Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085885.D
Acq On : 30 Mar 2016 14:43
Operator : UM/SJ
Sample : PB89280BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89280BL

Quant Time: Mar 31 00:03:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99951	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	419719	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	184268	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	358556	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	300174	20.00	ng	-0.01
86) Perylene-d12	15.37	264	182981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	484805	80.78	ng	0.00
7) Phenol-d6	6.44	99	665844	87.26	ng	-0.01
23) Nitrobenzene-d5	7.36	82	508740	68.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153934	87.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	941368	85.35	ng	-0.01
78) Terphenyl-d14	12.90	244	911530	62.45	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	67646	14.81	ng	# 79
25) Isophorone	7.36	82	437964	30.50	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	22909	7.61	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	22910	5.99	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	9736	2.65	ng	# 1

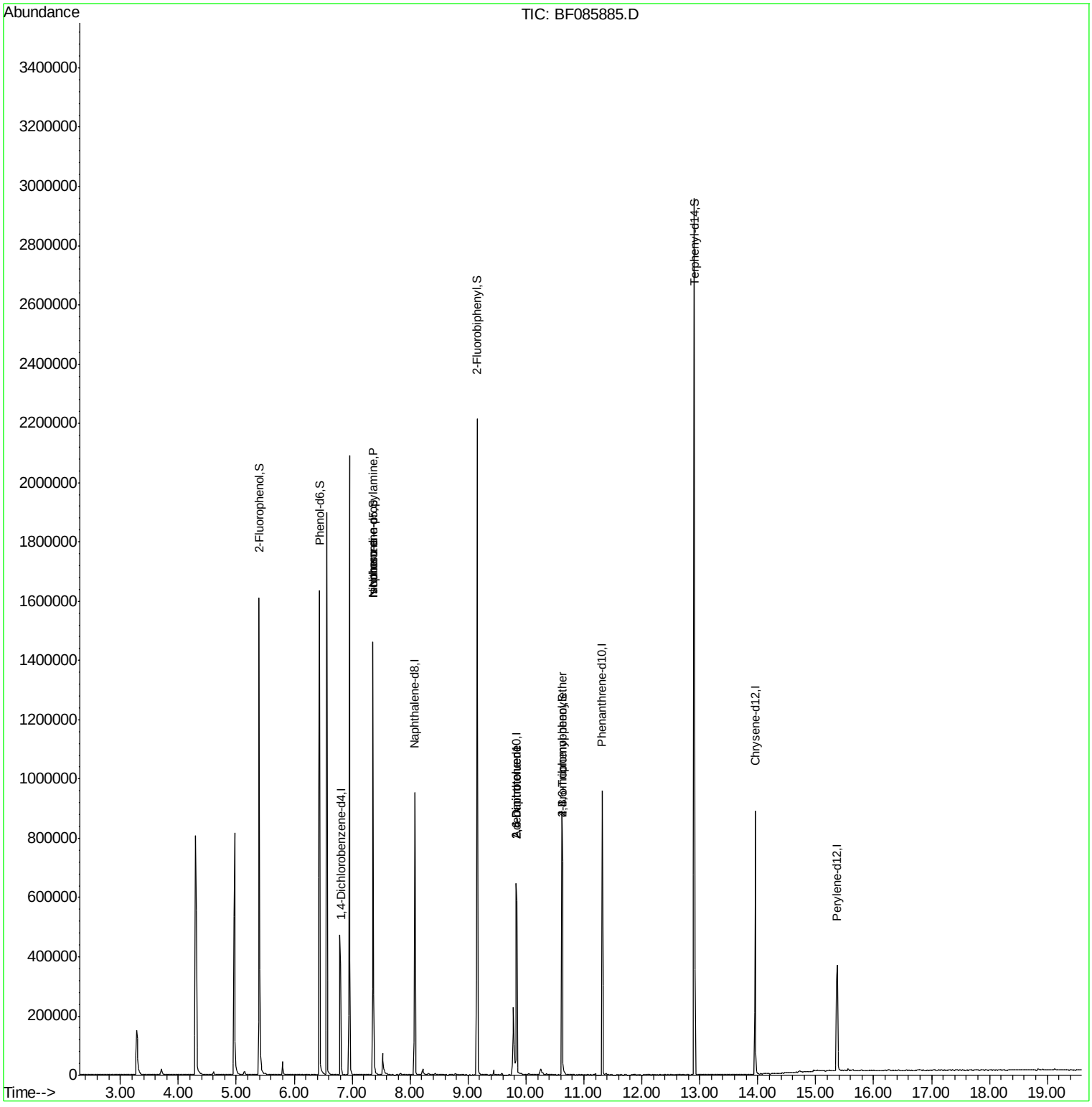
(#) = qualifier out of range (m) = manual integration (+) = signals summed

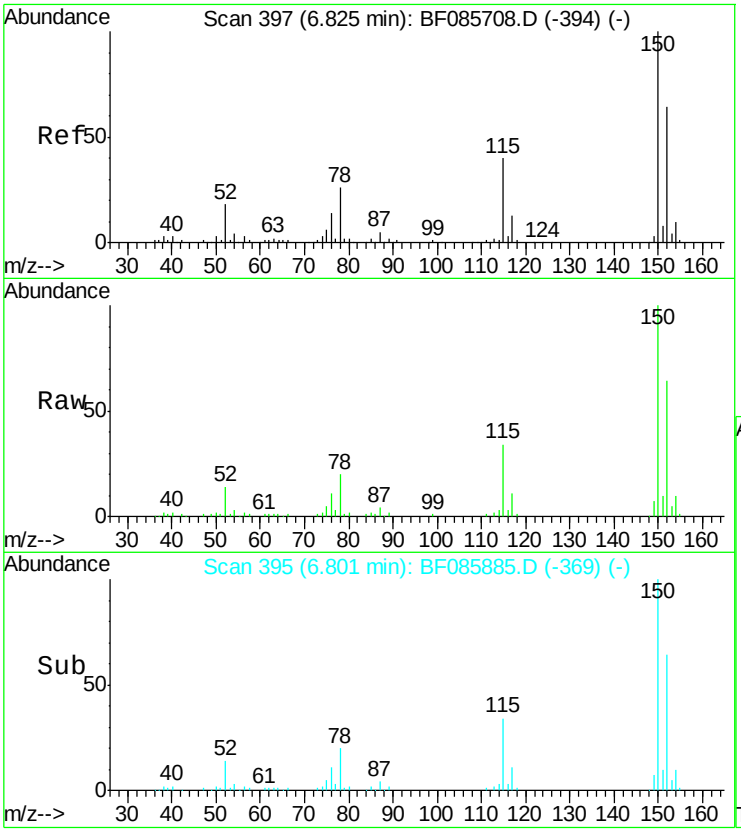
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085885.D
Acq On : 30 Mar 2016 14:43
Operator : UM/SJ
Sample : PB89280BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Quant Time: Mar 31 00:03:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



