Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085636.D
Acq On : 21 Mar 2016 21:50
Operator : UM/SJ
Sample : H1841-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM(7)MSD

Quant Time: Mar 22 00:13:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121813	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	470165	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	202602	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	309708	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	243147	20.00	ng		-0.01
86) Perylene-d12	15.42	264	237547	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	814910	112.37	ng		-0.01
7) Phenol-d6	6.48	99	1103979	118.69	ng		-0.01
23) Nitrobenzene-d5	7.41	82	708823	87.51	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	249293	125.61	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1107545	96.52	ng		-0.01
78) Terphenyl-d14	12.95	244	779007	77.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	83559	23.70	ng		98
3) Pyridine	3.18	79	254565	29.41	ng		98
4) n-Nitrosodimethylamine	3.12	42	141594	39.18	ng		97
6) Aniline	6.50	93	452146	36.19	ng	#	87
8) 2-Chlorophenol	6.63	128	359088	42.80	ng		99
9) Benzaldehyde	6.39	77	54390	9.47	ng		95
10) Phenol	6.49	94	384123	36.26	ng		84
11) bis(2-Chloroethyl)ether	6.58	93	339766	42.54	ng		99
12) 1,3-Dichlorobenzene	7.02	146	324757	35.52	ng		99
13) 1,4-Dichlorobenzene	6.86	146	335932	36.02	ng		99
14) 1,2-Dichlorobenzene	7.02	146	324989	39.25	ng		97
15) Benzyl Alcohol	6.98	79	287719	45.16	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	425337	40.50	ng		98
17) 2-Methylphenol	7.11	107	309699	44.53	ng		99
18) Hexachloroethane	7.35	117	118704	35.25	ng	#	77
19) n-Nitroso-di-n-propylamine	7.27	70	240041	43.20	ng		95
20) 3+4-Methylphenols	7.26	107	325473	40.41	ng		96
22) Acetophenone	7.26	105	437182	39.18	ng	#	98
24) Nitrobenzene	7.43	77	360043	40.61	ng		98
25) Isophorone	7.67	82	682784	42.10	ng		99
26) 2-Nitrophenol	7.75	139	201882	46.07	ng		95
27) 2,4-Dimethylphenol	7.78	122	324059	41.82	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	439705	47.67	ng		99
29) 2,4-Dichlorophenol	7.99	162	288860	45.14	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	286299	39.94	ng		98
31) Naphthalene	8.15	128	923485	38.91	ng		100
32) Benzoic acid	7.90	122	117379	18.12	ng		87
33) 4-Chloroaniline	8.21	127	358570	36.86	ng		97
34) Hexachlorobutadiene	8.28	225	150149	39.31	ng		99
35) Caprolactam	8.57	113	98806	44.88	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	305902	40.93	ng		97
37) 2-Methylnaphthalene	8.85	142	679734	46.99	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	250369	40.74	ng		99
40) Hexachlorocyclopentadiene	9.00	237	110582	39.92	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085636.D
Acq On : 21 Mar 2016 21:50
Operator : UM/SJ
Sample : H1841-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM(7)MSD

Quant Time: Mar 22 00:13:10 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)
42) 2,4,6-Trichlorophenol	9.12	196	191342	45.48	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	199718	46.65	ng	#	92
45) 1,1'-Biphenyl	9.30	154	687672	39.35	ng		98
46) 2-Chloronaphthalene	9.33	162	546455	42.80	ng	#	91
47) 2-Nitroaniline	9.43	65	195073	50.51	ng		96
48) Acenaphthylene	9.75	152	916678	44.37	ng		99
49) Dimethylphthalate	9.61	163	946925	61.94	ng		100
50) 2,6-Dinitrotoluene	9.67	165	139921	43.35	ng		95
51) Acenaphthene	9.92	154	590623	45.55	ng		99
52) 3-Nitroaniline	9.84	138	162886	40.29	ng		91
53) 2,4-Dinitrophenol	9.94	184	65769	33.26	ng		100
54) Dibenzofuran	10.09	168	789040	49.97	ng		97
55) 4-Nitrophenol	10.00	139	222675	71.27	ng		89
56) 2,4-Dinitrotoluene	10.08	165	188741	44.66	ng		96
57) Fluorene	10.44	166	569029	43.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	142600	46.26	ng		99
59) Diethylphthalate	10.31	149	720969	47.43	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	287915	44.81	ng		93
61) 4-Nitroaniline	10.45	138	144331	36.22	ng		87
62) Azobenzene	10.58	77	693662	47.56	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	58639	29.59	ng		91
65) n-Nitrosodiphenylamine	10.54	169	501704	52.00	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	170464	55.10	ng	#	89
67) Hexachlorobenzene	10.98	284	166466	50.64	ng	#	89
68) Atrazine	11.08	200	168492	57.36	ng		96
69) Pentachlorophenol	11.18	266	169989	85.18	ng		98
70) Phenanthrene	11.38	178	763684	46.77	ng		99
71) Anthracene	11.44	178	767697	44.84	ng		99
72) Carbazole	11.60	167	716026	48.47	ng		97
73) Di-n-butylphthalate	11.93	149	930637	50.31	ng		98
74) Fluoranthene	12.57	202	657941	38.48	ng		97
76) Benzidine	12.70	184	460273	56.29	ng		98
77) Pyrene	12.80	202	680064	38.95	ng		99
79) Butylbenzylphthalate	13.42	149	315363	37.90	ng	#	76
80) Benzo(a)anthracene	13.99	228	618757	43.84	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	184964	35.76	ng	#	97
82) Chrysene	14.03	228	499959	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	420384	40.66	ng	#	99
84) Di-n-octyl phthalate	14.60	149	772925	45.88	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	630419	55.56	ng		99
87) Benzo(b)fluoranthene	15.02	252	1214595	78.36	ng	#	97
88) Benzo(k)fluoranthene	15.02	252	1215232	95.16	ng		99
89) Benzo(a)pyrene	15.36	252	602037	45.82	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	541999	49.45	ng		98
91) Benzo(g,h,i)perylene	17.24	276	497891	46.93	ng		97

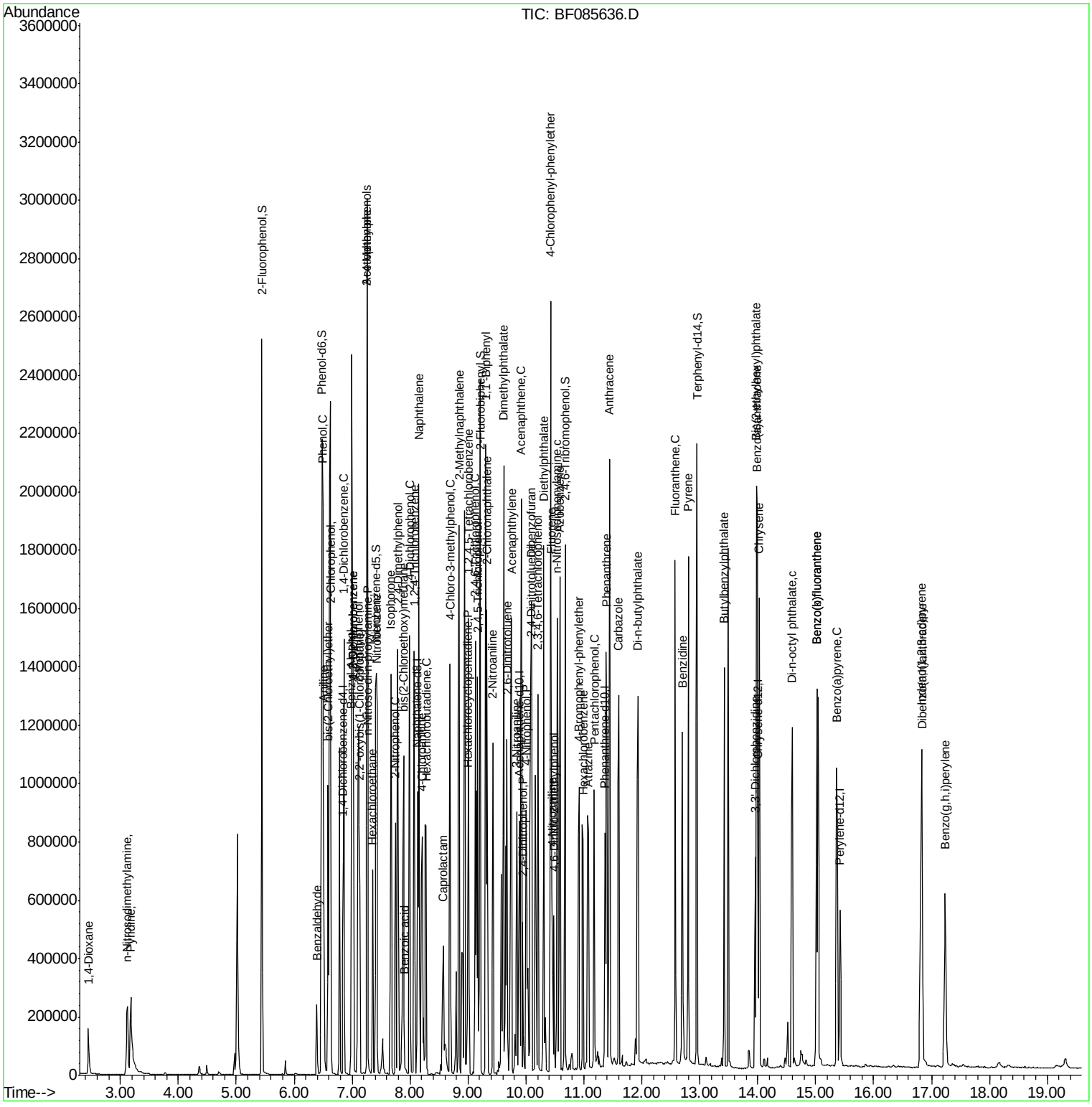
(#) = qualifier out of range (m) = manual integration (+) = signals summed

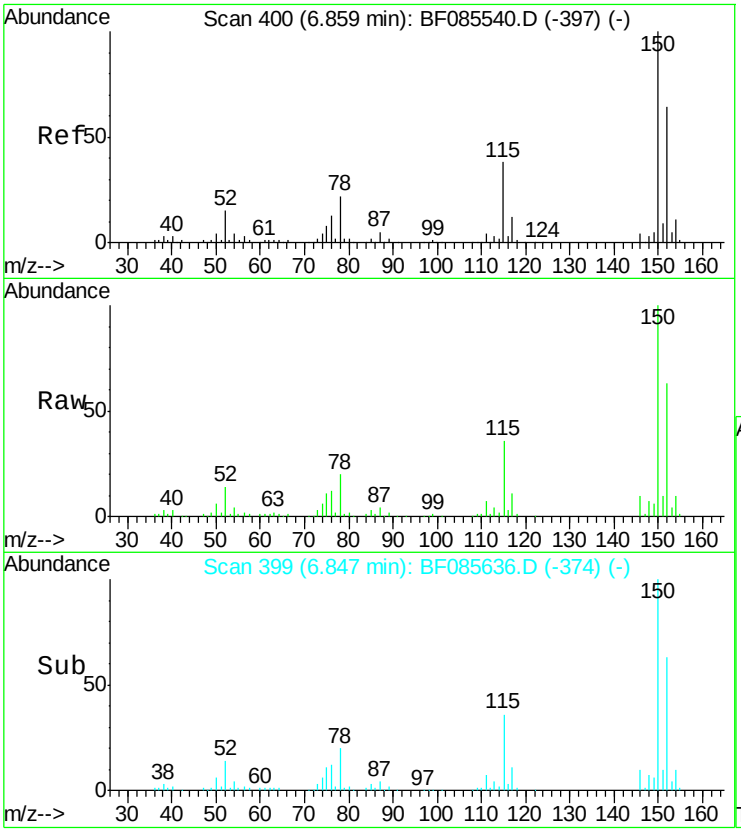
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085636.D
Acq On : 21 Mar 2016 21:50
Operator : UM/SJ
Sample : H1841-10MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Quant Time: Mar 22 00:13:10 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



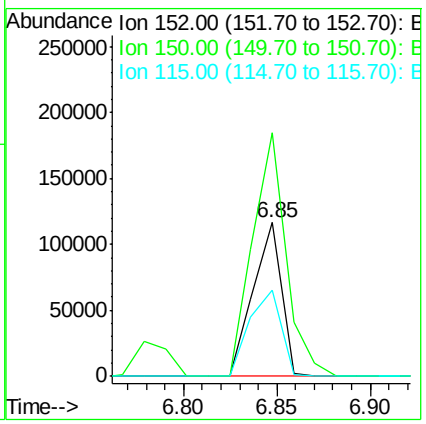


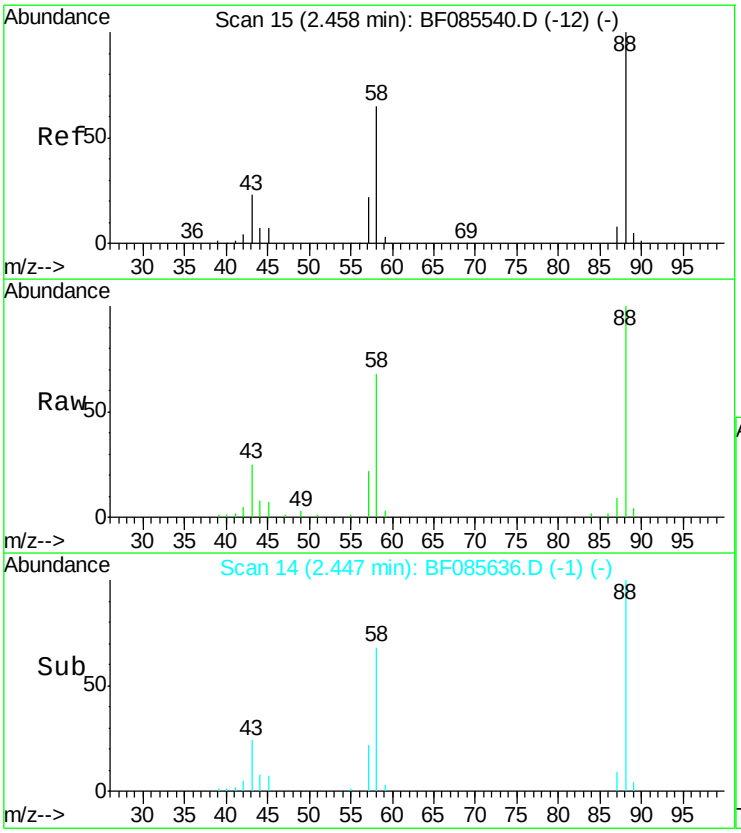
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:152 Resp: 121813

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.2	186.2
115	56.5	47.0	70.6

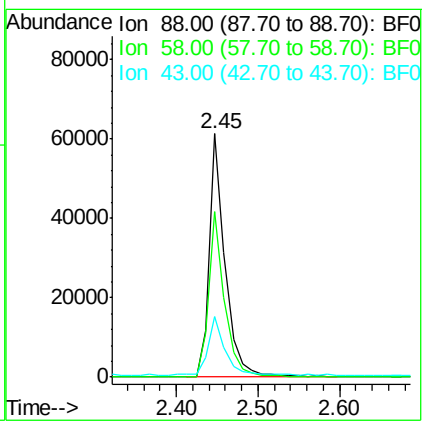


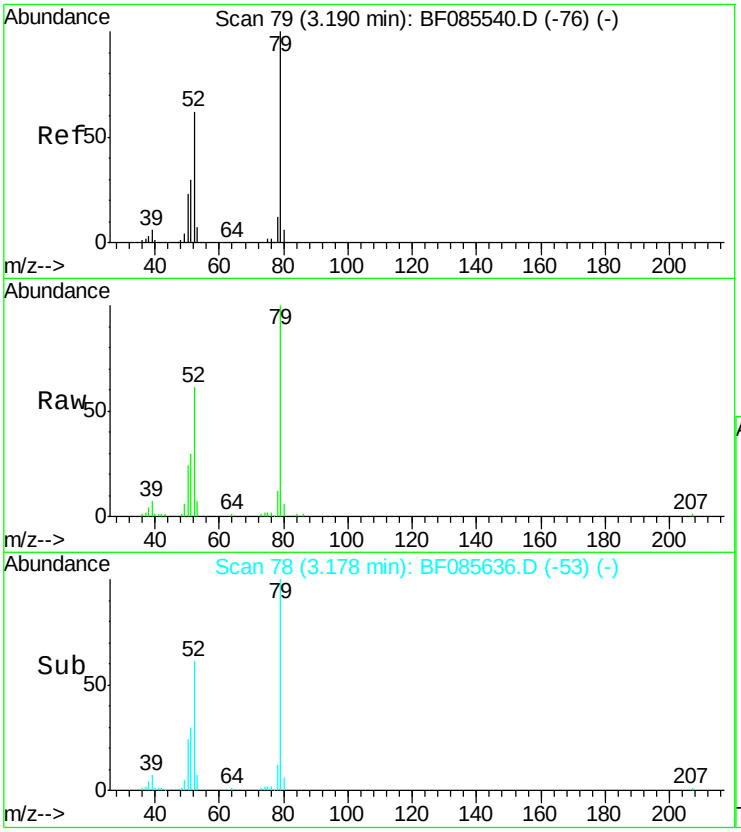


#2
1,4-Dioxane
Concen: 23.70 ng
RT: 2.45 min Scan# 14
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 88 Resp: 83559

Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.2	81.2
43	26.6	19.3	28.9



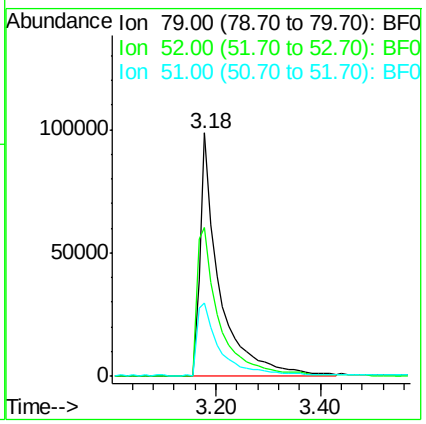


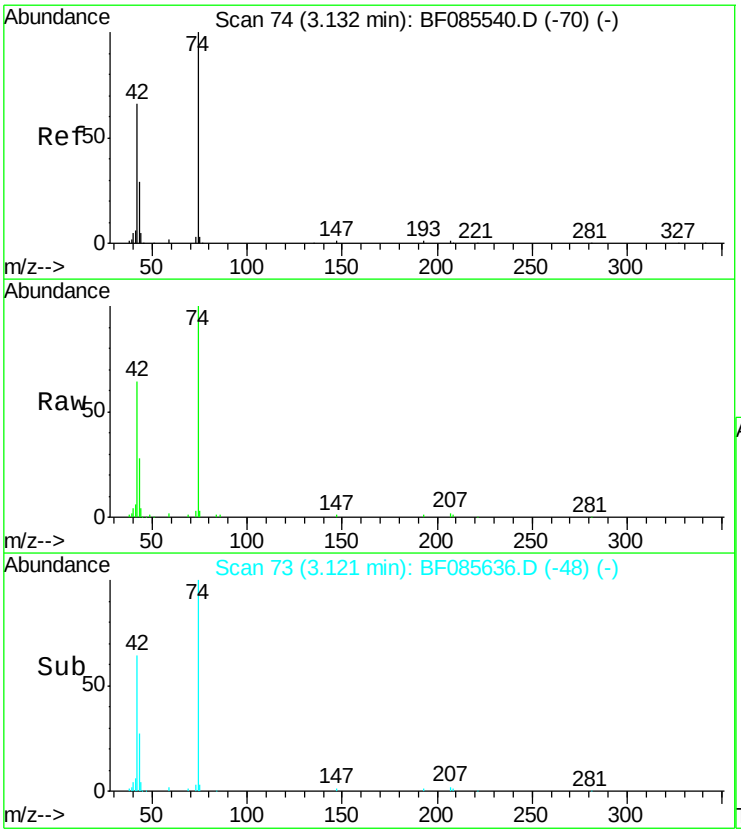
#3
Pyridine
Concen: 29.41 ng
RT: 3.18 min Scan# 78
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 79 Resp: 254565

Ion	Ratio	Lower	Upper
79	100		
52	61.0	49.8	74.6
51	30.1	24.7	37.1

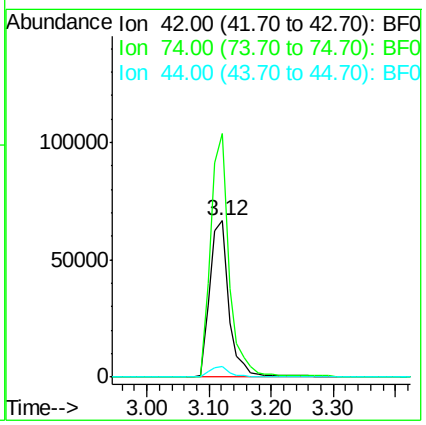


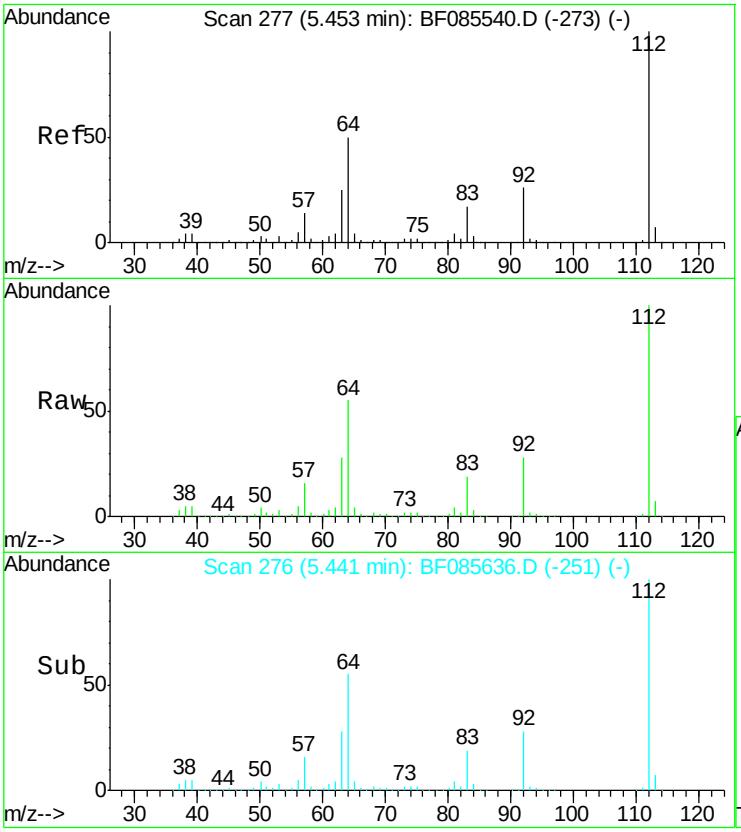


#4
n-Nitrosodimethylamine
Concen: 39.18 ng
RT: 3.12 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 42 Resp: 141594

Ion	Ratio	Lower	Upper
42	100		
74	155.9	121.4	182.2
44	6.5	5.6	8.4



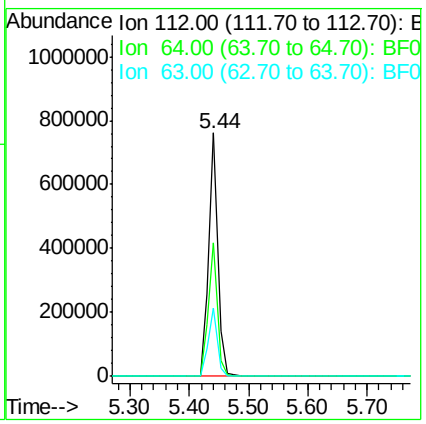


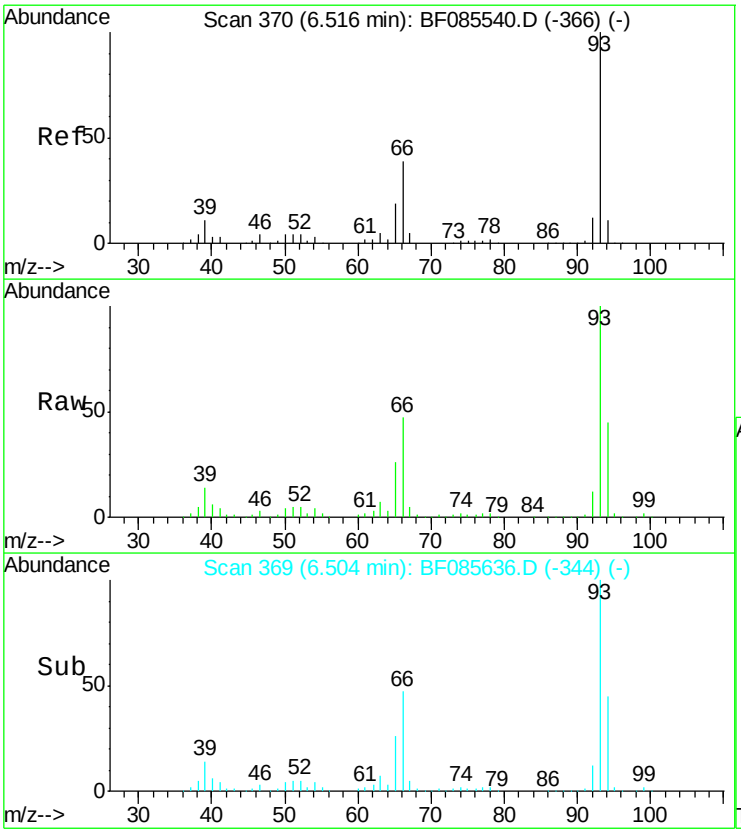
#5
2-Fluorophenol
Concen: 112.37 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:112 Resp: 814910

Ion	Ratio	Lower	Upper
112	100		
64	55.0	39.9	59.9
63	28.1	20.2	30.2

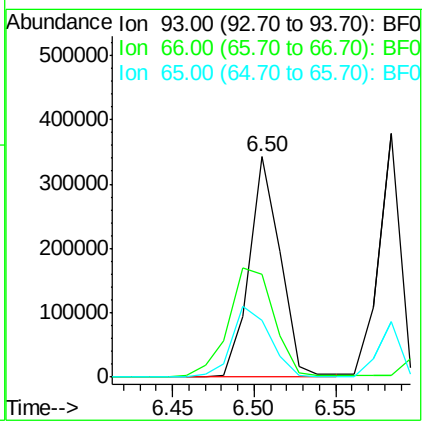


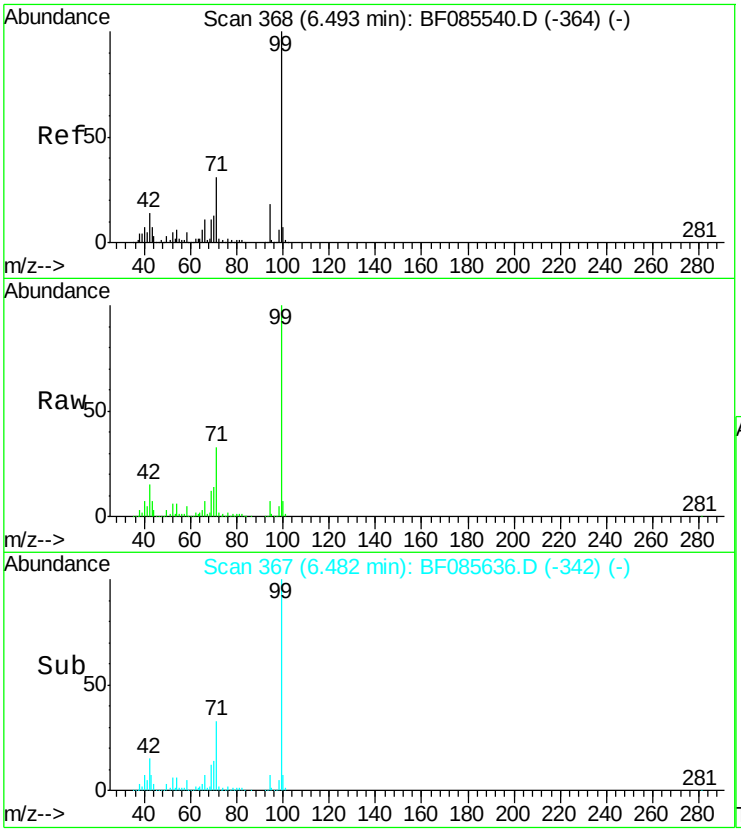


#6
Aniline
Concen: 36.19 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 93 Resp: 452146

Ion	Ratio	Lower	Upper
93	100		
66	47.0	31.4	47.2
65	25.8	15.7	23.5#



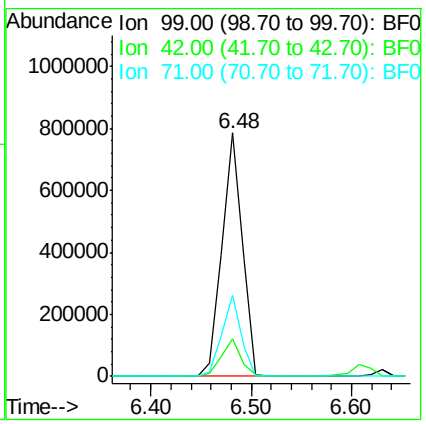


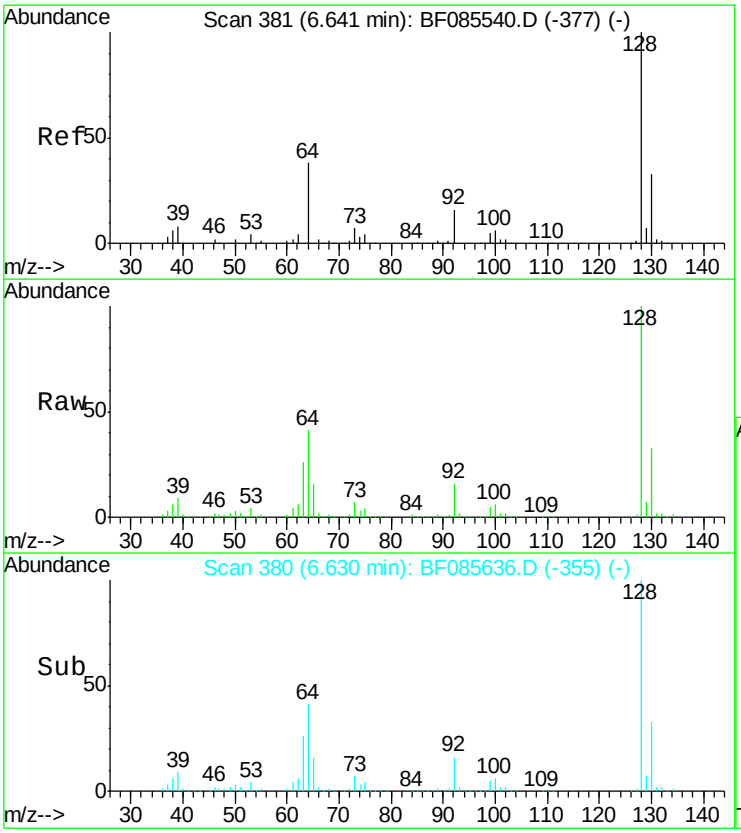
#7
Phenol-d6
Concen: 118.69 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 99 Resp: 1103979

