Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085242.D
Acq On : 5 Mar 2016 9:34
Operator : SJ/IZ
Sample : H1686-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(10-12)

Quant Time: Mar 06 23:51:11 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	144308	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	492231	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	191743	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	275835	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	224256	20.00	ng		0.00
86) Perylene-d12	15.61	264	216720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1149775	133.65	ng		0.00
7) Phenol-d6	6.60	99	1249168	110.83	ng		-0.01
23) Nitrobenzene-d5	7.53	82	810824	88.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	216672	132.06	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1362311	108.05	ng		-0.01
78) Terphenyl-d14	13.10	244	931654	96.44	ng		0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	27643	2.36	ng		92
15) Benzyl Alcohol	7.13	79	19503	2.36	ng	#	41
18) Hexachloroethane	7.54	117	81758	19.89	ng	#	13
19) n-Nitroso-di-n-propylamine	7.40	70	15839	2.16	ng	#	66
24) Nitrobenzene	7.51	77	18705	2.00	ng	#	34
25) Isophorone	7.78	82	47267	2.77	ng	#	1
35) Caprolactam	8.68	113	47710	21.80	ng	#	2
37) 2-Methylnaphthalene	8.97	142	126697	8.16	ng		99
49) Dimethylphthalate	9.73	163	87693	5.96	ng	#	77
50) 2,6-Dinitrotoluene	9.82	165	9194	2.92	ng	#	39
52) 3-Nitroaniline	9.97	138	16027	4.25	ng	#	28
53) 2,4-Dinitrophenol	10.23	184	1743	9.01	ng	#	31
55) 4-Nitrophenol	10.12	139	7386	2.50	ng	#	1
56) 2,4-Dinitrotoluene	10.22	165	15981	3.97	ng	#	50
61) 4-Nitroaniline	10.42	138	10882	3.09	ng		87
65) n-Nitrosodiphenylamine	10.68	169	35242	4.11	ng	#	50
73) Di-n-butylphthalate	12.06	149	36668	2.16	ng	#	36
80) Benzo(a)anthracene	14.16	228	27905	2.08	ng	#	21
82) Chrysene	14.16	228	28100	2.27	ng	#	27

(#) = 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 9:34
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Sample : H1686-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Quant Time: Mar 06 23:51:11 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
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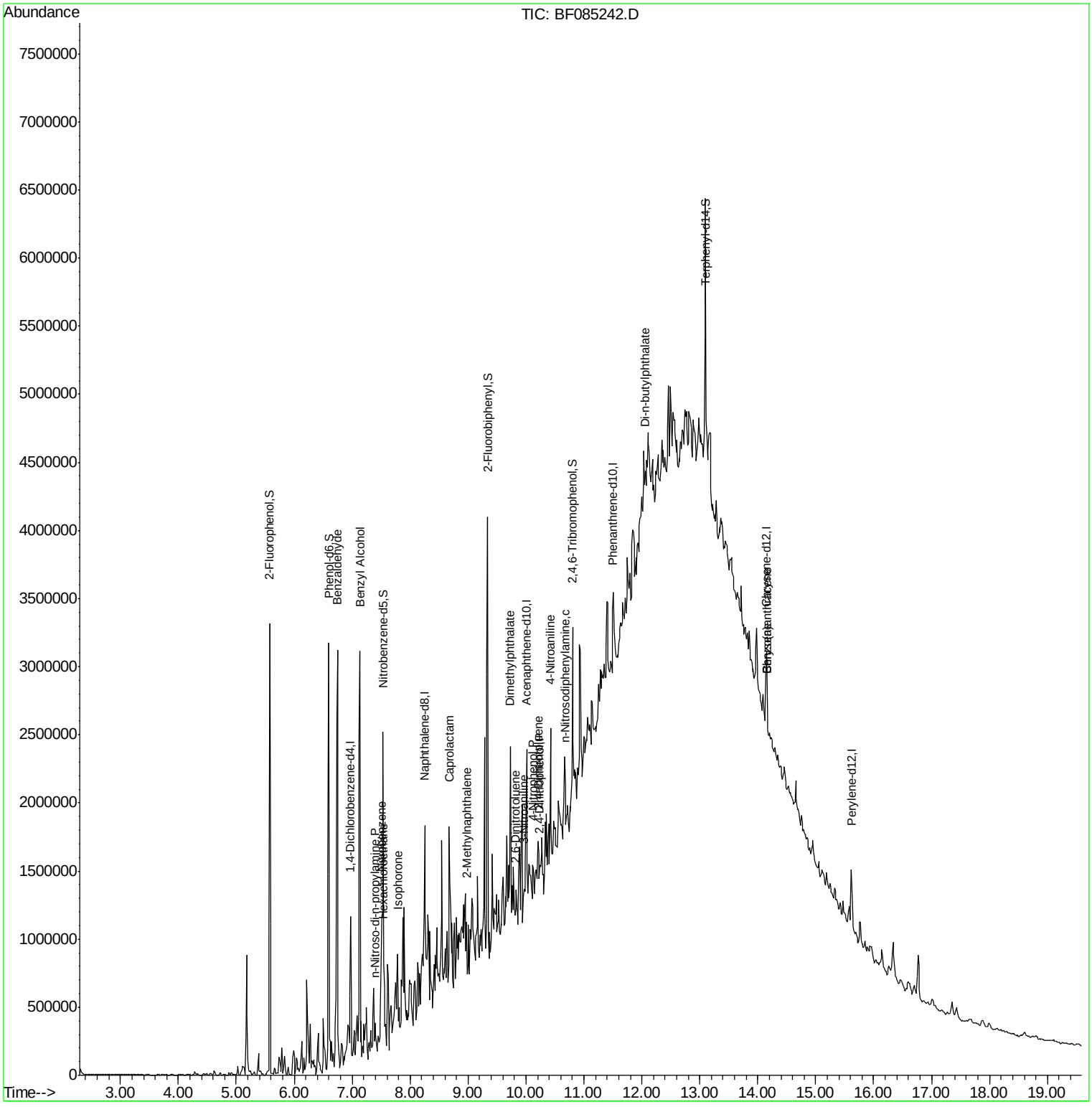
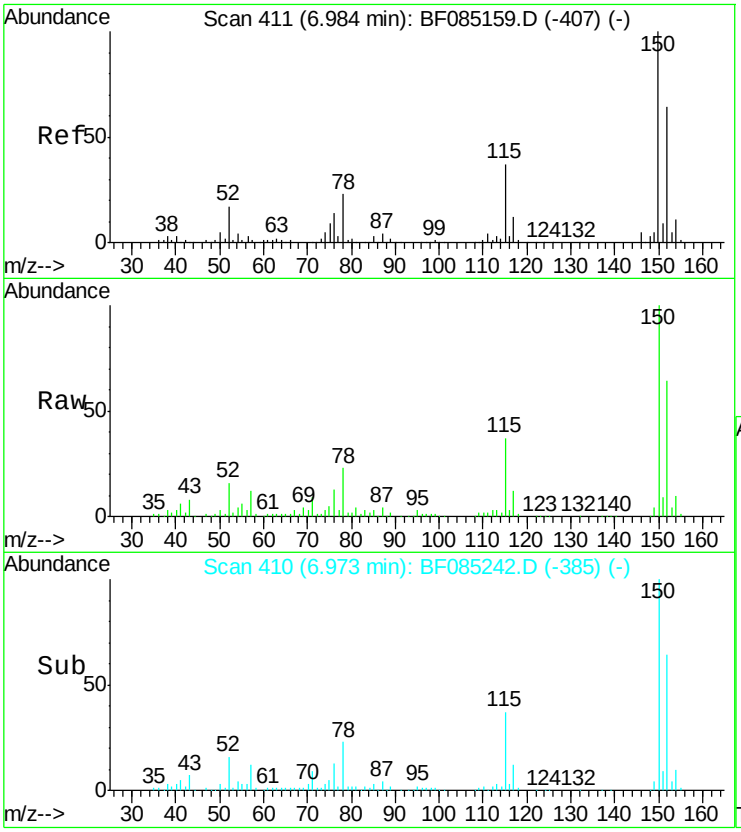


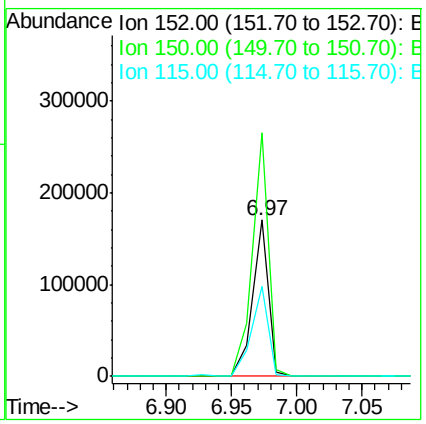


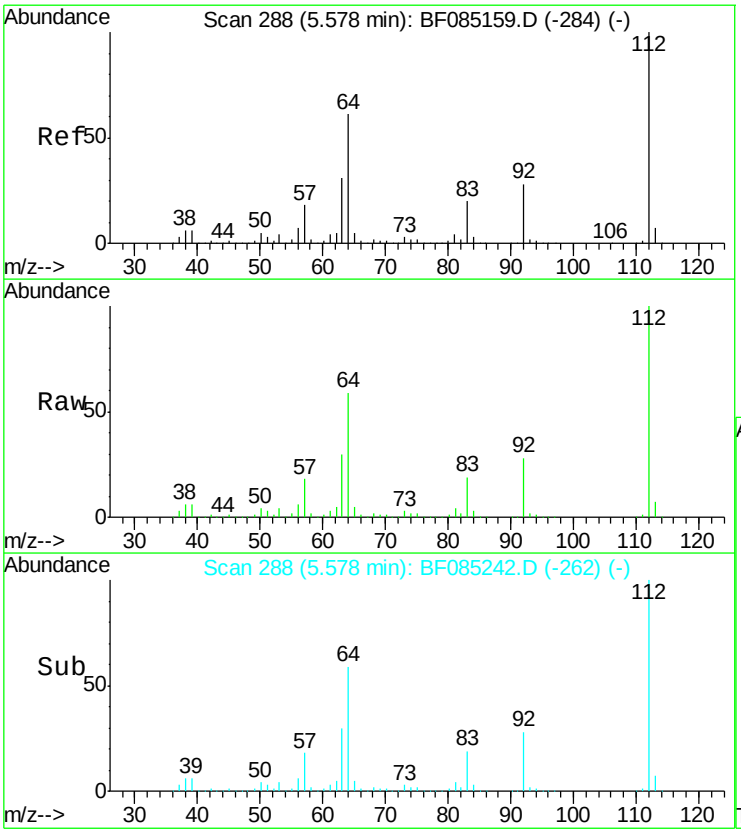
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:152 Resp: 144308

