Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091855.D
Acq On : 22 Dec 2016 1:13
Operator : UM/SJ
Sample : H6156-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-101

Quant Time: Dec 22 03:47:02 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	6.74	152	319350	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1347963	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	659707	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1102847	20.00	ng	0.00
75) Chrysene-d12	13.89	240	881650	20.00	ng	-0.01
86) Perylene-d12	15.29	264	701366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1372649	71.77	ng	0.00
7) Phenol-d6	6.38	99	1070806	45.86	ng	-0.02
23) Nitrobenzene-d5	7.31	82	2351128	96.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	811585	148.65	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3560361	115.15	ng	0.00
78) Terphenyl-d14	12.85	244	2563778	70.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	123619	2.93	ng	99
51) Acenaphthene	9.81	154	441860	11.85	ng	99

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

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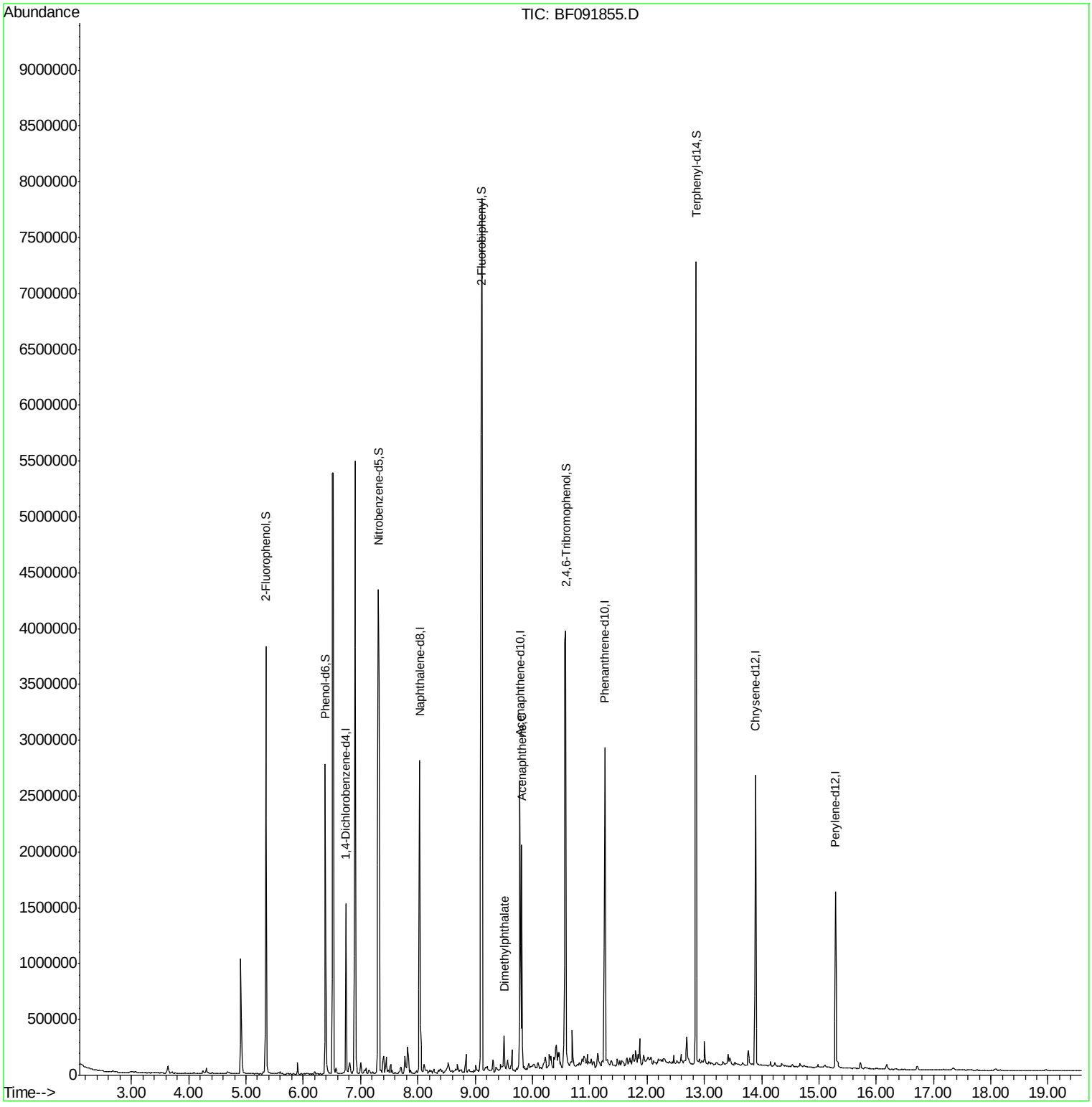
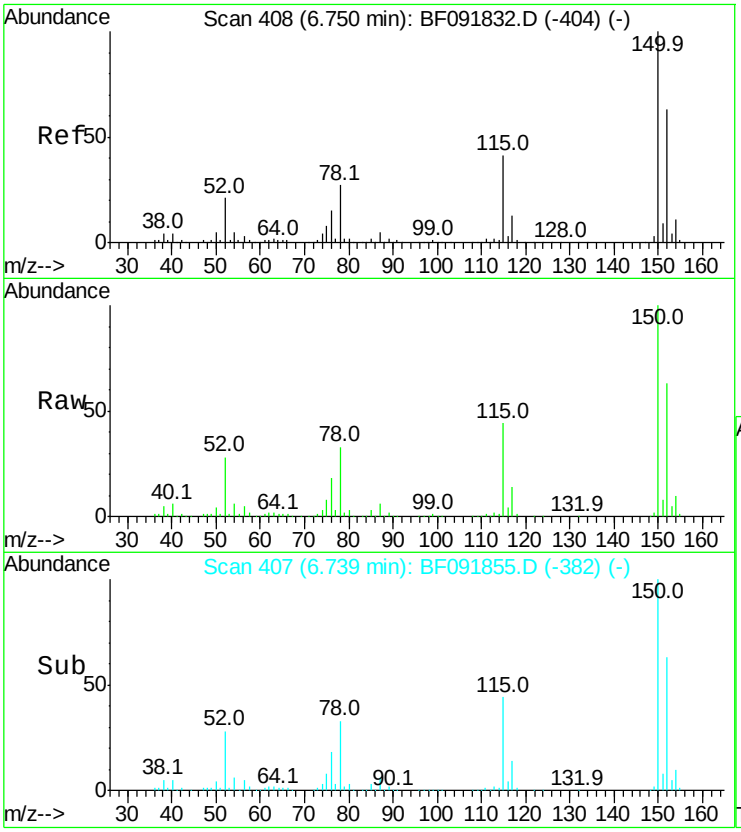


