Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085625.D
Acq On : 21 Mar 2016 16:41
Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:33 PM

Quant Time: Mar 22 01:36:03 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	141609	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	558682	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	266648	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	505835	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	372419	20.00	ng		-0.01
86) Perylene-d12	15.42	264	253801	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1040721	123.44	ng		0.00
7) Phenol-d6	6.48	99	1429088	132.16	ng		-0.01
23) Nitrobenzene-d5	7.42	82	919816	95.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	324463	124.22	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1518137	102.31	ng		-0.01
78) Terphenyl-d14	12.95	244	1250124	80.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	152137	37.12	ng		97
3) Pyridine	3.22	79	361959	35.97	ng		100
4) n-Nitrosodimethylamine	3.17	42	195134	46.45	ng		97
6) Aniline	6.52	93	431828	29.73	ng		94
8) 2-Chlorophenol	6.63	128	426112	43.69	ng		96
9) Benzaldehyde	6.39	77	93452	15.19	ng		93
10) Phenol	6.50	94	501473	40.72	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	404183	43.53	ng		99
12) 1,3-Dichlorobenzene	6.78	146	441962m	41.58	ng		
13) 1,4-Dichlorobenzene	6.86	146	438315	40.43	ng		99
14) 1,2-Dichlorobenzene	7.02	146	423890	44.04	ng		98
15) Benzyl Alcohol	7.00	79	359022	48.47	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	537343	44.01	ng		96
17) 2-Methylphenol	7.11	107	383220	47.40	ng		98
18) Hexachloroethane	7.35	117	170517	43.56	ng	#	79
19) n-Nitroso-di-n-propylamine	7.27	70	308979	47.84	ng		98
20) 3+4-Methylphenols	7.26	107	384042	41.01	ng		93
22) Acetophenone	7.26	105	545983	41.18	ng	#	99
24) Nitrobenzene	7.43	77	446336	42.36	ng		97
25) Isophorone	7.67	82	855301	44.39	ng		97
26) 2-Nitrophenol	7.75	139	263567	50.62	ng		96
27) 2,4-Dimethylphenol	7.78	122	371651	40.36	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	539622	49.23	ng		100
29) 2,4-Dichlorophenol	7.99	162	358581	47.16	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	367552	43.15	ng		98
31) Naphthalene	8.15	128	1172411	41.58	ng		100
32) Benzoic acid	7.89	122	81382	10.57	ng		97
33) 4-Chloroaniline	8.20	127	243854	21.10	ng	#	93
34) Hexachlorobutadiene	8.26	225	195960	43.17	ng		98
35) Caprolactam	8.58	113	119769m	45.78	ng		
36) 4-Chloro-3-methylphenol	8.69	107	395104	44.49	ng		99
37) 2-Methylnaphthalene	8.85	142	872548	50.76	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	315066	38.95	ng		99
40) Hexachlorocyclopentadiene	9.00	237	324919	89.13	ng		99

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Operator : UM/SJ
Sample : H1788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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3/22/2016 5:33:33 PM

Quant Time: Mar 22 01:36:03 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	246609	44.54	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	248349	44.07	ng	#	88
45) 1,1'-Biphenyl	9.30	154	889568	38.67	ng		99
46) 2-Chloronaphthalene	9.33	162	731959	43.56	ng	#	91
47) 2-Nitroaniline	9.43	65	245307	48.26	ng		98
48) Acenaphthylene	9.75	152	1193283	43.88	ng		100
49) Dimethylphthalate	9.61	163	1069973	53.18	ng		99
50) 2,6-Dinitrotoluene	9.67	165	193617	45.58	ng		95
51) Acenaphthene	9.92	154	765559	44.86	ng		99
52) 3-Nitroaniline	9.84	138	164035	30.83	ng		98
53) 2,4-Dinitrophenol	9.96	184	192171	73.85	ng	#	66
54) Dibenzofuran	10.09	168	1030681	49.60	ng		100
55) 4-Nitrophenol	10.01	139	310782	75.58	ng		97
56) 2,4-Dinitrotoluene	10.08	165	272151	48.93	ng	#	74
57) Fluorene	10.44	166	801455	46.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	190208	46.88	ng		98
59) Diethylphthalate	10.31	149	817726	40.88	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	356530	42.16	ng		95
61) 4-Nitroaniline	10.46	138	206389	39.35	ng		92
62) Azobenzene	10.58	77	896191	46.68	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	151919	46.93	ng	#	57
65) n-Nitrosodiphenylamine	10.55	169	749339	47.56	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	246114	48.70	ng		96
67) Hexachlorobenzene	10.98	284	265647	49.48	ng		96
68) Atrazine	11.08	200	229576	47.86	ng		99
69) Pentachlorophenol	11.18	266	272124	83.49	ng		98
70) Phenanthrene	11.40	178	1241196	46.54	ng		100
71) Anthracene	11.44	178	1104800	39.51	ng		100
72) Carbazole	11.60	167	1132231	46.93	ng		100
73) Di-n-butylphthalate	11.93	149	1396753	46.23	ng		99
74) Fluoranthene	12.57	202	1141386	40.87	ng		98
76) Benzidine	12.70	184	186073	14.86	ng		98
77) Pyrene	12.80	202	1171618	43.81	ng		99
79) Butylbenzylphthalate	13.42	149	522337	40.98	ng	#	71
80) Benzo(a)anthracene	13.99	228	902770	41.76	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	189627	23.93	ng	#	96
82) Chrysene	14.03	228	784344	37.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	608559	38.43	ng	#	98
84) Di-n-octyl phthalate	14.60	149	1035775	40.14	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	716015	41.20	ng		99
87) Benzo(b)fluoranthene	15.02	252	758363m	45.79	ng		
88) Benzo(k)fluoranthene	15.04	252	658502m	48.26	ng		
89) Benzo(a)pyrene	15.36	252	661774	47.14	ng		97
90) Dibenzo(a,h)anthracene	16.84	278	597242	51.00	ng		98
91) Benzo(g,h,i)perylene	17.24	276	603971	53.29	ng		98

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

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Acq On : 21 Mar 2016 16:41
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Sample : H1788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 01:36:03 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

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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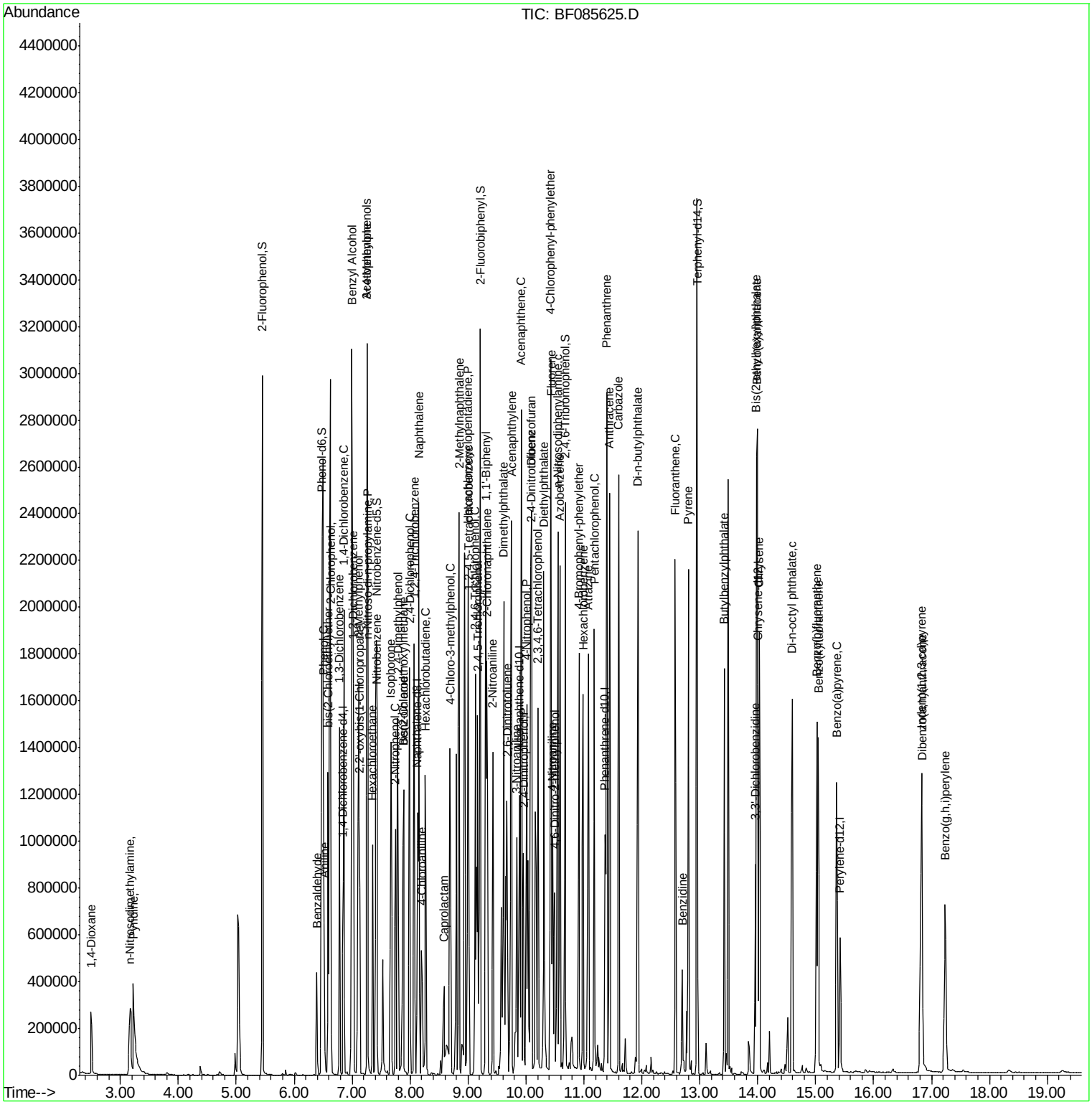
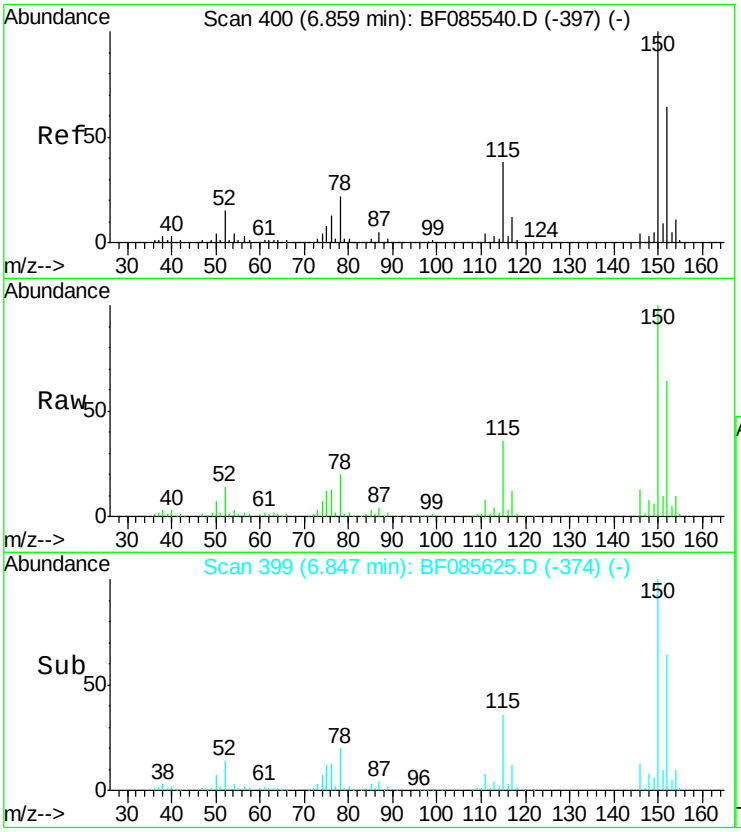
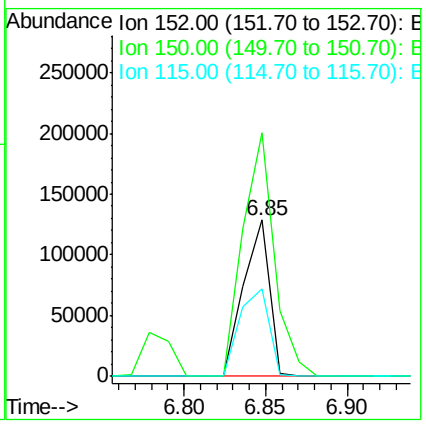




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:152 Resp: 141609

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	56.1	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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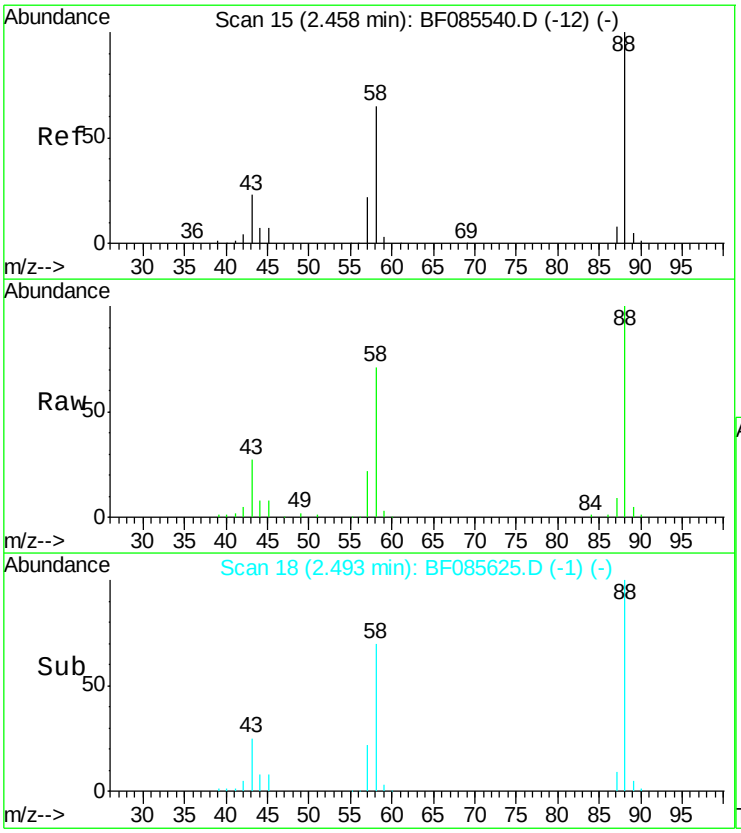
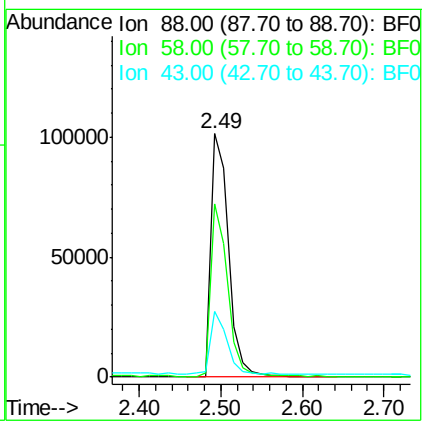
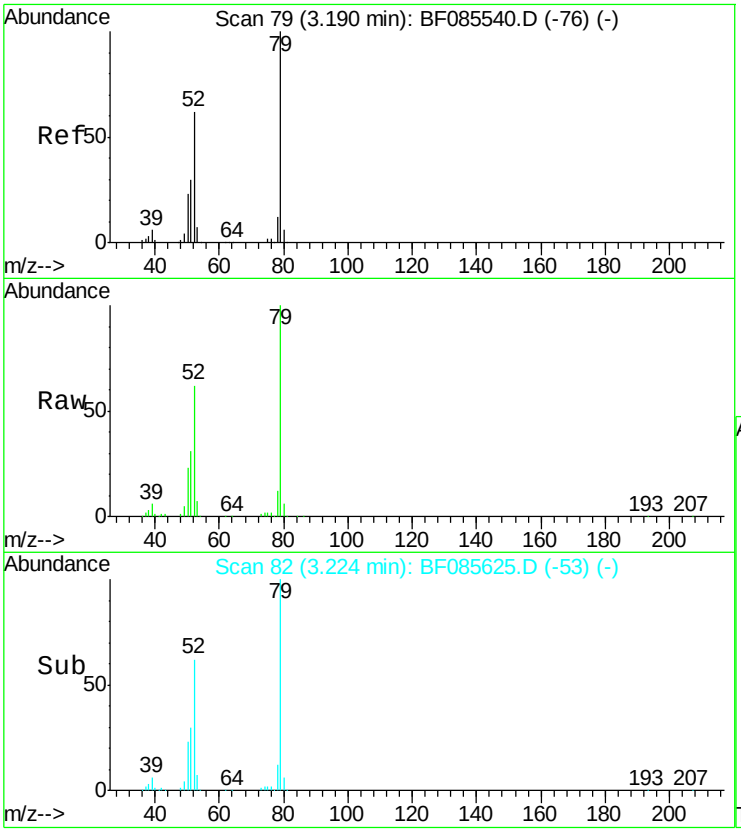


#2
1,4-Dioxane
Concen: 37.12 ng
RT: 2.49 min Scan# 18
Delta R.T. 0.03 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 88 Resp: 152137

Ion	Ratio	Lower	Upper
88	100		
58	70.2	54.2	81.2
43	26.0	19.3	28.9

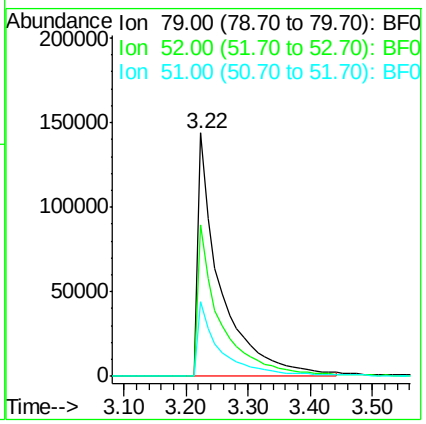




#3
Pyridine
Concen: 35.97 ng
RT: 3.22 min Scan# 82
Delta R.T. 0.03 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 79 Resp: 361959

Ion	Ratio	Lower	Upper
79	100		
52	62.3	49.8	74.6
51	30.7	24.7	37.1



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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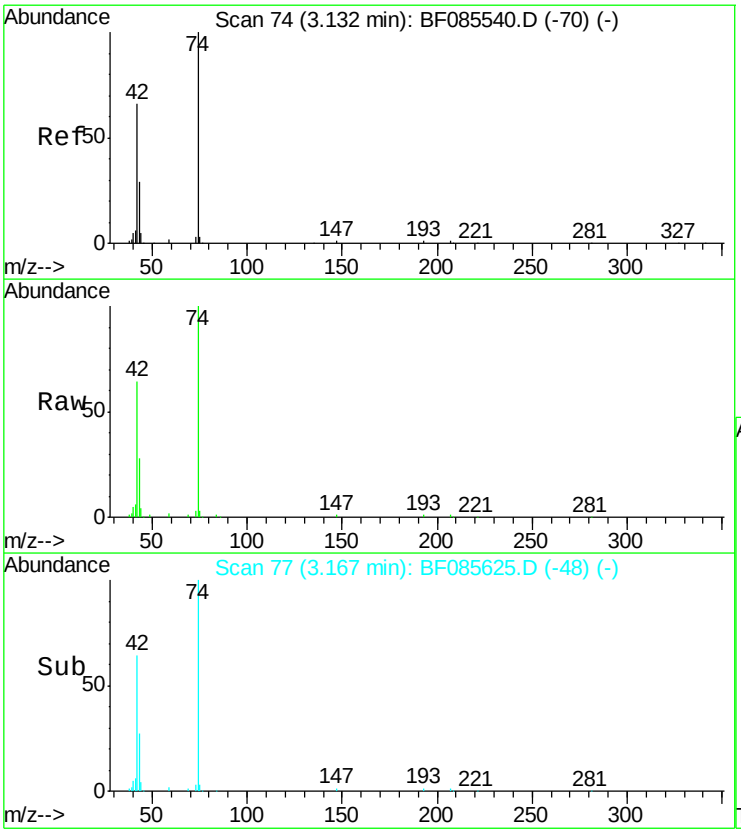
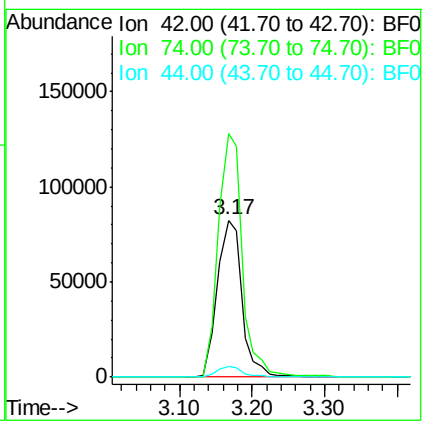
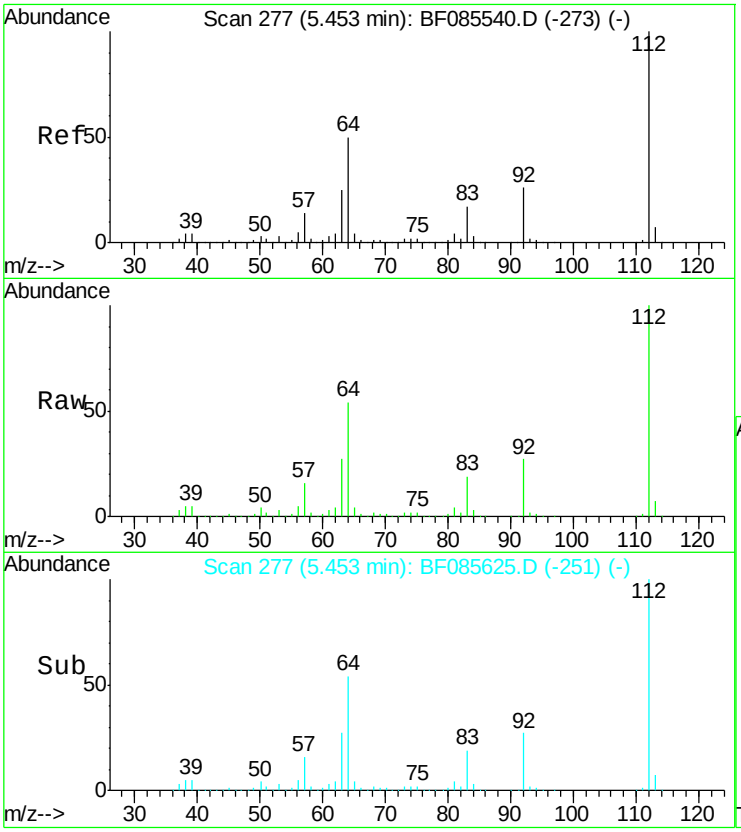


#4
n-Nitrosodimethylamine
Concen: 46.45 ng
RT: 3.17 min Scan# 77
Delta R.T. 0.03 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 42 Resp: 195134

Ion	Ratio	Lower	Upper
42	100		
74	155.3	121.4	182.2
44	6.7	5.6	8.4

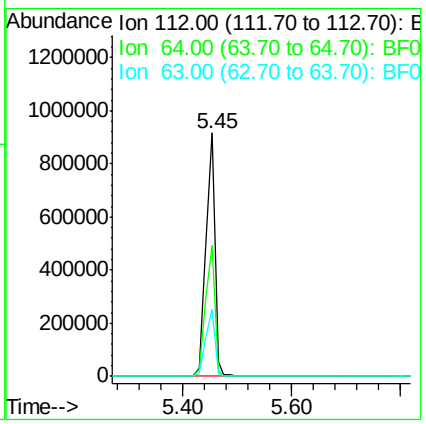




#5
2-Fluorophenol
Concen: 123.44 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:112 Resp: 1040721

Ion	Ratio	Lower	Upper
112	100		
64	53.6	39.9	59.9
63	27.3	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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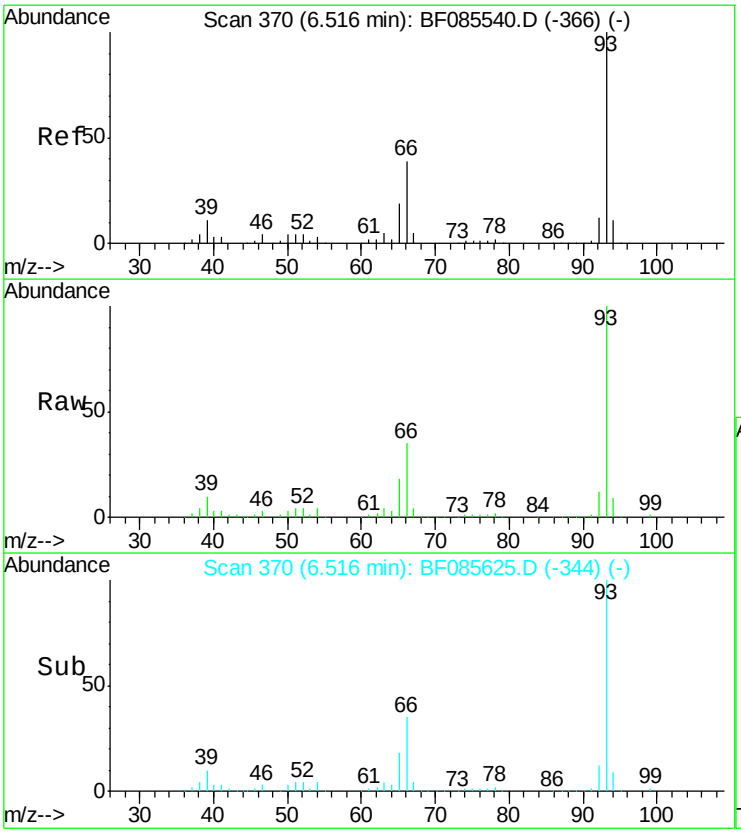
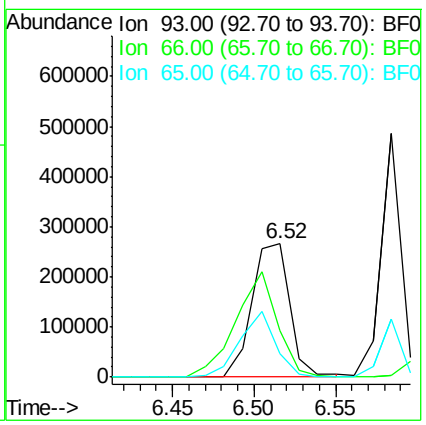
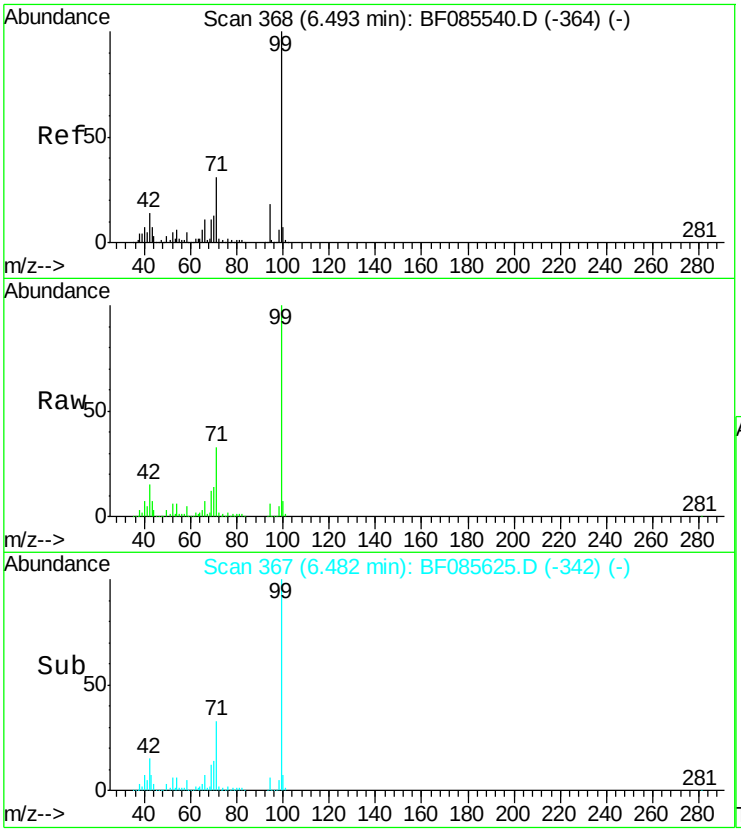


#6
Aniline
Concen: 29.73 ng
RT: 6.52 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 93 Resp: 431828

Ion	Ratio	Lower	Upper
93	100		
66	35.2	31.4	47.2
65	17.8	15.7	23.5

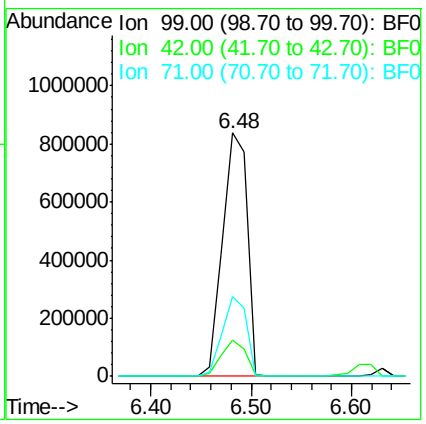




#7
Phenol-d6
Concen: 132.16 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 99 Resp: 1429088

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.1	16.7
71	33.0	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
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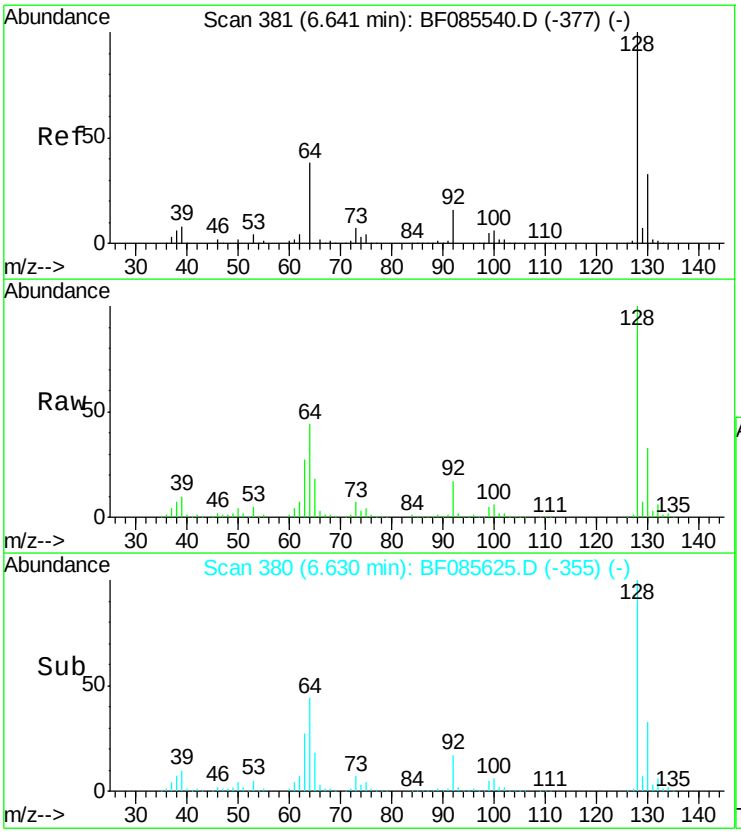
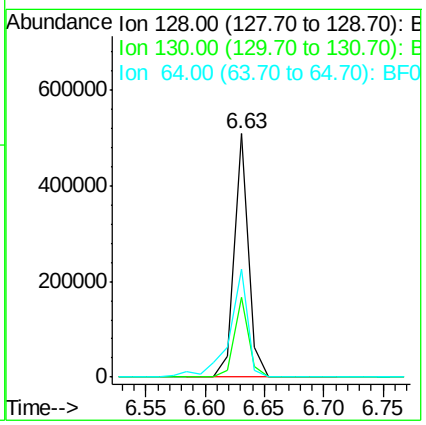
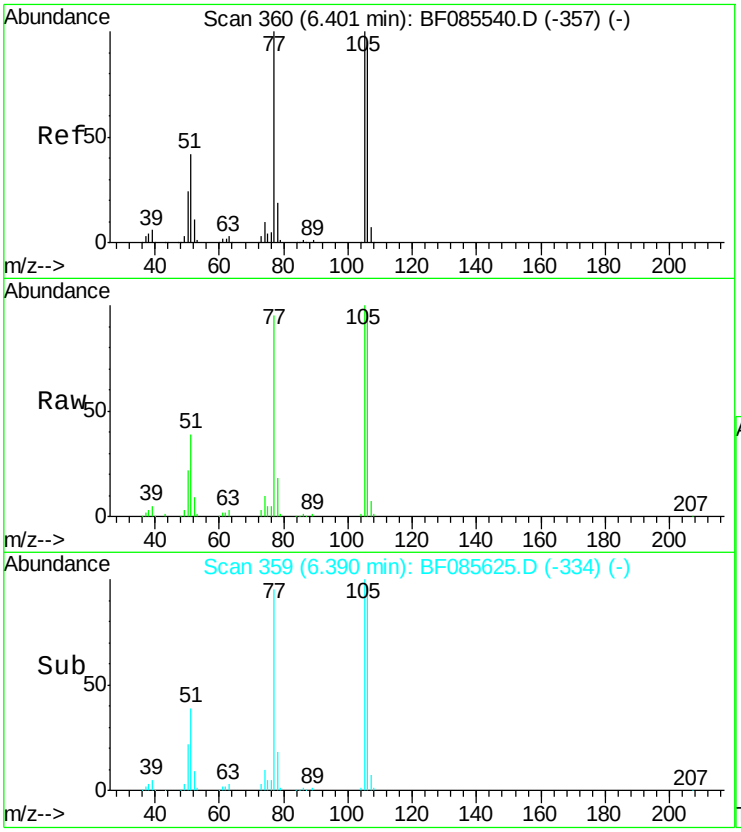


