Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Quant Time: Mar 21 00:03:36 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	7.01	152	4645	20.00	ng		0.15
21) Naphthalene-d8	8.14	136	493924	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	217736	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	383000	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	224955	20.00	ng		0.00
86) Perylene-d12	15.43	264	244165	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	6294	22.76	ng		0.00
7) Phenol-d6	6.47	99	12629	35.61	ng		-0.02
23) Nitrobenzene-d5	7.42	82	7773	0.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	1994	0.93	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	19035	-1.00	ng		-0.01
78) Terphenyl-d14	12.95	244	11949	1.28	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.49	93	4938	10.37	ng	#	1
10) Phenol	6.49	94	237882	588.85	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	4937	16.21	ng	#	1
15) Benzyl Alcohol	7.10	79	19395	79.83	ng	#	1
17) 2-Methylphenol	7.10	107	44948	169.49	ng		97
18) Hexachloroethane	7.54	117	1142	8.89	ng	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	882	4.16	ng	#	42
20) 3+4-Methylphenols	7.34	107	5429	17.68	ng	#	26
27) 2,4-Dimethylphenol	7.80	122	34819	4.28	ng		98
31) Naphthalene	8.17	128	3533730	141.74	ng		97
32) Benzoic acid	7.92	122	28410	4.17	ng	#	21
33) 4-Chloroaniline	8.17	127	514153	50.32	ng	#	36
37) 2-Methylnaphthalene	8.85	142	726470	47.80	ng		98
45) 1,1'-Biphenyl	9.32	154	205525	10.94	ng		94
48) Acenaphthylene	9.75	152	1008809	45.43	ng		99
51) Acenaphthene	9.92	154	62804	4.51	ng		97
54) Dibenzofuran	10.09	168	670924	39.54	ng		96
55) 4-Nitrophenol	10.09	139	274088	81.63	ng	#	11
57) Fluorene	10.44	166	765119	54.10	ng		100
70) Phenanthrene	11.41	178	2042220	101.13	ng		98
71) Anthracene	11.45	178	941544	44.47	ng		100
72) Carbazole	11.60	167	365423	20.00	ng		99
74) Fluoranthene	12.58	202	1305207	61.73	ng		98
77) Pyrene	12.81	202	947006	58.63	ng		99
80) Benzo(a)anthracene	14.00	228	553497	42.38	ng	#	81
82) Chrysene	14.00	228	553497	44.05	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.83	276	170651	16.25	ng		96
87) Benzo(b)fluoranthene	15.03	252	547860	34.39	ng		98
88) Benzo(k)fluoranthene	15.13	252	113411	8.64	ng		93
89) Benzo(a)pyrene	15.37	252	327274	24.23	ng		96
90) Dibenzo(a,h)anthracene	17.00	278	45457	4.04	ng		94
91) Benzo(g,h,i)perylene	17.25	276	149952	13.75	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Quant Time: Mar 21 00:03:36 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
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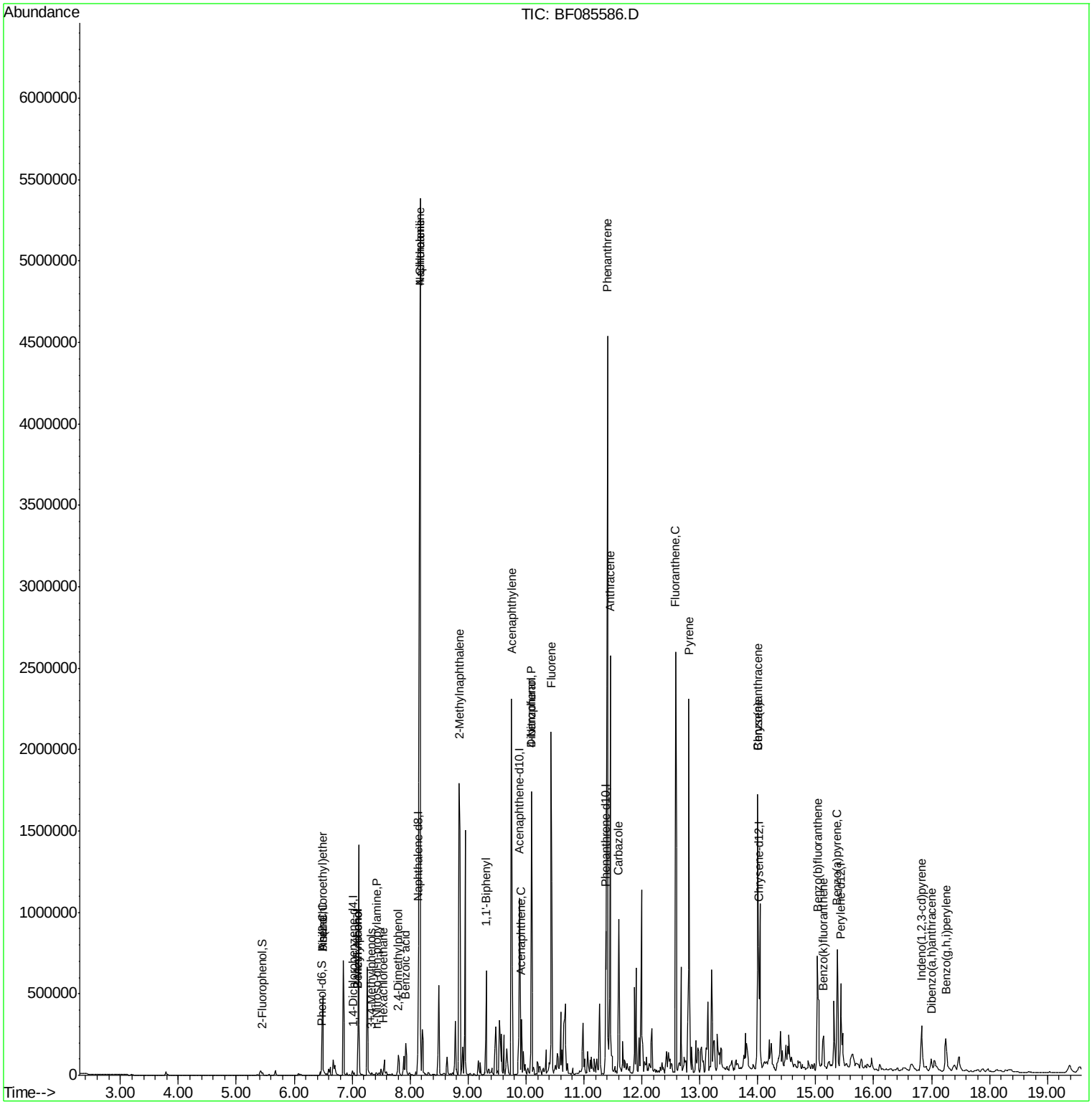
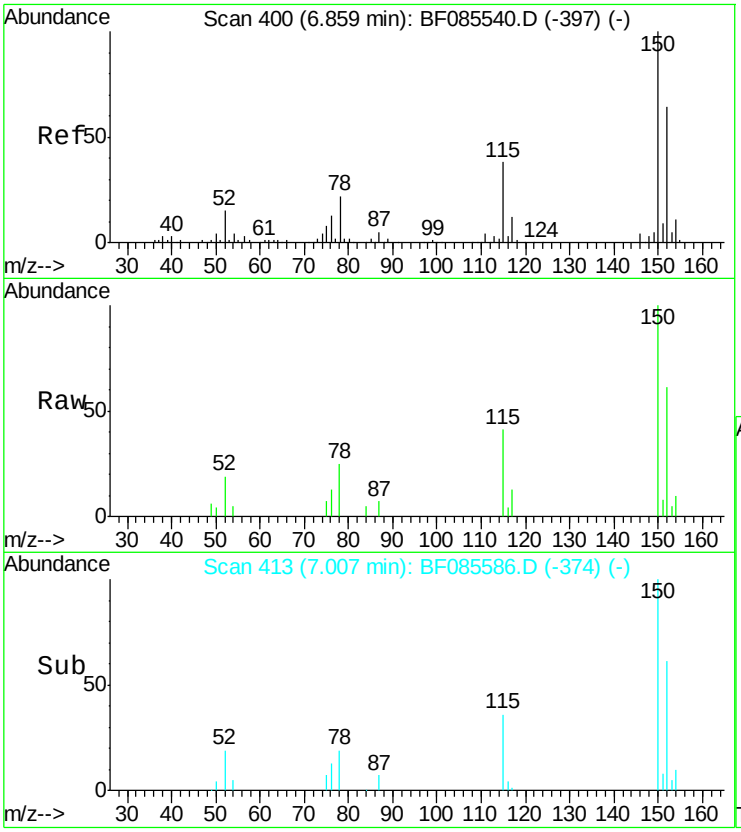
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



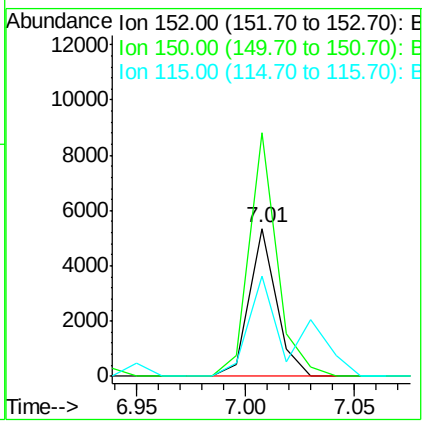


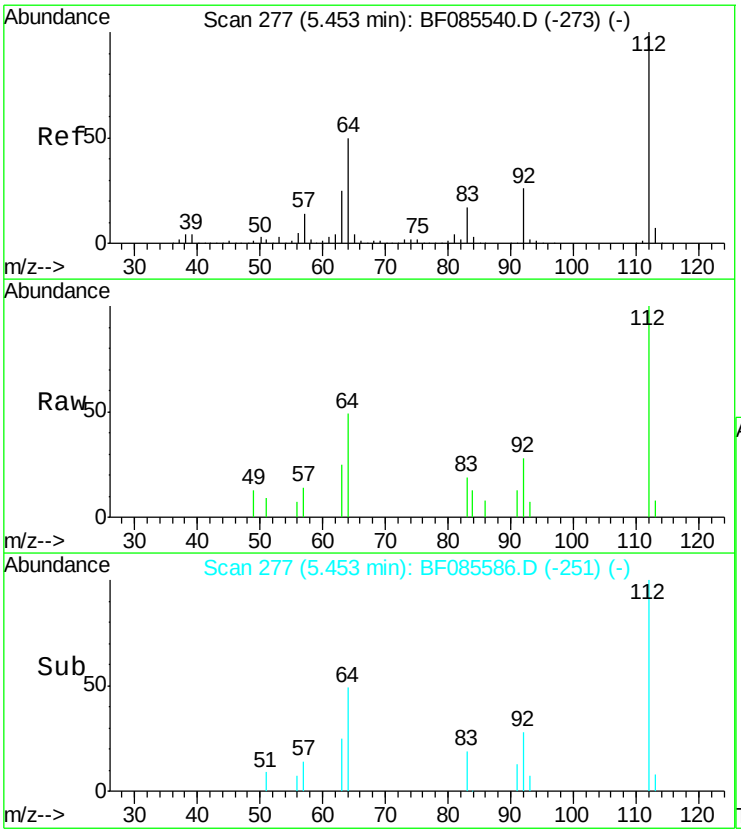
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.15 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:152 Resp: 4645

Ion	Ratio	Lower	Upper
152	100		
150	164.7	124.2	186.2
115	68.2	47.0	70.6

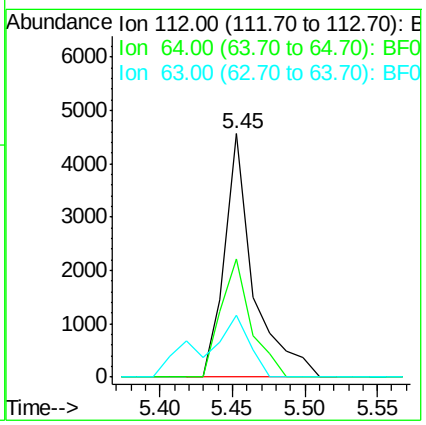


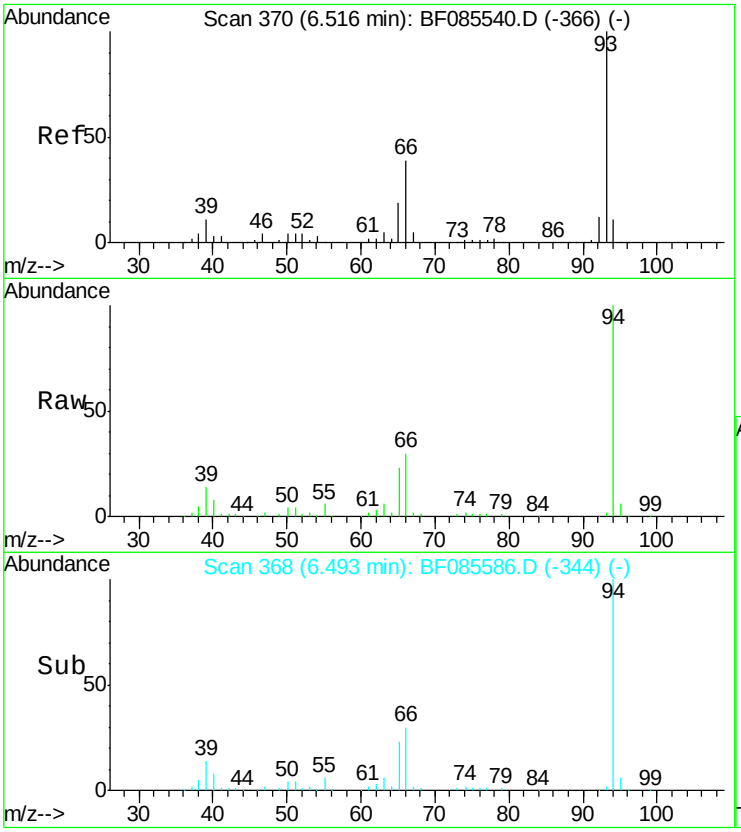


#5
2-Fluorophenol
Concen: 22.76 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:112 Resp: 6294

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.9	59.9
63	25.5	20.2	30.2



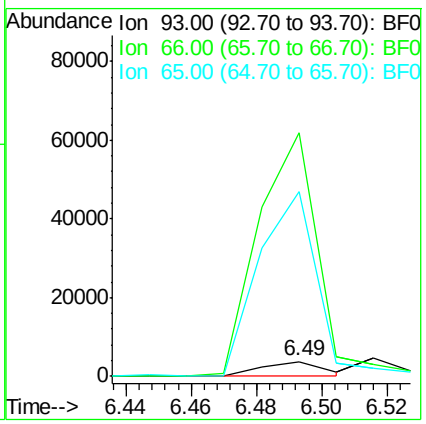


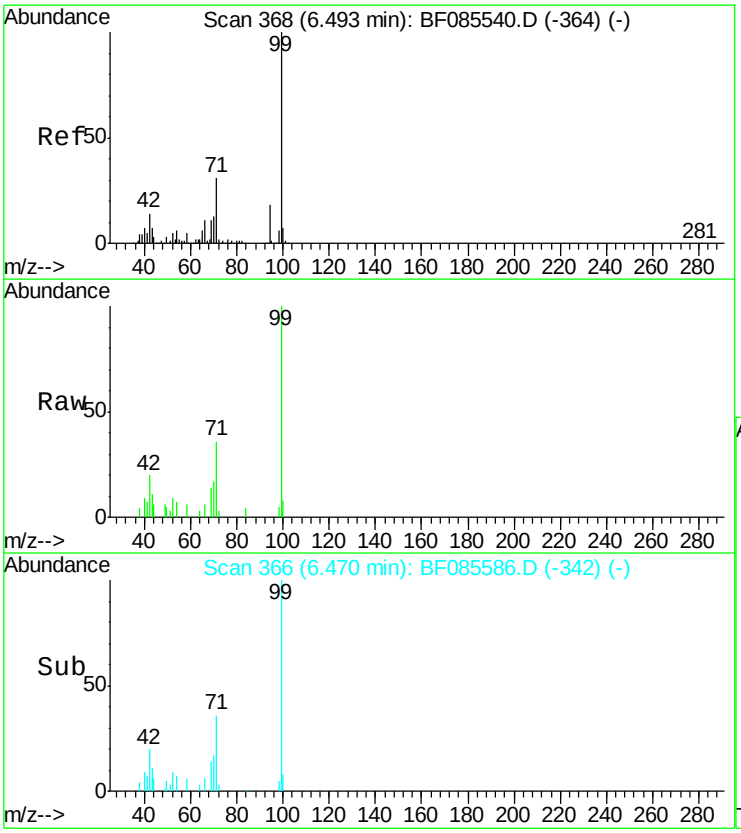
#6
Aniline
Concen: 10.37 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.02 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion: 93 Resp: 4938

