Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085223.D
Acq On : 5 Mar 2016 00:48
Operator : SJ/IZ
Sample : H1676-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Time: Mar 05 01:30:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148816	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	588277	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	272165	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	529675	20.00	ng		-0.01
75) Chrysene-d12	14.13	240	354400	20.00	ng		-0.02
86) Perylene-d12	15.60	264	248672	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1100068	124.00	ng		0.01
7) Phenol-d6	6.60	99	1277598	109.91	ng		-0.01
23) Nitrobenzene-d5	7.53	82	960391	87.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	374653	160.88	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1442109	80.58	ng		-0.02
78) Terphenyl-d14	13.08	244	1524302	99.85	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	128508	16.96	ng	#	77
31) Naphthalene	8.28	128	648055	22.40	ng		98
32) Benzoic acid	7.94	122	19141	2.90	ng		94
33) 4-Chloroaniline	8.28	127	85460	7.30	ng	#	33
50) 2,6-Dinitrotoluene	10.01	165	35009	7.83	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	35011	6.12	ng	#	22
66) 4-Bromophenyl-phenylether	10.80	248	26089	5.07	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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Acq On : 5 Mar 2016 00:48
Operator : SJ/IZ
Sample : H1676-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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SP-001(0-2)

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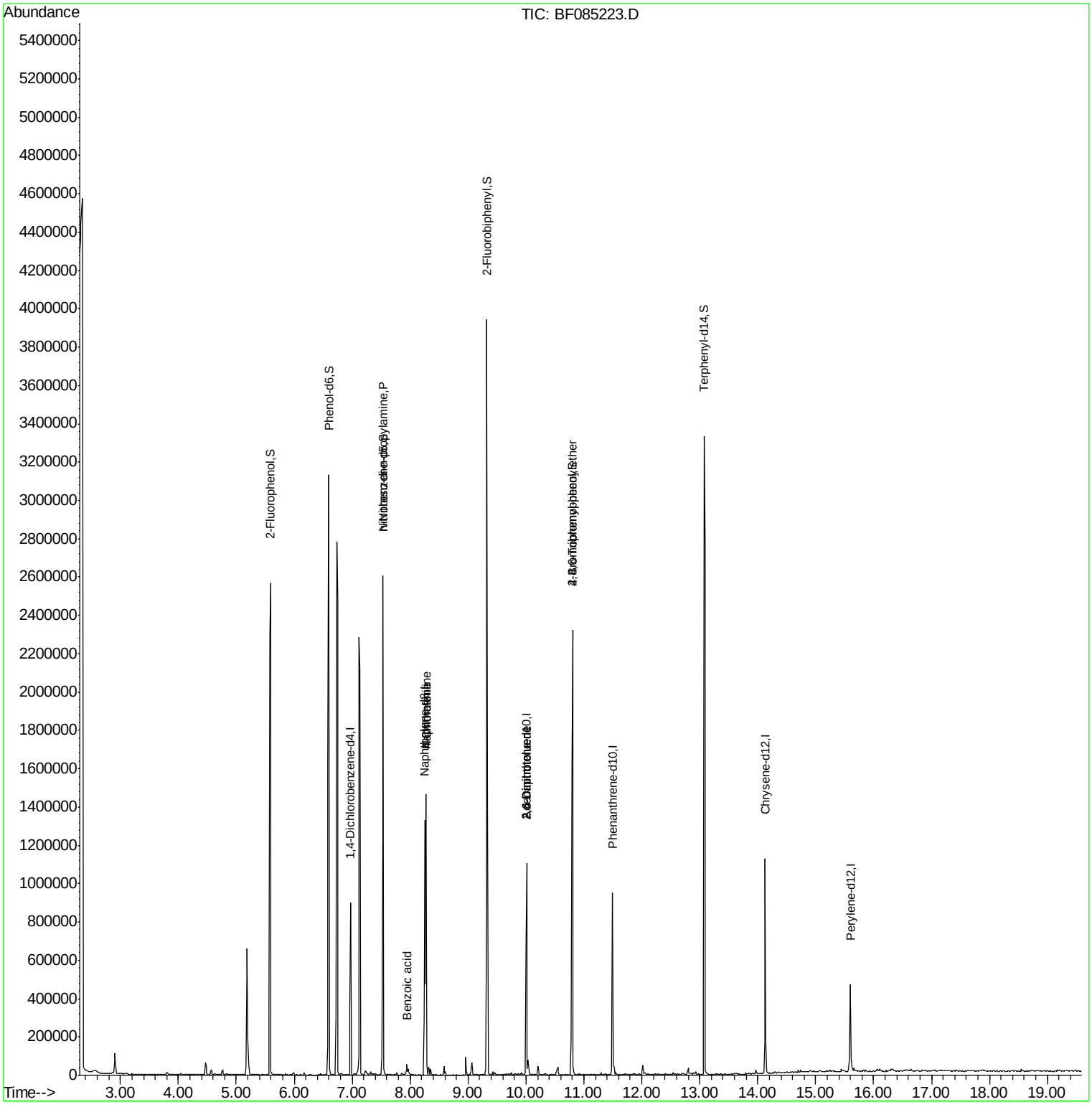
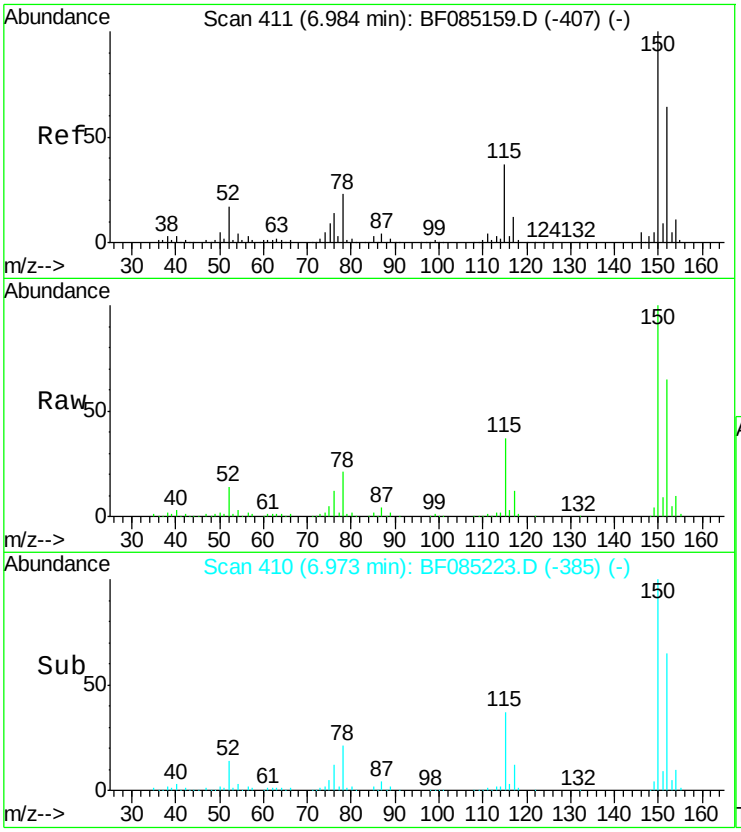