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	57.6	46.6	70.0

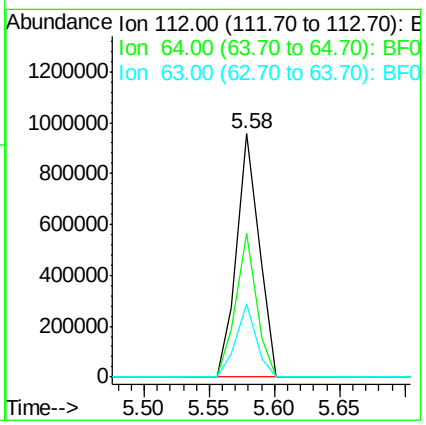


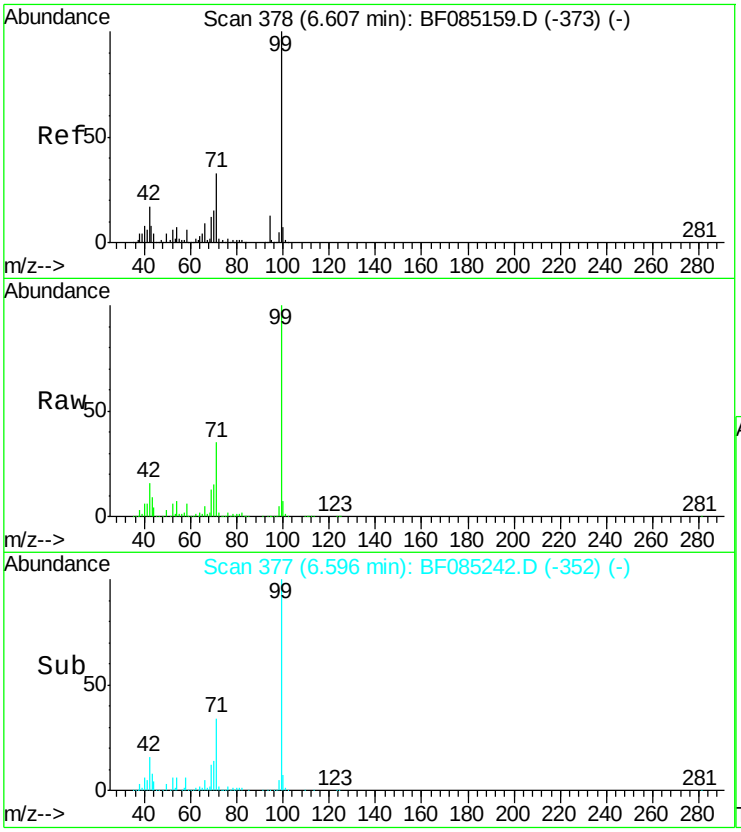


#5
2-Fluorophenol
Concen: 133.65 ng
RT: 5.58 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:112 Resp: 1149775

Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.0	73.4
63	29.9	24.8	37.2



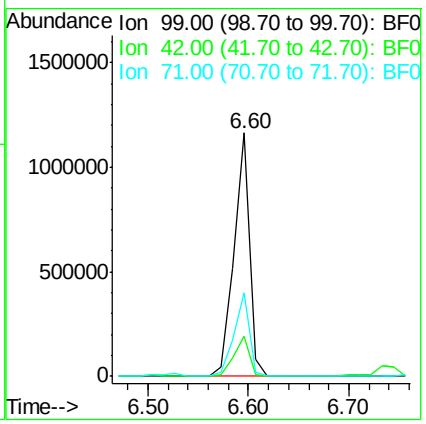


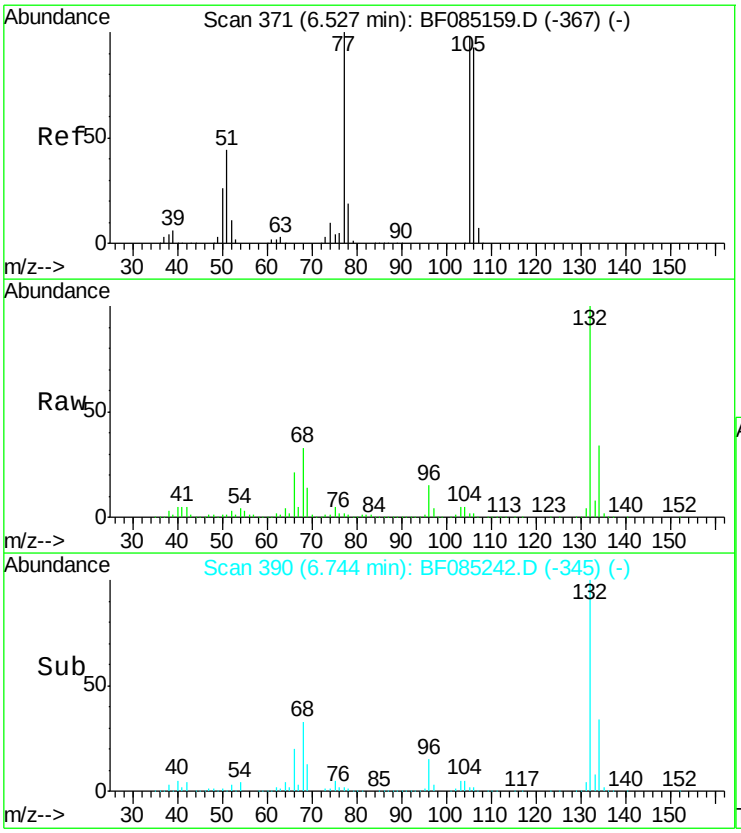
#7
Phenol-d6
Concen: 110.83 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion: 99 Resp: 1249168

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	34.5	26.7	40.1

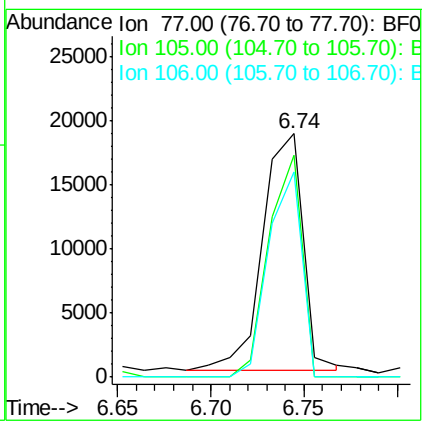


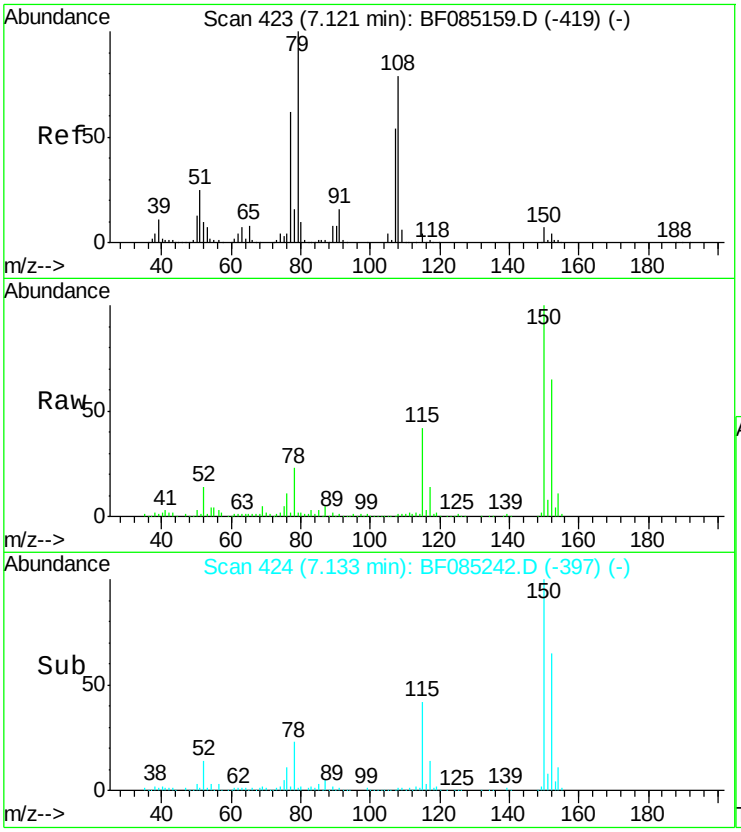


#9
Benzaldehyde
Concen: 2.36 ng
RT: 6.74 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion: 77 Resp: 27643

Ion	Ratio	Lower	Upper
77	100		
105	91.1	78.2	118.2
106	84.1	72.9	112.9



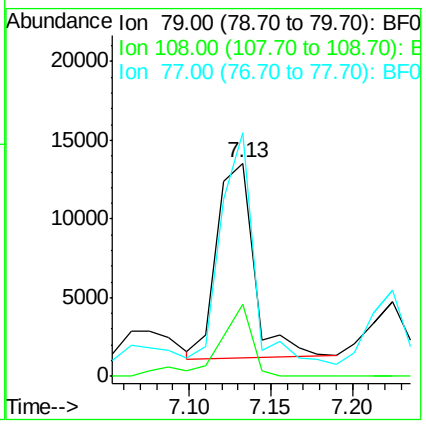


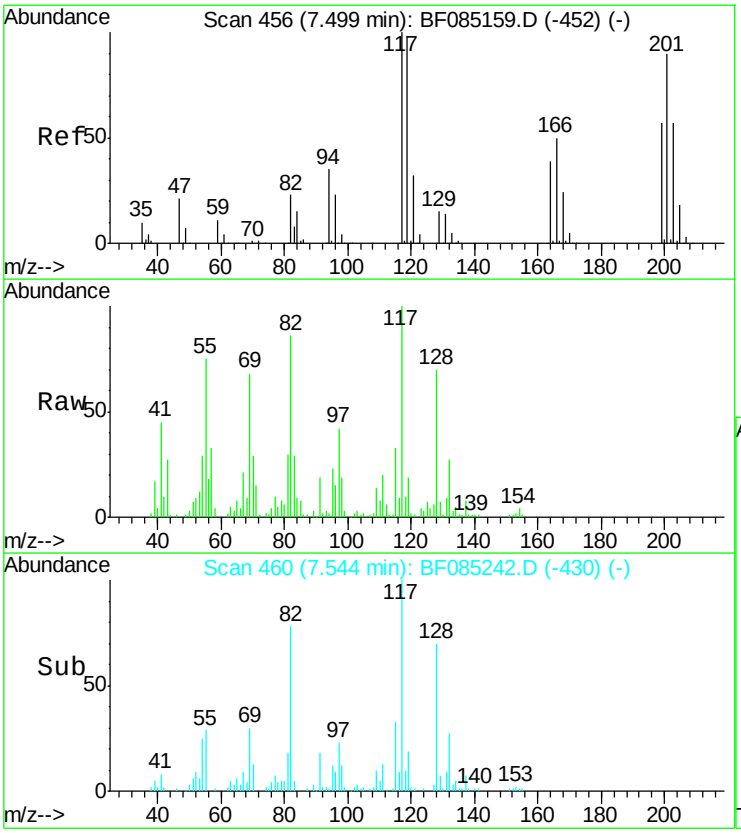
#15
Benzyl Alcohol
Concen: 2.36 ng
RT: 7.13 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion: 79 Resp: 19503

