Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091860.D
Acq On : 22 Dec 2016 3:29
Operator : UM/SJ
Sample : H6156-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Time: Dec 22 04:05:07 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	6.75	152	316503	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1192589	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	678314	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1142706	20.00	ng	0.00
75) Chrysene-d12	13.89	240	854236	20.00	ng	-0.01
86) Perylene-d12	15.29	264	665592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1467973	77.44	ng	0.01
7) Phenol-d6	6.40	99	1266510	54.73	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2338614	109.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	790302	140.78	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3410965	106.26	ng	0.00
78) Terphenyl-d14	12.85	244	2562930	72.76	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.06	128	7028473	128.77	ng	95
48) Acenaphthylene	9.64	152	392026	6.93	ng	98

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

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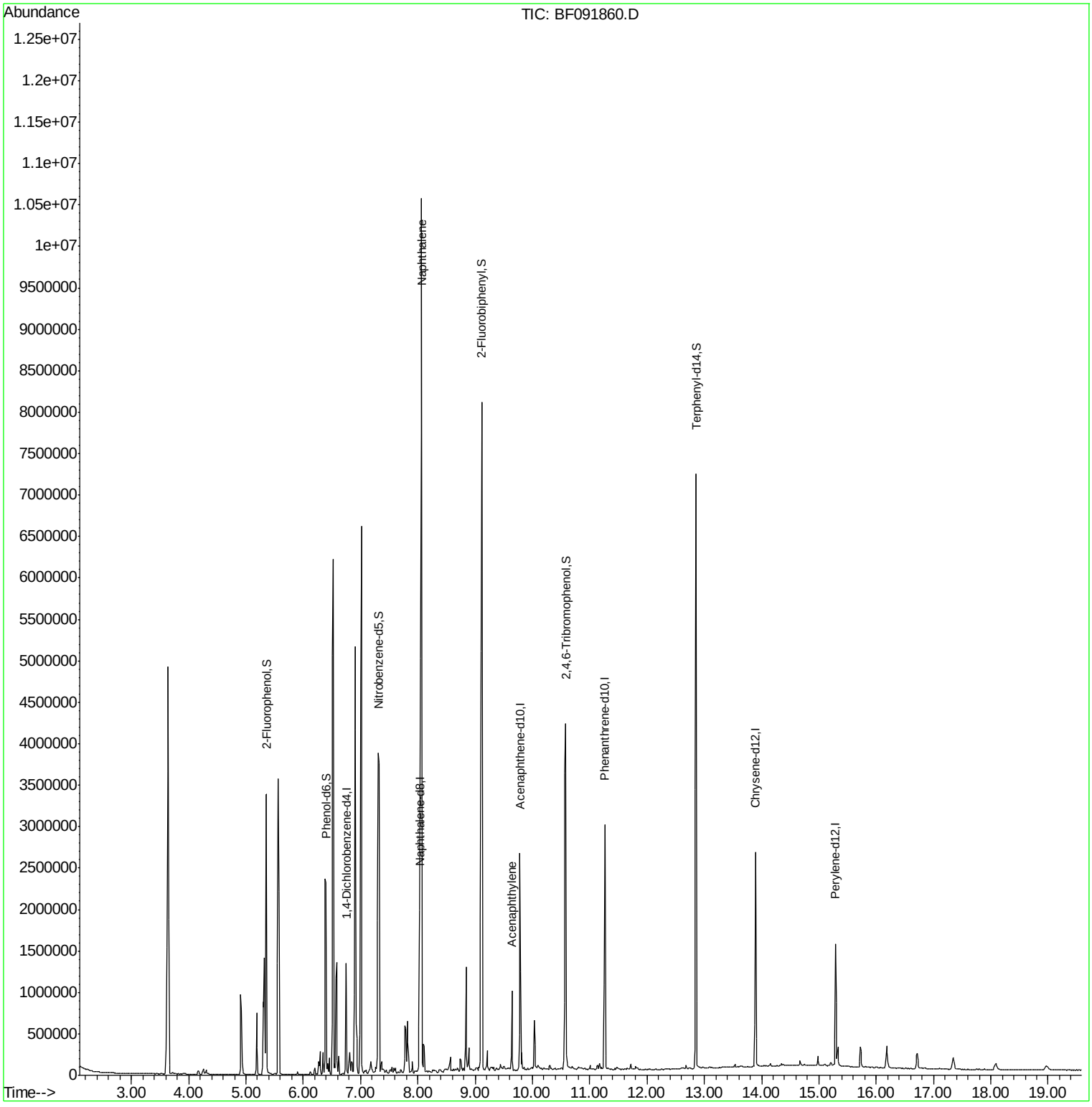
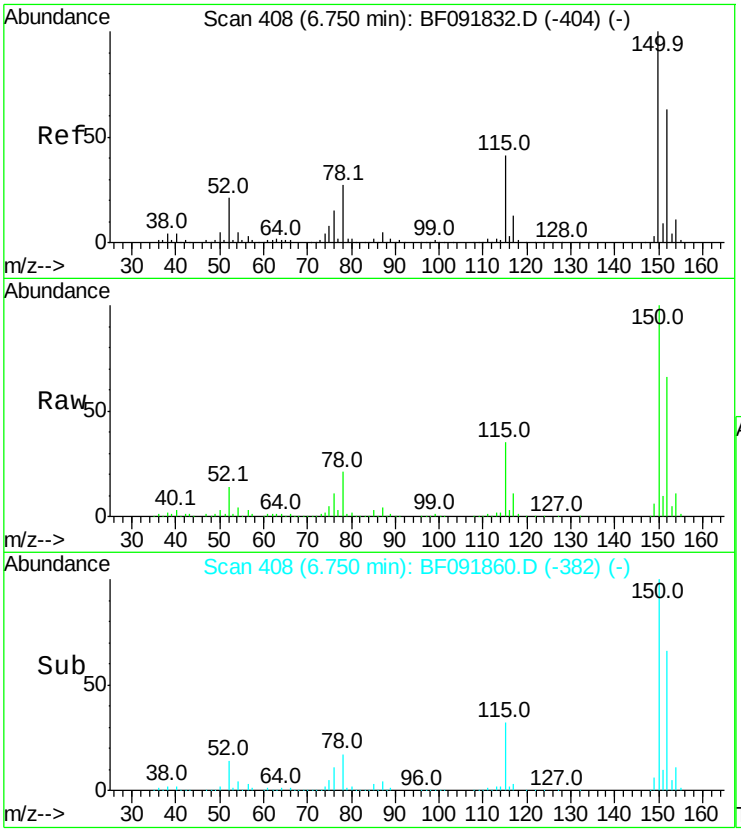


