Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085824.D
Acq On : 29 Mar 2016 1:57
Operator : UM/SJ
Sample : H1978-02 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-083-CS-2(0-7FTBGS)

Quant Time: Mar 29 03:42:28 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	6.81	152	110313	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	420768	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	183452	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	322428	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	182586	20.00	ng	-0.01
86) Perylene-d12	15.39	264	199389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	89138	13.46	ng	0.00
7) Phenol-d6	6.45	99	116436	13.83	ng	-0.01
23) Nitrobenzene-d5	7.37	82	64620	8.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	14883	8.54	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	131355	11.96	ng	-0.01
78) Terphenyl-d14	12.92	244	83723	9.43	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.92	142	211	Below Cal	#	15
50) 2,6-Dinitrotoluene	9.85	165	24062	8.03	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	24063	6.32	ng	# 37
77) Pyrene	12.78	202	30448	2.03	ng	100

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

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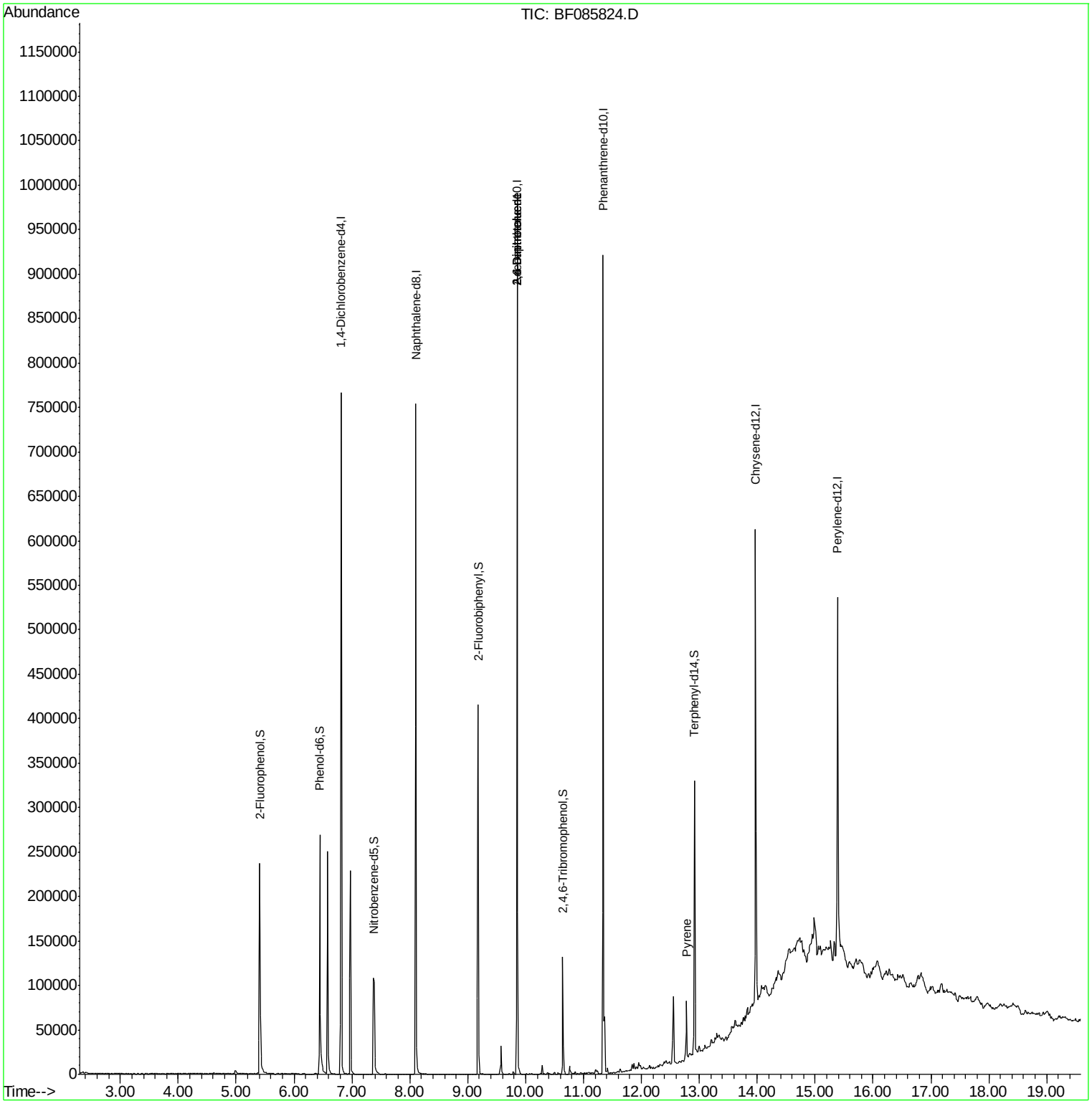
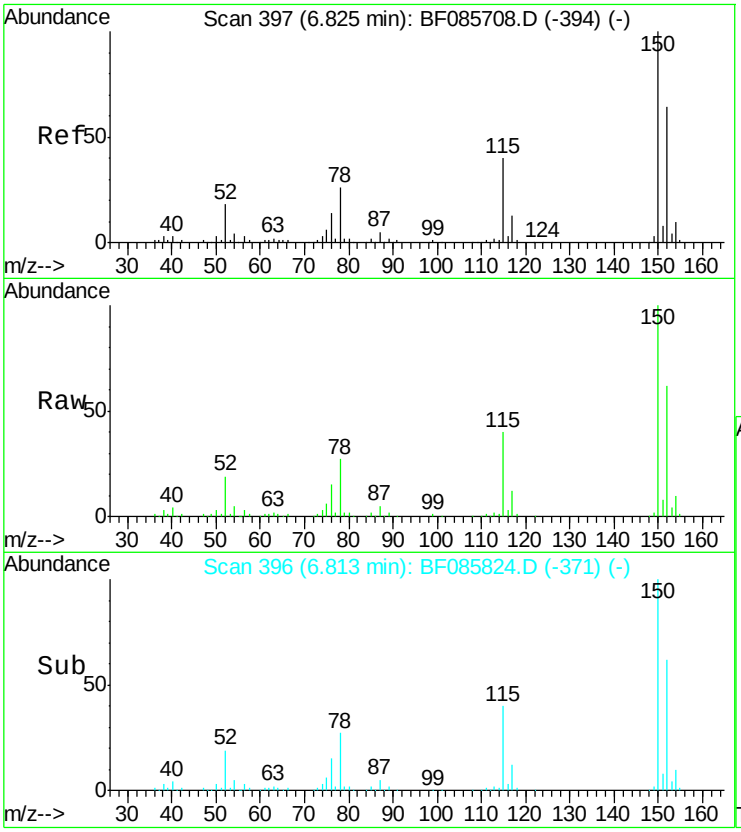