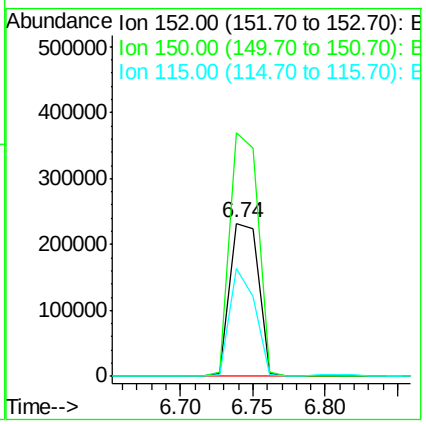


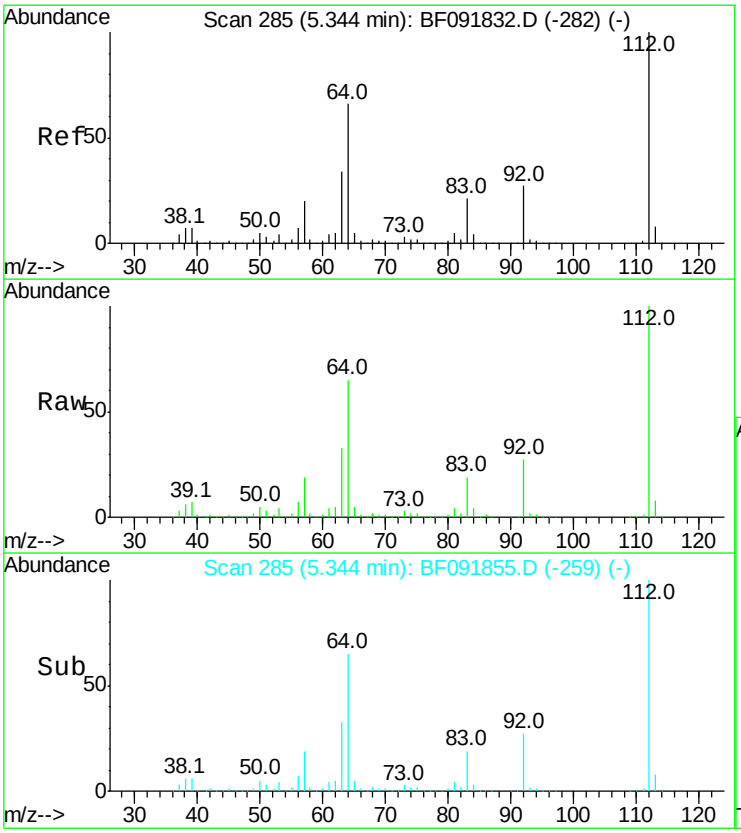
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:152 Resp: 319350