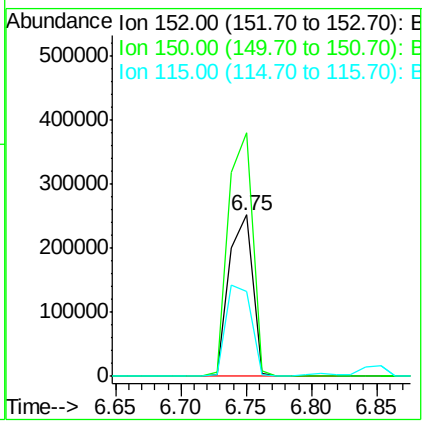


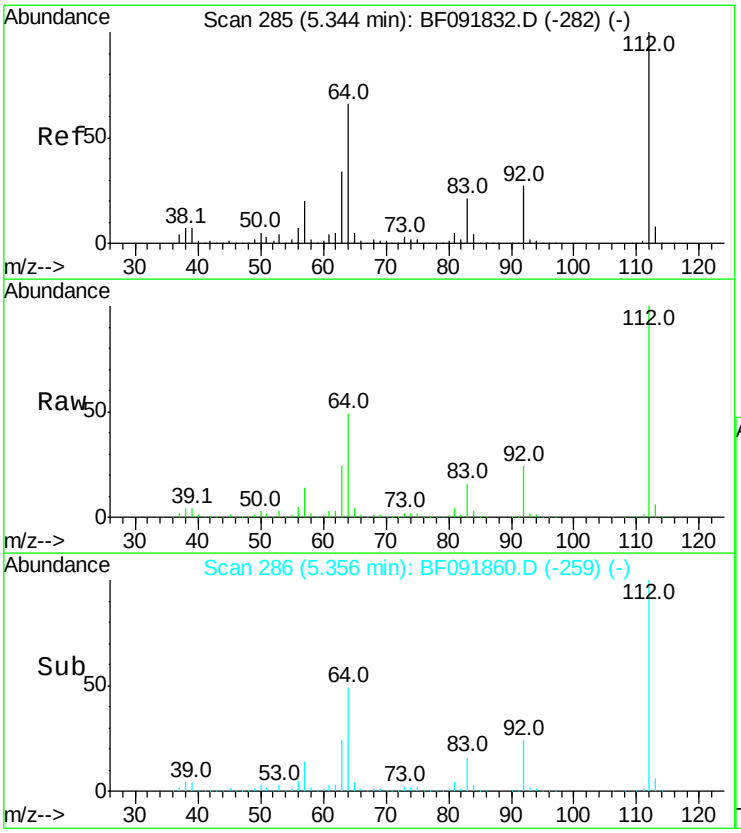
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 316503

