Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
Data File : BF087213.D
Acq On : 20 May 2016 5:40
Operator : UM/SJ
Sample : H3132-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-BWR-BB-R10-C51(0-15FT)MS

Quant Time: May 20 09:59:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:47:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.570	152	131294	20.00	ng		-0.03
21) Naphthalene-d8	7.862	136	525014	20.00	ng		-0.03
38) Acenaphthene-d10	9.599	164	238869	20.00	ng		-0.05
63) Phenanthrene-d10	11.085	188	407067	20.00	ng		-0.03
75) Chrysene-d12	13.714	240	238908	20.00	ng		-0.05
86) Perylene-d12	15.062	264	250052	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.176	112	1023316	65.50	ng		-0.02
7) Phenol-d6	6.250	99	1342360	64.07	ng		-0.03
23) Nitrobenzene-d5	7.153	82	1012224	48.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.399	330	359589	68.11	ng		-0.05
44) 2-Fluorobiphenyl	8.936	172	1360595	47.17	ng		-0.05
78) Terphenyl-d14	12.662	244	1077044	50.99	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.170	88	132761	33.04	ng	#	64
3) Pyridine	2.787	79	255588	26.30	ng	#	67
4) n-Nitrosodimethylamine	2.707	42	314913	45.72	ng	#	48
6) Aniline	6.250	93	105726	7.94	ng	#	1
8) 2-Chlorophenol	6.364	128	429033	45.14	ng		93
9) Benzaldehyde	6.124	77	54203	7.55	ng		94
10) Phenol	6.261	94	548311	41.63	ng		83
11) bis(2-Chloroethyl)ether	6.319	93	431617	43.65	ng		87
12) 1,3-Dichlorobenzene	6.742	146	388128	38.42	ng		97
13) 1,4-Dichlorobenzene	6.742	146	391140	37.84	ng		96
14) 1,2-Dichlorobenzene	6.742	146	391151	43.22	ng		98
15) Benzyl Alcohol	6.742	79	377225	48.37	ng		91
16) 2,2'-oxybis(1-Chloropr...	6.867	45	838572	41.25	ng		57
17) 2-Methylphenol	6.867	107	348568	44.66	ng	#	78
18) Hexachloroethane	7.073	117	159135	40.27	ng		98
19) n-Nitroso-di-n-propyla...	7.004	70	328267	41.22	ng	#	66
20) 3+4-Methylphenols	7.027	107	475720	46.21	ng	#	60
22) Acetophenone	6.993	105	627757	48.86	ng	#	97
24) Nitrobenzene	7.164	77	469810	40.85	ng		94
25) Isophorone	7.416	82	903519	46.85	ng	#	94
26) 2-Nitrophenol	7.484	139	230489	48.37	ng	#	78
27) 2,4-Dimethylphenol	7.542	122	371898	45.74	ng		87
28) bis(2-Chloroethoxy)met...	7.622	93	498246	47.06	ng		98
29) 2,4-Dichlorophenol	7.736	162	374353	52.24	ng		95
30) 1,2,4-Trichlorobenzene	7.804	180	379259	47.70	ng		99
31) Naphthalene	7.873	128	1224401	47.73	ng		98
32) Benzoic acid	7.724	122	236857	48.87	ng		93
33) 4-Chloroaniline	7.964	127	69126	6.48	ng	#	89
34) Hexachlorobutadiene	7.999	225	220243	48.81	ng		97
35) Caprolactam	8.342	113	65285	27.36	ng	#	60
36) 4-Chloro-3-methylphenol	8.456	107	382717	44.28	ng		89
37) 2-Methylnaphthalene	8.570	142	807154	49.19	ng		97
39) 1,2,4,5-Tetrachloroben...	8.742	216	344222	49.34	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
Data File : BF087213.D
Acq On : 20 May 2016 5:40
Operator : UM/SJ
Sample : H3132-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-BWR-BB-R10-C51(0-15FT)MS

Quant Time: May 20 09:59:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:47:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) Hexachlorocyclopentadiene	8.719	237	117470	47.17	ng		94
42) 2,4,6-Trichlorophenol	8.867	196	235421	52.03	ng		92
43) 2,4,5-Trichlorophenol	8.913	196	234292	49.85	ng	#	85
45) 1,1'-Biphenyl	9.039	154	1025315	51.77	ng		99
46) 2-Chloronaphthalene	9.062	162	767647	50.48	ng		99
47) 2-Nitroaniline	9.176	65	311504	53.46	ng		89
48) Acenaphthylene	9.473	152	1103527	47.53	ng		99
49) Dimethylphthalate	9.347	163	901564	49.48	ng		100
50) 2,6-Dinitrotoluene	9.416	165	197086	49.81	ng	#	86
51) Acenaphthene	9.633	154	681501	46.98	ng		98
52) 3-Nitroaniline	9.588	138	62771	14.66	ng		94
53) 2,4-Dinitrophenol	9.702	184	141245	63.35	ng	#	83
54) Dibenzofuran	9.816	168	1036201	55.24	ng		100
55) 4-Nitrophenol	9.816	139	644027	136.09	ng	#	22
56) 2,4-Dinitrotoluene	9.828	165	250524	49.44	ng	#	68
57) Fluorene	10.148	166	719704	47.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.942	232	195294	53.35	ng		98
59) Diethylphthalate	10.045	149	845092	48.58	ng		99
60) 4-Chlorophenyl-phenyle...	10.148	204	355273	49.73	ng		95
61) 4-Nitroaniline	10.205	138	156716	37.06	ng	#	78
62) Azobenzene	10.308	77	1015942	50.68	ng		87
64) 4,6-Dinitro-2-methylph...	10.228	198	93185	34.76	ng	#	23
65) n-Nitrosodiphenylamine	10.273	169	601772	46.98	ng		99
66) 4-Bromophenyl-phenylether	10.639	248	211511	50.53	ng	#	75
67) Hexachlorobenzene	10.696	284	232299	47.86	ng	#	78
68) Atrazine	10.810	200	164077	39.26	ng		93
69) Pentachlorophenol	10.902	266	193910	106.36	ng		96
70) Phenanthrene	11.108	178	1114817	50.49	ng		100
71) Anthracene	11.153	178	1051108	47.07	ng		100
72) Carbazole	11.325	167	887658	43.52	ng		99
73) Di-n-butylphthalate	11.656	149	1232074	52.58	ng	#	99
74) Fluoranthene	12.285	202	904738	40.90	ng		97
76) Benzidine	12.434	184	28507	4.11	ng		99
77) Pyrene	12.514	202	969270	56.16	ng		100
79) Butylbenzylphthalate	13.142	149	462246	63.44	ng	#	82
80) Benzo(a)anthracene	13.702	228	716393	51.86	ng		98
81) 3,3'-Dichlorobenzidine	13.668	252	54859	6.24	ng	#	96
82) Chrysene	13.736	228	759572	56.83	ng		100
83) Bis(2-ethylhexyl)phtha...	13.702	149	563373	63.53	ng		97
84) Di-n-octyl phthalate	14.308	149	927620	60.73	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.297	276	669462	57.07	ng		95
87) Benzo(b)fluoranthene	14.697	252	1469926	88.61	ng		97
88) Benzo(k)fluoranthene	14.697	252	1470720	119.09	ng		99
89) Benzo(a)pyrene	15.005	252	699651	50.46	ng		96
90) Dibenzo(a,h)anthracene	16.297	278	573682	49.14	ng		96
91) Benzo(g,h,i)perylene	16.662	276	549425	46.59	ng	#	89

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

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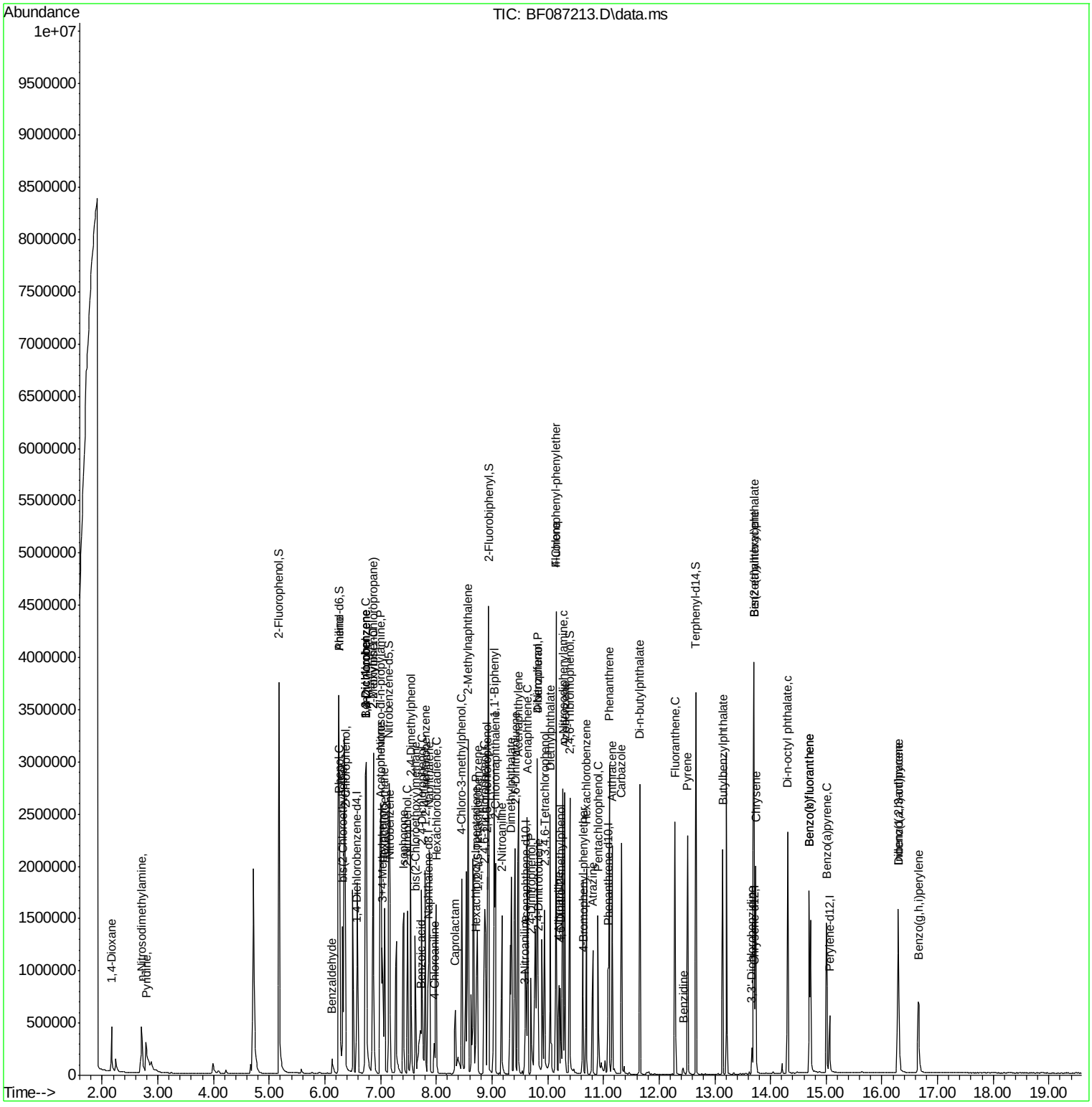
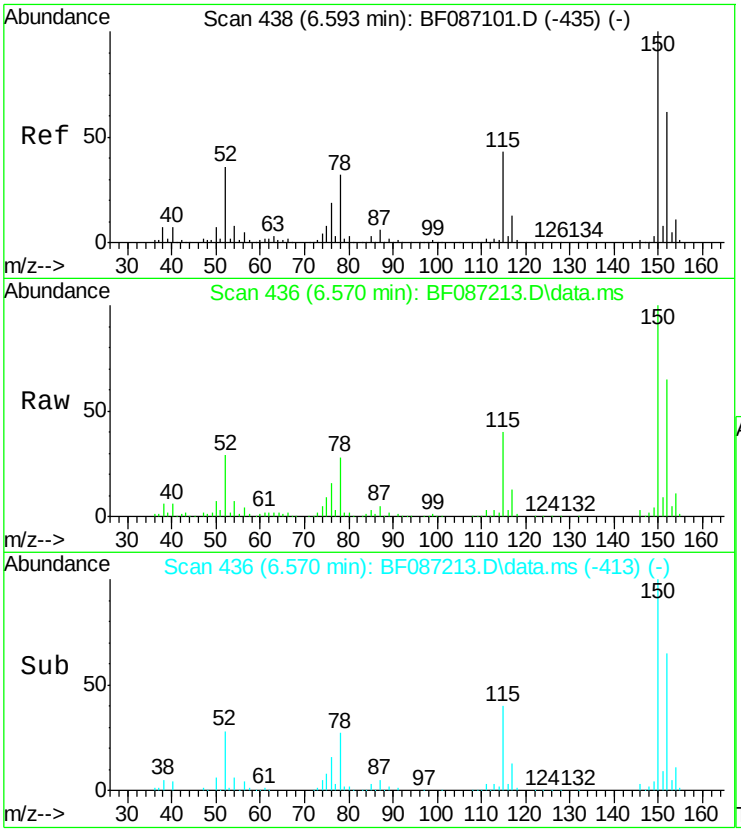
Data Path : Z:\HPCHEM1\BNA F\Data\BF051916\RAW\
Data File : BF087213.D
Acq On : 20 May 2016 5:40
Operator : UM/SJ
Sample : H3132-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Quant Time: May 20 09:59:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:47:59 2016
Response via : Initial Calibration



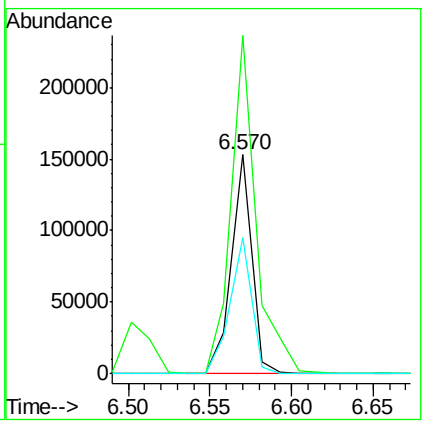


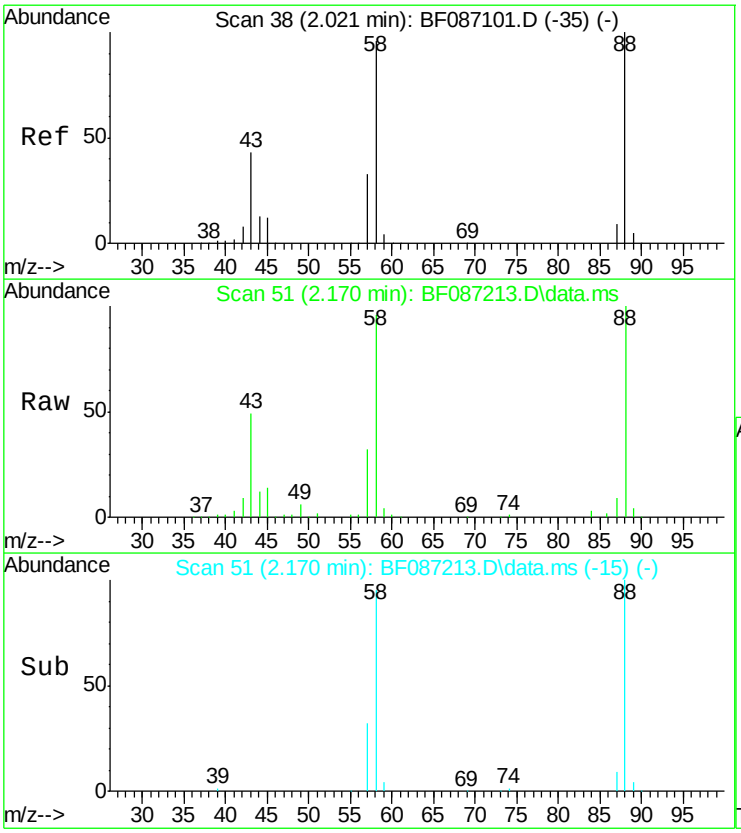
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.570 min Scan# 43
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:152 Resp: 131294

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.8	188.6
115	62.3	51.5	77.3

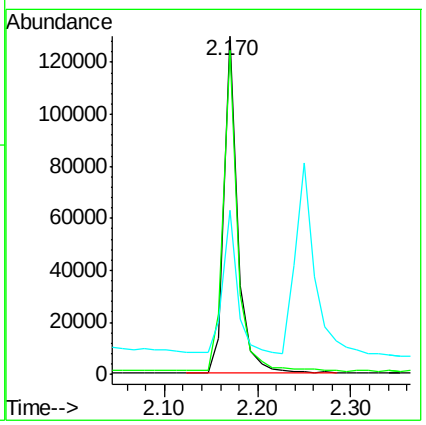


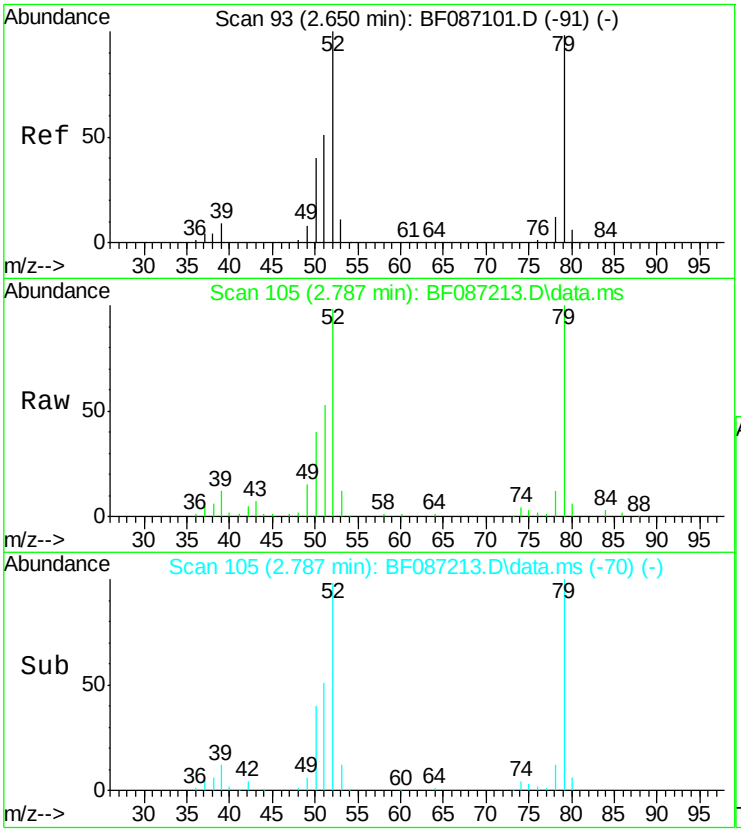


#2
1,4-Dioxane
Concen: 33.04 ng
RT: 2.170 min Scan# 51
Delta R.T. 0.114 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 88 Resp: 132761

Ion	Ratio	Lower	Upper
88	100		
58	99.4	59.6	89.4#
43	0.0	21.8	32.6#



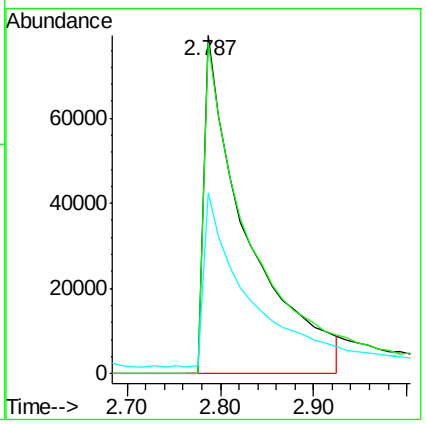


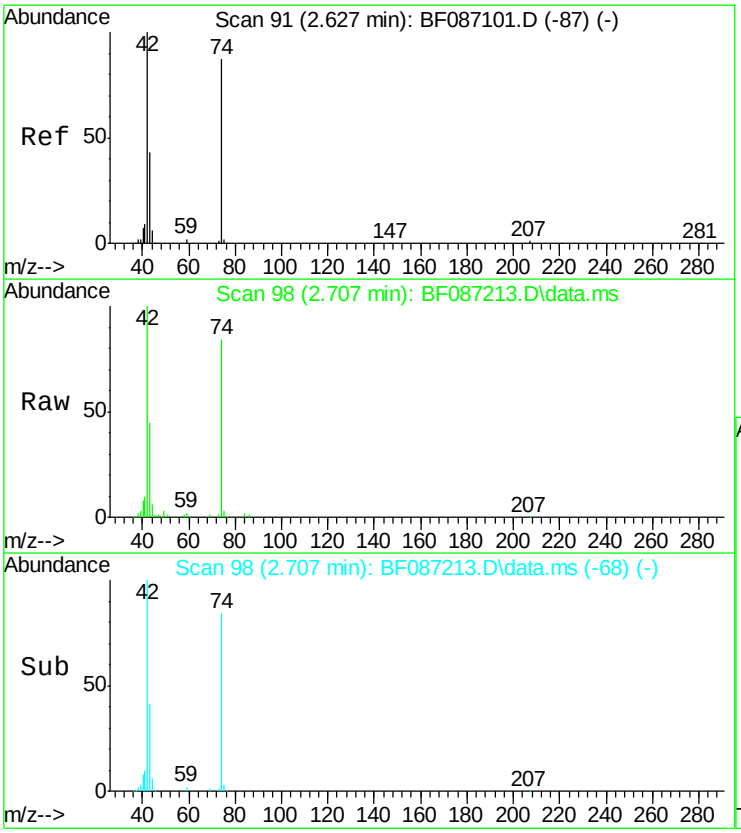
#3
Pyridine
Concen: 26.30 ng
RT: 2.787 min Scan# 10
Delta R.T. 0.103 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 79 Resp: 255588

Ion	Ratio	Lower	Upper
79	100		
52	97.9	55.9	83.9#
51	53.4	28.1	42.1#

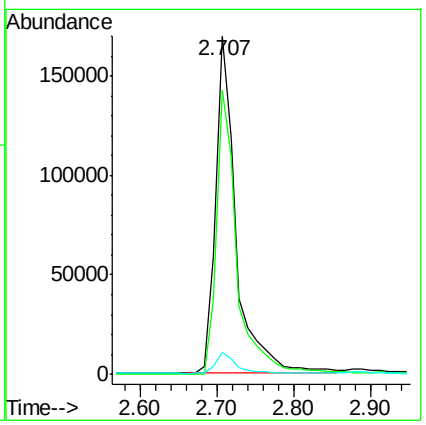


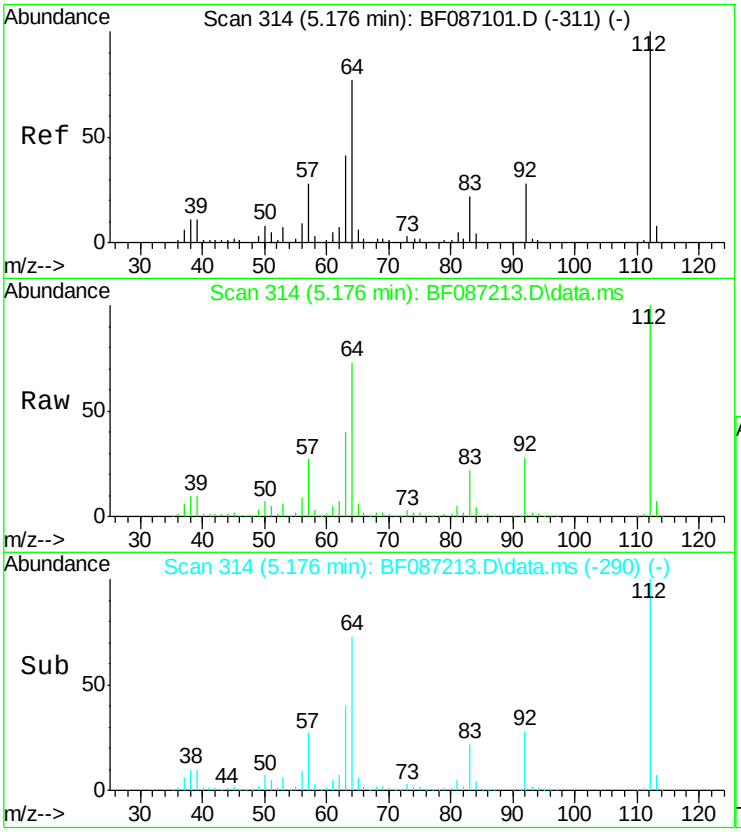


#4
n-Nitrosodimethylamine
Concen: 45.72 ng
RT: 2.707 min Scan# 98
Delta R.T. 0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 42 Resp: 314913

Ion	Ratio	Lower	Upper
42	100		
74	84.2	123.4	185.0#
44	6.5	5.8	8.6



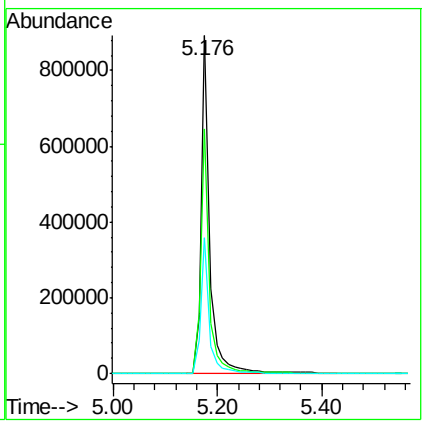


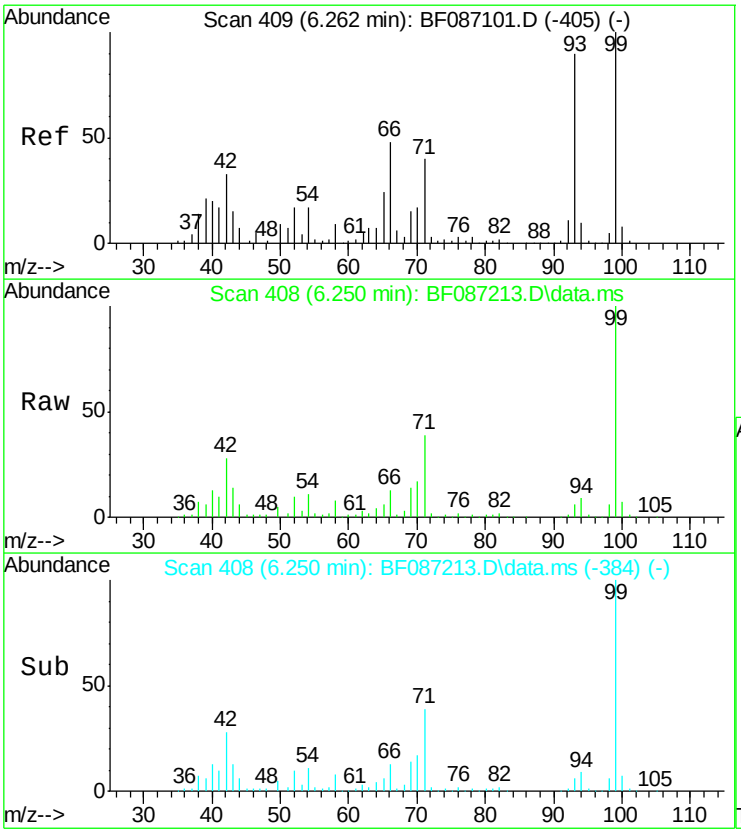
#5
2-Fluorophenol
Concen: 65.50 ng
RT: 5.176 min Scan# 31
Delta R.T. -0.023 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:112 Resp: 1023316

Ion	Ratio	Lower	Upper
112	100		
64	72.5	52.1	78.1
63	40.2	25.7	38.5#

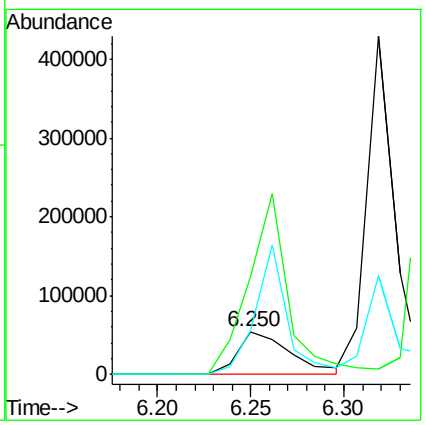


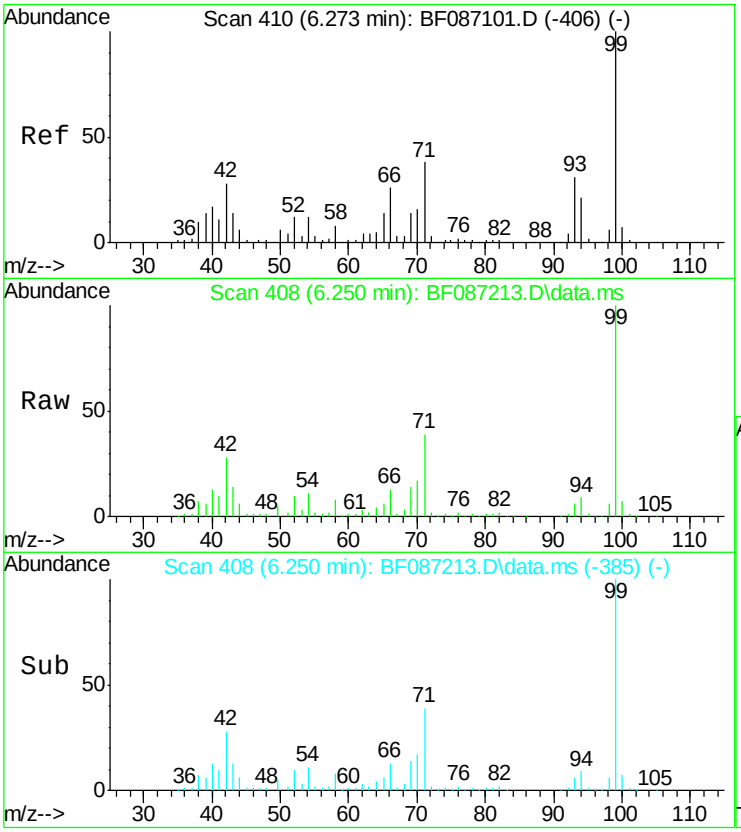


#6
Aniline
Concen: 7.94 ng
RT: 6.250 min Scan# 408
Delta R.T. -0.023 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 93 Resp: 105726

Ion	Ratio	Lower	Upper
93	100		
66	226.4	39.0	58.6#
65	101.9	20.6	31.0#



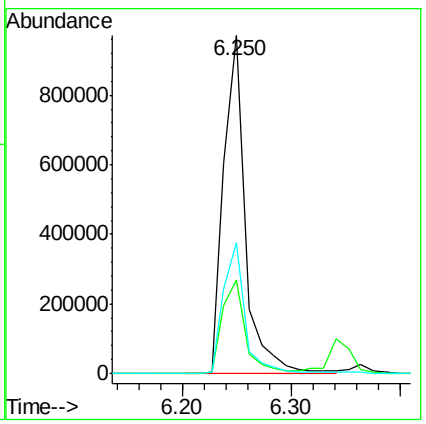


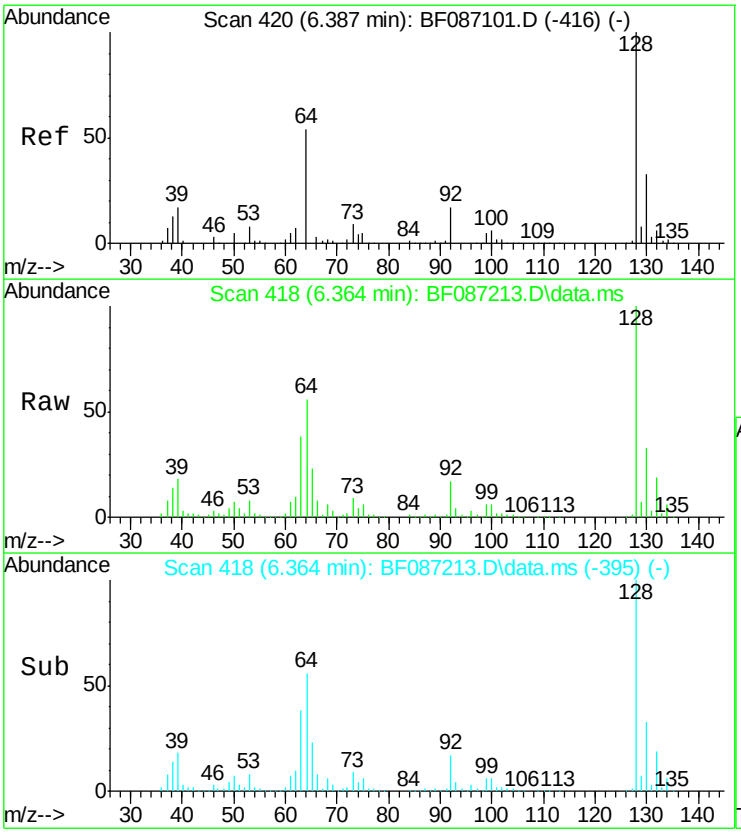
#7
Phenol-d6
Concen: 64.07 ng
RT: 6.250 min Scan# 40
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 99 Resp: 1342360

