Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085547.D
Acq On : 19 Mar 2016 1:57
Operator : UM/SJ
Sample : PB88949BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88949BL

Quant Time: Mar 19 02:31:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126397	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	538401	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	238059	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	487749	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	417471	20.00	ng	-0.01
86) Perylene-d12	15.43	264	375014	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	963398	128.02	ng	0.01
7) Phenol-d6	6.48	99	1164848	120.69	ng	-0.01
23) Nitrobenzene-d5	7.42	82	759443	81.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	316961	135.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1160885	82.59	ng	-0.01
78) Terphenyl-d14	12.96	244	1314581	75.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	265	0.07	ng	# 1
6) Aniline	6.62	93	1261	0.10	ng	# 1
9) Benzaldehyde	6.62	77	18901	2.01	ng	83
10) Phenol	6.62	94	1800	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1261	0.15	ng	# 1
15) Benzyl Alcohol	7.01	79	11363	1.72	ng	# 49
19) n-Nitroso-di-n-propylamine	7.42	70	101081	17.53	ng	# 77
24) Nitrobenzene	7.42	77	2008	0.20	ng	# 40
31) Naphthalene	8.26	128	1110	0.04	ng	# 1
45) 1,1'-Biphenyl	9.21	154	2385	0.12	ng	# 1
47) 2-Nitroaniline	9.21	65	1745	0.38	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	30100	7.94	ng	# 19
51) Acenaphthene	9.89	154	936	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.89	165	30101	6.06	ng	# 37
57) Fluorene	10.68	166	12695	0.82	ng	# 93
62) Azobenzene	10.68	77	1458	0.09	ng	# 11
64) 4,6-Dinitro-2-methylphenol	10.68	198	652	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	8337	0.55	ng	# 44
66) 4-Bromophenyl-phenylether	10.68	248	18994	3.90	ng	# 1
70) Phenanthrene	11.37	178	230	0.01	ng	# 1
71) Anthracene	11.37	178	230	0.01	ng	# 1
77) Pyrene	12.96	202	4577	0.15	ng	# 69
80) Benzo(a)anthracene	14.00	228	1119	0.05	ng	# 51
82) Chrysene	14.00	228	1119	0.05	ng	# 49
89) Benzo(a)pyrene	15.43	252	1136	0.05	ng	# 58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085547.D
Acq On : 19 Mar 2016 1:57
Operator : UM/SJ
Sample : PB88949BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Quant Time: Mar 19 02:31:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
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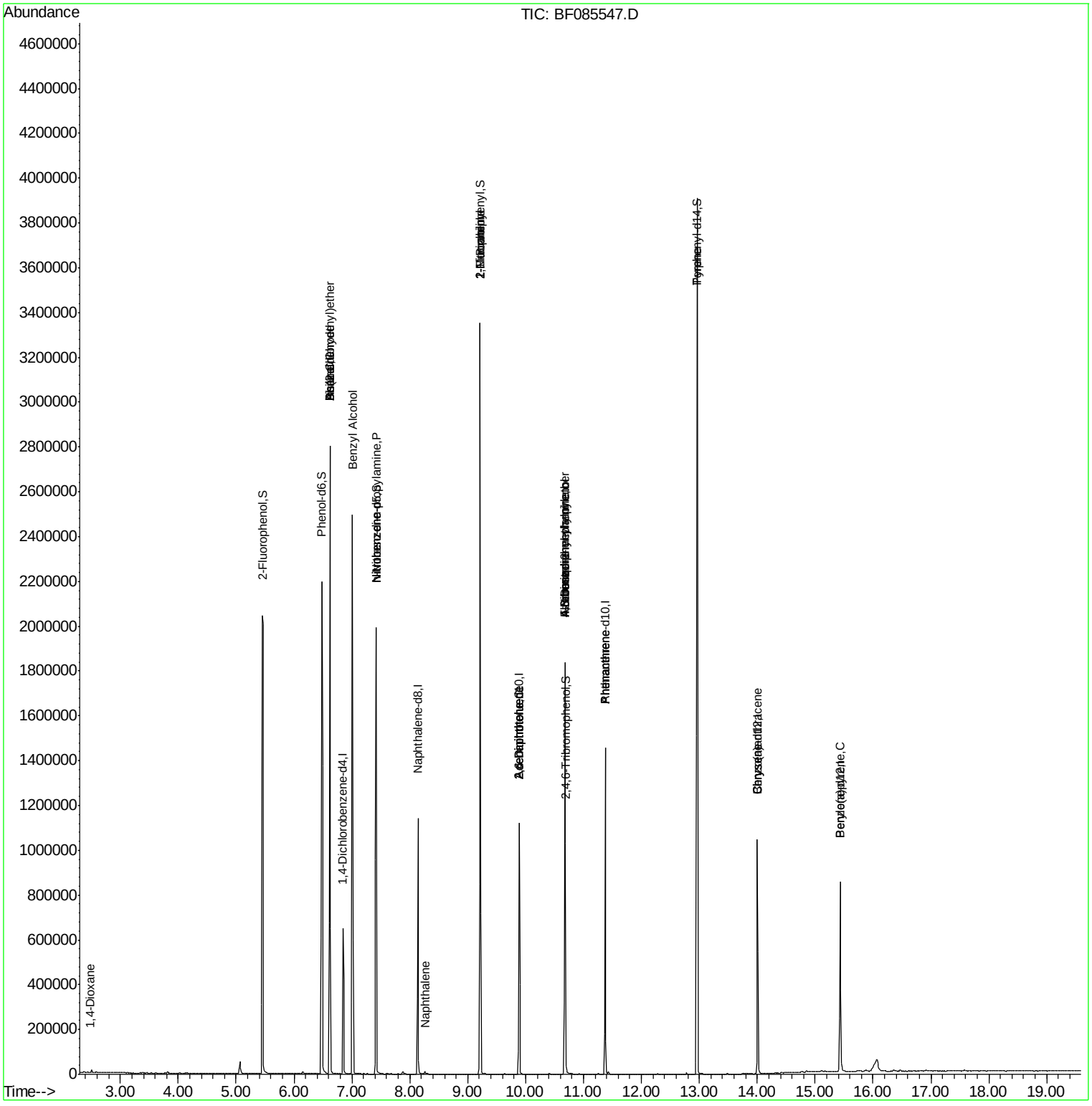
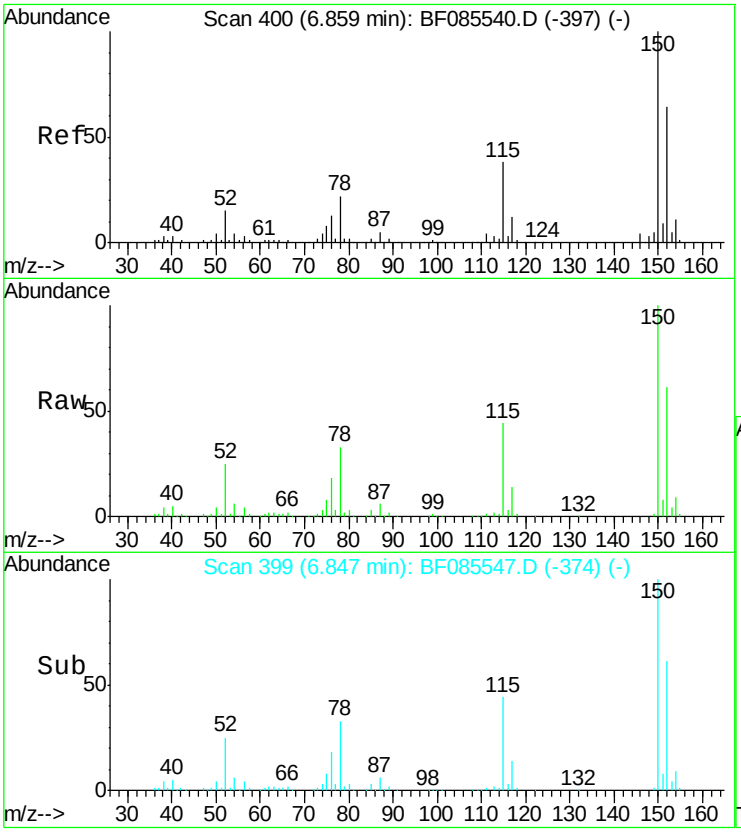


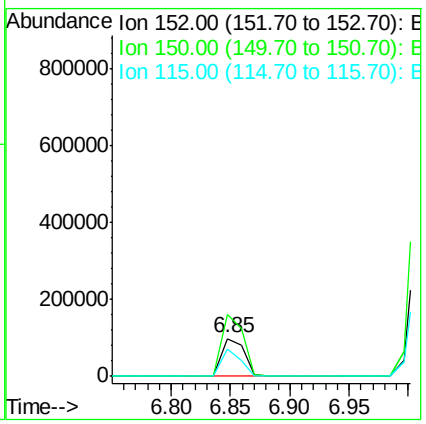


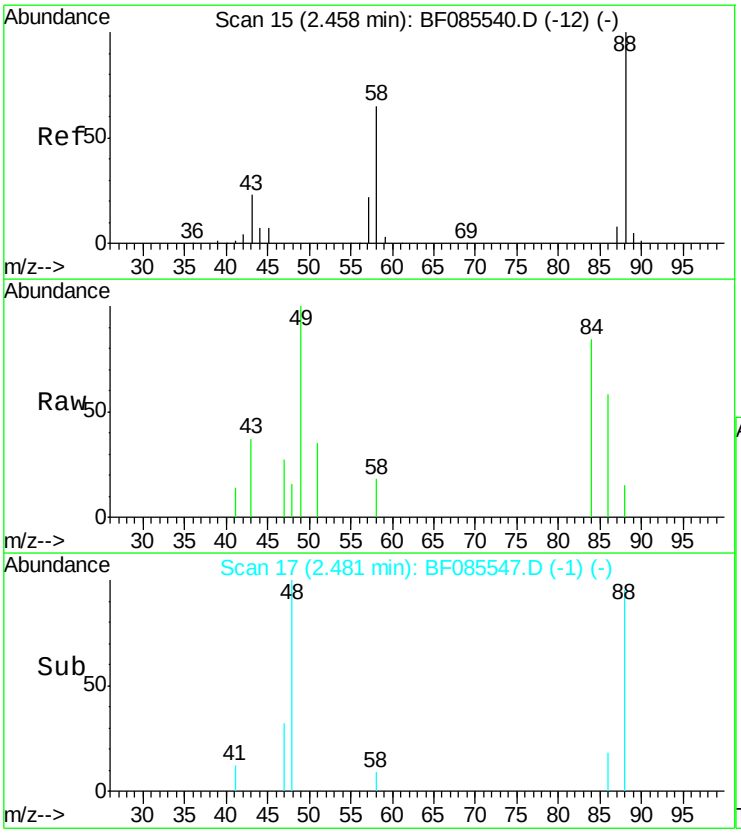
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:152 Resp: 126397

Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.2	186.2
115	72.1	47.0	70.6#

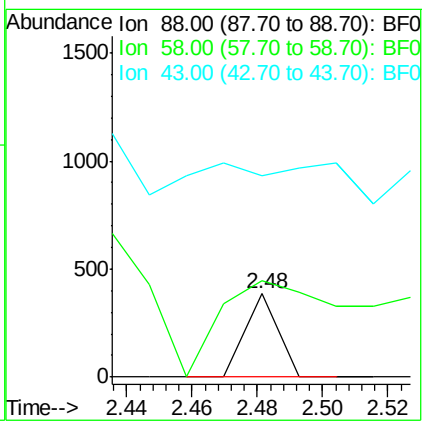


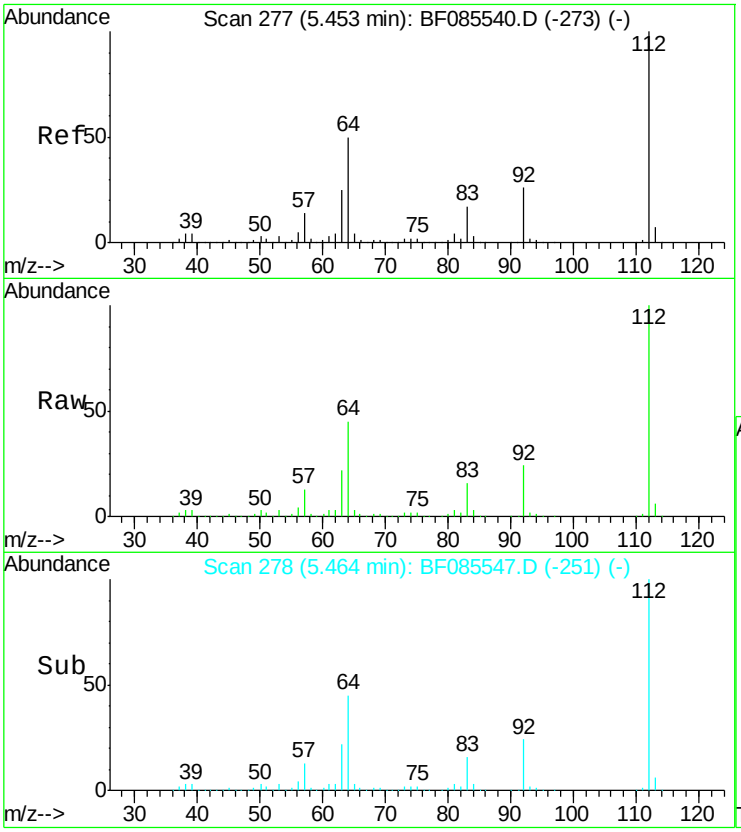


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 2.48 min Scan# 17
Delta R.T. 0.02 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
58	474.7	54.2	81.2#
43	0.0	19.3	28.9#



