Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088854.D
Acq On : 9 Jul 2016 5:38
Operator : UM/SJ
Sample : H3813-28 50X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 09 06:16:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	73247	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	275748	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	133120	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	243008	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	137743	20.00	ng	-0.01
86) Perylene-d12	15.23	264	140878	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	540	0.11	ng	-0.01
7) Phenol-d6	6.36	99	850	0.13	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1295	0.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	388	0.31	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	3458	0.41	ng	-0.01
78) Terphenyl-d14	12.81	244	2269	0.37	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.76	165	17145	8.16	ng	# 39
56) 2,4-Dinitrotoluene	9.76	165	17145	6.24	ng	# 37

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

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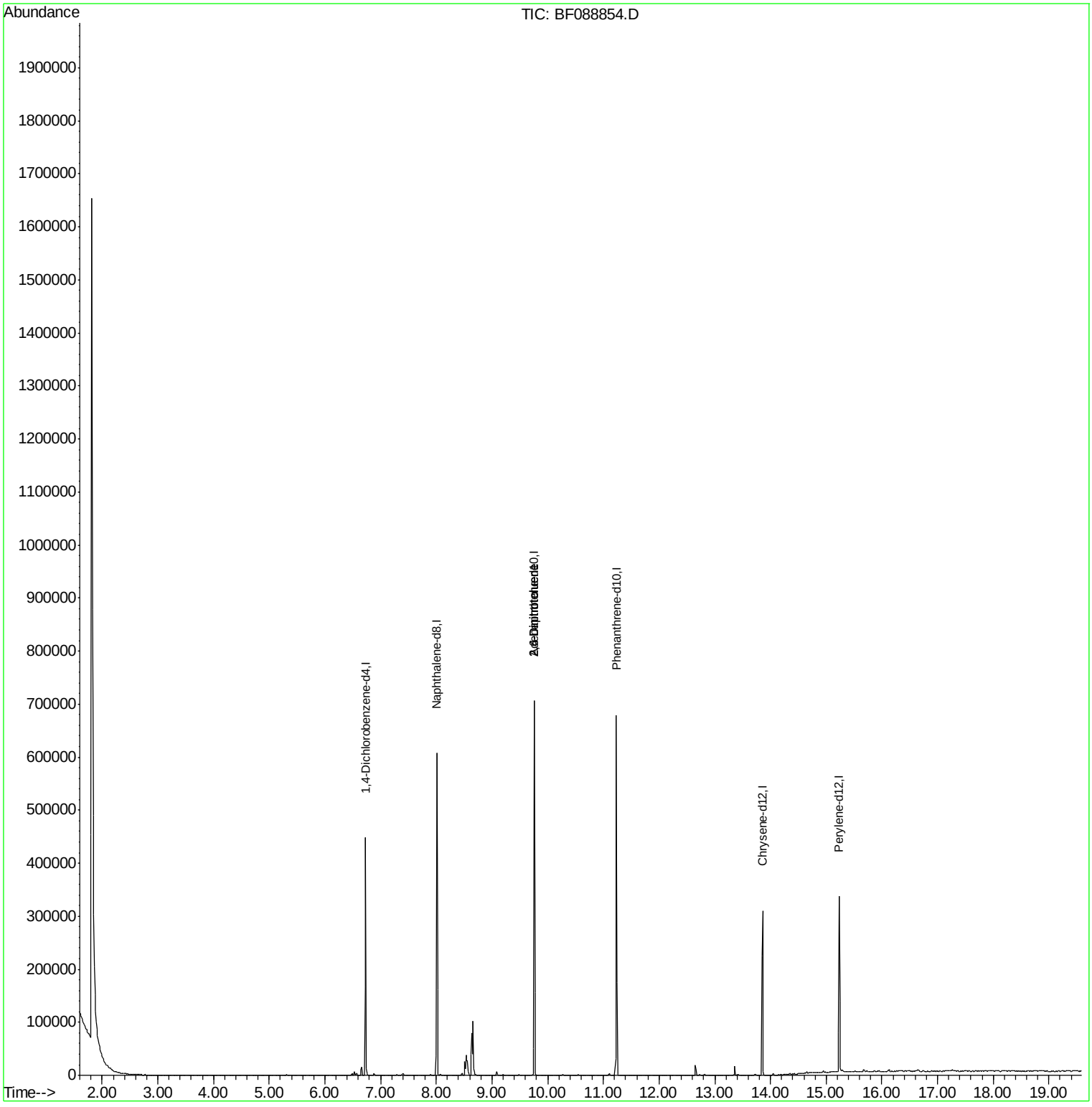
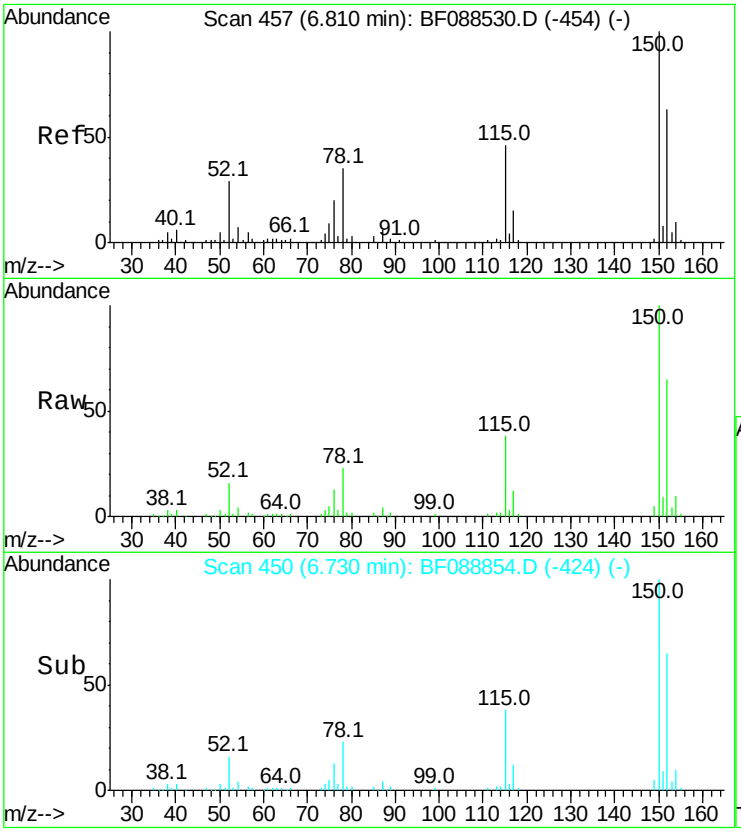