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	38.8	24.6	36.8#

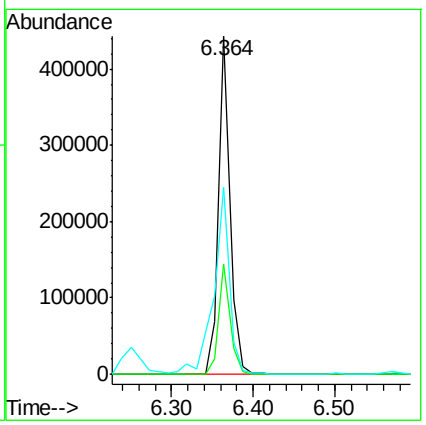


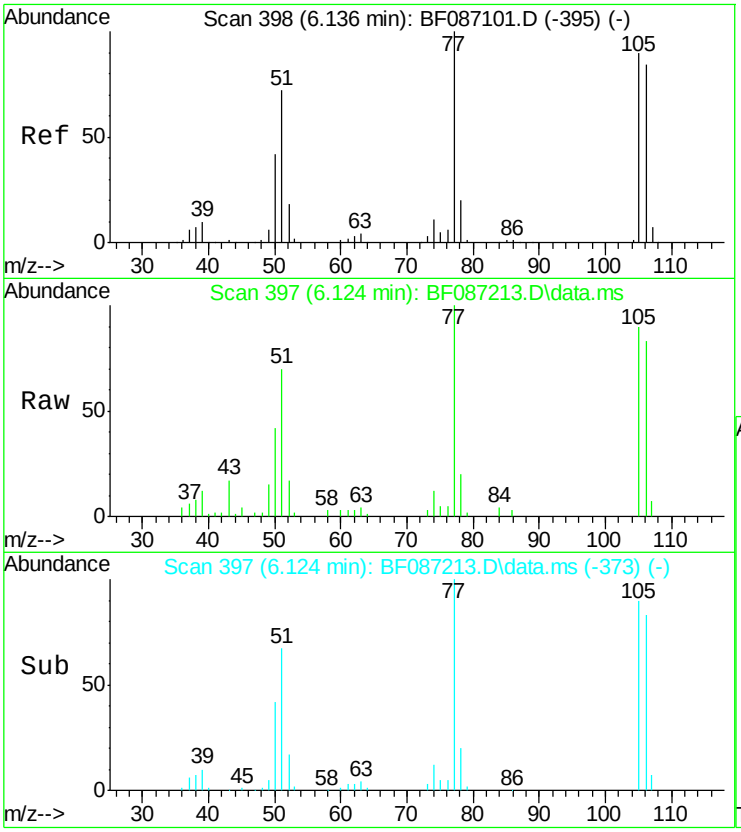


#8
2-Chlorophenol
Concen: 45.14 ng
RT: 6.364 min Scan# 418
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:128 Resp: 429033

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	55.5	27.3	67.3



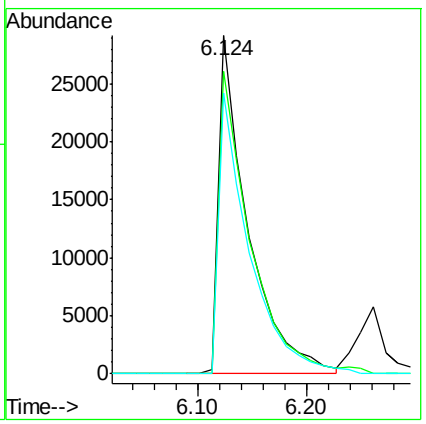


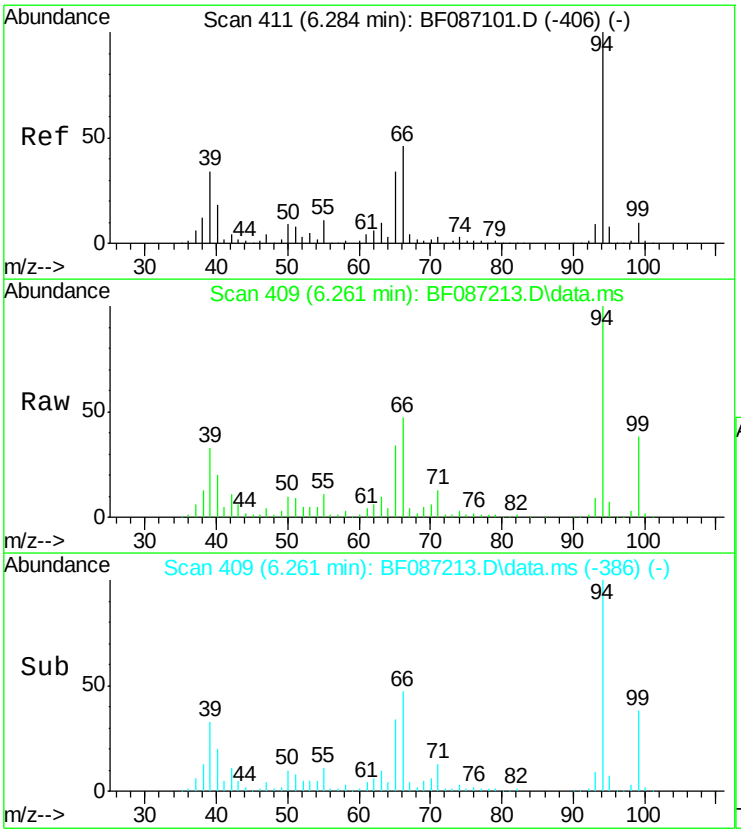
#9
Benzaldehyde
Concen: 7.55 ng
RT: 6.124 min Scan# 39
Delta R.T. -0.023 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 77 Resp: 54203

Ion	Ratio	Lower	Upper
77	100		
105	89.5	72.7	112.7
106	82.8	70.8	110.8

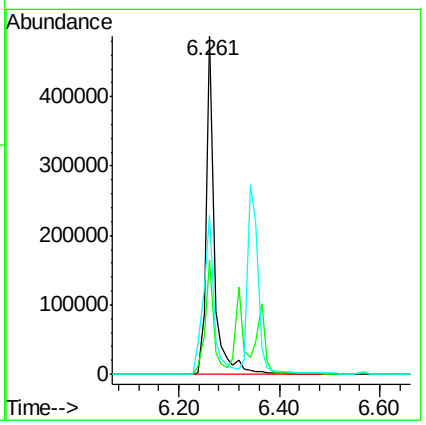


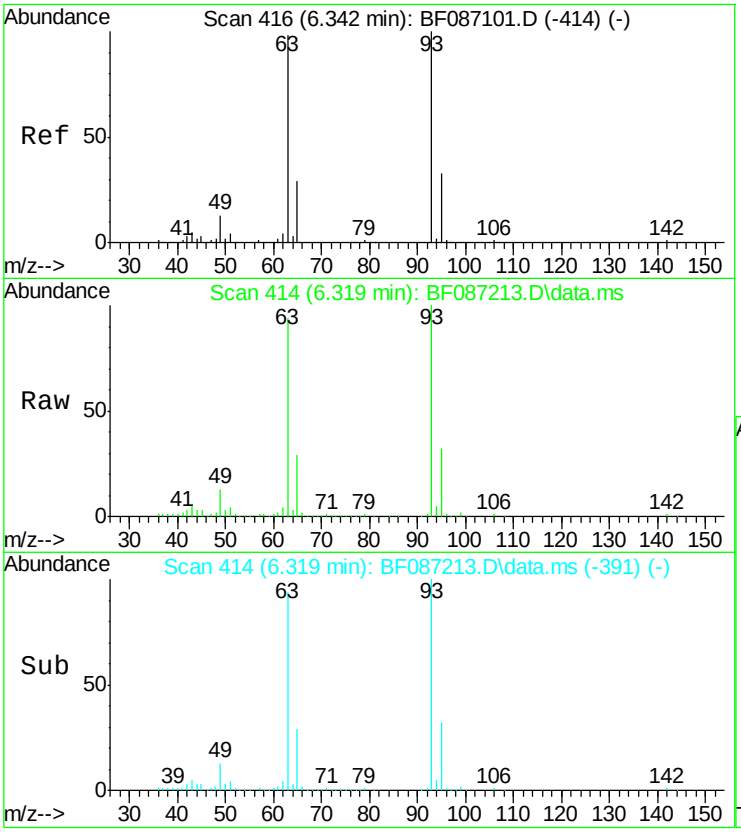


#10
Phenol
Concen: 41.63 ng
RT: 6.261 min Scan# 409
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 94 Resp: 548311

Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.2	47.2
66	46.9	14.9	54.9



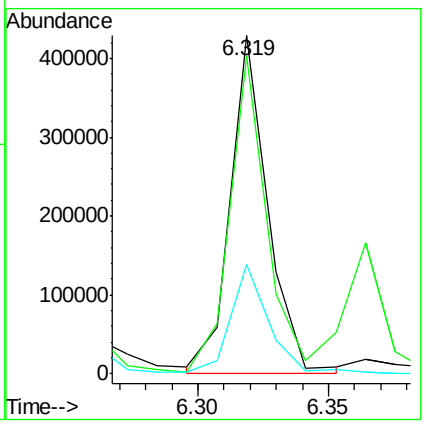


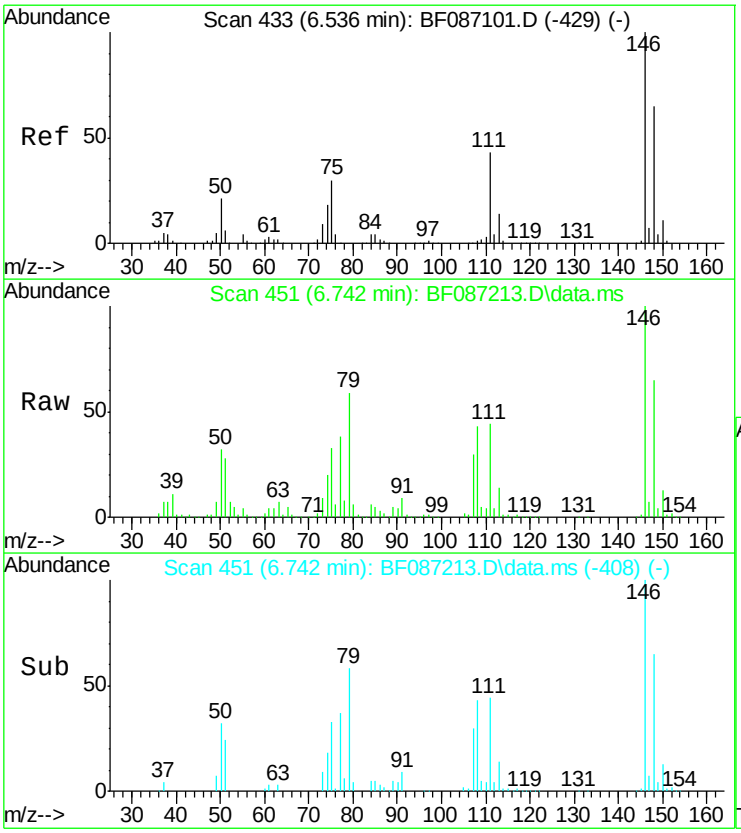
#11
bis(2-Chloroethyl)ether
Concen: 43.65 ng
RT: 6.319 min Scan# 41
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 93 Resp: 431617

Ion	Ratio	Lower	Upper
93	100		
63	94.0	58.0	98.0
95	32.3	11.9	51.9

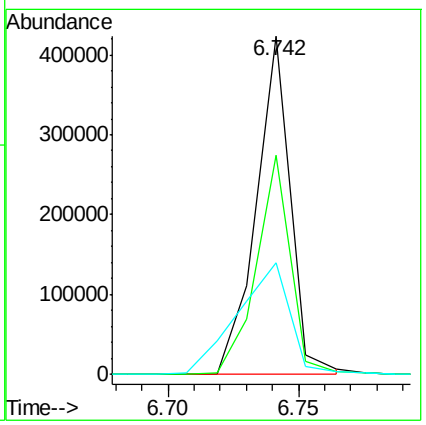


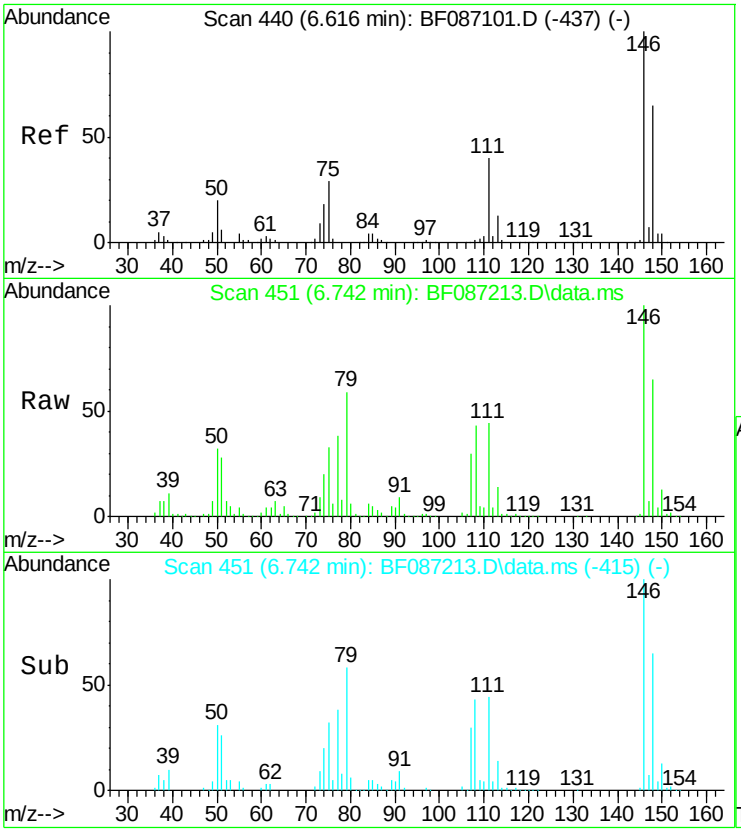


#12
1,3-Dichlorobenzene
Concen: 38.42 ng
RT: 6.742 min Scan# 451
Delta R.T. 0.194 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:146 Resp: 388128

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.4	78.6
75	33.1	22.8	34.2



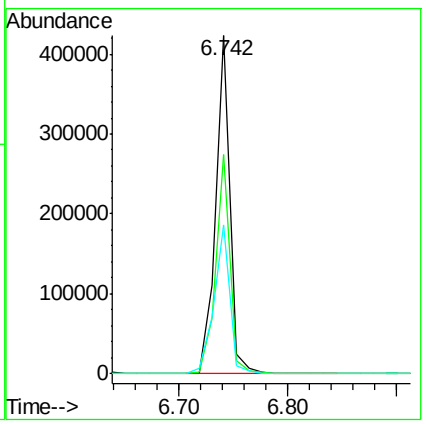


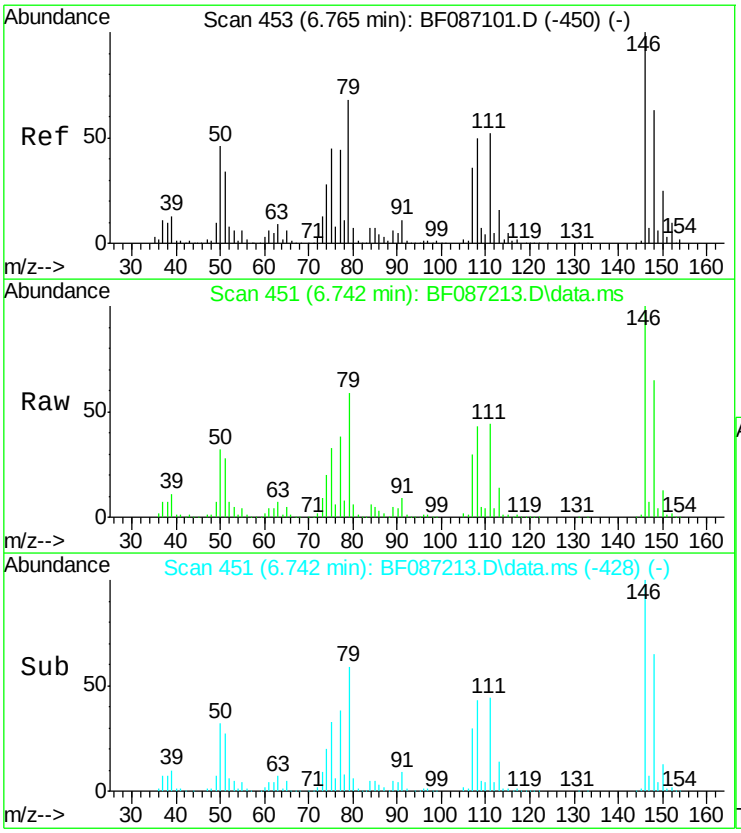
#13
1,4-Dichlorobenzene
Concen: 37.84 ng
RT: 6.742 min Scan# 45
Delta R.T. 0.114 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:146 Resp: 391140

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	44.0	30.7	46.1

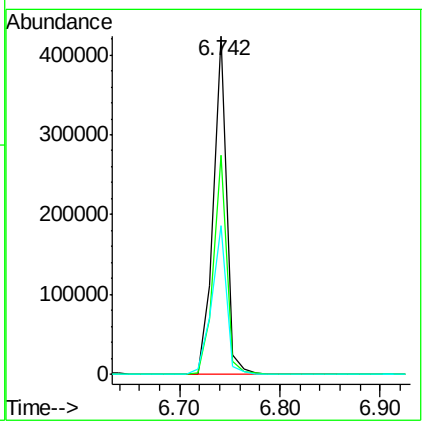


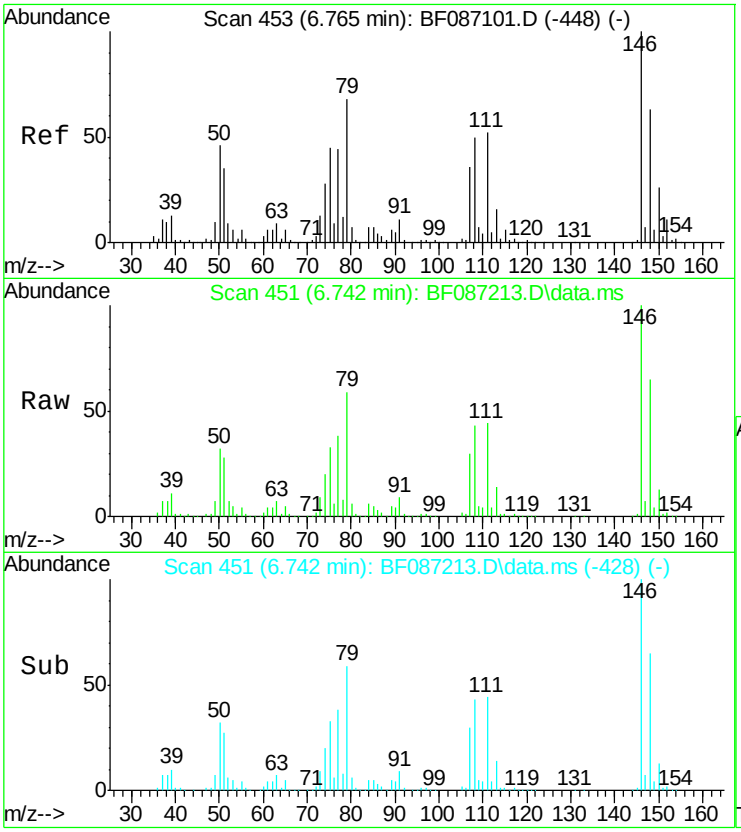


#14
1,2-Dichlorobenzene
Concen: 43.22 ng
RT: 6.742 min Scan# 451
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:146 Resp: 391151

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	44.0	36.2	54.4



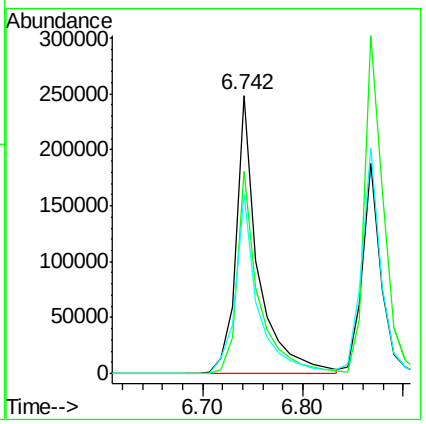


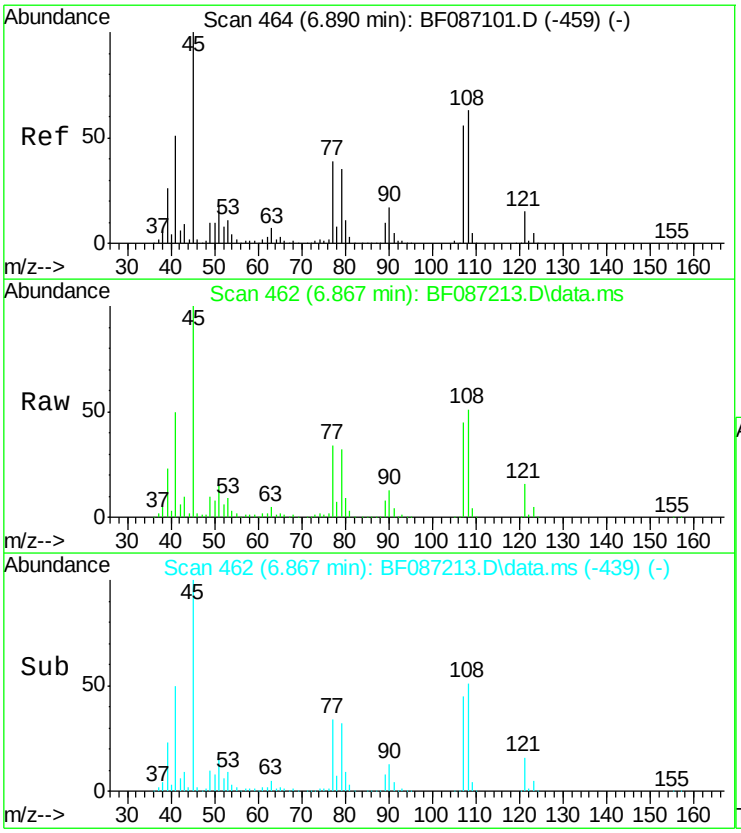
#15
Benzyl Alcohol
Concen: 48.37 ng
RT: 6.742 min Scan# 45
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 79 Resp: 377225

Ion	Ratio	Lower	Upper
79	100		
108	73.0	68.4	102.6
77	64.7	50.6	76.0

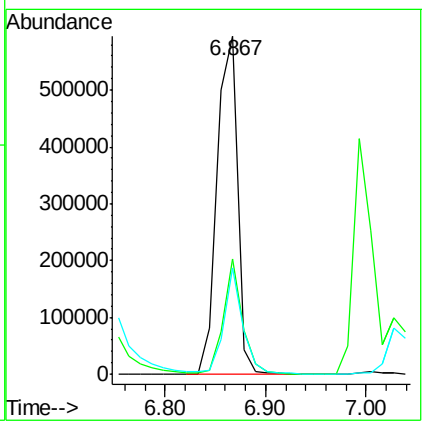


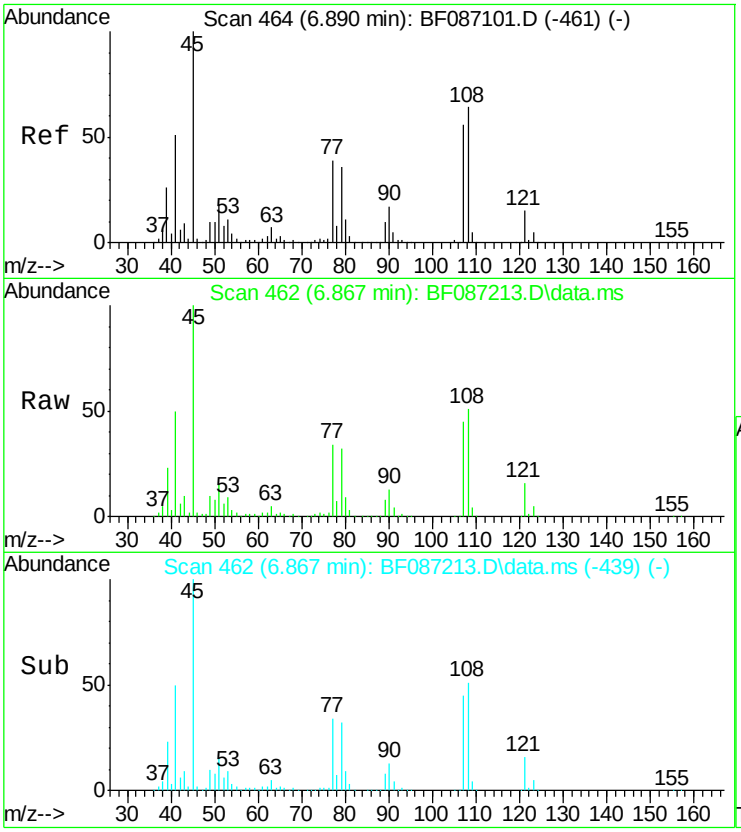


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.25 ng
RT: 6.867 min Scan# 462
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 45 Resp: 838572

Ion	Ratio	Lower	Upper
45	100		
77	34.0	0.0	36.4
79	31.6	0.0	33.4



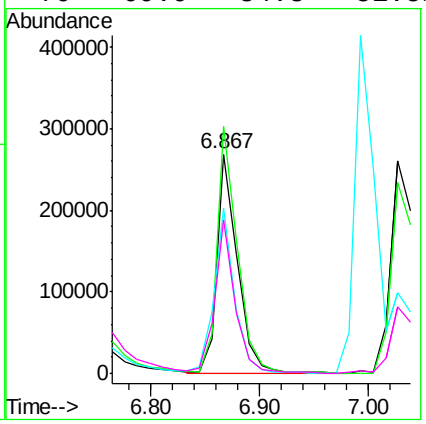


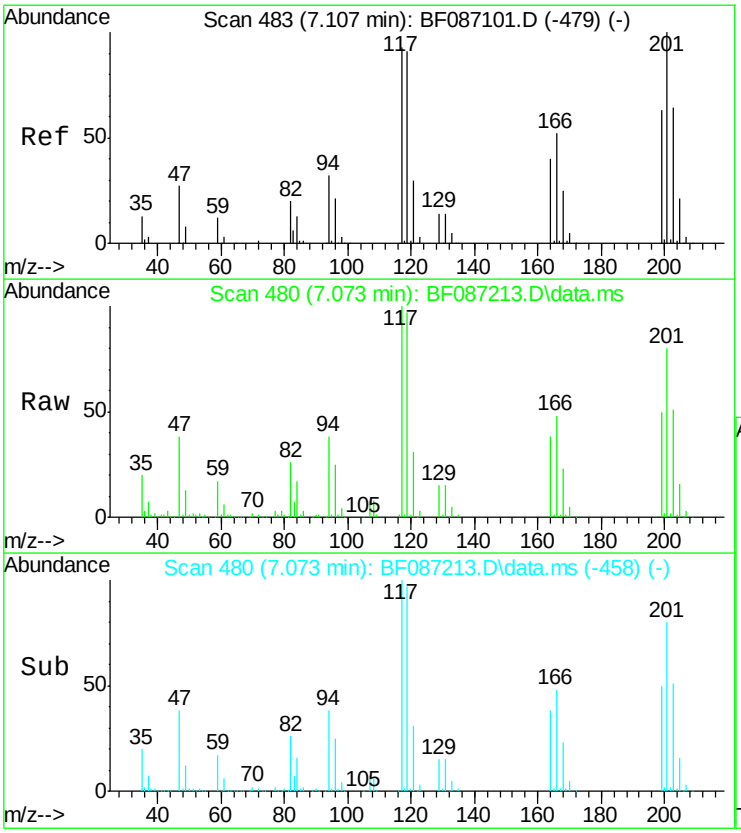
#17
2-Methylphenol
Concen: 44.66 ng
RT: 6.867 min Scan# 46
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:107 Resp: 348568

Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.7	140.5
77	75.1	33.4	50.0#
79	69.9	34.3	51.5#

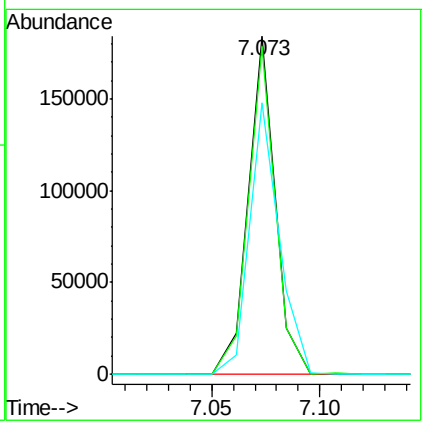


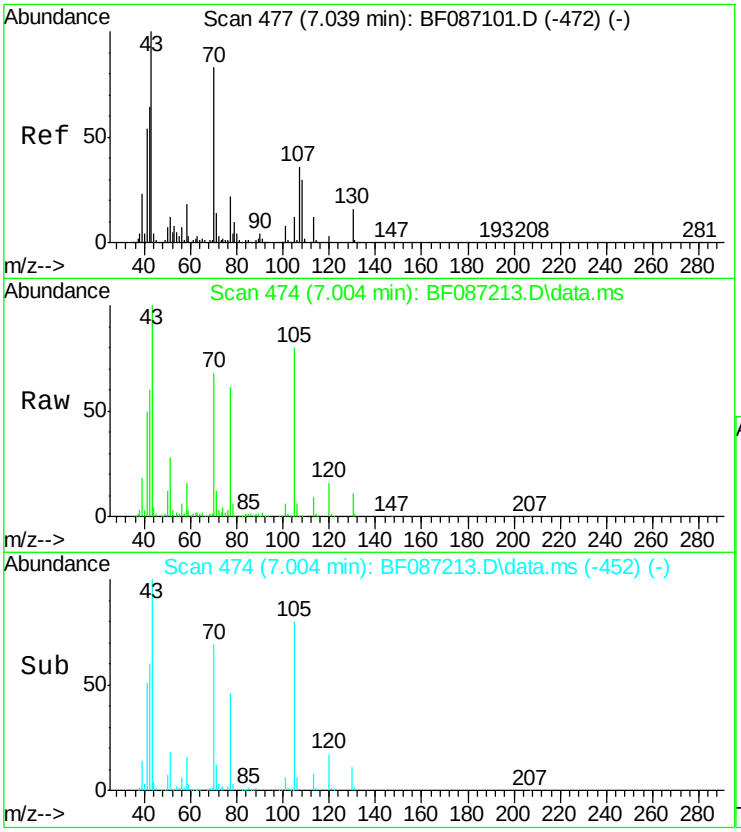


#18
Hexachloroethane
Concen: 40.27 ng
RT: 7.073 min Scan# 480
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:117 Resp: 159135

Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.5	114.7
201	80.3	63.0	94.6



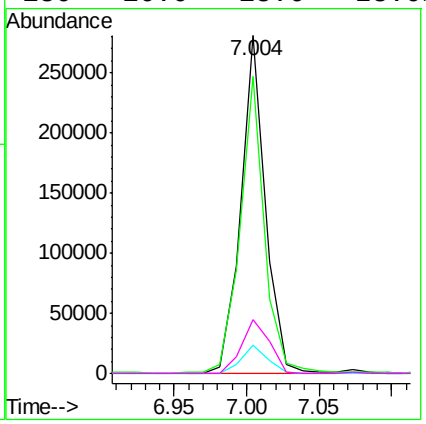


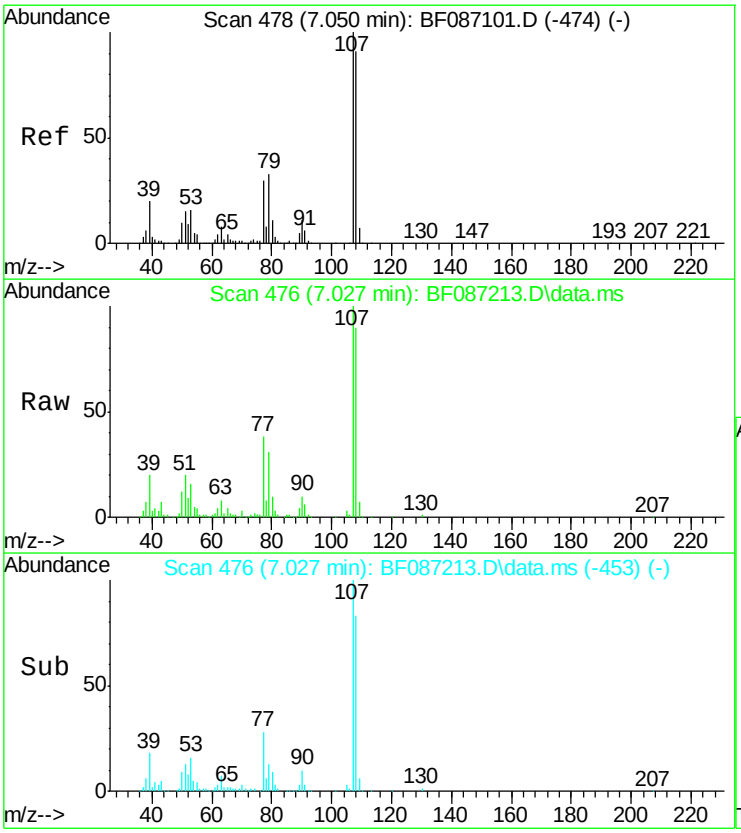
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.004 min Scan# 47
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 70 Resp: 328267

