Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084434.D
Acq On : 13 Jan 2016 2:52
Operator : SJ/UM
Sample : H1078-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM

Quant Time: Jan 13 05:50:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259448	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1045019	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	436424	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	743960	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	454156	20.00	ng		-0.06
86) Perylene-d12	15.43	264	462756	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1110158	69.21	ng		-0.04
7) Phenol-d6	6.49	99	941223	46.72	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1687299	89.86	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	602719	136.79	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2400458	97.70	ng		-0.06
78) Terphenyl-d14	12.96	244	1908466	93.80	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	160524	21.13	ng	#	82
3) Pyridine	3.21	79	415271	19.60	ng	#	79
4) n-Nitrosodimethylamine	3.13	42	214096	19.69	ng	#	99
6) Aniline	6.51	93	641077	21.75	ng	#	76
8) 2-Chlorophenol	6.64	128	698266	38.37	ng		91
9) Benzaldehyde	6.38	77	185108	14.11	ng		95
10) Phenol	6.50	94	419096	18.30	ng		82
11) bis(2-Chloroethyl)ether	6.58	93	784926	44.24	ng	#	82
12) 1,3-Dichlorobenzene	6.78	146	829440	44.18	ng		98
13) 1,4-Dichlorobenzene	6.86	146	820246m	43.57	ng		
14) 1,2-Dichlorobenzene	7.01	146	743209	41.22	ng		97
15) Benzyl Alcohol	6.99	79	508445	30.00	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1367140	42.31	ng		87
17) 2-Methylphenol	7.12	107	492800	32.31	ng	#	92
18) Hexachloroethane	7.36	117	299632	39.80	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	595644	43.68	ng	#	76
20) 3+4-Methylphenols	7.26	107	514851	28.72	ng	#	76
22) Acetophenone	7.25	105	1115818	44.40	ng		99
24) Nitrobenzene	7.44	77	928694	48.77	ng	#	85
25) Isophorone	7.68	82	1687360	46.99	ng	#	94
26) 2-Nitrophenol	7.74	139	409155	47.21	ng	#	82
27) 2,4-Dimethylphenol	7.79	122	650931	37.10	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	985204	44.91	ng		99
29) 2,4-Dichlorophenol	8.00	162	660985	45.23	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	720816	47.78	ng	#	94
31) Naphthalene	8.16	128	2366889	49.92	ng		99
32) Benzoic acid	7.88	122	121590	15.62	ng		95
33) 4-Chloroaniline	8.20	127	367761	16.92	ng		97
34) Hexachlorobutadiene	8.27	225	359141	41.41	ng		97
35) Caprolactam	8.57	113	36237	7.36	ng	#	47
36) 4-Chloro-3-methylphenol	8.69	107	677775	41.40	ng		98
37) 2-Methylnaphthalene	8.84	142	1423591	41.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	654620	52.18	ng		99
40) Hexachlorocyclopentadiene	9.00	237	667681	88.15	ng		99

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Operator : SJ/UM
Sample : H1078-08MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM

Quant Time: Jan 13 05:50:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	454886	48.46	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	445197	49.47	ng		94
45) 1,1'-Biphenyl	9.31	154	1861597	53.67	ng		98
46) 2-Chloronaphthalene	9.33	162	1365987	50.14	ng		94
47) 2-Nitroaniline	9.44	65	466407	51.87	ng	#	60
48) Acenaphthylene	9.74	152	1986442	49.35	ng		97
49) Dimethylphthalate	9.62	163	1734329	55.59	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	377771	55.21	ng	#	72
51) Acenaphthene	9.92	154	1433429	53.09	ng		98
52) 3-Nitroaniline	9.84	138	168153	19.83	ng		94
53) 2,4-Dinitrophenol	9.95	184	338399	114.49	ng	#	85
54) Dibenzofuran	10.09	168	1810512	52.25	ng		92
55) 4-Nitrophenol	10.02	139	204958	33.30	ng		88
56) 2,4-Dinitrotoluene	10.08	165	429764	49.62	ng		92
57) Fluorene	10.43	166	1248513	46.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	366096	47.65	ng		89
59) Diethylphthalate	10.32	149	1574790	51.19	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	676620	62.36	ng		94
61) 4-Nitroaniline	10.45	138	311993	41.28	ng		87
62) Azobenzene	10.59	77	1766144	52.35	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	243233	54.88	ng		79
65) n-Nitrosodiphenylamine	10.54	169	1179915	49.60	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	443106	55.34	ng		97
67) Hexachlorobenzene	10.98	284	434109	48.17	ng	#	85
68) Atrazine	11.08	200	386254	49.62	ng		93
69) Pentachlorophenol	11.17	266	384751	82.33	ng		97
70) Phenanthrene	11.39	178	1926153	49.50	ng		97
71) Anthracene	11.45	178	2060065	54.00	ng		97
72) Carbazole	11.61	167	1739309	46.64	ng		98
73) Di-n-butylphthalate	11.94	149	2163693	58.88	ng	#	97
74) Fluoranthene	12.58	202	1720628	42.33	ng		98
76) Benzidine	12.70	184	183334	11.26	ng		97
77) Pyrene	12.81	202	1715274	48.13	ng		98
79) Butylbenzylphthalate	13.44	149	748778	48.55	ng	#	88
80) Benzo(a)anthracene	14.00	228	1246562	46.75	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	243596	26.17	ng	#	98
82) Chrysene	14.03	228	1199105	46.79	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	906397	46.52	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1543654	46.93	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1674341	82.43	ng		97
87) Benzo(b)fluoranthene	15.03	252	1338343m	44.21	ng		
88) Benzo(k)fluoranthene	15.05	252	1185928m	47.90	ng		
89) Benzo(a)pyrene	15.37	252	1298400	50.57	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1372016	62.10	ng		99
91) Benzo(g,h,i)perylene	17.25	276	1461964	63.90	ng		99

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084434.D
Acq On : 13 Jan 2016 2:52
Operator : SJ/UM
Sample : H1078-08MSD
Misc :
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Quant Time: Jan 13 05:50:55 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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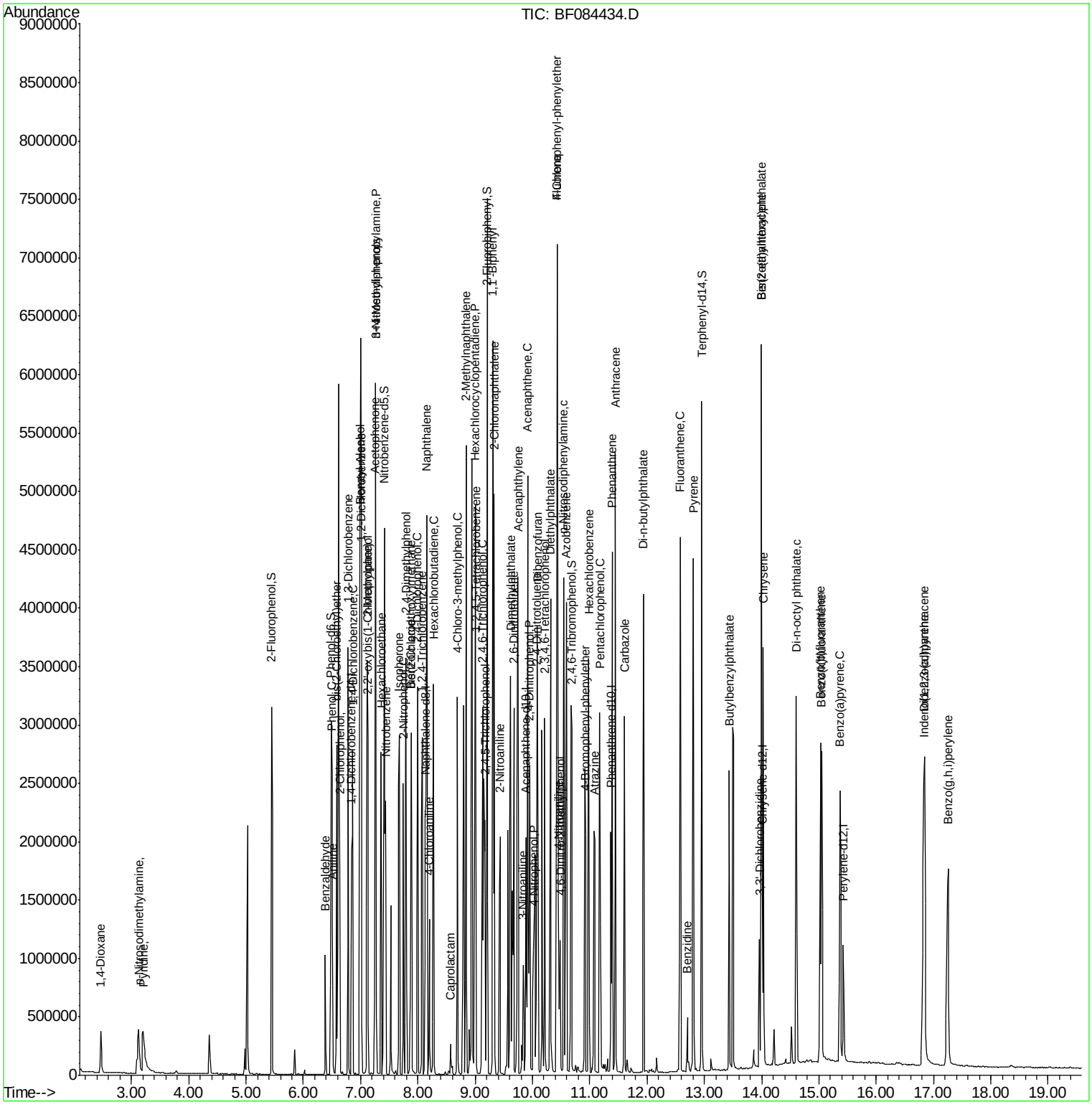
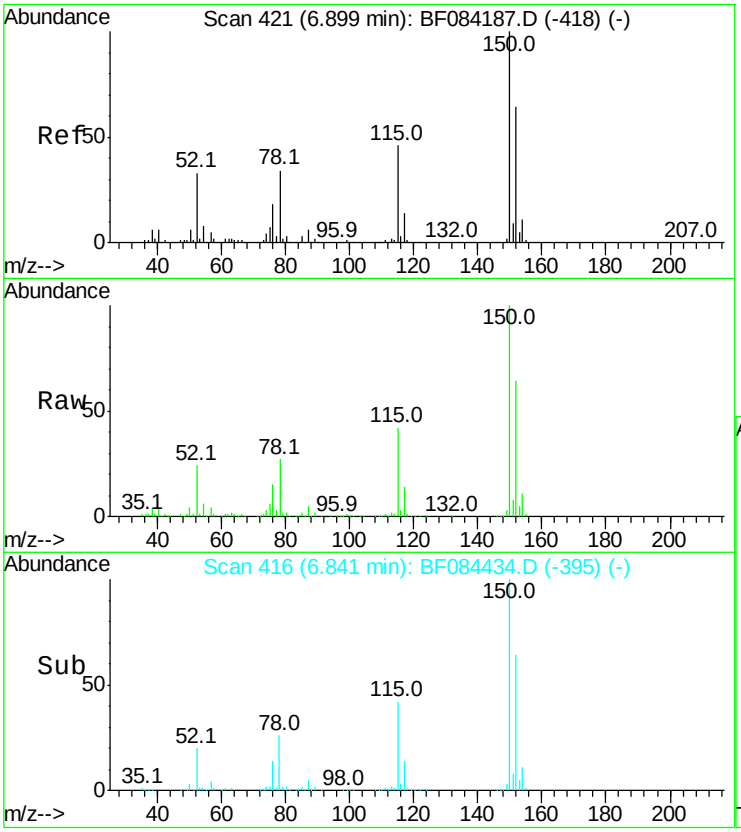
1/13/2016 3:29:51 PM

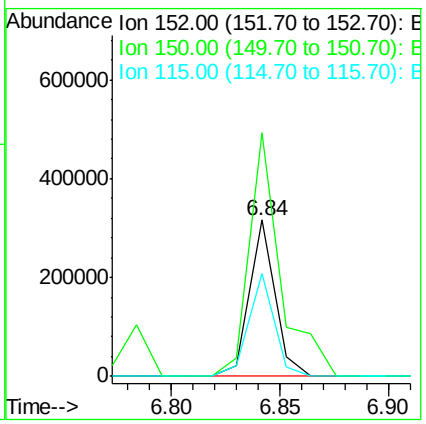




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

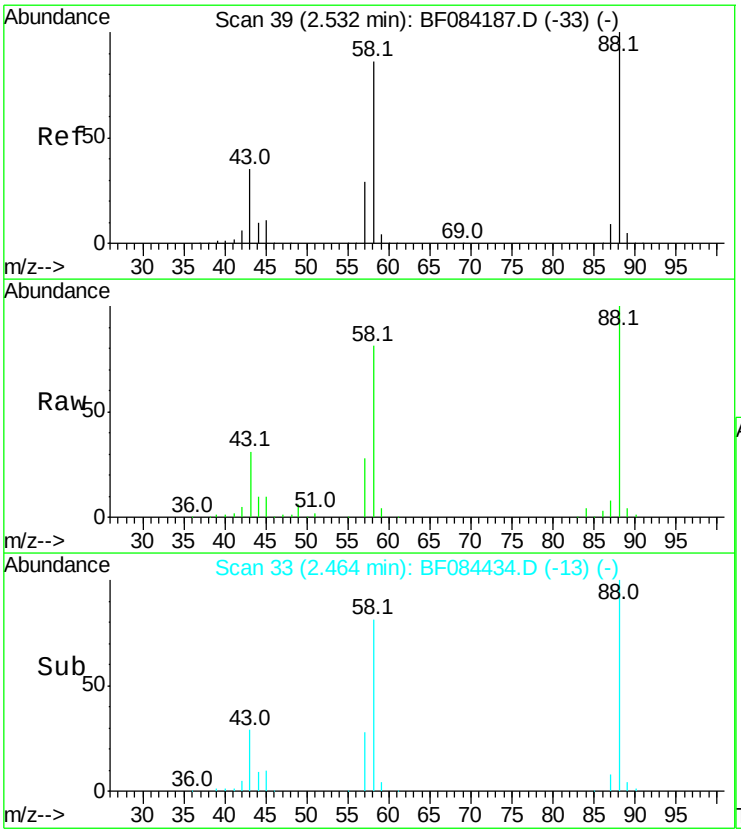
Tgt Ion:152 Resp: 259448

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.4
115	65.7	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

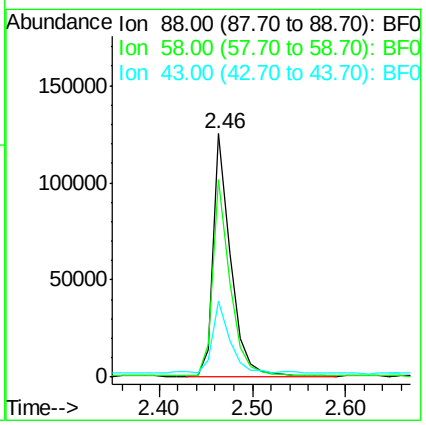
Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM

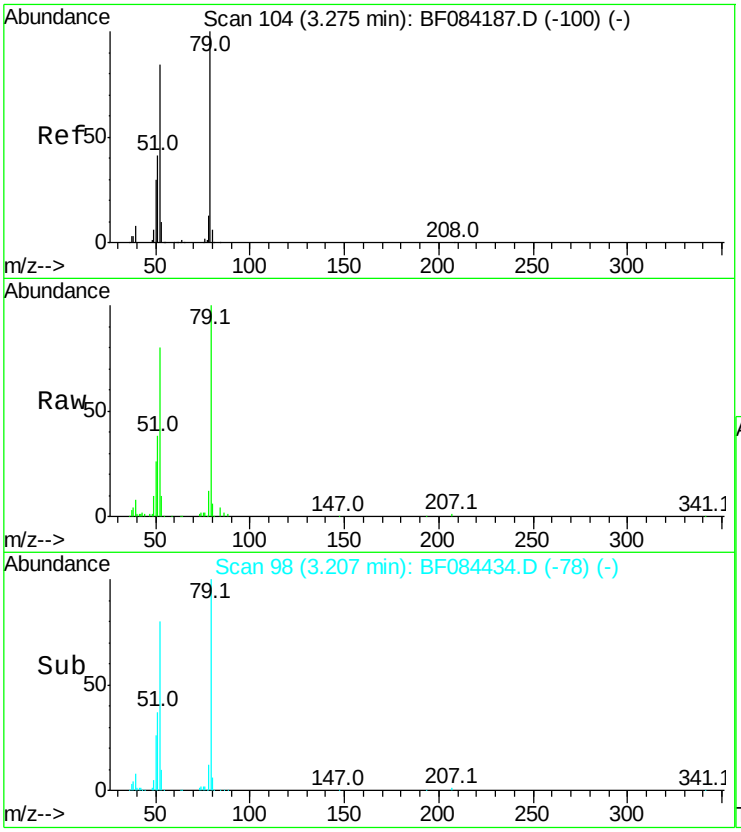


#2
1,4-Dioxane
Concen: 21.13 ng
RT: 2.46 min Scan# 33
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 88 Resp: 160524

Ion	Ratio	Lower	Upper
88	100		
58	81.7	51.2	76.8#
43	28.0	19.5	29.3





#3
Pyridine
Concen: 19.60 ng
RT: 3.21 min Scan# 98
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 79 Resp: 415271