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	70.7	46.0	69.0#

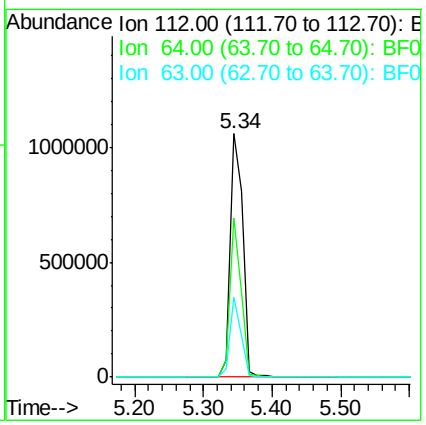


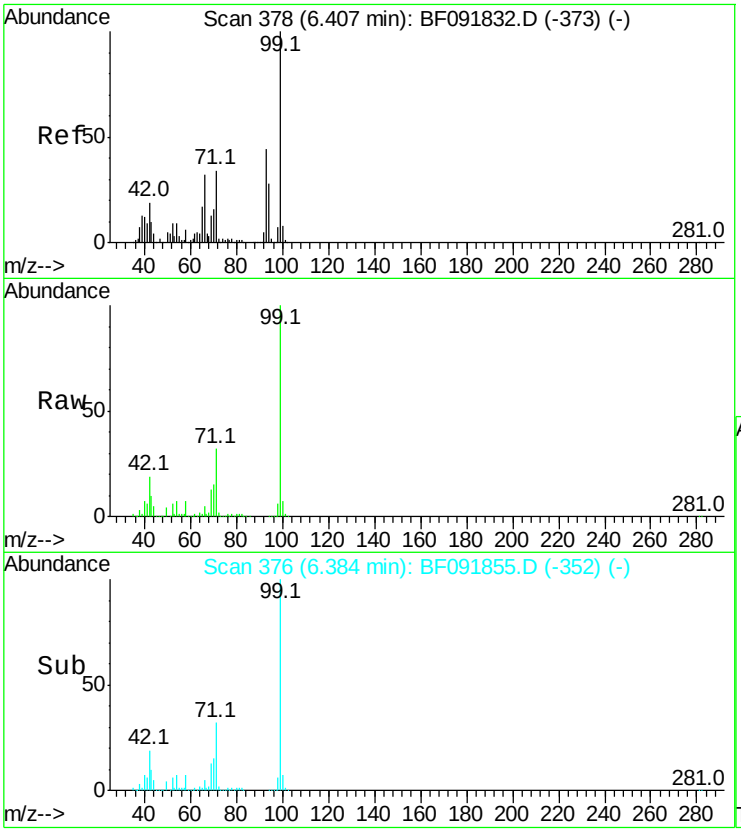


#5
2-Fluorophenol
Concen: 71.77 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:112 Resp: 1372649

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	32.5	23.8	35.6



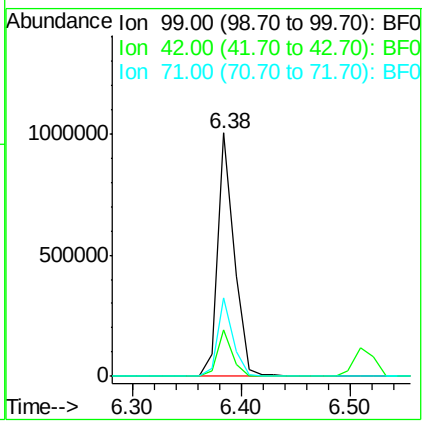


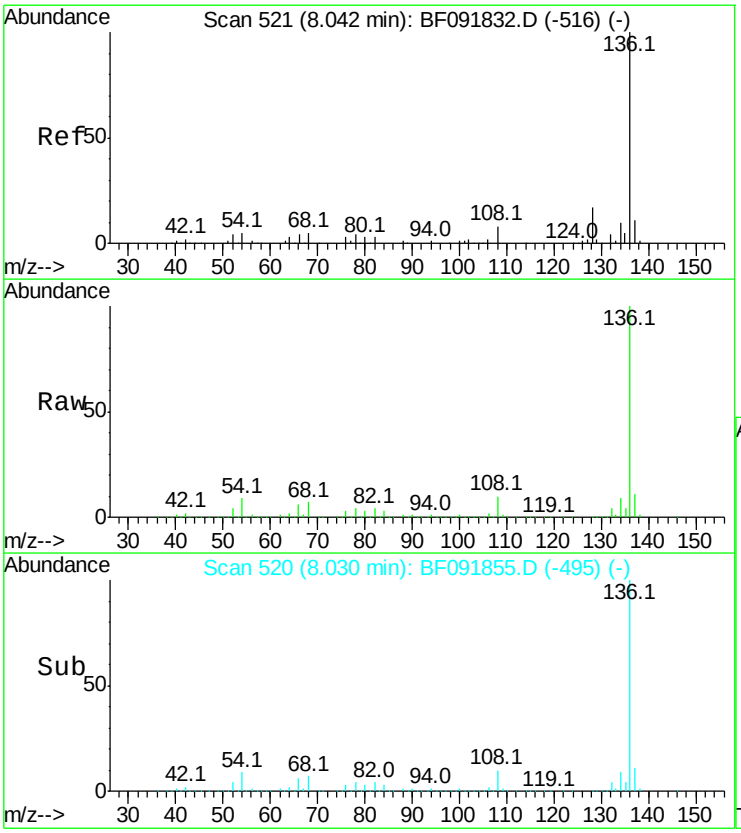
#7
Phenol-d6
Concen: 45.86 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion: 99 Resp: 1070806