Ion	Ratio	Lower	Upper
70	100		
42	87.9	43.1	64.7#
101	8.4	8.1	12.1
130	16.0	18.6	28.0#

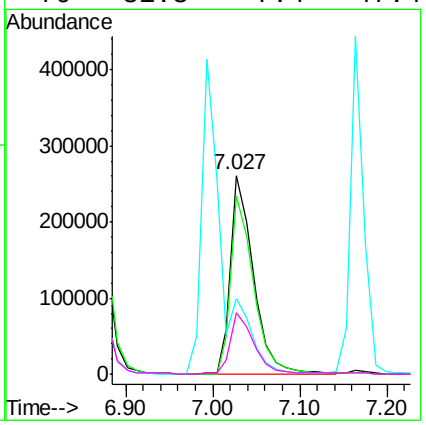


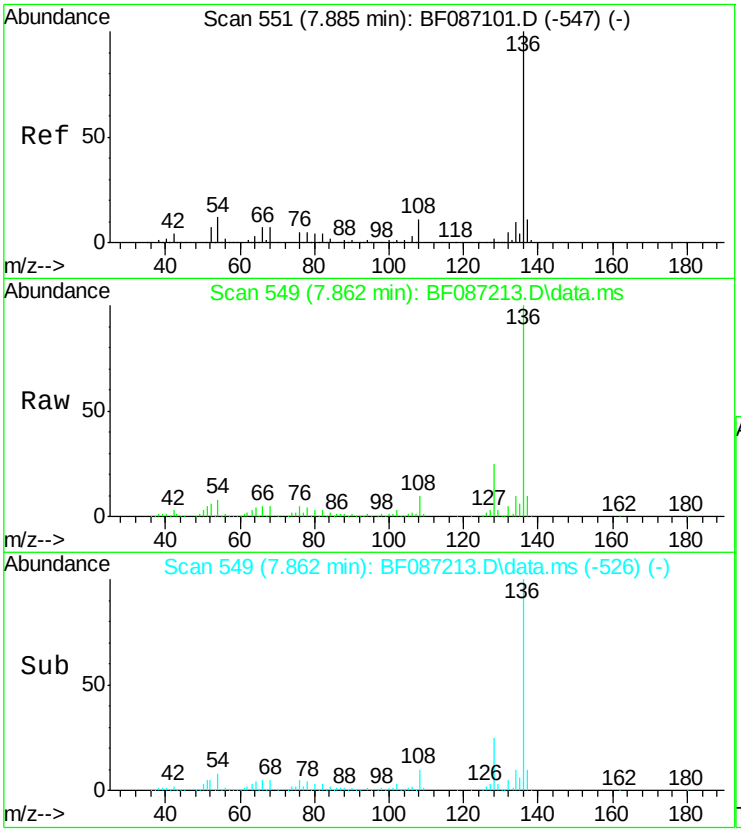


#20
3+4-Methylphenols
Concen: 46.21 ng
RT: 7.027 min Scan# 476
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:107 Resp: 475720

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	37.9	101.6	141.6#
79	31.3	7.4	47.4



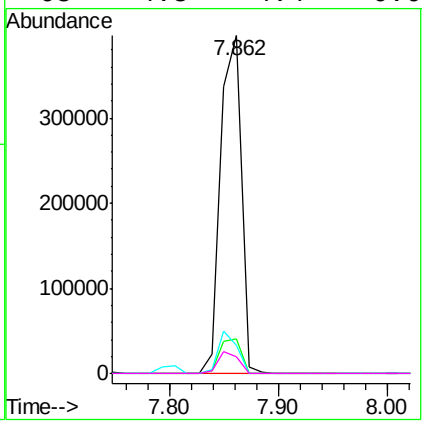


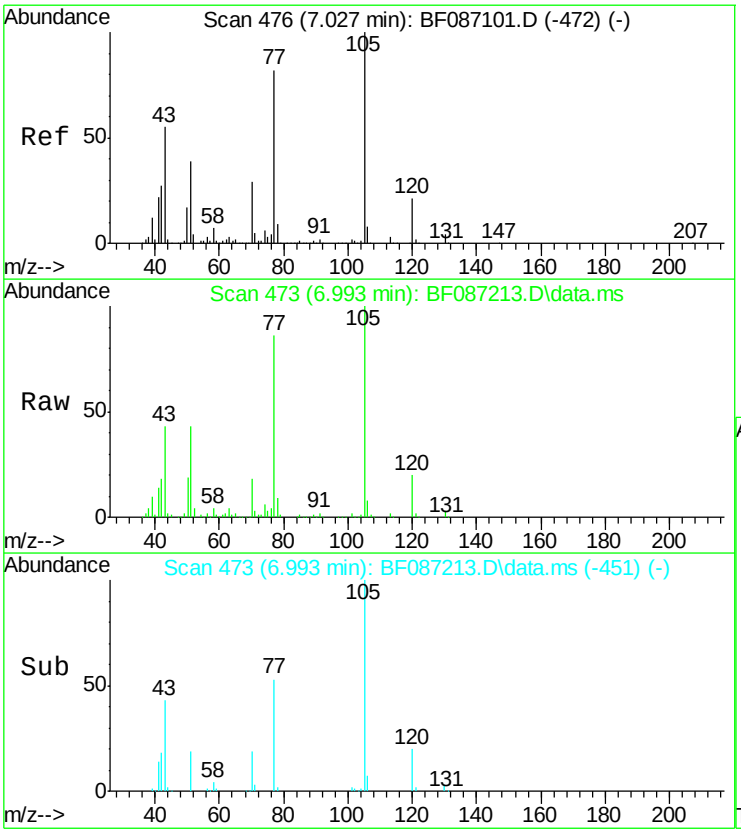
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.862 min Scan# 54
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:136 Resp: 525014

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	8.3	5.0	7.4#
68	4.8	4.4	6.6

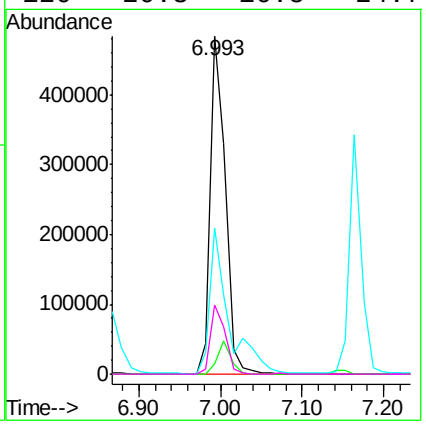


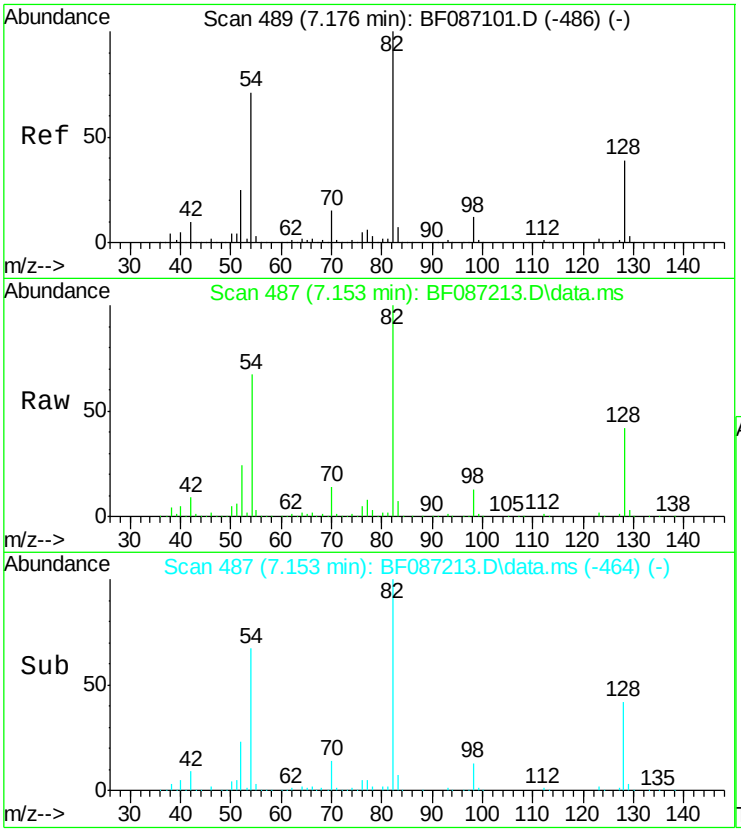


#22
Acetophenone
Concen: 48.86 ng
RT: 6.993 min Scan# 473
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:105 Resp: 627757

Ion	Ratio	Lower	Upper
105	100		
71	3.0	4.8	7.2#
51	43.3	32.6	49.0
120	20.3	16.5	24.7



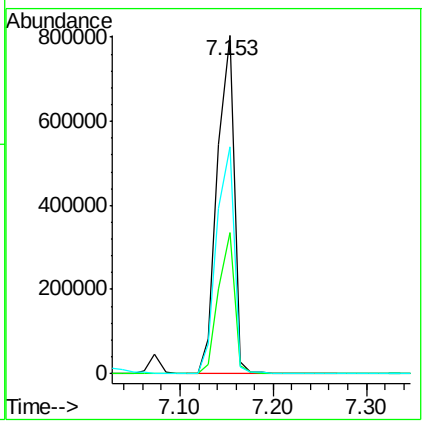


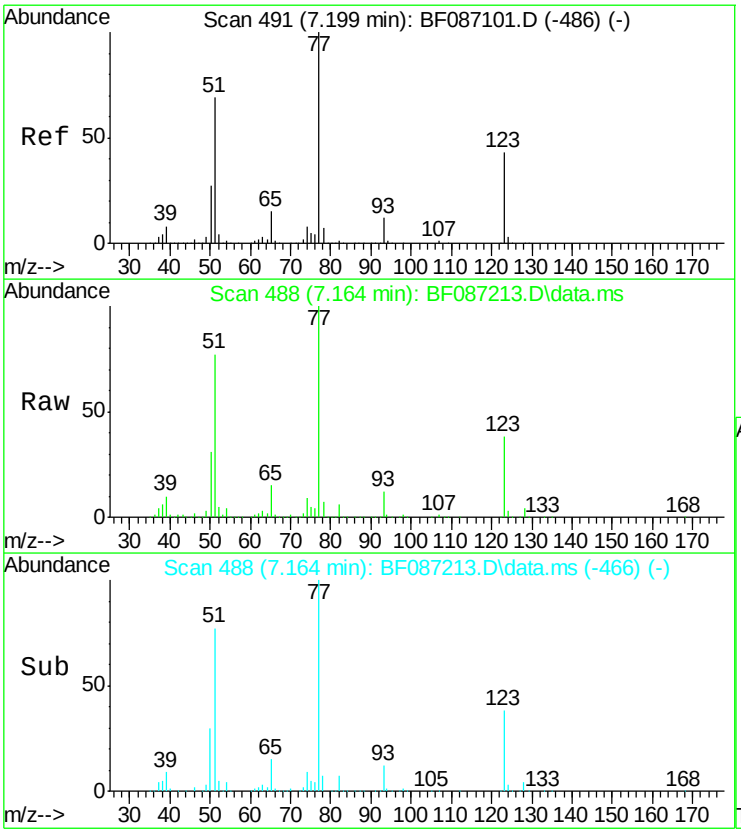
#23
Nitrobenzene-d5
Concen: 48.04 ng
RT: 7.153 min Scan# 48
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 82 Resp: 1012224

Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	61.0
54	67.2	38.1	57.1#

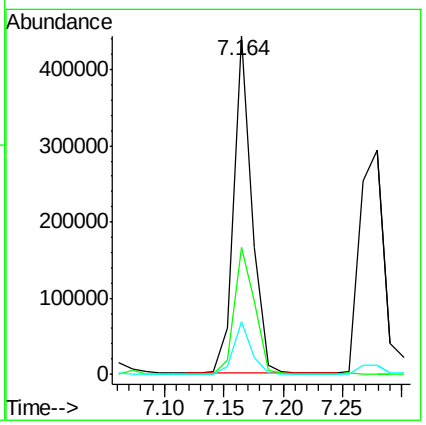


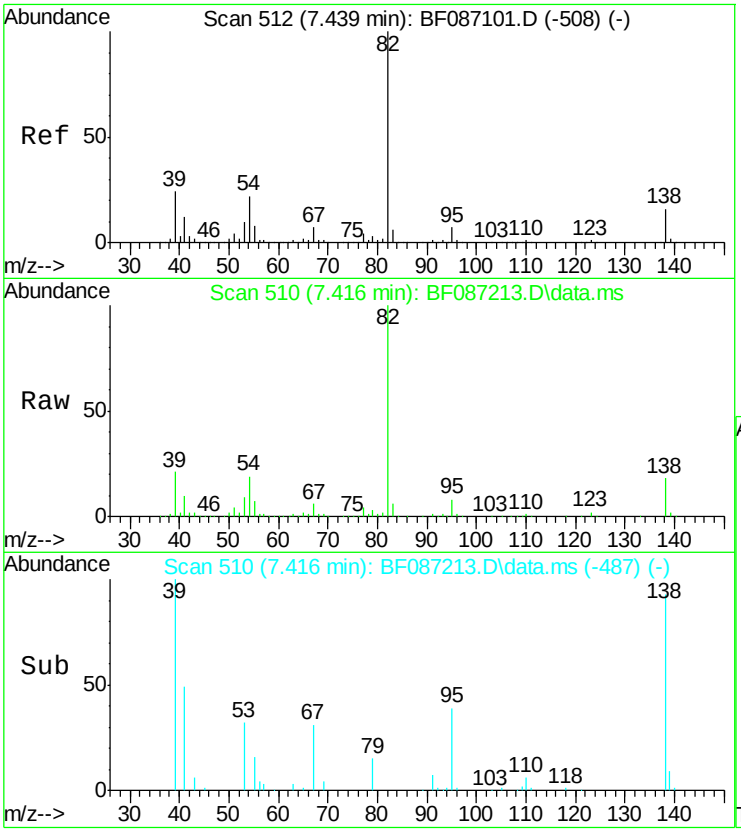


#24
Nitrobenzene
Concen: 40.85 ng
RT: 7.164 min Scan# 488
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 77 Resp: 469810

Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.4
65	15.4	10.8	16.2



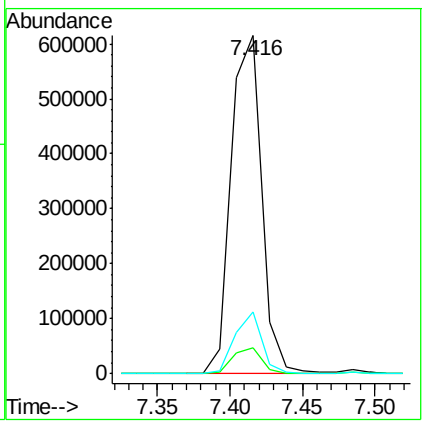


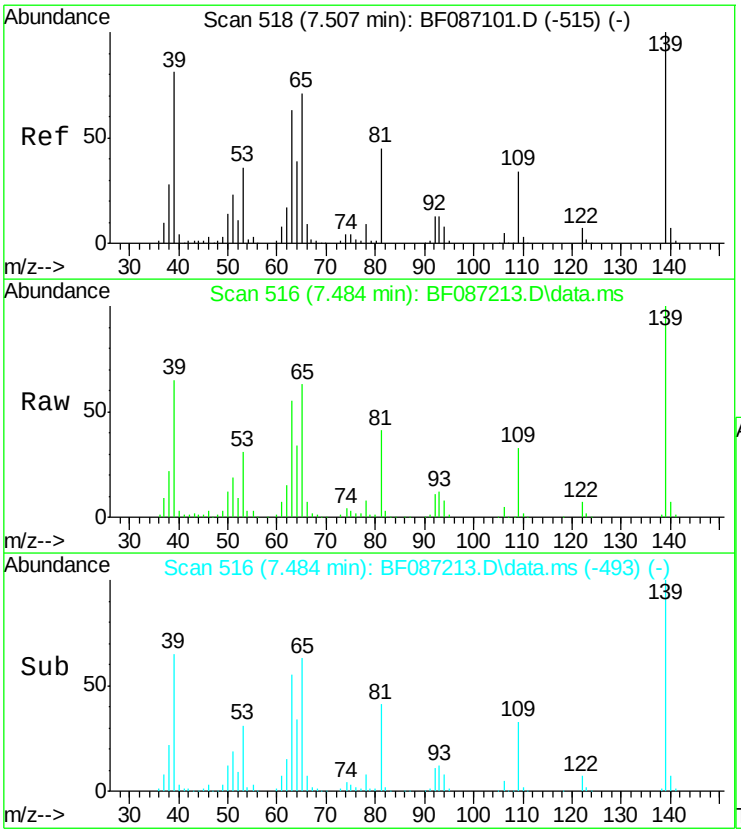
#25
Isophorone
Concen: 46.85 ng
RT: 7.416 min Scan# 51
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 82 Resp: 903519

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.1	7.7#
138	18.3	12.4	18.6

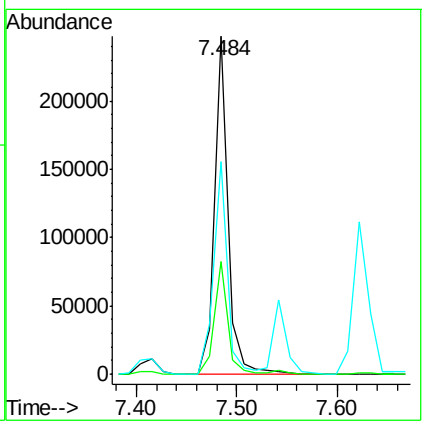


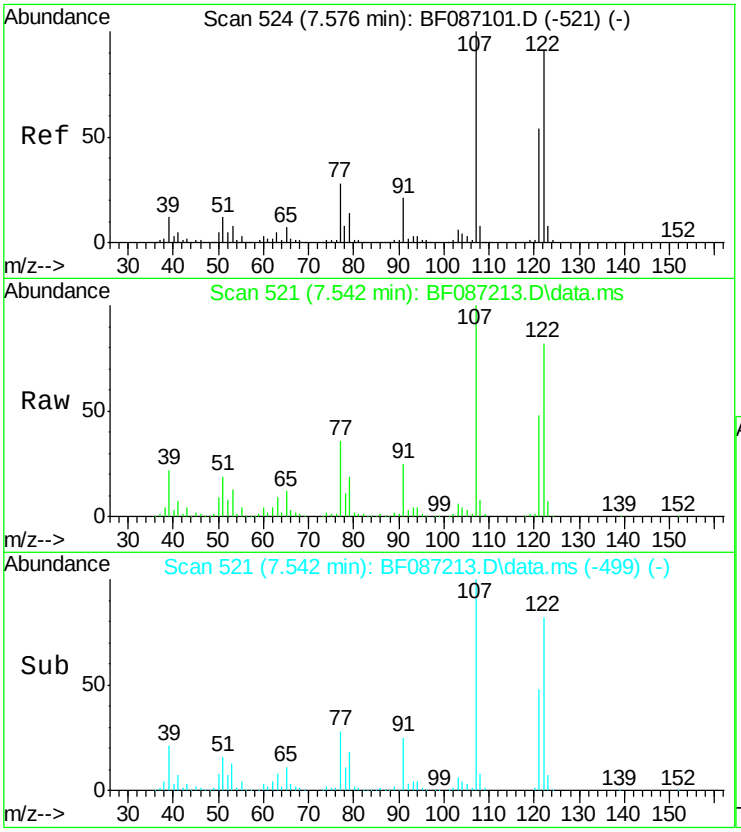


#26
2-Nitrophenol
Concen: 48.37 ng
RT: 7.484 min Scan# 516
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:139 Resp: 230489

Ion	Ratio	Lower	Upper
139	100		
109	33.3	19.5	29.3#
65	62.8	37.5	56.3#



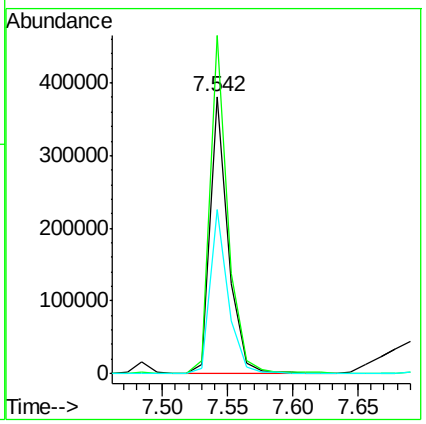


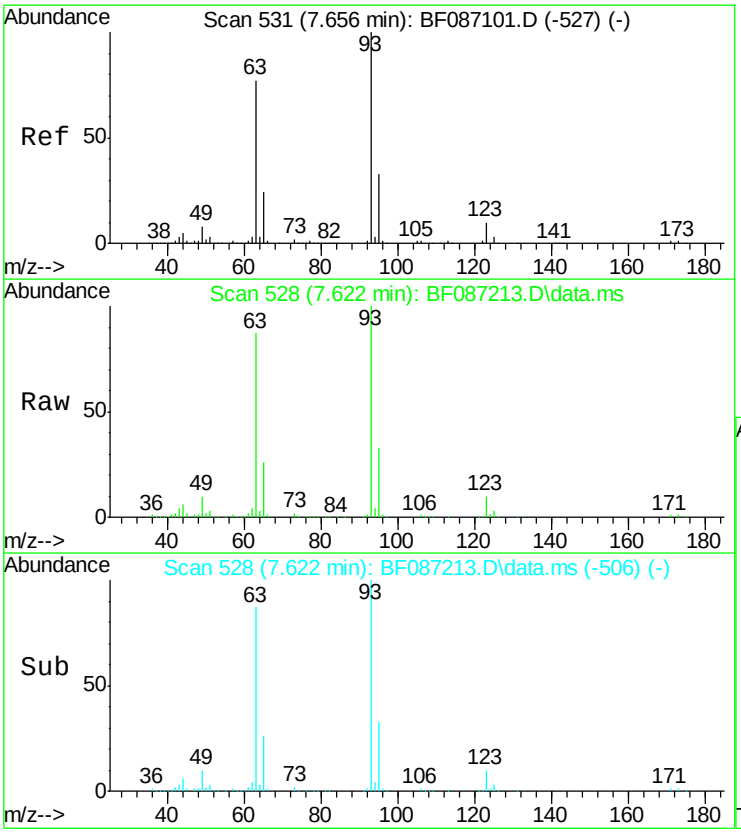
#27
2,4-Dimethylphenol
Concen: 45.74 ng
RT: 7.542 min Scan# 52
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:122 Resp: 371898

Ion	Ratio	Lower	Upper
122	100		
107	121.9	82.0	123.0
121	58.9	46.1	69.1

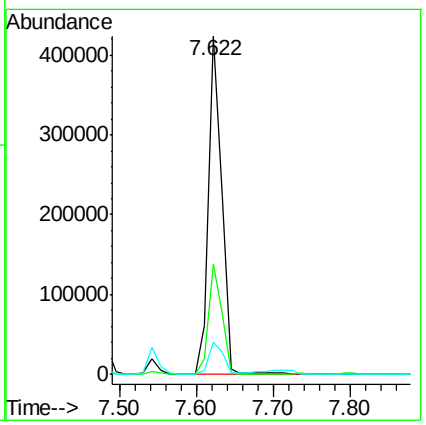


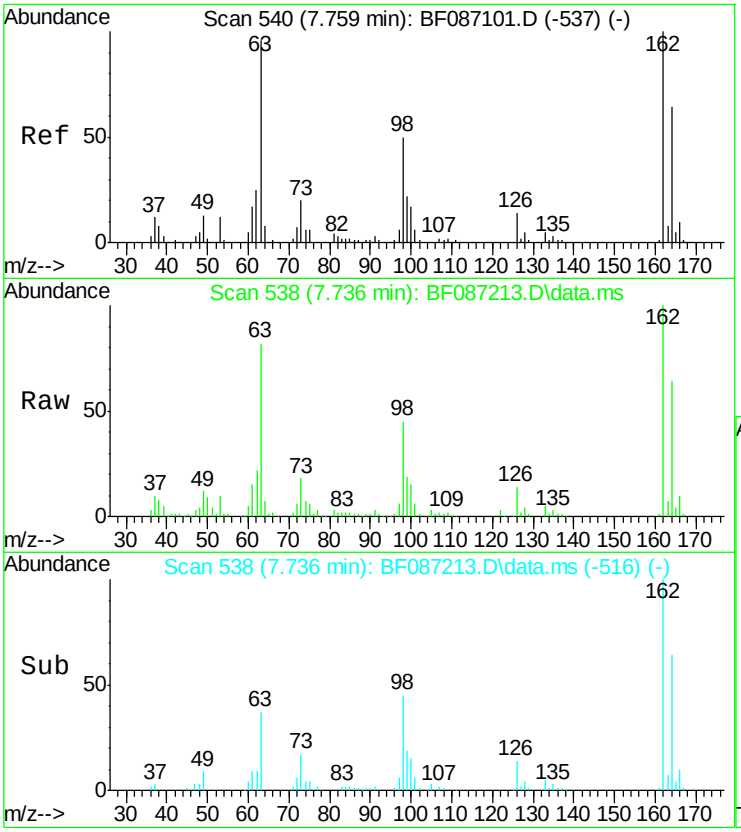


#28
bis(2-Chloroethoxy)methane
Concen: 47.06 ng
RT: 7.622 min Scan# 528
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 93 Resp: 498246

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	9.7	9.5	14.3



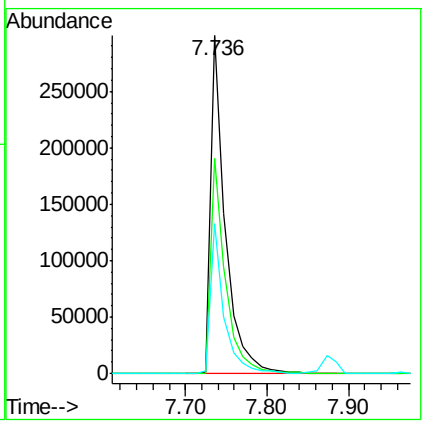


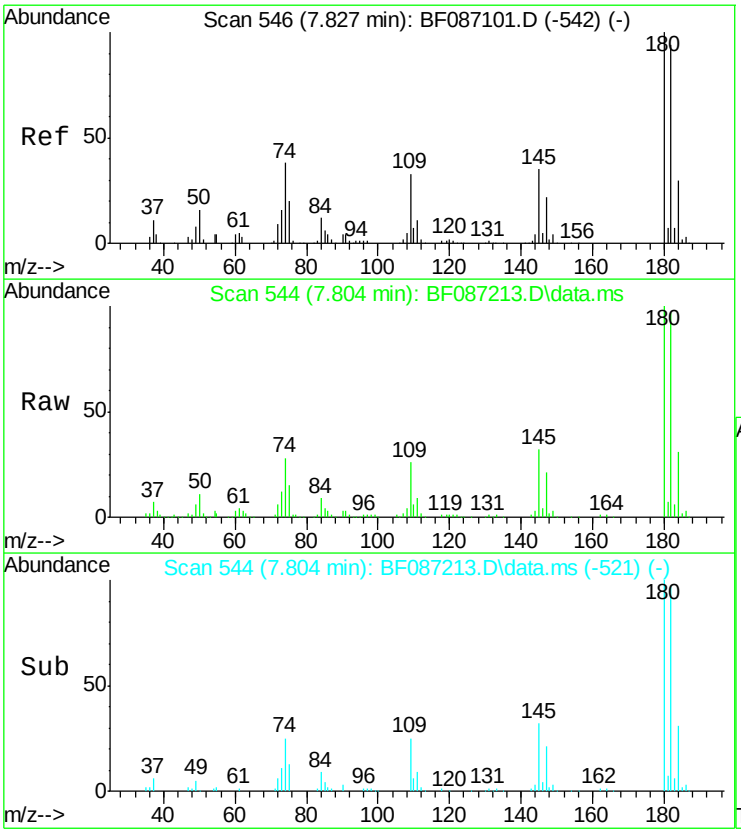
#29
2,4-Dichlorophenol
Concen: 52.24 ng
RT: 7.736 min Scan# 53
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:162 Resp: 374353

Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.2	82.2
98	44.5	19.0	59.0

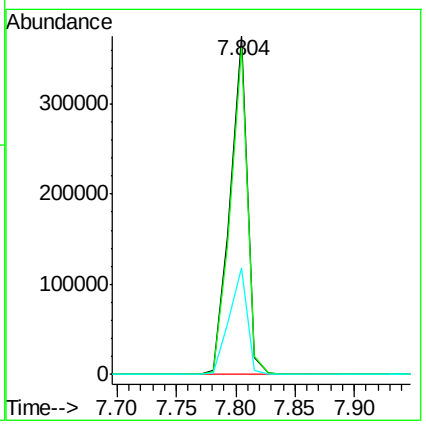


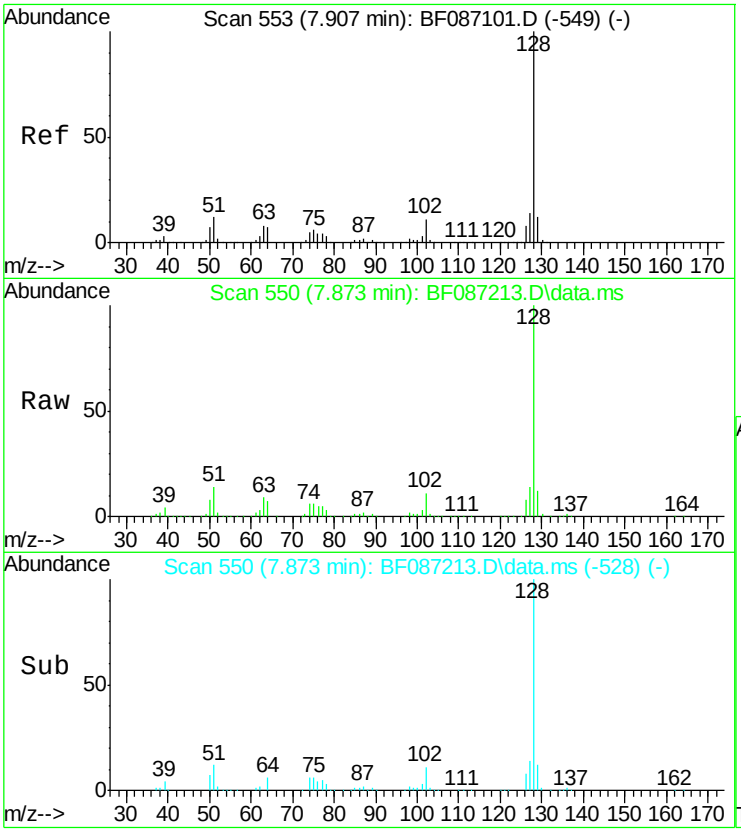


#30
1,2,4-Trichlorobenzene
Concen: 47.70 ng
RT: 7.804 min Scan# 544
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:180 Resp: 379259

Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.0	117.0
145	31.6	24.2	36.2



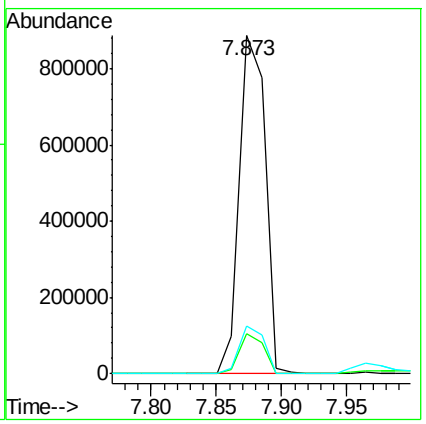


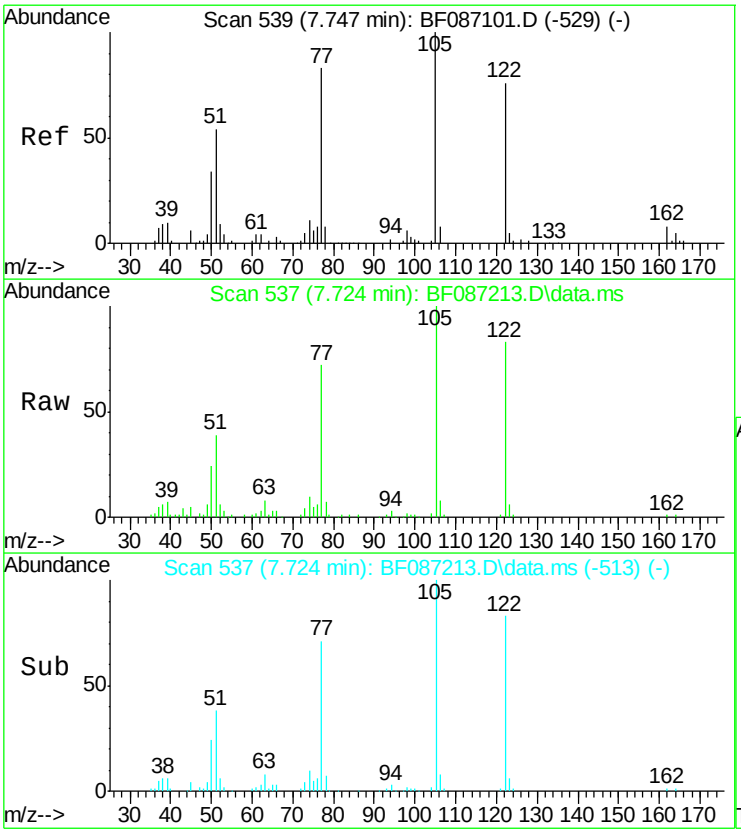
#31
Naphthalene
Concen: 47.73 ng
RT: 7.873 min Scan# 55
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:128 Resp: 1224401