#8
2-Chlorophenol
Concen: 43.69 ng
RT: 6.63 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:128 Resp: 426112

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	44.3	20.2	60.2

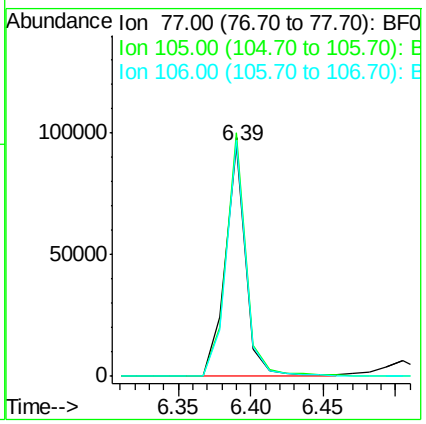




#9
Benzaldehyde
Concen: 15.19 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 77 Resp: 93452

Ion	Ratio	Lower	Upper
77	100		
105	105.5	80.1	120.1
106	102.5	75.0	115.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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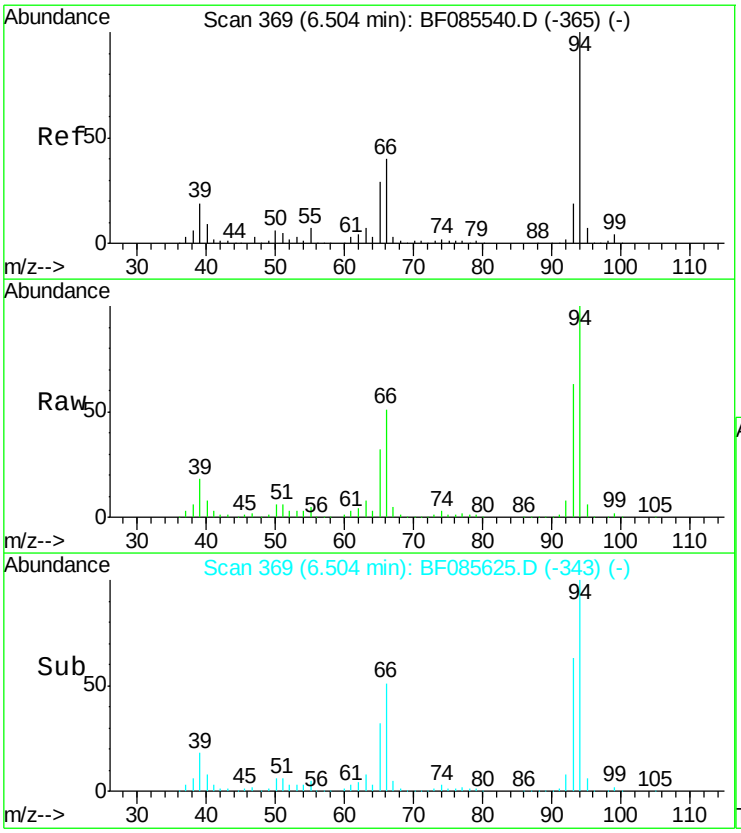
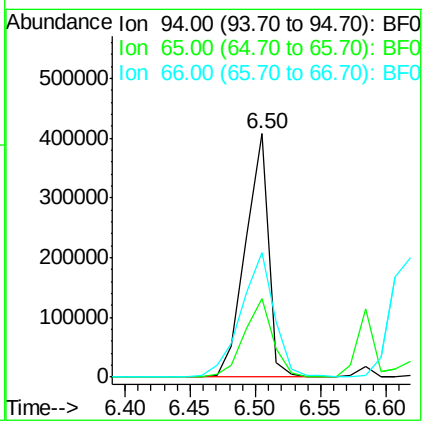
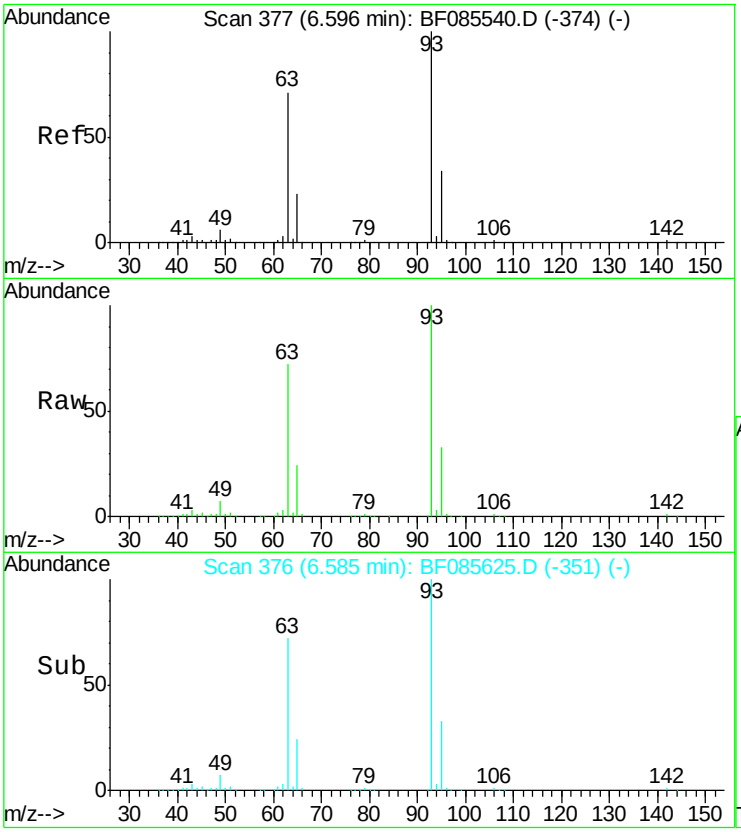


#10
Phenol
Concen: 40.72 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 94 Resp: 501473

Ion	Ratio	Lower	Upper
94	100		
65	32.0	8.6	48.6
66	51.3	20.0	60.0

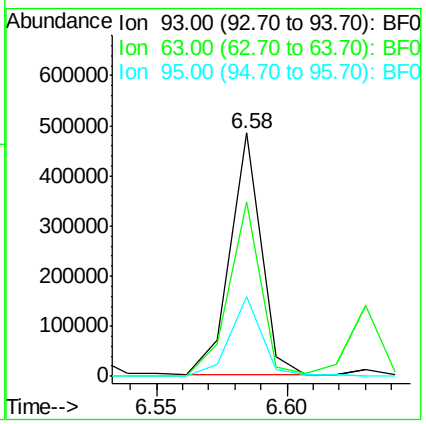




#11
bis(2-Chloroethyl)ether
Concen: 43.53 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 93 Resp: 404183

Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.9	90.9
95	32.7	13.3	53.3



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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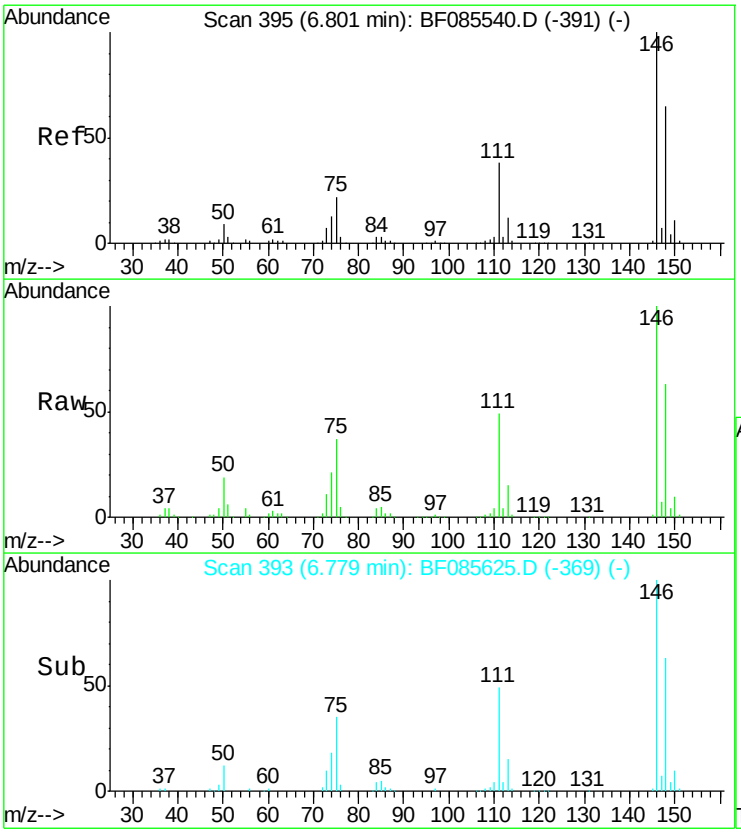
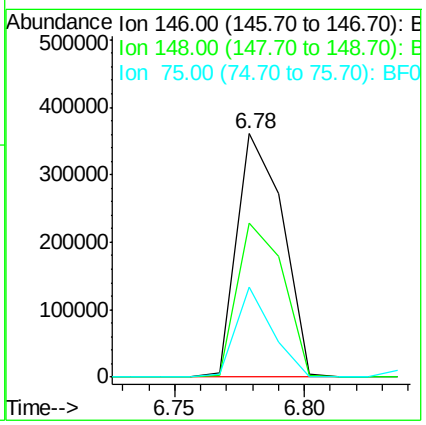
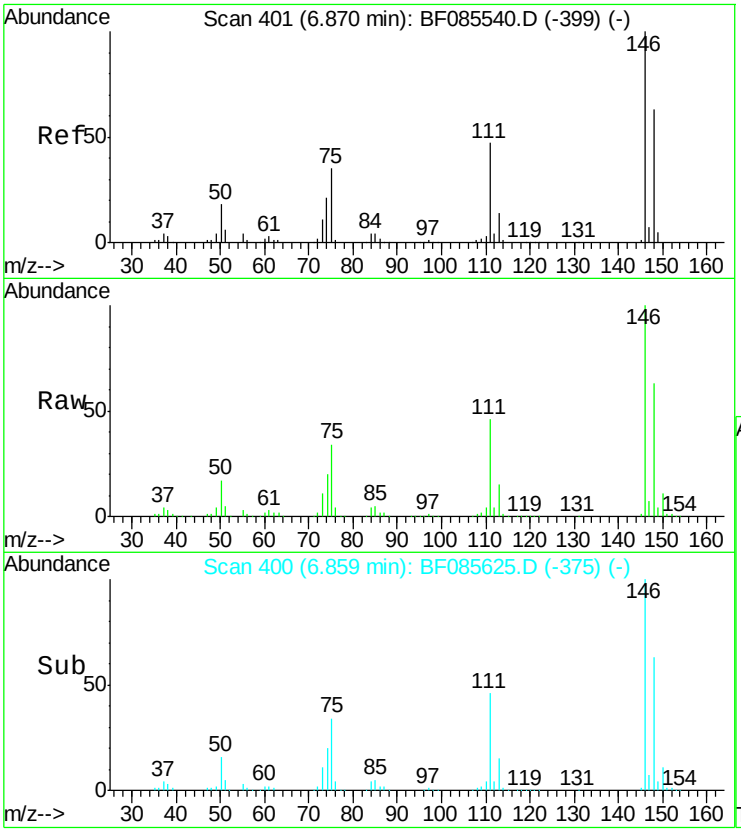


#12
1,3-Dichlorobenzene
Concen: 41.58 ng m
RT: 6.78 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:146 Resp: 441962

Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.3	78.5
75	36.8	17.4	26.2#

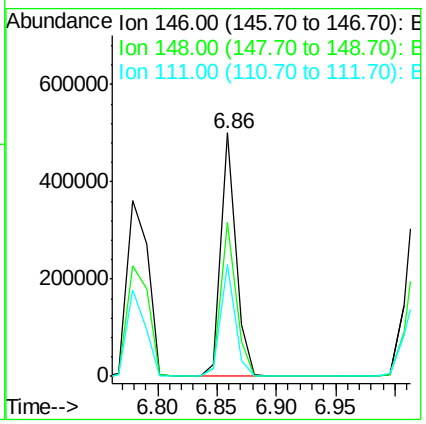




#13
1,4-Dichlorobenzene
Concen: 40.43 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:146 Resp: 438315

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	45.8	37.8	56.6



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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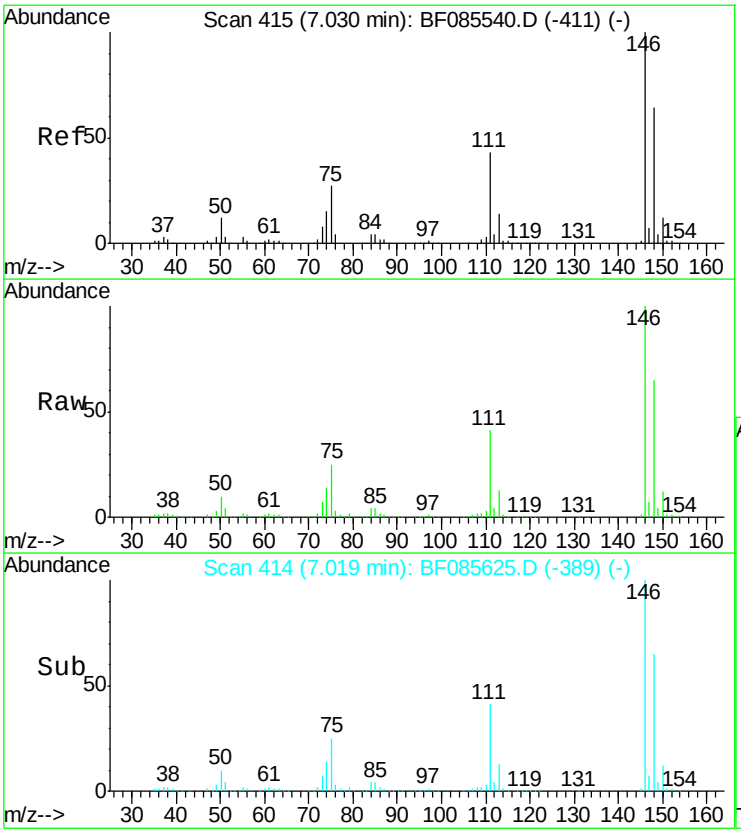
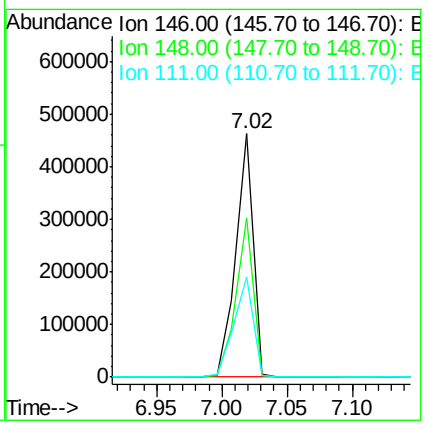
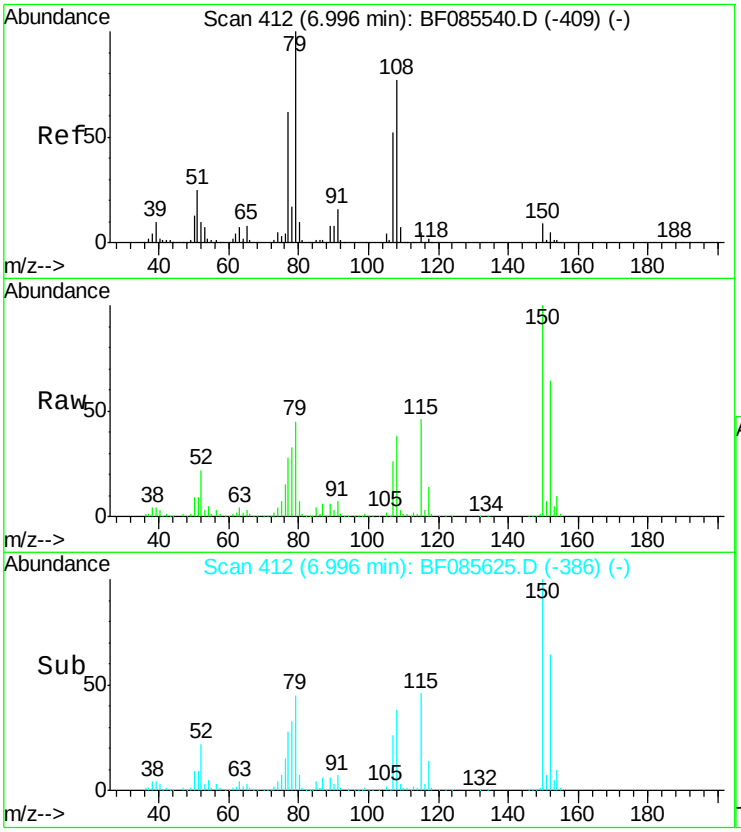


#14
1,2-Dichlorobenzene
Concen: 44.04 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:146 Resp: 423890

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	41.1	34.6	52.0

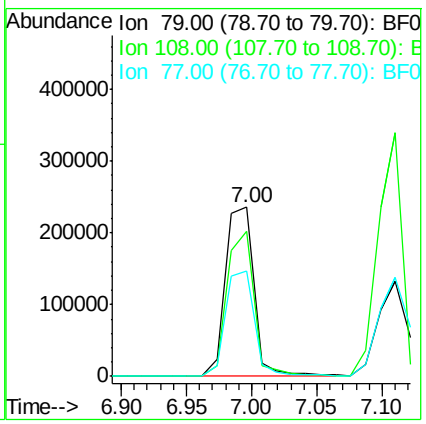




#15
Benzyl Alcohol
Concen: 48.47 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 79 Resp: 359022

Ion	Ratio	Lower	Upper
79	100		
108	86.0	61.8	92.6
77	62.1	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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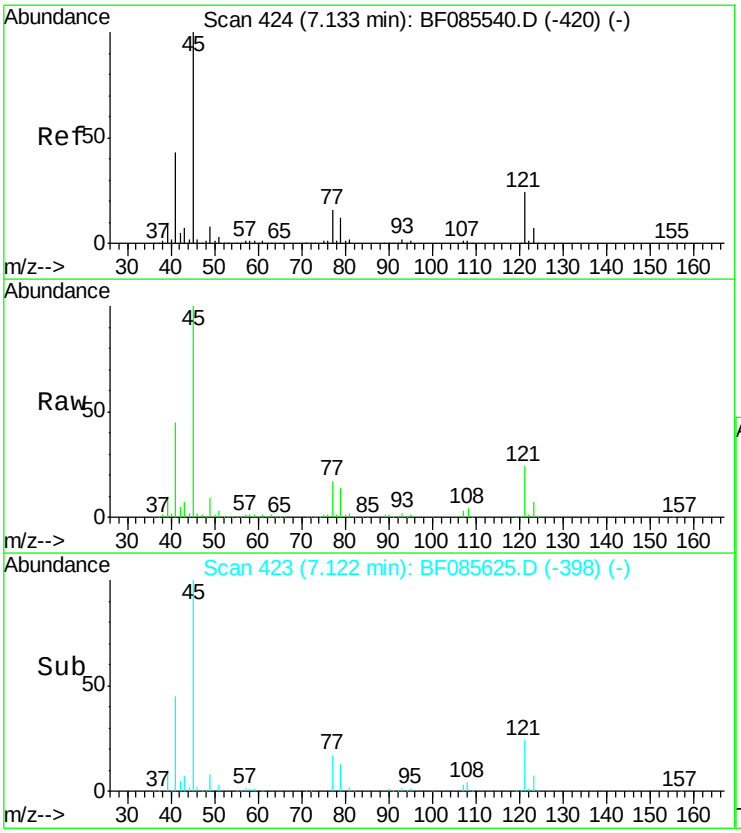
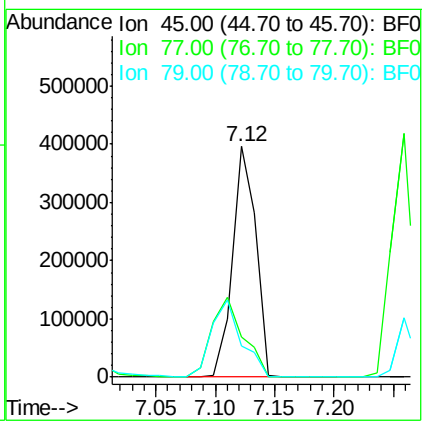
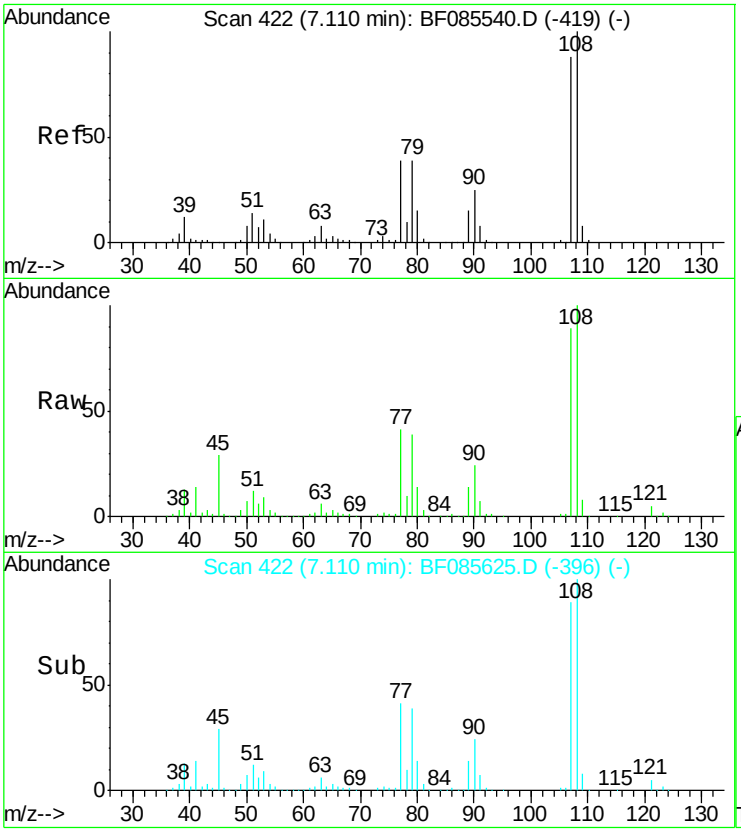


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.01 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 45 Resp: 537343

Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	35.7
79	13.6	0.0	32.2

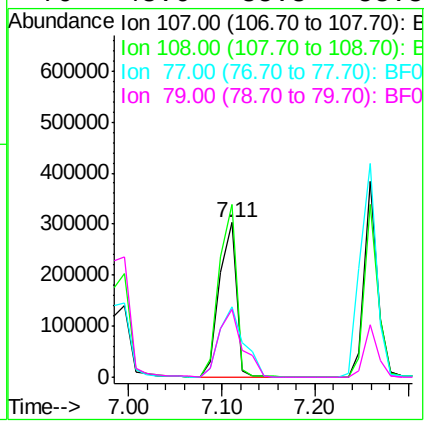




#17
2-Methylphenol
Concen: 47.40 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:107 Resp: 383220

Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.4	137.0
77	45.5	36.2	54.2
79	43.6	35.8	53.8



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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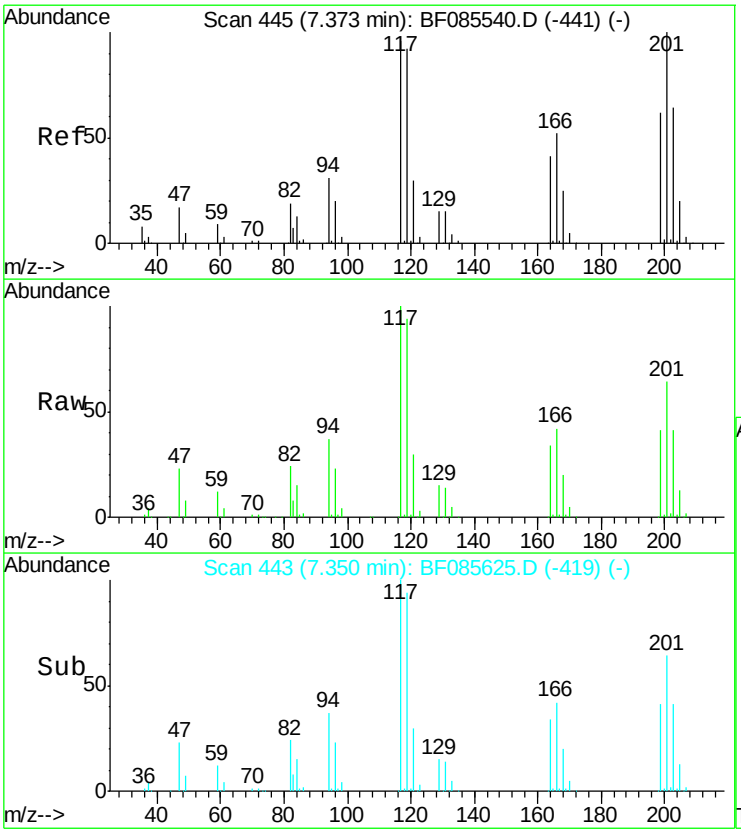
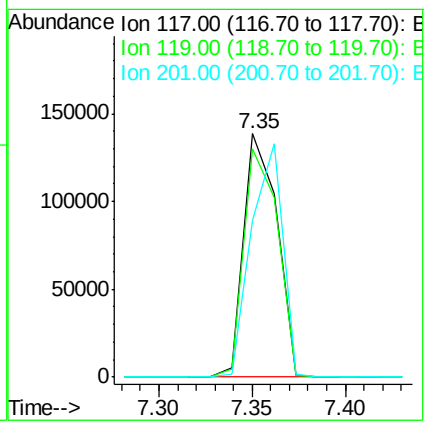
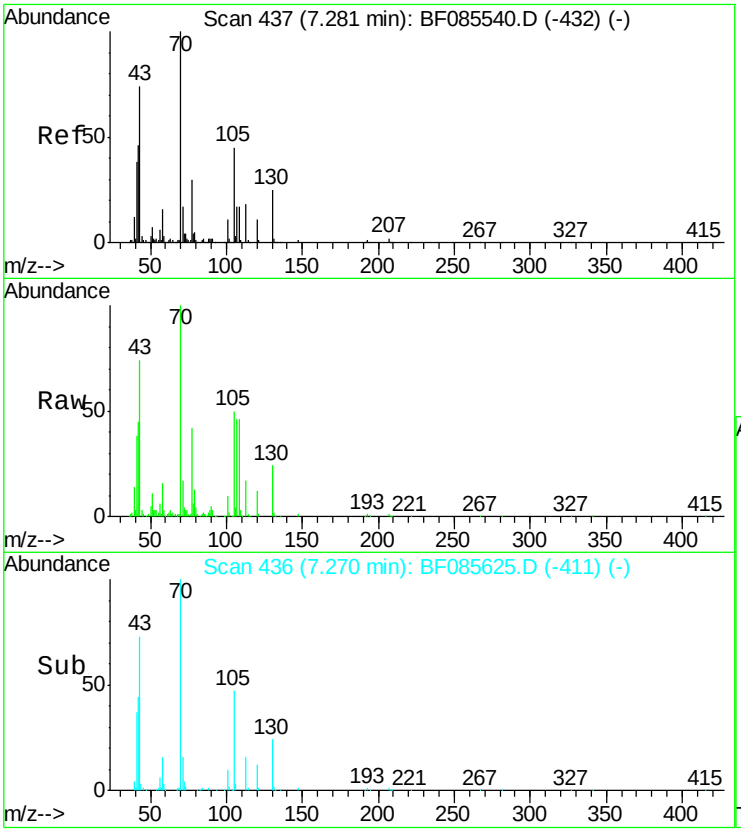


#18
Hexachloroethane
Concen: 43.56 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:117 Resp: 170517

Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.7	115.1
201	64.4	83.3	124.9#

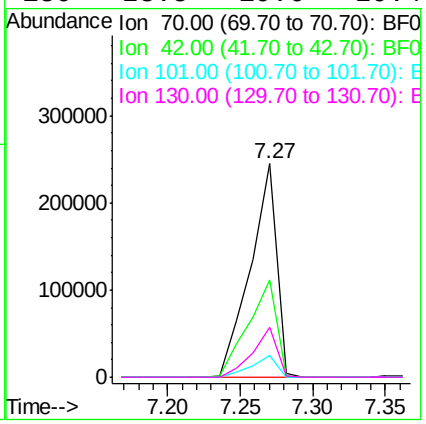




#19
n-Nitroso-di-n-propylamine
Concen: 47.84 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 70 Resp: 308979

Ion	Ratio	Lower	Upper
70	100		
42	45.3	37.1	55.7
101	10.3	8.6	12.8
130	23.5	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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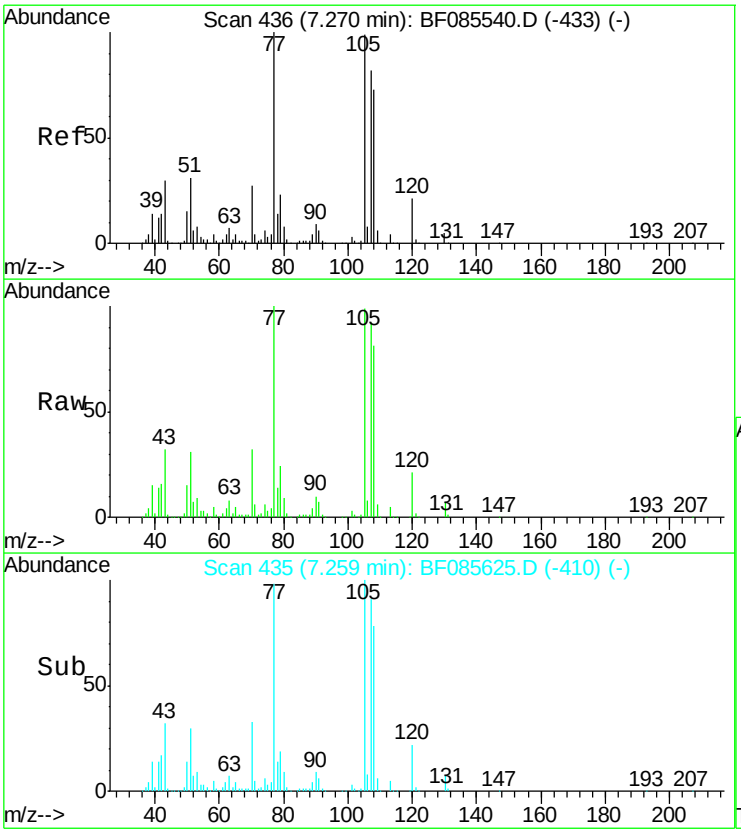
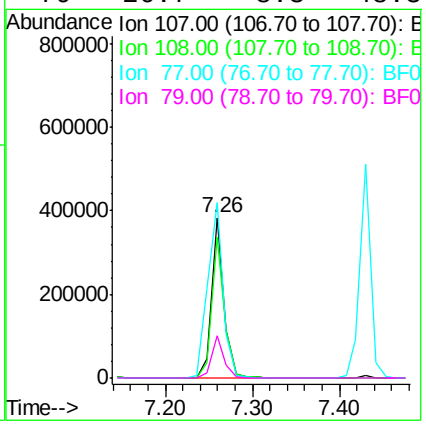
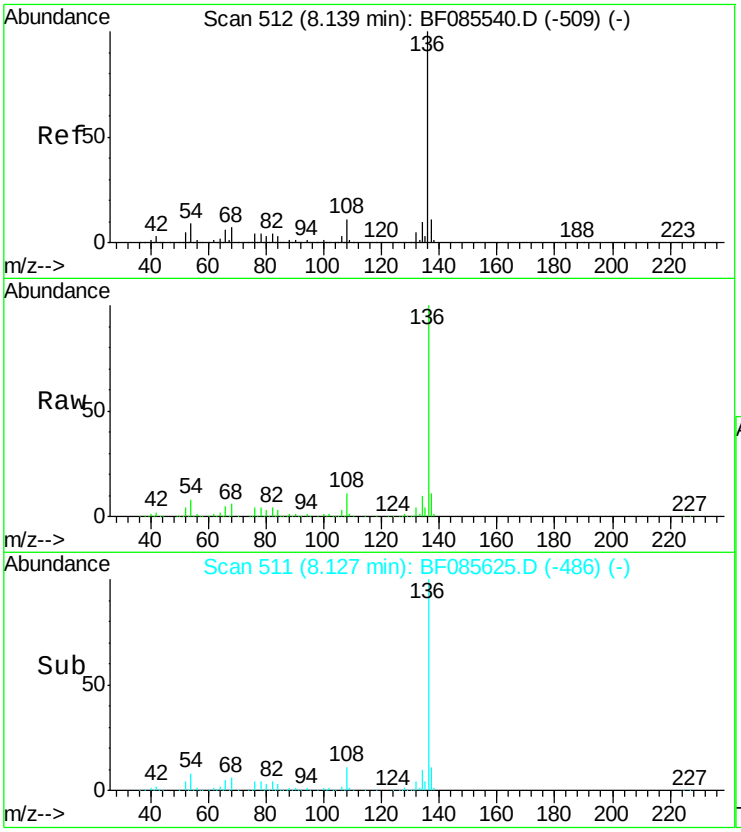