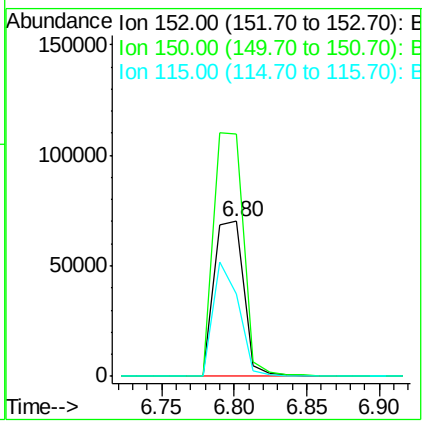


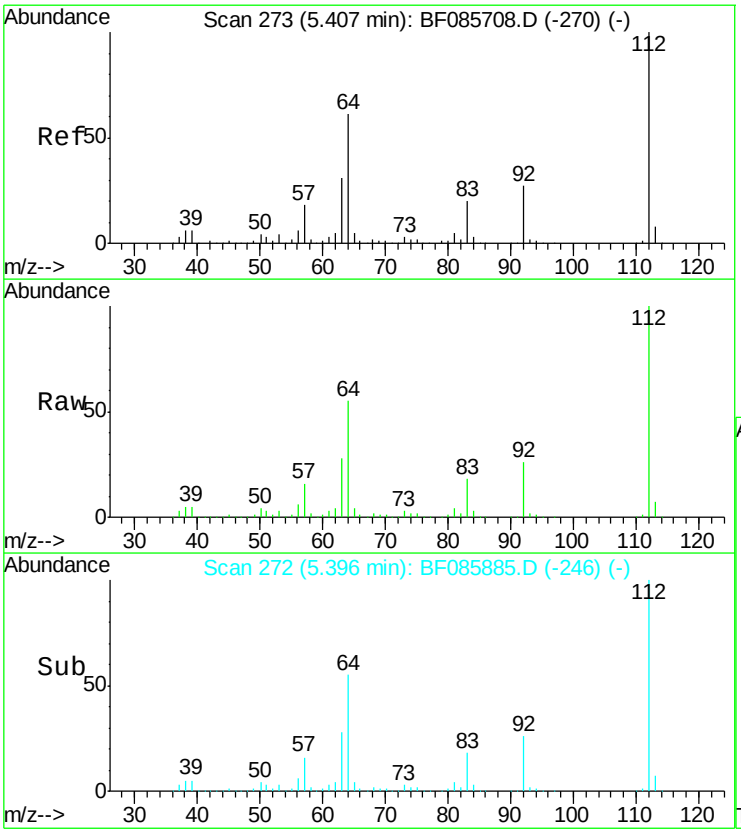
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:152 Resp: 99951

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	53.0	47.0	70.6

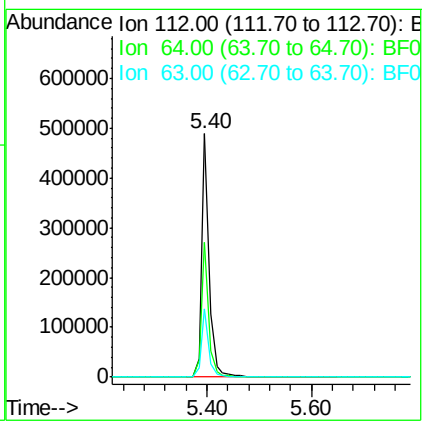


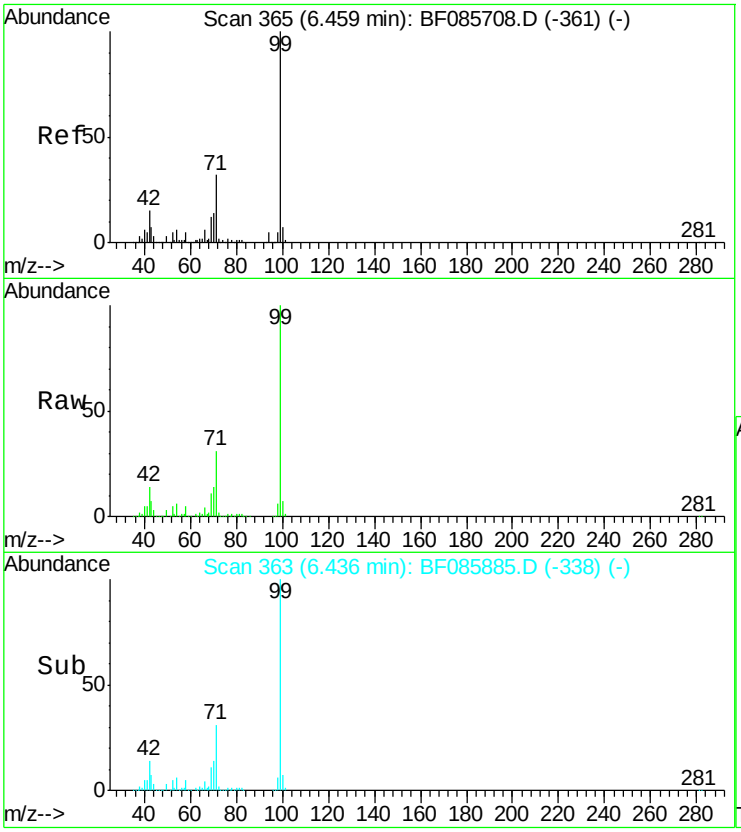


#5
2-Fluorophenol
Concen: 80.78 ng
RT: 5.40 min Scan# 272
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:112 Resp: 484805