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.1	16.7
71	33.2	24.9	37.3

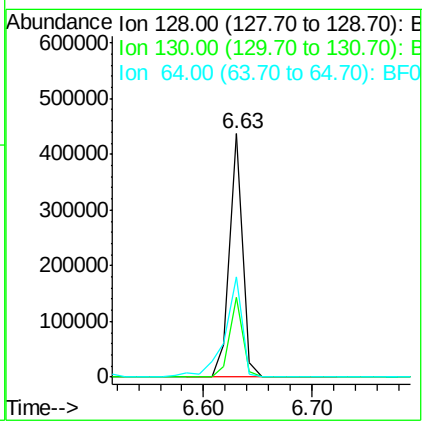


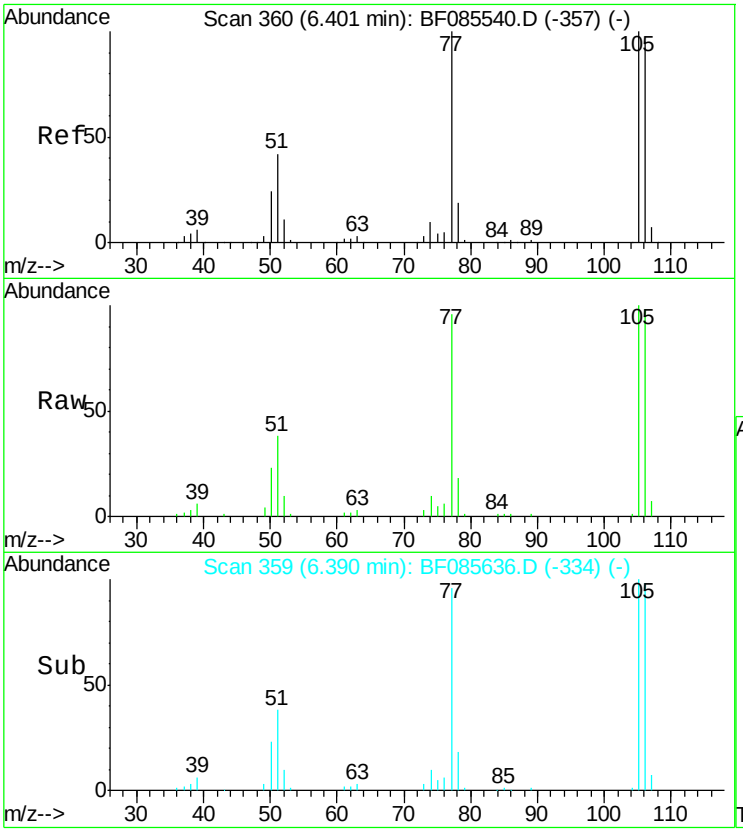


#8
2-Chlorophenol
Concen: 42.80 ng
RT: 6.63 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:128 Resp: 359088

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	41.2	20.2	60.2



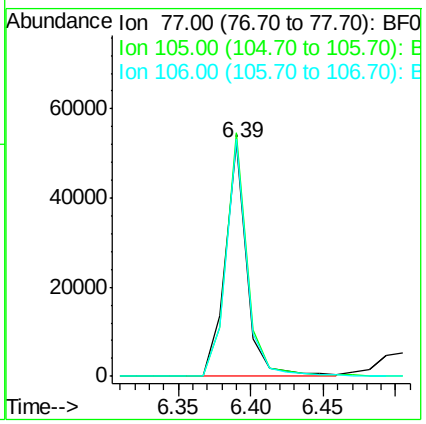


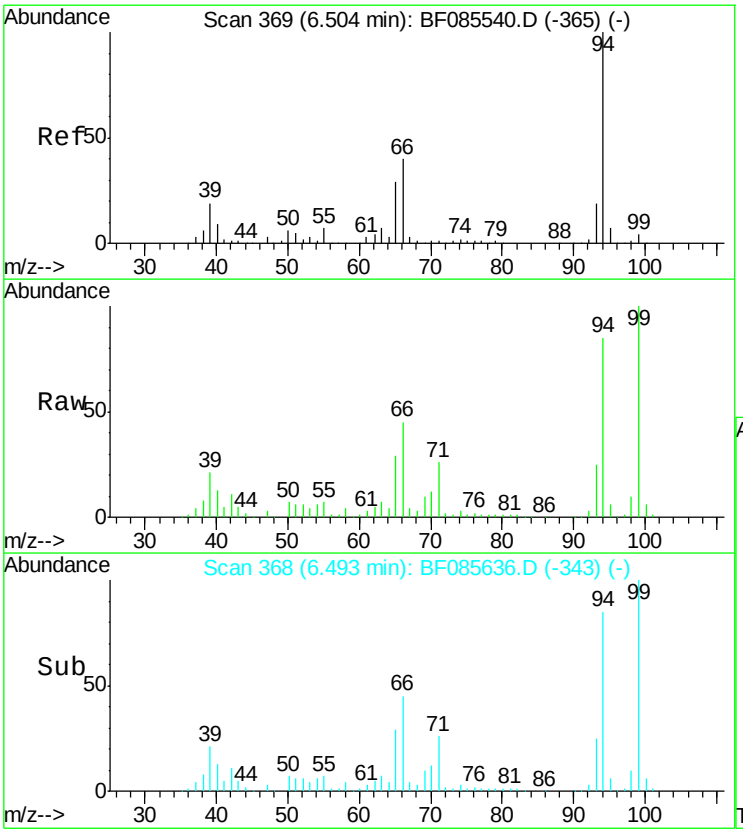
#9
Benzaldehyde
Concen: 9.47 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 77 Resp: 54390

Ion	Ratio	Lower	Upper
77	100		
105	104.1	80.1	120.1
106	101.6	75.0	115.0

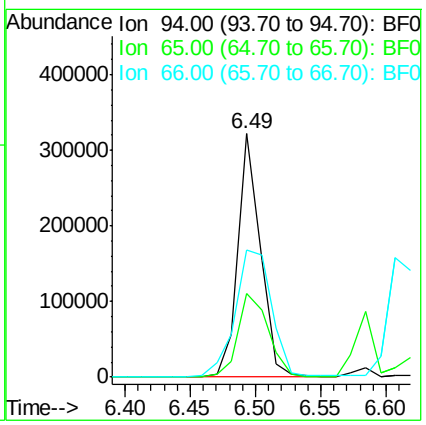


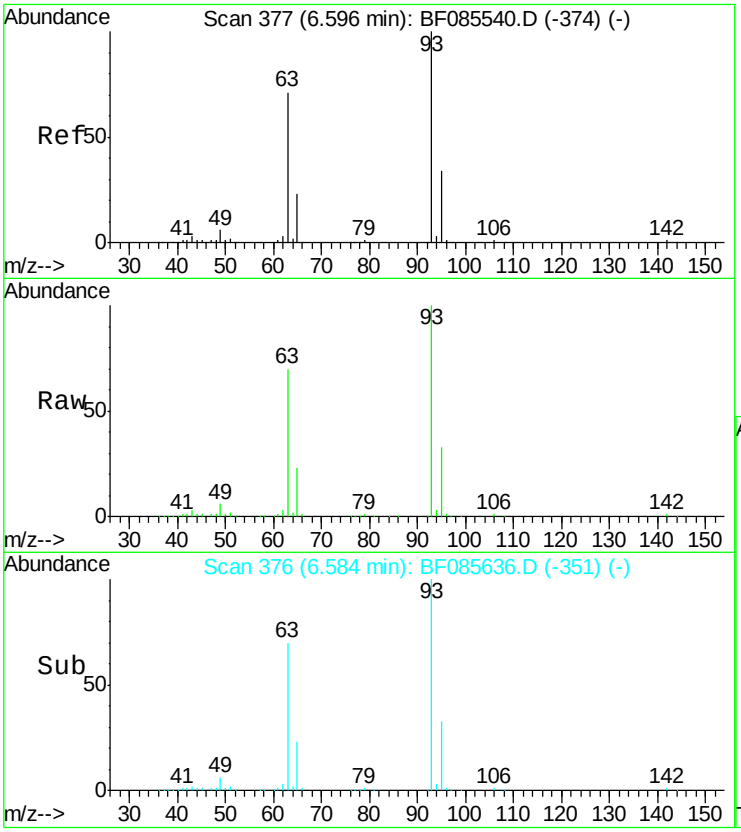


#10
Phenol
Concen: 36.26 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 94 Resp: 384123

Ion	Ratio	Lower	Upper
94	100		
65	34.3	8.6	48.6
66	52.4	20.0	60.0



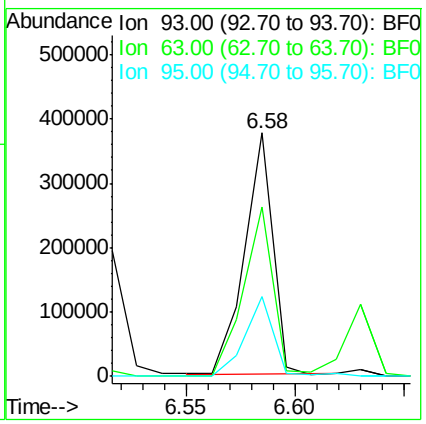


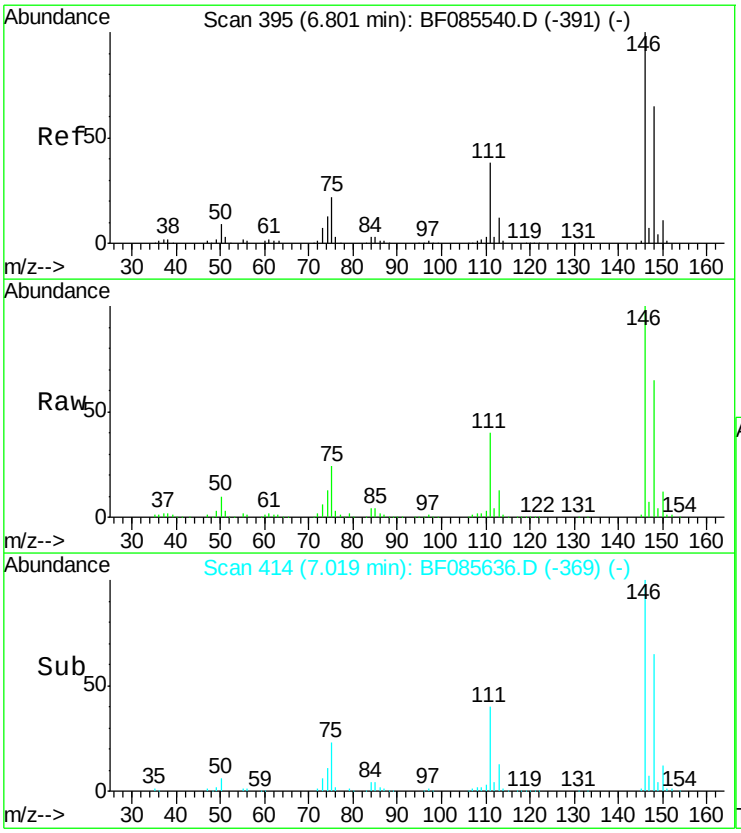
#11
bis(2-Chloroethyl)ether
Concen: 42.54 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 93 Resp: 339766

Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.9	90.9
95	32.7	13.3	53.3

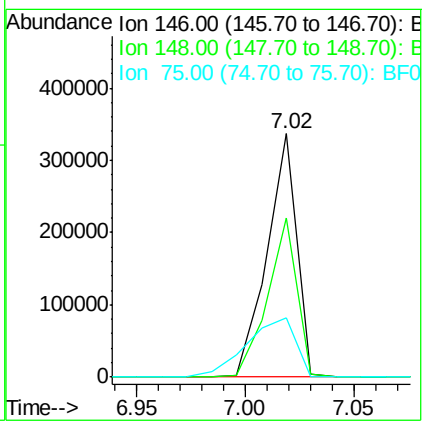


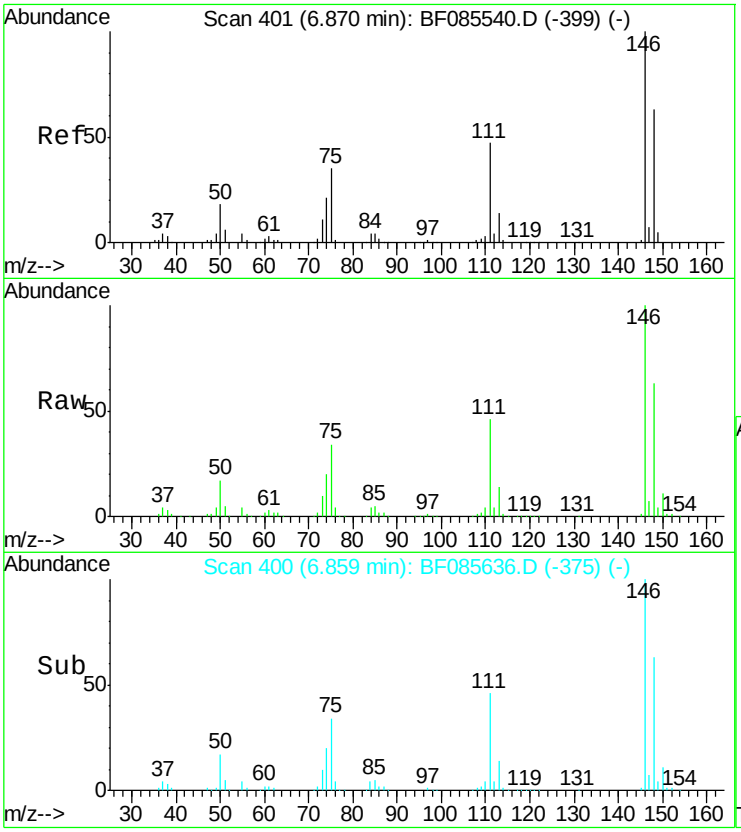


#12
1,3-Dichlorobenzene
Concen: 35.52 ng
RT: 7.02 min Scan# 414
Delta R.T. 0.22 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:146 Resp: 324757

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
75	24.3	17.4	26.2



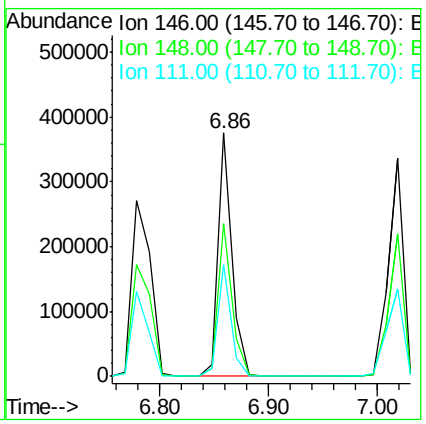


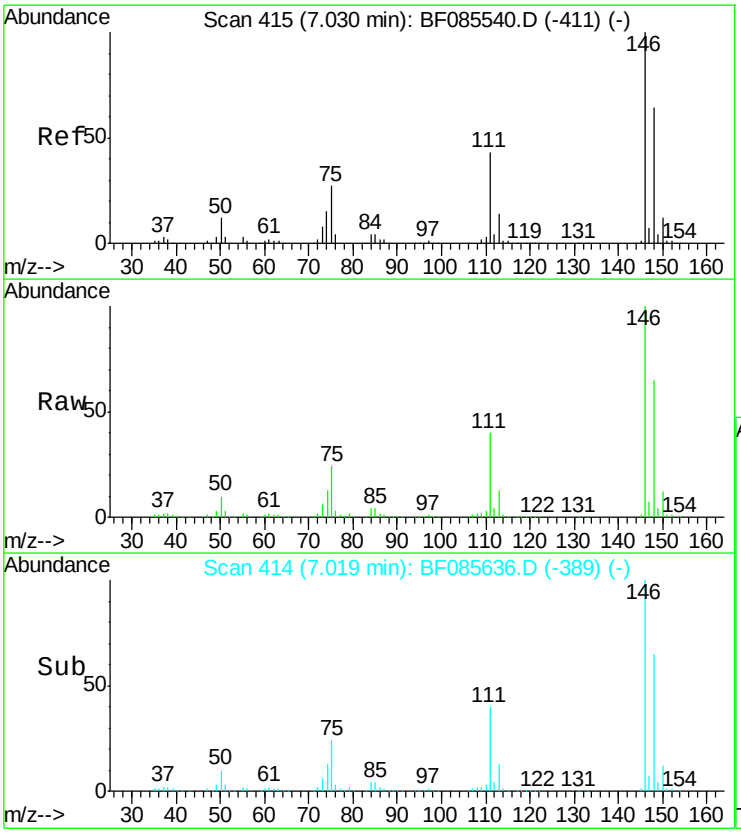
#13
1,4-Dichlorobenzene
Concen: 36.02 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:146 Resp: 335932

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	46.0	37.8	56.6

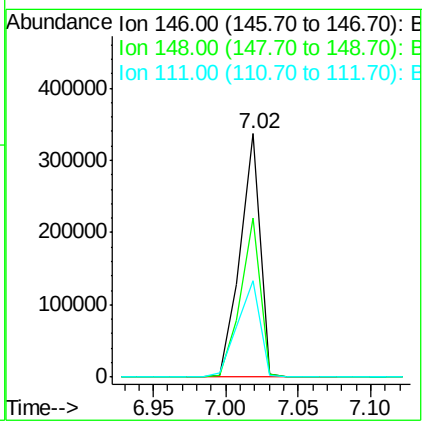


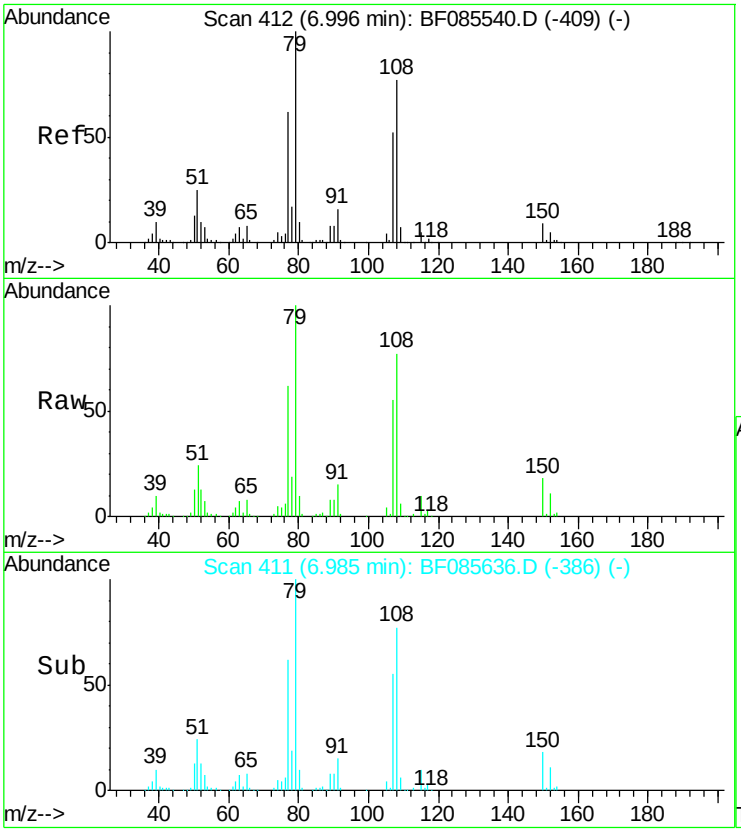


#14
1,2-Dichlorobenzene
Concen: 39.25 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:146 Resp: 324989

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	39.8	34.6	52.0



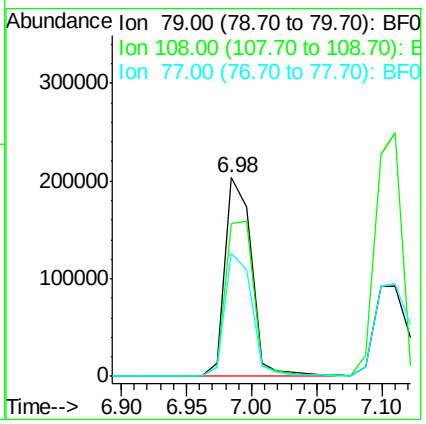


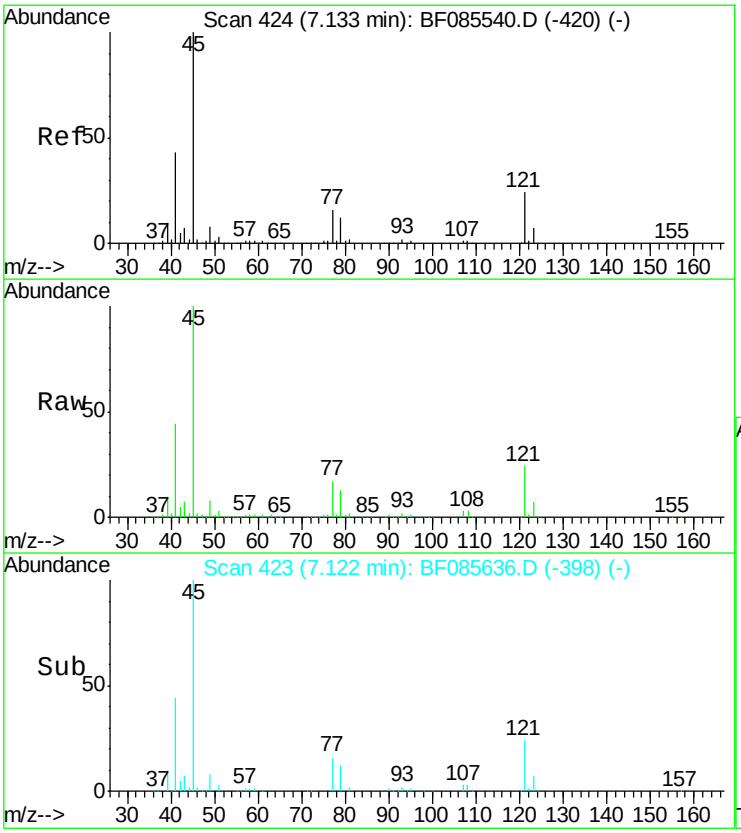
#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 79 Resp: 287719

Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.8	92.6
77	62.0	49.6	74.4

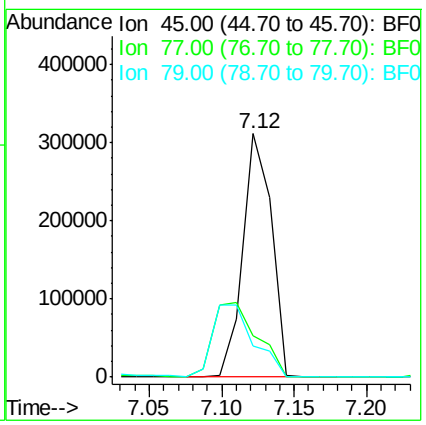


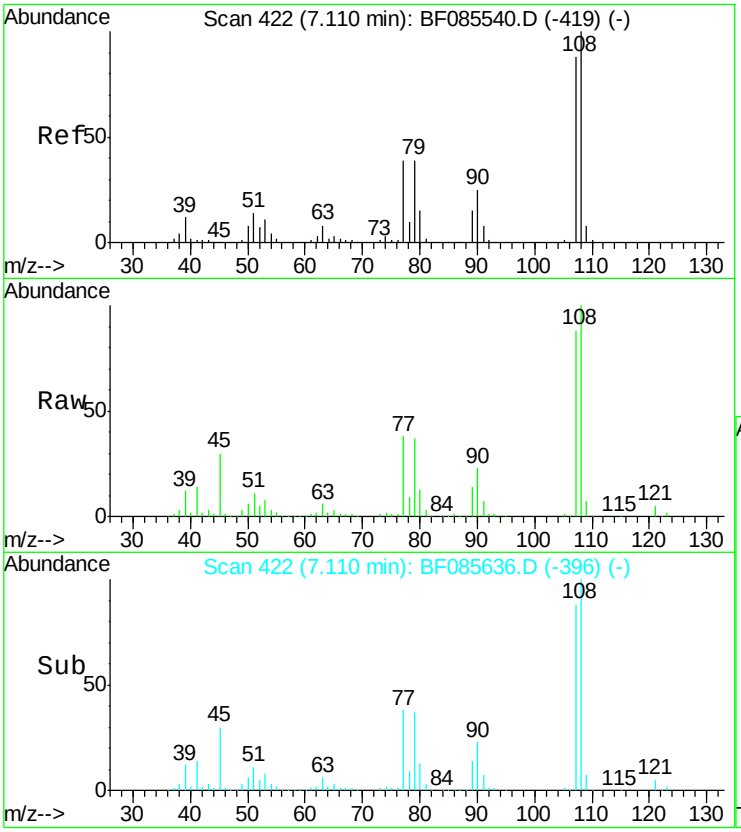


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.50 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 45 Resp: 425337

Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	35.7
79	12.8	0.0	32.2



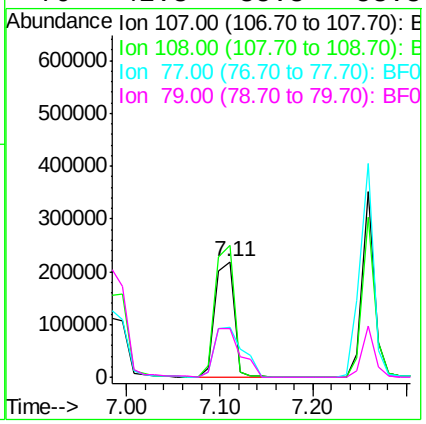


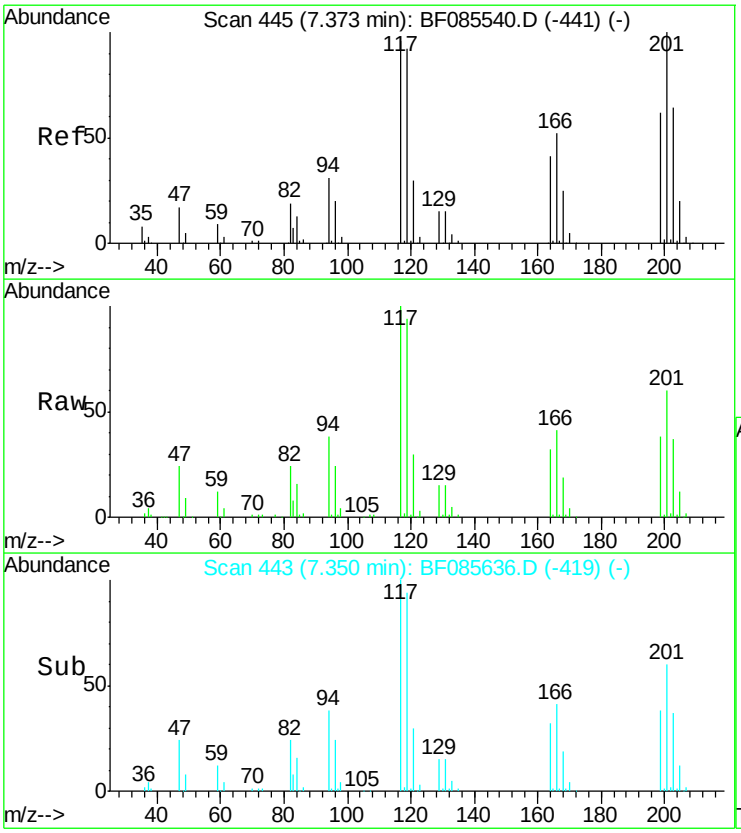
#17
2-Methylphenol
Concen: 44.53 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:107 Resp: 309699

Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.4	137.0
77	43.6	36.2	54.2
79	42.3	35.8	53.8

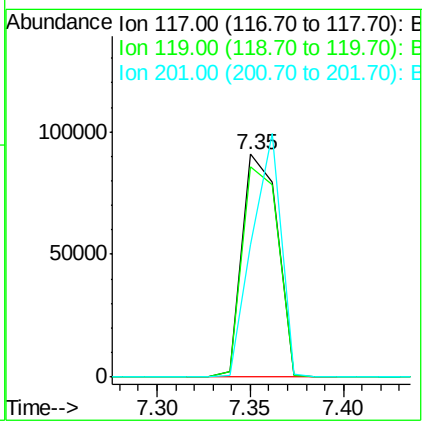


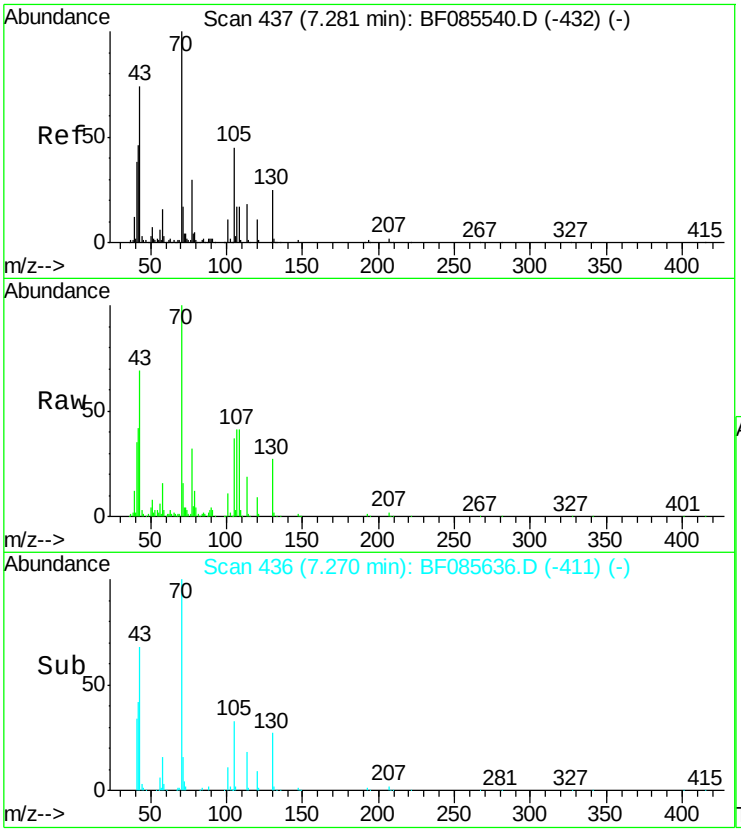


#18
Hexachloroethane
Concen: 35.25 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:117 Resp: 118704

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.7	115.1
201	59.6	83.3	124.9#



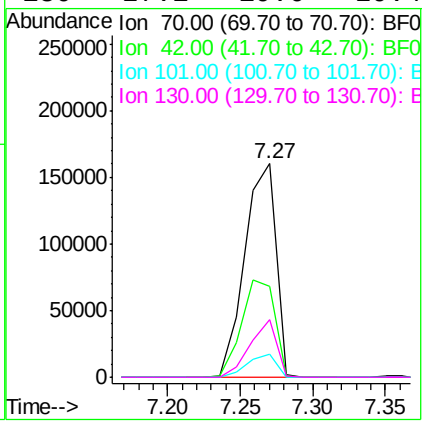


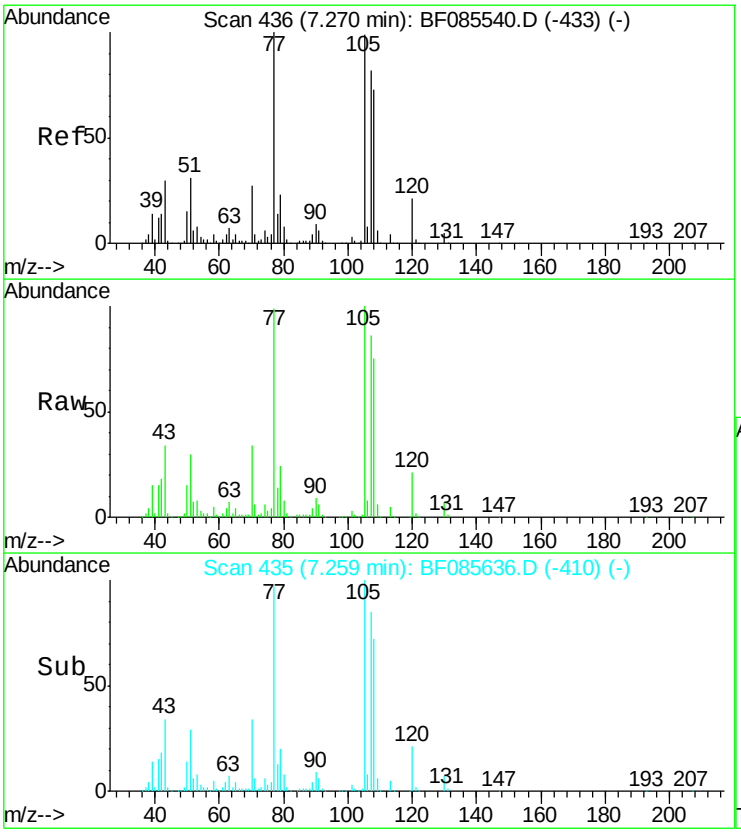
#19
n-Nitroso-di-n-propylamine
Concen: 43.20 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 70 Resp: 240041

Ion	Ratio	Lower	Upper
70	100		
42	42.4	37.1	55.7
101	11.0	8.6	12.8
130	27.1	19.6	29.4