Ion	Ratio	Lower	Upper
93	100		
66	1610.0	31.4	47.2#
65	1219.6	15.7	23.5#

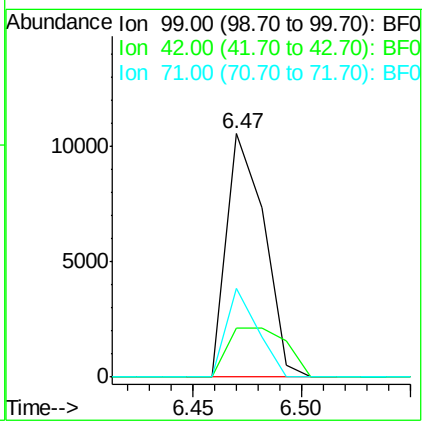


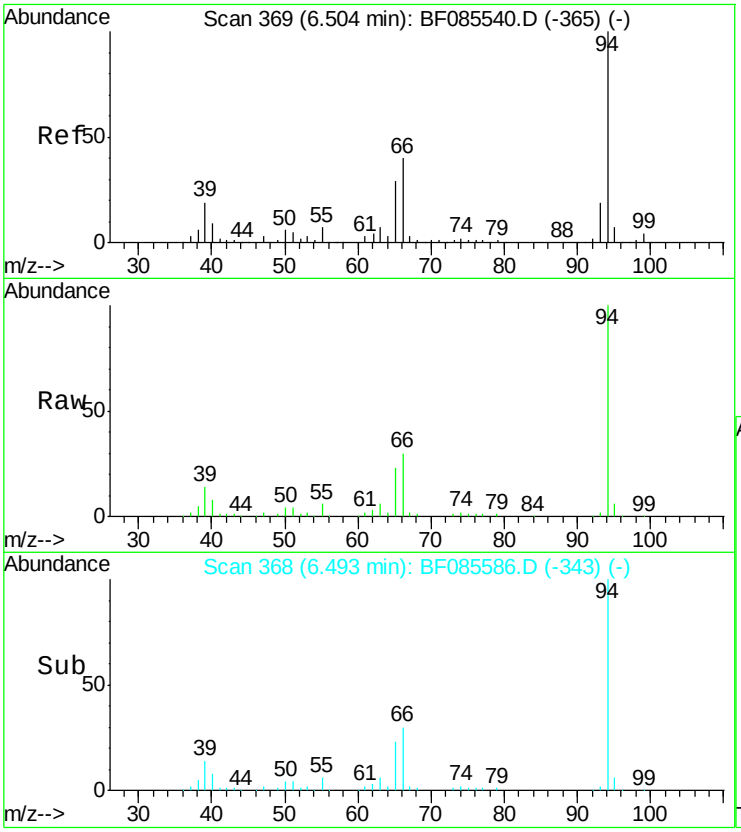


#7
Phenol-d6
Concen: 35.61 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion: 99 Resp: 12629

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.1	16.7#
71	36.2	24.9	37.3



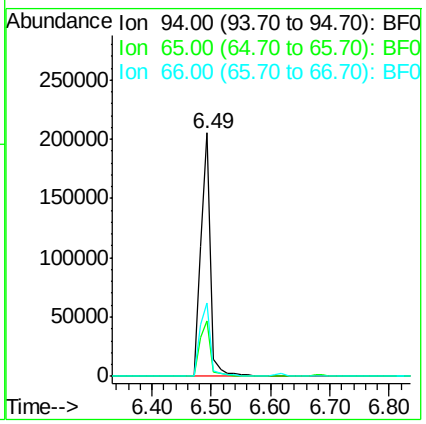


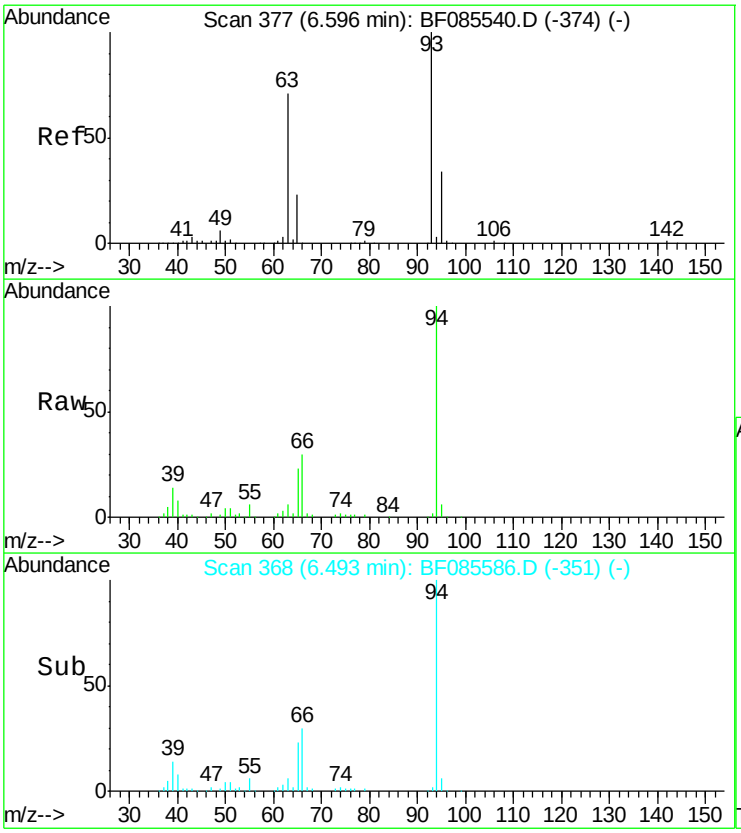
#10
Phenol
Concen: 588.85 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion: 94 Resp: 237882

Ion	Ratio	Lower	Upper
94	100		
65	22.8	8.6	48.6
66	30.1	20.0	60.0

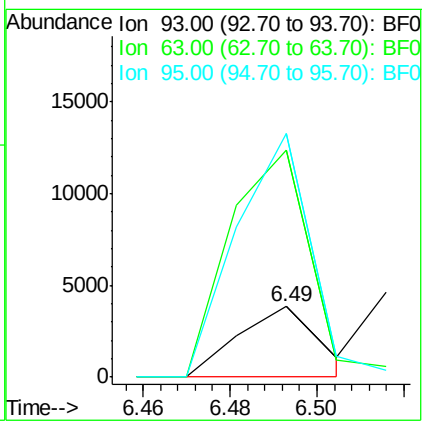


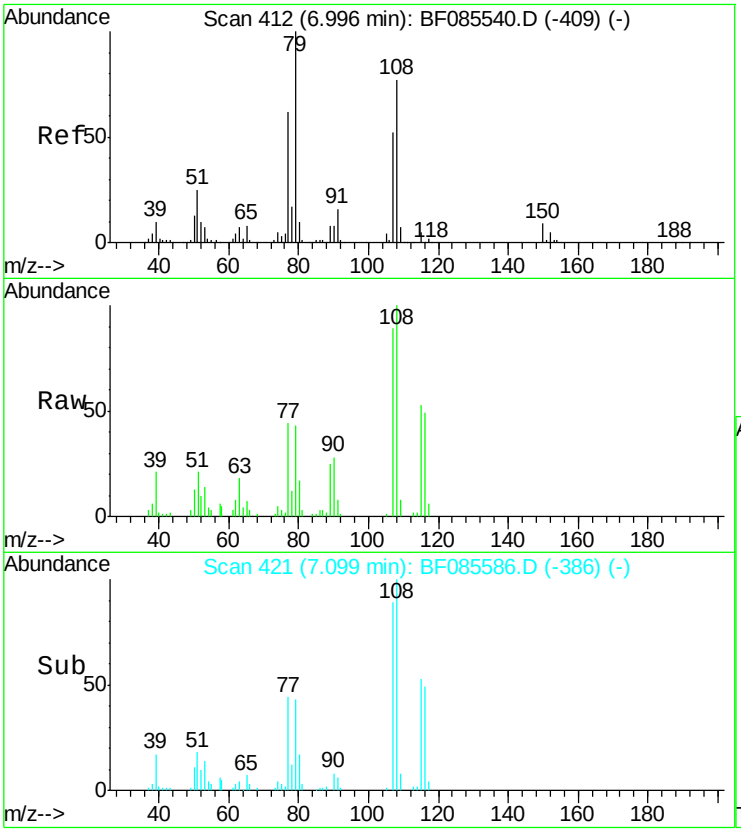


#11
bis(2-Chloroethyl)ether
Concen: 16.21 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.10 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion: 93 Resp: 4937

Ion	Ratio	Lower	Upper
93	100		
63	322.3	50.9	90.9#
95	345.3	13.3	53.3#



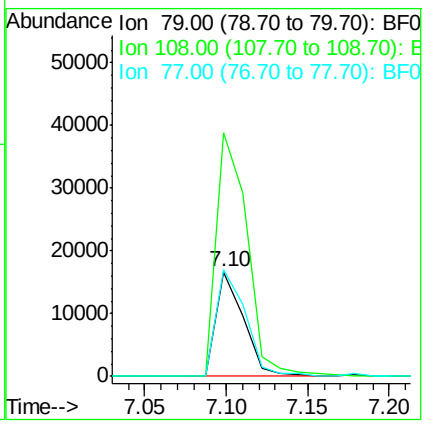


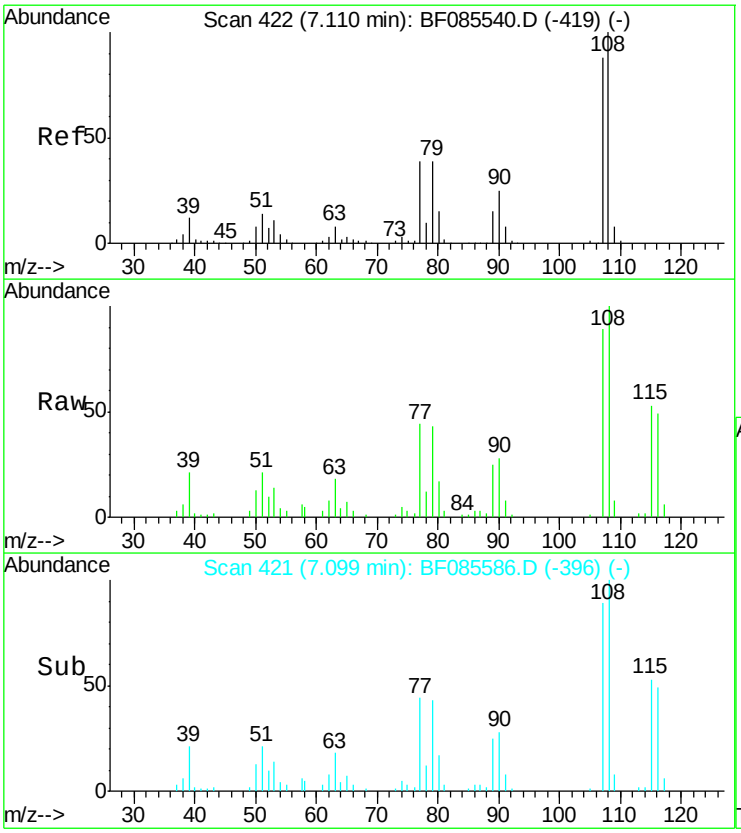
#15
Benzyl Alcohol
Concen: 79.83 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.10 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion: 79 Resp: 19395

Ion	Ratio	Lower	Upper
79	100		
108	233.5	61.8	92.6#
77	102.7	49.6	74.4#

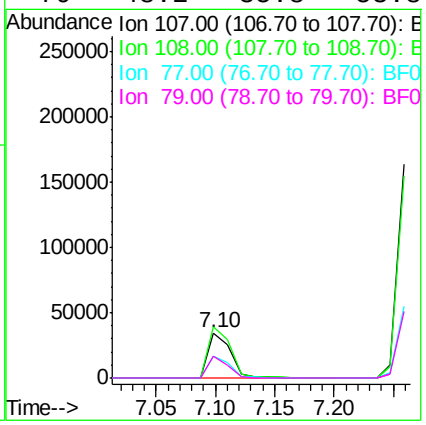


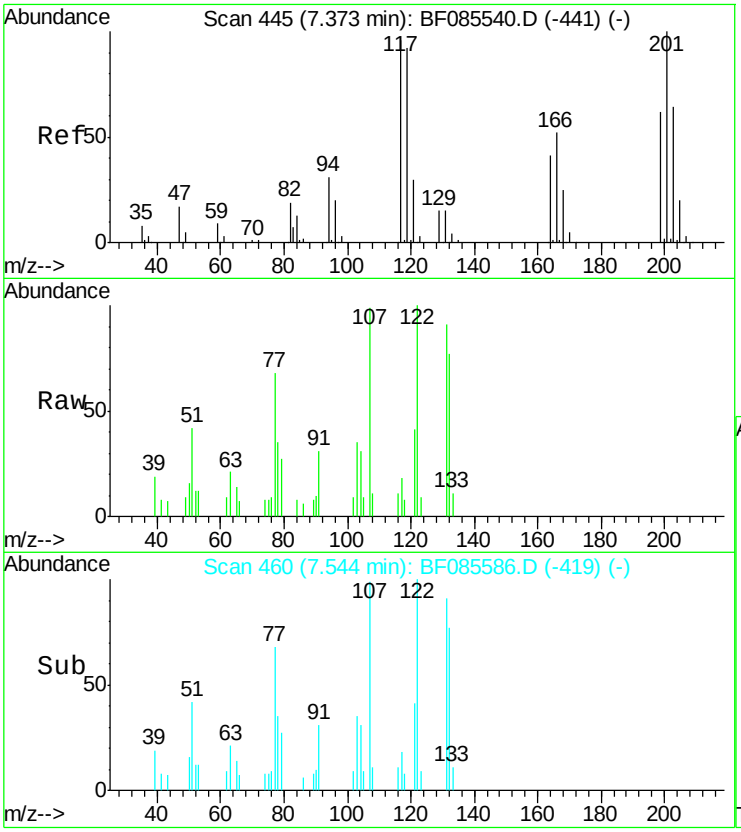


#17
2-Methylphenol
Concen: 169.49 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:107 Resp: 44948

Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.0
77	49.5	36.2	54.2
79	48.2	35.8	53.8