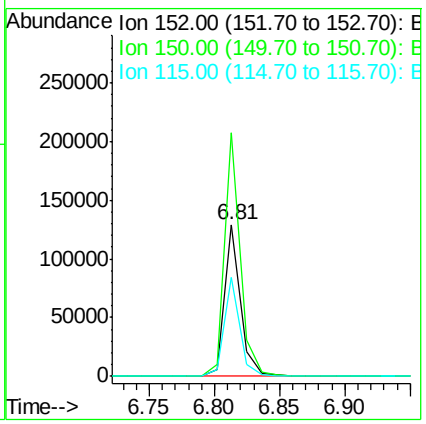


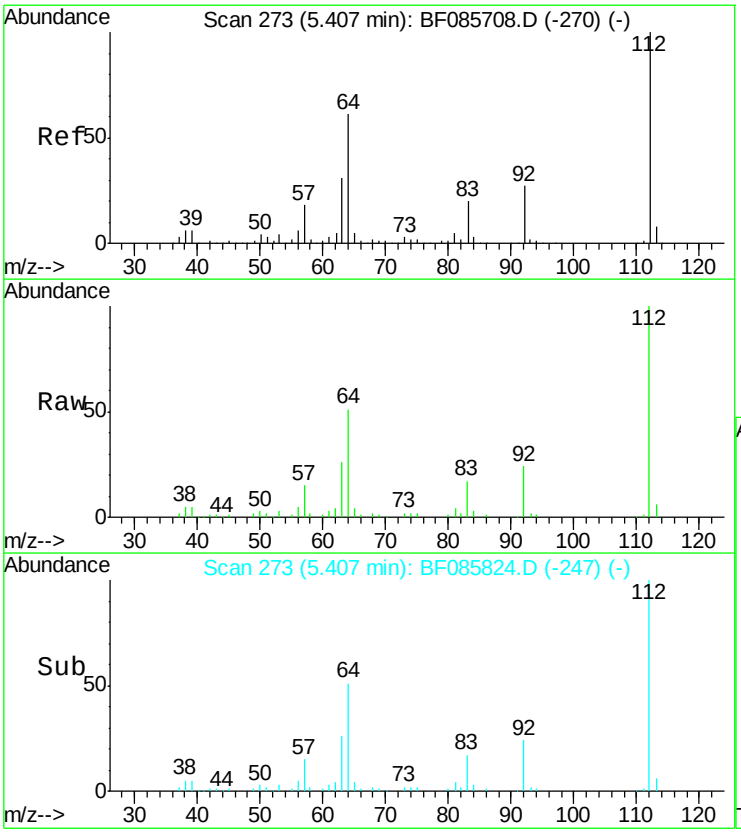
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:152 Resp: 110313

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.2	186.2
115	64.8	47.0	70.6

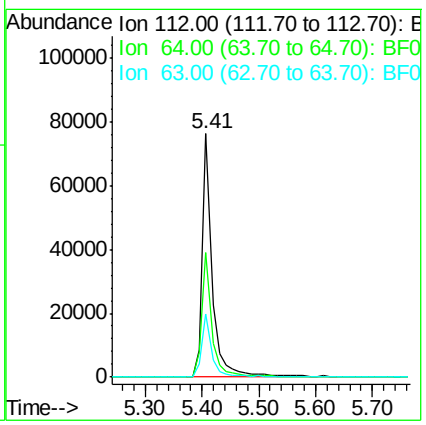


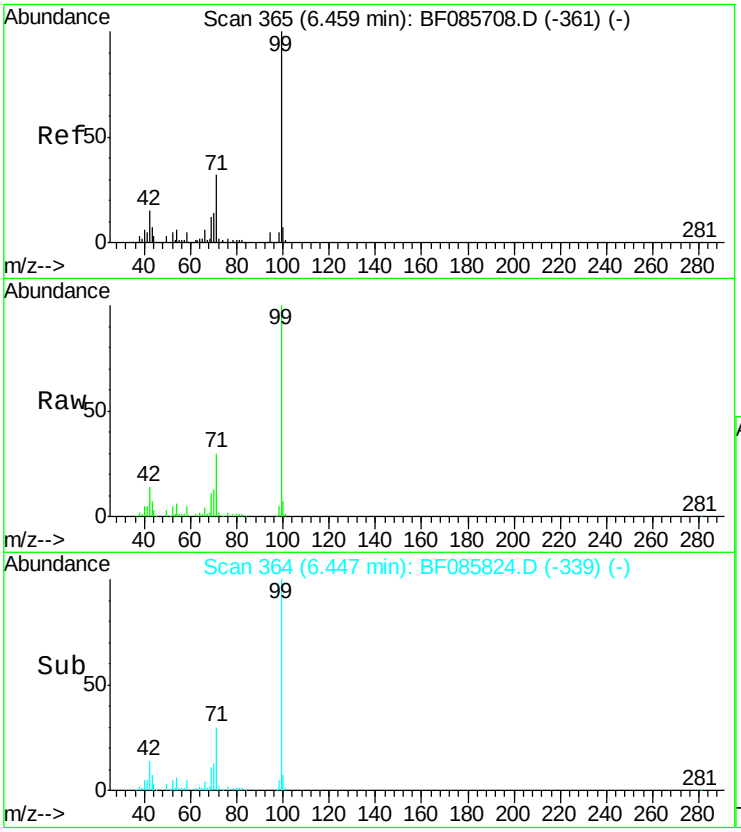


#5
2-Fluorophenol
Concen: 13.46 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:112 Resp: 89138