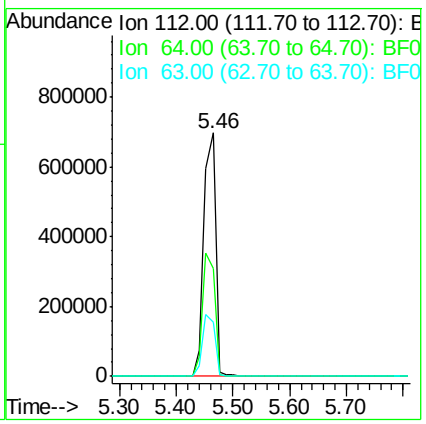


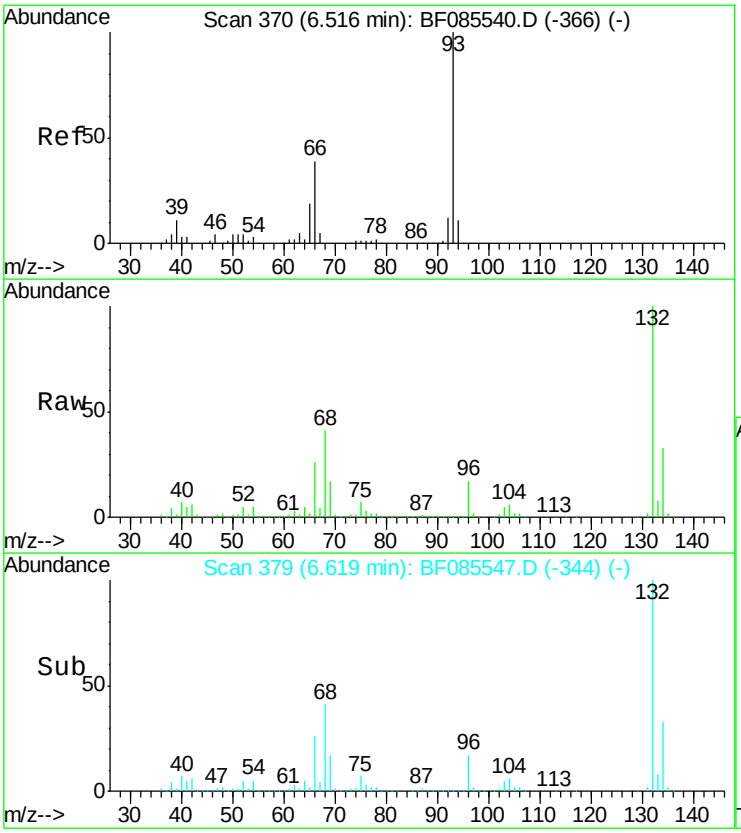
#5
2-Fluorophenol
Concen: 128.02 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:112 Resp: 963398

Ion	Ratio	Lower	Upper
112	100		
64	44.5	39.9	59.9
63	22.1	20.2	30.2

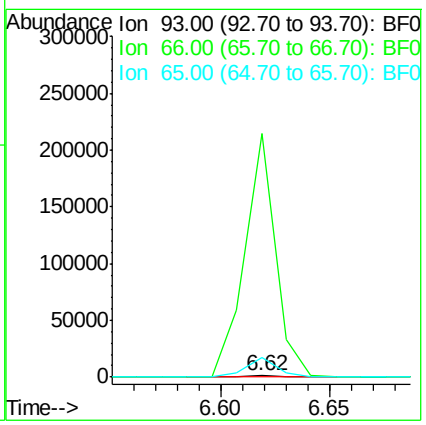


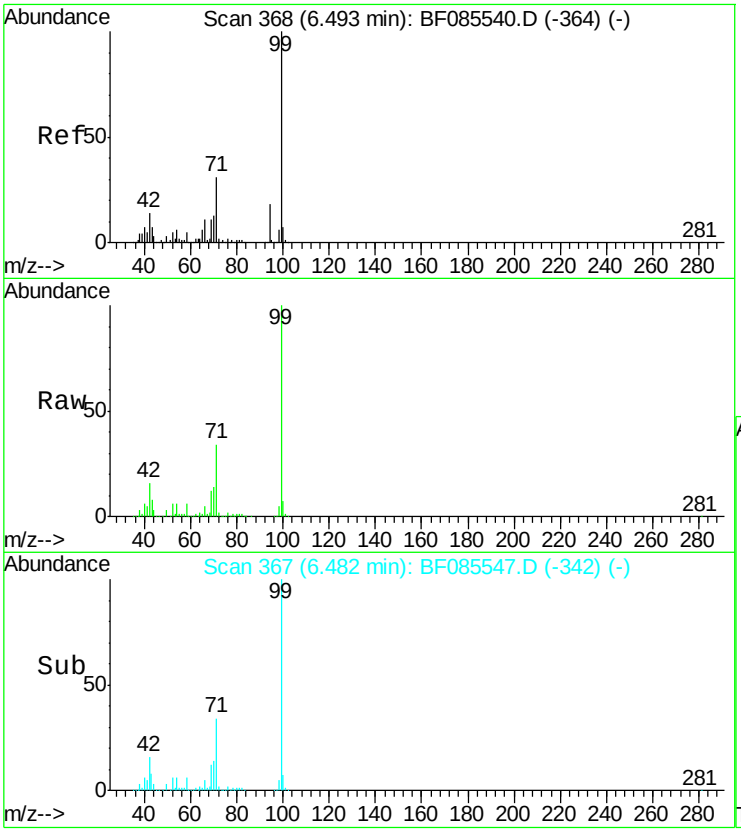


#6
Aniline
Concen: 0.10 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.10 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 93 Resp: 1261

Ion	Ratio	Lower	Upper
93	100		
66	18351.4	31.4	47.2#
65	1436.4	15.7	23.5#



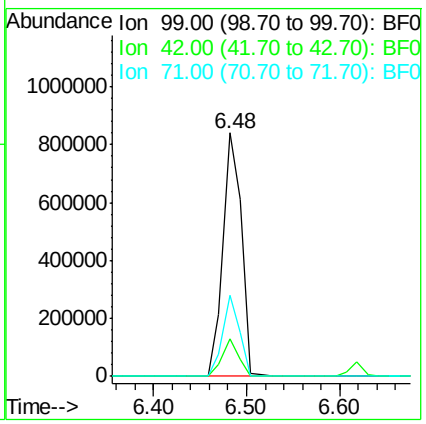


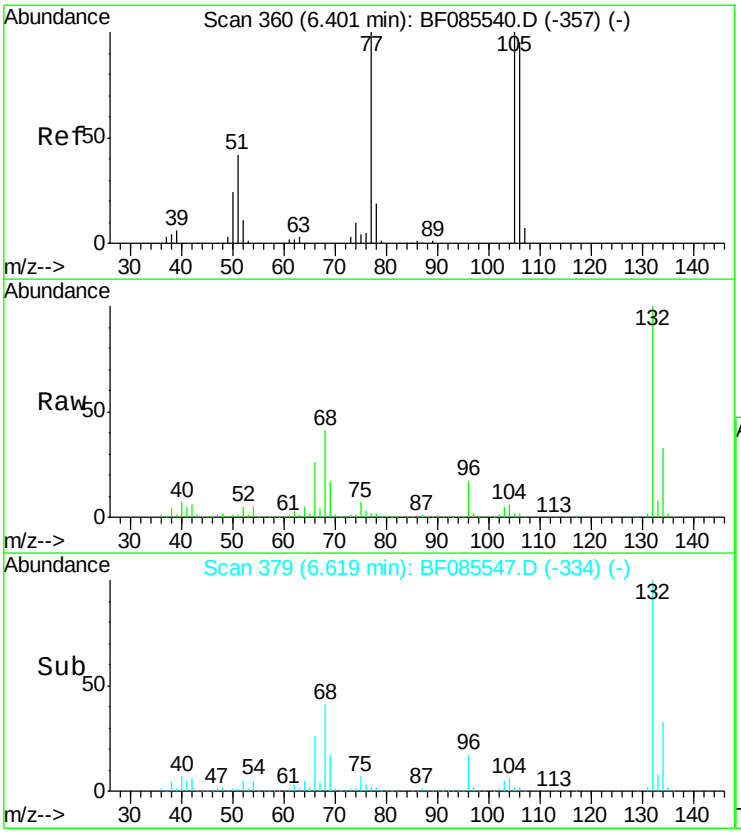
#7
Phenol-d6
Concen: 120.69 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion: 99 Resp: 1164848

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.1	16.7
71	33.6	24.9	37.3

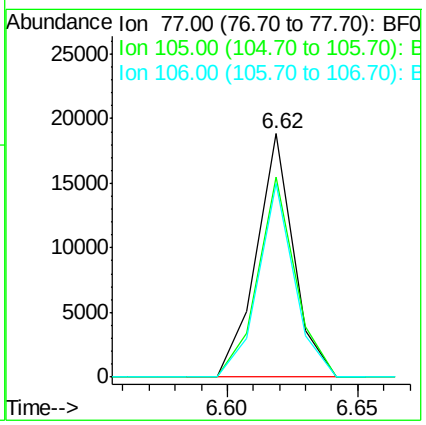


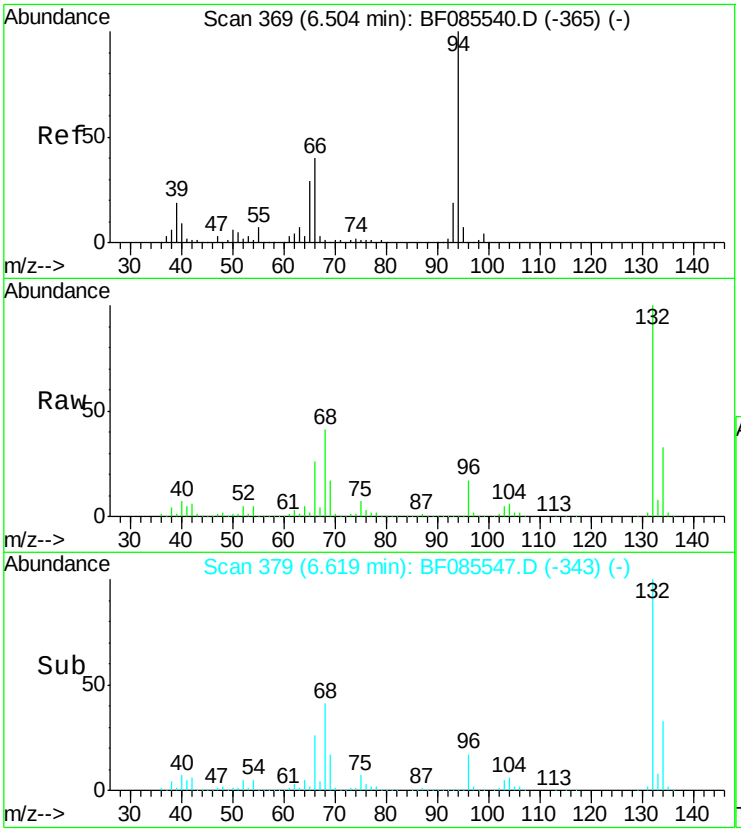


#9
Benzaldehyde
Concen: 2.01 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.22 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 77 Resp: 18901

Ion	Ratio	Lower	Upper
77	100		
105	82.0	80.1	120.1
106	79.7	75.0	115.0



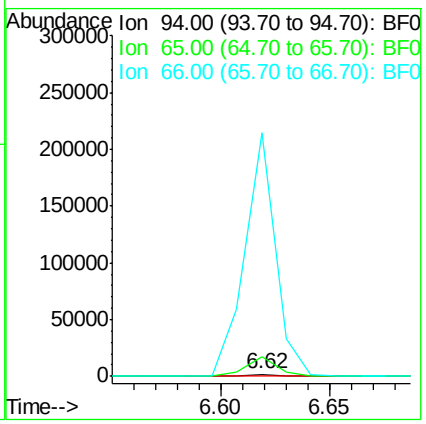


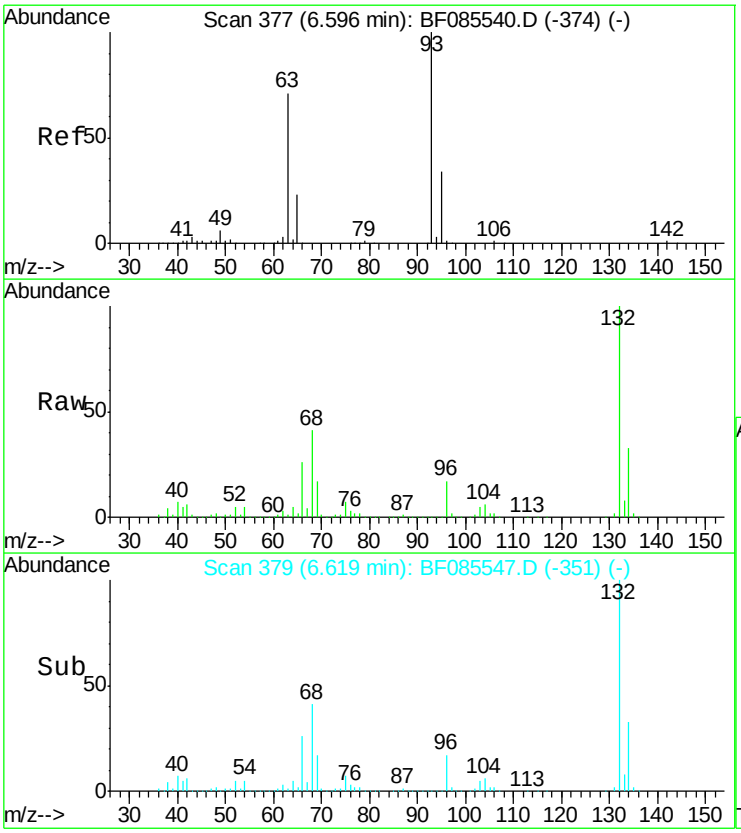
#10
Phenol
Concen: 0.16 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.11 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion: 94 Resp: 1800

