Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085875.D
Acq On : 30 Mar 2016 3:33
Operator : UM/SJ
Sample : H2023-01 40X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Time: Mar 30 03:15:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96986	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	389922	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	134258	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	236427	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	239702	20.00	ng	-0.01
86) Perylene-d12	15.39	264	170775	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	13233	2.27	ng	0.00
7) Phenol-d6	6.46	99	17659	2.38	ng	0.00
23) Nitrobenzene-d5	7.37	82	9781	1.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	2206	1.73	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	17216	2.14	ng	-0.02
78) Terphenyl-d14	12.92	244	11534	0.99	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.84	165	16878	7.70	ng	# 17
56) 2,4-Dinitrotoluene	9.84	165	16878	6.06	ng	# 35
83) Bis(2-ethylhexyl)phthalate	13.95	149	41314	4.18	ng	# 99

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

Quantitation Report (Not Reviewed)

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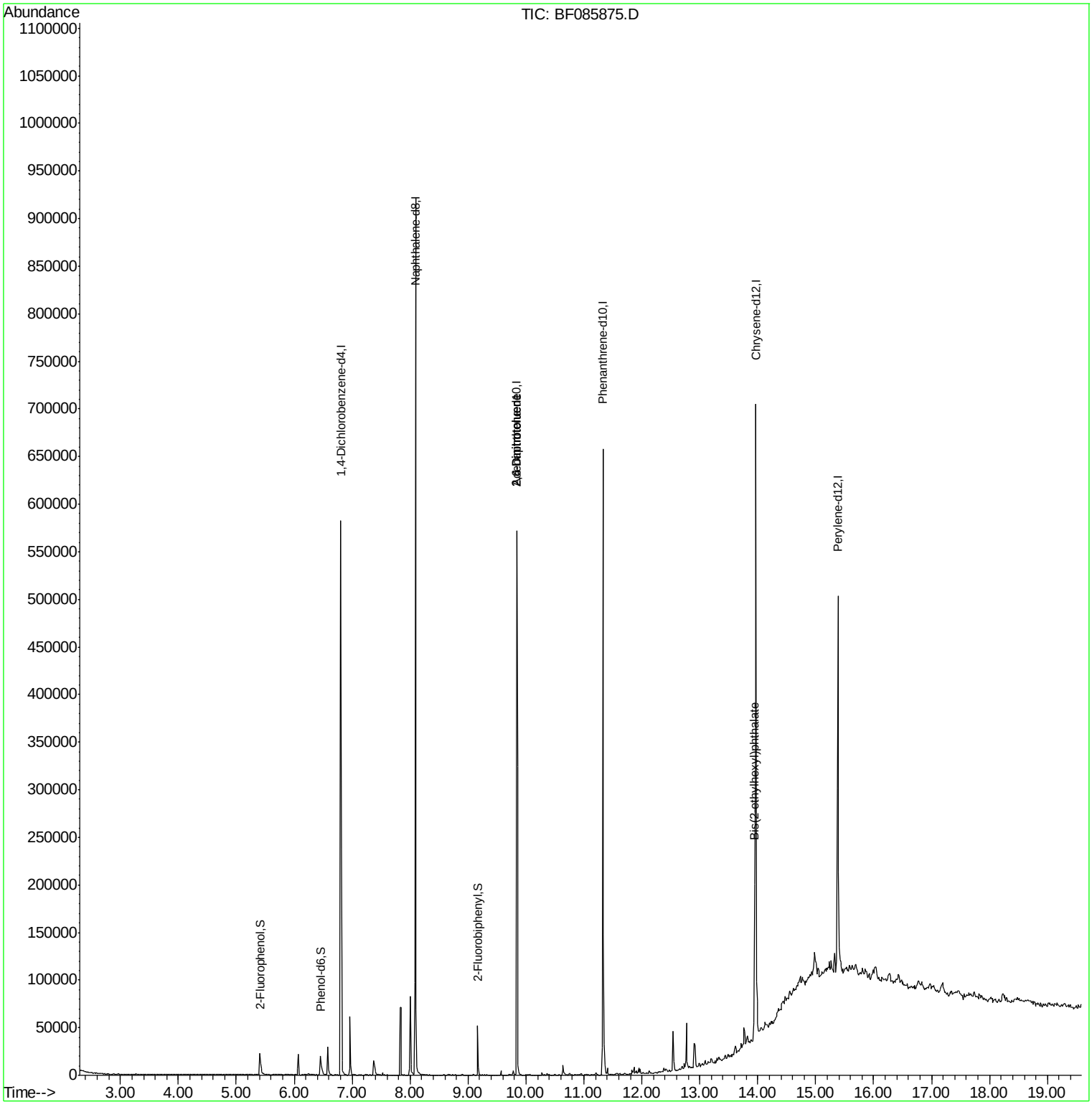
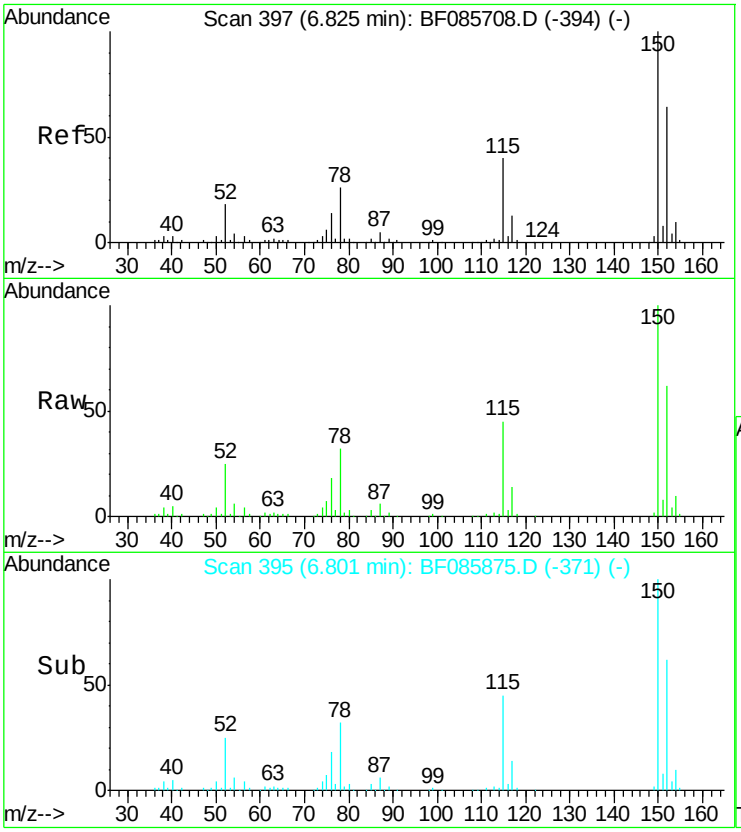


