Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085630.D
Acq On : 21 Mar 2016 19:02
Operator : UM/SJ
Sample : H1838-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Mar 22 00:09:09 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	6.86	152	76364	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	103815	20.00	ng		0.05
38) Acenaphthene-d10	10.00	164	68271	20.00	ng		0.10
63) Phenanthrene-d10	11.46	188	103343	20.00	ng		0.08
75) Chrysene-d12	14.03	240	226538	20.00	ng		0.01
86) Perylene-d12	15.44	264	229197	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	548105	120.56	ng		-0.02
7) Phenol-d6	6.48	99	580284	99.52	ng		-0.01
23) Nitrobenzene-d5	7.43	82	211271	118.13	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	54317	81.22	ng		0.09
44) 2-Fluorobiphenyl	9.32	172	189697	41.58	ng		0.09
78) Terphenyl-d14	13.00	244	373304	39.65	ng		0.03
Target Compounds							Qvalue
6) Aniline	6.55	93	21656	2.77	ng	#	1
9) Benzaldehyde	6.38	77	201414	Below Cal		#	1
11) bis(2-Chloroethyl)ether	6.55	93	20854	4.17	ng	#	1
15) Benzyl Alcohol	6.92	79	288723	72.29	ng	#	12
17) 2-Methylphenol	7.14	107	16269	3.73	ng	#	1
18) Hexachloroethane	7.44	117	1899437	899.85	ng	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	251146	72.10	ng	#	70
20) 3+4-Methylphenols	7.19	107	23681	4.69	ng	#	1
22) Acetophenone	7.14	105	2164636	878.66	ng	#	56
24) Nitrobenzene	7.41	77	269370	137.59	ng	#	50
25) Isophorone	7.70	82	327122	91.36	ng	#	1
26) 2-Nitrophenol	7.81	139	84985	87.84	ng	#	1
27) 2,4-Dimethylphenol	7.84	122	47070	27.51	ng	#	1
28) bis(2-Chloroethoxy)methane	8.00	93	19621	9.63	ng	#	1
29) 2,4-Dichlorophenol	8.13	162	650644	460.50	ng	#	48
30) 1,2,4-Trichlorobenzene	8.14	180	20501	12.95	ng	#	1
31) Naphthalene	8.22	128	629381	120.11	ng	#	1
32) Benzoic acid	8.05	122	10408	7.28	ng	#	1
33) 4-Chloroaniline	8.22	127	273144	127.18	ng	#	1
35) Caprolactam	8.65	113	231298	475.77	ng	#	1
36) 4-Chloro-3-methylphenol	8.72	107	19873	12.04	ng	#	43
37) 2-Methylnaphthalene	8.98	142	1920333	601.21	ng	#	87
42) 2,4,6-Trichlorophenol	9.25	196	9889	6.98	ng	#	27
43) 2,4,5-Trichlorophenol	9.25	196	9889	6.85	ng	#	1
45) 1,1'-Biphenyl	9.42	154	303132	51.47	ng		92
46) 2-Chloronaphthalene	9.49	162	9437	2.19	ng	#	1
47) 2-Nitroaniline	9.51	65	93093	71.53	ng	#	44
48) Acenaphthylene	9.81	152	58322	8.38	ng	#	1
50) 2,6-Dinitrotoluene	9.84	165	52404	48.18	ng	#	81
51) Acenaphthene	10.05	154	94572	21.65	ng	#	19
52) 3-Nitroaniline	10.00	138	34067	25.01	ng	#	70
53) 2,4-Dinitrophenol	10.06	184	2443	3.67	ng	#	1
54) Dibenzofuran	10.20	168	70612	13.27	ng	#	1
55) 4-Nitrophenol	10.12	139	94813	90.06	ng	#	38

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085630.D
Acq On : 21 Mar 2016 19:02
Operator : UM/SJ
Sample : H1838-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Mar 22 00:09:09 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)
56) 2,4-Dinitrotoluene	10.22	165	33252	23.35	ng	#	67
57) Fluorene	10.55	166	348178	78.52	ng	#	17
58) 2,3,4,6-Tetrachlorophenol	10.31	232	11848	11.41	ng	#	31
59) Diethylphthalate	10.47	149	30762	6.01	ng	#	18
60) 4-Chlorophenyl-phenylether	10.60	204	9341	4.31	ng	#	1
61) 4-Nitroaniline	10.47	138	30266	22.54	ng	#	60
62) Azobenzene	10.69	77	28300	5.76	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.55	198	10274	15.54	ng	#	1
65) n-Nitrosodiphenylamine	10.66	169	625066	194.17	ng	#	68
66) 4-Bromophenyl-phenylether	11.02	248	17859	17.30	ng	#	1
68) Atrazine	11.18	200	116838	119.21	ng	#	71
69) Pentachlorophenol	11.28	266	12325	18.51	ng	#	41
70) Phenanthrene	11.50	178	460590	84.53	ng	#	67
71) Anthracene	11.50	178	460590	80.61	ng	#	66
72) Carbazole	11.81	167	169709	34.43	ng	#	1
73) Di-n-butylphthalate	11.93	149	13349	2.16	ng	#	1
74) Fluoranthene	12.86	202	249393	43.71	ng		84
77) Pyrene	12.86	202	249393	15.33	ng	#	89
80) Benzo(a)anthracene	14.01	228	40616	3.09	ng	#	48
82) Chrysene	14.05	228	46496	3.67	ng	#	70
83) Bis(2-ethylhexyl)phthalate	13.99	149	128180	13.31	ng	#	89
87) Benzo(b)fluoranthene	15.03	252	72985	4.88	ng	#	57
88) Benzo(k)fluoranthene	15.03	252	72985	5.92	ng	#	58
89) Benzo(a)pyrene	15.37	252	31374	2.47	ng	#	40
91) Benzo(g,h,i)perylene	17.25	276	21984	2.15	ng	#	89

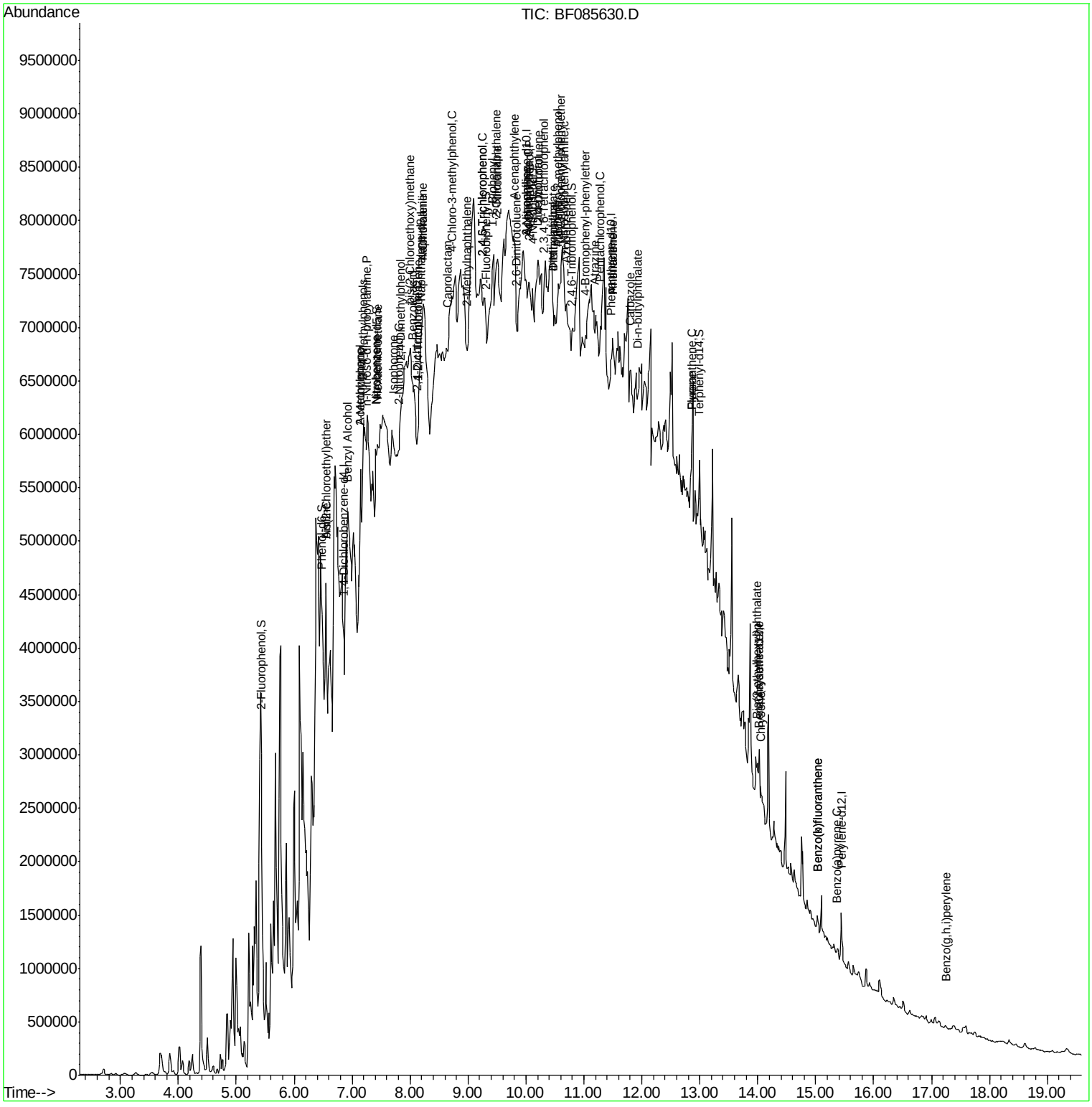
(#) = qualifier out of range (m) = manual integration (+) = signals summed

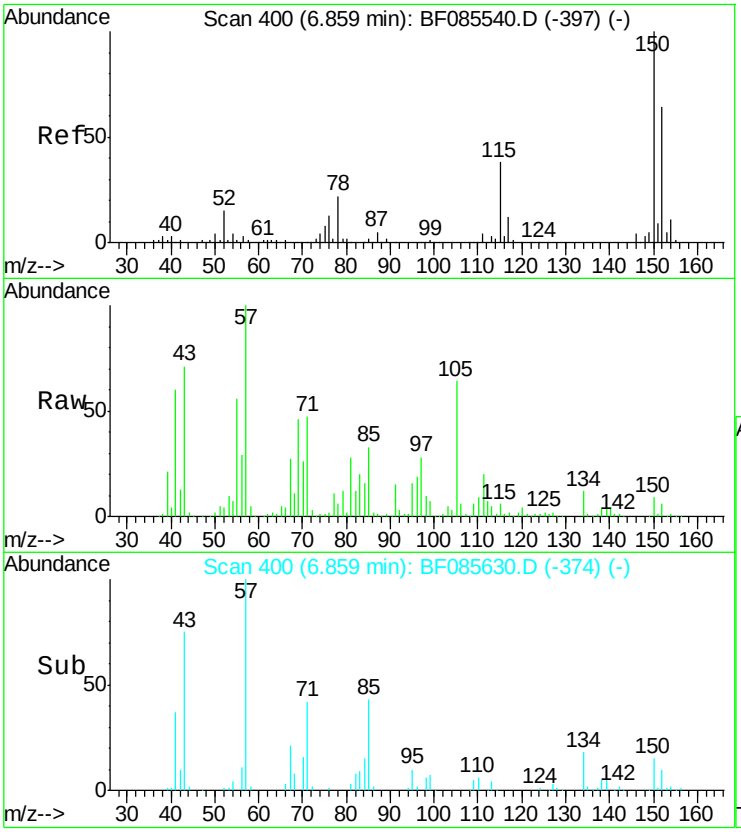
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085630.D
Acq On : 21 Mar 2016 19:02
Operator : UM/SJ
Sample : H1838-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1

Quant Time: Mar 22 00:09:09 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



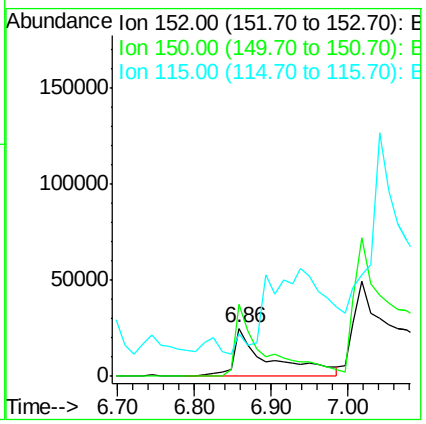


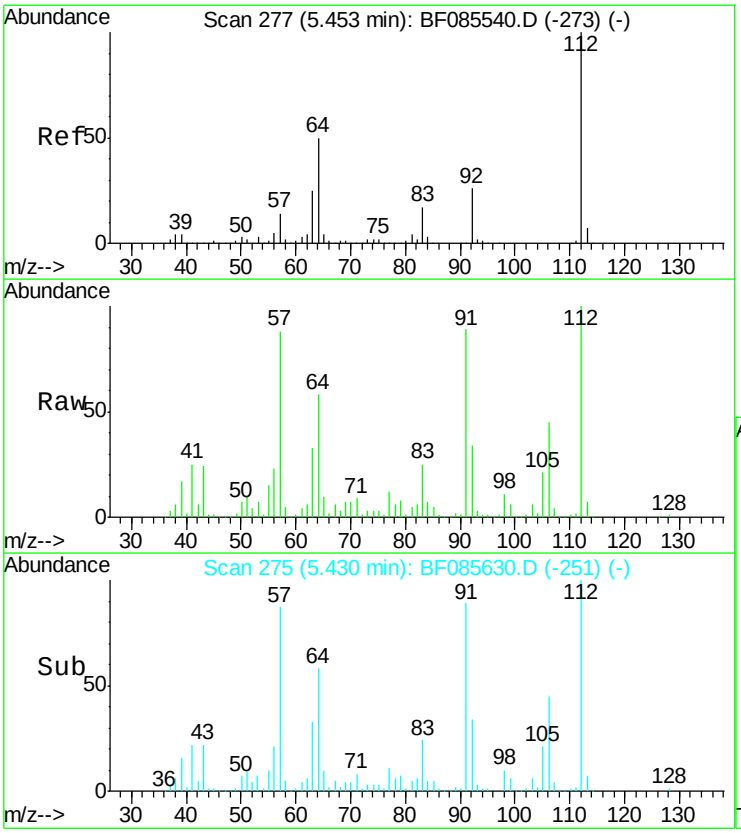
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 76364

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.2	186.2
115	89.0	47.0	70.6#

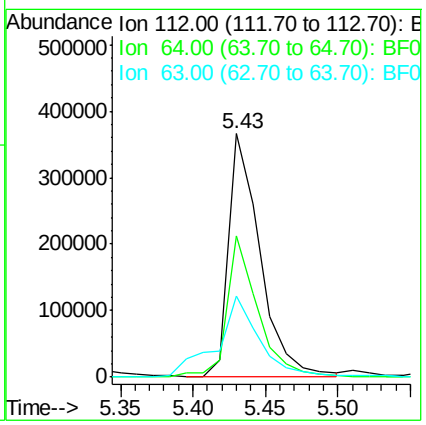


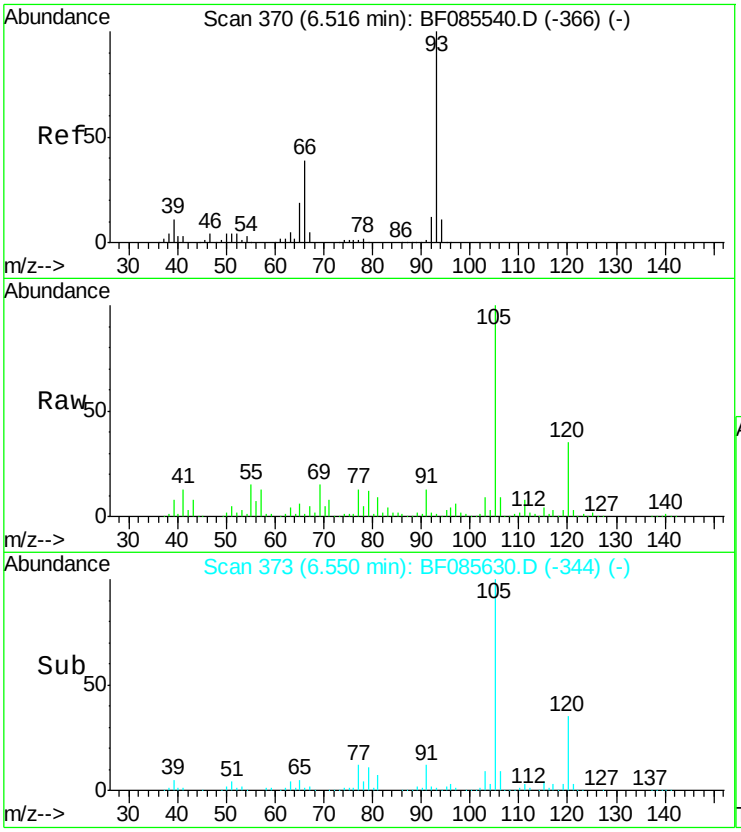


#5
2-Fluorophenol
Concen: 120.56 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:112 Resp: 548105

Ion	Ratio	Lower	Upper
112	100		
64	57.9	39.9	59.9
63	33.2	20.2	30.2#



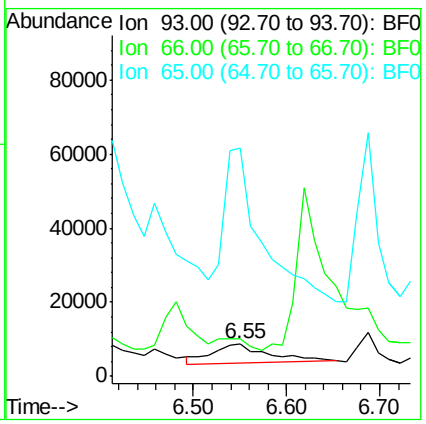


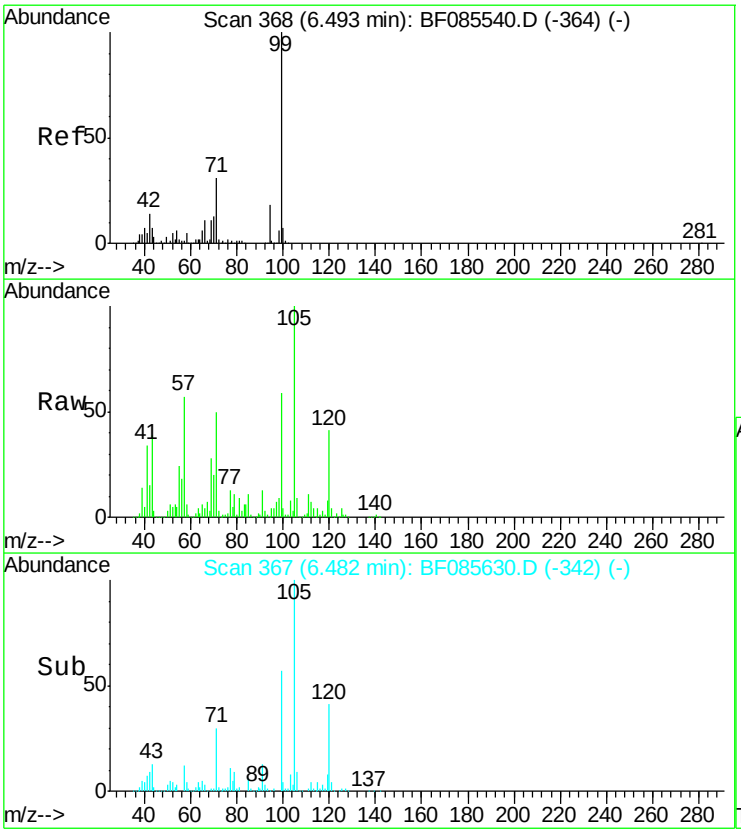
#6
Aniline
Concen: 2.77 ng
RT: 6.55 min Scan# 373
Delta R.T. 0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 93 Resp: 21656

Ion	Ratio	Lower	Upper
93	100		
66	116.1	31.4	47.2#
65	696.1	15.7	23.5#

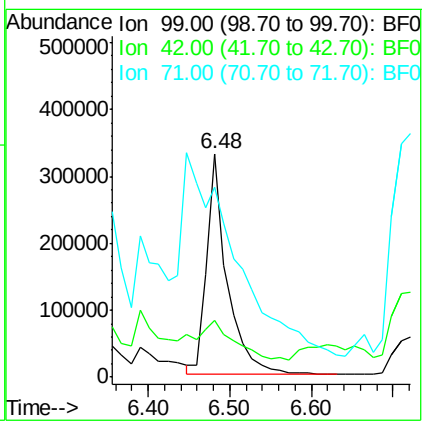


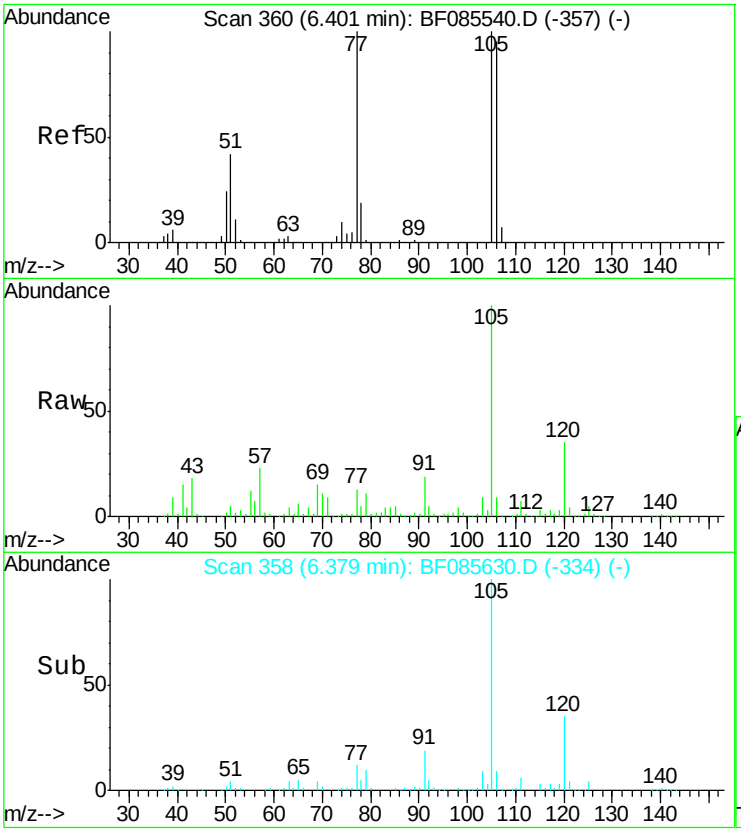


#7
Phenol-d6
Concen: 99.52 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion: 99 Resp: 580284

Ion	Ratio	Lower	Upper
99	100		
42	25.6	11.1	16.7#
71	85.0	24.9	37.3#



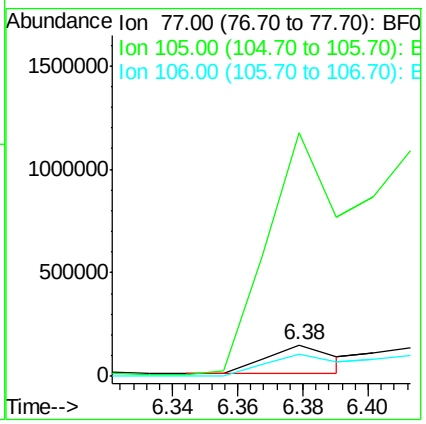


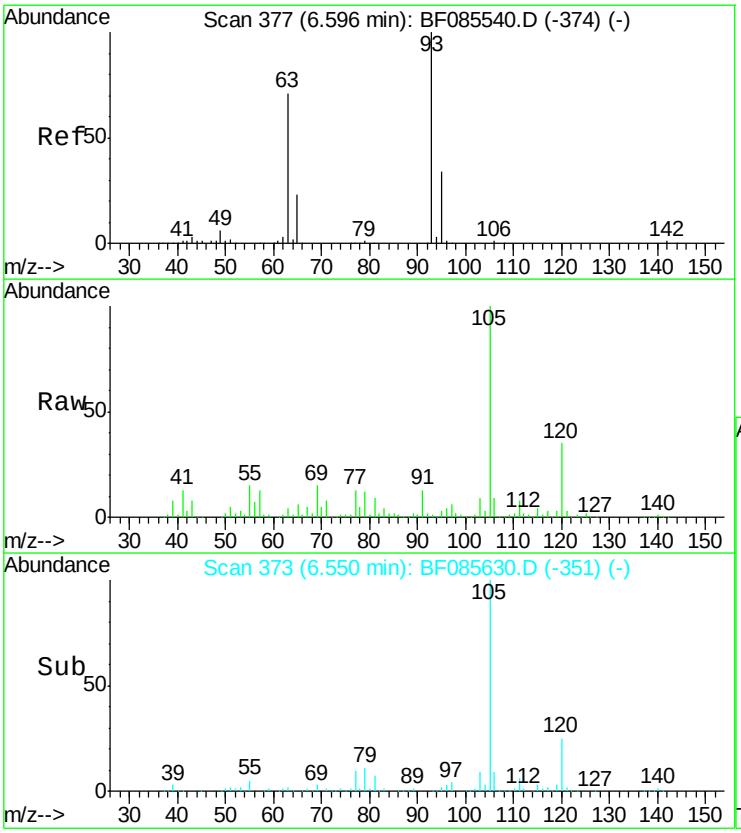
#9
Benzaldehyde
Concen: Below Cal
RT: 6.38 min Scan# 358
Delta R.T. -0.02 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 77 Resp: 201414