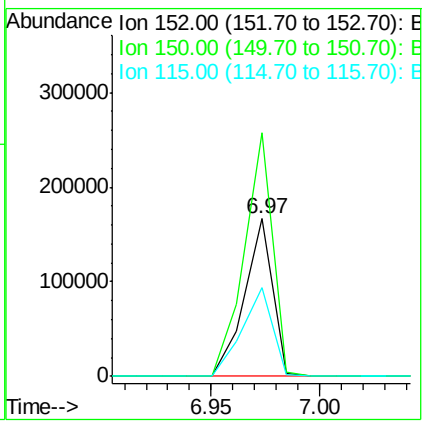


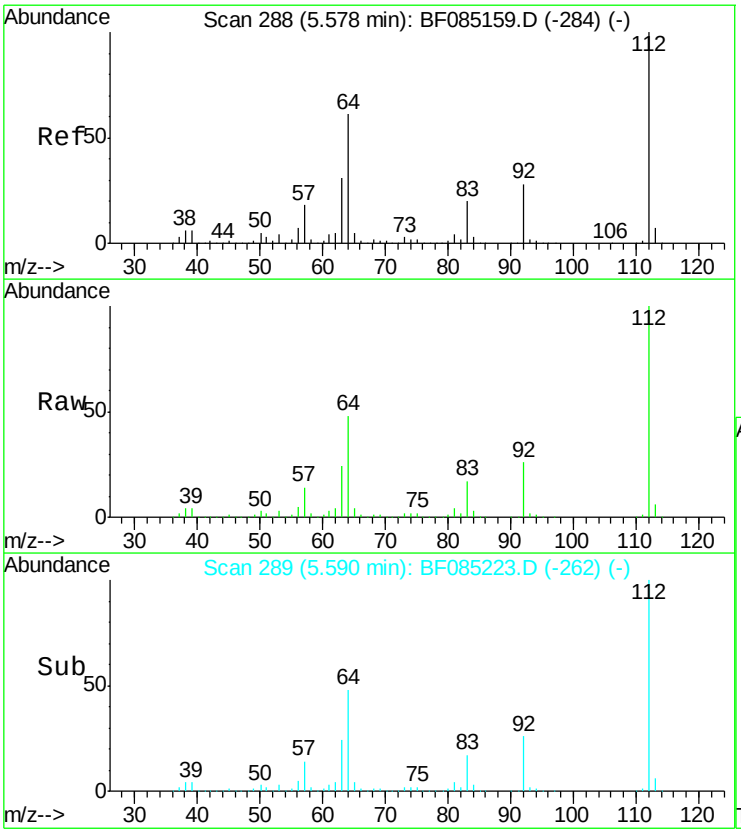
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:152 Resp: 148816

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	56.5	46.6	70.0

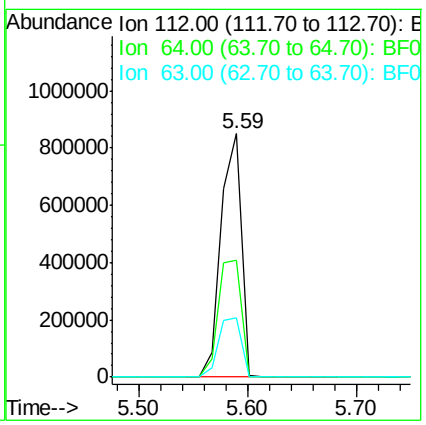


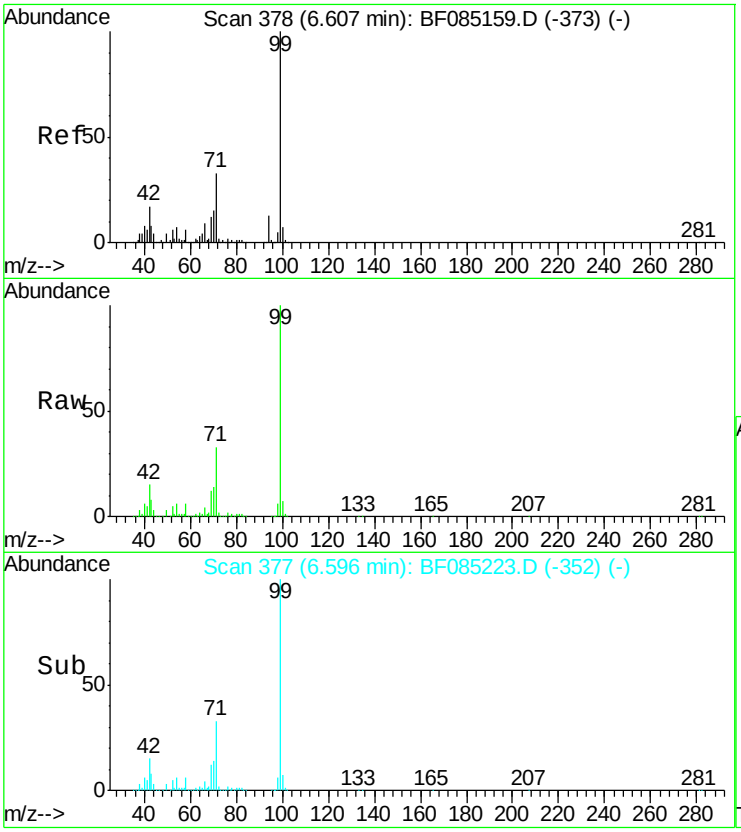


#5
2-Fluorophenol
Concen: 124.00 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:112 Resp: 1100068