Ion	Ratio	Lower	Upper
94	100		
65	937.6	8.6	48.6#
66	11978.1	20.0	60.0#

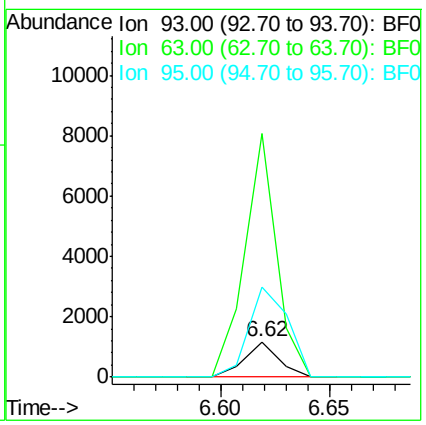


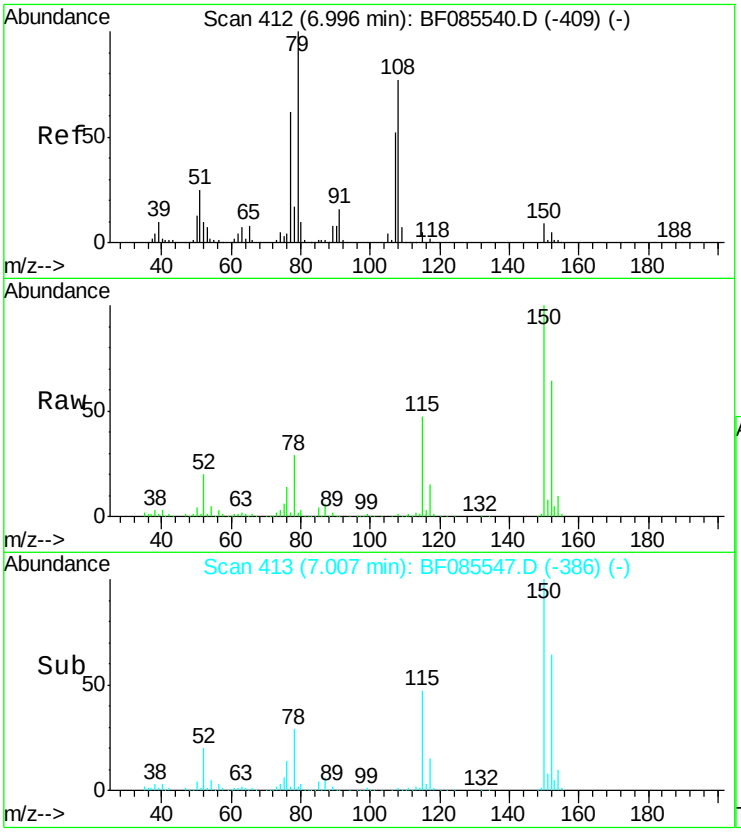


#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.62 min Scan# 379
Delta R.T. 0.02 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 93 Resp: 1261

Ion	Ratio	Lower	Upper
93	100		
63	690.2	50.9	90.9#
95	253.5	13.3	53.3#



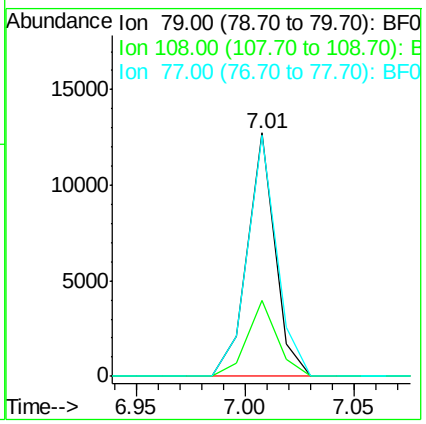


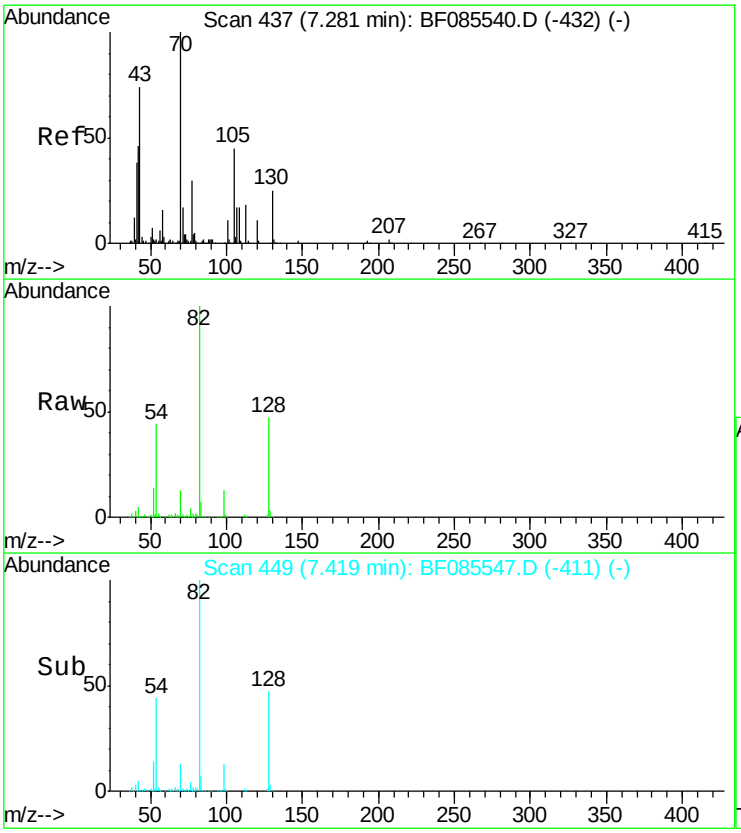
#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion: 79 Resp: 11363

Ion	Ratio	Lower	Upper
79	100		
108	31.3	61.8	92.6#
77	98.8	49.6	74.4#

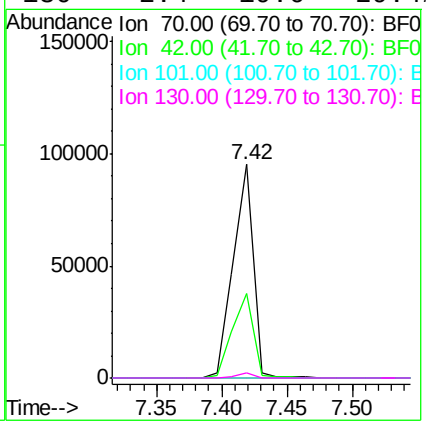


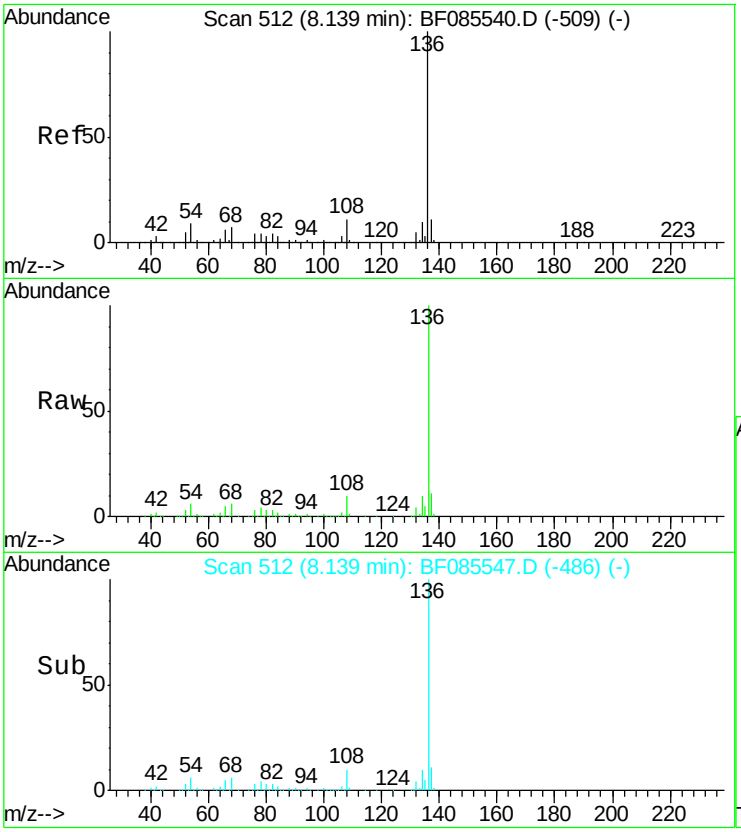


#19
n-Nitroso-di-n-propylamine
Concen: 17.53 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 70 Resp: 101081

Ion	Ratio	Lower	Upper
70	100		
42	39.3	37.1	55.7
101	0.0	8.6	12.8#
130	2.4	19.6	29.4#



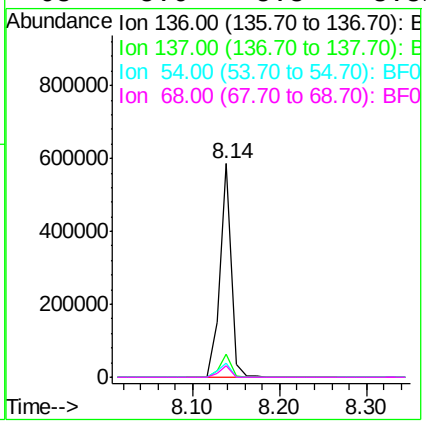


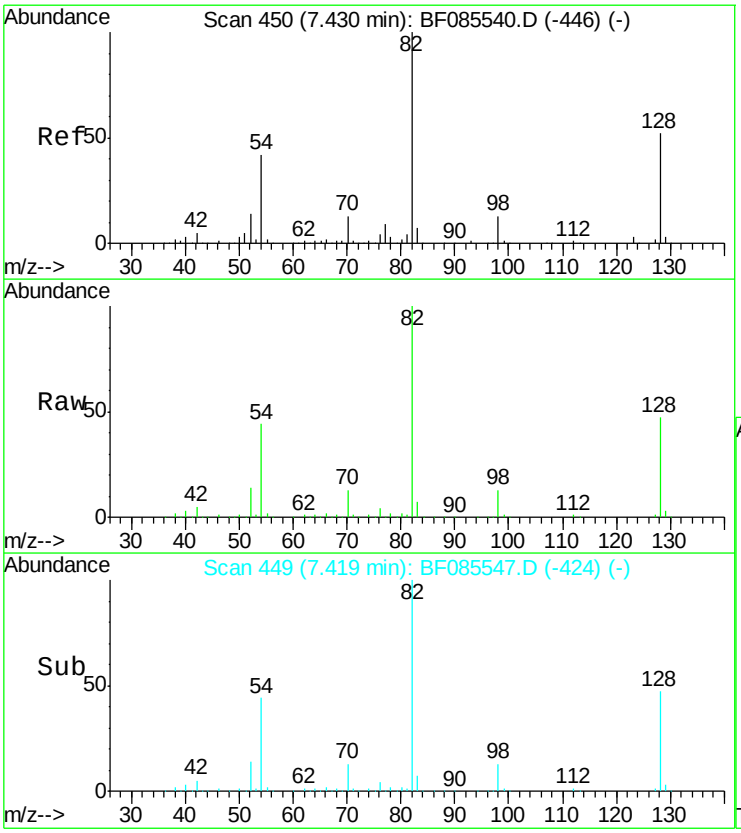
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:136 Resp: 538401

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	7.4	11.0#
68	5.6	5.8	8.8#

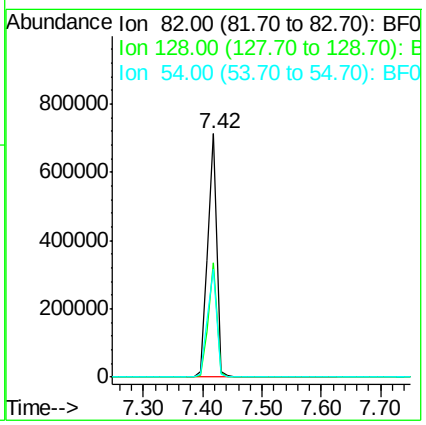


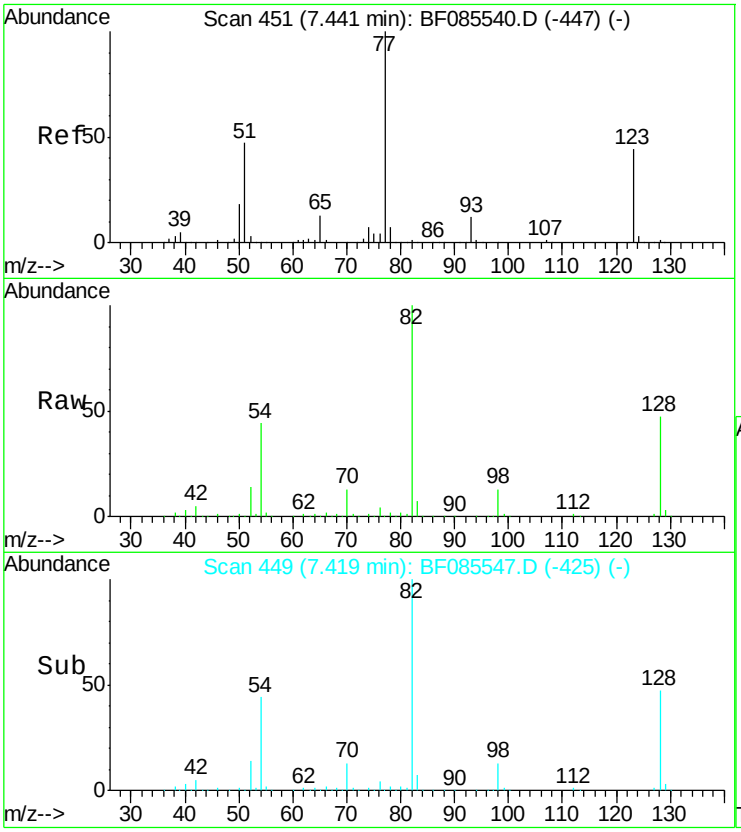


#23
Nitrobenzene-d5
Concen: 81.88 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 82 Resp: 759443