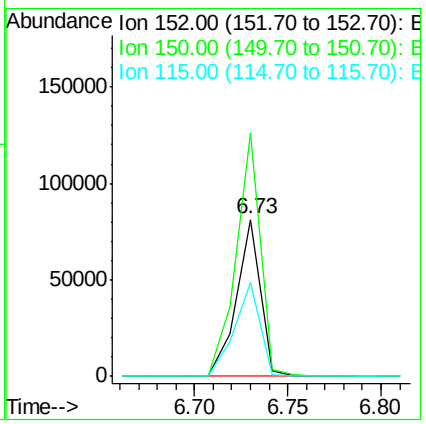


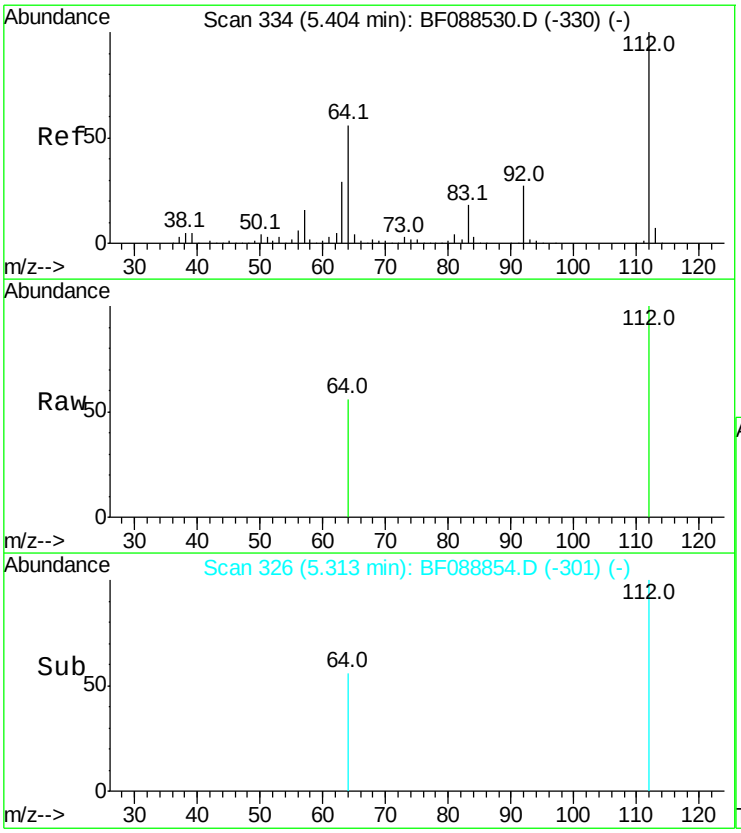
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73247