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.9	187.3
115	52.4	46.0	69.0

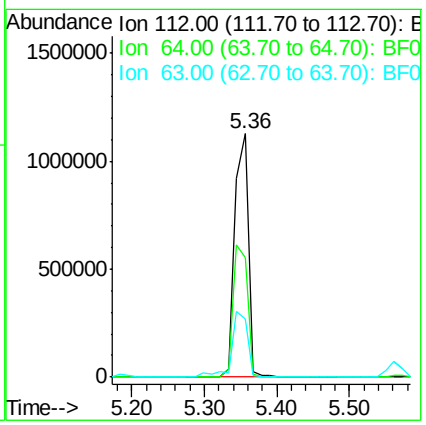


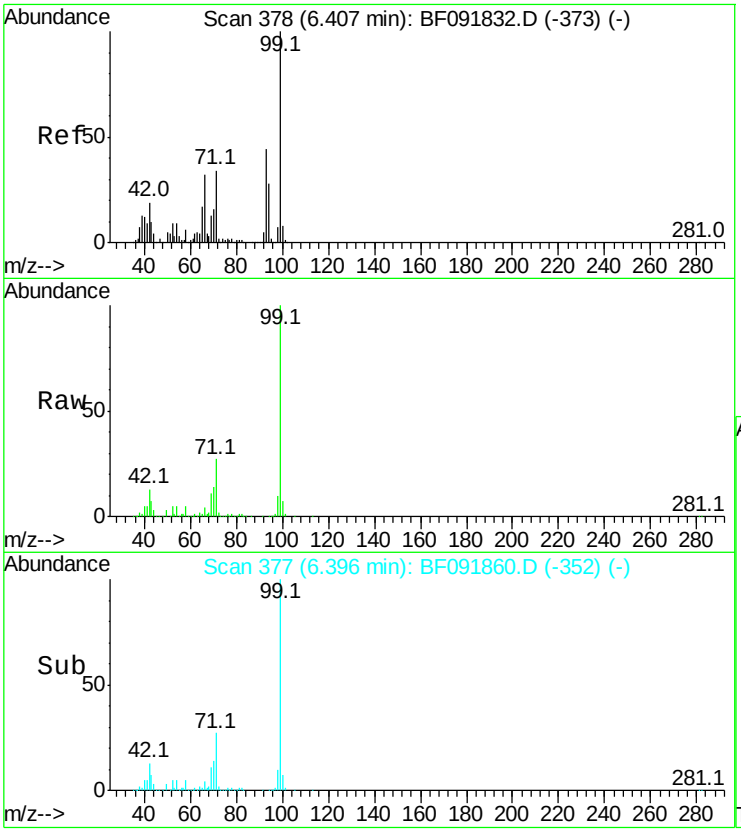


#5
2-Fluorophenol
Concen: 77.44 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:112 Resp: 1467973

Ion	Ratio	Lower	Upper
112	100		
64	49.2	46.1	69.1
63	24.0	23.8	35.6



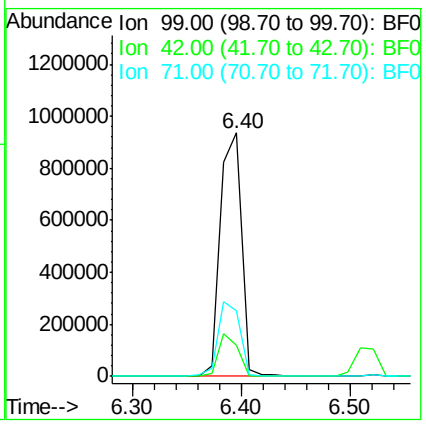


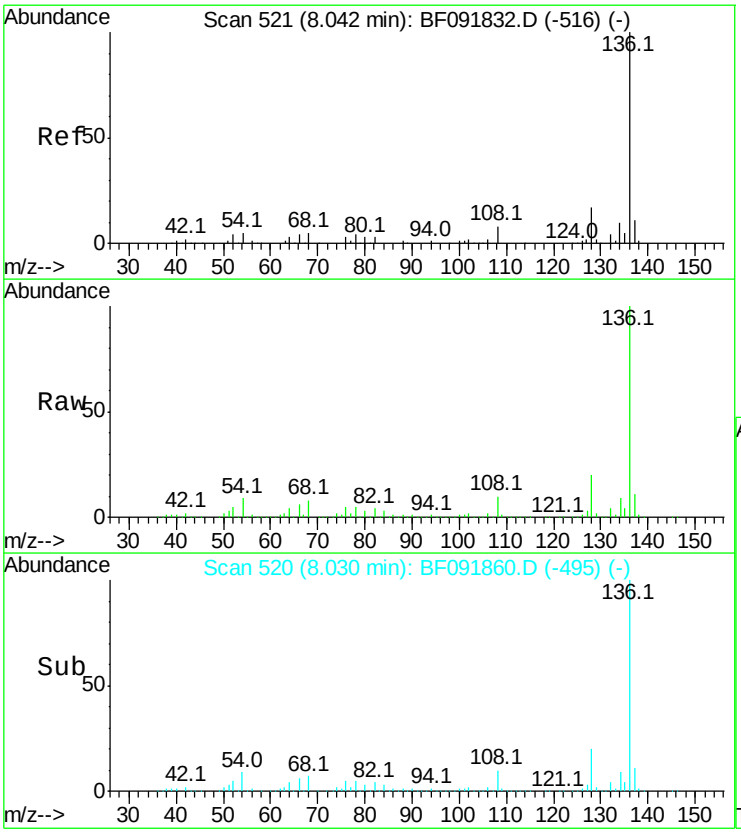
#7
Phenol-d6
Concen: 54.73 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 99 Resp: 1266510