Ion	Ratio	Lower	Upper
112	100		
64	48.2	49.0	73.4#
63	24.2	24.8	37.2#



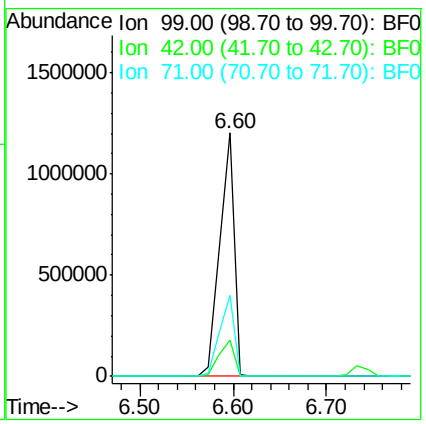


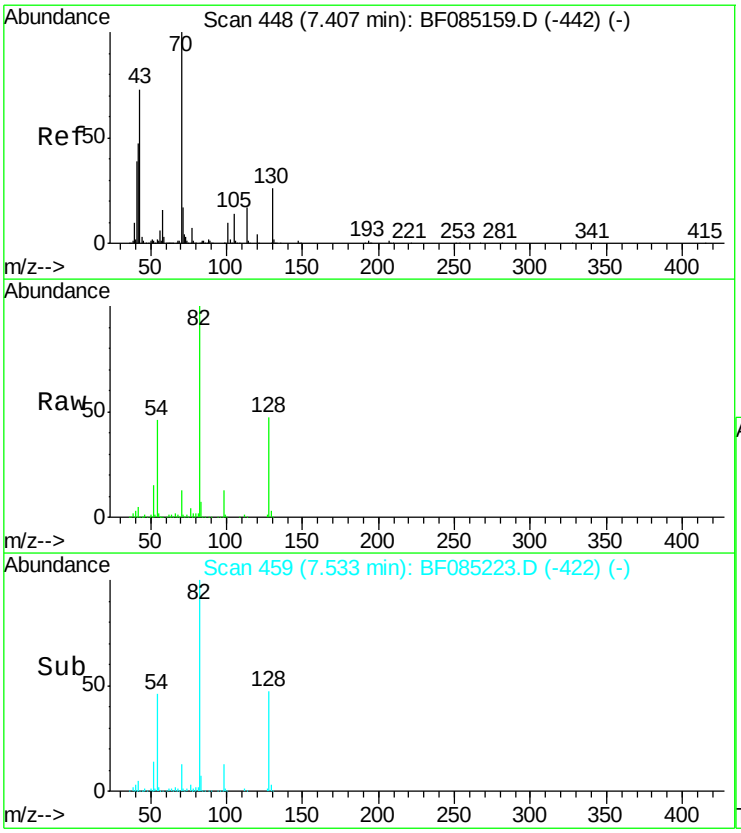
#7
Phenol-d6
Concen: 109.91 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion: 99 Resp: 1277598

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.6	20.4
71	33.1	26.7	40.1

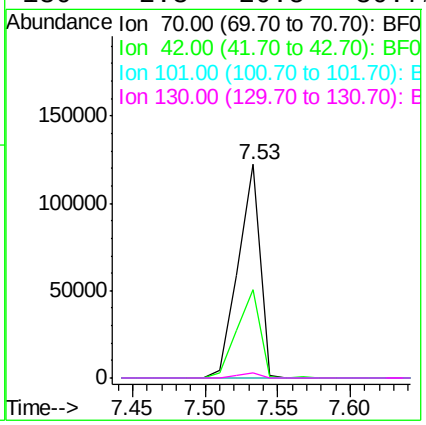


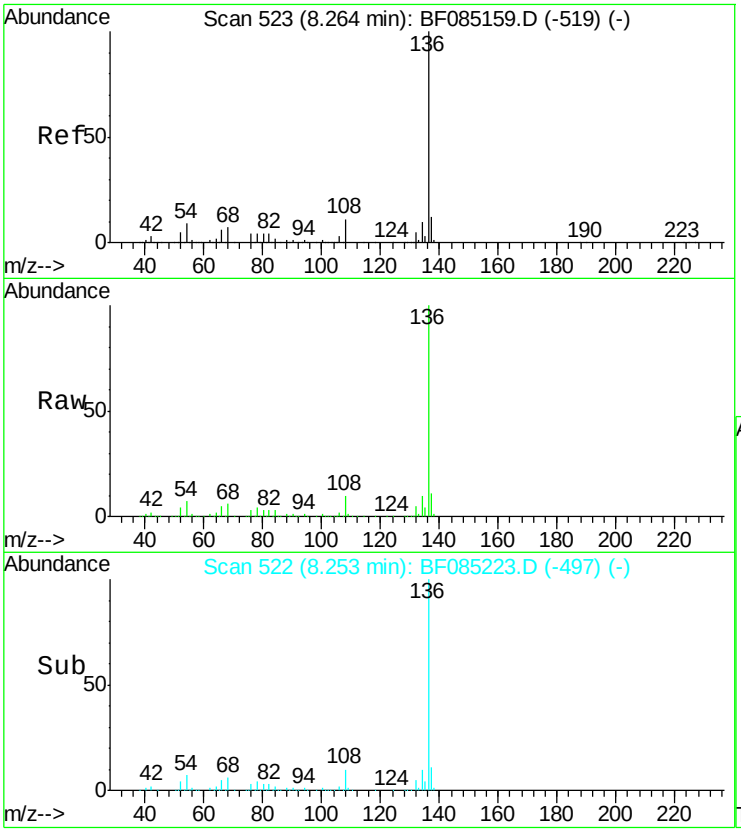


#19
n-Nitroso-di-n-propylamine
Concen: 16.96 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion: 70 Resp: 128508

Ion	Ratio	Lower	Upper
70	100		
42	41.2	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#



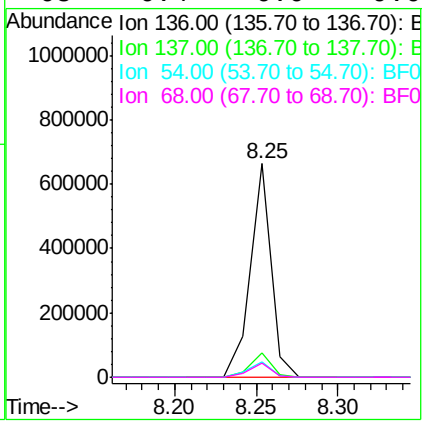


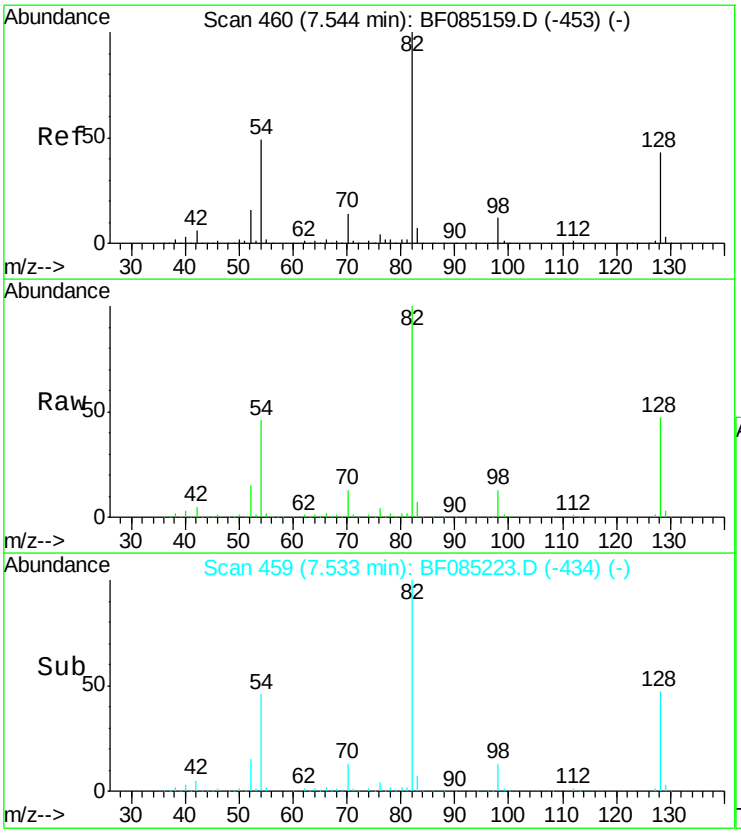
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:136 Resp: 588277