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	59.6	39.6	59.4#

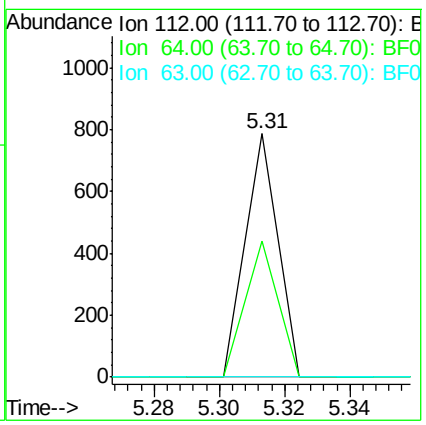


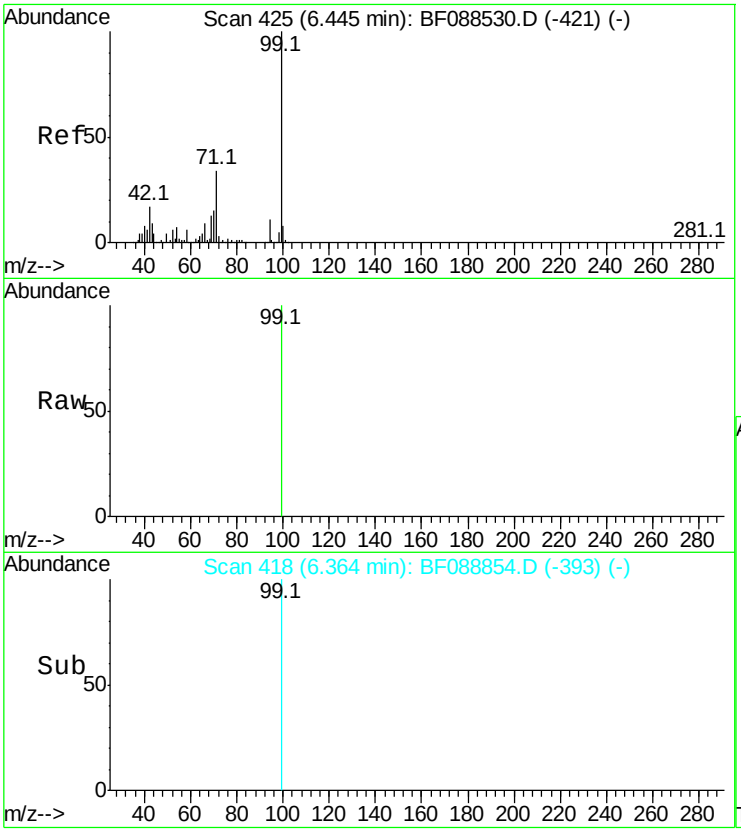


#5
2-Fluorophenol
Concen: 0.11 ng
RT: 5.31 min Scan# 326
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:112 Resp: 540

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.2	63.2
63	0.0	21.8	32.8#



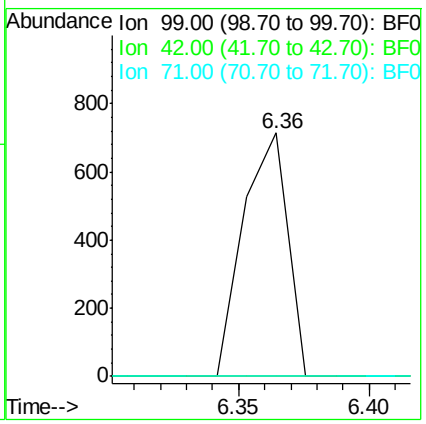


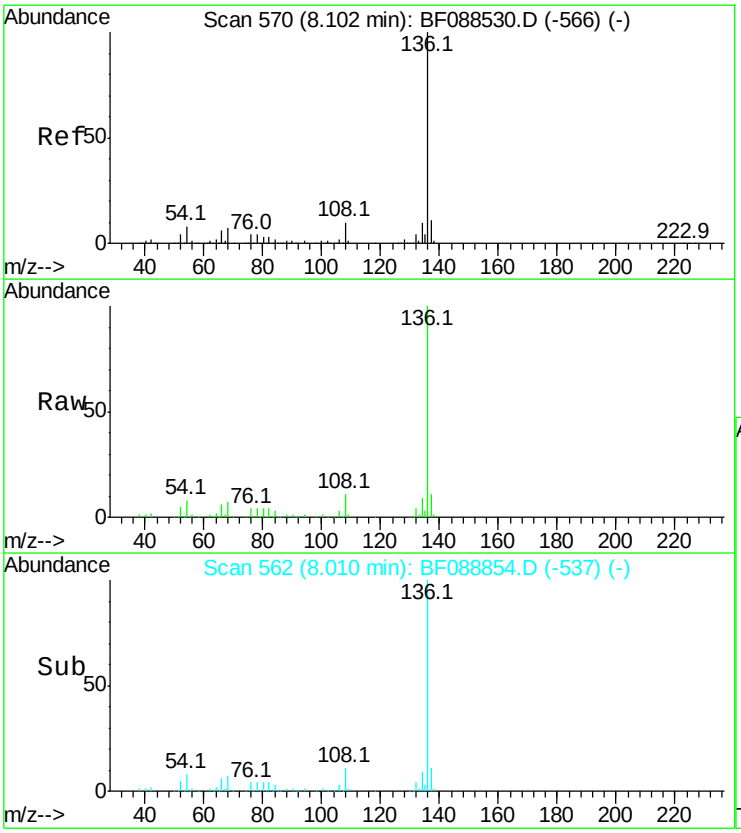
#7
Phenol-d6
Concen: 0.13 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 850