Ion	Ratio	Lower	Upper
79	100		
52	80.4	49.0	73.4#
51	38.5	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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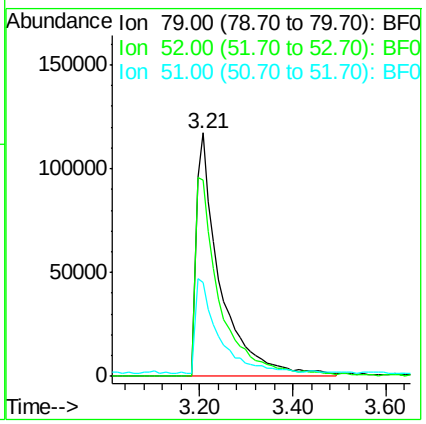
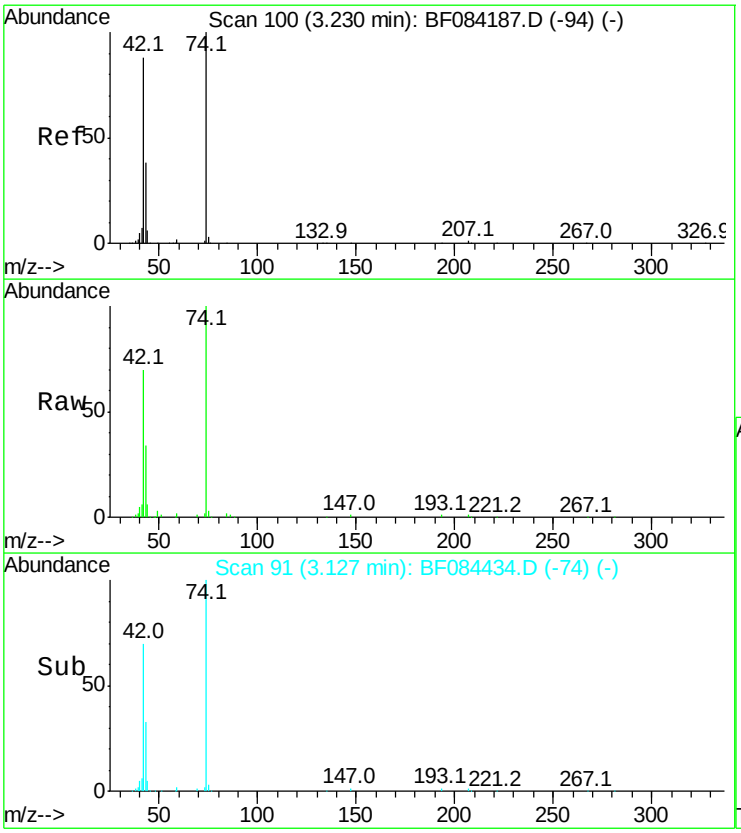
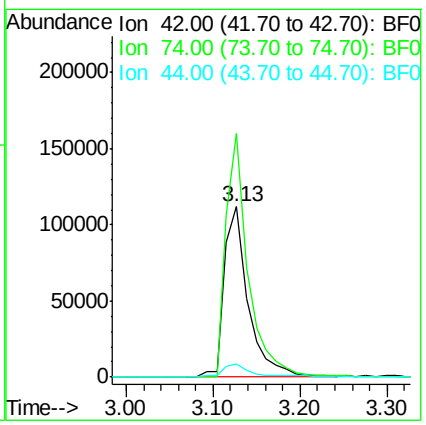


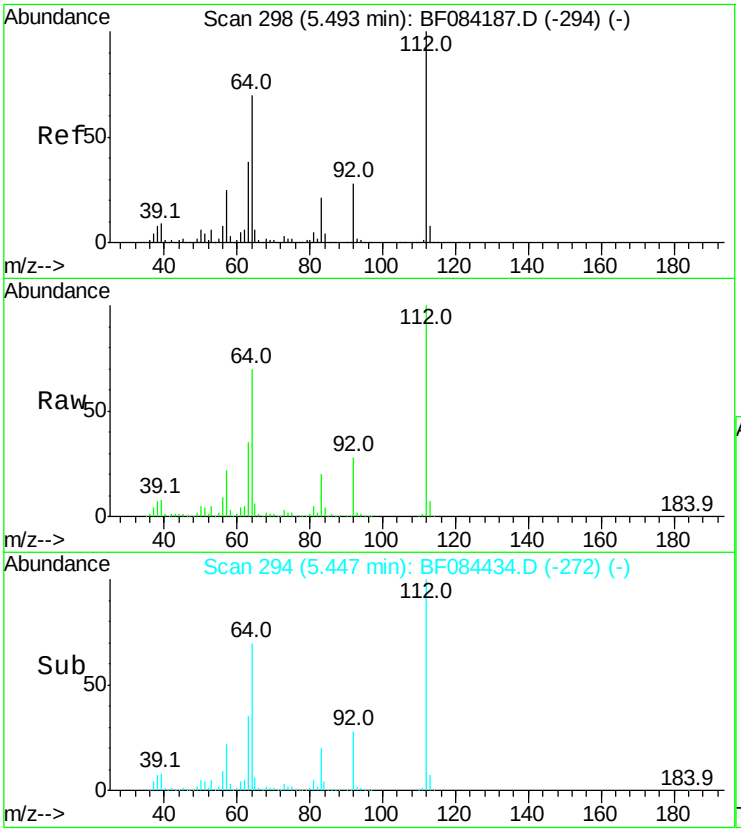


#4
n-Nitrosodimethylamine
Concen: 19.69 ng
RT: 3.13 min Scan# 91
Delta R.T. -0.10 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 42 Resp: 214096

Ion	Ratio	Lower	Upper
42	100		
74	143.0	115.7	173.5
44	8.0	5.1	7.7#





#5
2-Fluorophenol
Concen: 69.21 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:112 Resp: 1110158

Ion	Ratio	Lower	Upper
112	100		
64	70.2	36.6	55.0#
63	35.5	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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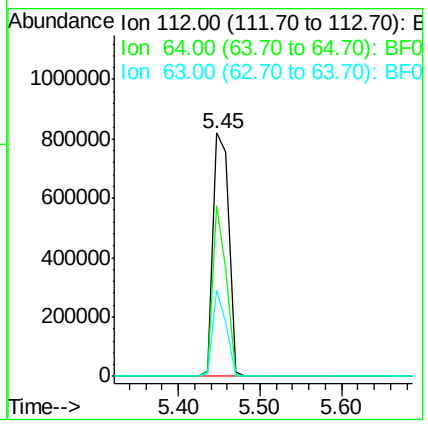
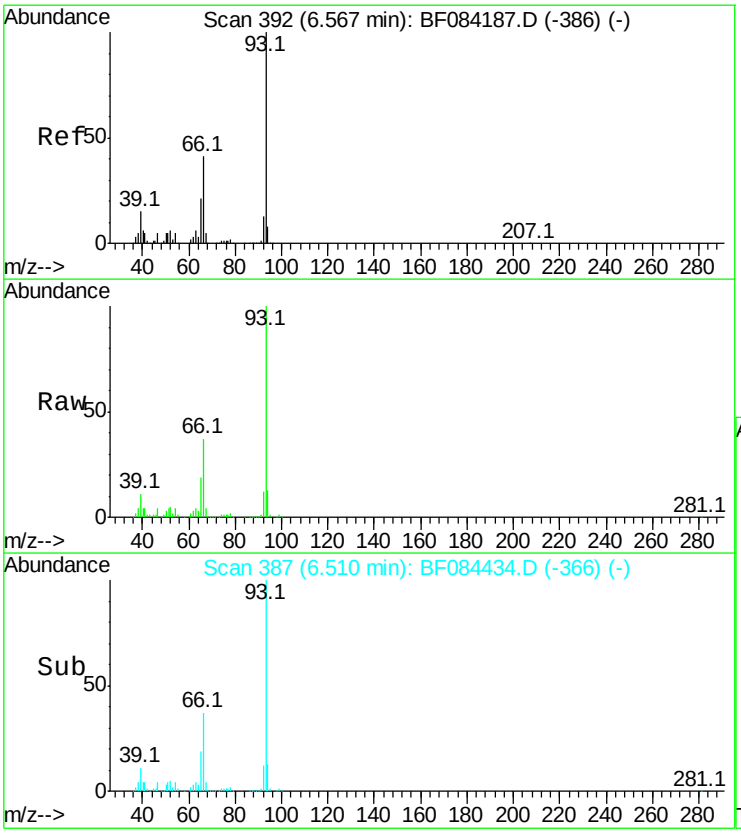
1/13/2016 3:29:51 PM

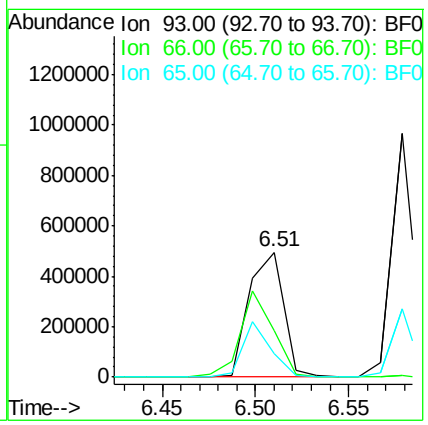


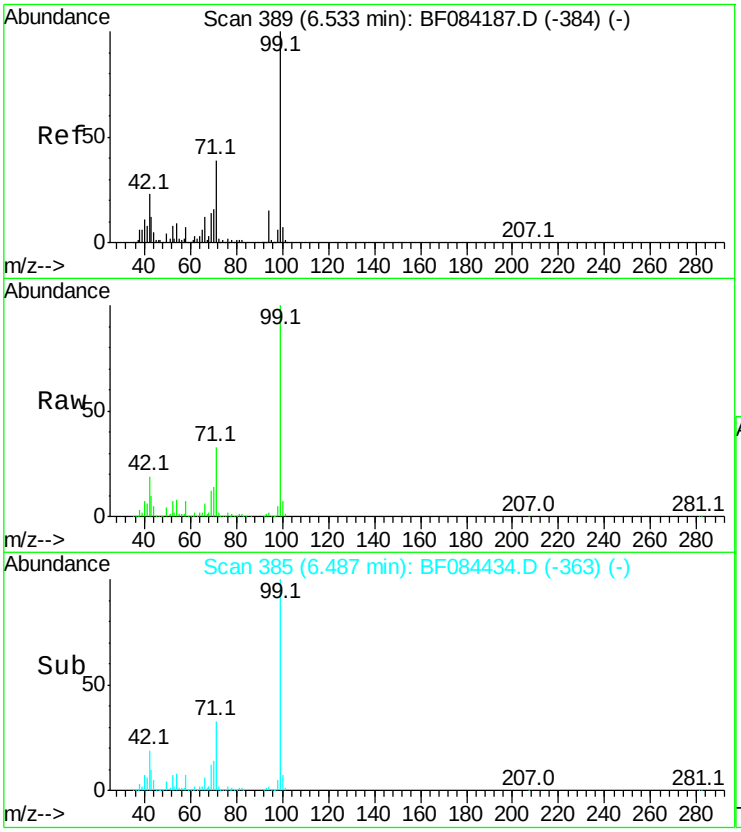


#6
Aniline
Concen: 21.75 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 93 Resp: 641077

Ion	Ratio	Lower	Upper
93	100		
66	37.3	44.9	67.3#
65	19.1	23.7	35.5#

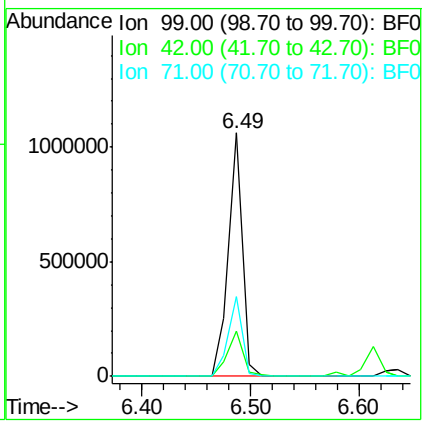




#7
Phenol-d6
Concen: 46.72 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 99 Resp: 941223

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.8	19.2
71	33.0	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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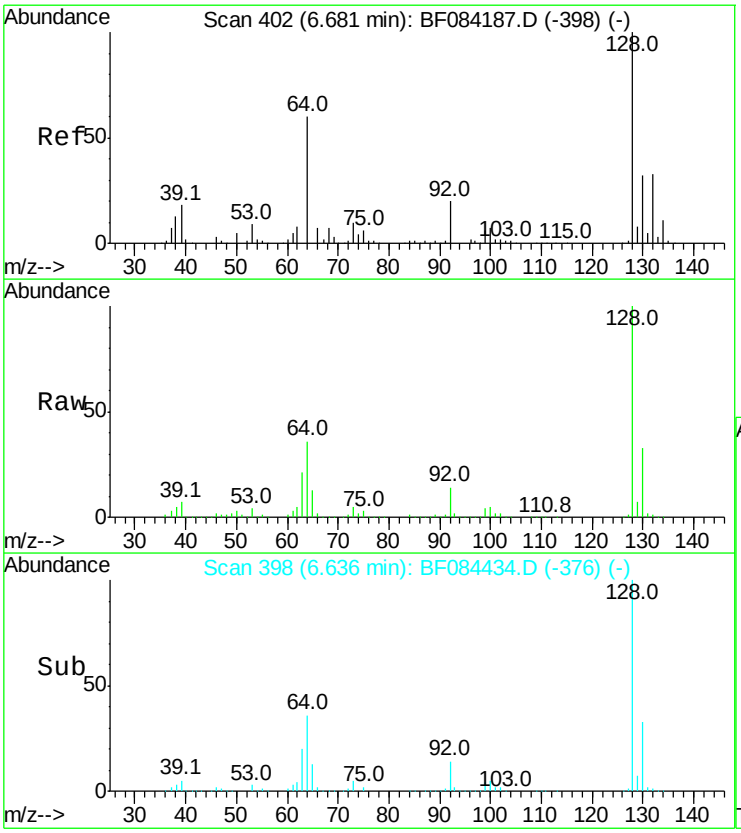
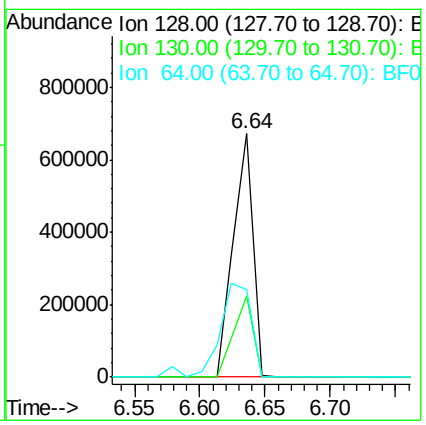
1/13/2016 3:29:51 PM

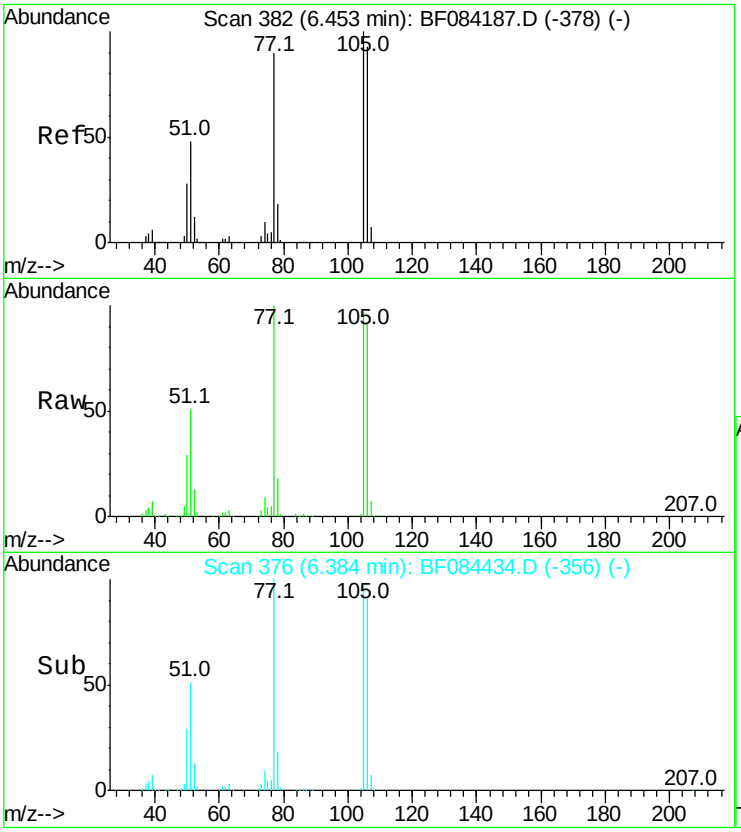


#8
2-Chlorophenol
Concen: 38.37 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:128 Resp: 698266

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	35.9	23.8	63.8

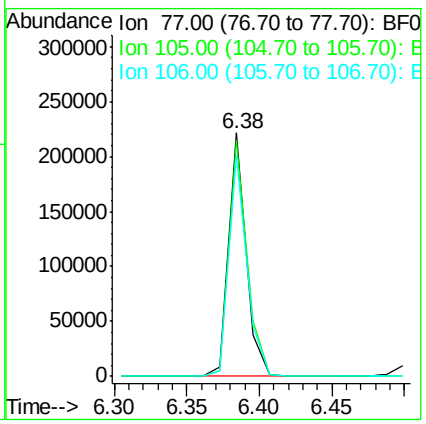




#9
Benzaldehyde
Concen: 14.11 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

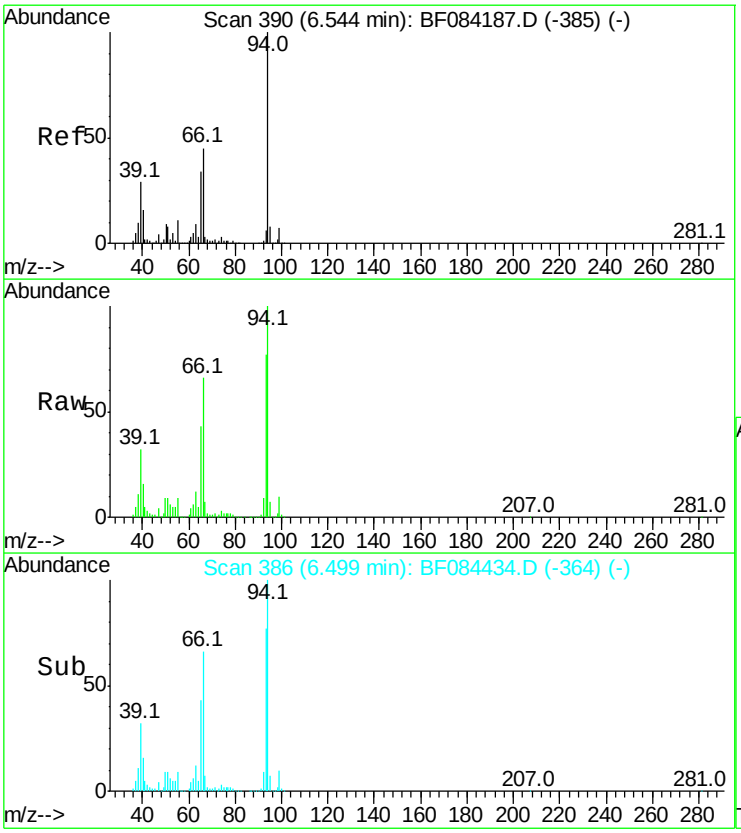
Tgt Ion: 77 Resp: 185108

Ion	Ratio	Lower	Upper
77	100		
105	96.7	83.0	123.0
106	90.6	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

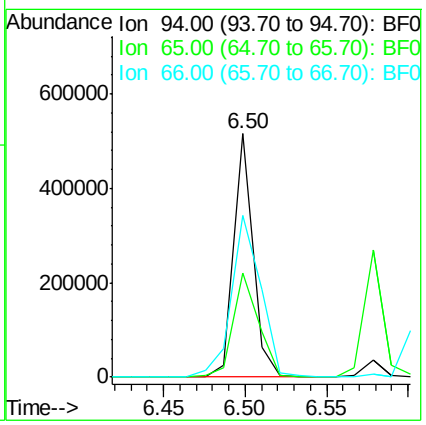
Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM

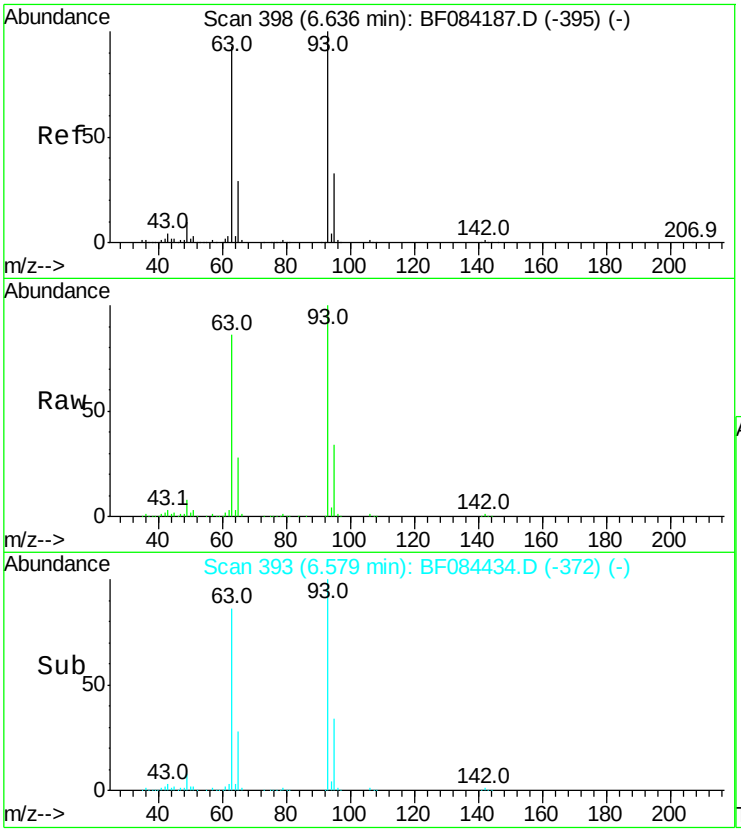


#10
Phenol
Concen: 18.30 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 94 Resp: 419096

Ion	Ratio	Lower	Upper
94	100		
65	42.6	12.9	52.9
66	66.3	32.7	72.7

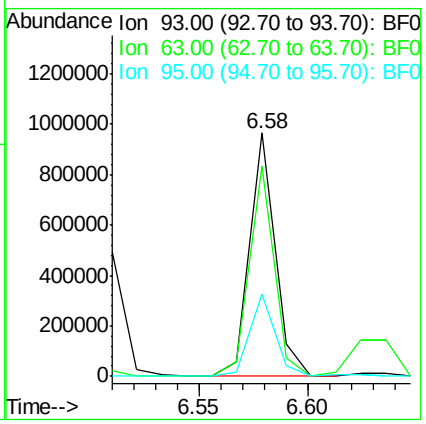




#11
bis(2-Chloroethyl)ether
Concen: 44.24 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 93 Resp: 784926

Ion	Ratio	Lower	Upper
93	100		
63	86.3	45.9	85.9#
95	33.7	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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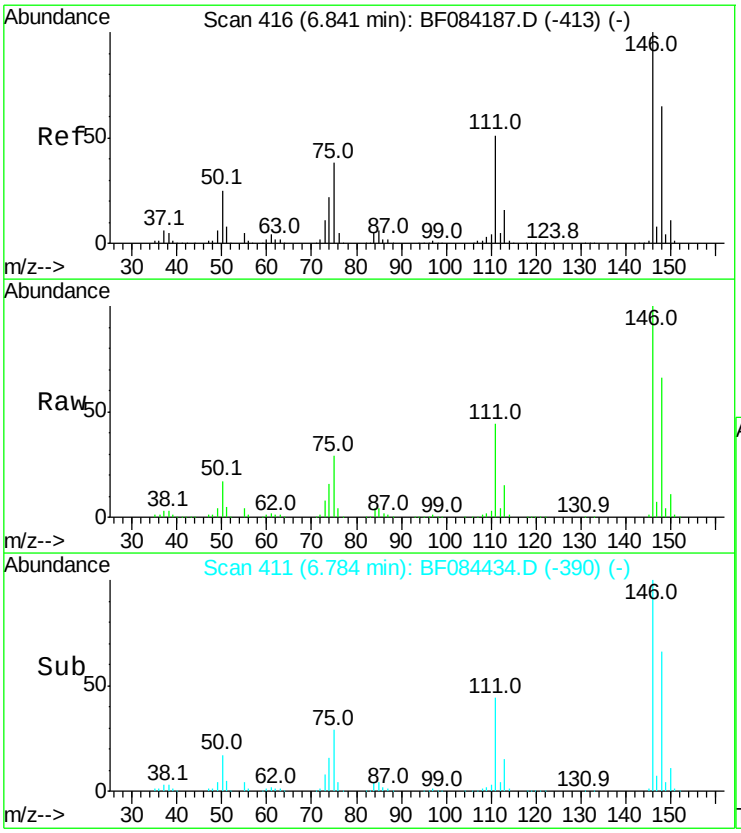
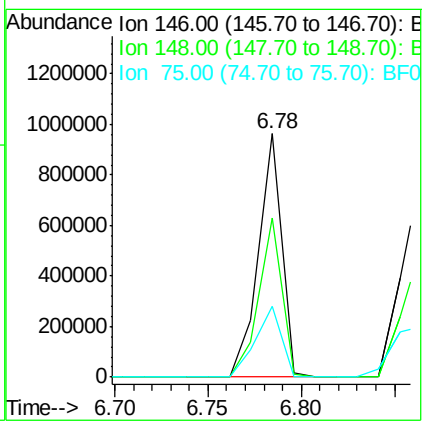
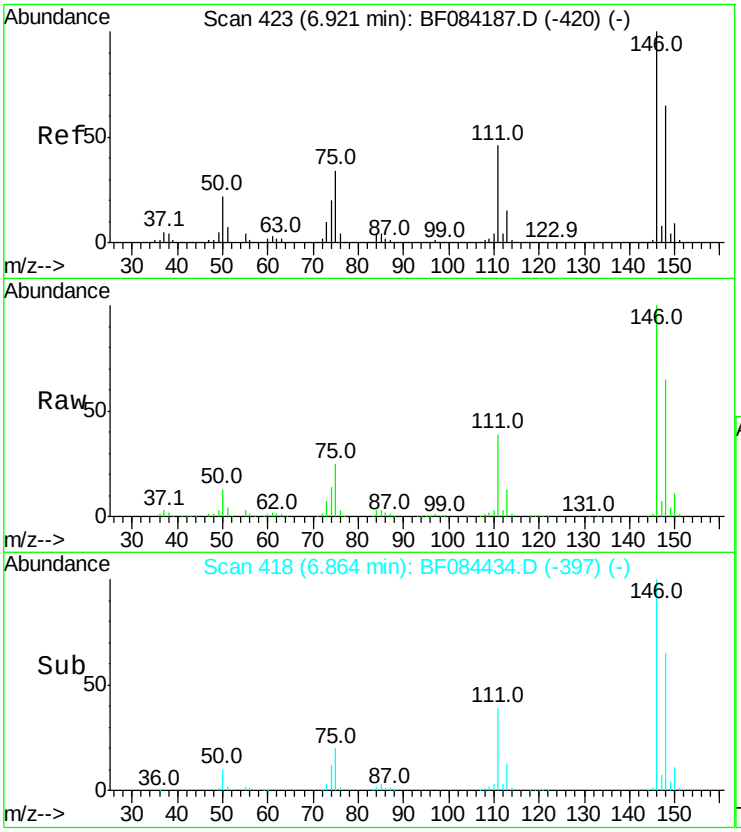


#12
1,3-Dichlorobenzene
Concen: 44.18 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:146 Resp: 829440

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	28.9	20.5	30.7

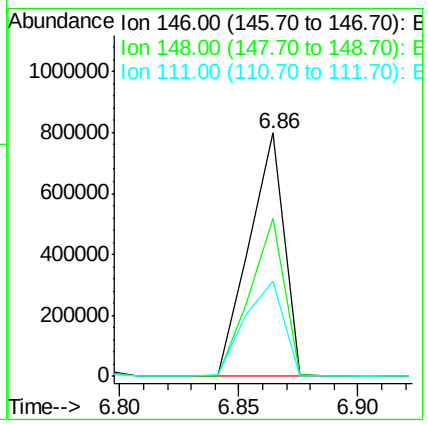




#13
1,4-Dichlorobenzene
Concen: 43.57 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:146 Resp: 820246

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	39.3	41.6	62.4#



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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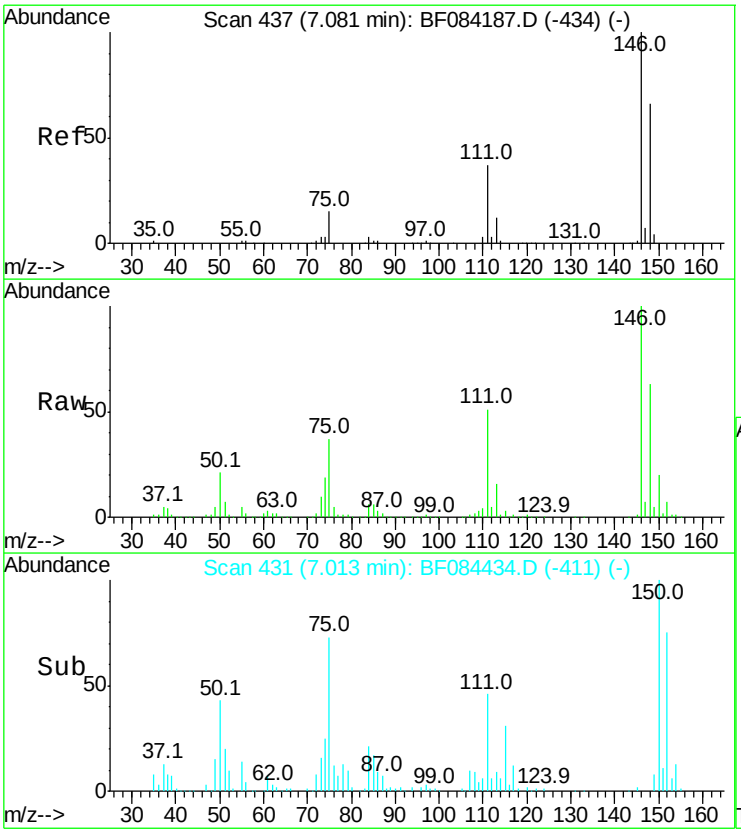
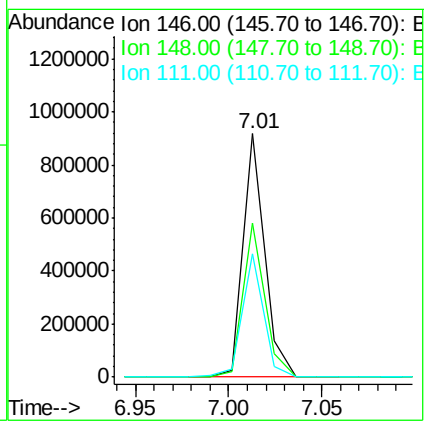
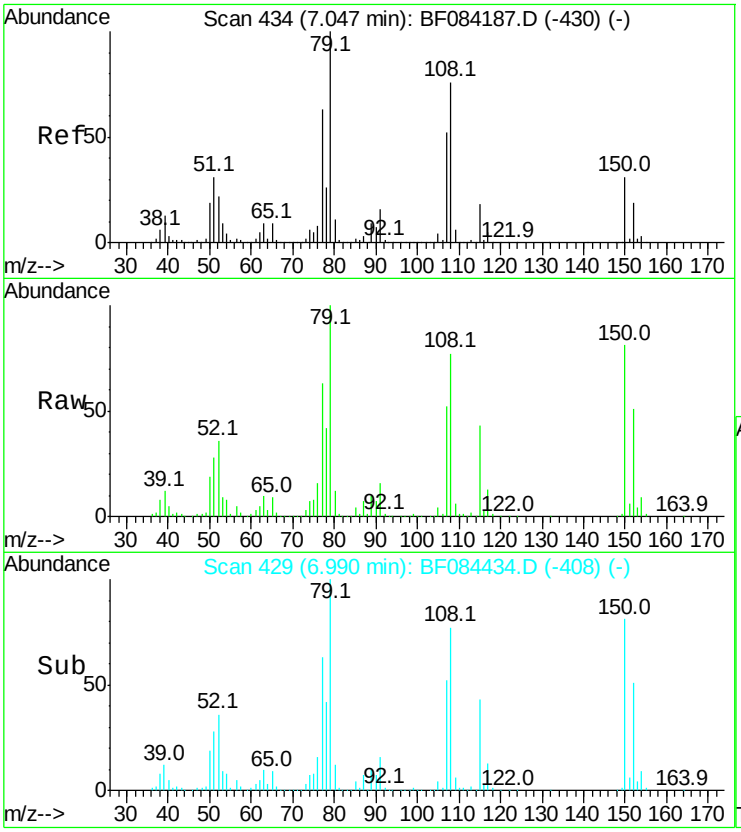


#14
1,2-Dichlorobenzene
Concen: 41.22 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:146 Resp: 743209

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	50.5	38.0	57.0

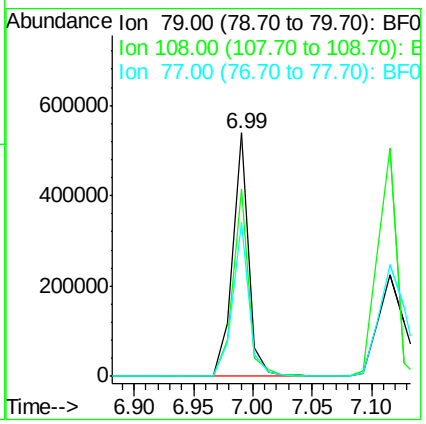




#15
Benzyl Alcohol
Concen: 30.00 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 79 Resp: 508445

Ion	Ratio	Lower	Upper
79	100		
108	77.1	69.0	103.4
77	63.1	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
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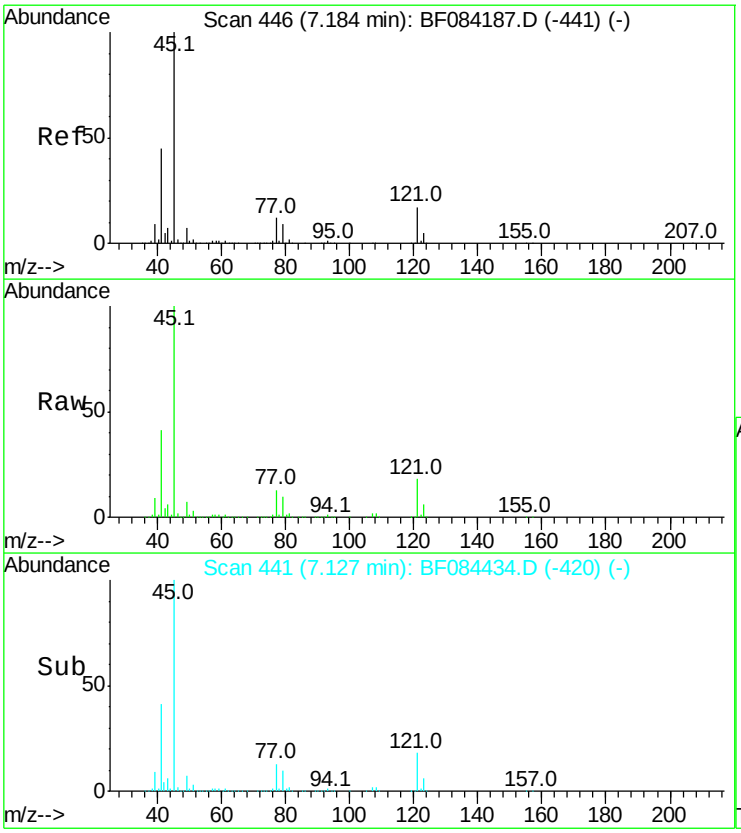
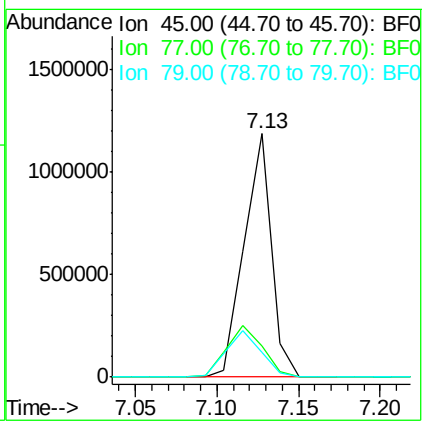
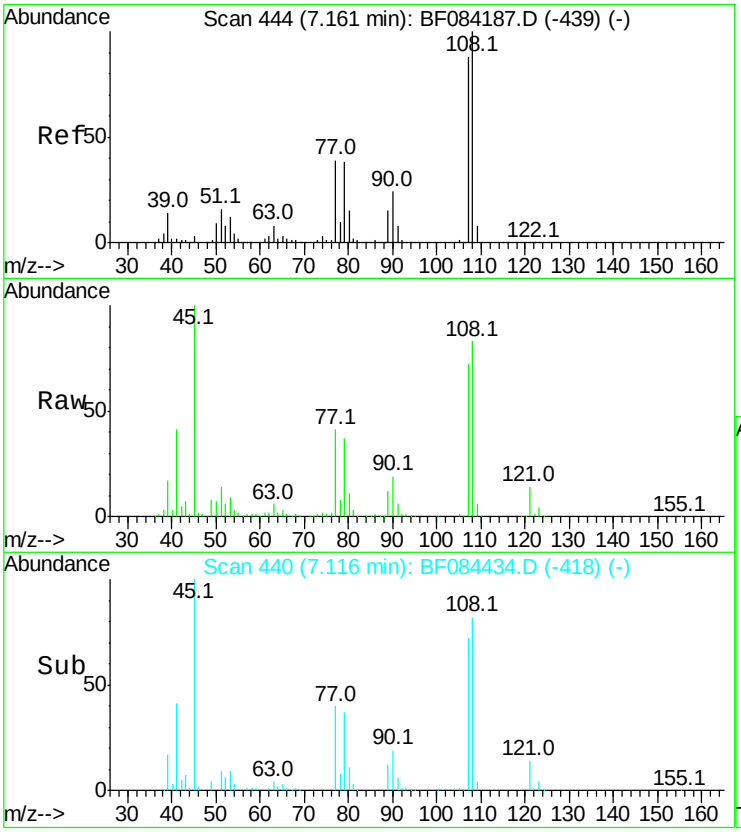


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.31 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 45 Resp: 1367140