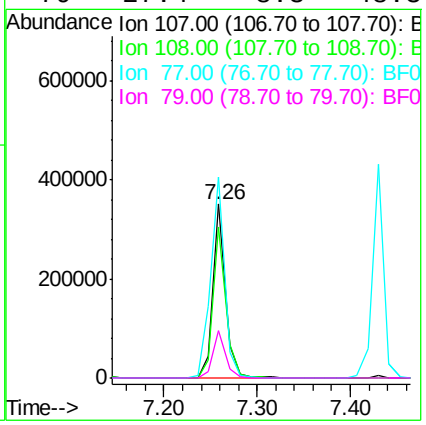


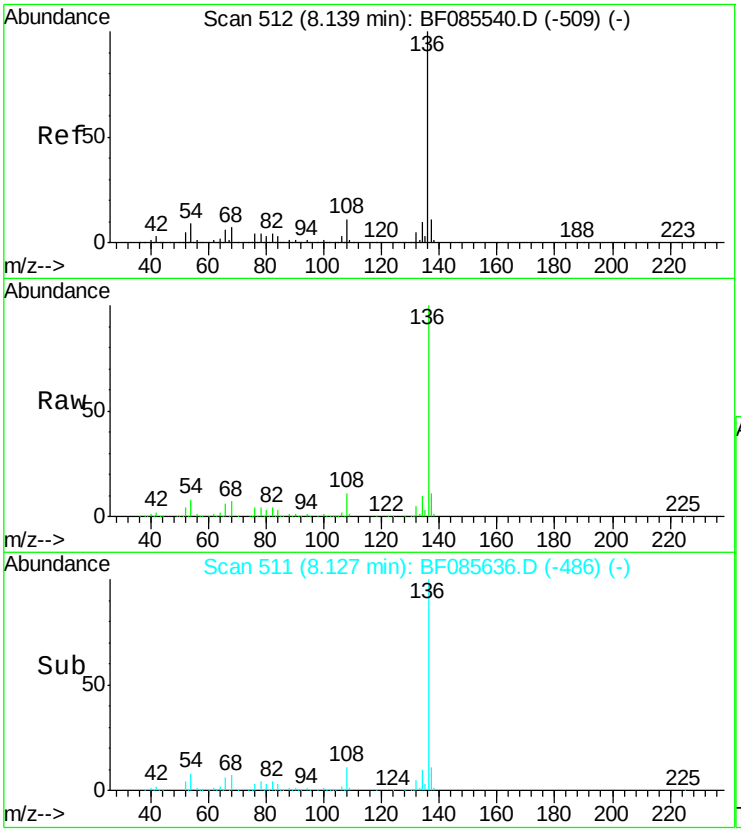


#20
3+4-Methylphenols
Concen: 40.41 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:107 Resp: 325473

Ion	Ratio	Lower	Upper
107	100		
108	86.7	69.3	109.3
77	115.3	101.7	141.7
79	27.4	8.3	48.3



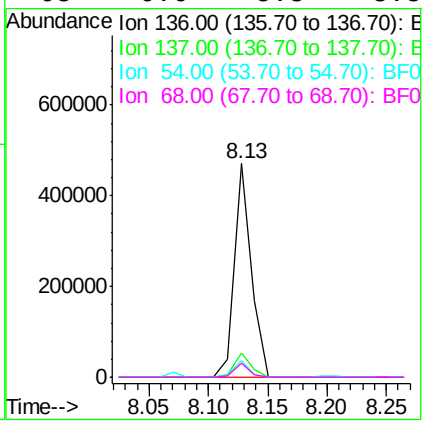


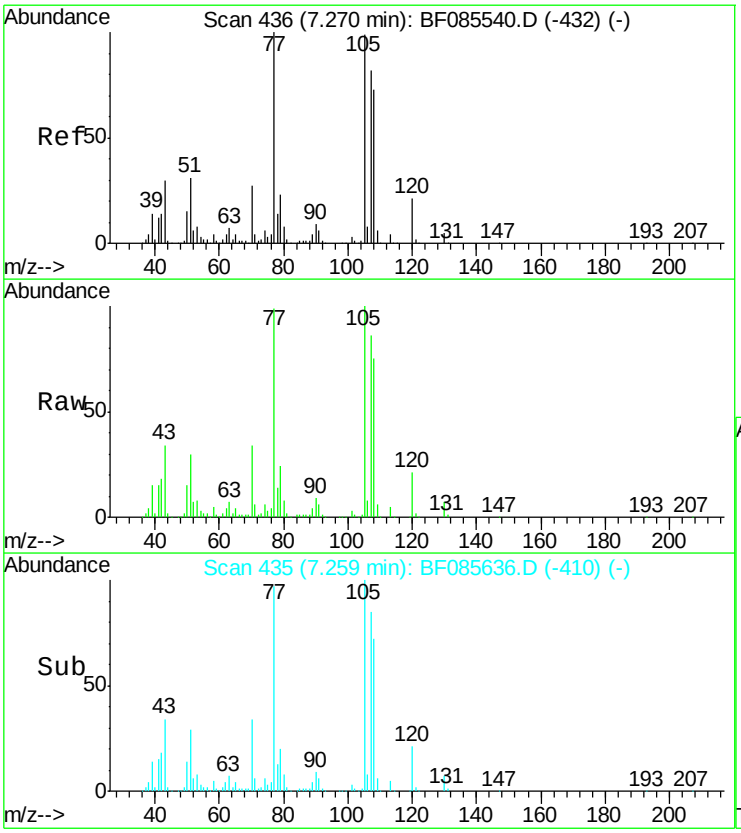
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:136 Resp: 470165

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.0	7.4	11.0
68	6.6	5.8	8.8

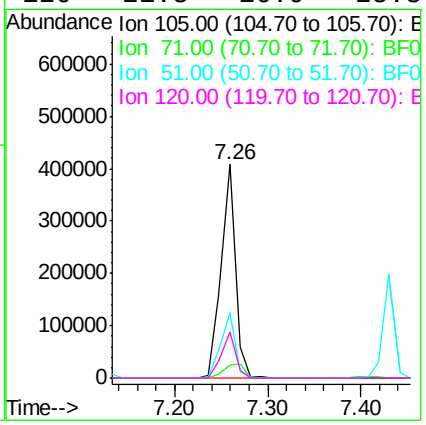


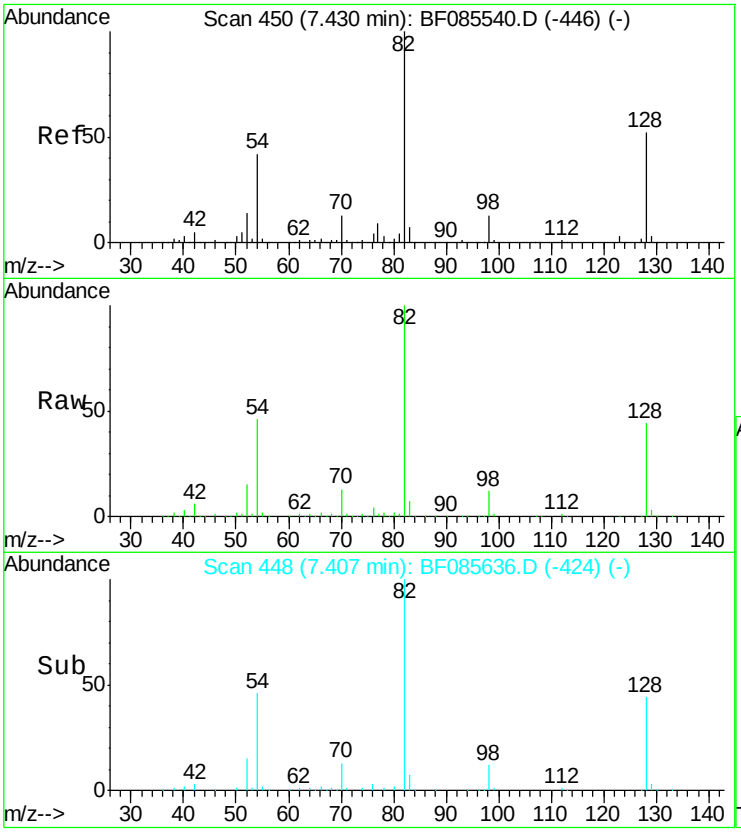


#22
Acetophenone
Concen: 39.18 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:105 Resp: 437182

Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.6	5.4#
51	30.5	25.4	38.0
120	21.3	16.9	25.3



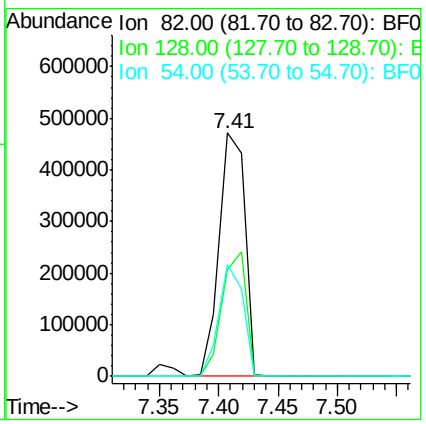


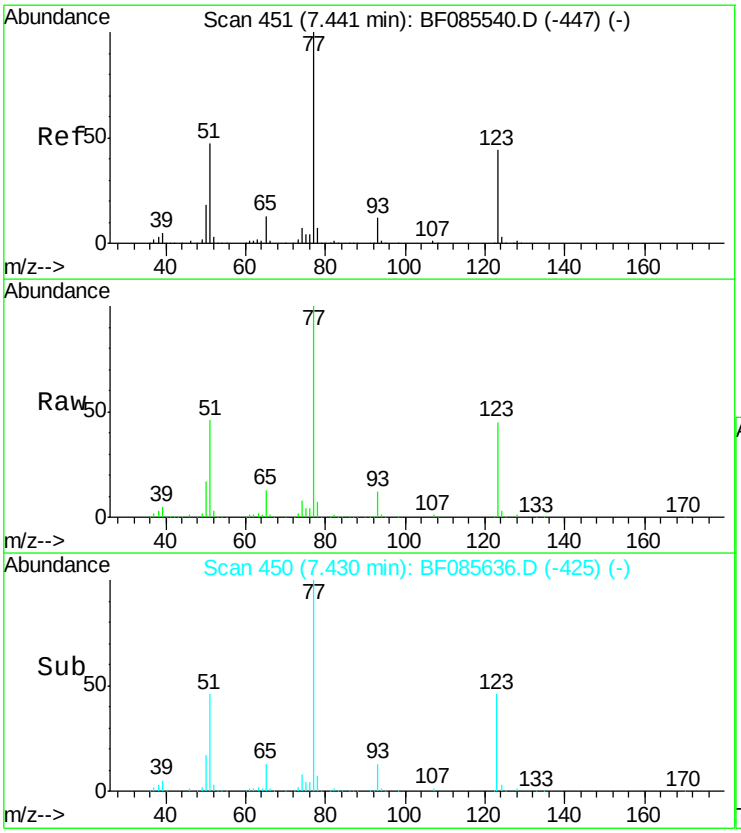
#23
Nitrobenzene-d5
Concen: 87.51 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 82 Resp: 708823

Ion	Ratio	Lower	Upper
82	100		
128	43.9	41.8	62.8
54	46.2	33.4	50.0

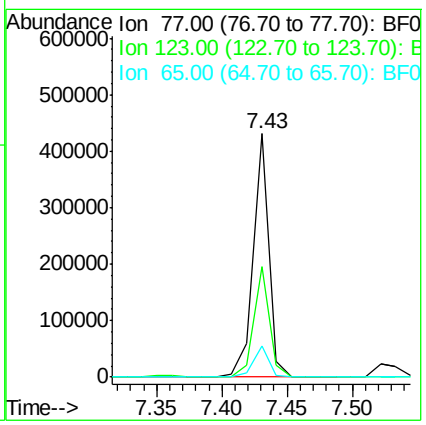


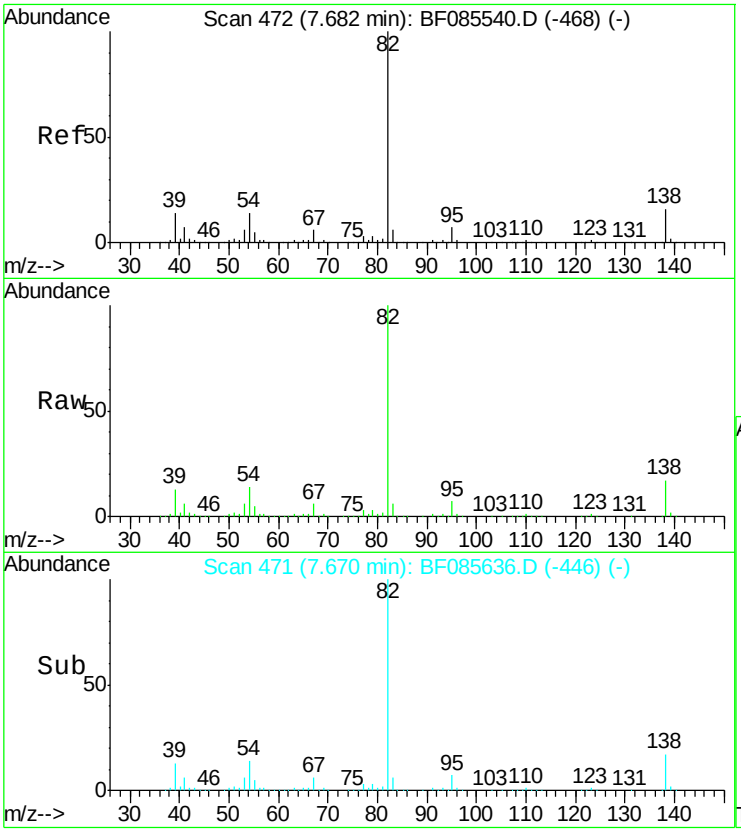


#24
Nitrobenzene
Concen: 40.61 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 77 Resp: 360043

Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.0	52.4
65	12.9	10.6	16.0



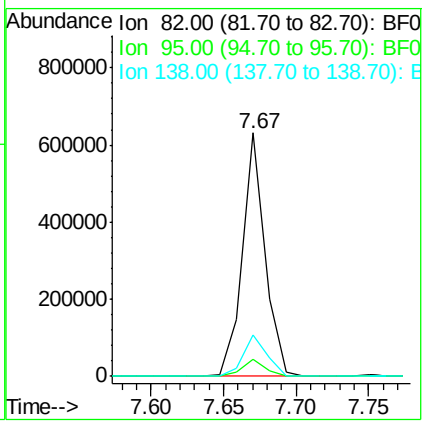


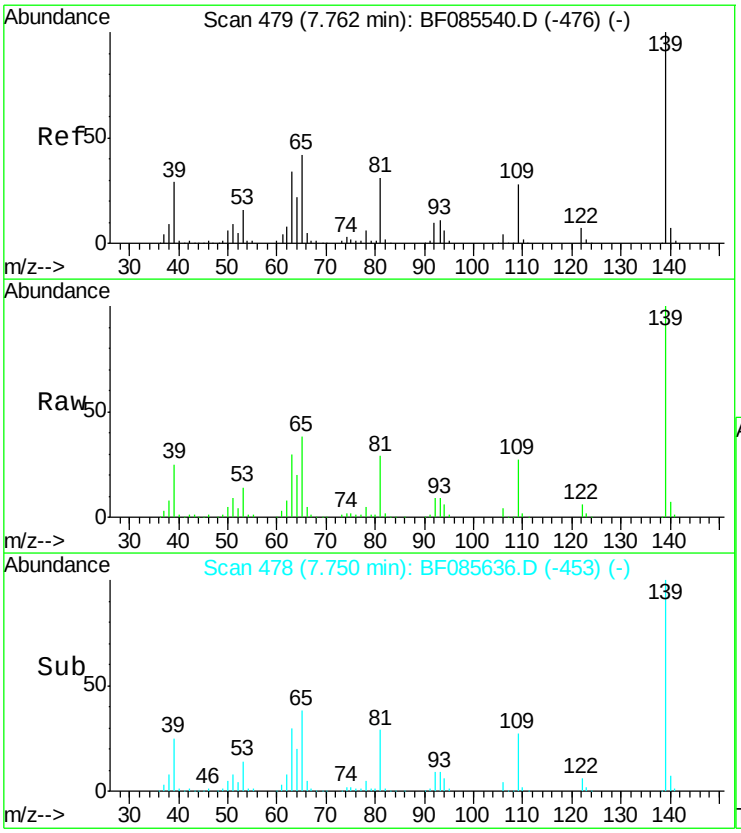
#25
Isophorone
Concen: 42.10 ng
RT: 7.67 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 82 Resp: 682784

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	16.8	12.9	19.3

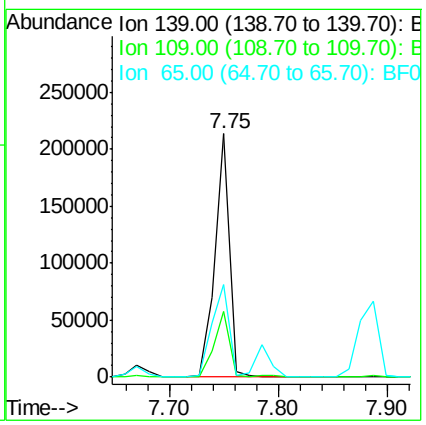


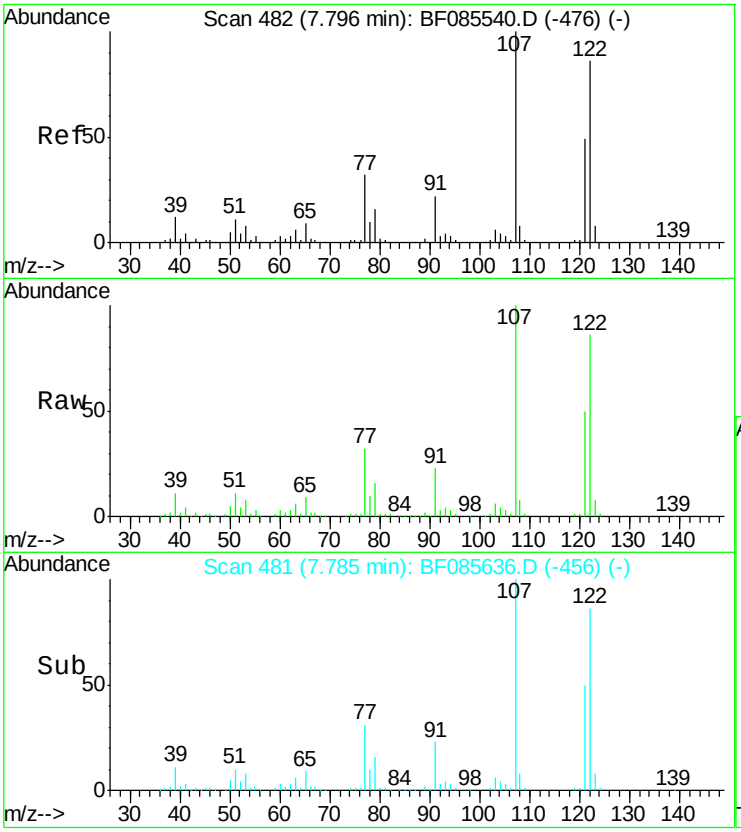


#26
2-Nitrophenol
Concen: 46.07 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:139 Resp: 201882

Ion	Ratio	Lower	Upper
139	100		
109	26.7	22.1	33.1
65	38.0	33.9	50.9



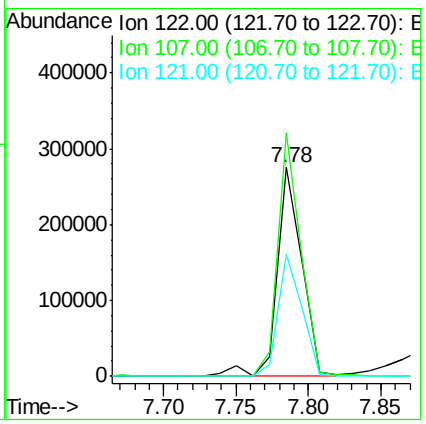


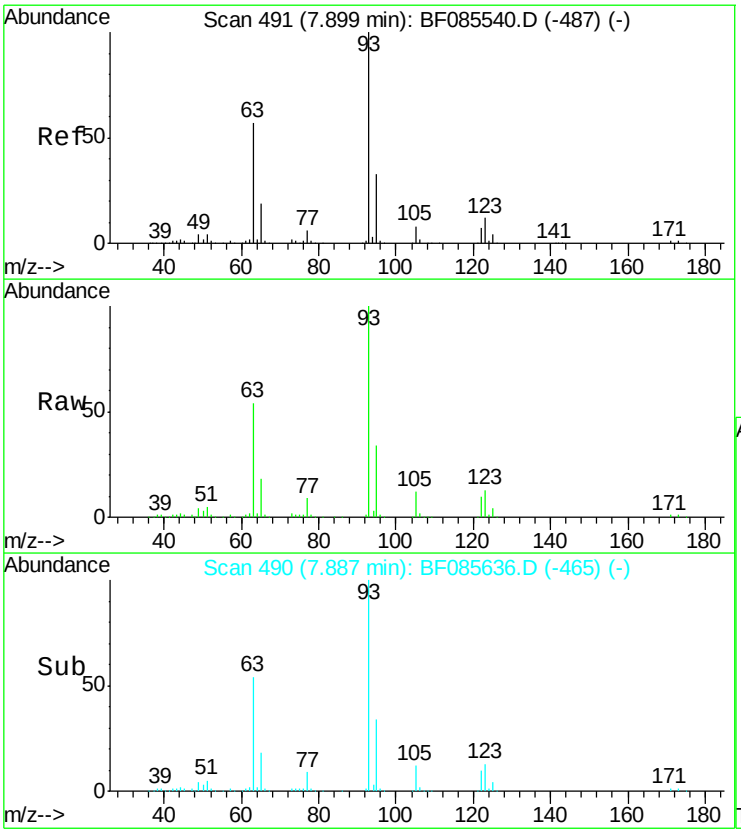
#27
2,4-Dimethylphenol
Concen: 41.82 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:122 Resp: 324059

Ion	Ratio	Lower	Upper
122	100		
107	116.8	93.0	139.6
121	58.3	45.9	68.9

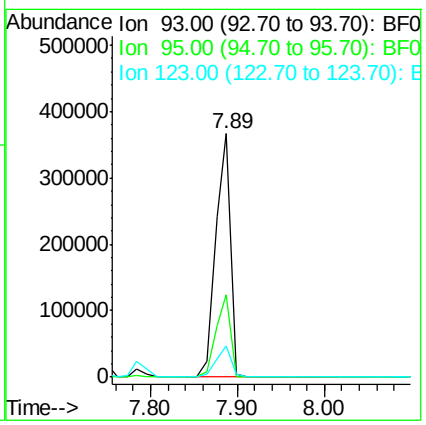


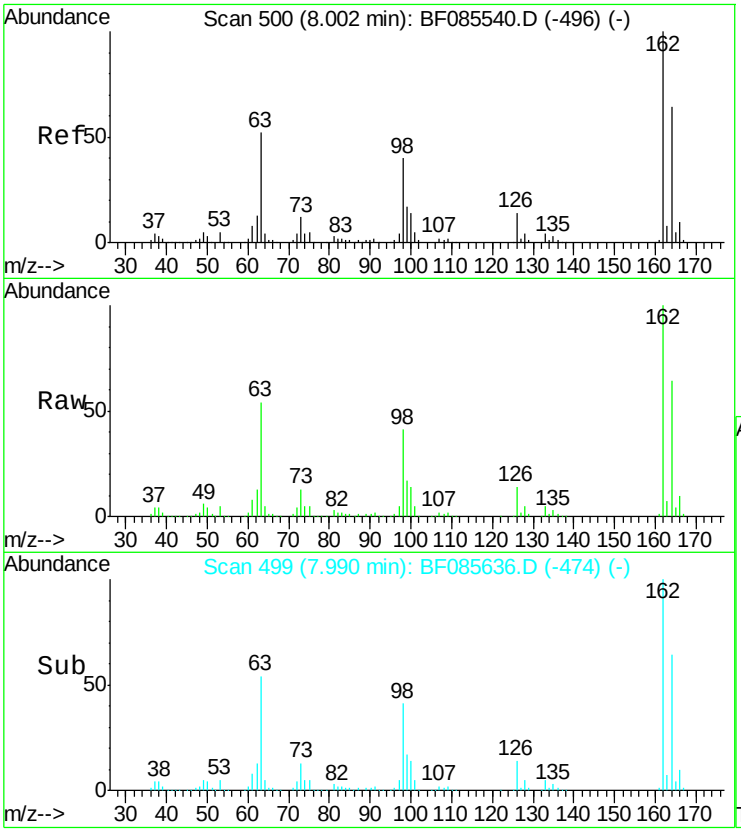


#28
bis(2-Chloroethoxy)methane
Concen: 47.67 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 93 Resp: 439705

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	12.8	9.8	14.6



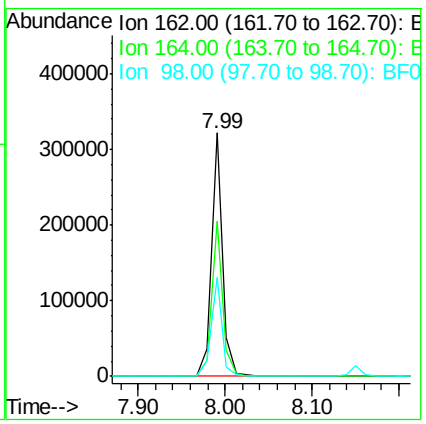


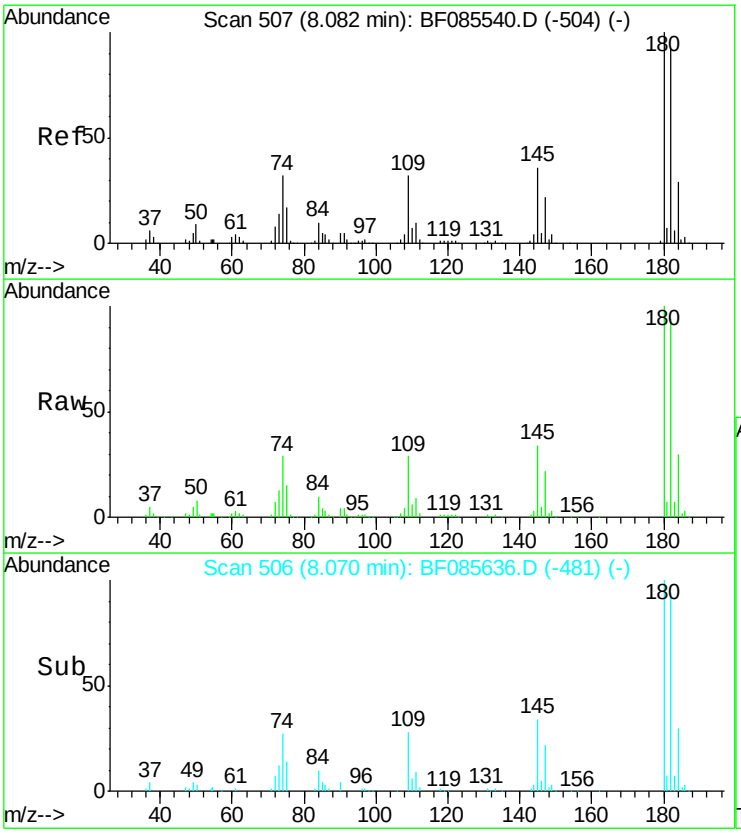
#29
2,4-Dichlorophenol
Concen: 45.14 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:162 Resp: 288860

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	40.8	20.4	60.4

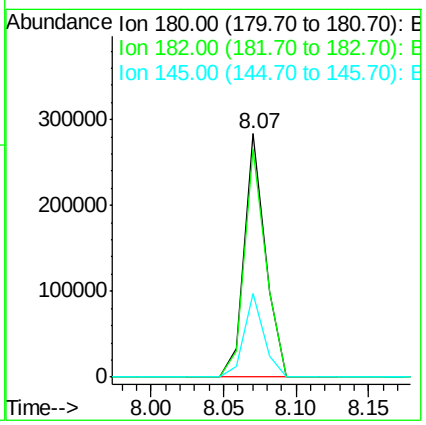


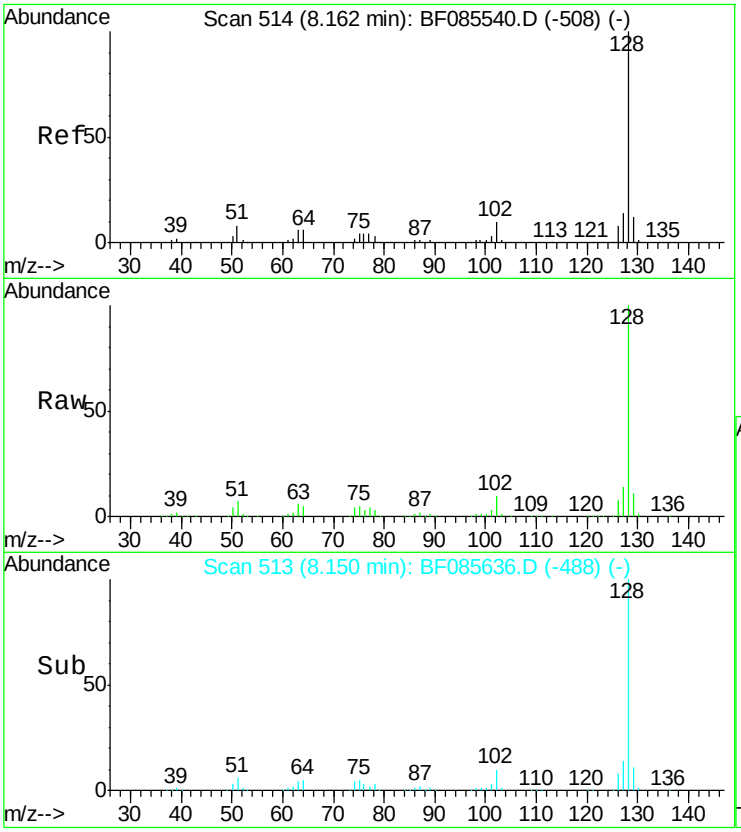


#30
1,2,4-Trichlorobenzene
Concen: 39.94 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:180 Resp: 286299

Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.8	110.8
145	34.4	28.4	42.6



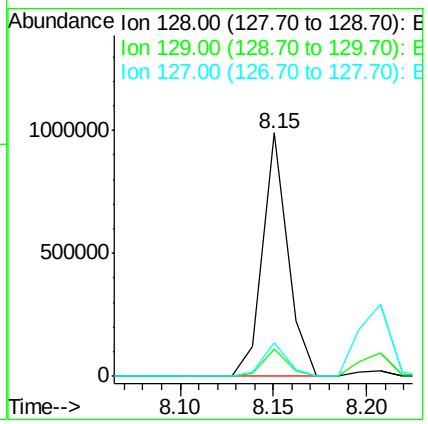


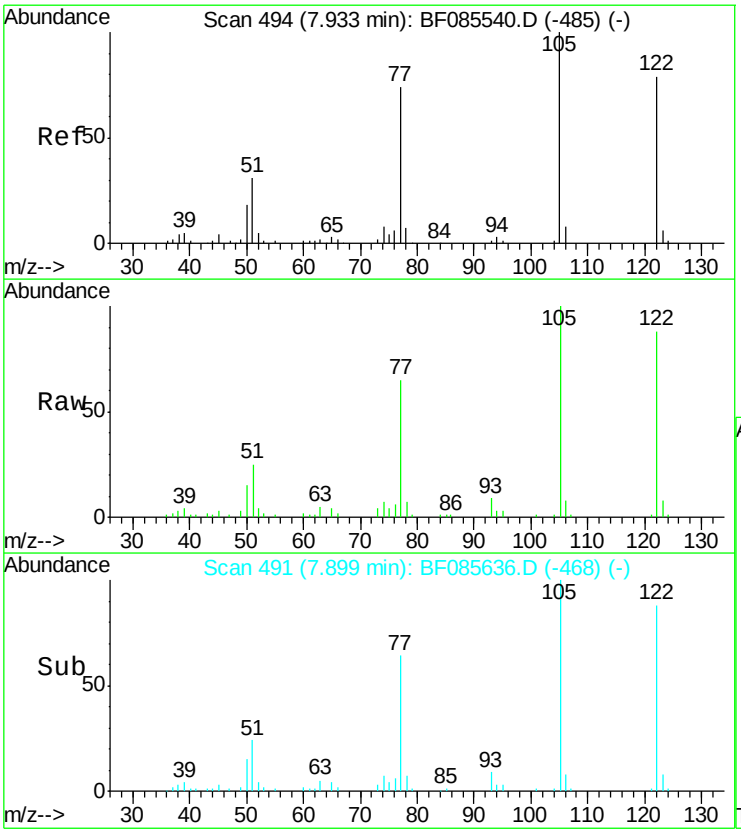
#31
Naphthalene
Concen: 38.91 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:128 Resp: 923485