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	0.0	23.4	35.0#

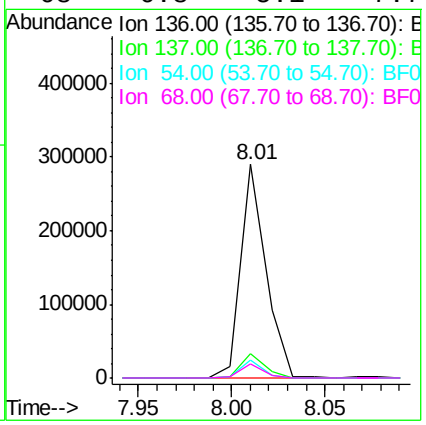


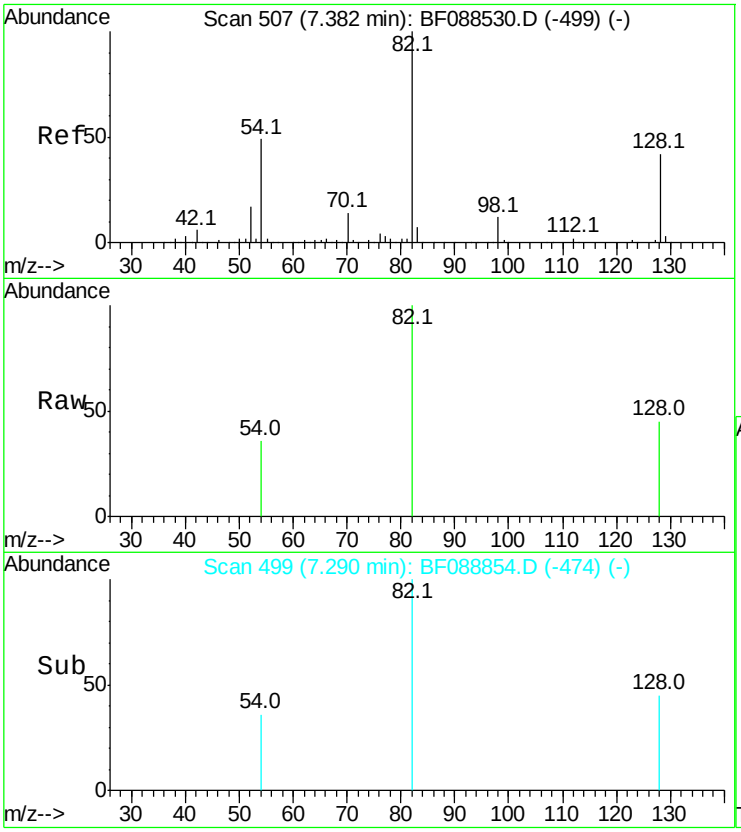


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:136 Resp: 275748

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	6.6	10.0
68	6.8	5.1	7.7



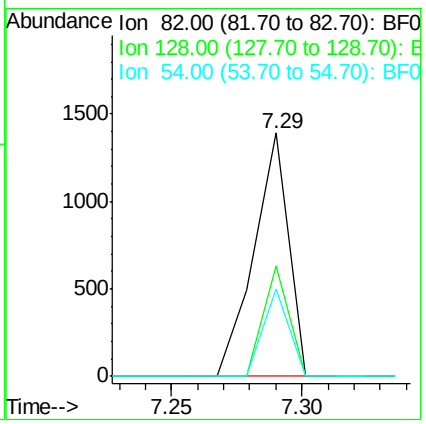


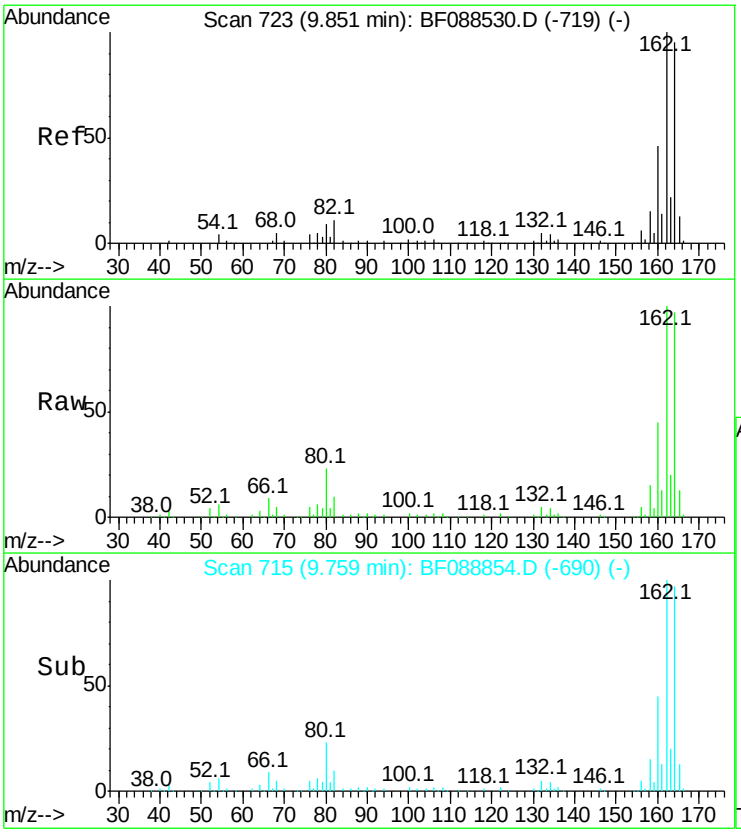
#23
Nitrobenzene-d5
Concen: 0.25 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1295