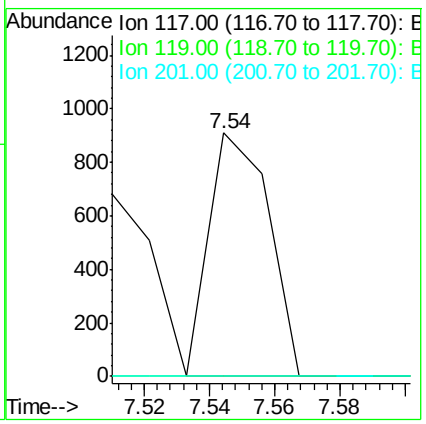


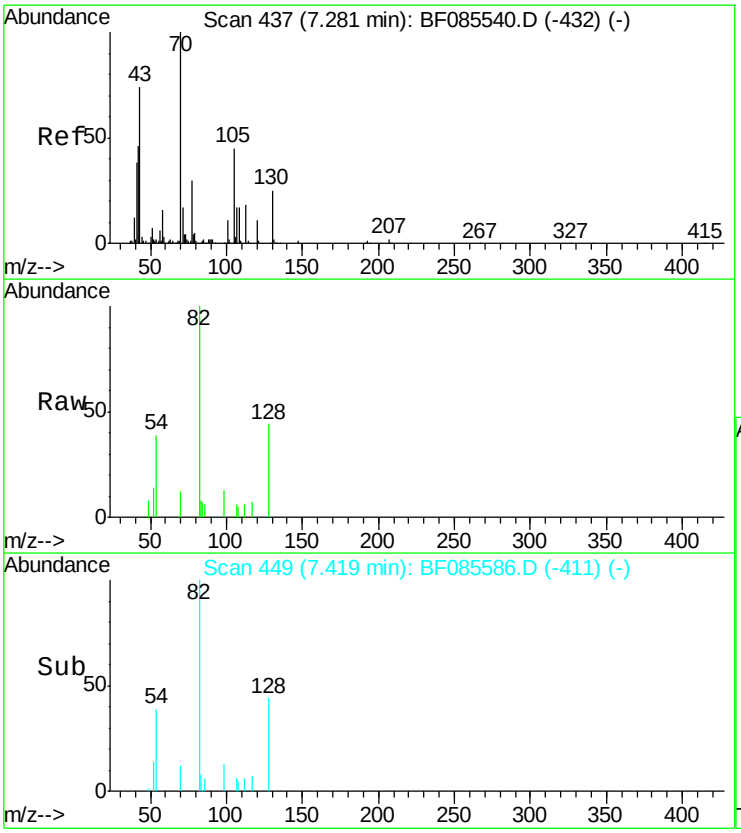
#18
Hexachloroethane
Concen: 8.89 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.17 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:117 Resp: 1142

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.7	115.1#
201	0.0	83.3	124.9#

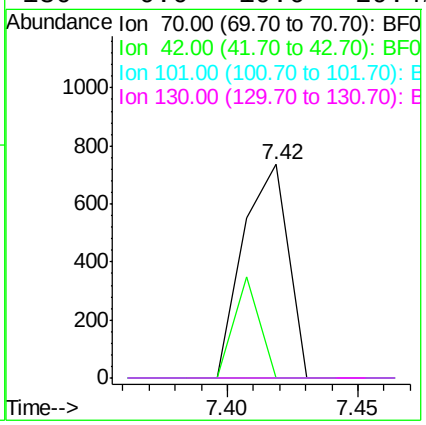


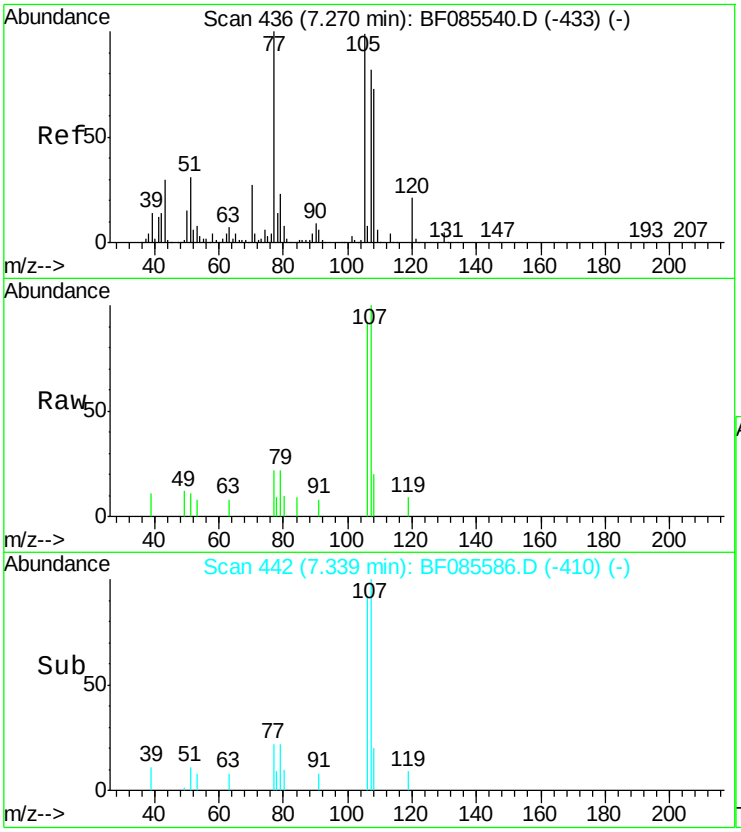


#19
n-Nitroso-di-n-propylamine
Concen: 4.16 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion: 70 Resp: 882

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



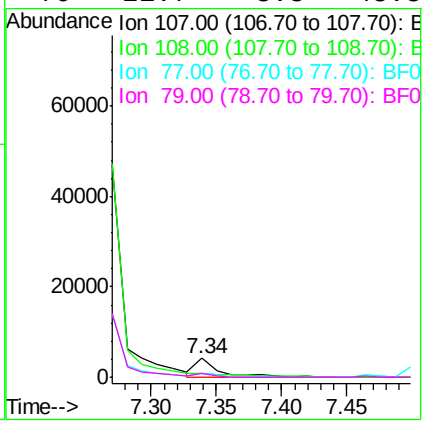


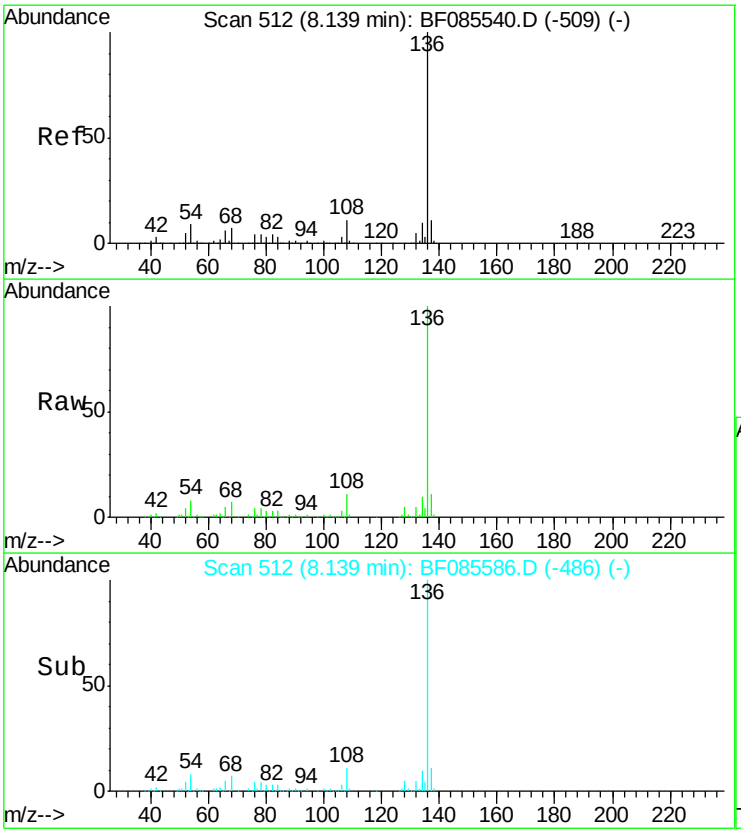
#20
3+4-Methylphenols
Concen: 17.68 ng
RT: 7.34 min Scan# 442
Delta R.T. 0.07 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:107 Resp: 5429

Ion	Ratio	Lower	Upper
107	100		
108	19.9	69.3	109.3#
77	22.5	101.7	141.7#
79	21.7	8.3	48.3

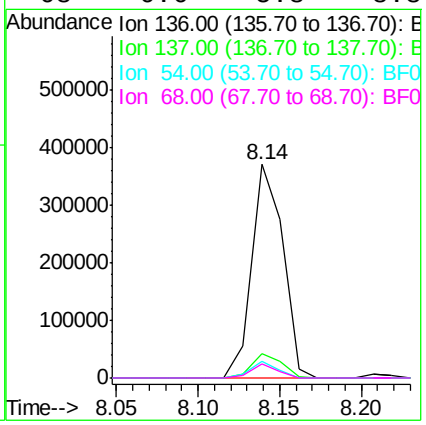


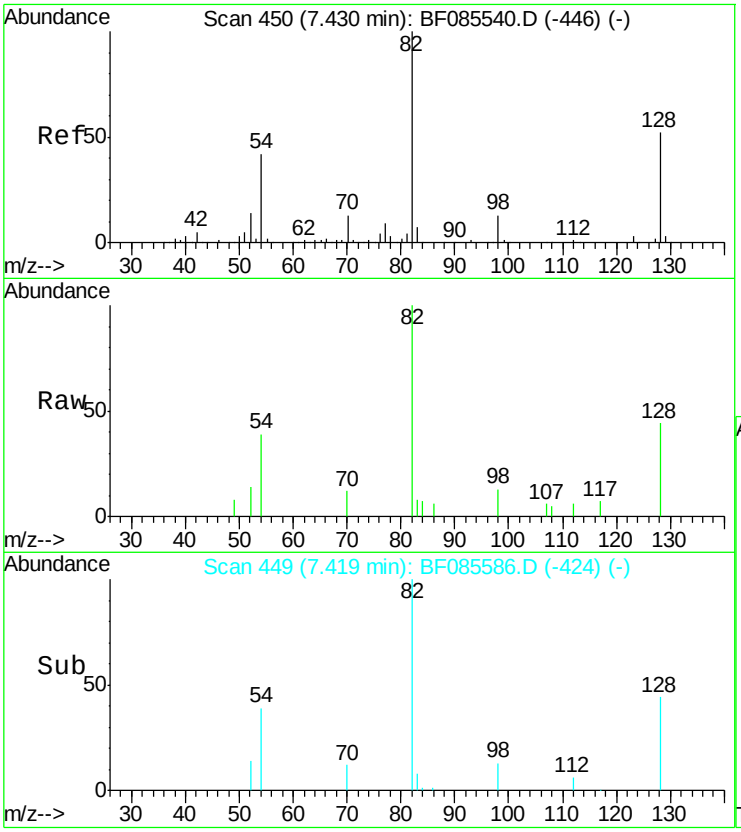


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:136 Resp: 493924

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.7	7.4	11.0
68	6.6	5.8	8.8



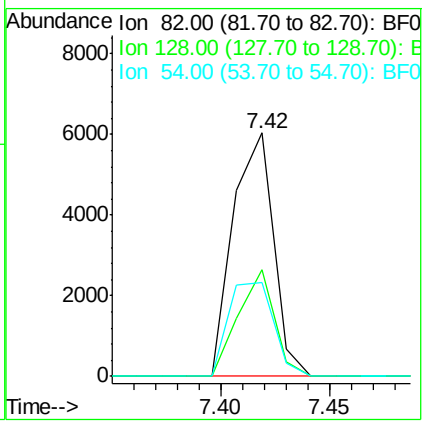


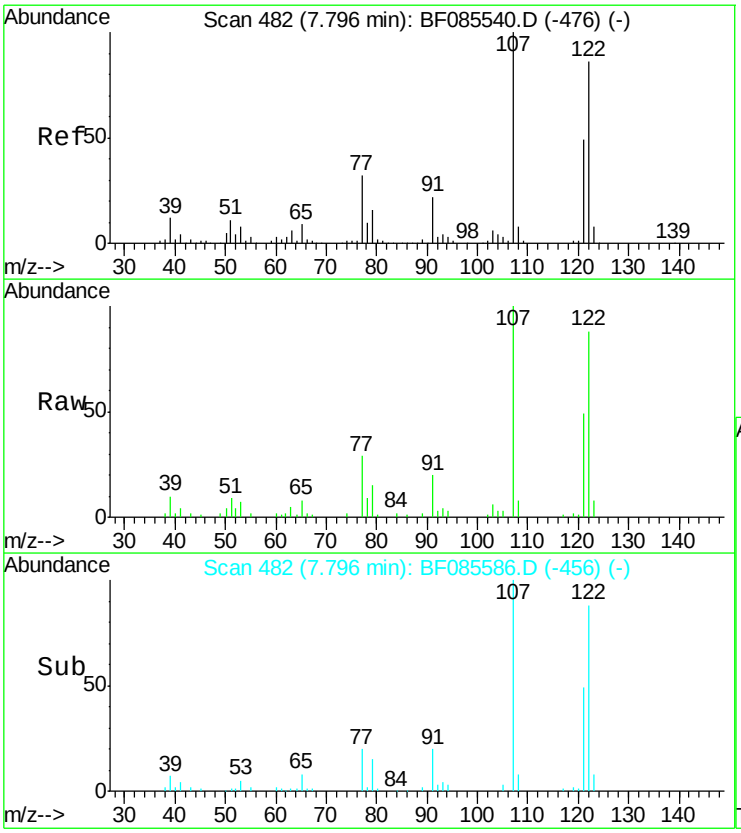
#23
Nitrobenzene-d5
Concen: 0.91 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion: 82 Resp: 7773

Ion	Ratio	Lower	Upper
82	100		
128	43.7	41.8	62.8
54	38.7	33.4	50.0

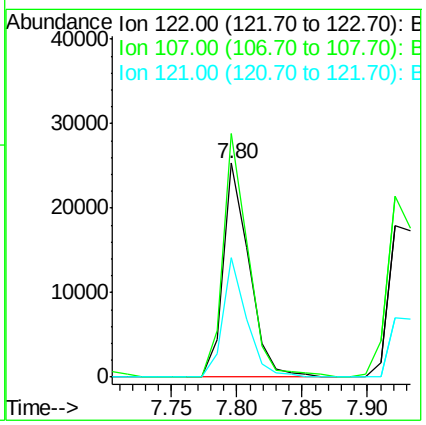


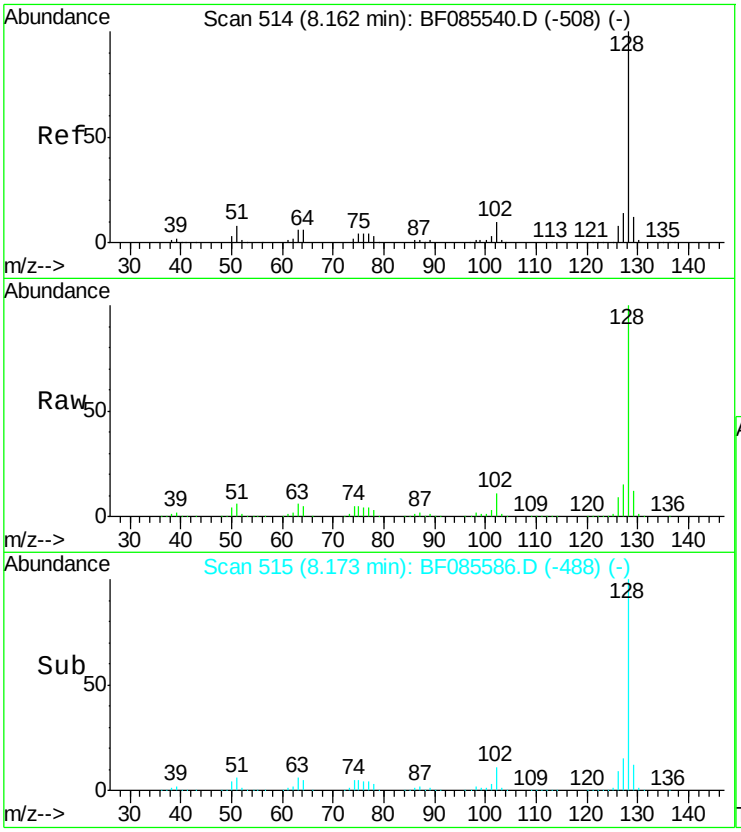


#27
2,4-Dimethylphenol
Concen: 4.28 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:122 Resp: 34819