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.8	11.0	16.6

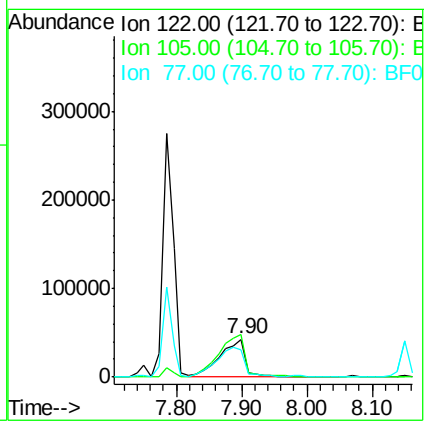


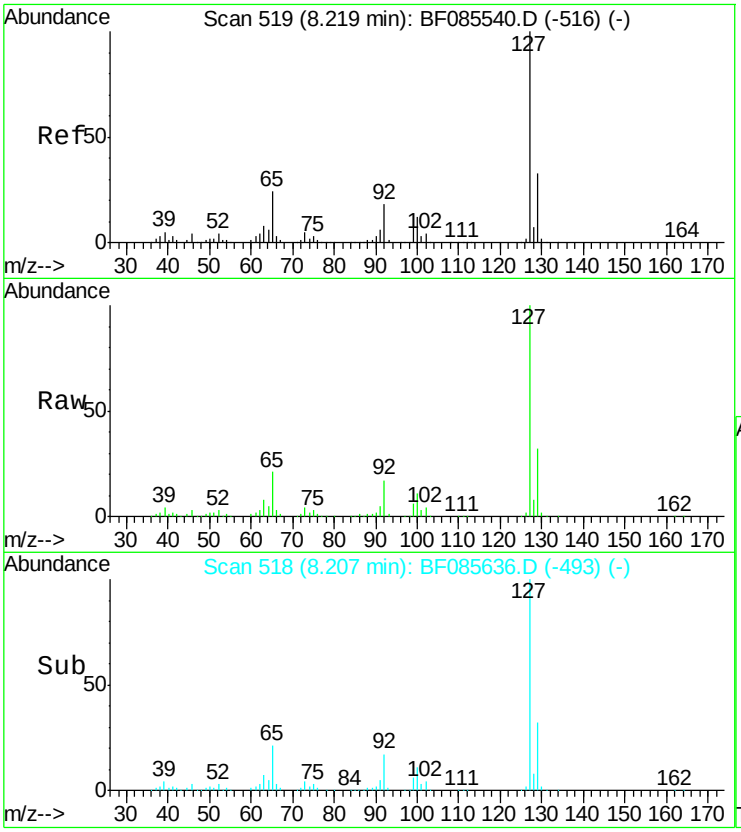


#32
Benzoic acid
Concen: 18.12 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:122 Resp: 117379

Ion	Ratio	Lower	Upper
122	100		
105	113.2	102.9	142.9
77	73.4	71.8	111.8



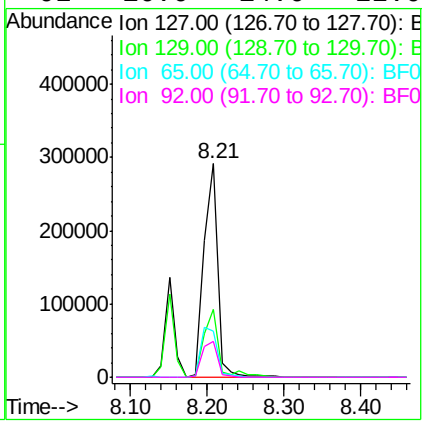


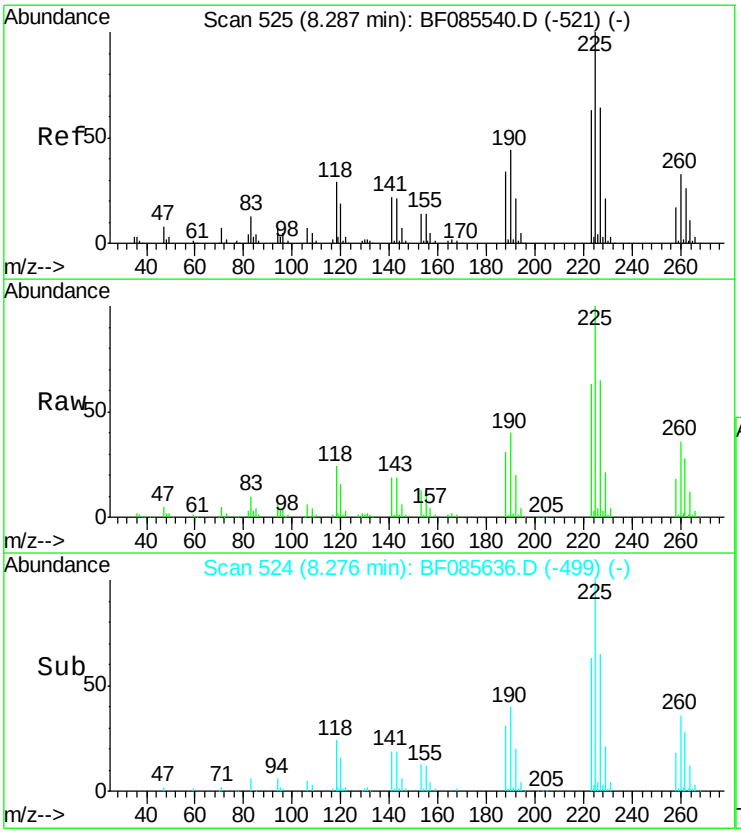
#33
4-Chloroaniline
Concen: 36.86 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:127 Resp: 358570

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	21.4	19.5	29.3
92	16.6	14.6	22.0

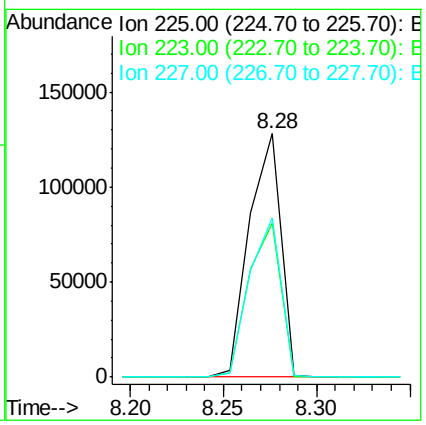


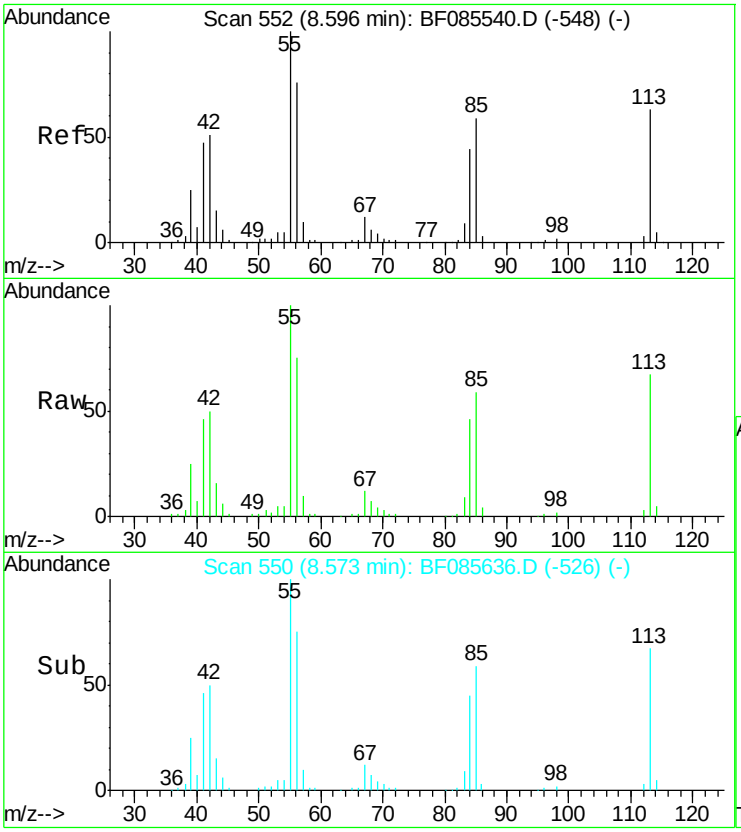


#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:225 Resp: 150149

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	65.3	51.4	77.2



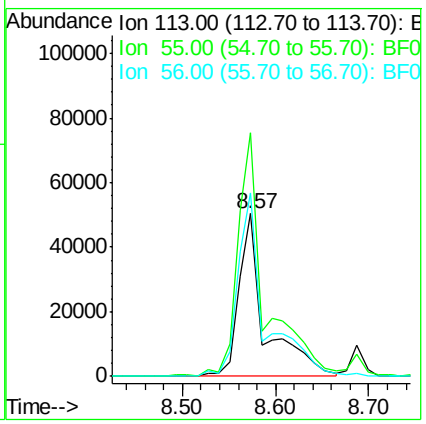


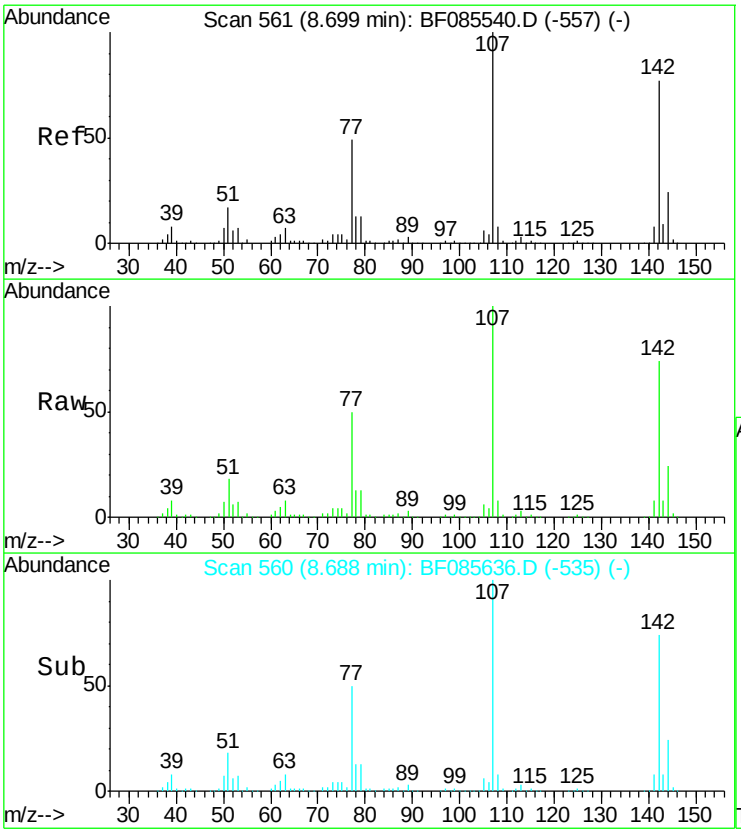
#35
Caprolactam
Concen: 44.88 ng
RT: 8.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:113 Resp: 98806

Ion	Ratio	Lower	Upper
113	100		
55	149.5	139.4	179.4
56	112.8	100.4	140.4

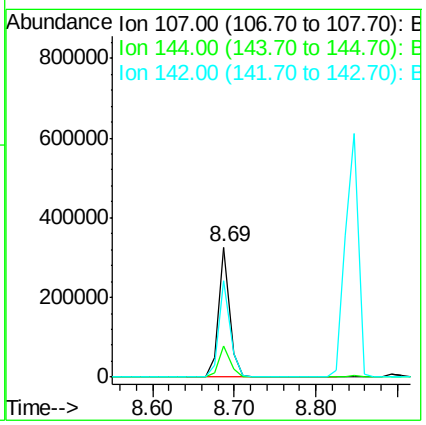


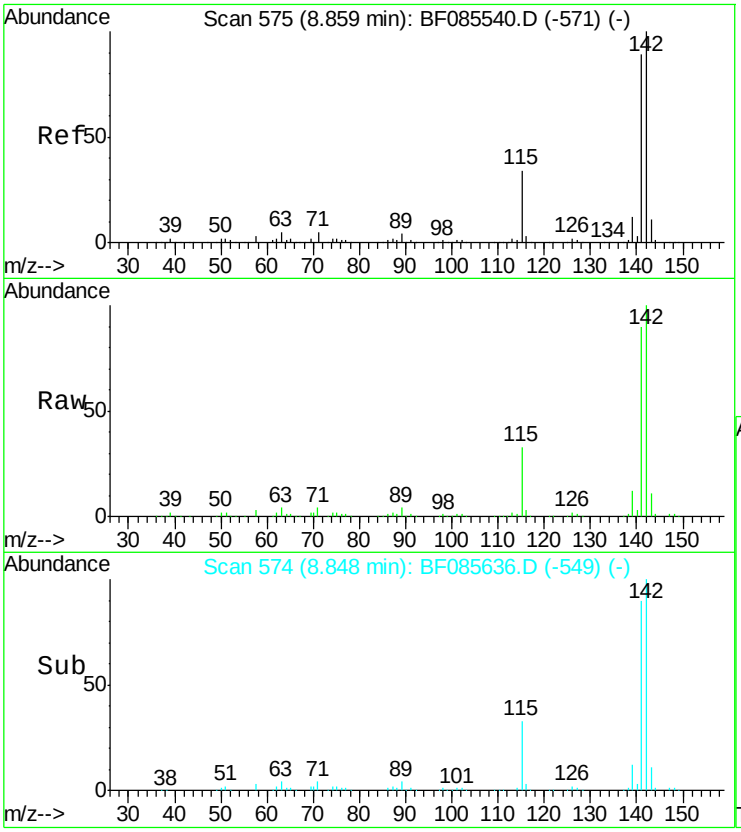


#36
4-Chloro-3-methylphenol
Concen: 40.93 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:107 Resp: 305902

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	73.9	61.4	92.0



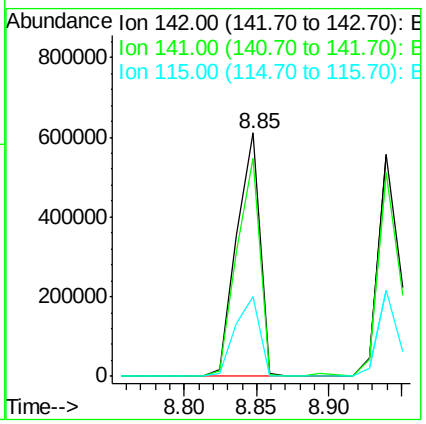


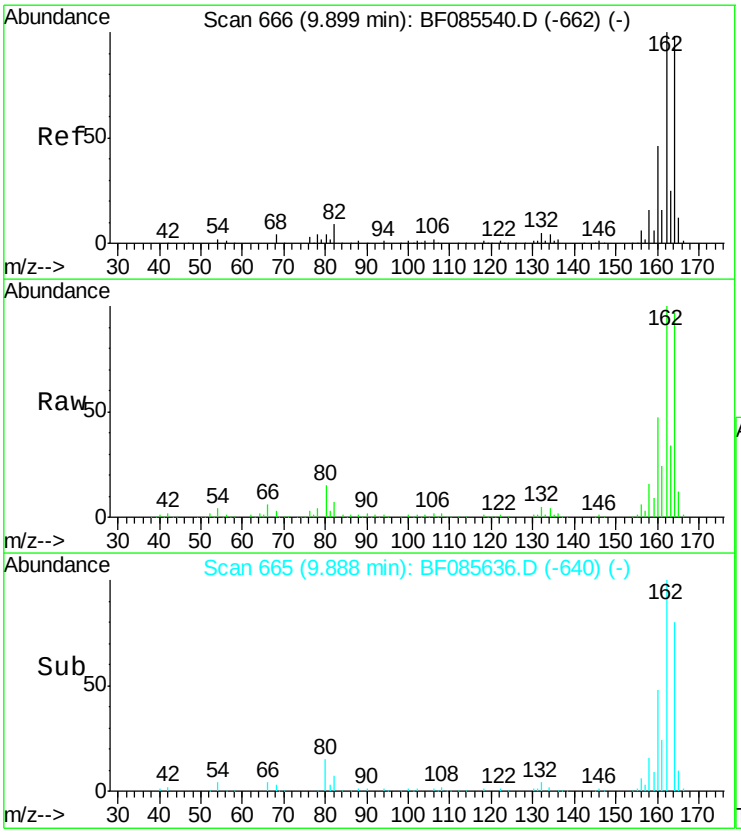
#37
2-Methylnaphthalene
Concen: 46.99 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:142 Resp: 679734

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4
115	32.8	26.8	40.2

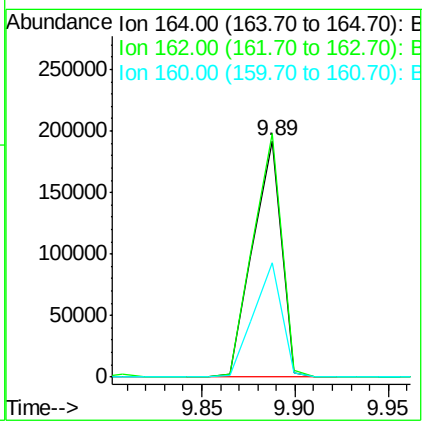


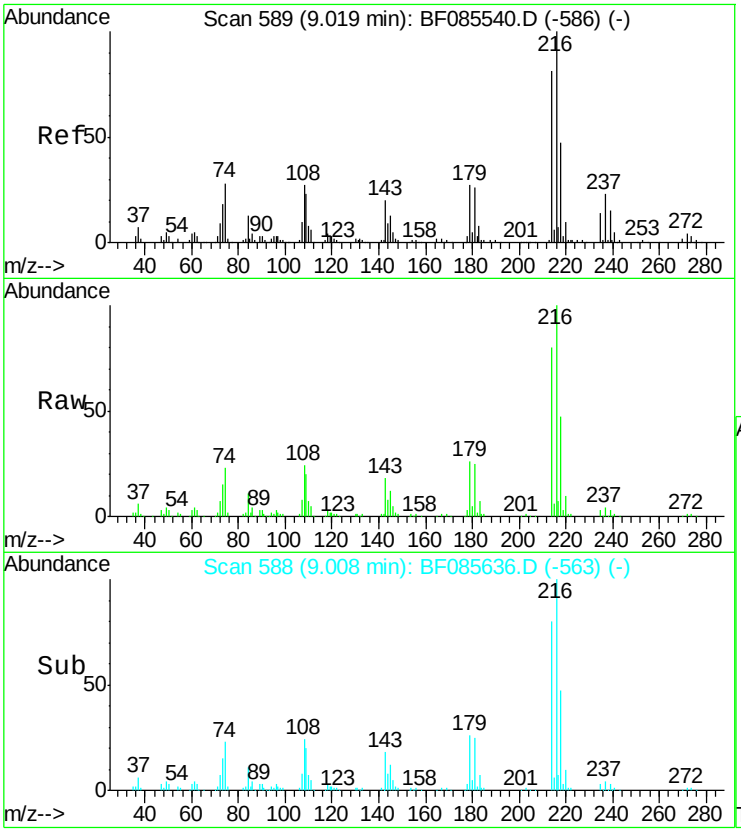


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:164 Resp: 202602

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	48.4	37.4	56.2



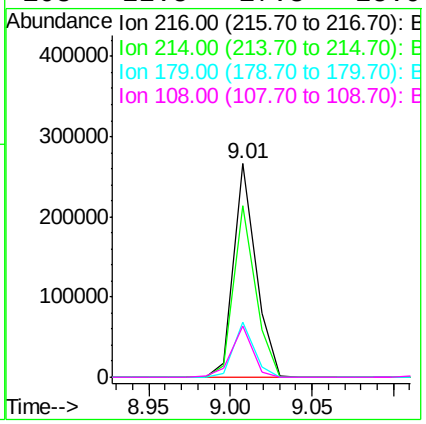


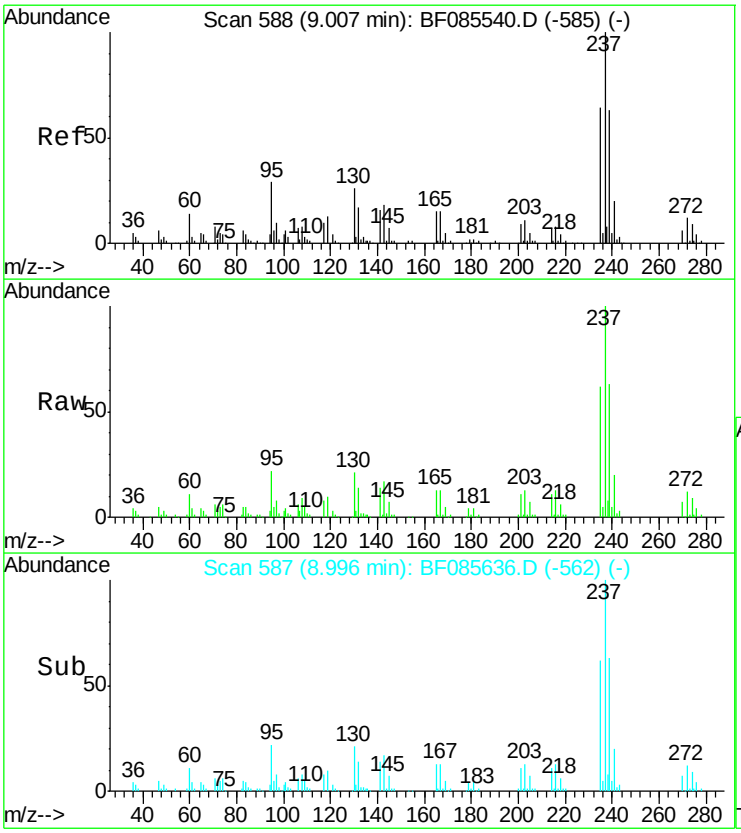
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.74 ng
RT: 9.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:216 Resp: 250369

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	23.7	18.2	27.2
108	22.5	17.3	25.9

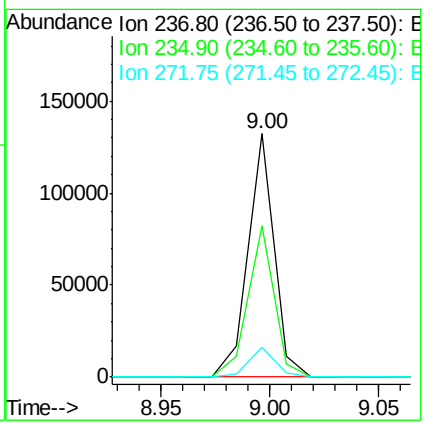


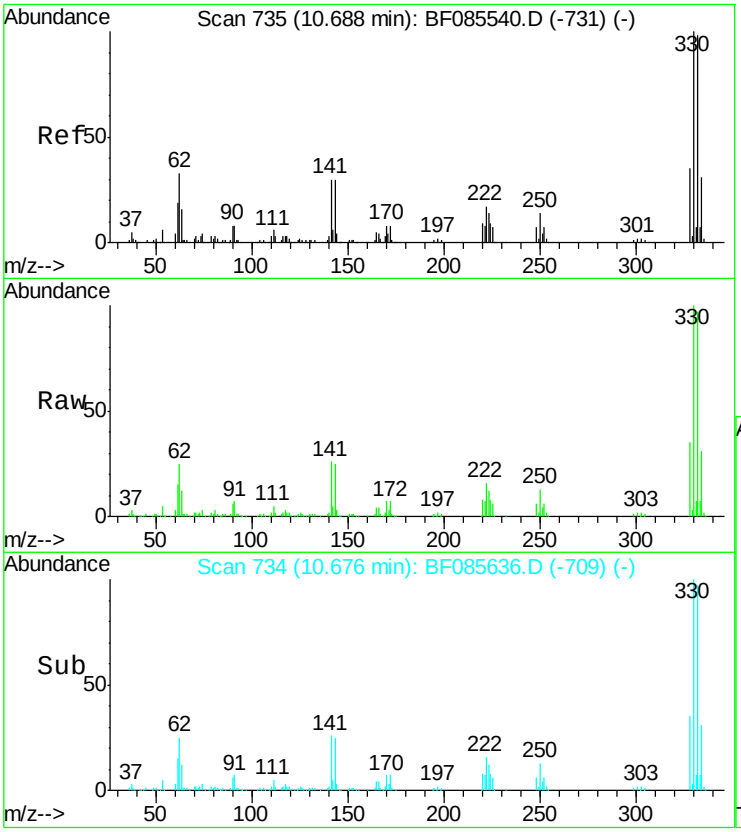


#40
Hexachlorocyclopentadiene
Concen: 39.92 ng
RT: 9.00 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:237 Resp: 110582

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.7	83.7
272	12.1	0.0	31.9



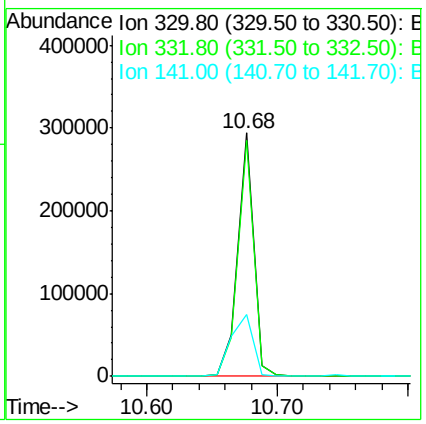


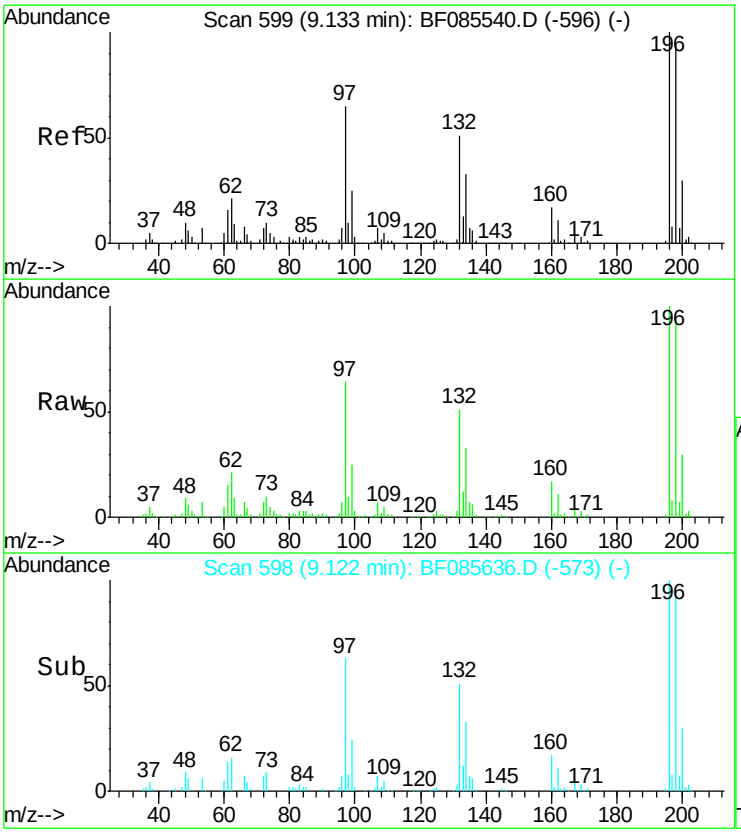
#41
2,4,6-Tribromophenol
Concen: 125.61 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:330 Resp: 249293

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	35.8	31.5	47.3

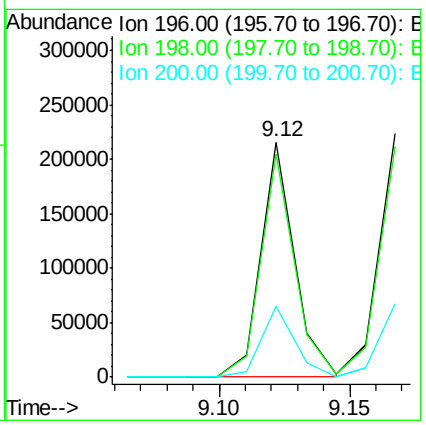


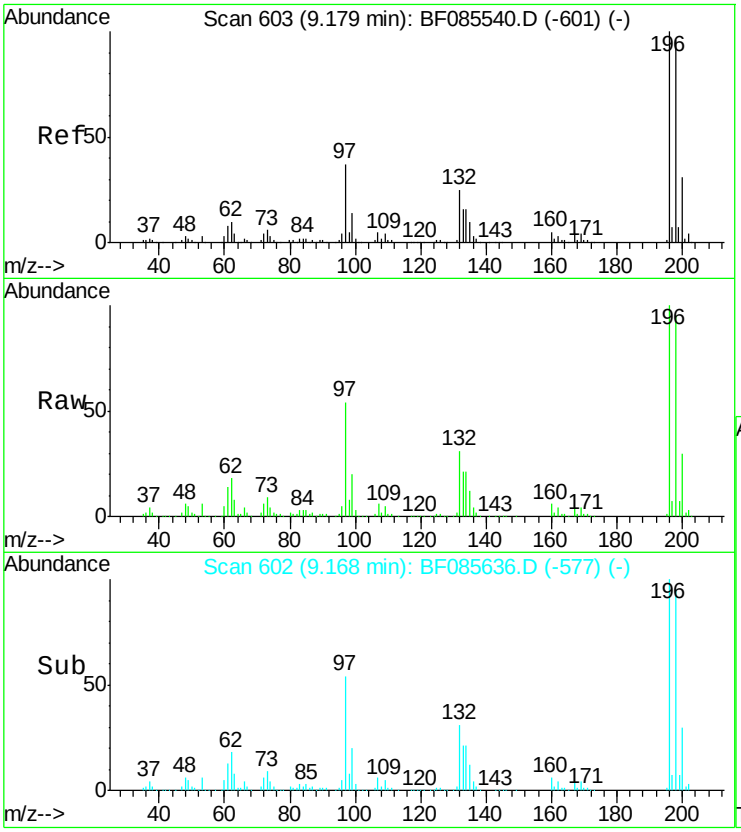


#42
2,4,6-Trichlorophenol
Concen: 45.48 ng
RT: 9.12 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:196 Resp: 191342

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.3	112.9
200	30.0	23.7	35.5



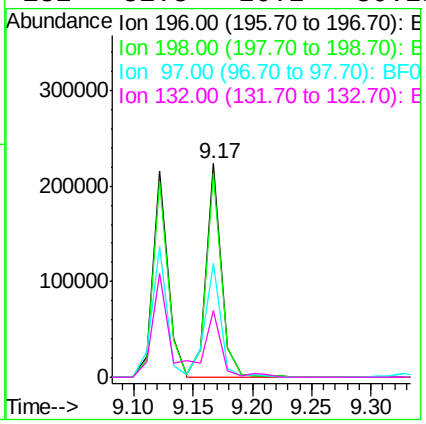


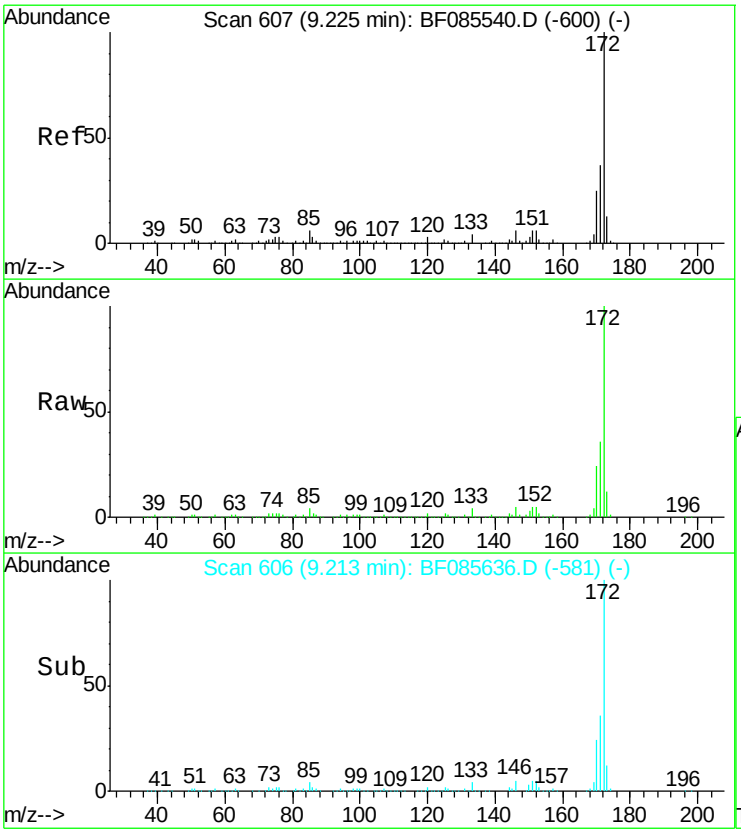
#43
2,4,5-Trichlorophenol
Concen: 46.65 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:196 Resp: 199718