Ion	Ratio	Lower	Upper
79	100		
108	33.9	62.9	94.3#
77	114.1	49.5	74.3#

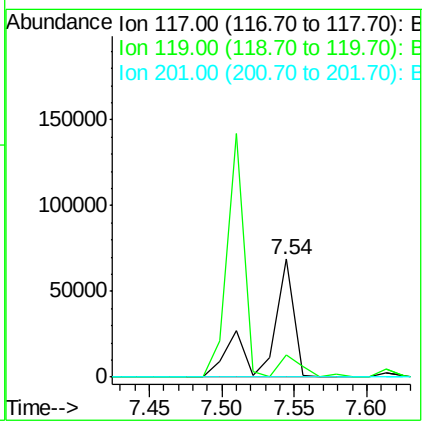


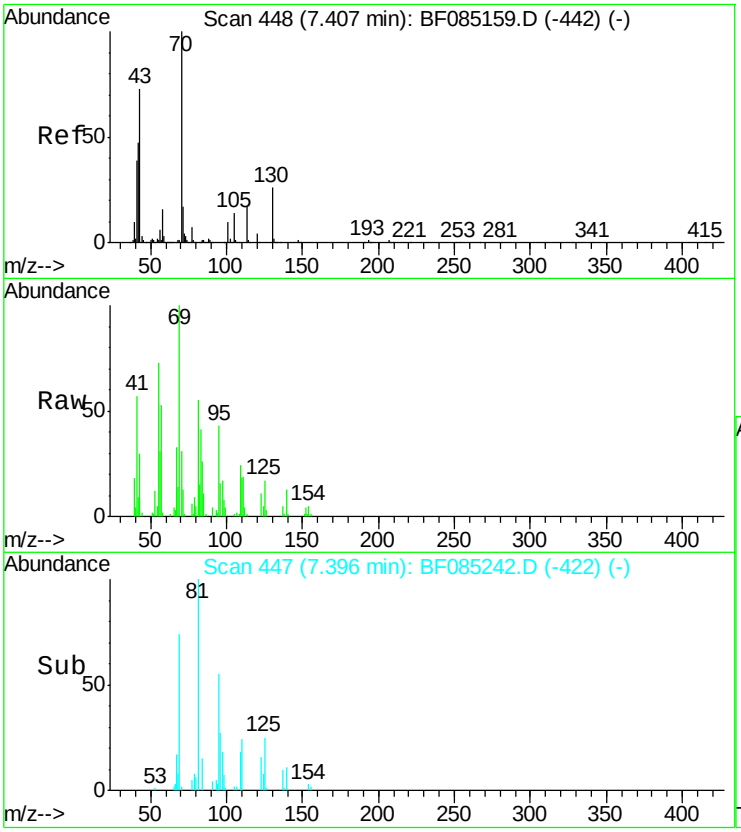


#18
Hexachloroethane
Concen: 19.89 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.05 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:117 Resp: 81758

Ion	Ratio	Lower	Upper
117	100		
119	19.2	78.2	117.4#
201	0.0	72.0	108.0#



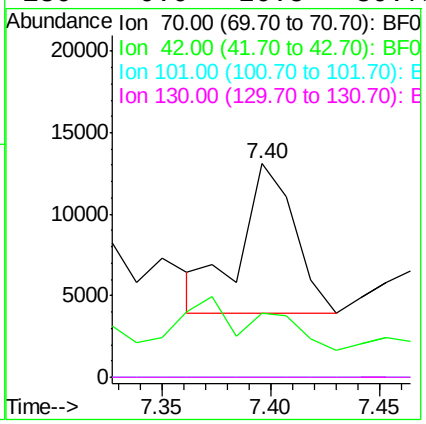


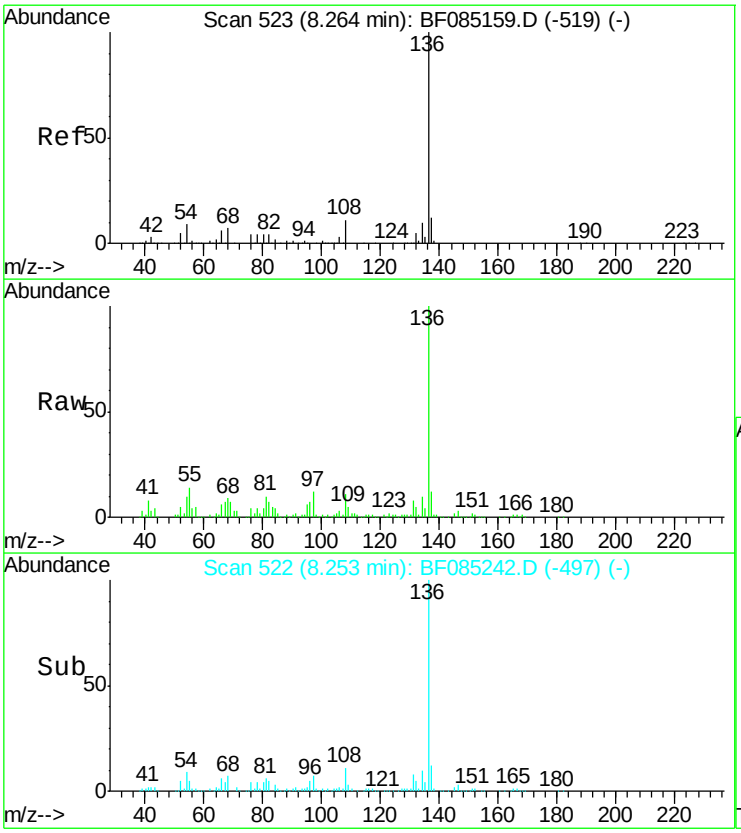
#19
n-Nitroso-di-n-propylamine
Concen: 2.16 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion: 70 Resp: 15839

Ion	Ratio	Lower	Upper
70	100		
42	29.9	37.7	56.5#
101	0.0	8.2	12.4#
130	0.0	20.5	30.7#

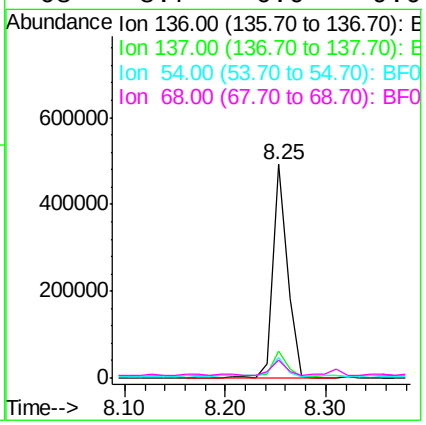


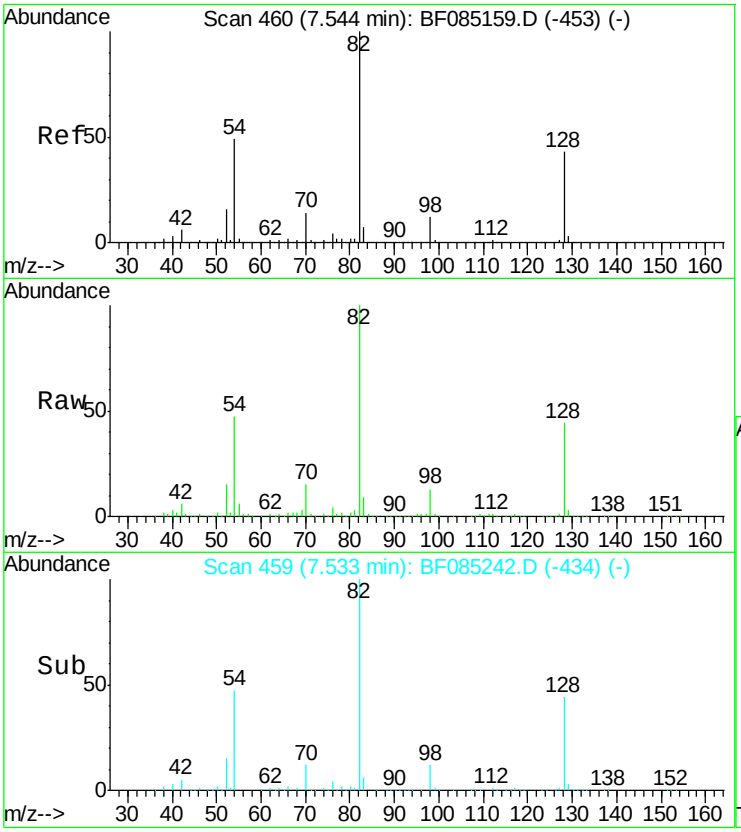


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:136 Resp: 492231

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	9.6	7.4	11.2
68	8.7	6.0	9.0



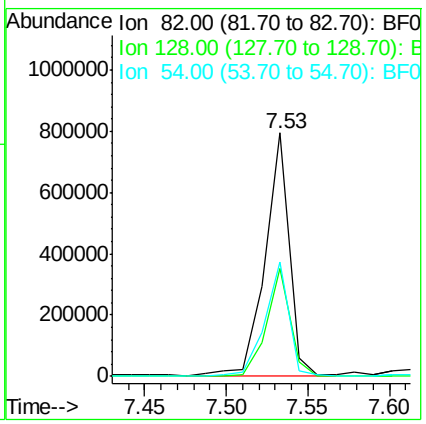


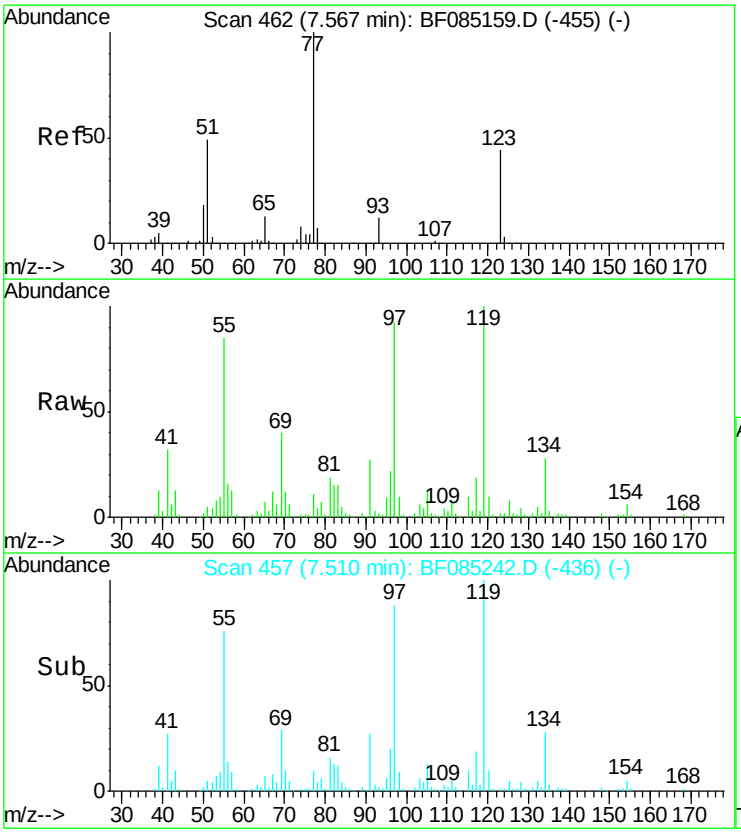
#23
Nitrobenzene-d5
Concen: 88.15 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion: 82 Resp: 810824

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.5	51.7
54	47.1	39.3	58.9

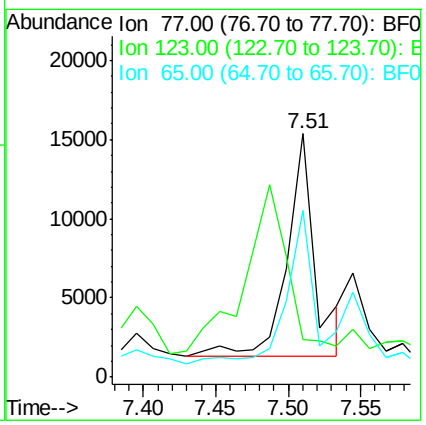


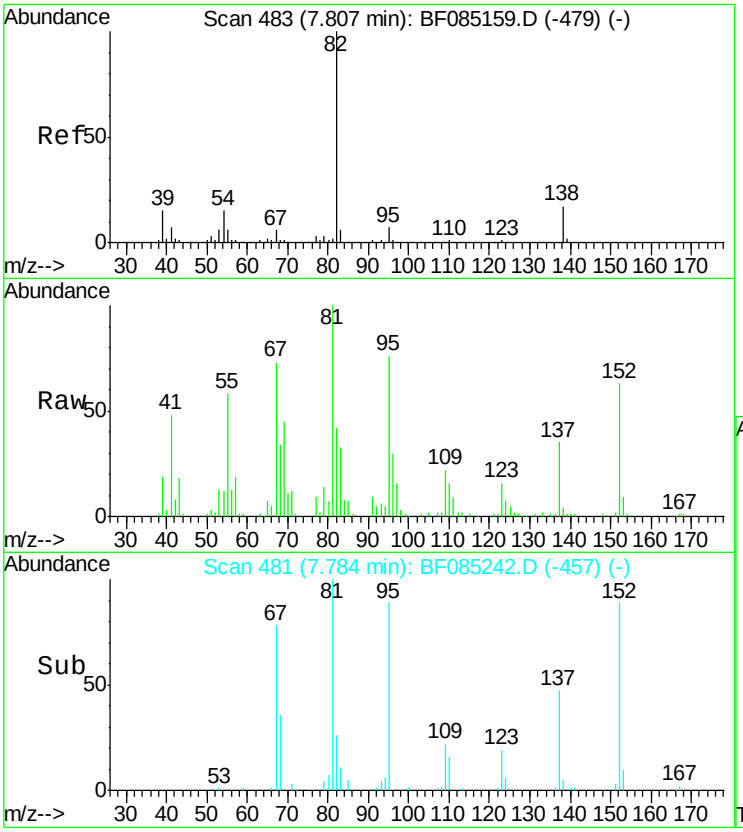


#24
Nitrobenzene
Concen: 2.00 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion: 77 Resp: 18705