Ion	Ratio	Lower	Upper
122	100		
107	113.9	93.0	139.6
121	55.8	45.9	68.9



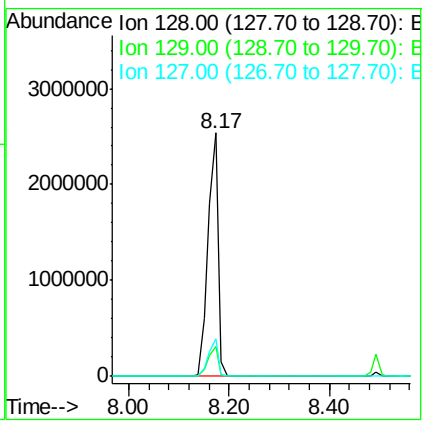


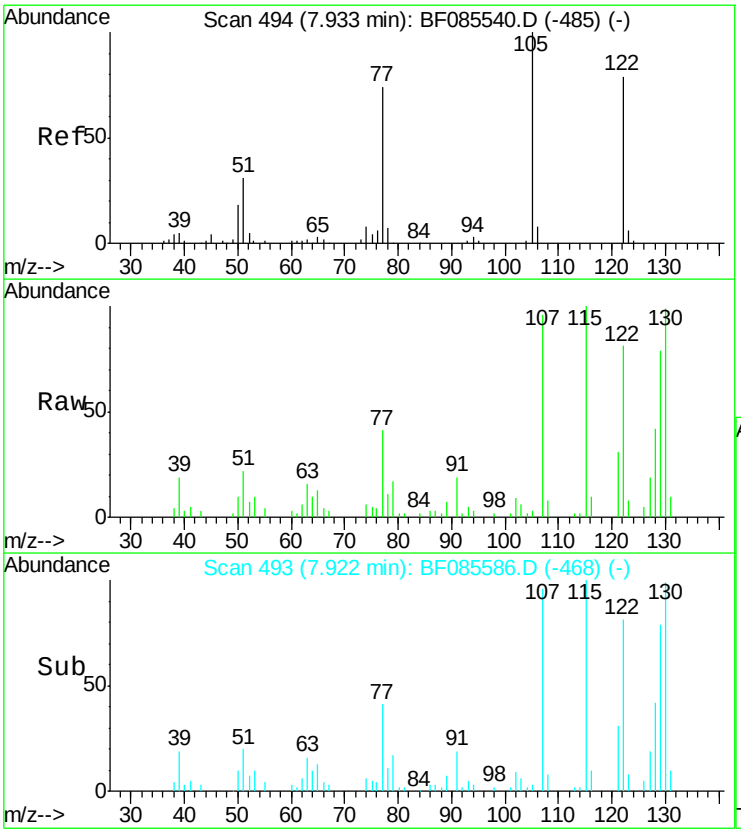
#31
Naphthalene
Concen: 141.74 ng
RT: 8.17 min Scan# 515
Delta R.T. 0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:128 Resp: 3533730

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	15.2	11.0	16.6

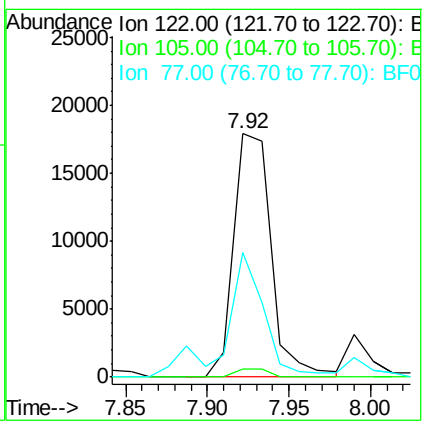


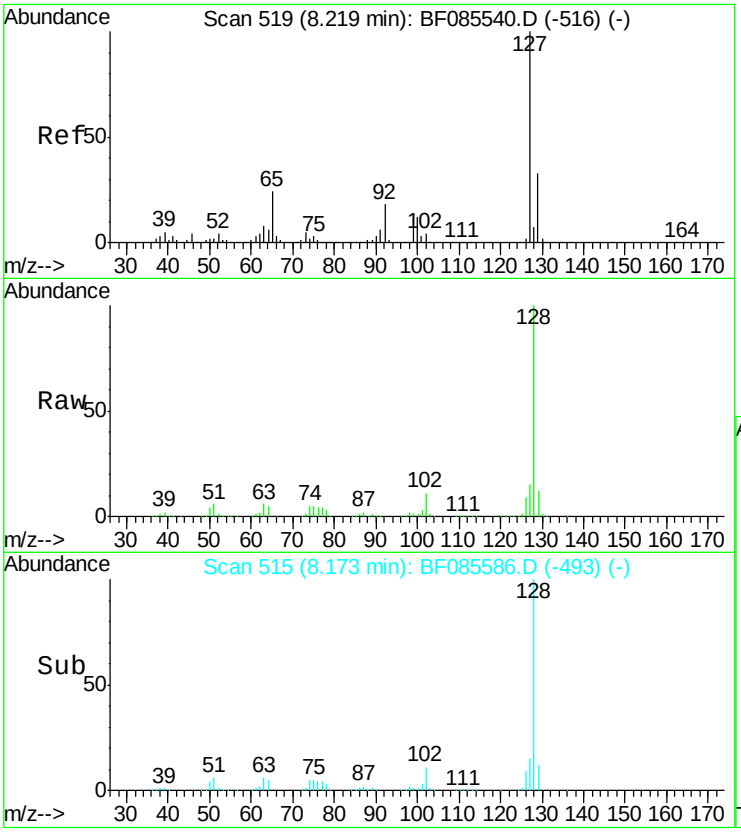


#32
Benzoic acid
Concen: 4.17 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:122 Resp: 28410

Ion	Ratio	Lower	Upper
122	100		
105	3.4	102.9	142.9#
77	51.0	71.8	111.8#



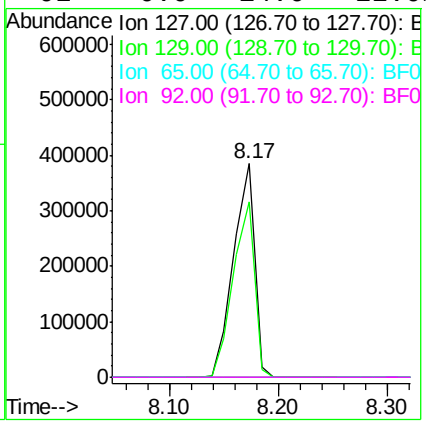


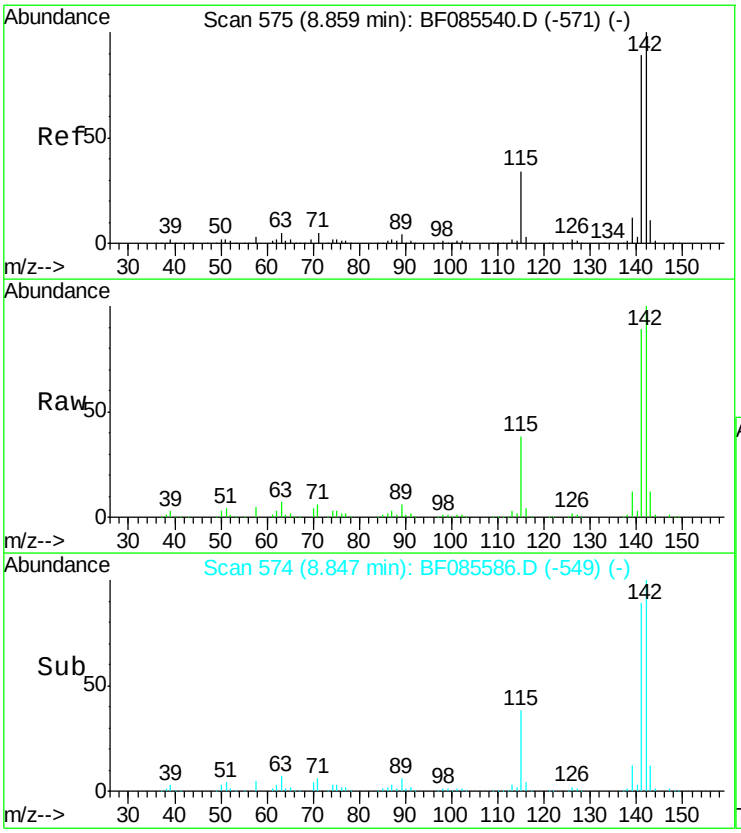
#33
4-Chloroaniline
Concen: 50.32 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:127 Resp: 514153

Ion	Ratio	Lower	Upper
127	100		
129	82.2	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#

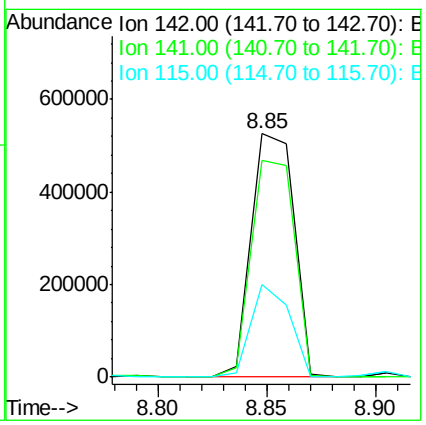


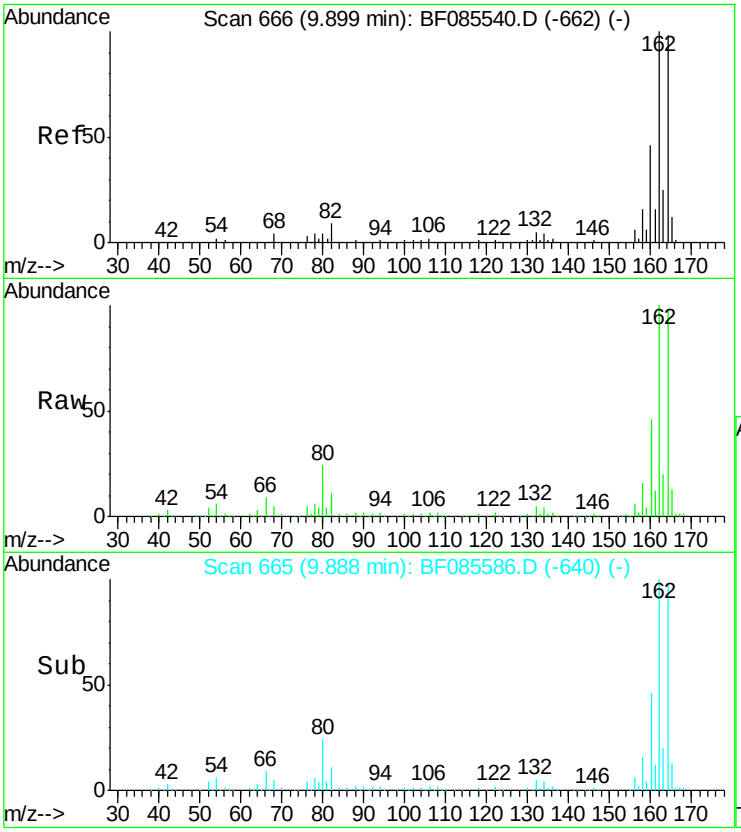


#37
2-Methylnaphthalene
Concen: 47.80 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:142 Resp: 726470

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	37.9	26.8	40.2



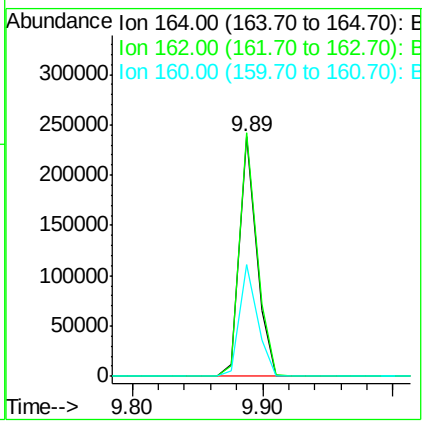


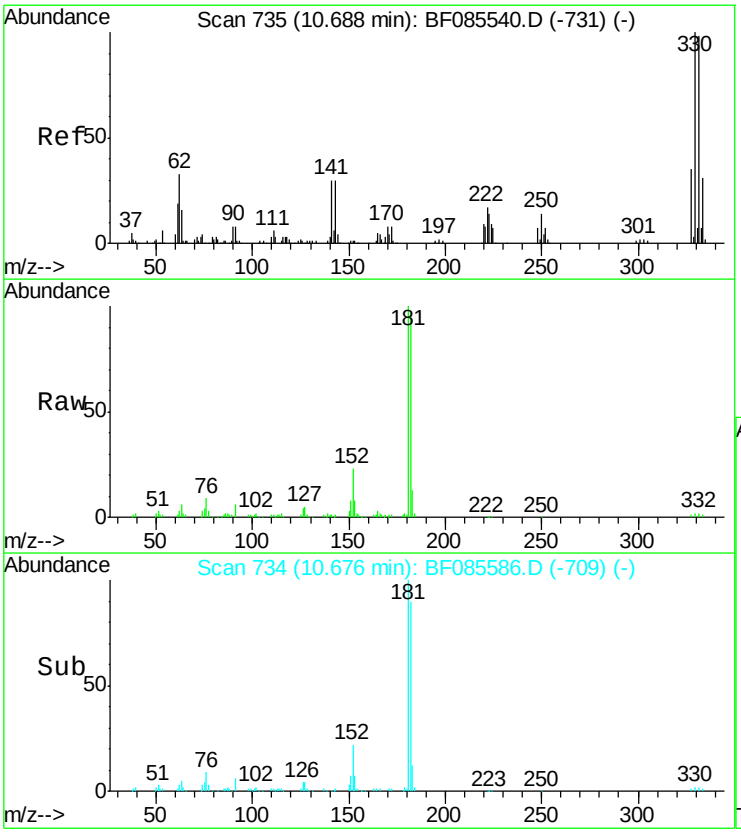
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:164 Resp: 217736

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	46.6	37.4	56.2

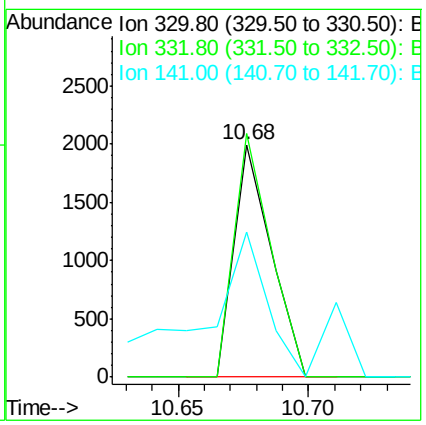


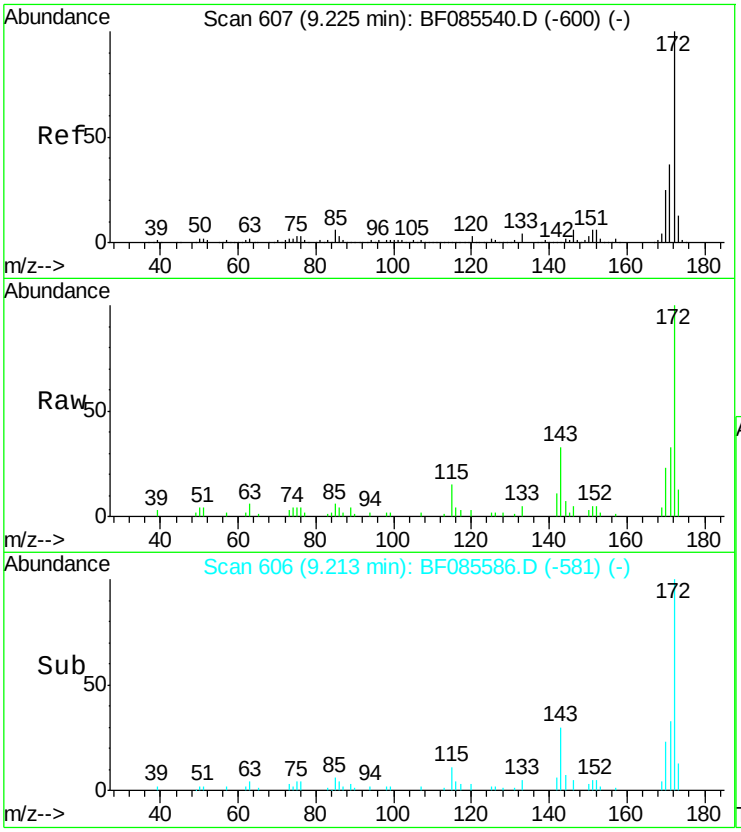


#41
2,4,6-Tribromophenol
Concen: 0.93 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:330 Resp: 1994