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	114.8
97	53.5	30.5	45.7#
132	31.3	20.2	30.2#

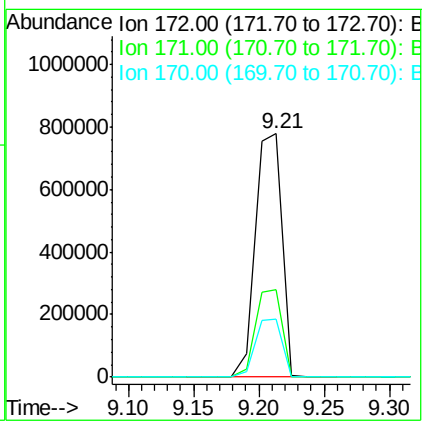


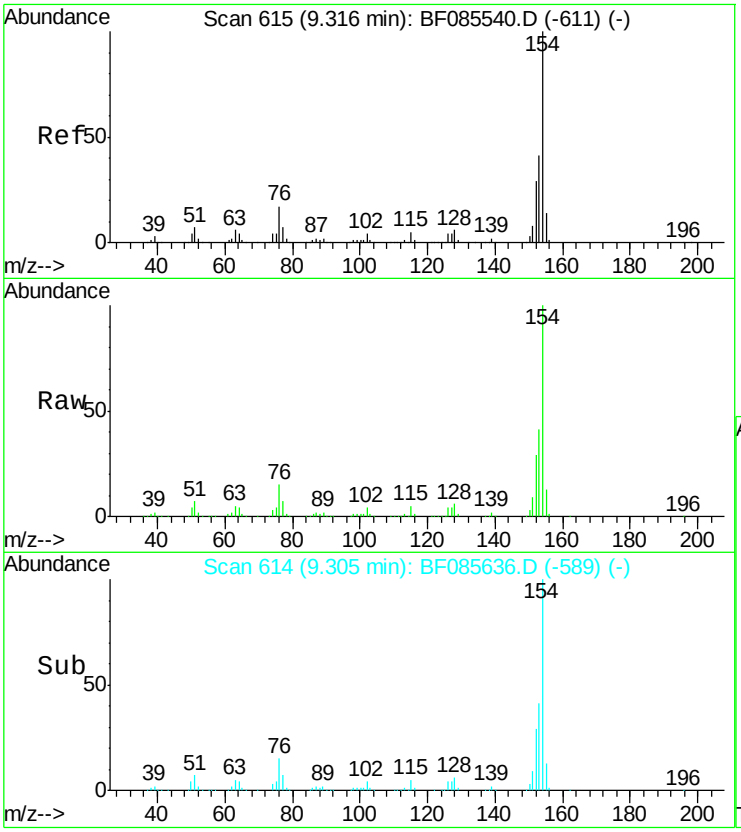


#44
2-Fluorobiphenyl
Concen: 96.52 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:172 Resp: 1107545

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	23.8	19.8	29.6



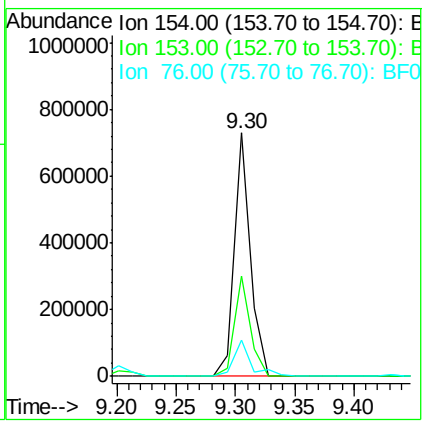


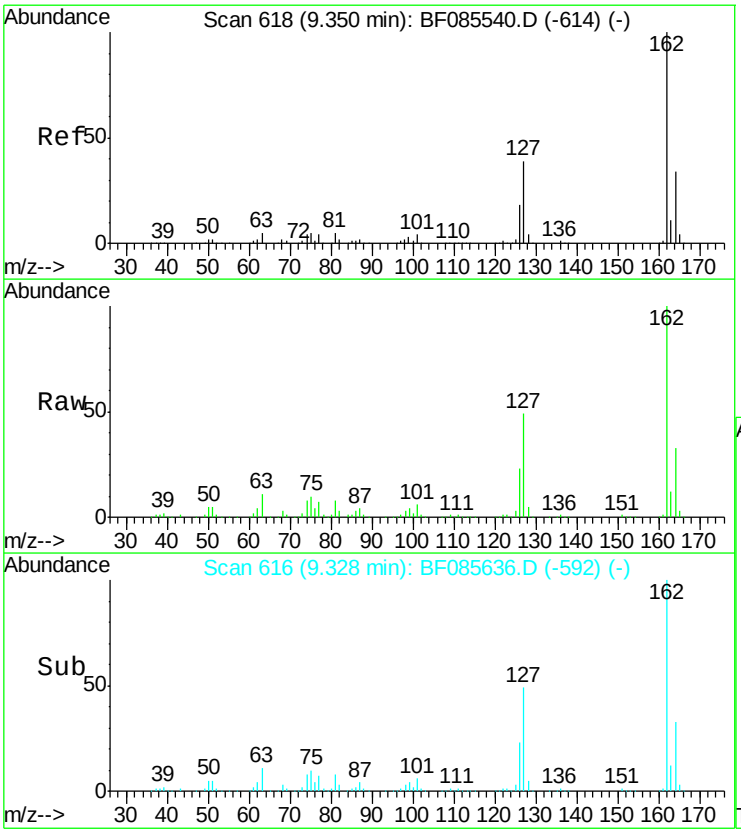
#45
1,1'-Biphenyl
Concen: 39.35 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:154 Resp: 687672

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	15.1	0.0	36.7

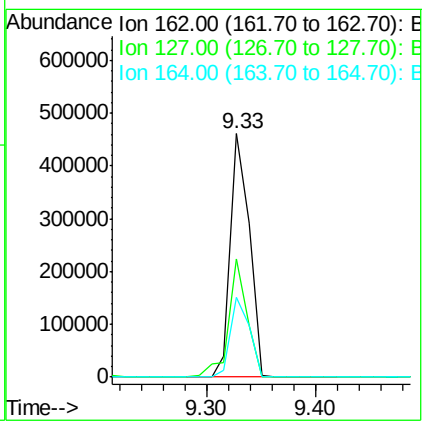


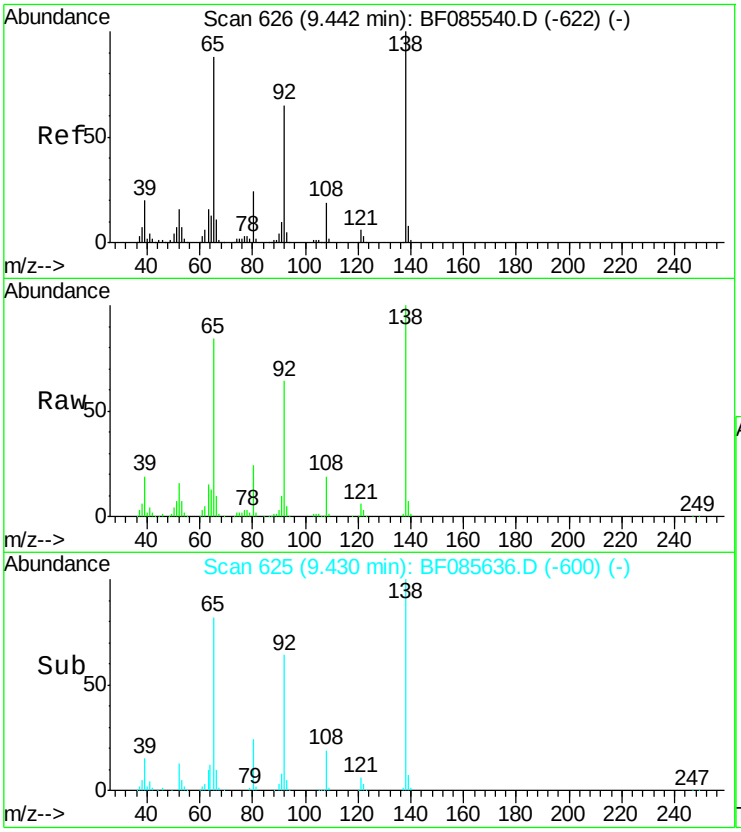


#46
2-Chloronaphthalene
Concen: 42.80 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:162 Resp: 546455

Ion	Ratio	Lower	Upper
162	100		
127	48.6	31.7	47.5#
164	32.5	27.3	40.9



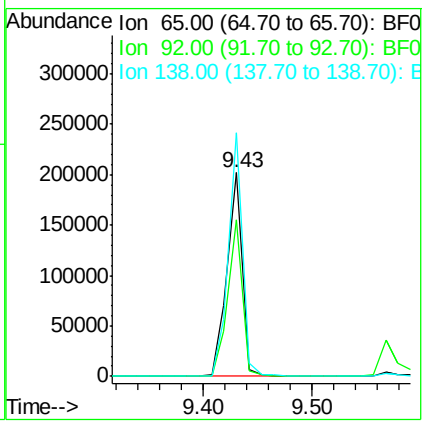


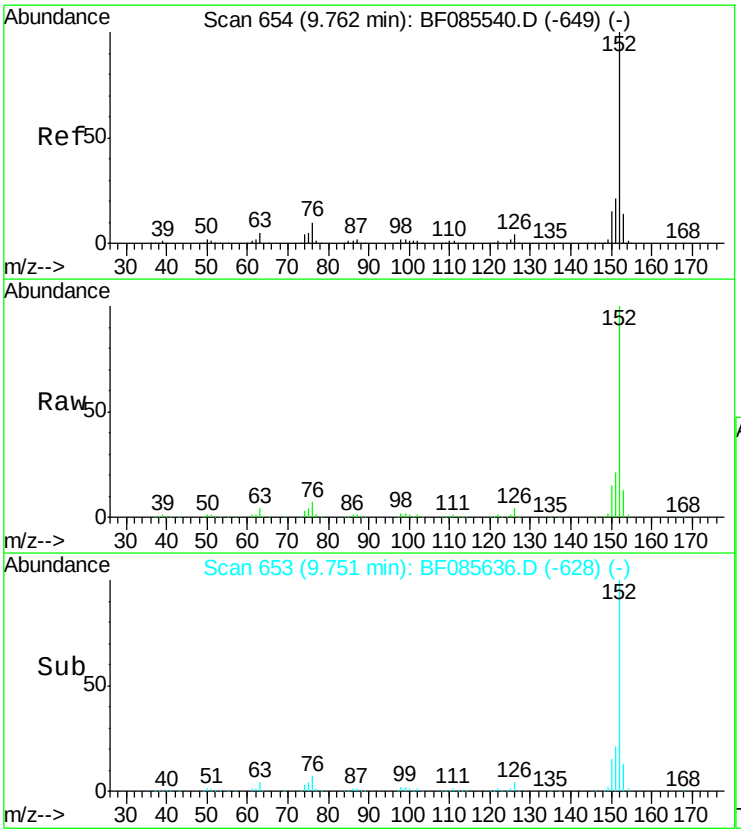
#47
2-Nitroaniline
Concen: 50.51 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion: 65 Resp: 195073

Ion	Ratio	Lower	Upper
65	100		
92	77.1	59.7	89.5
138	119.6	91.4	137.0

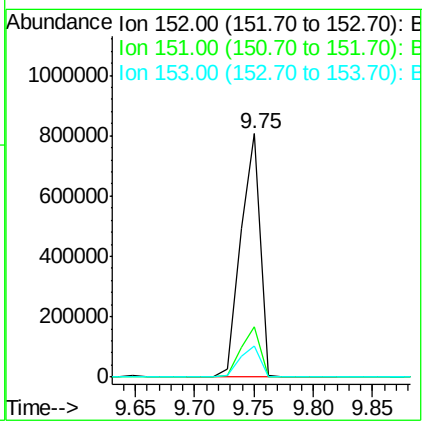


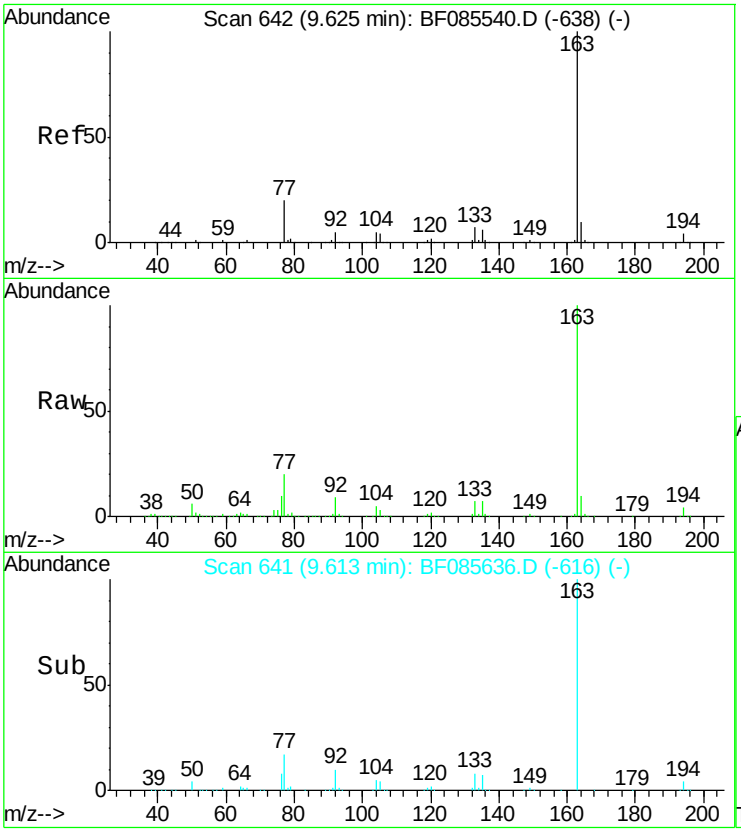


#48
Acenaphthylene
Concen: 44.37 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:152 Resp: 916678

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.7	10.9	16.3



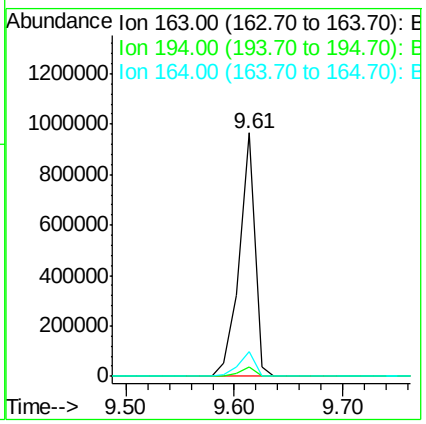


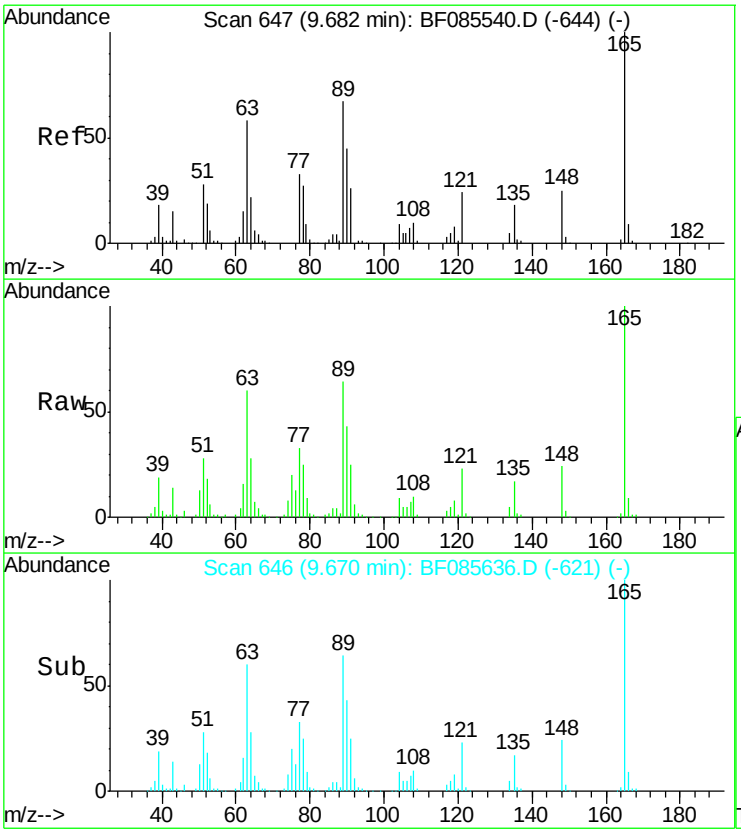
#49
Dimethylphthalate
Concen: 61.94 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:163 Resp: 946925

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.4	8.3	12.5

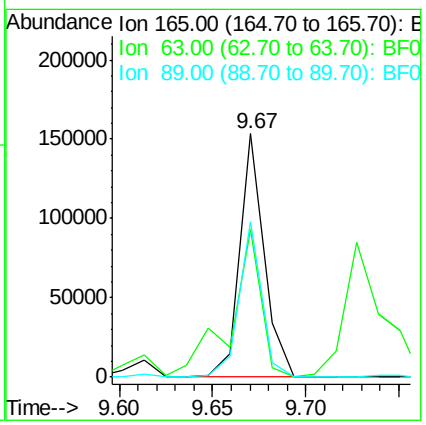


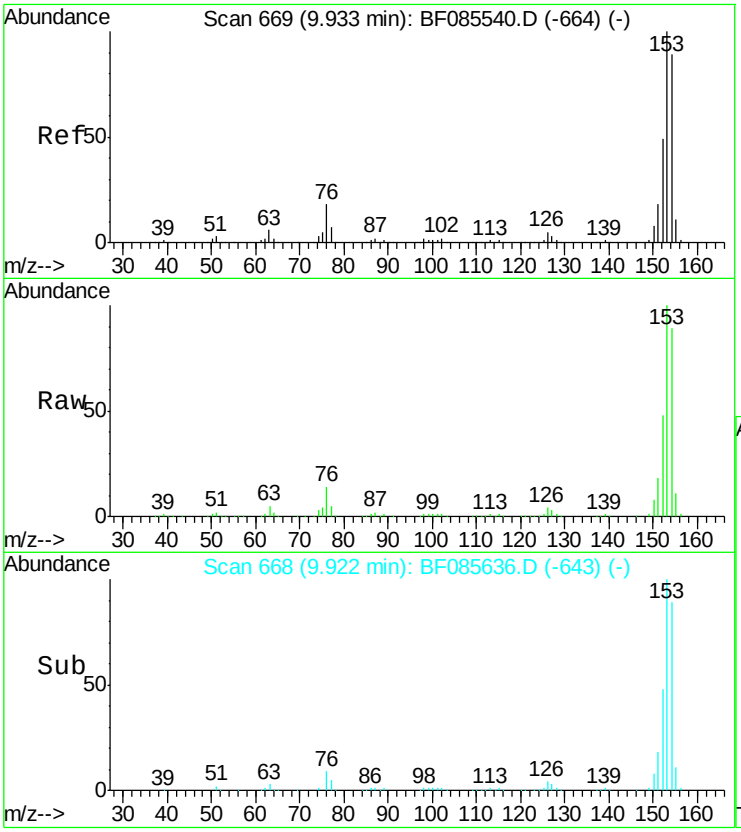


#50
2,6-Dinitrotoluene
Concen: 43.35 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:165 Resp: 139921

Ion	Ratio	Lower	Upper
165	100		
63	60.4	51.8	77.8
89	64.0	53.7	80.5



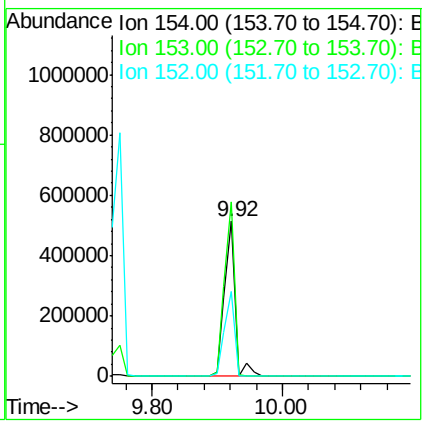


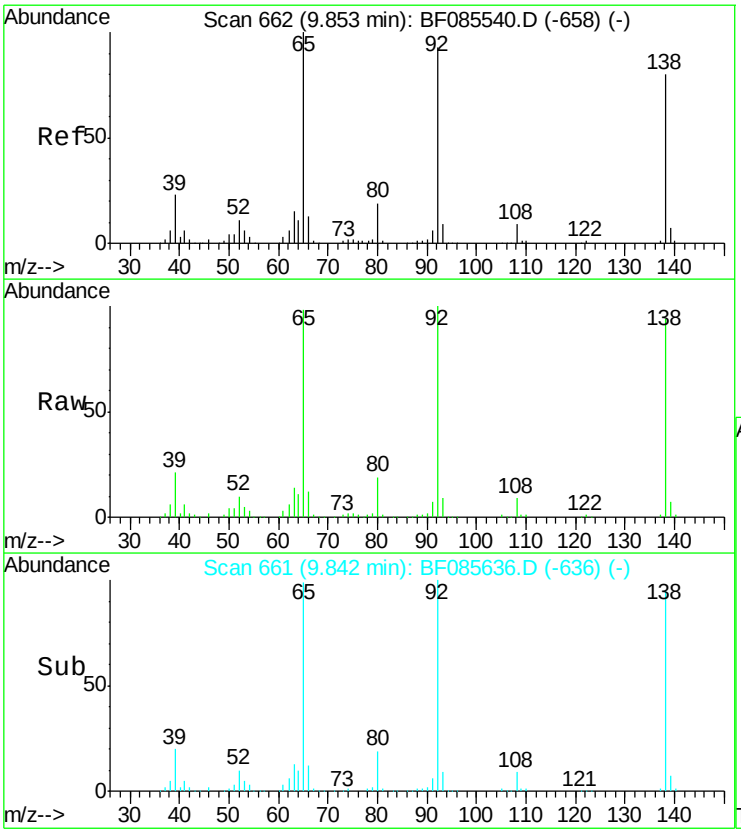
#51
Acenaphthene
Concen: 45.55 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:154 Resp: 590623

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	54.6	44.2	66.2

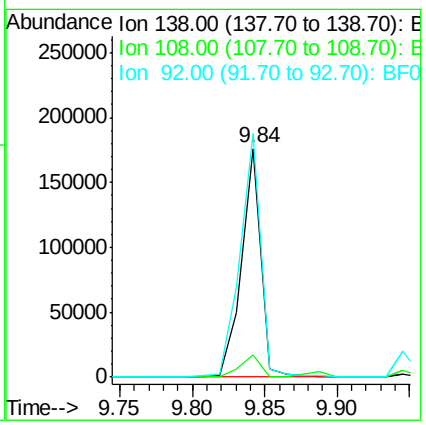


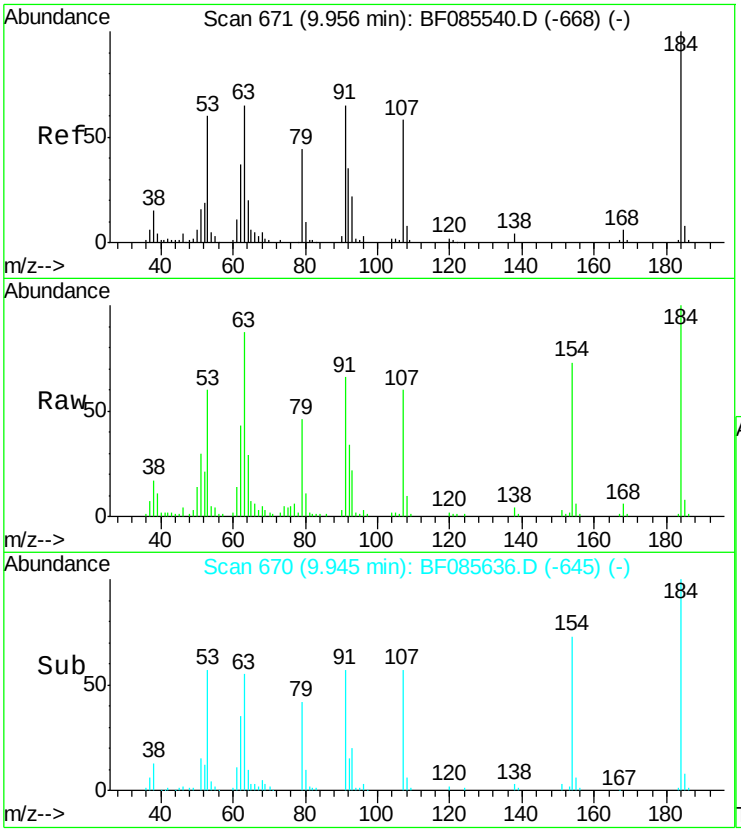


#52
3-Nitroaniline
Concen: 40.29 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:138 Resp: 162886

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.7	13.1
92	106.4	93.3	139.9



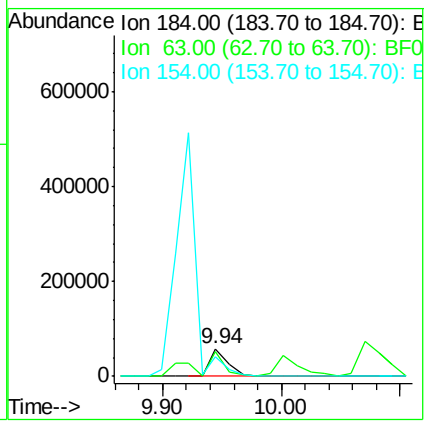


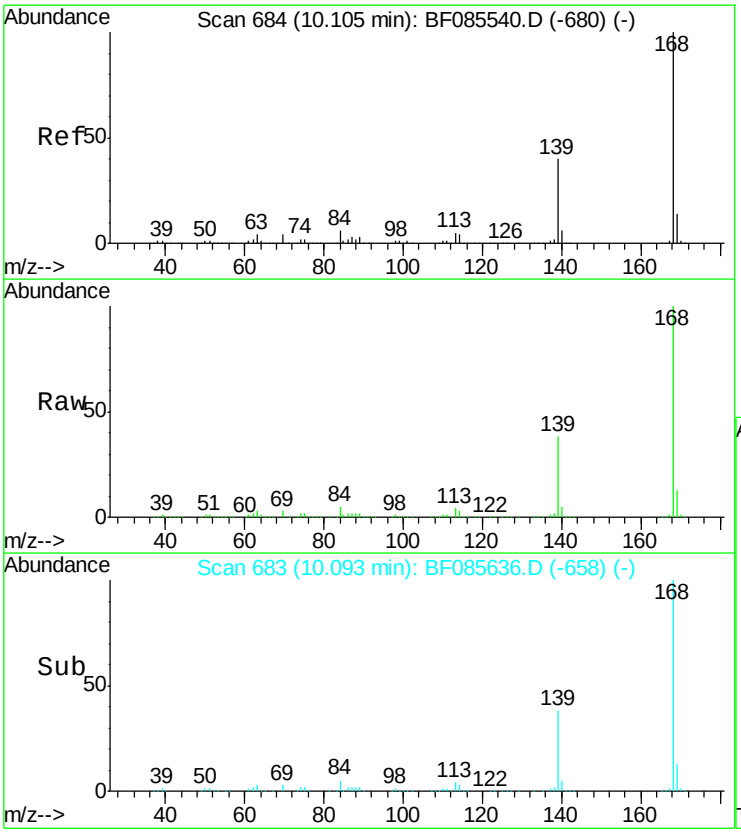
#53
2,4-Dinitrophenol
Concen: 33.26 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:184 Resp: 65769

Ion	Ratio	Lower	Upper
184	100		
63	87.1	69.5	104.3
154	72.8	58.3	87.5

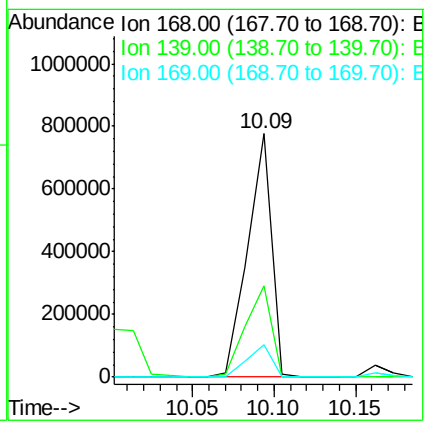


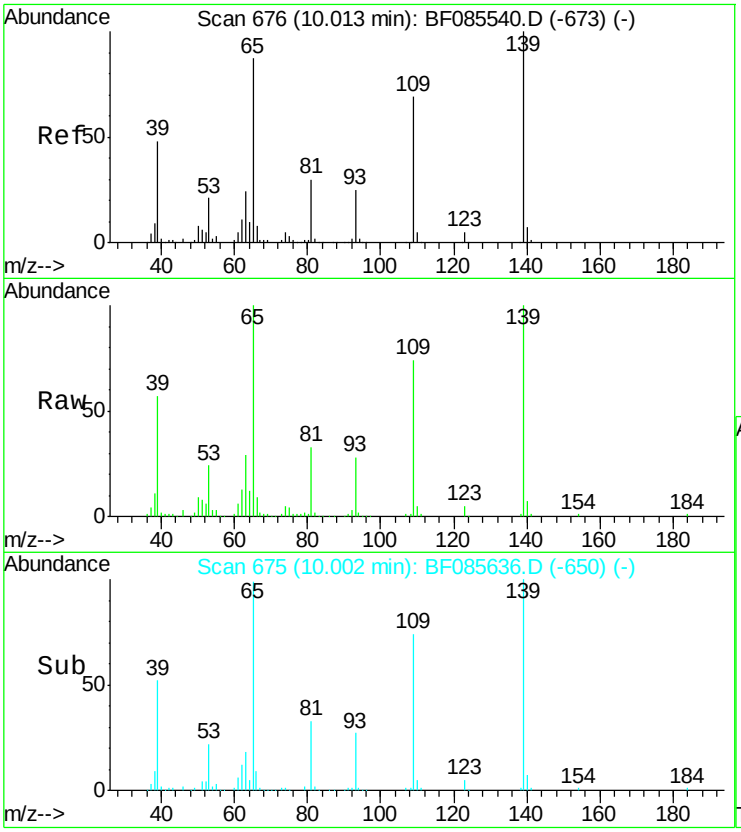


#54
Dibenzofuran
Concen: 49.97 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:168 Resp: 789040

Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.9	47.9
169	13.2	11.0	16.6



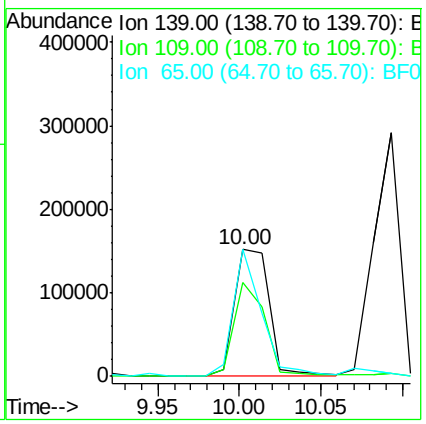


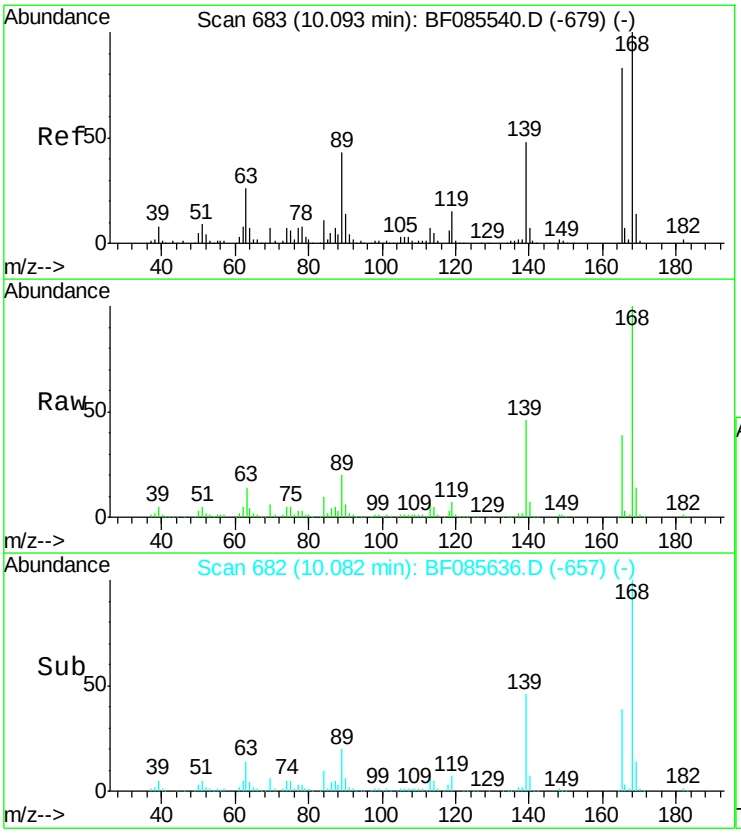
#55
4-Nitrophenol
Concen: 71.27 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:139 Resp: 222675