Ion	Ratio	Lower	Upper
112	100		
64	51.4	39.9	59.9
63	25.8	20.2	30.2



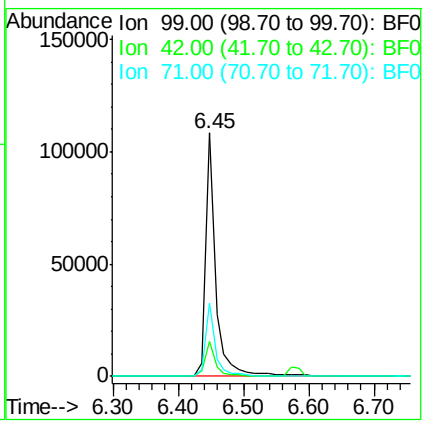


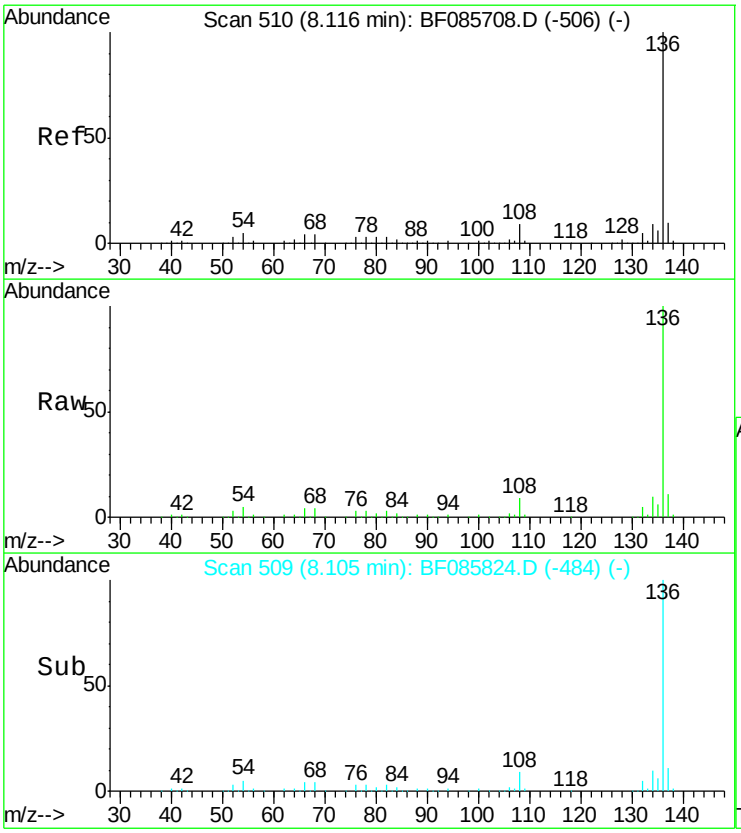
#7
Phenol-d6
Concen: 13.83 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion: 99 Resp: 116436

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	30.3	24.9	37.3

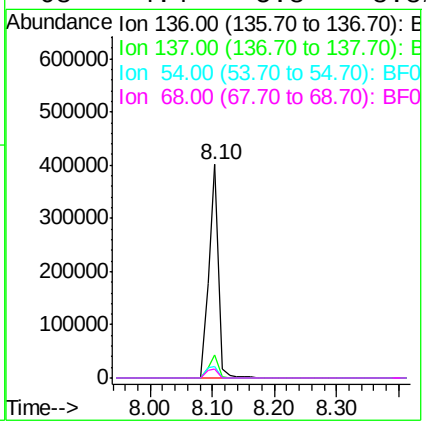


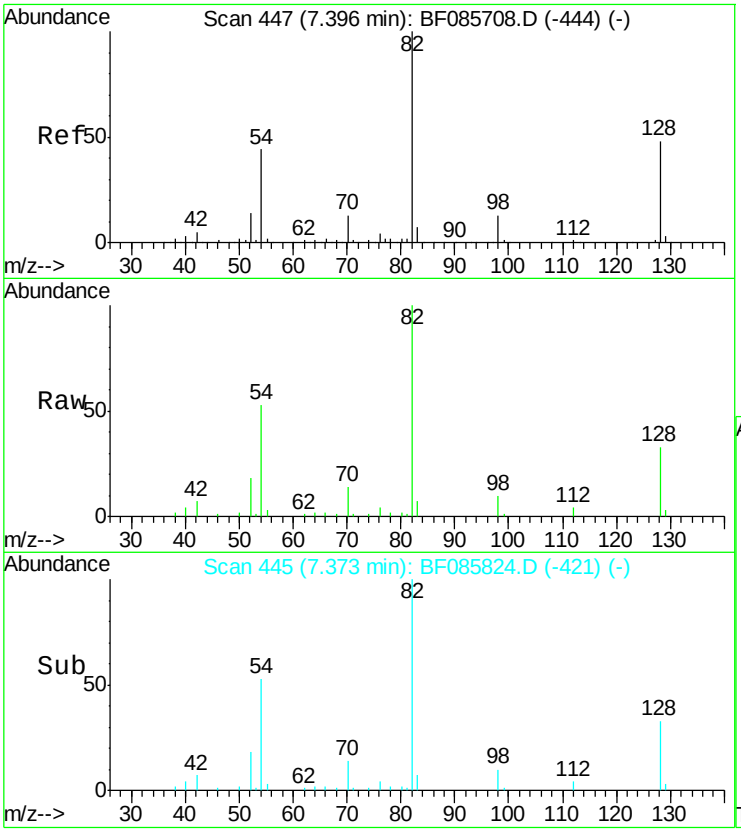


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:136 Resp: 420768

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.2	7.4	11.0#
68	4.4	5.8	8.8#