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.9	53.9
54	36.0	40.9	61.3#

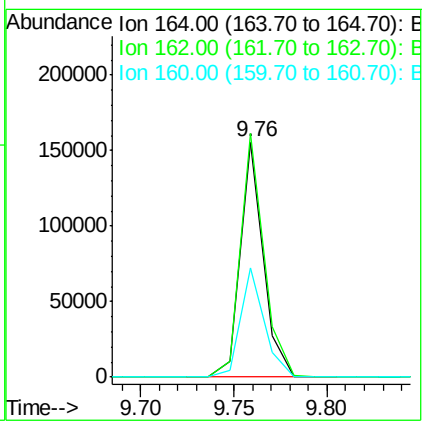


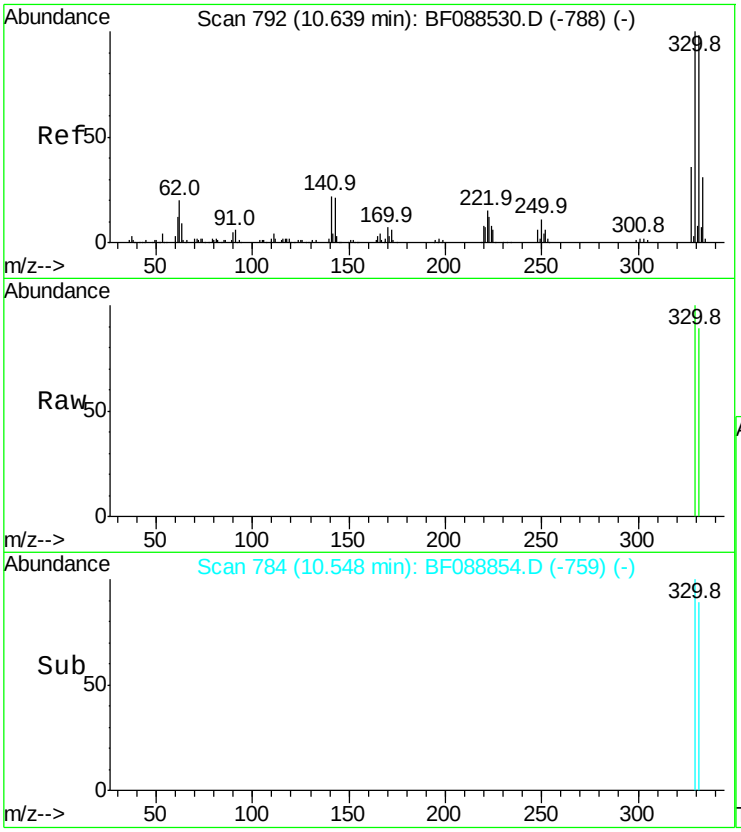


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:164 Resp: 133120

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	46.5	39.5	59.3



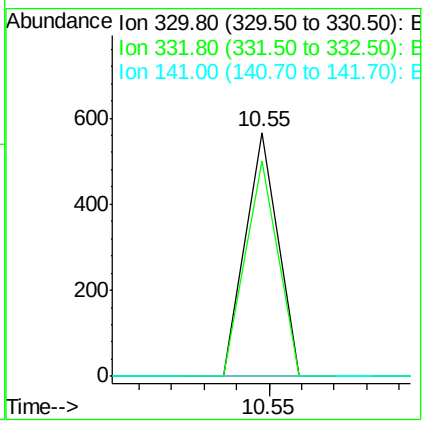


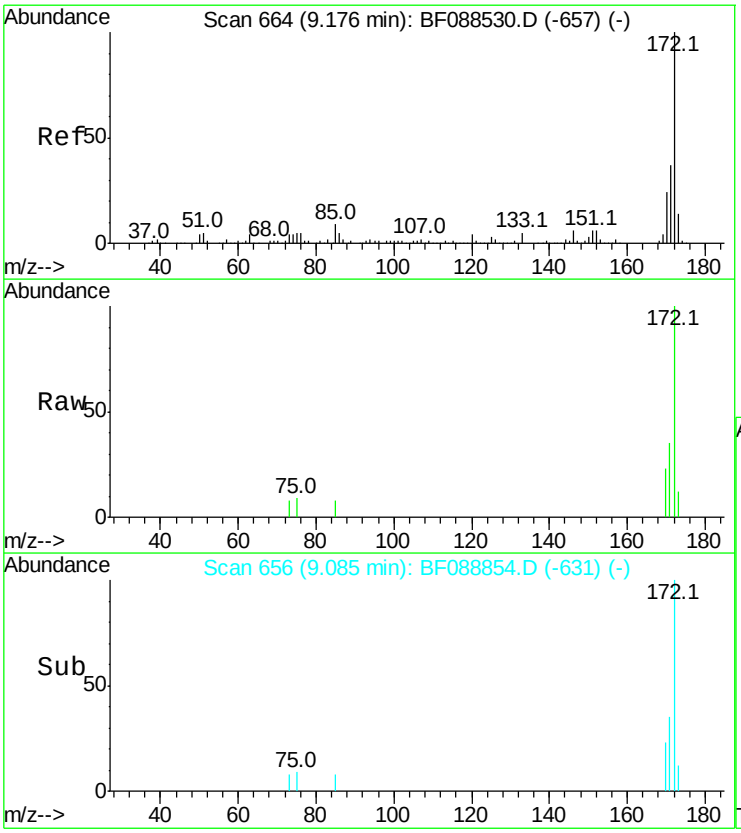
#41
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 388