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.4	7.4	11.2#
68	6.4	6.0	9.0

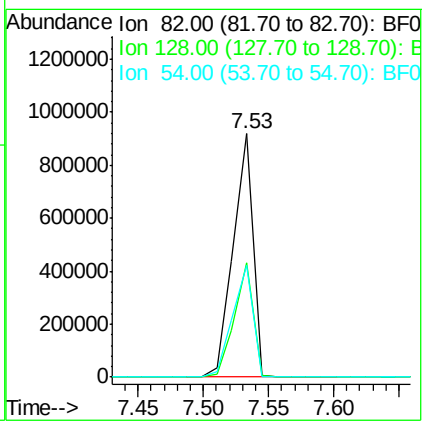


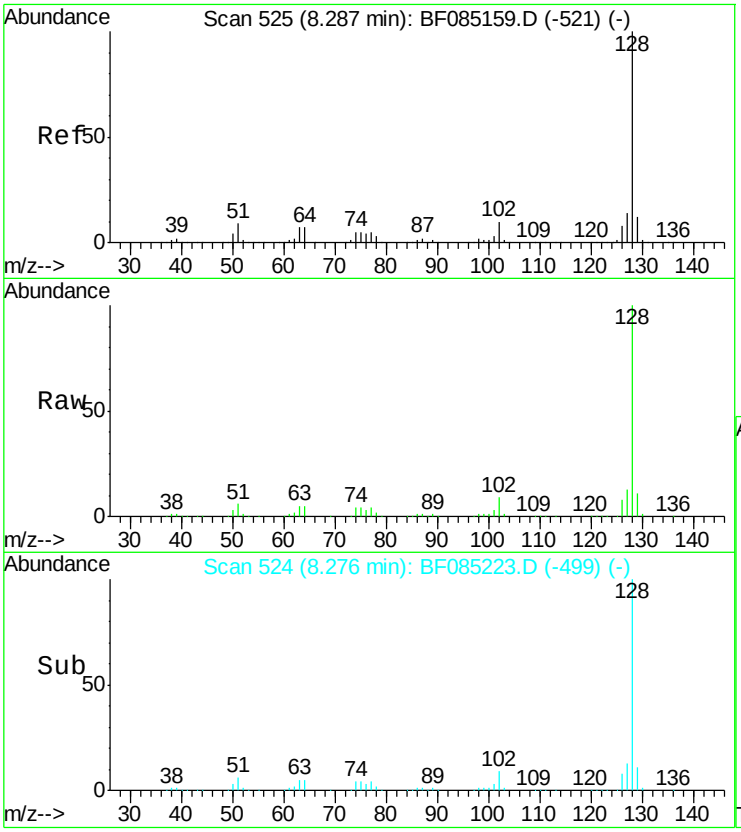


#23
Nitrobenzene-d5
Concen: 87.36 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion: 82 Resp: 960391

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.5	51.7
54	45.9	39.3	58.9



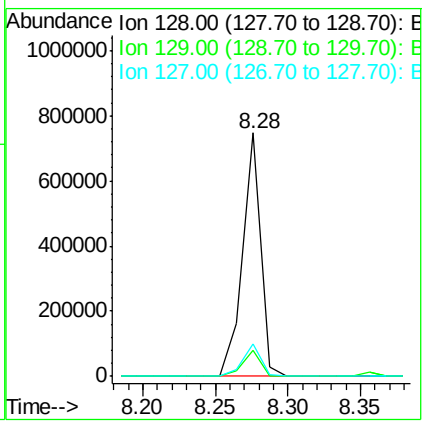


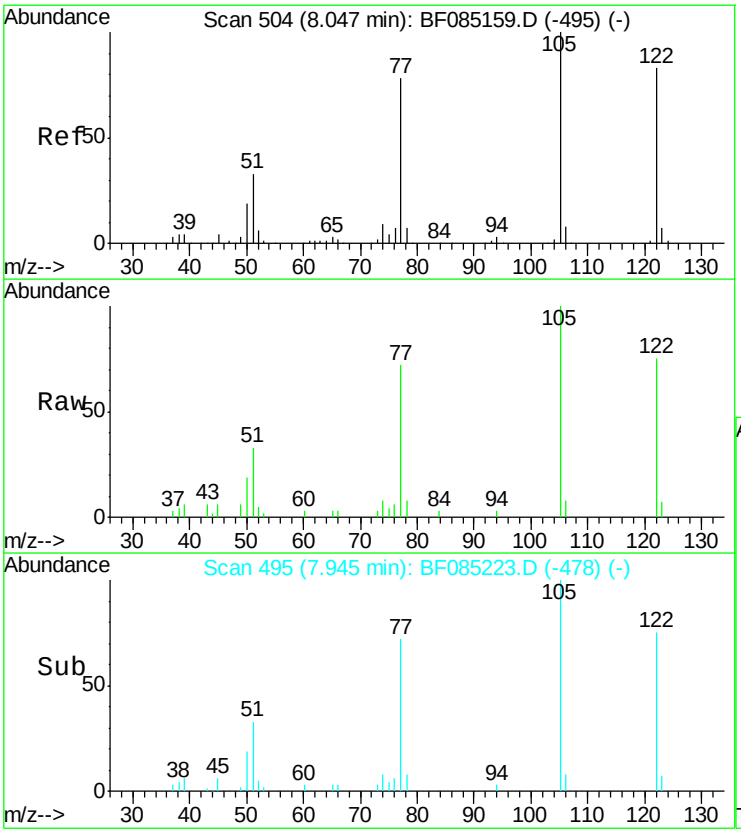
#31
Naphthalene
Concen: 22.40 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:128 Resp: 648055

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.7	14.5
127	13.2	11.2	16.8

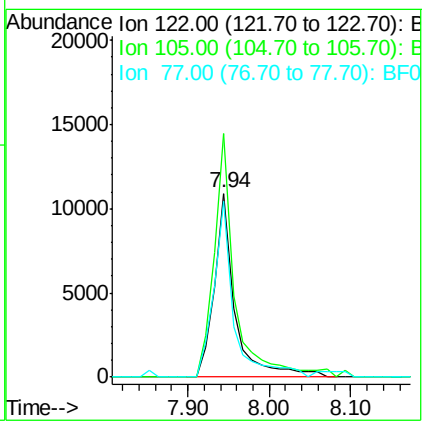


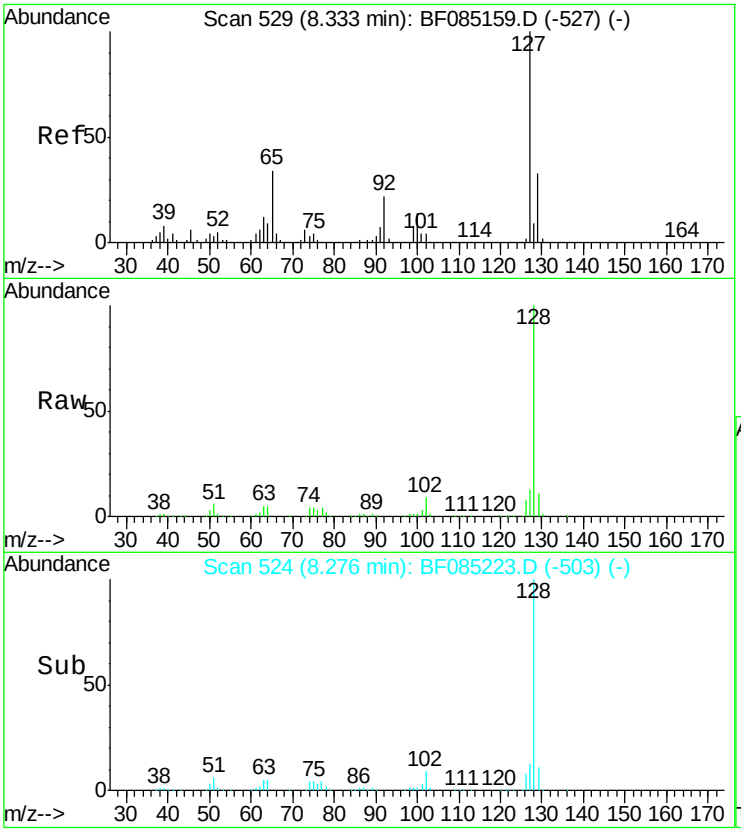


#32
Benzoic acid
Concen: 2.90 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.10 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:122 Resp: 19141