Ion	Ratio	Lower	Upper
330	100		
332	103.4	78.2	117.2
141	109.4	31.5	47.3#



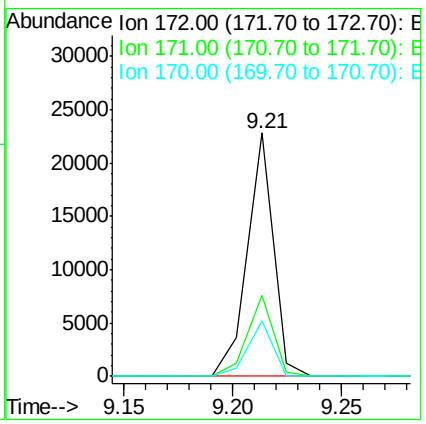


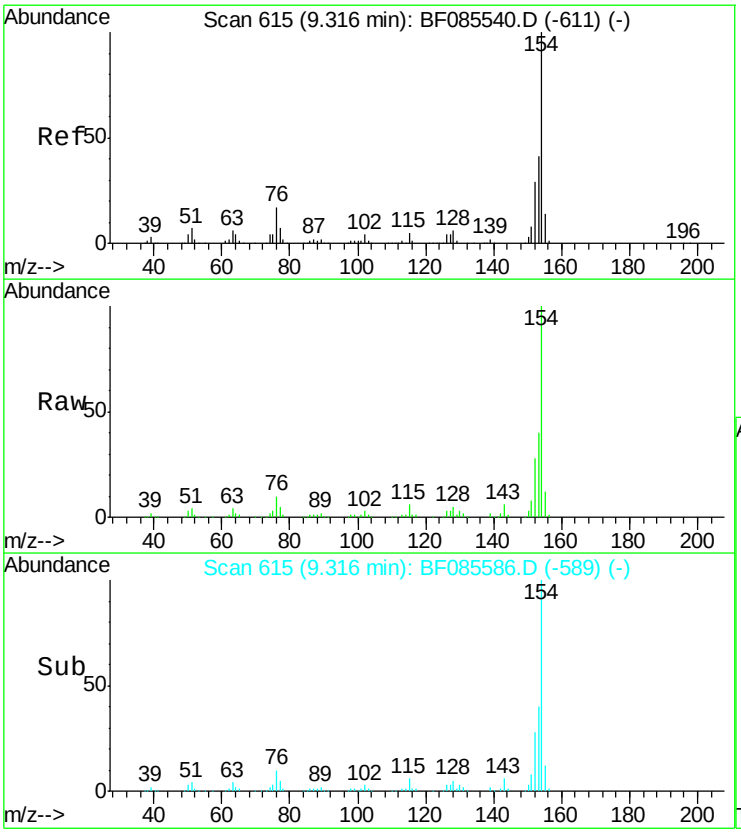
#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:172 Resp: 19035

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.4	44.2
170	22.9	19.8	29.6

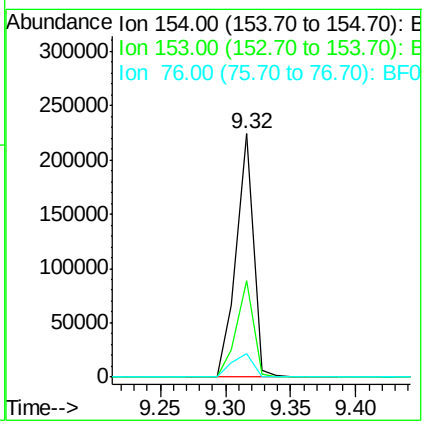


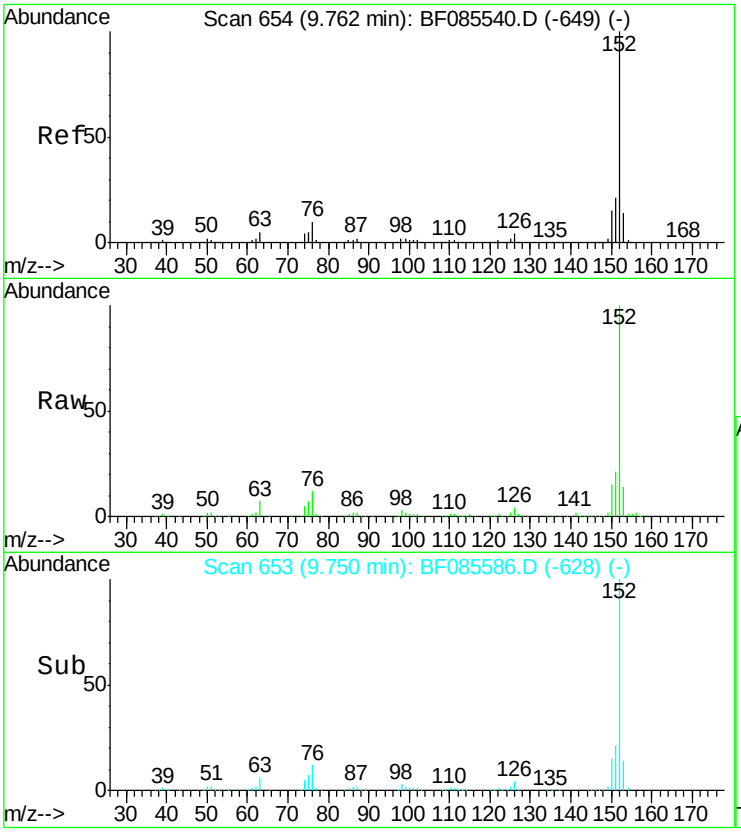


#45
1,1'-Biphenyl
Concen: 10.94 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:154 Resp: 205525

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	9.7	0.0	36.7



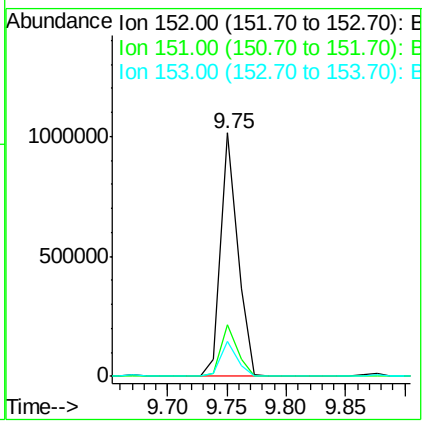


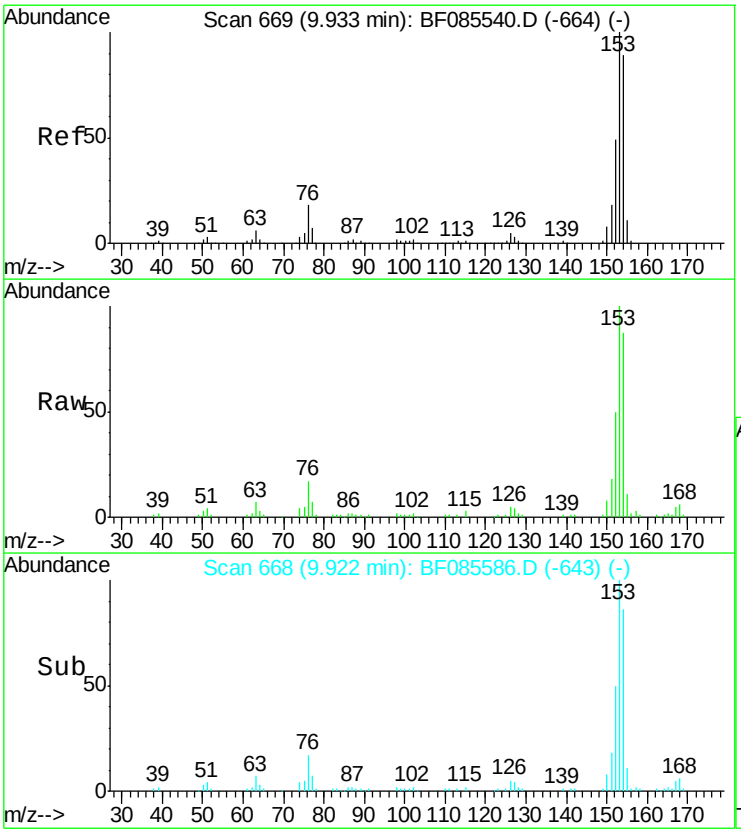
#48
Acenaphthylene
Concen: 45.43 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:152 Resp: 1008809

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.5	10.9	16.3

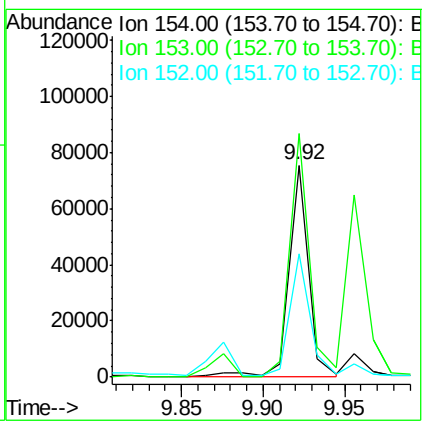


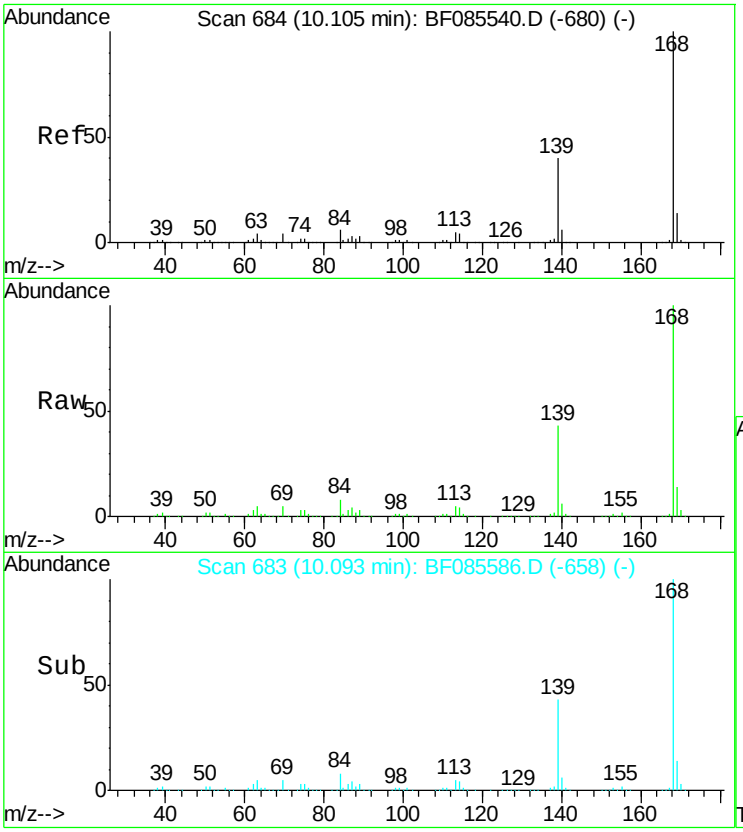


#51
Acenaphthene
Concen: 4.51 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:154 Resp: 62804

Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.1	135.1
152	58.0	44.2	66.2



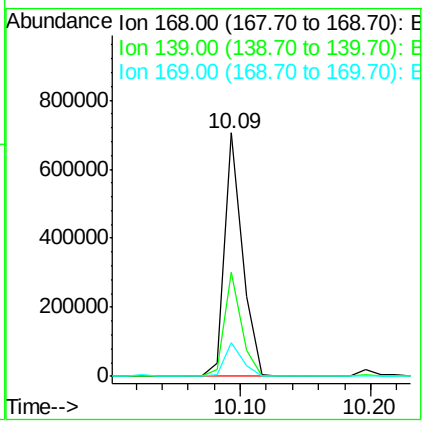


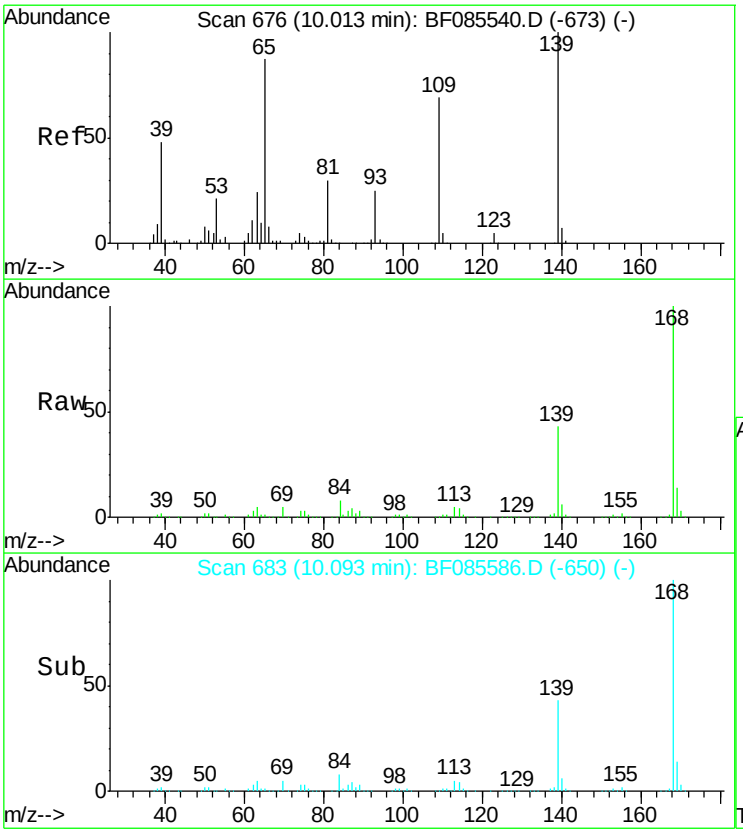
#54
Dibenzofuran
Concen: 39.54 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:168 Resp: 670924

Ion	Ratio	Lower	Upper
168	100		
139	42.9	31.9	47.9
169	14.1	11.0	16.6

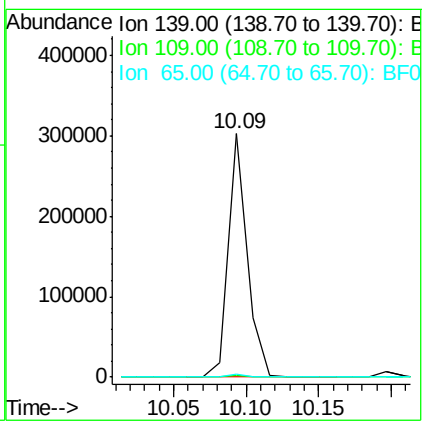


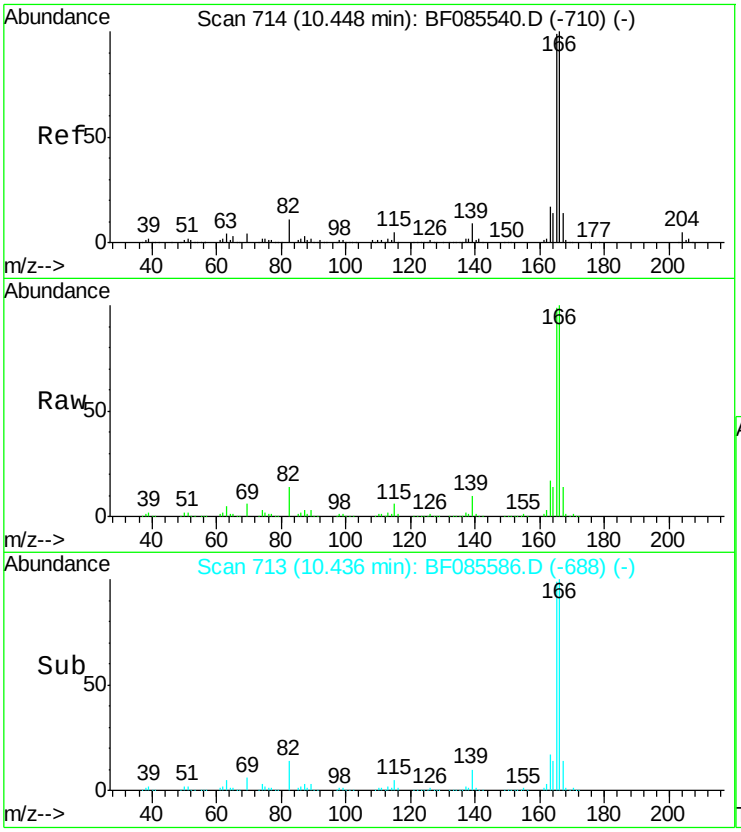


#55
4-Nitrophenol
Concen: 81.63 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.08 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:139 Resp: 274088