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.9	10.8	16.2

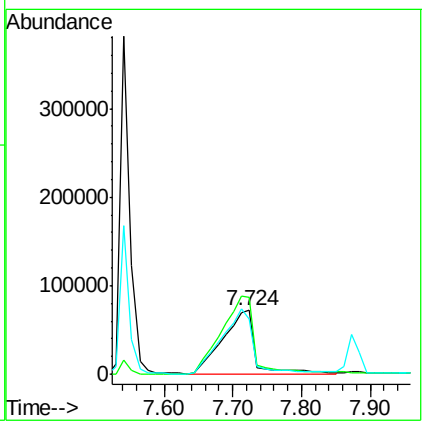


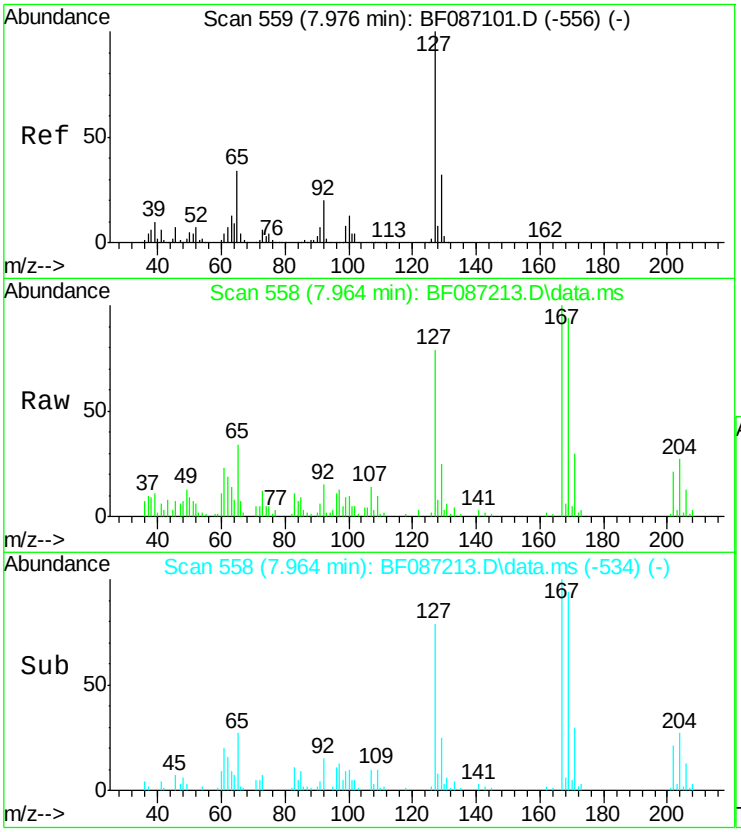


#32
Benzoic acid
Concen: 48.87 ng
RT: 7.724 min Scan# 537
Delta R.T. -0.023 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:122 Resp: 236857

Ion	Ratio	Lower	Upper
122	100		
105	120.3	92.6	132.6
77	86.3	60.0	100.0



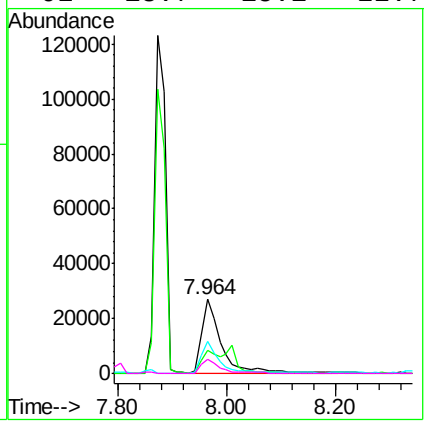


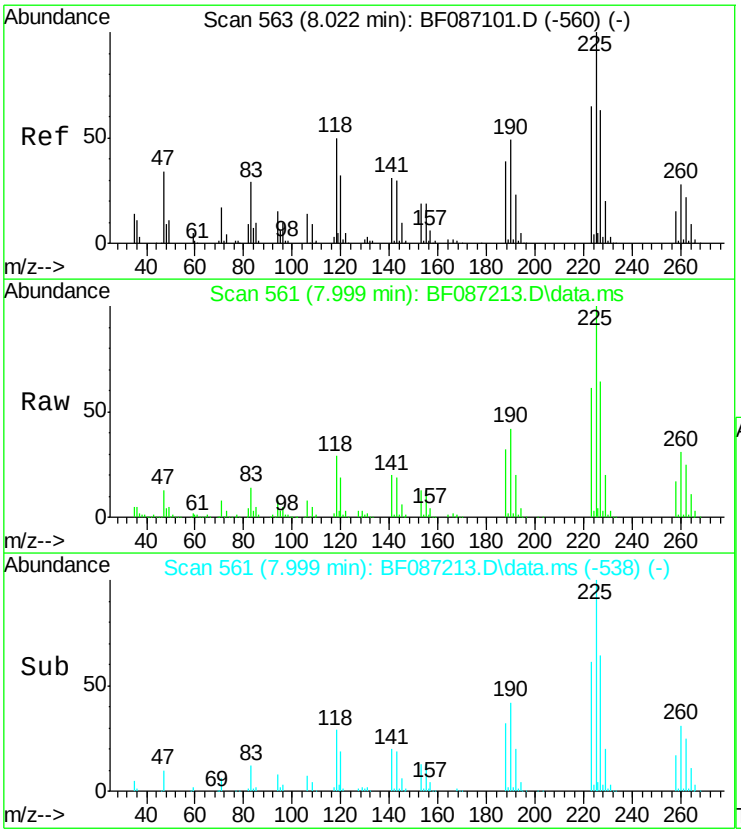
#33
4-Chloroaniline
Concen: 6.48 ng
RT: 7.964 min Scan# 55
Delta R.T. -0.023 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:127 Resp: 69126

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	42.7	23.0	34.4#
92	18.7	15.1	22.7

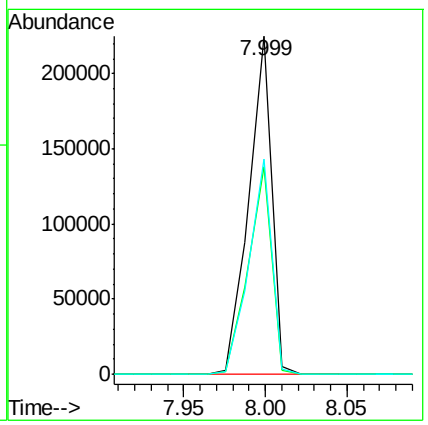


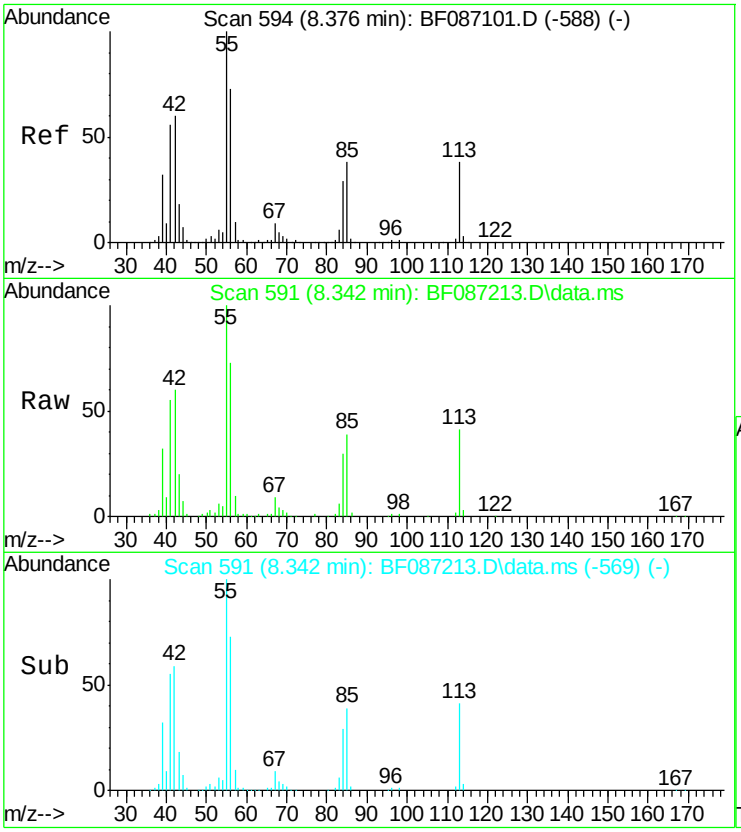


#34
Hexachlorobutadiene
Concen: 48.81 ng
RT: 7.999 min Scan# 561
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:225 Resp: 220243

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.5	77.3
227	63.5	52.2	78.2



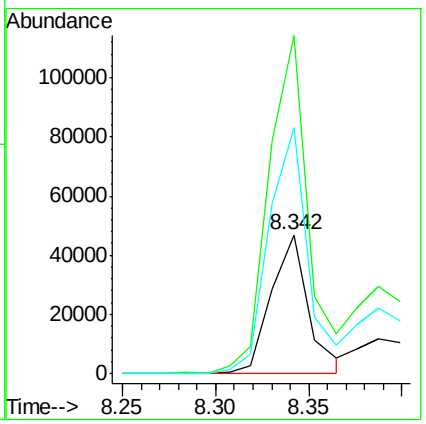


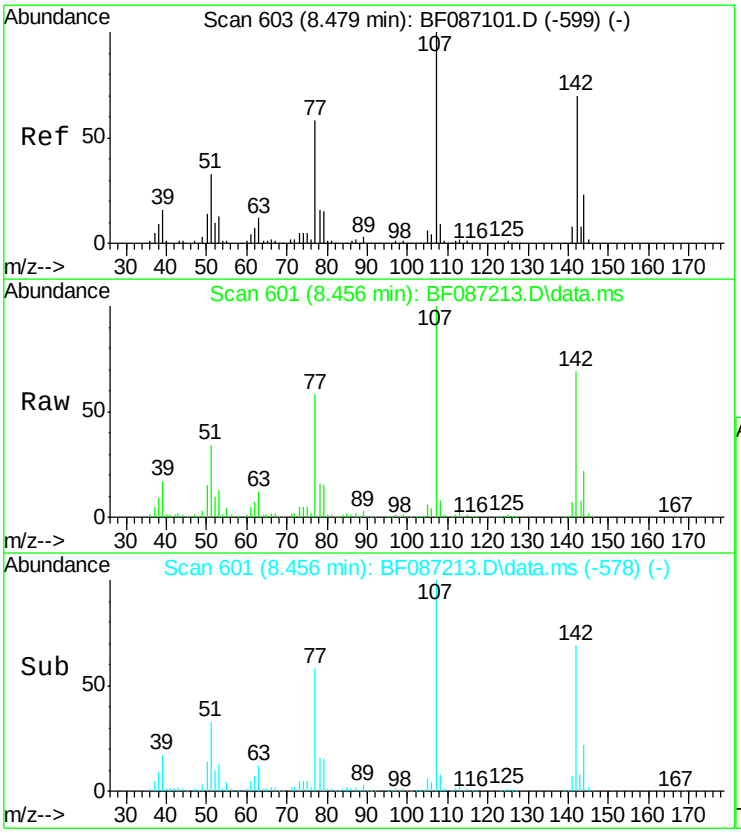
#35
Caprolactam
Concen: 27.36 ng
RT: 8.342 min Scan# 59
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:113 Resp: 65285

Ion	Ratio	Lower	Upper
113	100		
55	243.9	162.0	202.0#
56	177.7	115.3	155.3#

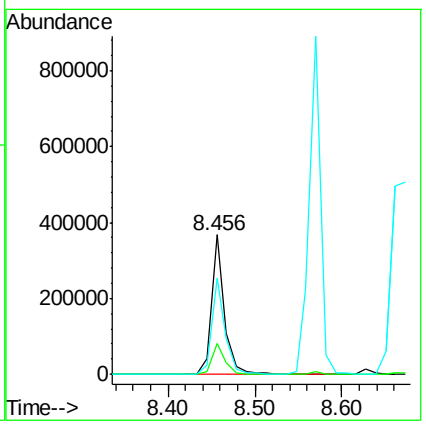


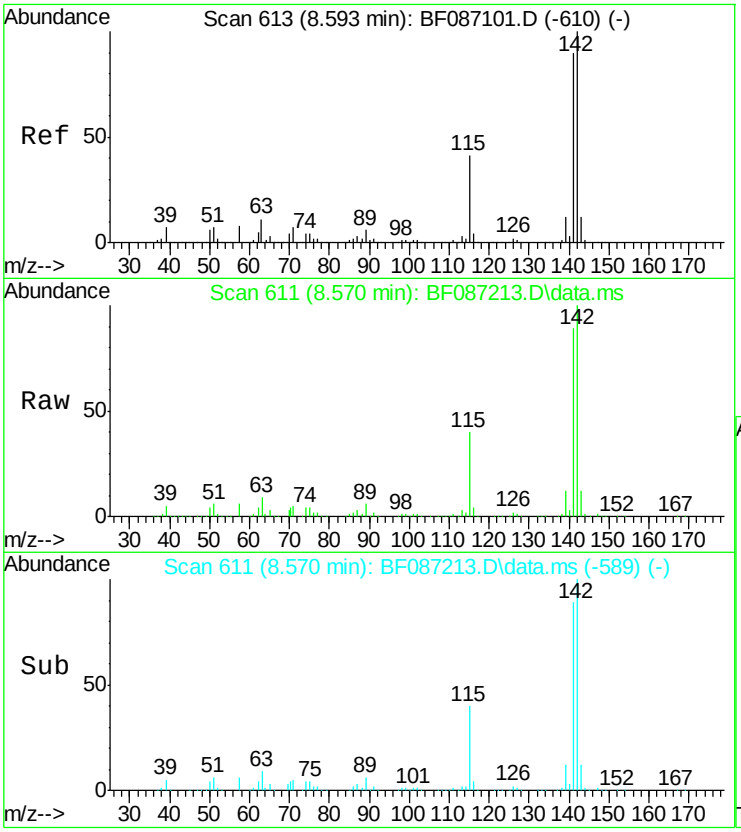


#36
4-Chloro-3-methylphenol
Concen: 44.28 ng
RT: 8.456 min Scan# 601
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:107 Resp: 382717

Ion	Ratio	Lower	Upper
107	100		
144	21.8	20.7	31.1
142	68.7	63.2	94.8



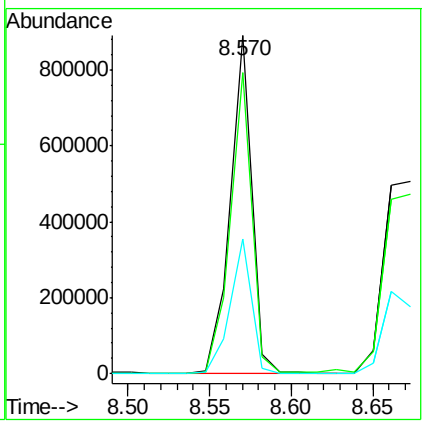


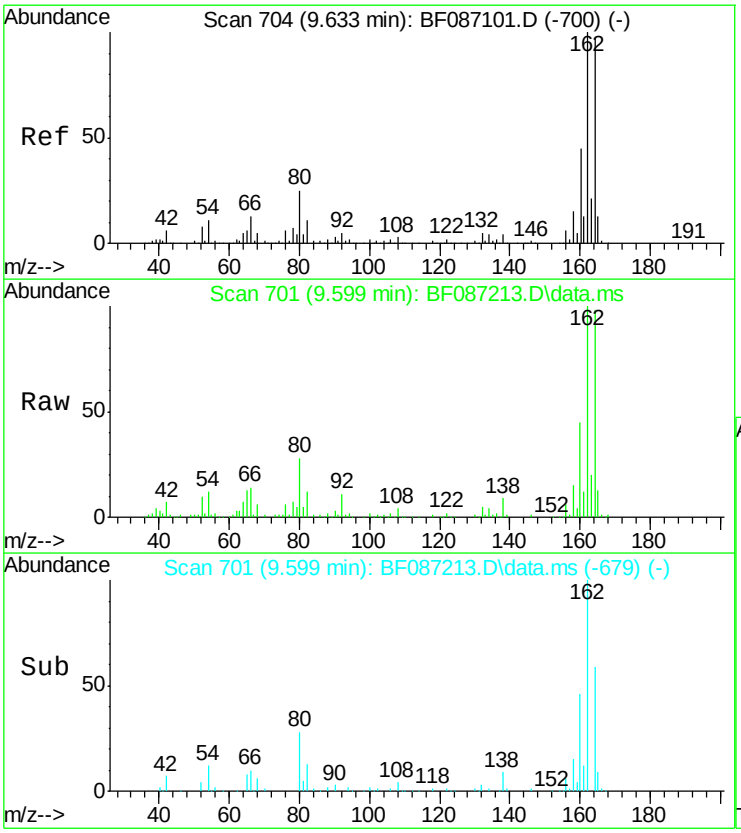
#37
2-Methylnaphthalene
Concen: 49.19 ng
RT: 8.570 min Scan# 61
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:142 Resp: 807154

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	39.8	26.6	39.8

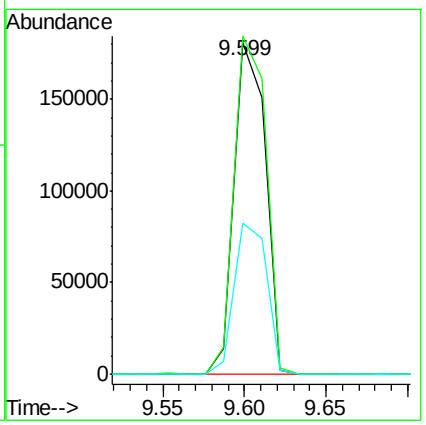


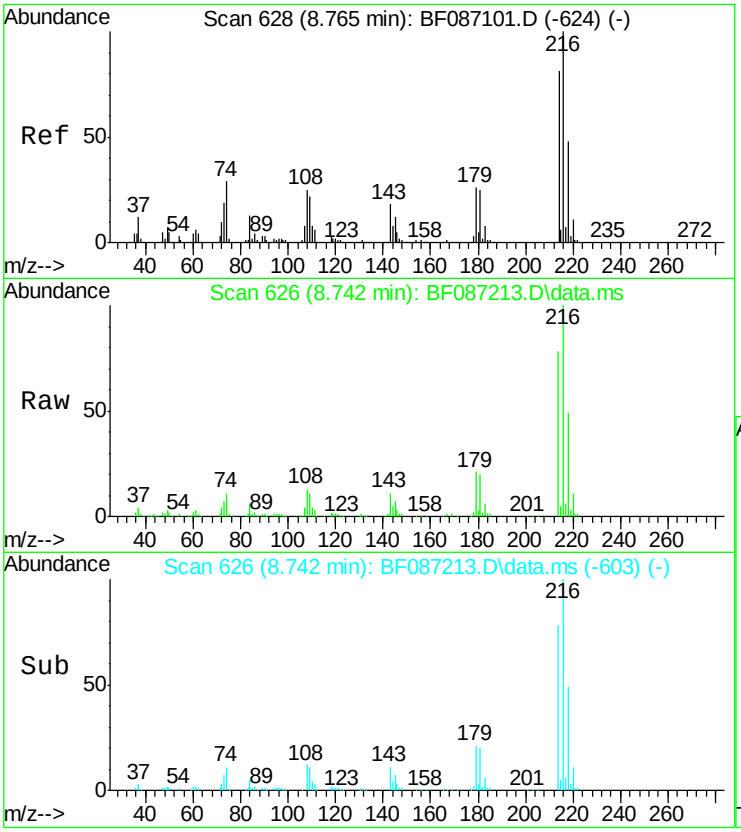


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.599 min Scan# 701
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:164 Resp: 238869

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	45.5	36.9	55.3



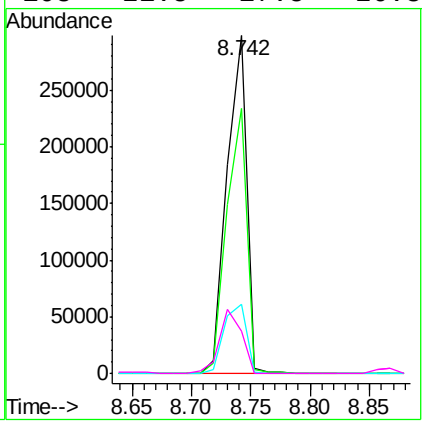


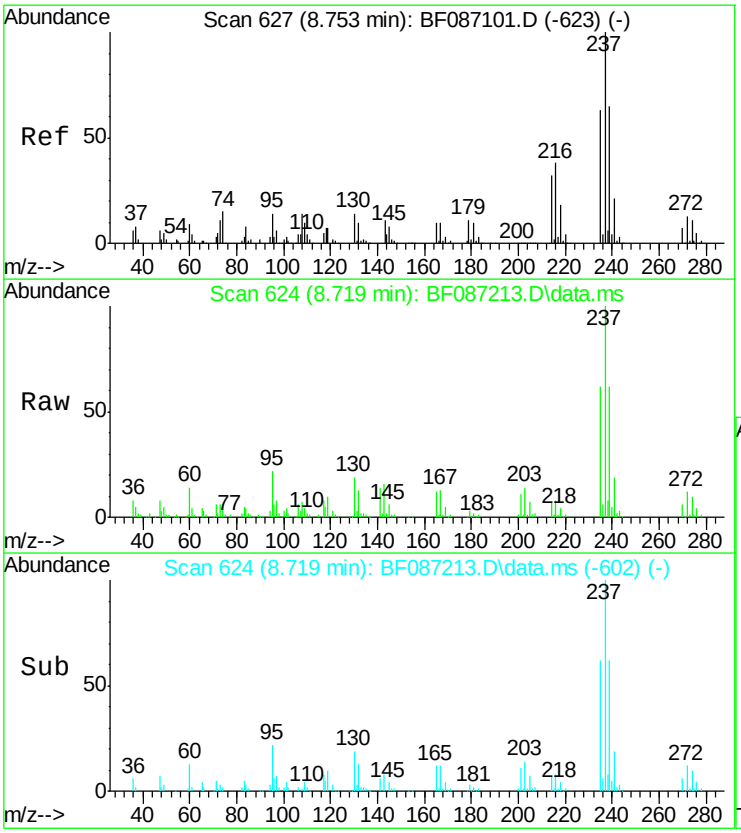
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.34 ng
RT: 8.742 min Scan# 62
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:216 Resp: 344222

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	93.8
179	23.3	18.2	27.4
108	21.5	17.5	26.3

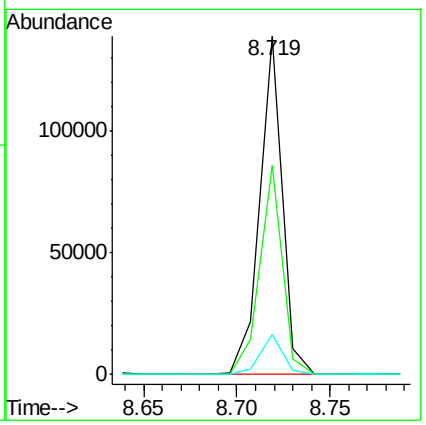


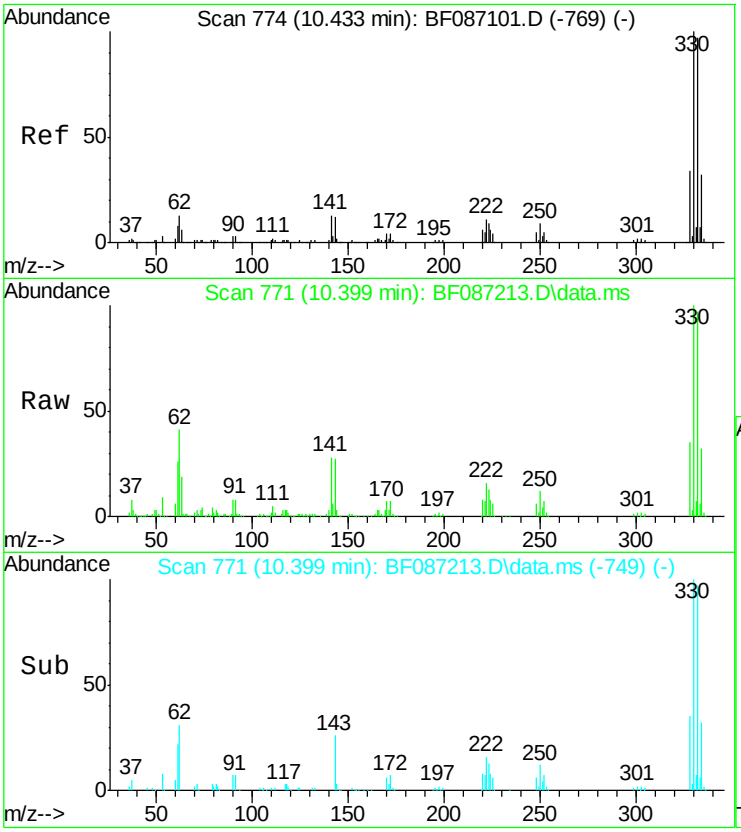


#40
Hexachlorocyclopentadiene
Concen: 47.17 ng
RT: 8.719 min Scan# 624
Delta R.T. -0.045 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:237 Resp: 117470

Ion	Ratio	Lower	Upper
237	100		
235	61.8	47.2	87.2
272	11.9	0.0	31.1



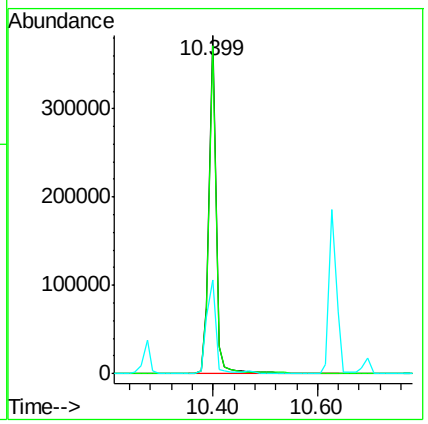


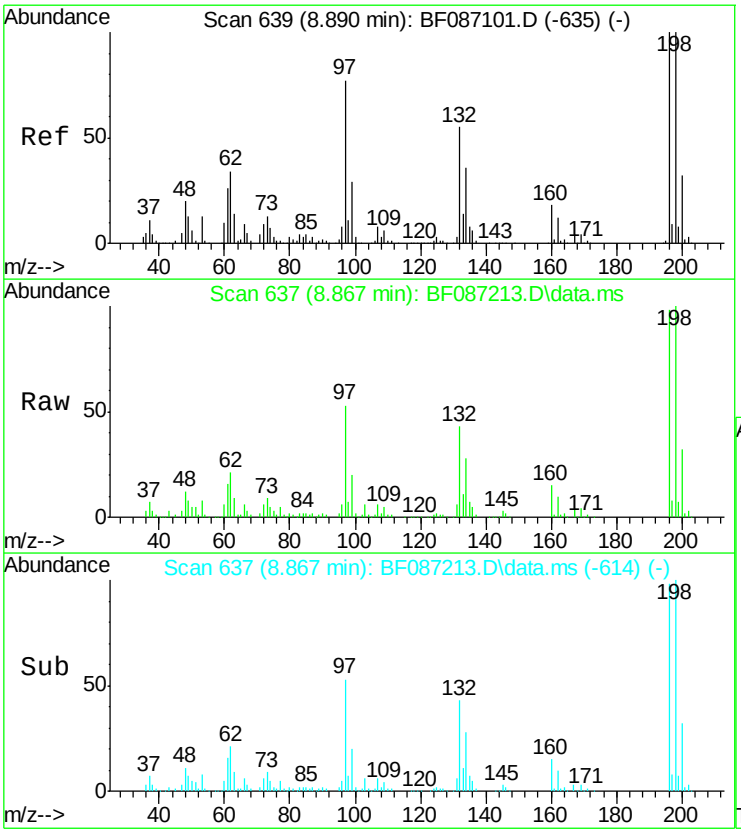
#41
2,4,6-Tribromophenol
Concen: 68.11 ng
RT: 10.399 min Scan# 77
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:330 Resp: 359589

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	35.3	31.2	46.8

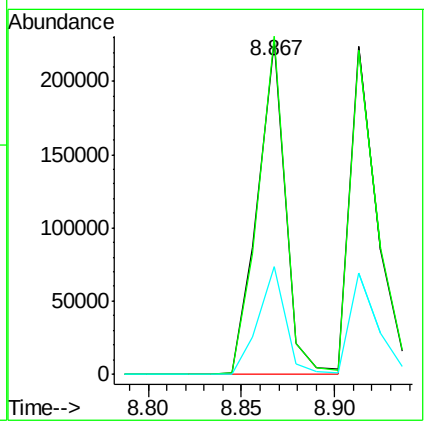


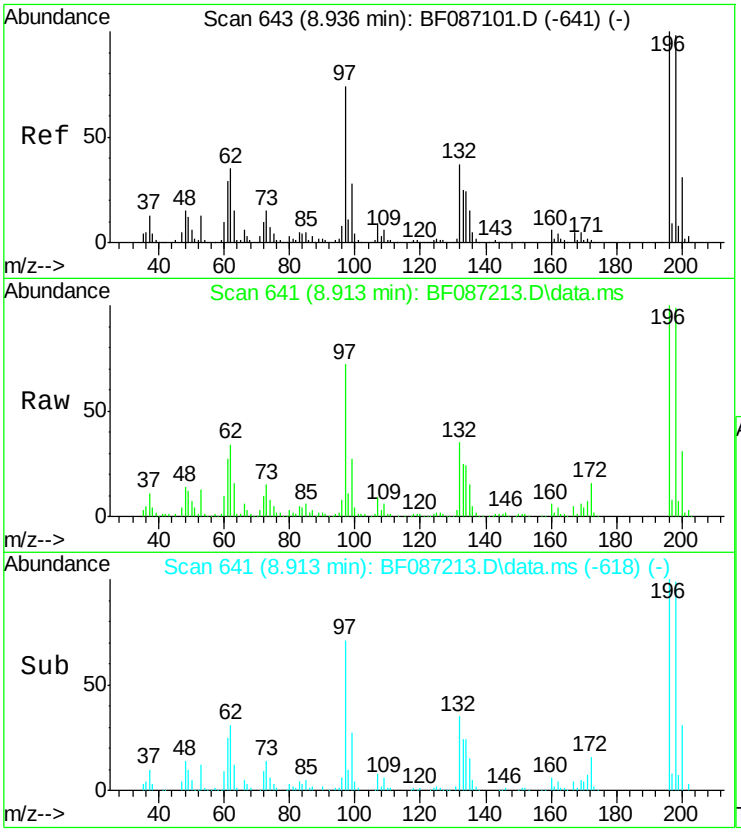


#42
2,4,6-Trichlorophenol
Concen: 52.03 ng
RT: 8.867 min Scan# 637
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:196 Resp: 235421

Ion	Ratio	Lower	Upper
196	100		
198	101.7	74.7	112.1
200	32.2	23.8	35.6



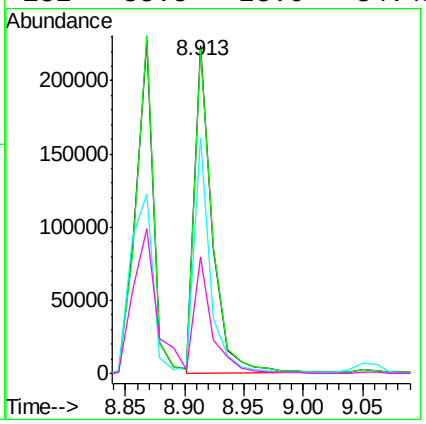


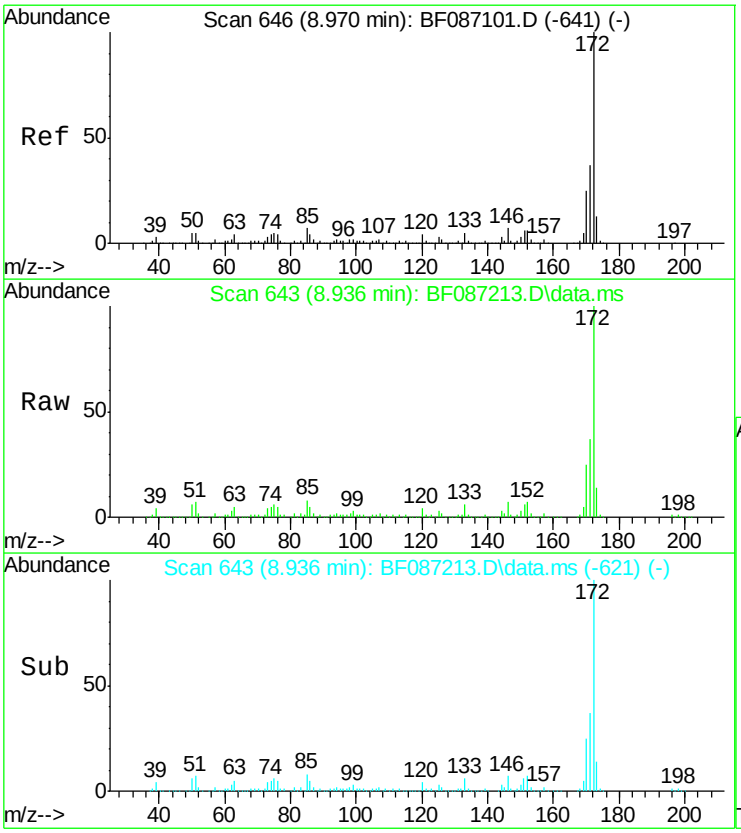
#43
2,4,5-Trichlorophenol
Concen: 49.85 ng
RT: 8.913 min Scan# 64
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:196 Resp: 234292