Ion	Ratio	Lower	Upper
122	100		
105	132.6	101.3	141.3
77	95.5	74.7	114.7



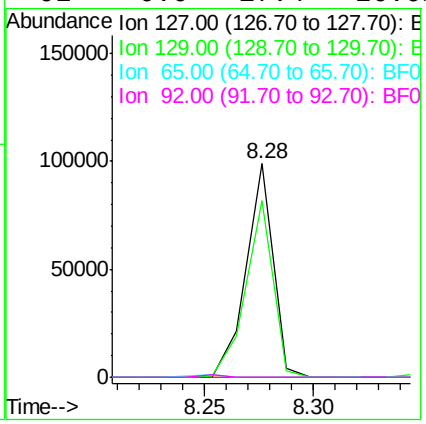


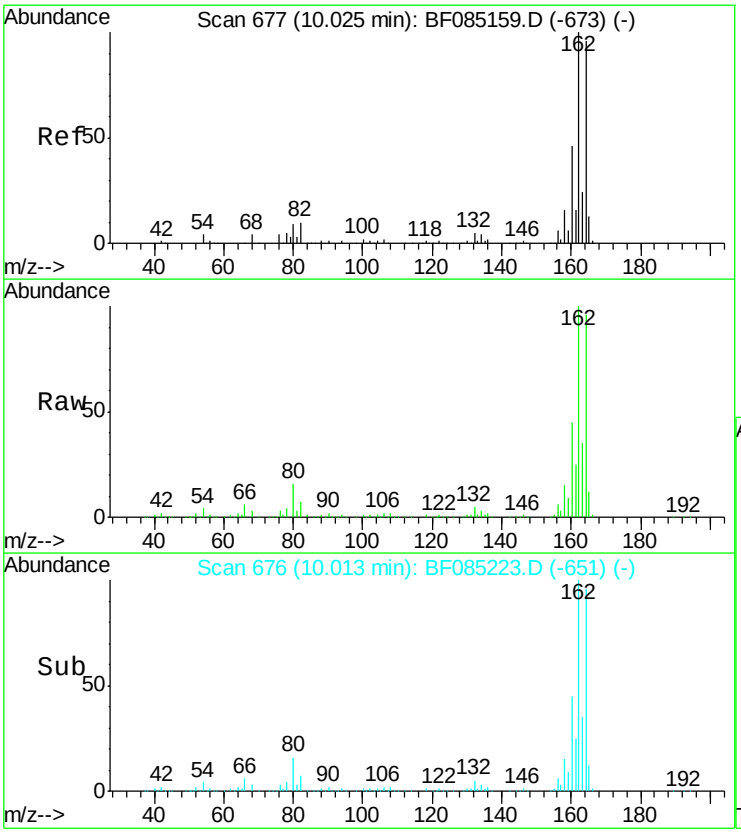
#33
4-Chloroaniline
Concen: 7.30 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:127 Resp: 85460

Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.1	39.1#
65	0.0	27.0	40.6#
92	0.0	17.4	26.0#