Ion	Ratio	Lower	Upper
139	100		
109	74.4	49.2	89.2
65	99.9	66.9	106.9

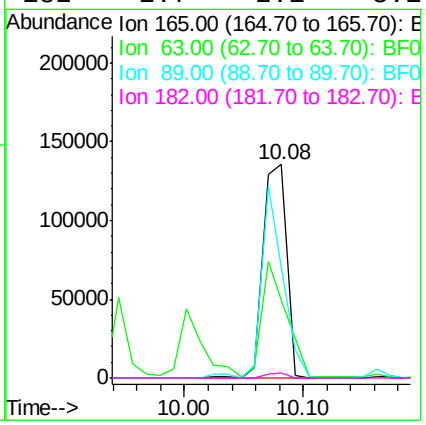


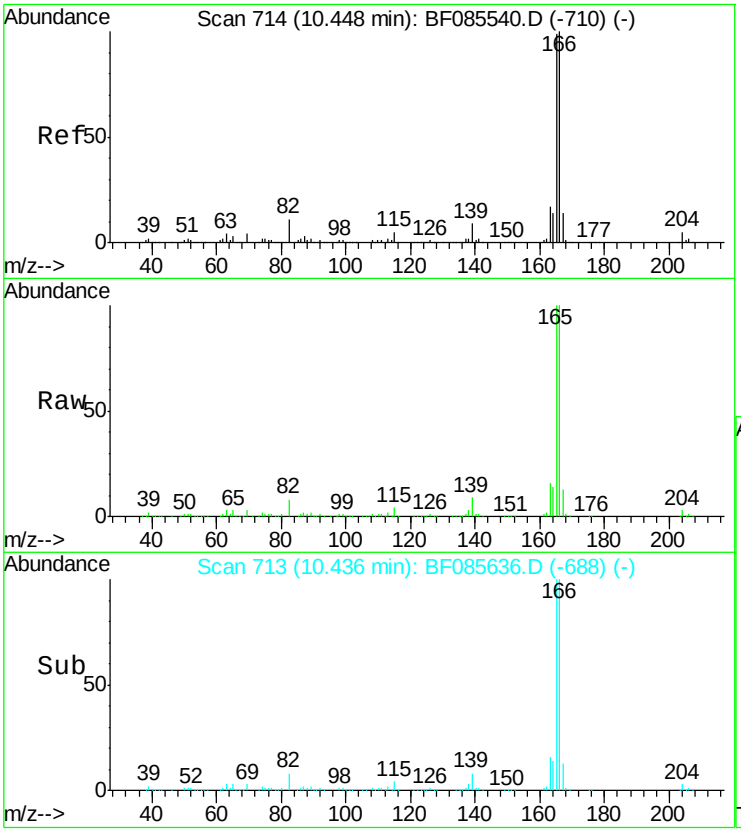


#56
2,4-Dinitrotoluene
Concen: 44.66 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:165 Resp: 188741

Ion	Ratio	Lower	Upper
165	100		
63	36.8	24.9	37.3
89	52.0	41.0	61.6
182	2.7	2.1	3.1



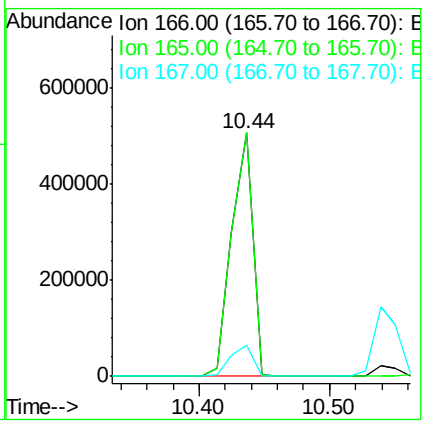


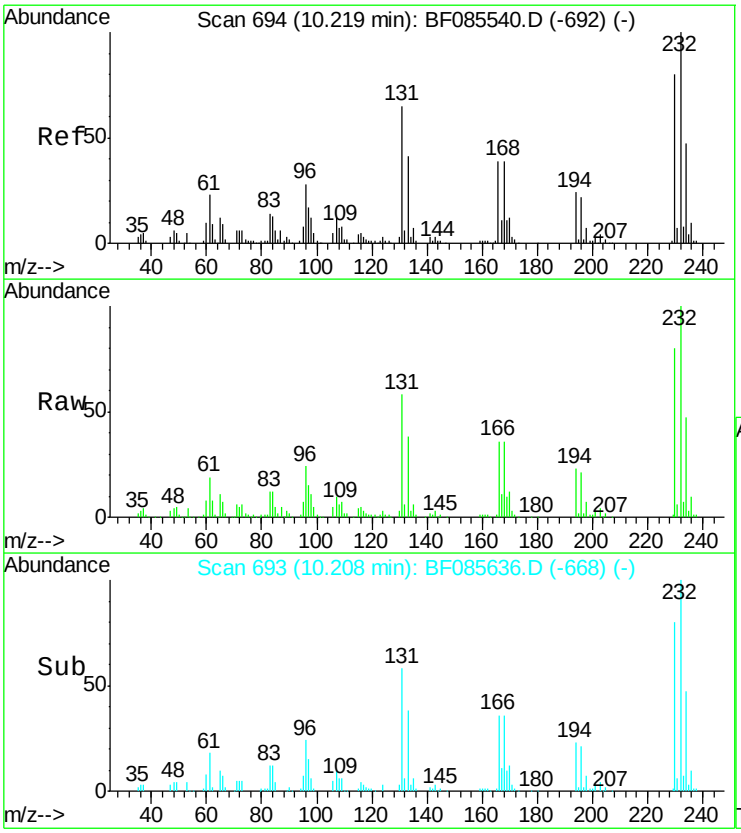
#57
Fluorene
Concen: 43.24 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:166 Resp: 569029

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.4	119.0
167	13.0	11.0	16.4

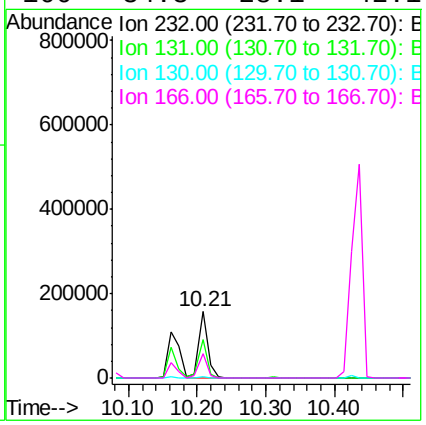


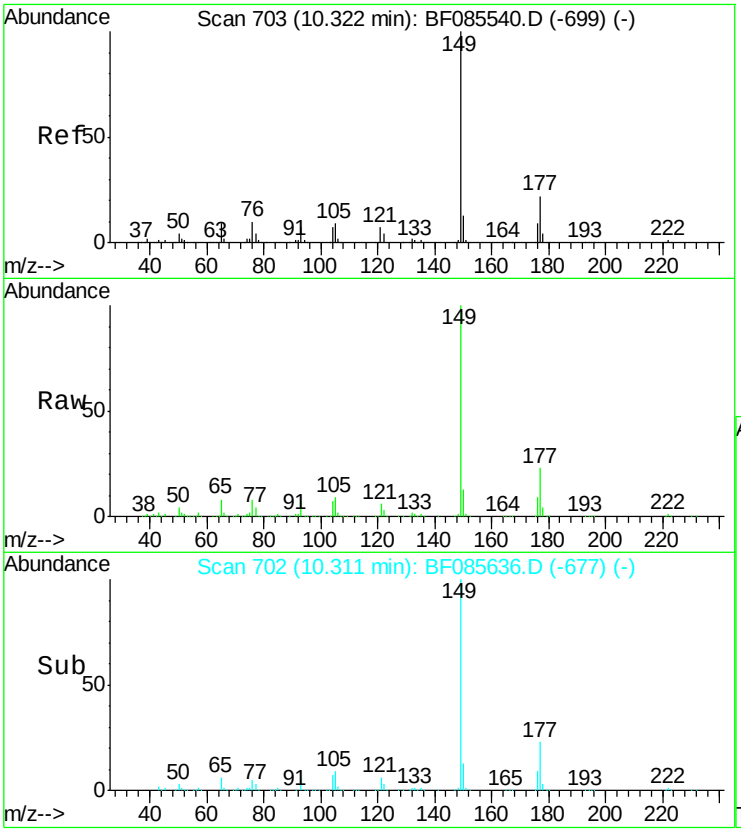


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.26 ng
RT: 10.21 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:232 Resp: 142600

Ion	Ratio	Lower	Upper
232	100		
131	55.4	44.9	67.3
130	2.8	2.3	3.5
166	34.3	28.1	42.1



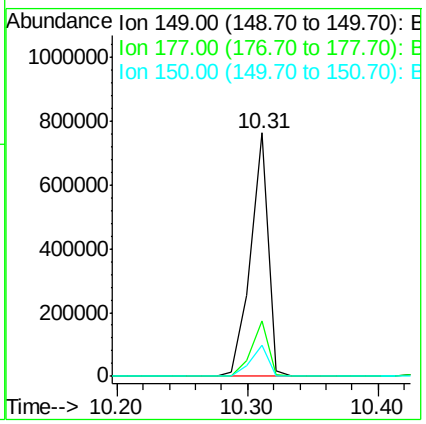


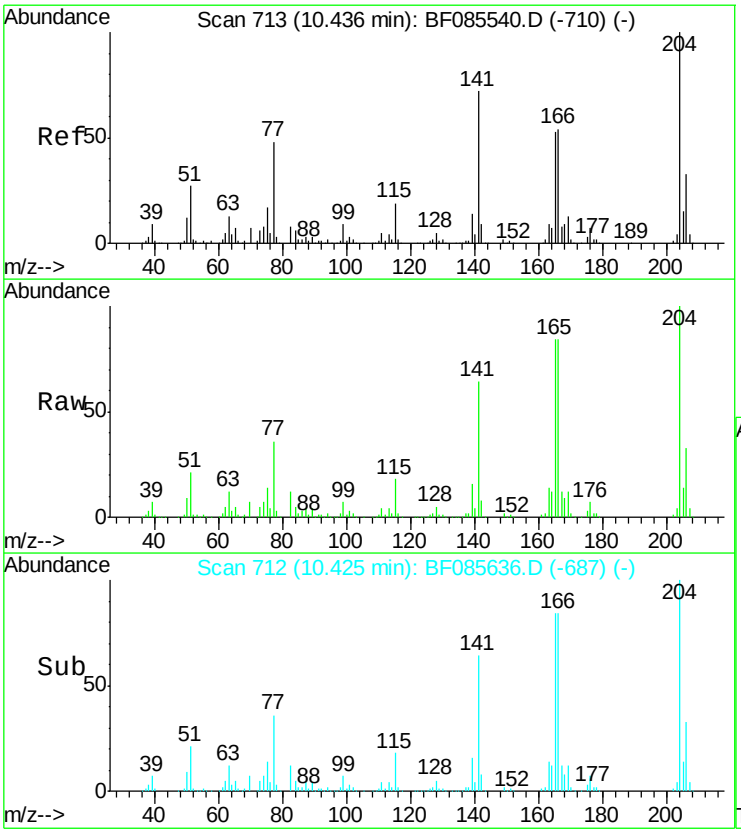
#59
Diethylphthalate
Concen: 47.43 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:149 Resp: 720969

Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.9	26.9
150	12.6	10.2	15.2

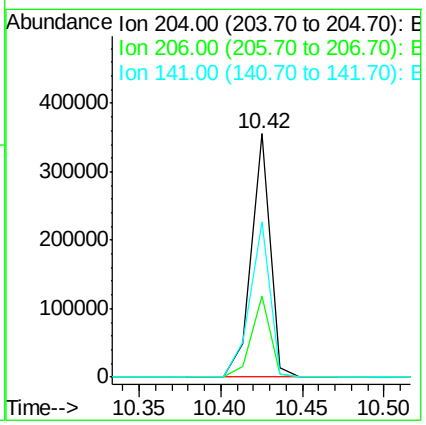


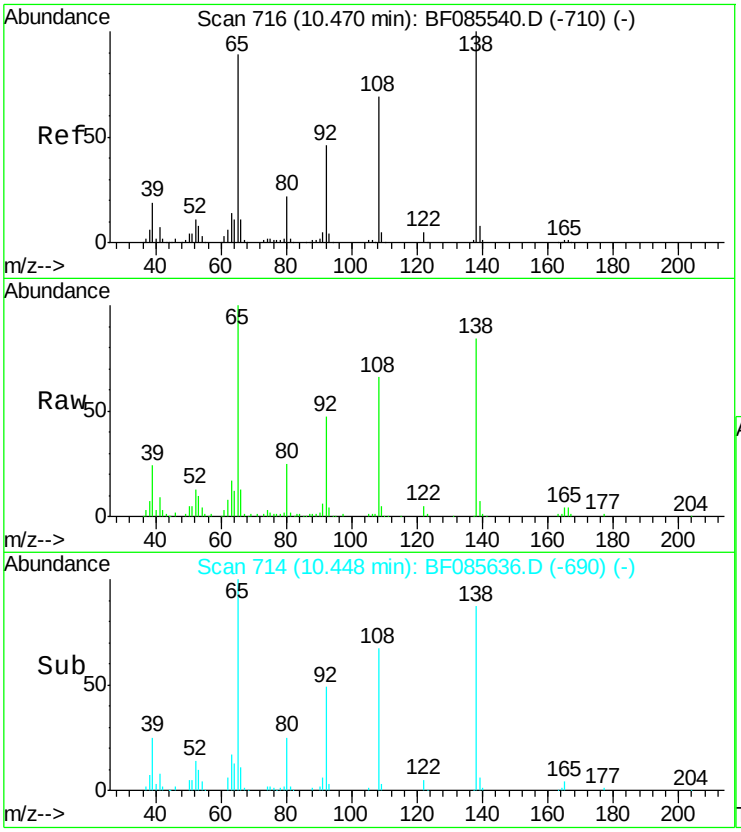


#60
4-Chlorophenyl-phenylether
Concen: 44.81 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:204 Resp: 287915

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	63.6	57.4	86.0



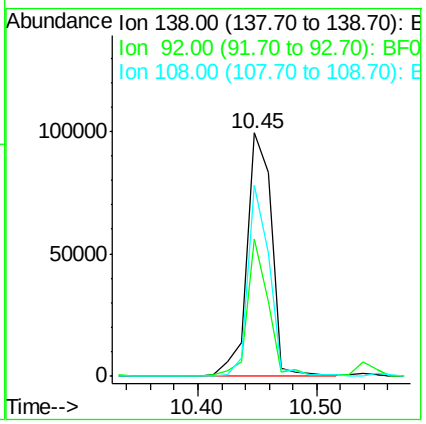


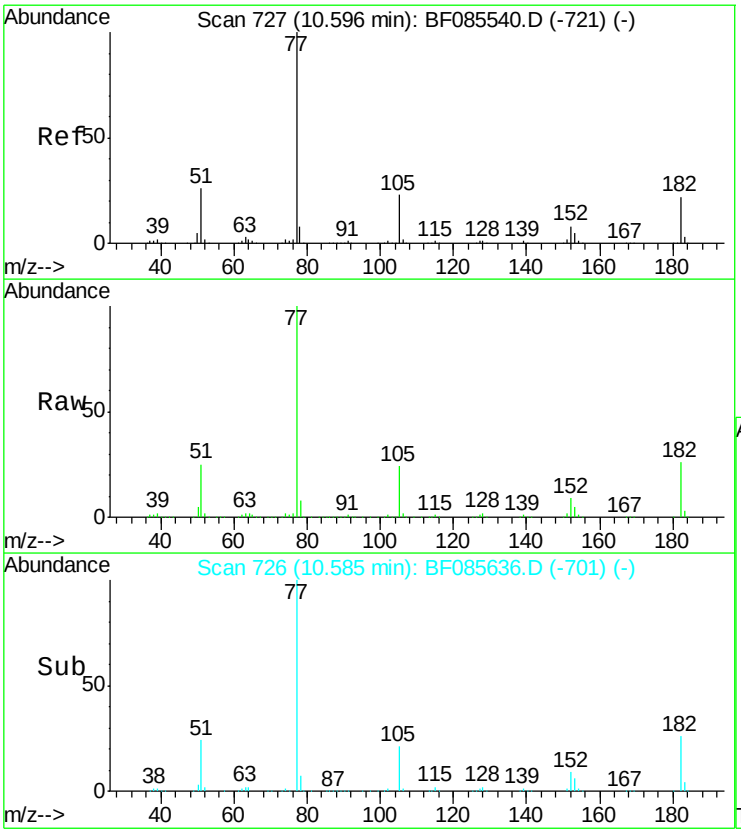
#61
4-Nitroaniline
Concen: 36.22 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:138 Resp: 144331

Ion	Ratio	Lower	Upper
138	100		
92	56.2	26.4	66.4
108	78.3	49.0	89.0

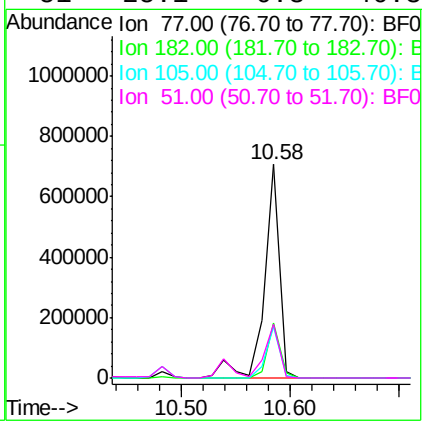


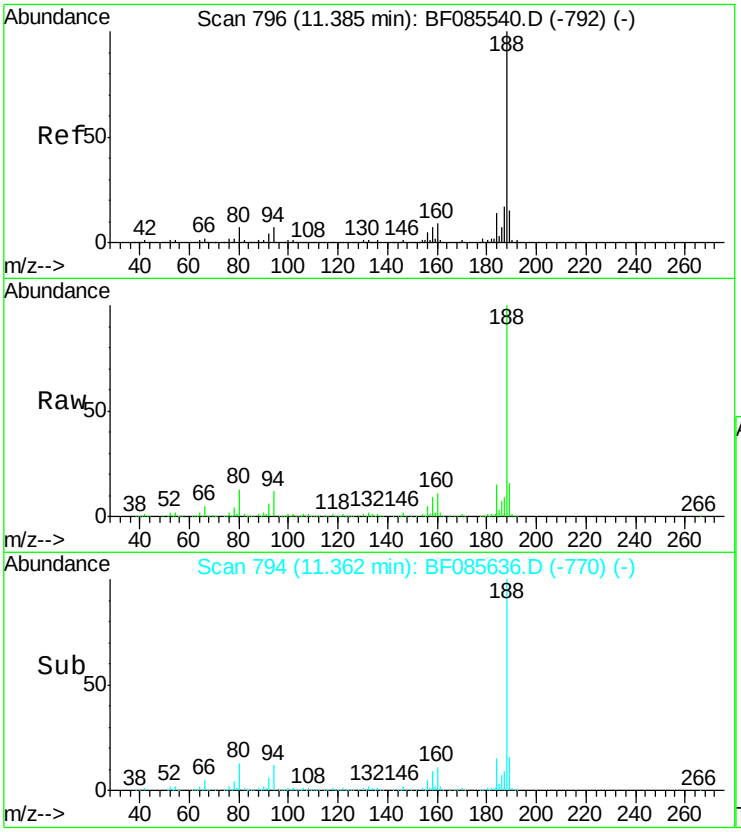


#62
Azobenzene
Concen: 47.56 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion: 77 Resp: 693662

Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.9	41.9
105	24.3	3.5	43.5
51	25.1	6.3	46.3



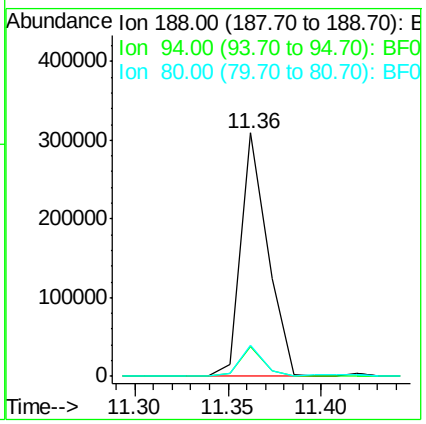


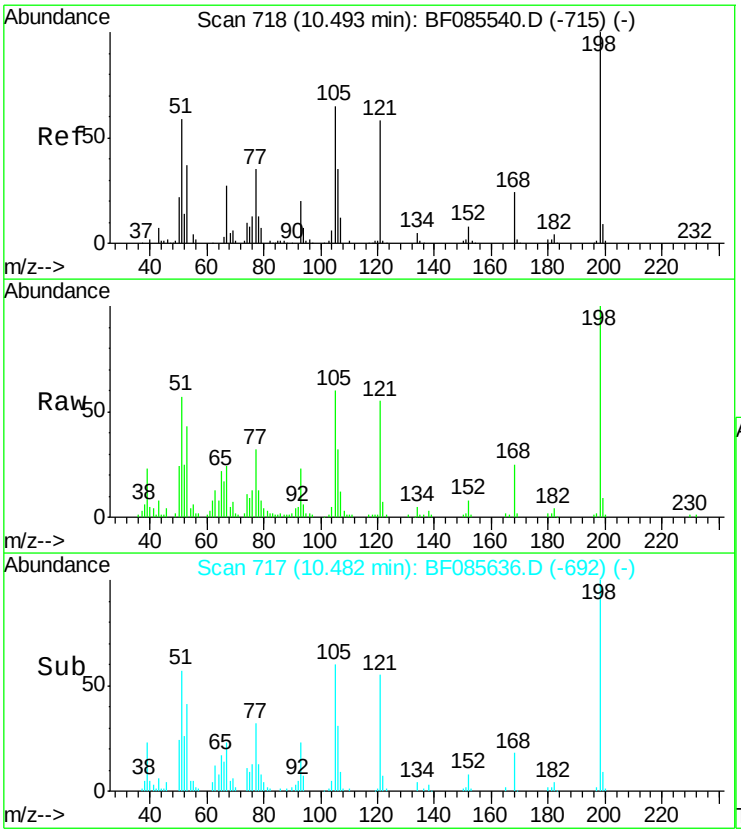
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:188 Resp: 309708

Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	12.9	5.5	8.3#

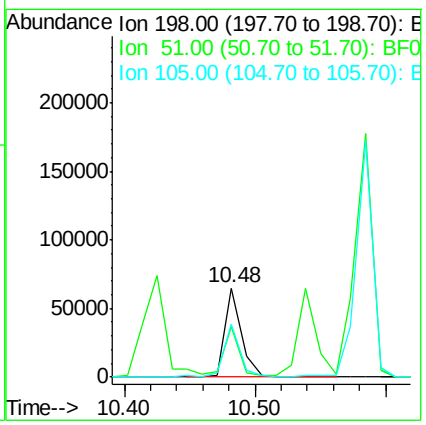


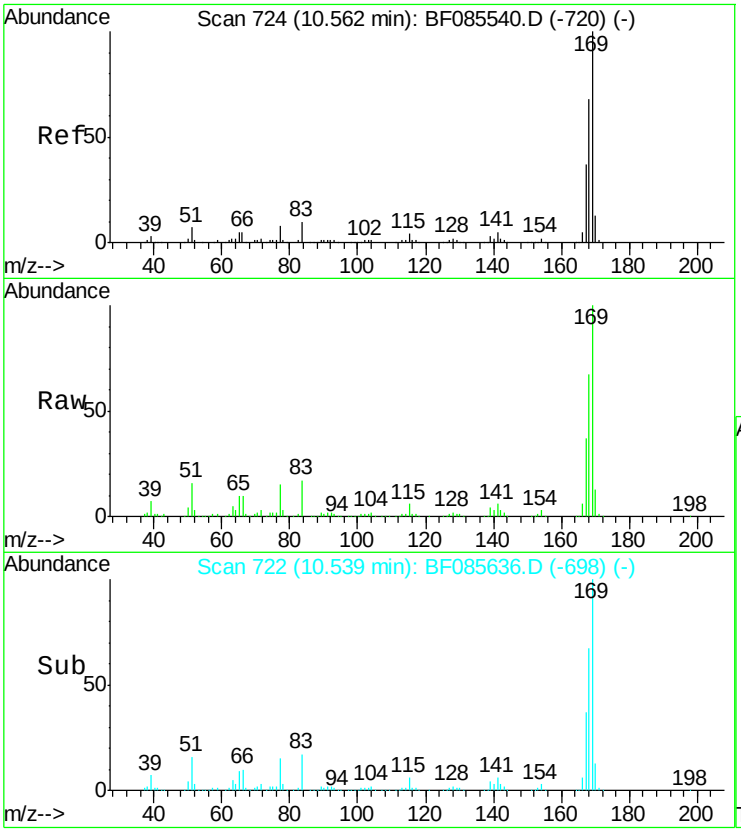


#64
4,6-Dinitro-2-methylphenol
Concen: 29.59 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:198 Resp: 58639

Ion	Ratio	Lower	Upper
198	100		
51	56.6	45.4	85.4
105	59.7	45.9	85.9



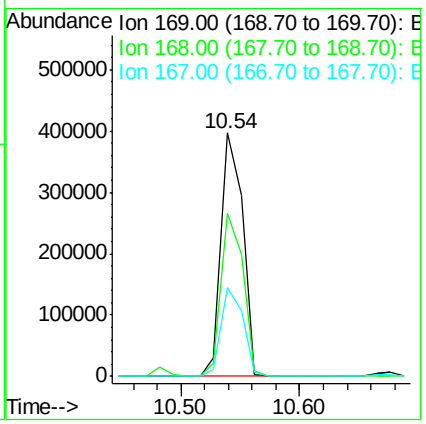


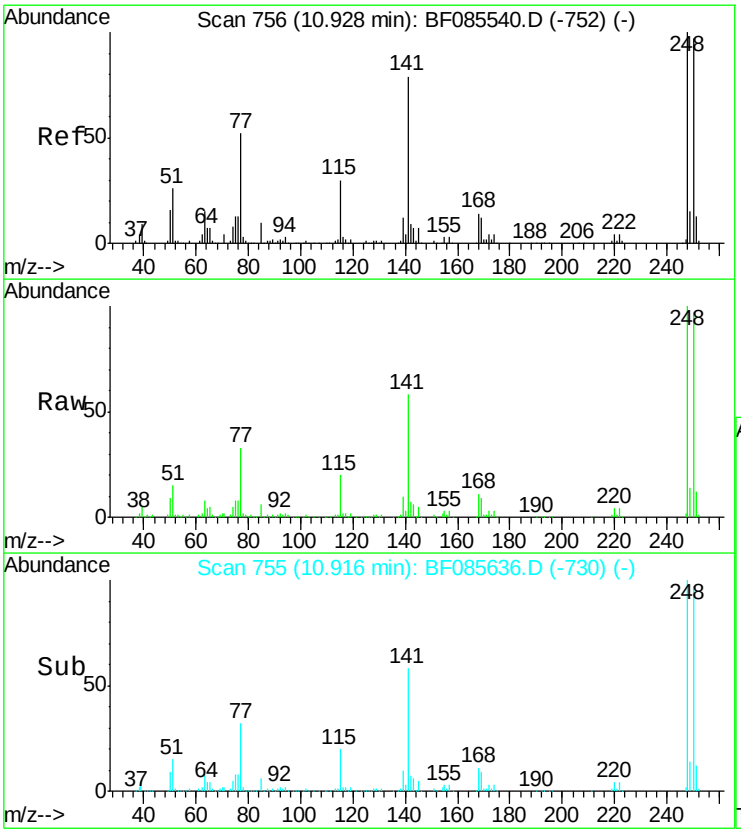
#65
n-Nitrosodiphenylamine
Concen: 52.00 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:169 Resp: 501704

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	36.5	29.4	44.0

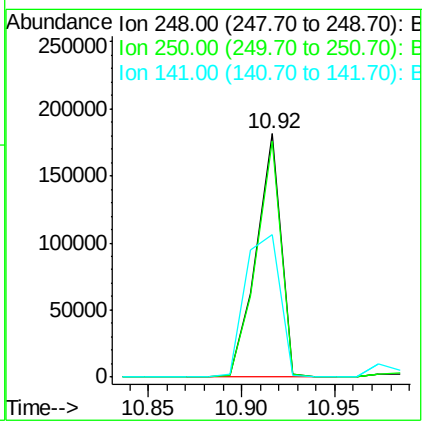


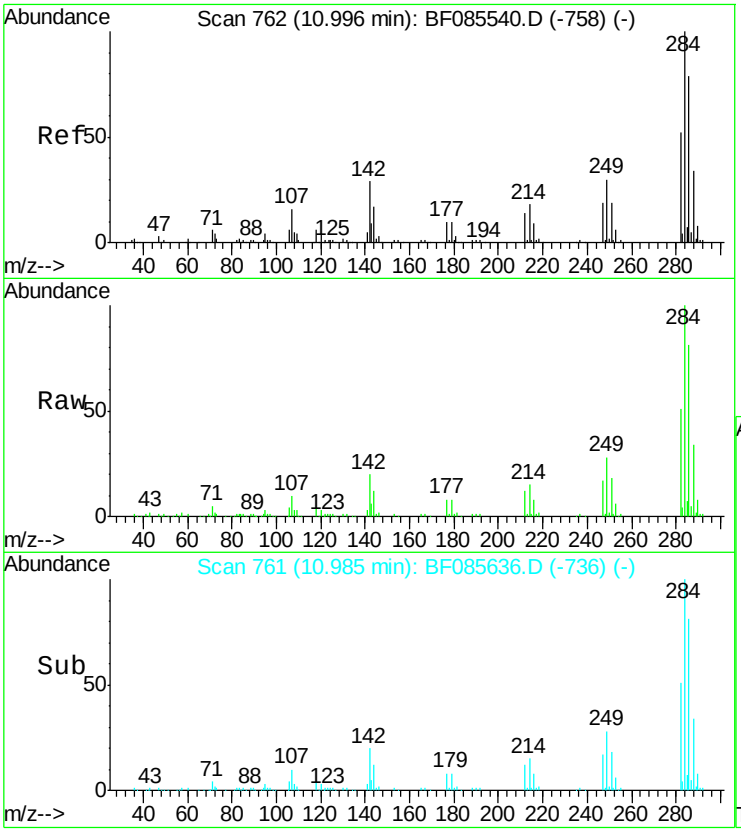


#66
4-Bromophenyl-phenylether
Concen: 55.10 ng
RT: 10.92 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:248 Resp: 170464