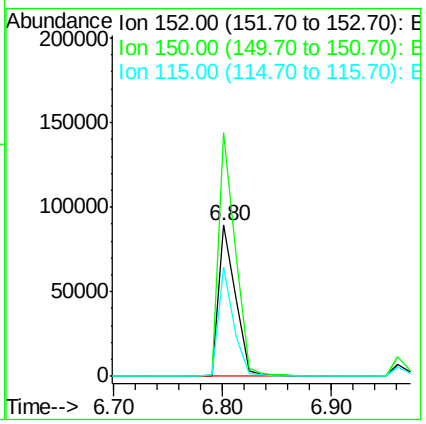


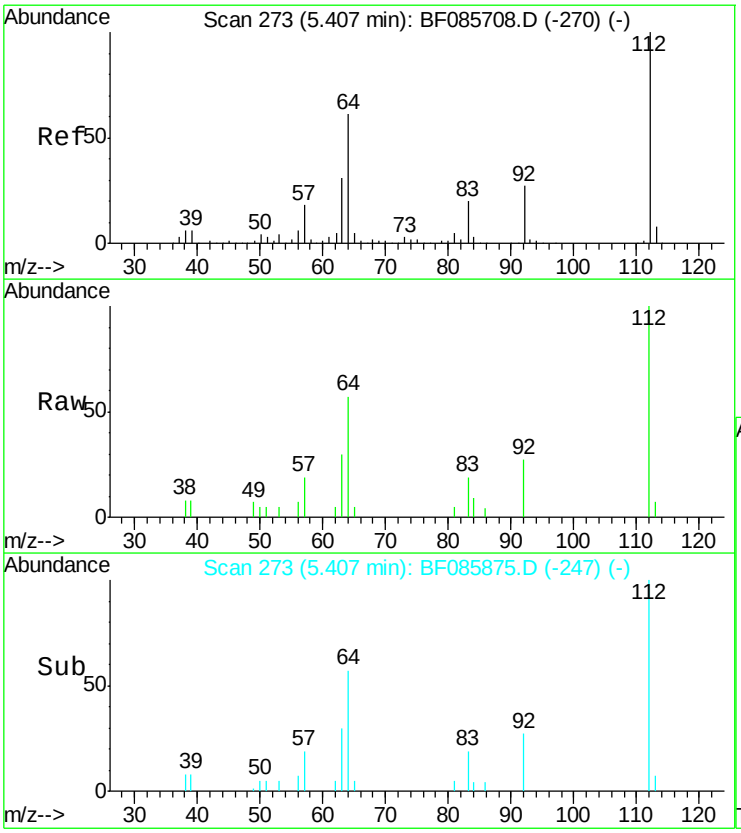
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:152 Resp: 96986

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.2	186.2
115	72.0	47.0	70.6#

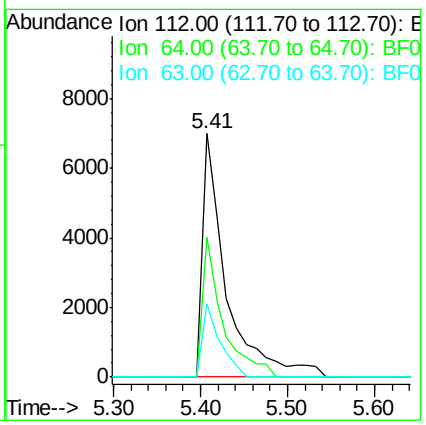


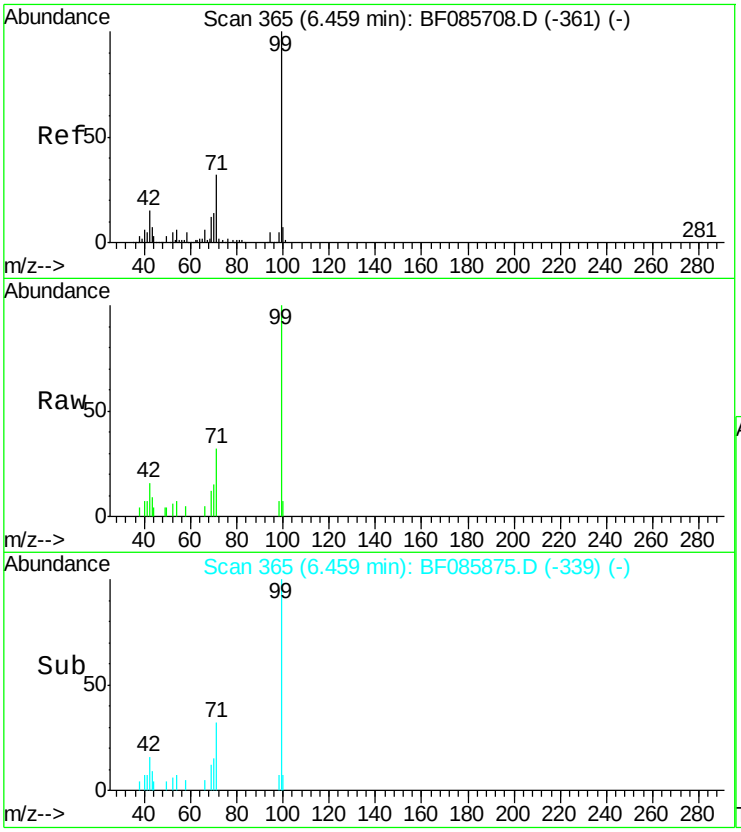


#5
2-Fluorophenol
Concen: 2.27 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:112 Resp: 13233