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.9	59.9
63	28.2	20.2	30.2



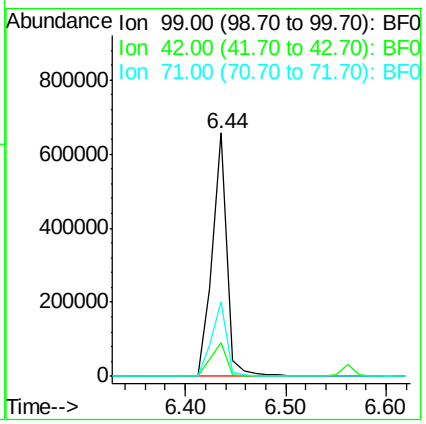


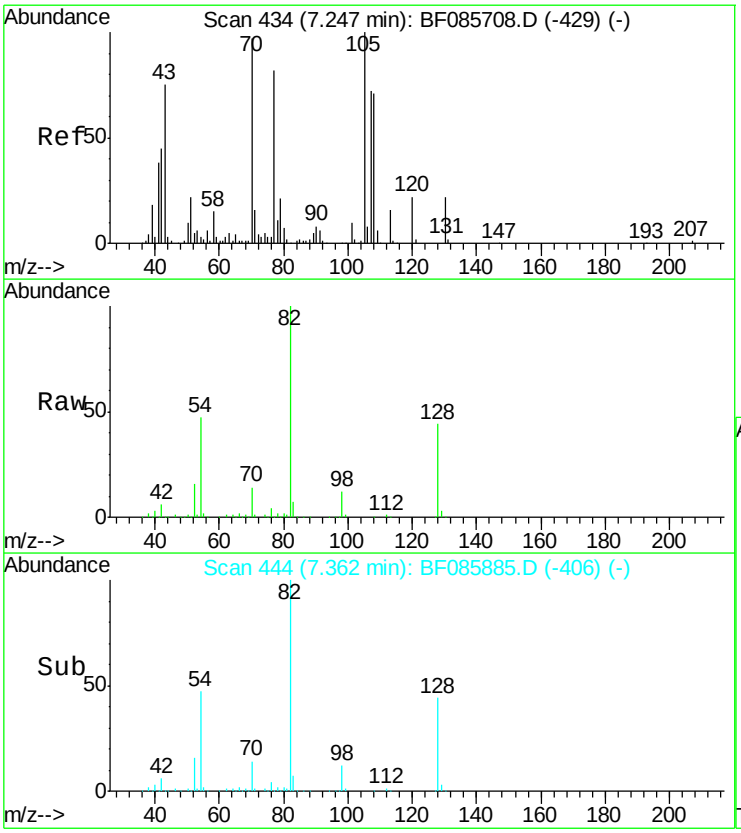
#7
Phenol-d6
Concen: 87.26 ng
RT: 6.44 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion: 99 Resp: 665844

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.1	16.7
71	30.9	24.9	37.3

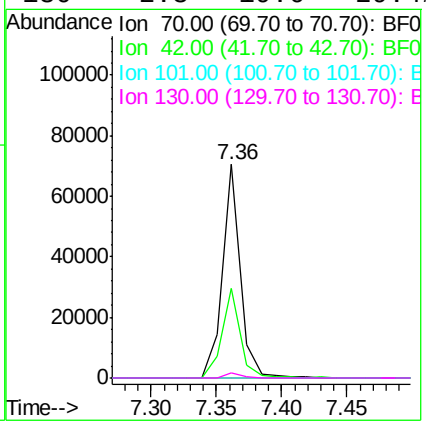


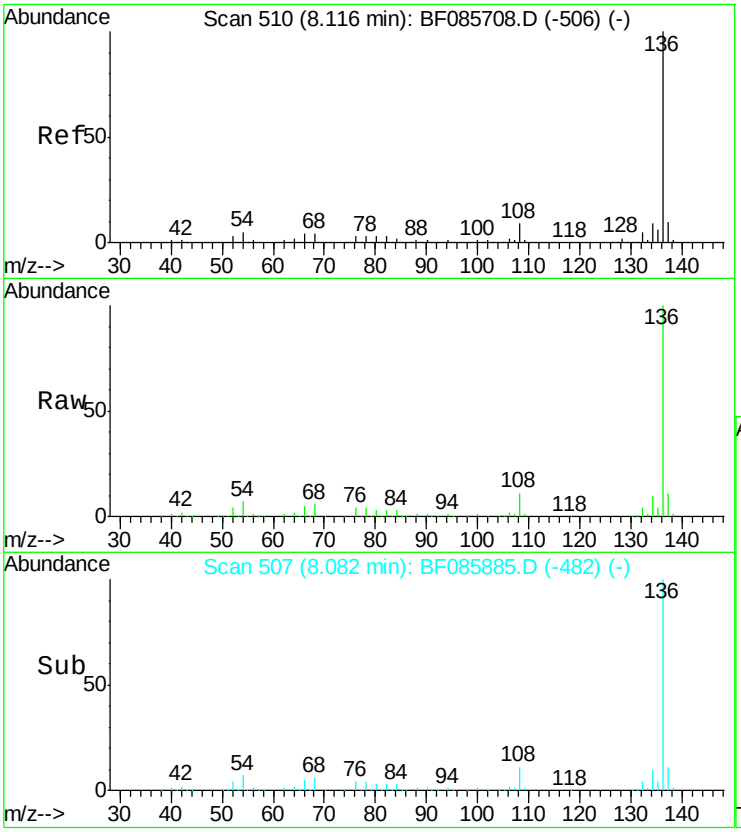


#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion: 70 Resp: 67646

Ion	Ratio	Lower	Upper
70	100		
42	41.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