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	39.6
79	10.2	0.0	35.0

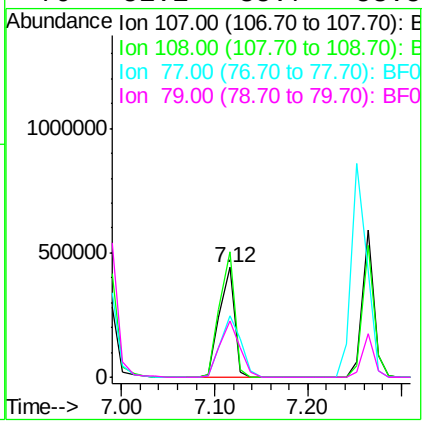




#17
2-Methylphenol
Concen: 32.31 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:107 Resp: 492800

Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.8	134.6
77	56.4	35.7	53.5#
79	51.1	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
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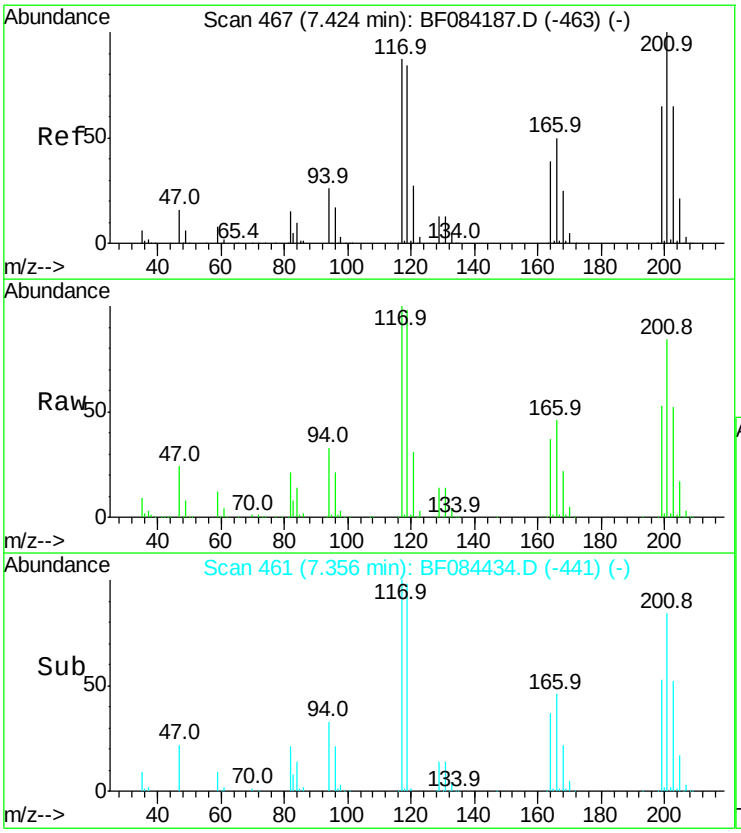
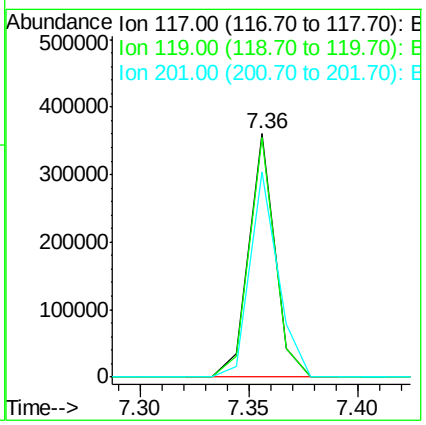
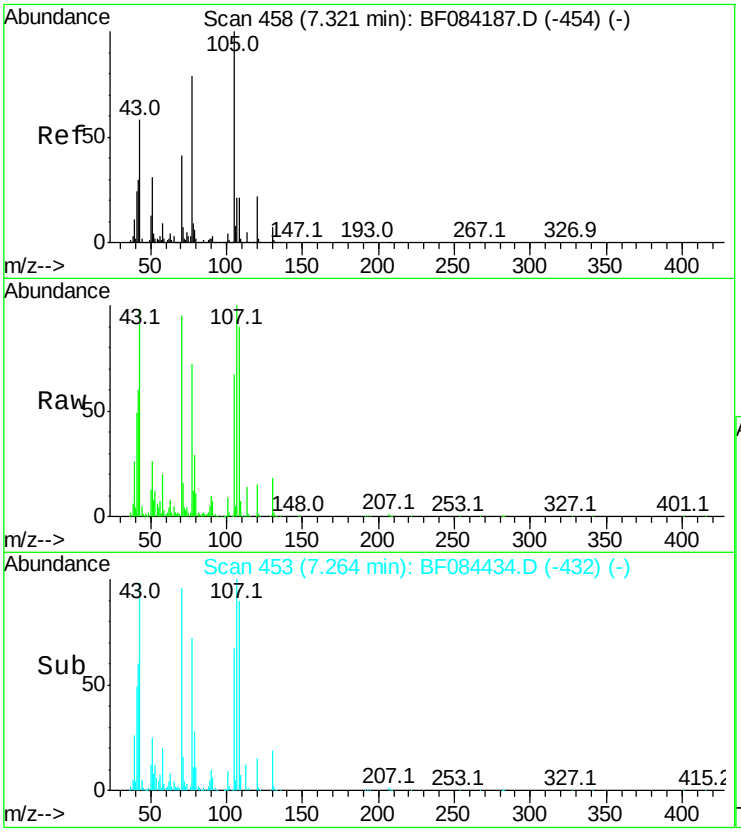


#18
Hexachloroethane
Concen: 39.80 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:117 Resp: 299632

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
201	84.1	68.6	103.0

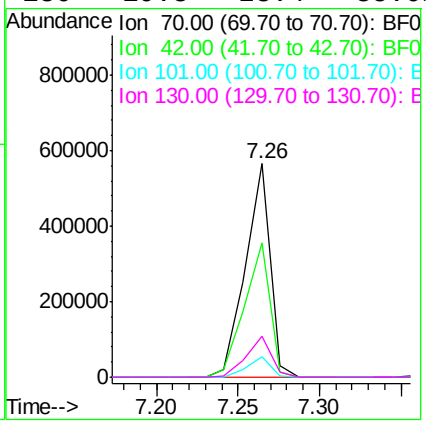




#19
n-Nitroso-di-n-propylamine
Concen: 43.68 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 70 Resp: 595644

Ion	Ratio	Lower	Upper
70	100		
42	62.7	33.3	49.9#
101	9.6	9.3	13.9
130	19.3	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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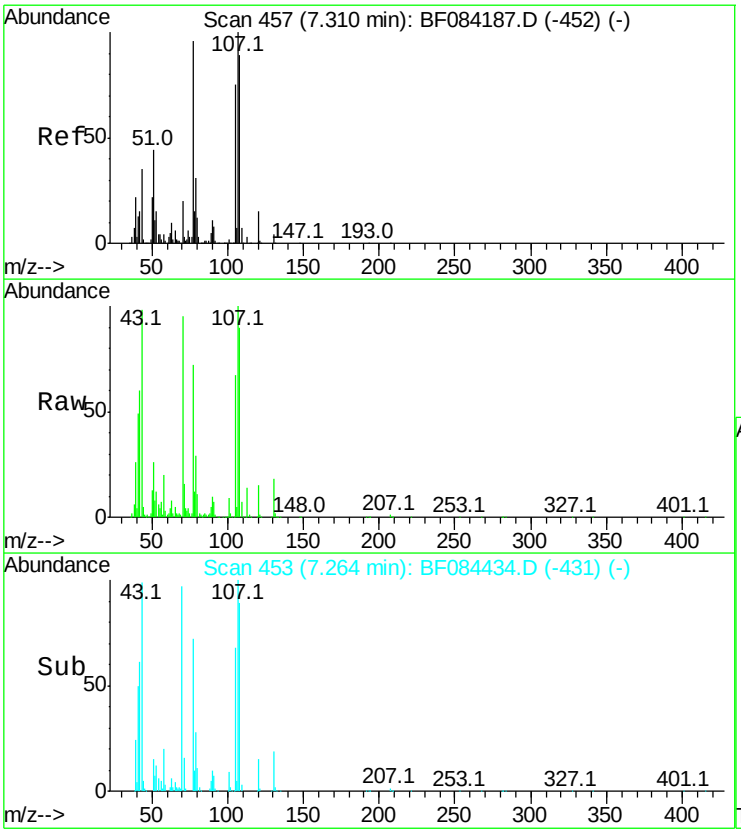
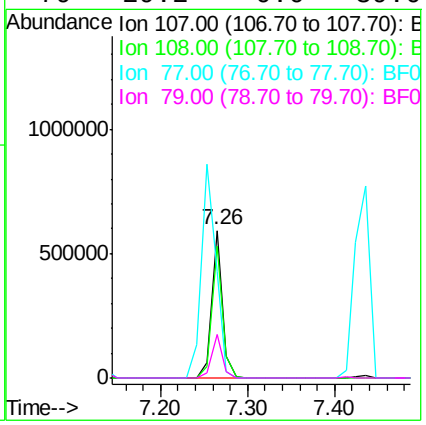
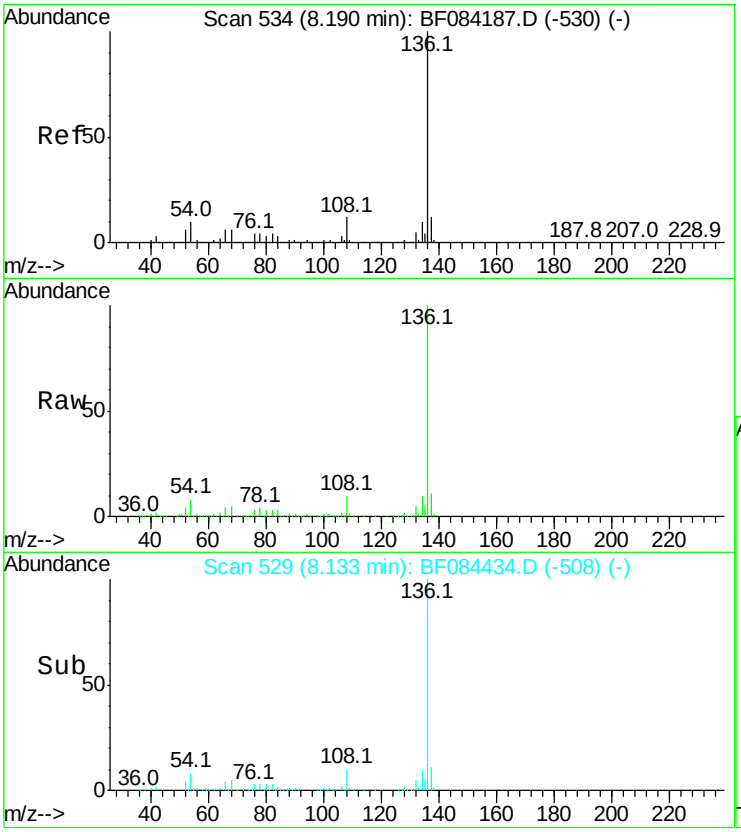


#20
3+4-Methylphenols
Concen: 28.72 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:107 Resp: 514851

Ion	Ratio	Lower	Upper
107	100		
108	89.8	74.6	114.6
77	71.8	0.7	40.7#
79	29.2	0.0	39.0

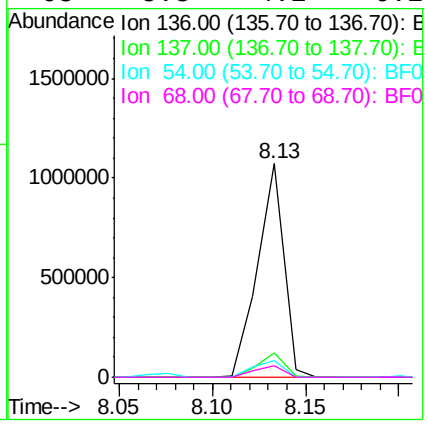




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:136 Resp: 1045019

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.8	5.8	8.8
68	5.3	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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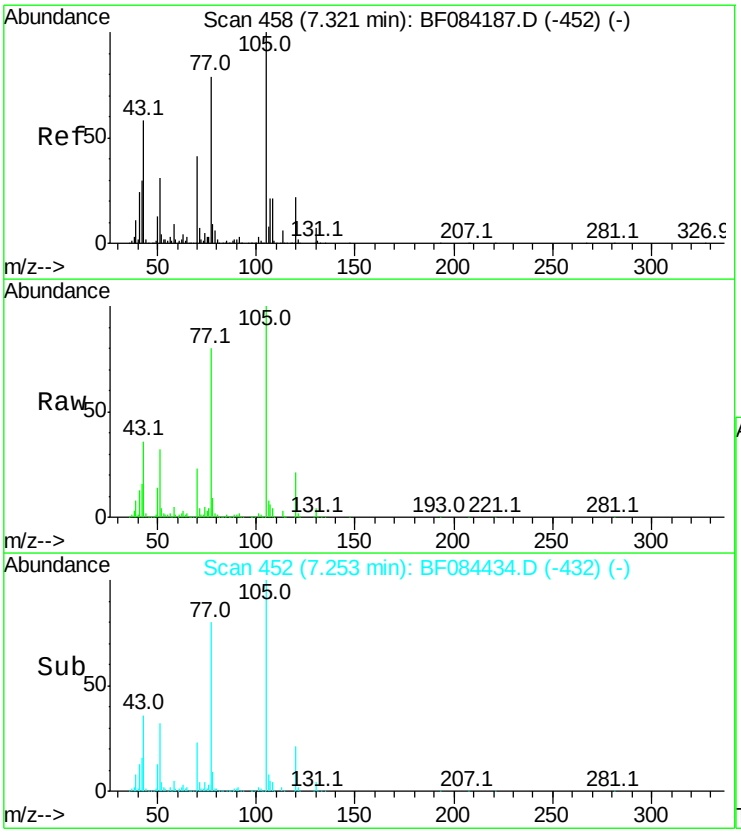
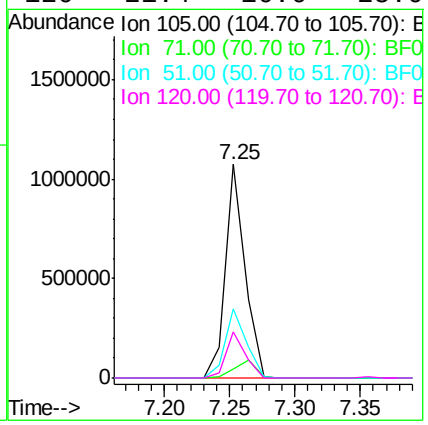
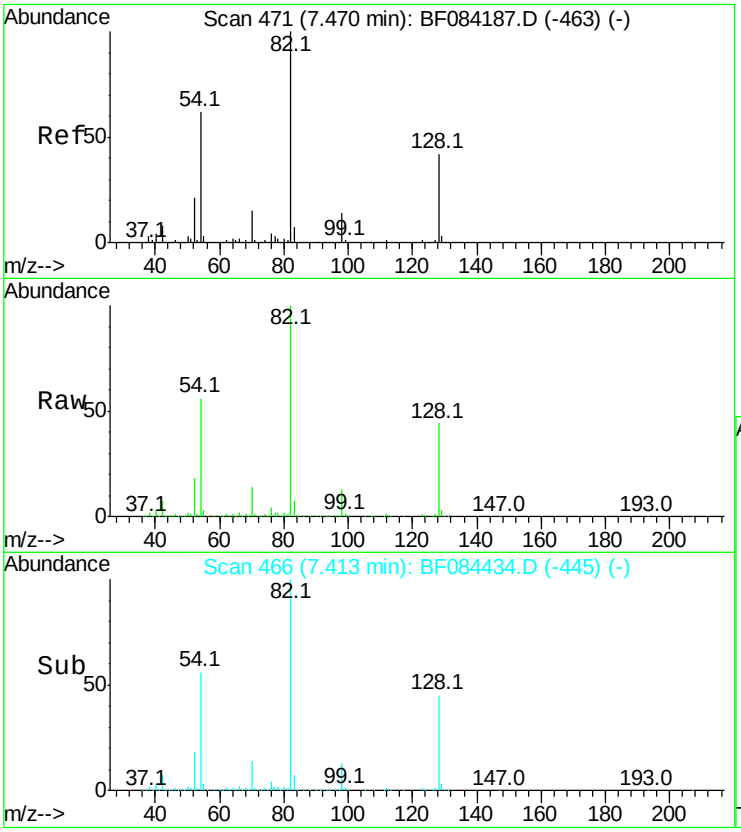


#22
Acetophenone
Concen: 44.40 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:105 Resp: 1115818

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.7	5.5
51	32.3	25.1	37.7
120	21.4	16.6	25.0

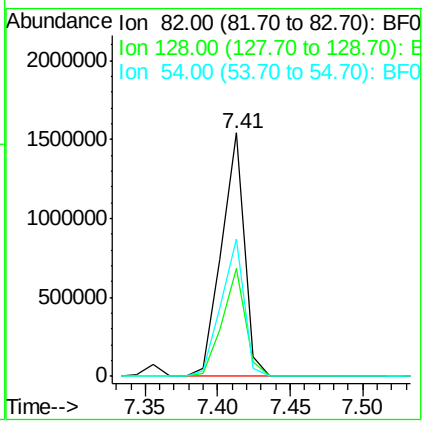




#23
Nitrobenzene-d5
Concen: 89.86 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 82 Resp: 1687299