Ion	Ratio	Lower	Upper
112	100		
64	57.5	39.9	59.9
63	30.3	20.2	30.2#



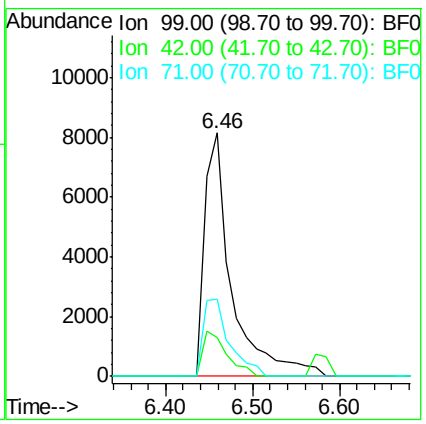


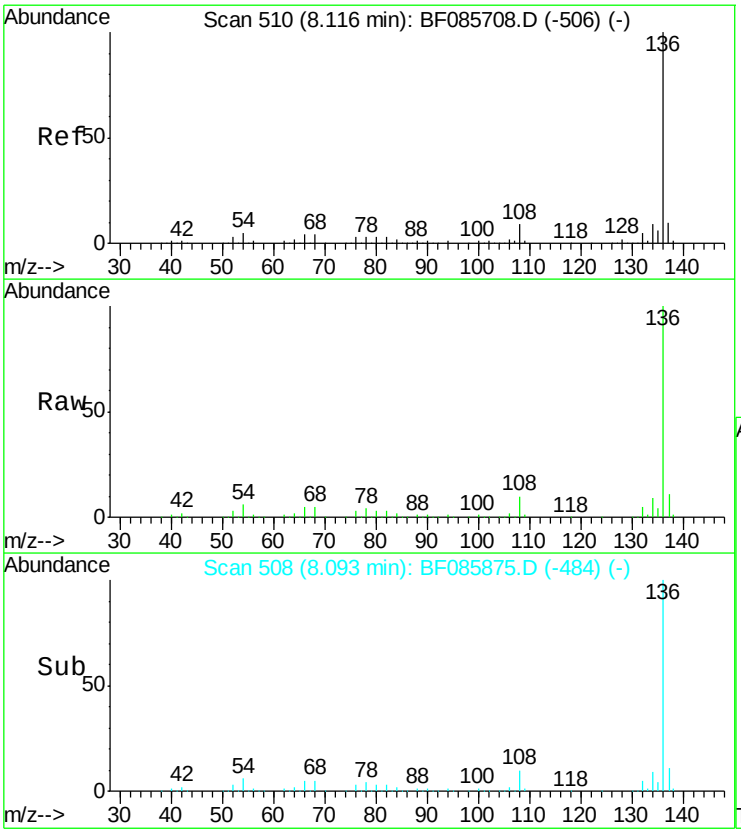
#7
Phenol-d6
Concen: 2.38 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.00 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion: 99 Resp: 17659

Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.1	16.7
71	31.9	24.9	37.3

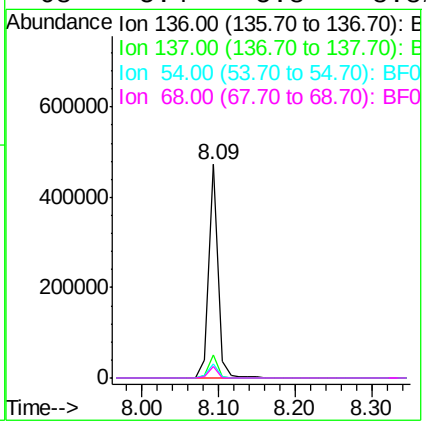


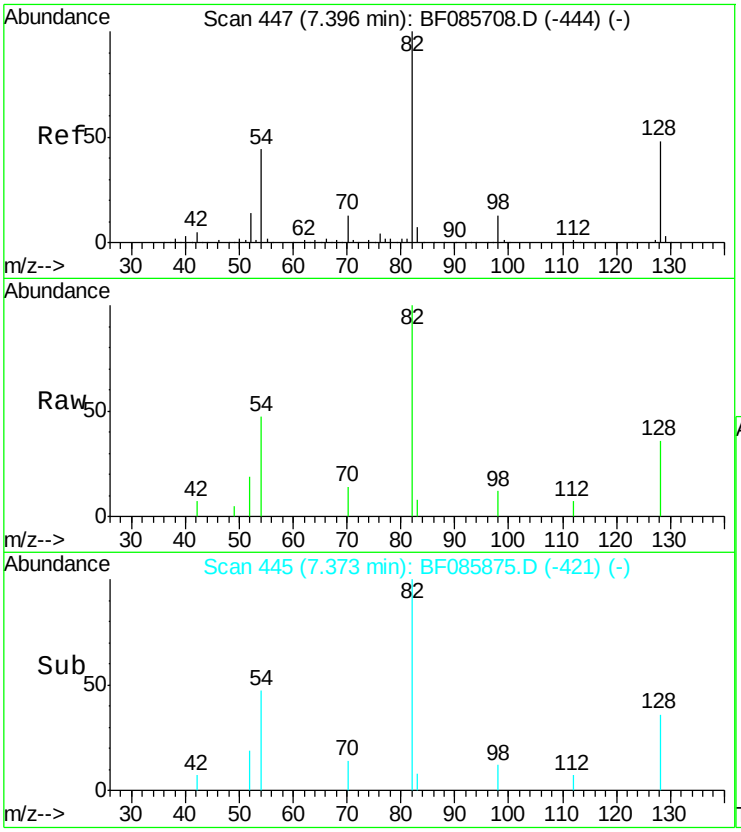


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:136 Resp: 389922

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	7.4	11.0#
68	5.4	5.8	8.8#



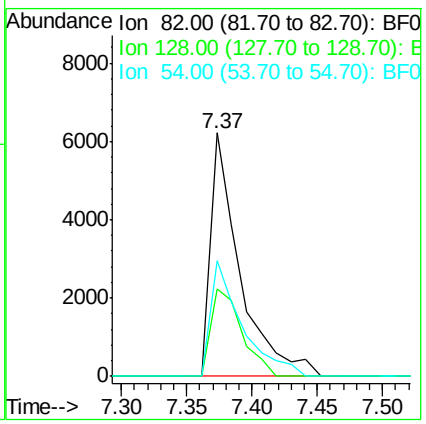


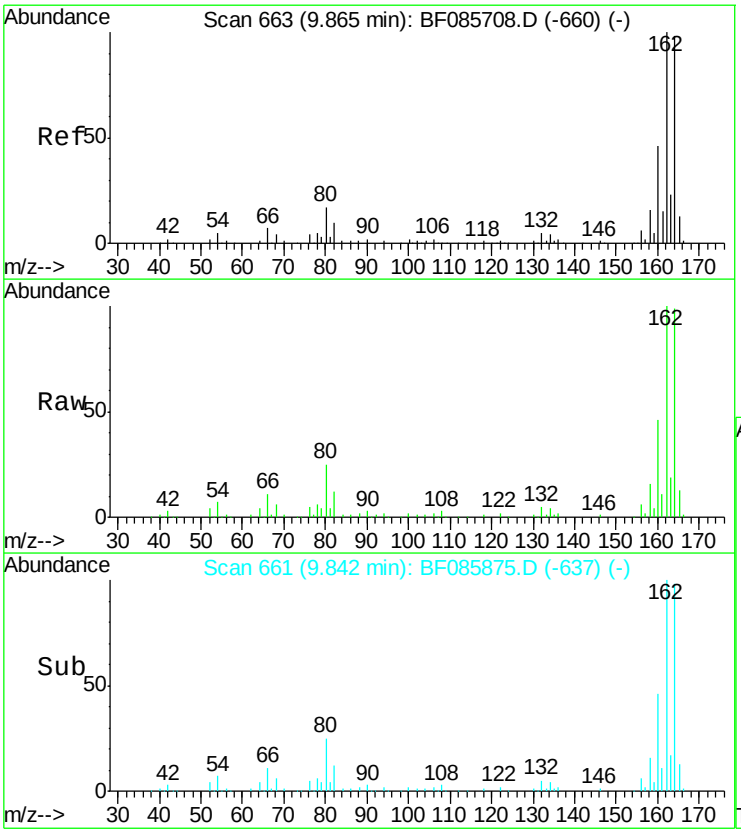
#23
Nitrobenzene-d5
Concen: 1.41 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion: 82 Resp: 9781