Ion	Ratio	Lower	Upper
77	100		
123	15.6	35.4	53.2#
65	68.4	10.6	16.0#



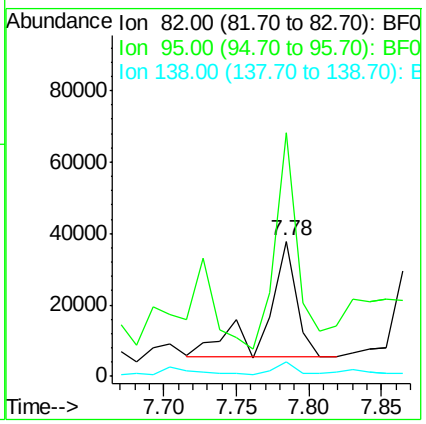


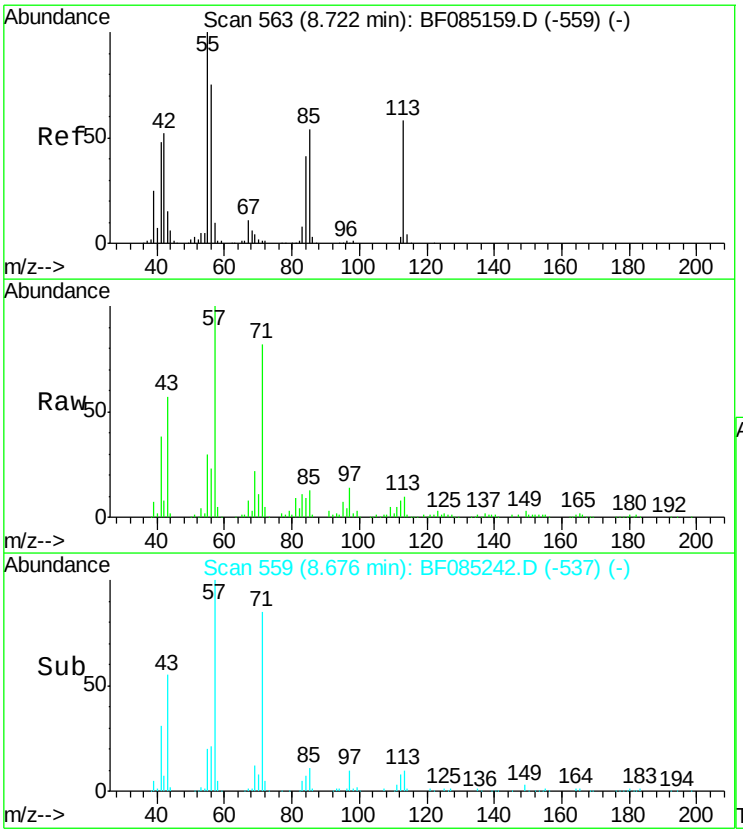
#25
Isophorone
Concen: 2.77 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion: 82 Resp: 47267

Ion	Ratio	Lower	Upper
82	100		
95	179.9	5.4	8.2#
138	10.4	13.3	19.9#

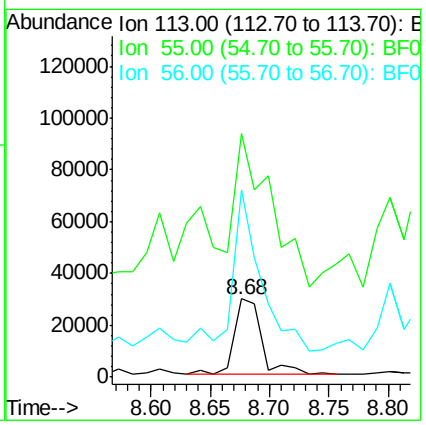


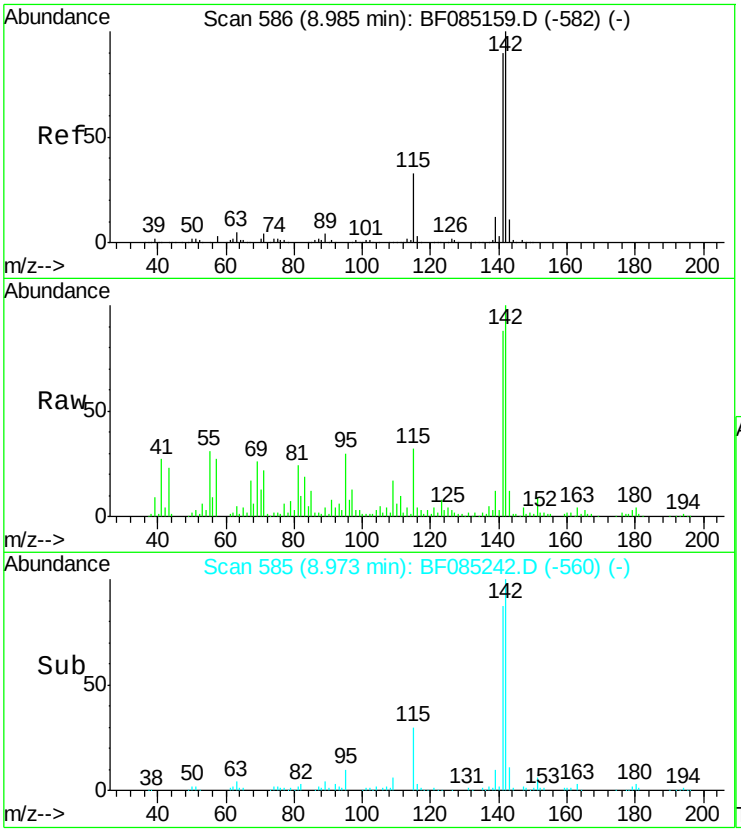


#35
Caprolactam
Concen: 21.80 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.05 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:113 Resp: 47710

Ion	Ratio	Lower	Upper
113	100		
55	311.1	152.7	192.7#
56	239.5	109.0	149.0#



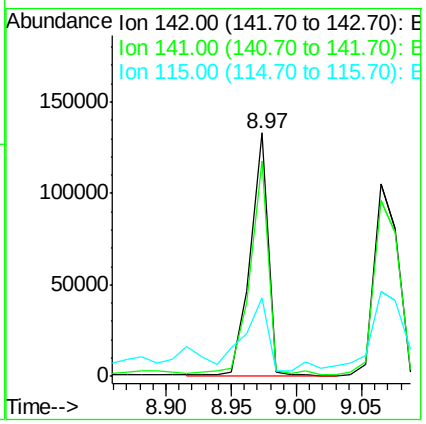


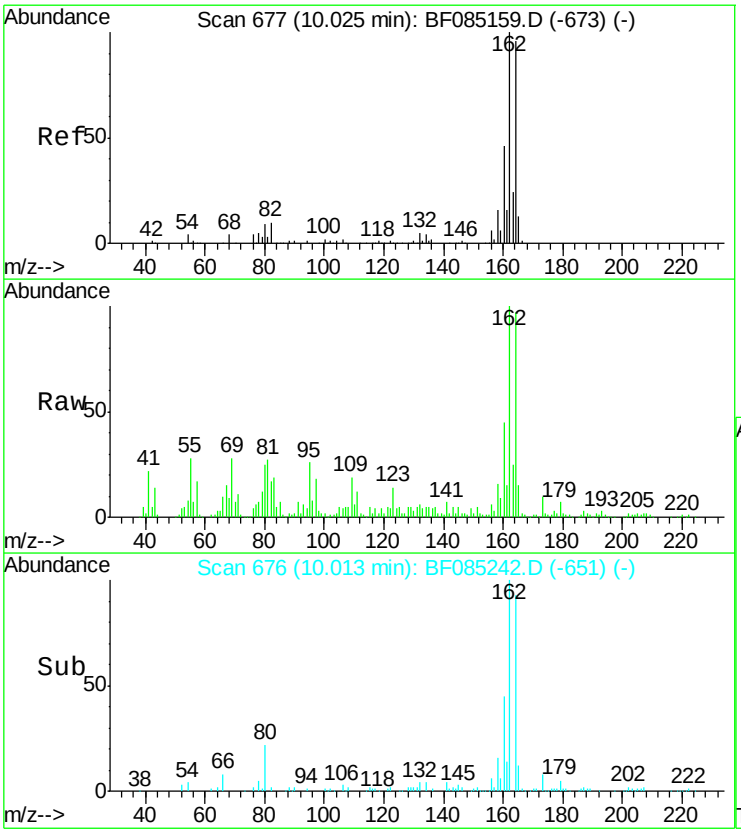
#37
2-Methylnaphthalene
Concen: 8.16 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:142 Resp: 126697