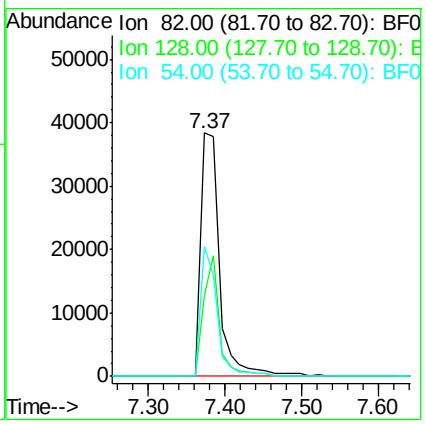


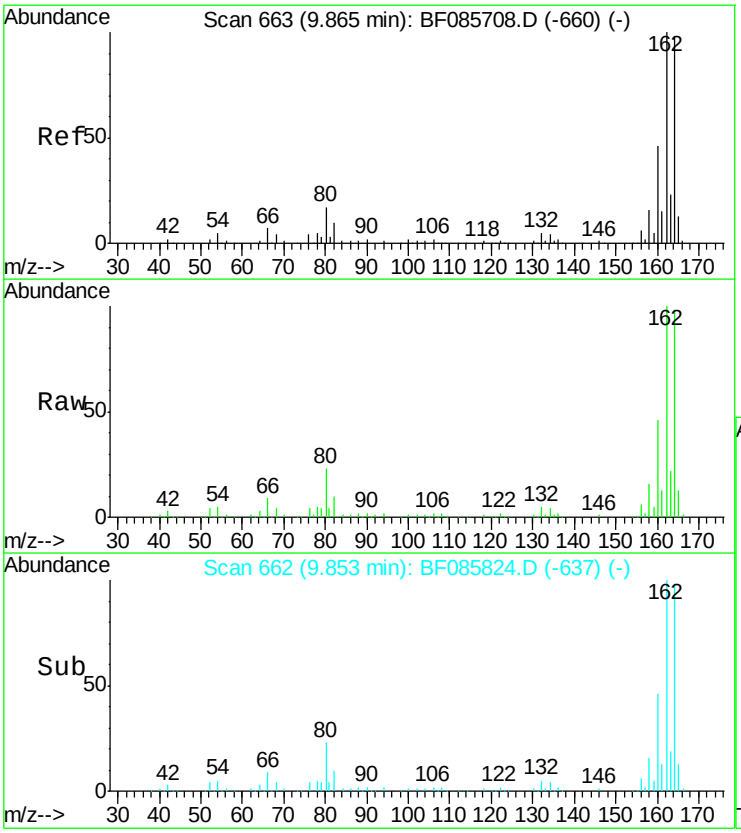
#23
Nitrobenzene-d5
Concen: 8.65 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion: 82 Resp: 64620