#20
3+4-Methylphenols
Concen: 41.01 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:107 Resp: 384042

Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.3	109.3
77	108.9	101.7	141.7
79	26.7	8.3	48.3

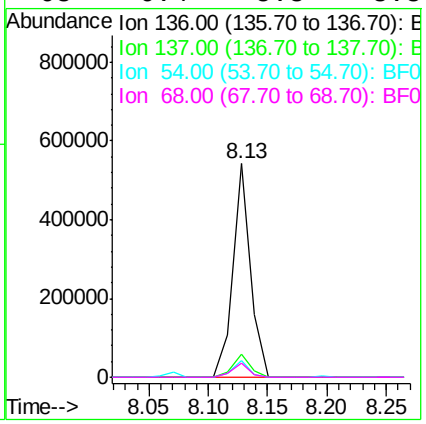




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:136 Resp: 558682

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.8	7.4	11.0
68	6.4	5.8	8.8



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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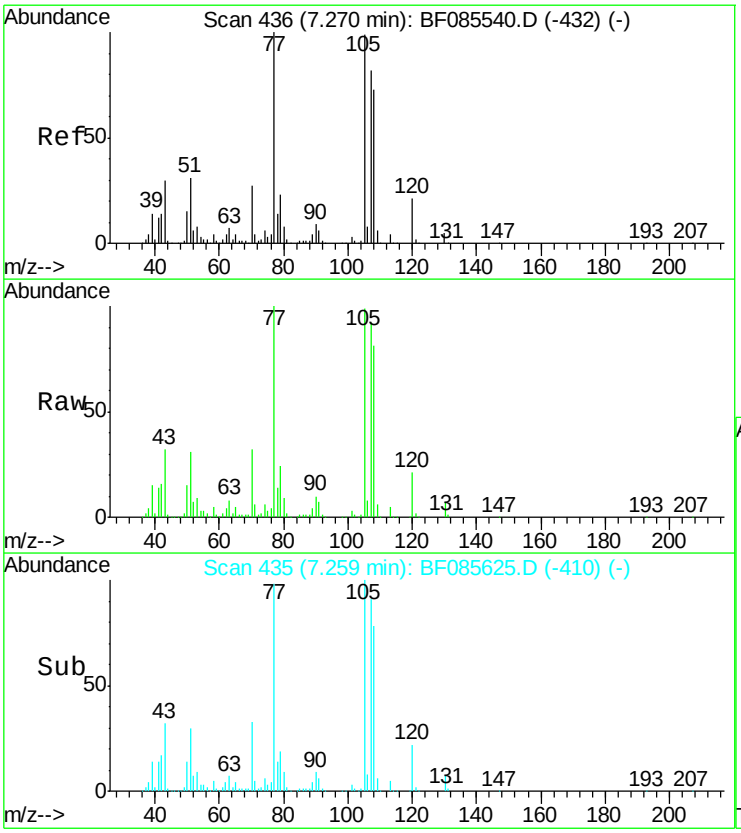
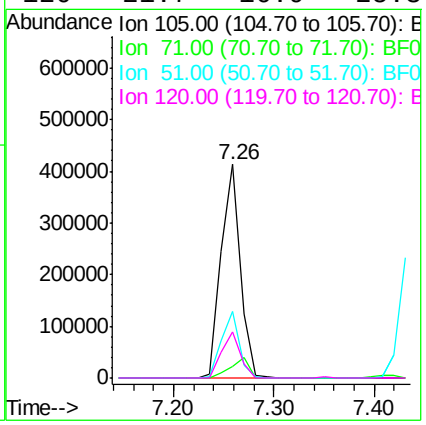
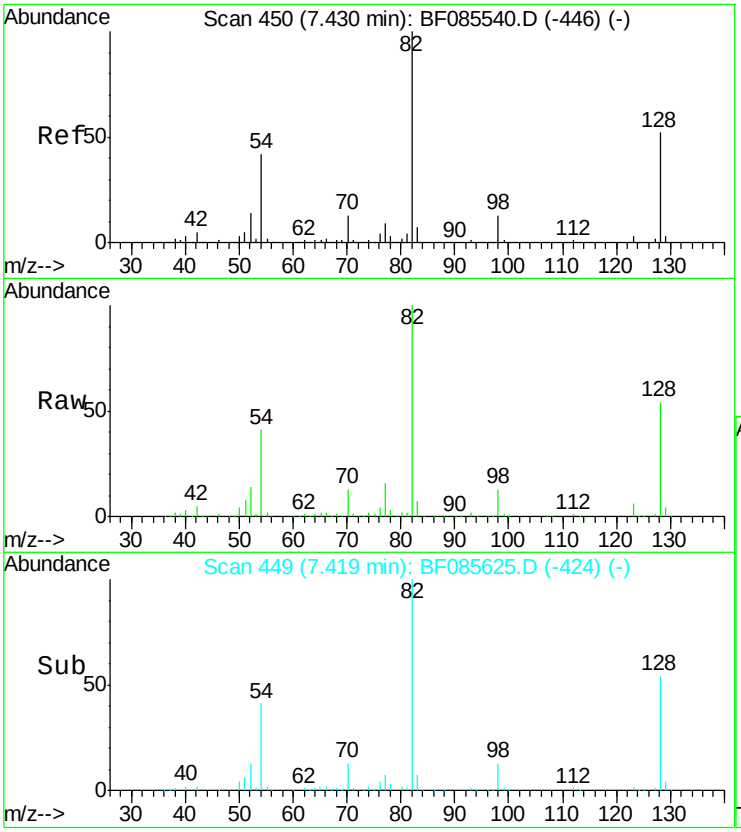


#22
Acetophenone
Concen: 41.18 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:105 Resp: 545983

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.6	5.4#
51	31.5	25.4	38.0
120	21.7	16.9	25.3

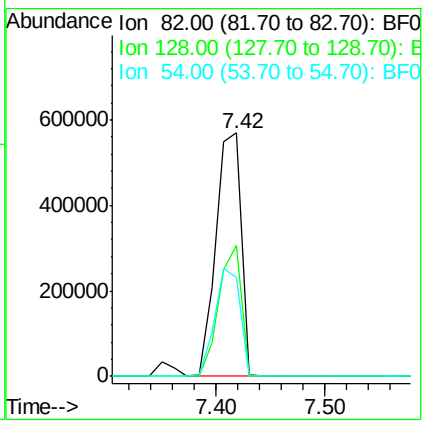




#23
Nitrobenzene-d5
Concen: 95.57 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 82 Resp: 919816

Ion	Ratio	Lower	Upper
82	100		
128	53.7	41.8	62.8
54	40.7	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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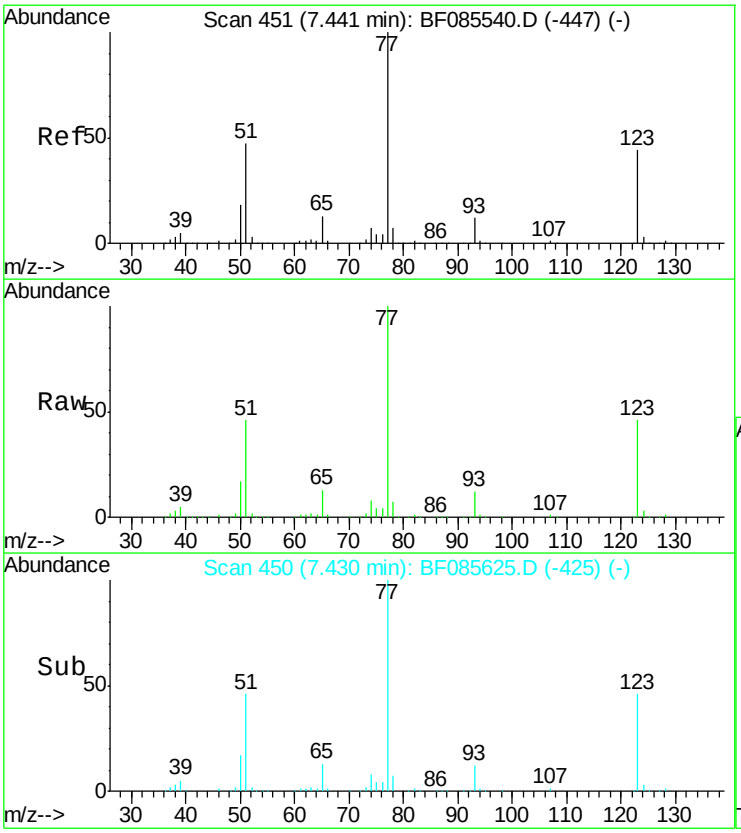
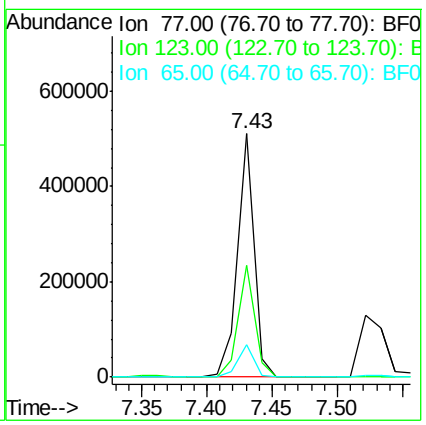
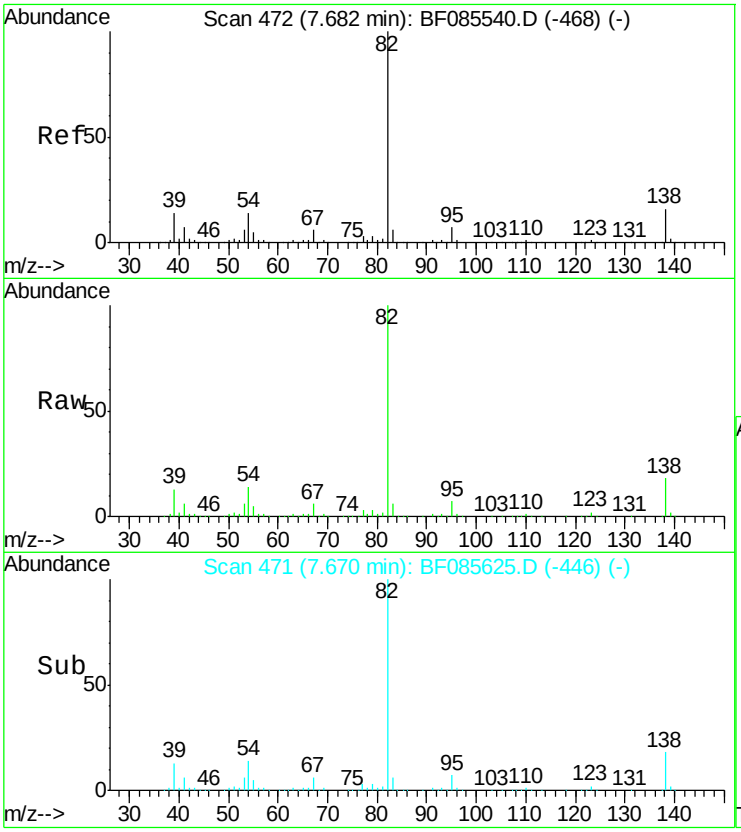


#24
Nitrobenzene
Concen: 42.36 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 77 Resp: 446336

Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.0	52.4
65	13.1	10.6	16.0

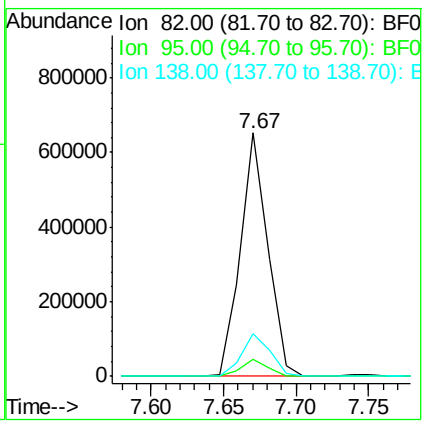




#25
Isophorone
Concen: 44.39 ng
RT: 7.67 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 82 Resp: 855301

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.7	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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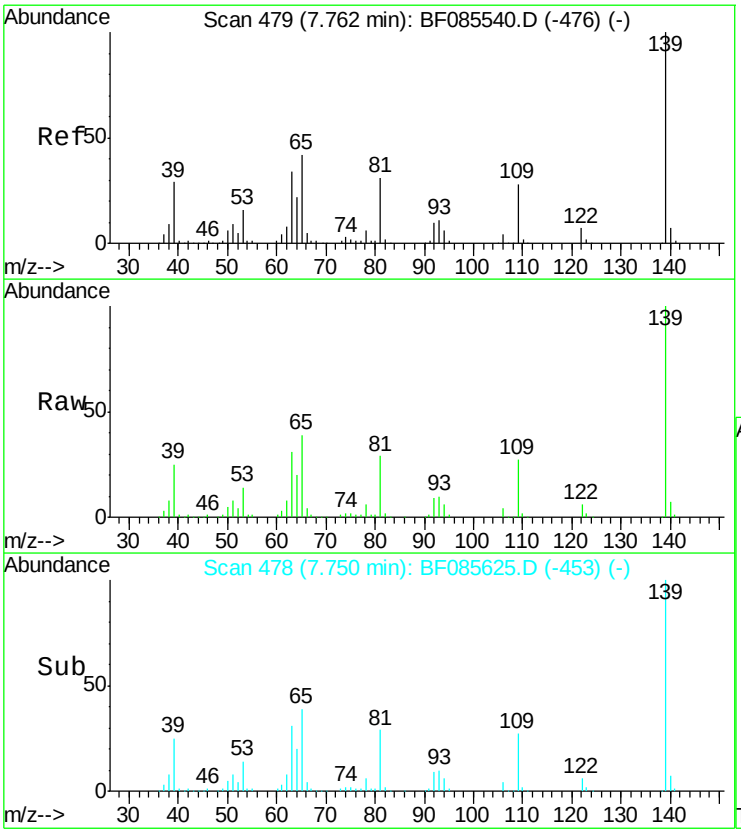
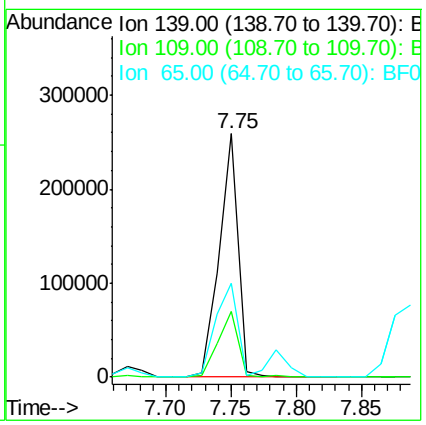
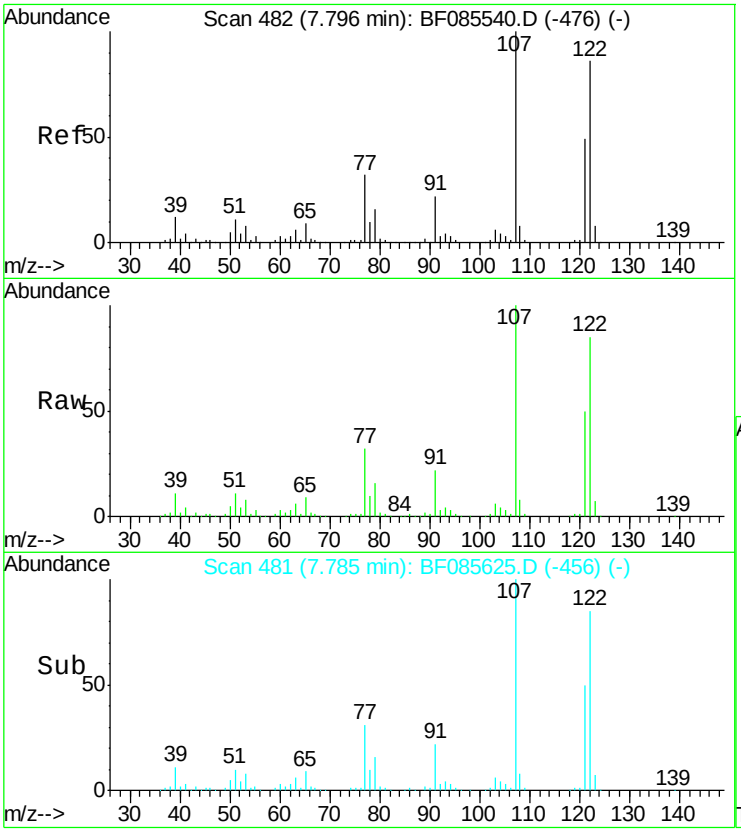


#26
2-Nitrophenol
Concen: 50.62 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:139 Resp: 263567

Ion	Ratio	Lower	Upper
139	100		
109	27.0	22.1	33.1
65	38.5	33.9	50.9

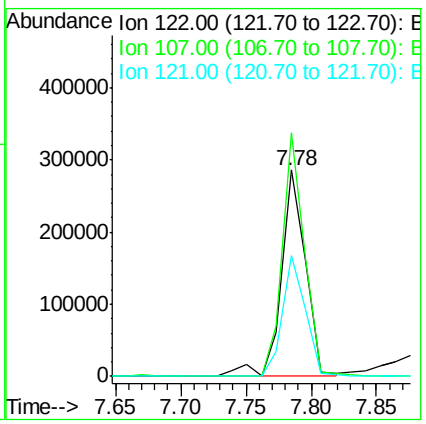




#27
2,4-Dimethylphenol
Concen: 40.36 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:122 Resp: 371651

Ion	Ratio	Lower	Upper
122	100		
107	118.0	93.0	139.6
121	58.8	45.9	68.9



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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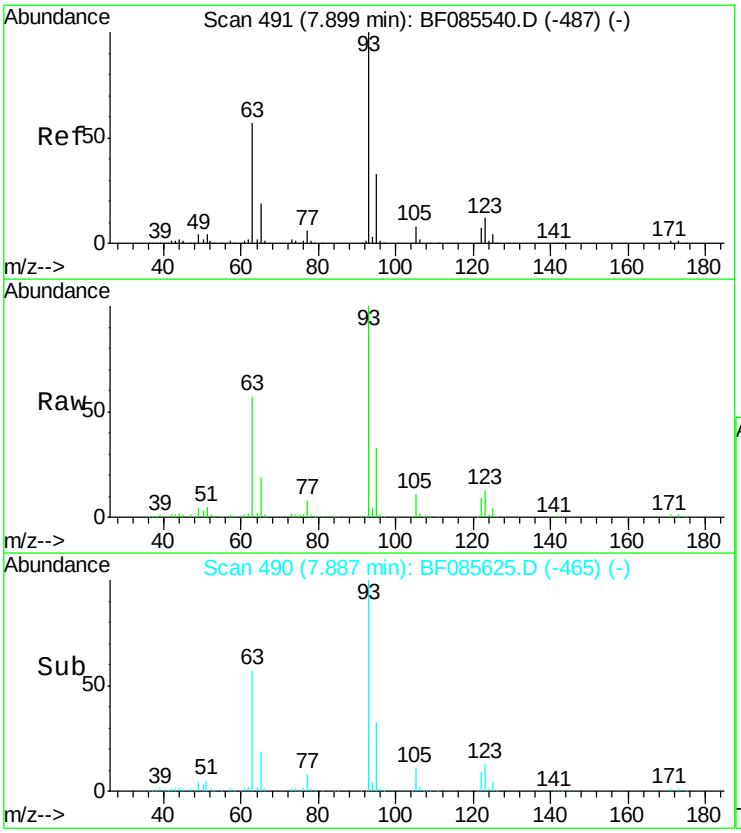
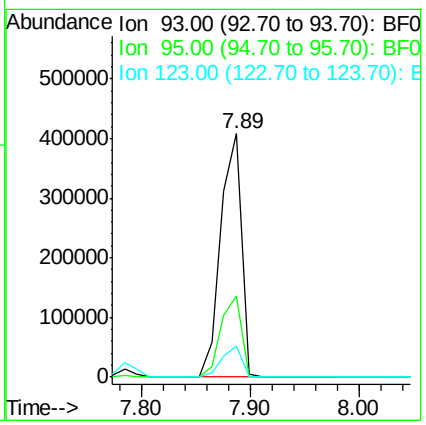
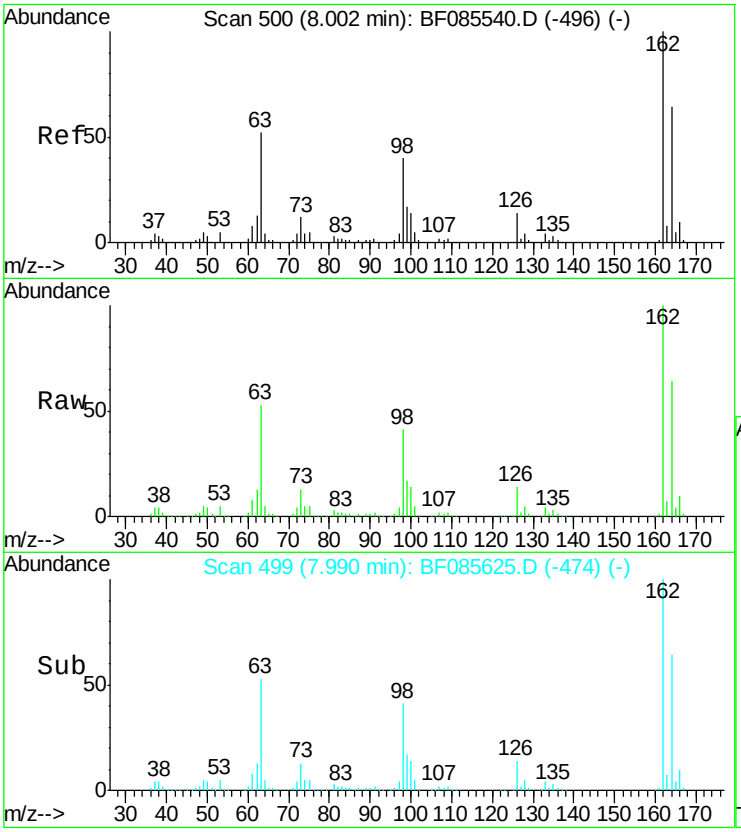


#28
bis(2-Chloroethoxy)methane
Concen: 49.23 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 93 Resp: 539622

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.6	9.8	14.6

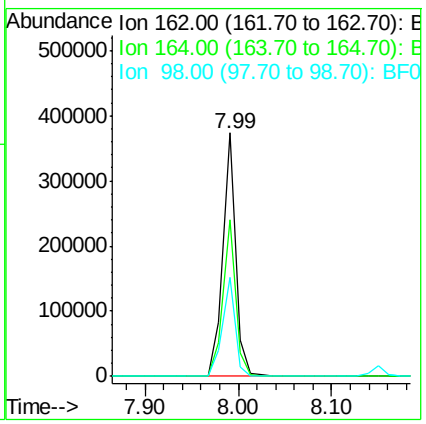




#29
2,4-Dichlorophenol
Concen: 47.16 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:162 Resp: 358581

Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.7	83.7
98	40.5	20.4	60.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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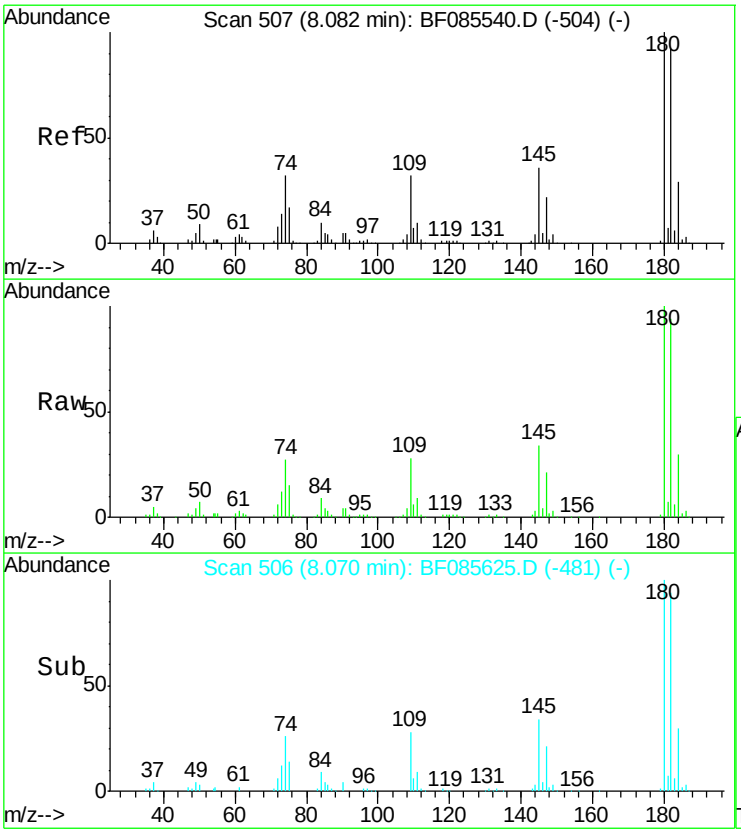
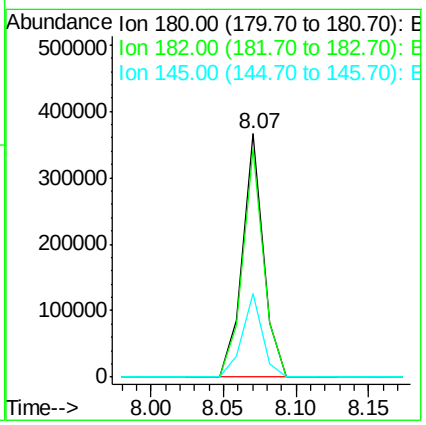
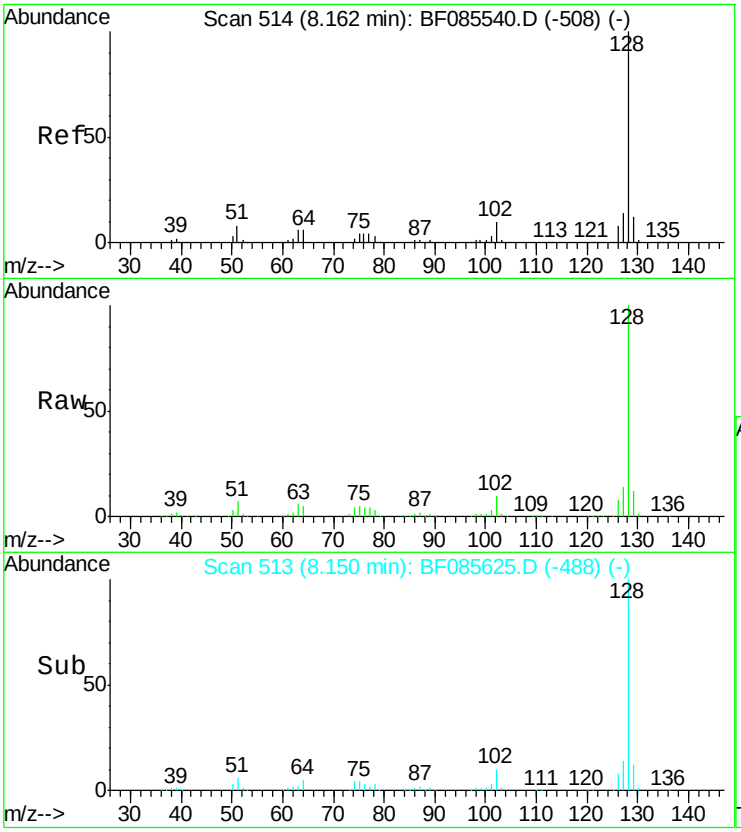


#30
1,2,4-Trichlorobenzene
Concen: 43.15 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:180 Resp: 367552

Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.8	110.8
145	34.1	28.4	42.6

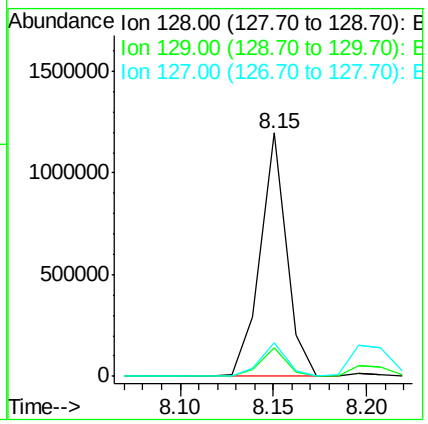




#31
Naphthalene
Concen: 41.58 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:128 Resp: 1172411

