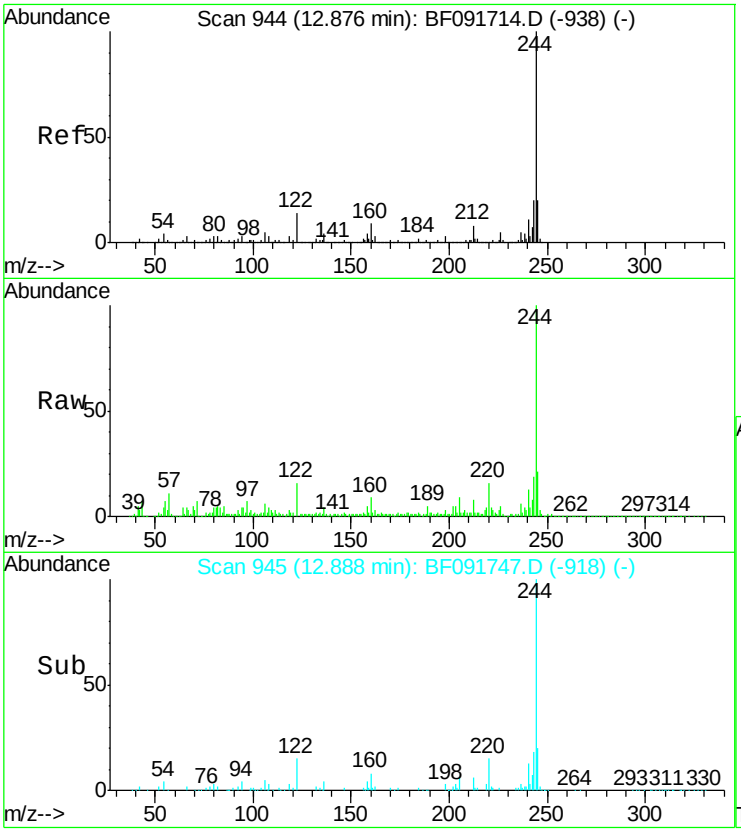


#77
Pyrene
Concen: 21.39 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.02 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:202 Resp: 1145991

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	21.3	14.7	22.1



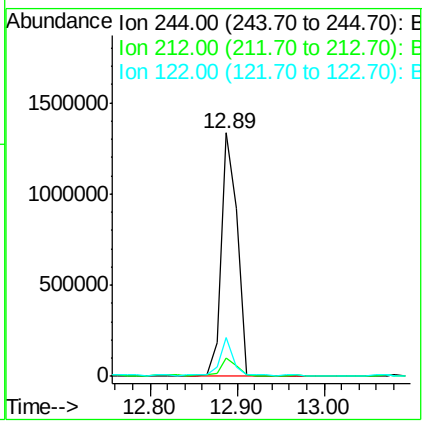


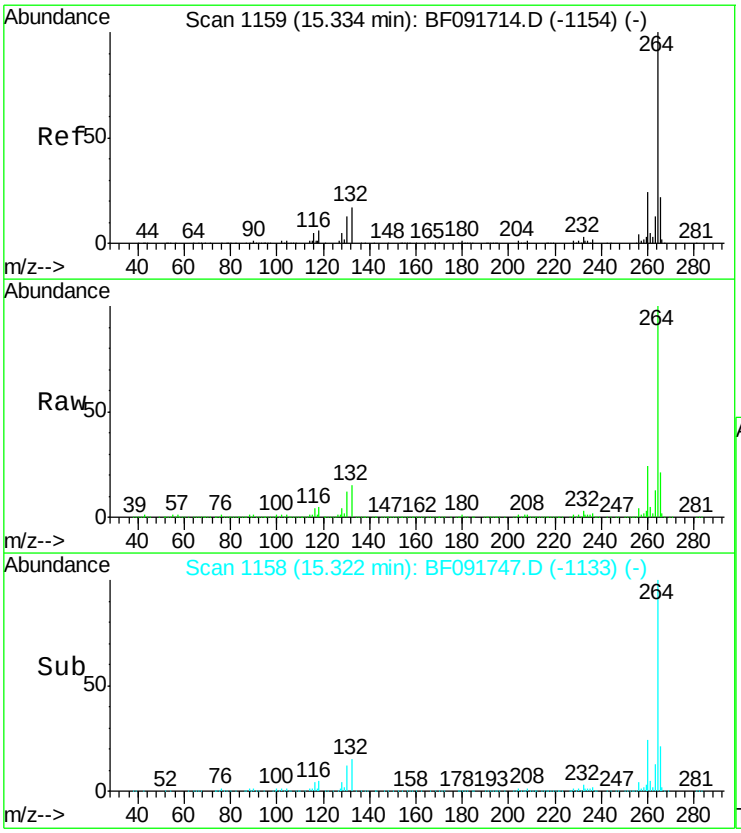
#78
Terphenyl-d14
Concen: 57.65 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Instrument :
BNA_F
ClientSampleId :
T-2

Tgt Ion:244 Resp: 1693846

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091747.D
Acq: 18 Dec 2016 20:14

Tgt Ion:264 Resp: 559824

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.4	26.0