Ion	Ratio	Lower	Upper
330	100		
332	88.7	0.0	0.0#
141	0.0	0.0	0.0

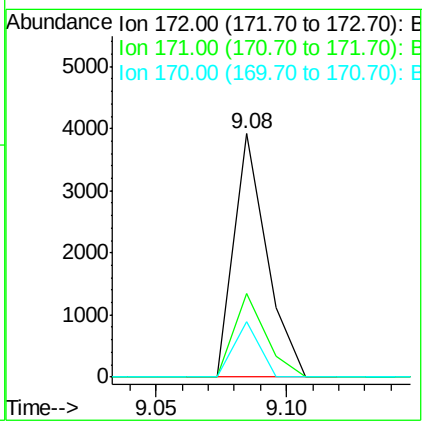


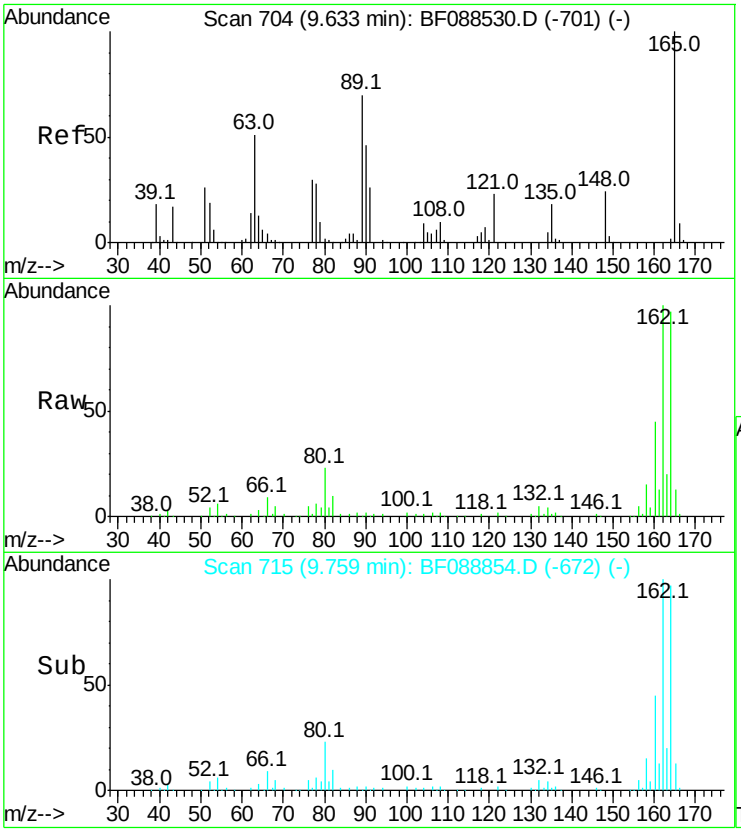


#44
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:172 Resp: 3458

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	43.0
170	22.7	19.2	28.8



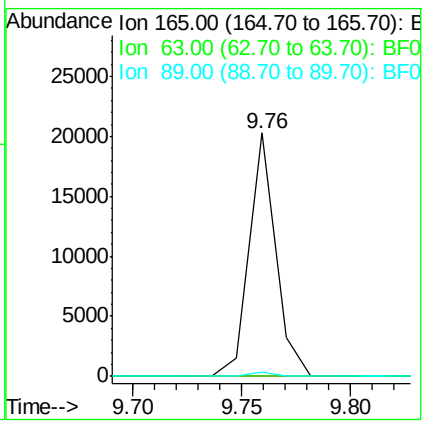


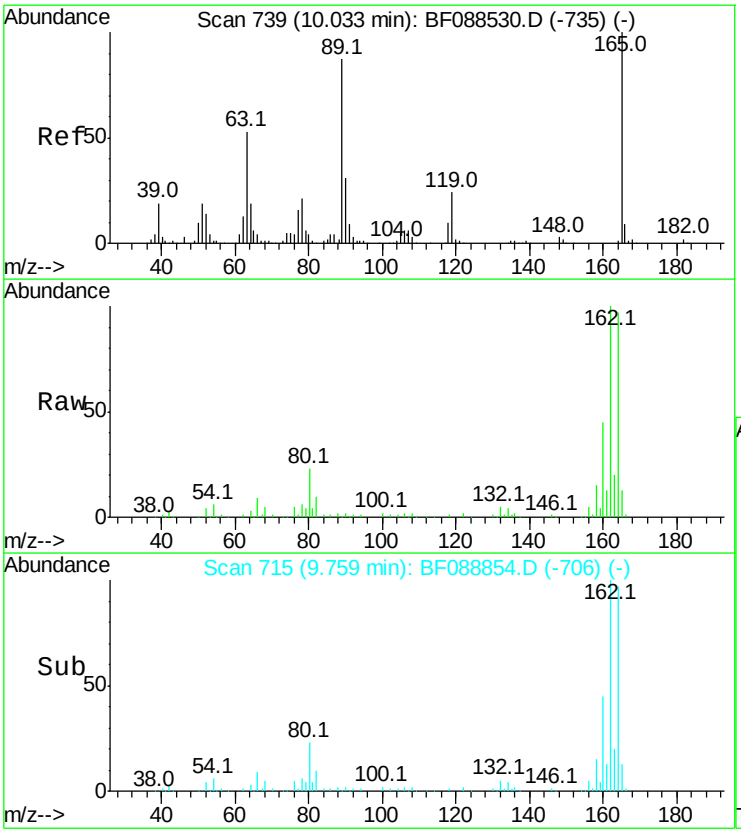
#50
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.19 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17145