Ion	Ratio	Lower	Upper
139	100		
109	0.8	49.2	89.2#
65	1.4	66.9	106.9#



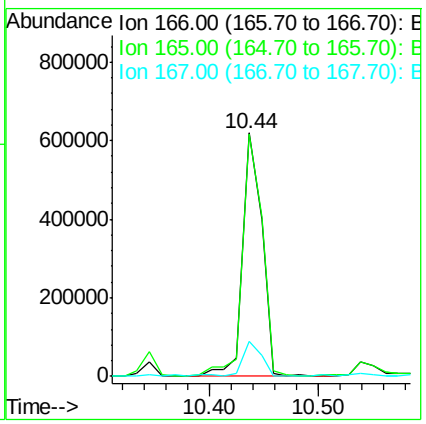


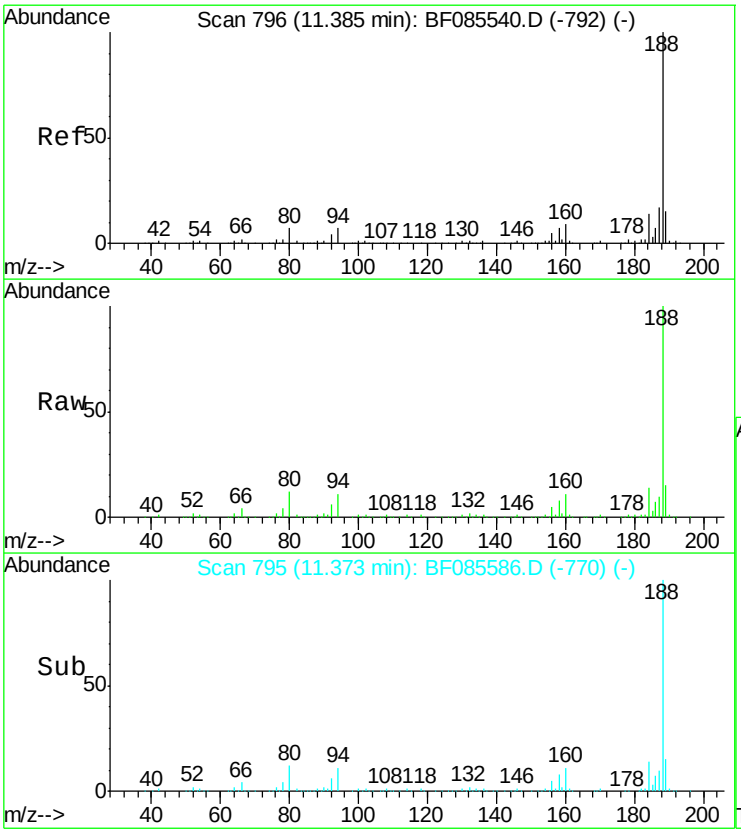
#57
Fluorene
Concen: 54.10 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:166 Resp: 765119

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.4	119.0
167	14.4	11.0	16.4

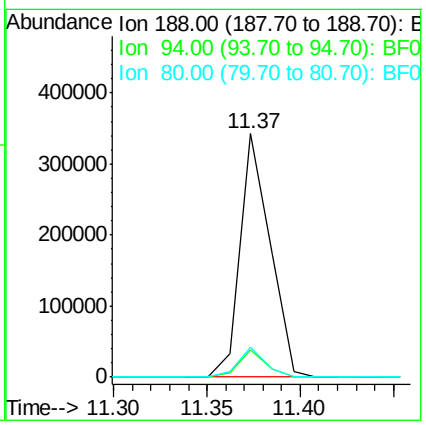


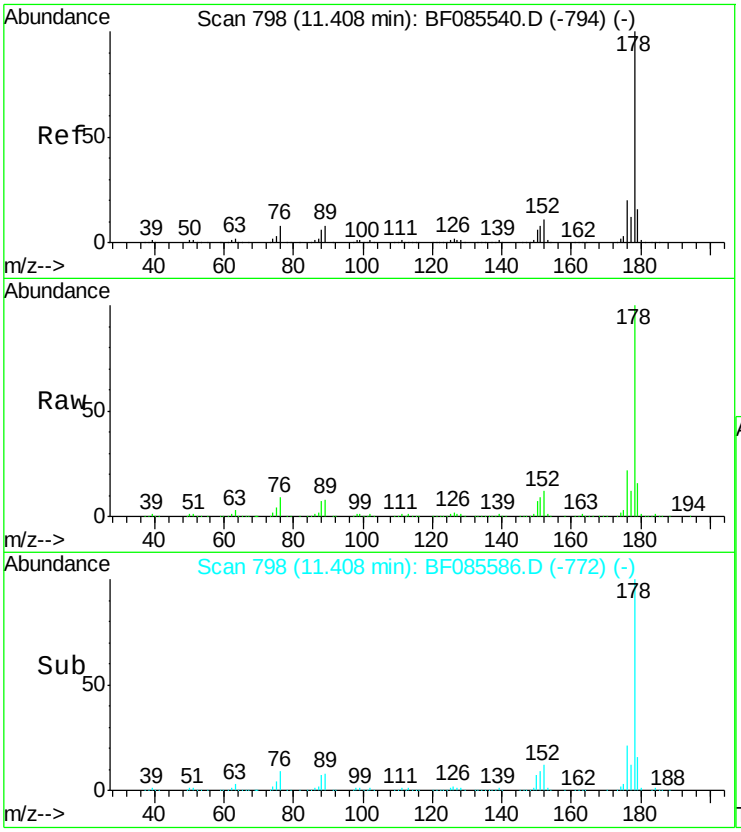


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:188 Resp: 383000

Ion	Ratio	Lower	Upper
188	100		
94	11.4	5.4	8.0#
80	12.1	5.5	8.3#



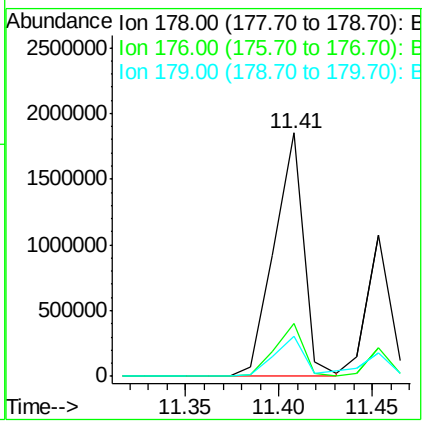


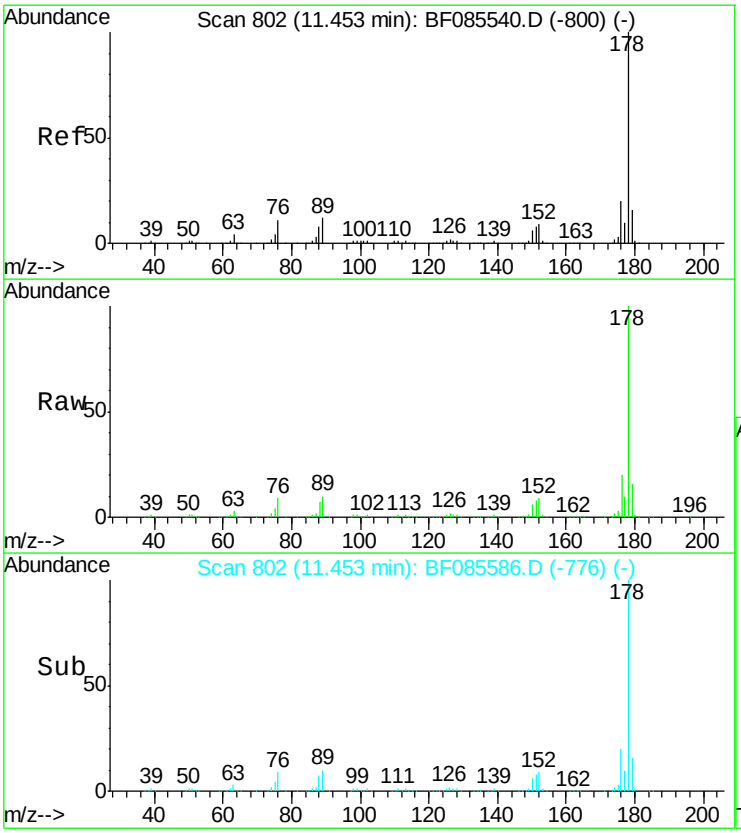
#70
Phenanthrene
Concen: 101.13 ng
RT: 11.41 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:178 Resp: 2042220

Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.3	24.5
179	16.4	12.6	18.8

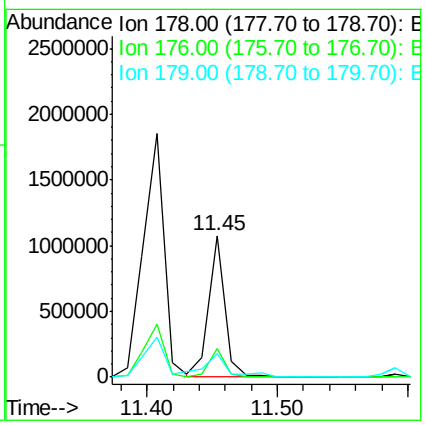


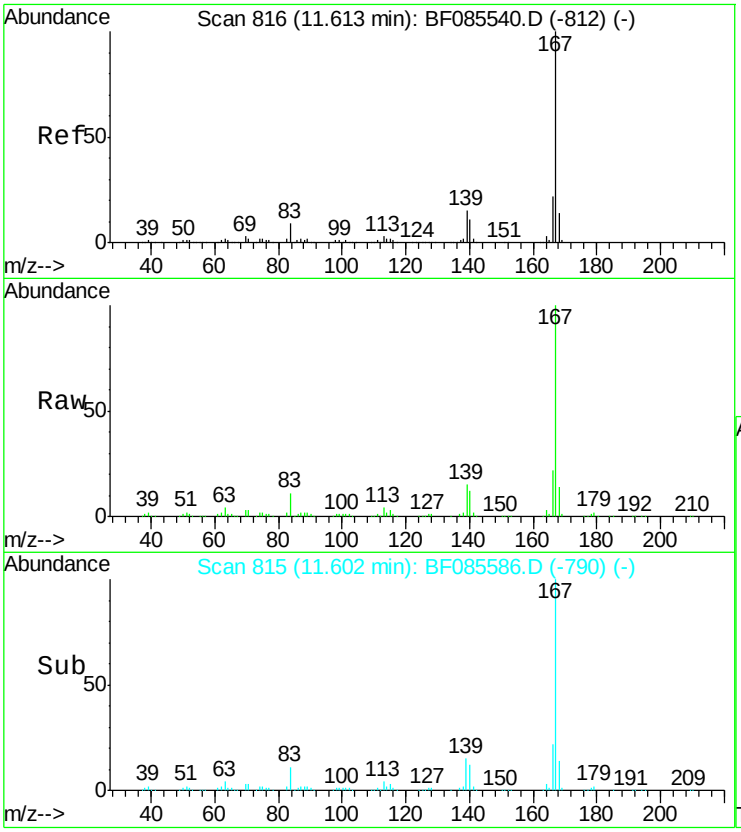


#71
Anthracene
Concen: 44.47 ng
RT: 11.45 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:178 Resp: 941544

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.4	13.0	19.4



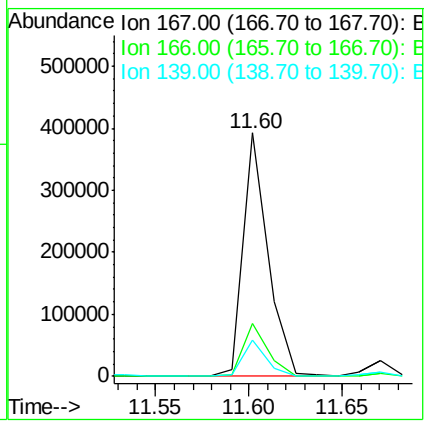


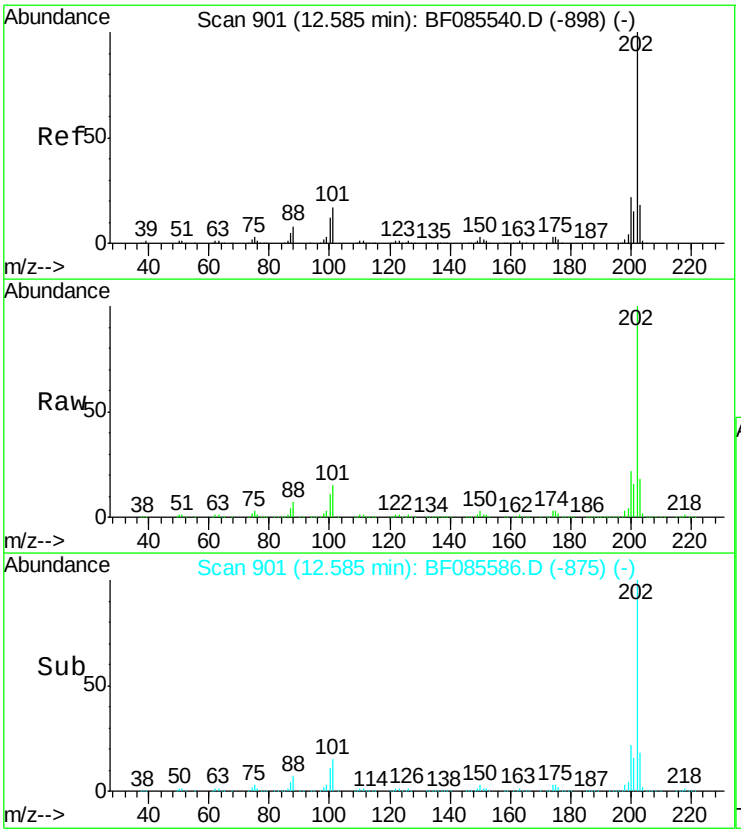
#72
Carbazole
Concen: 20.00 ng
RT: 11.60 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:167 Resp: 365423

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	15.0	11.6	17.4

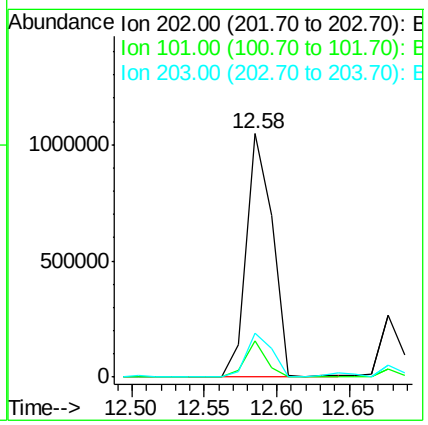


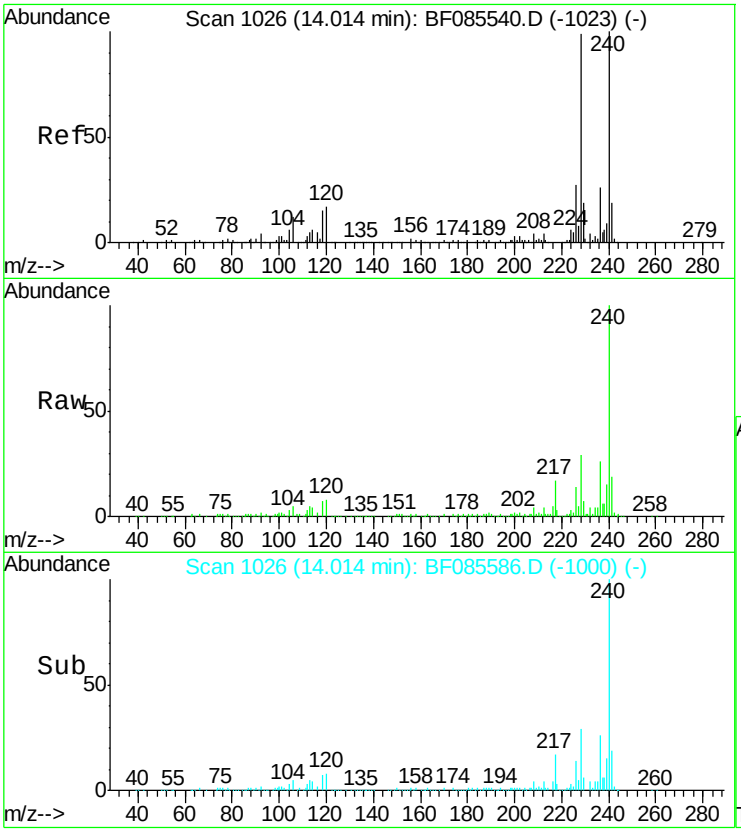


#74
Fluoranthene
Concen: 61.73 ng
RT: 12.58 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:202 Resp: 1305207