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	56.2	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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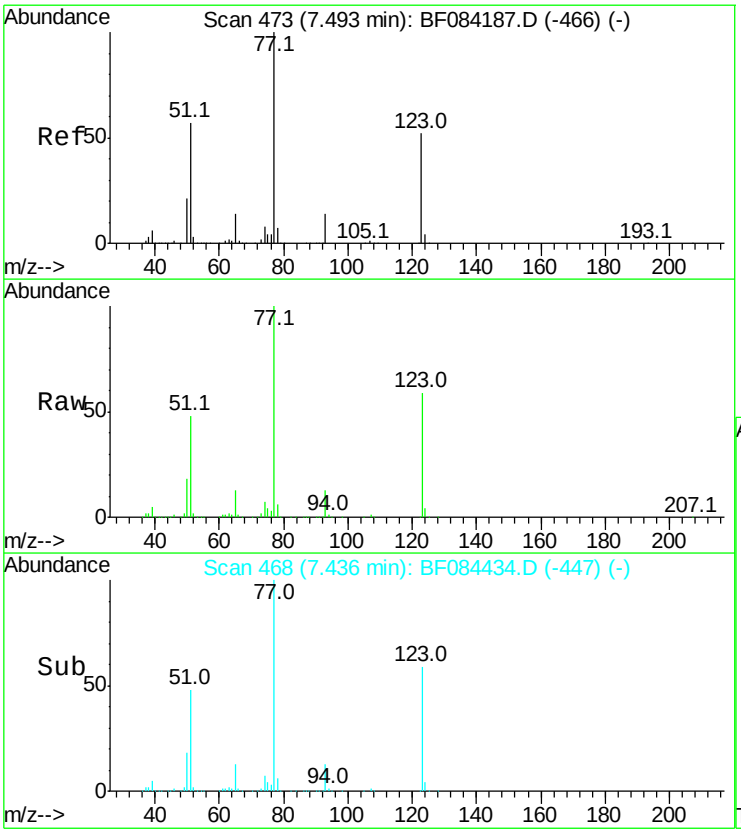
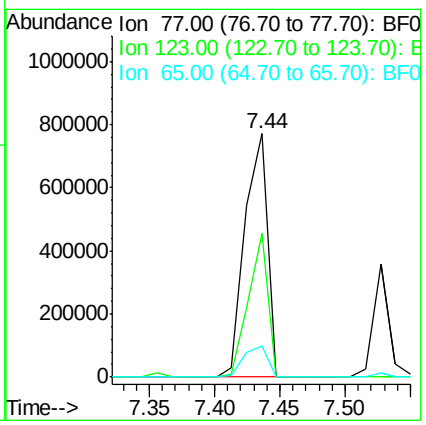
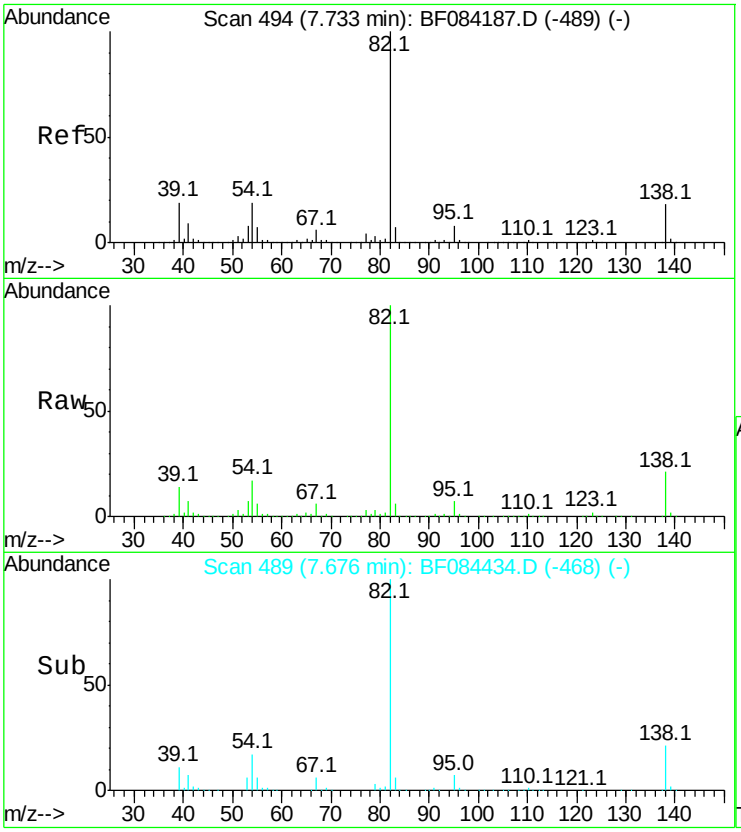


#24
Nitrobenzene
Concen: 48.77 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 77 Resp: 928694

Ion	Ratio	Lower	Upper
77	100		
123	59.0	37.4	56.2#
65	12.9	10.9	16.3

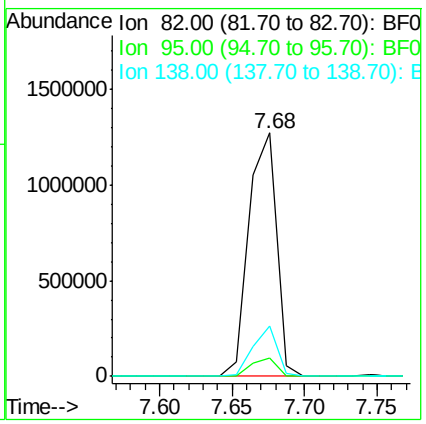




#25
Isophorone
Concen: 46.99 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 82 Resp: 1687360

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.6	10.0
138	20.5	13.6	20.4#



Instrument :
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ClientSampleId :
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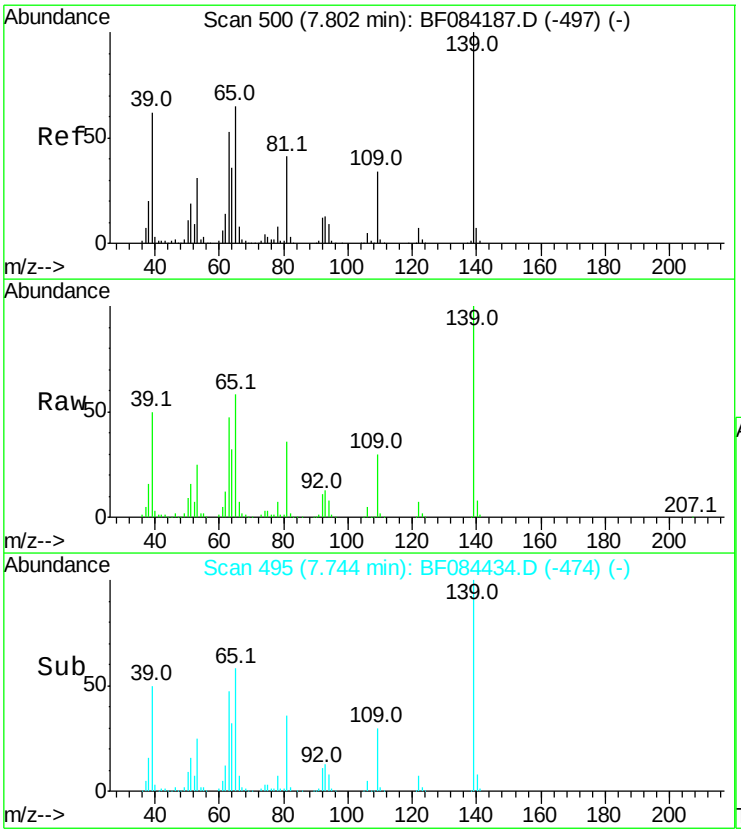
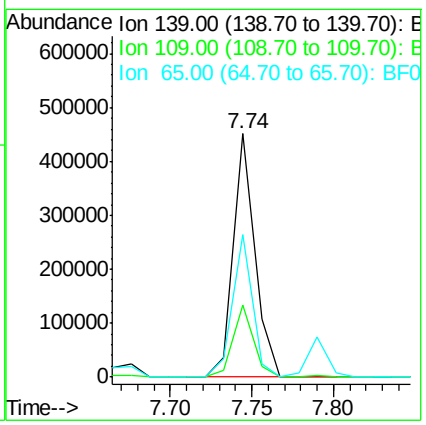
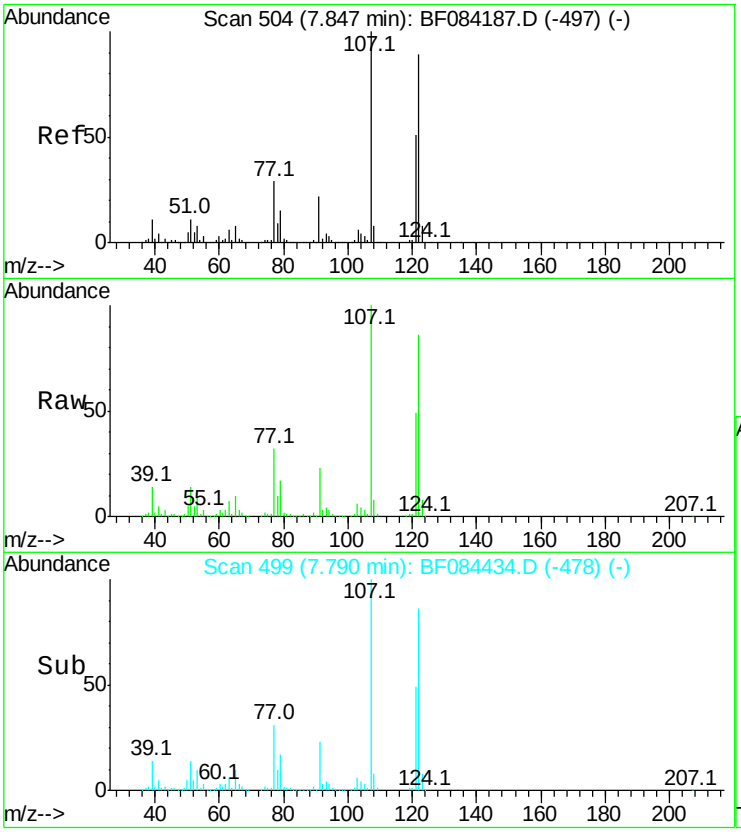


#26
2-Nitrophenol
Concen: 47.21 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:139 Resp: 409155

Ion	Ratio	Lower	Upper
139	100		
109	29.6	25.4	38.2
65	58.3	32.3	48.5#

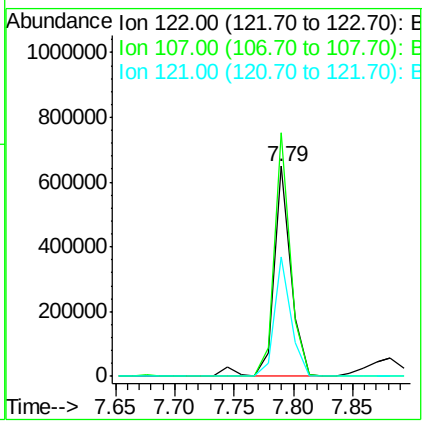




#27
2,4-Dimethylphenol
Concen: 37.10 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:122 Resp: 650931

Ion	Ratio	Lower	Upper
122	100		
107	115.9	99.1	148.7
121	56.9	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
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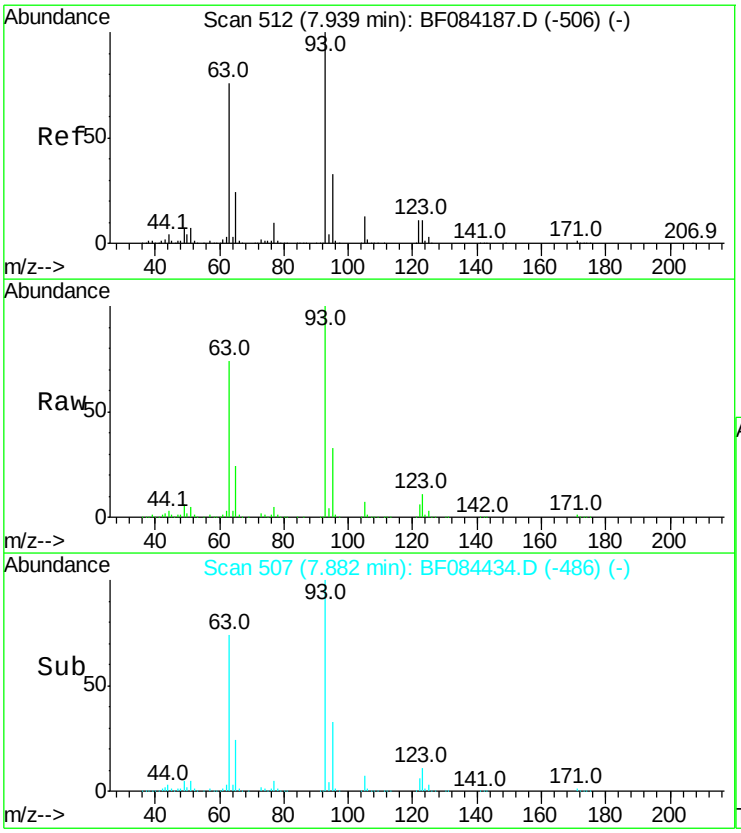
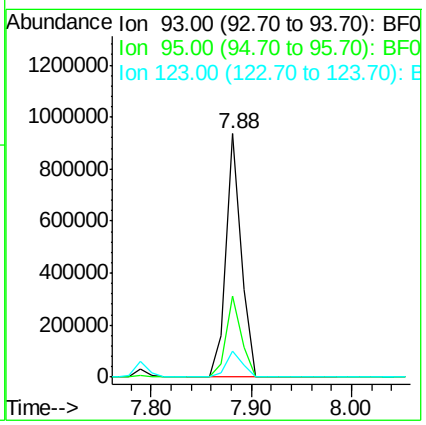
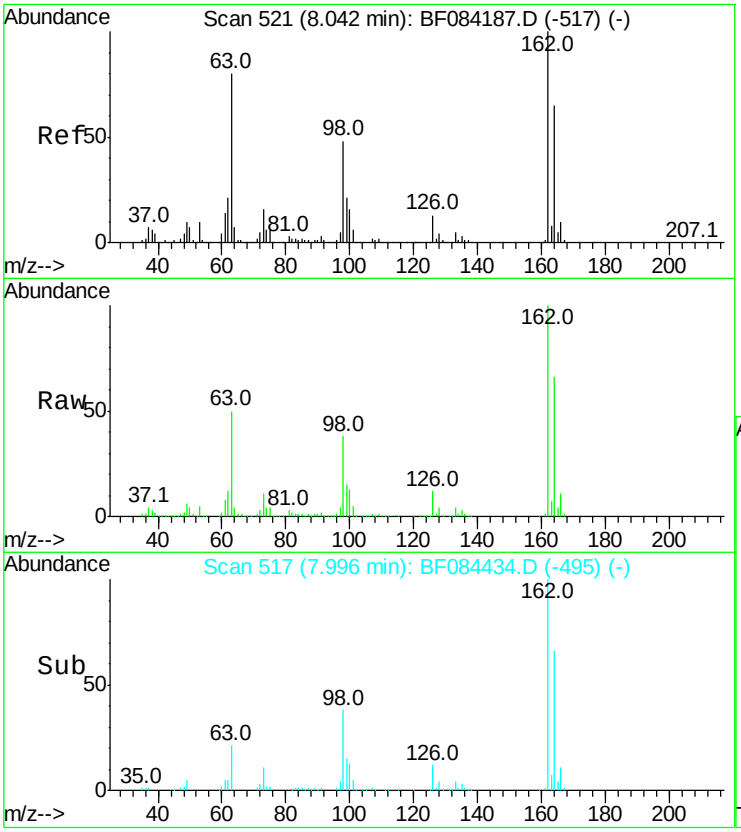


#28
bis(2-Chloroethoxy)methane
Concen: 44.91 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 93 Resp: 985204

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	10.8	8.6	12.8

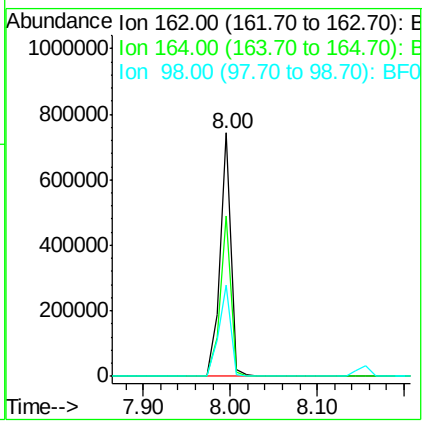




#29
2,4-Dichlorophenol
Concen: 45.23 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:162 Resp: 660985

Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.1	84.1
98	37.7	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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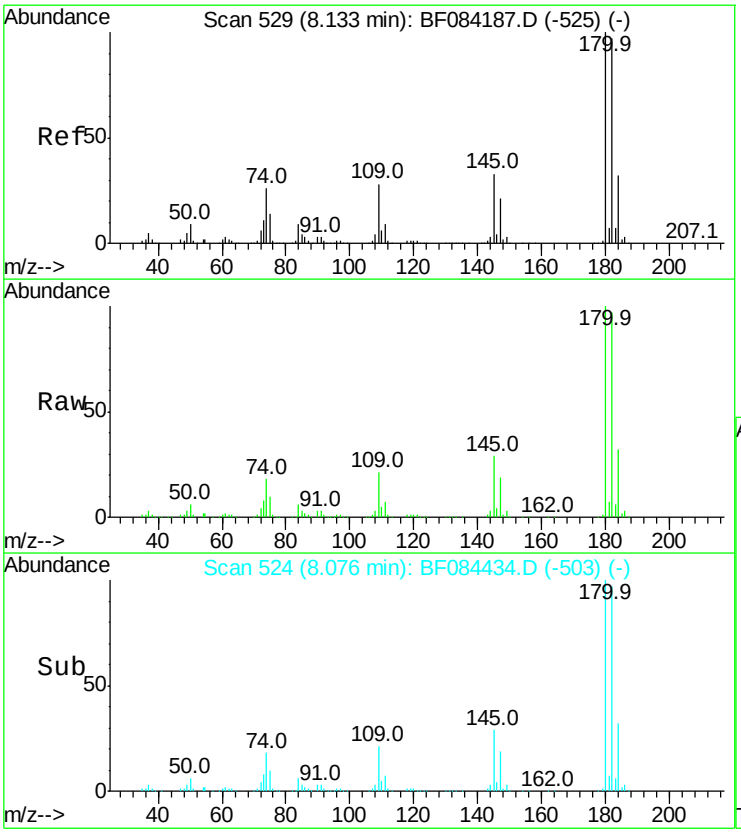
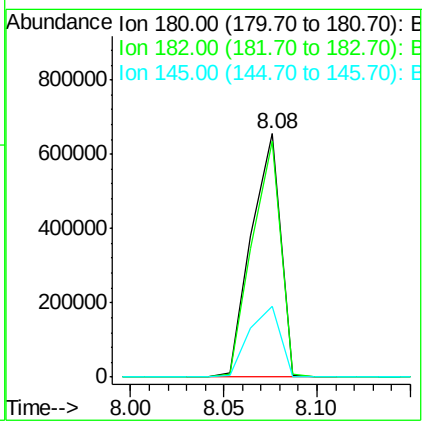
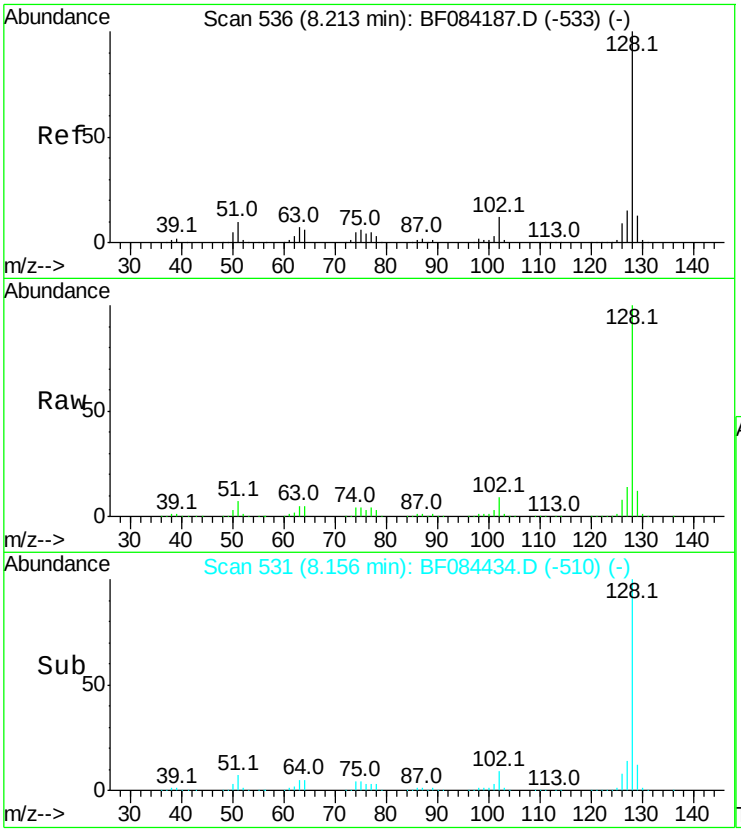