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	32.1	26.2	39.4

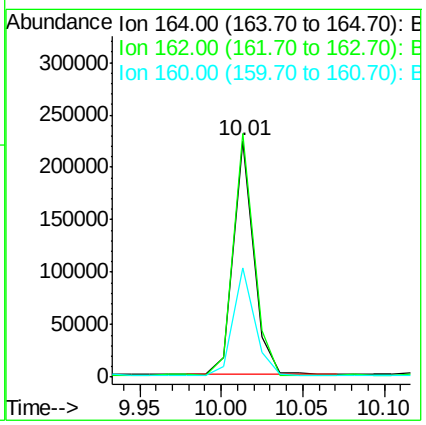


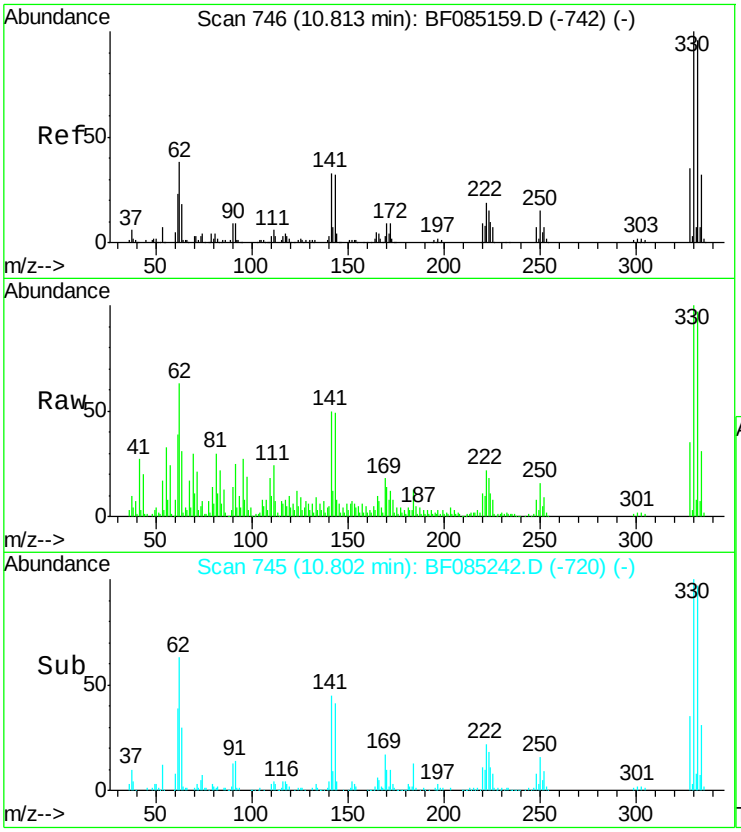


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:164 Resp: 191743

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.3	124.9
160	46.2	37.9	56.9



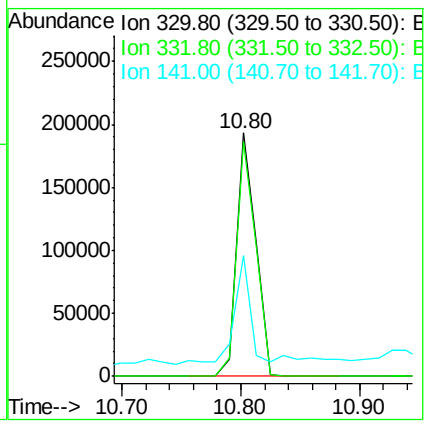


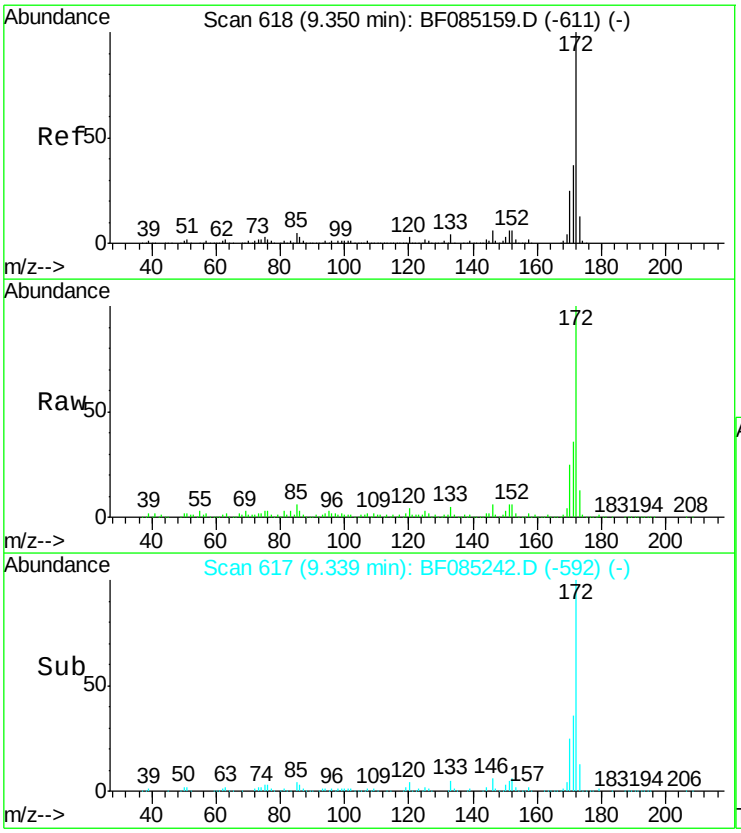
#41
2,4,6-Tribromophenol
Concen: 132.06 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:330 Resp: 216672

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	38.1	35.0	52.6

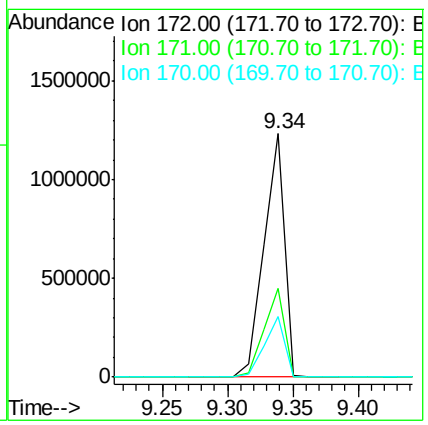


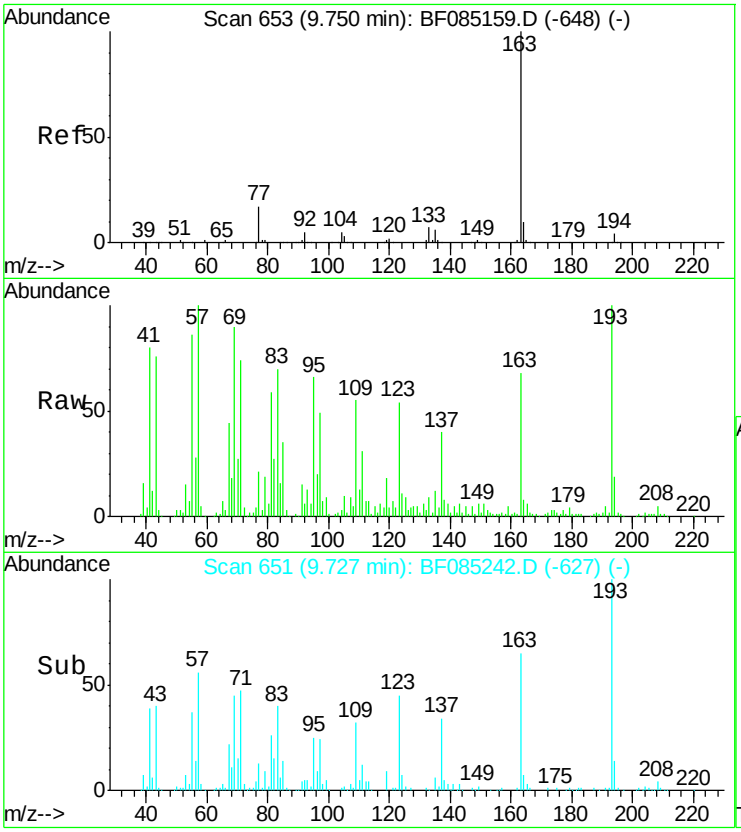


#44
2-Fluorobiphenyl
Concen: 108.05 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:172 Resp: 1362311

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.9	20.0	30.0



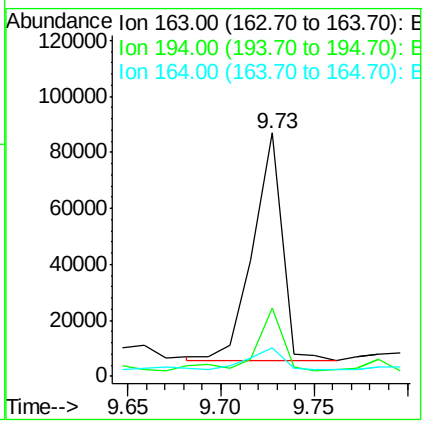


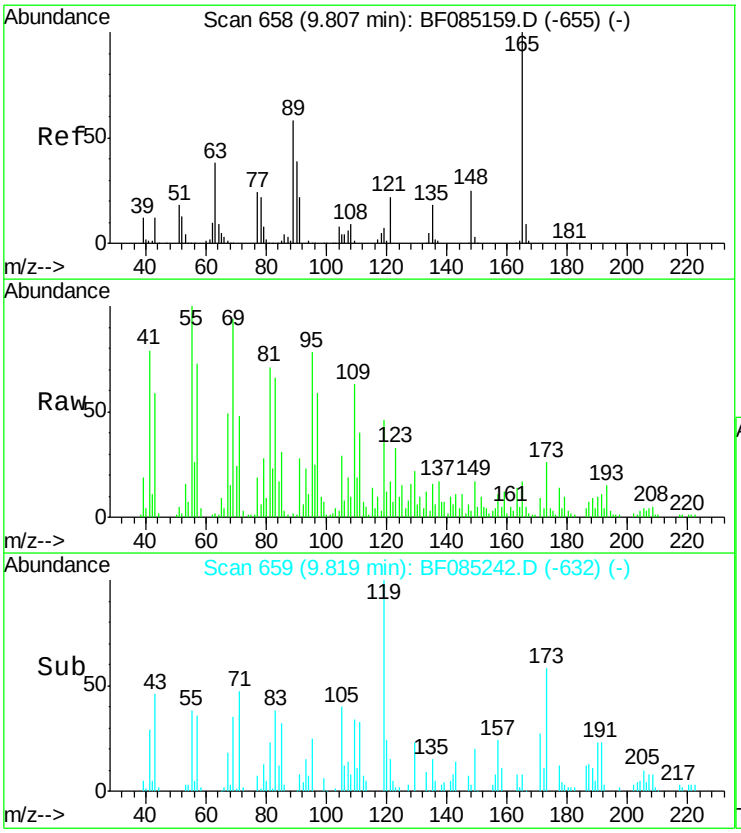
#49
Dimethylphthalate
Concen: 5.96 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:163 Resp: 87693

Ion	Ratio	Lower	Upper
163	100		
194	27.8	3.1	4.7#
164	11.7	8.2	12.4

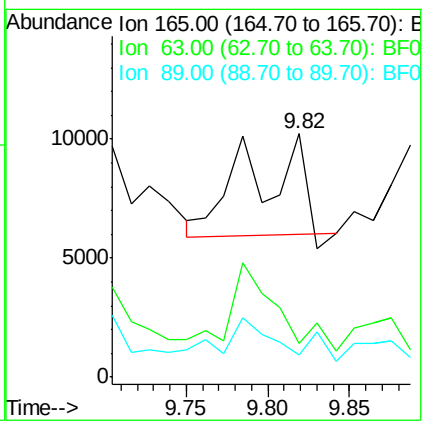


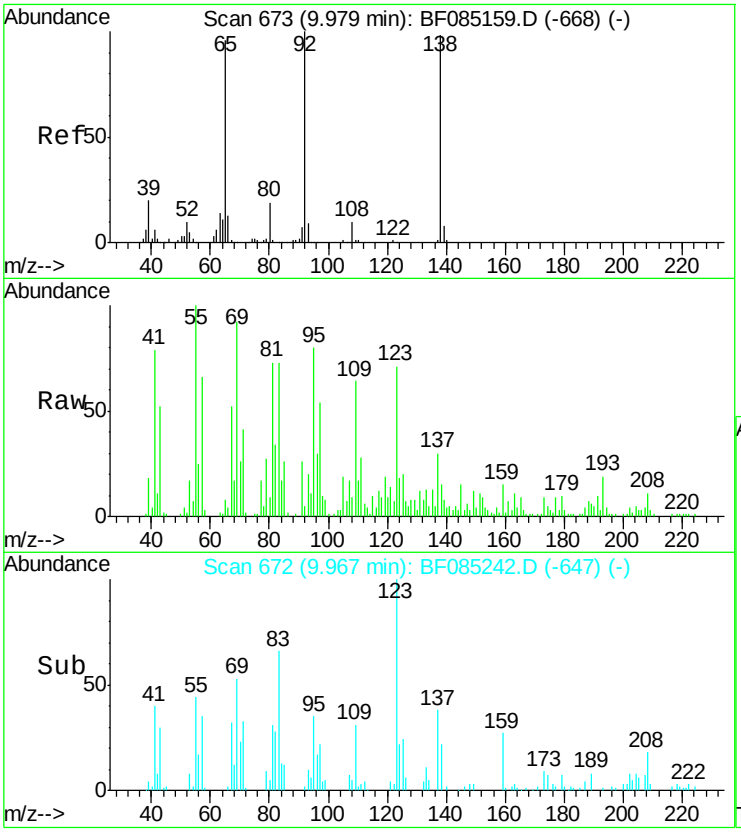


#50
2,6-Dinitrotoluene
Concen: 2.92 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:165 Resp: 9194