Ion	Ratio	Lower	Upper
82	100		
128	47.2	41.8	62.8
54	44.1	33.4	50.0



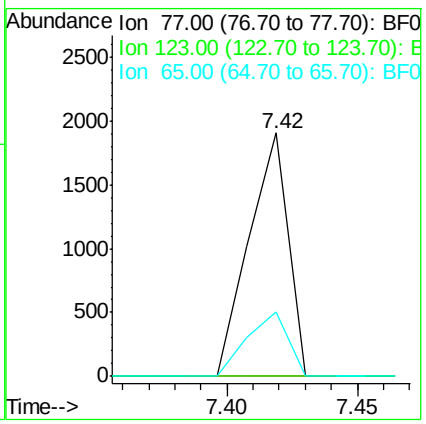


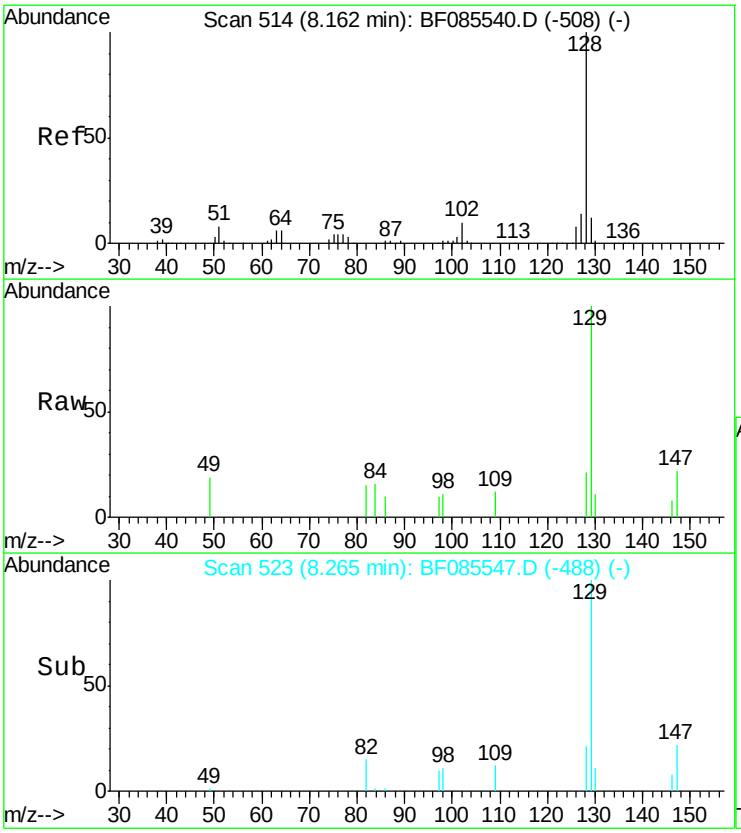
#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion: 77 Resp: 2008

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	26.7	10.6	16.0#

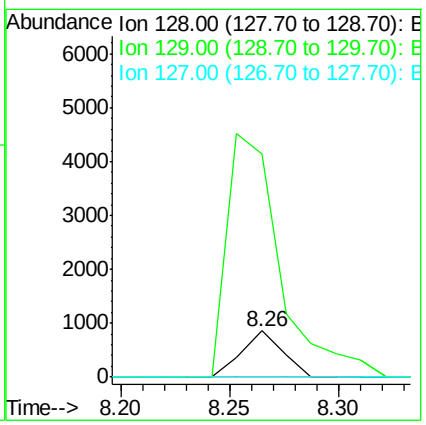


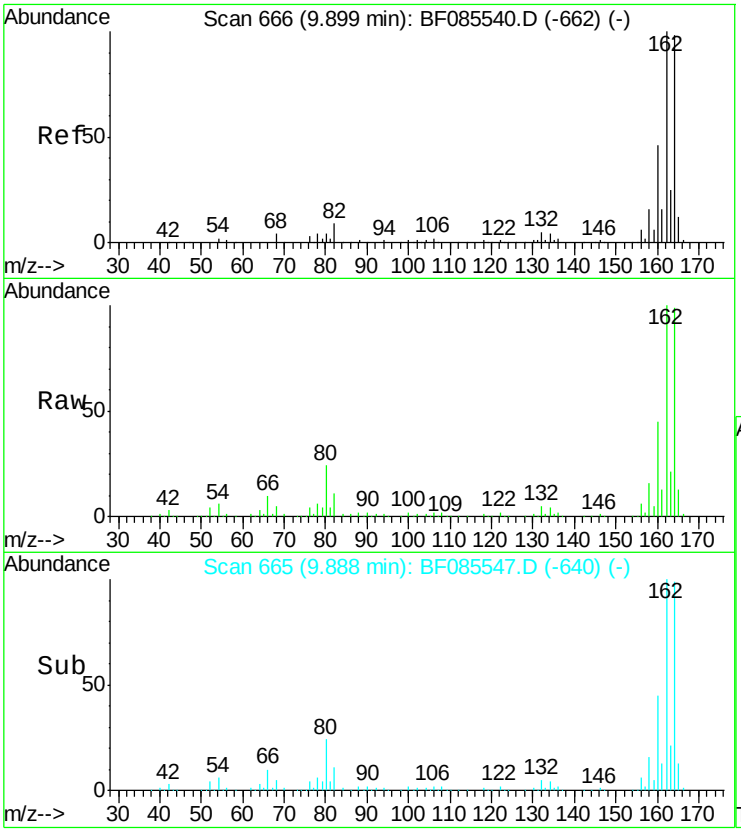


#31
Naphthalene
Concen: 0.04 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.10 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:128 Resp: 1110

Ion	Ratio	Lower	Upper
128	100		
129	484.8	9.4	14.0#
127	0.0	11.0	16.6#



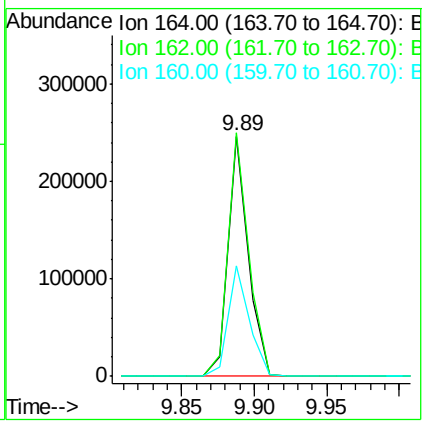


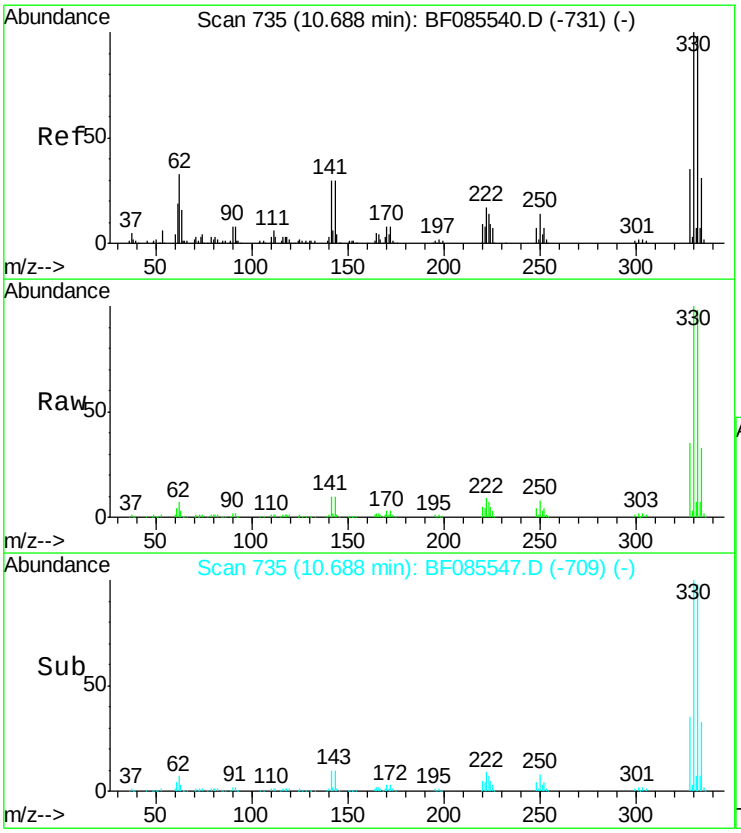
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:164 Resp: 238059

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.1	37.4	56.2

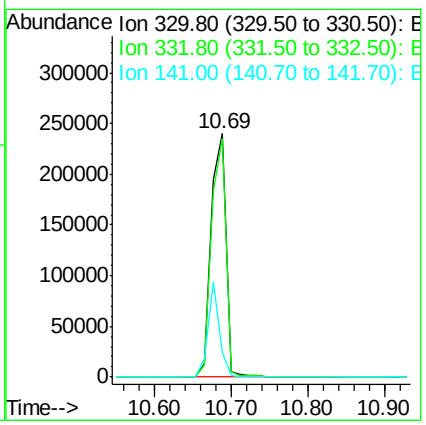


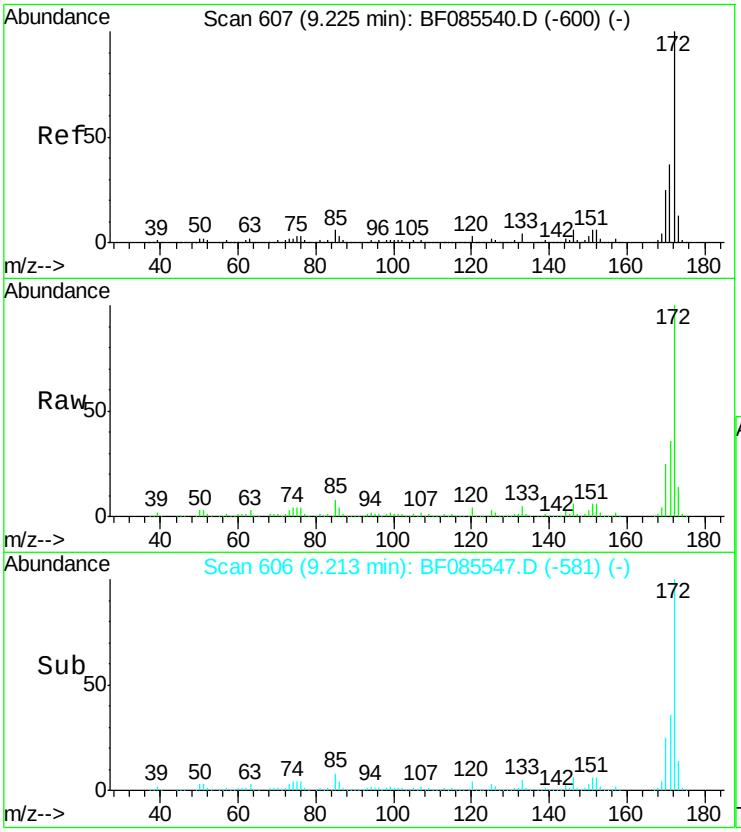


#41
2,4,6-Tribromophenol
Concen: 135.92 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:330 Resp: 316961