Ion	Ratio	Lower	Upper
77	100		
105	772.4	80.1	120.1#
106	71.3	75.0	115.0#

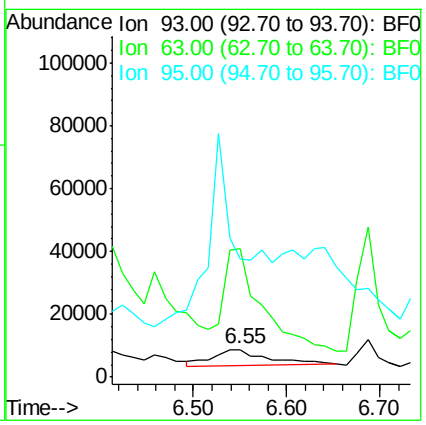


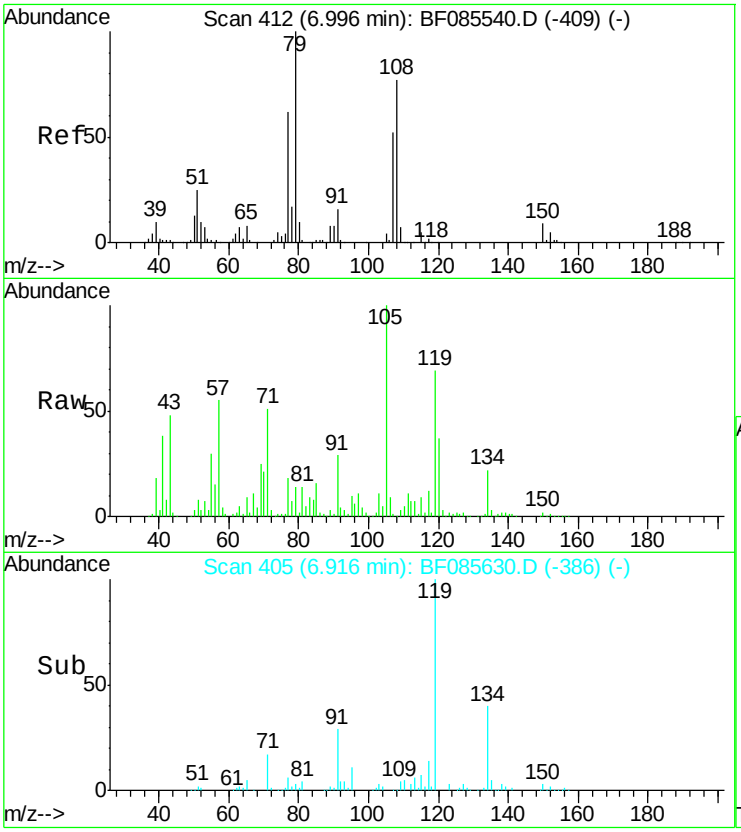


#11
bis(2-Chloroethyl)ether
Concen: 4.17 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion: 93 Resp: 20854

Ion	Ratio	Lower	Upper
93	100		
63	463.5	50.9	90.9#
95	426.7	13.3	53.3#



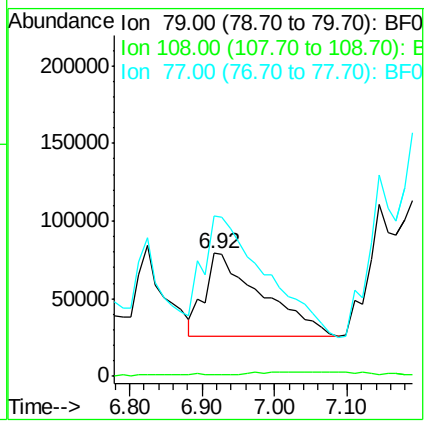


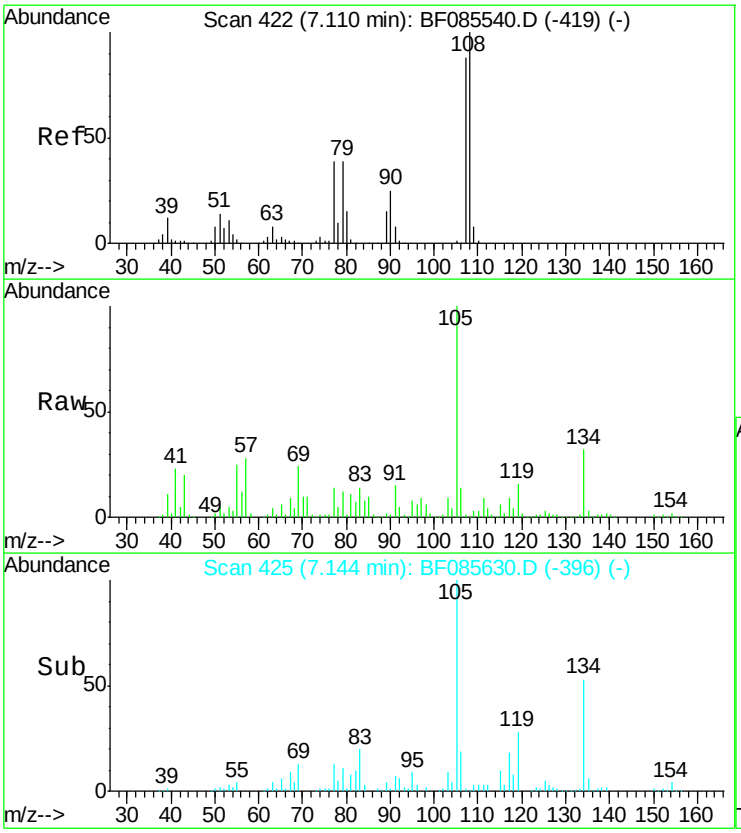
#15
Benzyl Alcohol
Concen: 72.29 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.08 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 79 Resp: 288723

Ion	Ratio	Lower	Upper
79	100		
108	1.4	61.8	92.6#
77	130.4	49.6	74.4#

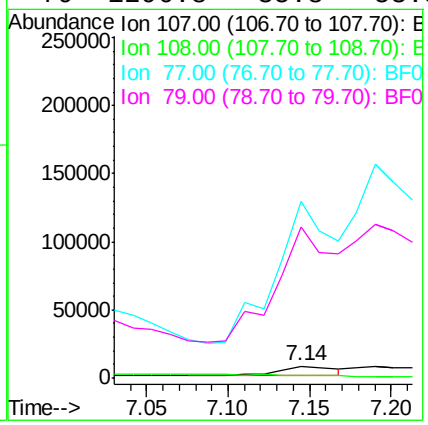


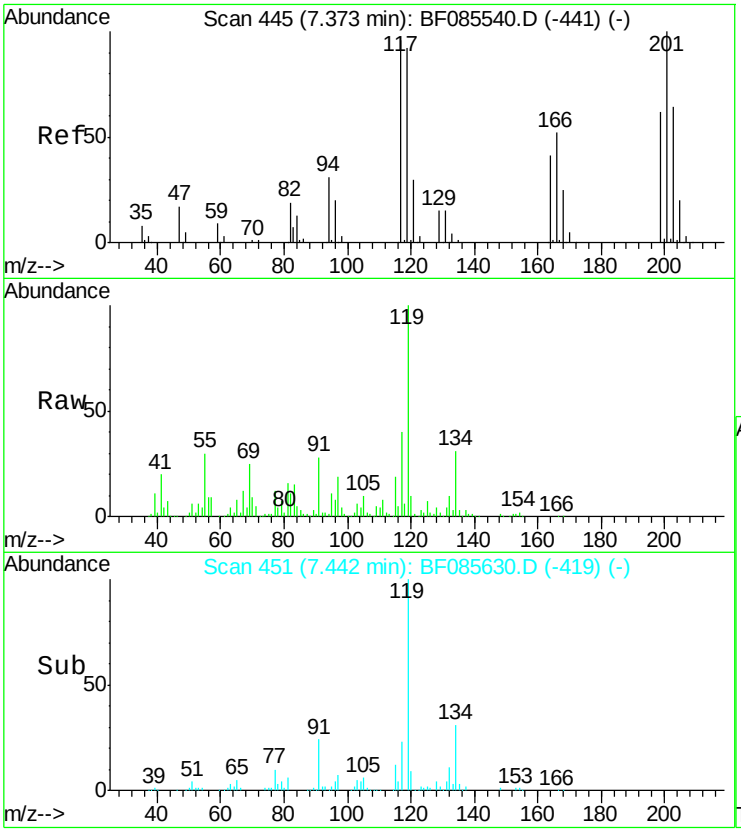


#17
2-Methylphenol
Concen: 3.73 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:107 Resp: 16269

Ion	Ratio	Lower	Upper
107	100		
108	17.6	91.4	137.0#
77	1518.6	36.2	54.2#
79	1296.8	35.8	53.8#



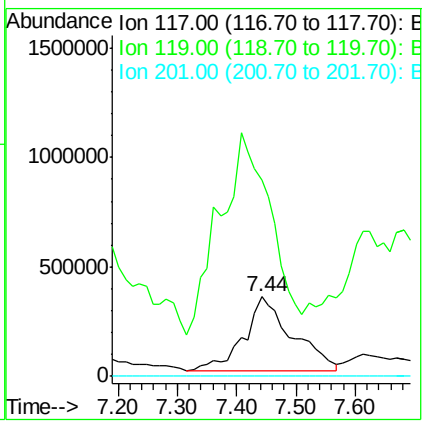


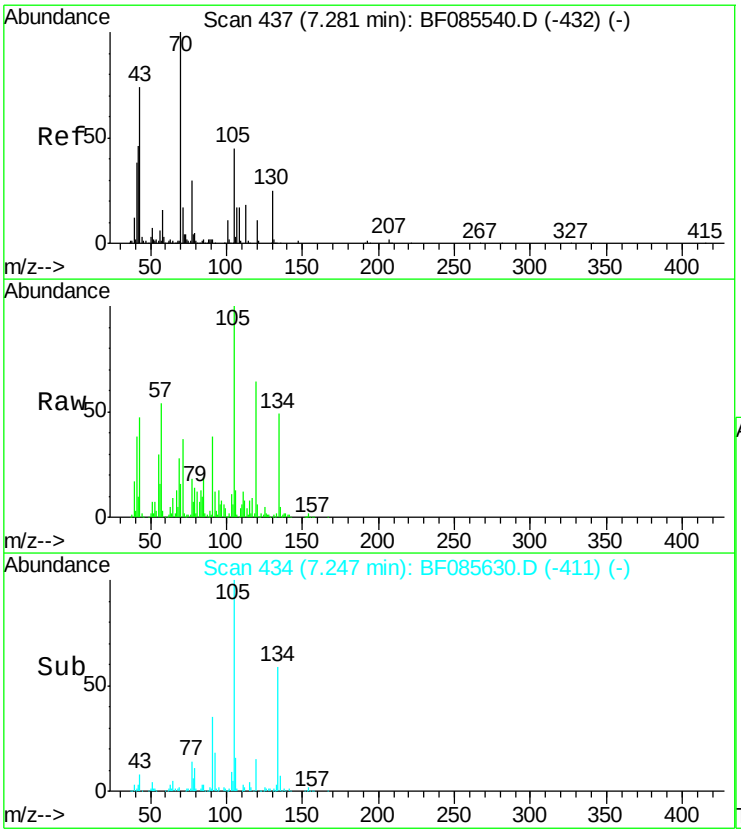
#18
Hexachloroethane
Concen: 899.85 ng
RT: 7.44 min Scan# 451
Delta R.T. 0.07 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 1899437

Ion	Ratio	Lower	Upper
117	100		
119	247.3	76.7	115.1#
201	0.0	83.3	124.9#

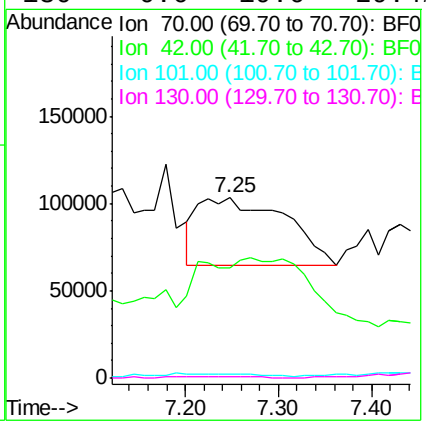


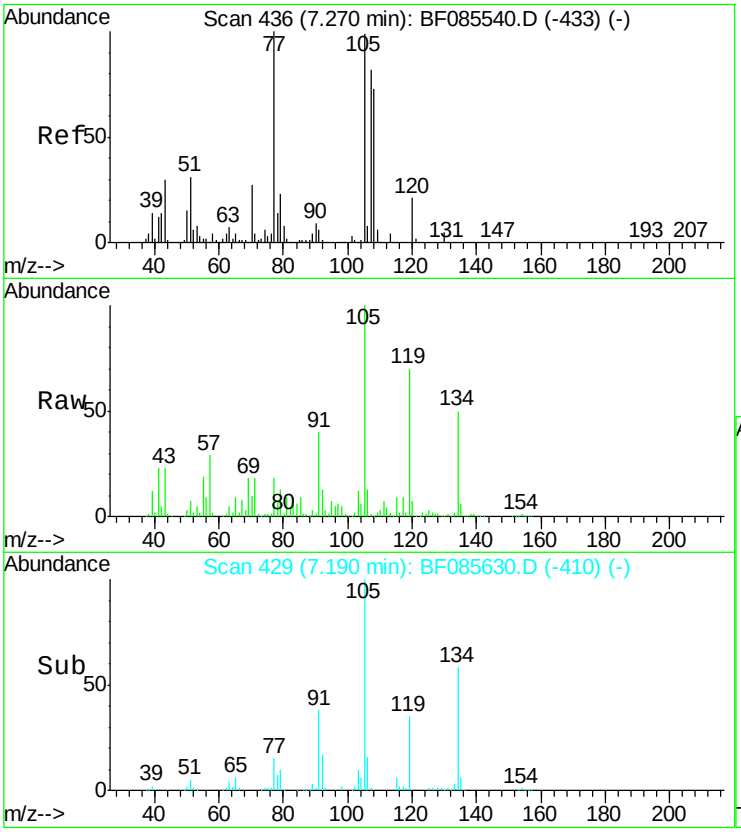


#19
n-Nitroso-di-n-propylamine
Concen: 72.10 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion: 70 Resp: 251146

Ion	Ratio	Lower	Upper
70	100		
42	61.3	37.1	55.7#
101	2.0	8.6	12.8#
130	0.6	19.6	29.4#



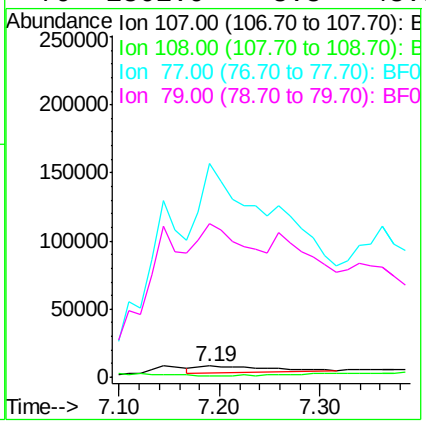


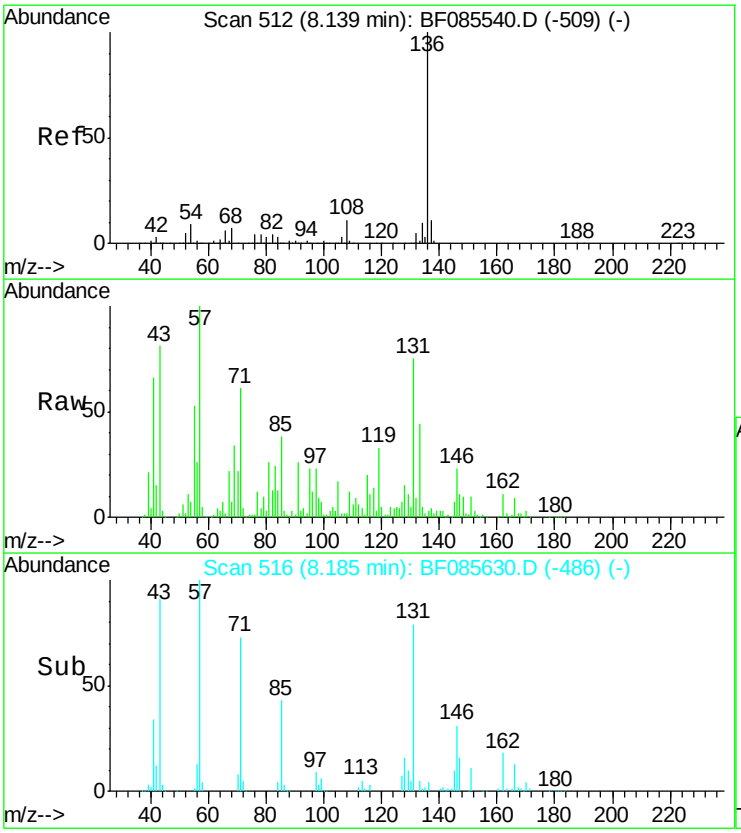
#20
3+4-Methylphenols
Concen: 4.69 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.08 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:107 Resp: 23681

Ion	Ratio	Lower	Upper
107	100		
108	14.8	69.3	109.3#
77	1886.9	101.7	141.7#
79	1361.9	8.3	48.3#

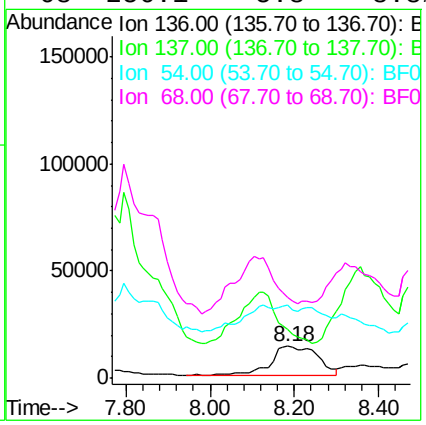


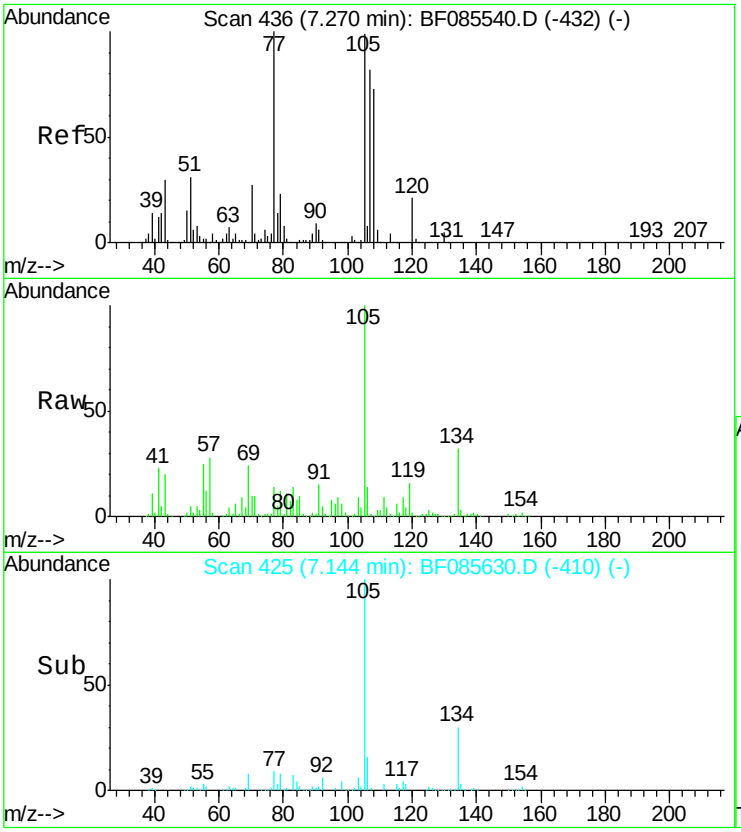


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. 0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:136 Resp: 103815

Ion	Ratio	Lower	Upper
136	100		
137	152.1	9.1	13.7#
54	230.1	7.4	11.0#
68	256.1	5.8	8.8#



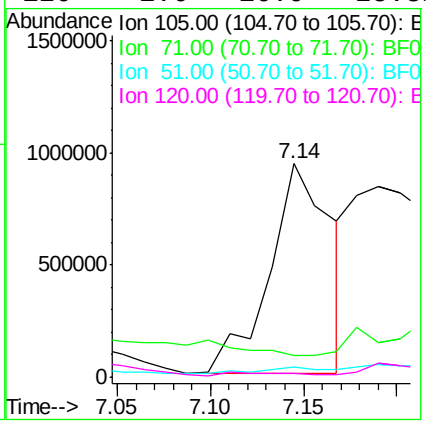


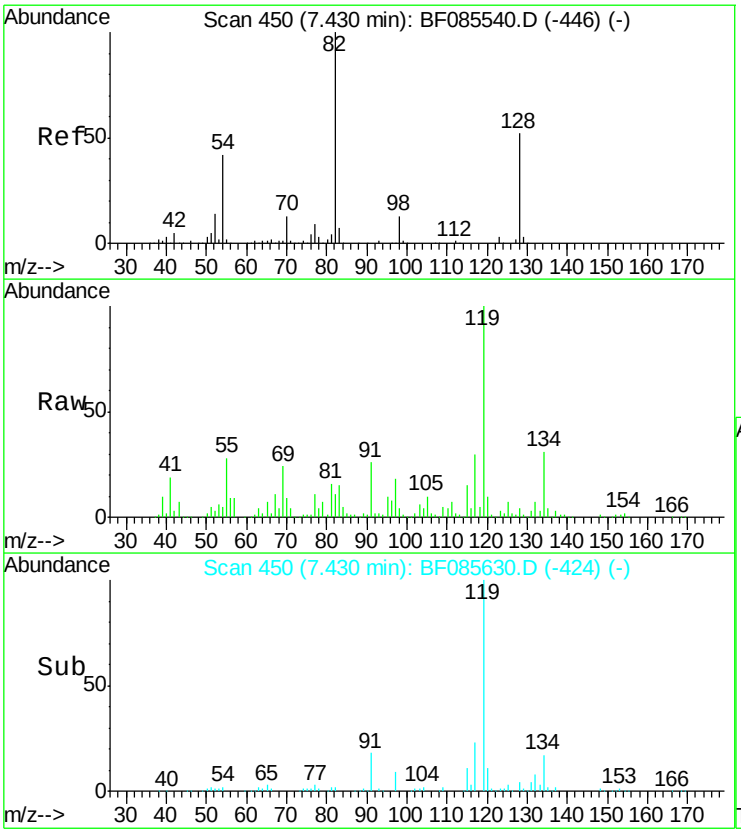
#22
Acetophenone
Concen: 878.66 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.13 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:105 Resp: 2164636

Ion	Ratio	Lower	Upper
105	100		
71	9.9	3.6	5.4#
51	4.6	25.4	38.0#
120	1.6	16.9	25.3#

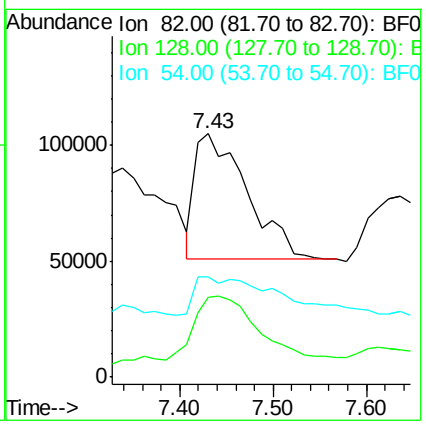


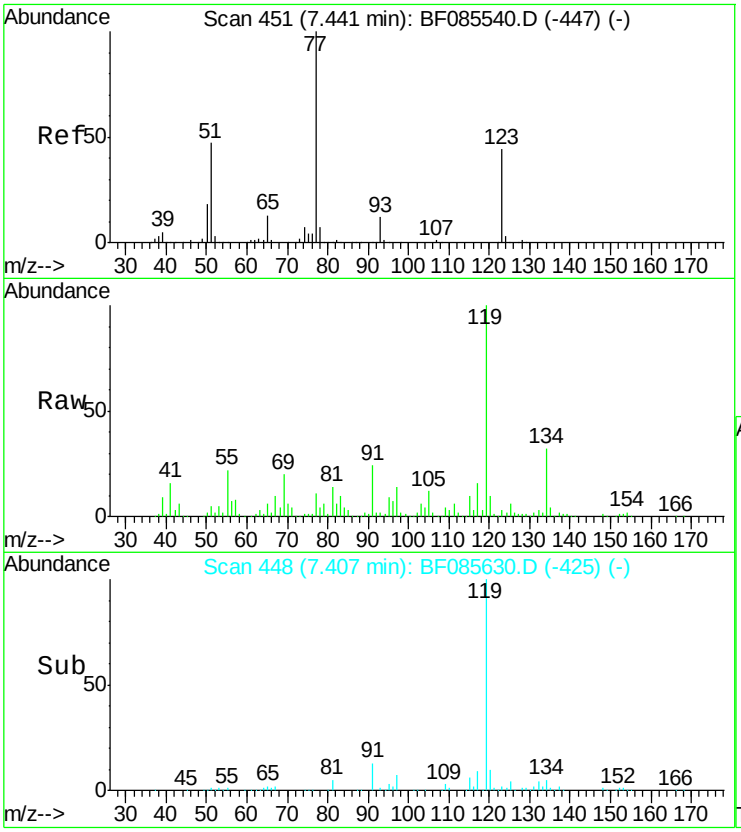


#23
Nitrobenzene-d5
Concen: 118.13 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion: 82 Resp: 211271