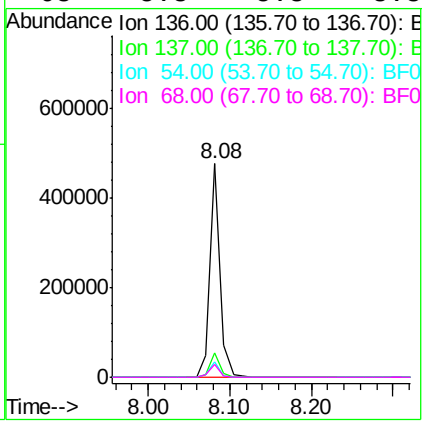


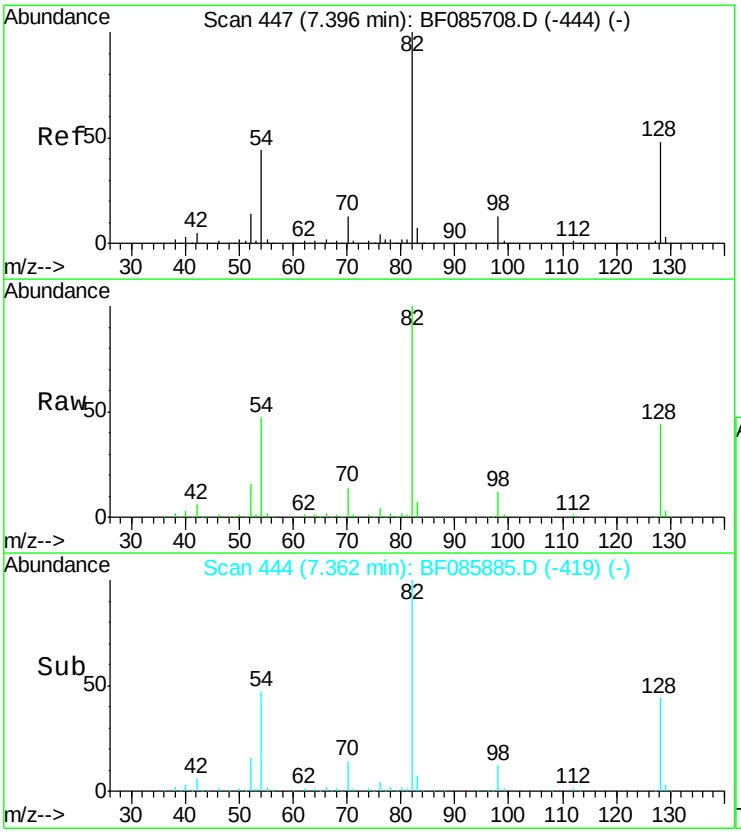
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:136 Resp: 419719

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	7.4	11.0#
68	5.8	5.8	8.8

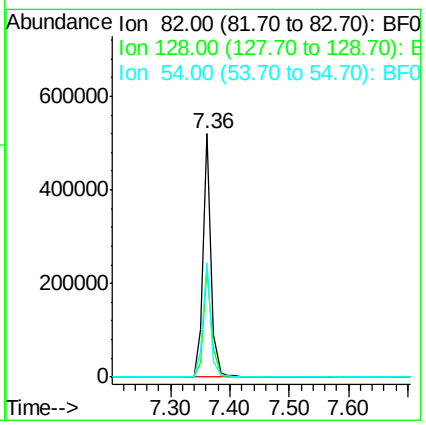


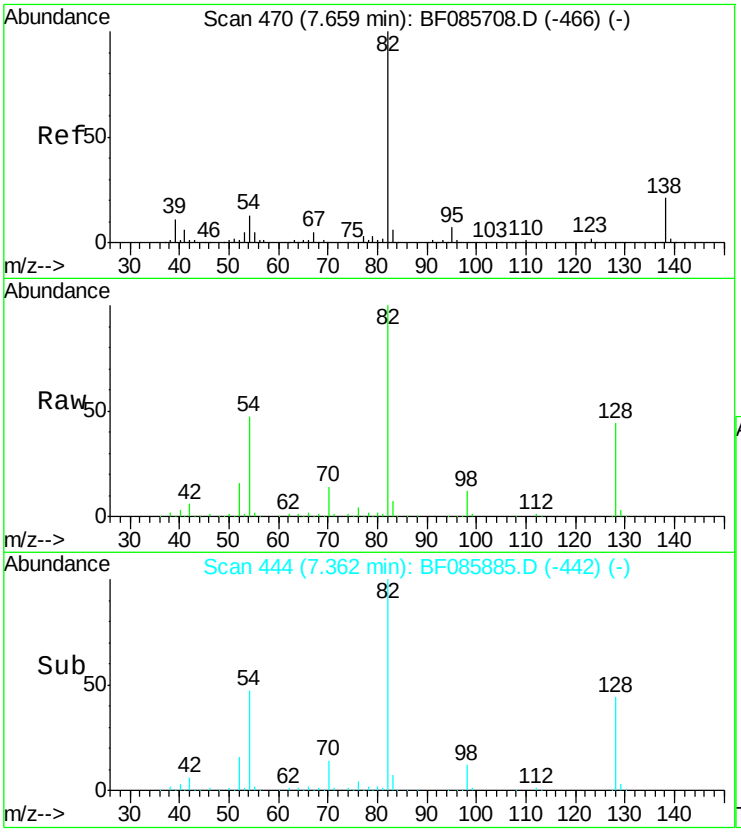


#23
Nitrobenzene-d5
Concen: 68.26 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion: 82 Resp: 508740

Ion	Ratio	Lower	Upper
82	100		
128	43.8	41.8	62.8
54	46.8	33.4	50.0



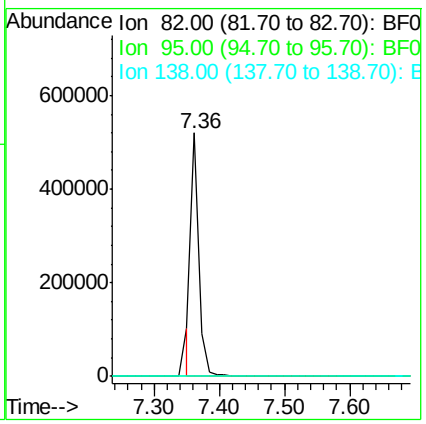


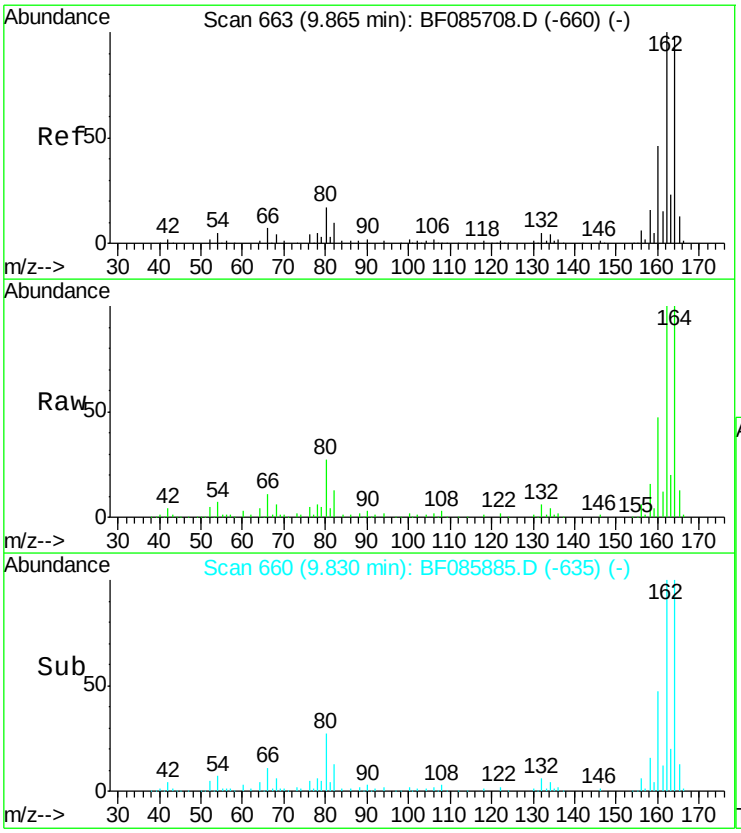
#25
Isophorone
Concen: 30.50 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion: 82 Resp: 437964