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.8	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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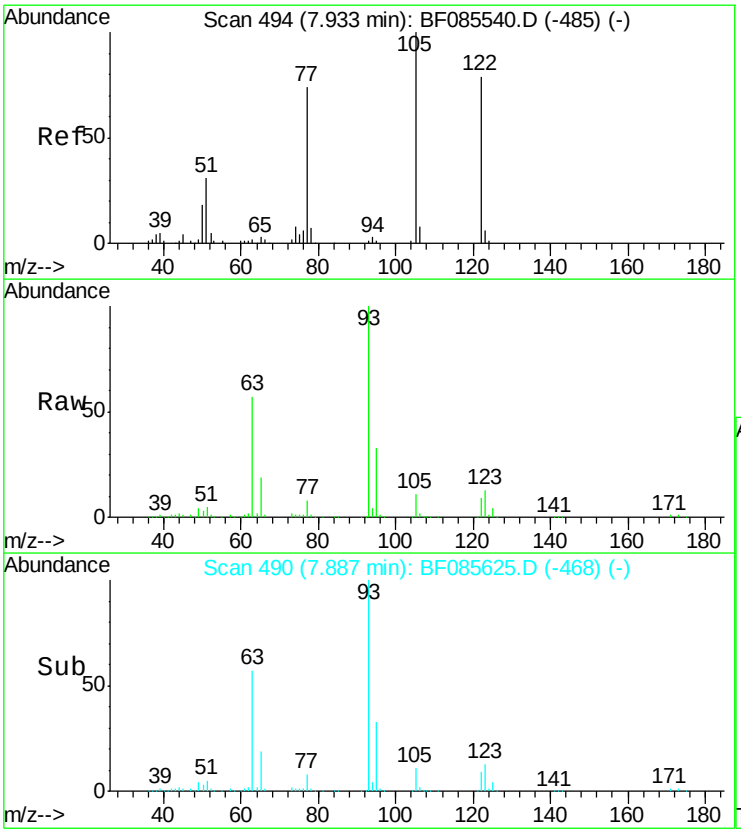
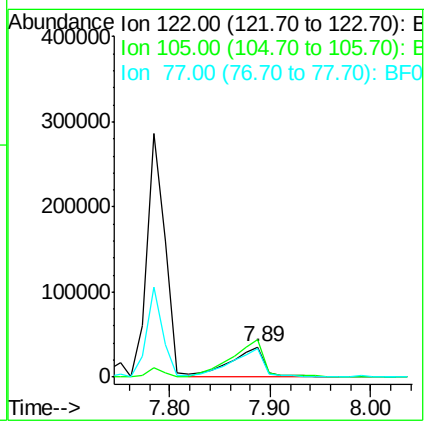
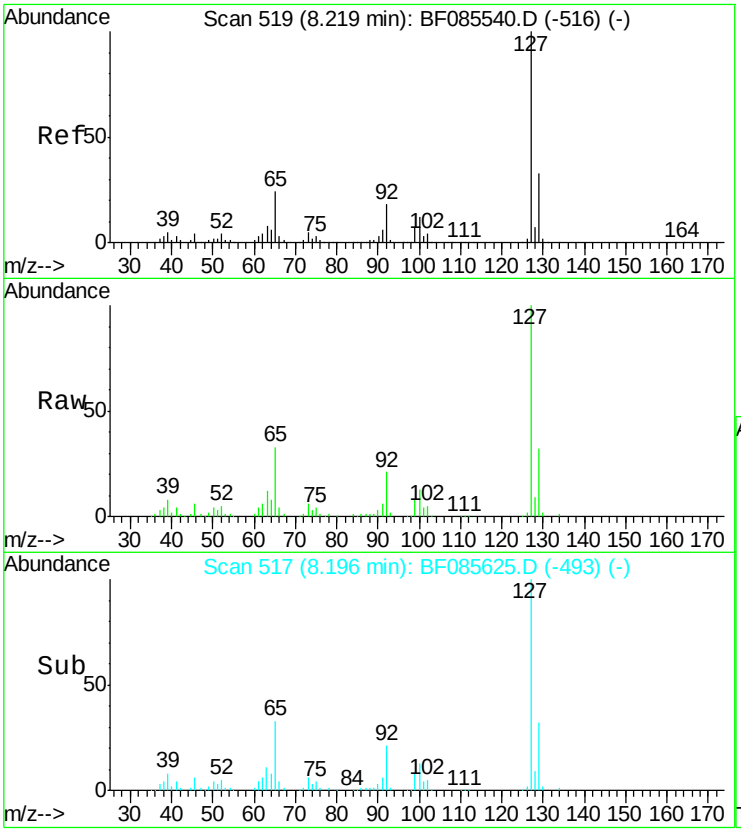


#32
Benzoic acid
Concen: 10.57 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:122 Resp: 81382

Ion	Ratio	Lower	Upper
122	100		
105	126.5	102.9	142.9
77	95.5	71.8	111.8

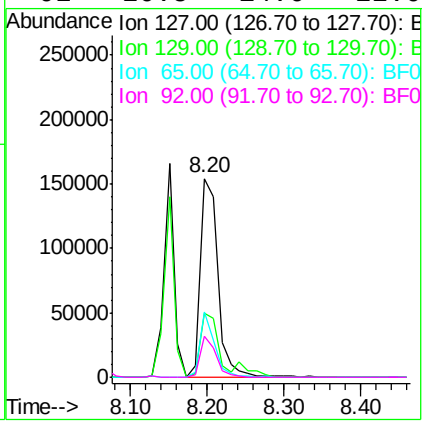




#33
4-Chloroaniline
Concen: 21.10 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:127 Resp: 243854

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	33.1	19.5	29.3#
92	20.5	14.6	22.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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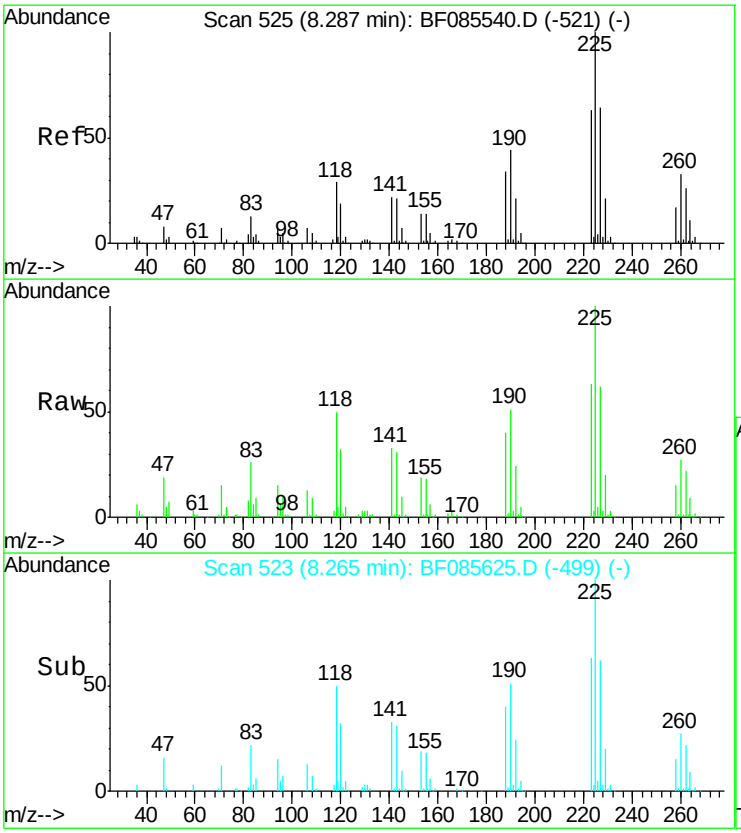
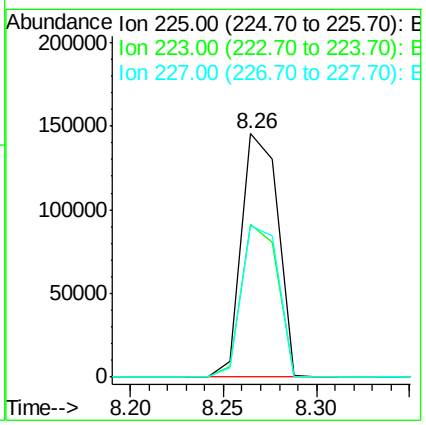
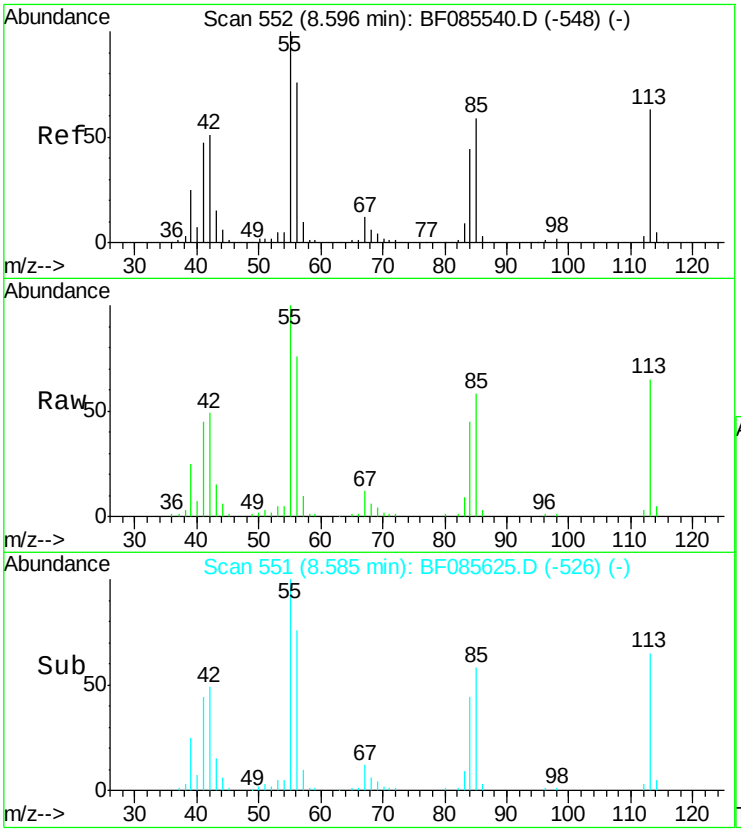


#34
Hexachlorobutadiene
Concen: 43.17 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:225 Resp: 195960

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6
227	62.3	51.4	77.2

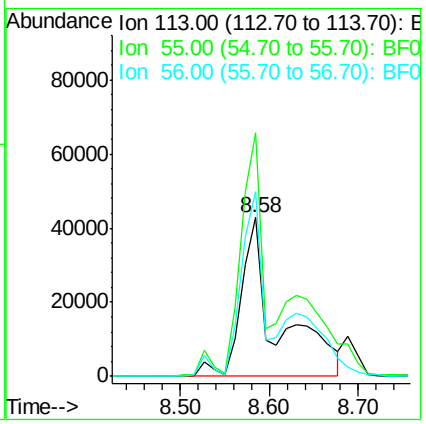




#35
Caprolactam
Concen: 45.78 ng m
RT: 8.58 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:113 Resp: 119769

Ion	Ratio	Lower	Upper
113	100		
55	153.3	139.4	179.4
56	116.1	100.4	140.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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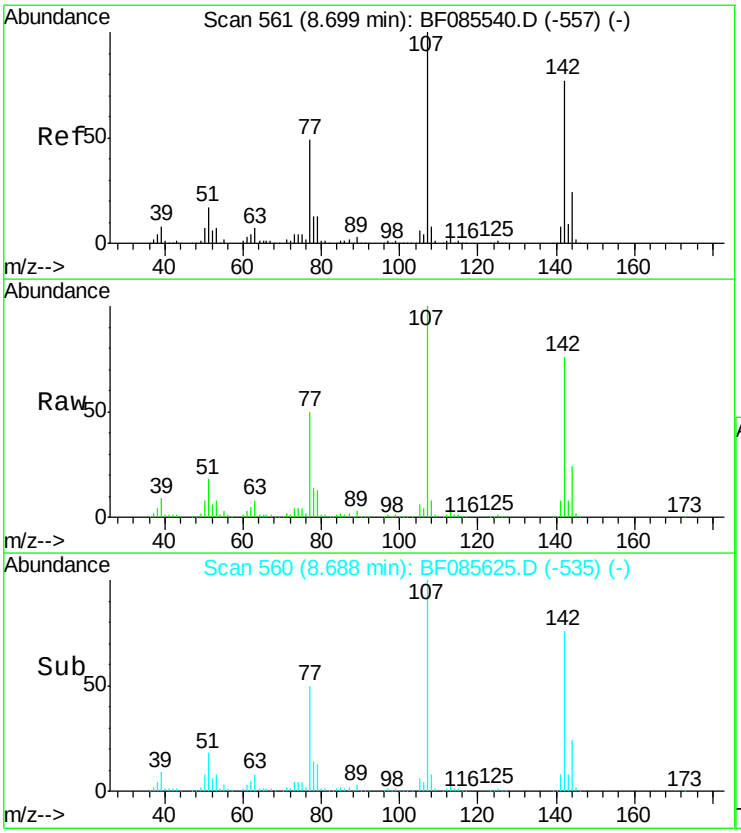
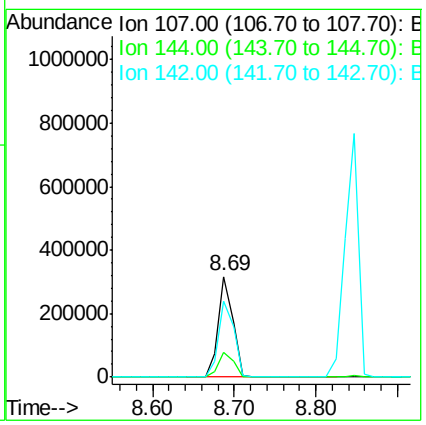
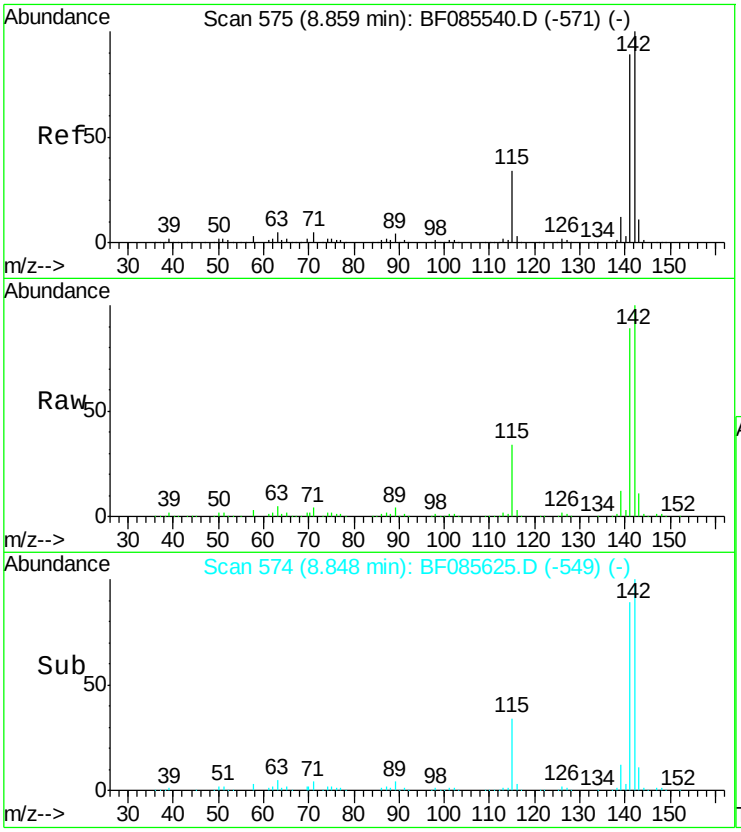


#36
4-Chloro-3-methylphenol
Concen: 44.49 ng
RT: 8.69 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:107 Resp: 395104

Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	75.7	61.4	92.0

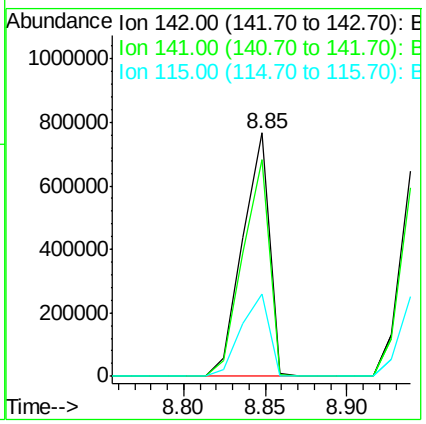




#37
2-Methylnaphthalene
Concen: 50.76 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:142 Resp: 872548

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	33.6	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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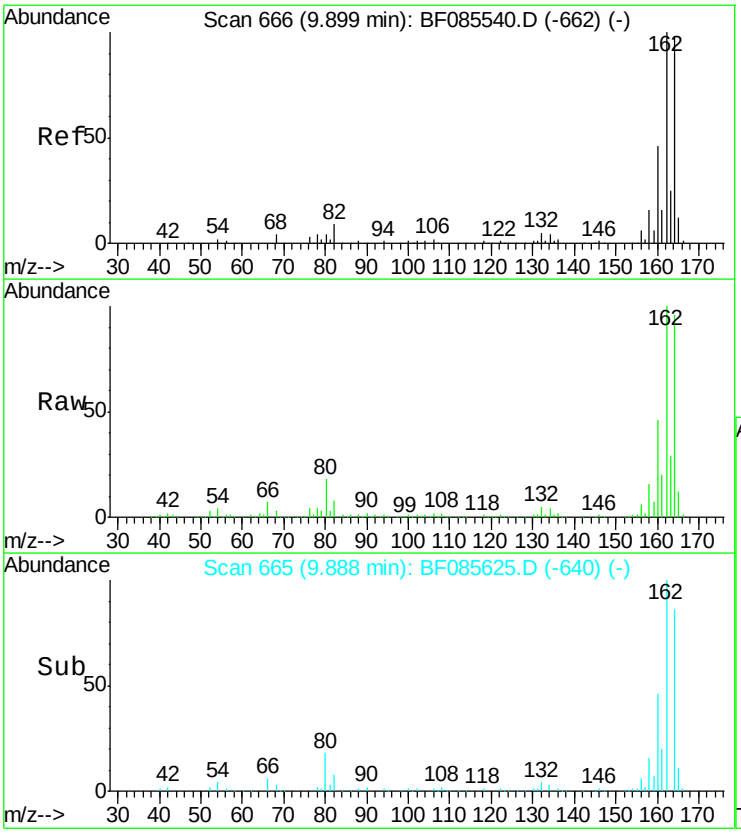
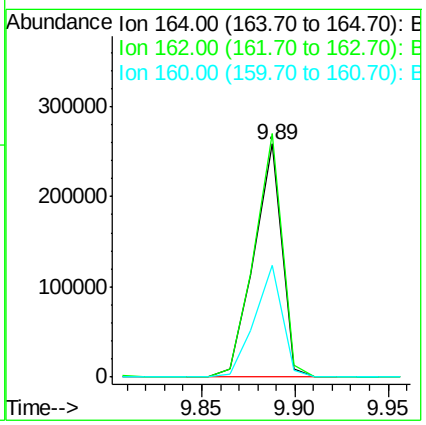
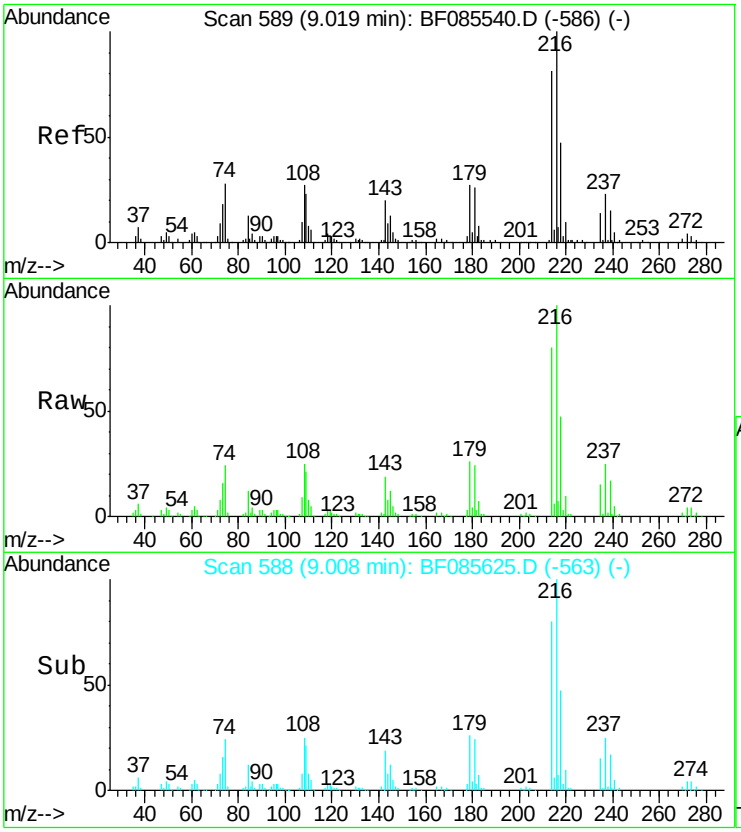


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:164 Resp: 266648

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	47.7	37.4	56.2

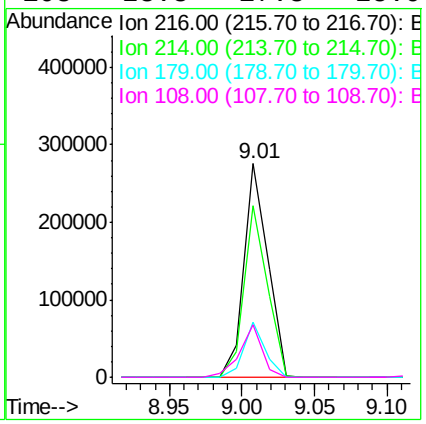




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.95 ng
RT: 9.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:216 Resp: 315066

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	22.9	18.2	27.2
108	23.3	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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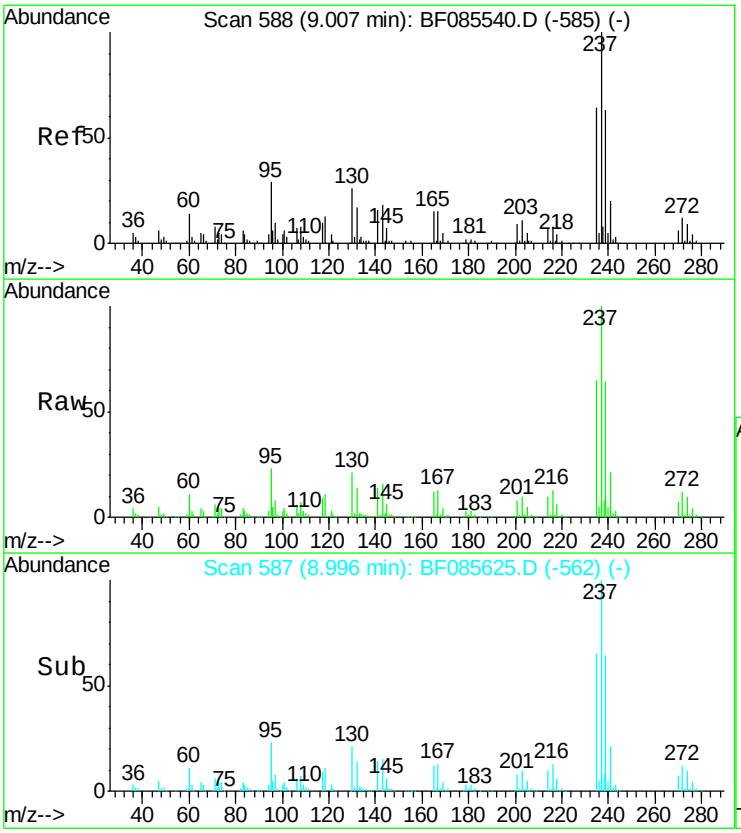
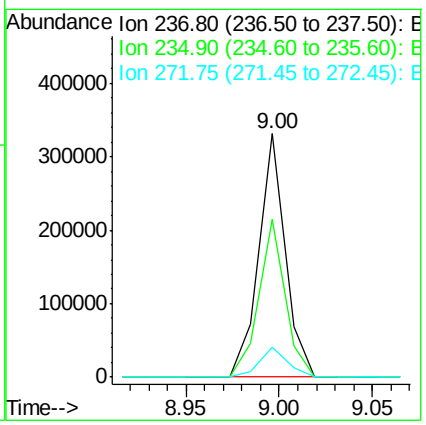
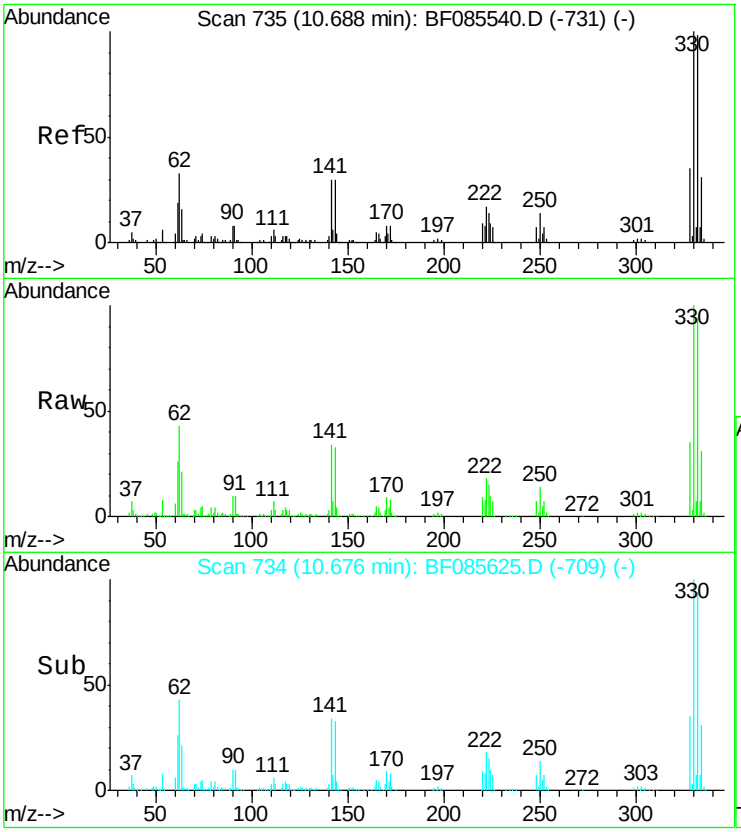


#40
Hexachlorocyclopentadiene
Concen: 89.13 ng
RT: 9.00 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:237 Resp: 324919

Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.7	83.7
272	12.3	0.0	31.9

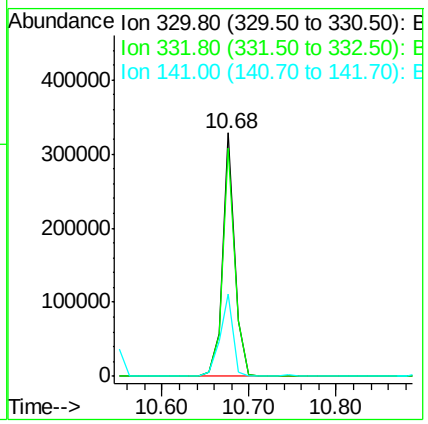




#41
2,4,6-Tribromophenol
Concen: 124.22 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:330 Resp: 324463

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.2
141	36.9	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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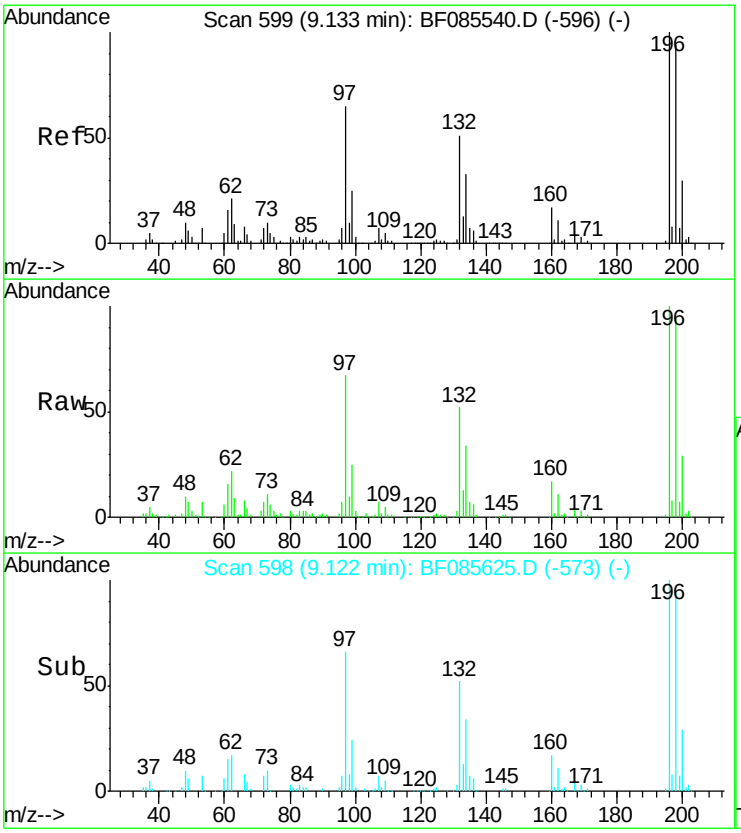
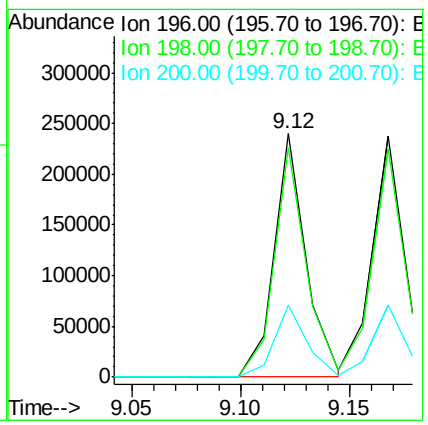
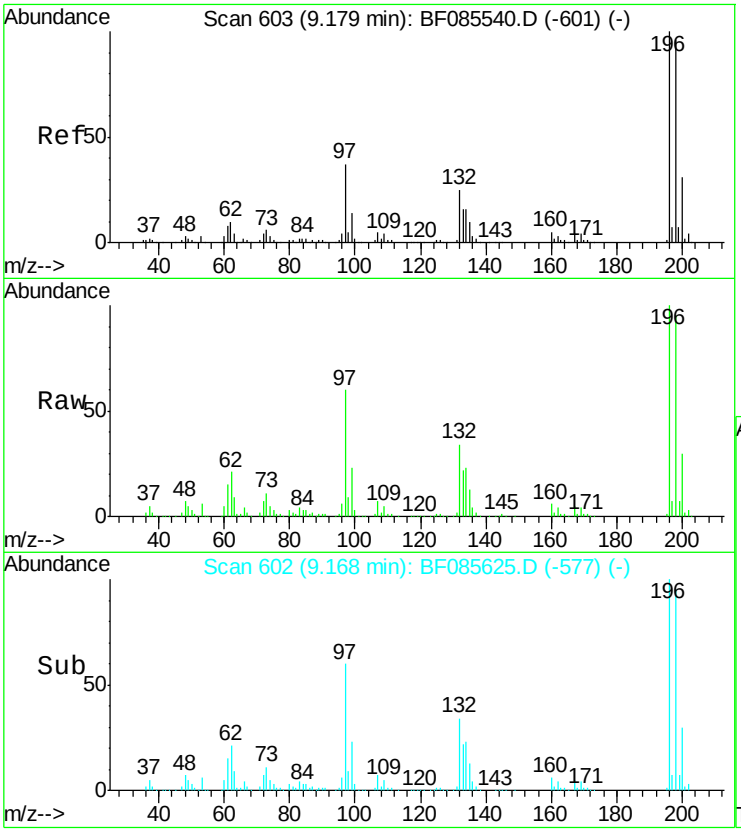


#42
2,4,6-Trichlorophenol
Concen: 44.54 ng
RT: 9.12 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:196 Resp: 246609

Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.3	112.9
200	29.4	23.7	35.5

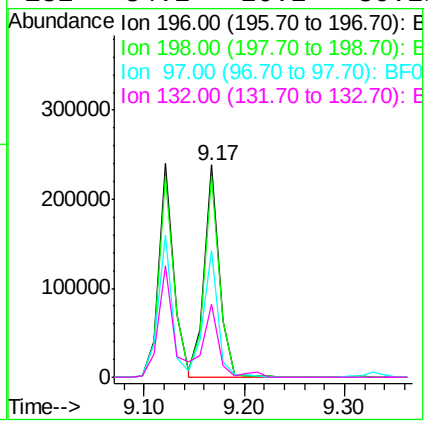




#43
2,4,5-Trichlorophenol
Concen: 44.07 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:196 Resp: 248349

Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.6	114.8
97	59.6	30.5	45.7#
132	34.2	20.2	30.2#