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	36.6
203	18.2	0.0	38.1



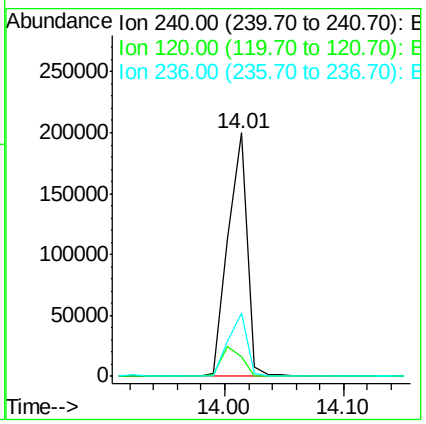


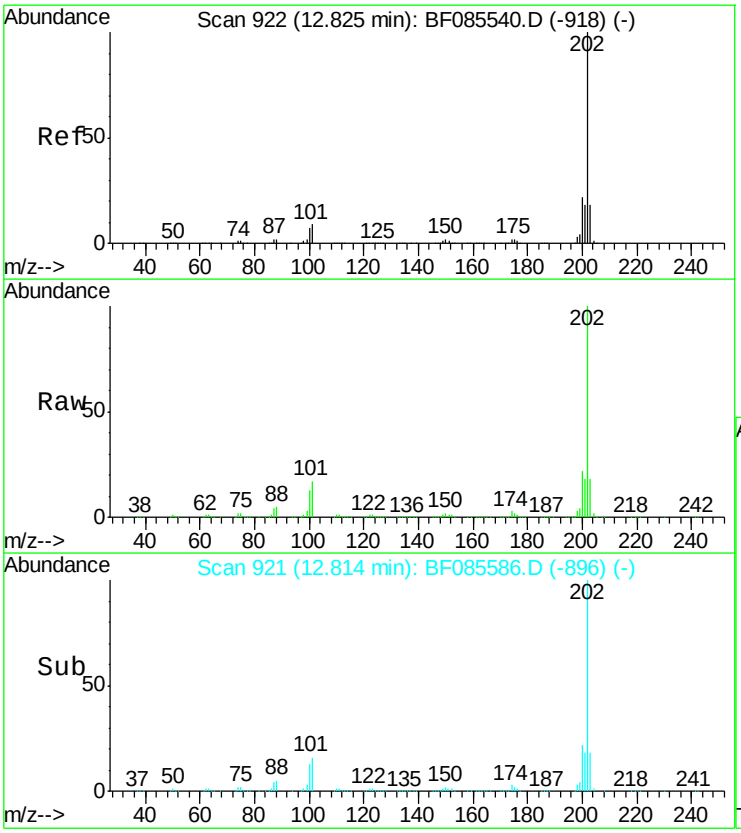
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:240 Resp: 224955

Ion	Ratio	Lower	Upper
240	100		
120	8.1	13.8	20.8#
236	26.0	20.6	30.8

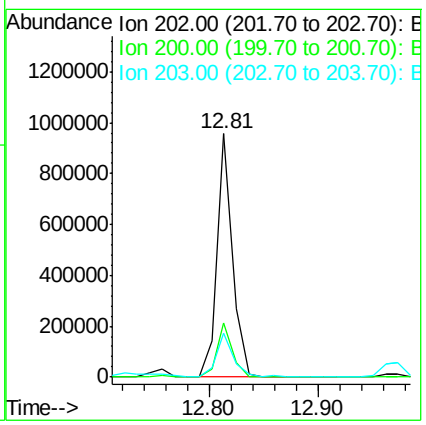


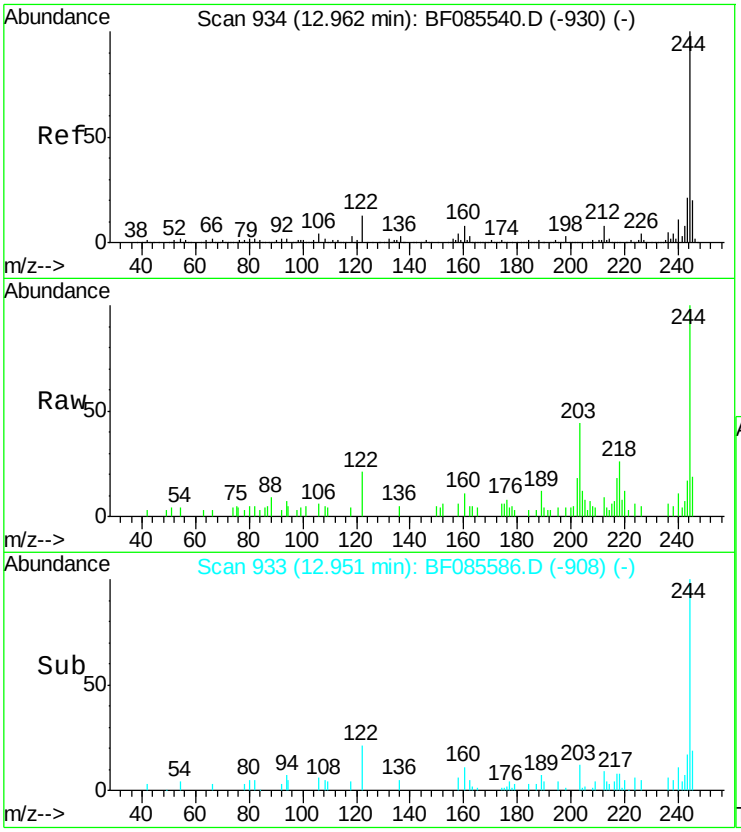


#77
Pyrene
Concen: 58.63 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:202 Resp: 947006

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.2	14.0	21.0



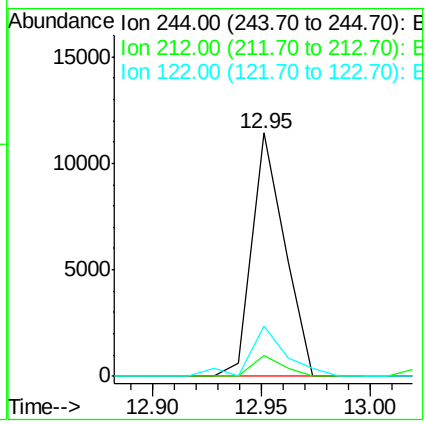


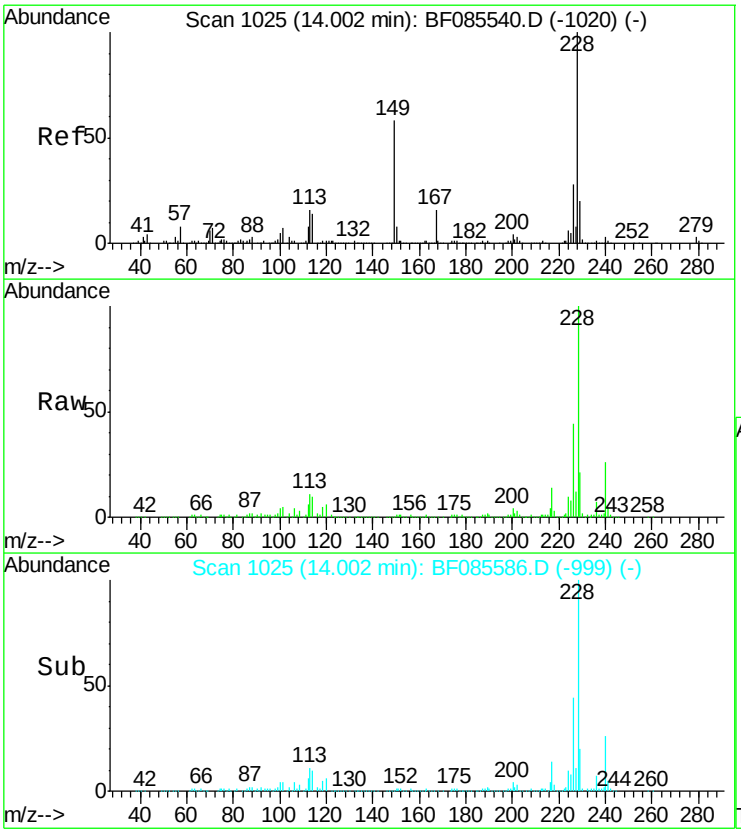
#78
Terphenyl-d14
Concen: 1.28 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:244 Resp: 11949

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.1	9.1
122	20.5	10.2	15.4#

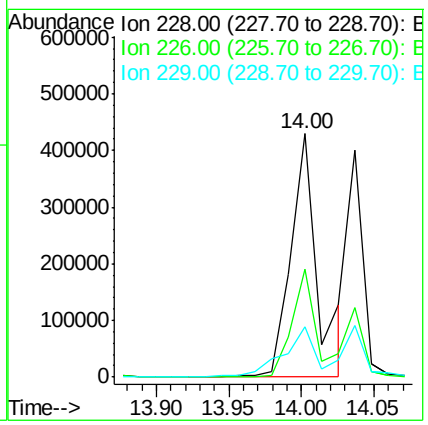


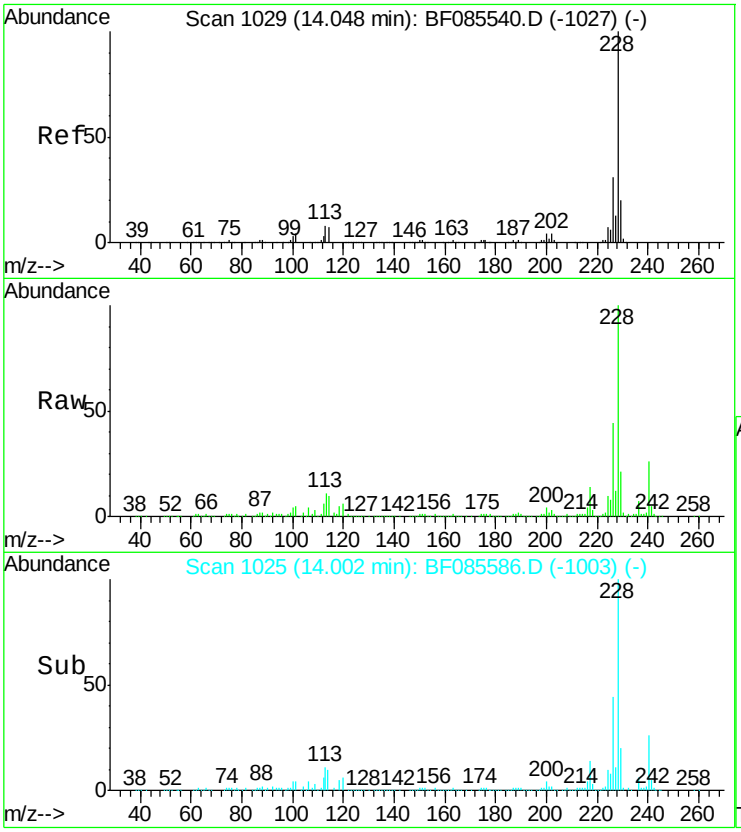


#80
Benzo(a)anthracene
Concen: 42.38 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:228 Resp: 553497

Ion	Ratio	Lower	Upper
228	100		
226	44.3	22.1	33.1#
229	20.9	16.2	24.4



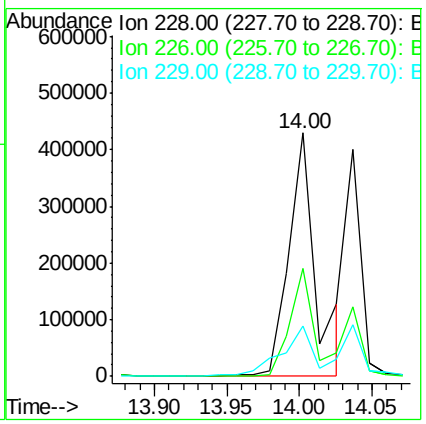


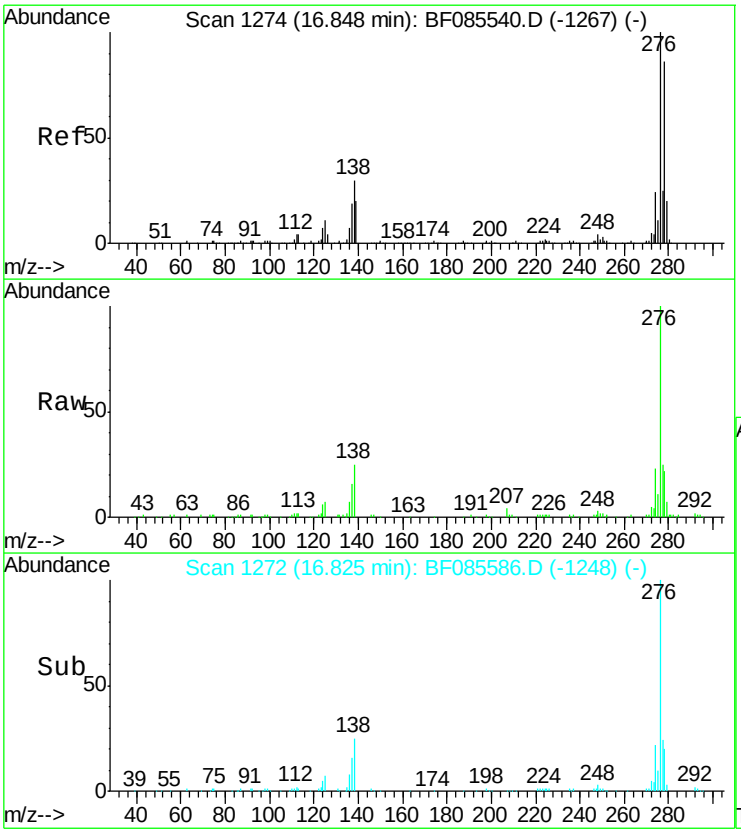
#82
Chrysene
Concen: 44.05 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:228 Resp: 553497