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.0
141	58.3	63.6	95.4#



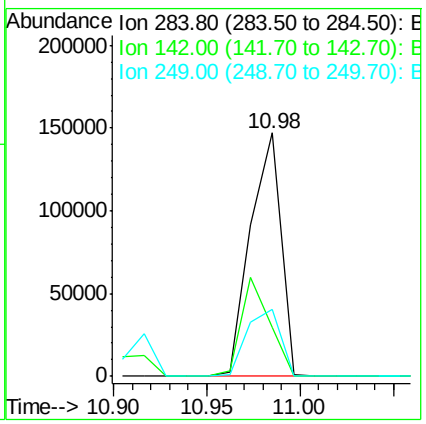


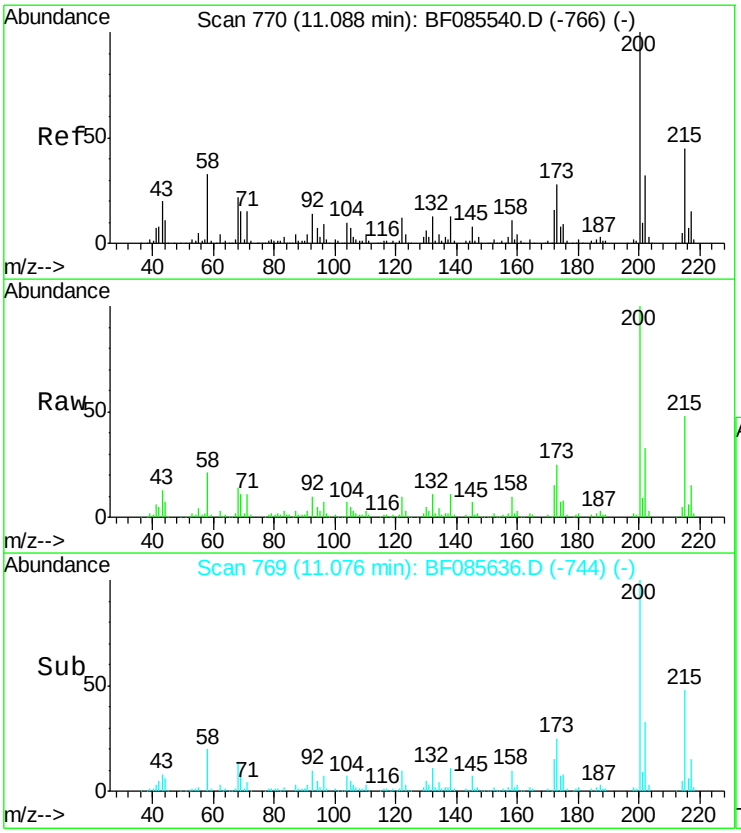
#67
Hexachlorobenzene
Concen: 50.64 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:284 Resp: 166466

Ion	Ratio	Lower	Upper
284	100		
142	19.9	23.1	34.7#
249	27.7	24.2	36.2

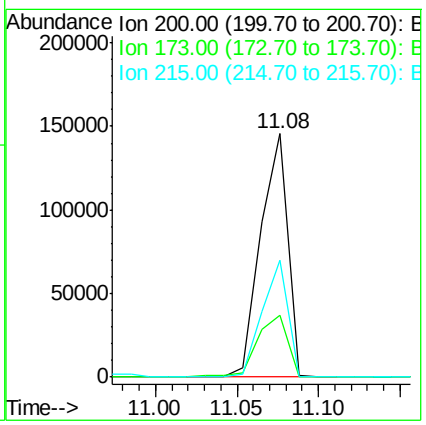


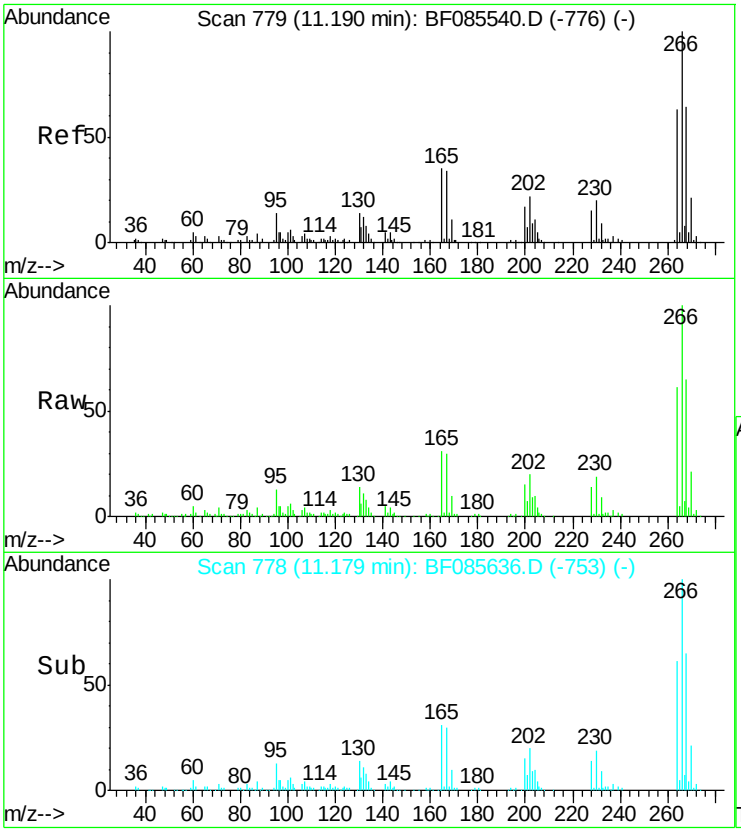


#68
Atrazine
Concen: 57.36 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:200 Resp: 168492

Ion	Ratio	Lower	Upper
200	100		
173	25.3	7.7	47.7
215	48.0	25.4	65.4



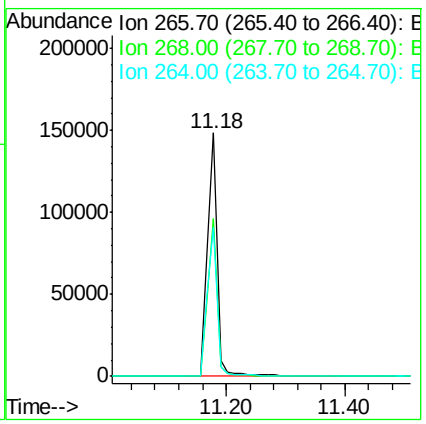


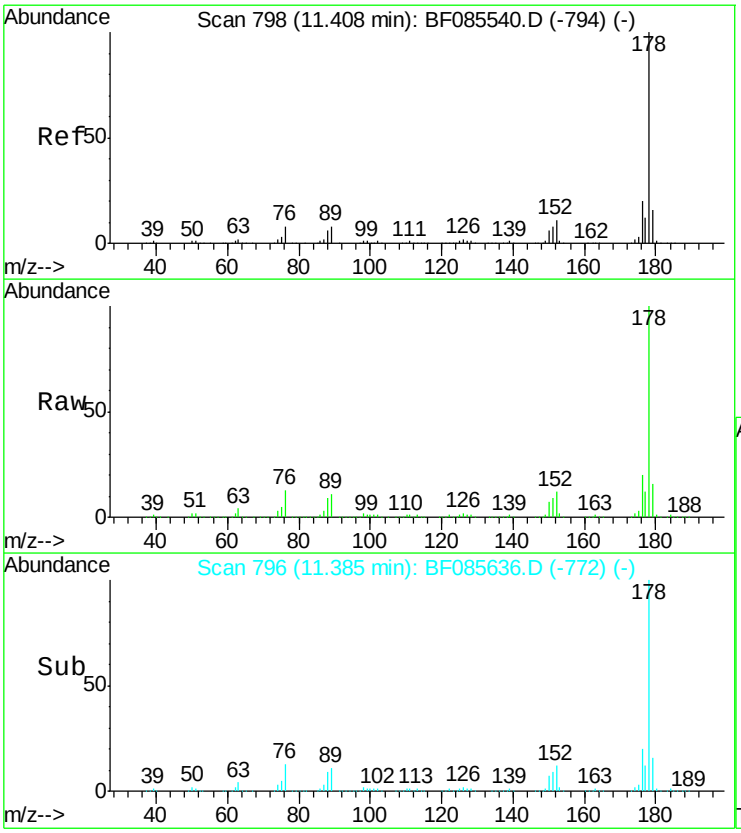
#69
Pentachlorophenol
Concen: 85.18 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:266 Resp: 169989

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.5	77.3
264	61.0	50.6	76.0

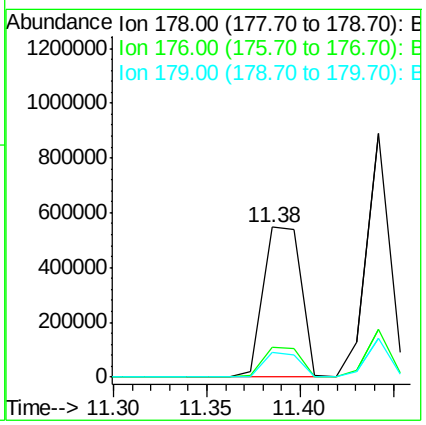


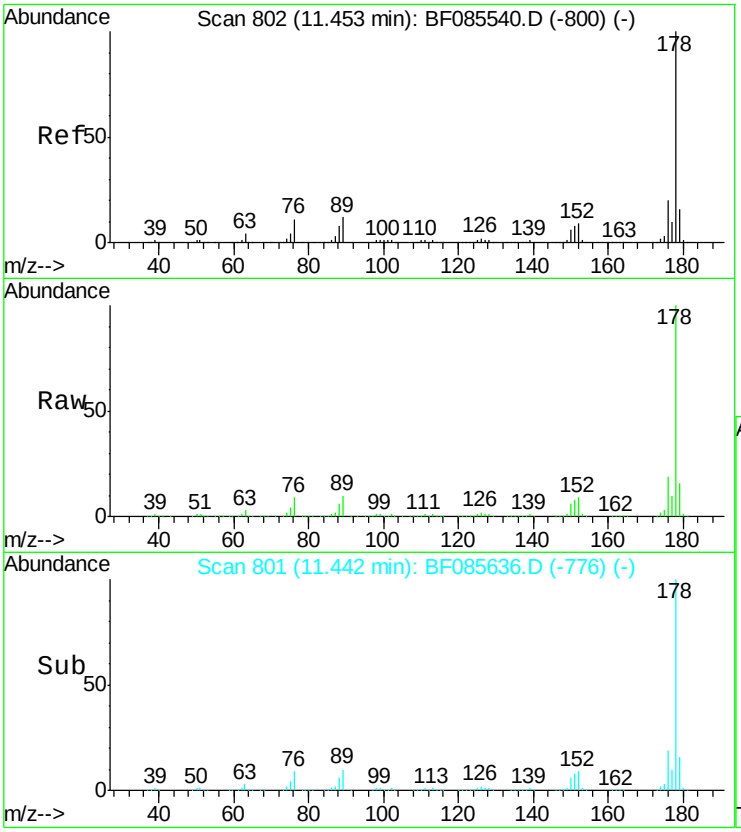


#70
Phenanthrene
Concen: 46.77 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:178 Resp: 763684

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.3	24.5
179	16.1	12.6	18.8



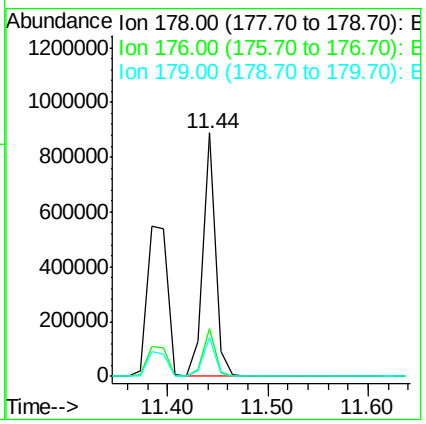


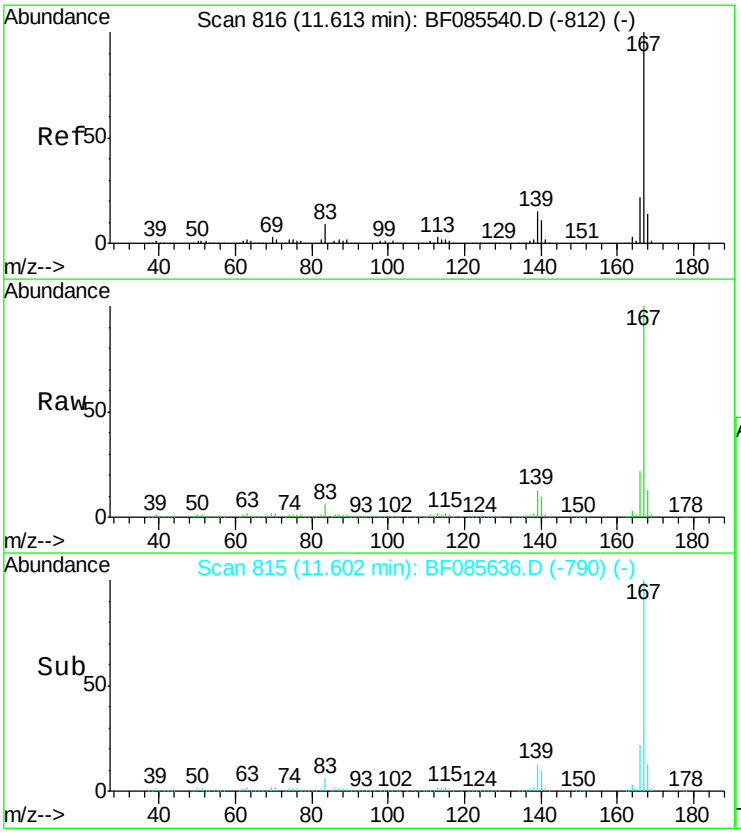
#71
Anthracene
Concen: 44.84 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:178 Resp: 767697

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.0	13.0	19.4

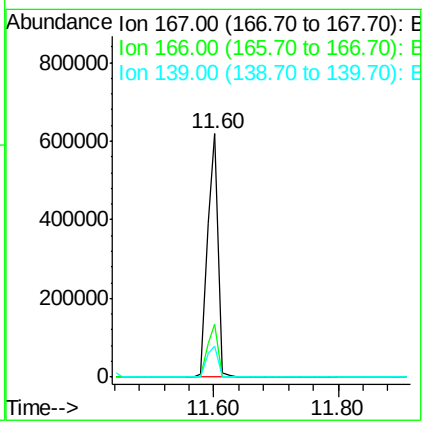


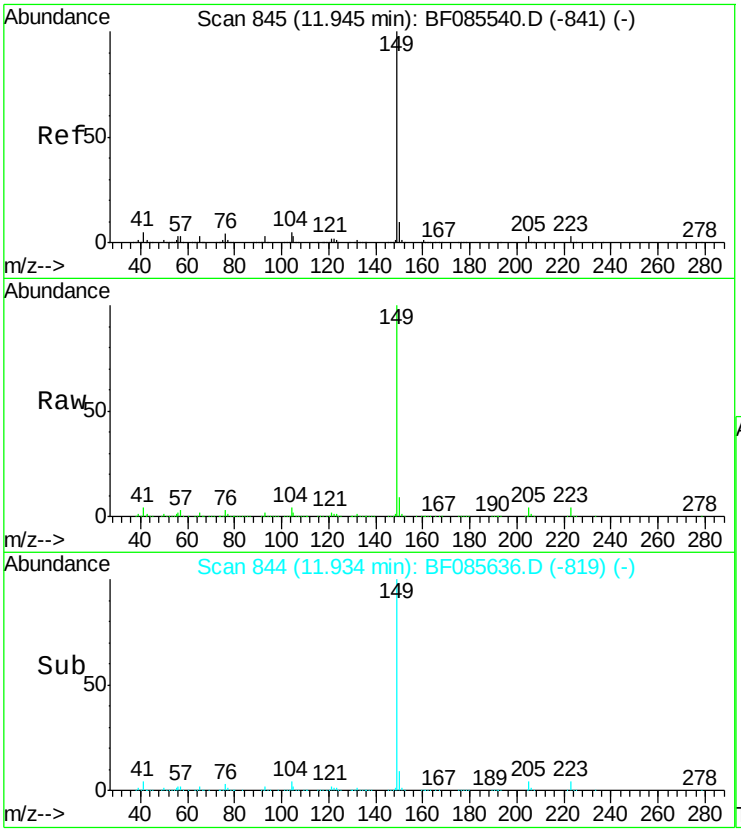


#72
Carbazole
Concen: 48.47 ng
RT: 11.60 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:167 Resp: 716026

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	12.9	11.6	17.4



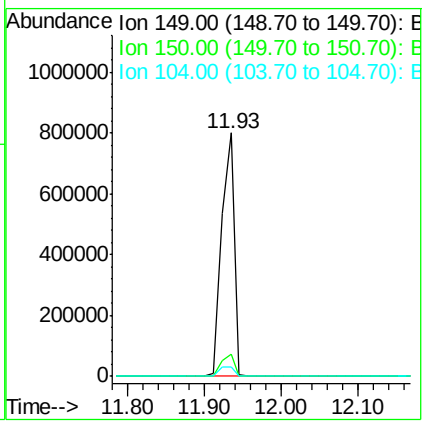


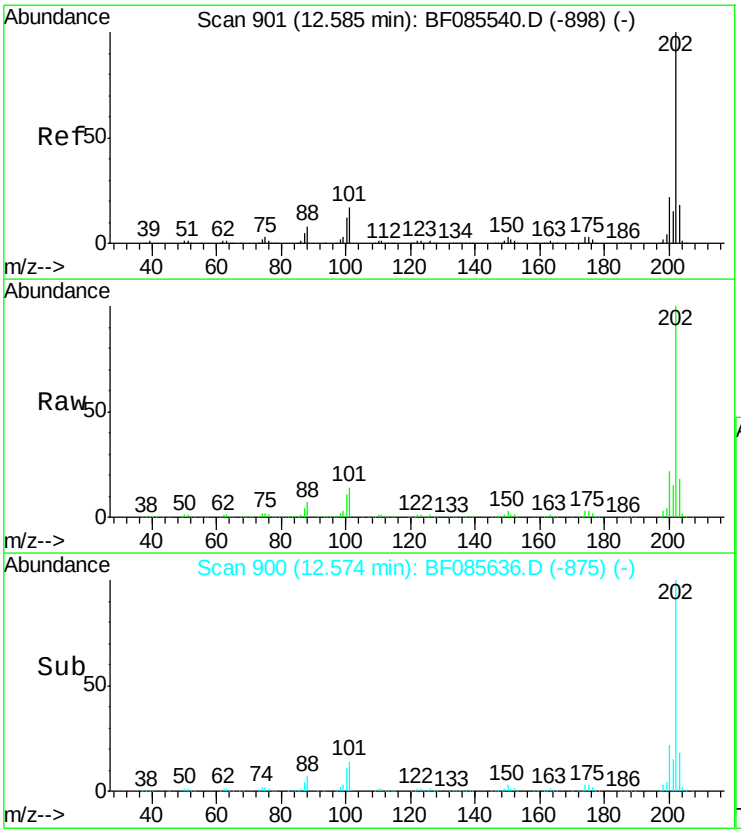
#73
Di-n-butylphthalate
Concen: 50.31 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:149 Resp: 930637

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	3.9	3.8	5.8

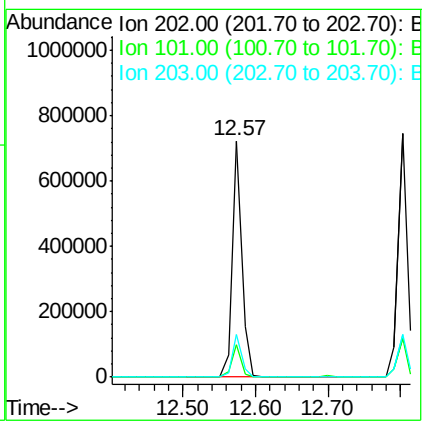


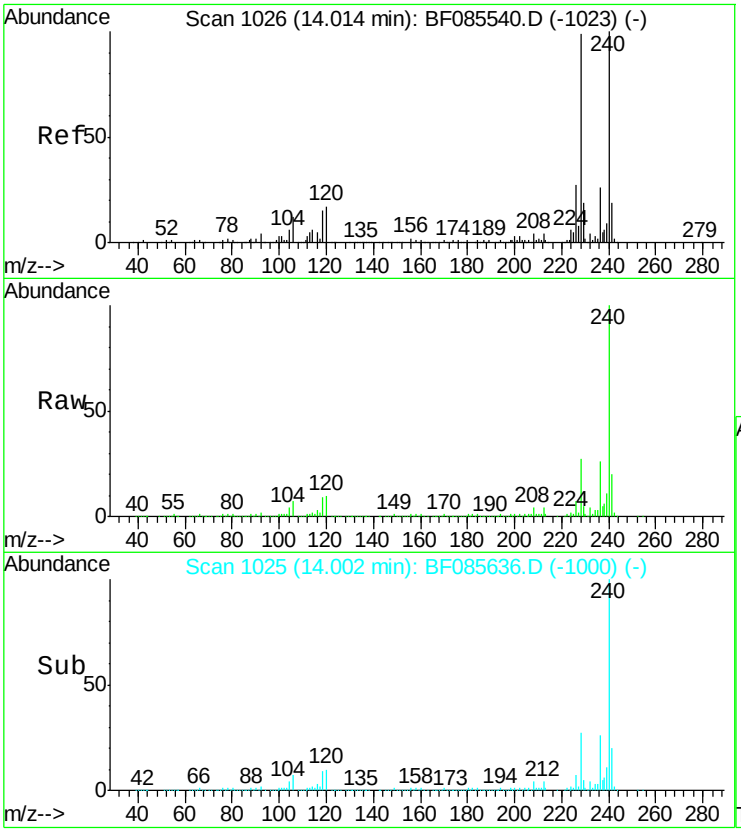


#74
Fluoranthene
Concen: 38.48 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:202 Resp: 657941

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	36.6
203	18.3	0.0	38.1



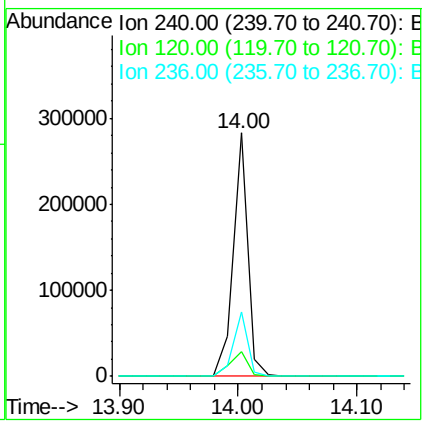


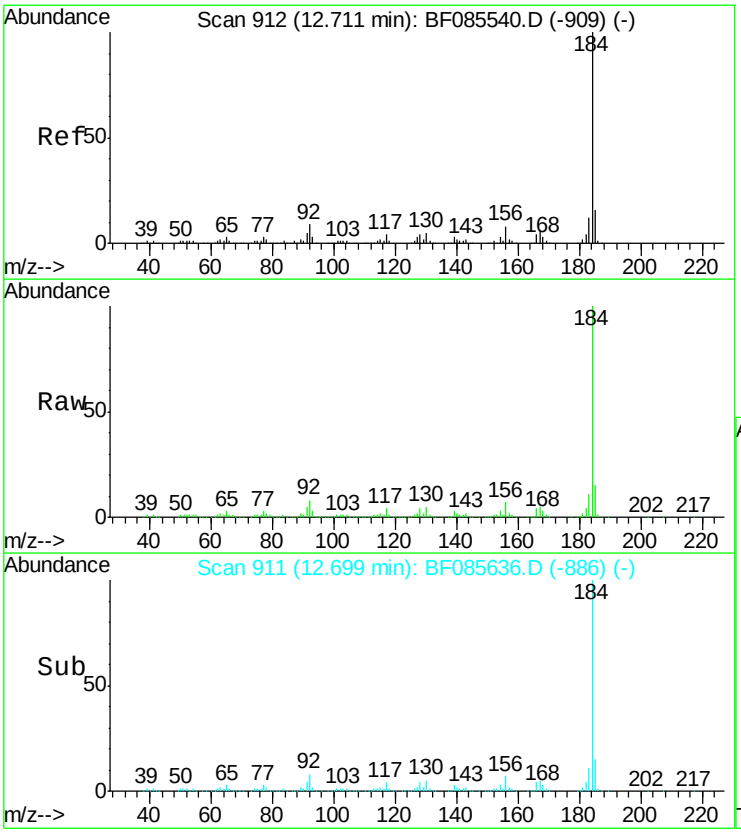
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:240 Resp: 243147

Ion	Ratio	Lower	Upper
240	100		
120	10.3	13.8	20.8#
236	26.3	20.6	30.8

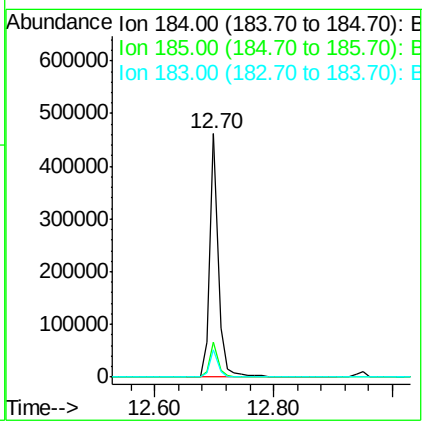


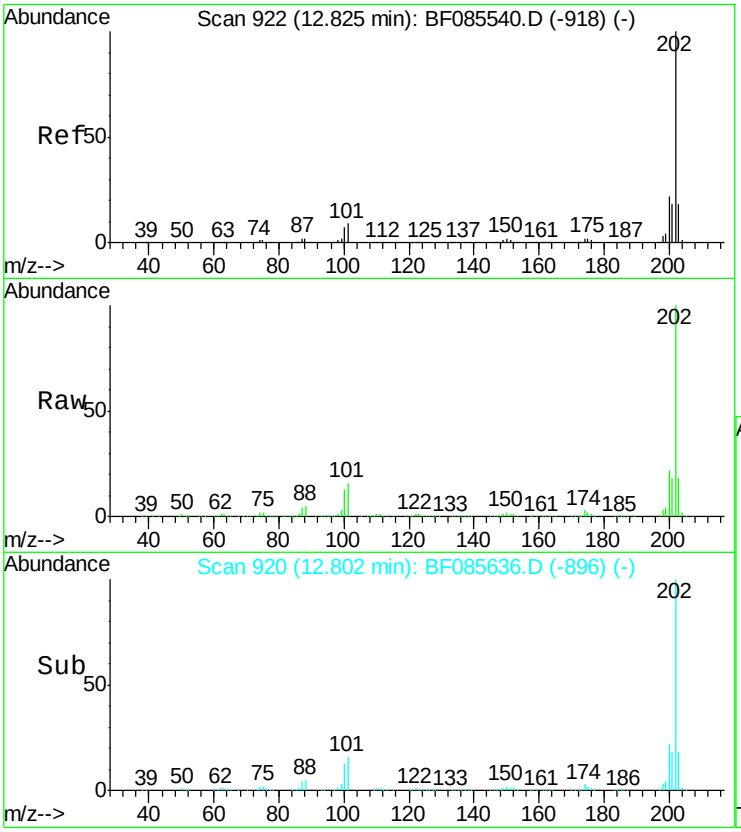


#76
Benzidine
Concen: 56.29 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:184 Resp: 460273

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.4	18.6
183	11.4	9.4	14.2



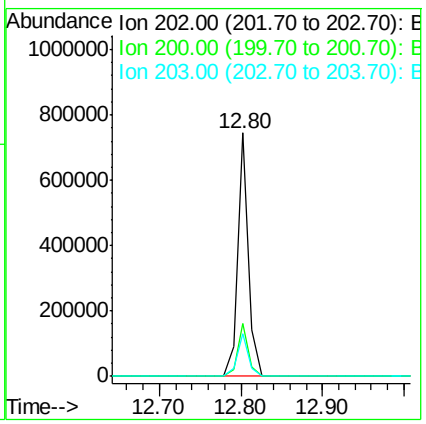


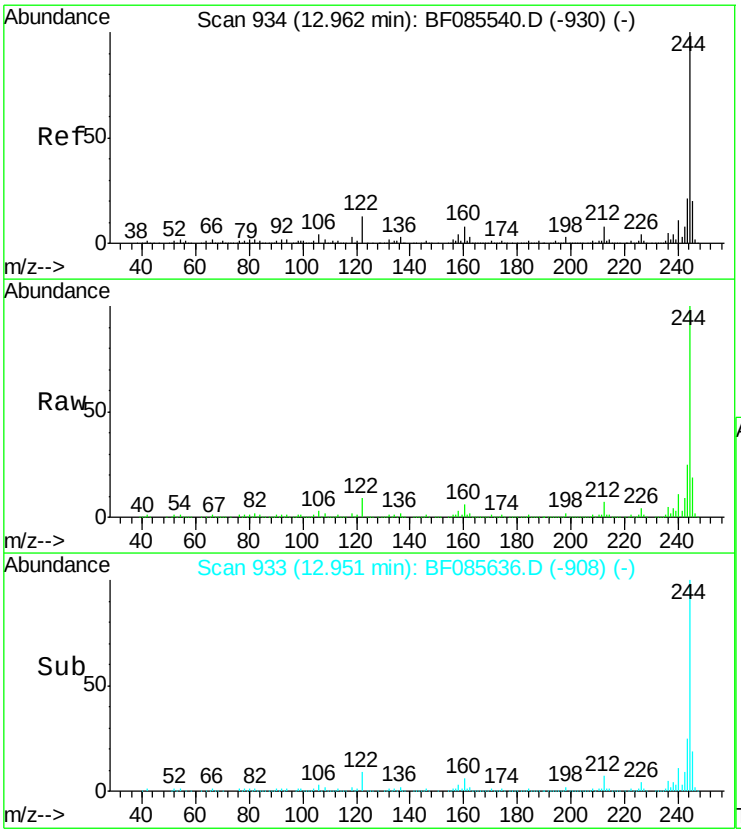
#77
Pyrene
Concen: 38.95 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:202 Resp: 680064

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.0	21.0

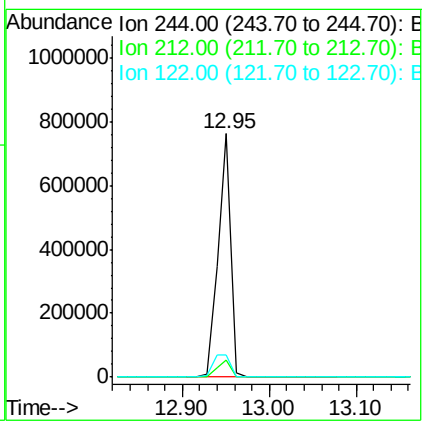


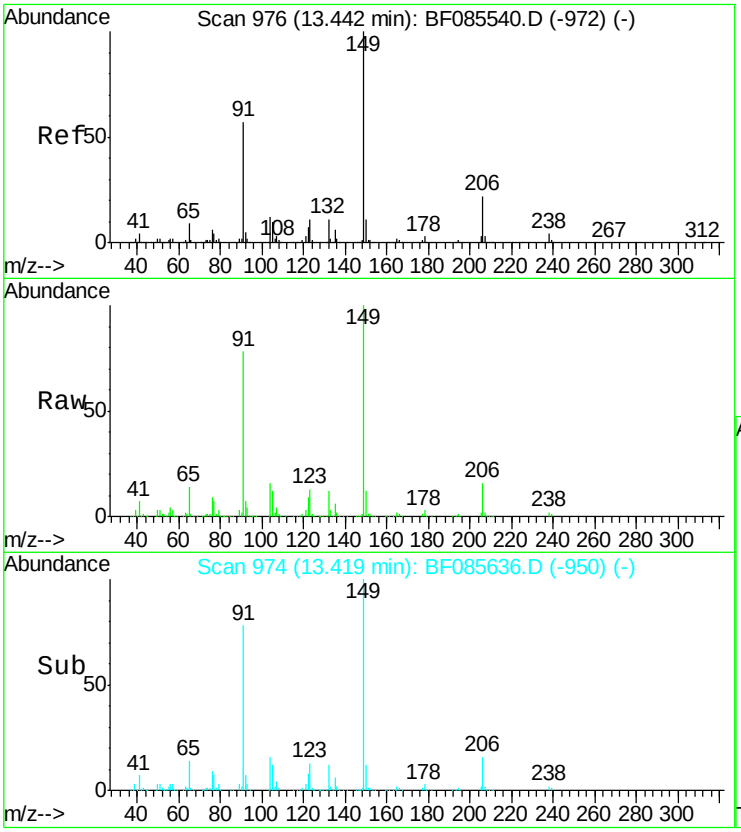


#78
Terphenyl-d14
Concen: 77.10 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:244 Resp: 779007