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	31.0	31.5	47.3#



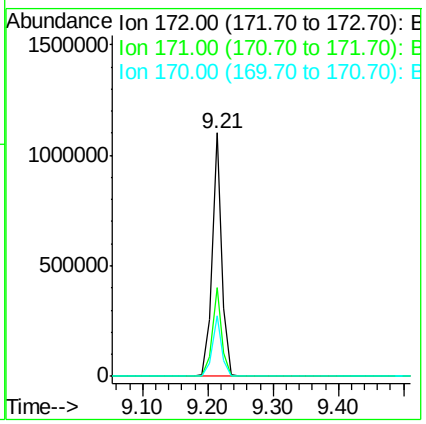


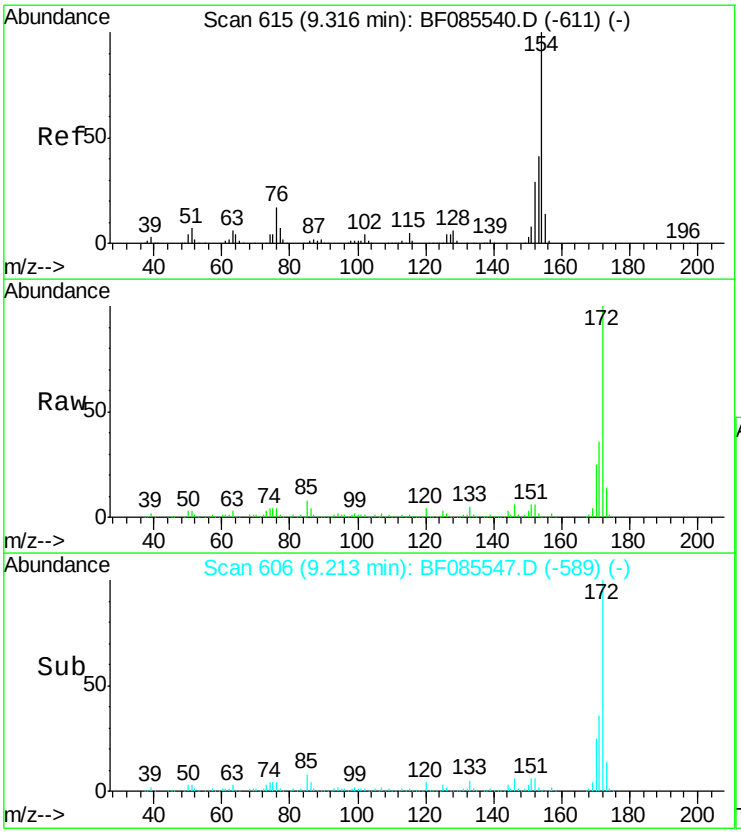
#44
2-Fluorobiphenyl
Concen: 82.59 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:172 Resp: 1160885

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.8	19.8	29.6

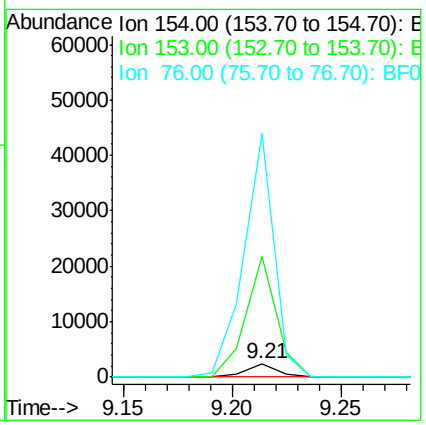


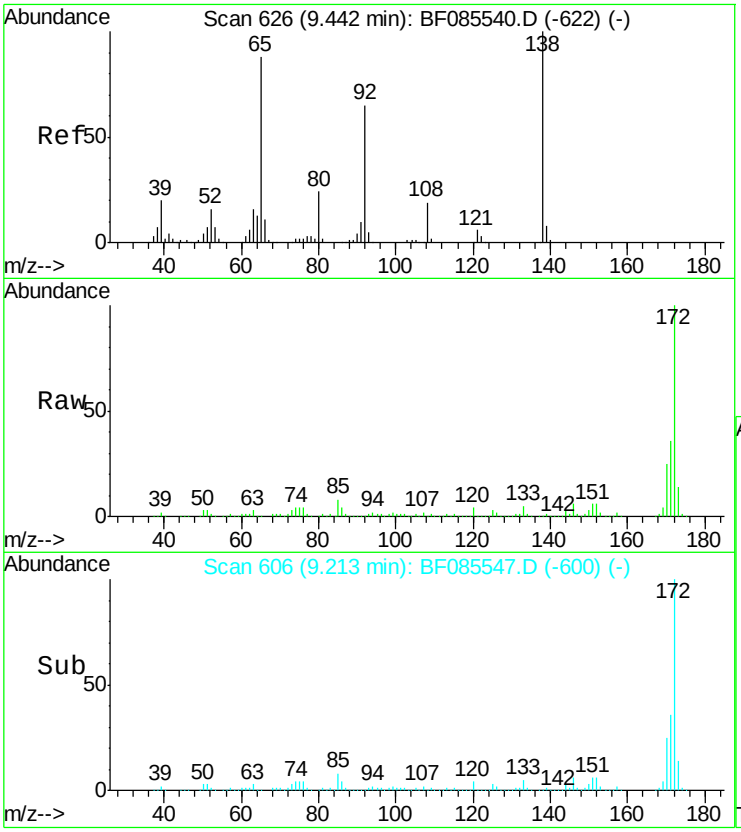


#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.10 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:154 Resp: 2385

Ion	Ratio	Lower	Upper
154	100		
153	907.9	20.8	60.8#
76	1834.2	0.0	36.7#



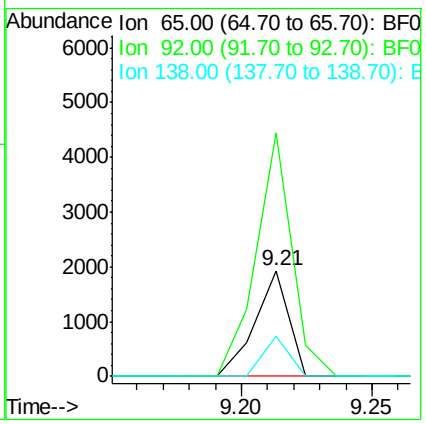


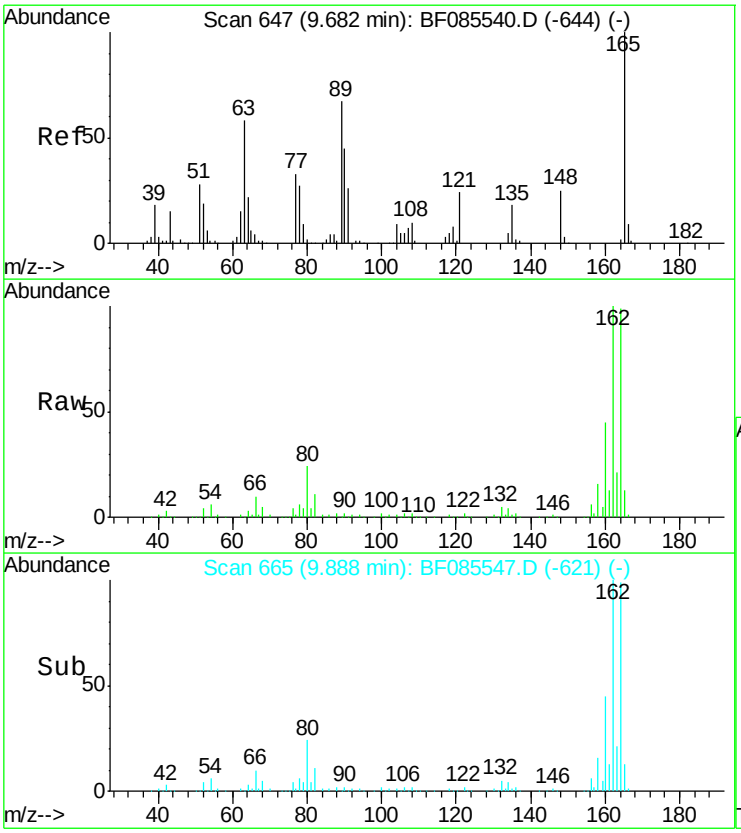
#47
2-Nitroaniline
Concen: 0.38 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.23 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion: 65 Resp: 1745

Ion	Ratio	Lower	Upper
65	100		
92	230.3	59.7	89.5#
138	38.3	91.4	137.0#

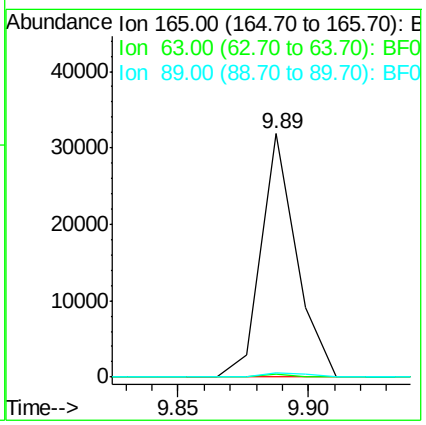


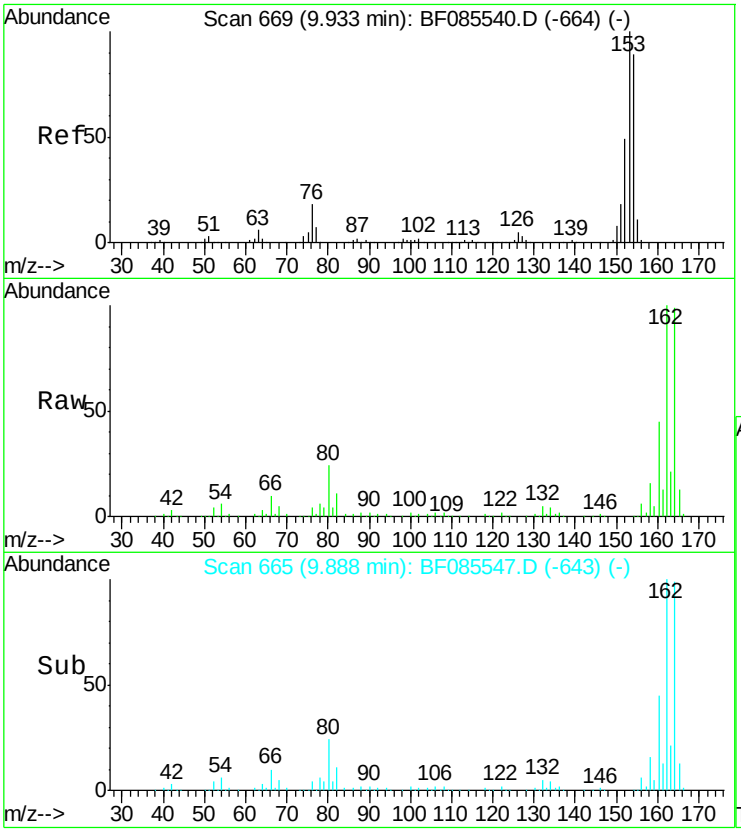


#50
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:165 Resp: 30100

Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.8#
89	1.5	53.7	80.5#



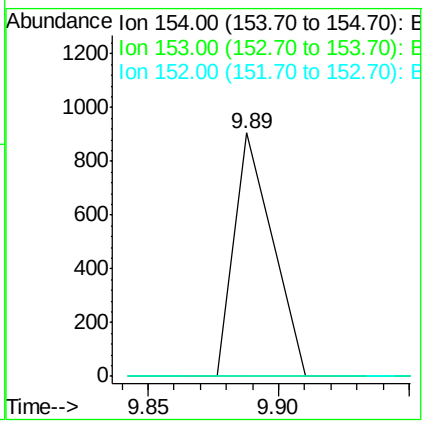


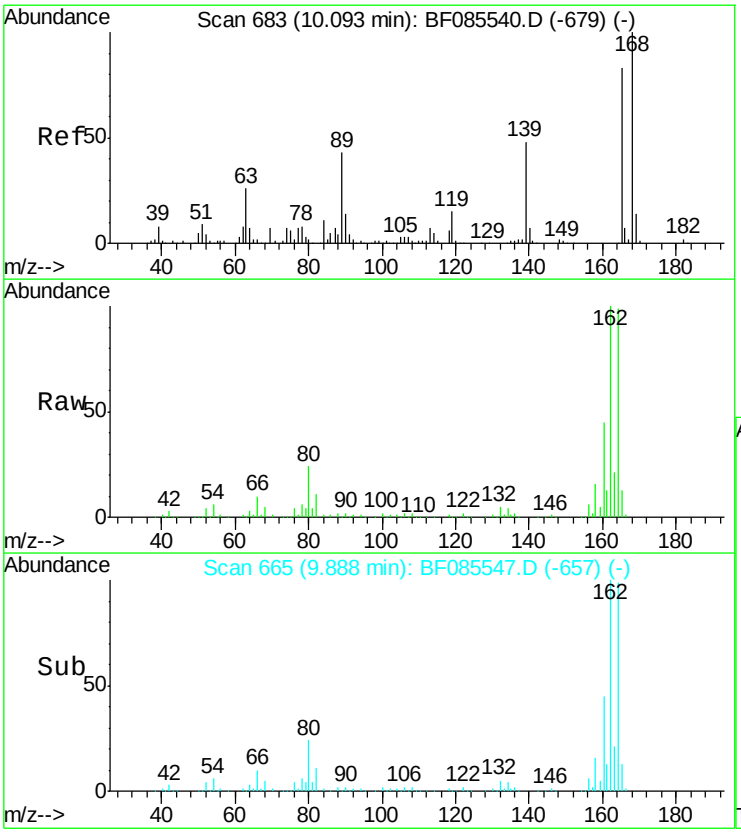
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:154 Resp: 936