Ion	Ratio	Lower	Upper
82	100		
128	35.7	41.8	62.8#
54	47.4	33.4	50.0

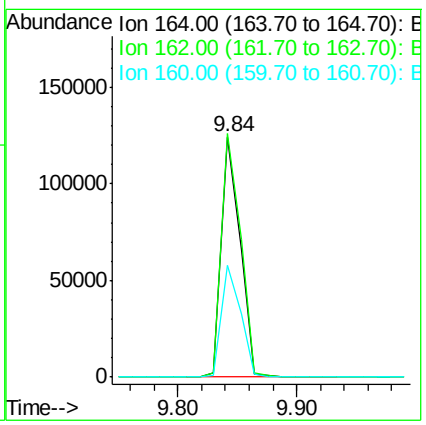


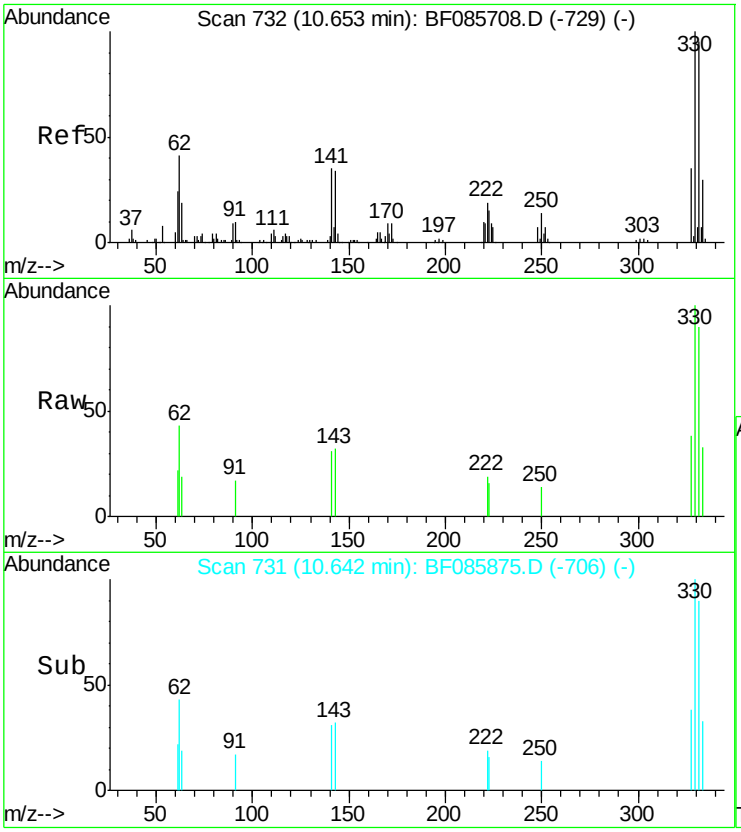


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:164 Resp: 134258

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	46.8	37.4	56.2



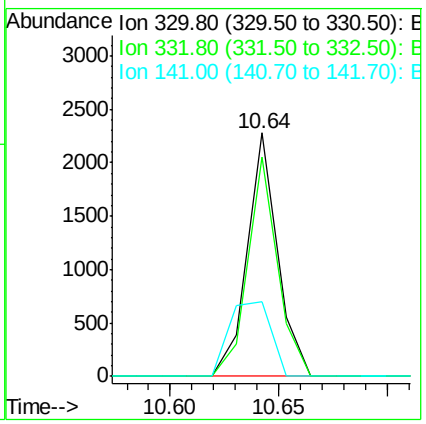


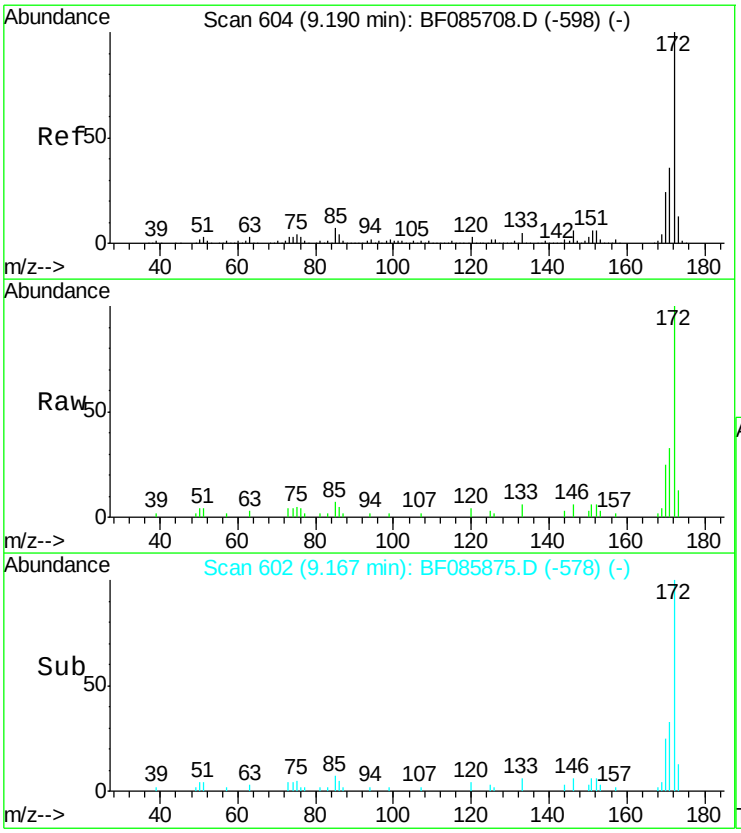
#41
2,4,6-Tribromophenol
Concen: 1.73 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:330 Resp: 2206

Ion	Ratio	Lower	Upper
330	100		
332	89.0	78.2	117.2
141	42.5	31.5	47.3

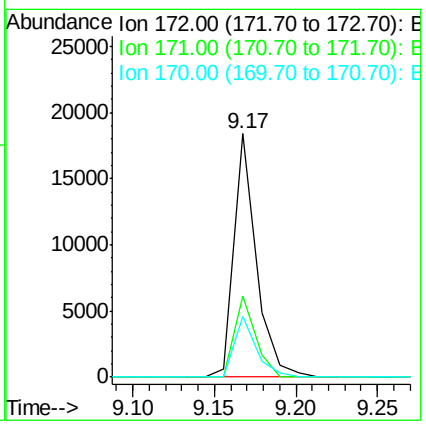


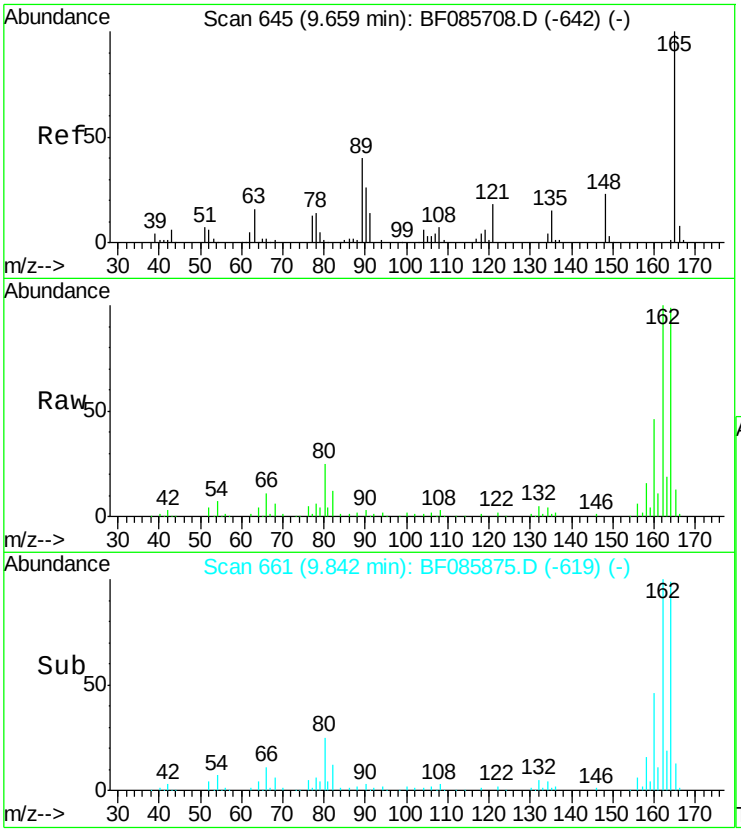


#44
2-Fluorobiphenyl
Concen: 2.14 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:172 Resp: 17216