Ion	Ratio	Lower	Upper
82	100		
128	33.0	41.8	62.8#
54	41.1	33.4	50.0



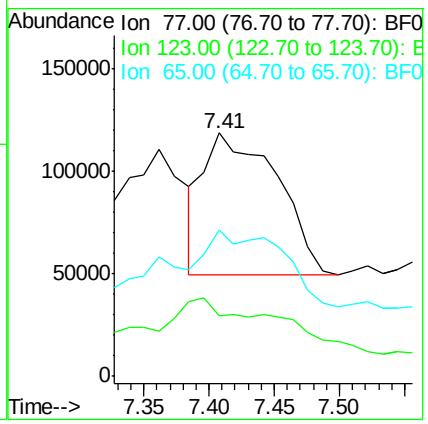


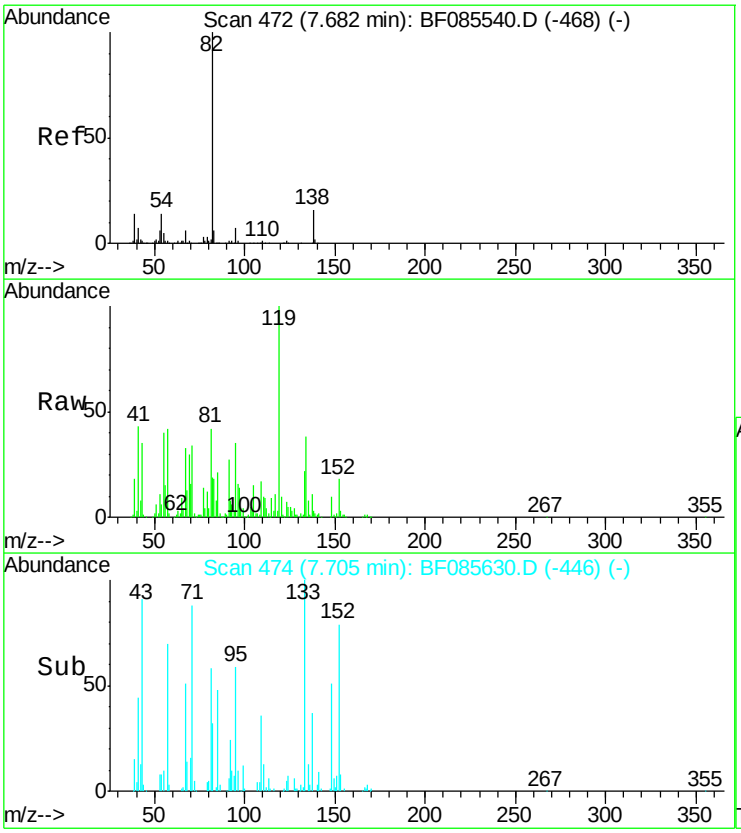
#24
Nitrobenzene
Concen: 137.59 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 77 Resp: 269370

Ion	Ratio	Lower	Upper
77	100		
123	24.8	35.0	52.4#
65	60.0	10.6	16.0#

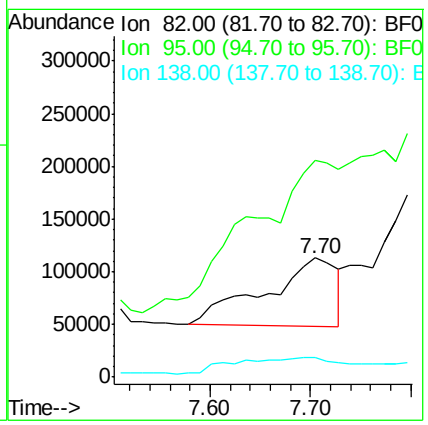


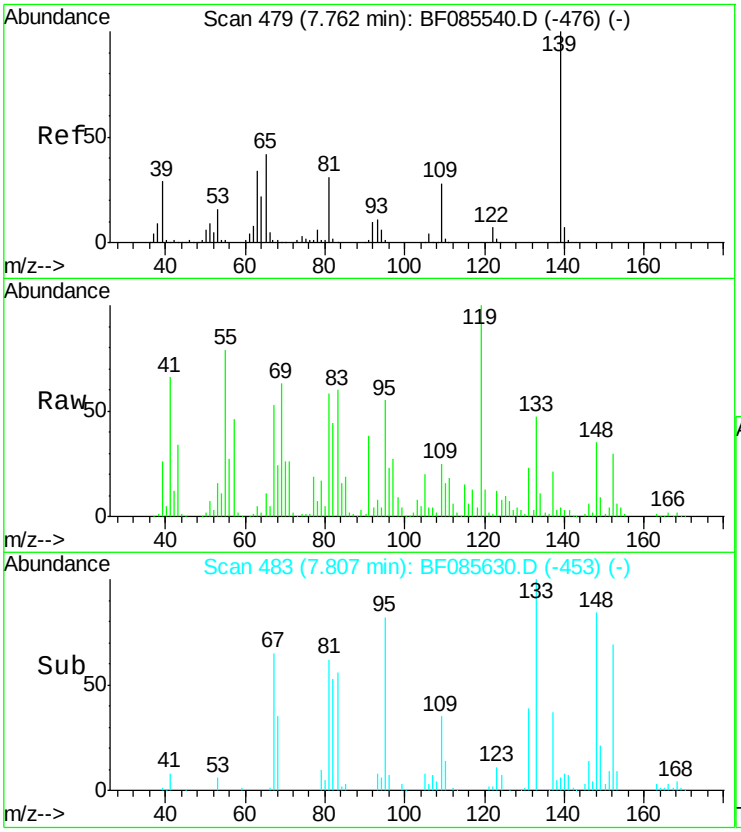


#25
Isophorone
Concen: 91.36 ng
RT: 7.70 min Scan# 474
Delta R.T. 0.02 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion: 82 Resp: 327122

Ion	Ratio	Lower	Upper
82	100		
95	182.4	5.4	8.2#
138	16.3	12.9	19.3



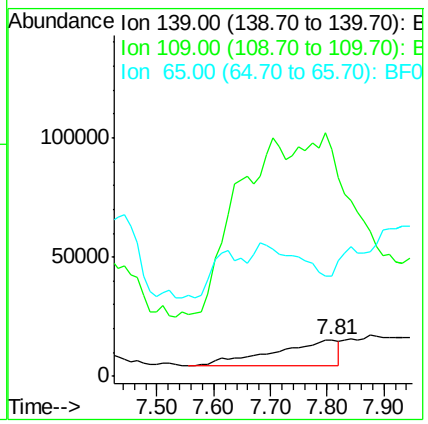


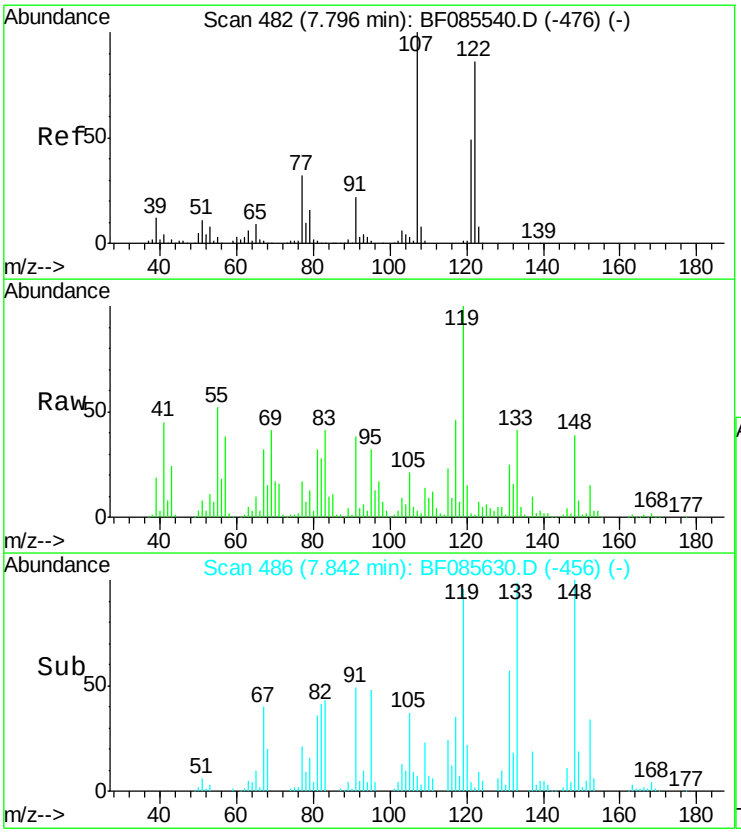
#26
2-Nitrophenol
Concen: 87.84 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:139 Resp: 84985

Ion	Ratio	Lower	Upper
139	100		
109	617.8	22.1	33.1#
65	274.1	33.9	50.9#

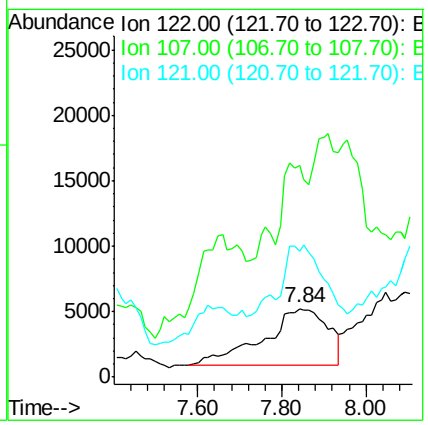


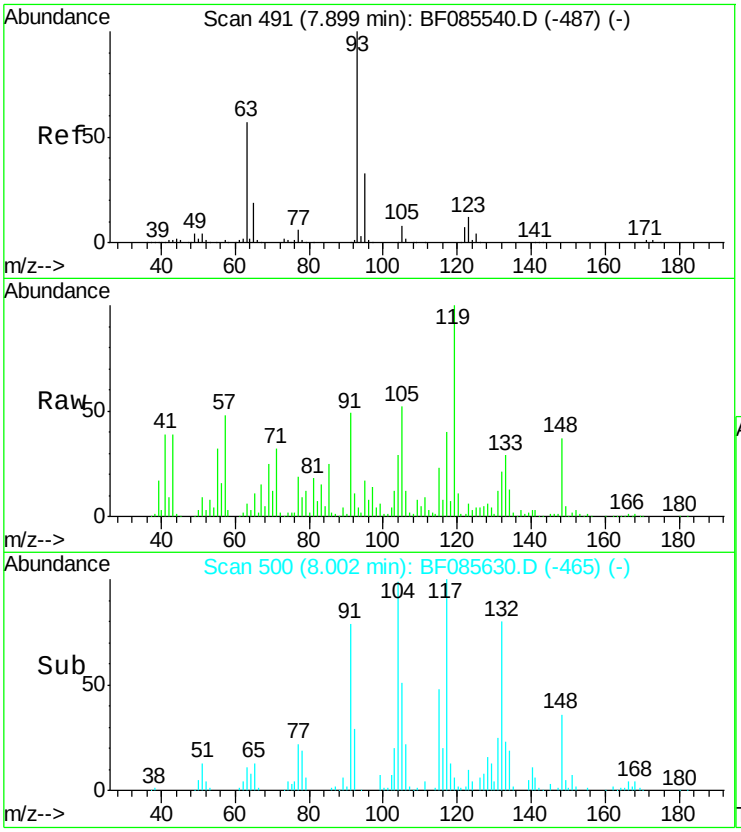


#27
2,4-Dimethylphenol
Concen: 27.51 ng
RT: 7.84 min Scan# 486
Delta R.T. 0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:122 Resp: 47070

Ion	Ratio	Lower	Upper
122	100		
107	307.0	93.0	139.6#
121	182.2	45.9	68.9#



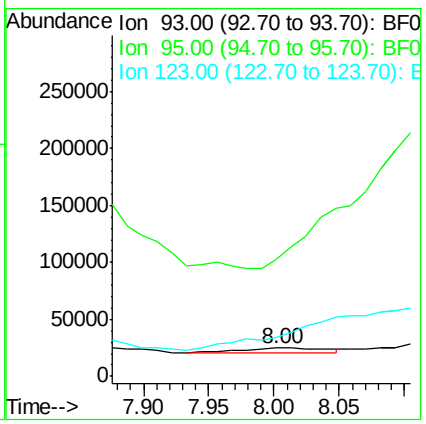


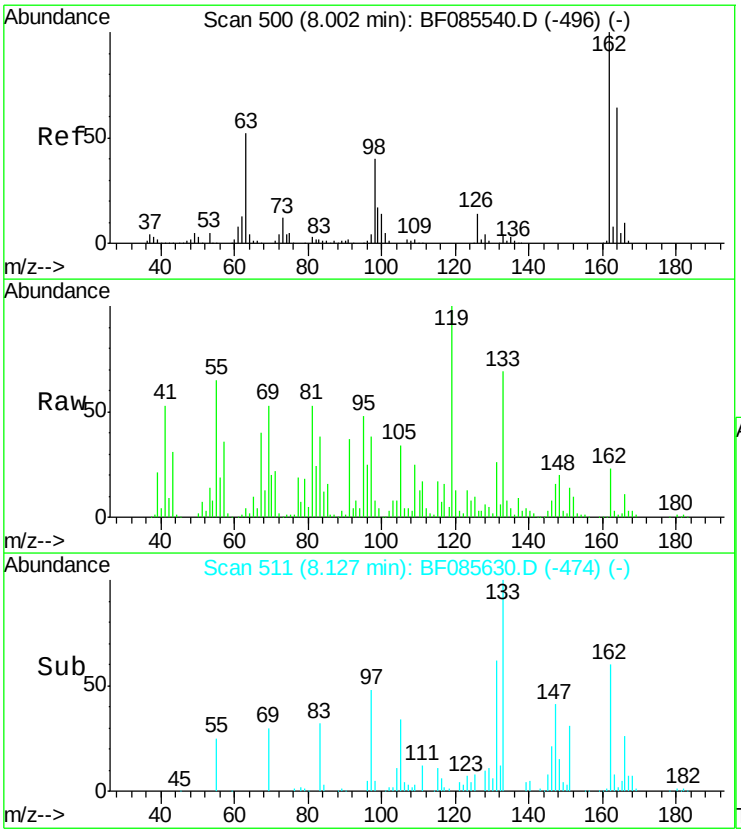
#28
bis(2-Chloroethoxy)methane
Concen: 9.63 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 93 Resp: 19621

Ion	Ratio	Lower	Upper
93	100		
95	409.7	26.4	39.6#
123	138.5	9.8	14.6#

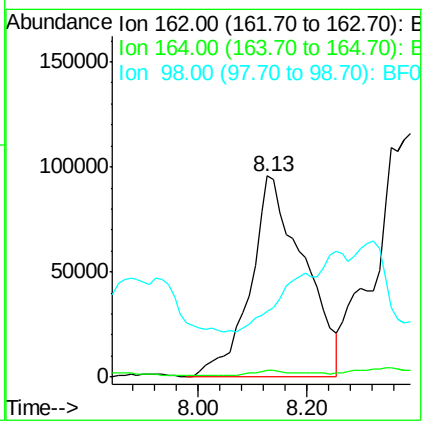


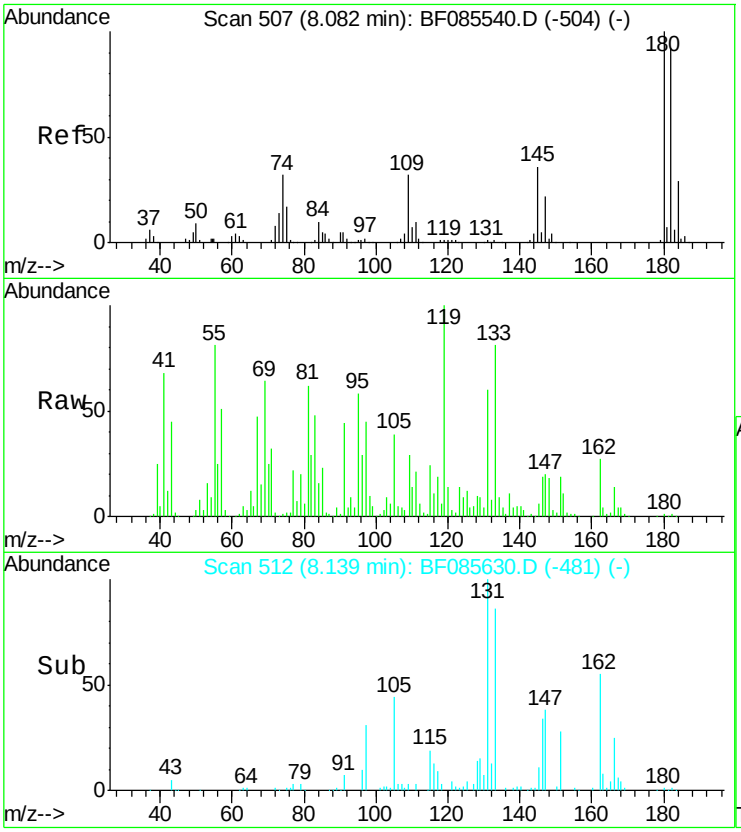


#29
2,4-Dichlorophenol
Concen: 460.50 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.13 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:162 Resp: 650644

Ion	Ratio	Lower	Upper
162	100		
164	3.1	43.7	83.7#
98	33.0	20.4	60.4



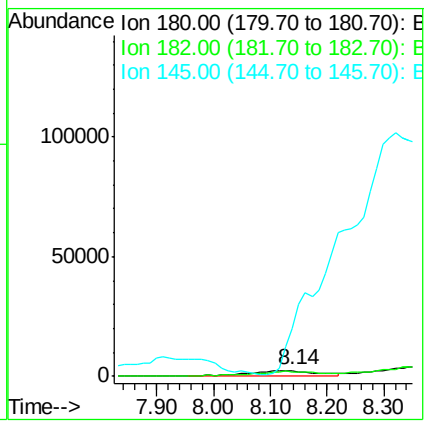


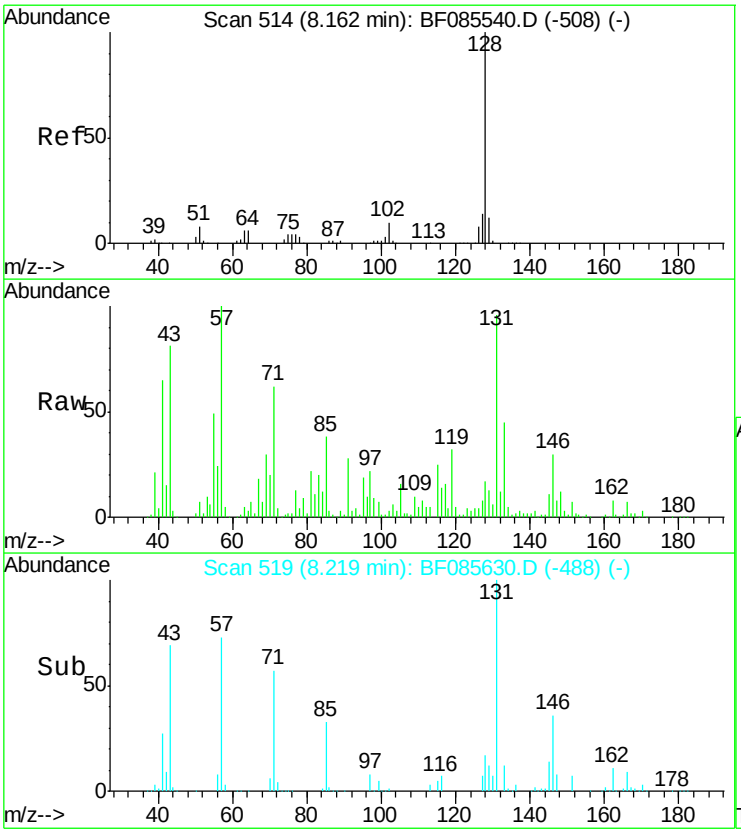
#30
1,2,4-Trichlorobenzene
Concen: 12.95 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.06 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:180 Resp: 20501

Ion	Ratio	Lower	Upper
180	100		
182	86.4	73.8	110.8
145	864.1	28.4	42.6#

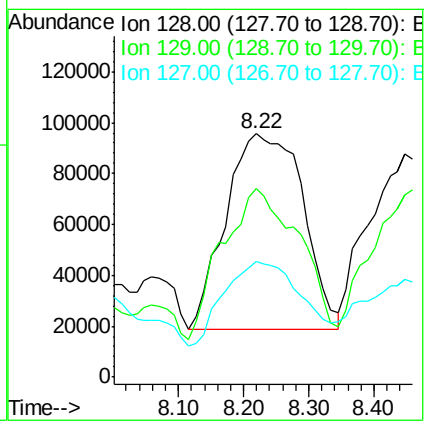


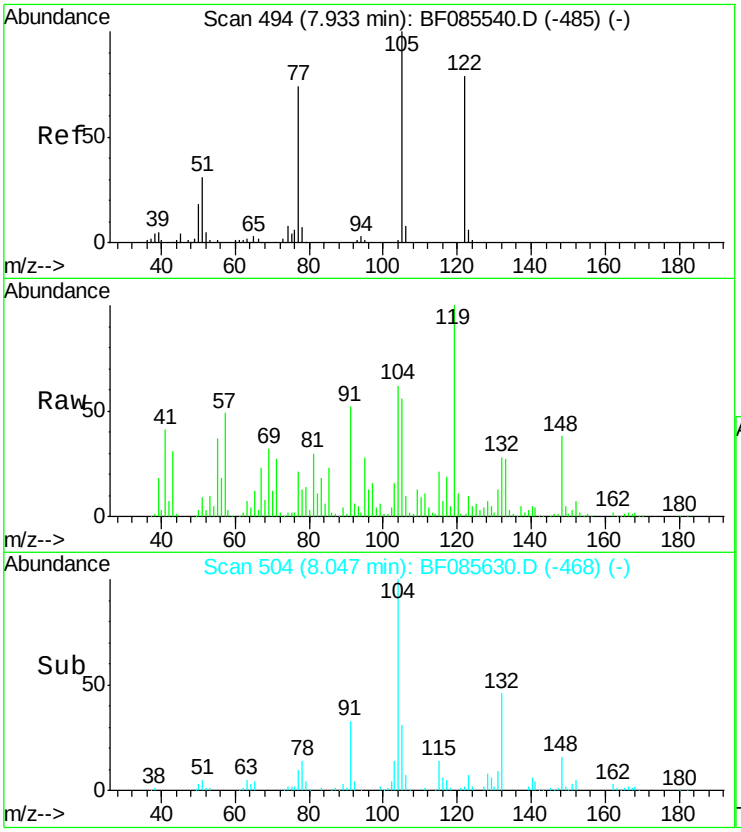


#31
Naphthalene
Concen: 120.11 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.06 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:128 Resp: 629381

Ion	Ratio	Lower	Upper
128	100		
129	77.5	9.4	14.0#
127	47.7	11.0	16.6#



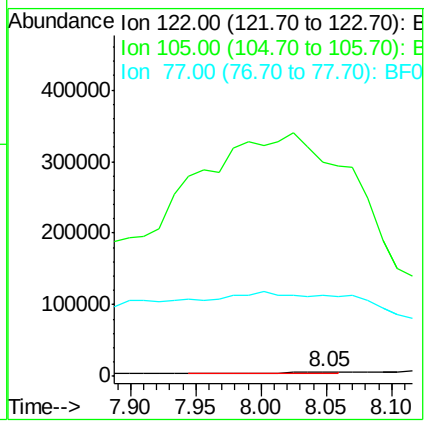


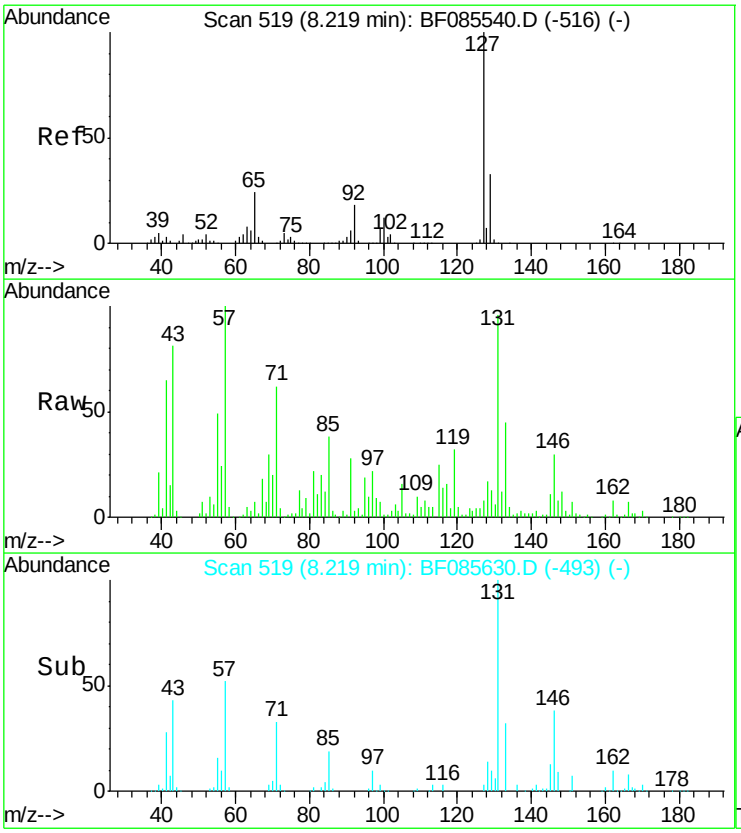
#32
Benzoic acid
Concen: 7.28 ng
RT: 8.05 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:122 Resp: 10408

Ion	Ratio	Lower	Upper
122	100		
105	4641.0	102.9	142.9#
77	1738.8	71.8	111.8#

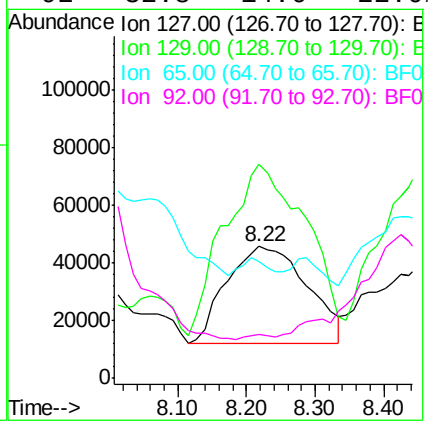


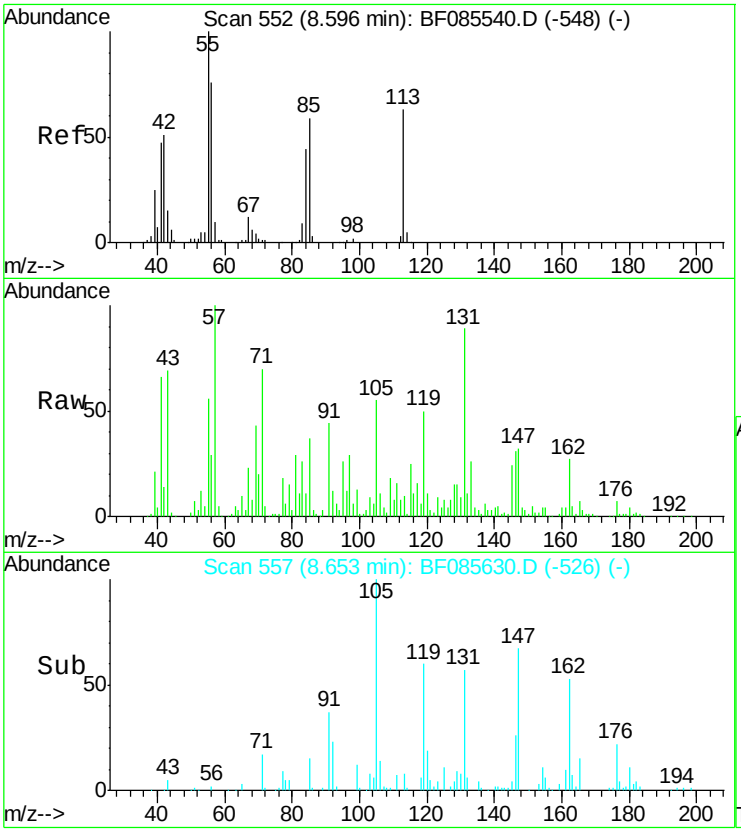


#33
4-Chloroaniline
Concen: 127.18 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:127 Resp: 273144