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	32.1	27.5	41.3

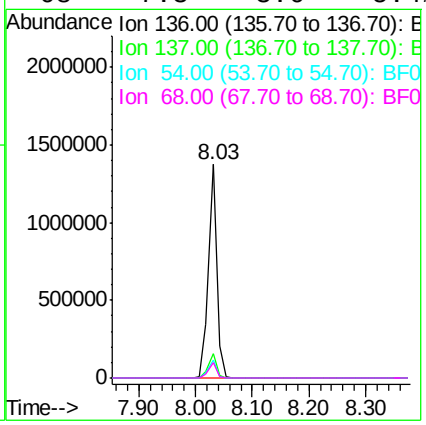


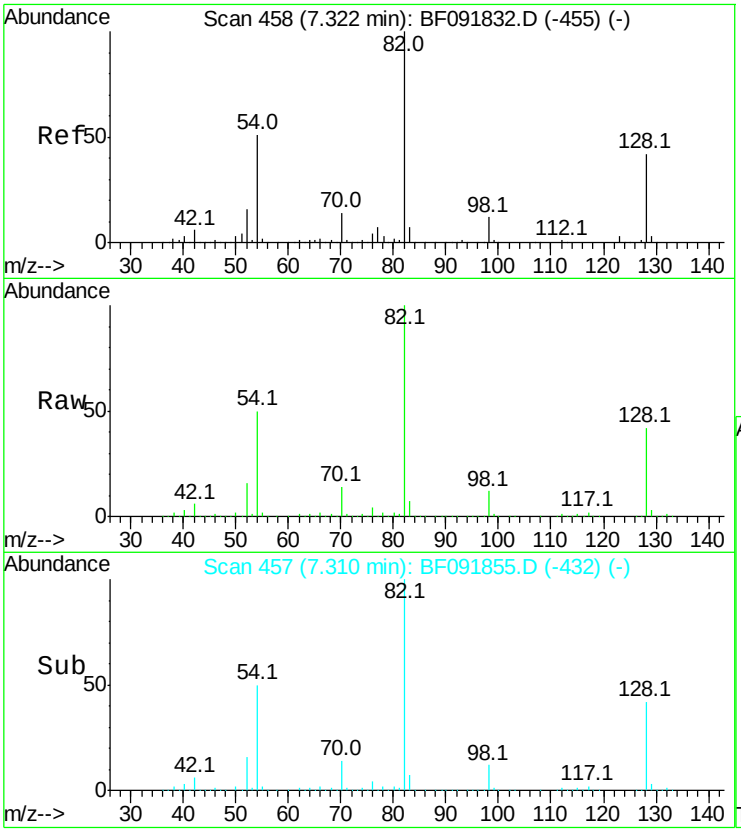


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:136 Resp: 1347963

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.5	4.5	6.7#
68	7.3	3.6	5.4#



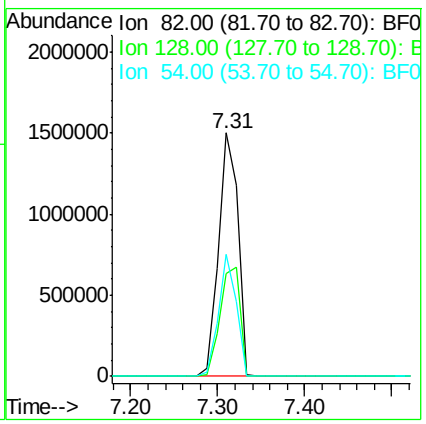


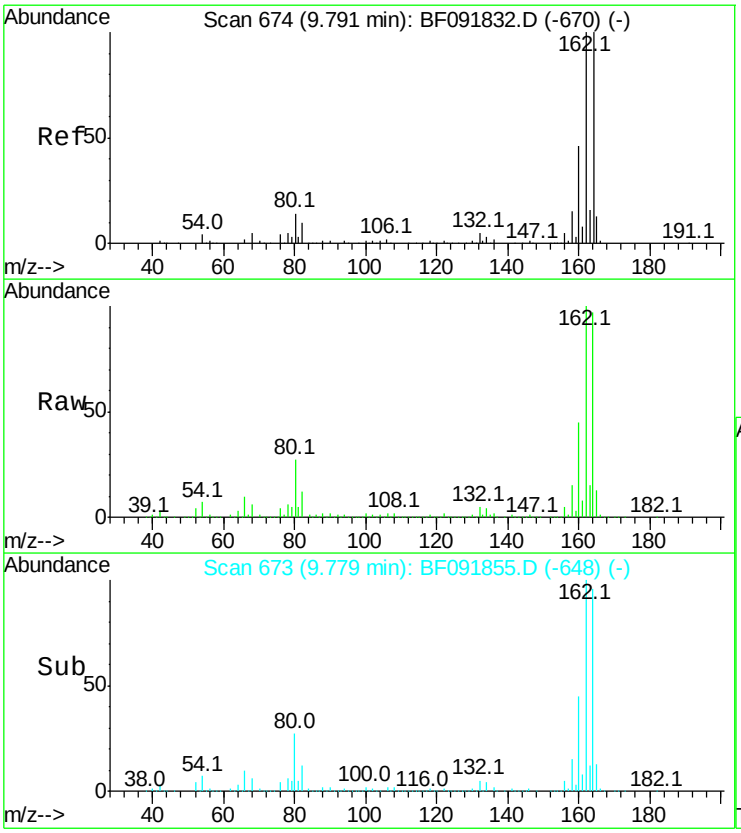
#23
Nitrobenzene-d5
Concen: 96.99 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion: 82 Resp: 2351128