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.6	32.2	48.2#

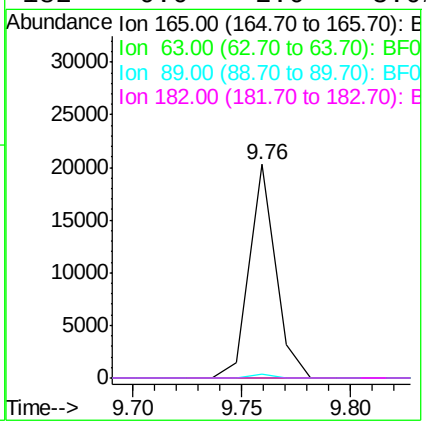


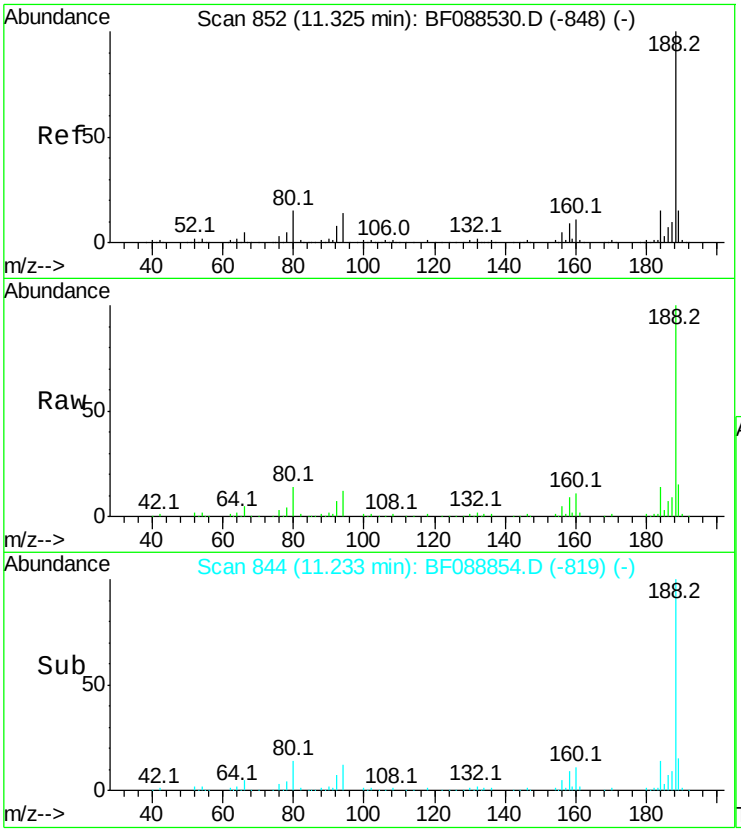


#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.19 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:165 Resp: 17145

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



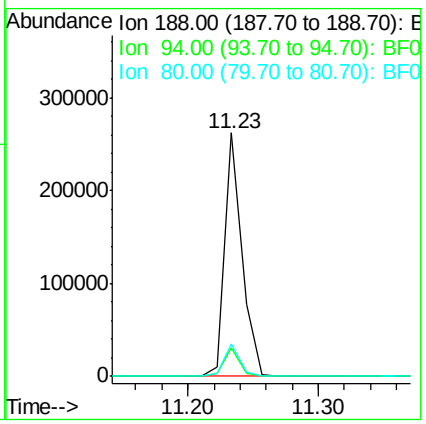


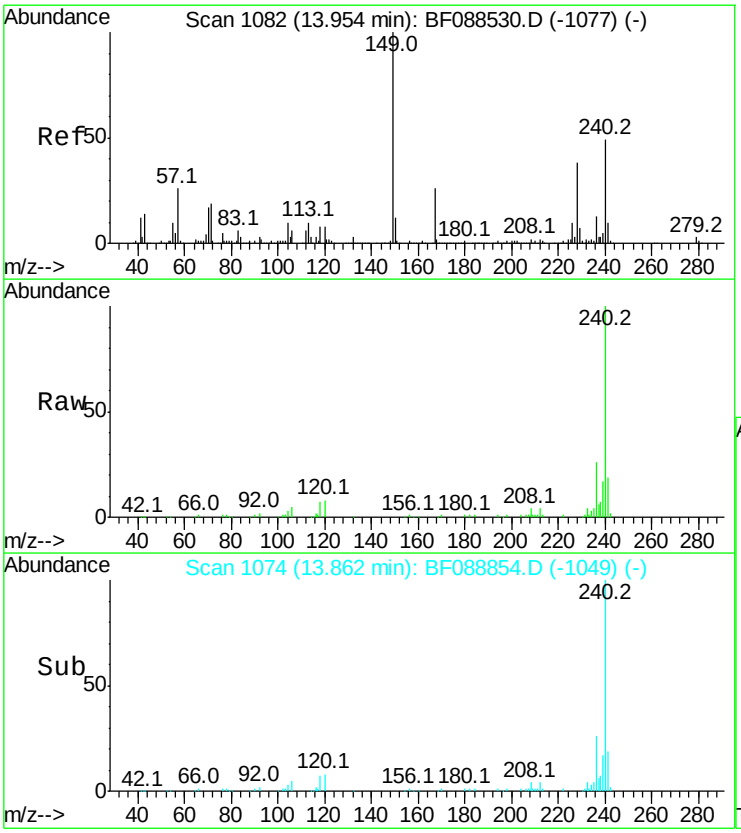
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 243008