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	44.2	66.2#

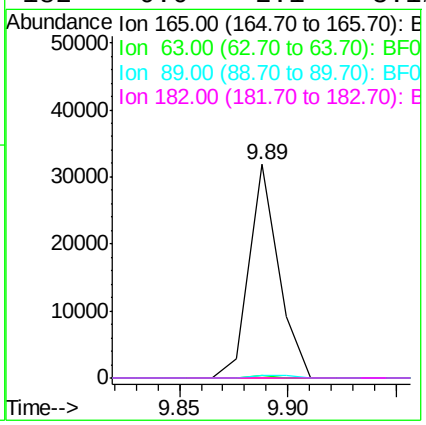


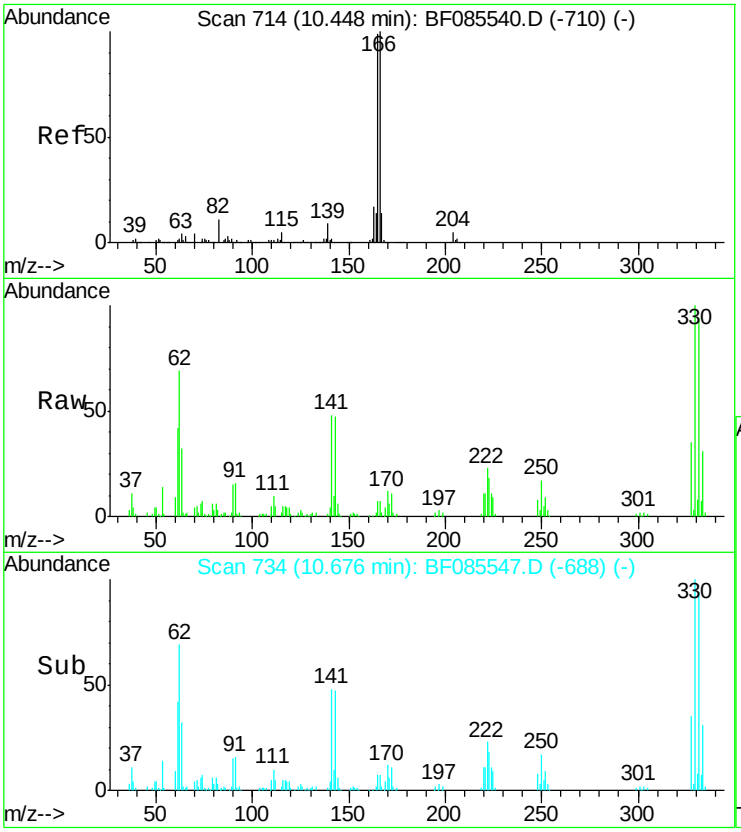


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:165 Resp: 30101

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#



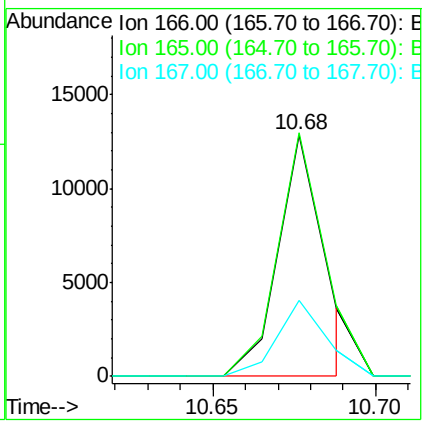


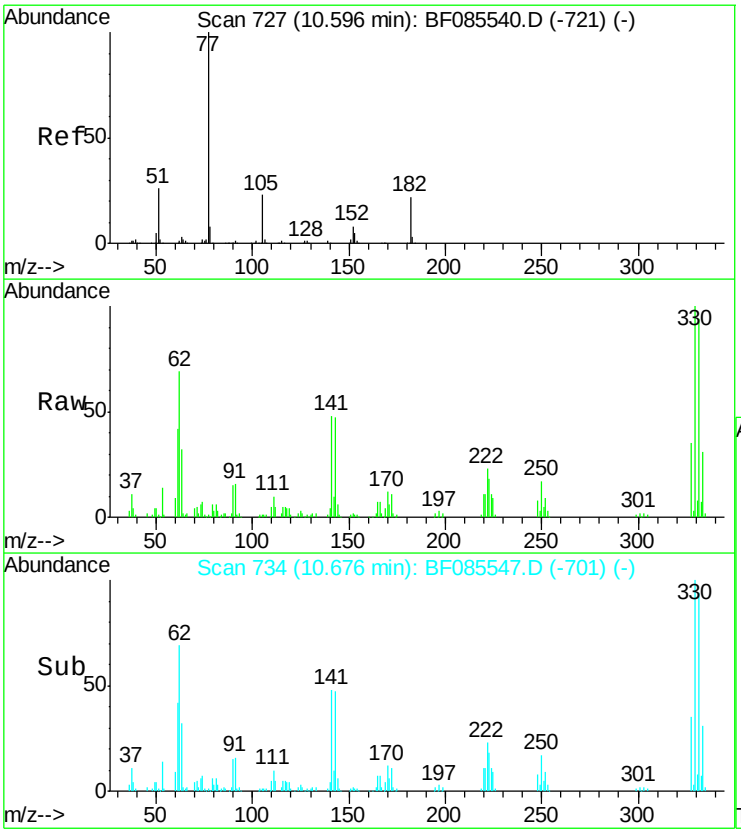
#57
Fluorene
Concen: 0.82 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.23 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:166 Resp: 12695

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.4	119.0
167	31.2	11.0	16.4#

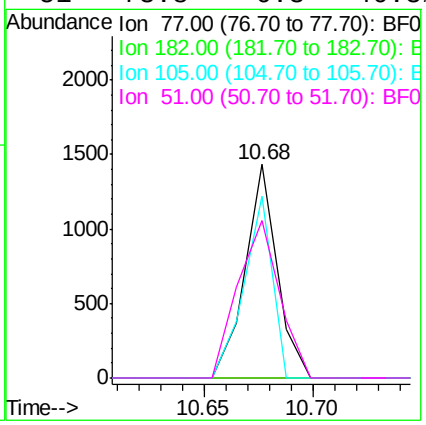


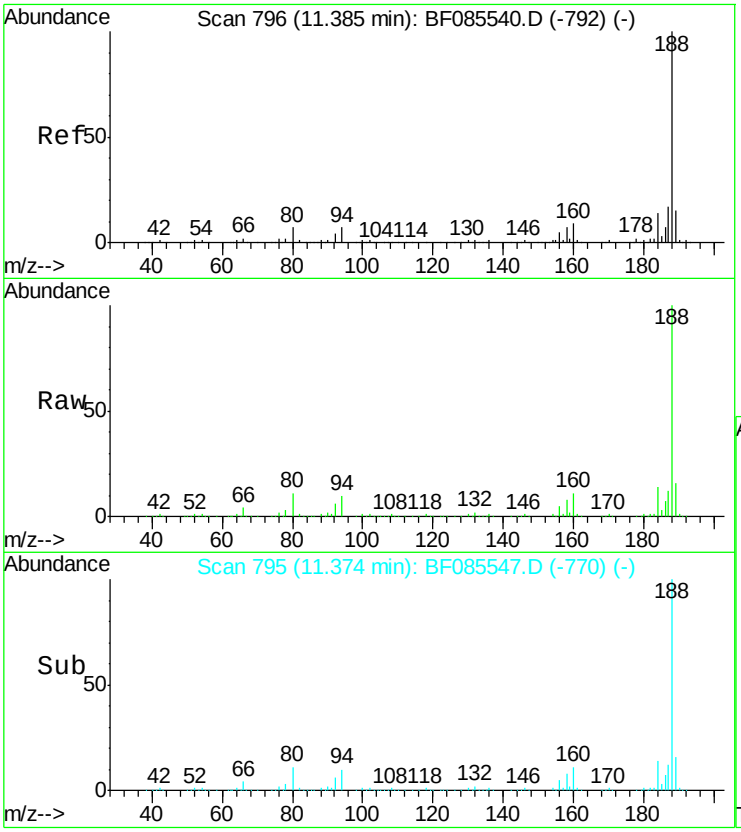


#62
Azobenzene
Concen: 0.09 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.08 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion: 77 Resp: 1458

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.9	41.9#
105	84.9	3.5	43.5#
51	73.8	6.3	46.3#



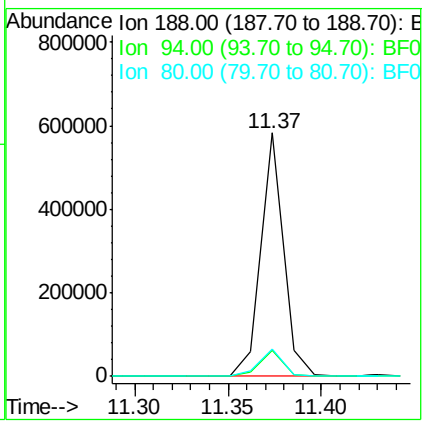


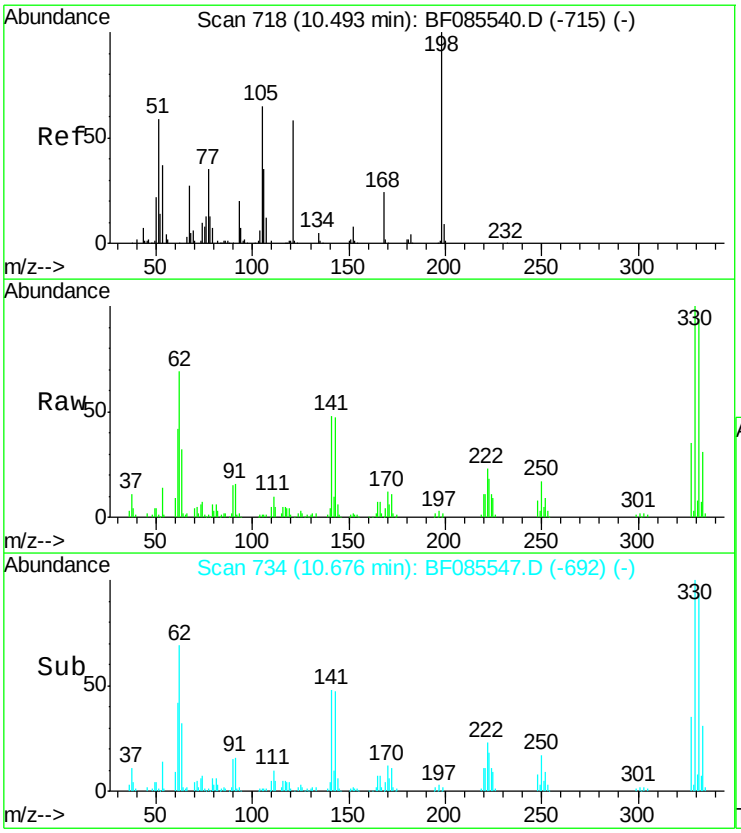
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:188 Resp: 487749

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.4	8.0#
80	11.2	5.5	8.3#

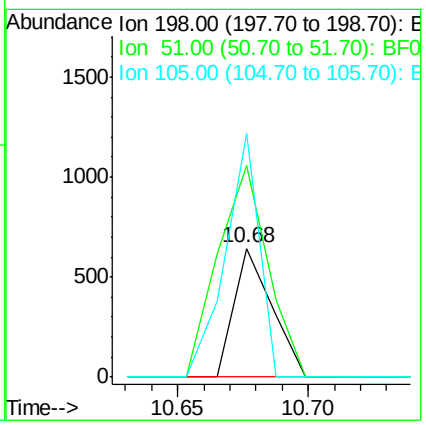


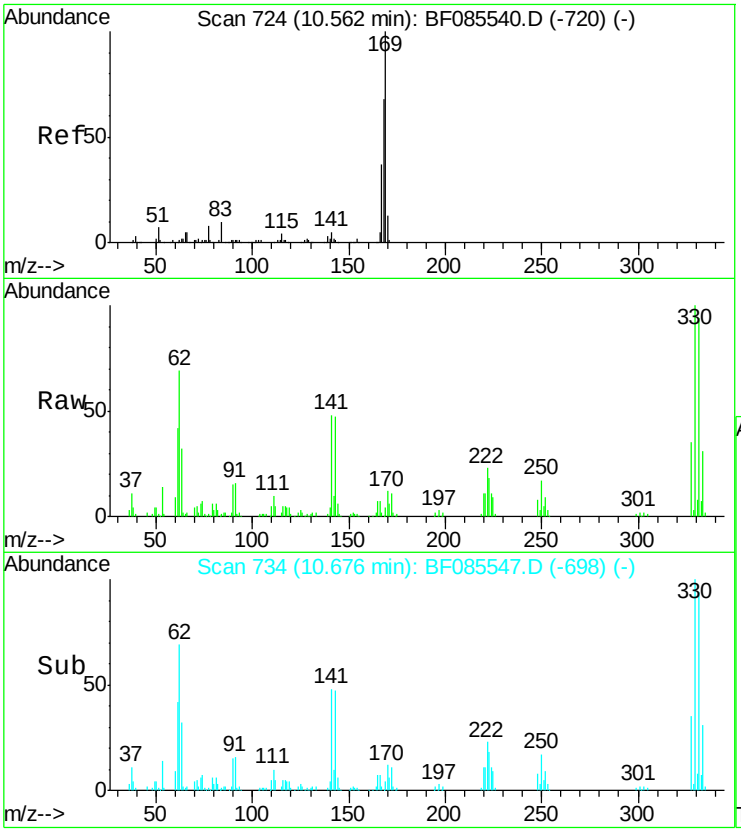


#64
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.18 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:198 Resp: 652