Ion	Ratio	Lower	Upper
228	100		
226	44.3	25.0	37.6#
229	20.9	15.7	23.5

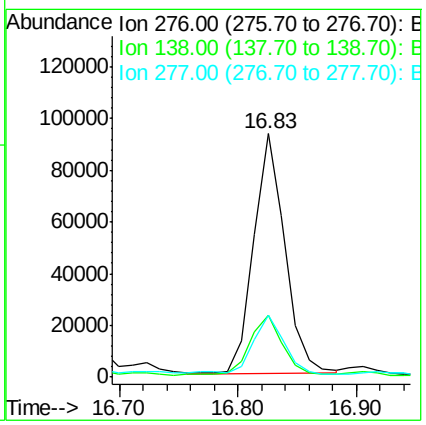


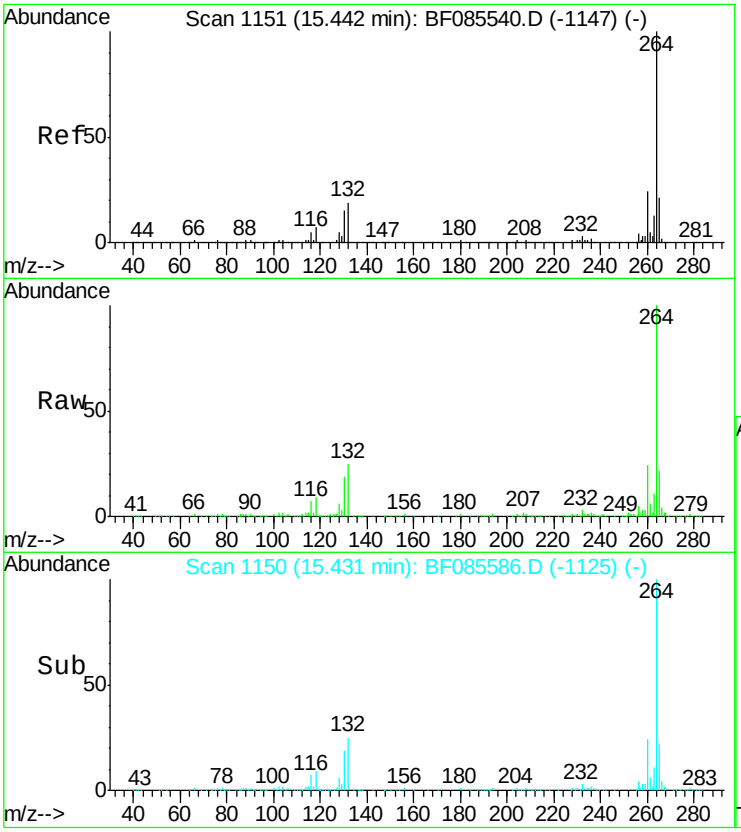


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.25 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:276 Resp: 170651

Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.2	36.4
277	24.7	20.0	30.0



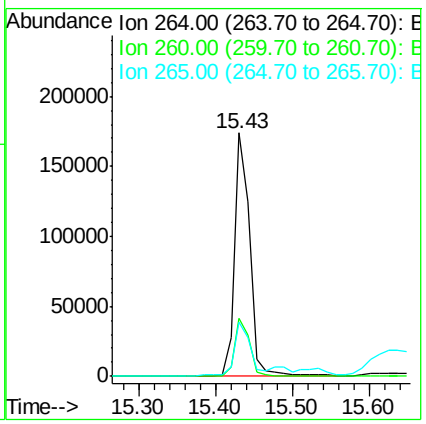


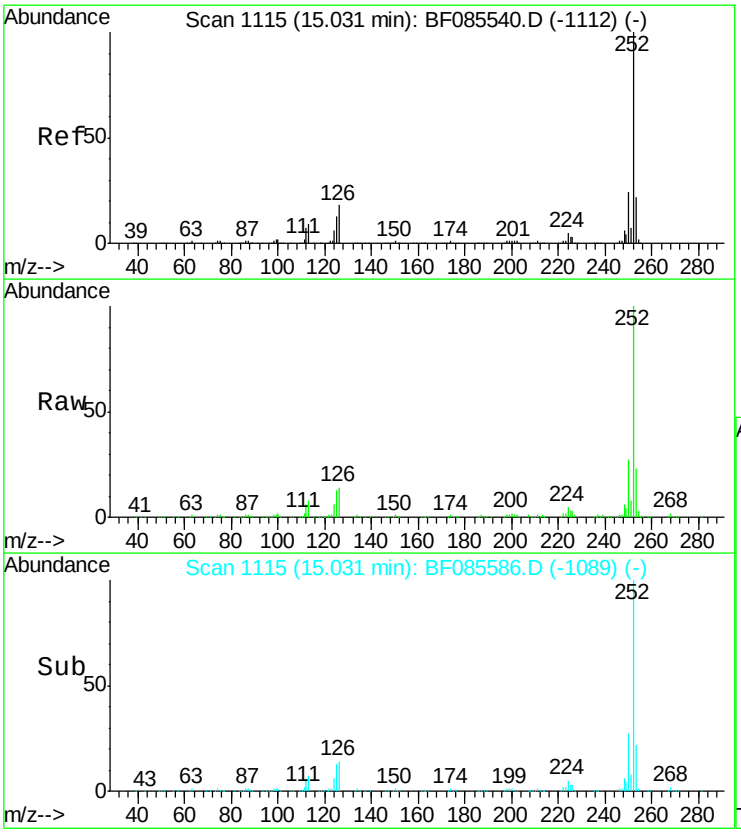
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:264 Resp: 244165

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	17.2	25.8

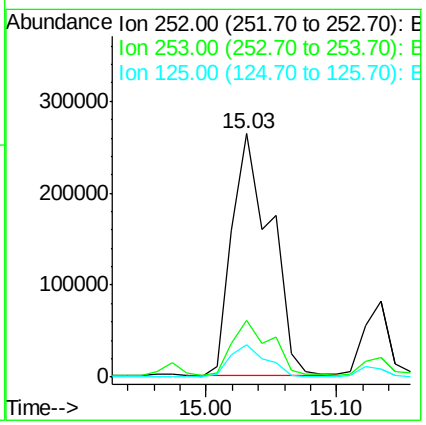


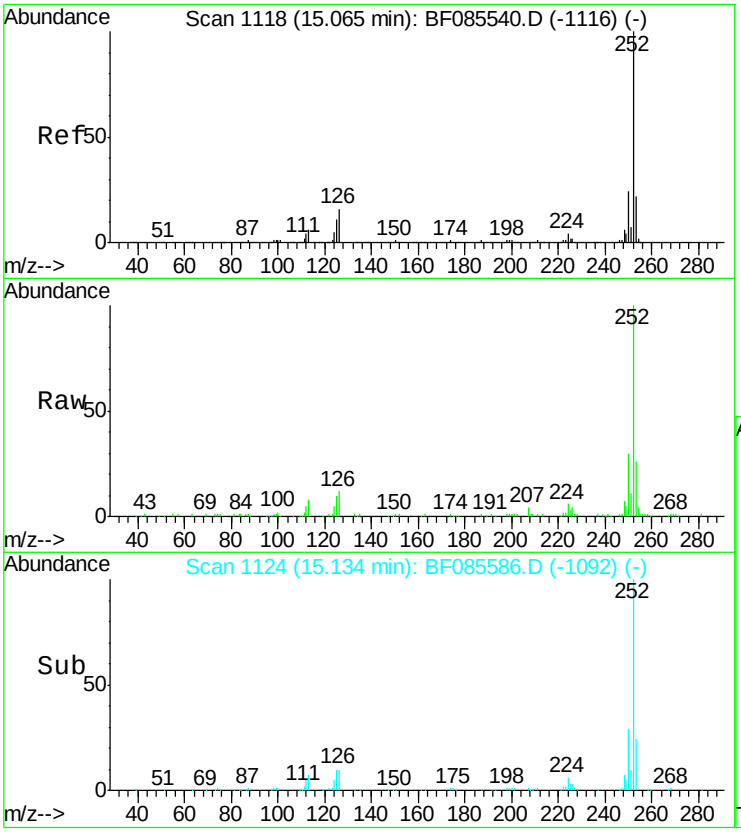


#87
Benzo(b)fluoranthene
Concen: 34.39 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:252 Resp: 547860

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.1	10.3	15.5



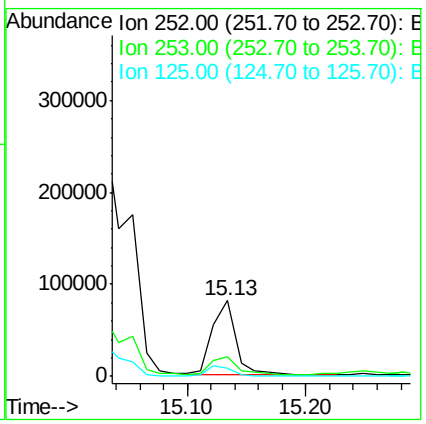


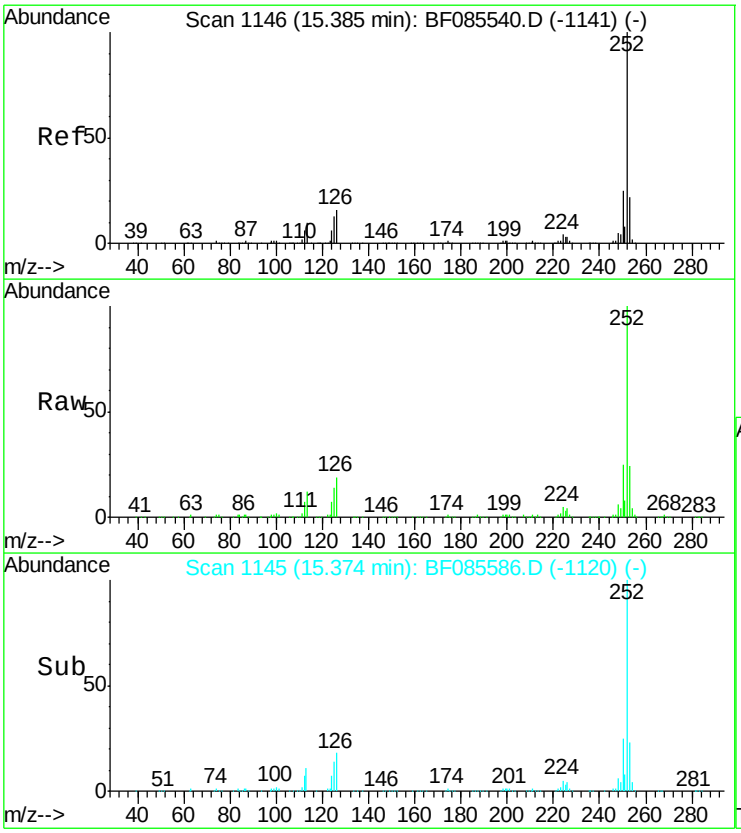
#88
Benzo(k)fluoranthene
Concen: 8.64 ng
RT: 15.13 min Scan# 1124
Delta R.T. 0.07 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:252 Resp: 113411

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	10.3	7.7	11.5

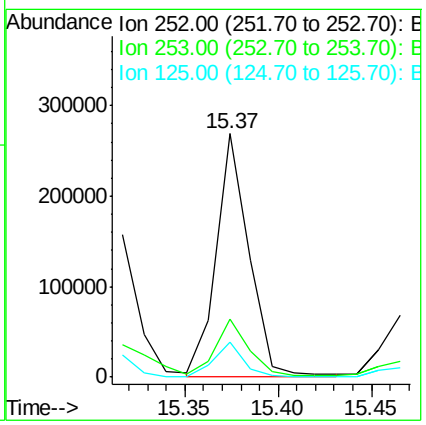


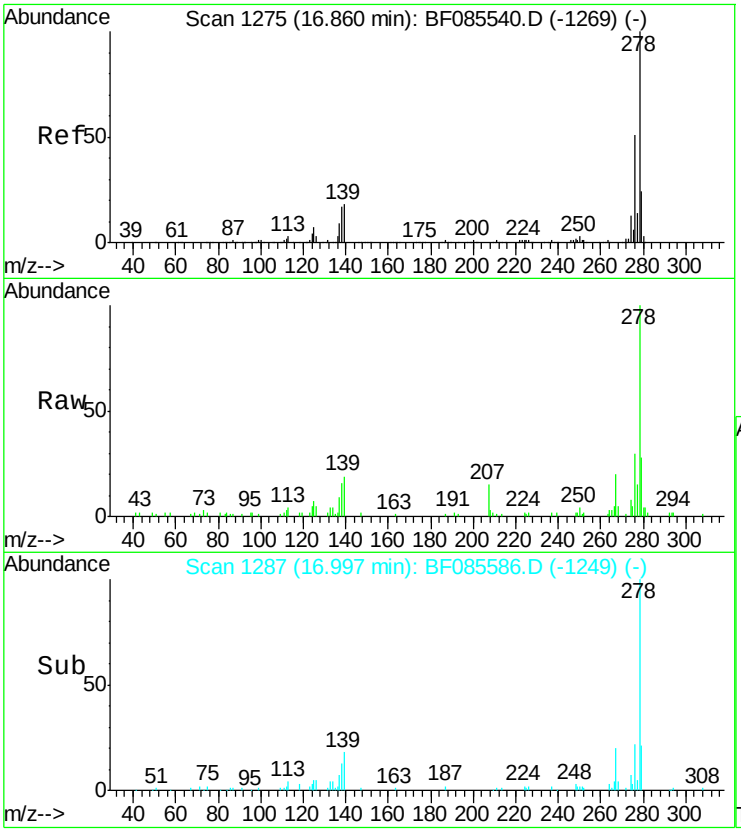


#89
Benzo(a)pyrene
Concen: 24.23 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:252 Resp: 327274

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	14.2	10.3	15.5



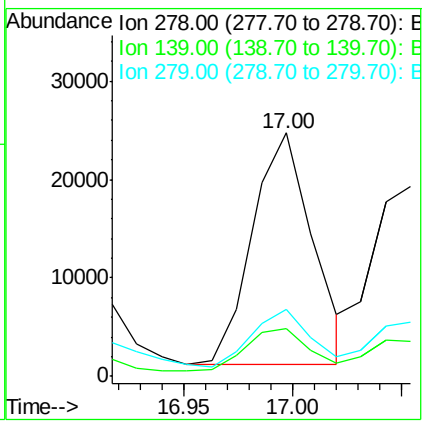


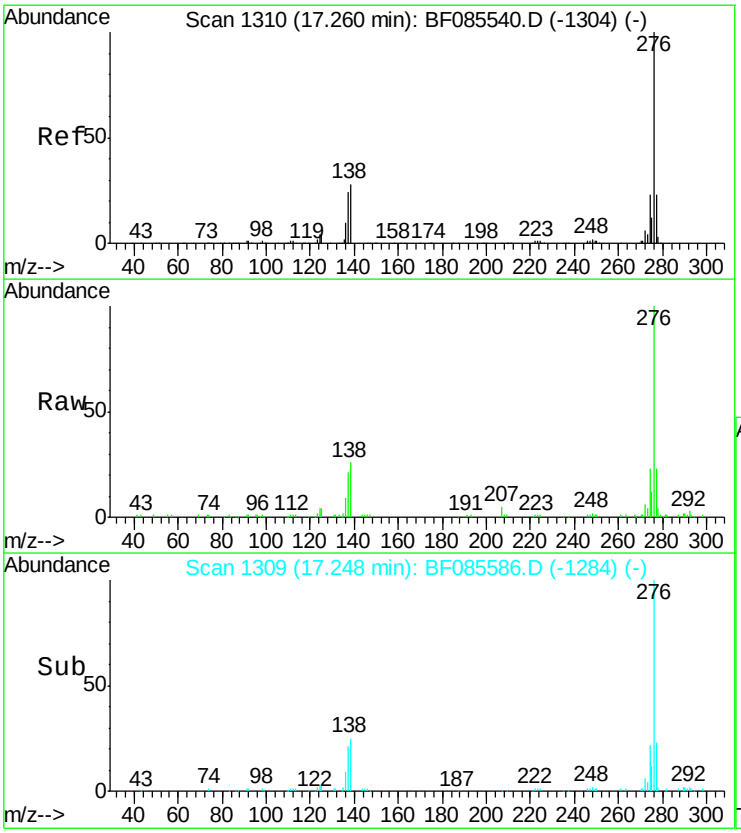
#90
Dibenzo(a,h)anthracene
Concen: 4.04 ng
RT: 17.00 min Scan# 1287
Delta R.T. 0.14 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Instrument :
BNA_F
ClientSampleId :
AOU2-SB45(6.5-8)

Tgt Ion:278 Resp: 45457

Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.4	21.6
279	27.6	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 13.75 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085586.D
Acq: 19 Mar 2016 21:23

Tgt Ion:276 Resp: 149952

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	26.0	22.6	34.0