Ion	Ratio	Lower	Upper
82	100		
128	33.2	41.8	62.8#
54	53.2	33.4	50.0#

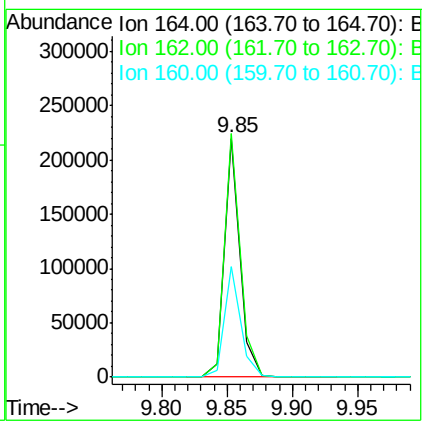


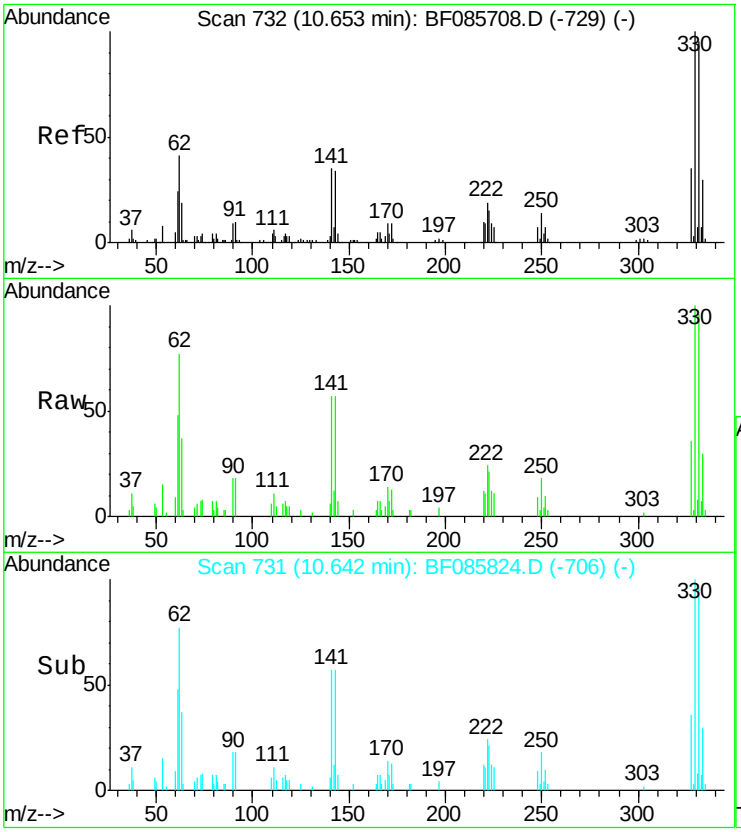


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:164 Resp: 183452

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.1	123.1
160	46.4	37.4	56.2



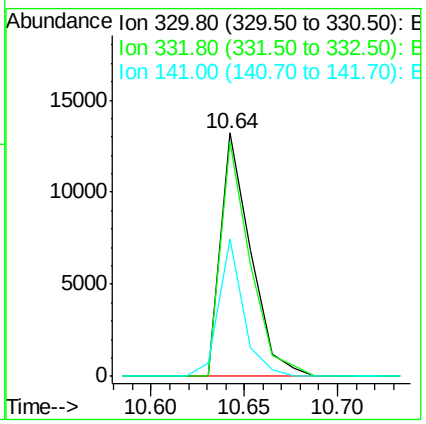


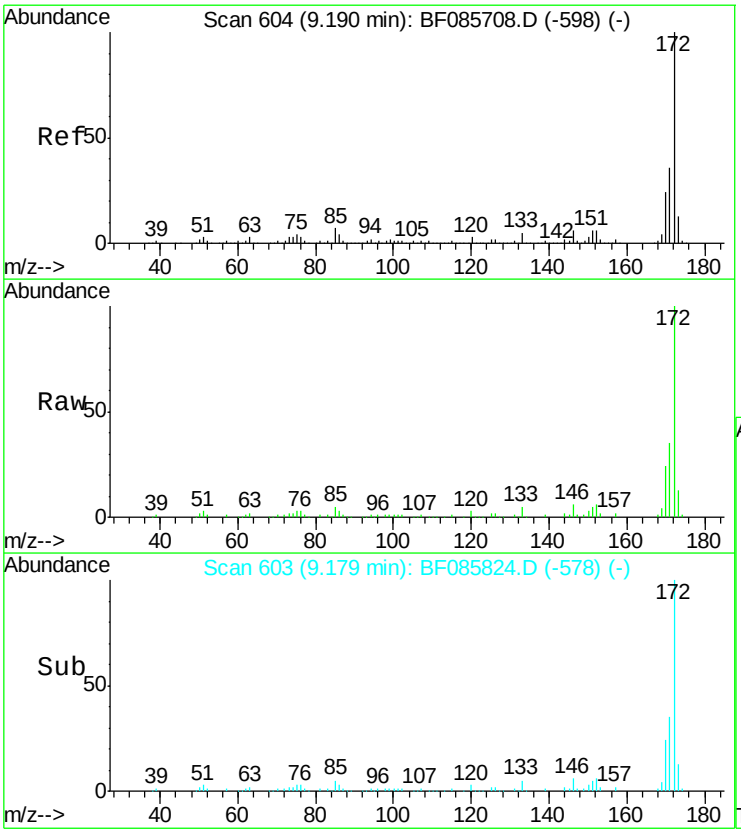
#41
2,4,6-Tribromophenol
Concen: 8.54 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:330 Resp: 14883

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.2	117.2
141	46.7	31.5	47.3

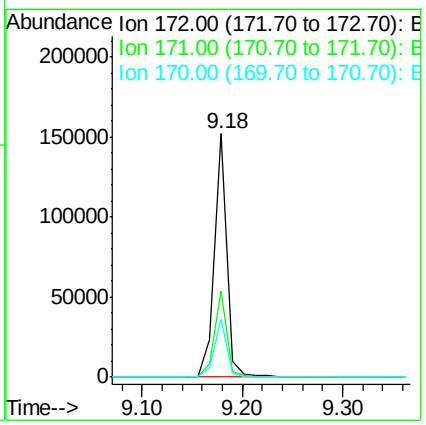


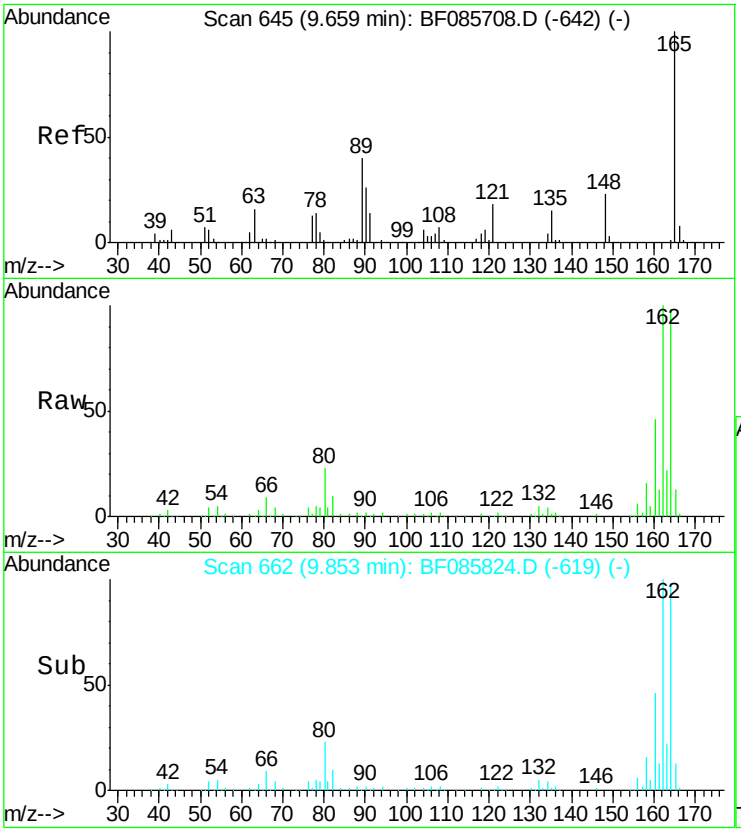


#44
2-Fluorobiphenyl
Concen: 11.96 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:172 Resp: 131355