Ion	Ratio	Lower	Upper
196	100		
198	98.8	77.5	116.3
97	71.8	34.8	52.2#
132	35.5	23.0	34.4#

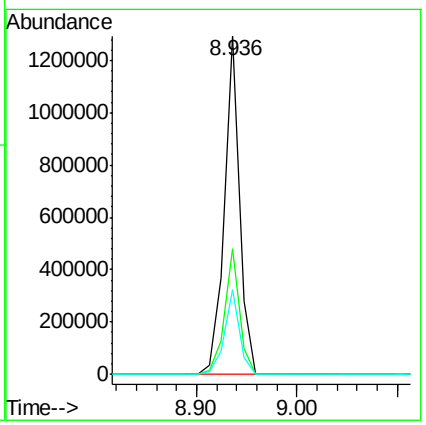


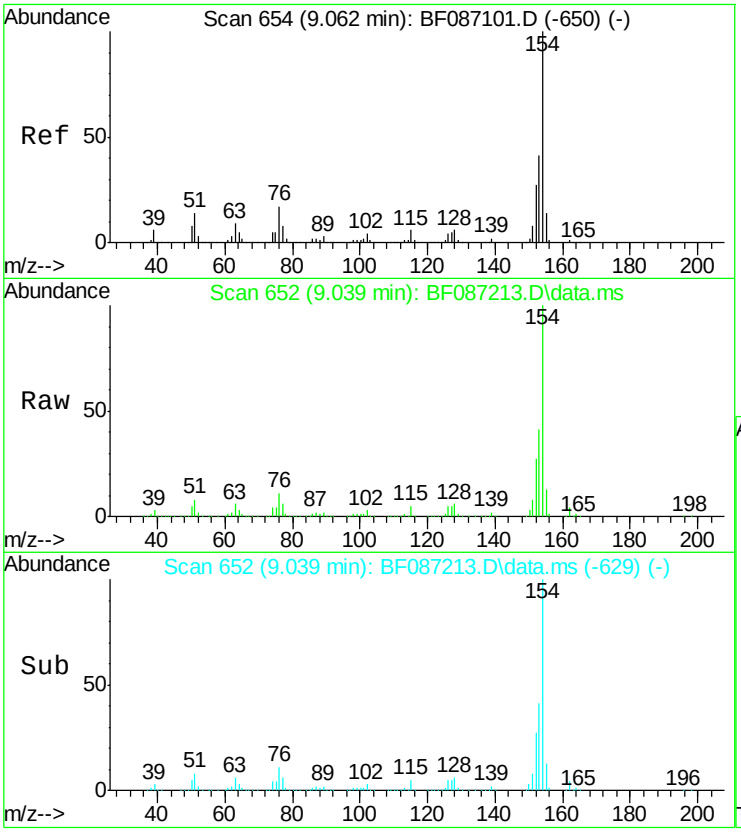


#44
2-Fluorobiphenyl
Concen: 47.17 ng
RT: 8.936 min Scan# 643
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:172 Resp: 1360595

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	25.0	19.8	29.8



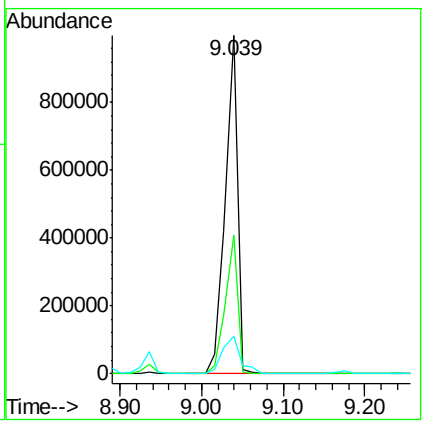


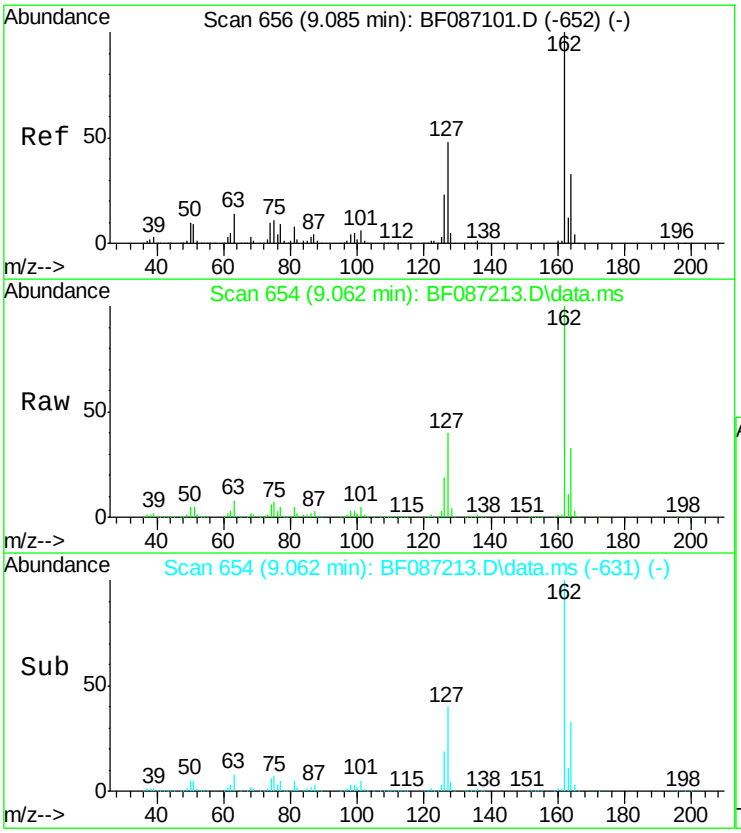
#45
1,1'-Biphenyl
Concen: 51.77 ng
RT: 9.039 min Scan# 65
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:154 Resp: 1025315

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	11.1	0.0	30.2

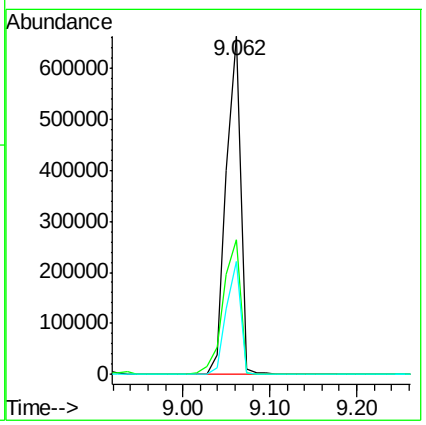


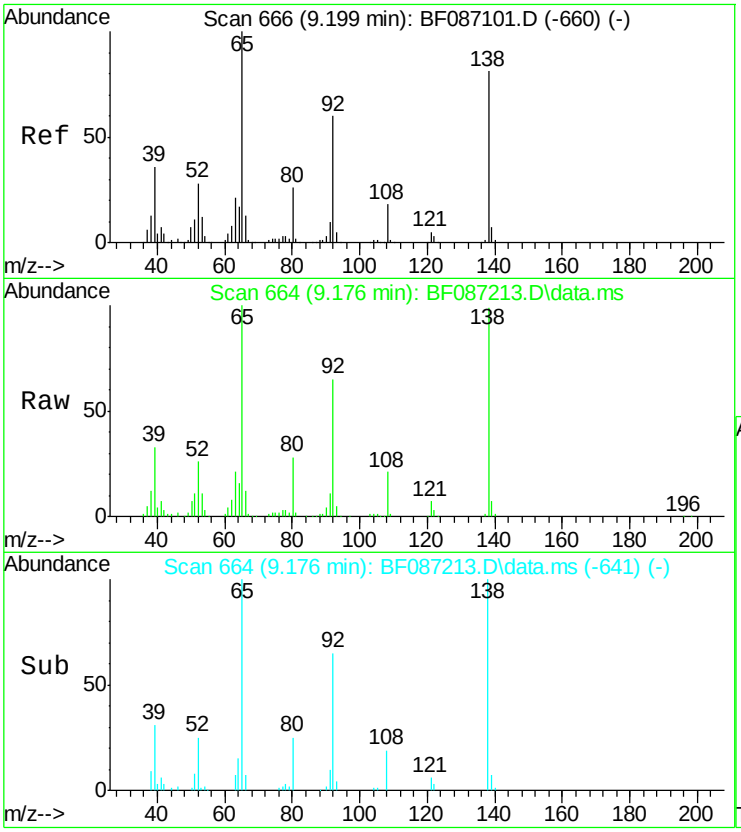


#46
2-Chloronaphthalene
Concen: 50.48 ng
RT: 9.062 min Scan# 654
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:162 Resp: 767647

Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.8	47.6
164	33.2	27.0	40.6



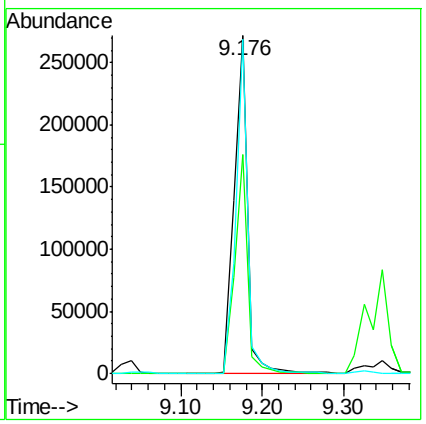


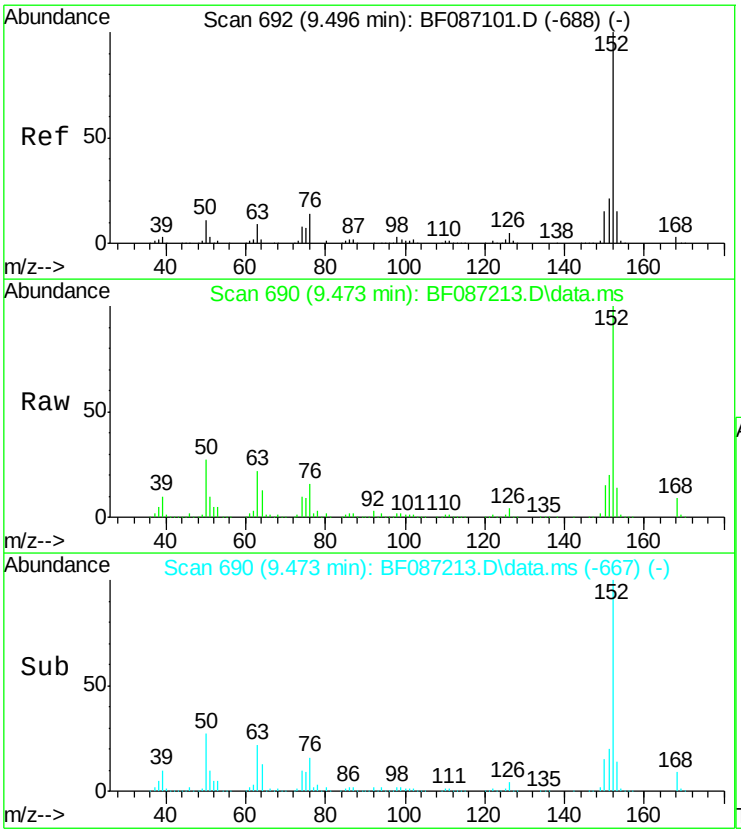
#47
2-Nitroaniline
Concen: 53.46 ng
RT: 9.176 min Scan# 66
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion: 65 Resp: 311504

Ion	Ratio	Lower	Upper
65	100		
92	64.8	57.4	86.2
138	99.1	90.1	135.1

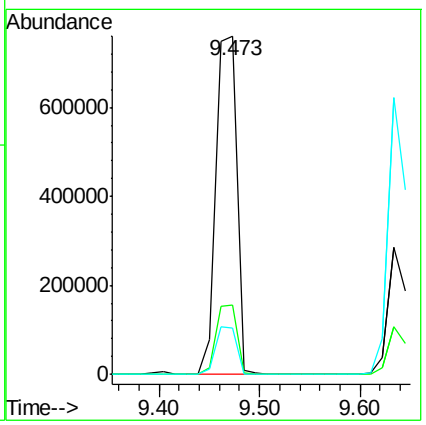


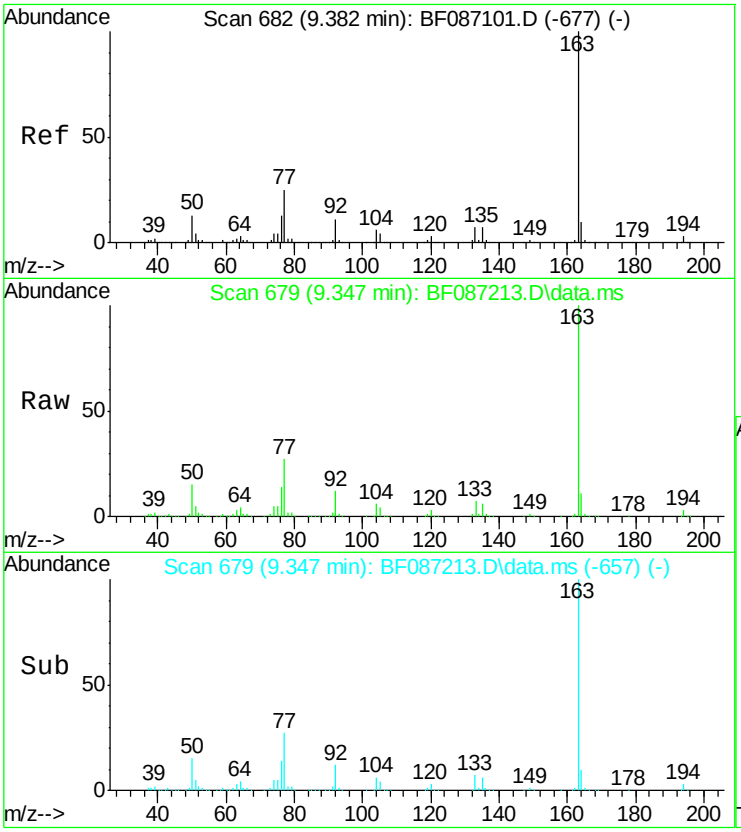


#48
Acenaphthylene
Concen: 47.53 ng
RT: 9.473 min Scan# 690
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:152 Resp: 1103527

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.6	10.9	16.3



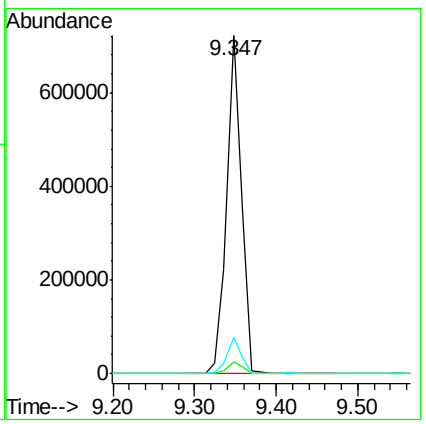


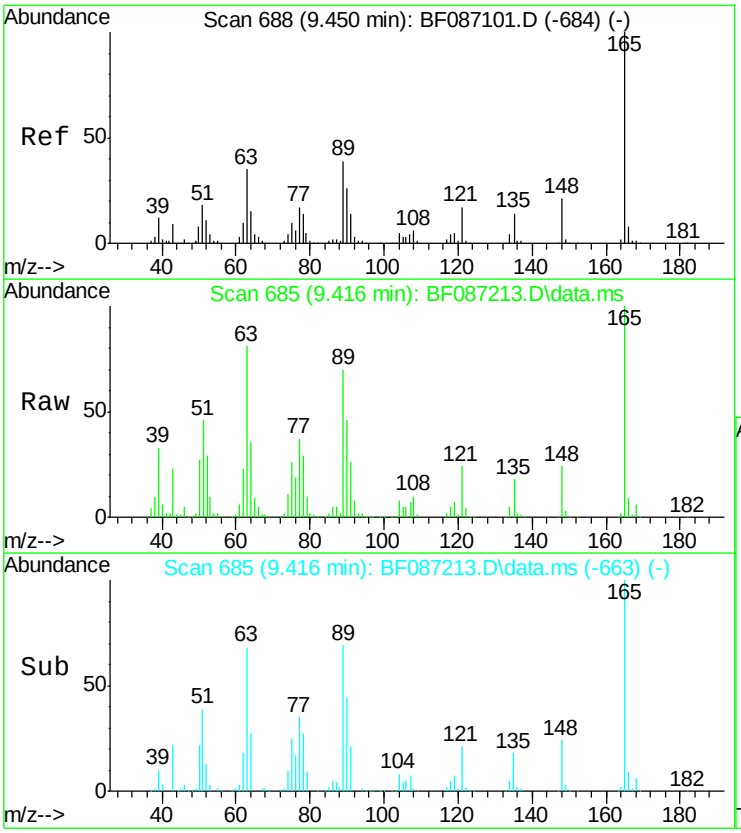
#49
Dimethylphthalate
Concen: 49.48 ng
RT: 9.347 min Scan# 67
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:163 Resp: 901564

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.2	12.4

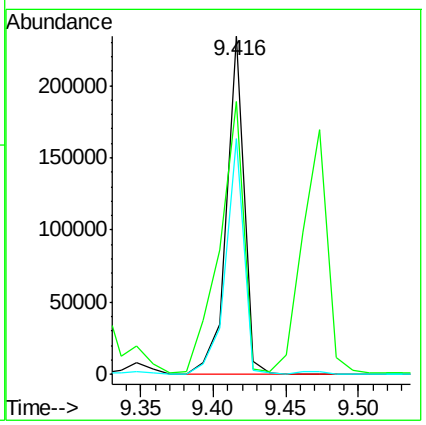


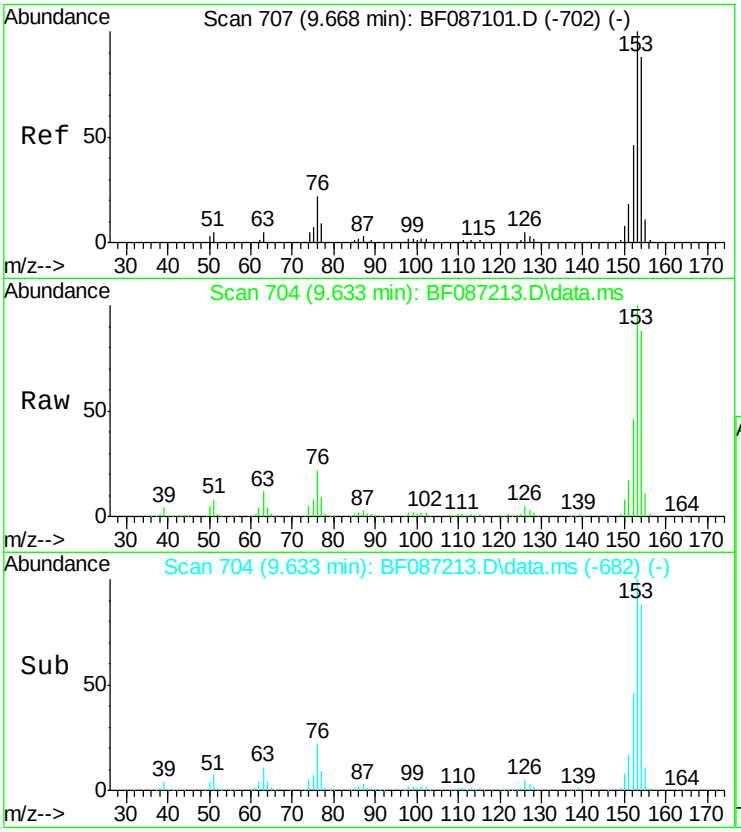


#50
2,6-Dinitrotoluene
Concen: 49.81 ng
RT: 9.416 min Scan# 685
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:165 Resp: 197086

Ion	Ratio	Lower	Upper
165	100		
63	80.7	51.8	77.8#
89	69.7	50.7	76.1



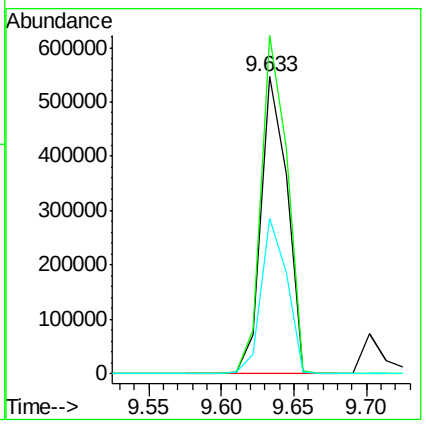


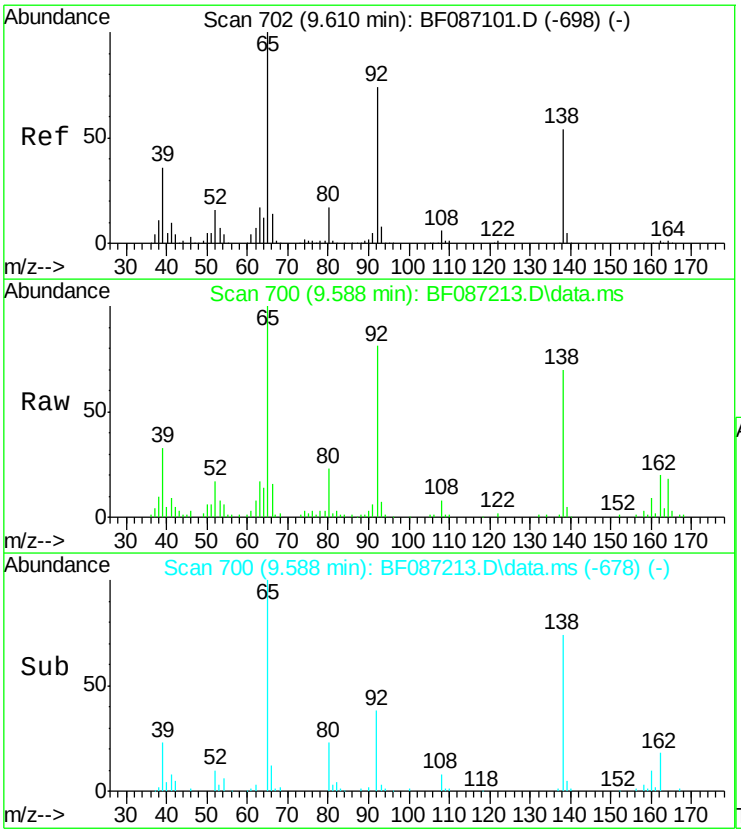
#51
Acenaphthene
Concen: 46.98 ng
RT: 9.633 min Scan# 70
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:154 Resp: 681501

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.6
152	52.2	43.4	65.0

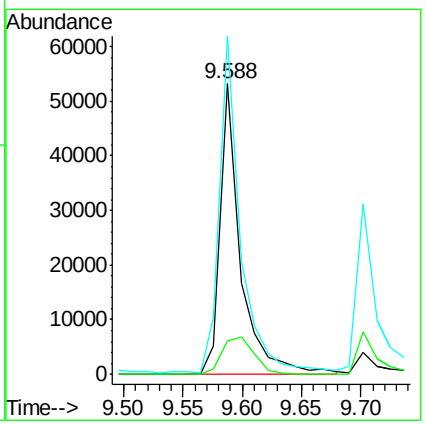


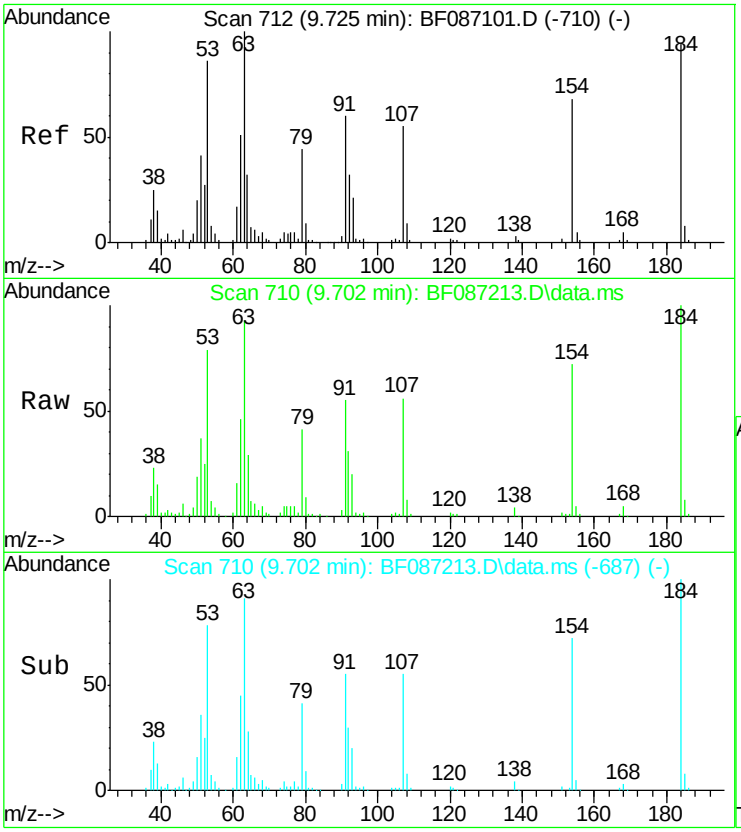


#52
3-Nitroaniline
Concen: 14.66 ng
RT: 9.588 min Scan# 700
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:138 Resp: 62771

Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.8	11.6
92	116.4	87.8	131.8



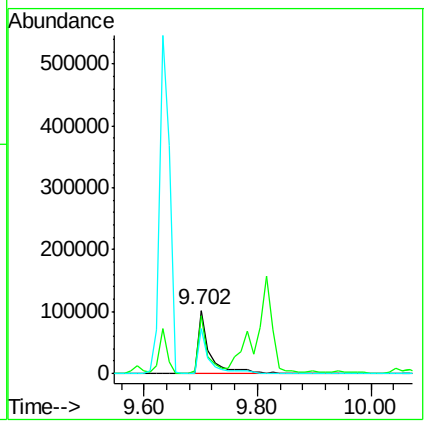


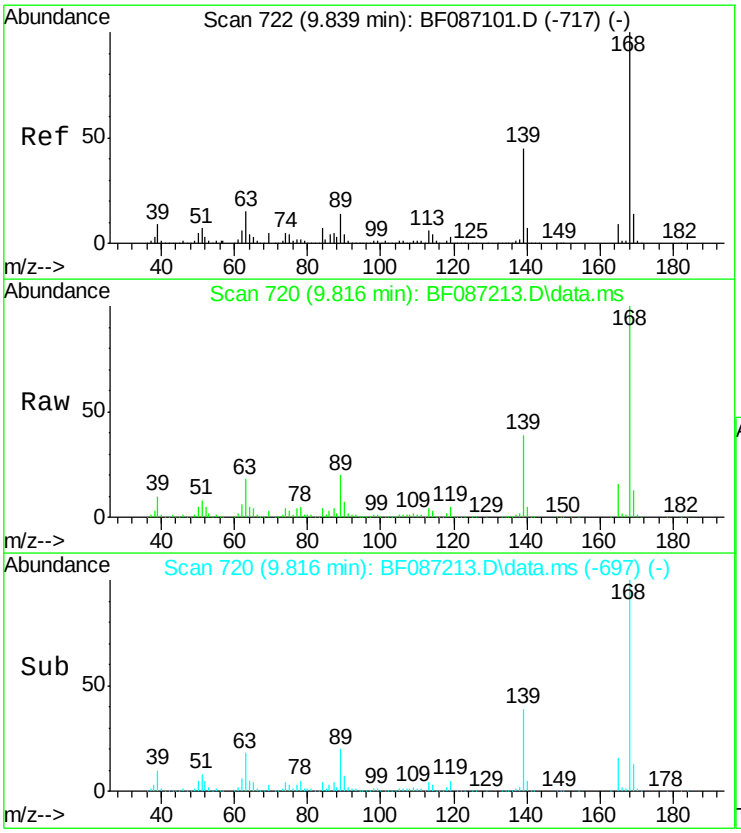
#53
2,4-Dinitrophenol
Concen: 63.35 ng
RT: 9.702 min Scan# 71
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:184 Resp: 141245

Ion	Ratio	Lower	Upper
184	100		
63	92.8	55.8	83.8#
154	71.6	62.4	93.6

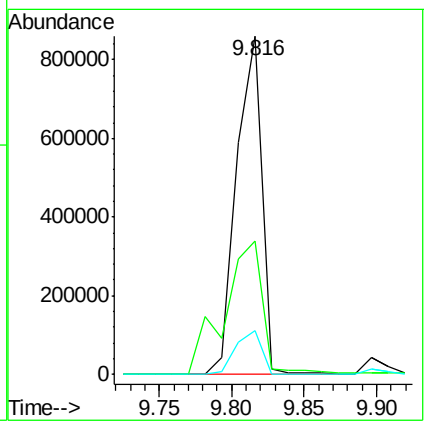


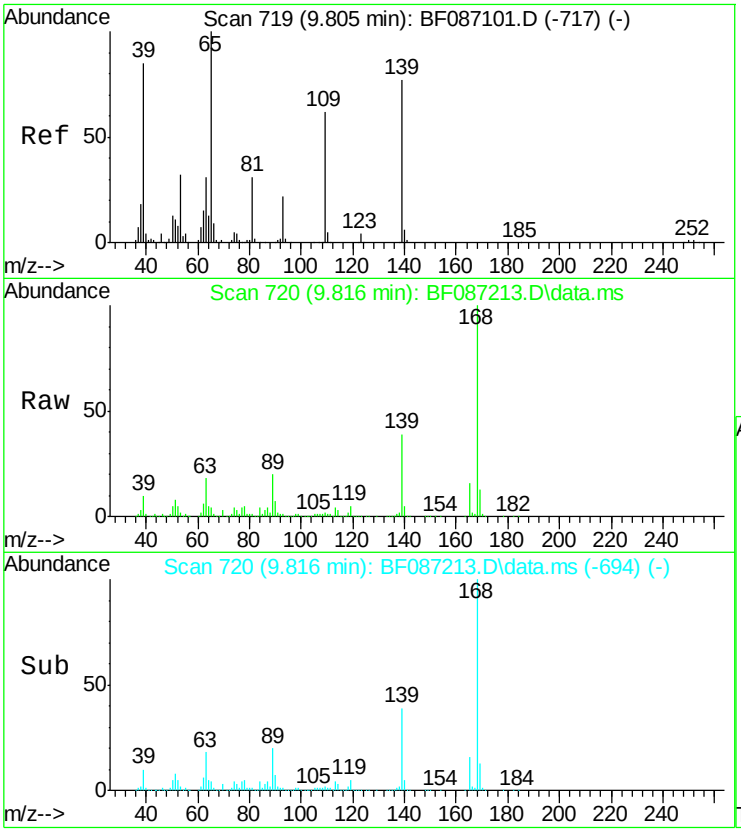


#54
Dibenzofuran
Concen: 55.24 ng
RT: 9.816 min Scan# 720
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:168 Resp: 1036201

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.4	47.0
169	13.1	10.7	16.1



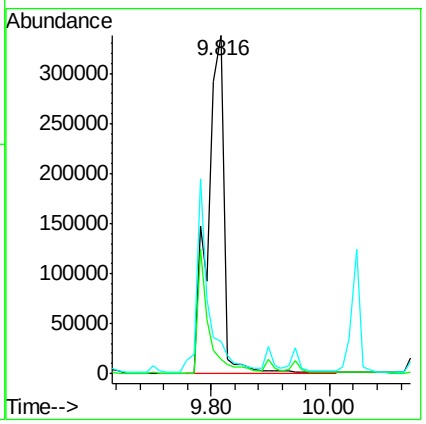


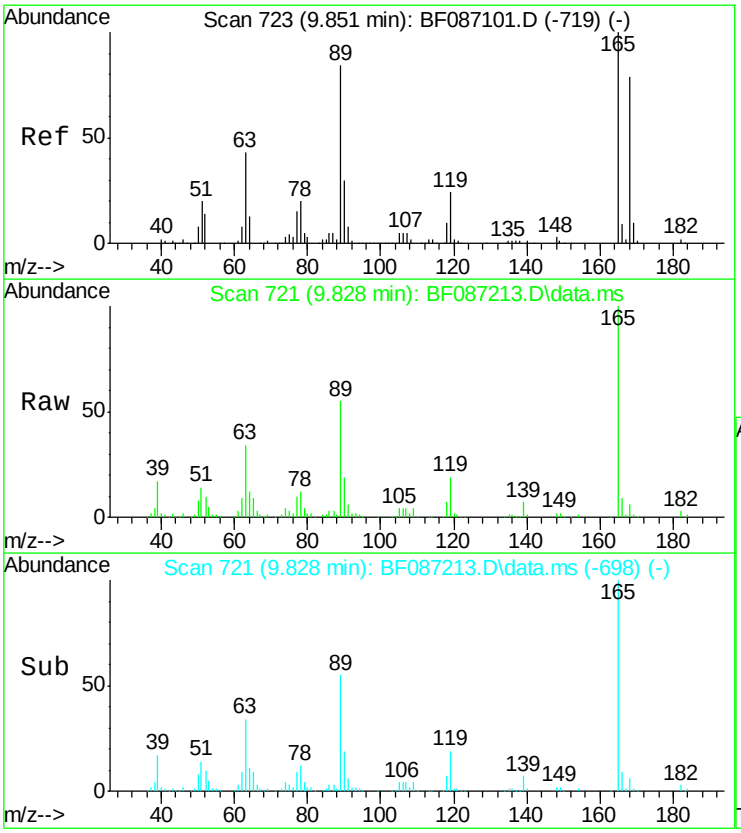
#55
4-Nitrophenol
Concen: 136.09 ng
RT: 9.816 min Scan# 72
Delta R.T. 0.000 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:139 Resp: 644027