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

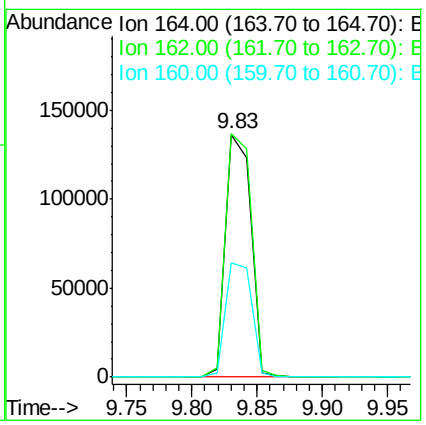


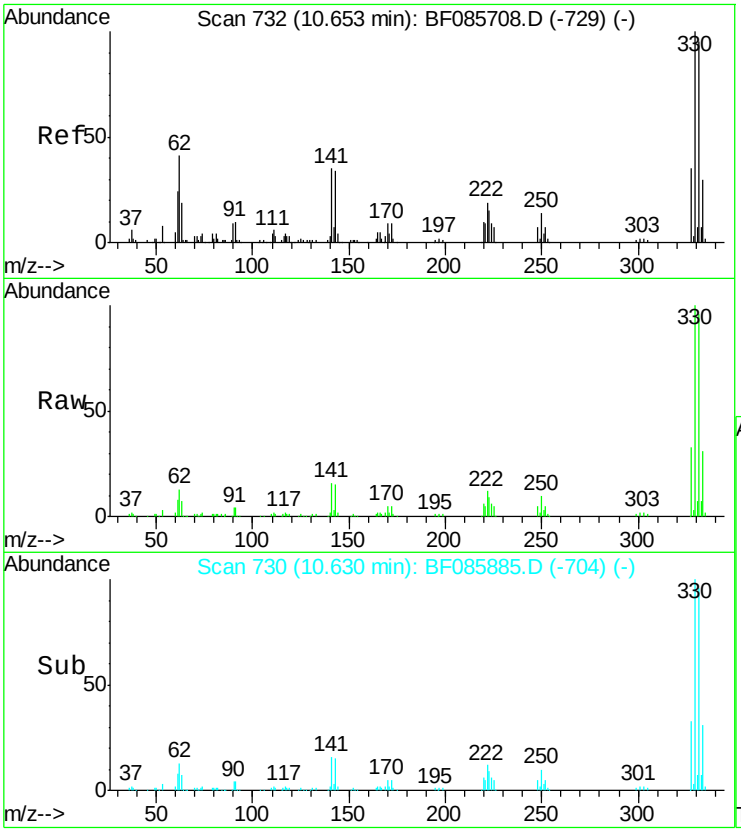


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:164 Resp: 184268

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	47.0	37.4	56.2



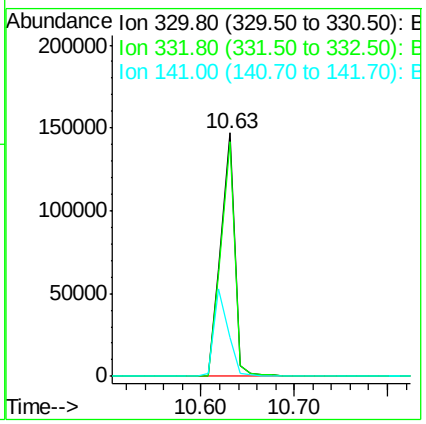


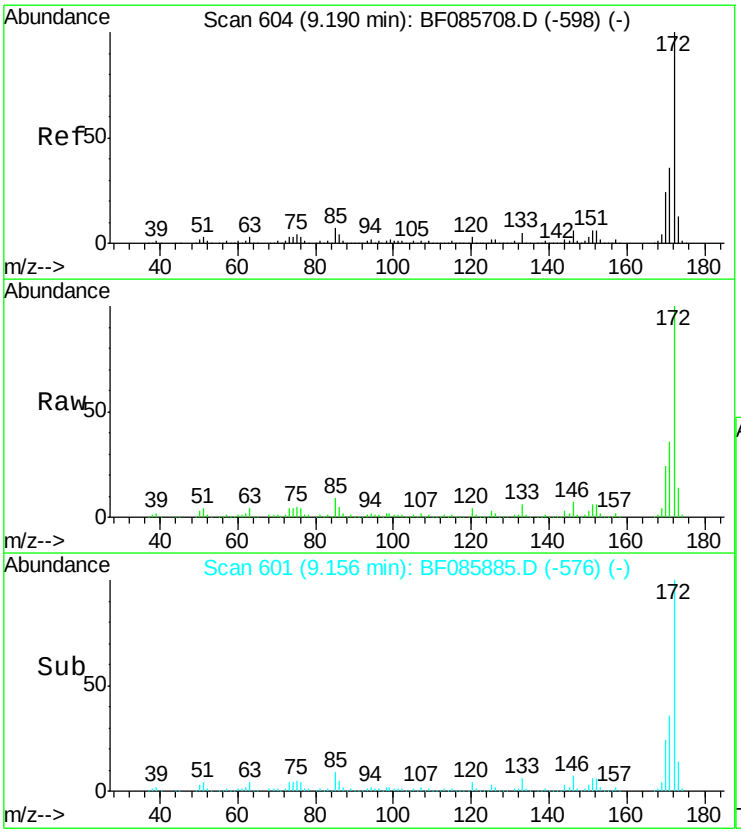
#41
2,4,6-Tribromophenol
Concen: 87.92 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:330 Resp: 153934