Ion	Ratio	Lower	Upper
165	100		
63	13.9	41.8	62.8#
89	9.1	46.7	70.1#



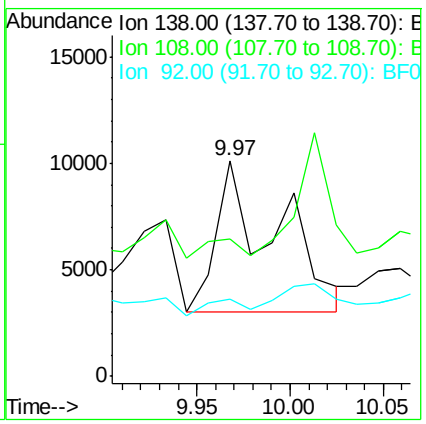


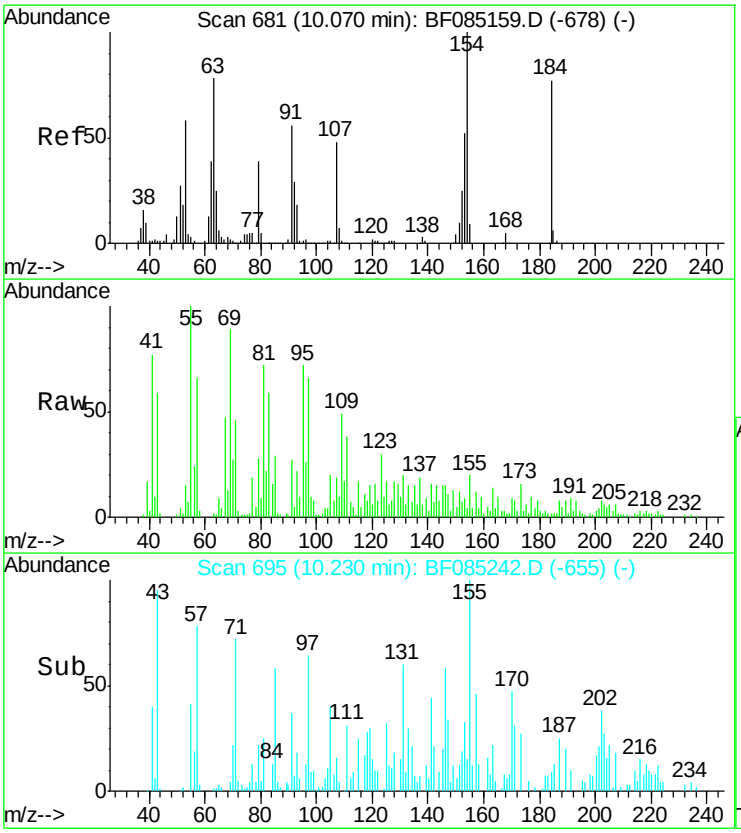
#52
3-Nitroaniline
Concen: 4.25 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:138 Resp: 16027

Ion	Ratio	Lower	Upper
138	100		
108	63.7	7.8	11.6#
92	35.7	81.3	121.9#

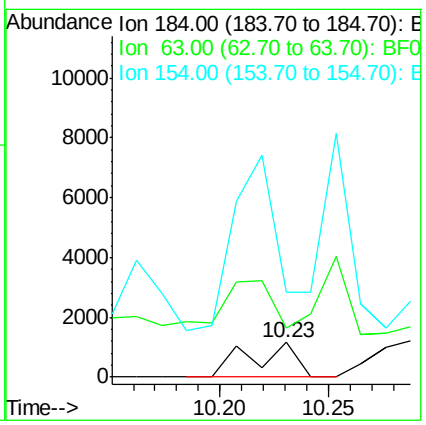


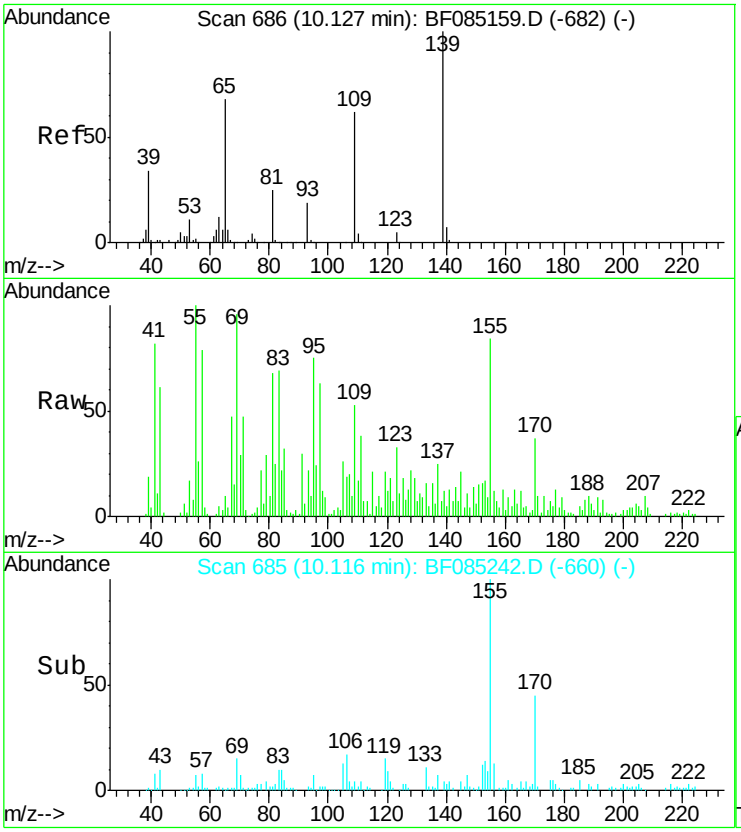


#53
2,4-Dinitrophenol
Concen: 9.01 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.16 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:184 Resp: 1743

Ion	Ratio	Lower	Upper
184	100		
63	143.0	82.2	123.4#
154	246.2	108.9	163.3#



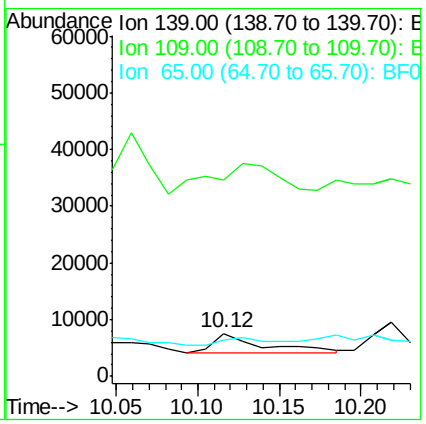


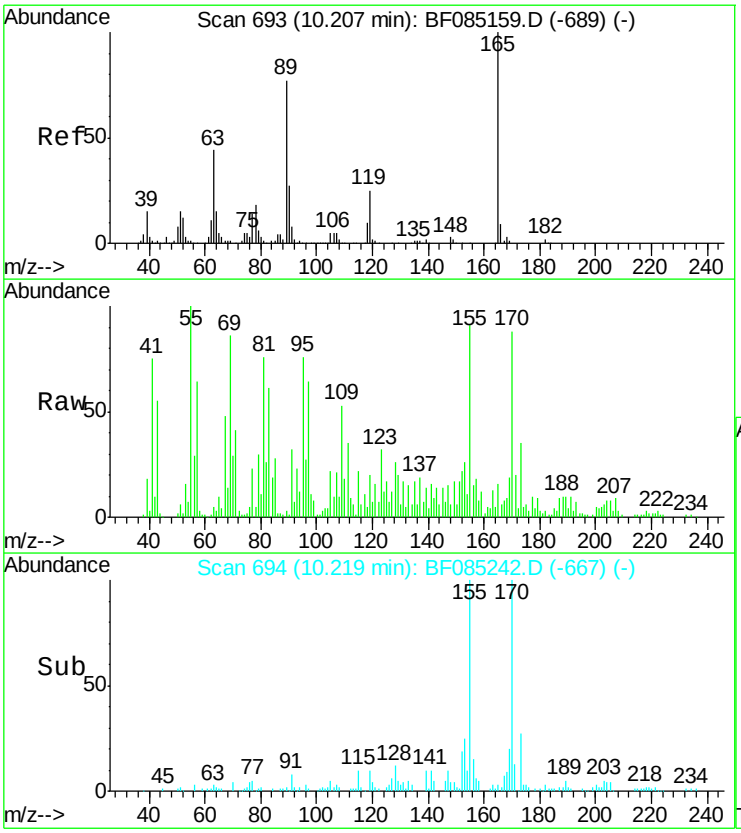
#55
4-Nitrophenol
Concen: 2.50 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:139 Resp: 7386

Ion	Ratio	Lower	Upper
139	100		
109	456.0	41.9	81.9#
65	84.5	48.3	88.3

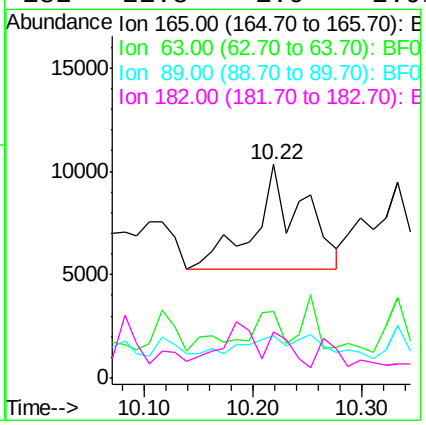


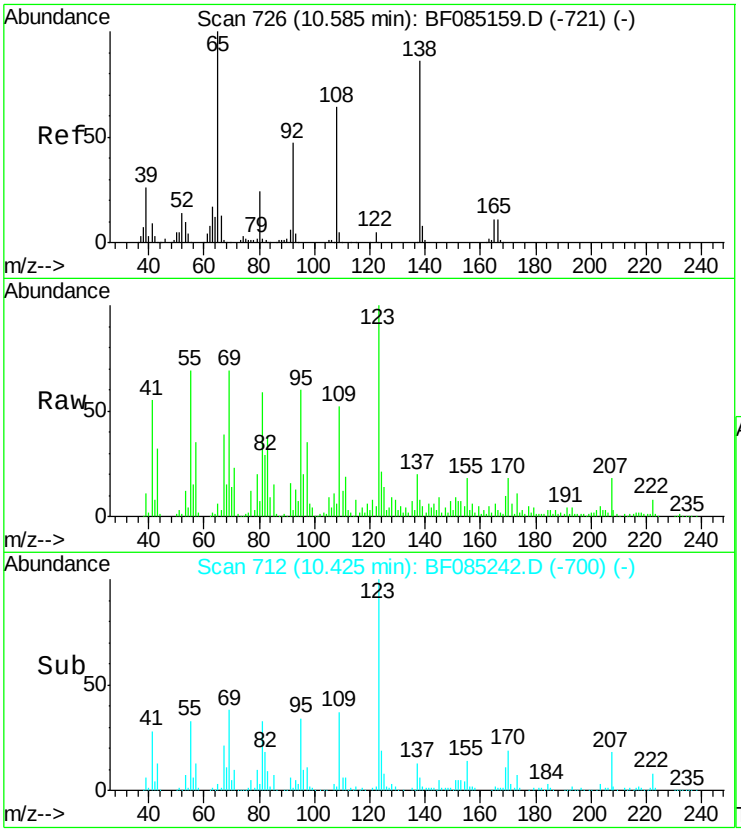


#56
2,4-Dinitrotoluene
Concen: 3.97 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:165 Resp: 15981