Ion	Ratio	Lower	Upper
198	100		
51	164.5	45.4	85.4#
105	189.3	45.9	85.9#



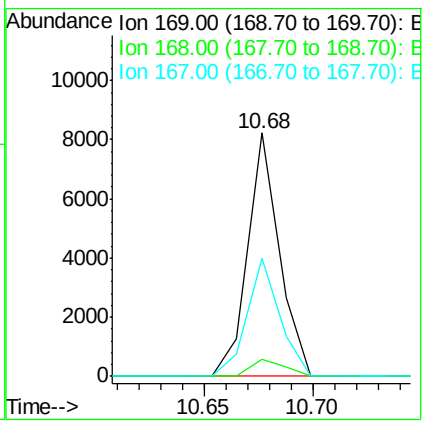


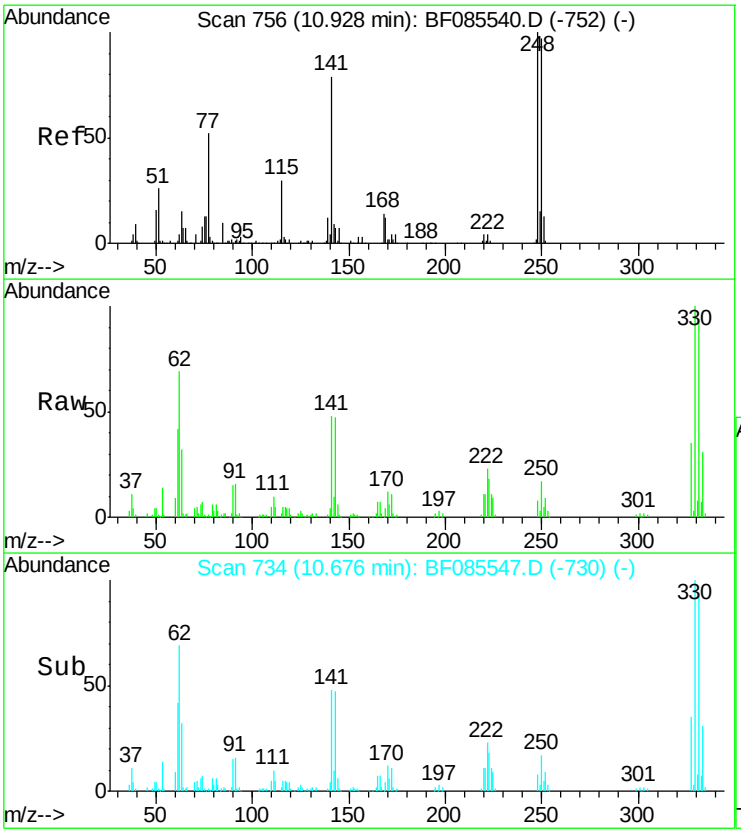
#65
n-Nitrosodiphenylamine
Concen: 0.55 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.11 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:169 Resp: 8337

Ion	Ratio	Lower	Upper
169	100		
168	7.1	54.4	81.6#
167	48.8	29.4	44.0#

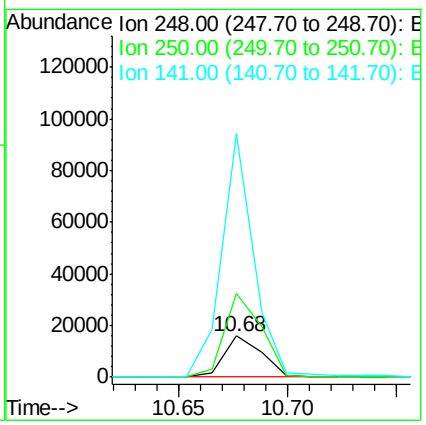


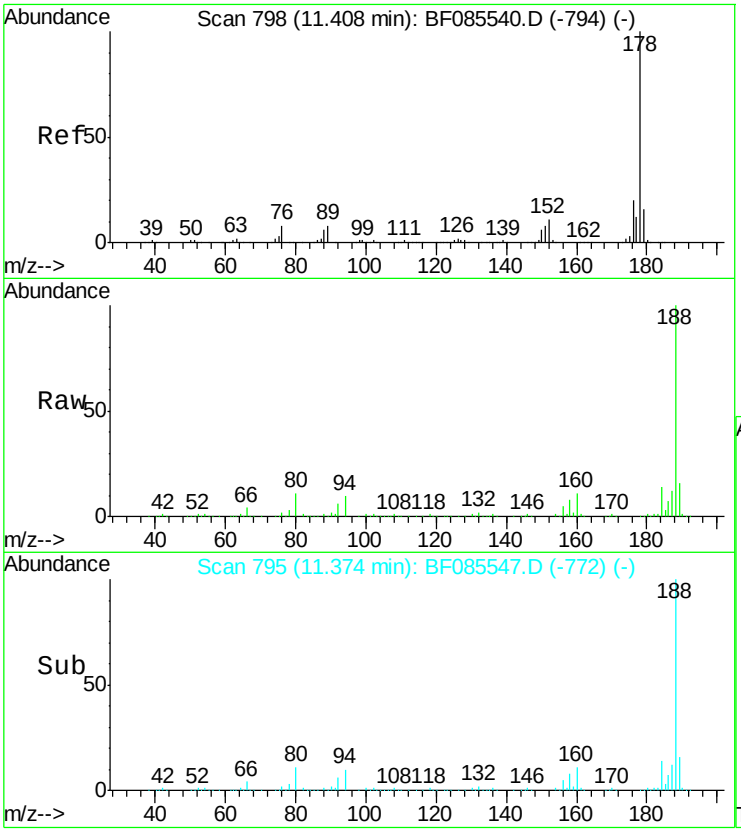


#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:248 Resp: 18994

Ion	Ratio	Lower	Upper
248	100		
250	203.5	77.4	116.0#
141	589.9	63.6	95.4#



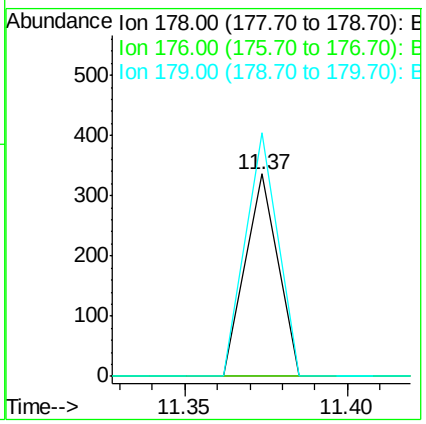


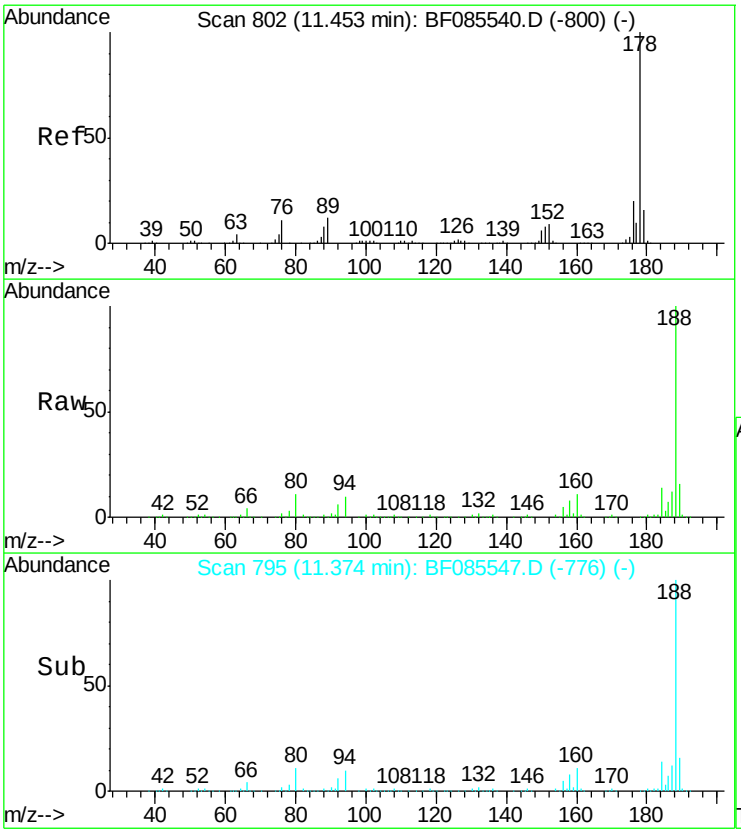
#70
Phenanthrene
Concen: 0.01 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:178 Resp: 230

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.3	24.5#
179	120.2	12.6	18.8#

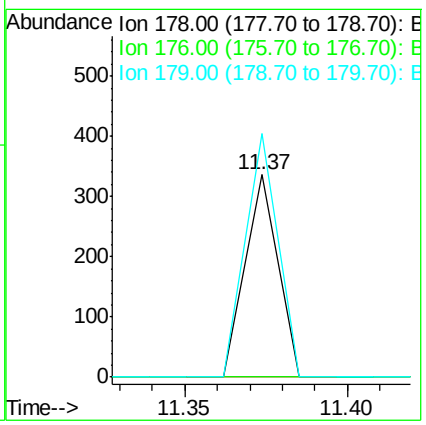


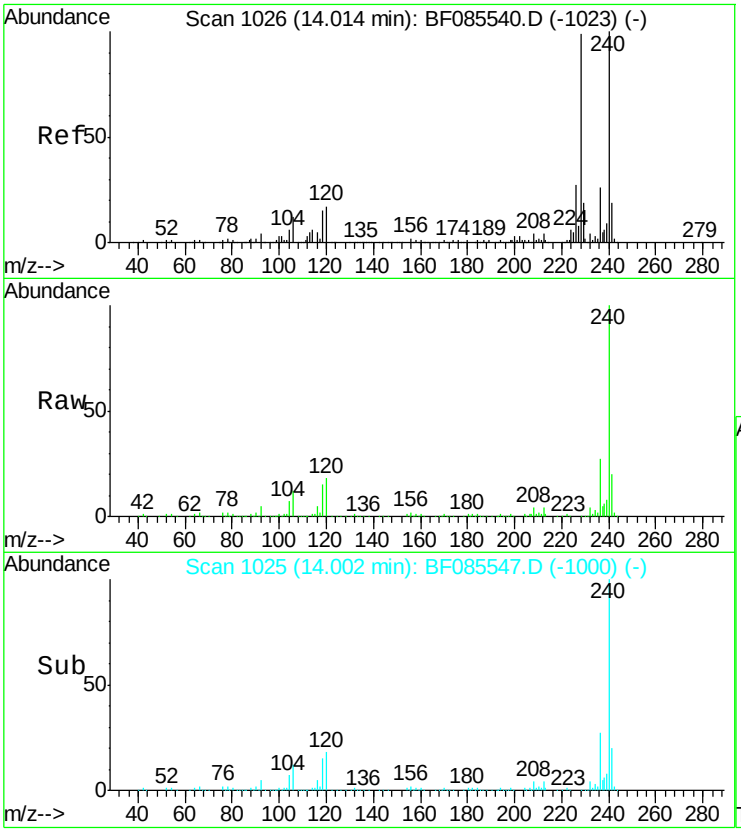


#71
Anthracene
Concen: 0.01 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.08 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:178 Resp: 230

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	120.2	13.0	19.4#



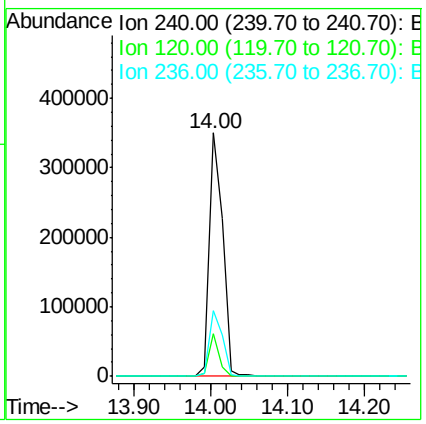


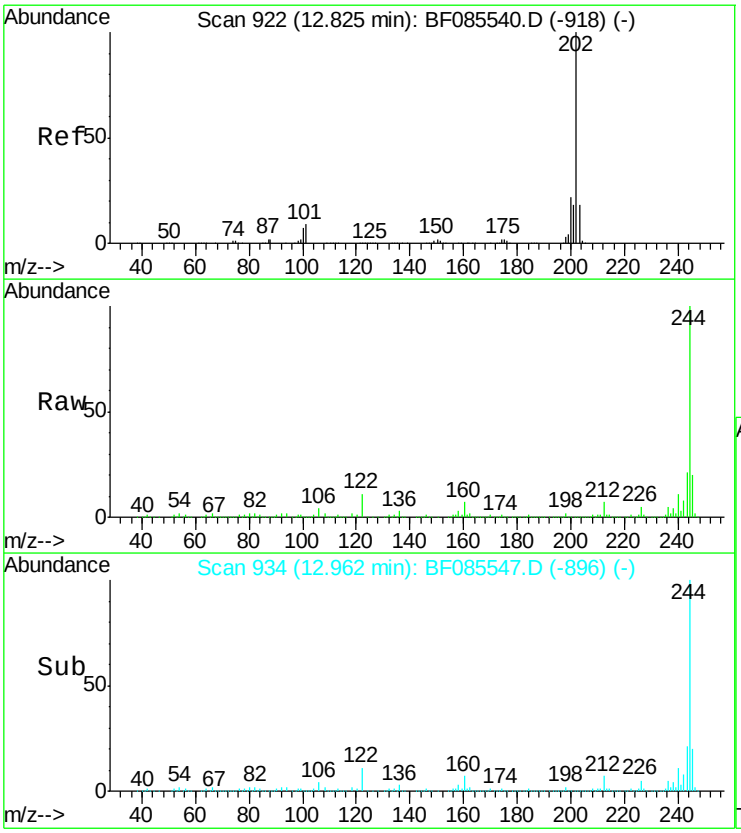
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:240 Resp: 417471