Ion	Ratio	Lower	Upper
99	100		
42	13.0	15.6	23.4#
71	26.8	27.5	41.3#

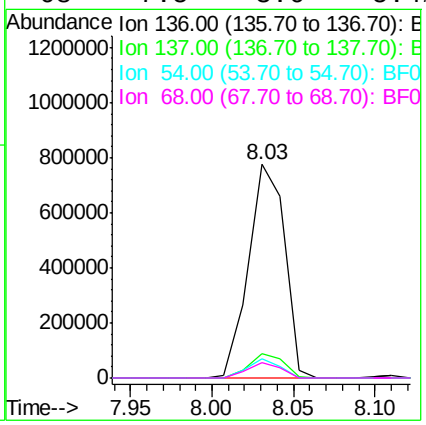


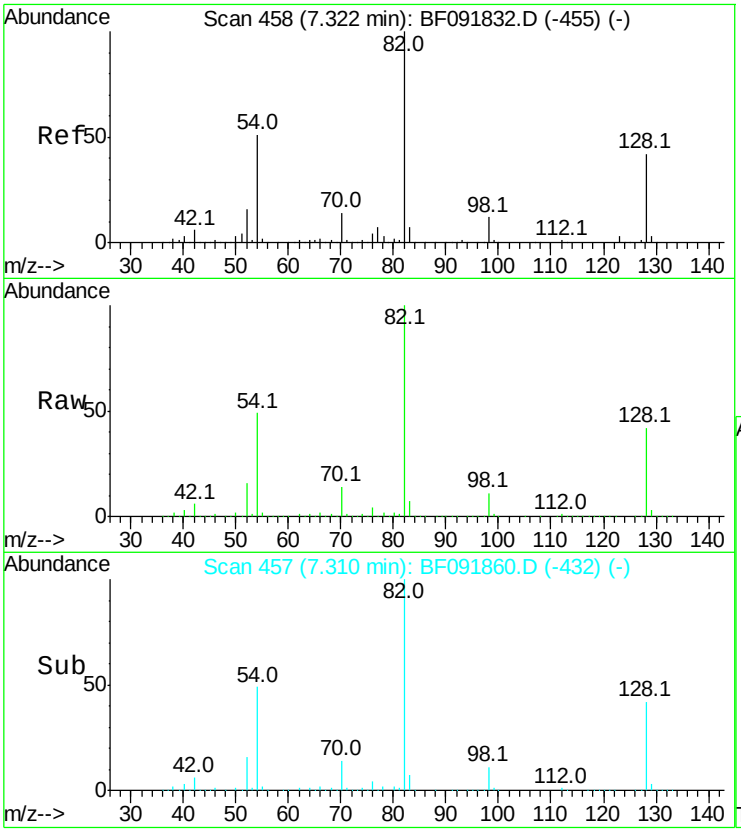


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:136 Resp: 1192589

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.0	4.5	6.7#
68	7.5	3.6	5.4#



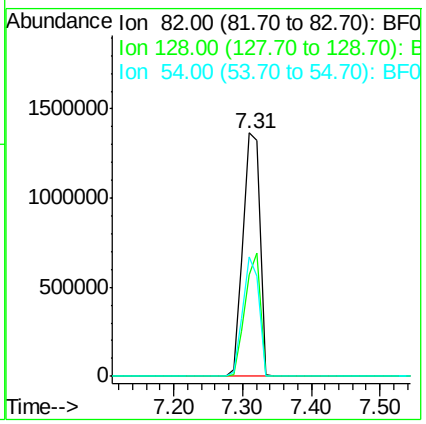


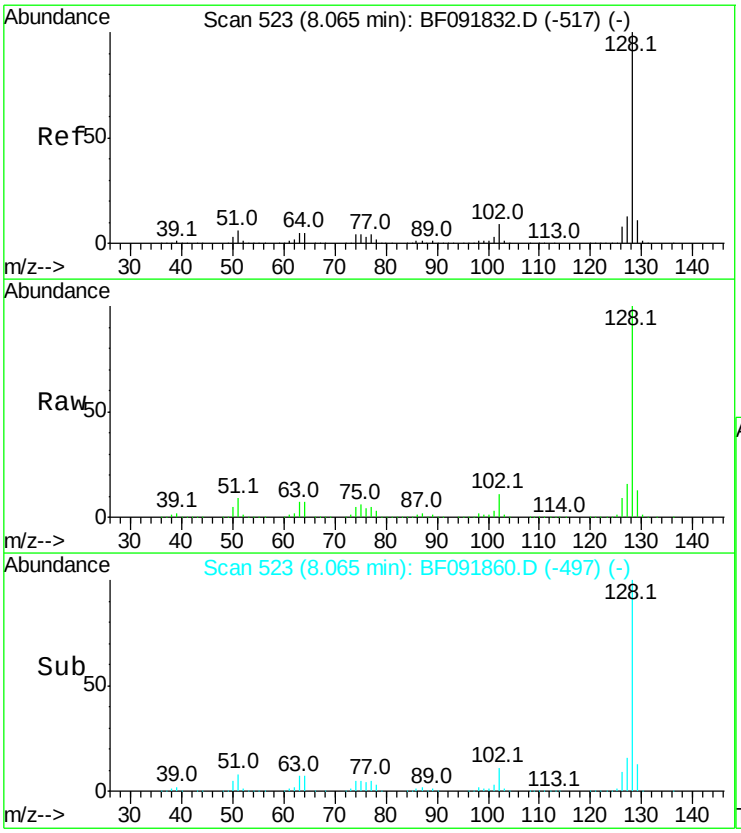
#23
Nitrobenzene-d5
Concen: 109.04 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 82 Resp: 2338614