Ion	Ratio	Lower	Upper
127	100		
129	162.7	26.1	39.1#
65	89.0	19.5	29.3#
92	32.8	14.6	22.0#



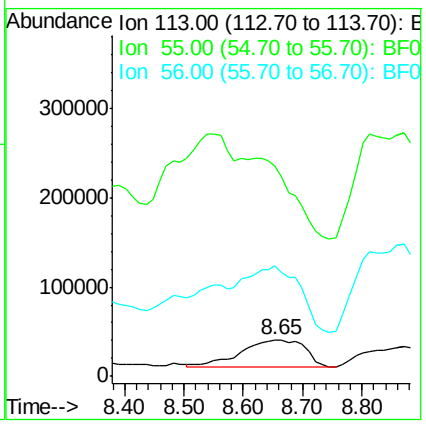


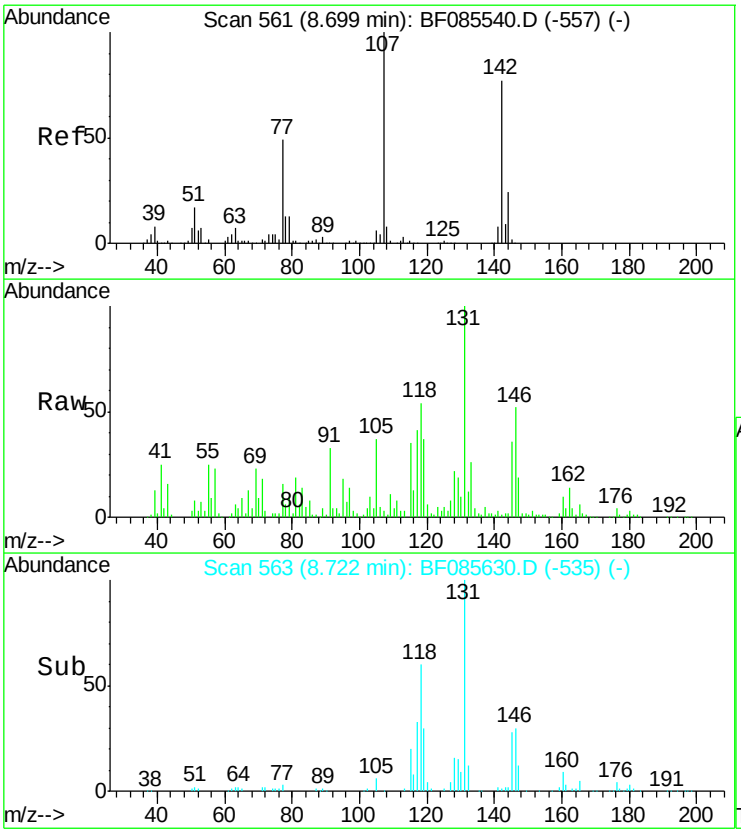
#35
Caprolactam
Concen: 475.77 ng
RT: 8.65 min Scan# 557
Delta R.T. 0.06 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:113 Resp: 231298

Ion	Ratio	Lower	Upper
113	100		
55	571.1	139.4	179.4#
56	299.1	100.4	140.4#

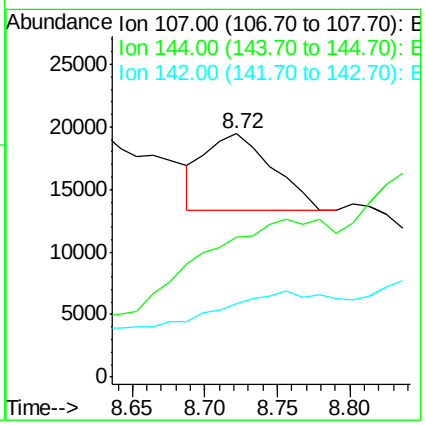


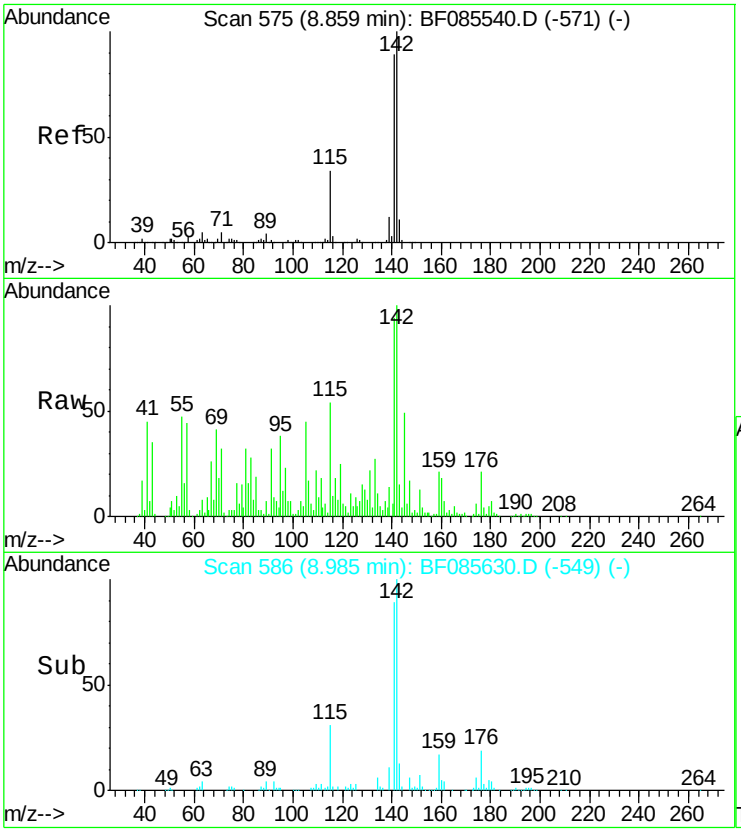


#36
4-Chloro-3-methylphenol
Concen: 12.04 ng
RT: 8.72 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:107 Resp: 19873

Ion	Ratio	Lower	Upper
107	100		
144	57.7	19.3	28.9#
142	30.3	61.4	92.0#



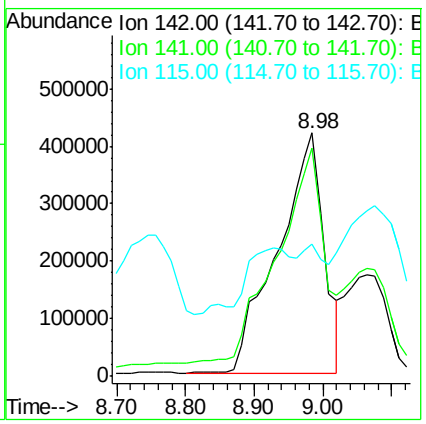


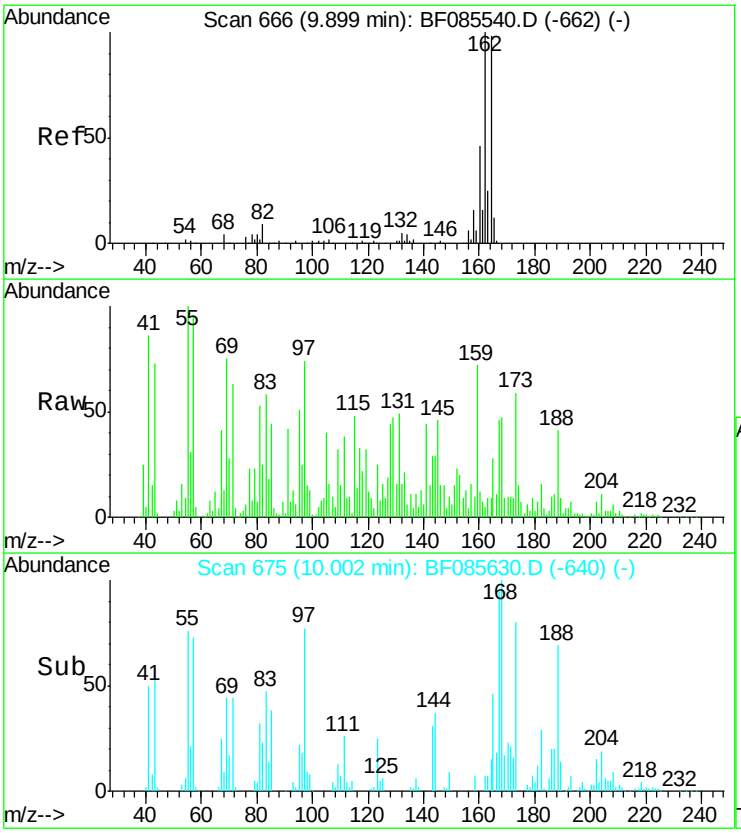
#37
2-Methylnaphthalene
Concen: 601.21 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.13 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:142 Resp: 1920333

Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.6	107.4
115	54.1	26.8	40.2#

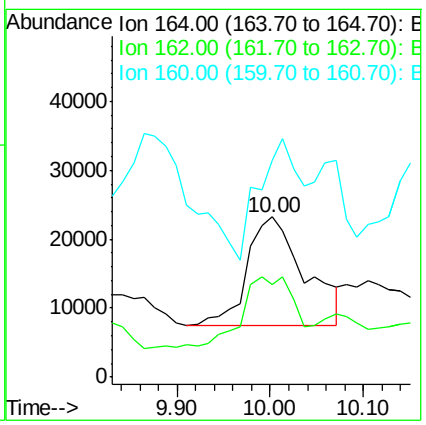


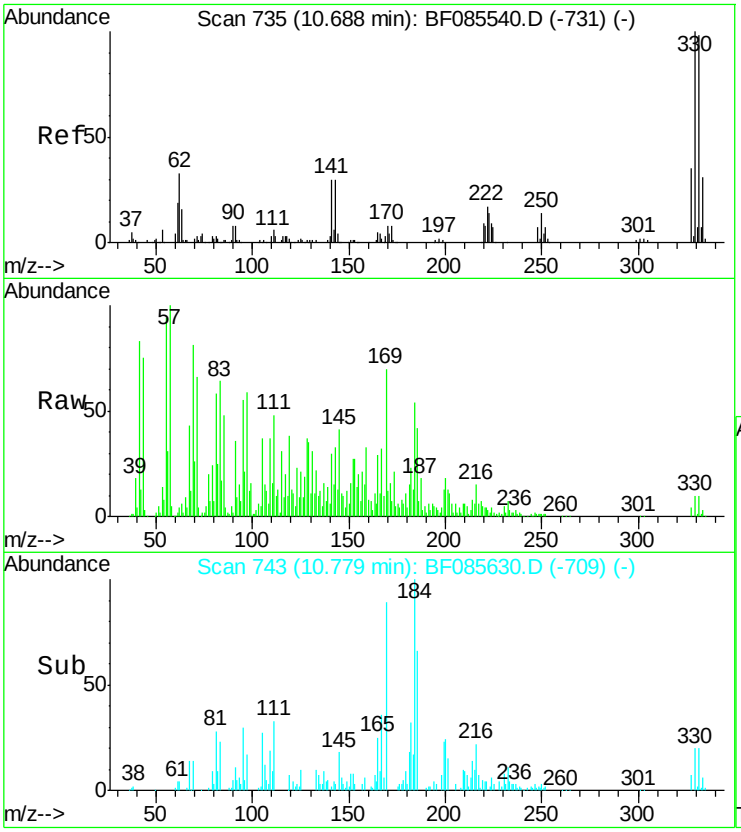


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:164 Resp: 68271

Ion	Ratio	Lower	Upper
164	100		
162	58.3	82.1	123.1#
160	135.7	37.4	56.2#



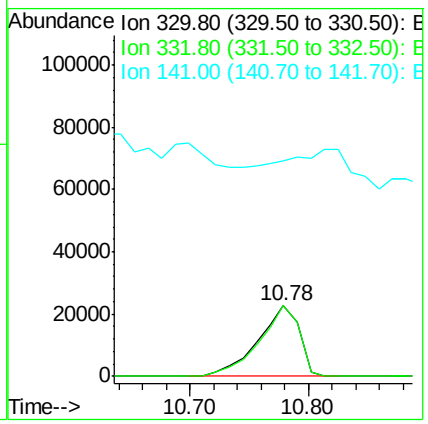


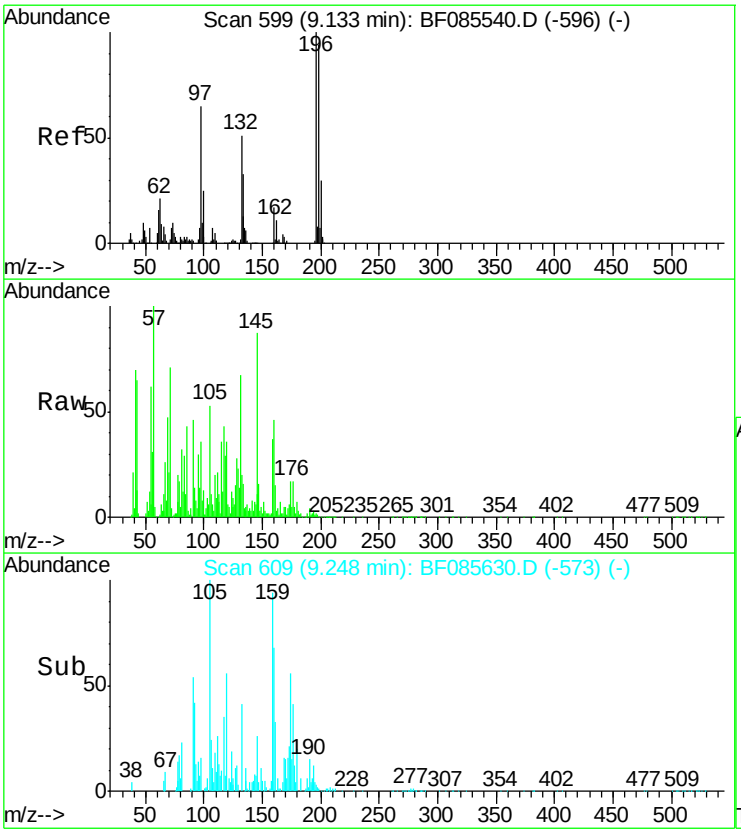
#41
2,4,6-Tribromophenol
Concen: 81.22 ng
RT: 10.78 min Scan# 743
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:330 Resp: 54317

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	0.0	31.5	47.3#

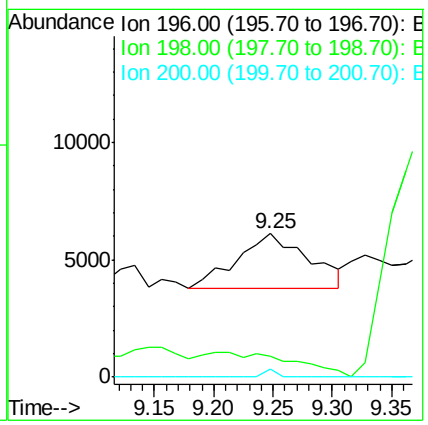


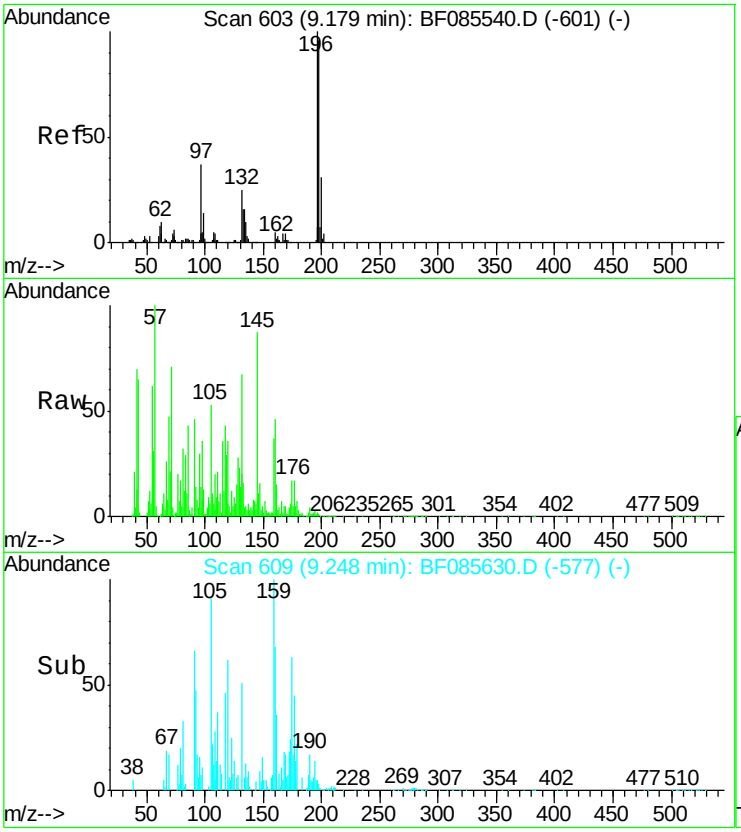


#42
2,4,6-Trichlorophenol
Concen: 6.98 ng
RT: 9.25 min Scan# 609
Delta R.T. 0.11 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:196 Resp: 9889

Ion	Ratio	Lower	Upper
196	100		
198	14.9	75.3	112.9#
200	5.5	23.7	35.5#



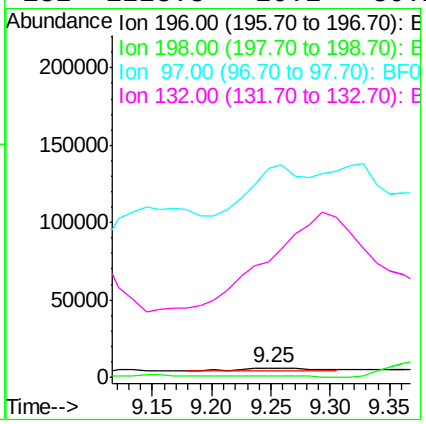


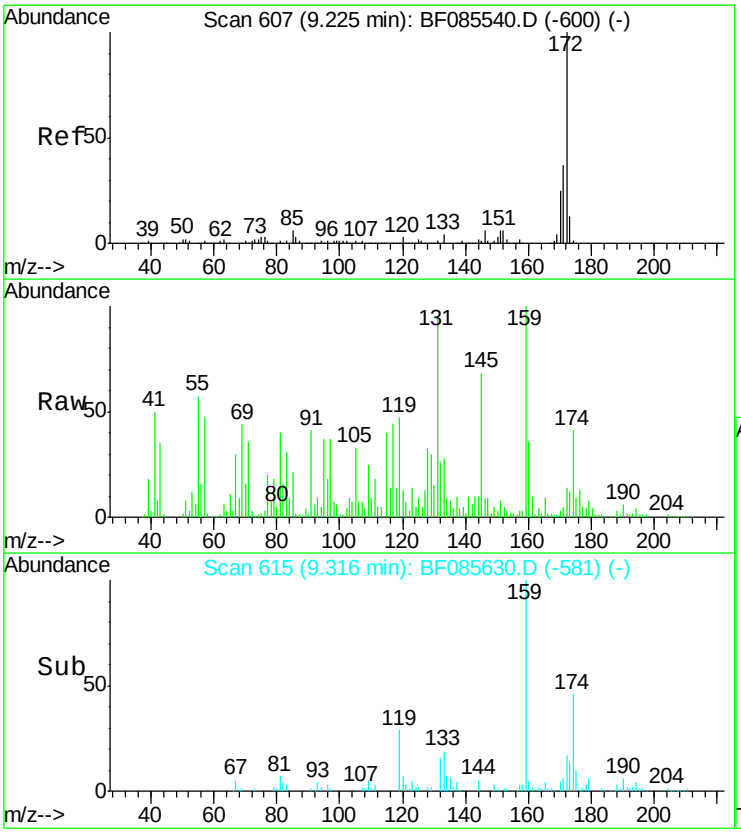
#43
2,4,5-Trichlorophenol
Concen: 6.85 ng
RT: 9.25 min Scan# 609
Delta R.T. 0.07 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:196 Resp: 9889

Ion	Ratio	Lower	Upper
196	100		
198	14.9	76.6	114.8#
97	2201.3	30.5	45.7#
132	1223.8	20.2	30.2#

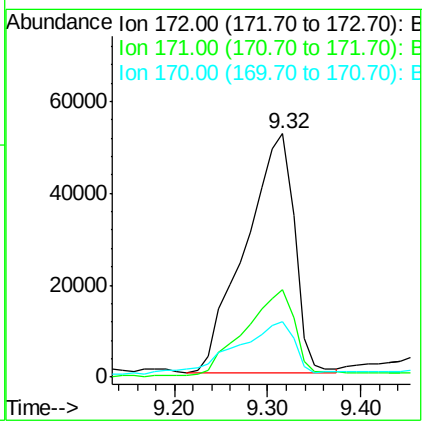


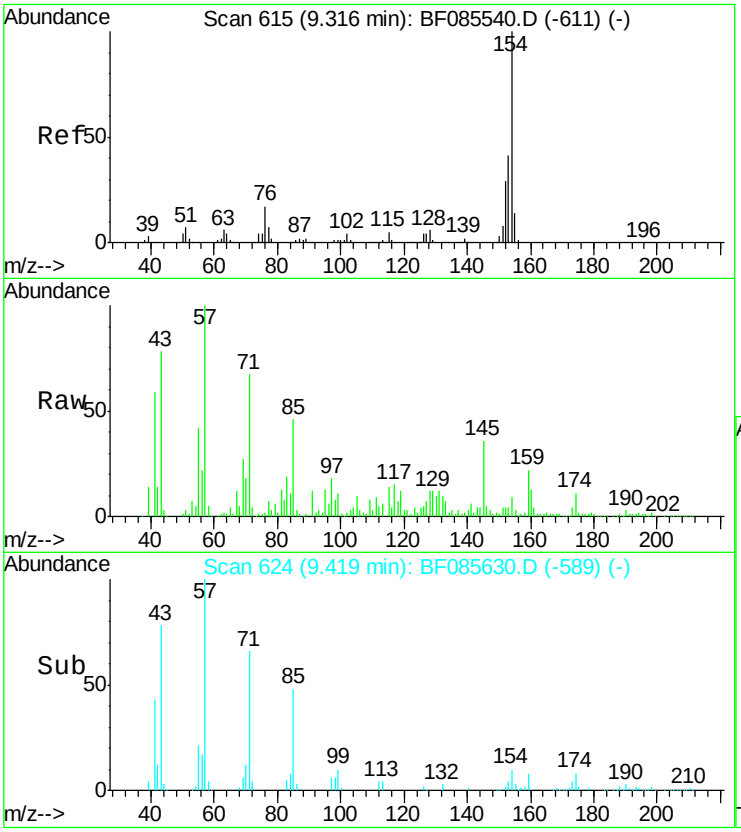


#44
2-Fluorobiphenyl
Concen: 41.58 ng
RT: 9.32 min Scan# 615
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:172 Resp: 189697

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	22.7	19.8	29.6



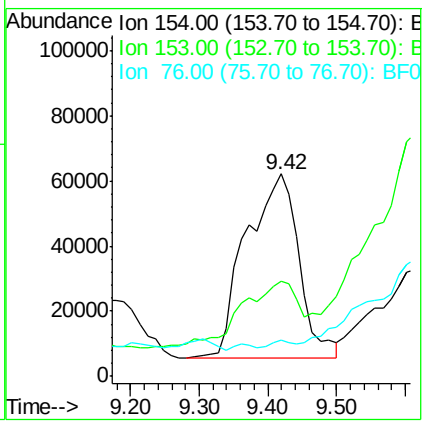


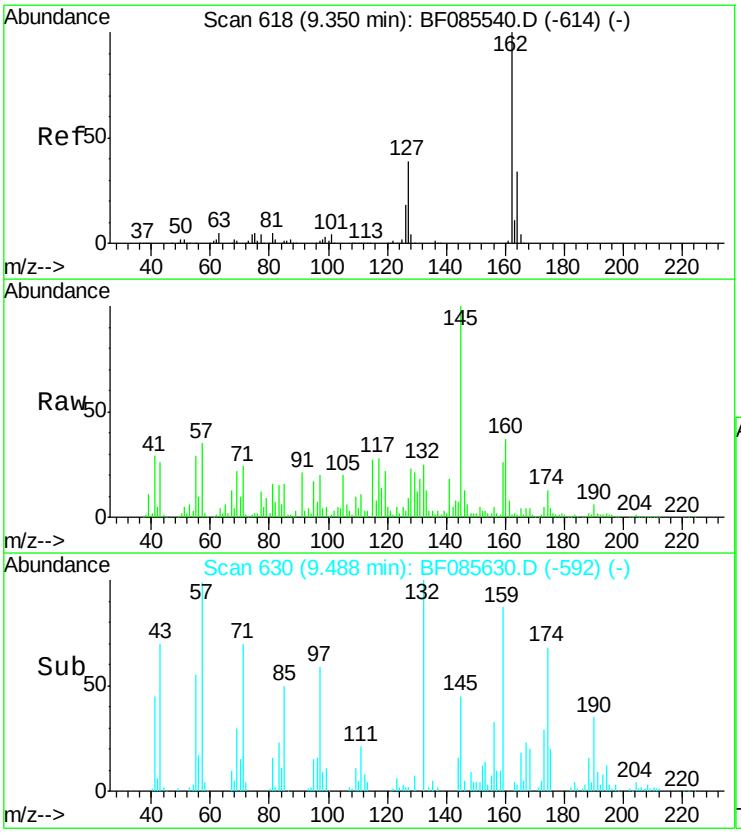
#45
1,1'-Biphenyl
Concen: 51.47 ng
RT: 9.42 min Scan# 624
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:154 Resp: 303132