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.2
170	23.9	19.8	29.6



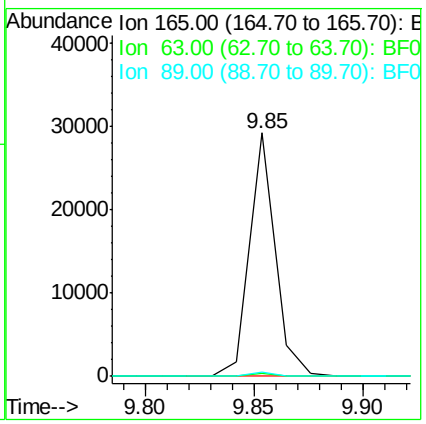


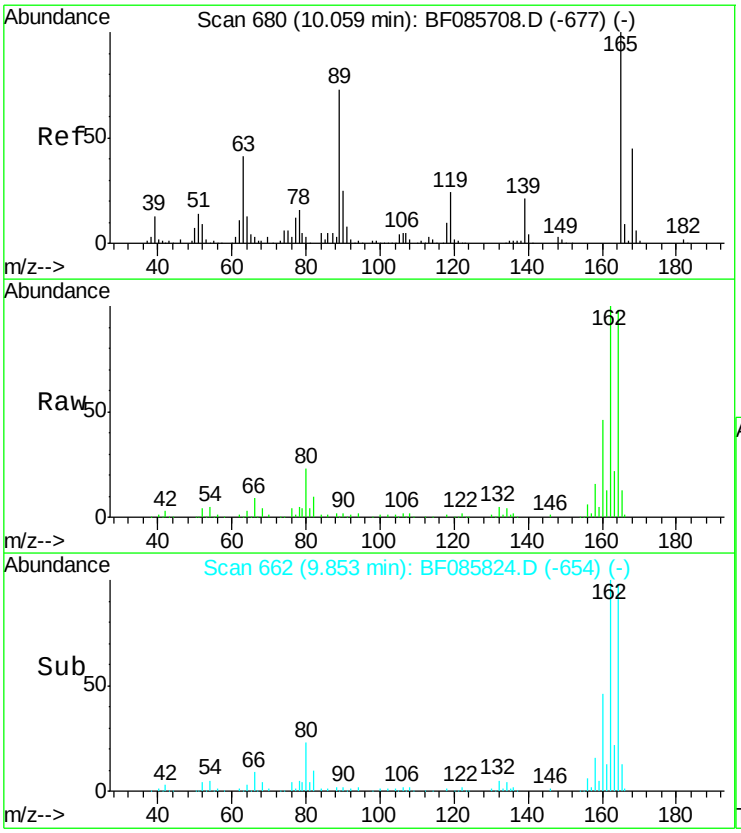
#50
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.19 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:165 Resp: 24062

Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.8#
89	1.5	53.7	80.5#

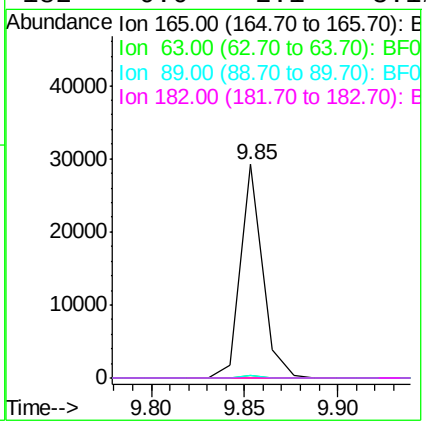


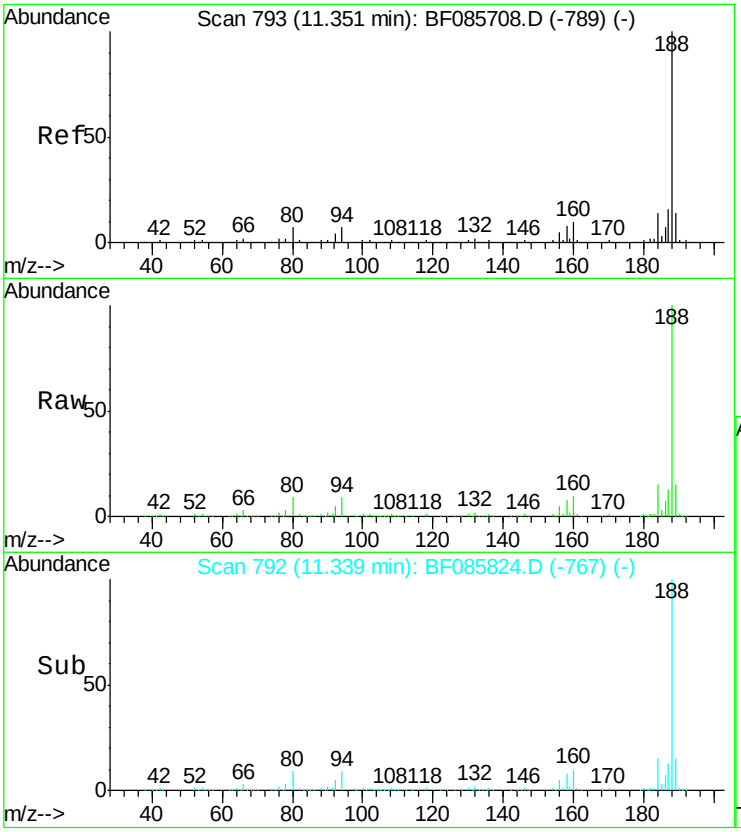


#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.21 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:165 Resp: 24063