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	36.5	31.5	47.3

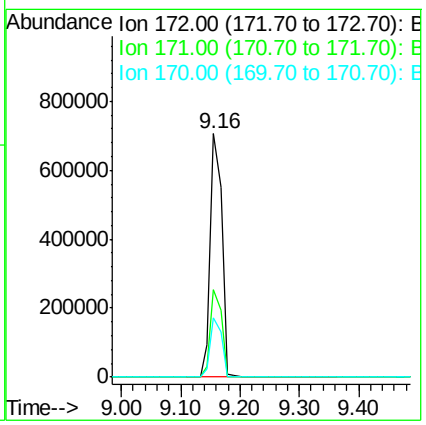


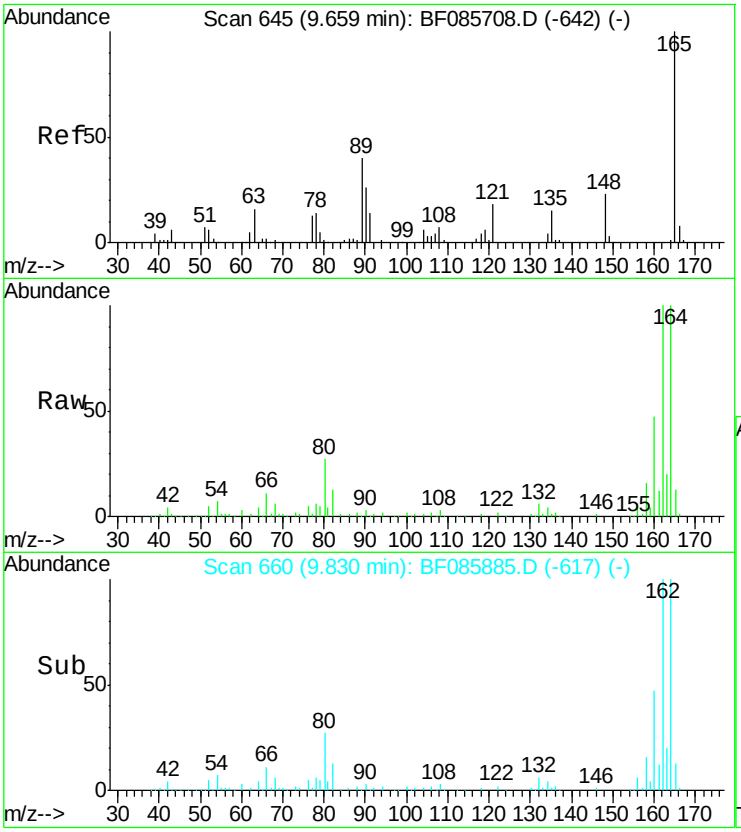


#44
2-Fluorobiphenyl
Concen: 85.35 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:172 Resp: 941368

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	19.8	29.6



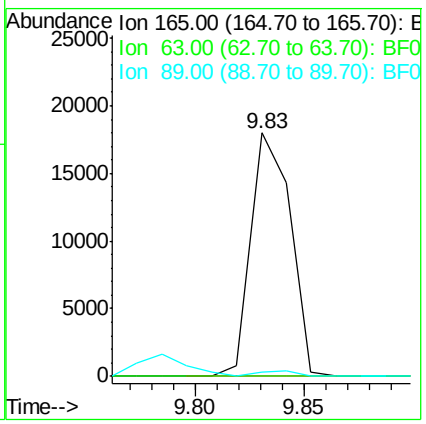


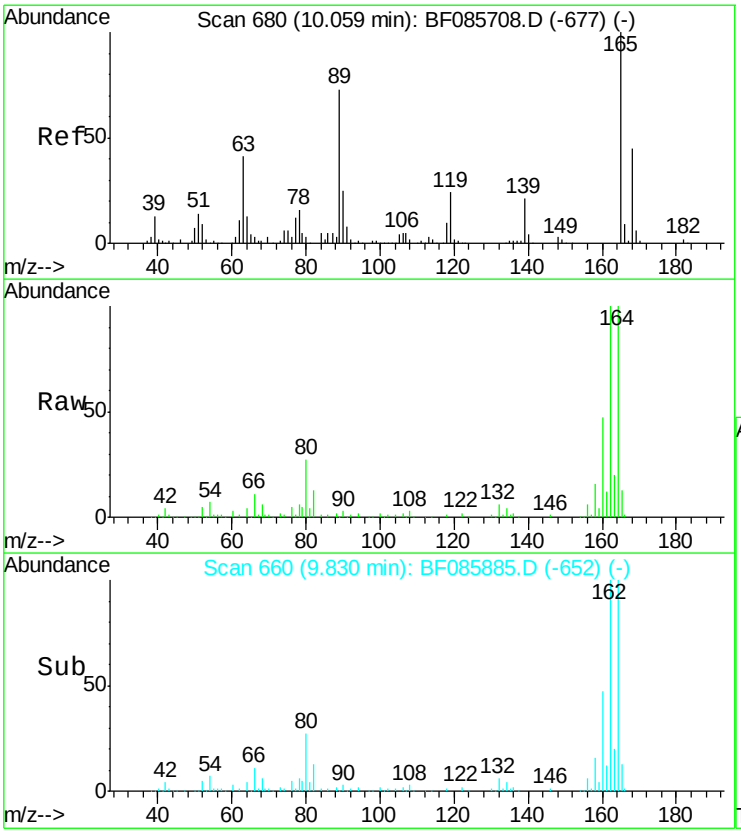
#50
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:165 Resp: 22909