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.4	44.2
170	24.9	19.8	29.6



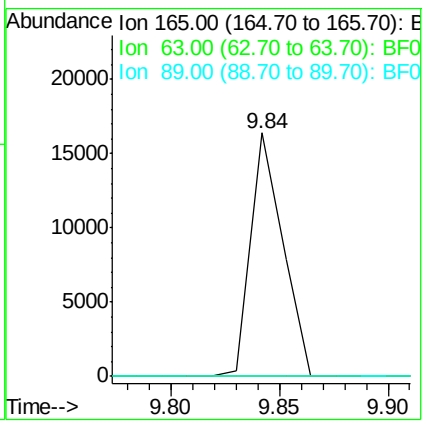


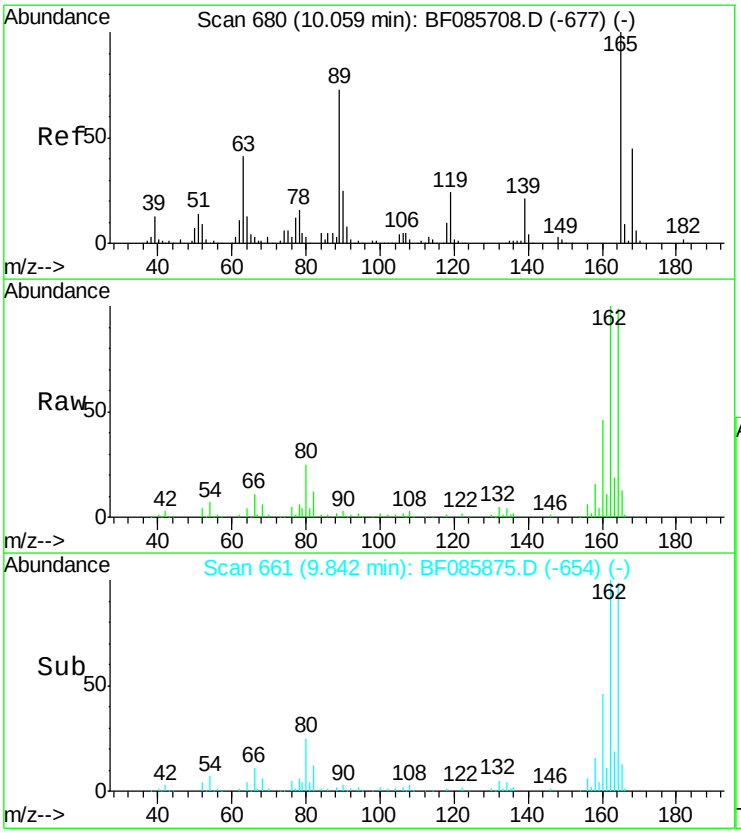
#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.84 min Scan# 661
Delta R.T. 0.18 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:165 Resp: 16878