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



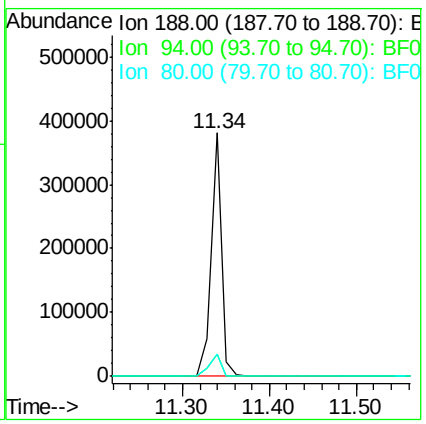


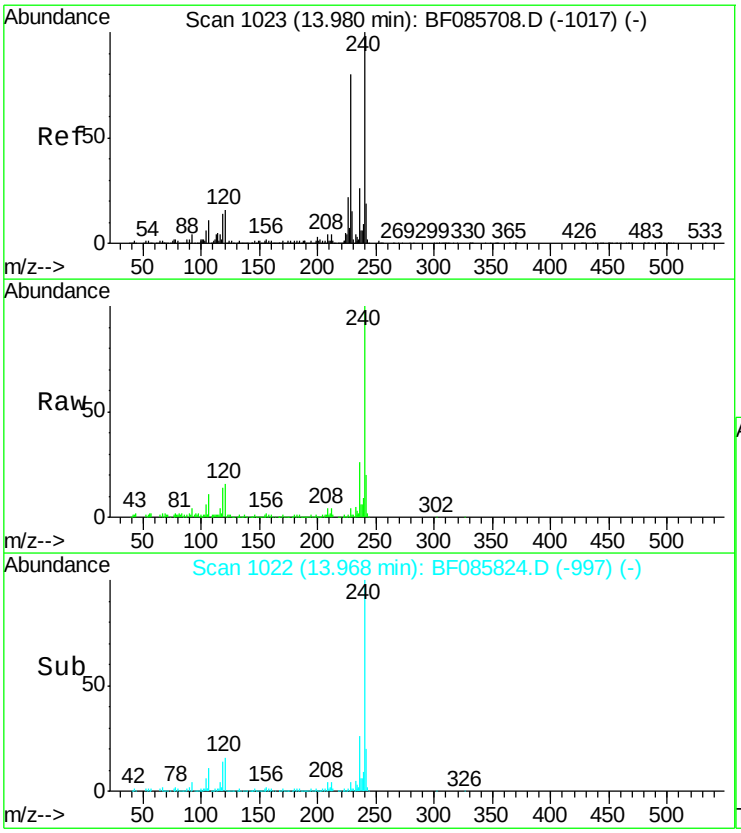
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:188 Resp: 322428