Ion	Ratio	Lower	Upper
240	100		
120	17.6	13.8	20.8
236	26.9	20.6	30.8

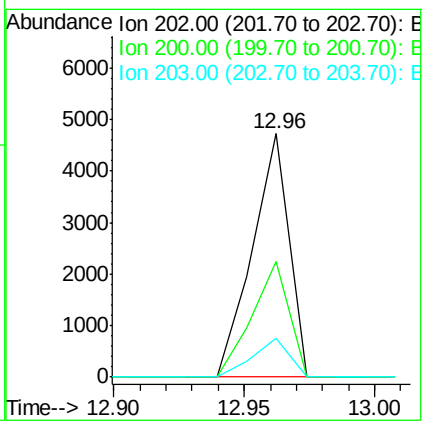


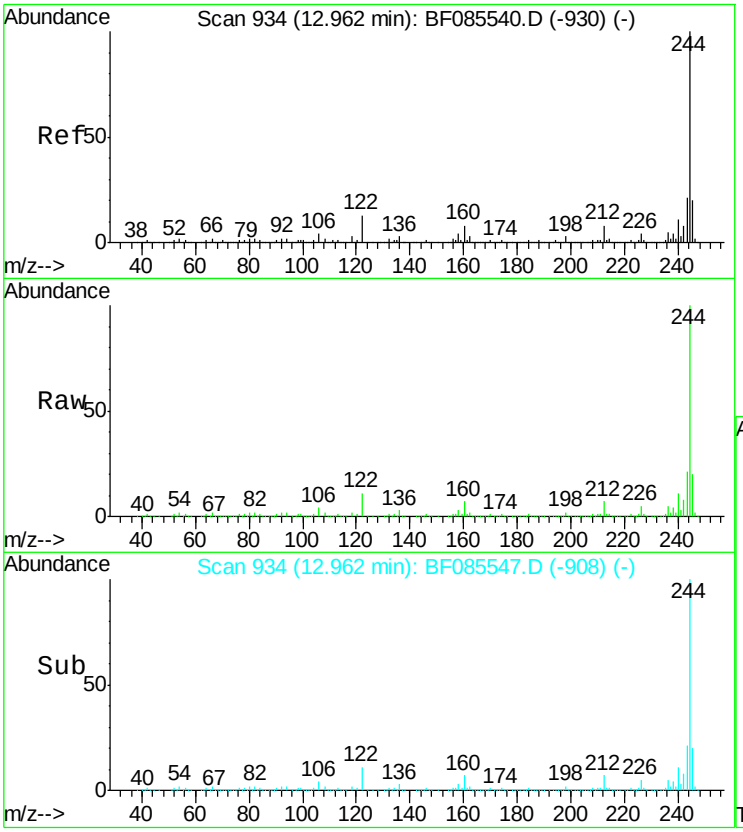


#77
Pyrene
Concen: 0.15 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.14 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:202 Resp: 4577

Ion	Ratio	Lower	Upper
202	100		
200	47.4	17.6	26.4#
203	16.0	14.0	21.0



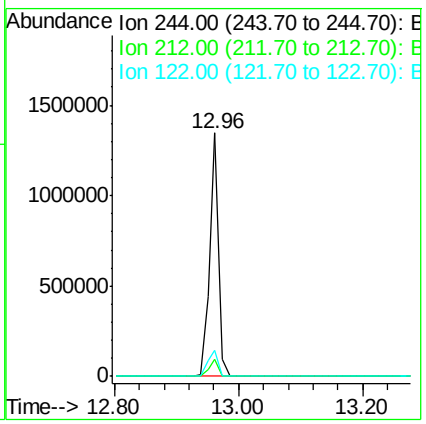


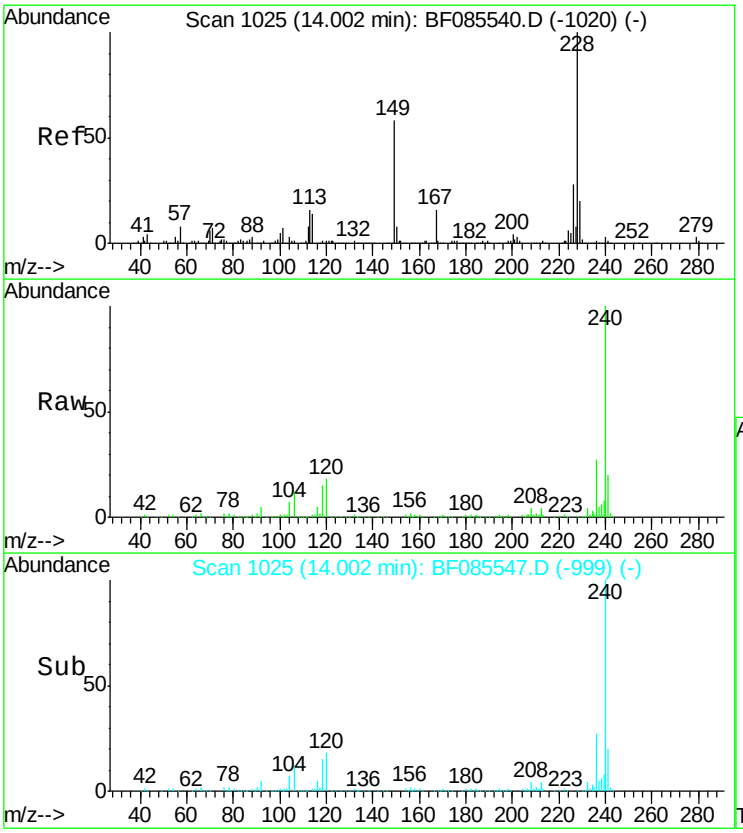
#78
Terphenyl-d14
Concen: 75.77 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:244 Resp: 1314581

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.9	10.2	15.4

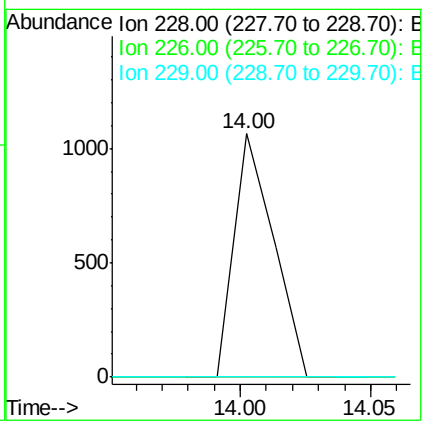


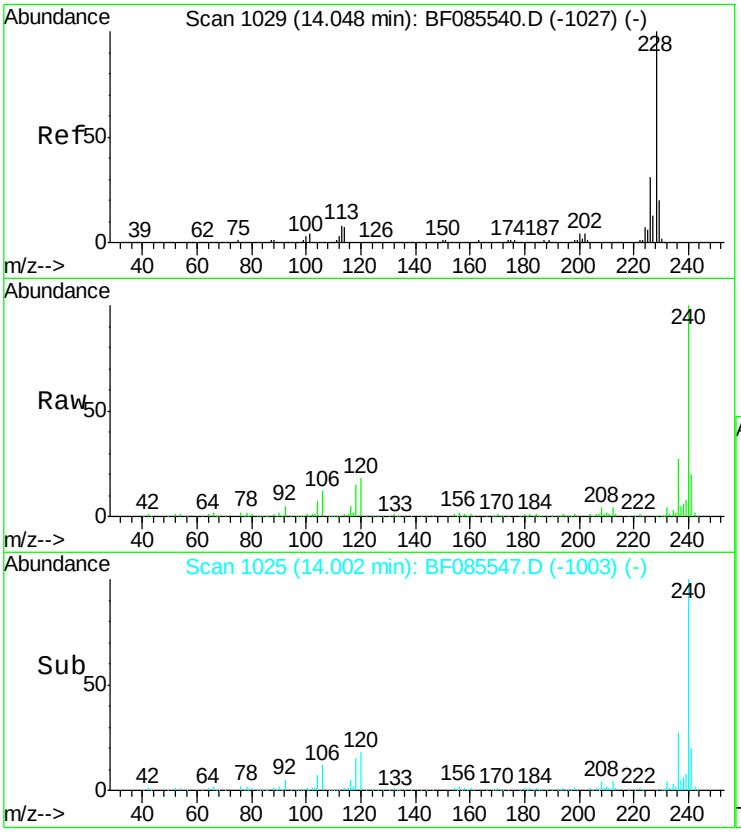


#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:228 Resp: 1119

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.1	33.1#
229	0.0	16.2	24.4#



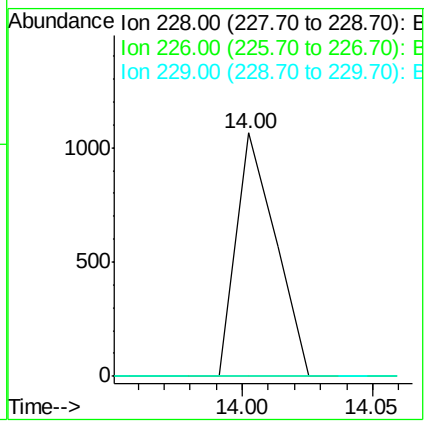


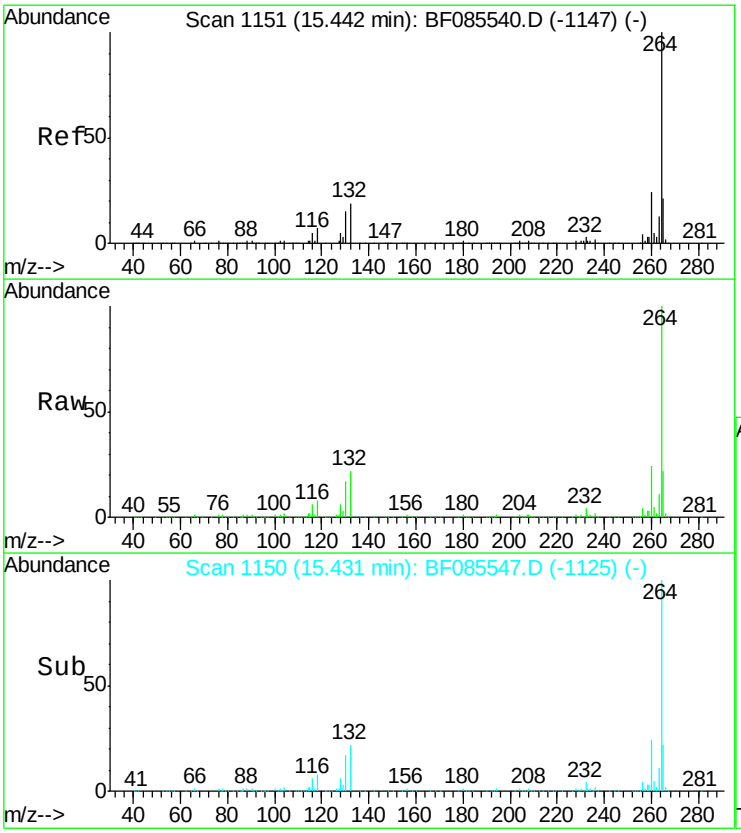
#82
Chrysene
Concen: 0.05 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:228 Resp: 1119

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	0.0	15.7	23.5#

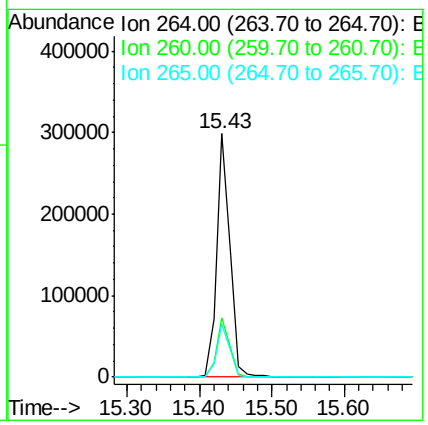


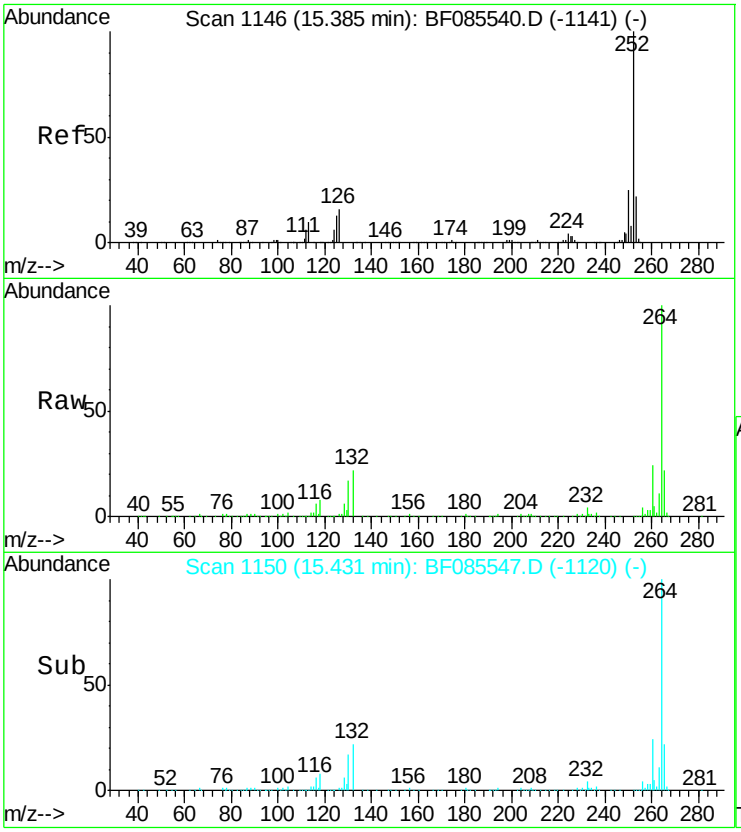


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Tgt Ion:264 Resp: 375014

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.43 min Scan# 1150
Delta R.T. 0.05 min
Lab File: BF085547.D
Acq: 19 Mar 2016 1:57

Instrument :
BNA_F
ClientSampleId :
PB88949BL

Tgt Ion:252 Resp: 1136

Ion	Ratio	Lower	Upper
252	100		
253	44.2	17.4	26.0#
125	0.0	10.3	15.5#