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	49.2	39.5	59.3

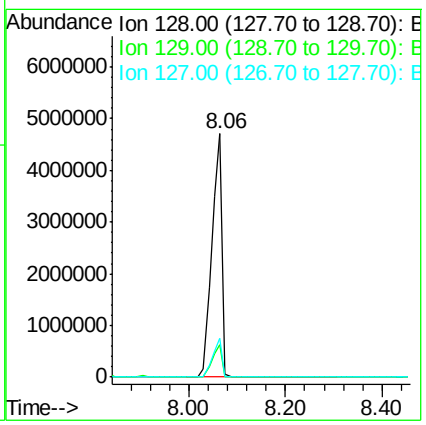


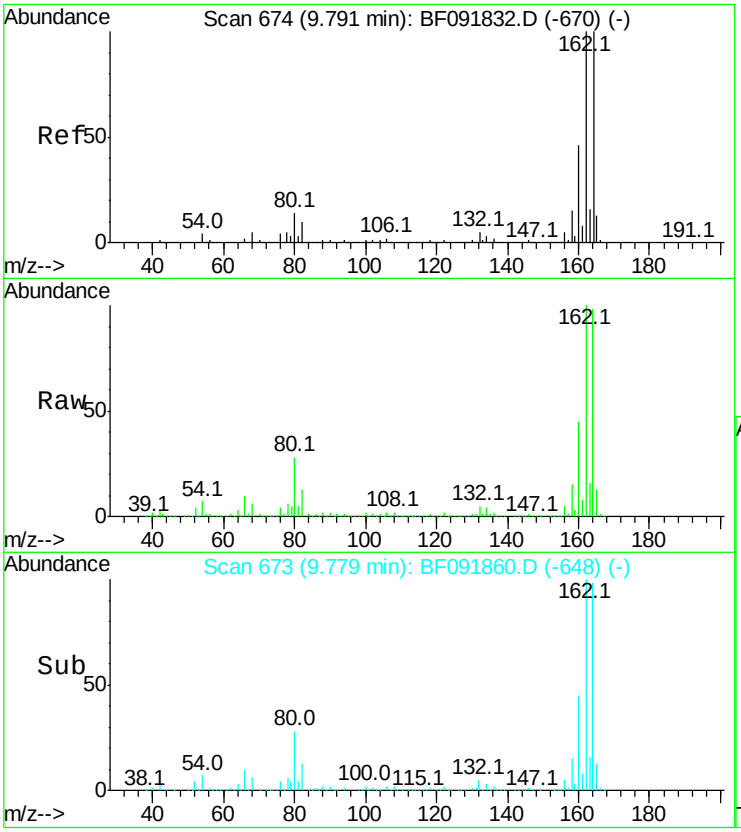


#31
Naphthalene
Concen: 128.77 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:128 Resp: 7028473

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.5	14.3
127	15.8	10.8	16.2



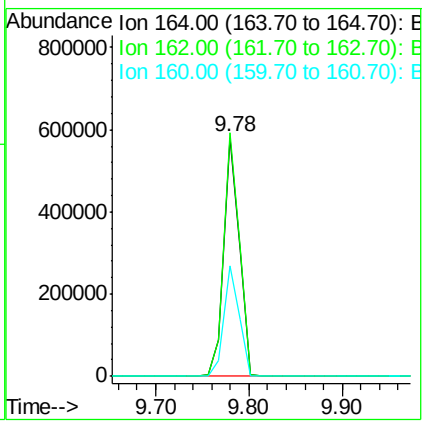


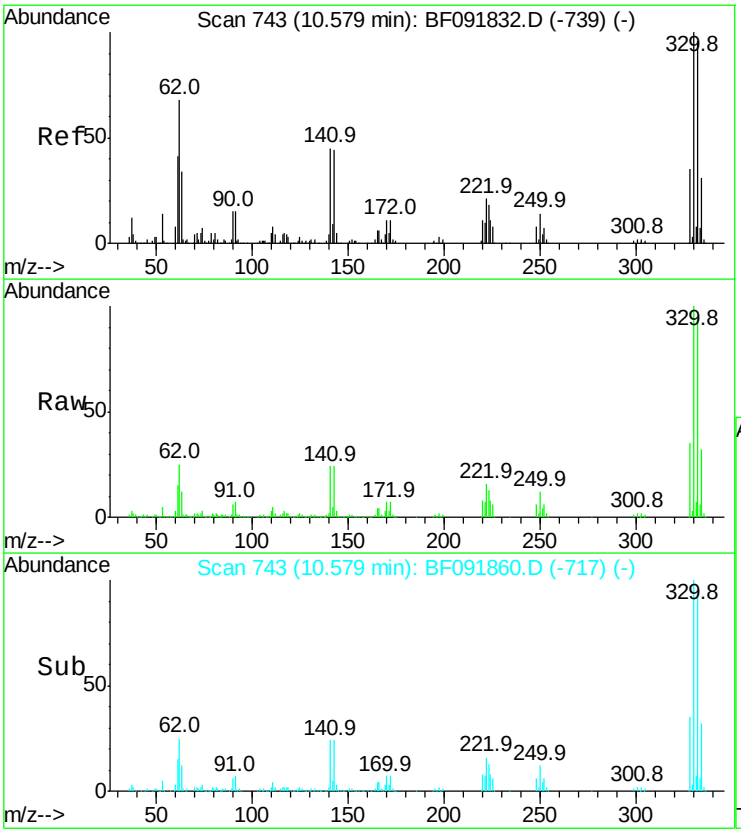
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:164 Resp: 678314