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	13.5	10.0	15.0

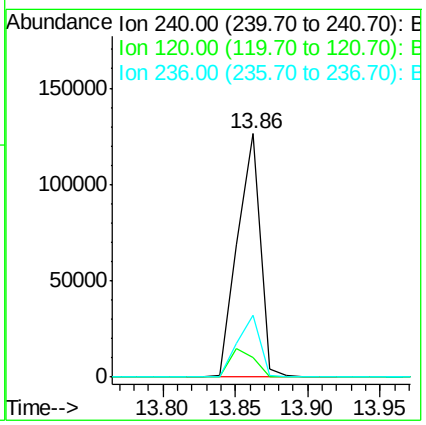


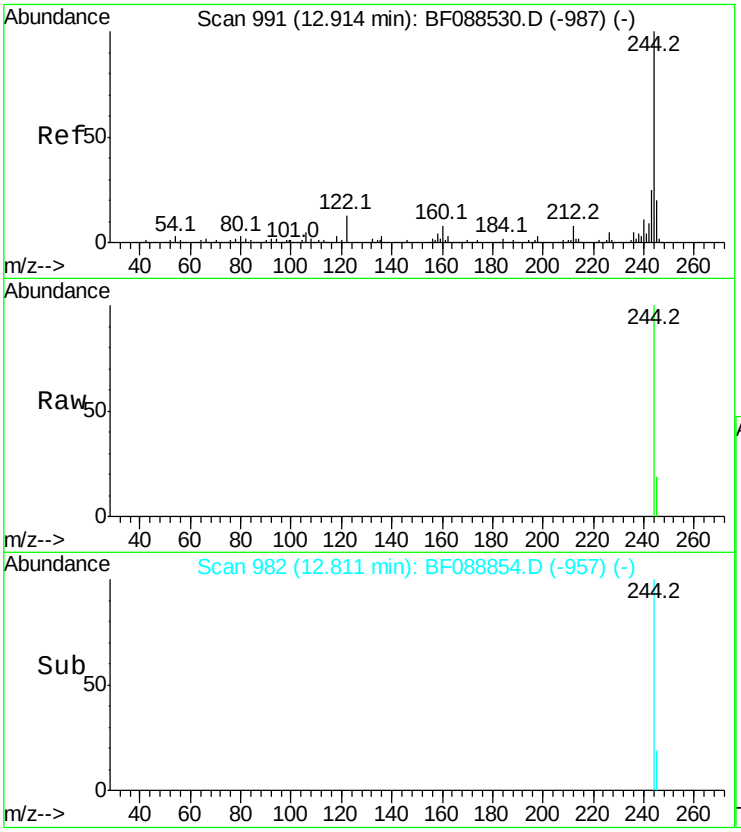


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:240 Resp: 137743

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.7	20.2	30.2



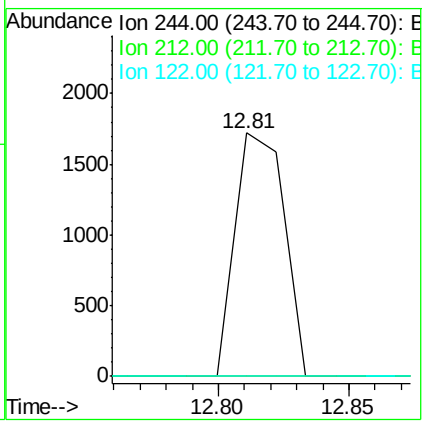


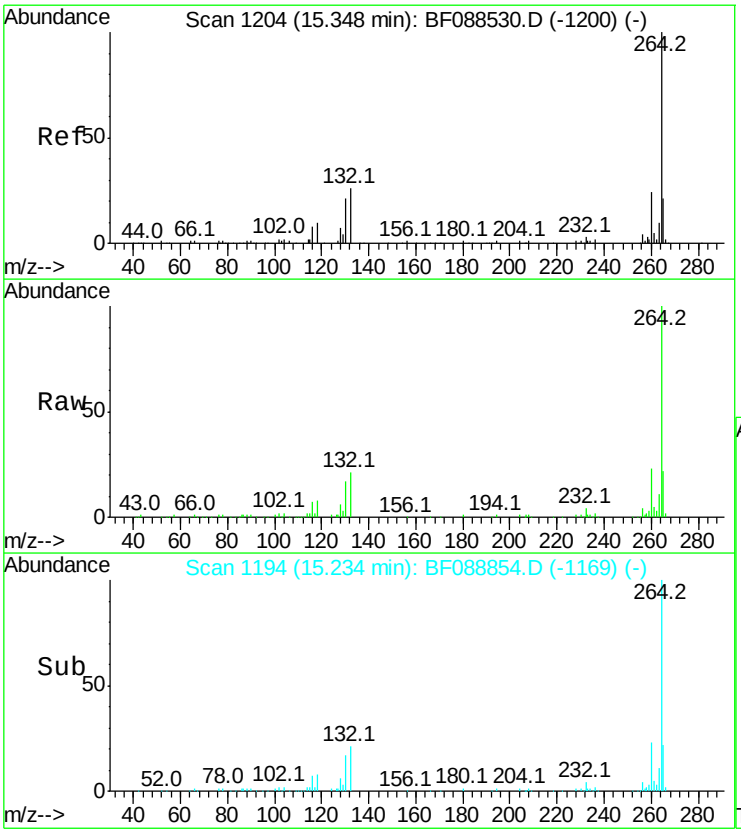
#78
Terphenyl-d14
Concen: 0.37 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2269

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	0.0	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088854.D
Acq: 9 Jul 2016 5:38

Tgt Ion:264 Resp: 140878

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	16.9	25.3