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	50.1	39.5	59.3

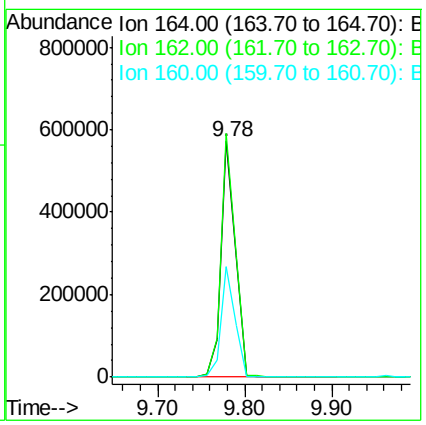


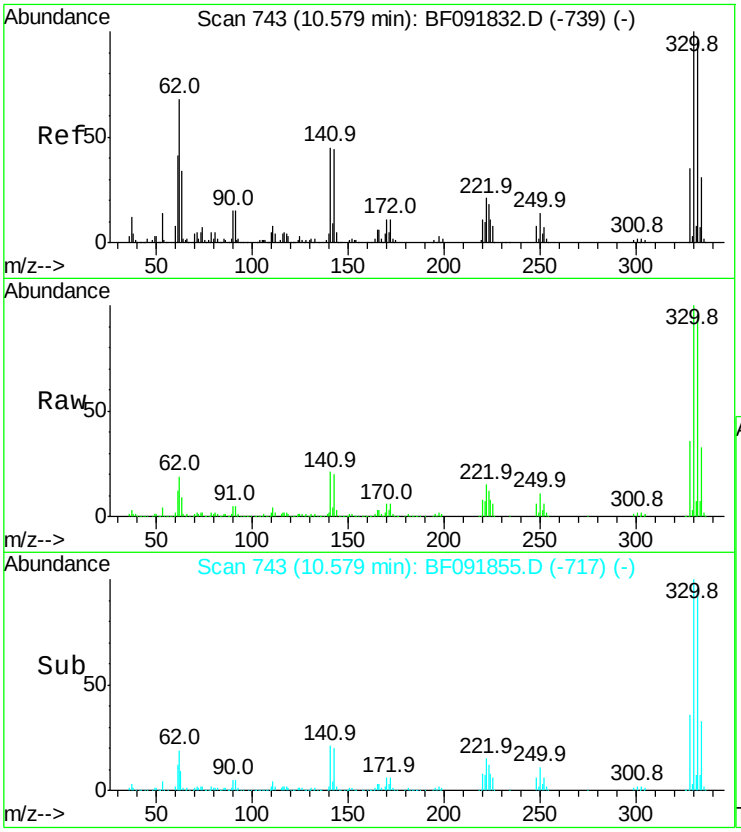


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:164 Resp: 659707

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	46.8	36.9	55.3



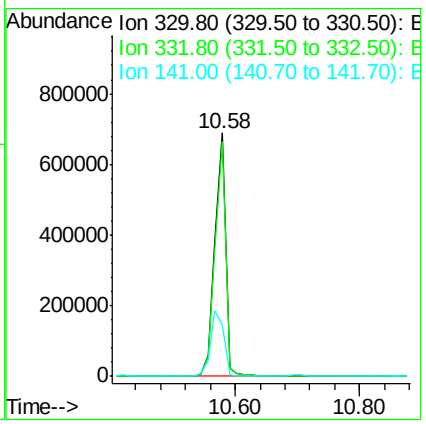


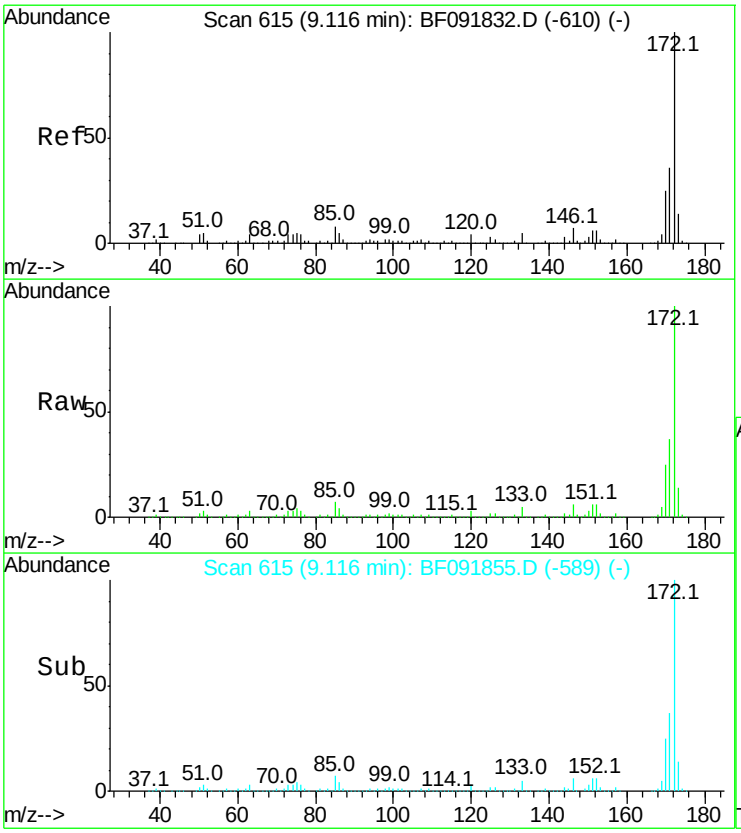
#41
2,4,6-Tribromophenol
Concen: 148.65 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:330 Resp: 811585