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	46.1	36.9	55.3

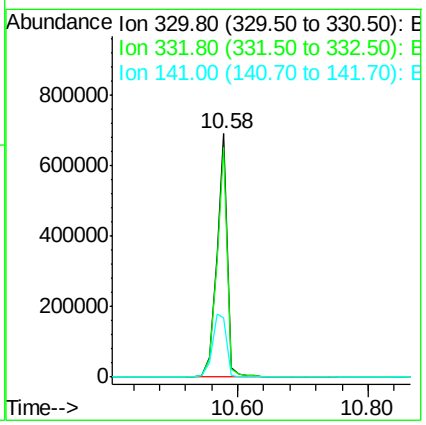


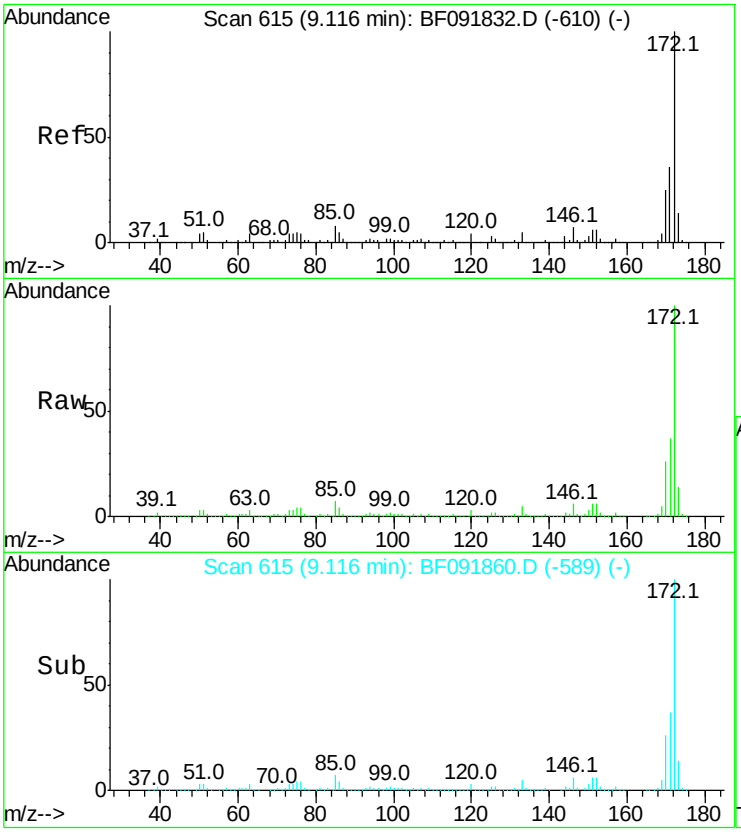


#41
2,4,6-Tribromophenol
Concen: 140.78 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:330 Resp: 790302

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	35.4	34.1	51.1



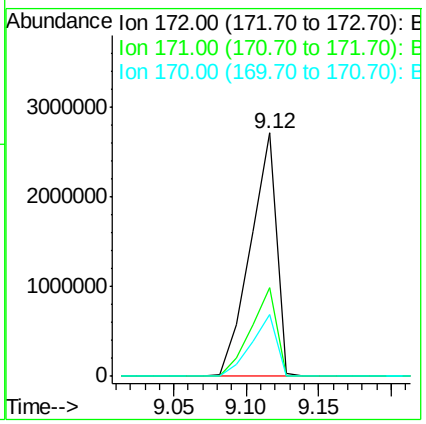


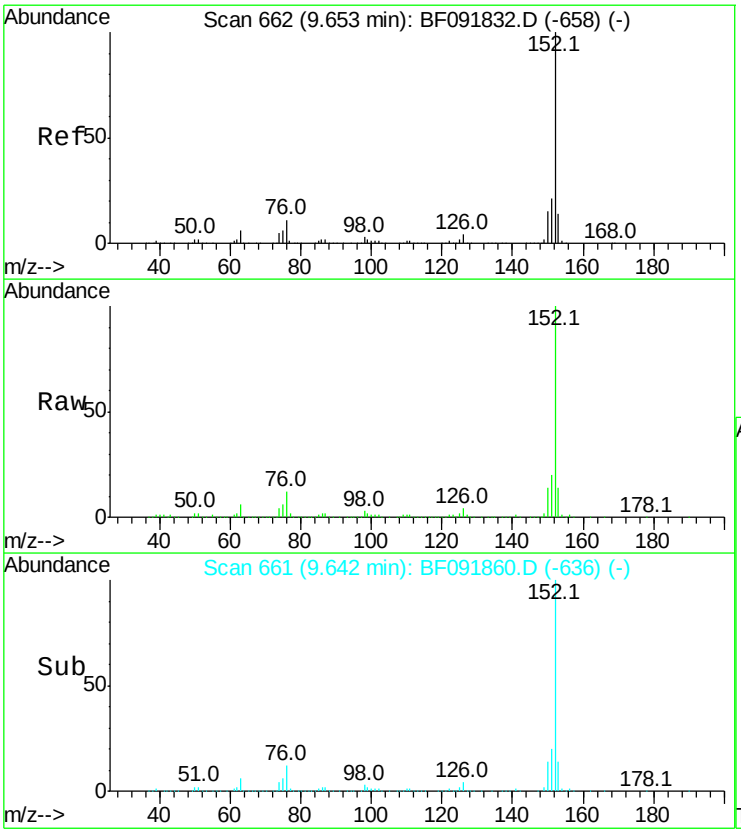
#44
2-Fluorobiphenyl
Concen: 106.26 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:172 Resp: 3410965