Ion	Ratio	Lower	Upper
154	100		
153	47.2	20.8	60.8
76	18.1	0.0	36.7

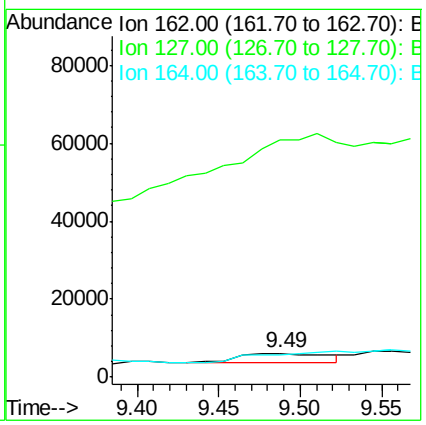


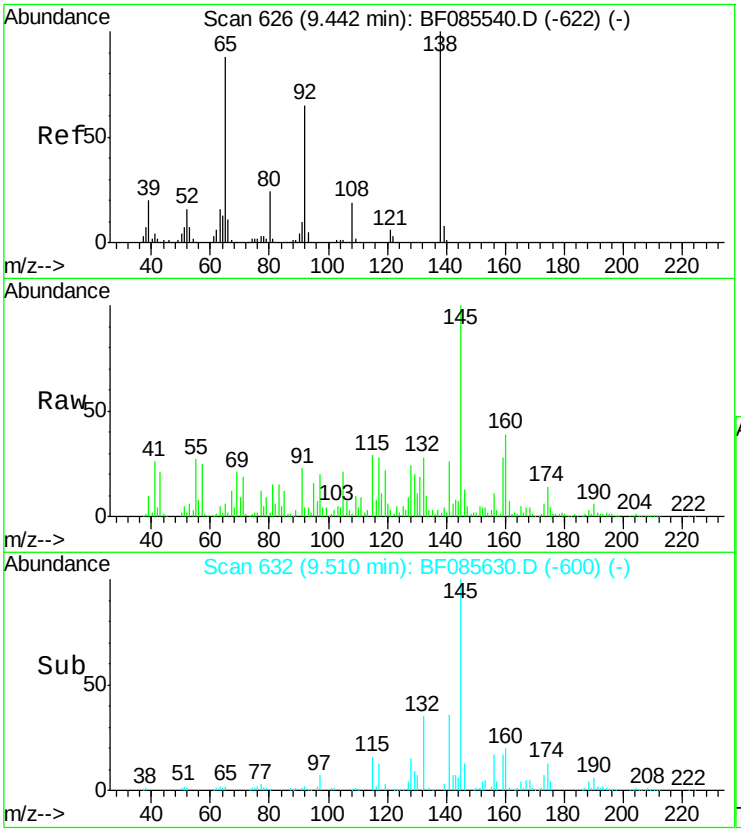


#46
2-Chloronaphthalene
Concen: 2.19 ng
RT: 9.49 min Scan# 630
Delta R.T. 0.14 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:162 Resp: 9437

Ion	Ratio	Lower	Upper
162	100		
127	986.2	31.7	47.5#
164	92.4	27.3	40.9#



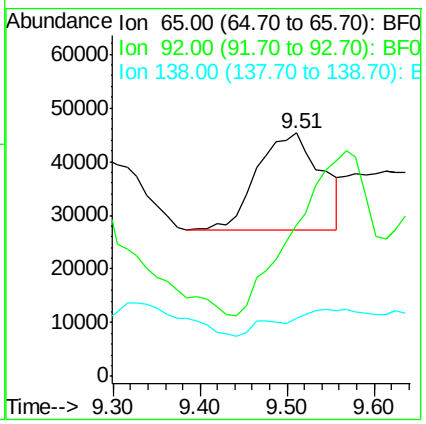


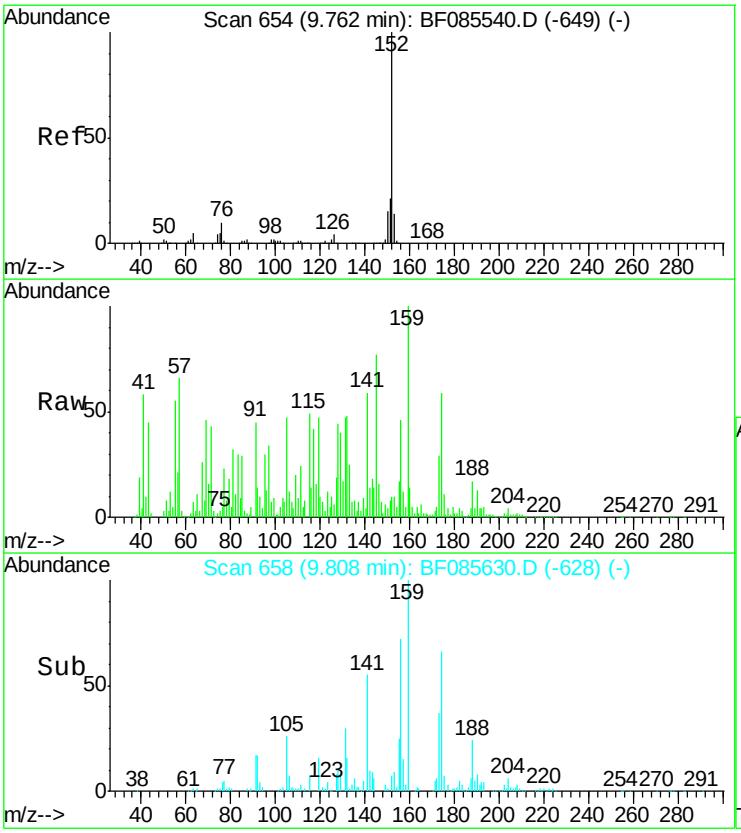
#47
2-Nitroaniline
Concen: 71.53 ng
RT: 9.51 min Scan# 632
Delta R.T. 0.07 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 65 Resp: 93093

Ion	Ratio	Lower	Upper
65	100		
92	62.2	59.7	89.5
138	24.0	91.4	137.0#

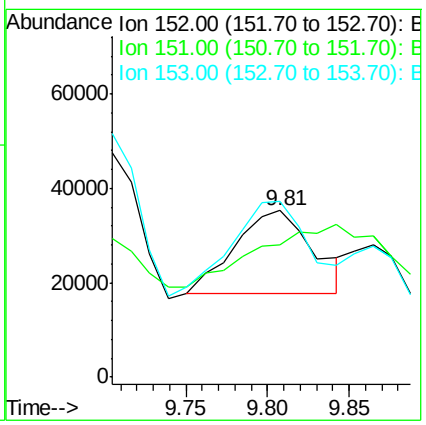


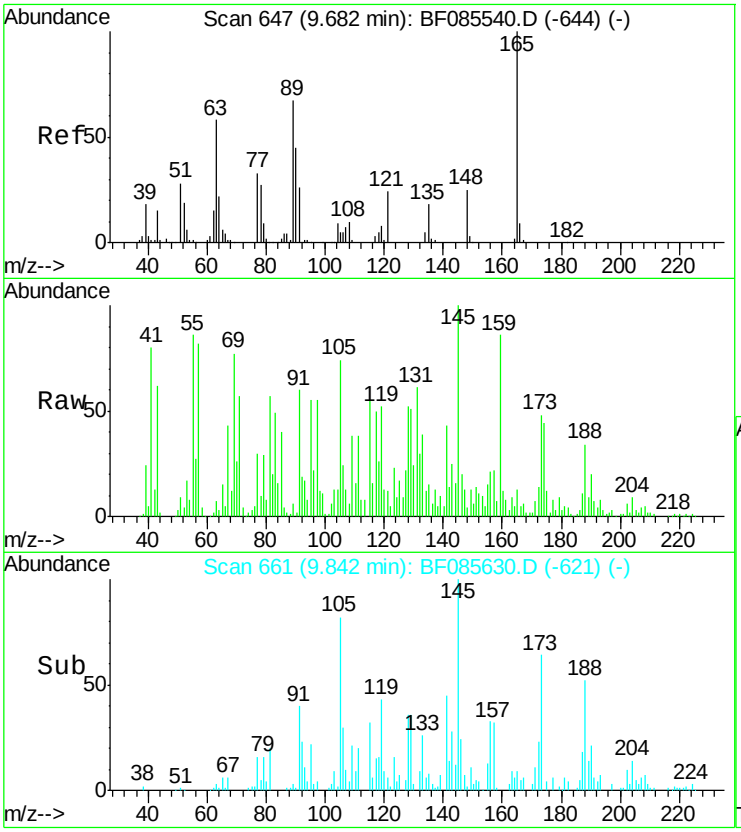


#48
Acenaphthylene
Concen: 8.38 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:152 Resp: 58322

Ion	Ratio	Lower	Upper
152	100		
151	79.6	16.8	25.2#
153	105.4	10.9	16.3#



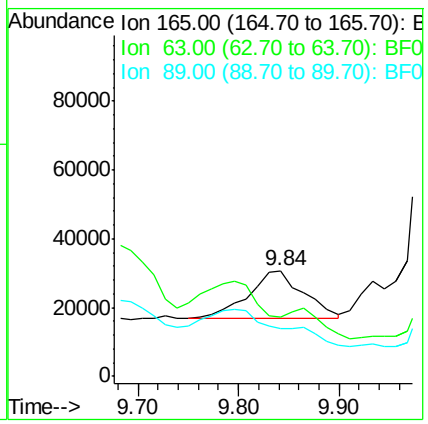


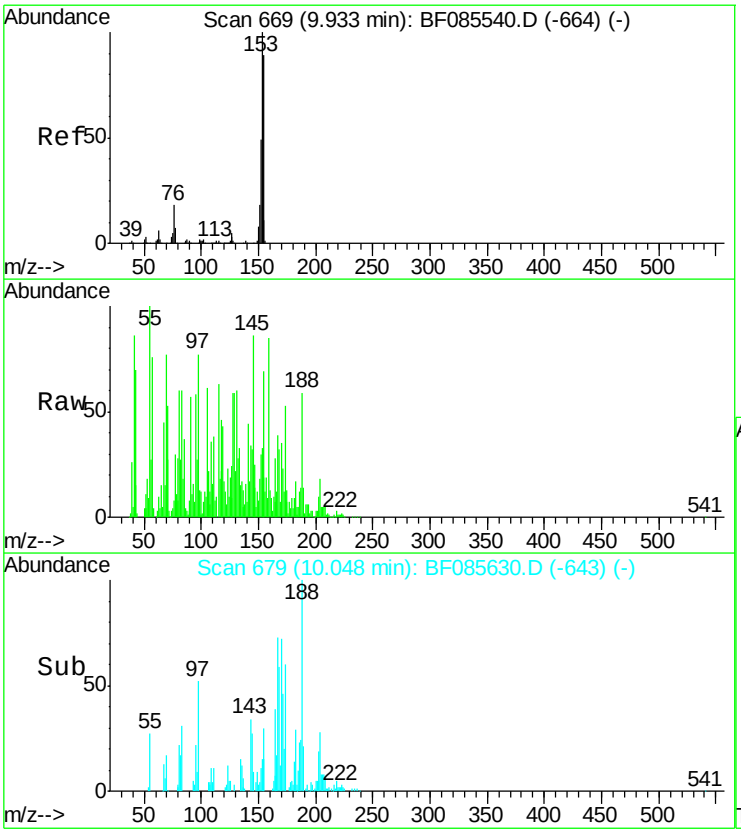
#50
2,6-Dinitrotoluene
Concen: 48.18 ng
RT: 9.84 min Scan# 661
Delta R.T. 0.16 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 52404

Ion	Ratio	Lower	Upper
165	100		
63	56.5	51.8	77.8
89	44.9	53.7	80.5#

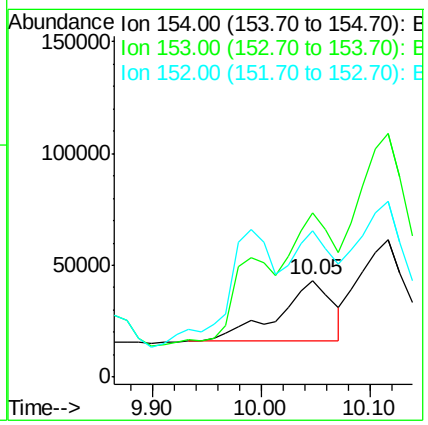


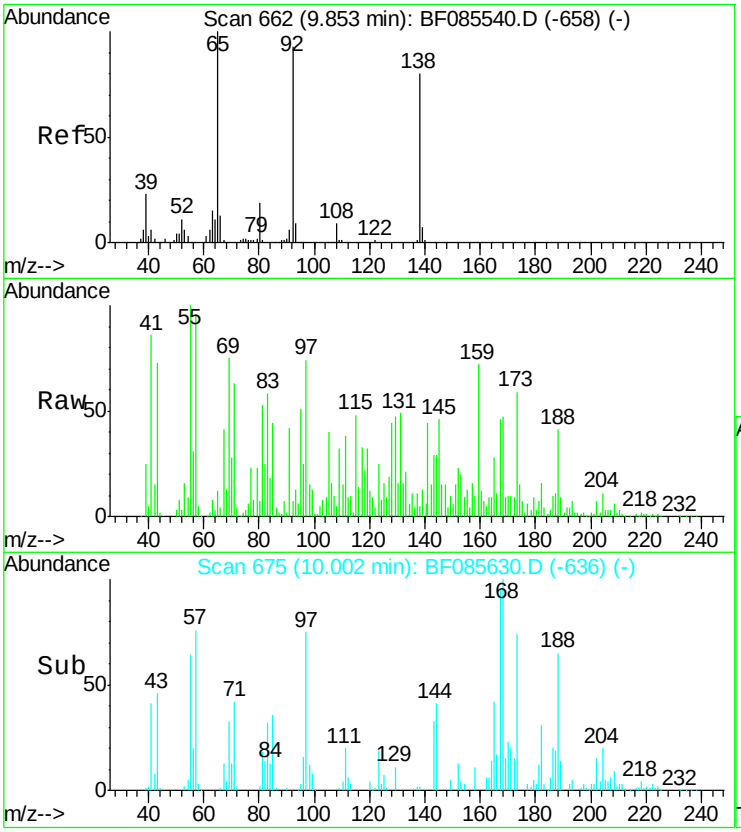


#51
Acenaphthene
Concen: 21.65 ng
RT: 10.05 min Scan# 679
Delta R.T. 0.11 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:154 Resp: 94572

Ion	Ratio	Lower	Upper
154	100		
153	170.7	90.1	135.1#
152	152.3	44.2	66.2#



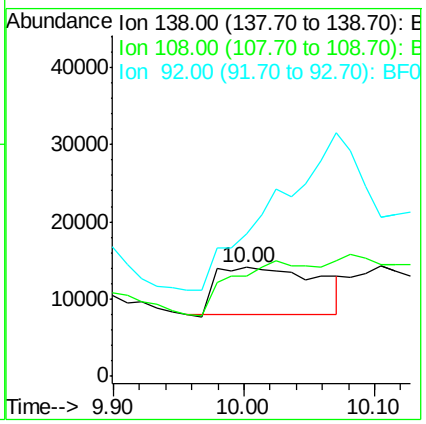


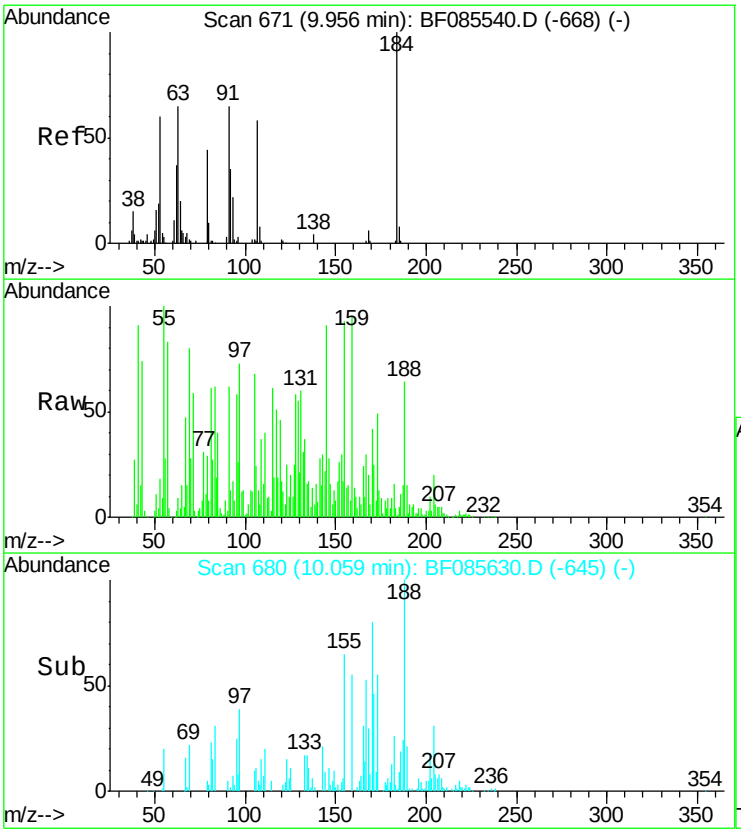
#52
3-Nitroaniline
Concen: 25.01 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.15 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:138 Resp: 34067

Ion	Ratio	Lower	Upper
138	100		
108	92.1	8.7	13.1#
92	130.6	93.3	139.9

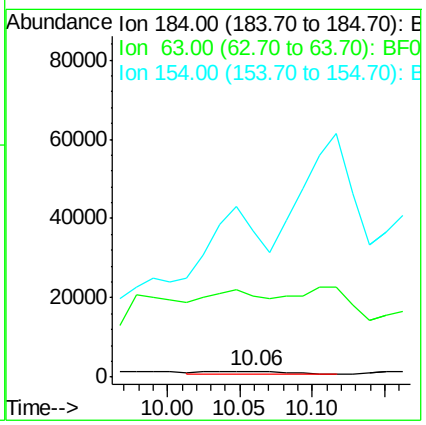


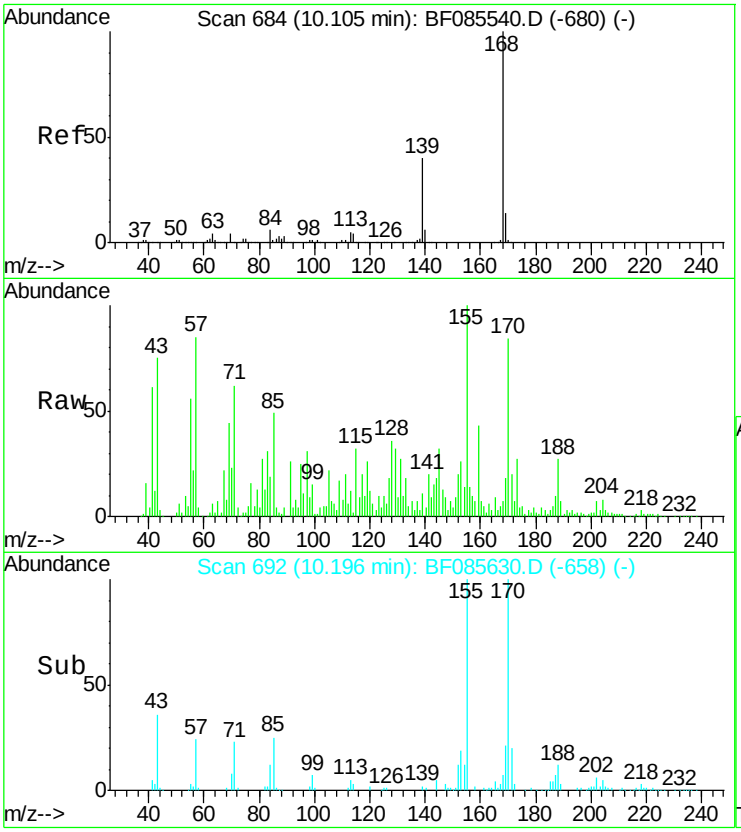


#53
2,4-Dinitrophenol
Concen: 3.67 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:184 Resp: 2443

Ion	Ratio	Lower	Upper
184	100		
63	1354.6	69.5	104.3#
154	2446.2	58.3	87.5#



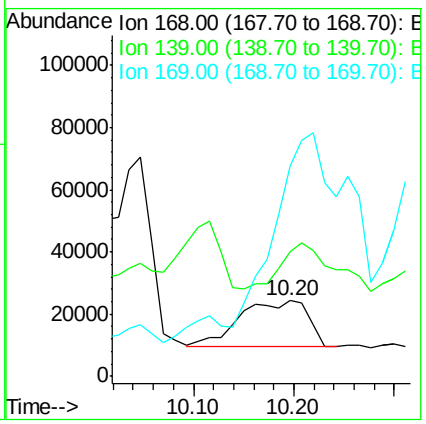


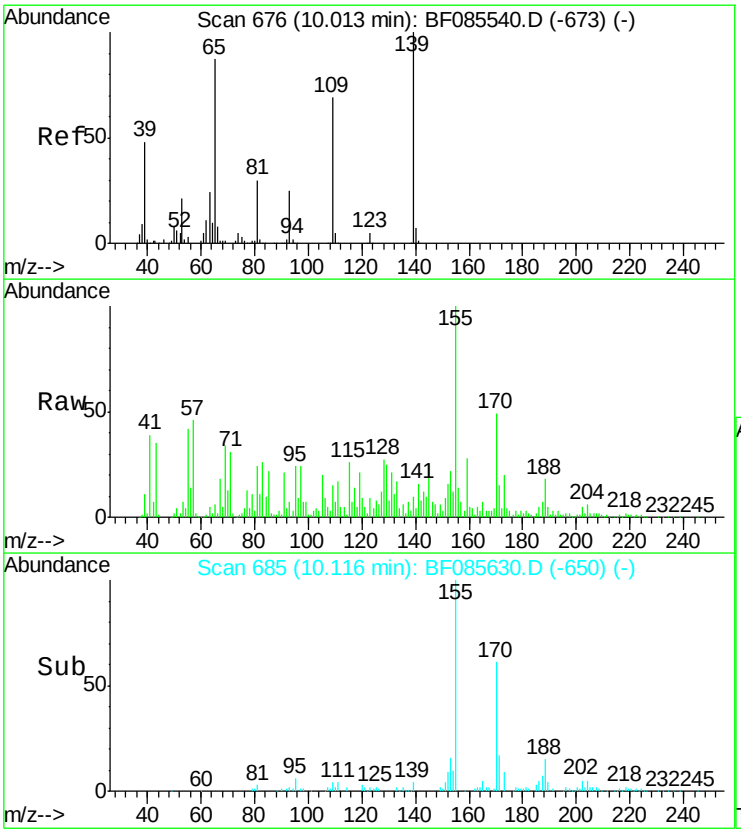
#54
Dibenzofuran
Concen: 13.27 ng
RT: 10.20 min Scan# 692
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 70612

Ion	Ratio	Lower	Upper
168	100		
139	164.2	31.9	47.9#
169	277.9	11.0	16.6#

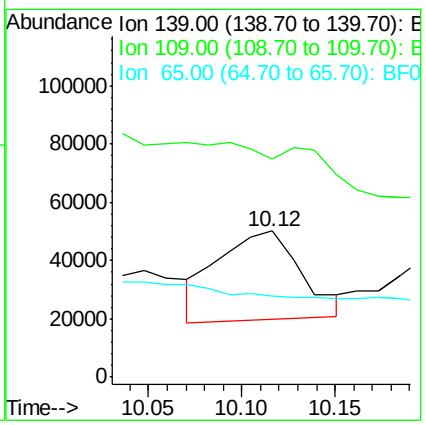


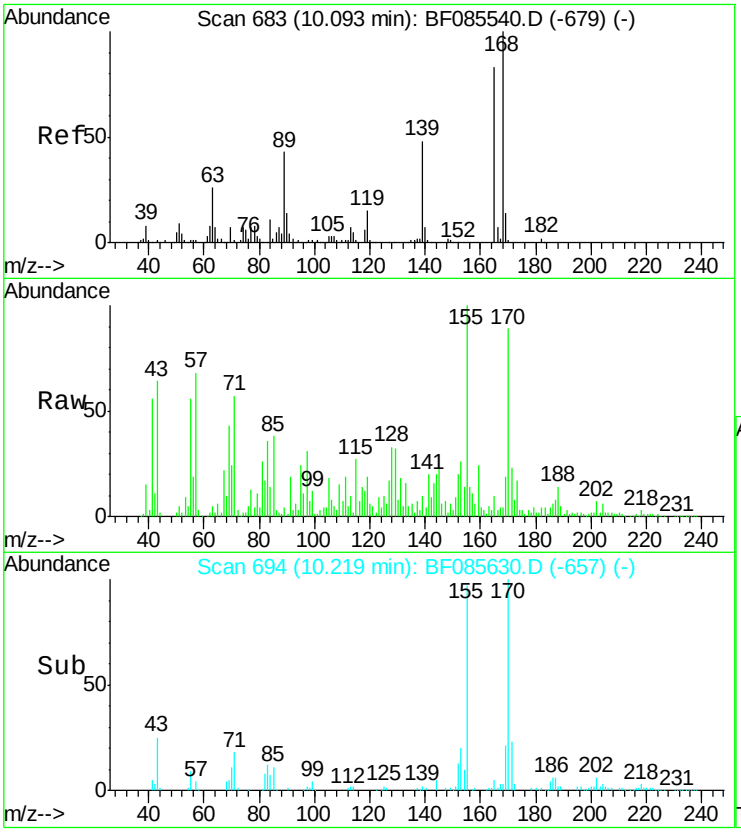


#55
4-Nitrophenol
Concen: 90.06 ng
RT: 10.12 min Scan# 685
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:139 Resp: 94813