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	1.8	53.7	80.5#

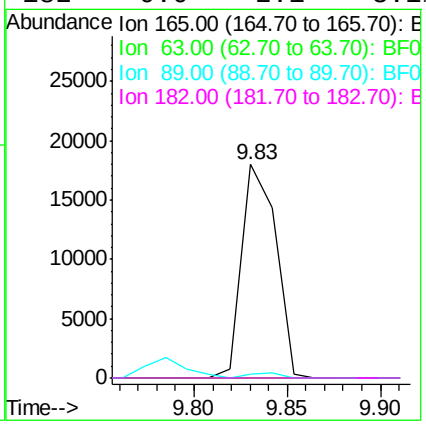


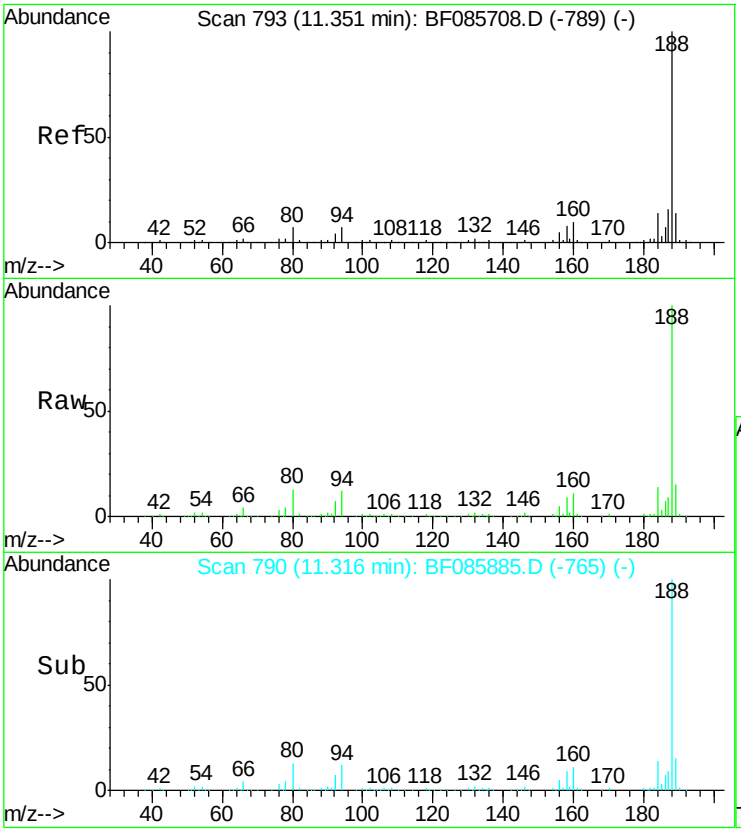


#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:165 Resp: 22910

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#



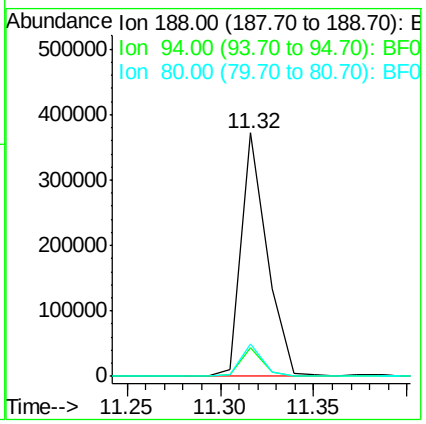


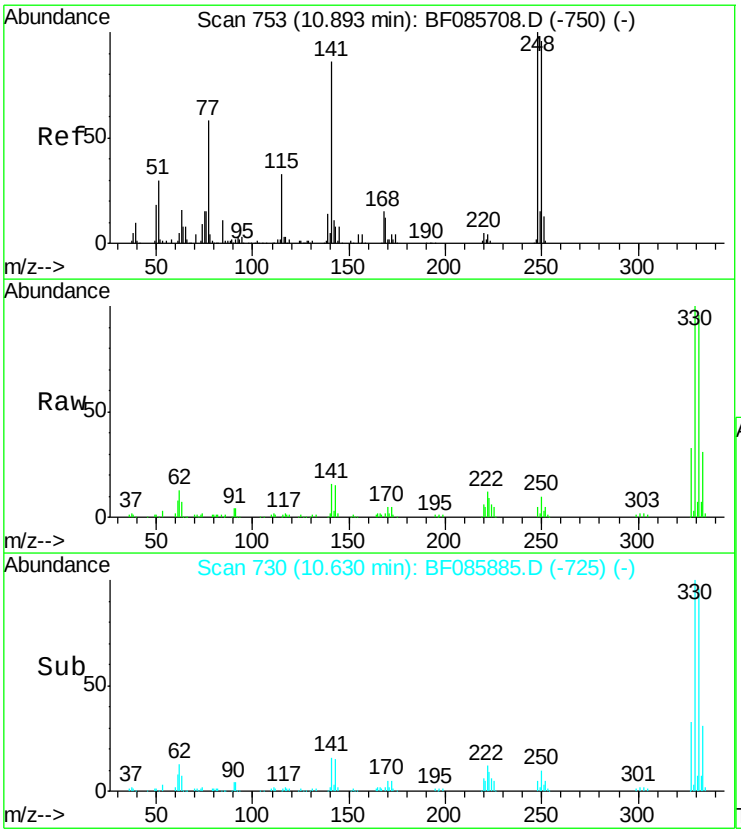
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:188 Resp: 358556

Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.4	8.0#
80	13.1	5.5	8.3#

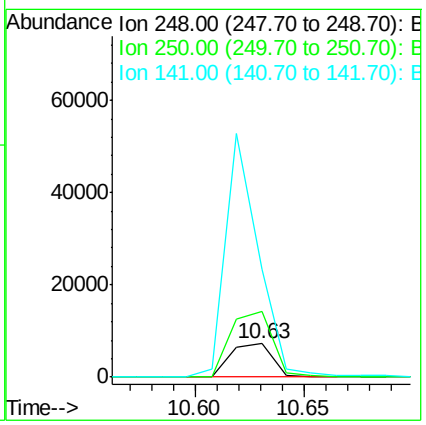


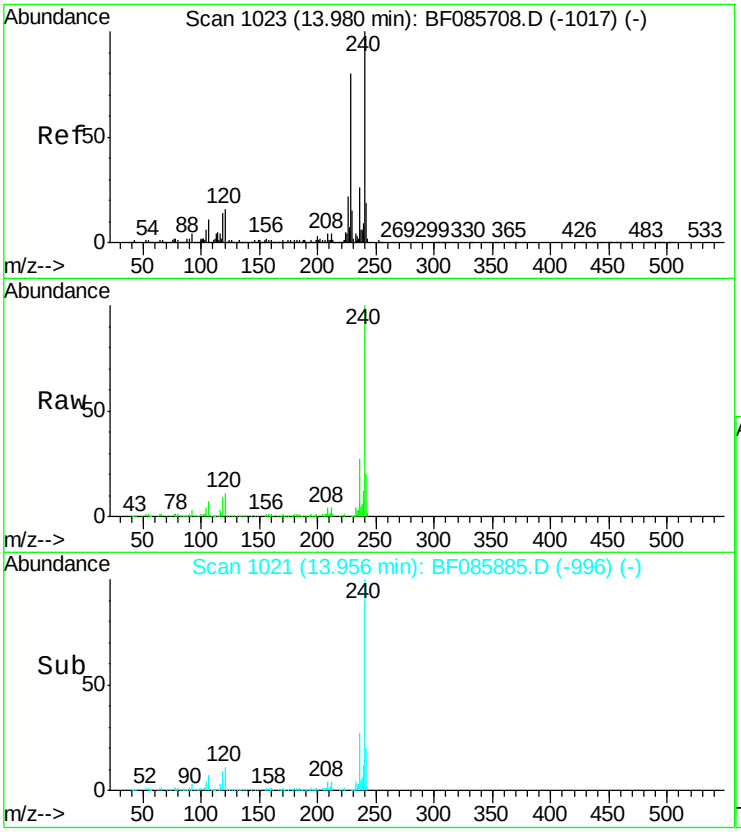


#66
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 10.63 min Scan# 730
Delta R.T. -0.24 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:248 Resp: 9736