Ion	Ratio	Lower	Upper
139	100		
109	4.2	36.9	76.9#
65	9.5	64.0	104.0#

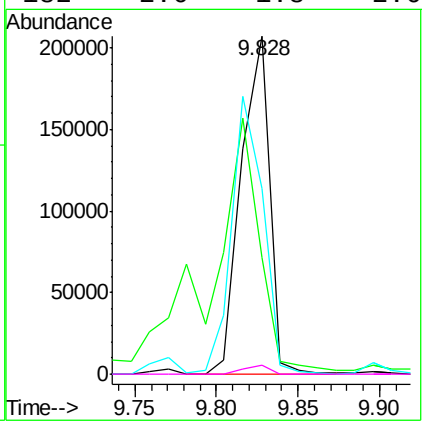


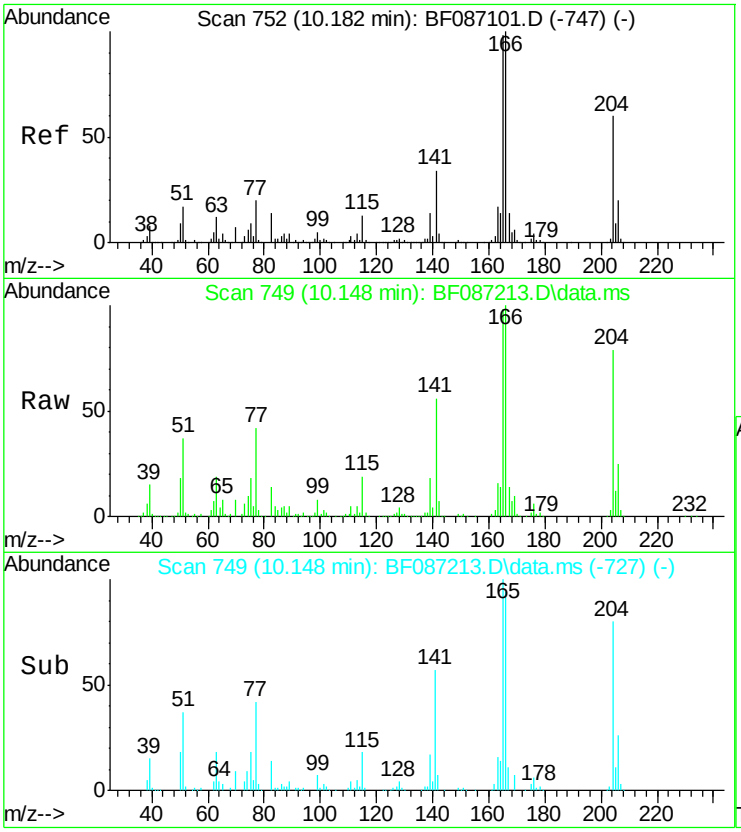


#56
2,4-Dinitrotoluene
Concen: 49.44 ng
RT: 9.828 min Scan# 721
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:165 Resp: 250524

Ion	Ratio	Lower	Upper
165	100		
63	34.4	44.3	66.5#
89	54.8	70.0	105.0#
182	2.6	1.8	2.6



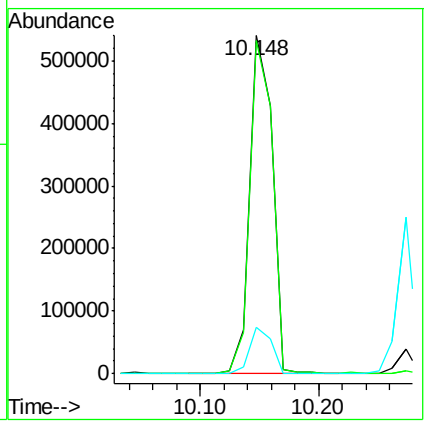


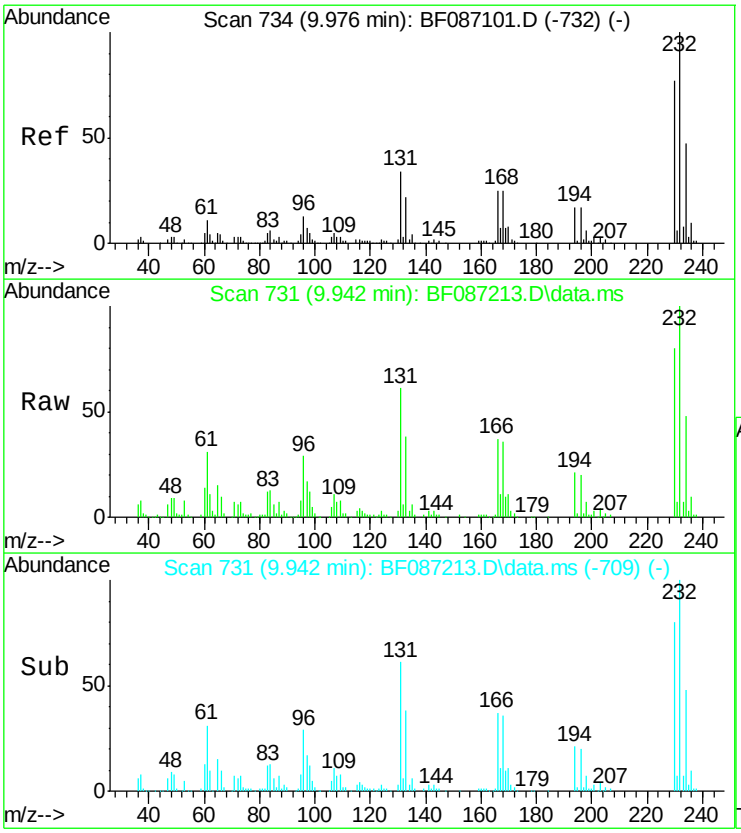
#57
Fluorene
Concen: 47.76 ng
RT: 10.148 min Scan# 74
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:166 Resp: 719704

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	13.8	10.6	15.8

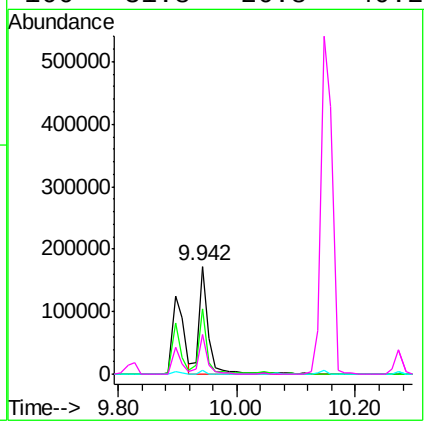


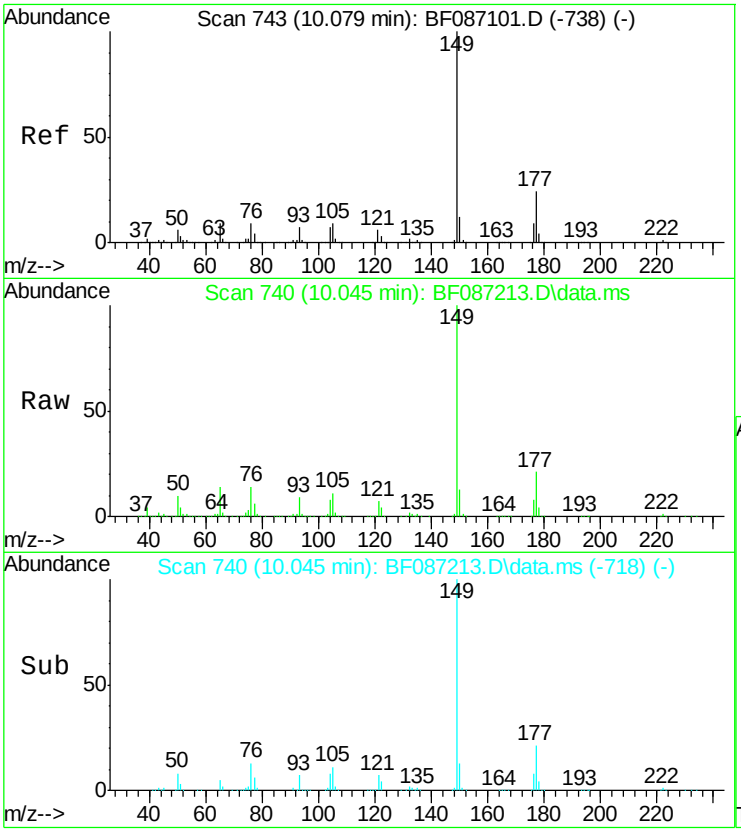


#58
2,3,4,6-Tetrachlorophenol
Concen: 53.35 ng
RT: 9.942 min Scan# 731
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:232 Resp: 195294

Ion	Ratio	Lower	Upper
232	100		
131	53.6	41.9	62.9
130	2.7	2.2	3.4
166	31.8	26.8	40.2



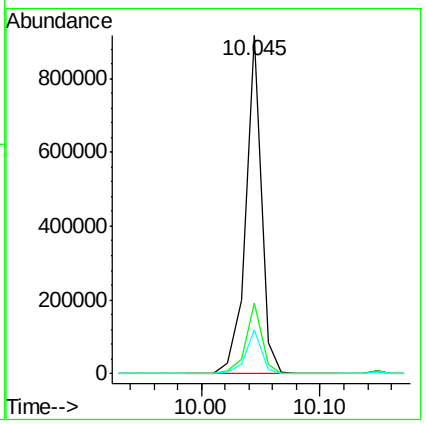


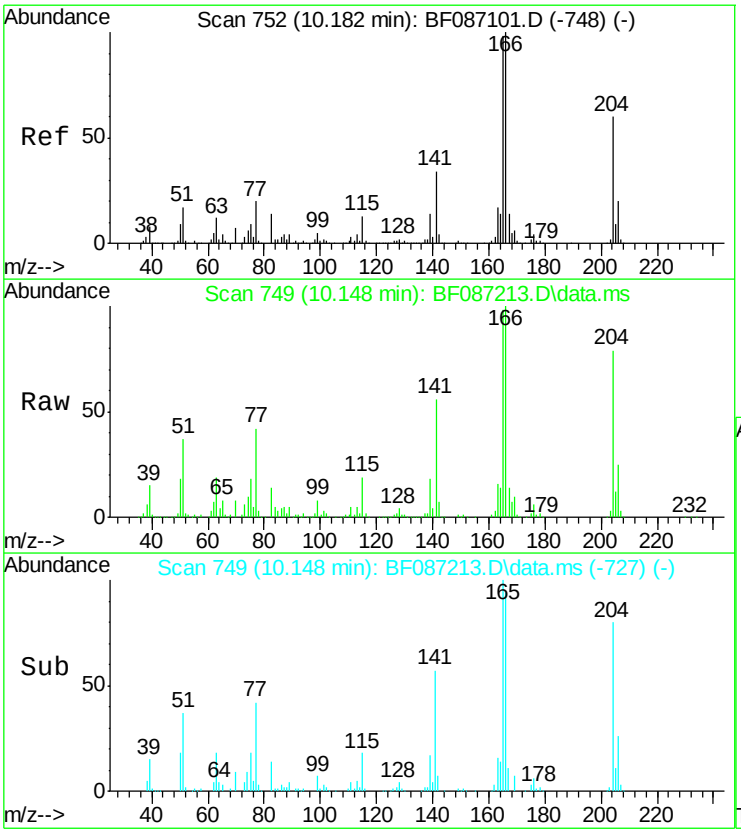
#59
Diethylphthalate
Concen: 48.58 ng
RT: 10.045 min Scan# 74
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:149 Resp: 845092

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.6	24.8
150	12.9	10.0	15.0

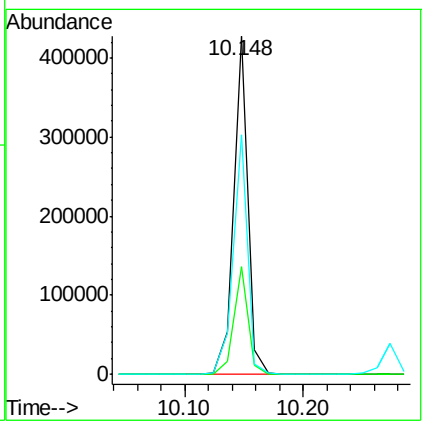


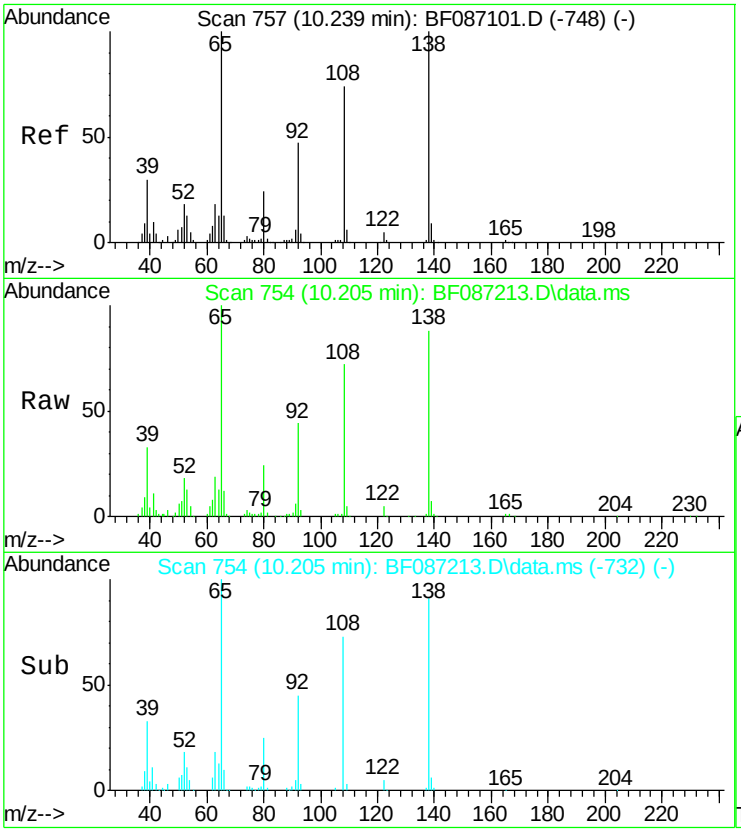


#60
4-Chlorophenyl-phenylether
Concen: 49.73 ng
RT: 10.148 min Scan# 749
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:204 Resp: 355273

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.4	38.0
141	70.9	61.6	92.4



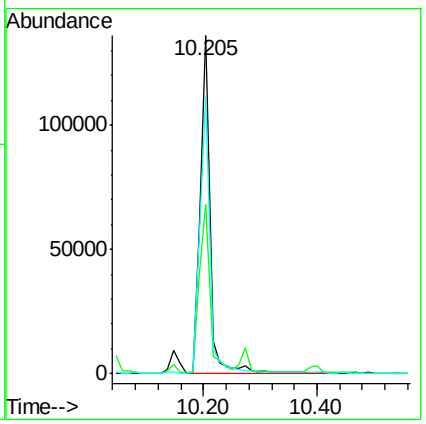


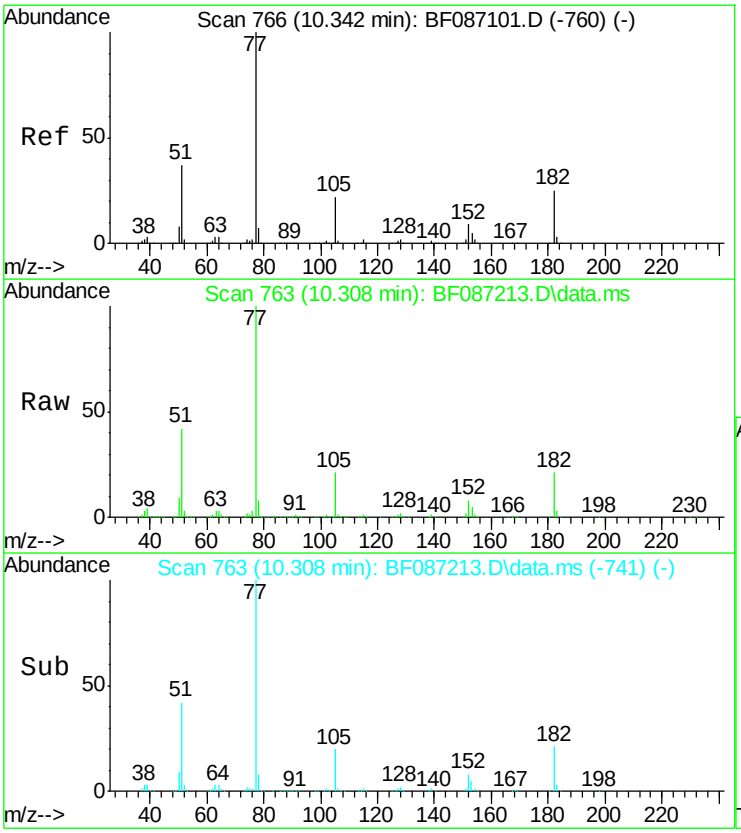
#61
4-Nitroaniline
Concen: 37.06 ng
RT: 10.205 min Scan# 75
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:138 Resp: 156716

Ion	Ratio	Lower	Upper
138	100		
92	50.2	24.7	64.7
108	81.6	37.4	77.4#

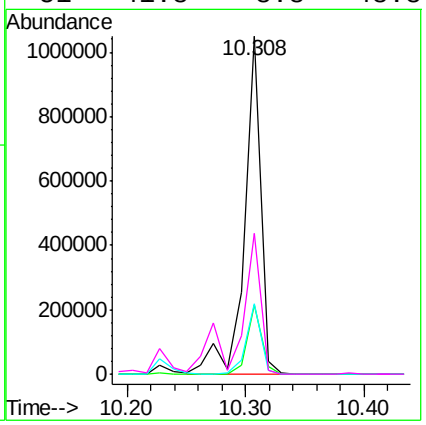


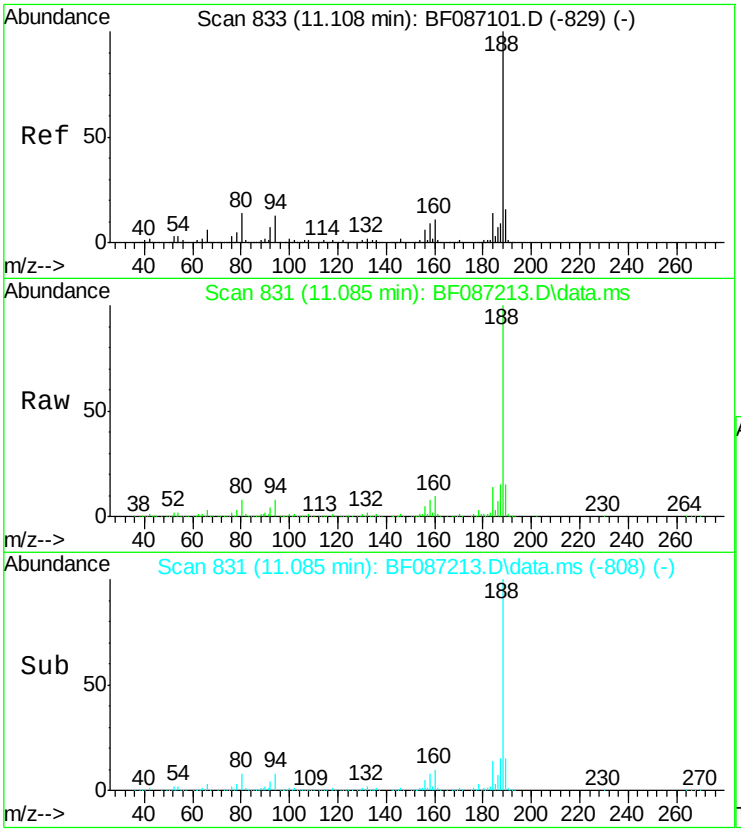


#62
Azobenzene
Concen: 50.68 ng
RT: 10.308 min Scan# 763
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion: 77 Resp: 1015942

Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.0	38.8
105	20.8	3.2	43.2
51	41.8	8.8	48.8



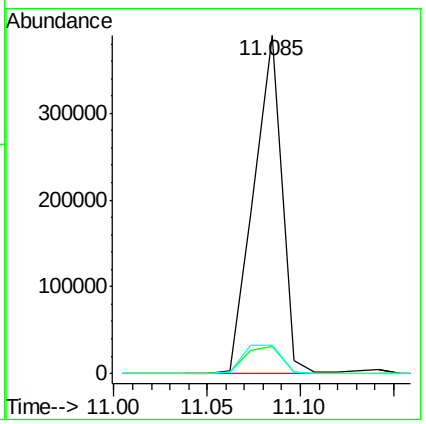


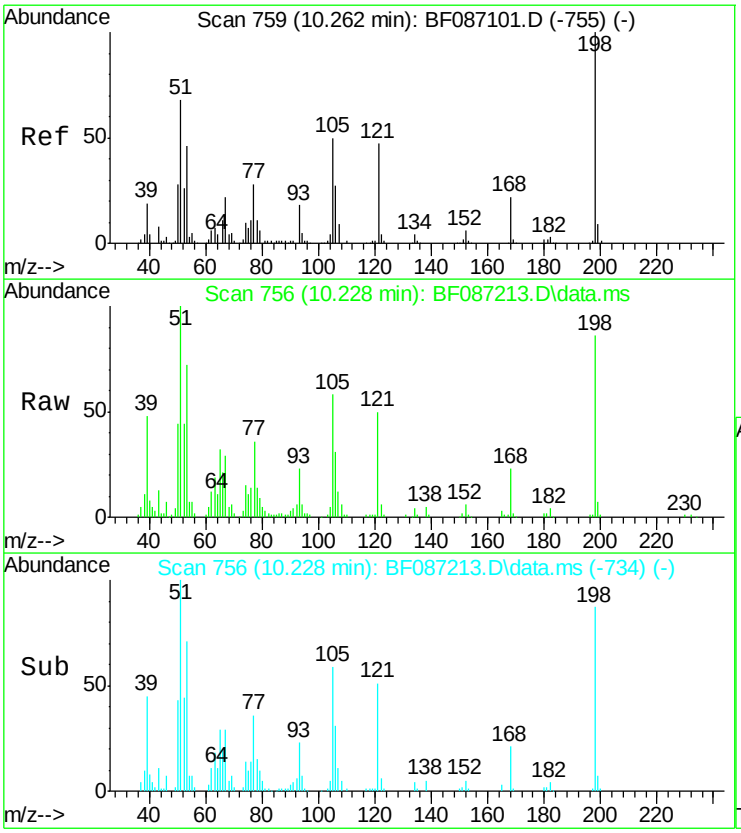
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.085 min Scan# 83
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:188 Resp: 407067

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.3	7.1	10.7

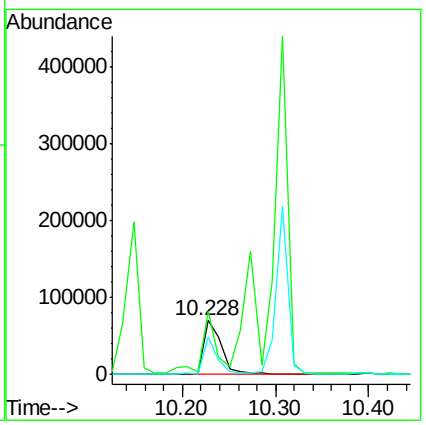


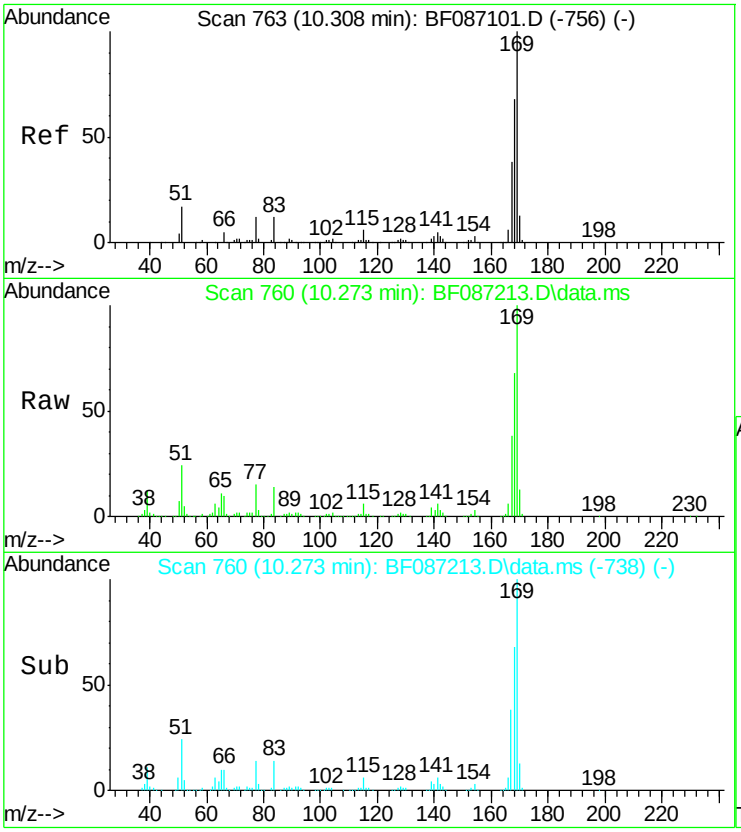


#64
4,6-Dinitro-2-methylphenol
Concen: 34.76 ng
RT: 10.228 min Scan# 756
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:198 Resp: 93185

Ion	Ratio	Lower	Upper
198	100		
51	116.5	20.5	60.5#
105	68.1	24.5	64.5#



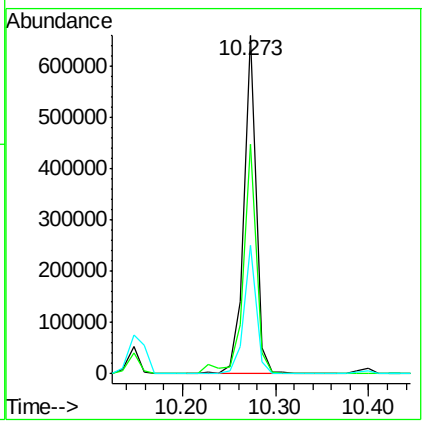


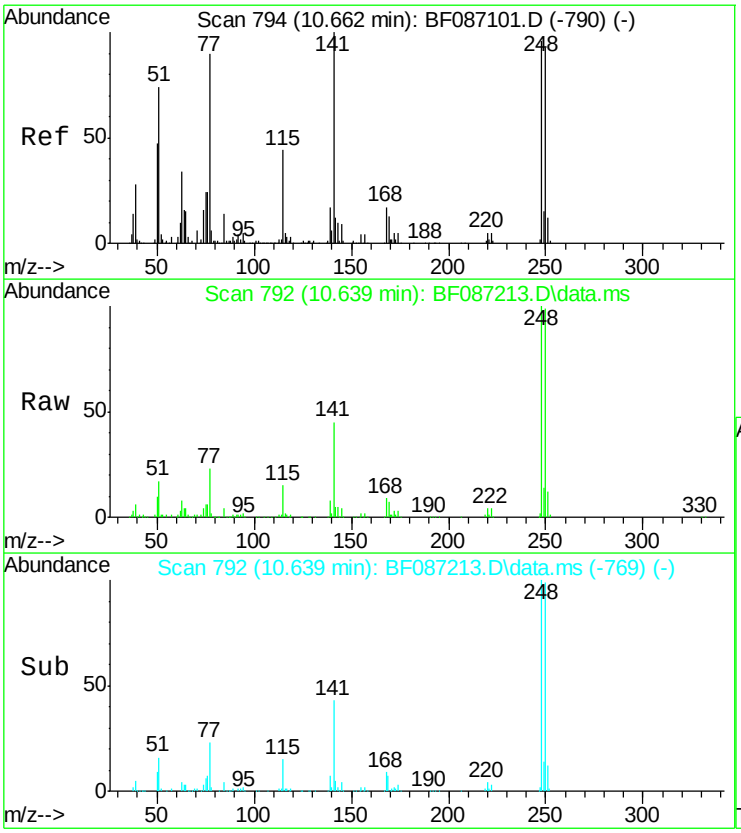
#65
n-Nitrosodiphenylamine
Concen: 46.98 ng
RT: 10.273 min Scan# 76
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:169 Resp: 601772

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.6
167	37.7	29.5	44.3

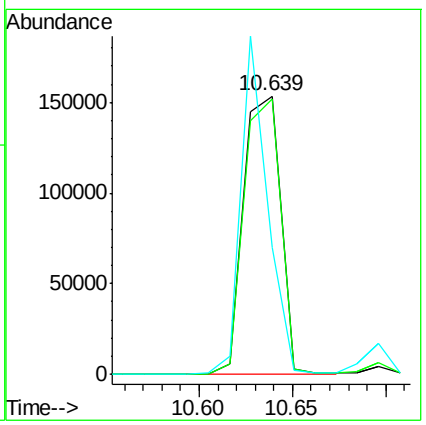


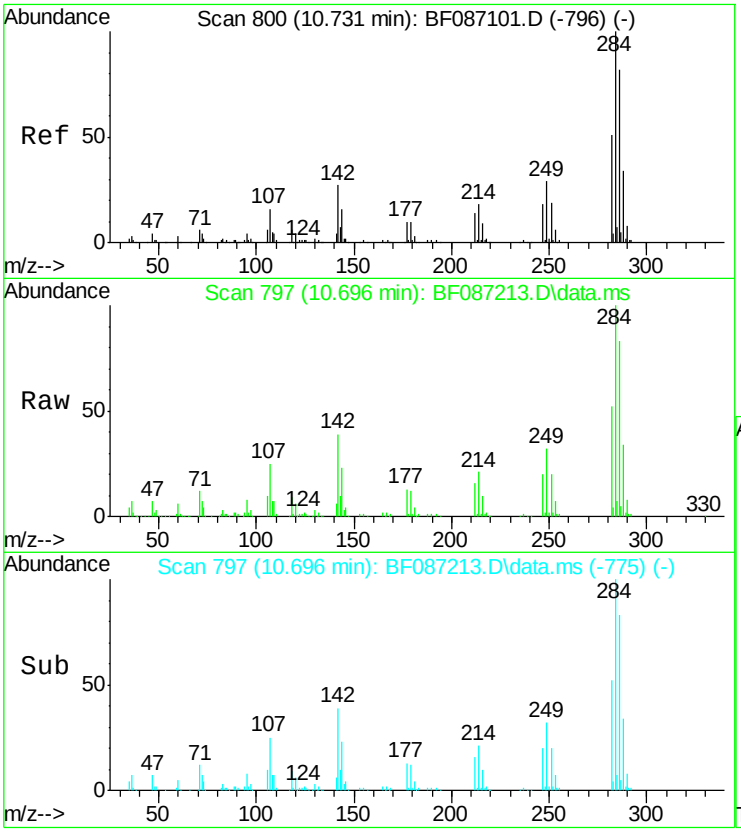


#66
4-Bromophenyl-phenylether
Concen: 50.53 ng
RT: 10.639 min Scan# 792
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:248 Resp: 211511

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.6	117.8
141	45.4	76.0	114.0#