Ion	Ratio	Lower	Upper
165	100		
63	31.1	35.4	53.0#
89	19.9	61.9	92.9#
182	21.8	1.9	2.9#



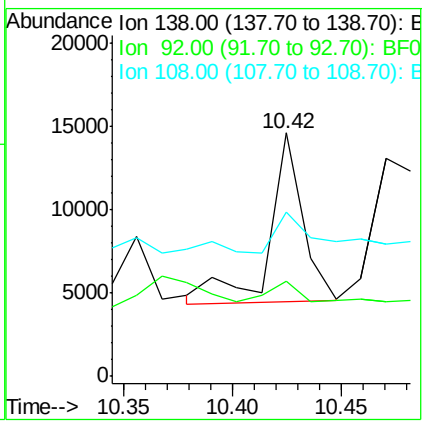


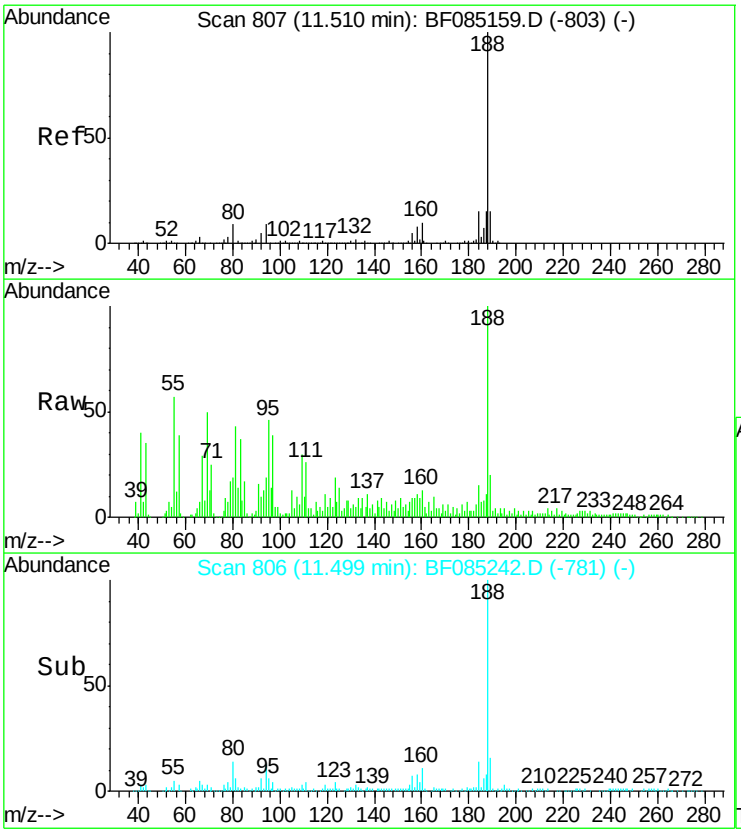
#61
4-Nitroaniline
Concen: 3.09 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.16 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:138 Resp: 10882

Ion	Ratio	Lower	Upper
138	100		
92	39.1	34.2	74.2
108	67.4	53.9	93.9

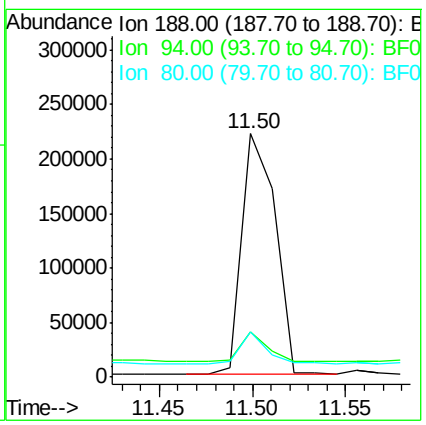


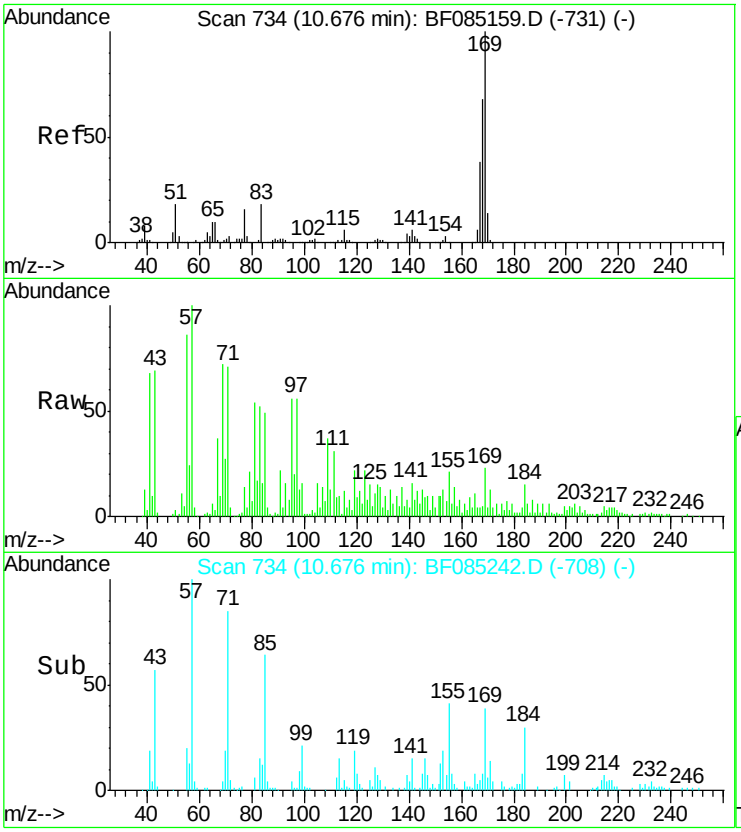


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:188 Resp: 275835

Ion	Ratio	Lower	Upper
188	100		
94	18.7	7.0	10.6#
80	18.6	7.4	11.0#



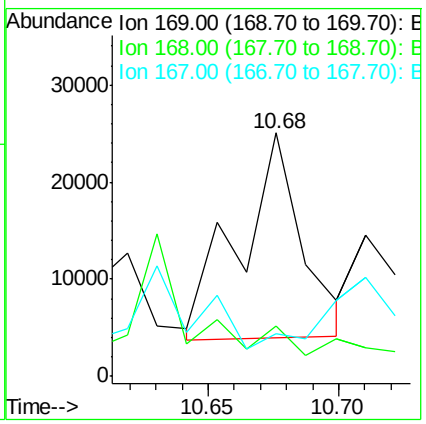


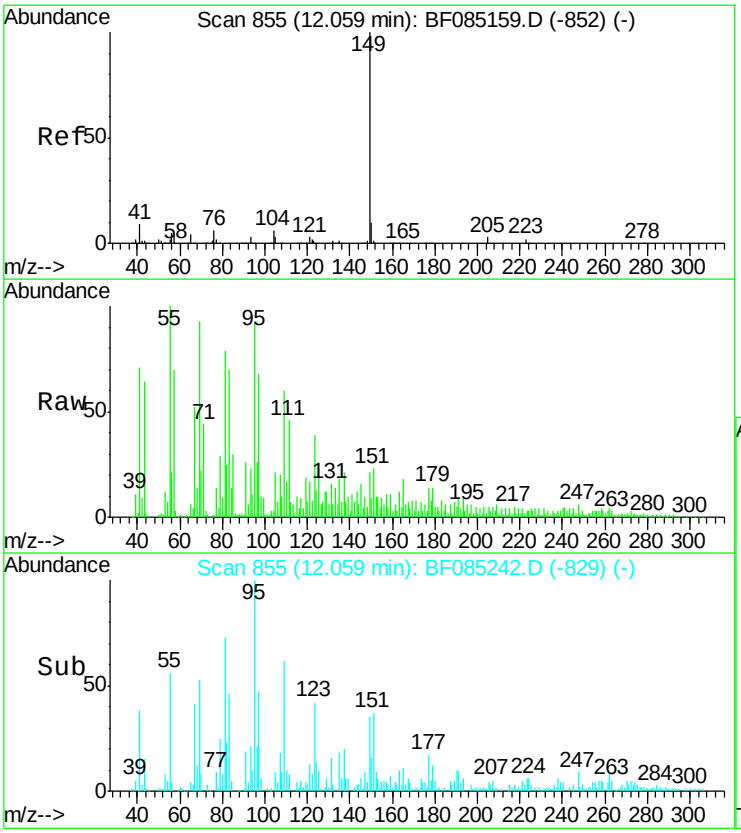
#65
n-Nitrosodiphenylamine
Concen: 4.11 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:169 Resp: 35242

Ion	Ratio	Lower	Upper
169	100		
168	20.6	54.8	82.2#
167	17.7	30.3	45.5#

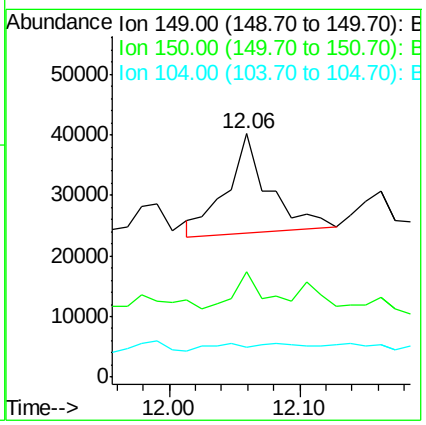


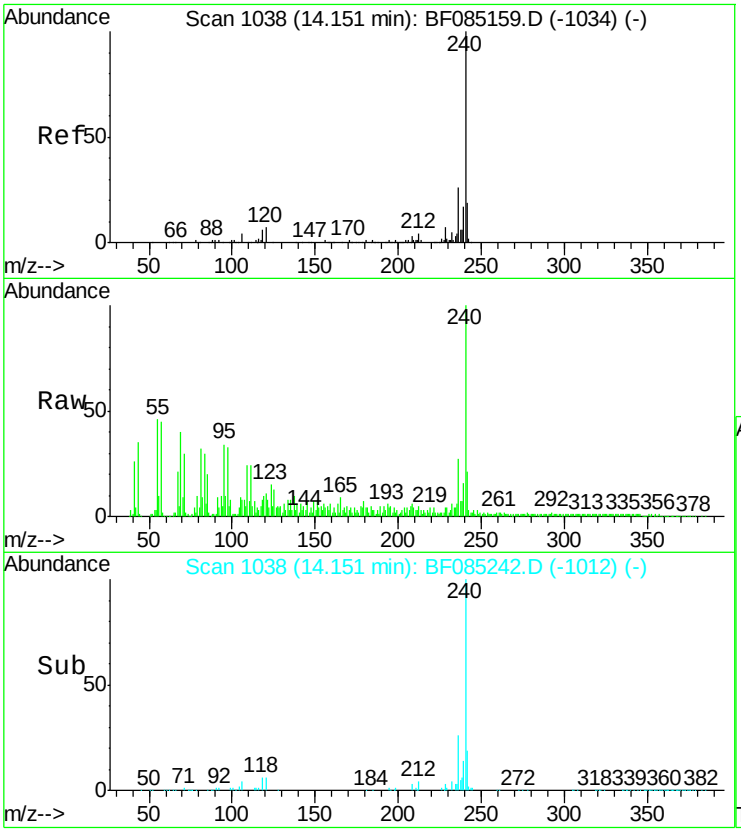


#73
Di-n-butylphthalate
Concen: 2.16 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:149 Resp: 36668