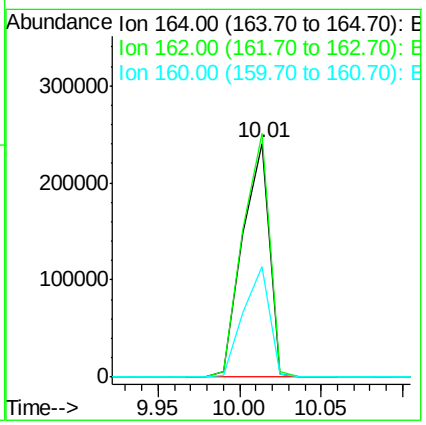


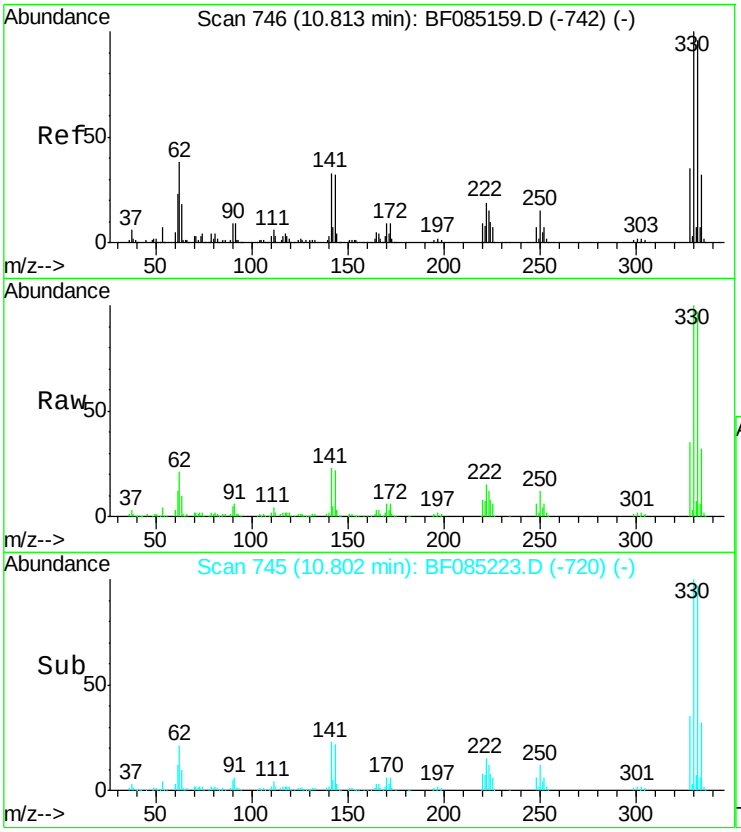


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:164 Resp: 272165

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.3	124.9
160	47.3	37.9	56.9



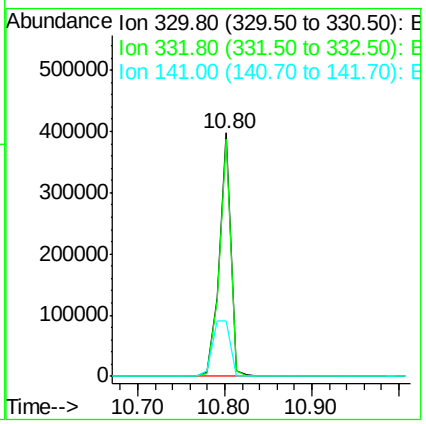


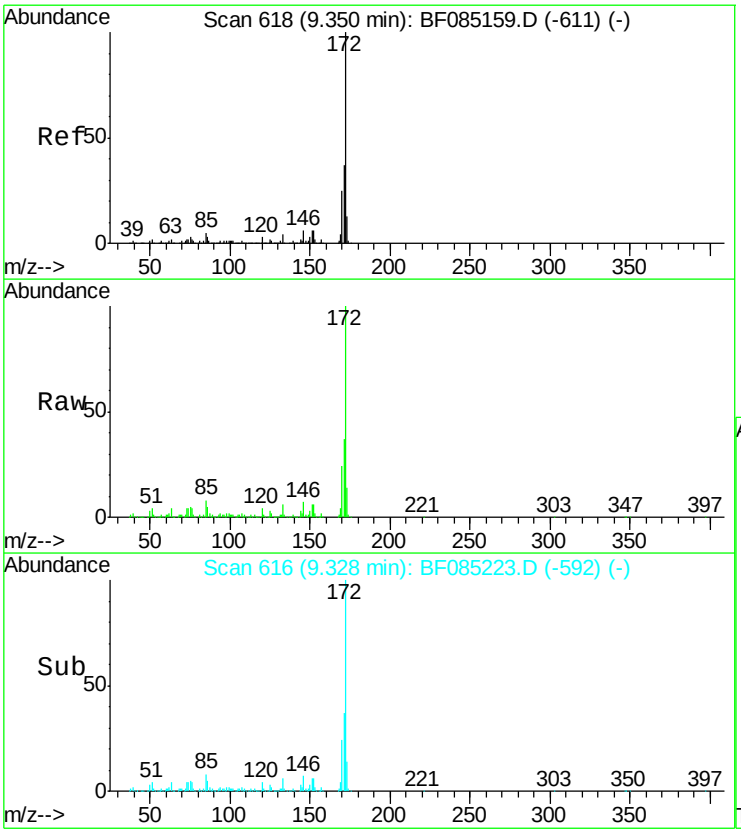
#41
2,4,6-Tribromophenol
Concen: 160.88 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:330 Resp: 374653

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	35.4	35.0	52.6

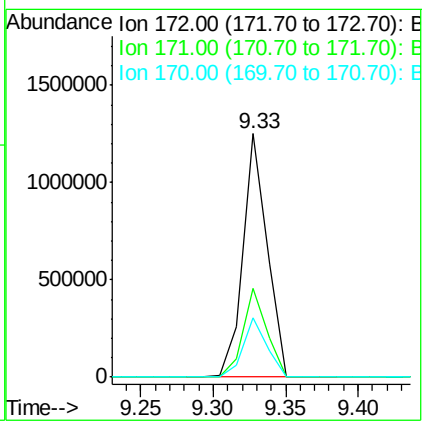


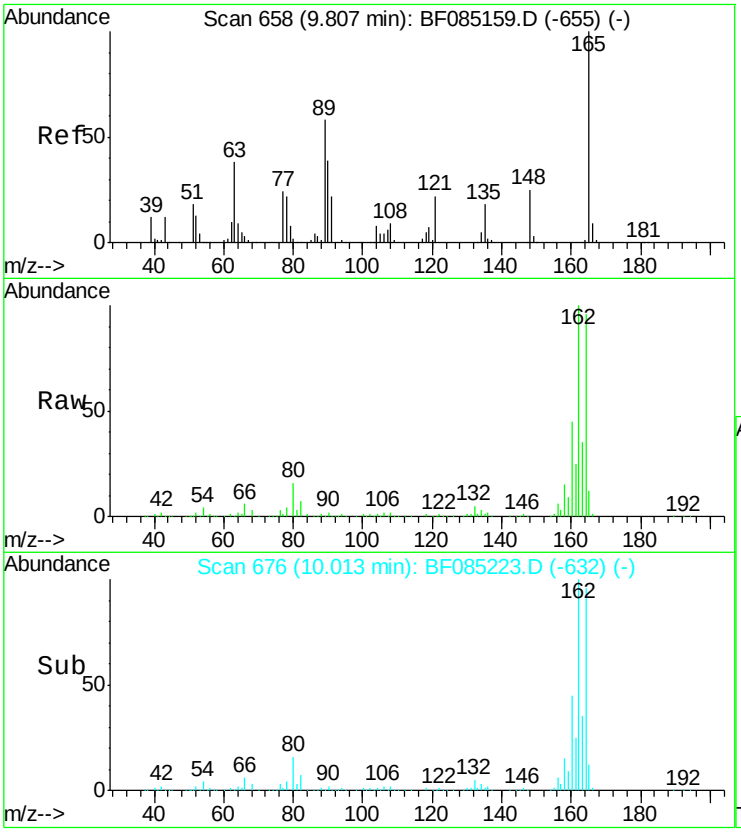


#44
2-Fluorobiphenyl
Concen: 80.58 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:172 Resp: 1442109

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.5	20.0	30.0



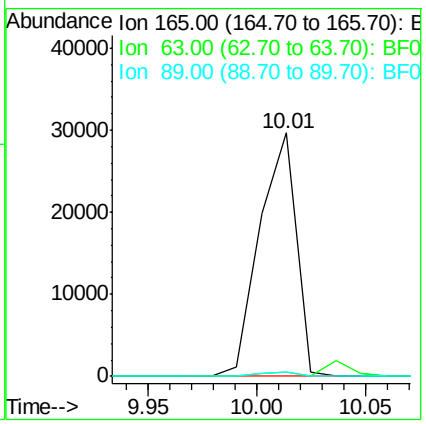


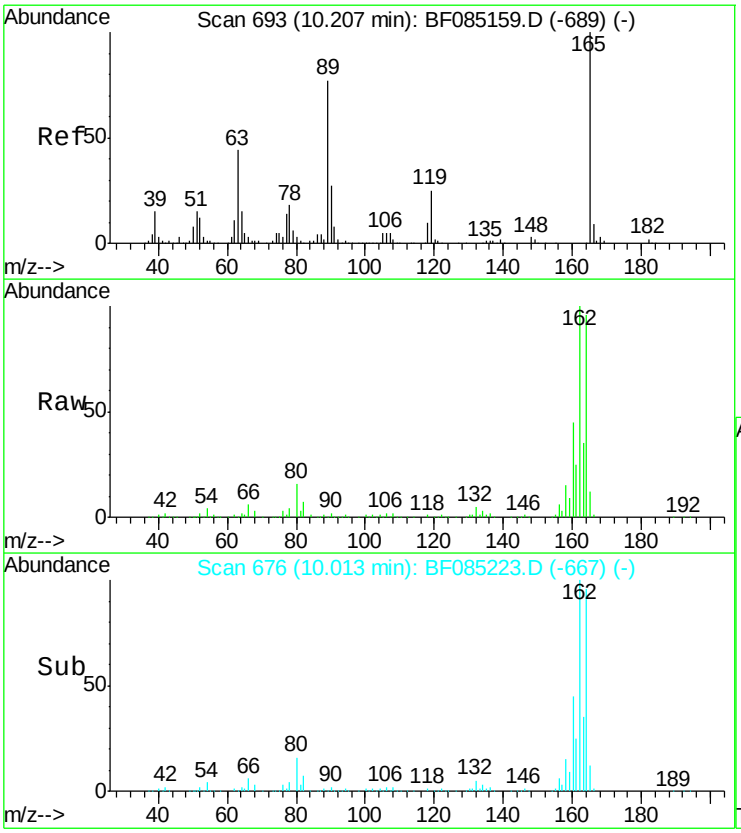
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:165 Resp: 35009