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	33.4	34.1	51.1#

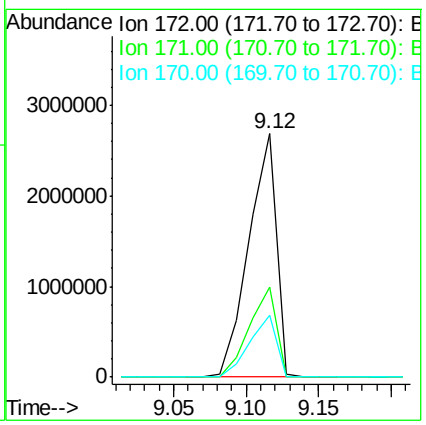


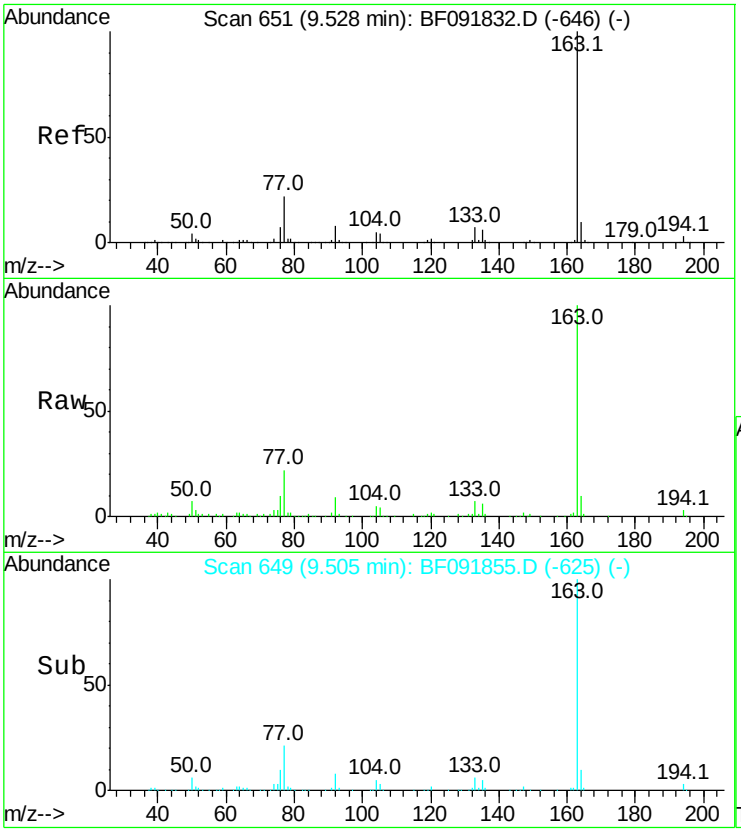


#44
2-Fluorobiphenyl
Concen: 115.15 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:172 Resp: 3560361

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.4	20.2	30.4



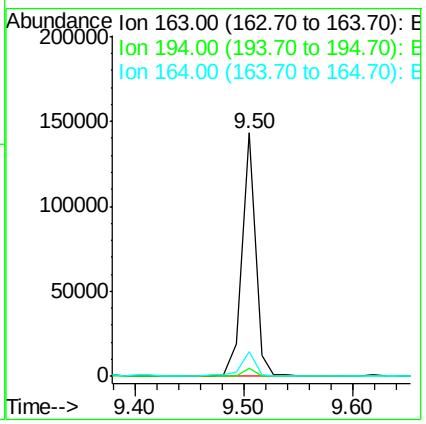


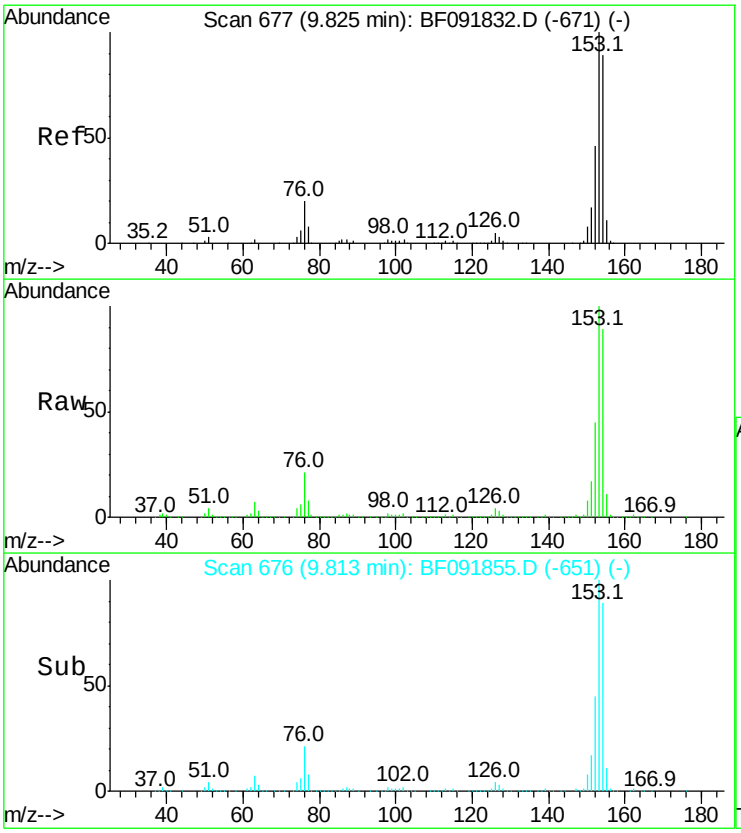
#49
Dimethylphthalate
Concen: 2.93 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:163 Resp: 123619