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.4	116.0#
141	322.6	63.6	95.4#



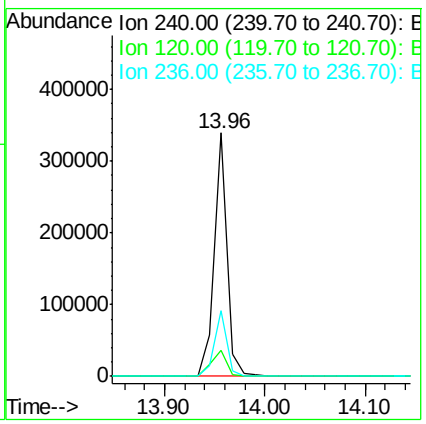


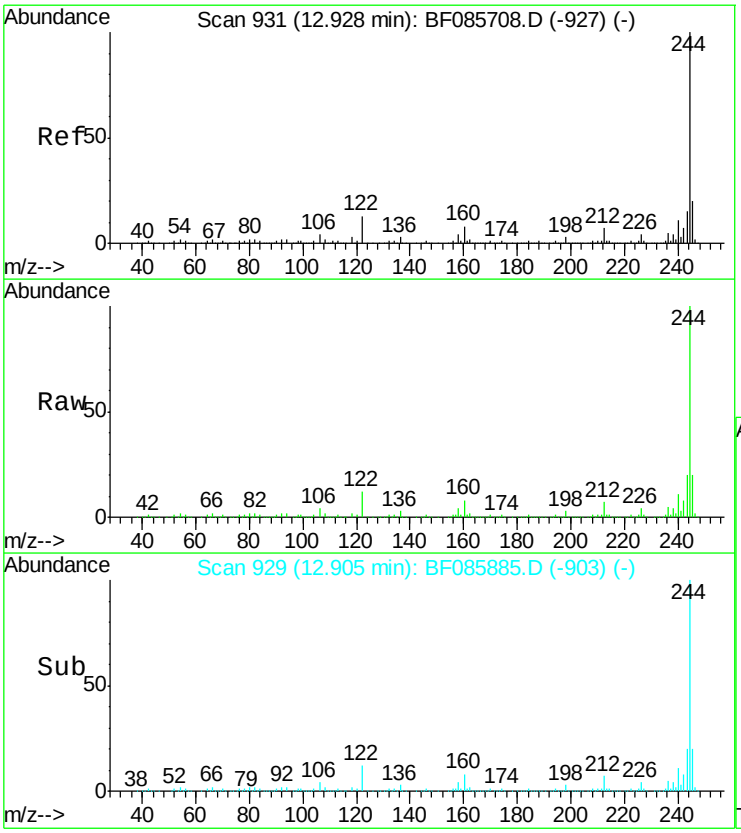
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:240 Resp: 300174

Ion	Ratio	Lower	Upper
240	100		
120	10.7	13.8	20.8#
236	26.7	20.6	30.8

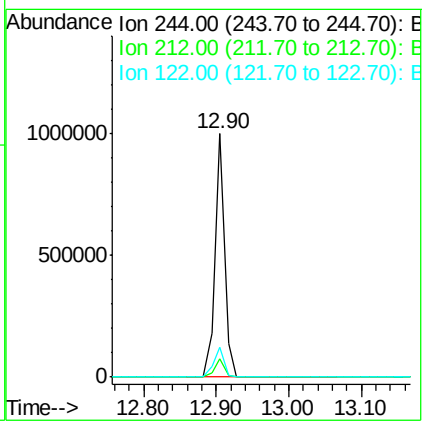


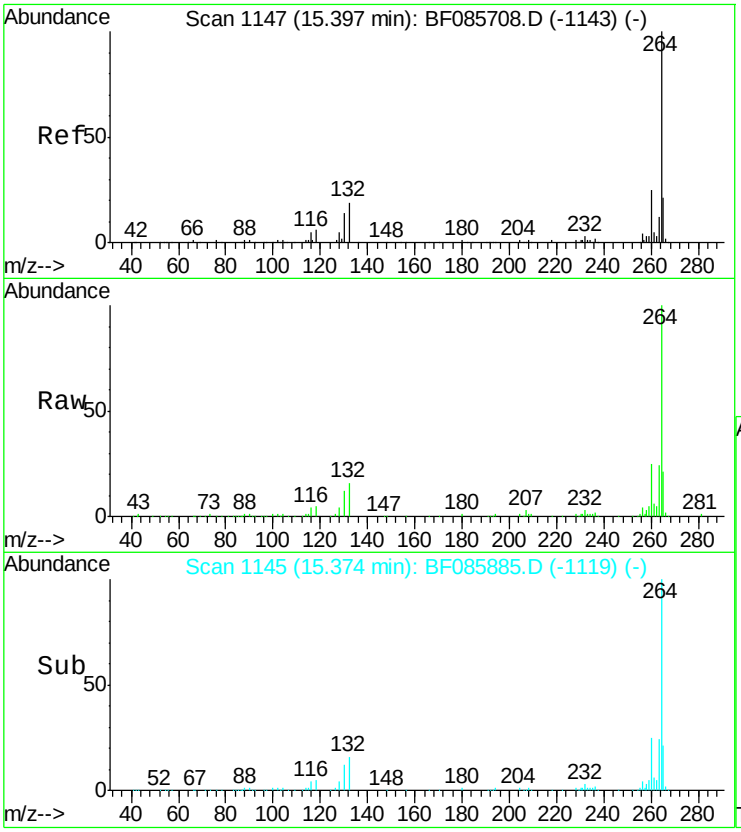


#78
Terphenyl-d14
Concen: 62.45 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:244 Resp: 911530

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.4	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:264 Resp: 182981

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	21.1	17.2	25.8