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.8	62.8#
89	1.8	46.7	70.1#

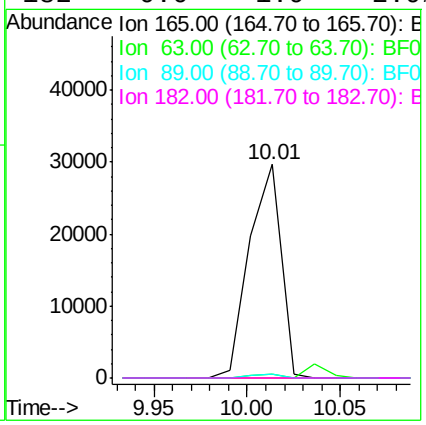


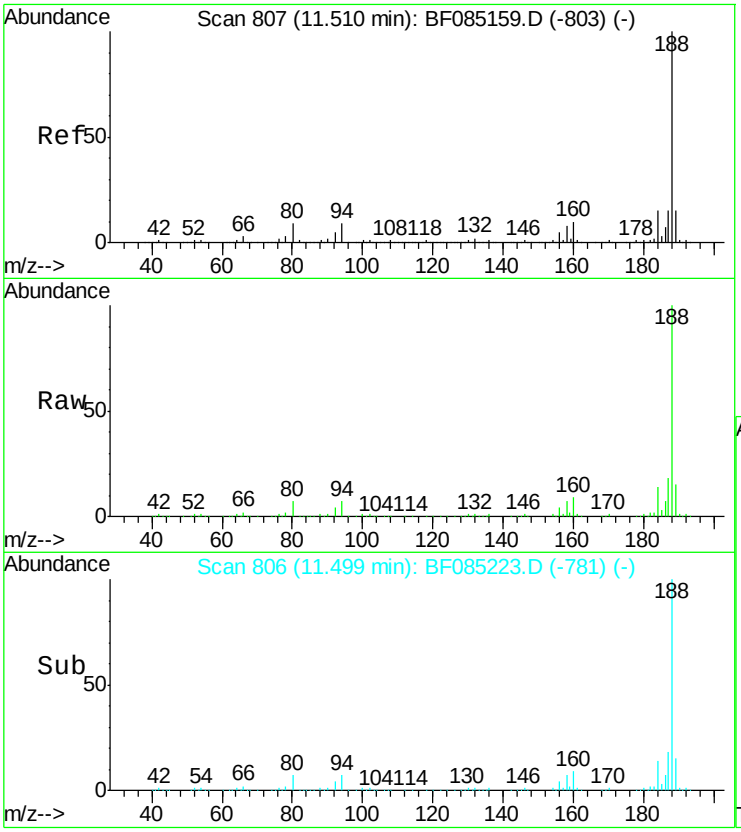


#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:165 Resp: 35011

Ion	Ratio	Lower	Upper
165	100		
63	1.8	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#



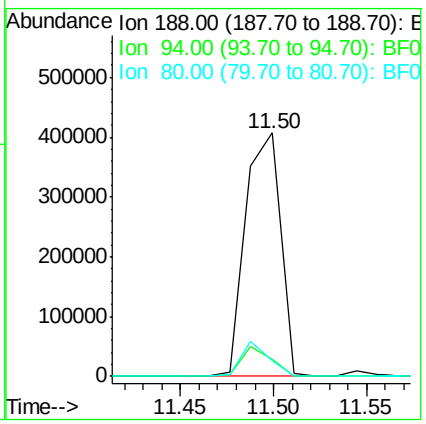


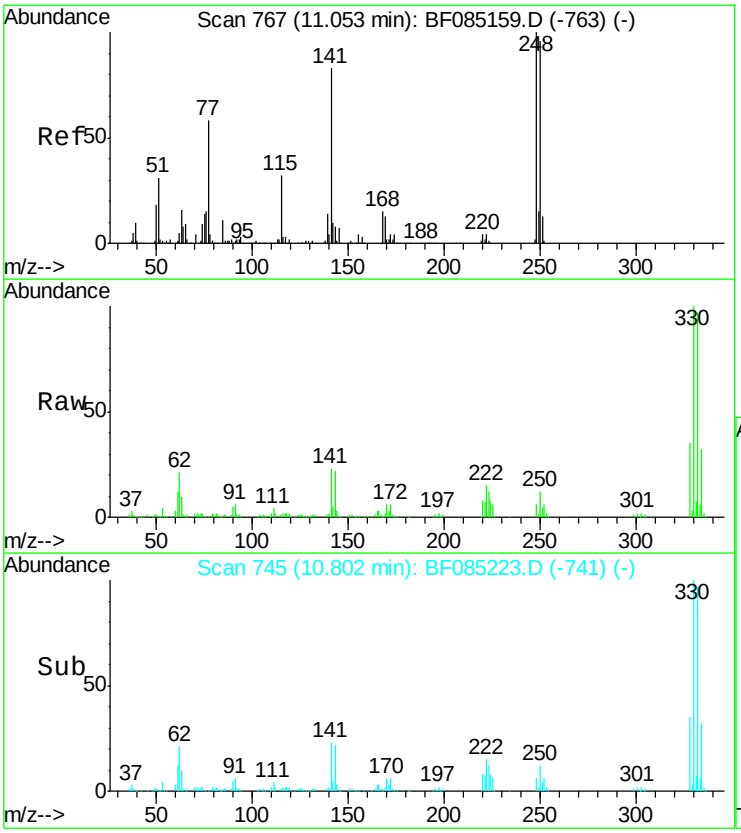
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:188 Resp: 529675