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.3	8.0	12.0

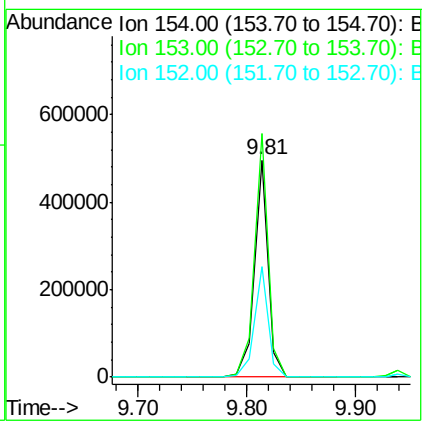


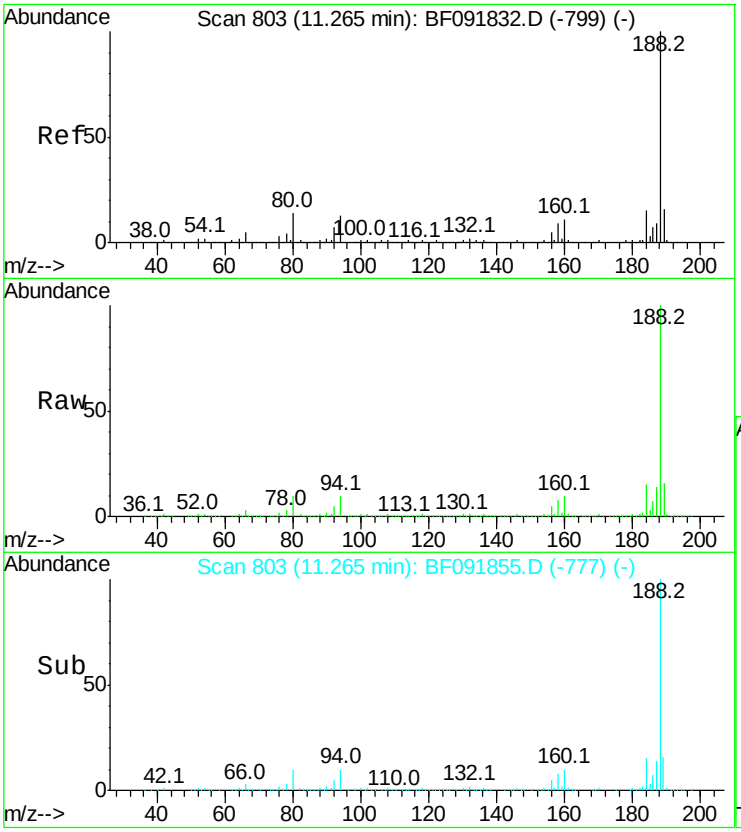


#51
Acenaphthene
Concen: 11.85 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:154 Resp: 441860

Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.6	133.0
152	50.6	41.6	62.4



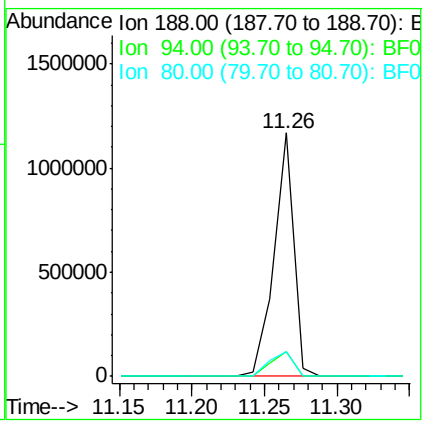


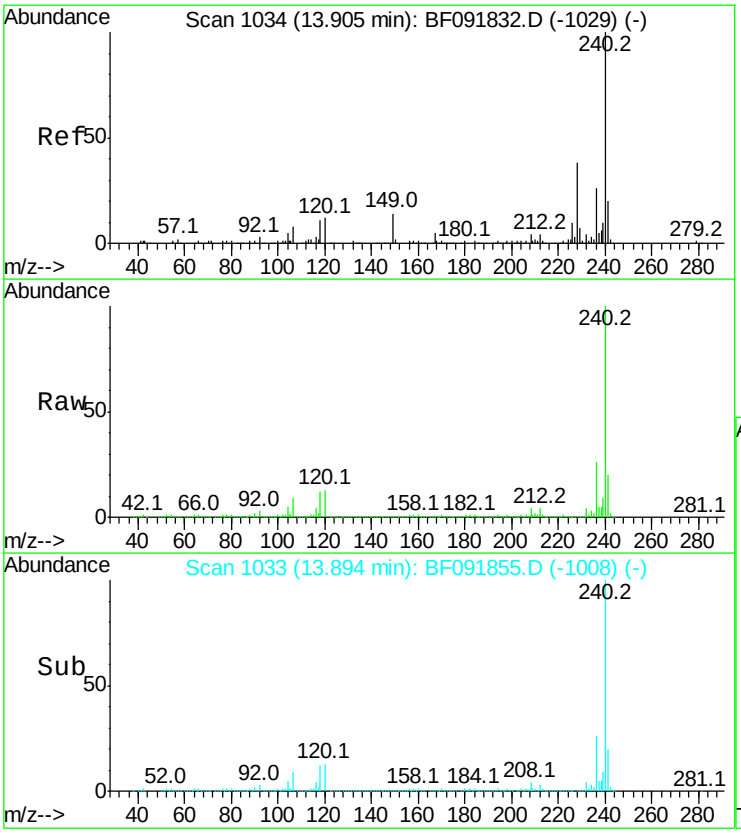
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:188 Resp: 1102847