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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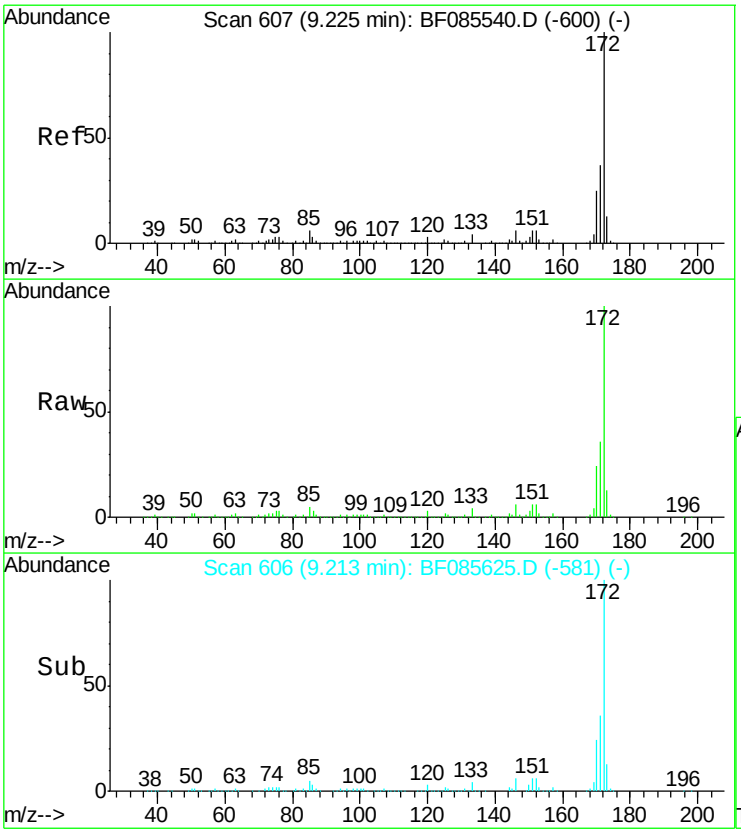
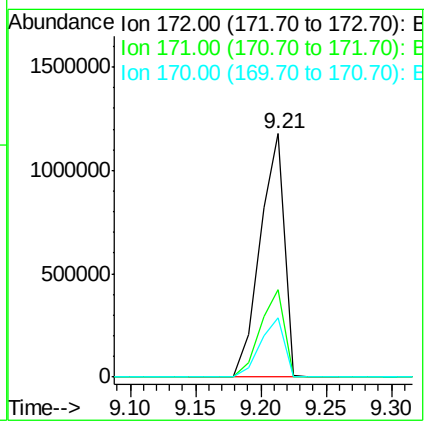
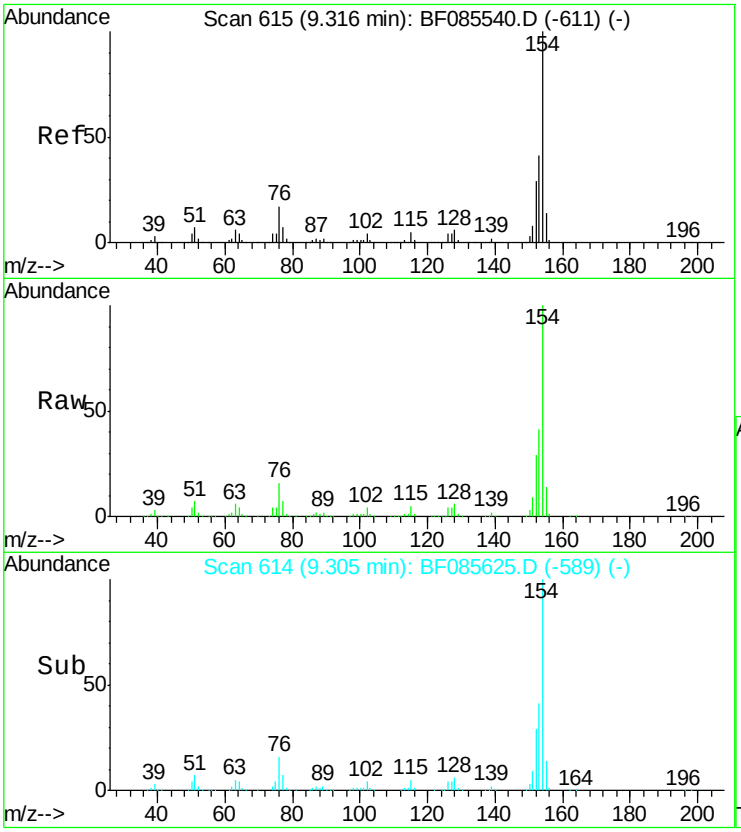


#44
2-Fluorobiphenyl
Concen: 102.31 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:172 Resp: 1518137

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.1	19.8	29.6

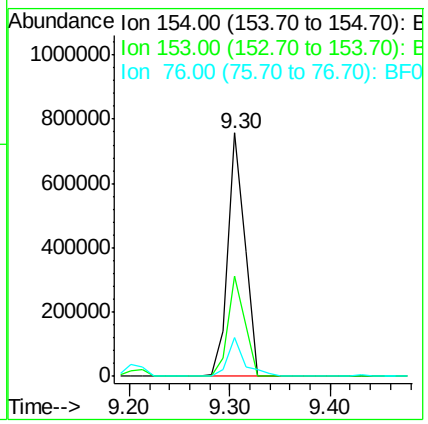




#45
1,1'-Biphenyl
Concen: 38.67 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:154 Resp: 889568

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	15.8	0.0	36.7



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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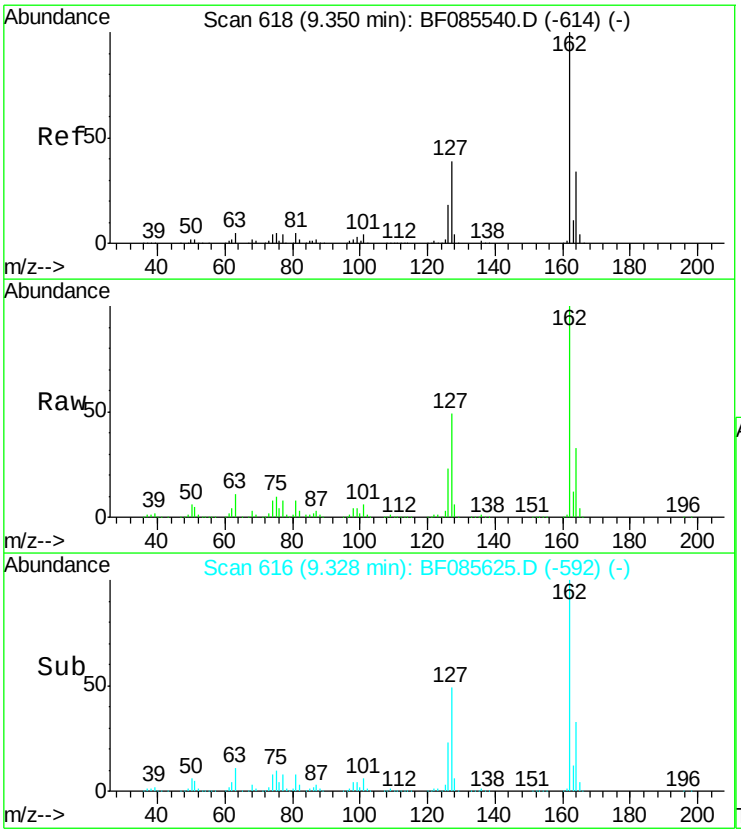
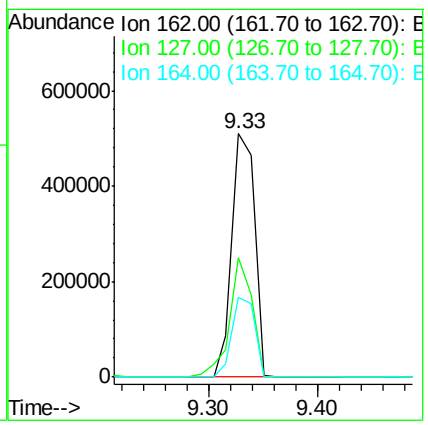
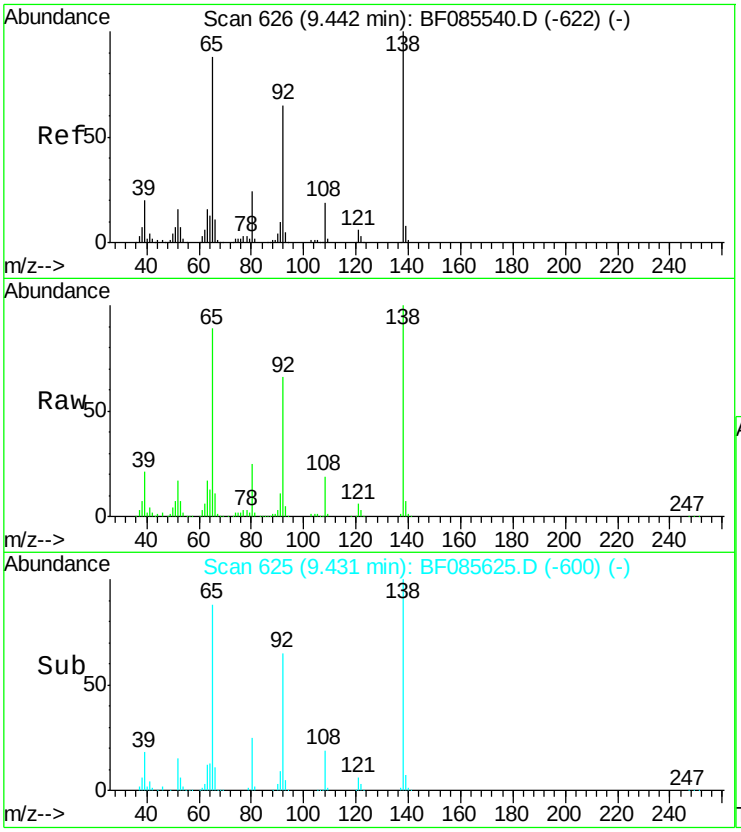


#46
2-Chloronaphthalene
Concen: 43.56 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:162 Resp: 731959

Ion	Ratio	Lower	Upper
162	100		
127	48.8	31.7	47.5#
164	32.8	27.3	40.9

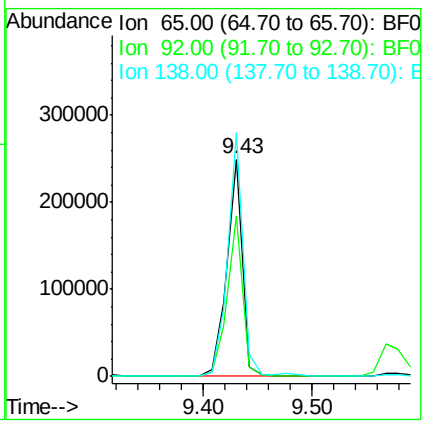




#47
2-Nitroaniline
Concen: 48.26 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 65 Resp: 245307

Ion	Ratio	Lower	Upper
65	100		
92	73.6	59.7	89.5
138	112.2	91.4	137.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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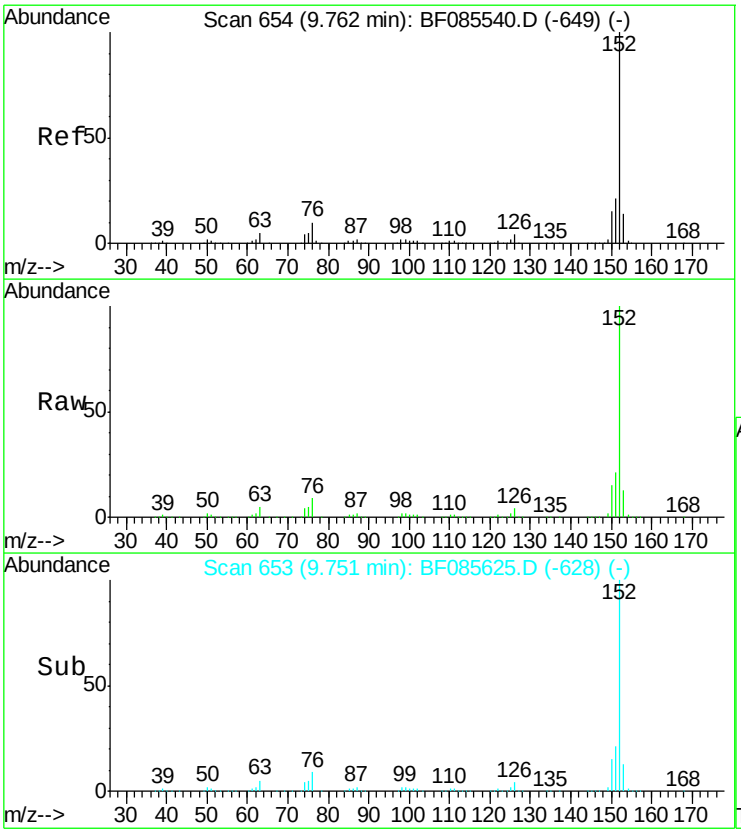
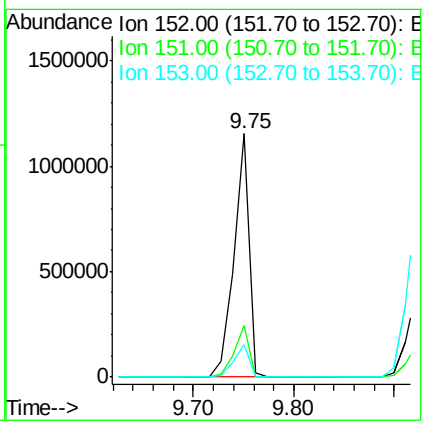
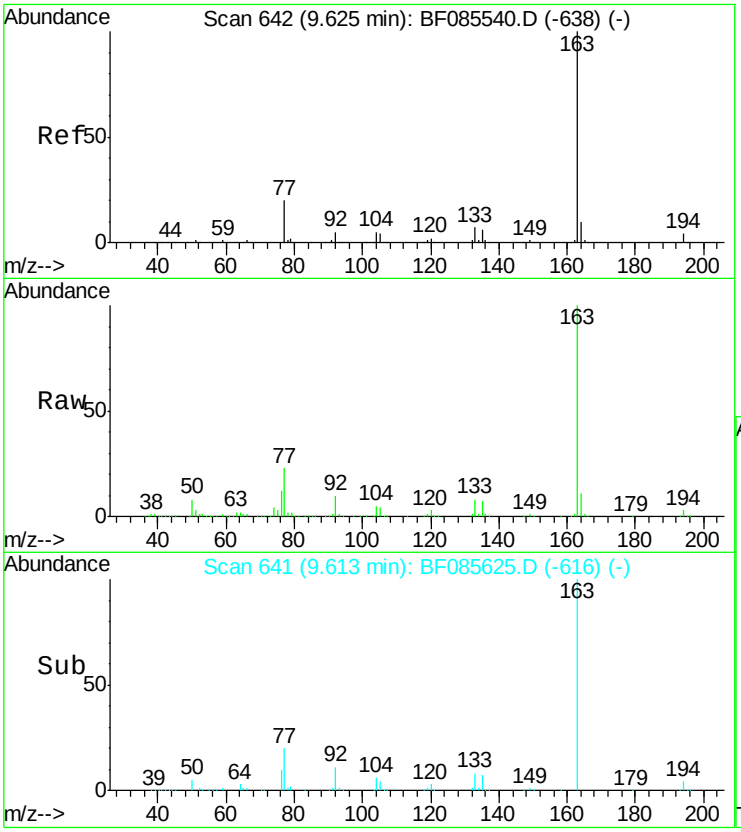


#48
Acenaphthylene
Concen: 43.88 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:152 Resp: 1193283

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.5	10.9	16.3

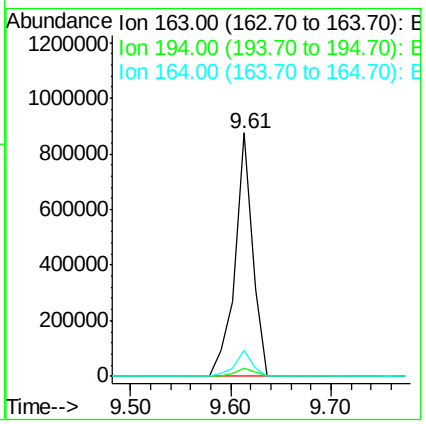




#49
Dimethylphthalate
Concen: 53.18 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:163 Resp: 1069973

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.7	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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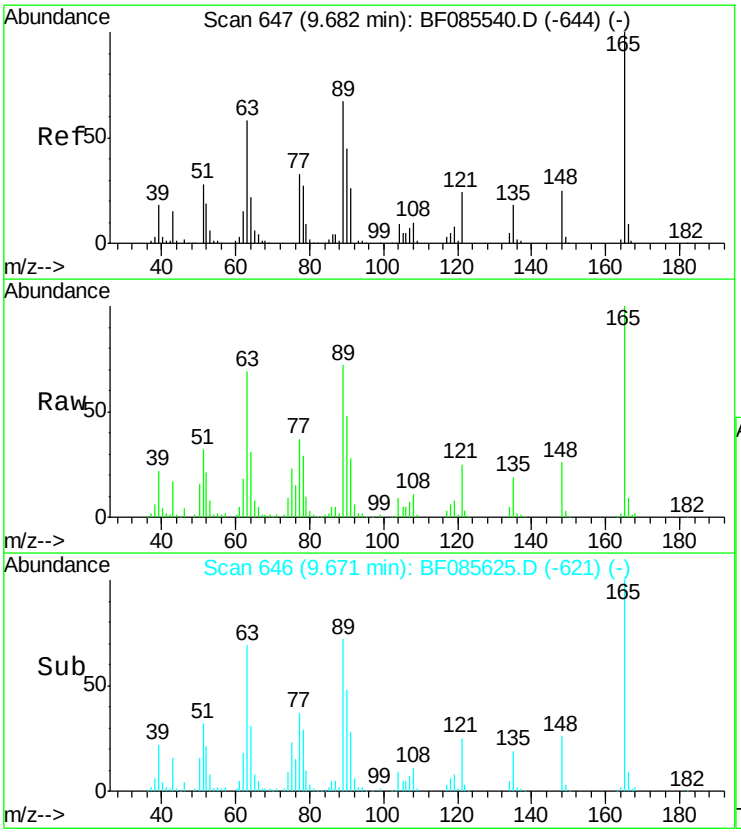
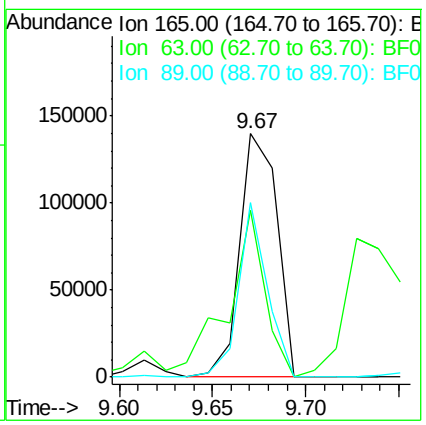
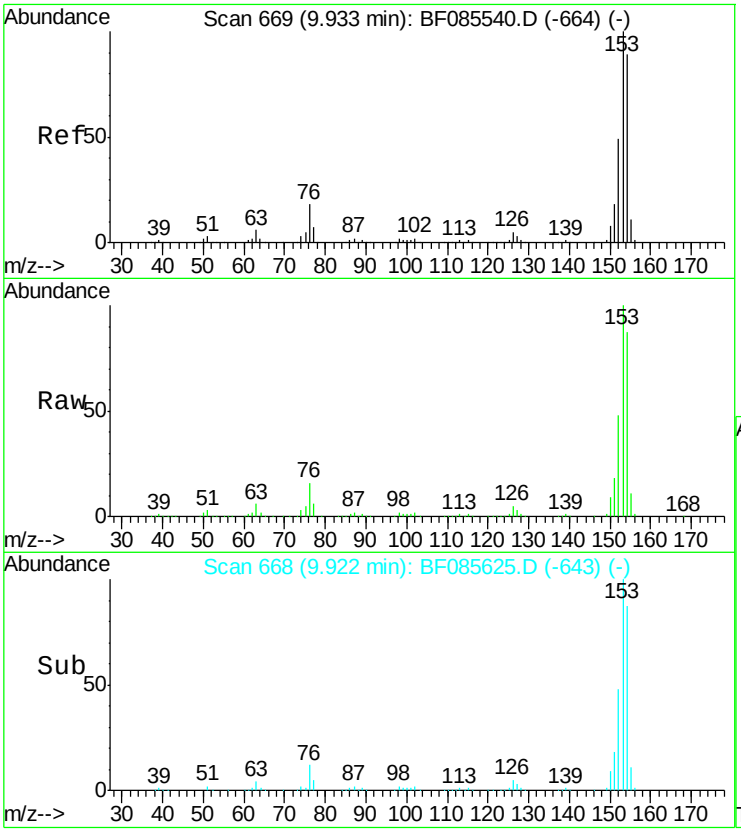


#50
2,6-Dinitrotoluene
Concen: 45.58 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:165 Resp: 193617

Ion	Ratio	Lower	Upper
165	100		
63	68.7	51.8	77.8
89	71.6	53.7	80.5

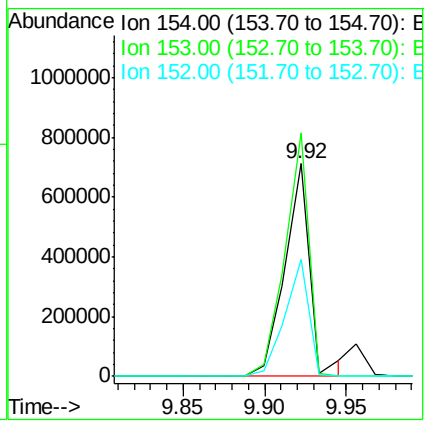




#51
Acenaphthene
Concen: 44.86 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:154 Resp: 765559

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.1	135.1
152	55.0	44.2	66.2



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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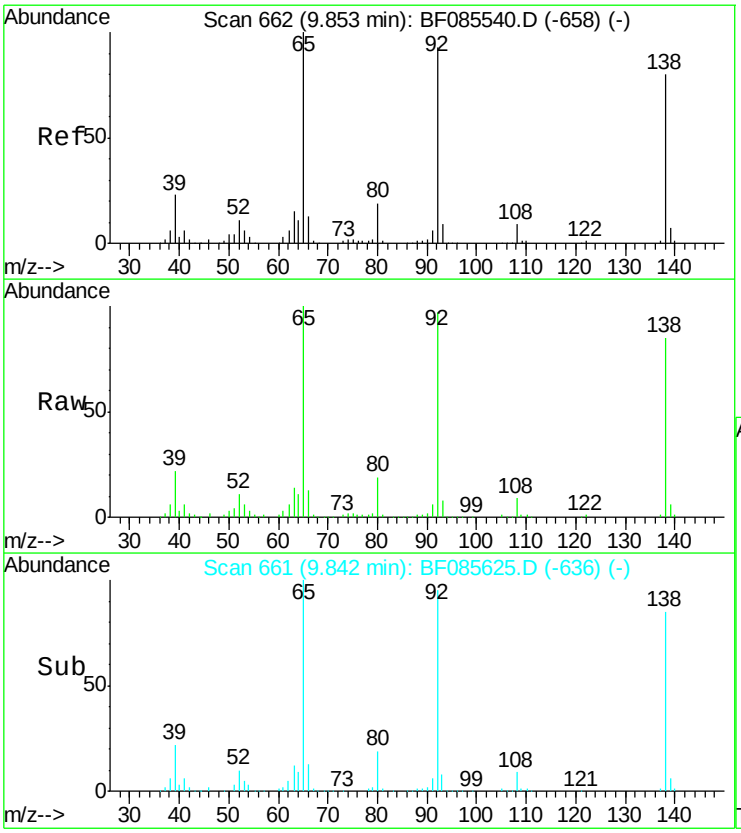
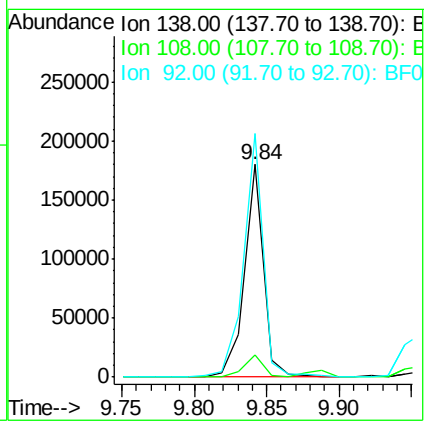
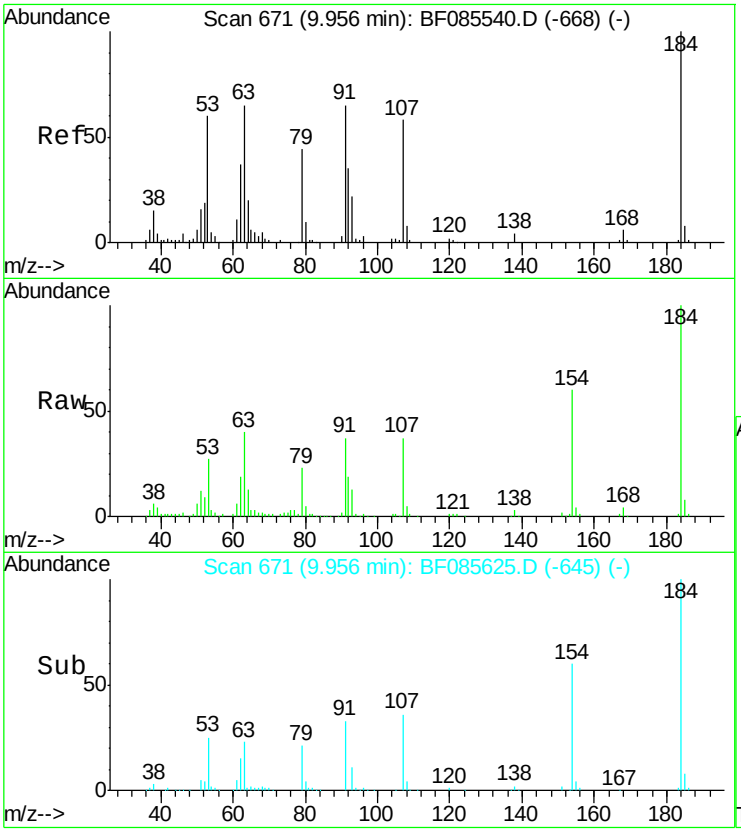


#52
3-Nitroaniline
Concen: 30.83 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:138 Resp: 164035

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	114.5	93.3	139.9

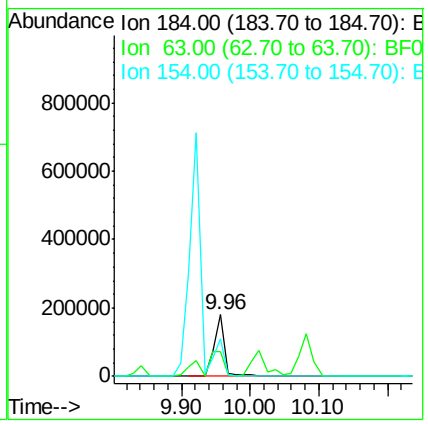




#53
2,4-Dinitrophenol
Concen: 73.85 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:184 Resp: 192171

Ion	Ratio	Lower	Upper
184	100		
63	40.2	69.5	104.3#
154	60.0	58.3	87.5



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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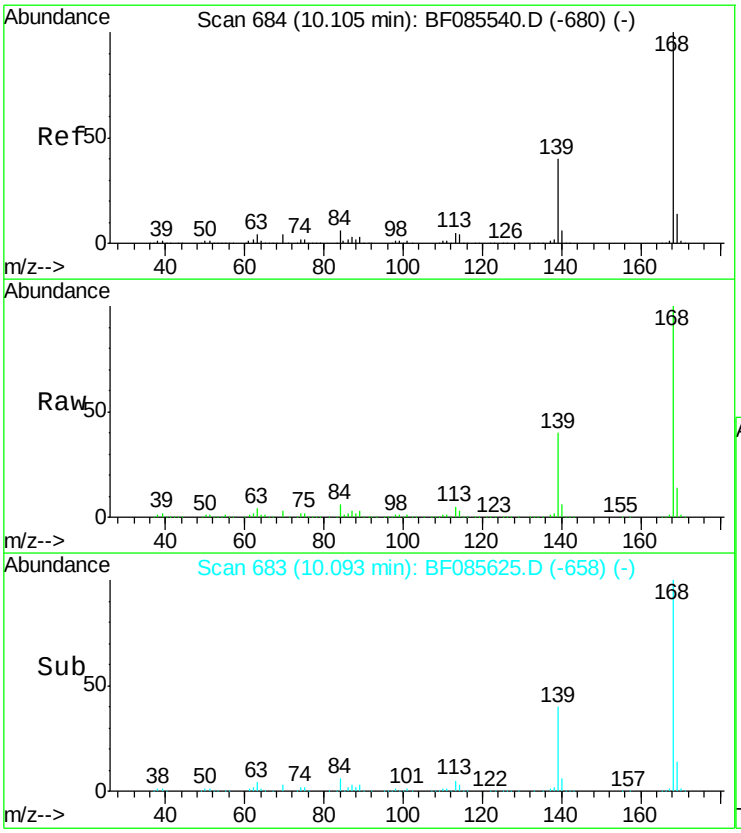
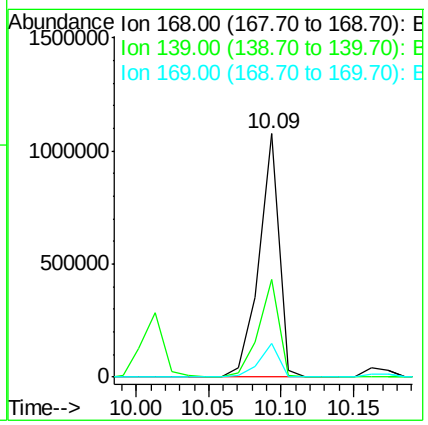
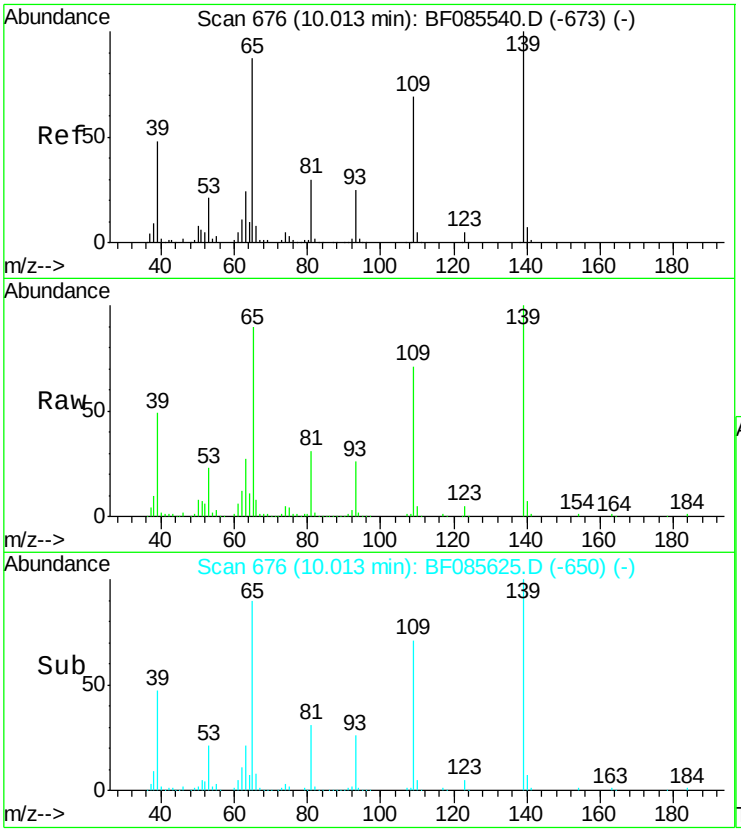


#54
Dibenzofuran
Concen: 49.60 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:168 Resp: 1030681

Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.9	47.9
169	13.6	11.0	16.6

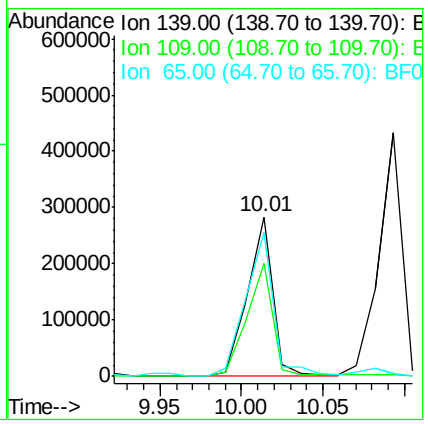




#55
4-Nitrophenol
Concen: 75.58 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:139 Resp: 310782