#30
1,2,4-Trichlorobenzene
Concen: 47.78 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:180 Resp: 720816

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	29.1	31.6	47.4#

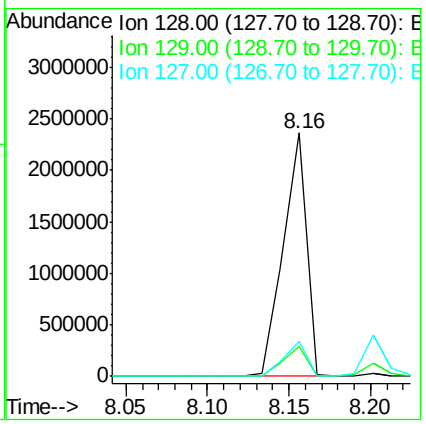




#31
Naphthalene
Concen: 49.92 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:128 Resp: 2366889

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.4	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
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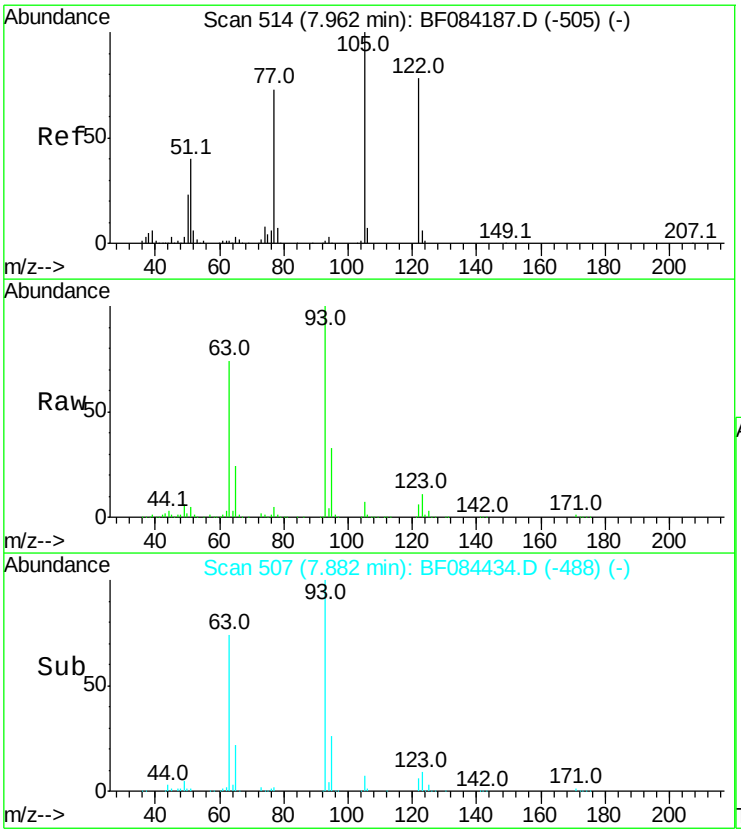
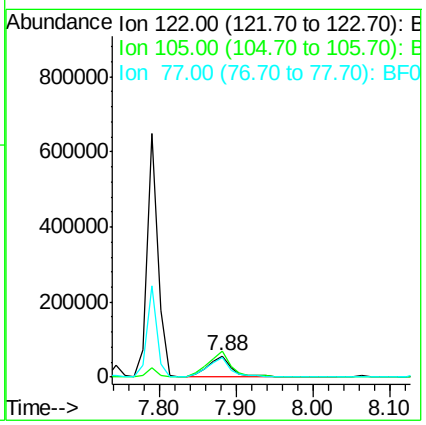
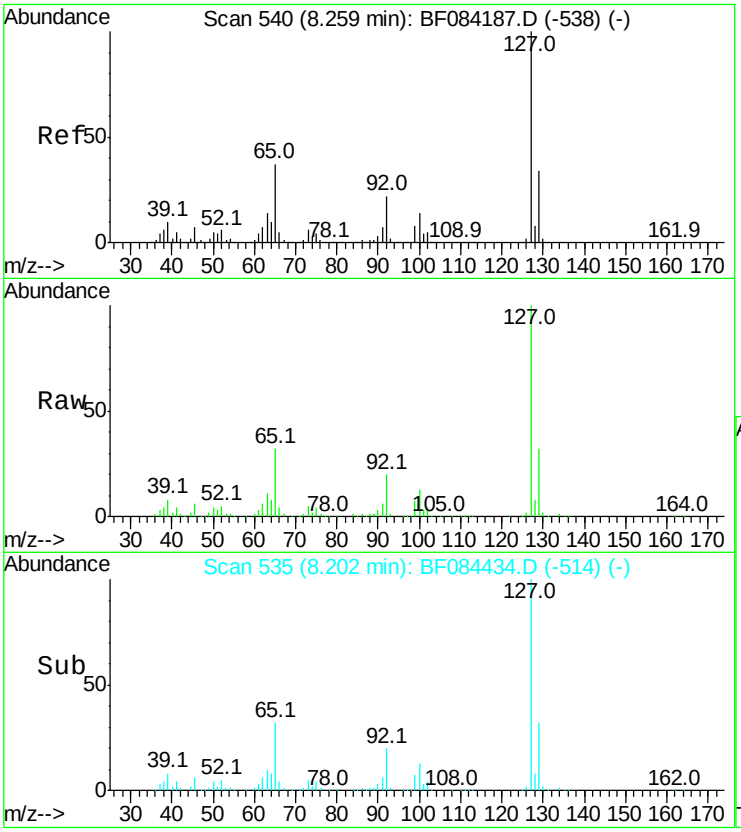


#32
Benzoic acid
Concen: 15.62 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:122 Resp: 121590

Ion	Ratio	Lower	Upper
122	100		
105	123.8	100.3	140.3
77	91.0	63.5	103.5

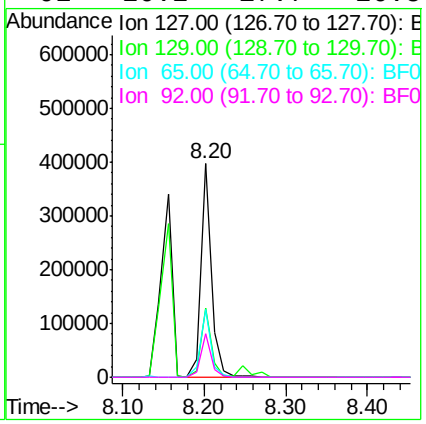




#33
4-Chloroaniline
Concen: 16.92 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:127 Resp: 367761

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	31.9	27.2	40.8
92	20.2	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
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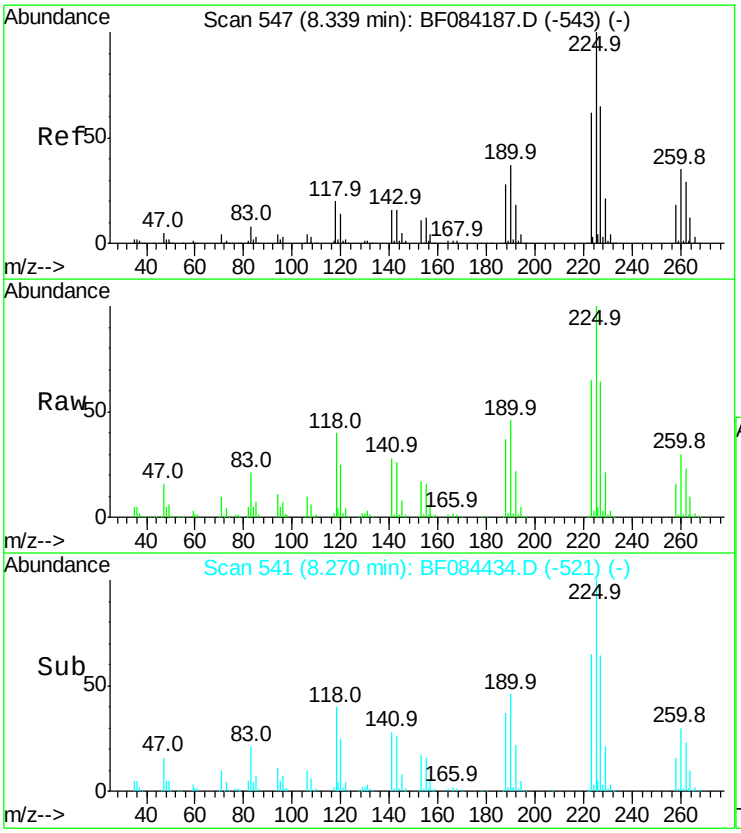
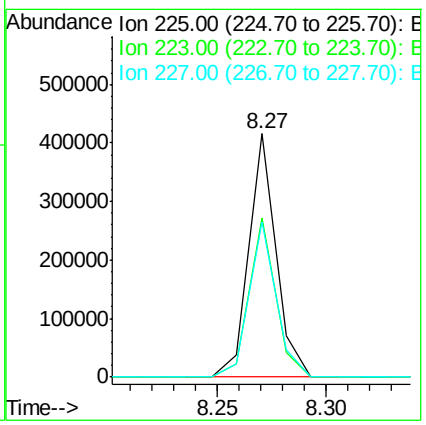
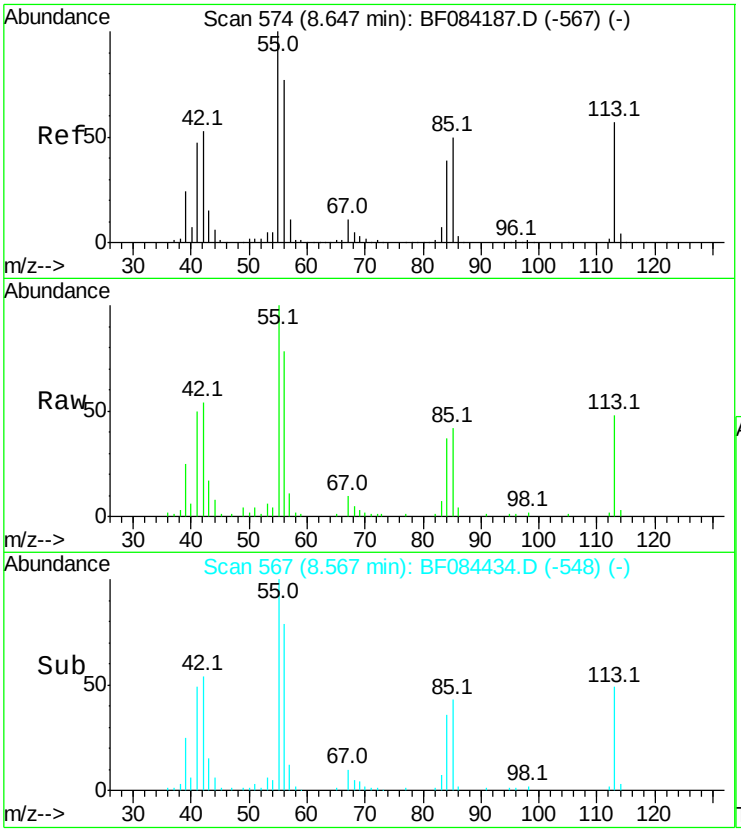


#34
Hexachlorobutadiene
Concen: 41.41 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:225 Resp: 359141

Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.4	74.0
227	63.6	50.8	76.2

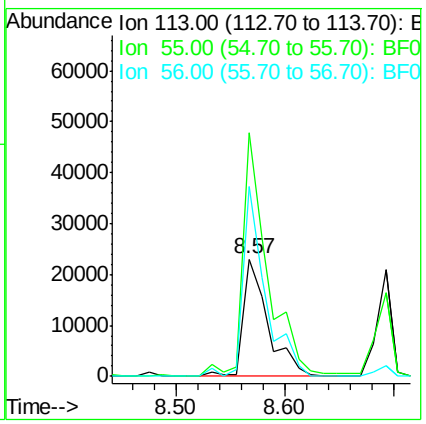




#35
Caprolactam
Concen: 7.36 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:113 Resp: 36237

Ion	Ratio	Lower	Upper
113	100		
55	207.9	116.9	156.9#
56	162.0	93.8	133.8#



Instrument :
BNA_F
ClientSampleId :
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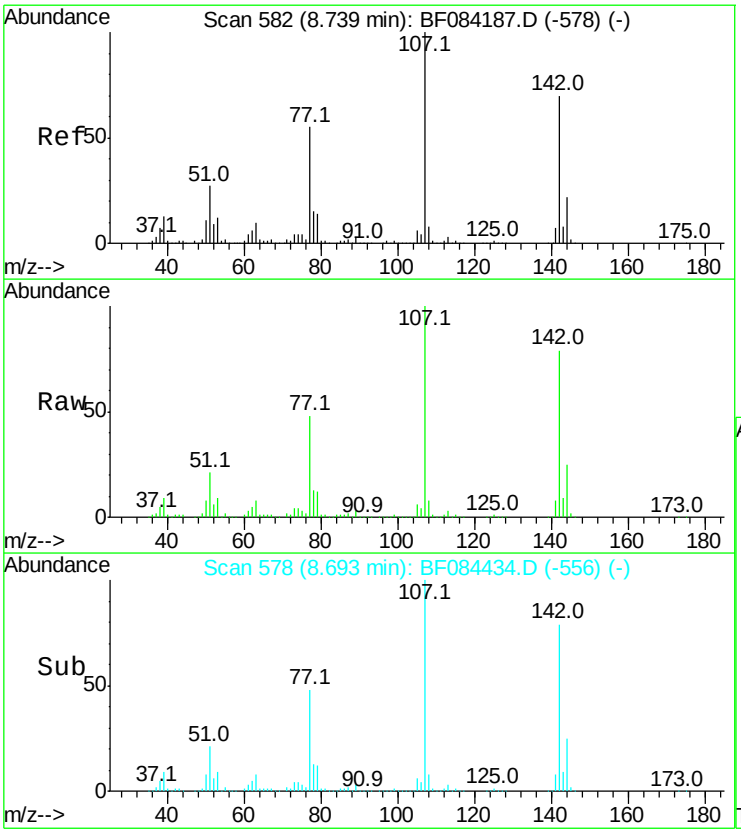
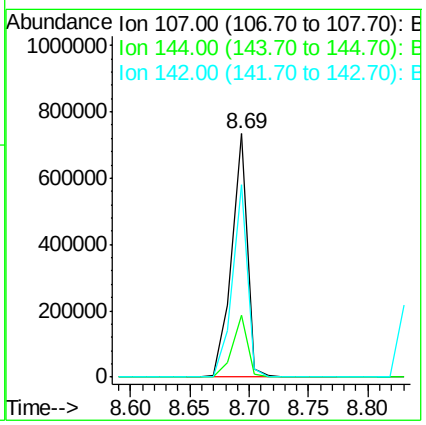
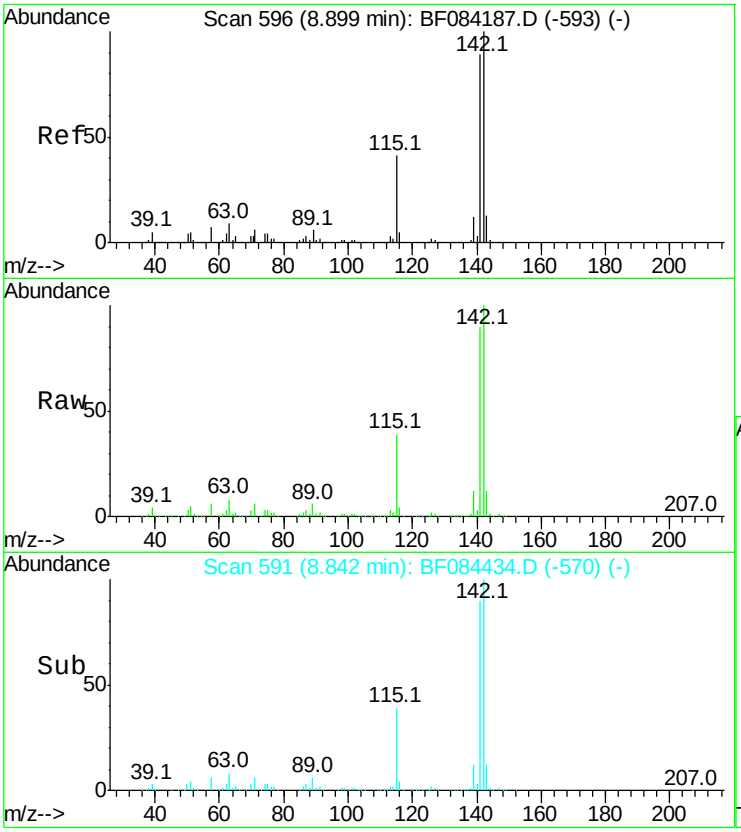


#36
4-Chloro-3-methylphenol
Concen: 41.40 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:107 Resp: 677775

Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.7	29.5
142	78.9	61.8	92.6

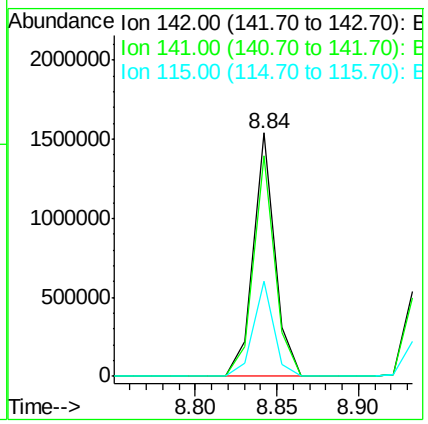




#37
2-Methylnaphthalene
Concen: 41.83 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:142 Resp: 1423591