Ion	Ratio	Lower	Upper
188	100		
94	9.9	10.0	15.0#
80	10.1	11.2	16.8#

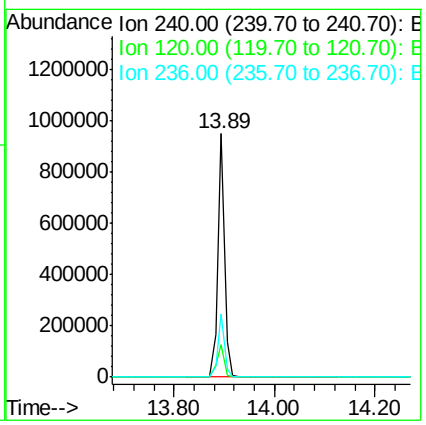


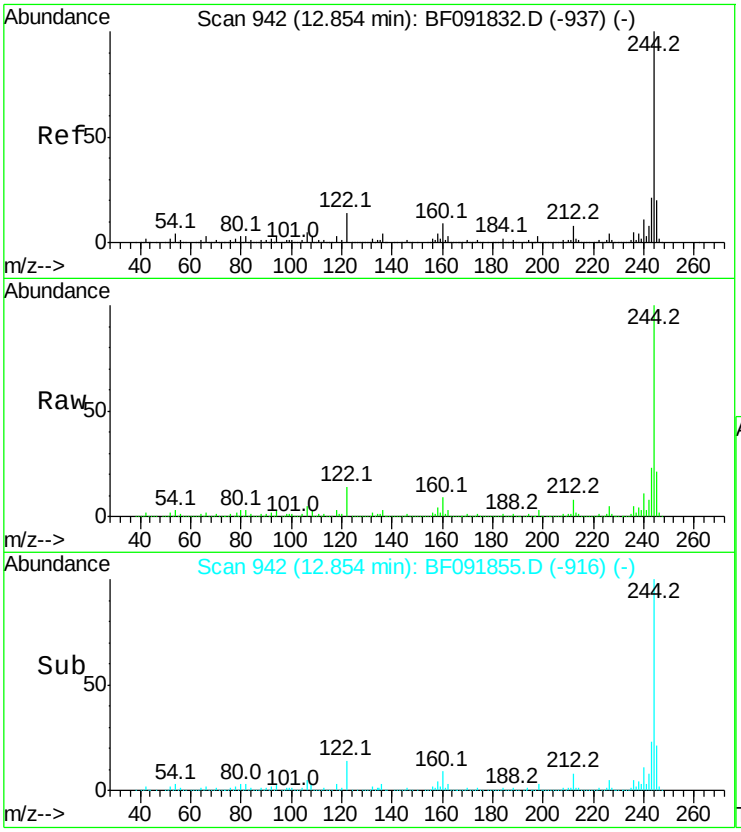


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:240 Resp: 881650

Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.9	19.3
236	25.9	20.9	31.3



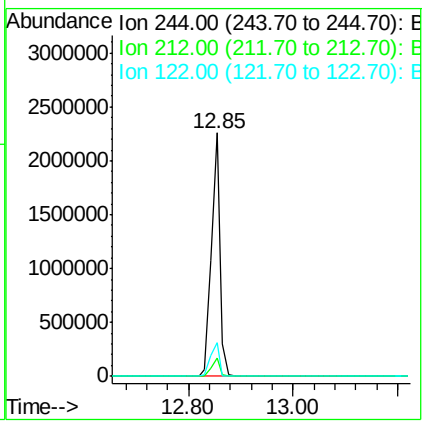


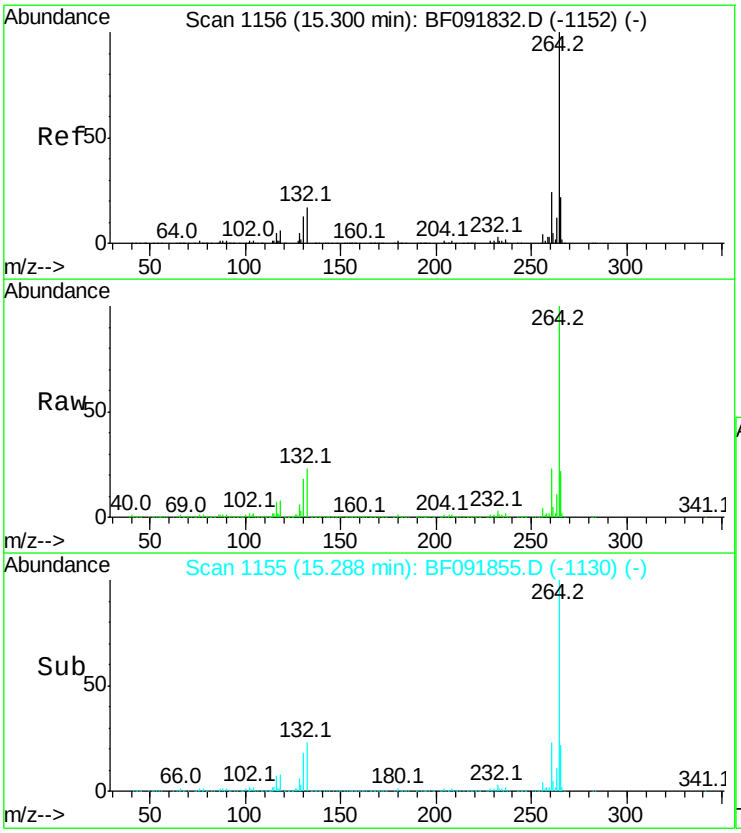
#78
Terphenyl-d14
Concen: 70.53 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091855.D
Acq: 22 Dec 2016 1:13

Instrument :
BNA_F
ClientSampleId :
MW-101

Tgt Ion:244 Resp: 2563778

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.1	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: BF091855.D
Acq: 22 Dec 2016 1:13

Tgt Ion:264 Resp: 701366

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.4	26.0