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.0	10.6#
80	6.7	7.4	11.0#

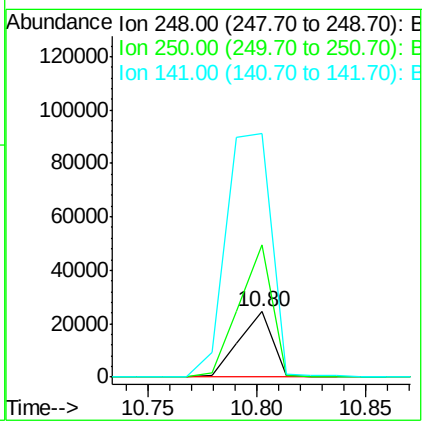


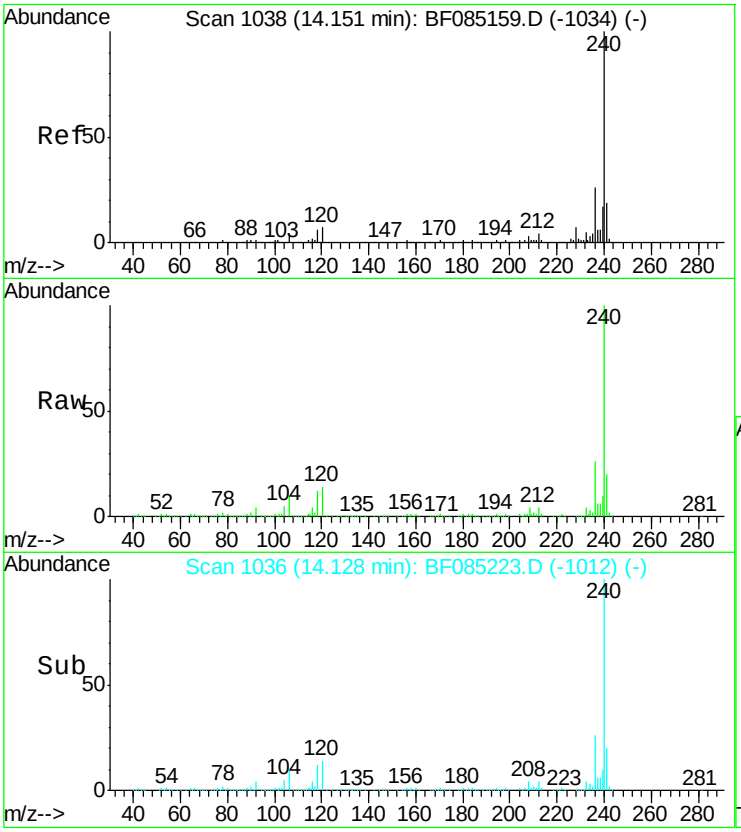


#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:248 Resp: 26089

Ion	Ratio	Lower	Upper
248	100		
250	203.2	77.1	115.7#
141	373.8	66.2	99.2#



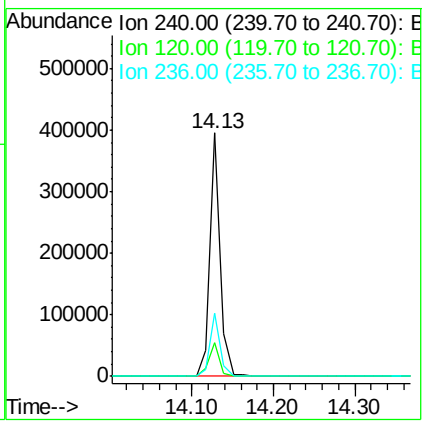


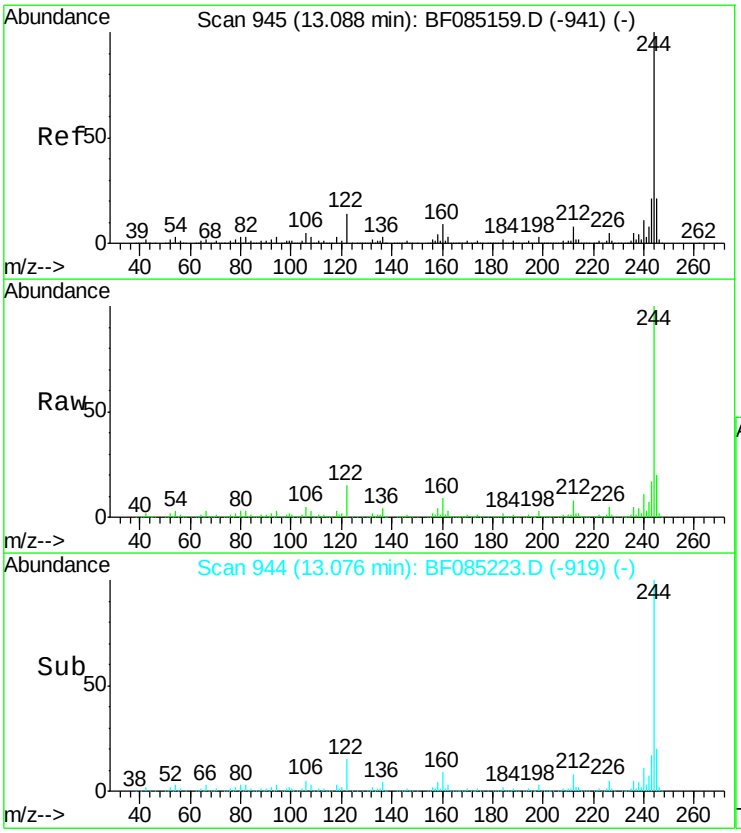
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:240 Resp: 354400

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.3	7.9#
236	26.1	20.7	31.1

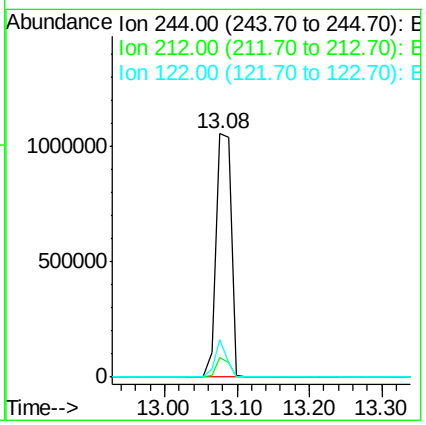


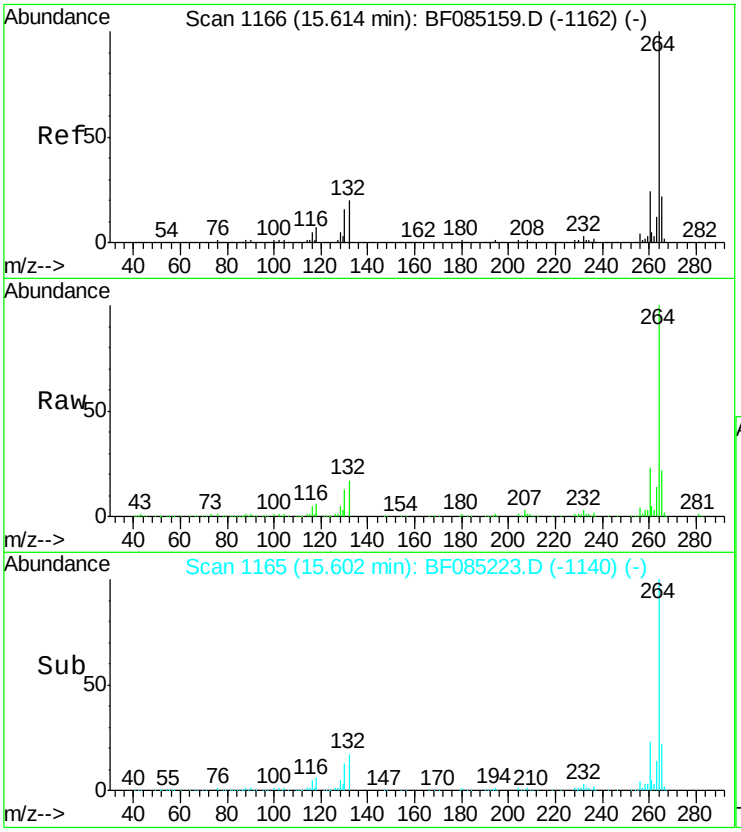


#78
Terphenyl-d14
Concen: 99.85 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Tgt Ion:244 Resp: 1524302

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.3	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085223.D
Acq: 5 Mar 2016 00:48

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Tgt Ion:264 Resp: 248672

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.3	25.9