Ion	Ratio	Lower	Upper
149	100		
150	43.2	7.8	11.6#
104	12.1	4.7	7.1#



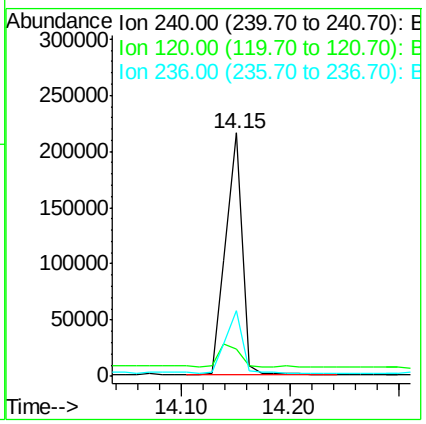


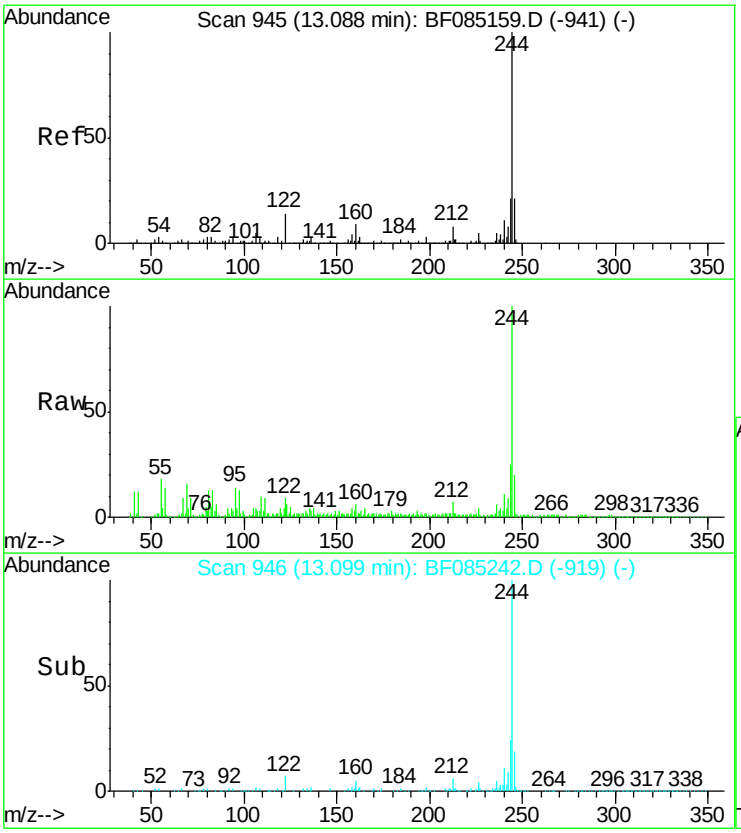
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:240 Resp: 224256

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.3	7.9#
236	27.2	20.7	31.1

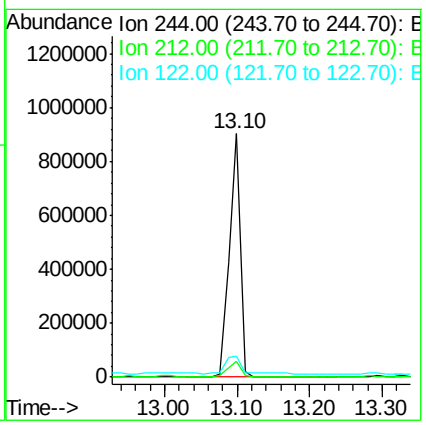


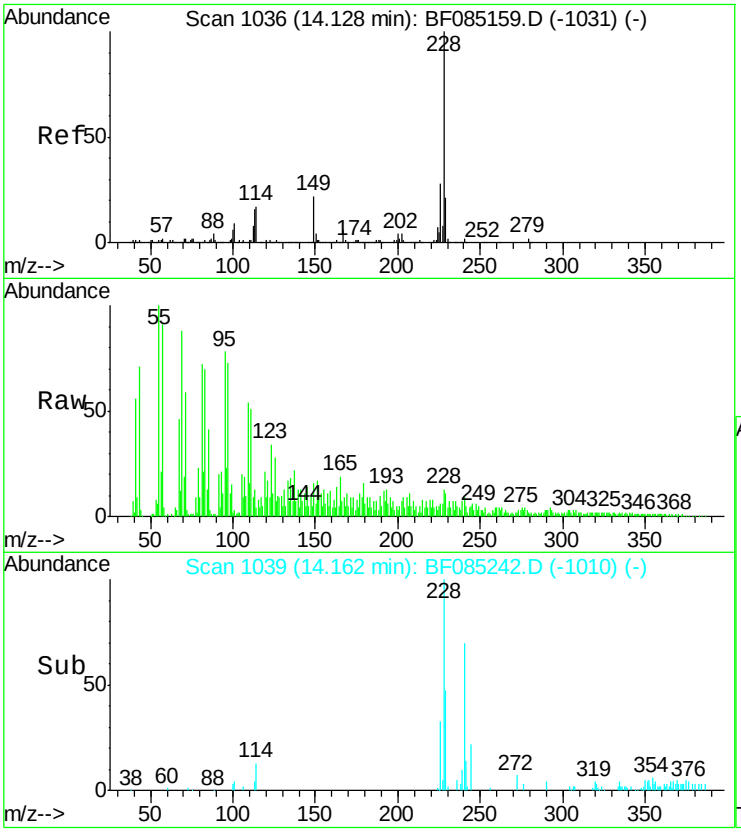


#78
Terphenyl-d14
Concen: 96.44 ng
RT: 13.10 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:244 Resp: 931654

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	8.7	11.4	17.2#



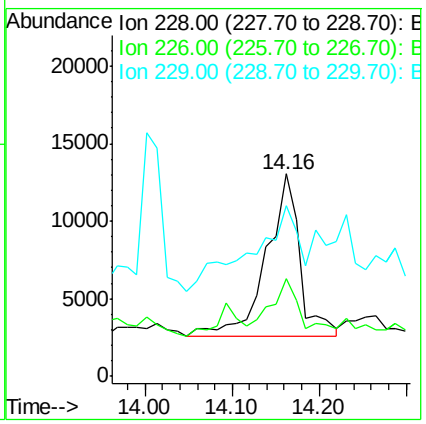


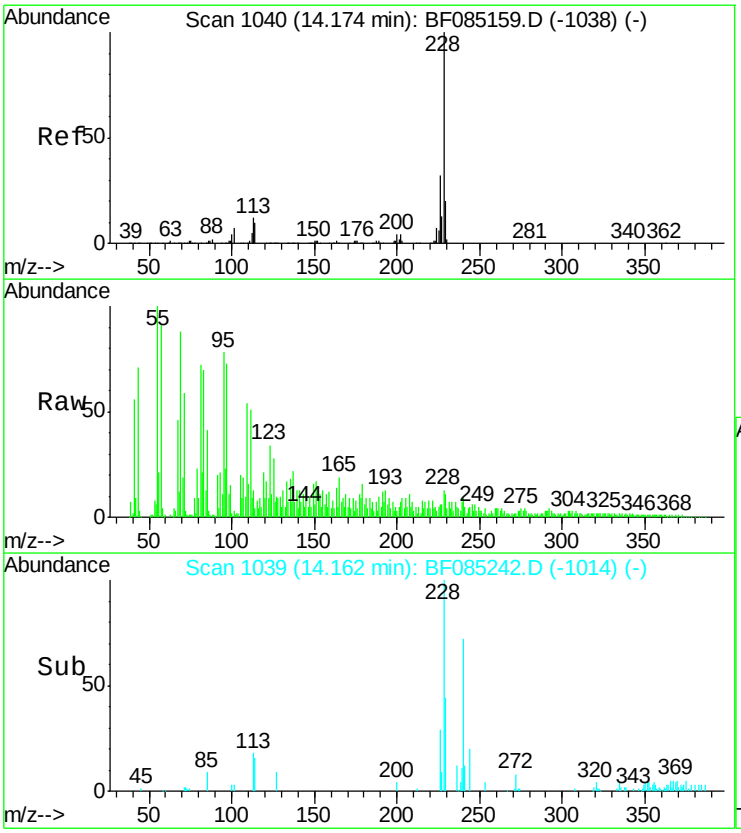
#80
Benzo(a)anthracene
Concen: 2.08 ng
RT: 14.16 min Scan# 1039
Delta R.T. 0.03 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:228 Resp: 27905

Ion	Ratio	Lower	Upper
228	100		
226	48.5	22.8	34.2#
229	84.3	16.6	24.8#

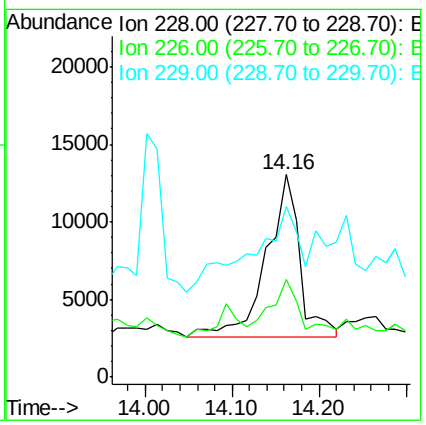


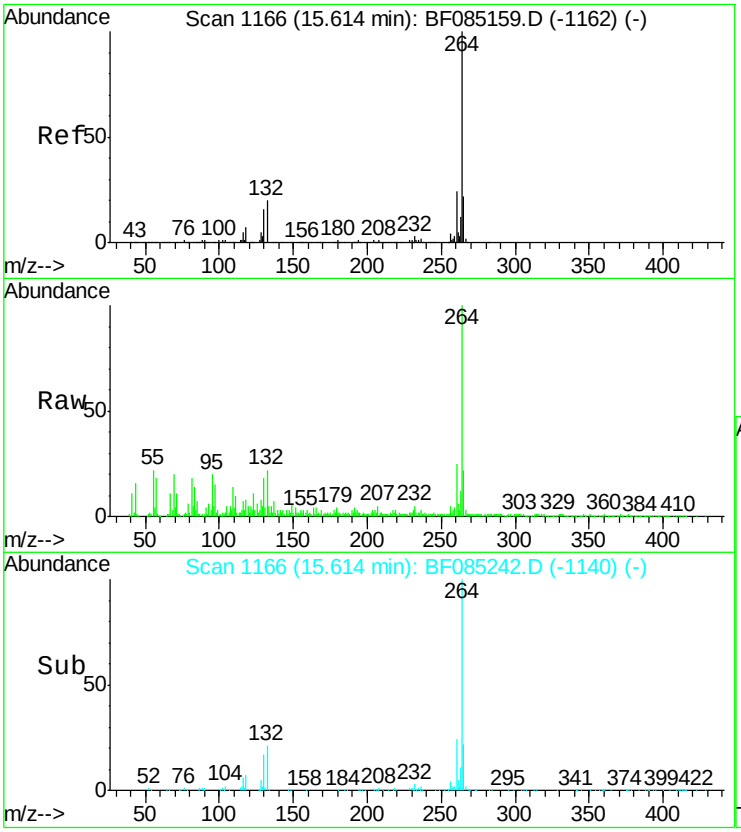


#82
Chrysene
Concen: 2.27 ng
RT: 14.16 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion:228 Resp: 28100

Ion	Ratio	Lower	Upper
228	100		
226	48.5	25.2	37.8#
229	84.3	16.0	24.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tgt Ion:264 Resp: 216720

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.3	25.9