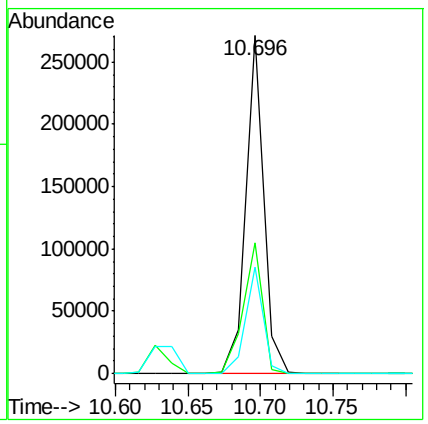


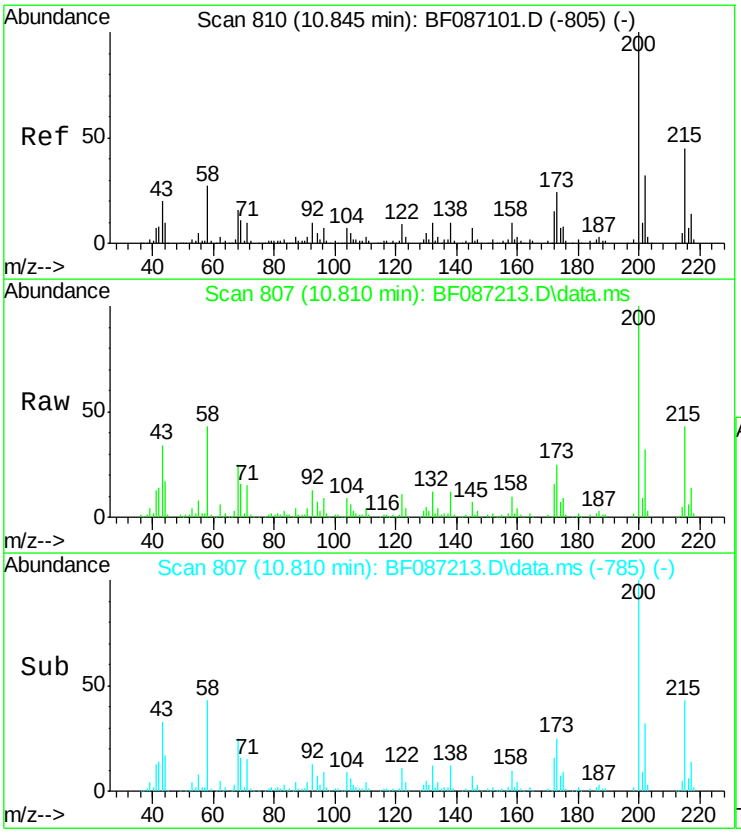
#67
Hexachlorobenzene
Concen: 47.86 ng
RT: 10.696 min Scan# 79
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:284 Resp: 232299

Ion	Ratio	Lower	Upper
284	100		
142	38.5	16.7	25.1#
249	31.6	21.3	31.9

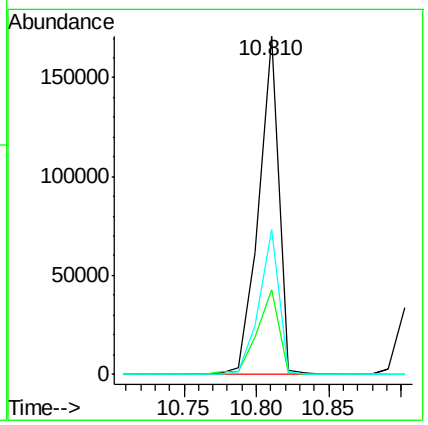


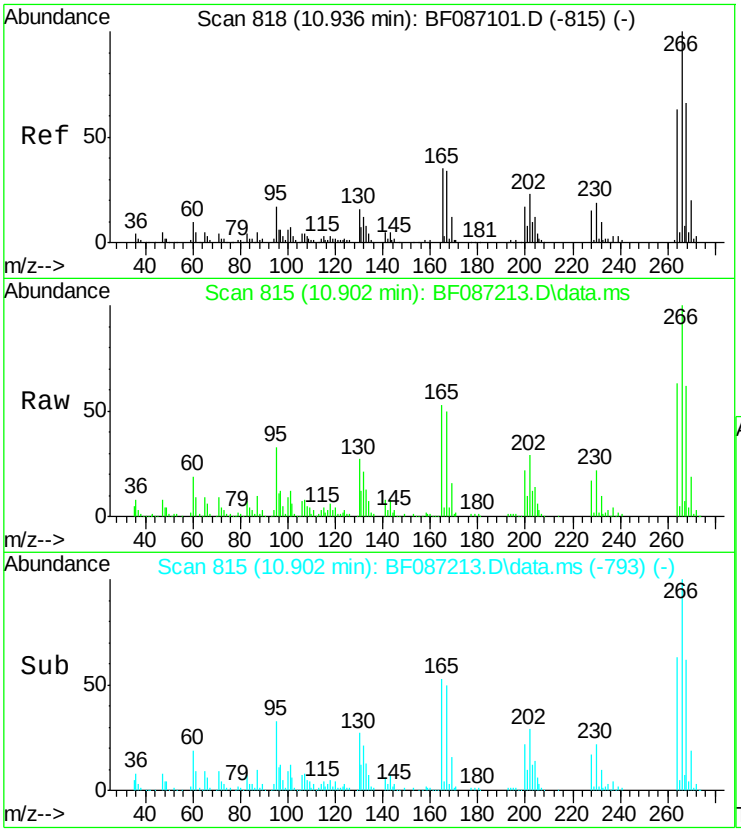


#68
Atrazine
Concen: 39.26 ng
RT: 10.810 min Scan# 807
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:200 Resp: 164077

Ion	Ratio	Lower	Upper
200	100		
173	25.1	8.5	48.5
215	42.7	27.2	67.2



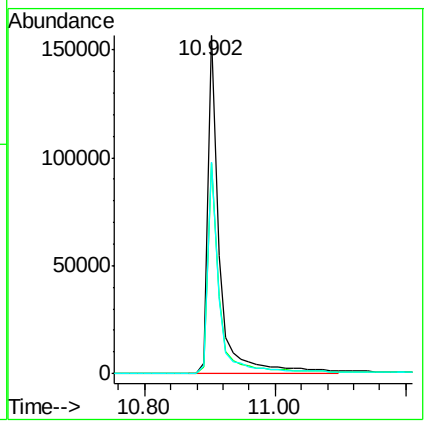


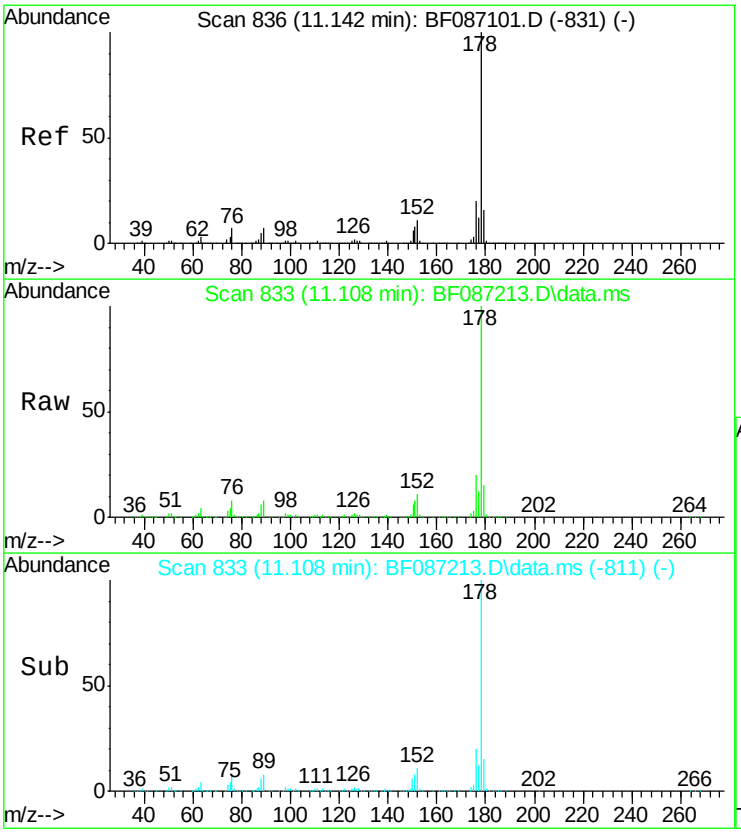
#69
Pentachlorophenol
Concen: 106.36 ng
RT: 10.902 min Scan# 81
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:266 Resp: 193910

Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.5	77.3
264	62.6	52.9	79.3

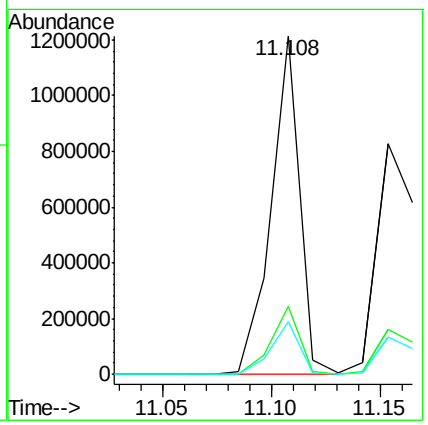


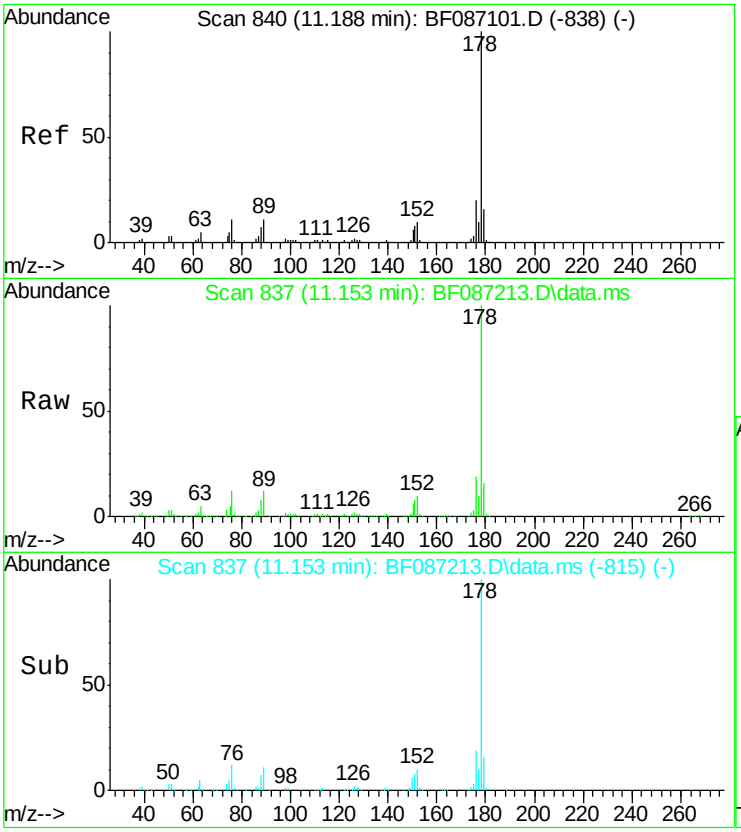


#70
Phenanthrene
Concen: 50.49 ng
RT: 11.108 min Scan# 833
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:178 Resp: 1114817

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.5	12.6	18.8



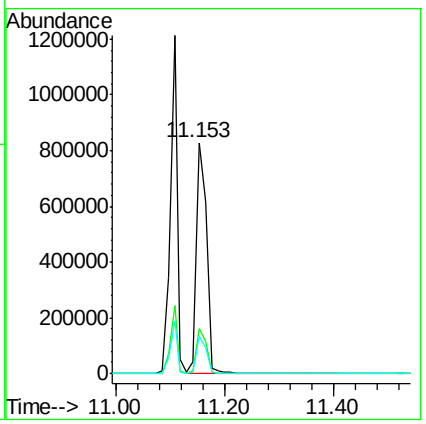


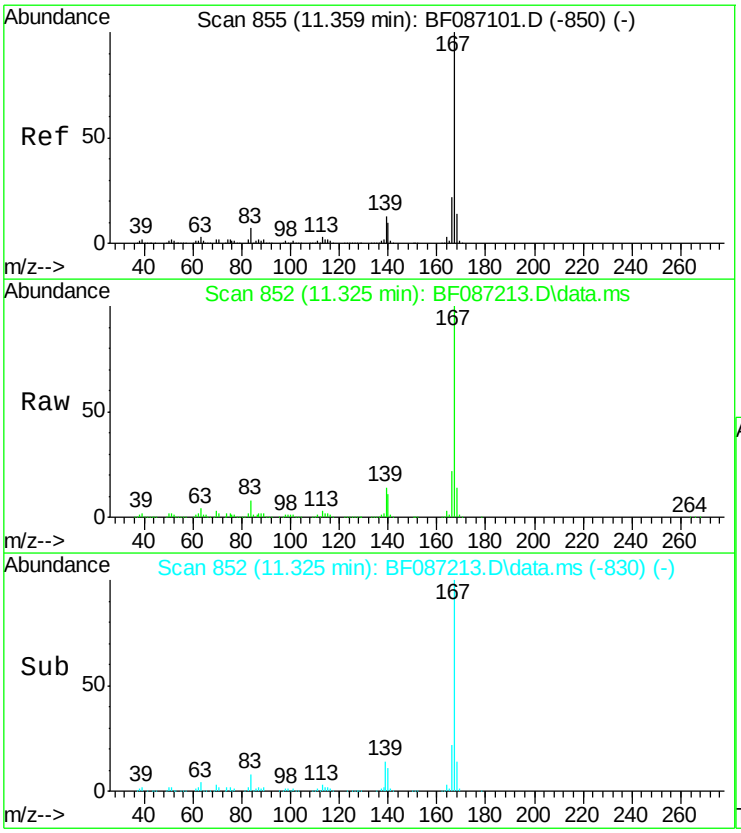
#71
Anthracene
Concen: 47.07 ng
RT: 11.153 min Scan# 83
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:178 Resp: 1051108

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.0	12.7	19.1

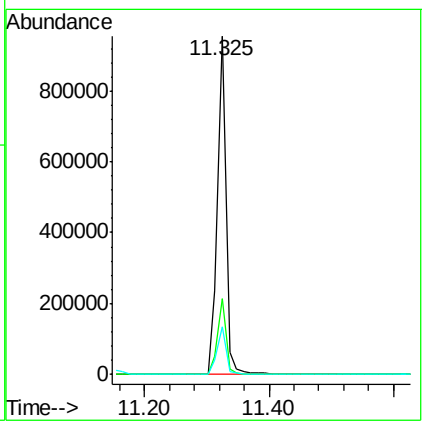


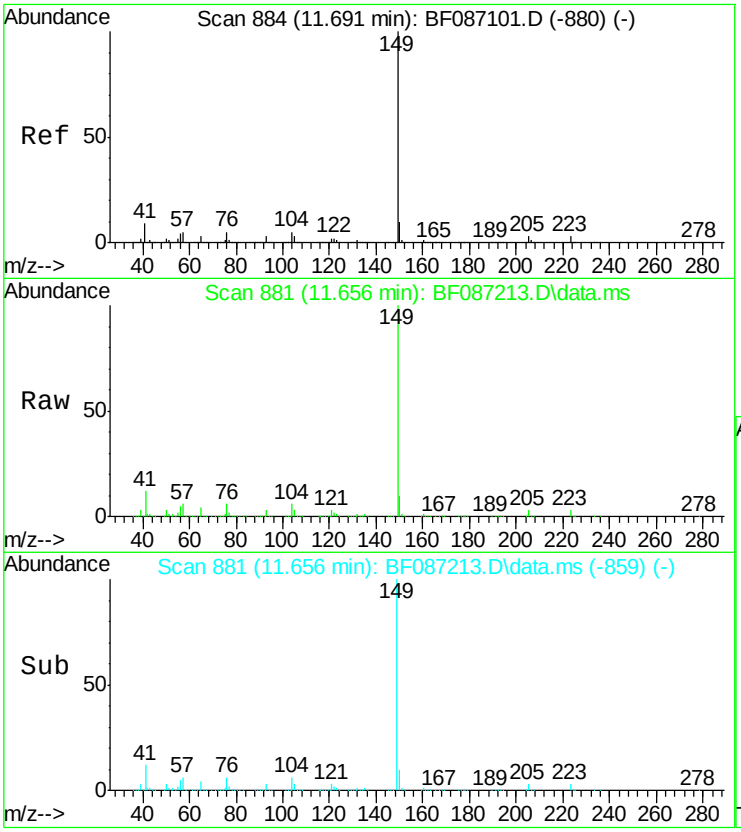


#72
Carbazole
Concen: 43.52 ng
RT: 11.325 min Scan# 852
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:167 Resp: 887658

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.9	10.8	16.2



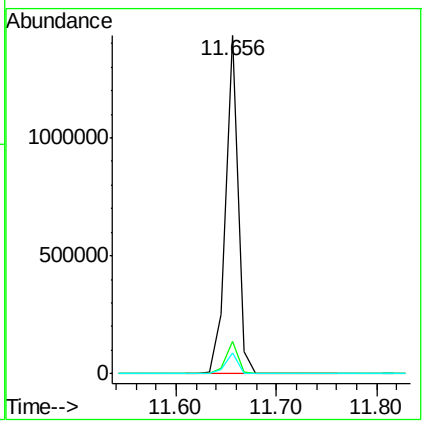


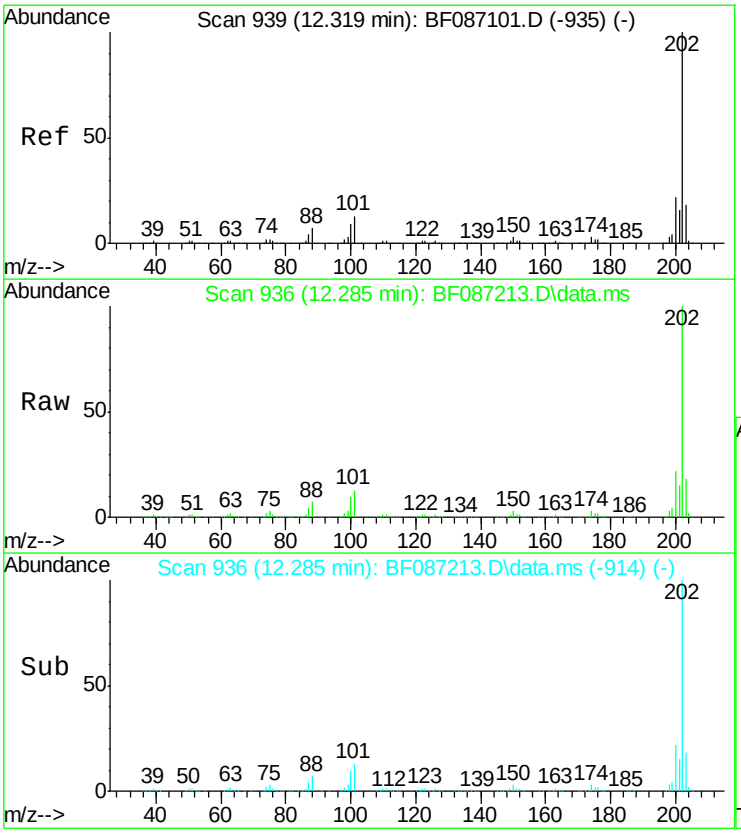
#73
Di-n-butylphthalate
Concen: 52.58 ng
RT: 11.656 min Scan# 88
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:149 Resp: 1232074

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.9	3.8	5.6#

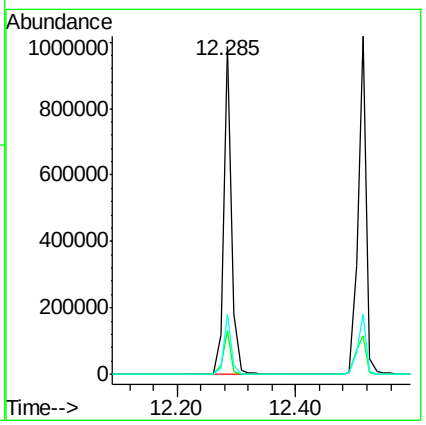


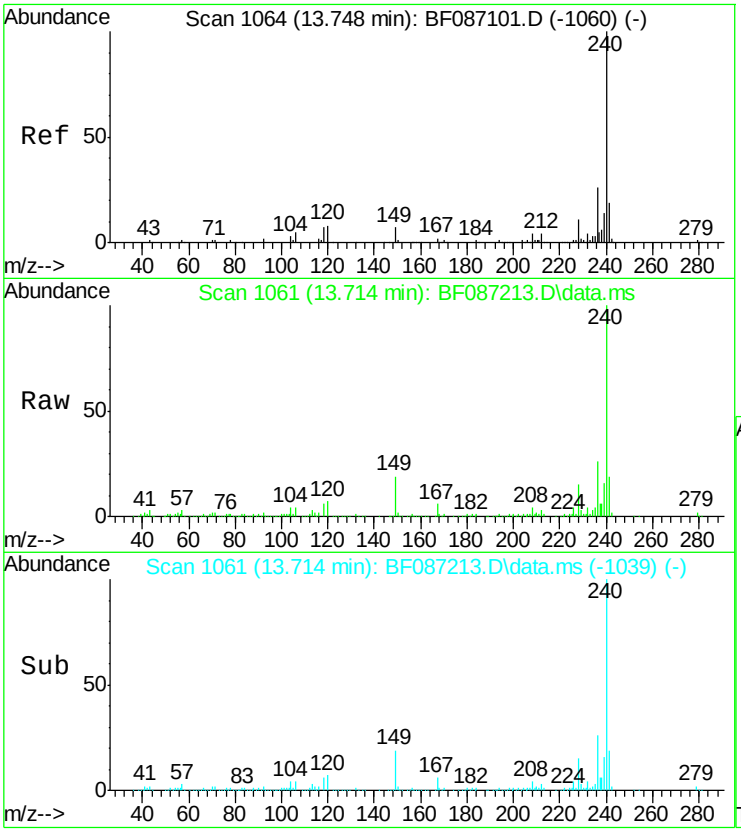


#74
Fluoranthene
Concen: 40.90 ng
RT: 12.285 min Scan# 936
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:202 Resp: 904738

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	35.4
203	18.2	0.0	38.1



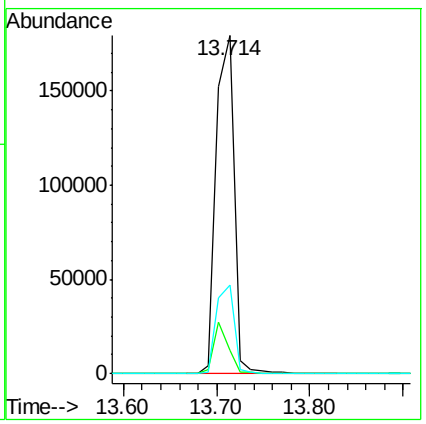


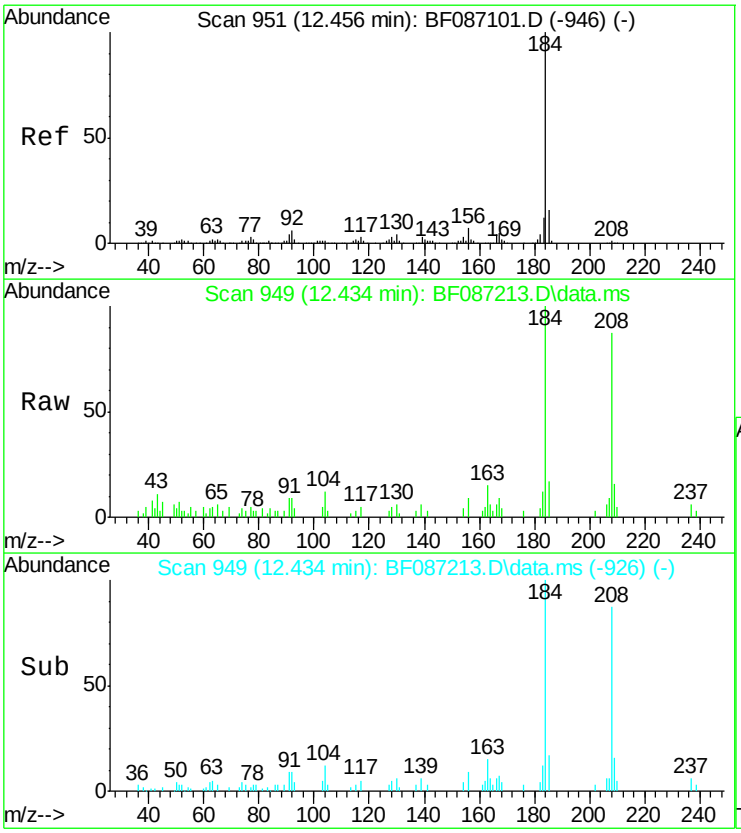
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.714 min Scan# 10
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:240 Resp: 238908

Ion	Ratio	Lower	Upper
240	100		
120	6.9	11.2	16.8#
236	26.2	21.2	31.8

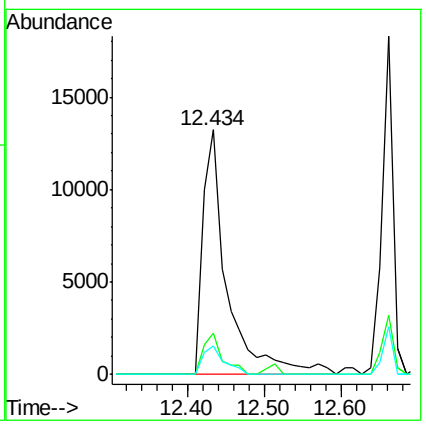


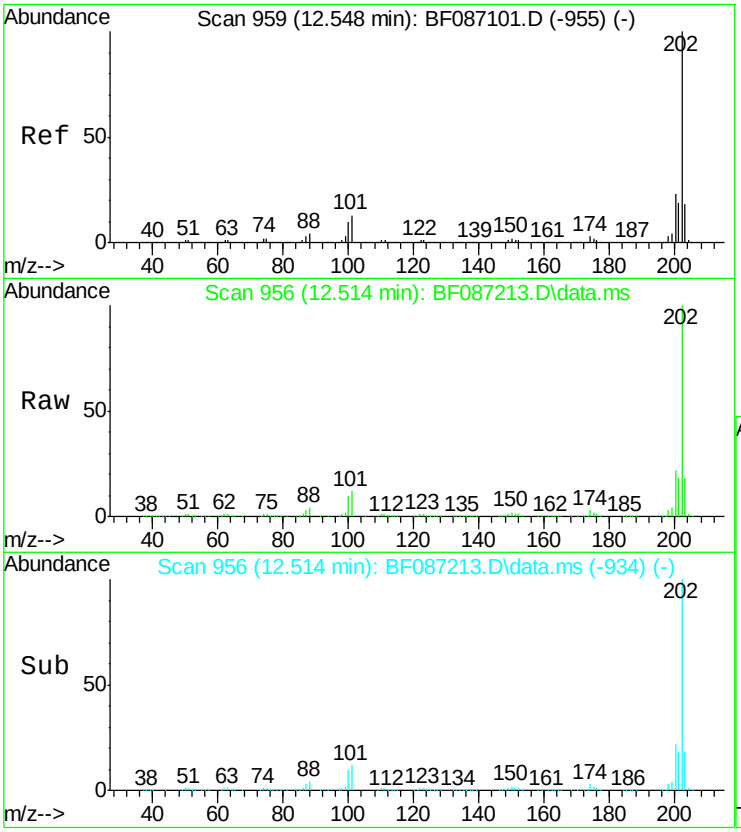


#76
Benzidine
Concen: 4.11 ng
RT: 12.434 min Scan# 949
Delta R.T. -0.034 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:184 Resp: 28507

Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.6	20.4
183	11.6	9.8	14.6



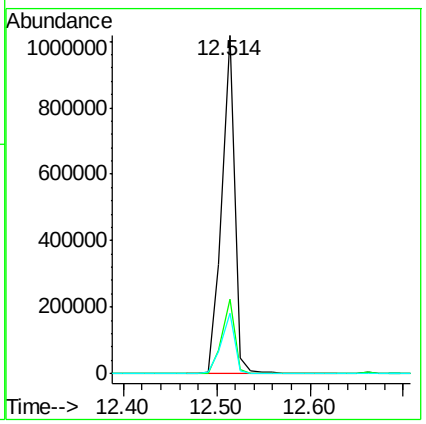


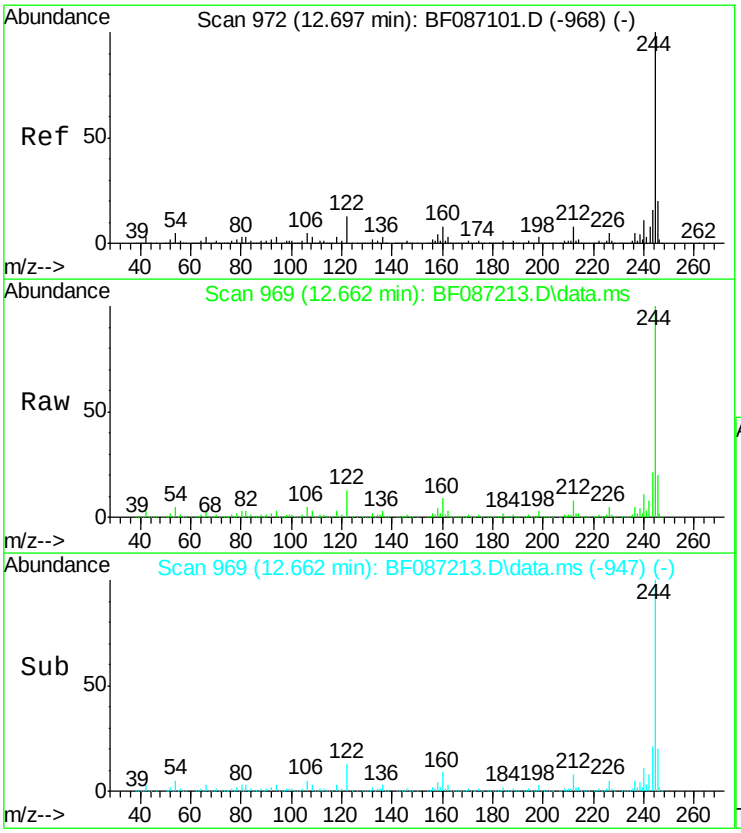
#77
Pyrene
Concen: 56.16 ng
RT: 12.514 min Scan# 95
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:202 Resp: 969270

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.8	14.2	21.4

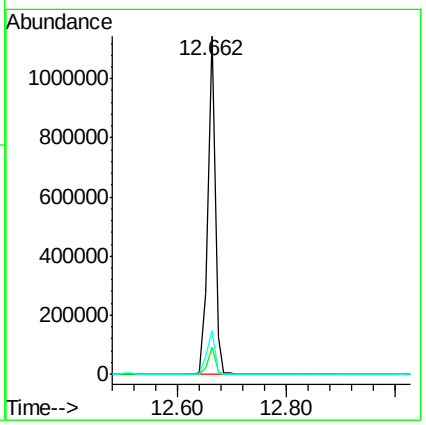


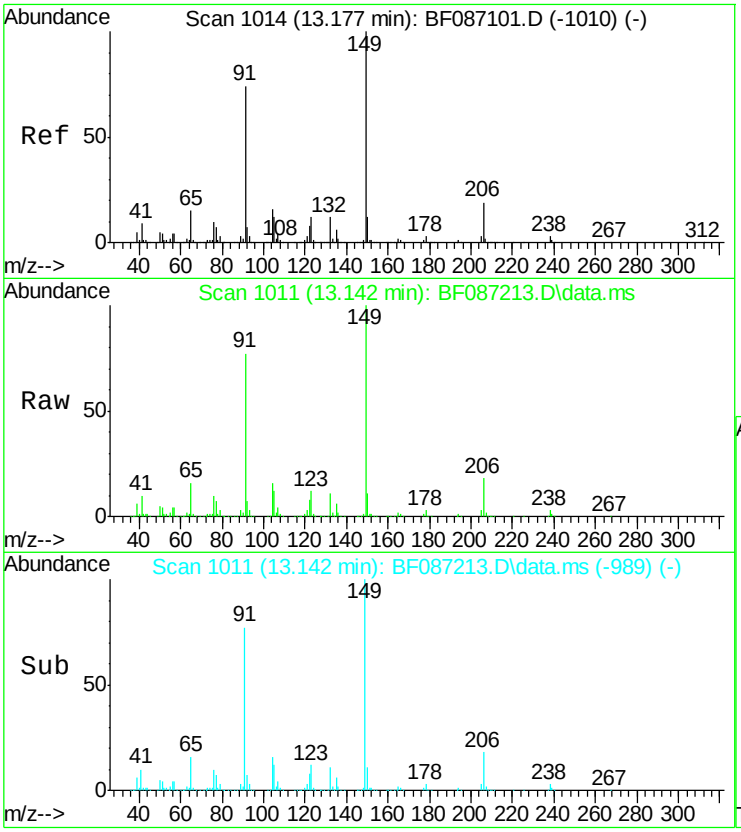


#78
Terphenyl-d14
Concen: 50.99 ng
RT: 12.662 min Scan# 969
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:244 Resp: 1077044