Ion	Ratio	Lower	Upper
139	100		
109	148.9	49.2	89.2#
65	55.6	66.9	106.9#



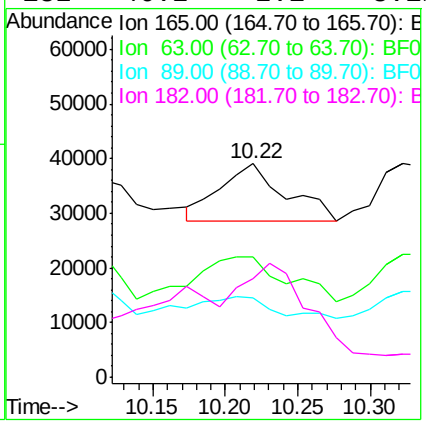


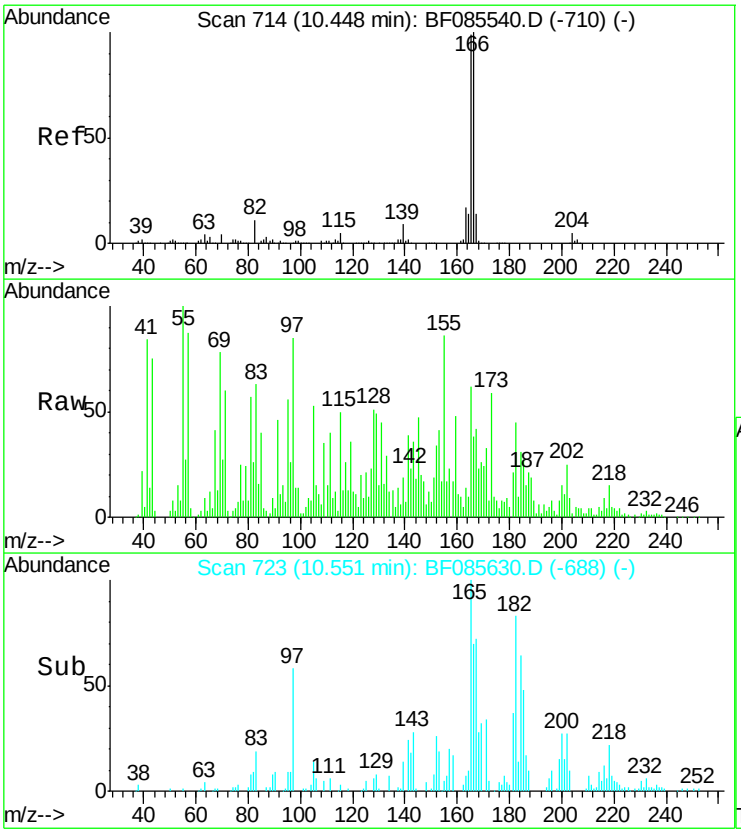
#56
2,4-Dinitrotoluene
Concen: 23.35 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.13 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:165 Resp: 33252

Ion	Ratio	Lower	Upper
165	100		
63	56.4	24.9	37.3#
89	37.3	41.0	61.6#
182	46.2	2.1	3.1#

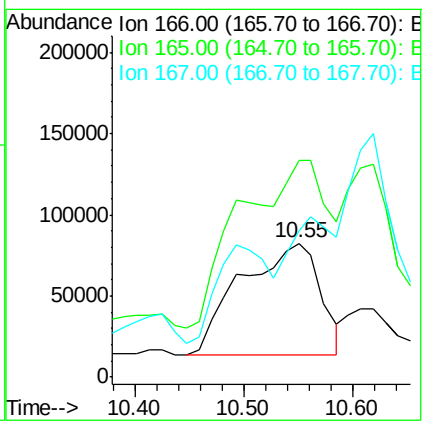


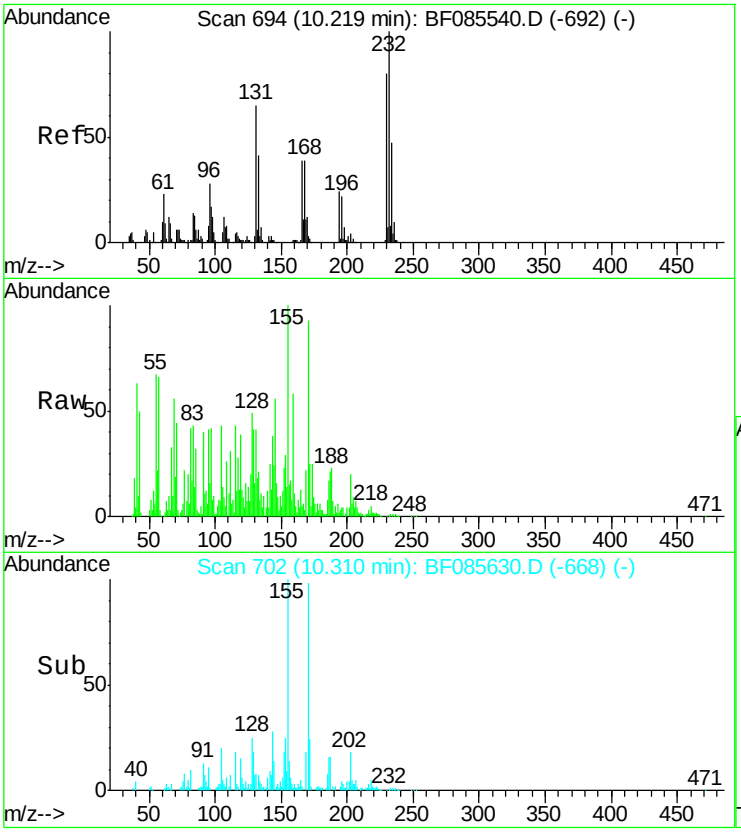


#57
Fluorene
Concen: 78.52 ng
RT: 10.55 min Scan# 723
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:166 Resp: 348178

Ion	Ratio	Lower	Upper
166	100		
165	161.2	79.4	119.0#
167	109.1	11.0	16.4#



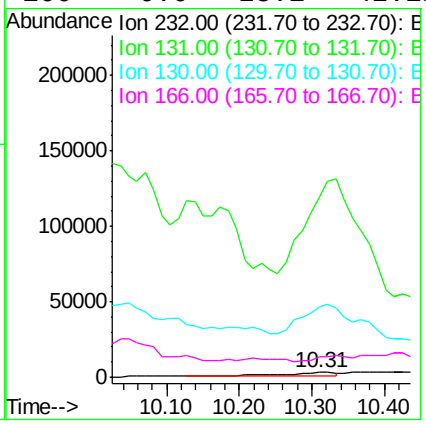


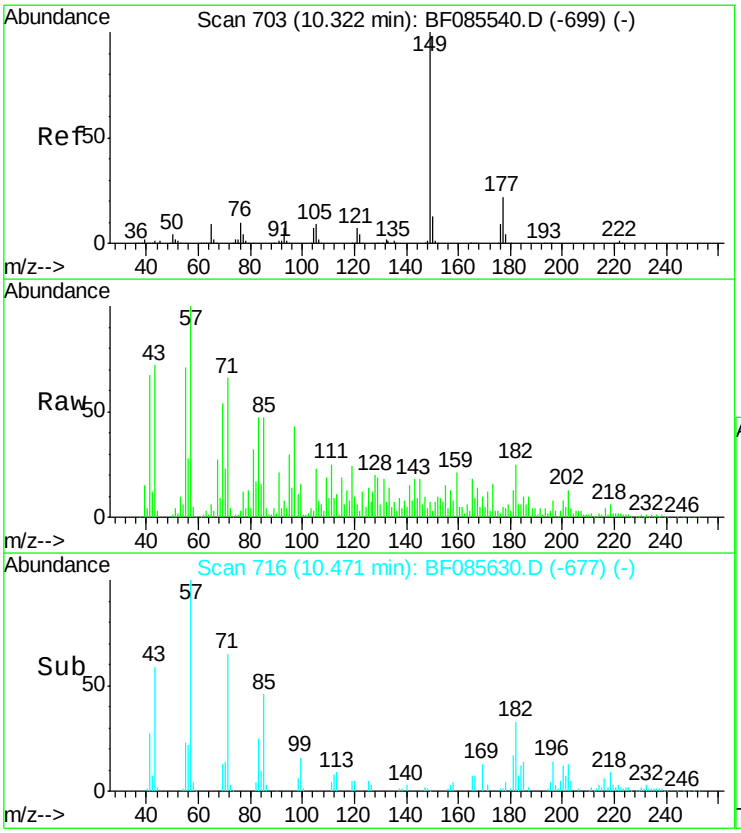
#58
2,3,4,6-Tetrachlorophenol
Concen: 11.41 ng
RT: 10.31 min Scan# 702
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:232 Resp: 11848

Ion	Ratio	Lower	Upper
232	100		
131	0.0	44.9	67.3#
130	0.0	2.3	3.5#
166	0.0	28.1	42.1#

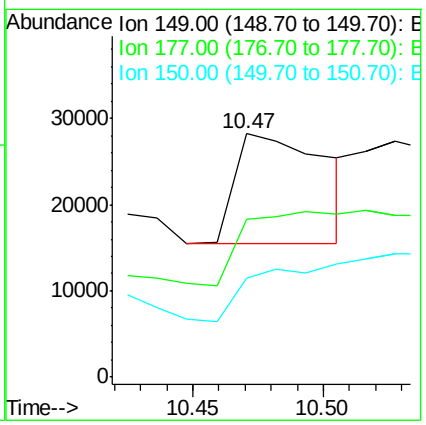


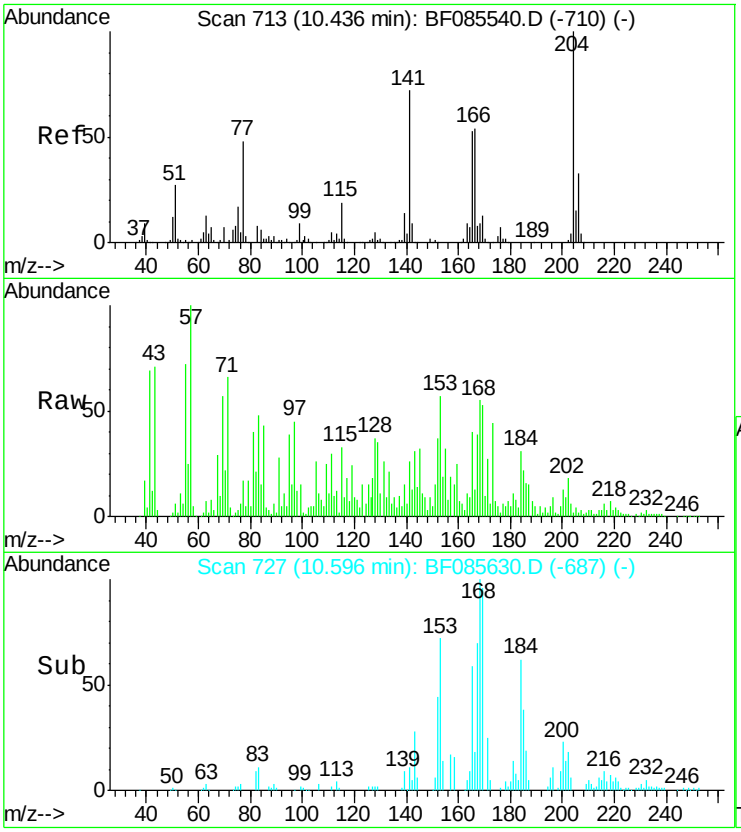


#59
Diethylphthalate
Concen: 6.01 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.15 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:149 Resp: 30762

Ion	Ratio	Lower	Upper
149	100		
177	65.0	17.9	26.9#
150	40.8	10.2	15.2#



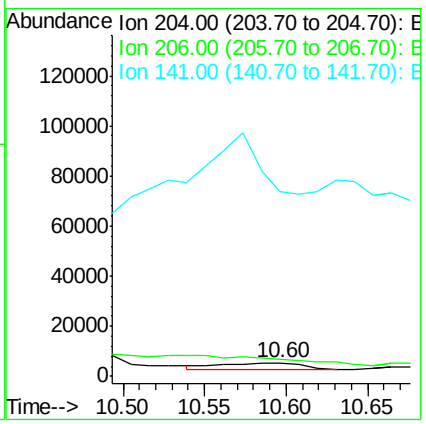


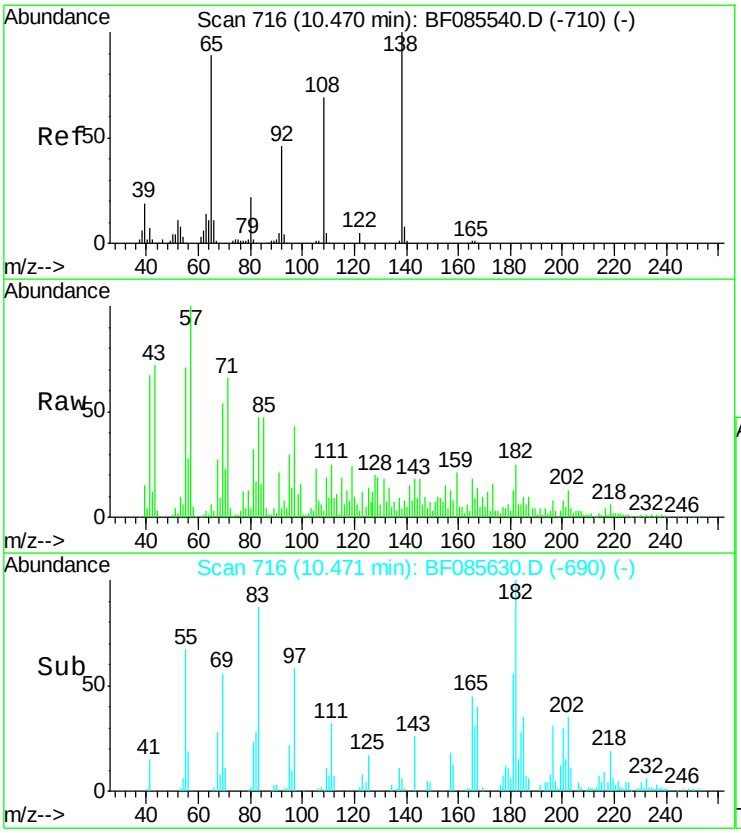
#60
4-Chlorophenyl-phenylether
Concen: 4.31 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.16 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:204 Resp: 9341

Ion	Ratio	Lower	Upper
204	100		
206	129.8	26.6	39.8#
141	1355.5	57.4	86.0#

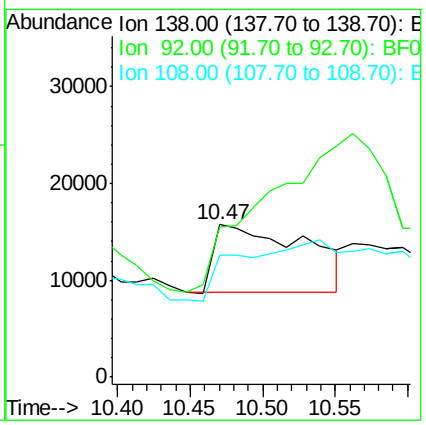


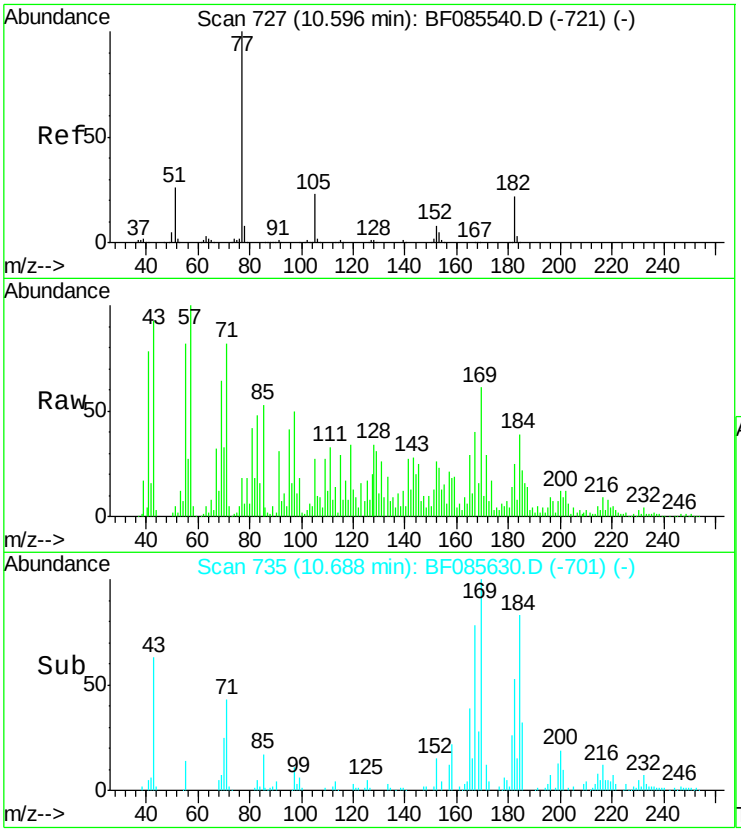


#61
4-Nitroaniline
Concen: 22.54 ng
RT: 10.47 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:138 Resp: 30266

Ion	Ratio	Lower	Upper
138	100		
92	98.8	26.4	66.4#
108	79.9	49.0	89.0



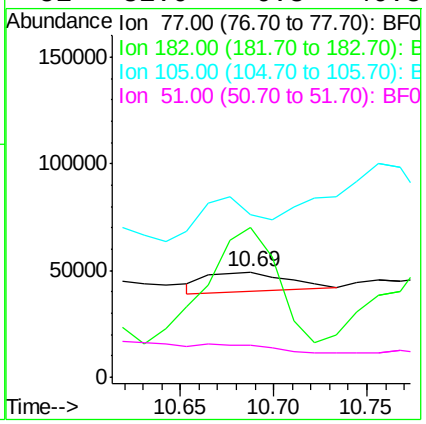


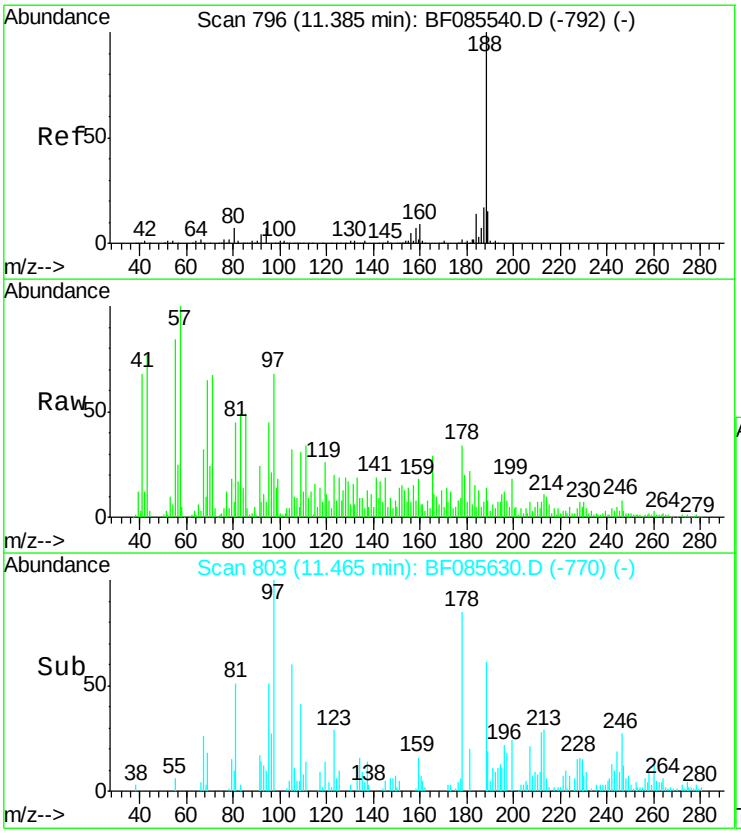
#62
Azobenzene
Concen: 5.76 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 77 Resp: 28300

Ion	Ratio	Lower	Upper
77	100		
182	142.7	1.9	41.9#
105	155.1	3.5	43.5#
51	31.0	6.3	46.3

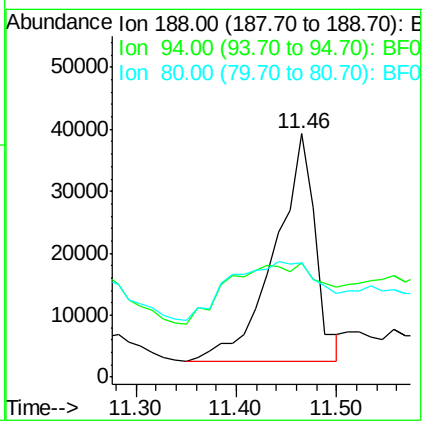


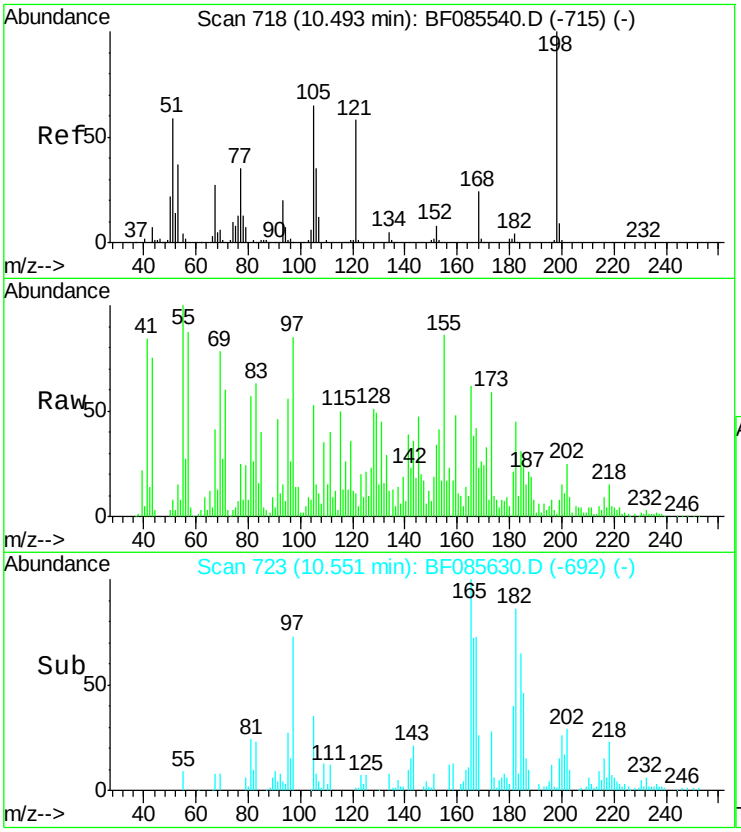


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.08 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:188 Resp: 103343

Ion	Ratio	Lower	Upper
188	100		
94	46.9	5.4	8.0#
80	47.0	5.5	8.3#



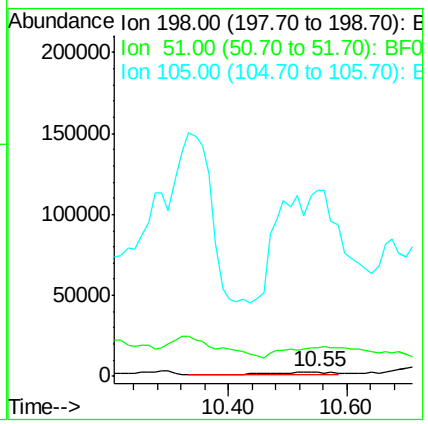


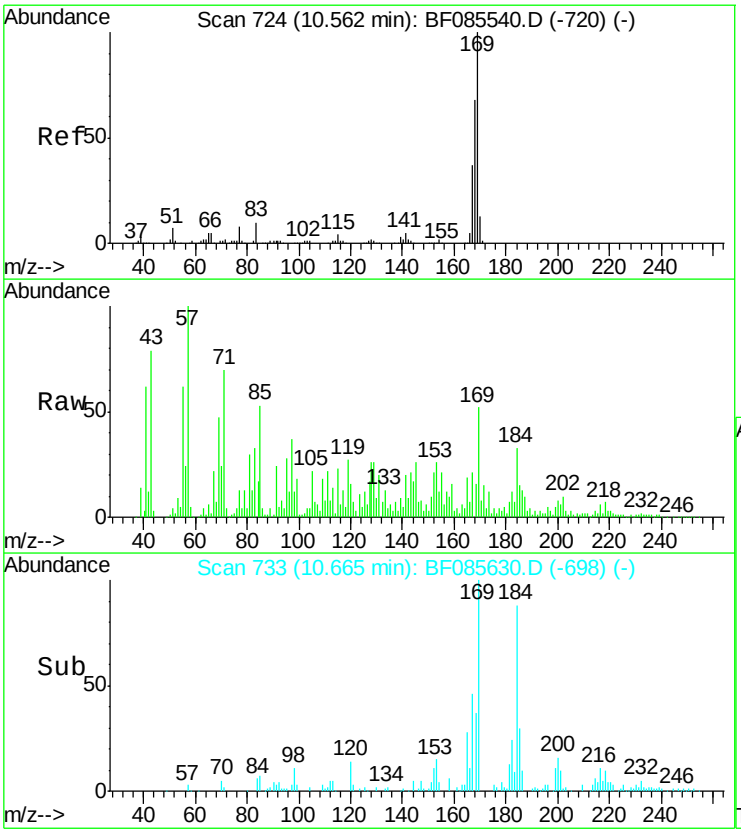
#64
4,6-Dinitro-2-methylphenol
Concen: 15.54 ng
RT: 10.55 min Scan# 723
Delta R.T. 0.06 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:198 Resp: 10274