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.5	20.2	30.4

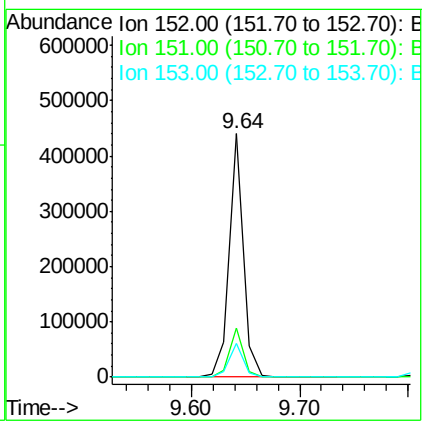


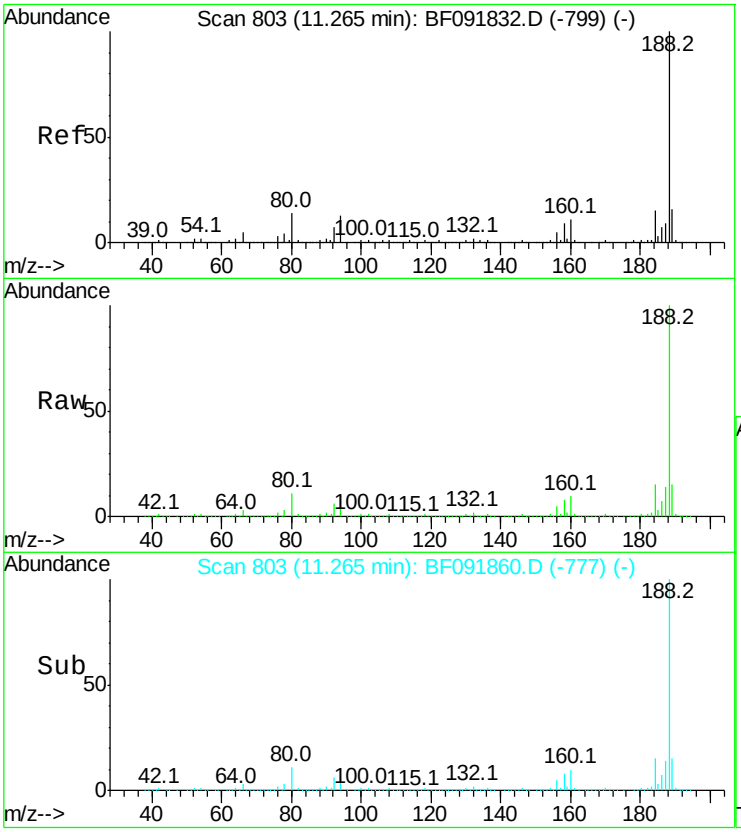


#48
Acenaphthylene
Concen: 6.93 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:152 Resp: 392026

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.6	11.4	17.2



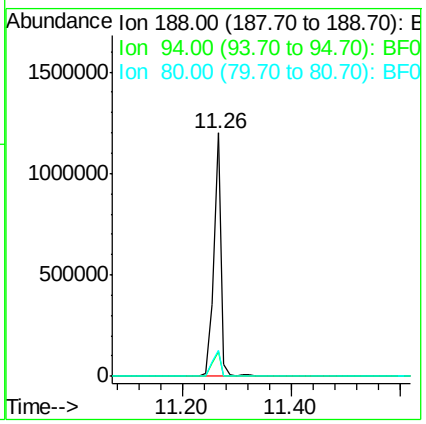


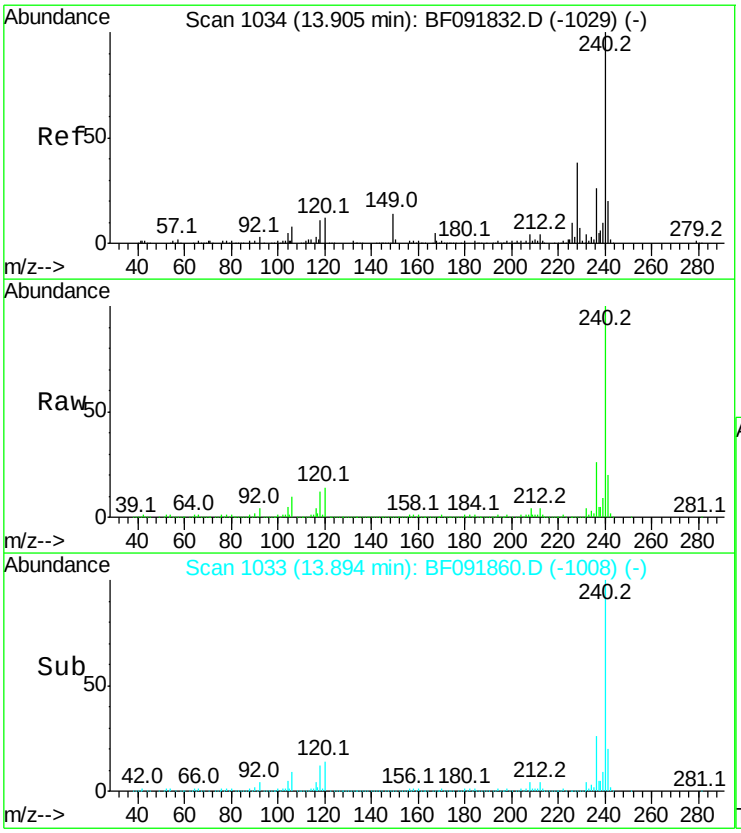
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:188 Resp: 1142706