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	9.1	10.2	15.4#



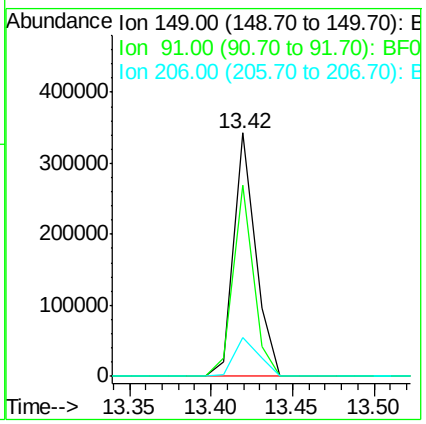


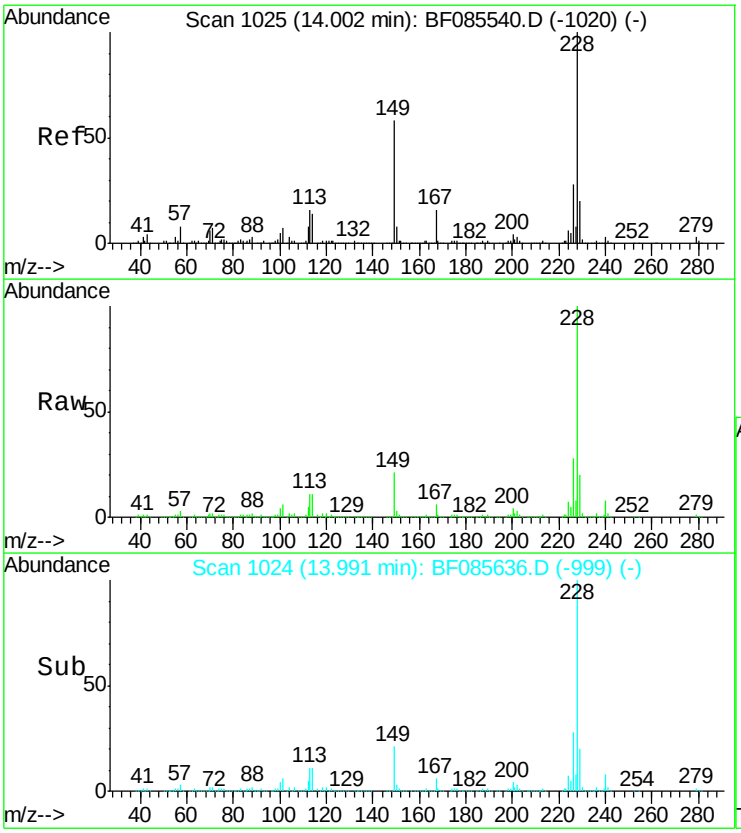
#79
Butylbenzylphthalate
Concen: 37.90 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:149 Resp: 315363

Ion	Ratio	Lower	Upper
149	100		
91	78.4	45.8	68.8#
206	16.1	17.8	26.8#

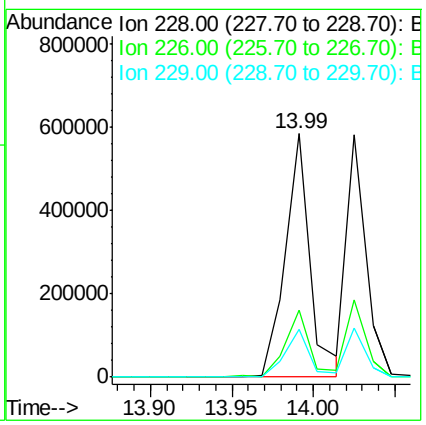


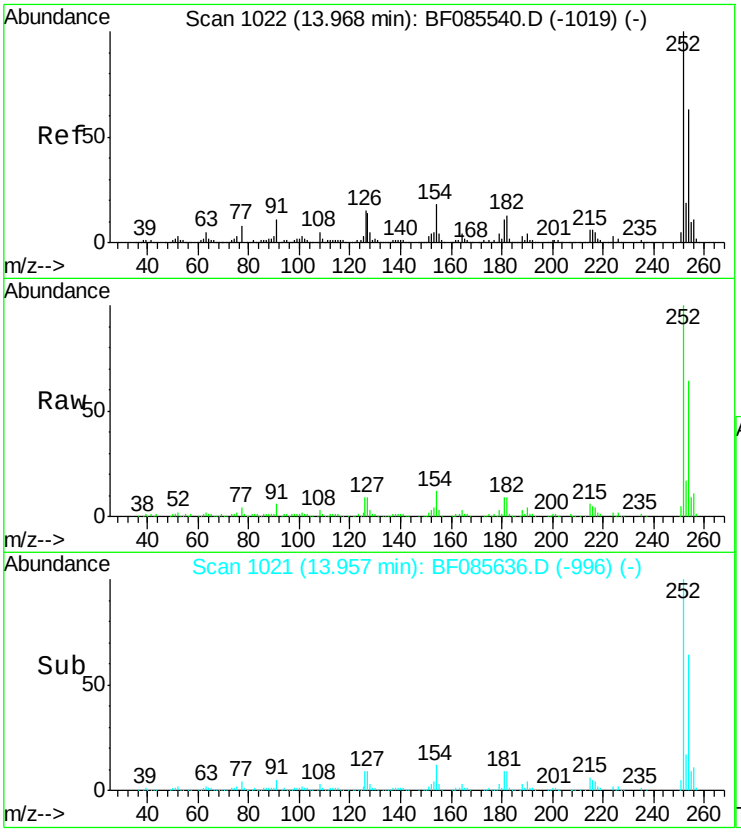


#80
Benzo(a)anthracene
Concen: 43.84 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:228 Resp: 618757

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.6	16.2	24.4



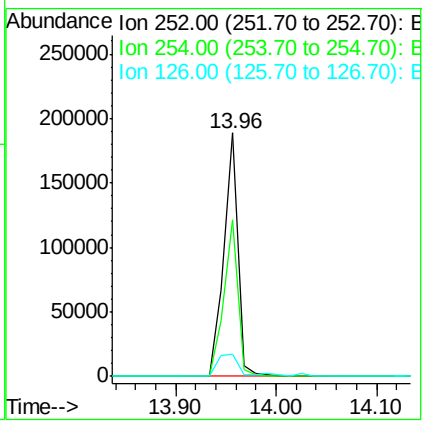


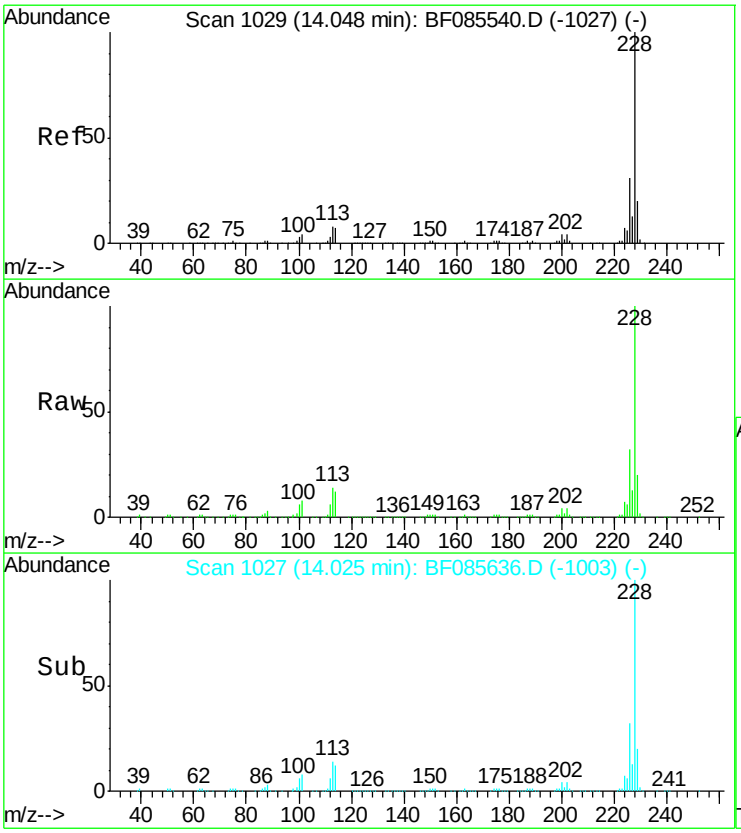
#81
3,3'-Dichlorobenzidine
Concen: 35.76 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:252 Resp: 184964

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	9.2	11.8	17.6#

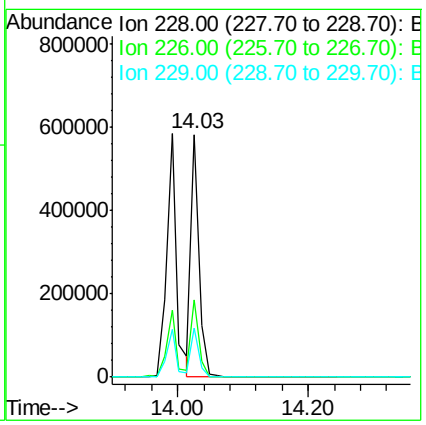


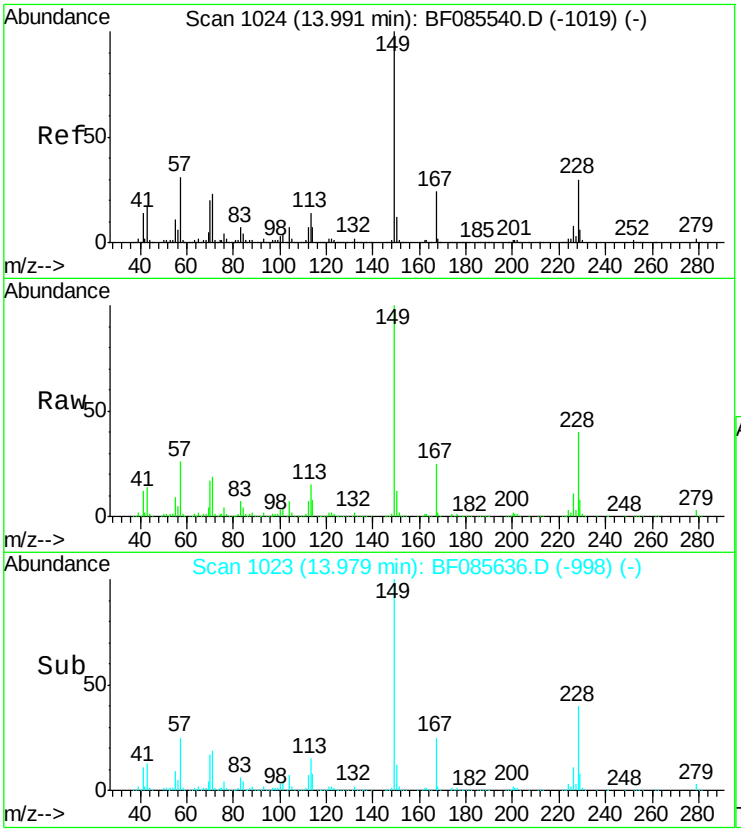


#82
Chrysene
Concen: 36.82 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:228 Resp: 499959

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.3	15.7	23.5



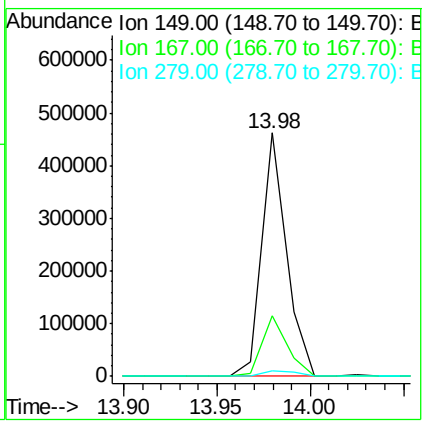


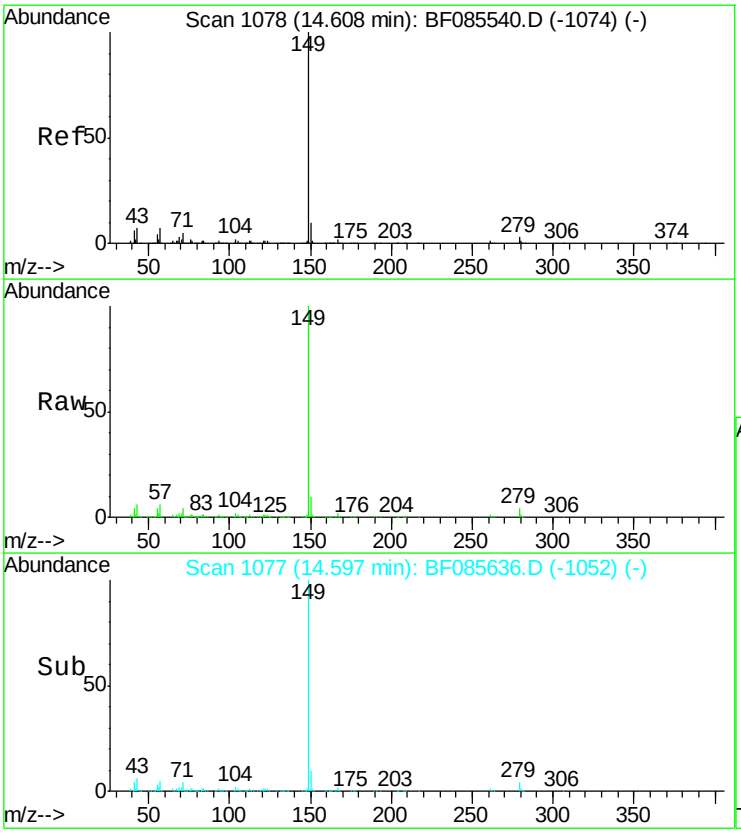
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.66 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:149 Resp: 420384

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.4	29.2
279	2.5	1.5	2.3#

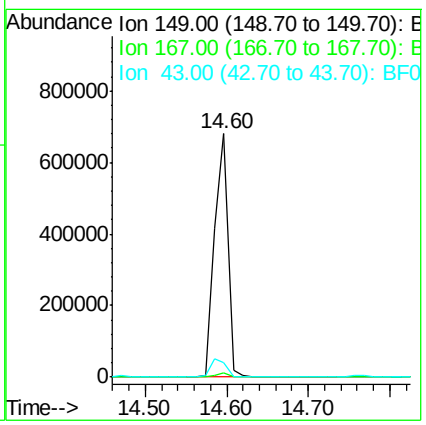


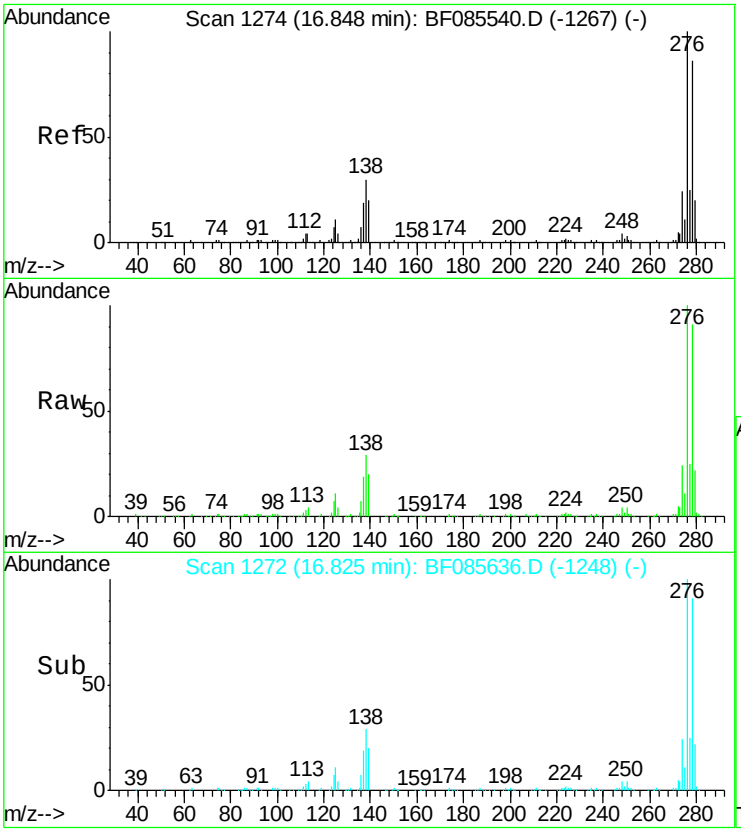


#84
Di-n-octyl phthalate
Concen: 45.88 ng
RT: 14.60 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:149 Resp: 772925

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	7.1	10.7



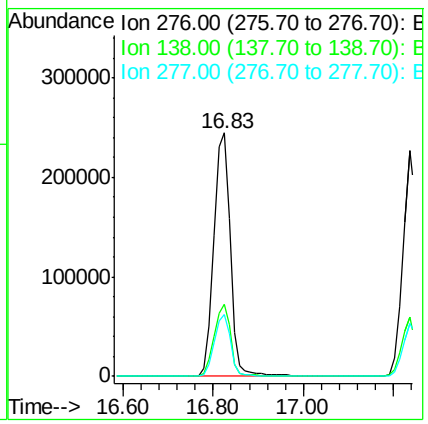


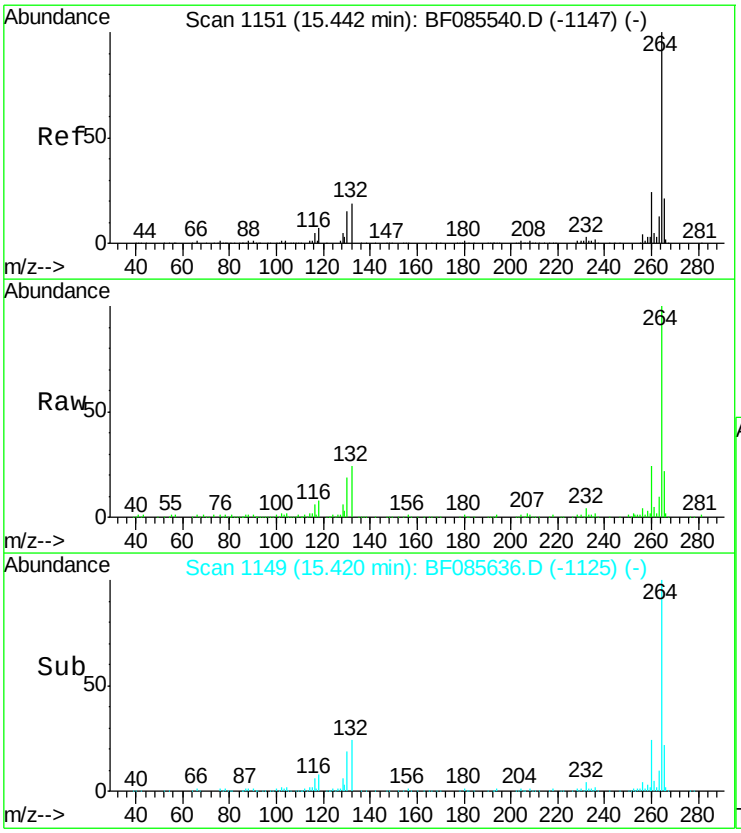
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.56 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:276 Resp: 630419

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.2	36.4
277	25.1	20.0	30.0

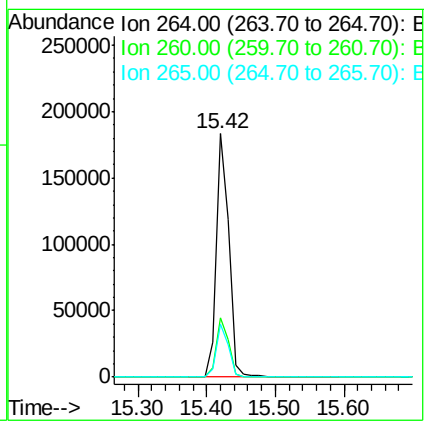


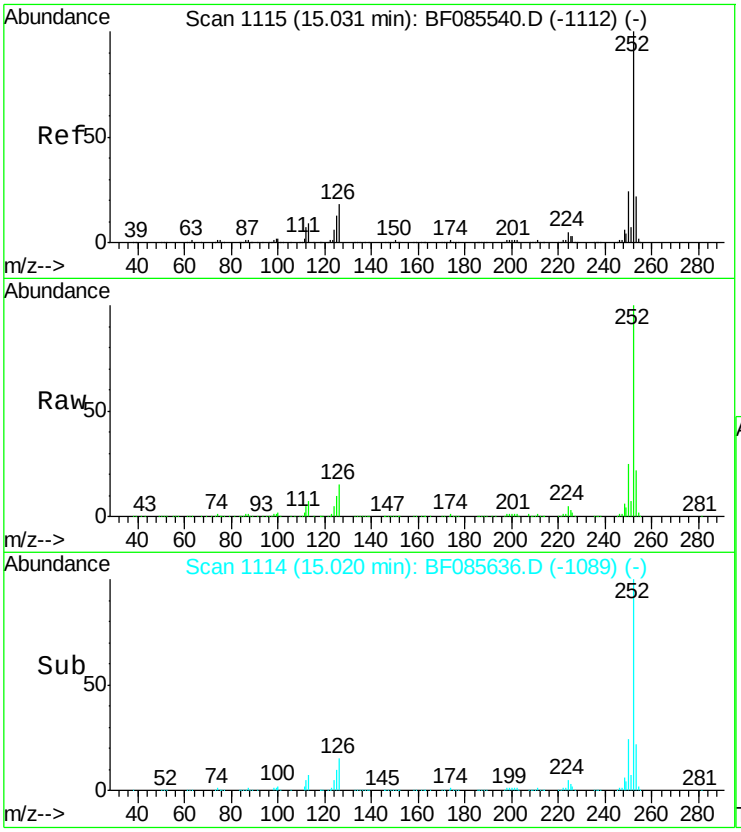


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:264 Resp: 237547

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.2	25.8



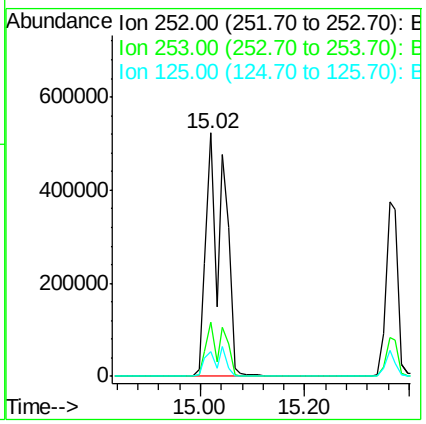


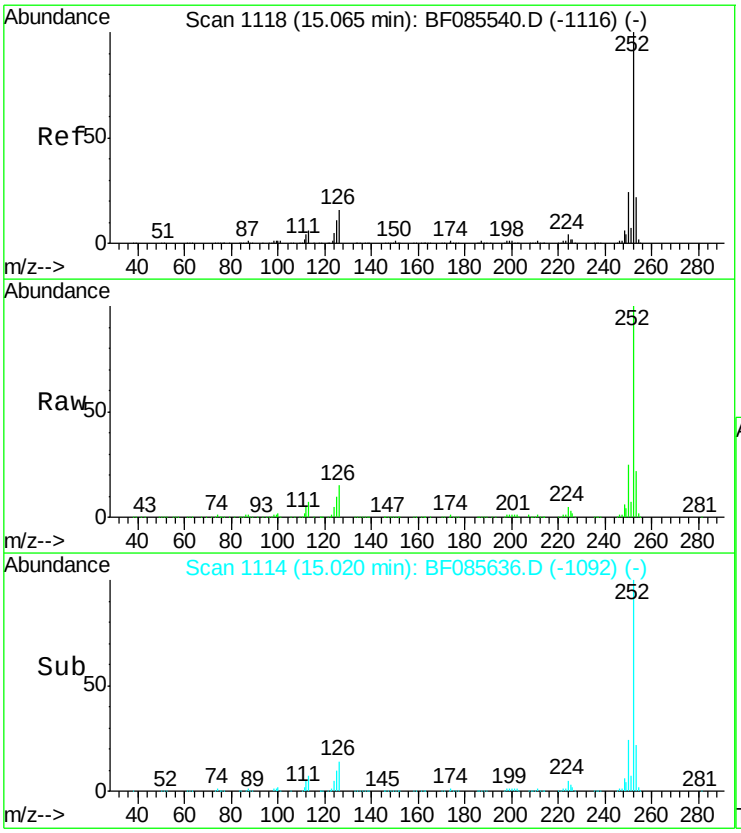
#87
Benzo(b)fluoranthene
Concen: 78.36 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:252 Resp: 1214595

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	10.3	15.5#

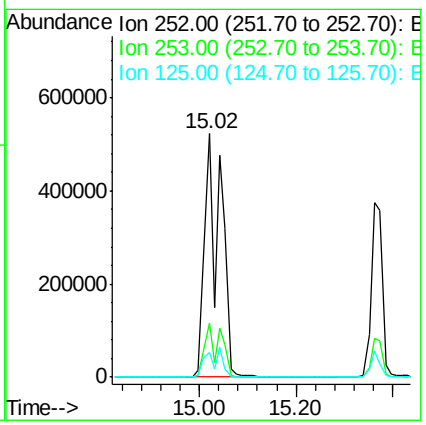


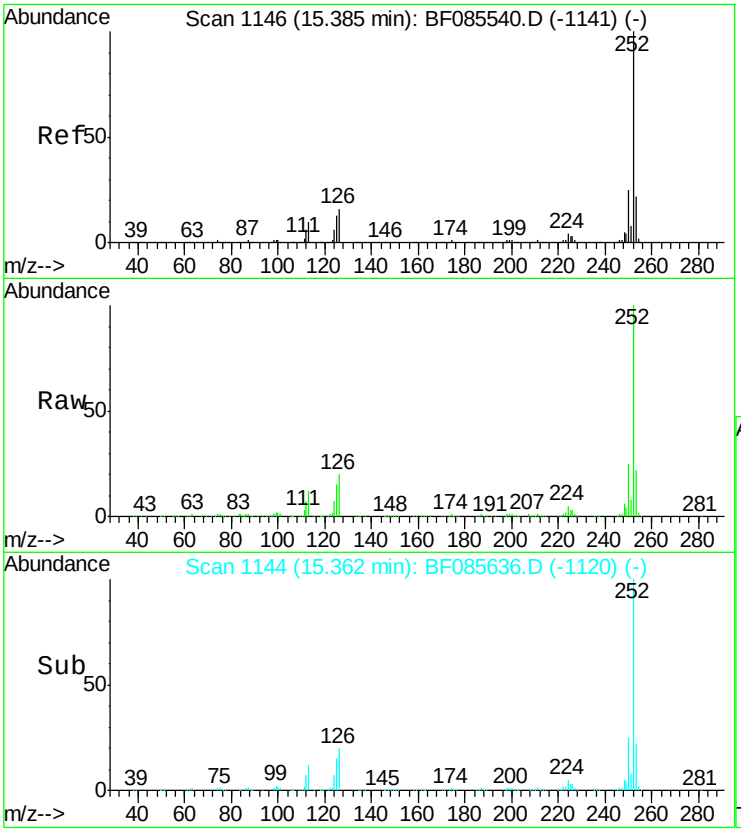


#88
Benzo(k)fluoranthene
Concen: 95.16 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.05 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:252 Resp: 1215232

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.2	7.7	11.5



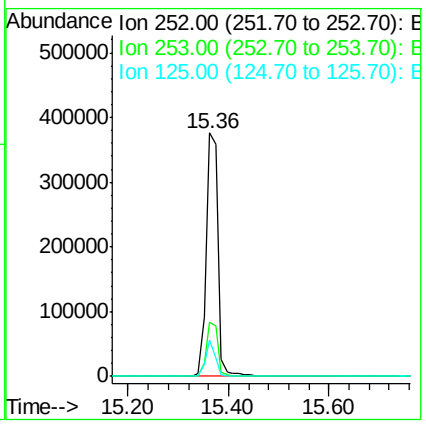


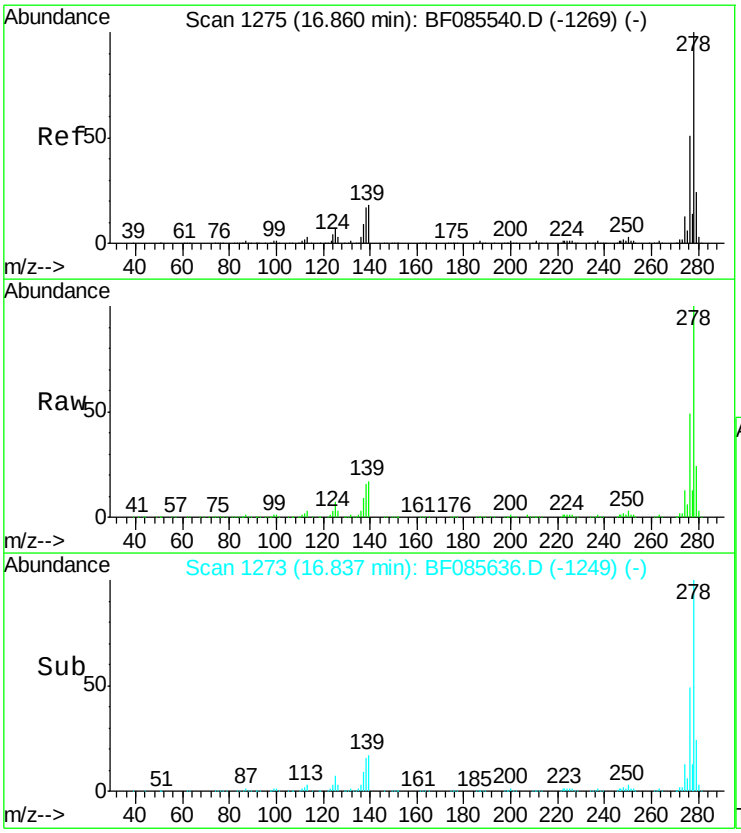
#89
Benzo(a)pyrene
Concen: 45.82 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:252 Resp: 602037

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	14.8	10.3	15.5

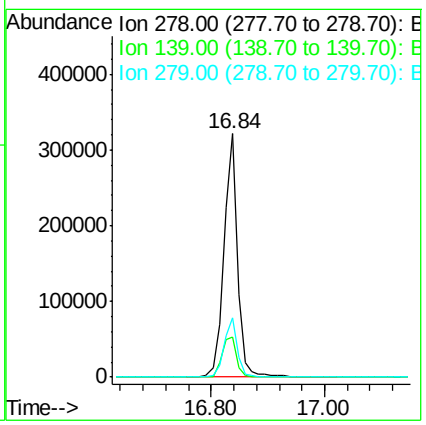


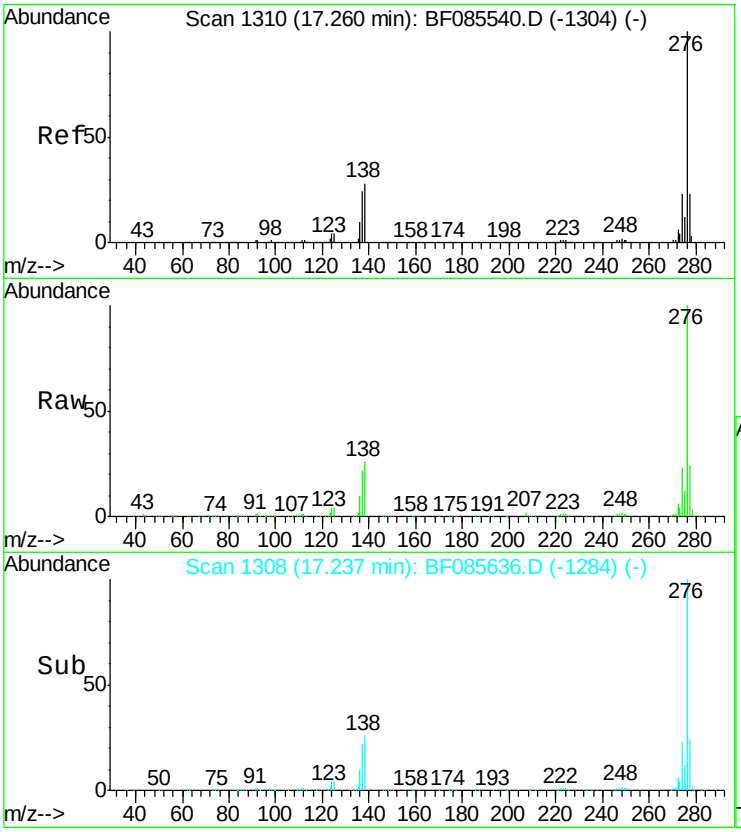


#90
Dibenzo(a,h)anthracene
Concen: 49.45 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Tgt Ion:278 Resp: 541999

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.4	21.6
279	24.3	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 46.93 ng
RT: 17.24 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF085636.D
Acq: 21 Mar 2016 21:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MSD

Tgt Ion:276 Resp: 497891

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	26.0	22.6	34.0