Ion	Ratio	Lower	Upper
198	100		
51	687.7	45.4	85.4#
105	4391.6	45.9	85.9#

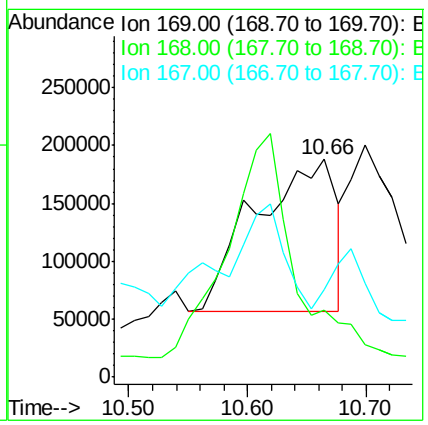


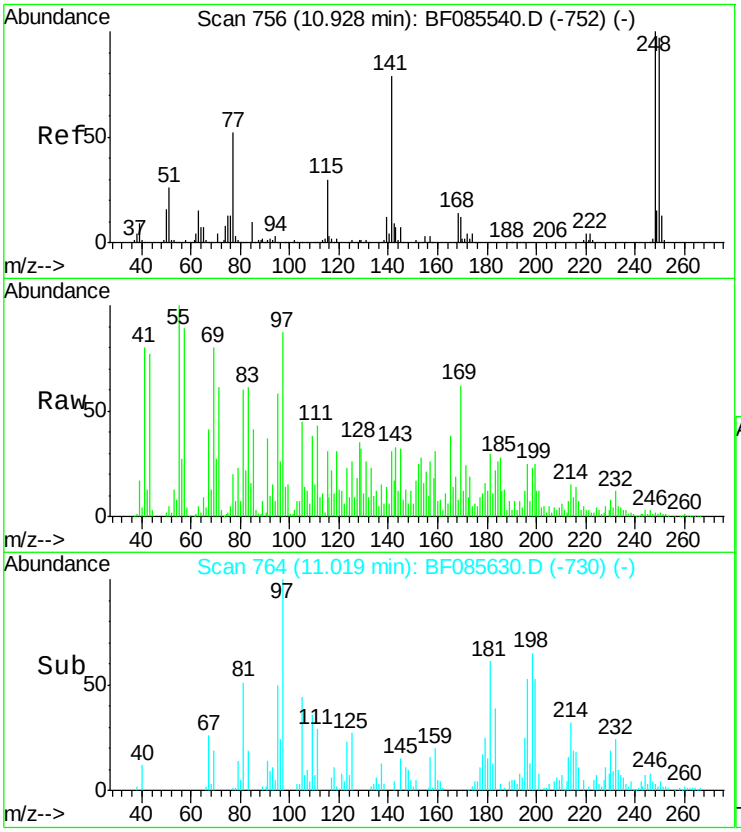


#65
n-Nitrosodiphenylamine
Concen: 194.17 ng
RT: 10.66 min Scan# 733
Delta R.T. 0.10 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:169 Resp: 625066

Ion	Ratio	Lower	Upper
169	100		
168	30.9	54.4	81.6#
167	39.9	29.4	44.0



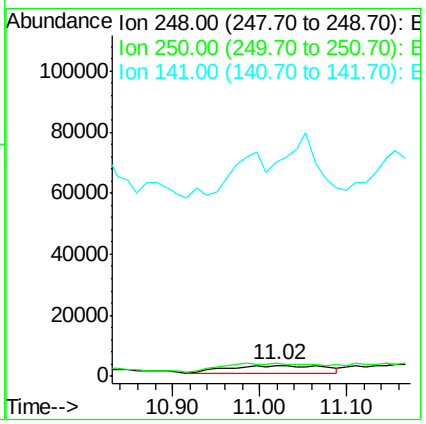


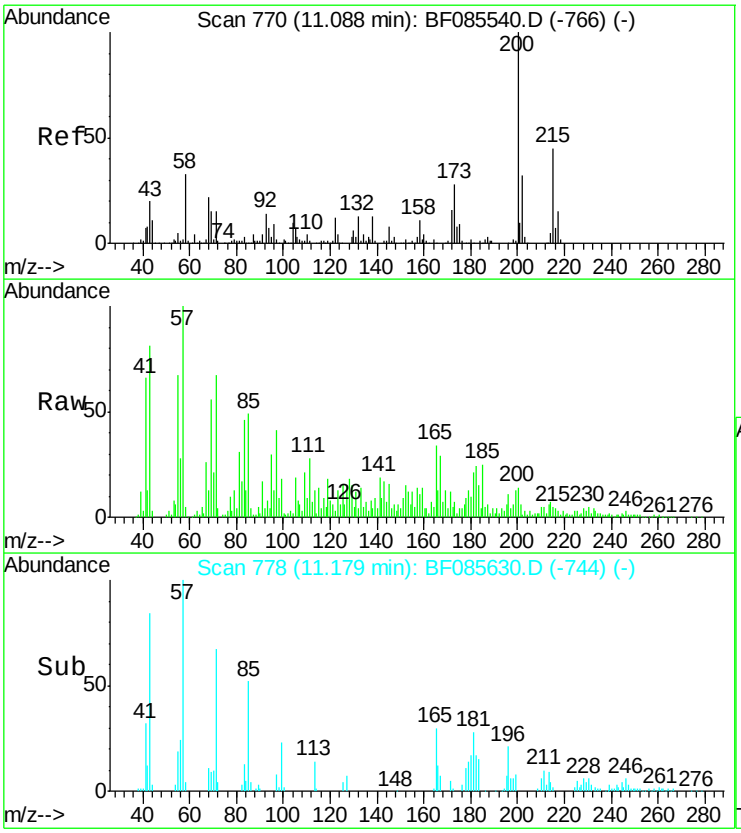
#66
4-Bromophenyl-phenylether
Concen: 17.30 ng
RT: 11.02 min Scan# 764
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:248 Resp: 17859

Ion	Ratio	Lower	Upper
248	100		
250	116.7	77.4	116.0#
141	1953.6	63.6	95.4#

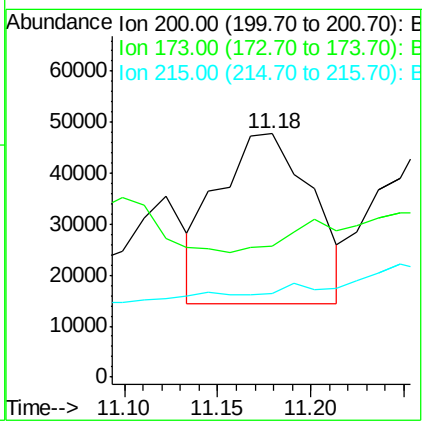


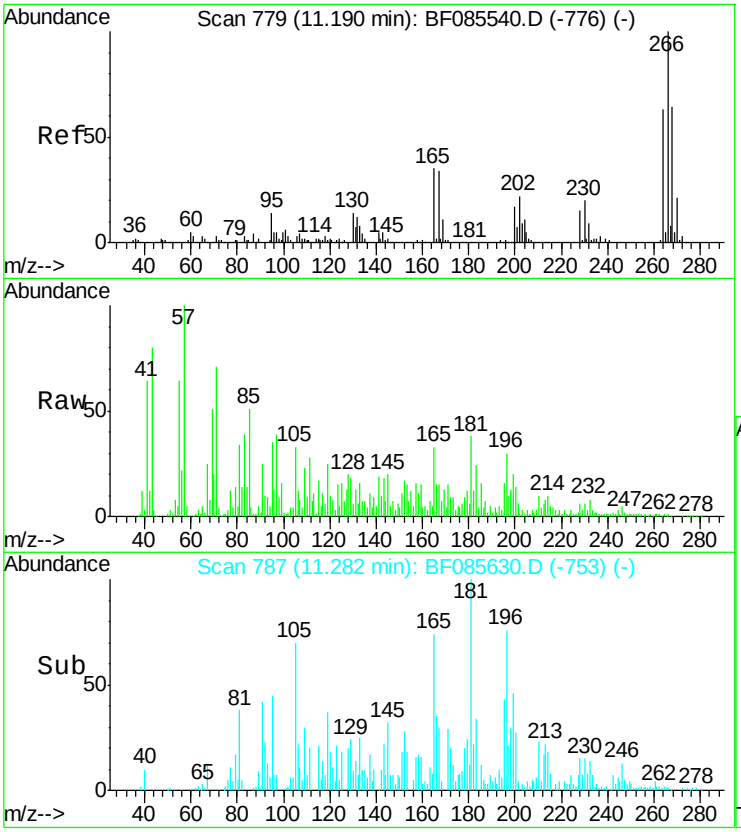


#68
Atrazine
Concen: 119.21 ng
RT: 11.18 min Scan# 778
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:200 Resp: 116838

Ion	Ratio	Lower	Upper
200	100		
173	53.7	7.7	47.7#
215	34.6	25.4	65.4



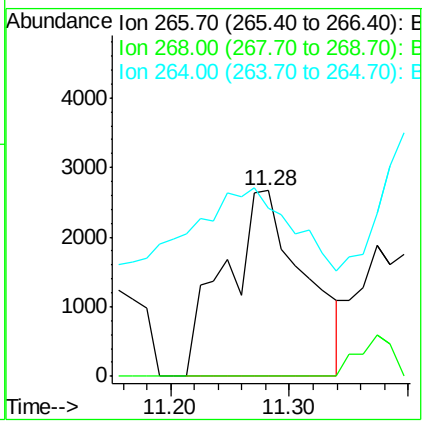


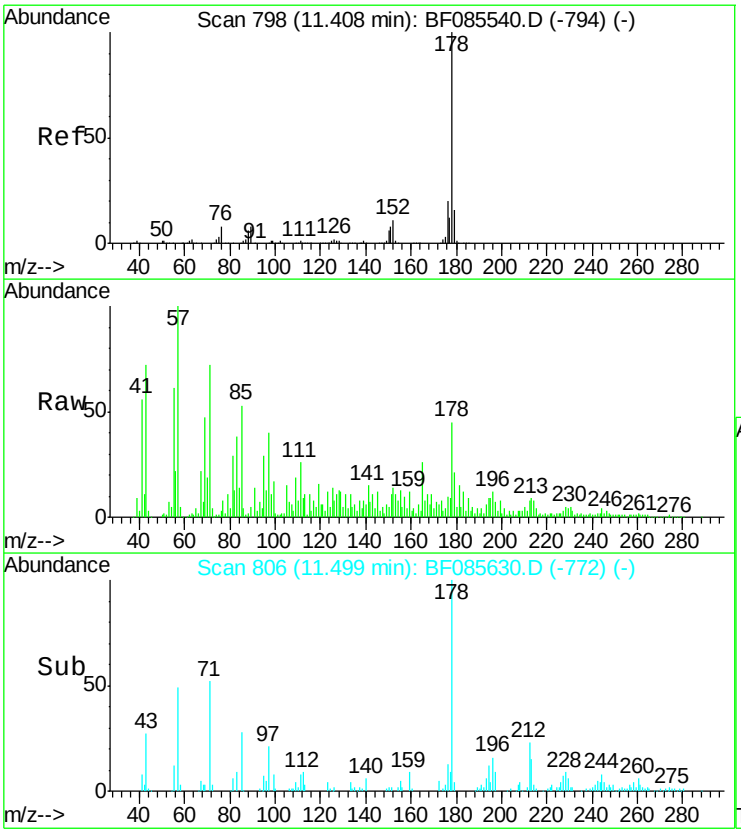
#69
Pentachlorophenol
Concen: 18.51 ng
RT: 11.28 min Scan# 787
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:266 Resp: 12325

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	90.7	50.6	76.0#

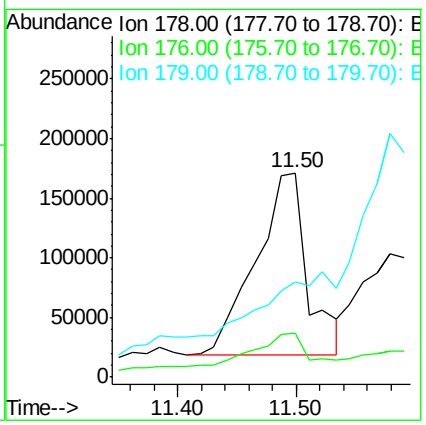


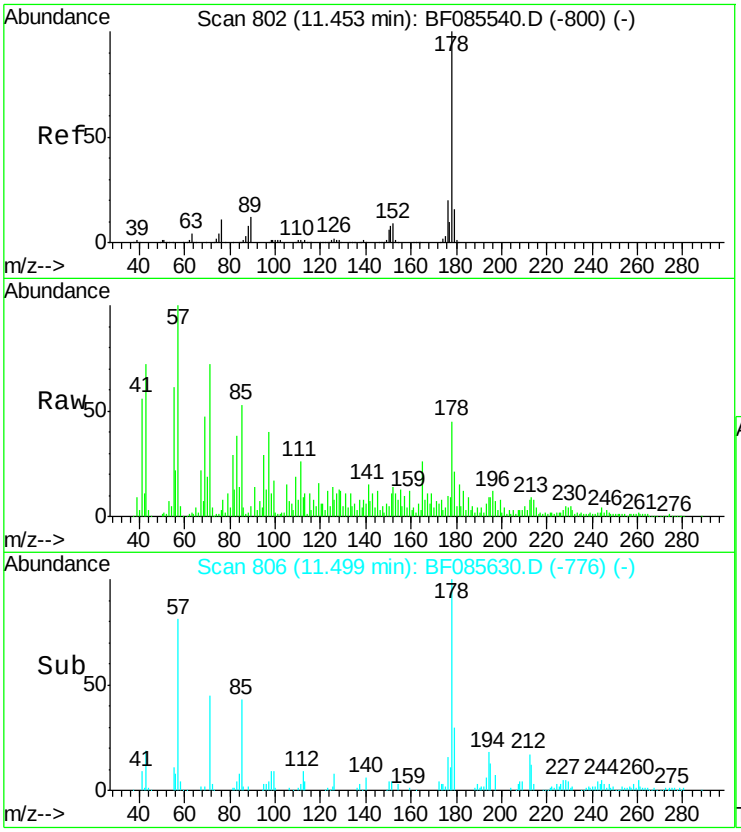


#70
Phenanthrene
Concen: 84.53 ng
RT: 11.50 min Scan# 806
Delta R.T. 0.09 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:178 Resp: 460590

Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.3	24.5
179	46.9	12.6	18.8#



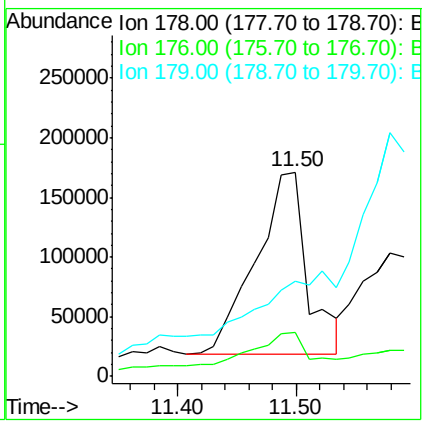


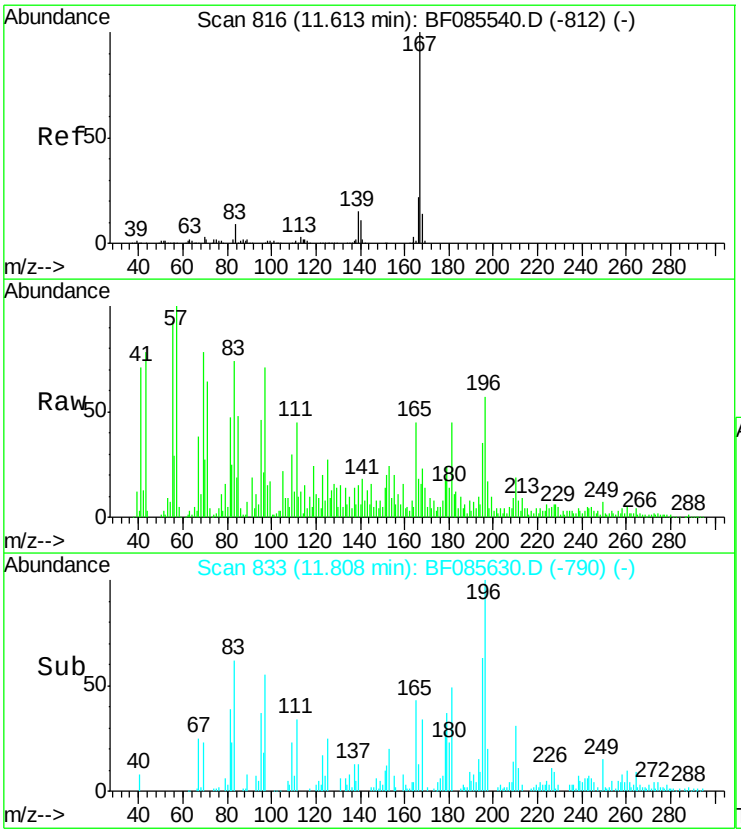
#71
Anthracene
Concen: 80.61 ng
RT: 11.50 min Scan# 806
Delta R.T. 0.05 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:178 Resp: 460590

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.9	23.9
179	46.9	13.0	19.4#

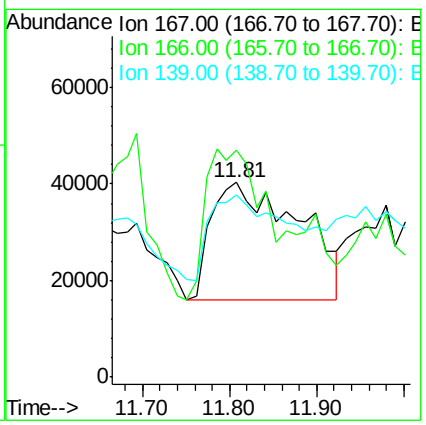


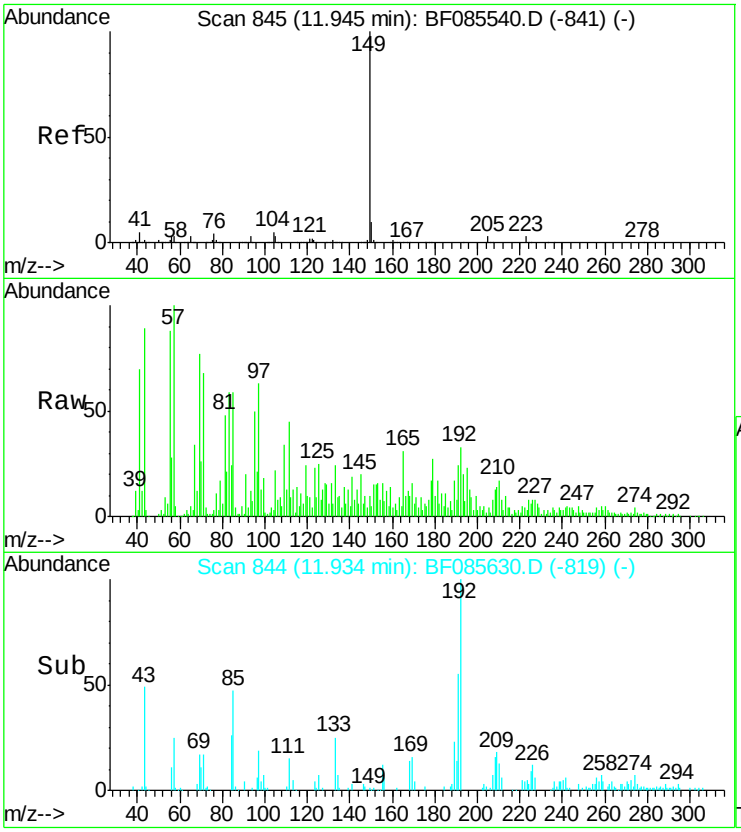


#72
Carbazole
Concen: 34.43 ng
RT: 11.81 min Scan# 833
Delta R.T. 0.19 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:167 Resp: 169709

Ion	Ratio	Lower	Upper
167	100		
166	116.7	17.8	26.8#
139	93.7	11.6	17.4#



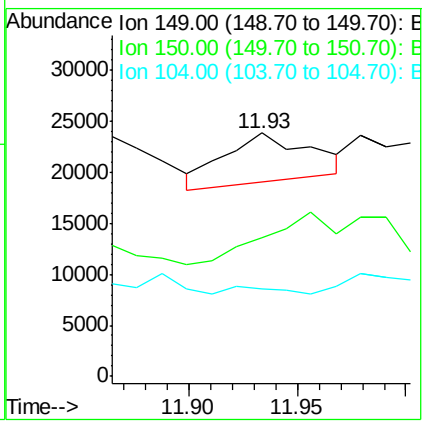


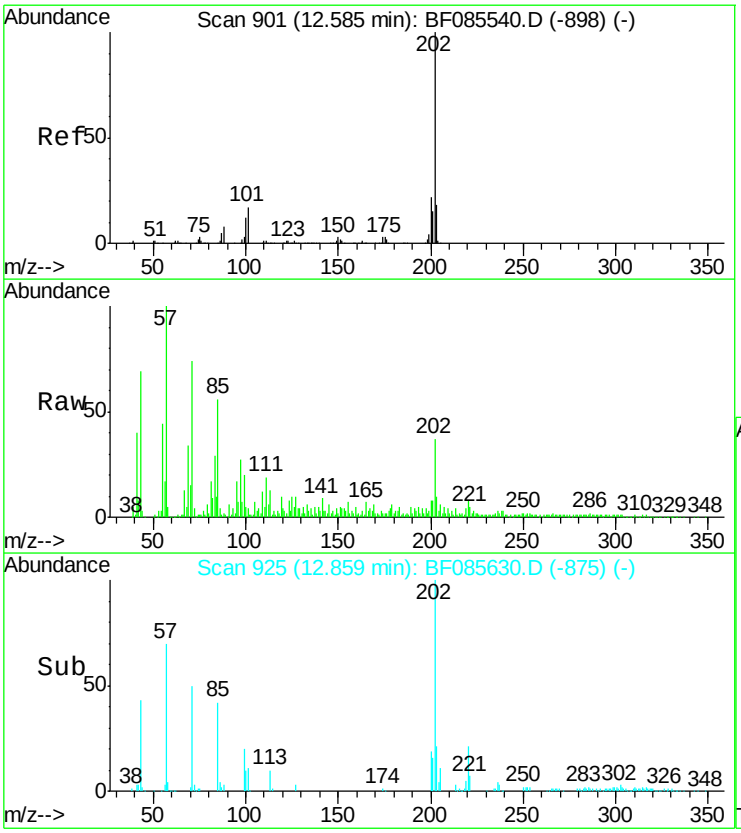
#73
Di-n-butylphthalate
Concen: 2.16 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:149 Resp: 13349

Ion	Ratio	Lower	Upper
149	100		
150	57.1	7.6	11.4#
104	36.2	3.8	5.8#

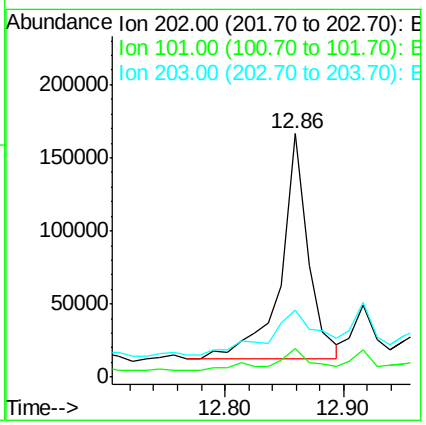


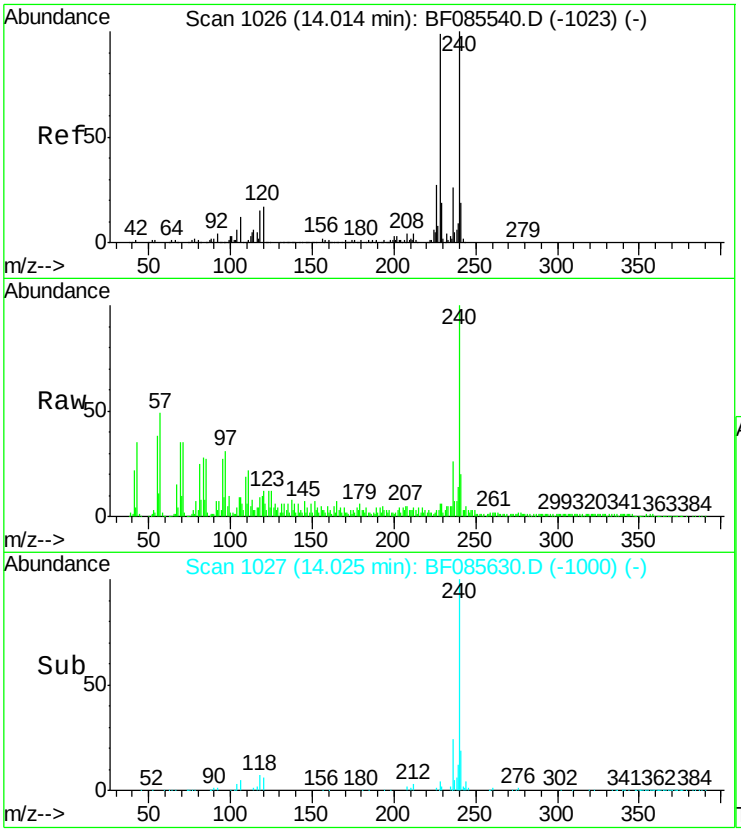


#74
Fluoranthene
Concen: 43.71 ng
RT: 12.86 min Scan# 925
Delta R.T. 0.27 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:202 Resp: 249393

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	36.6
203	27.3	0.0	38.1



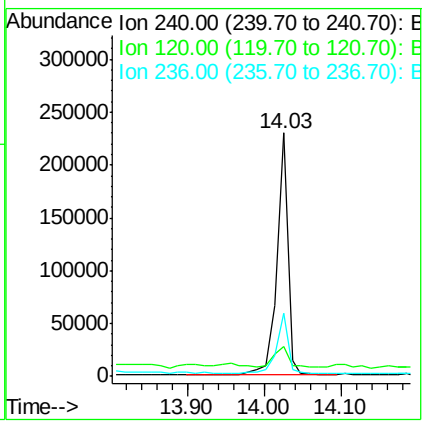


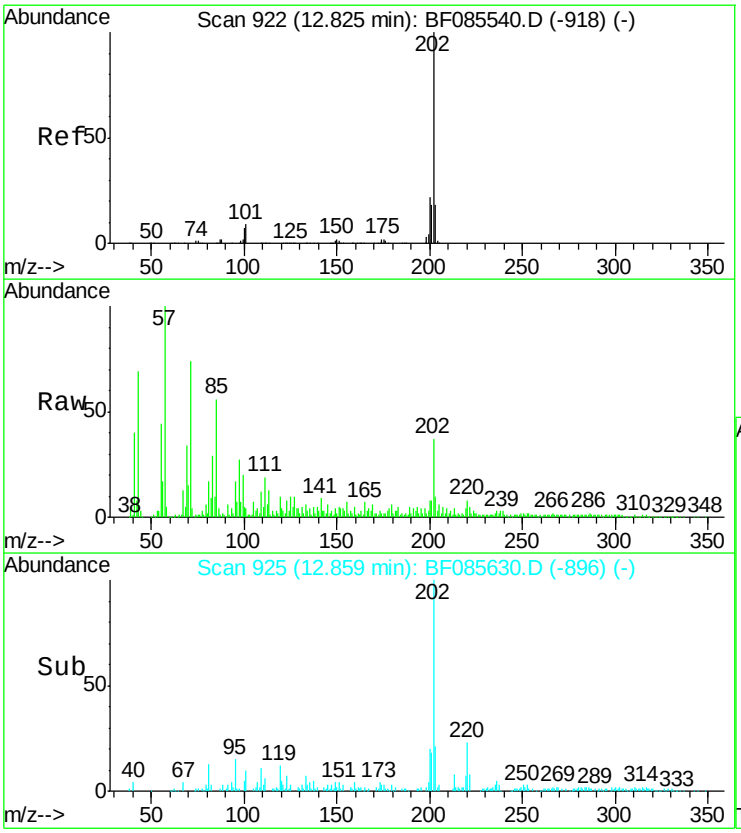
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:240 Resp: 226538