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6
115	38.8	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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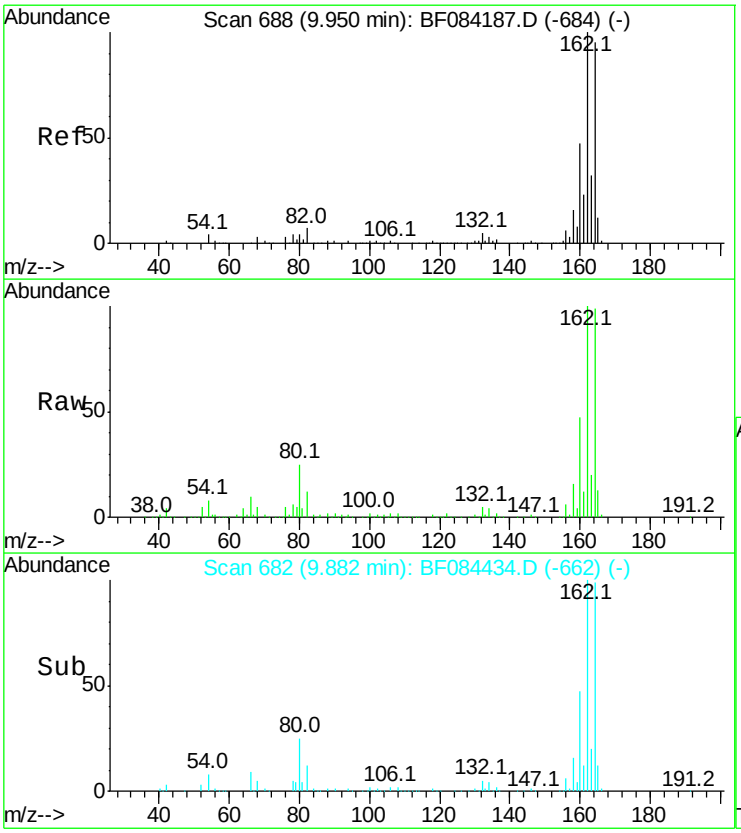
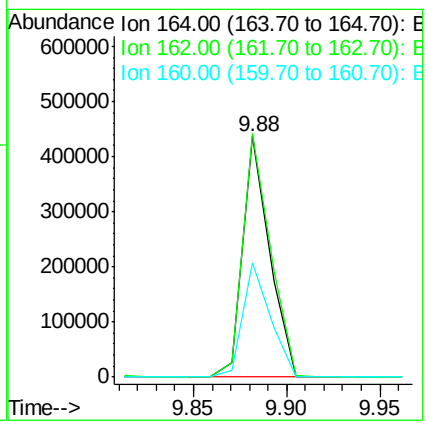
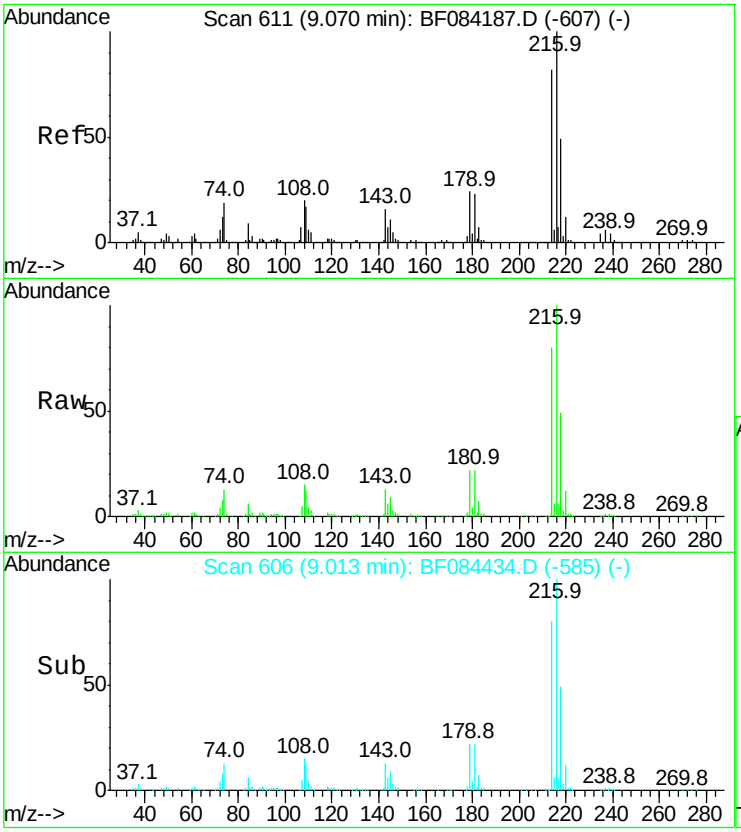


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:164 Resp: 436424

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	47.4	37.5	56.3

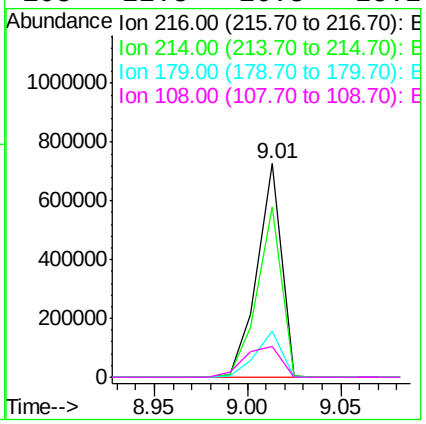




#39
1,2,4,5-Tetrachlorobenzene
Concen: 52.18 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:216 Resp: 654620

Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.2	96.2
179	23.0	18.7	28.1
108	22.3	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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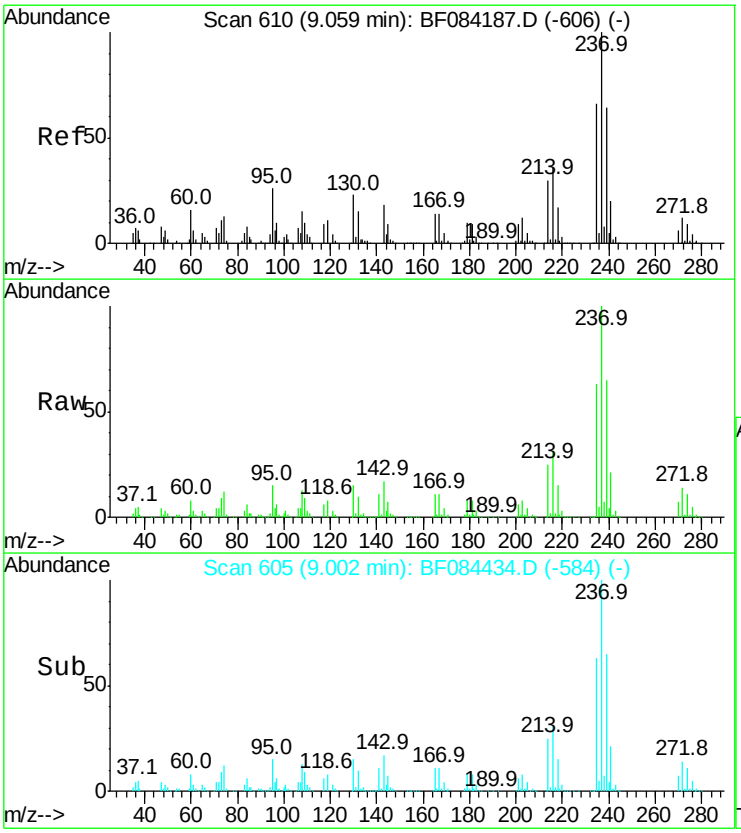
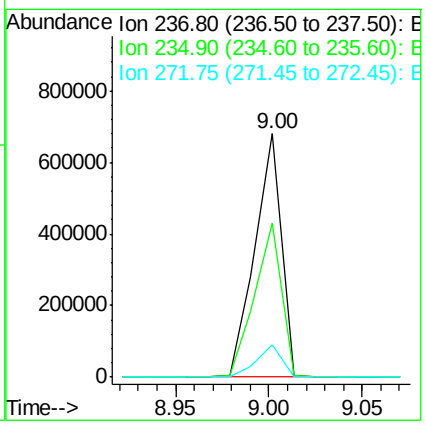
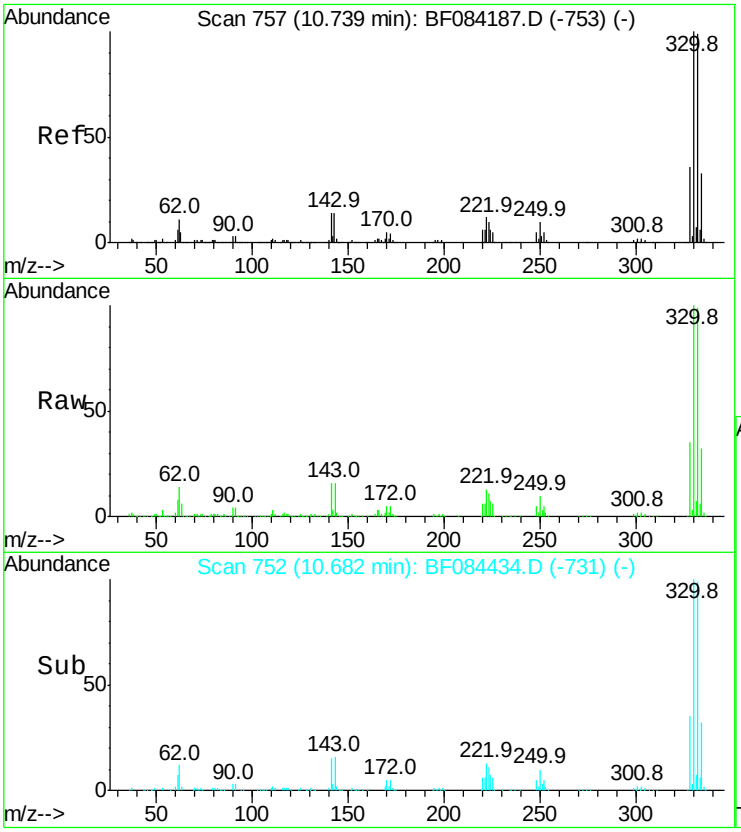


#40
Hexachlorocyclopentadiene
Concen: 88.15 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:237 Resp: 667681

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.1	83.1
272	13.5	0.0	35.1

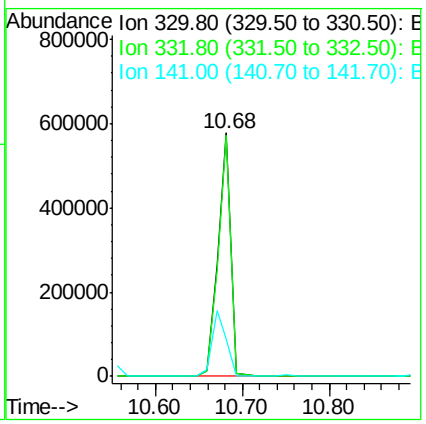




#41
2,4,6-Tribromophenol
Concen: 136.79 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:330 Resp: 602719

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	30.5	27.8	41.6



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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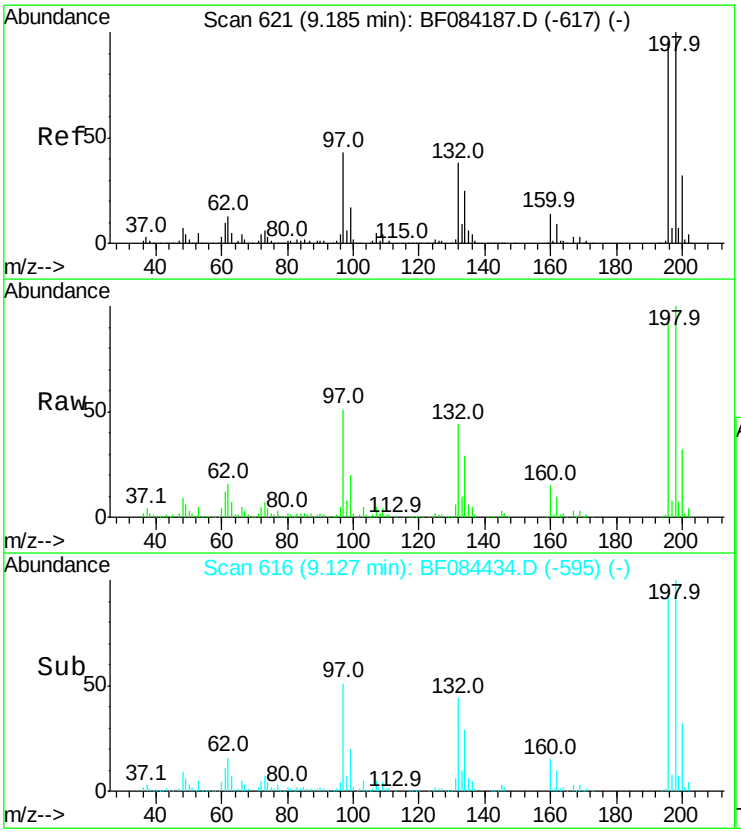
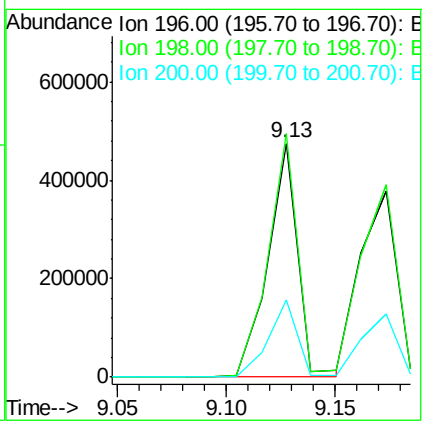
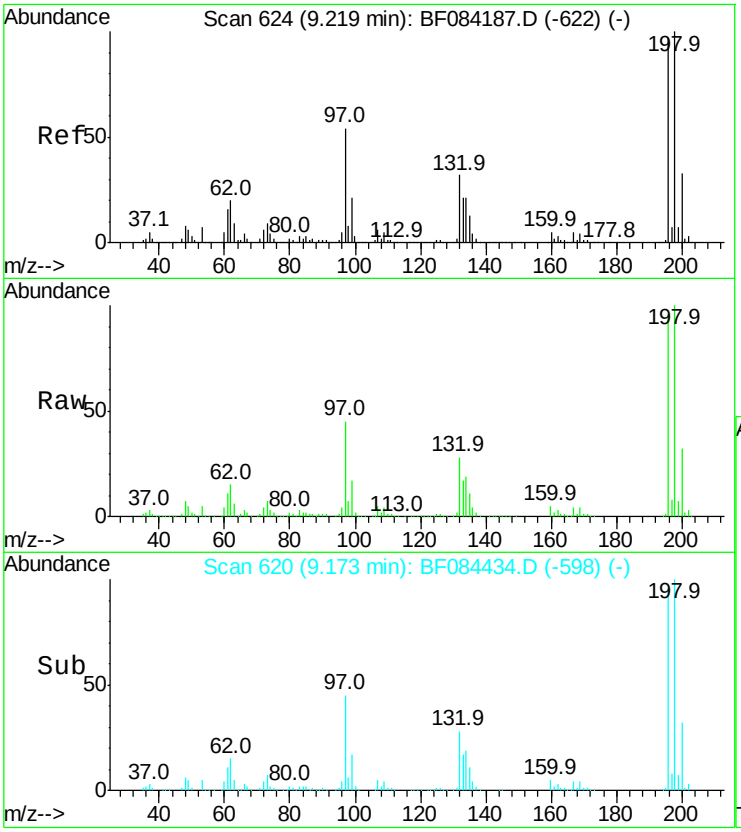


#42
2,4,6-Trichlorophenol
Concen: 48.46 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:196 Resp: 454886

Ion	Ratio	Lower	Upper
196	100		
198	104.1	77.7	116.5
200	33.2	24.6	37.0

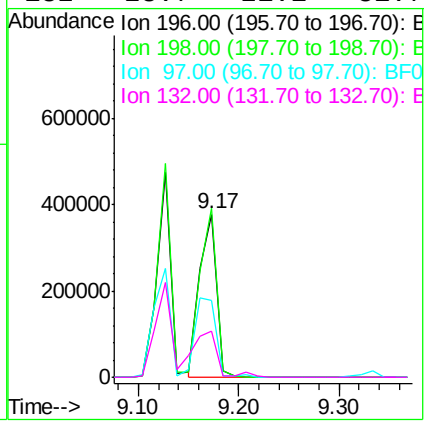




#43
2,4,5-Trichlorophenol
Concen: 49.47 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:196 Resp: 445197

Ion	Ratio	Lower	Upper
196	100		
198	103.9	79.0	118.6
97	47.2	33.0	49.6
132	28.7	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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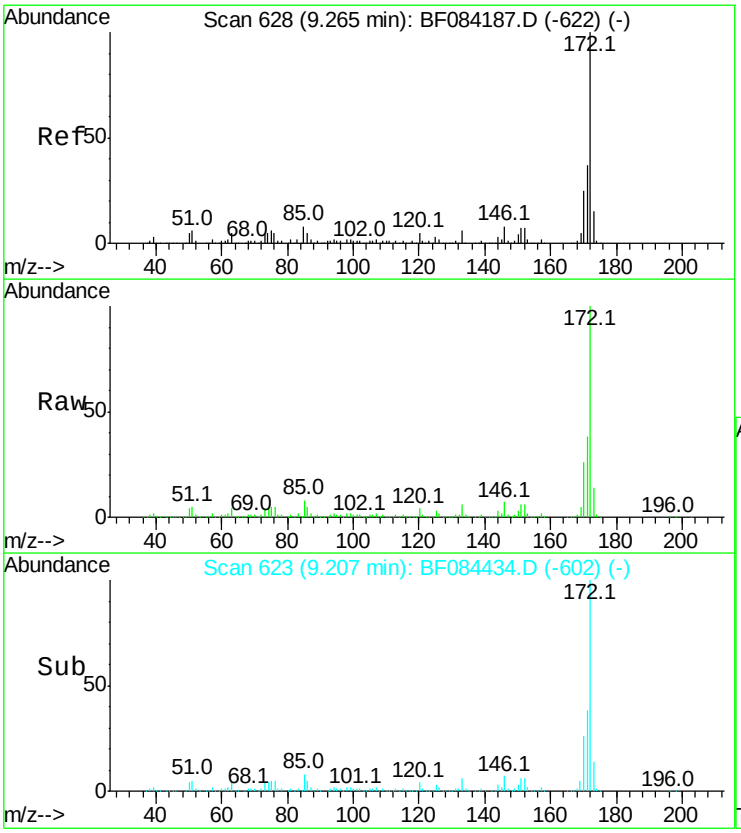
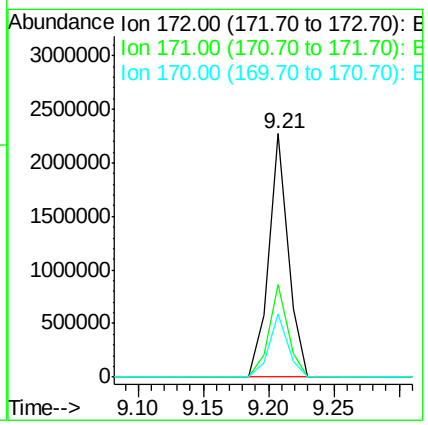
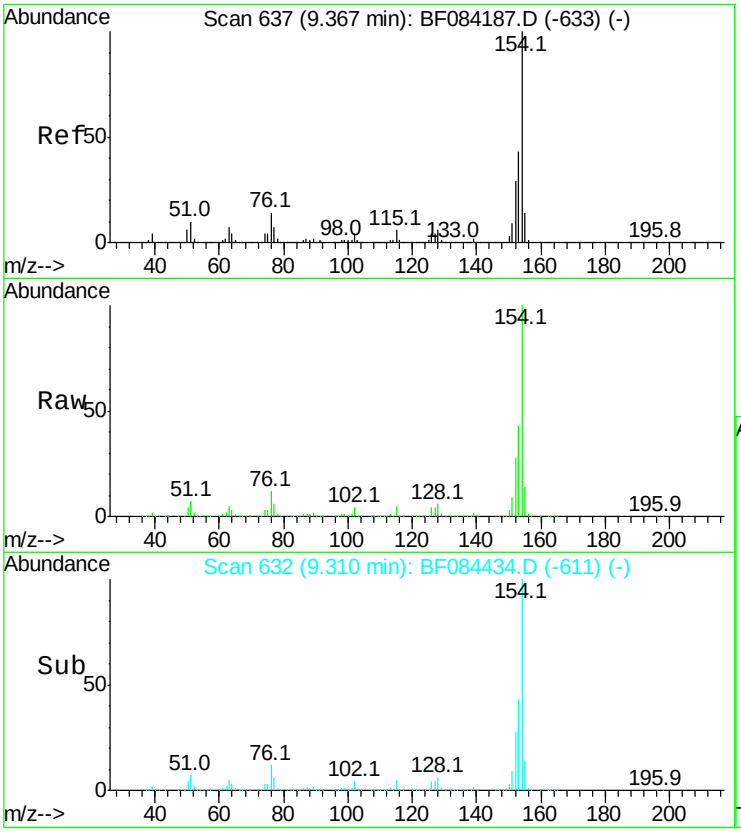