Ion	Ratio	Lower	Upper
139	100		
109	71.0	49.2	89.2
65	90.5	66.9	106.9



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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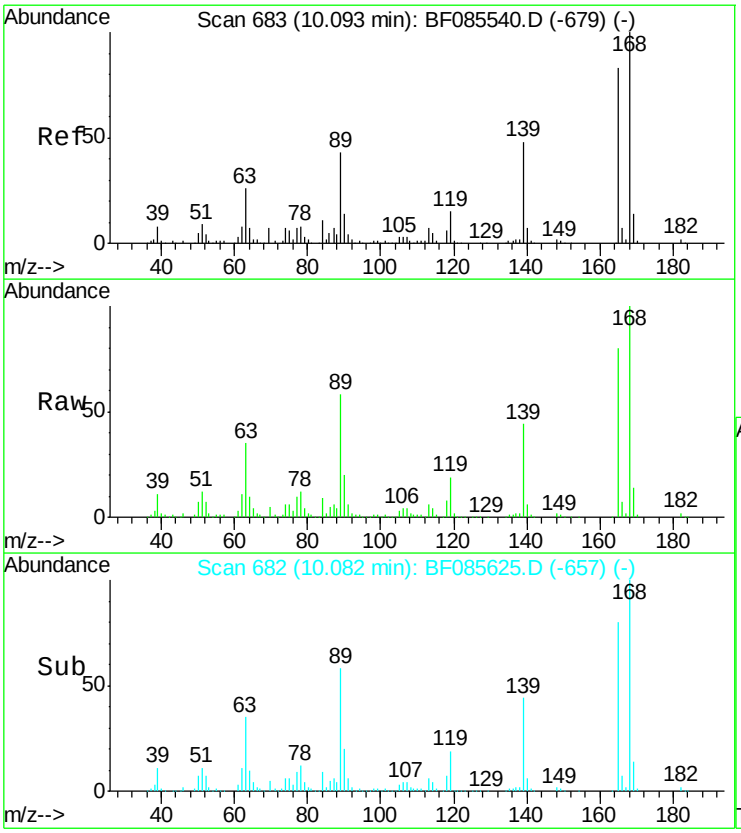
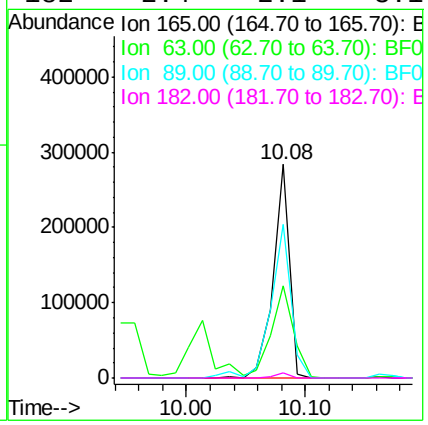
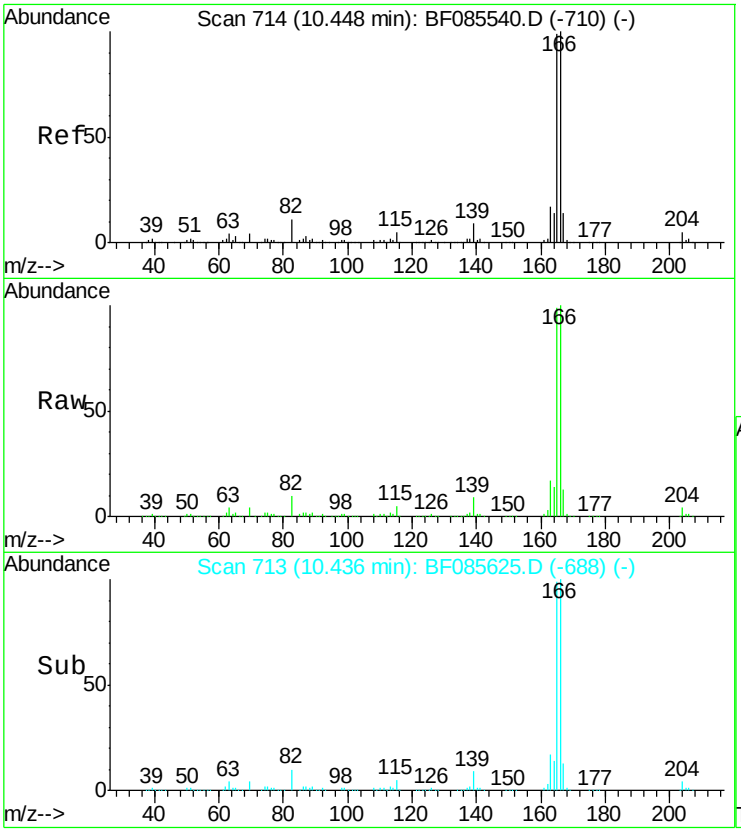


#56
2,4-Dinitrotoluene
Concen: 48.93 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:165 Resp: 272151

Ion	Ratio	Lower	Upper
165	100		
63	43.4	24.9	37.3#
89	72.1	41.0	61.6#
182	2.4	2.1	3.1

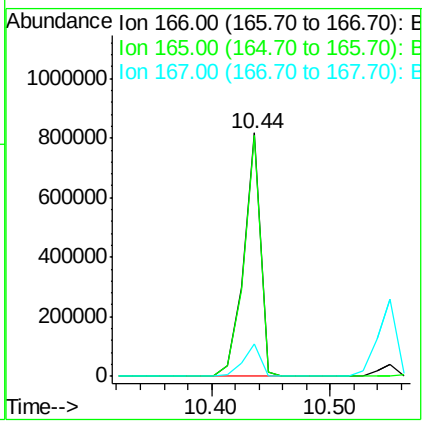




#57
Fluorene
Concen: 46.28 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:166 Resp: 801455

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.0
167	13.5	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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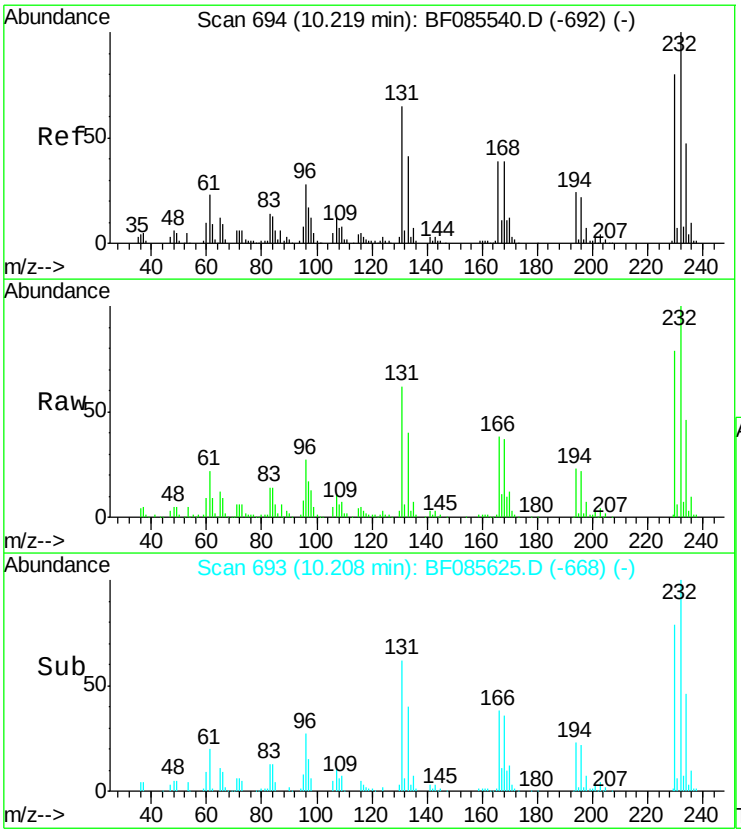
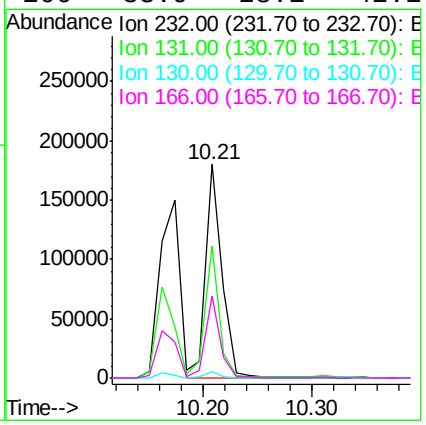
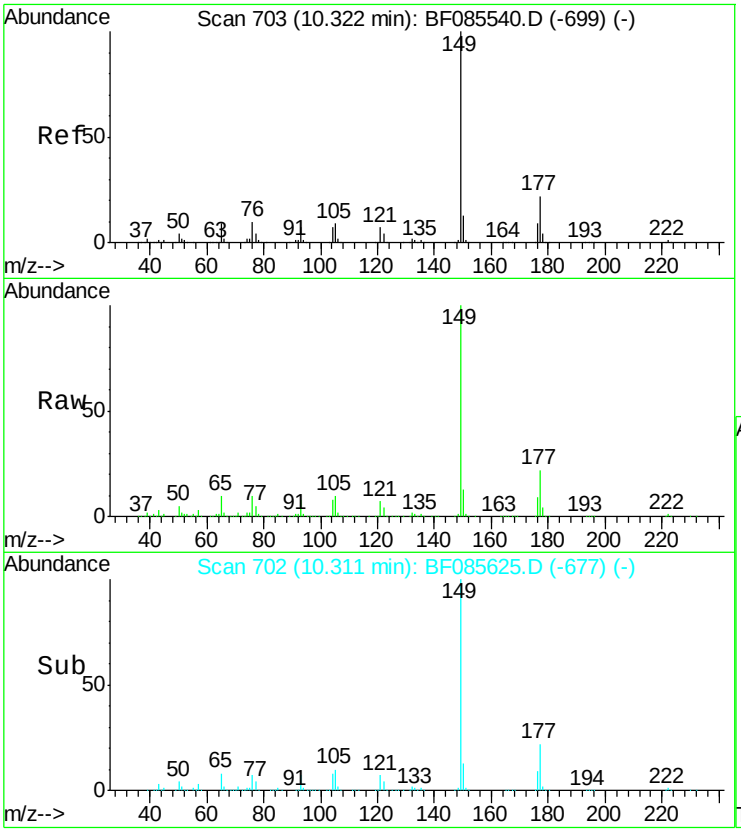


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.88 ng
RT: 10.21 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:232 Resp: 190208

Ion	Ratio	Lower	Upper
232	100		
131	54.1	44.9	67.3
130	2.7	2.3	3.5
166	33.9	28.1	42.1

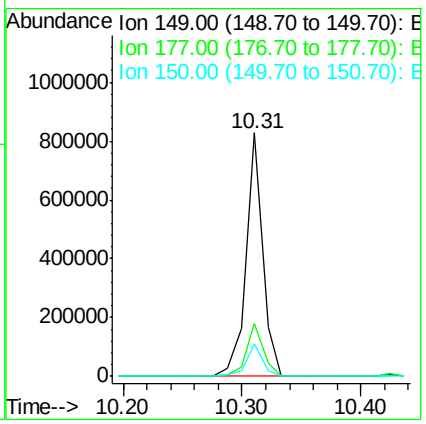




#59
Diethylphthalate
Concen: 40.88 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 817726

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	13.1	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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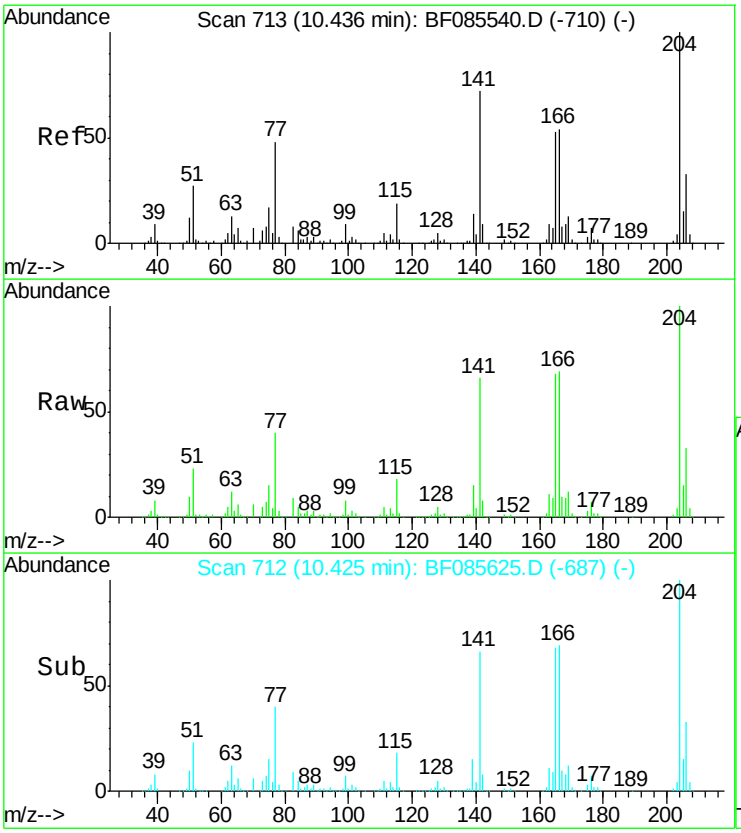
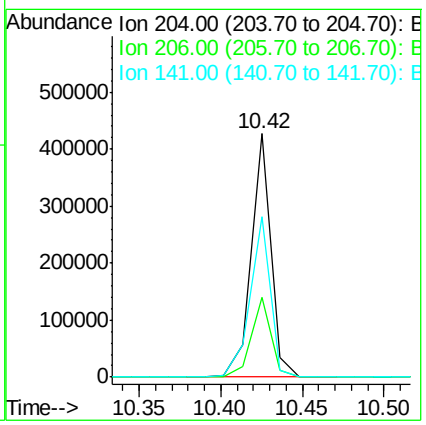
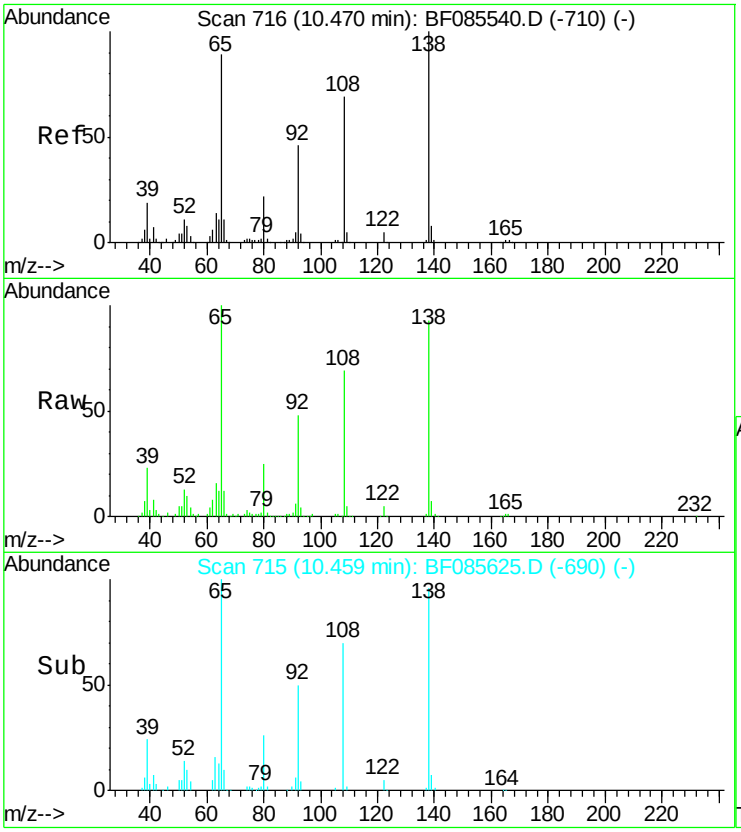


#60
4-Chlorophenyl-phenylether
Concen: 42.16 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:204 Resp: 356530

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	65.7	57.4	86.0

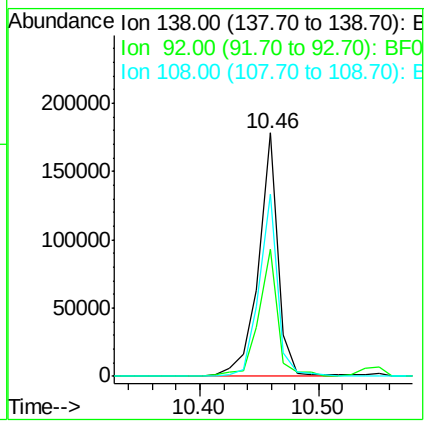




#61
4-Nitroaniline
Concen: 39.35 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:138 Resp: 206389

Ion	Ratio	Lower	Upper
138	100		
92	52.2	26.4	66.4
108	74.6	49.0	89.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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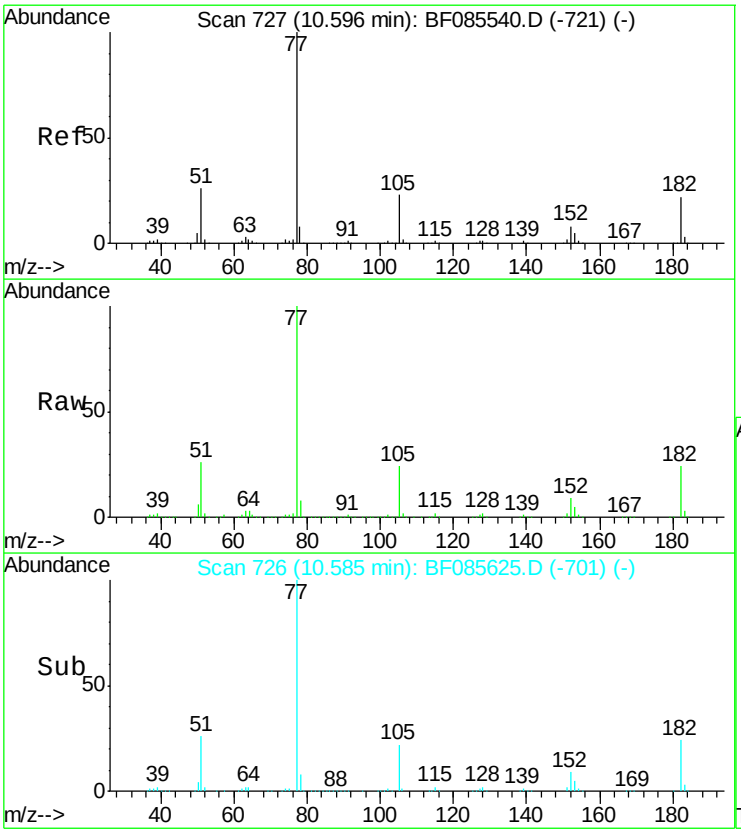
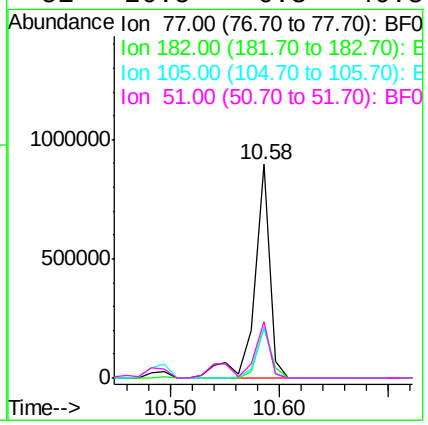
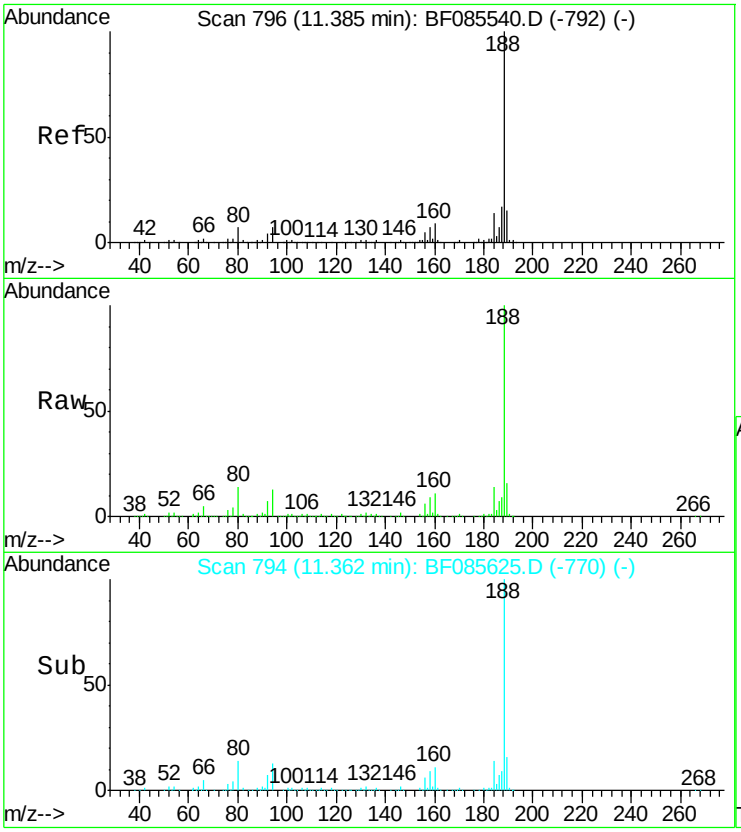


#62
Azobenzene
Concen: 46.68 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion: 77 Resp: 896191

Ion	Ratio	Lower	Upper
77	100		
182	23.5	1.9	41.9
105	24.1	3.5	43.5
51	26.5	6.3	46.3

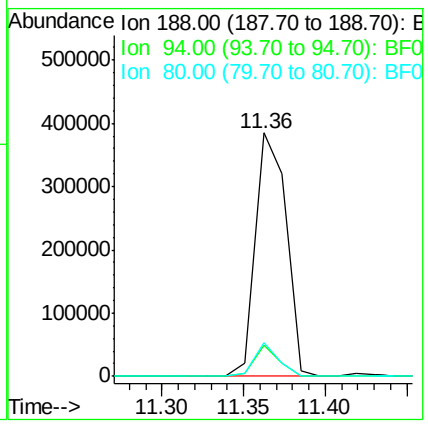




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:188 Resp: 505835

Ion	Ratio	Lower	Upper
188	100		
94	12.8	5.4	8.0#
80	13.8	5.5	8.3#



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
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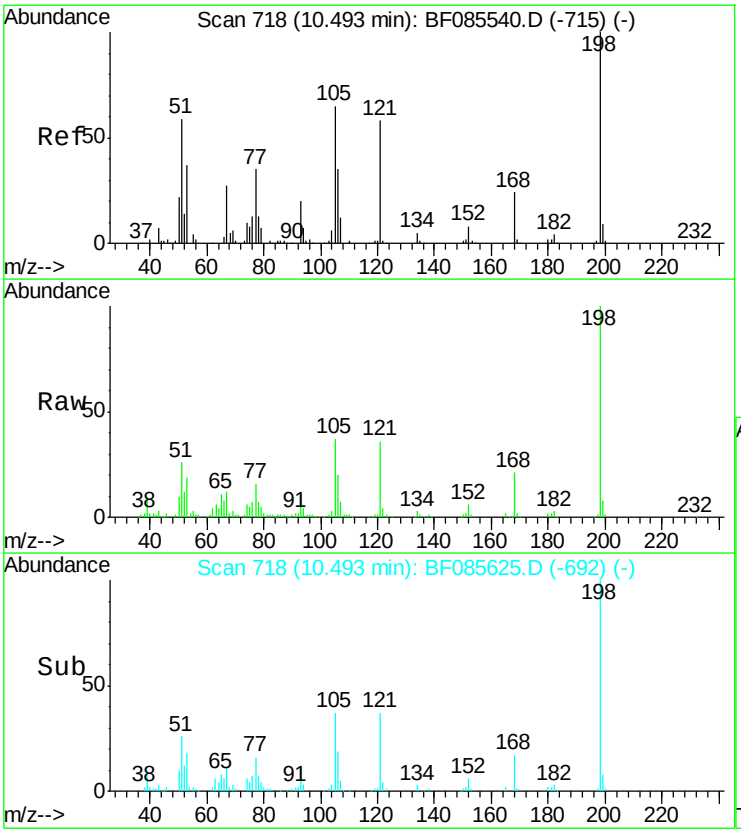
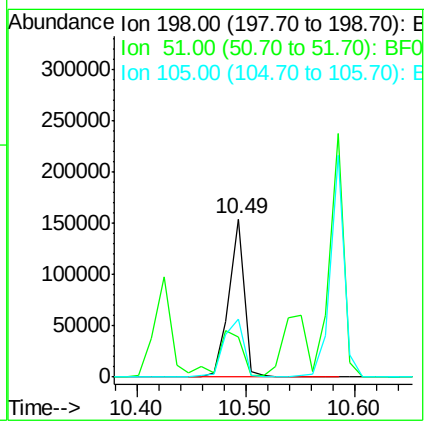
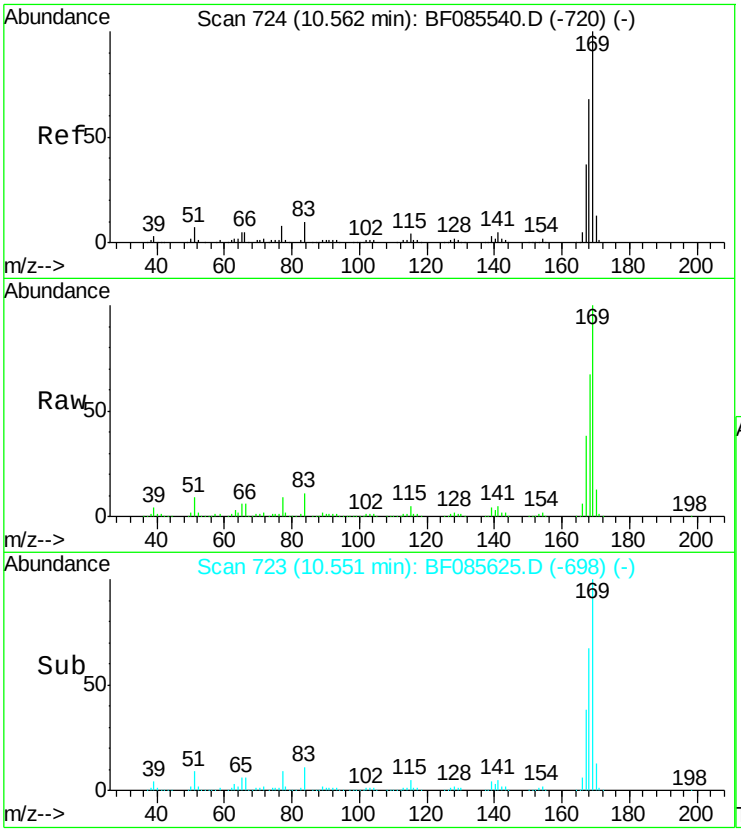


#64
4,6-Dinitro-2-methylphenol
Concen: 46.93 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:198 Resp: 151919

Ion	Ratio	Lower	Upper
198	100		
51	25.7	45.4	85.4#
105	36.9	45.9	85.9#

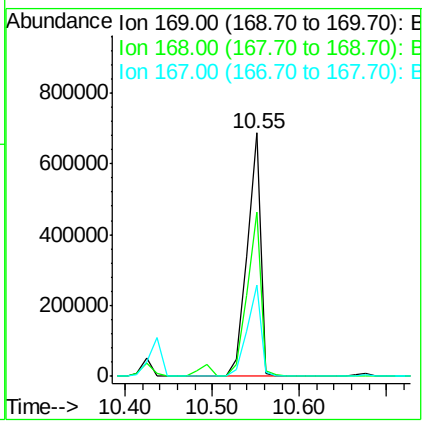




#65
n-Nitrosodiphenylamine
Concen: 47.56 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:169 Resp: 749339

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	37.7	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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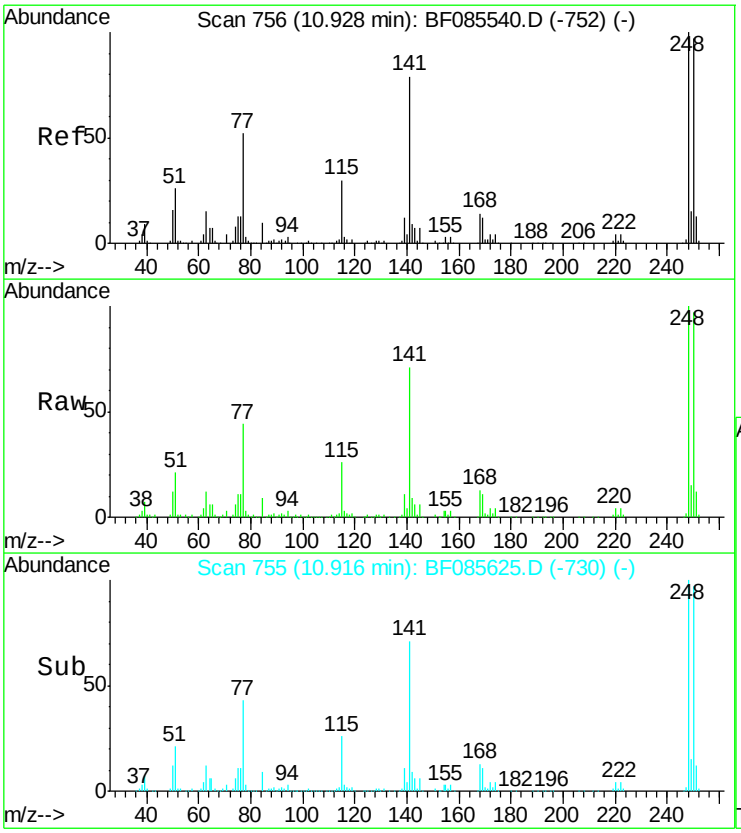
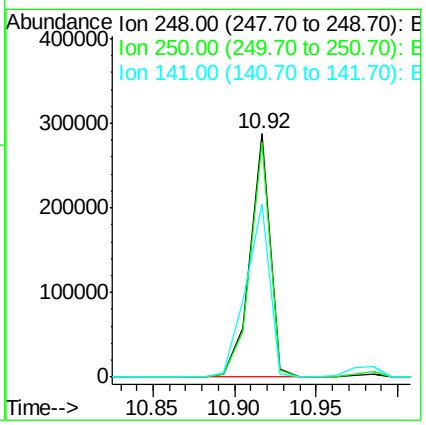
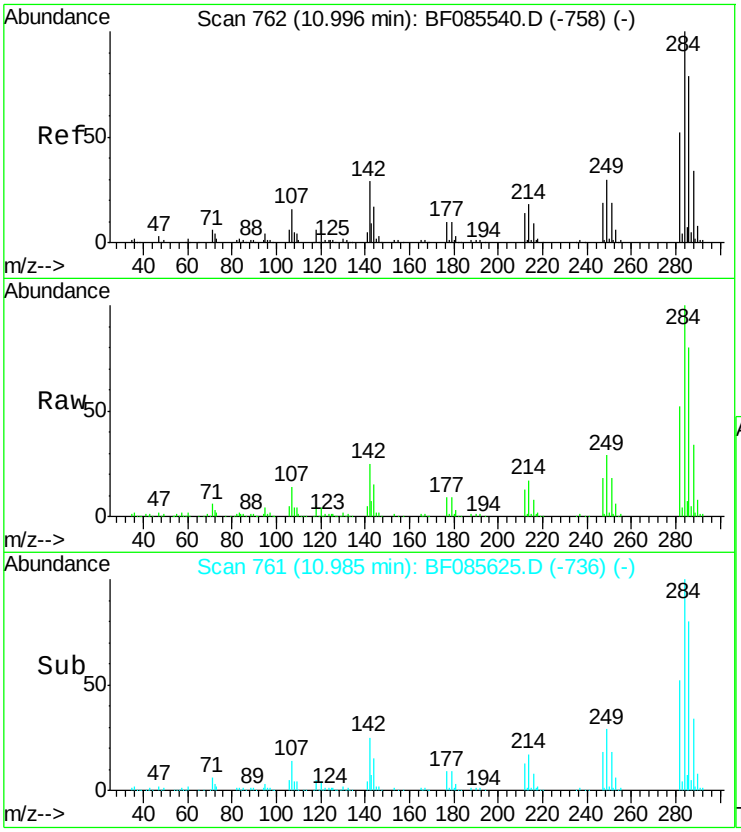


#66
4-Bromophenyl-phenylether
Concen: 48.70 ng
RT: 10.92 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:248 Resp: 246114

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.0
141	71.2	63.6	95.4

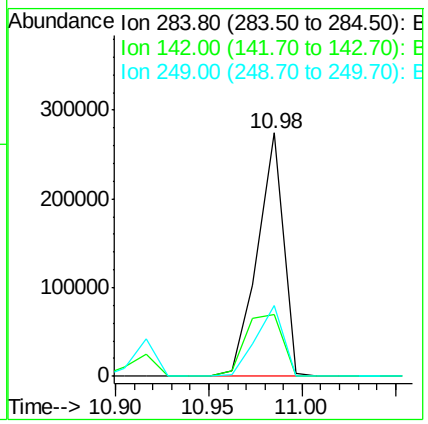




#67
Hexachlorobenzene
Concen: 49.48 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:284 Resp: 265647

Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.1	34.7
249	29.2	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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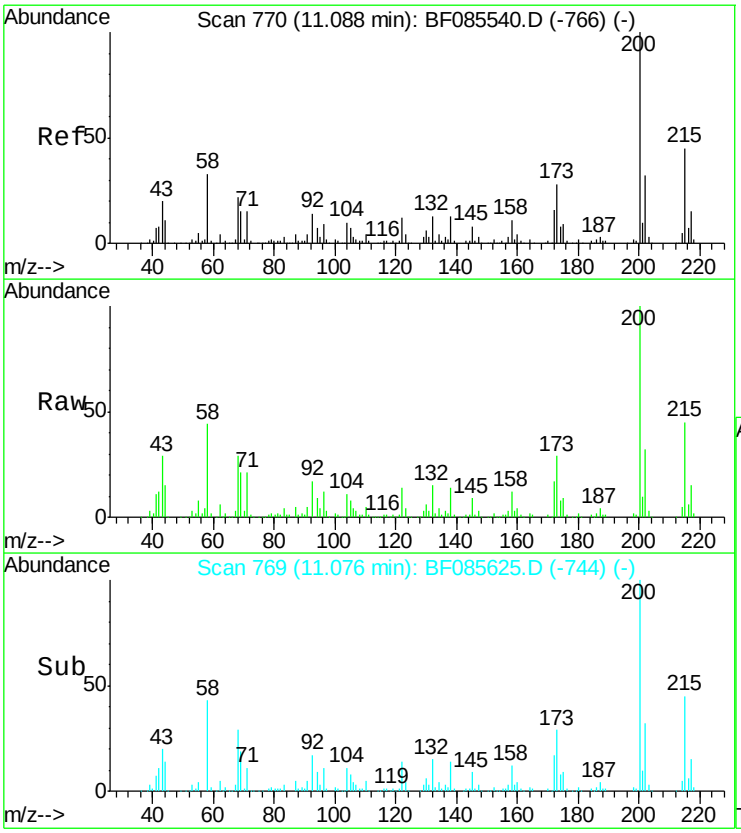
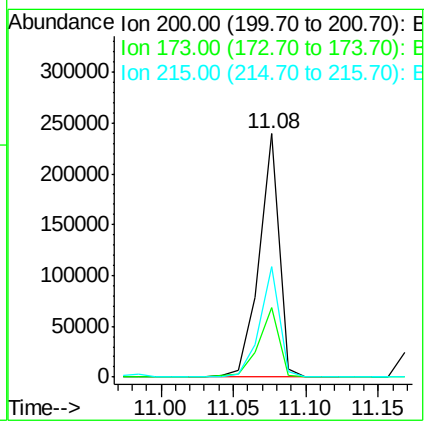
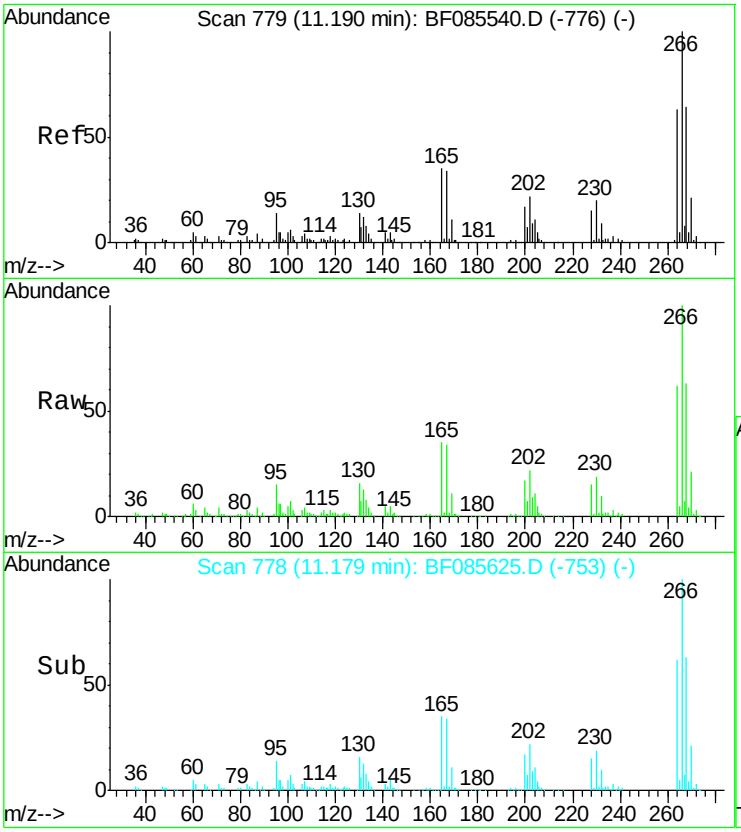


#68
Atrazine
Concen: 47.86 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:200 Resp: 229576

Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.7	47.7
215	45.3	25.4	65.4

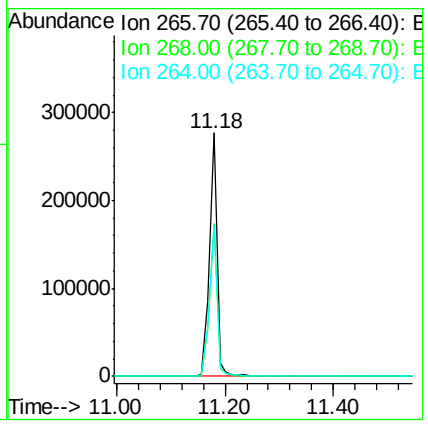




#69
Pentachlorophenol
Concen: 83.49 ng
RT: 11.18 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:266 Resp: 272124

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.5	77.3
264	62.2	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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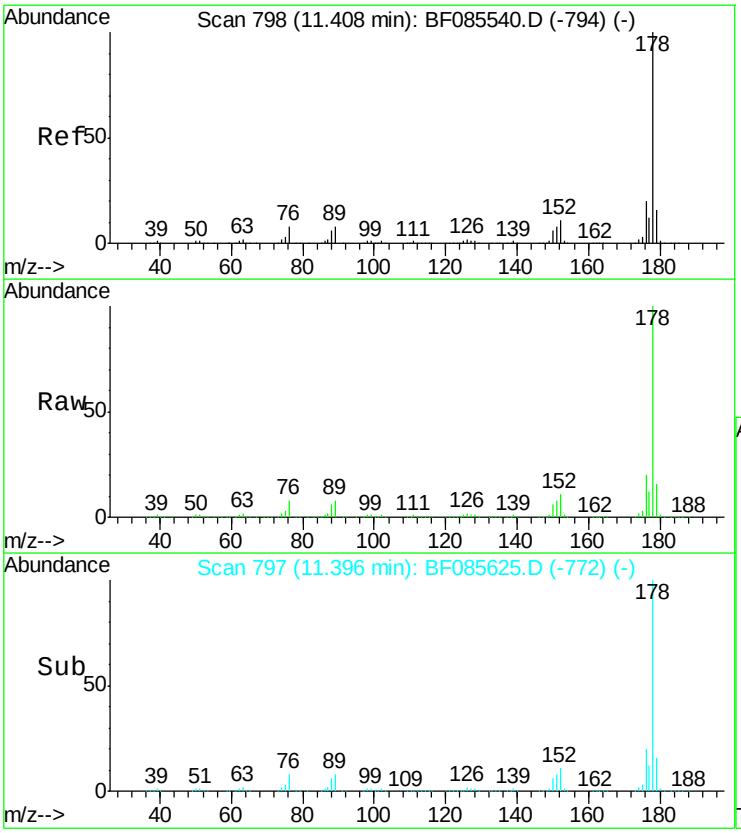
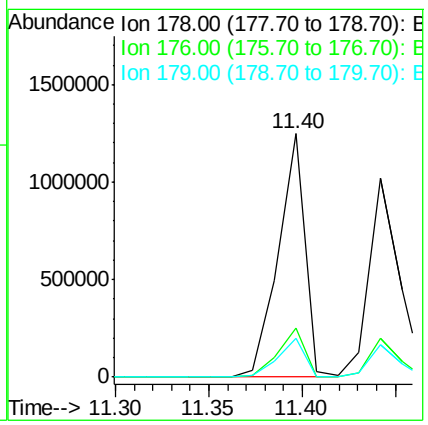
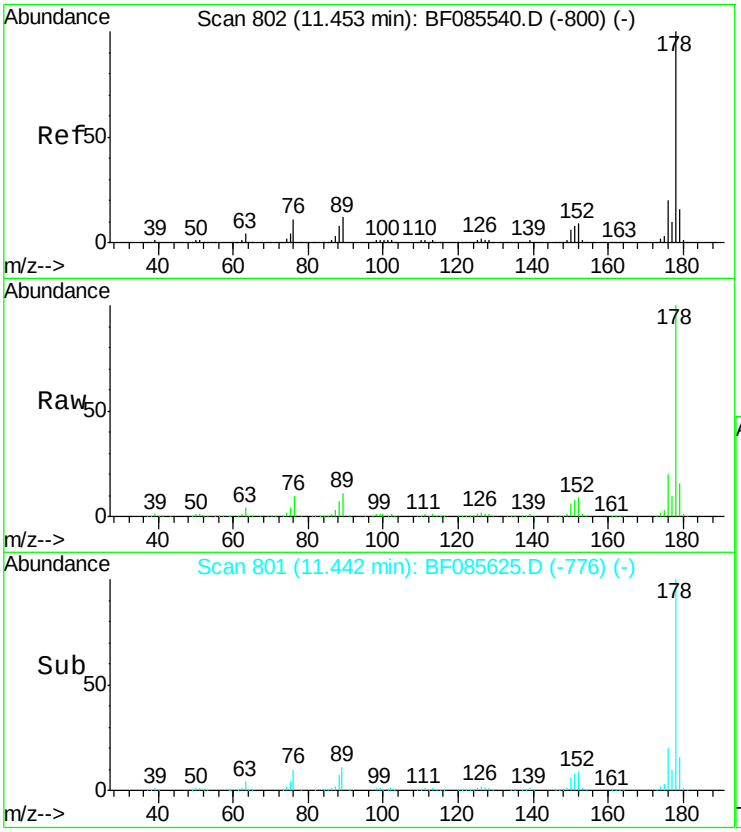


#70
Phenanthrene
Concen: 46.54 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:178 Resp: 1241196

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.8	12.6	18.8

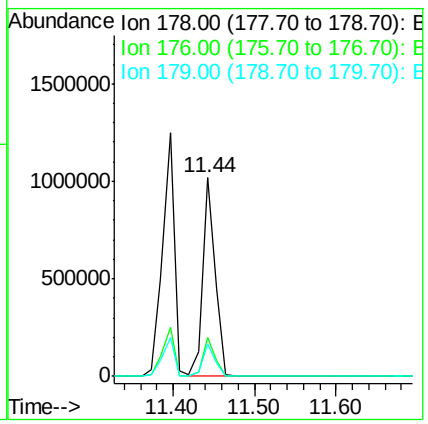




#71
Anthracene
Concen: 39.51 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:178 Resp: 1104800

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.2	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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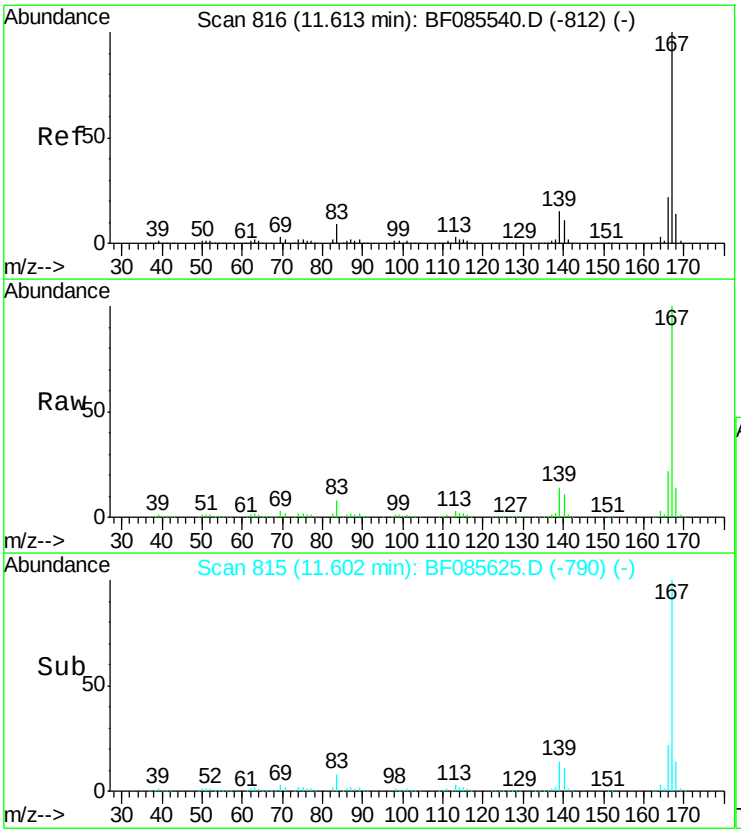
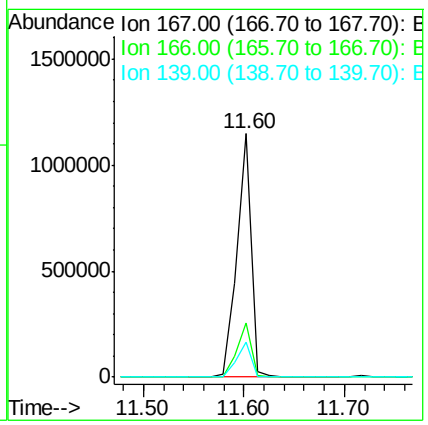
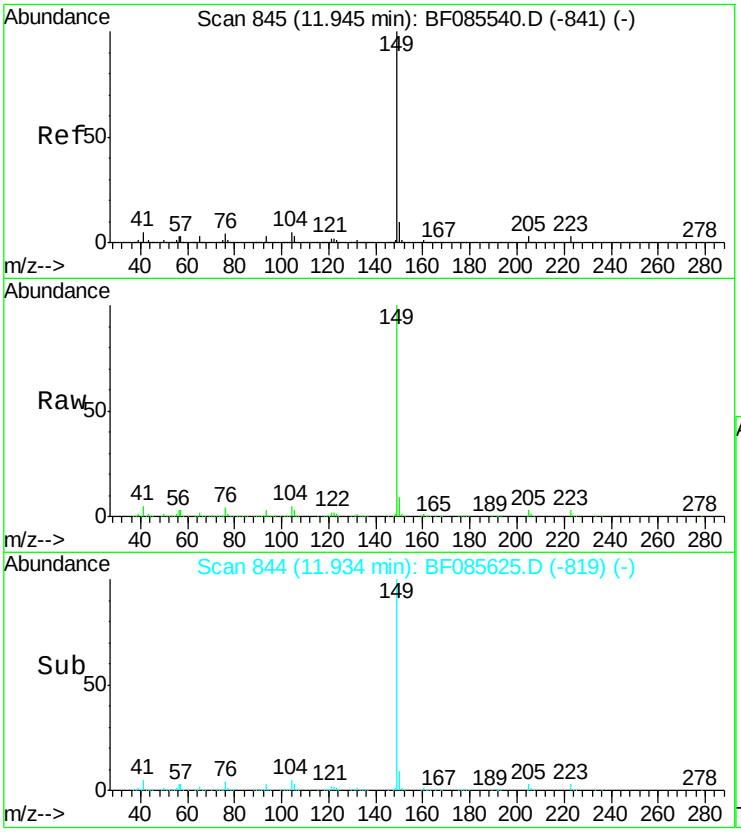


#72
Carbazole
Concen: 46.93 ng
RT: 11.60 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:167 Resp: 1132231

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	14.3	11.6	17.4

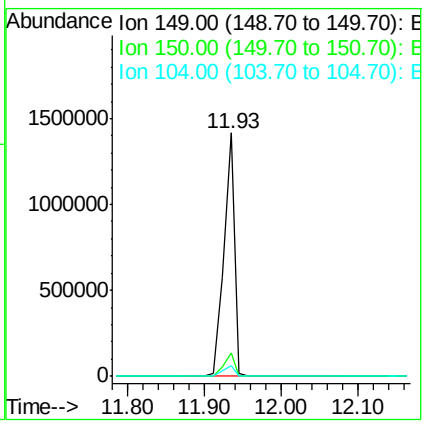




#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 11.93 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 1396753

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.5	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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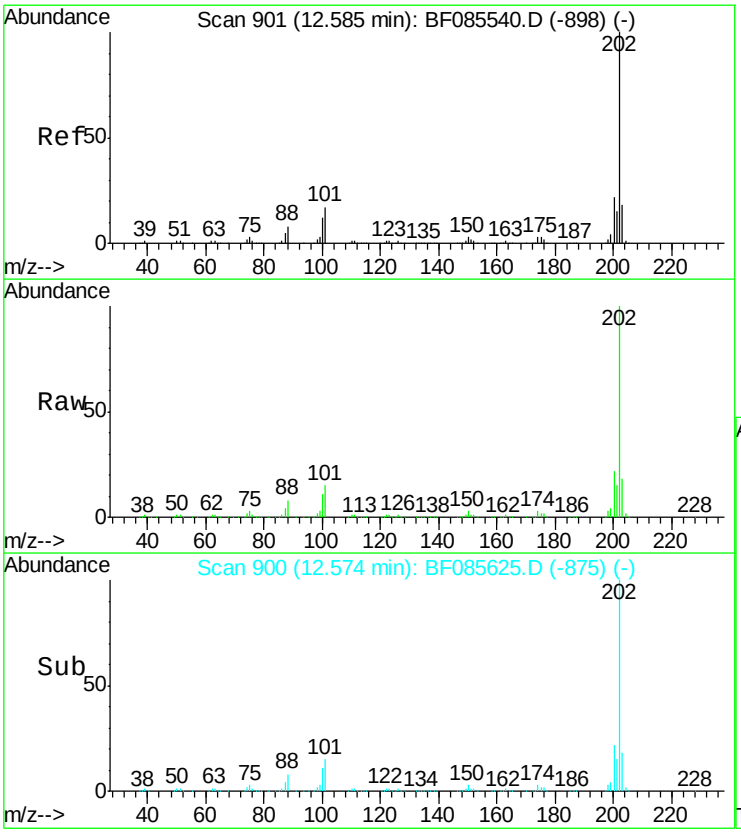
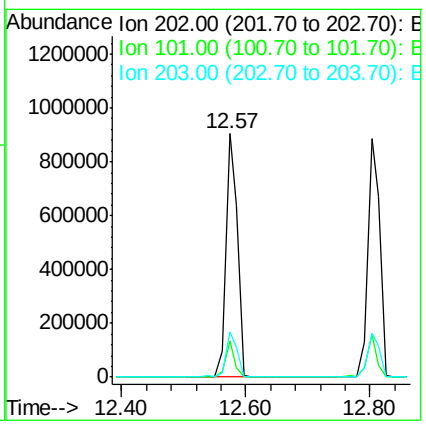
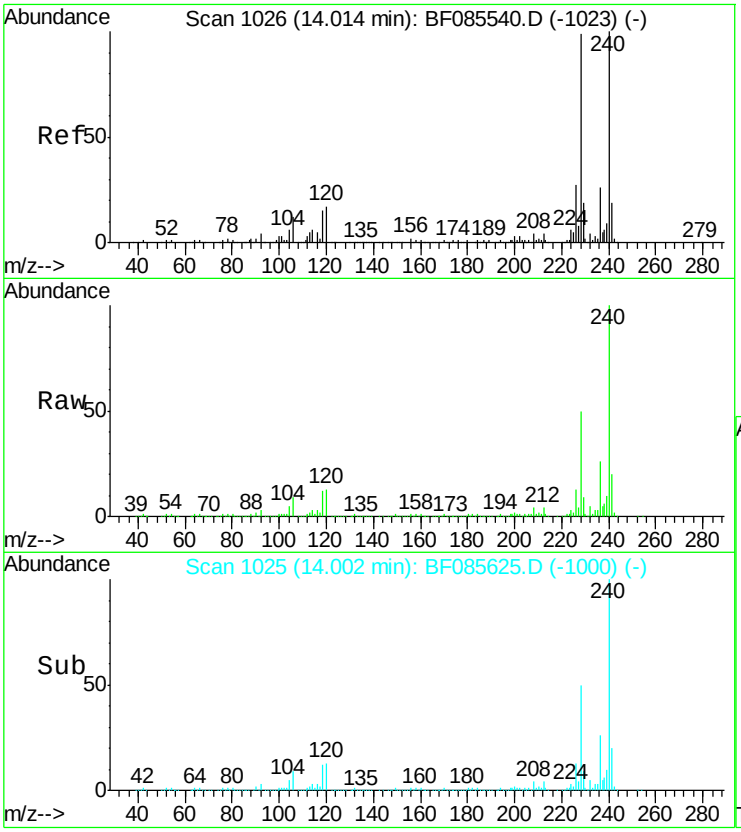


#74
Fluoranthene
Concen: 40.87 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:202 Resp: 1141386

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	36.6
203	18.3	0.0	38.1

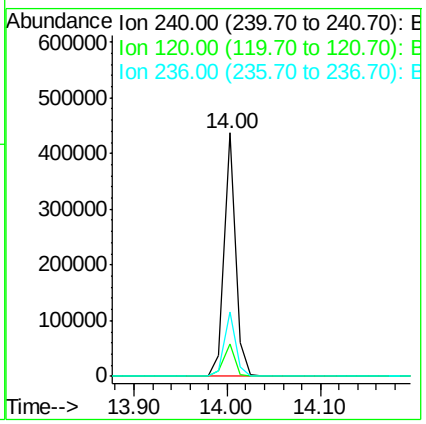




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:240 Resp: 372419

Ion	Ratio	Lower	Upper
240	100		
120	13.4	13.8	20.8#
236	26.4	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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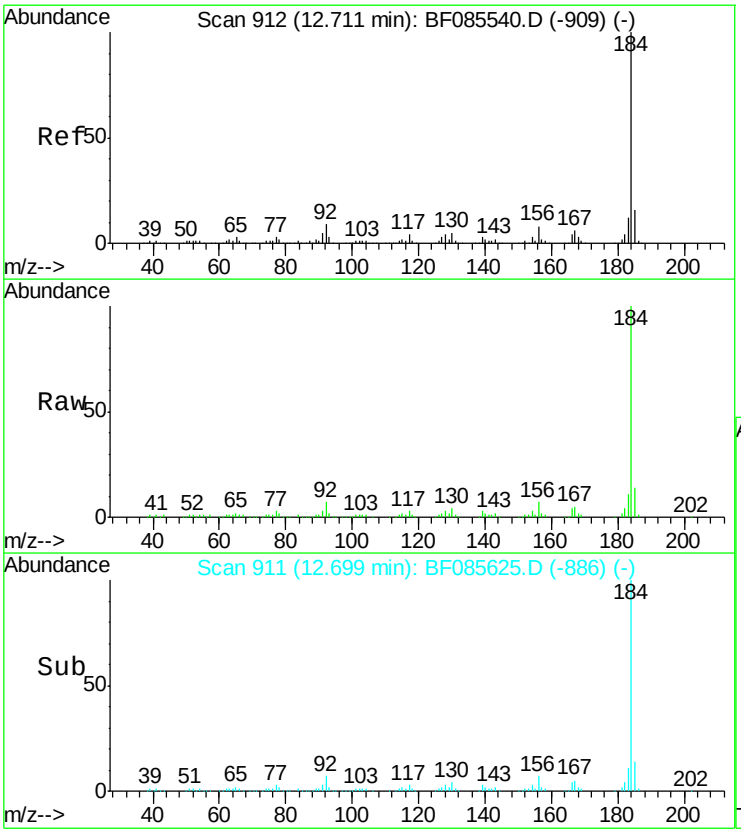
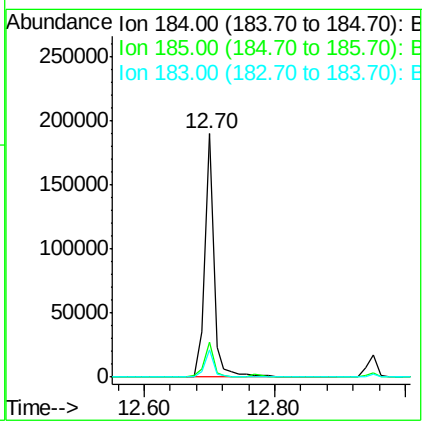
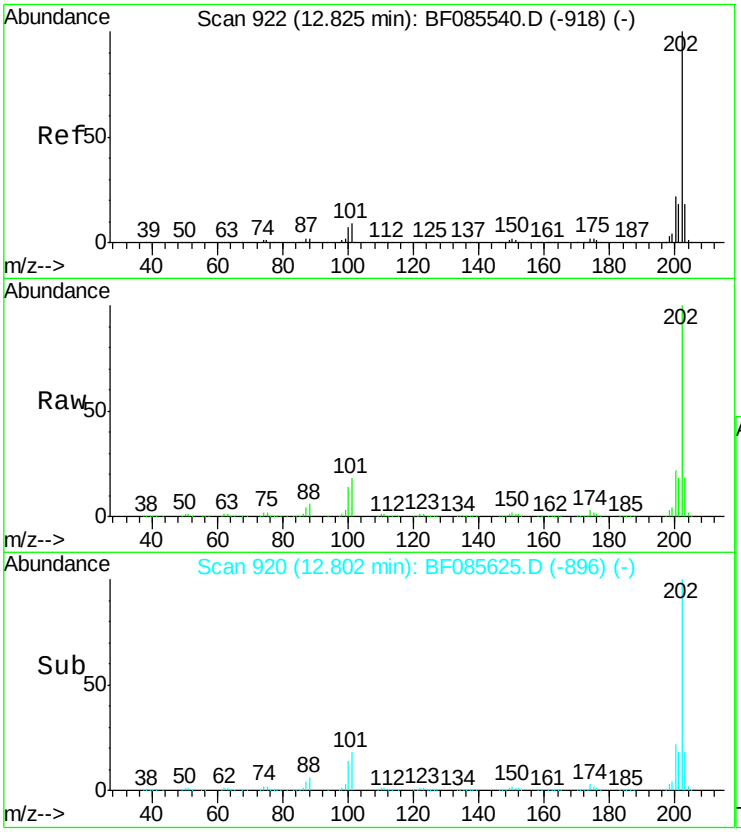


#76
Benzidine
Concen: 14.86 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:184 Resp: 186073

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.4	18.6
183	11.0	9.4	14.2

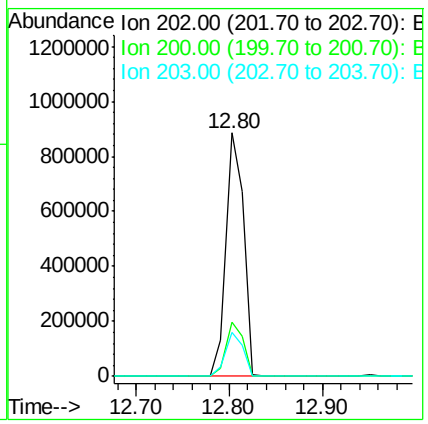




#77
Pyrene
Concen: 43.81 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:202 Resp: 1171618

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
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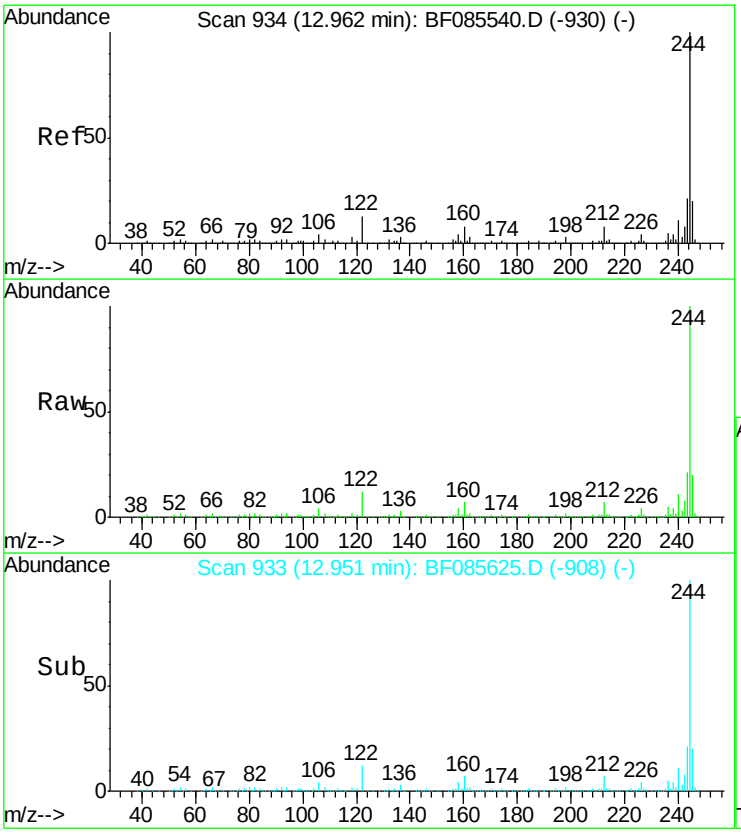
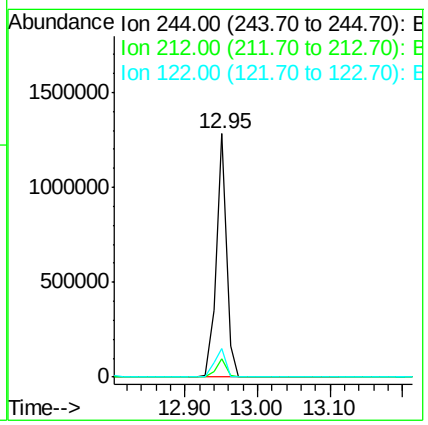
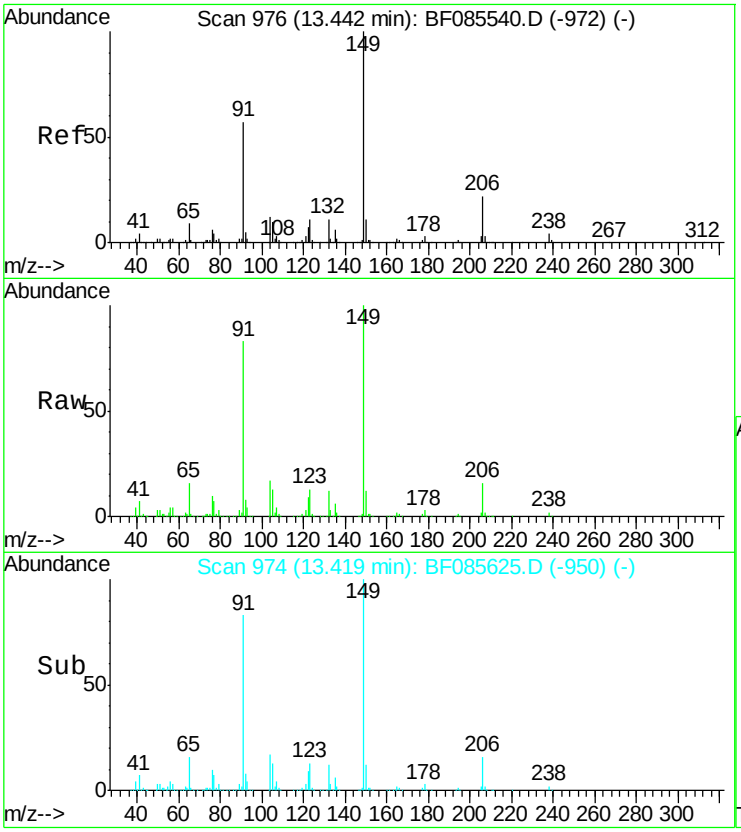


#78
Terphenyl-d14
Concen: 80.78 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:244 Resp: 1250124

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.5	10.2	15.4

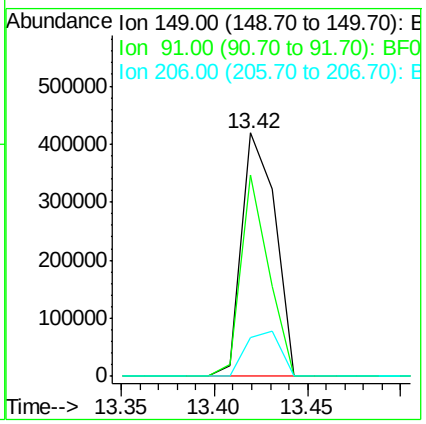




#79
Butylbenzylphthalate
Concen: 40.98 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 522337