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.0	15.0
80	10.6	11.2	16.8#

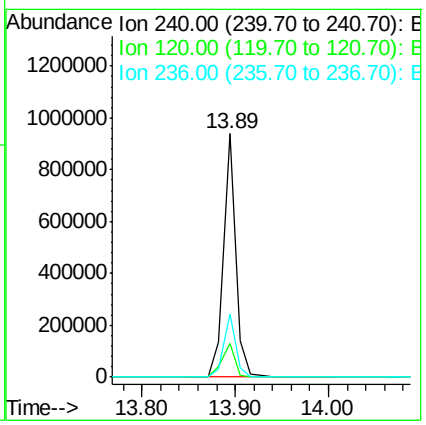


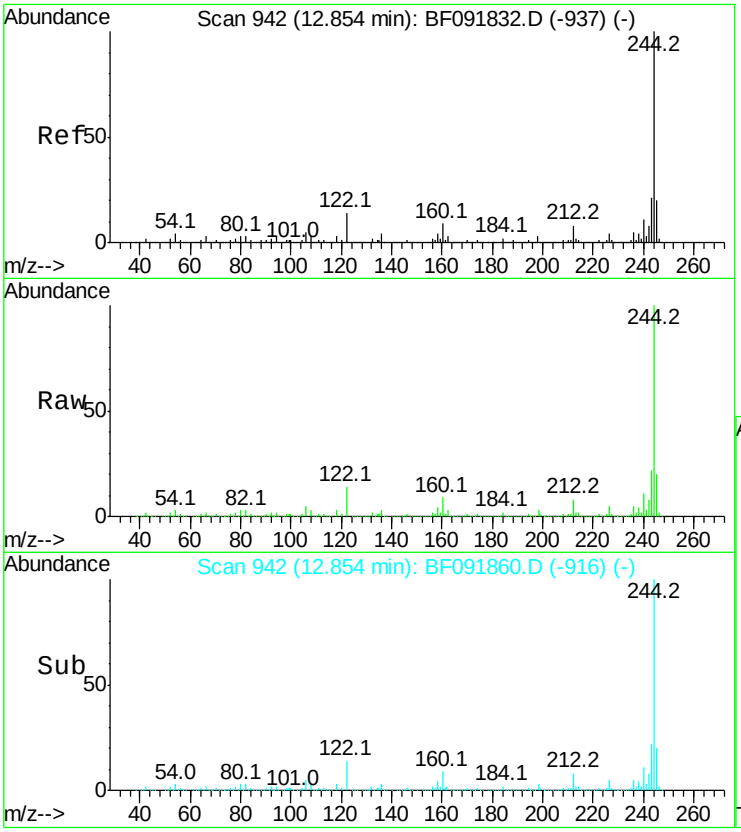


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:240 Resp: 854236

Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.8	20.9	31.3



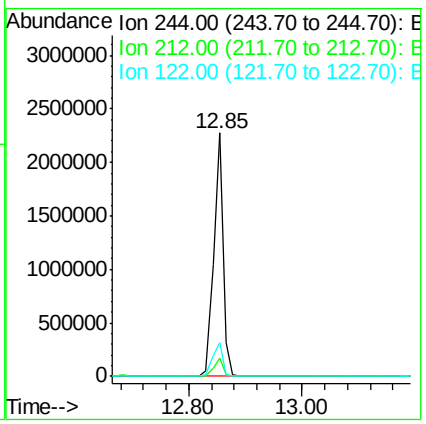


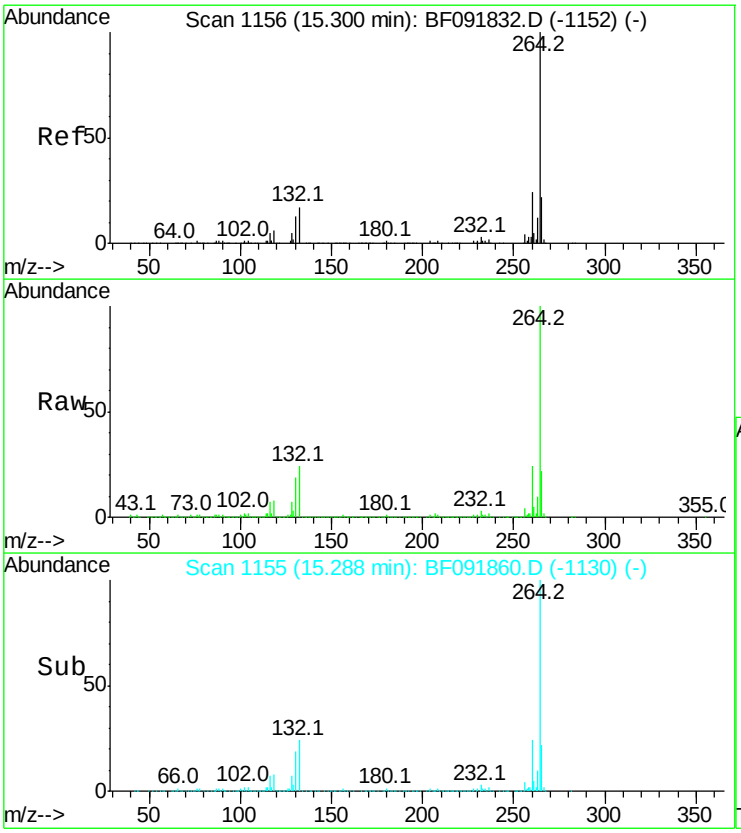
#78
Terphenyl-d14
Concen: 72.76 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:244 Resp: 2562930

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091860.D
Acq: 22 Dec 2016 3:29

Tgt Ion:264 Resp: 665592

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.4	26.0