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	0.0	53.7	80.5#

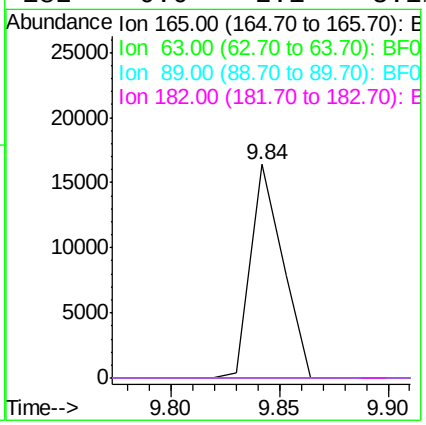


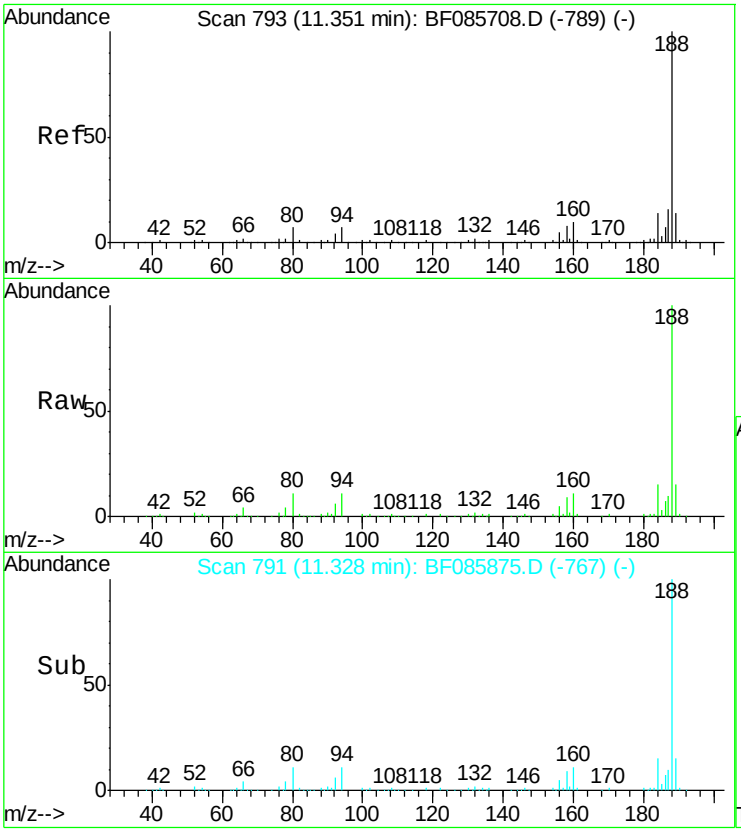


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:165 Resp: 16878

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#



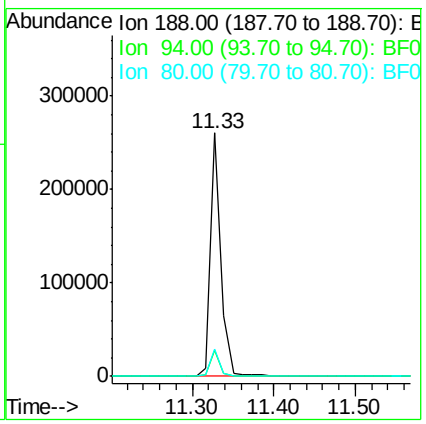


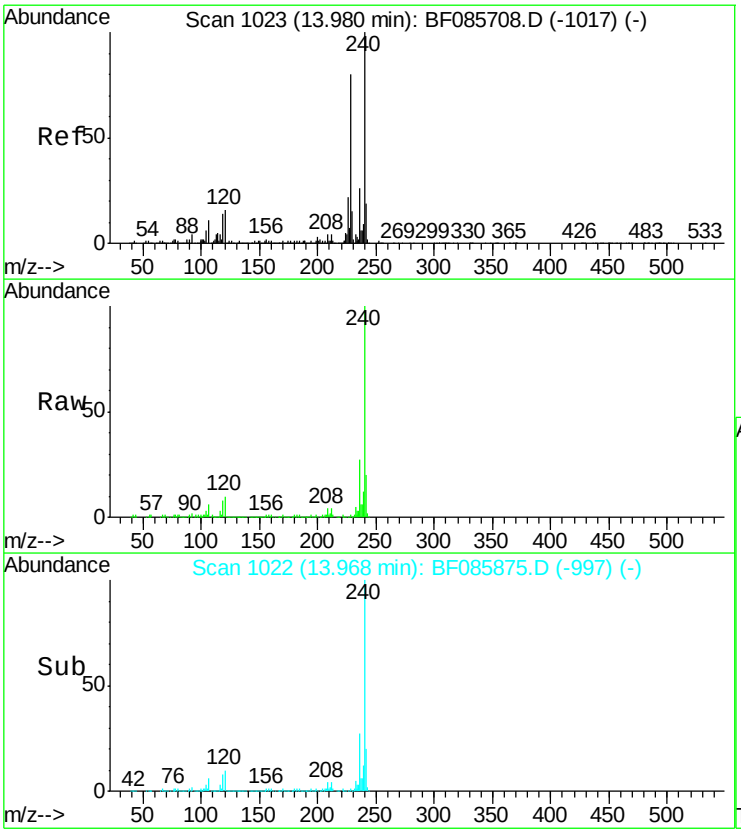
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:188 Resp: 236427