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.4	8.0#
80	9.1	5.5	8.3#

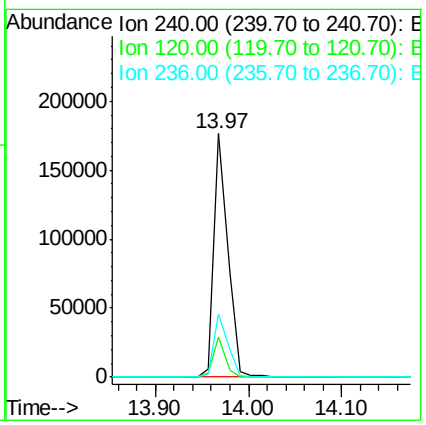


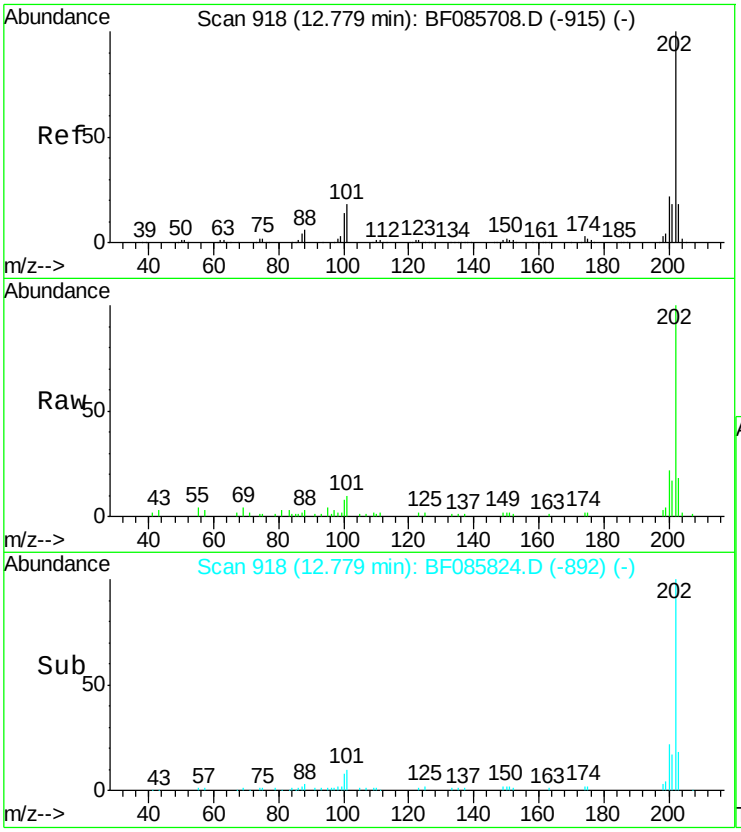


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:240 Resp: 182586

Ion	Ratio	Lower	Upper
240	100		
120	16.4	13.8	20.8
236	26.0	20.6	30.8



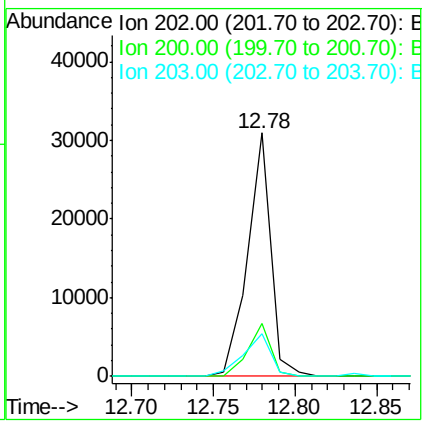


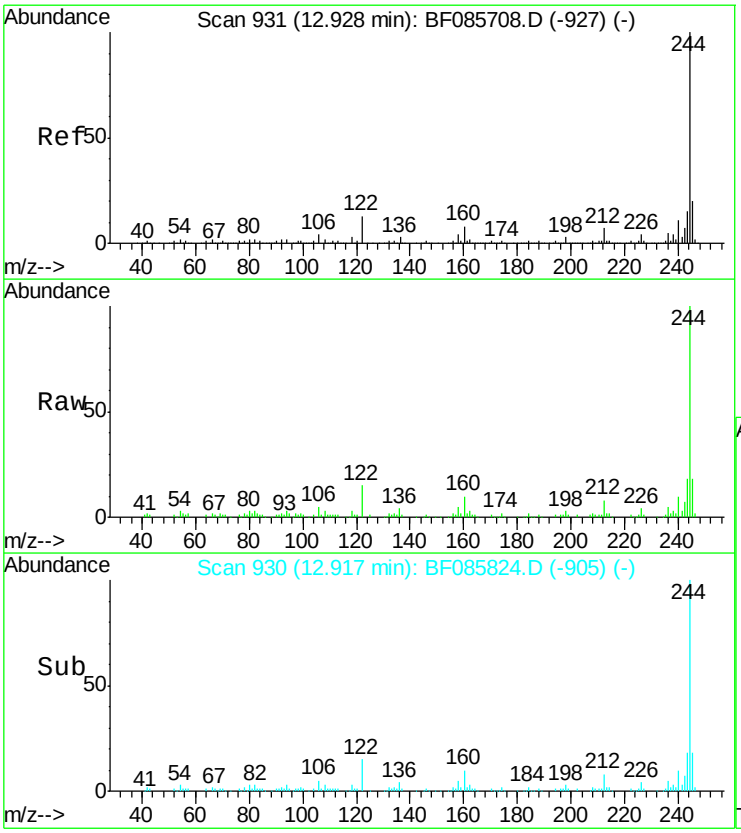
#77
Pyrene
Concen: 2.03 ng
RT: 12.78 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:202 Resp: 30448

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.5	14.0	21.0

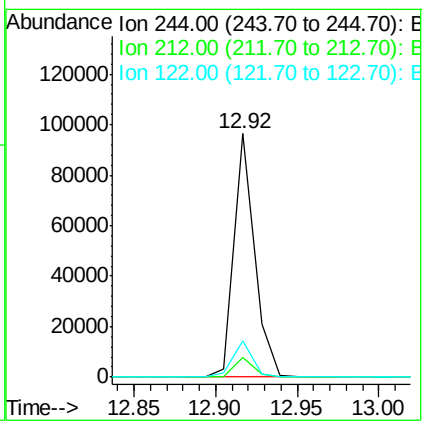


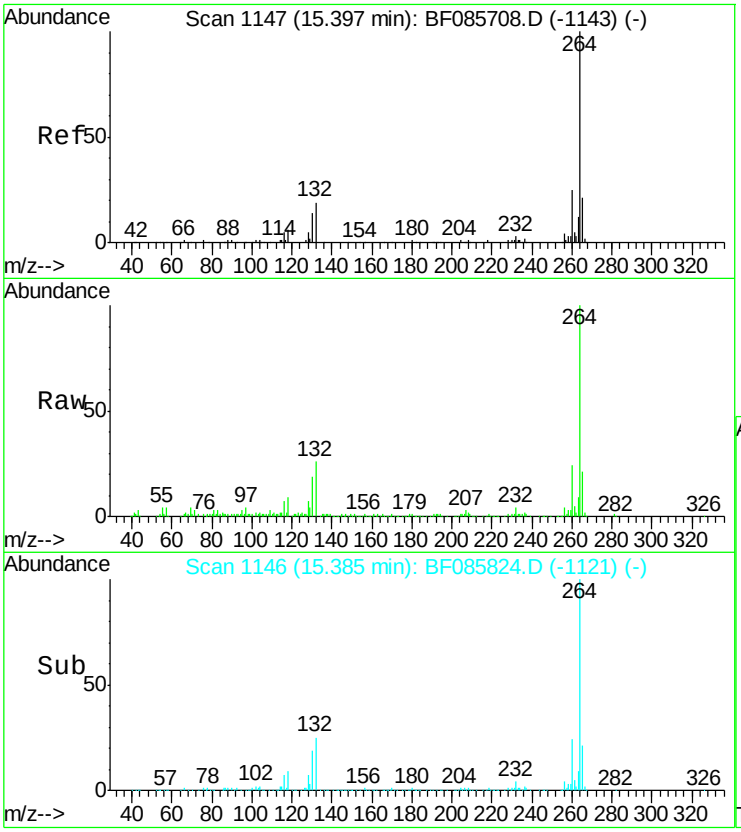


#78
Terphenyl-d14
Concen: 9.43 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Tgt Ion:244 Resp: 83723

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	14.7	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085824.D
Acq: 29 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-2(0-7FTBGS)

Tgt Ion:264 Resp: 199389

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.1	17.2	25.8