Ion	Ratio	Lower	Upper
240	100		
120	12.2	13.8	20.8#
236	26.2	20.6	30.8

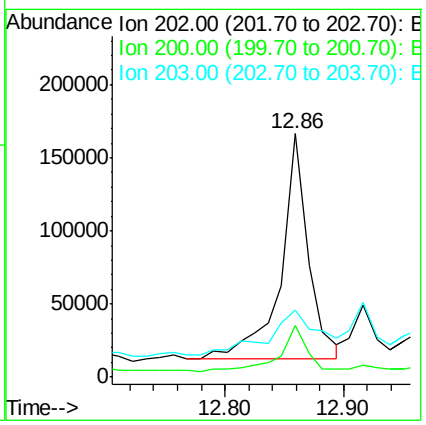


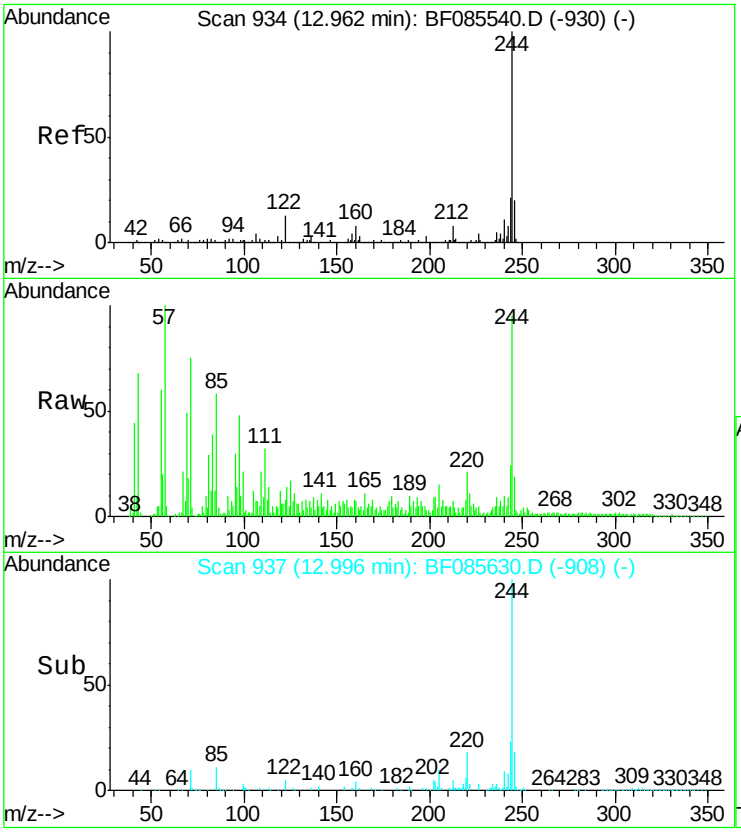


#77
Pyrene
Concen: 15.33 ng
RT: 12.86 min Scan# 925
Delta R.T. 0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:202 Resp: 249393

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	27.3	14.0	21.0#



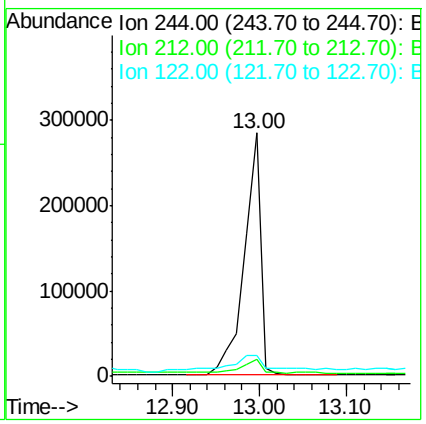


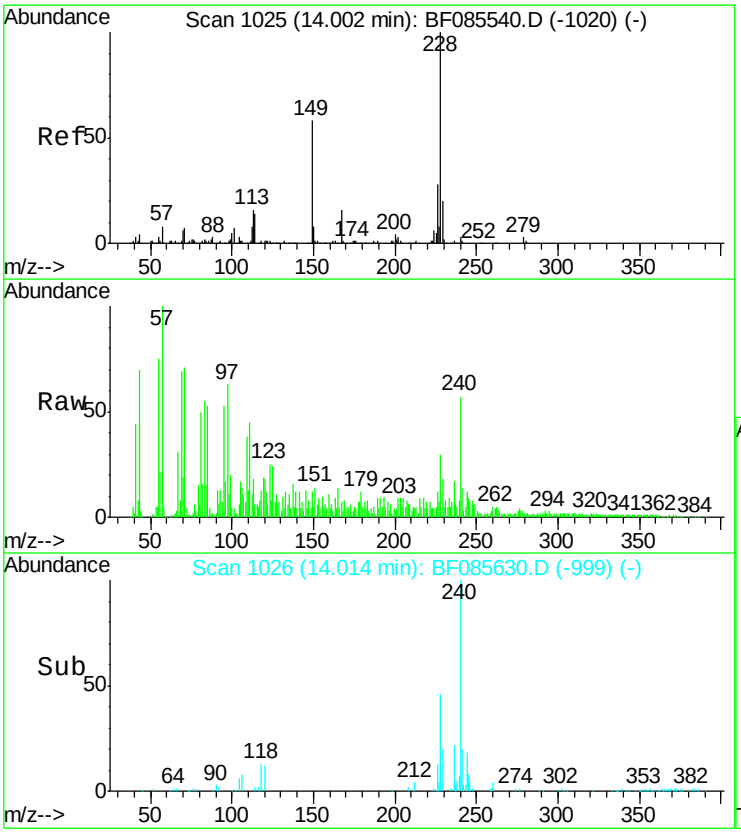
#78
Terphenyl-d14
Concen: 39.65 ng
RT: 13.00 min Scan# 937
Delta R.T. 0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:244 Resp: 373304

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	8.4	10.2	15.4#

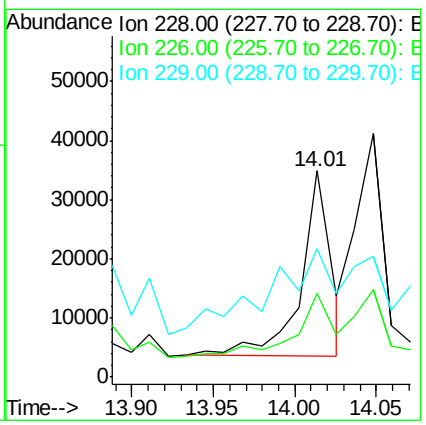


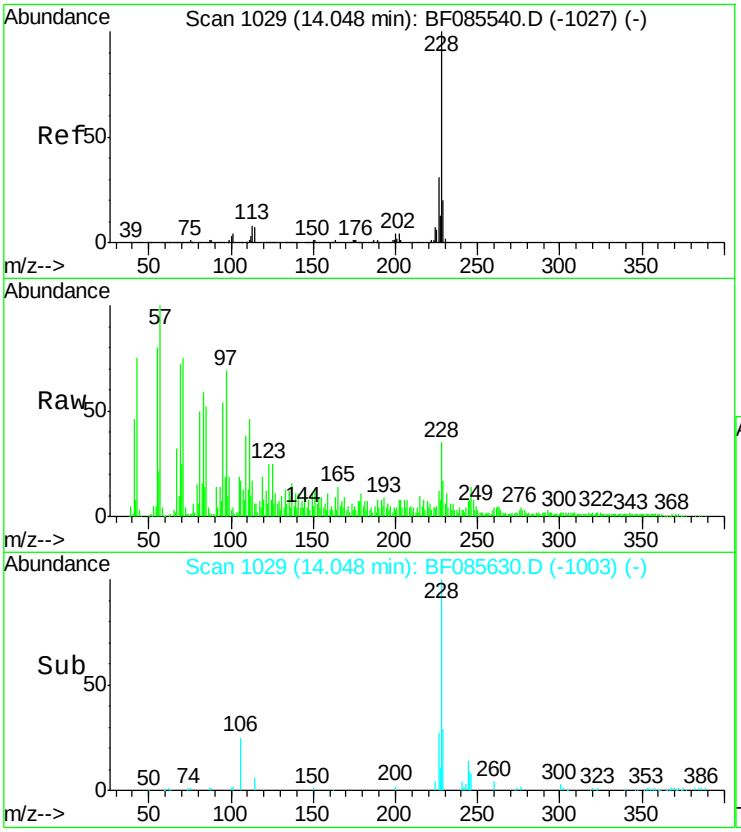


#80
Benzo(a)anthracene
Concen: 3.09 ng
RT: 14.01 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:228 Resp: 40616

Ion	Ratio	Lower	Upper
228	100		
226	40.4	22.1	33.1#
229	62.1	16.2	24.4#



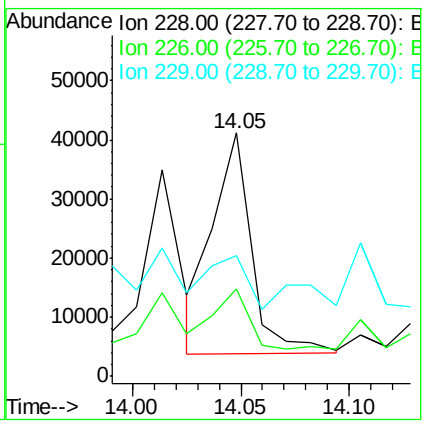


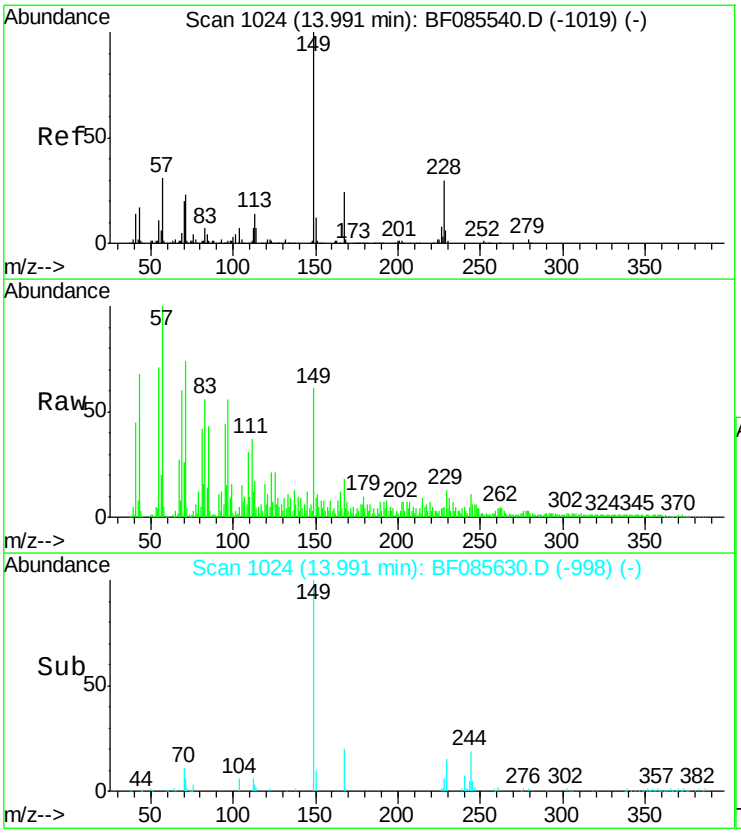
#82
Chrysene
Concen: 3.67 ng
RT: 14.05 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:228 Resp: 46496

Ion	Ratio	Lower	Upper
228	100		
226	35.7	25.0	37.6
229	49.5	15.7	23.5#

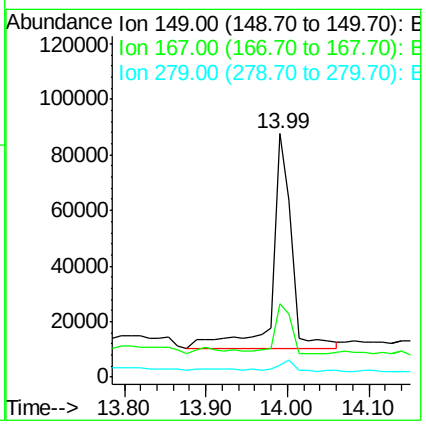


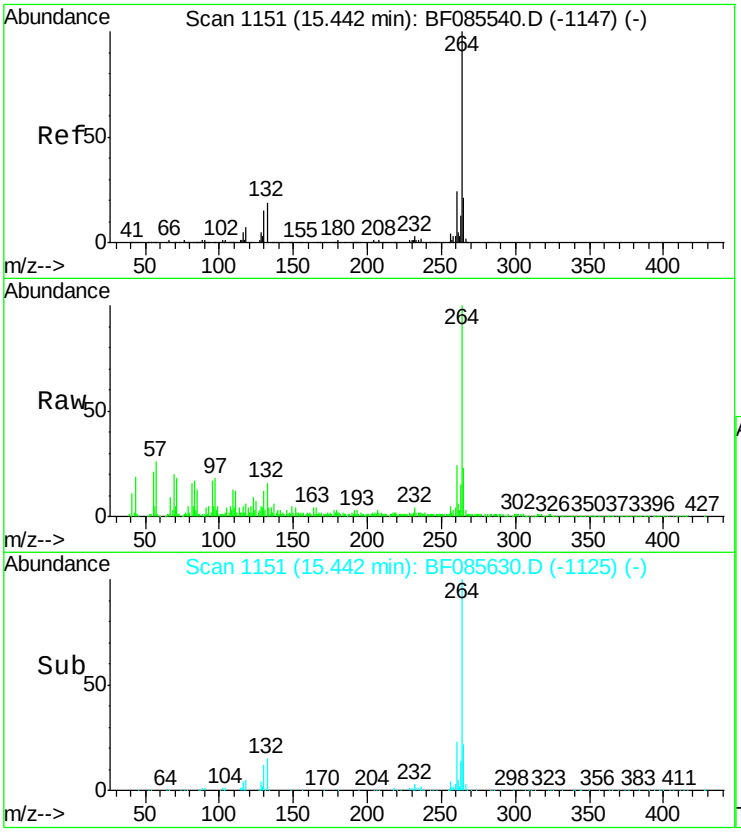


#83
Bis(2-ethylhexyl)phthalate
Concen: 13.31 ng
RT: 13.99 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:149 Resp: 128180

Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.4	29.2#
279	5.0	1.5	2.3#



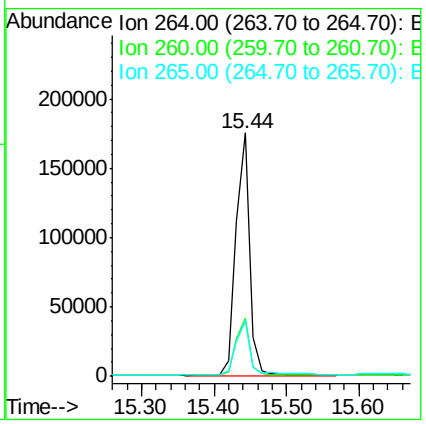


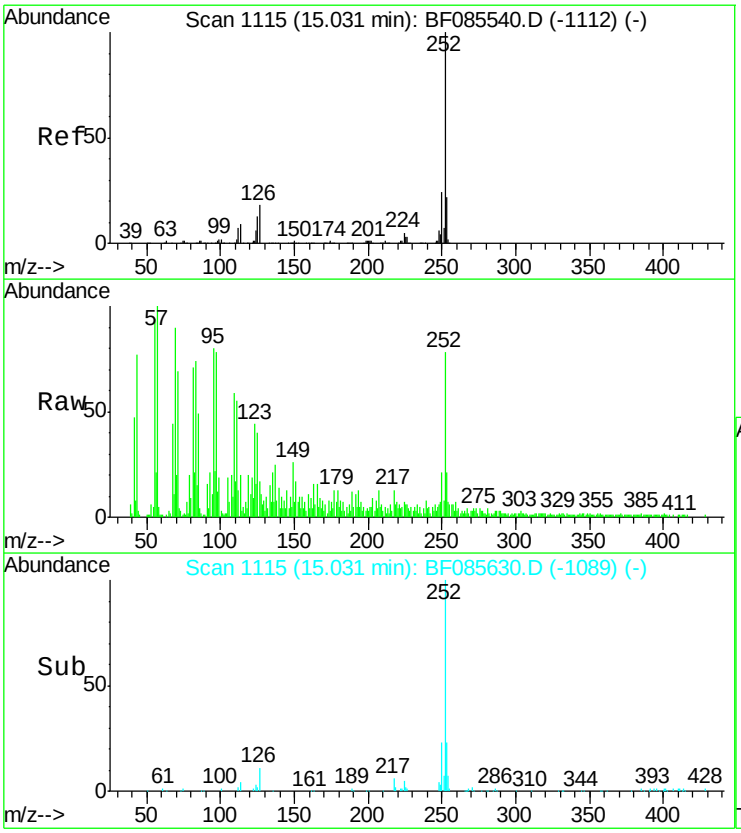
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 229197

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.6	17.2	25.8

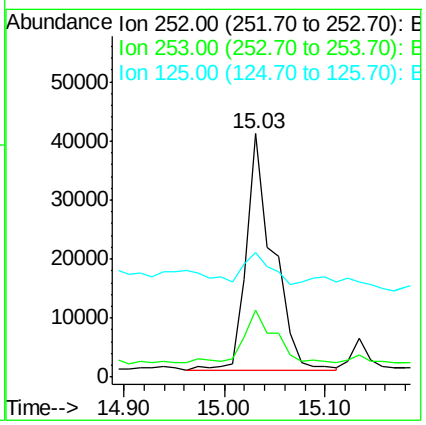


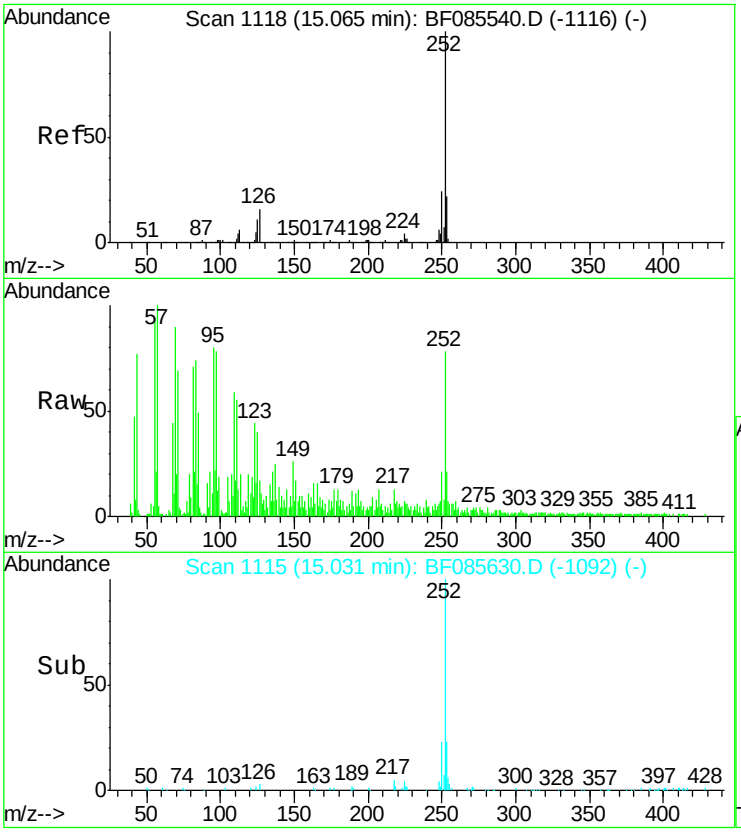


#87
Benzo(b)fluoranthene
Concen: 4.88 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:252 Resp: 72985

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.6	26.4#
125	51.3	10.3	15.5#



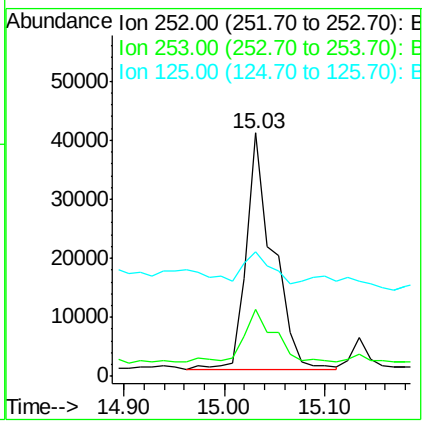


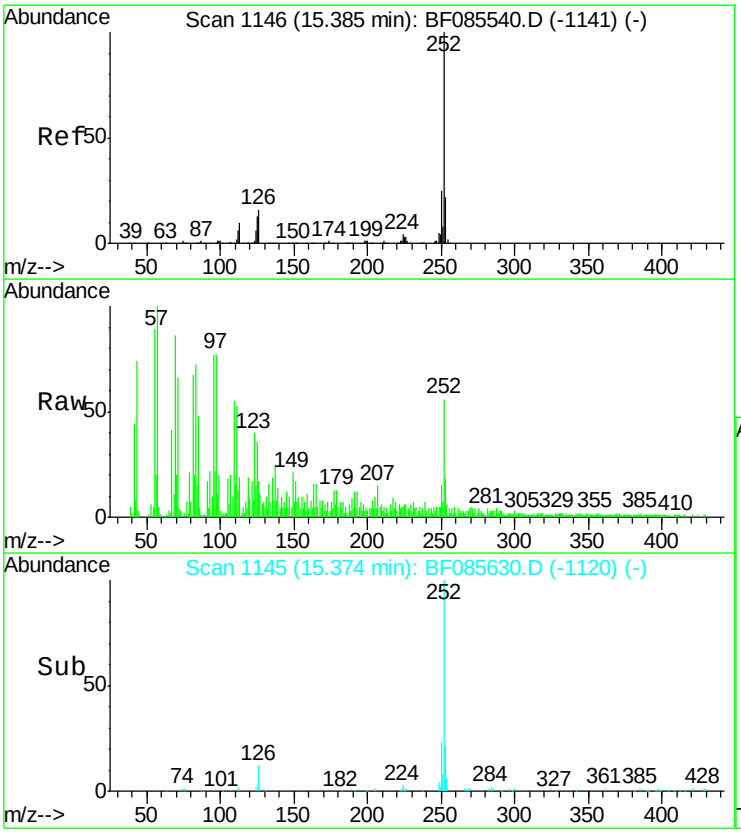
#88
Benzo(k)fluoranthene
Concen: 5.92 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 72985

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.6#
125	51.3	7.7	11.5#

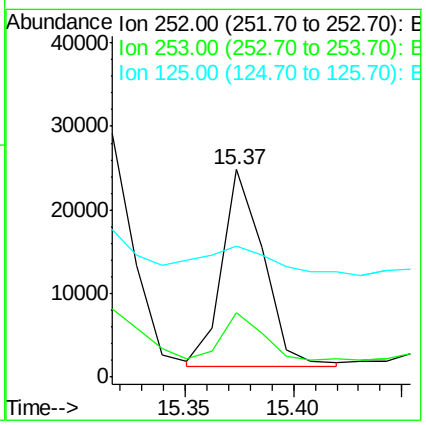


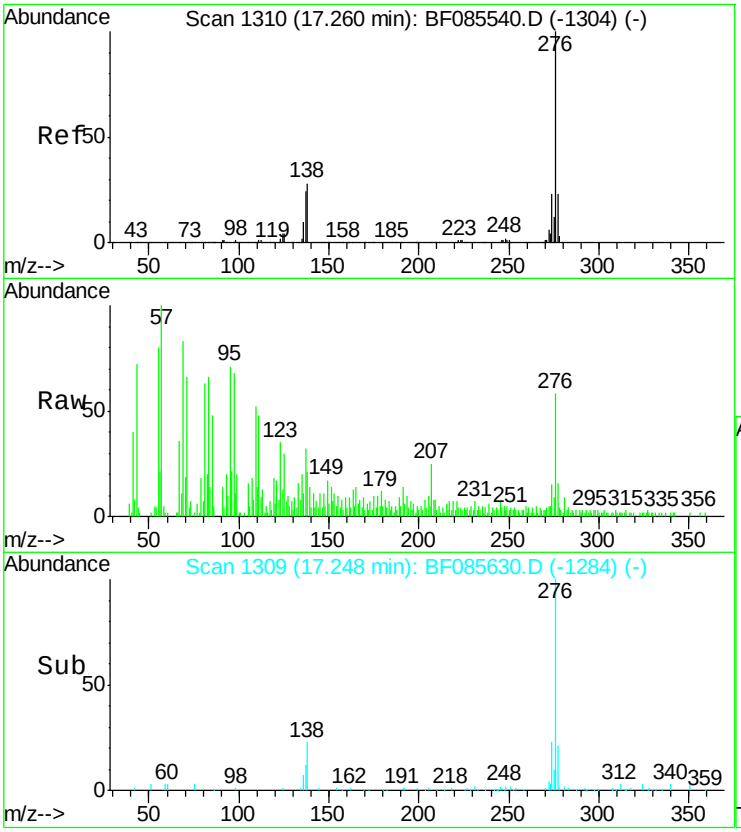


#89
Benzo(a)pyrene
Concen: 2.47 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Tgt Ion:252 Resp: 31374

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.4	26.0#
125	63.3	10.3	15.5#





#91
Benzo(g,h,i)perylene
Concen: 2.15 ng
RT: 17.25 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF085630.D
Acq: 21 Mar 2016 19:02

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:276 Resp: 21984

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.8	28.2
138	36.2	22.6	34.0#