Ion	Ratio	Lower	Upper
149	100		
91	82.9	45.8	68.8#
206	15.9	17.8	26.8#



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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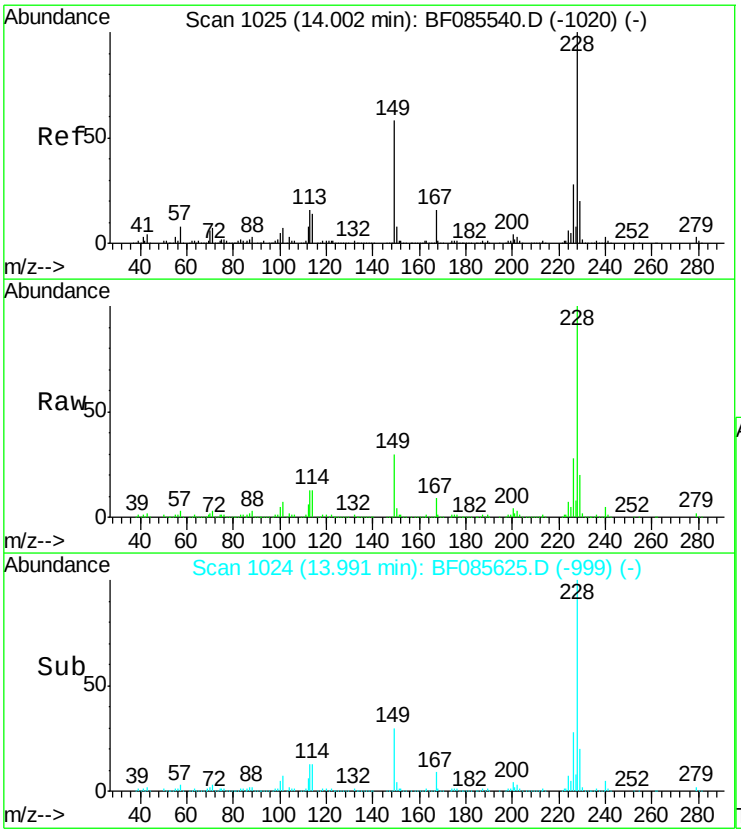
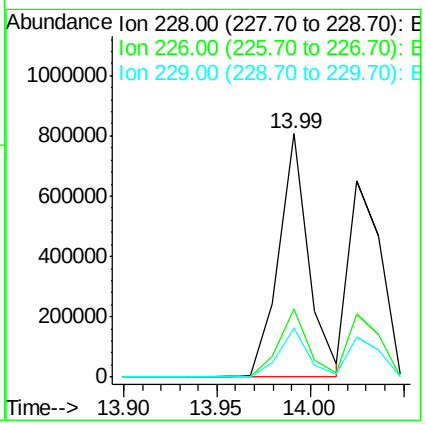
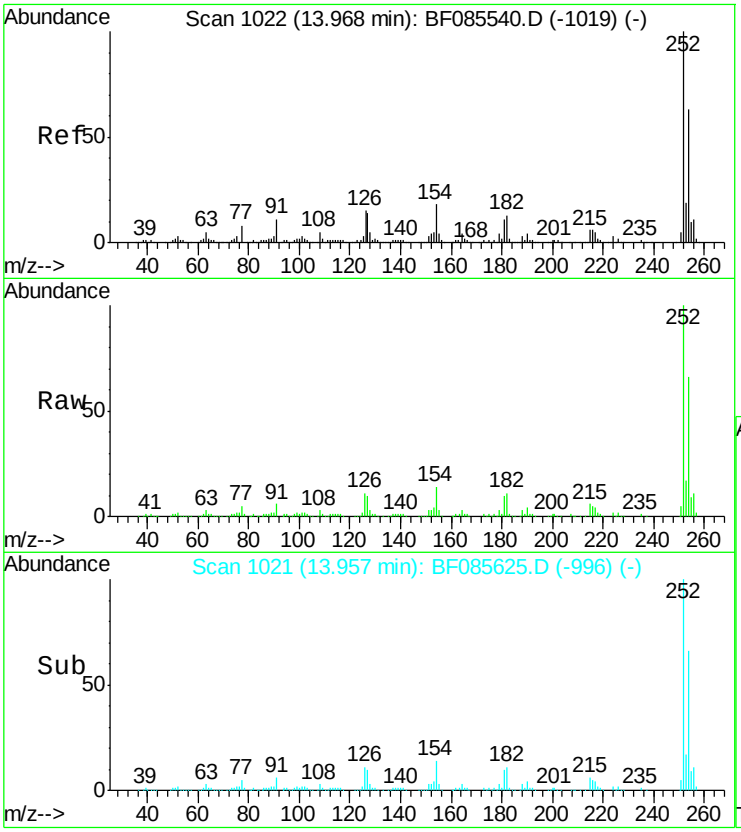


#80
Benzo(a)anthracene
Concen: 41.76 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:228 Resp: 902770

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.0	16.2	24.4

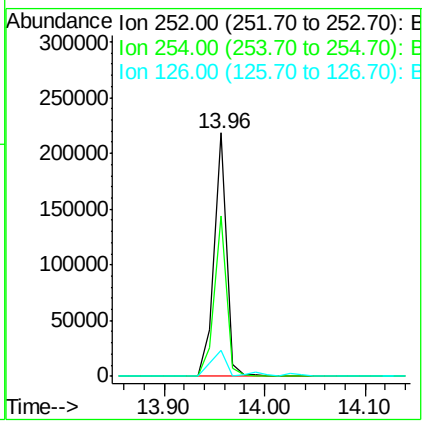




#81
3,3'-Dichlorobenzidine
Concen: 23.93 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:252 Resp: 189627

Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.7	76.1
126	10.7	11.8	17.6#



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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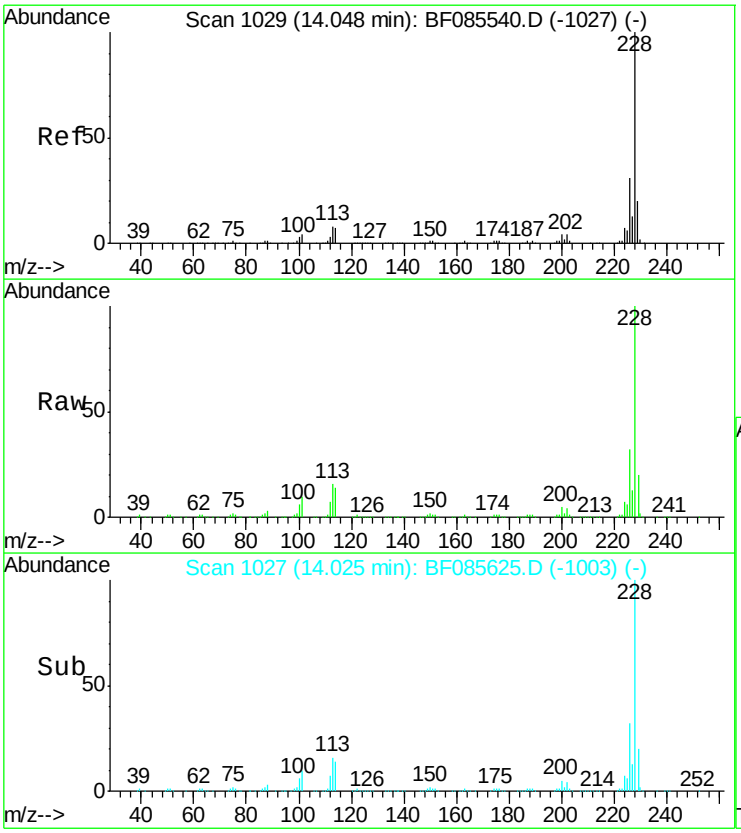
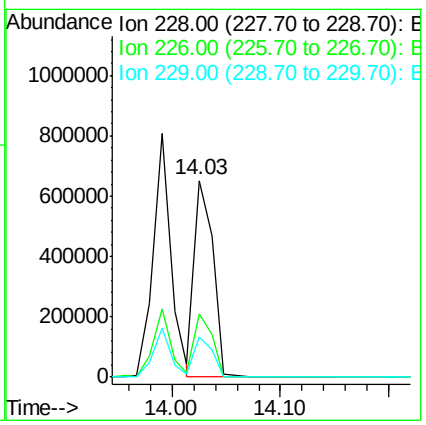
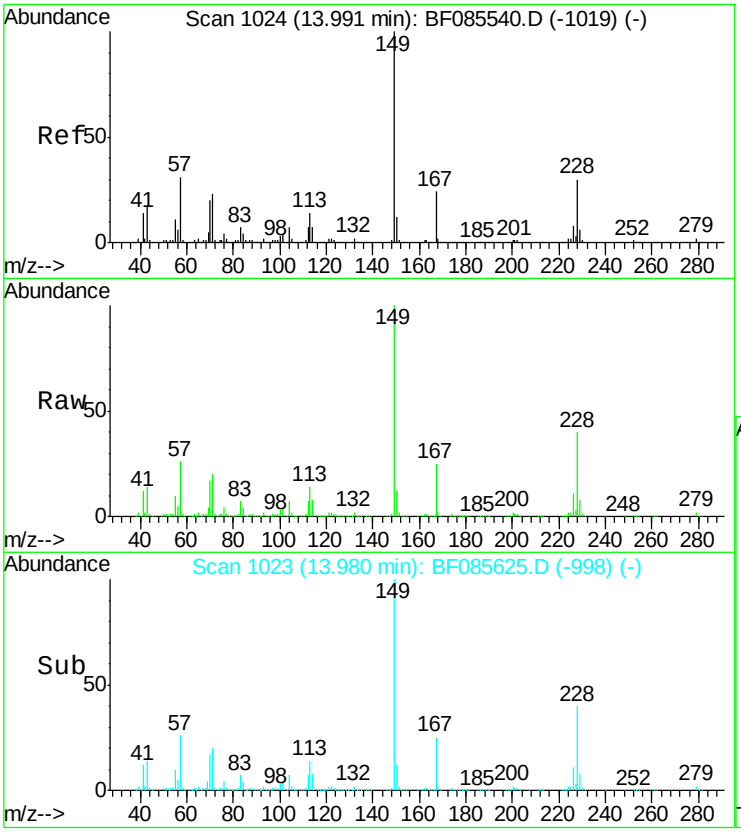


#82
Chrysene
Concen: 37.71 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:228 Resp: 784344

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.2	15.7	23.5

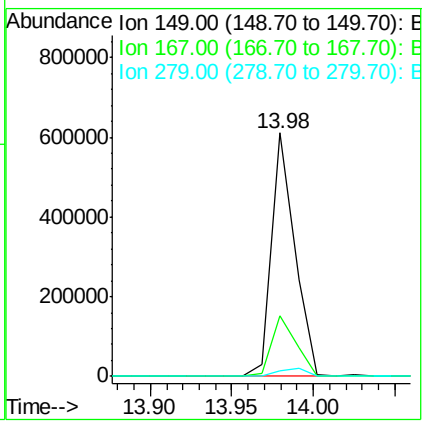




#83
Bis(2-ethylhexyl)phthalate
Concen: 38.43 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 608559

Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.4	29.2
279	2.3	1.5	2.3#



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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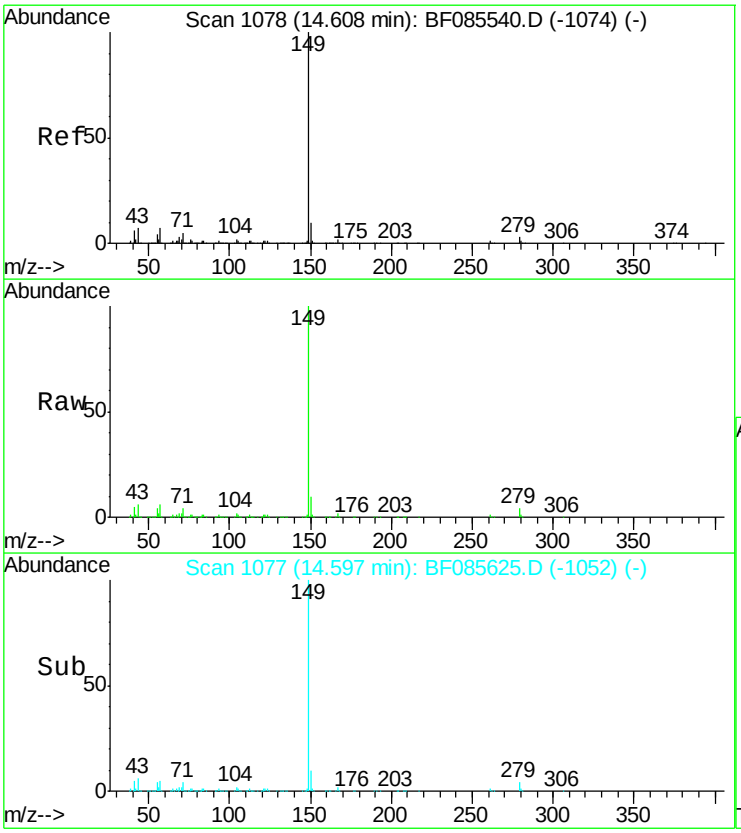
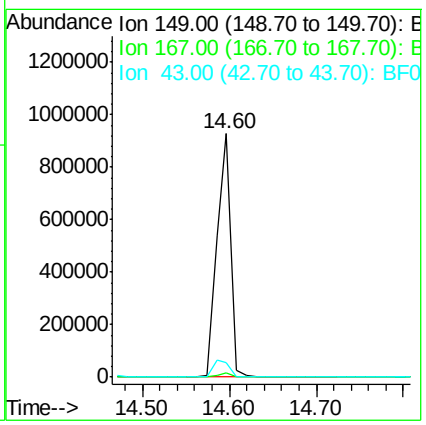
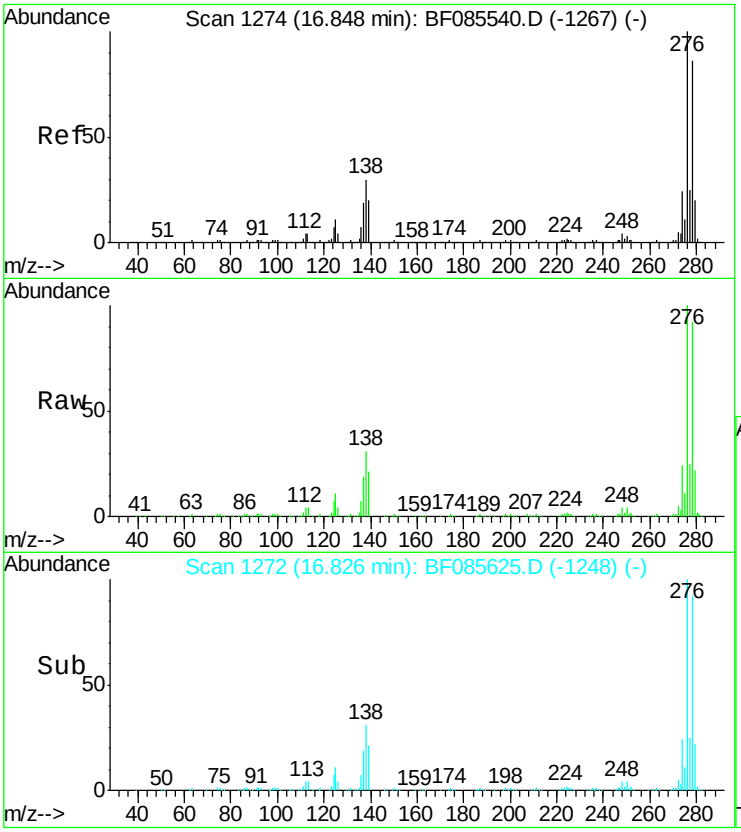


#84
Di-n-octyl phthalate
Concen: 40.14 ng
RT: 14.60 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:149 Resp: 1035775

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	7.1	10.7

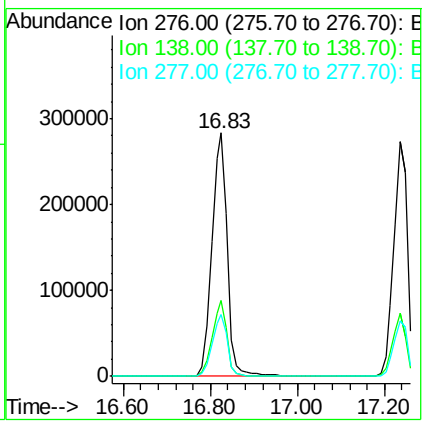




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.20 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:276 Resp: 716015

Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.2	36.4
277	24.9	20.0	30.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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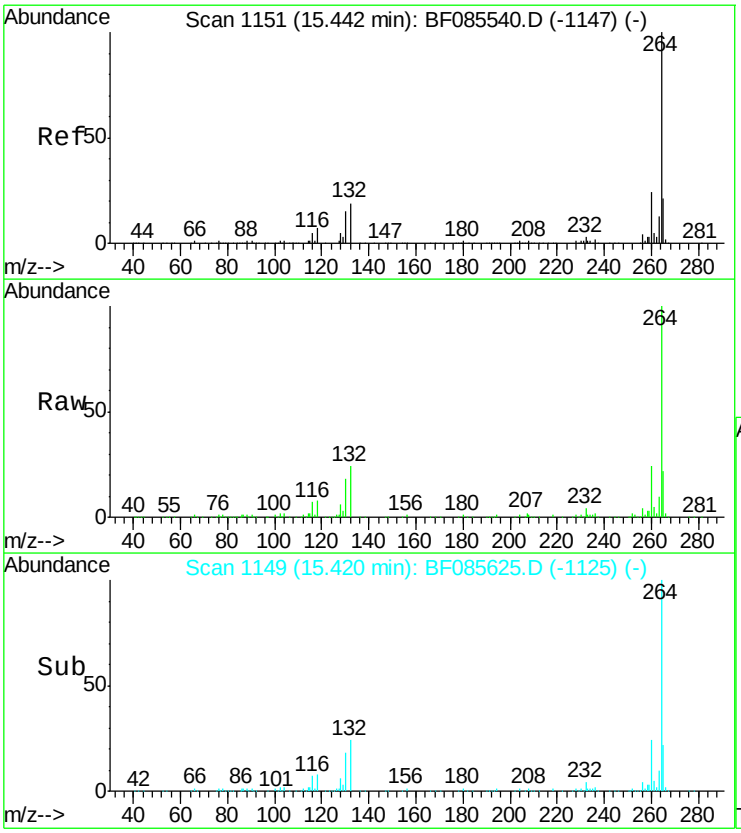
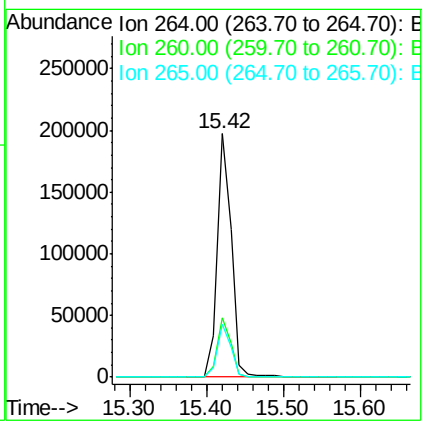
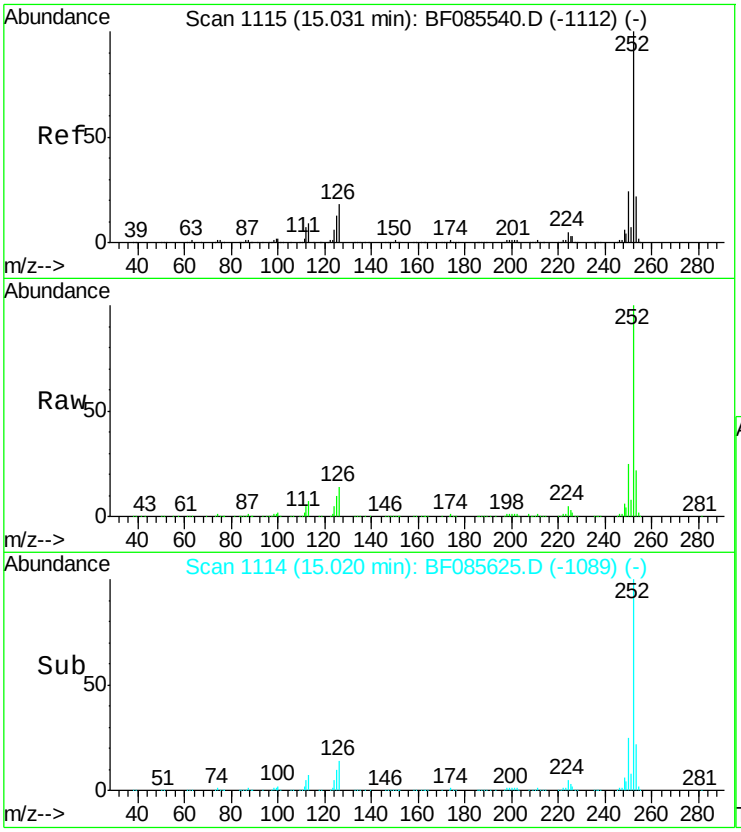


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:264 Resp: 253801

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.9	17.2	25.8

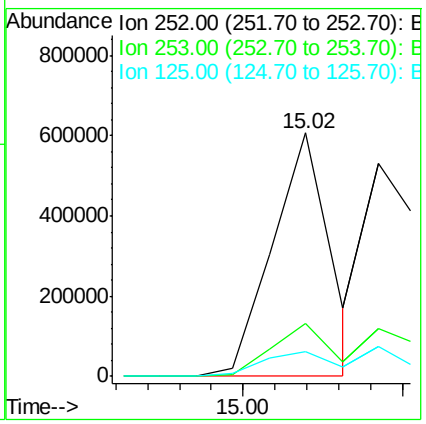




#87
Benzo(b)fluoranthene
Concen: 45.79 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:252 Resp: 758363

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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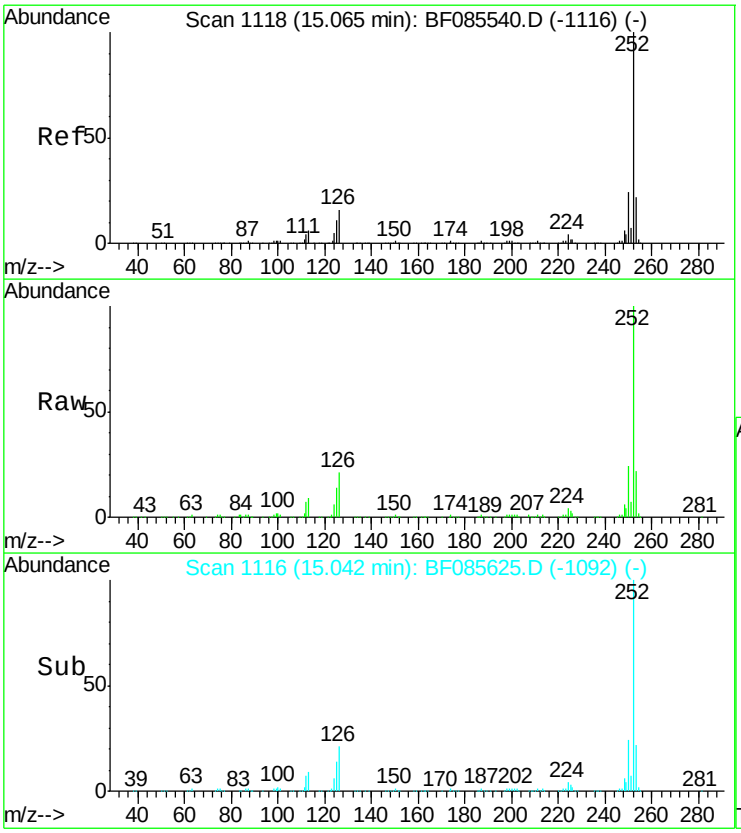
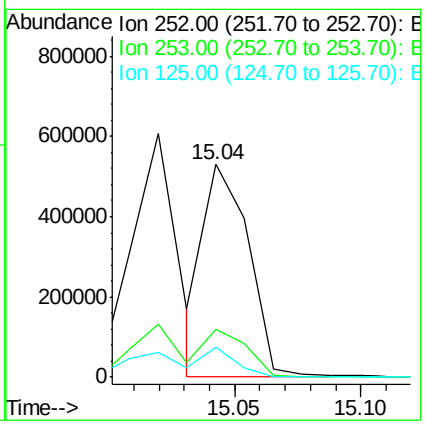
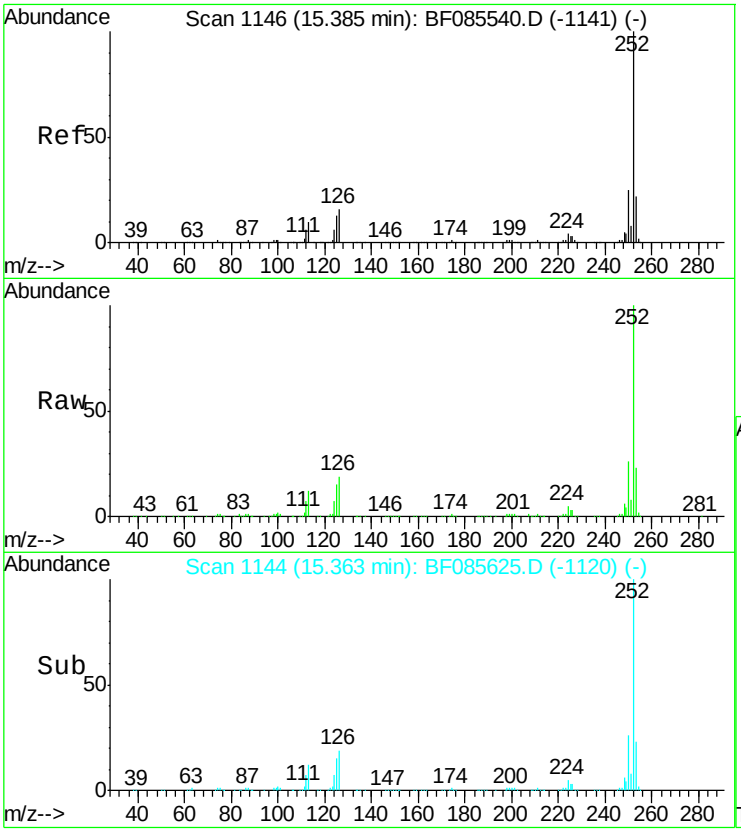


#88
Benzo(k)fluoranthene
Concen: 48.26 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:252 Resp: 658502

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.0	7.7	11.5#

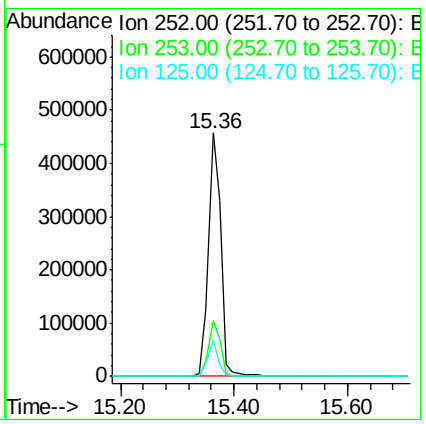




#89
Benzo(a)pyrene
Concen: 47.14 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:252 Resp: 661774

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	14.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

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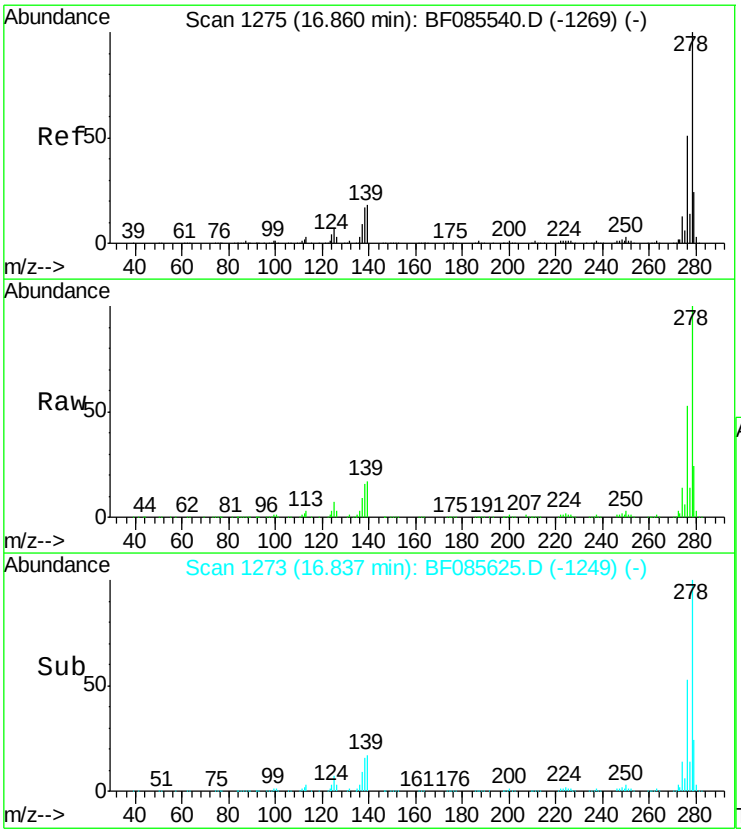
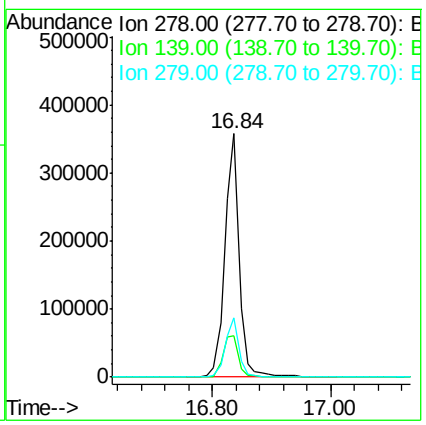
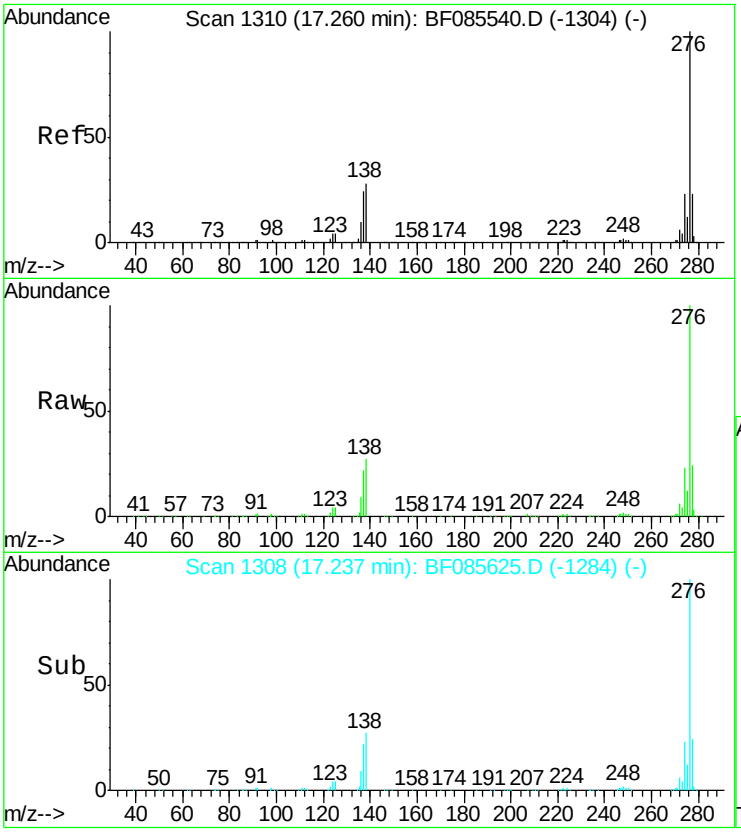


#90
Dibenzo(a,h)anthracene
Concen: 51.00 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:278 Resp: 597242

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.4	21.6
279	24.3	19.1	28.7

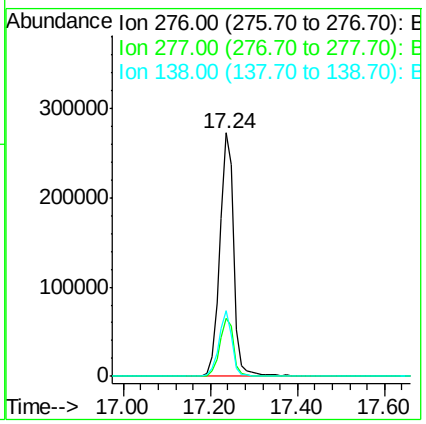




#91
Benzo(g,h,i)perylene
Concen: 53.29 ng
RT: 17.24 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF085625.D
Acq: 21 Mar 2016 16:41

Tgt Ion:276 Resp: 603971

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	26.8	22.6	34.0



Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:33 PM