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.9	12.0	18.0



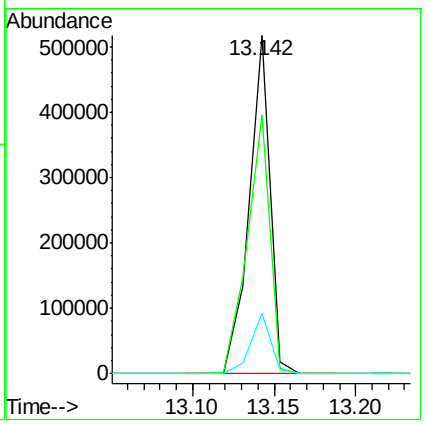


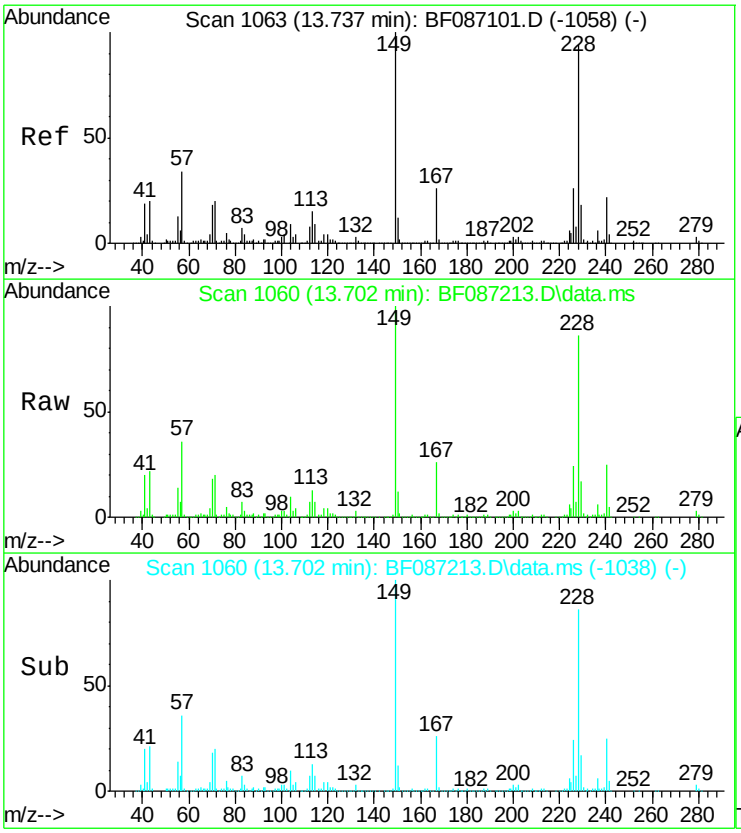
#79
Butylbenzylphthalate
Concen: 63.44 ng
RT: 13.142 min Scan# 10
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:149 Resp: 462246

Ion	Ratio	Lower	Upper
149	100		
91	76.7	48.0	72.0#
206	17.9	15.8	23.6

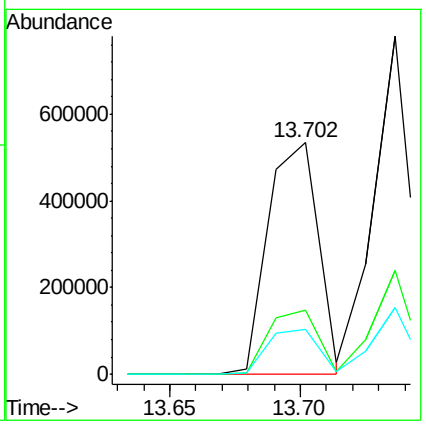


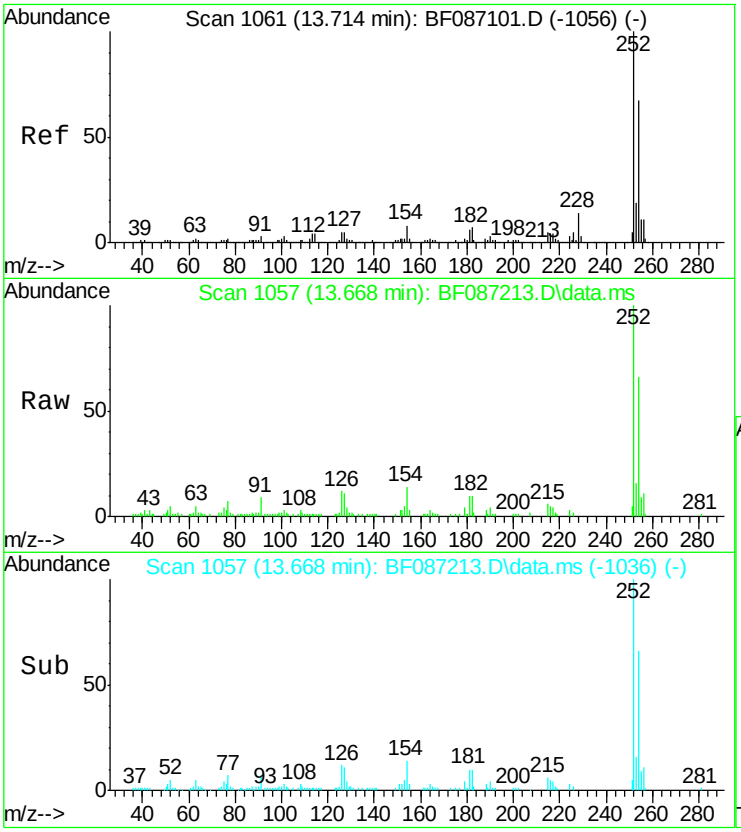


#80
Benzo(a)anthracene
Concen: 51.86 ng
RT: 13.702 min Scan# 1060
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:228 Resp: 716393

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.5	16.6	25.0



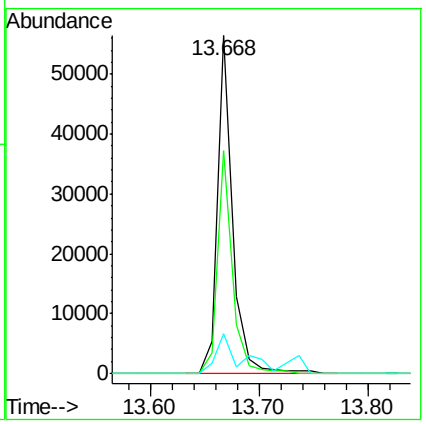


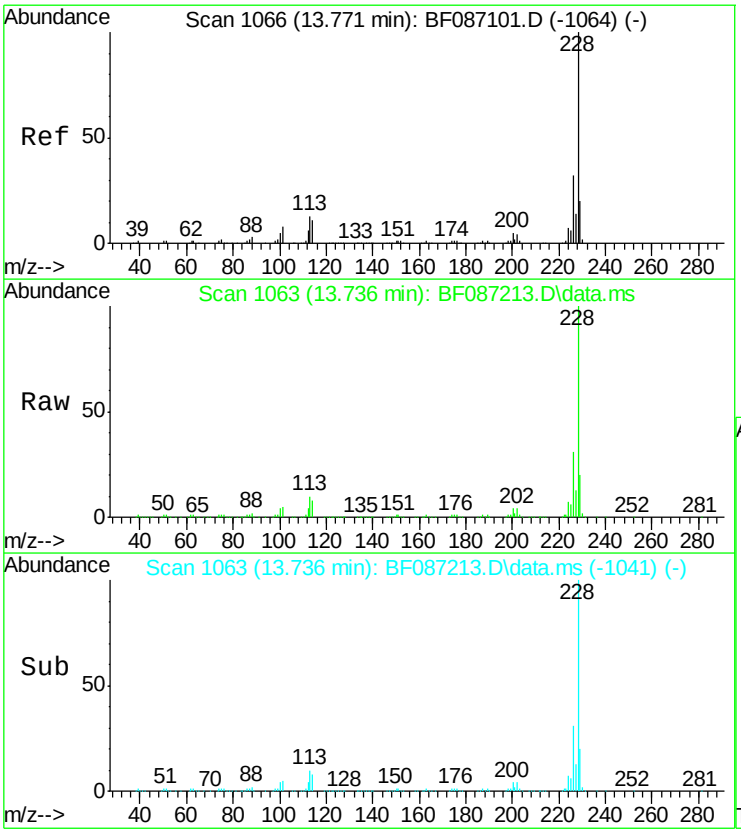
#81
3,3'-Dichlorobenzidine
Concen: 6.24 ng
RT: 13.668 min Scan# 10
Delta R.T. -0.057 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:252 Resp: 54859

Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.7	76.1
126	11.7	12.7	19.1#

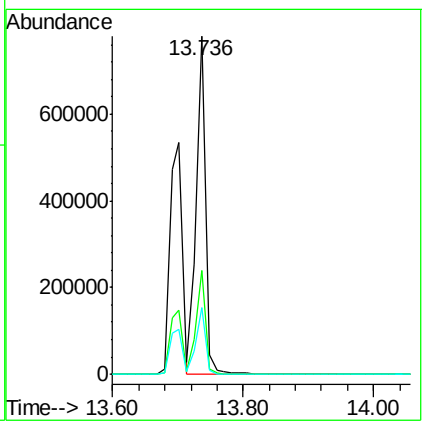


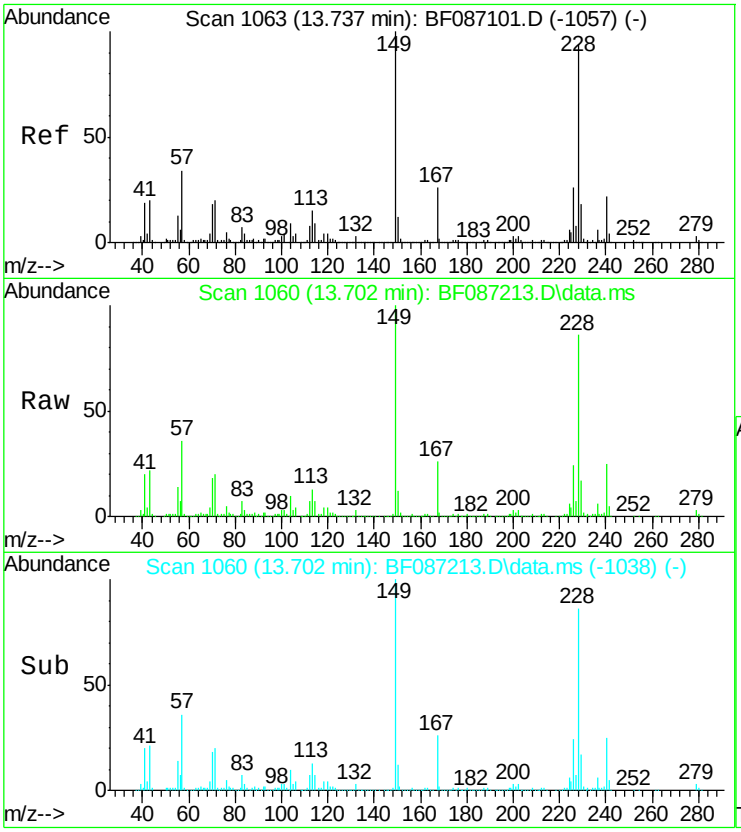


#82
Chrysene
Concen: 56.83 ng
RT: 13.736 min Scan# 1063
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:228 Resp: 759572

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.8	15.8	23.8



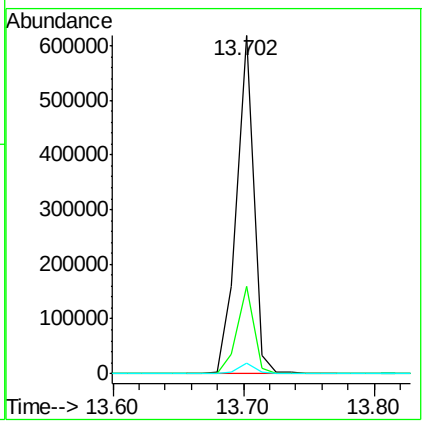


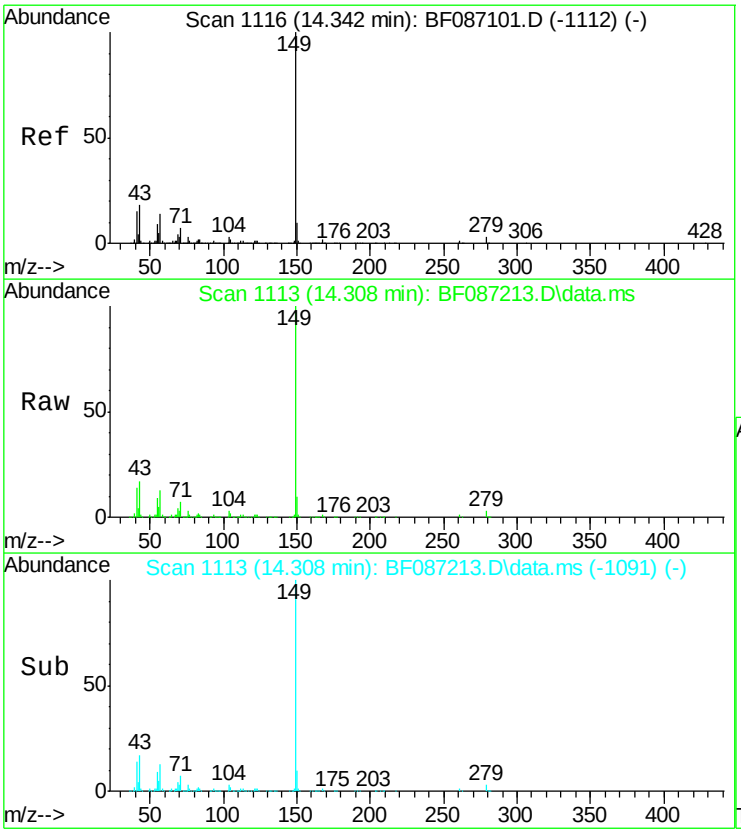
#83
Bis(2-ethylhexyl)phthalate
Concen: 63.53 ng
RT: 13.702 min Scan# 10
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:149 Resp: 563373

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.8	32.6
279	3.1	2.6	4.0

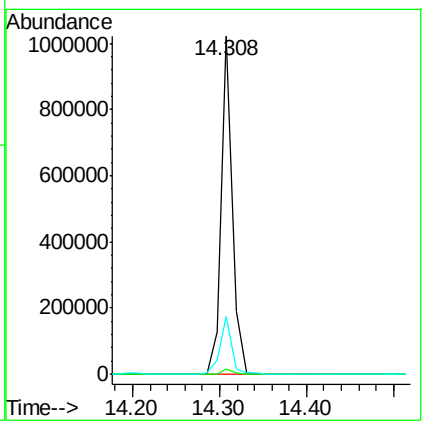


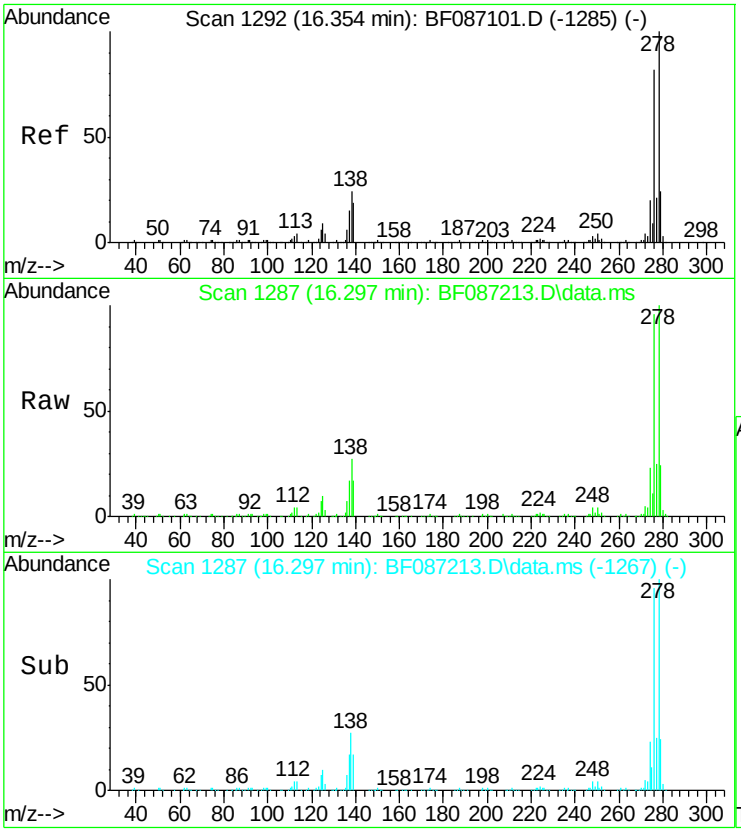


#84
Di-n-octyl phthalate
Concen: 60.73 ng
RT: 14.308 min Scan# 1113
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:149 Resp: 927620

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	17.0	8.2	12.4#



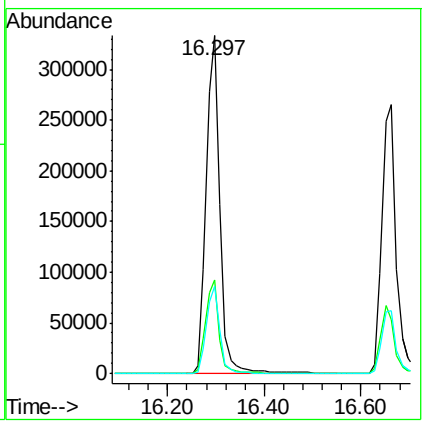


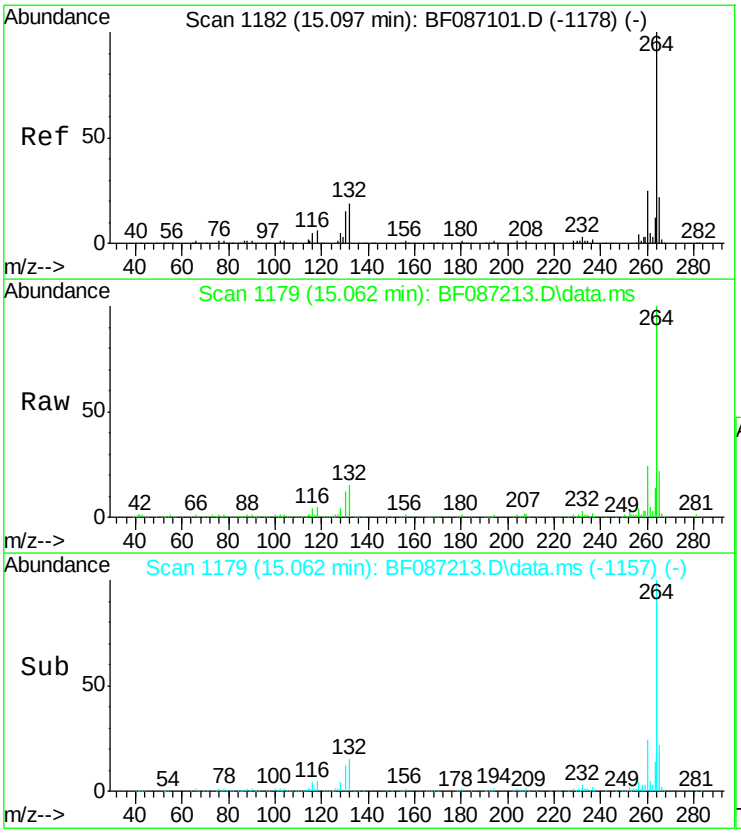
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.07 ng
RT: 16.297 min Scan# 12
Delta R.T. -0.069 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:276 Resp: 669462

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7

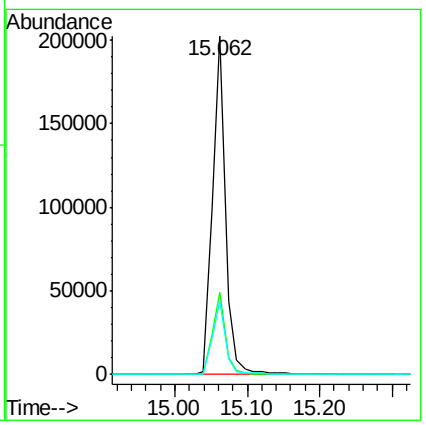


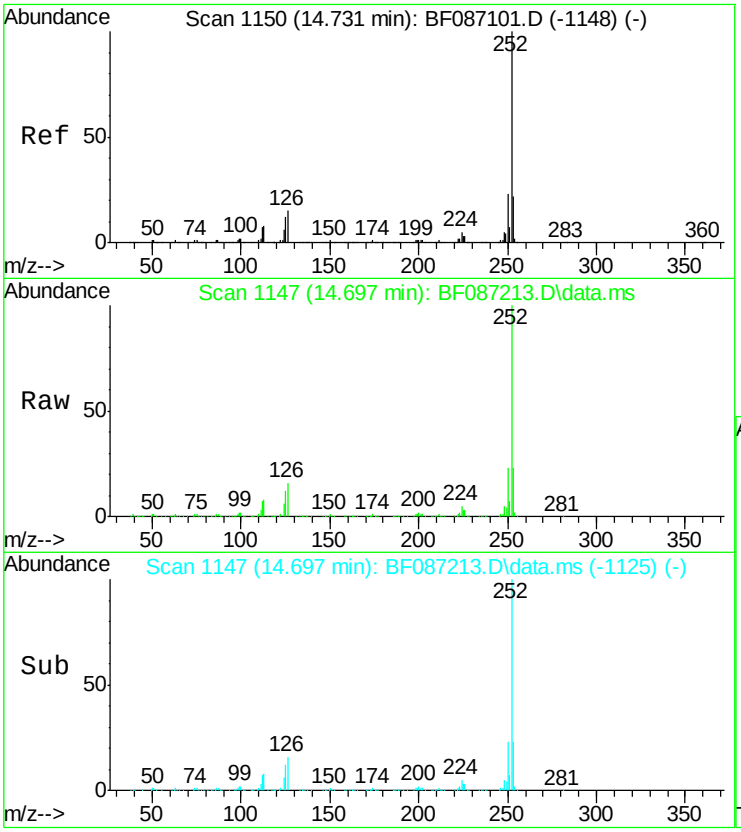


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.062 min Scan# 1179
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:264 Resp: 250052

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9



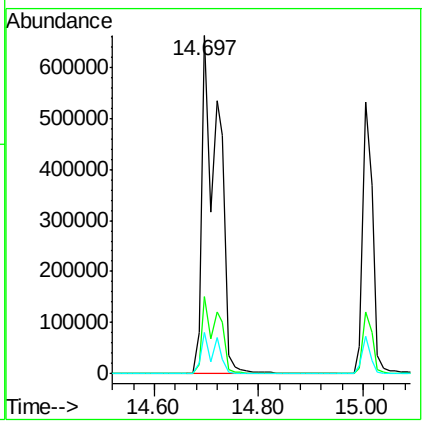


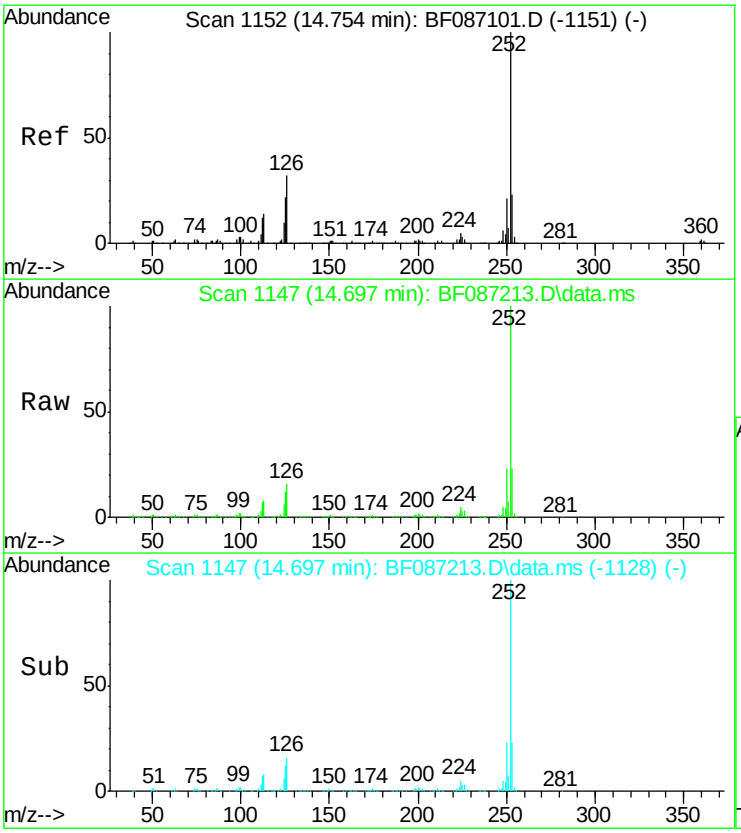
#87
Benzo(b)fluoranthene
Concen: 88.61 ng
RT: 14.697 min Scan# 11
Delta R.T. -0.046 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:252 Resp: 1469926

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.0	11.4	17.0

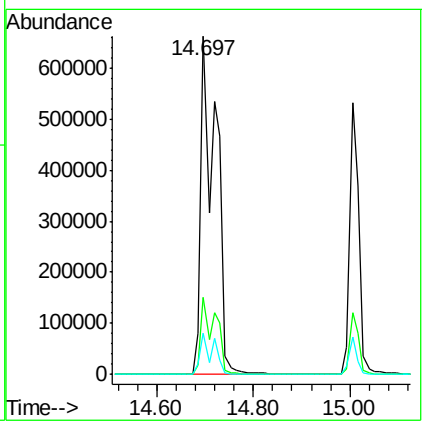


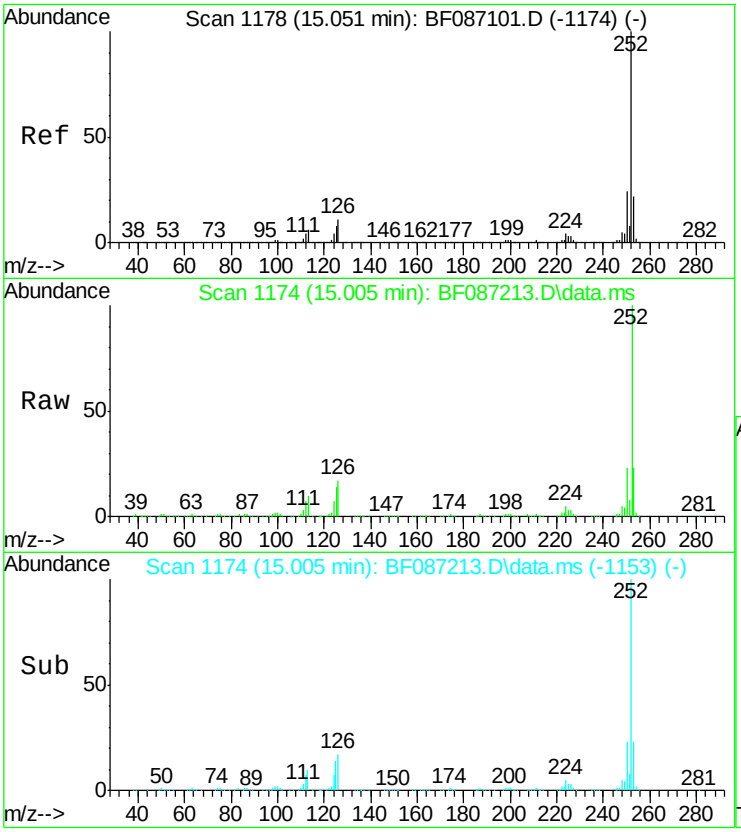


#88
Benzo(k)fluoranthene
Concen: 119.09 ng
RT: 14.697 min Scan# 1147
Delta R.T. -0.080 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:252 Resp: 1470720

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.0	9.1	13.7



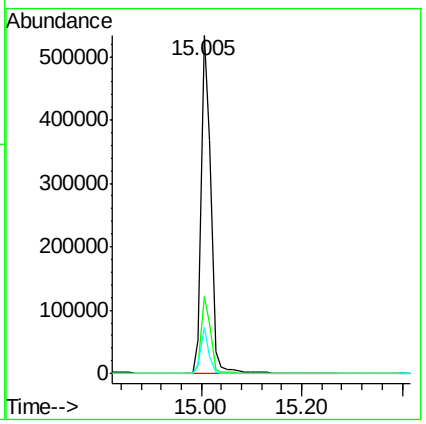


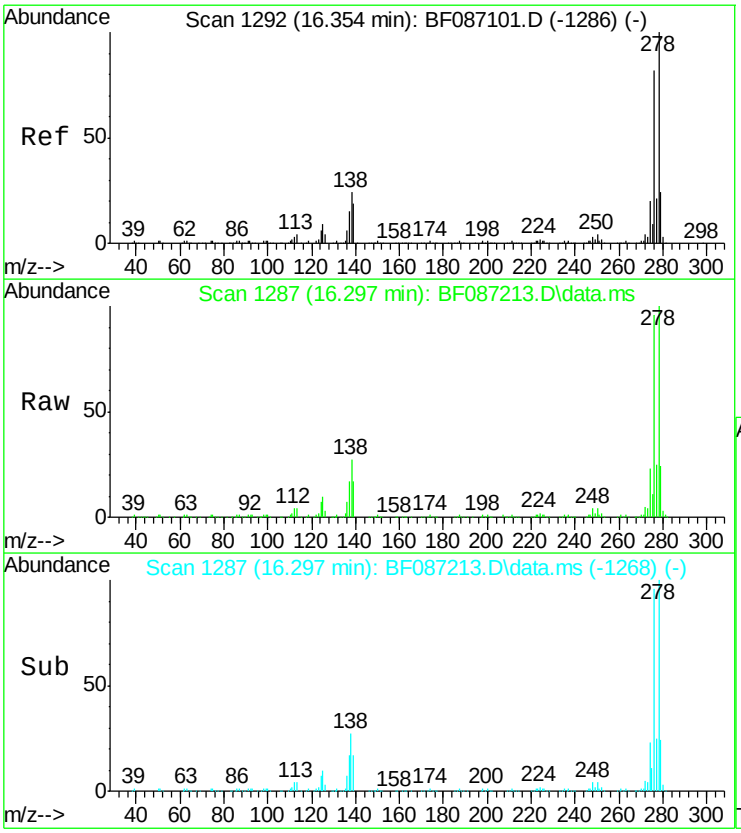
#89
Benzo(a)pyrene
Concen: 50.46 ng
RT: 15.005 min Scan# 11
Delta R.T. -0.057 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:252 Resp: 699651

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.5	9.0	13.6

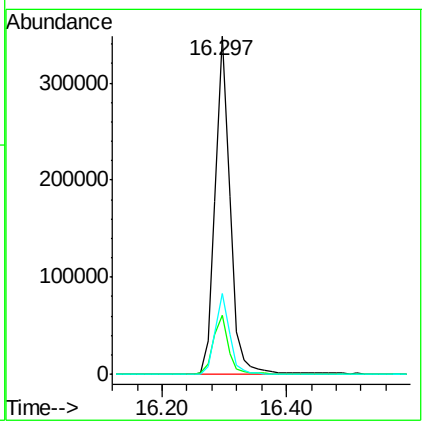


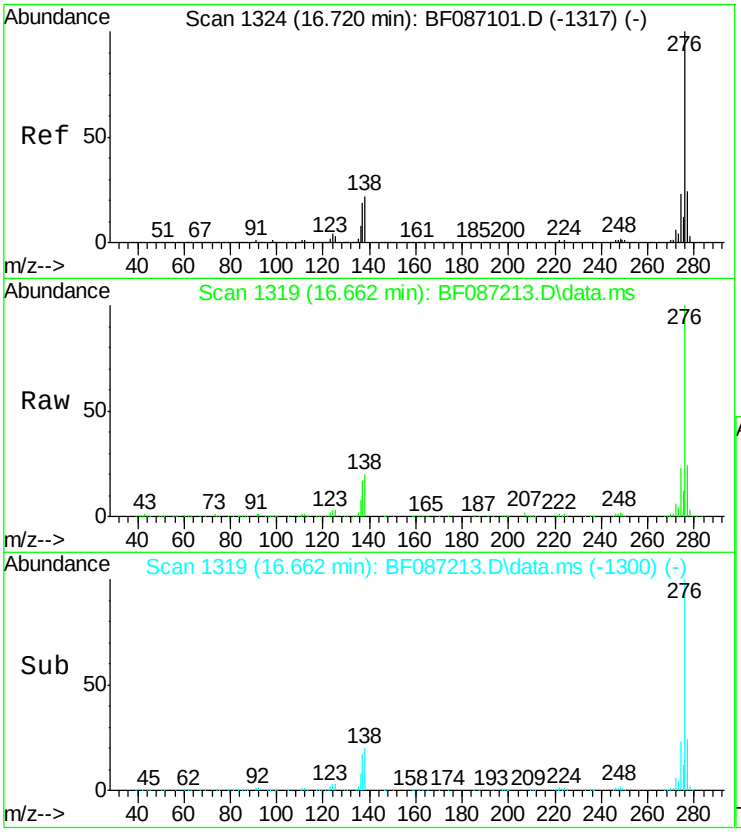


#90
Dibenzo(a,h)anthracene
Concen: 49.14 ng
RT: 16.297 min Scan# 1287
Delta R.T. -0.080 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Tgt Ion:278 Resp: 573682

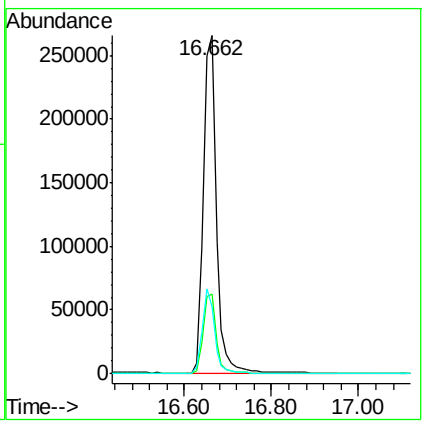
Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.6	24.8
279	23.9	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 46.59 ng
RT: 16.662 min Scan# 13
Delta R.T. -0.080 min
Lab File: BF087213.D
Acq: 20 May 2016 5:40

Instrument :
BNA_F
ClientSampleId :
FB-BWR-BB-R10-C51(0-15FT)MS

Tgt Ion:276 Resp: 549425

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	19.9	23.6	35.4#