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.4	8.0#
80	11.5	5.5	8.3#

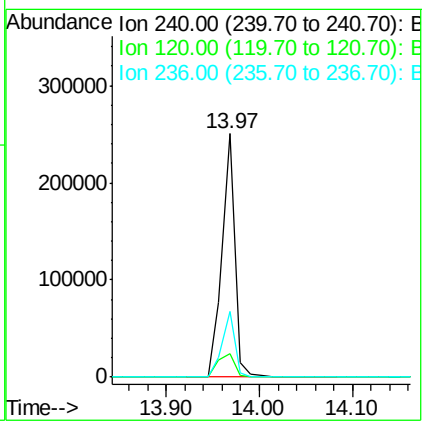


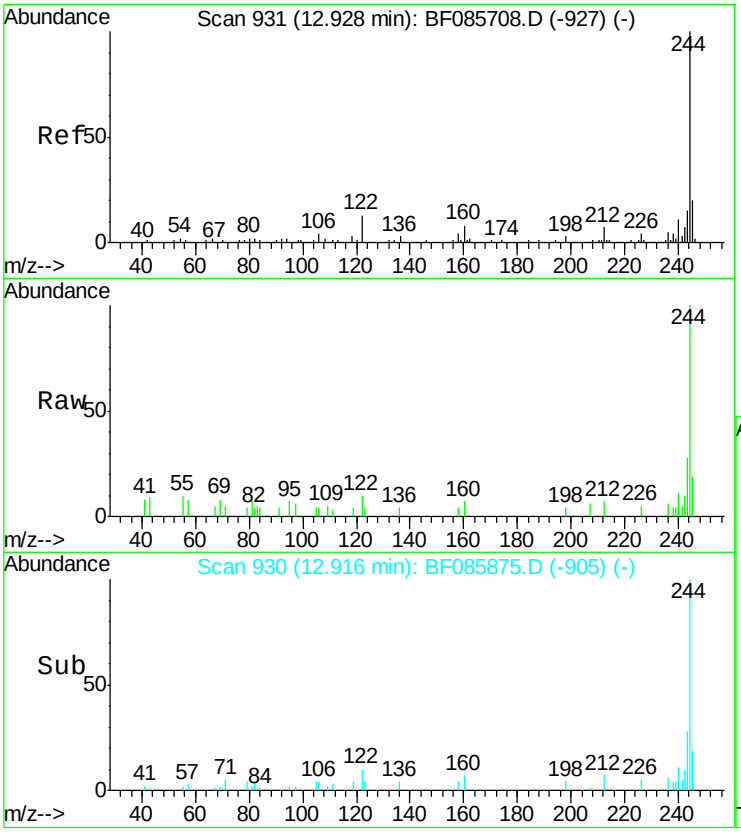


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:240 Resp: 239702

Ion	Ratio	Lower	Upper
240	100		
120	9.6	13.8	20.8#
236	27.0	20.6	30.8



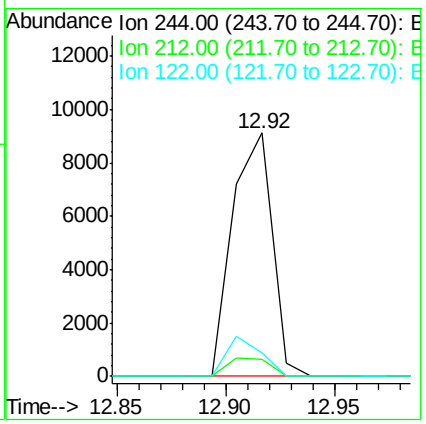


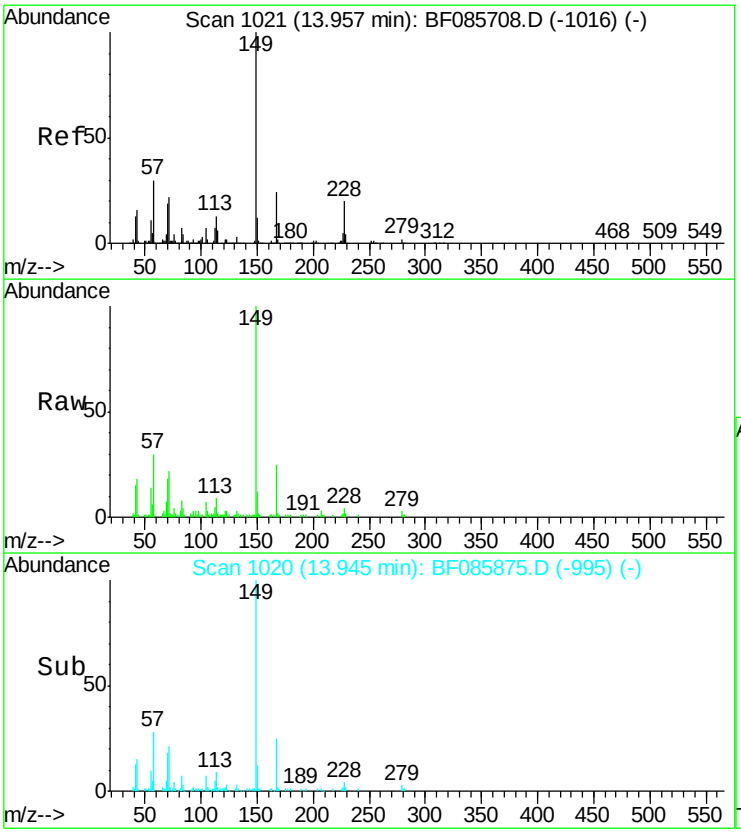
#78
Terphenyl-d14
Concen: 0.99 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:244 Resp: 11534

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	9.9	10.2	15.4#

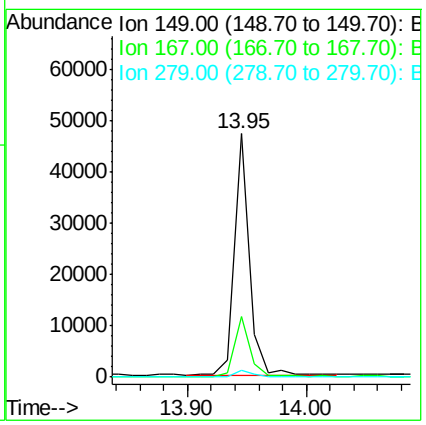


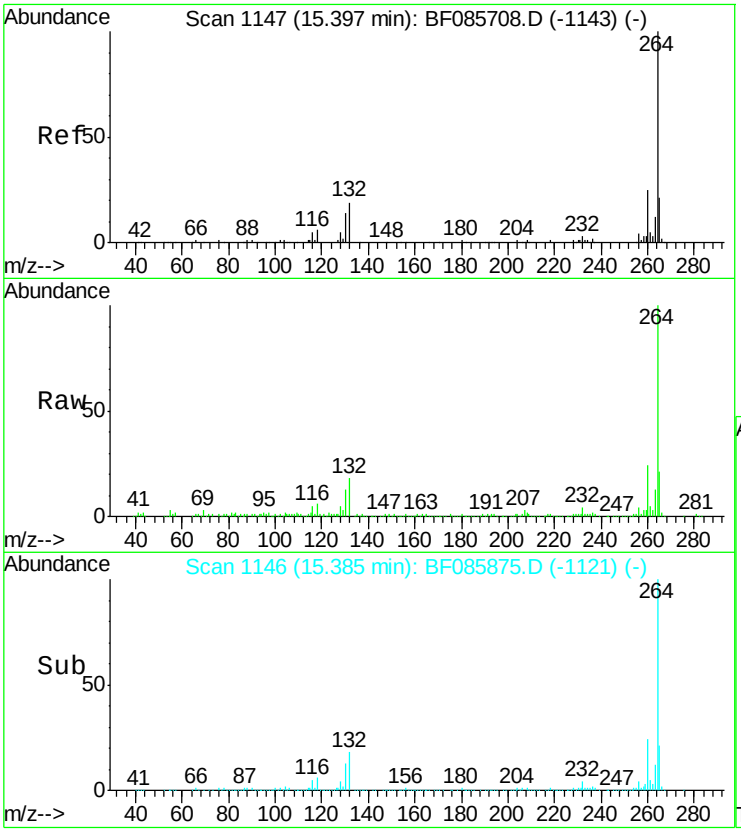


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.18 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Tgt Ion:149 Resp: 41314

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.4	29.2
279	2.7	1.5	2.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085875.D
Acq: 30 Mar 2016 3:33

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion:264 Resp: 170775

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.0	17.2	25.8