#44
2-Fluorobiphenyl
Concen: 97.70 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:172 Resp: 2400458

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.9	18.6	27.8

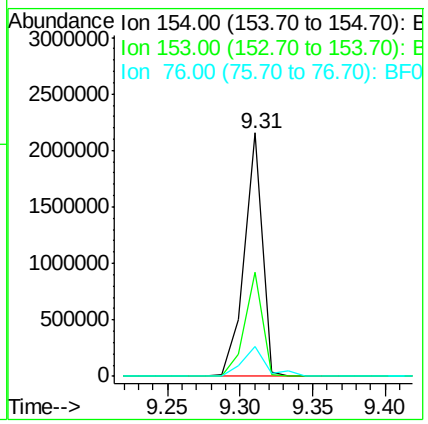




#45
1,1'-Biphenyl
Concen: 53.67 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:154 Resp: 1861597

Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.6	61.6
76	12.3	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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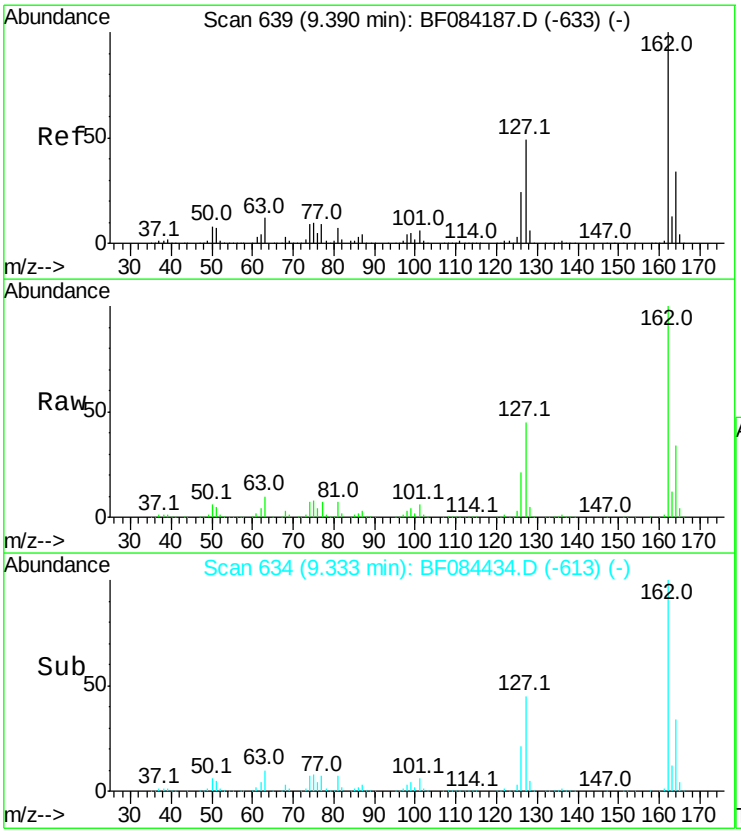
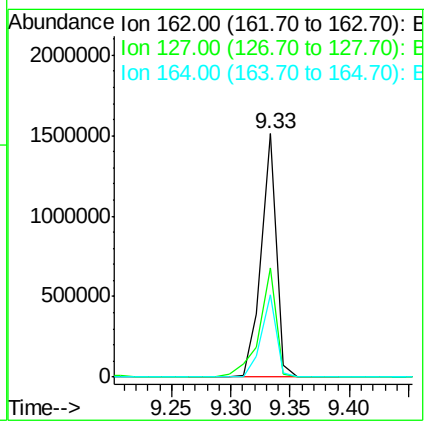
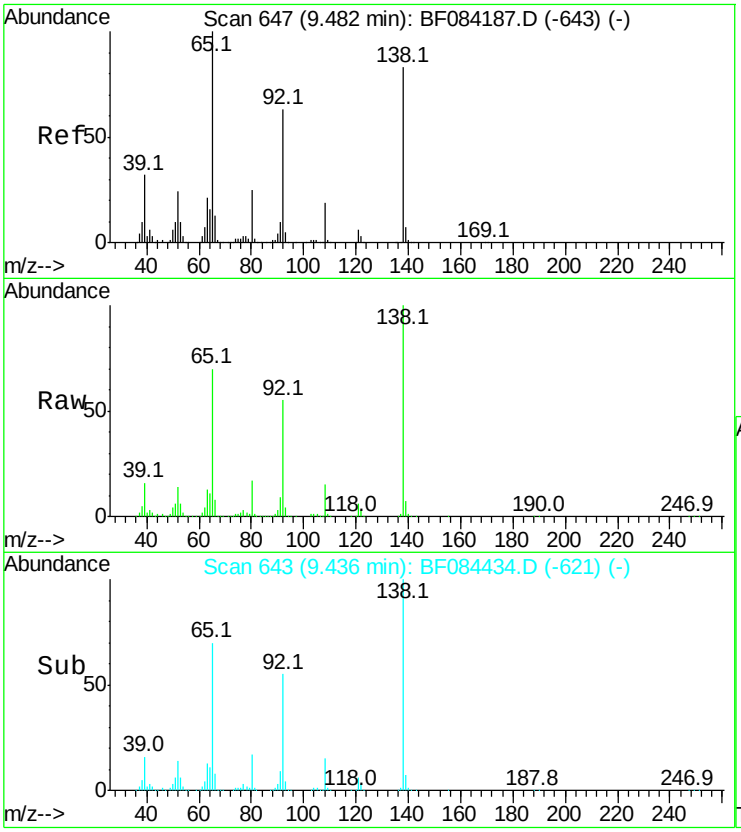


#46
2-Chloronaphthalene
Concen: 50.14 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:162 Resp: 1365987

Ion	Ratio	Lower	Upper
162	100		
127	44.9	40.2	60.4
164	34.0	25.7	38.5

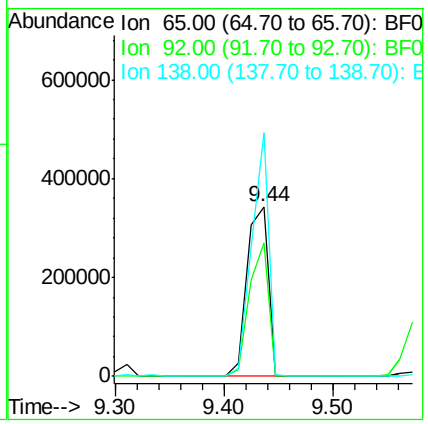




#47
2-Nitroaniline
Concen: 51.87 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 65 Resp: 466407

Ion	Ratio	Lower	Upper
65	100		
92	78.9	53.4	80.2
138	143.7	71.1	106.7#



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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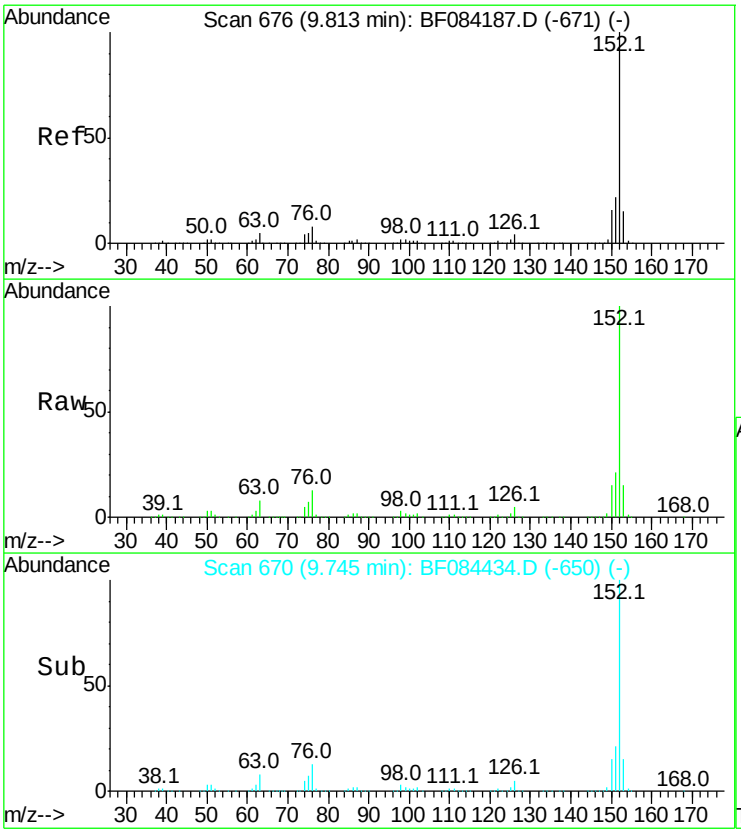
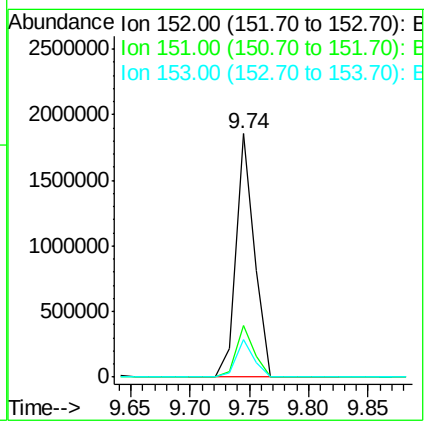
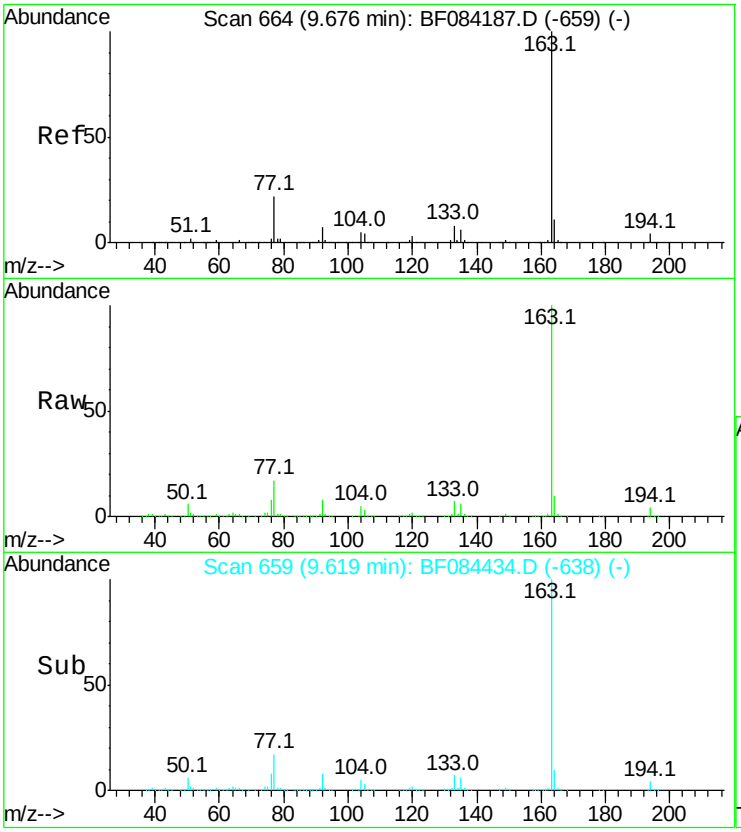


#48
Acenaphthylene
Concen: 49.35 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:152 Resp: 1986442

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	15.2	10.4	15.6

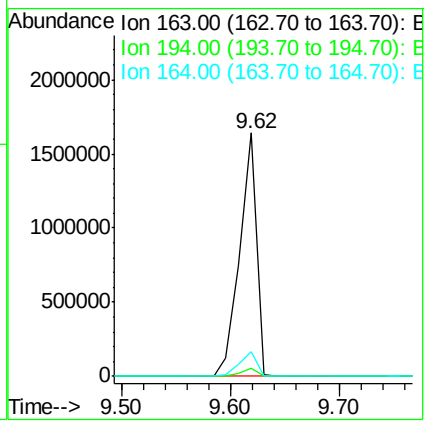




#49
Dimethylphthalate
Concen: 55.59 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:163 Resp: 1734329

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	10.4	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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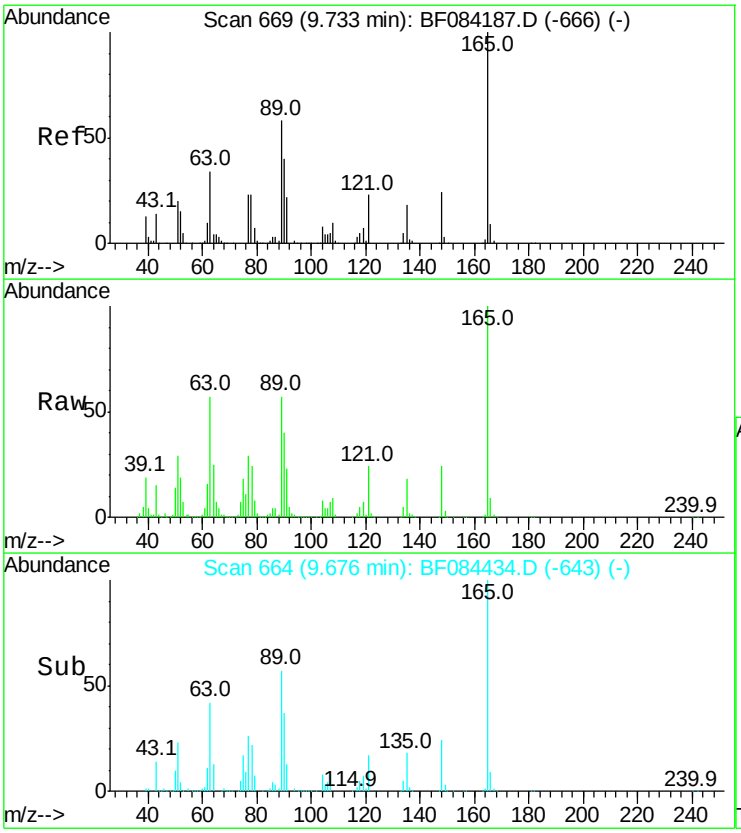
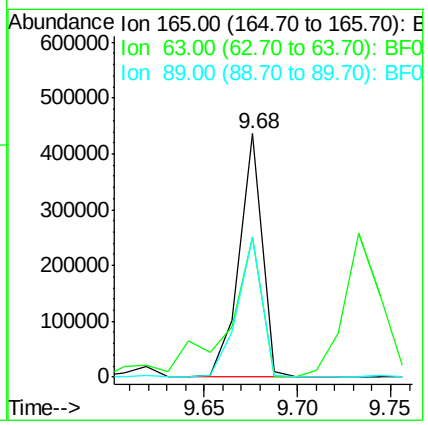
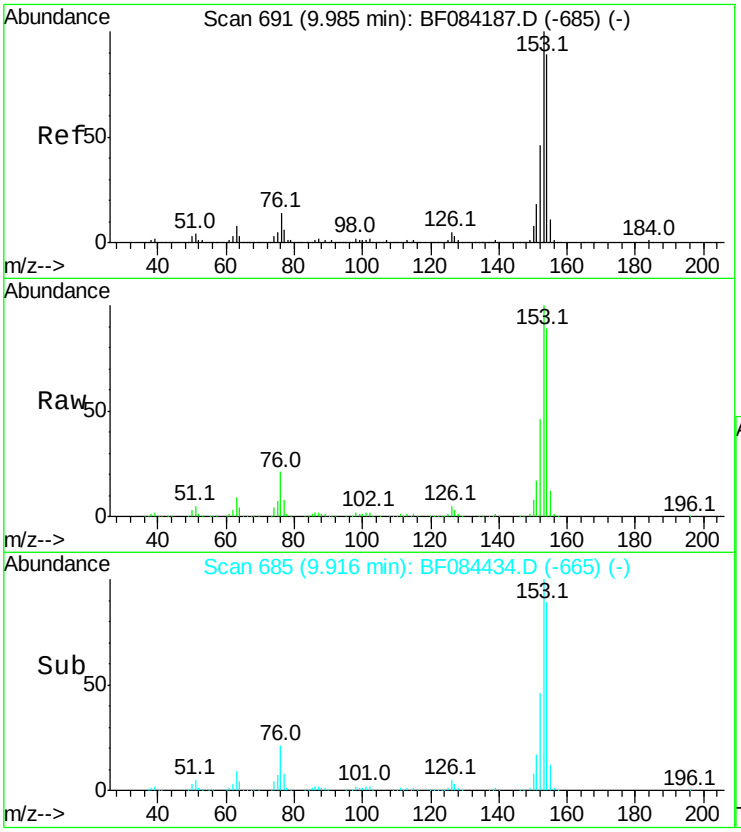


#50
2,6-Dinitrotoluene
Concen: 55.21 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:165 Resp: 377771

Ion	Ratio	Lower	Upper
165	100		
63	57.3	28.8	43.2#
89	57.3	35.1	52.7#

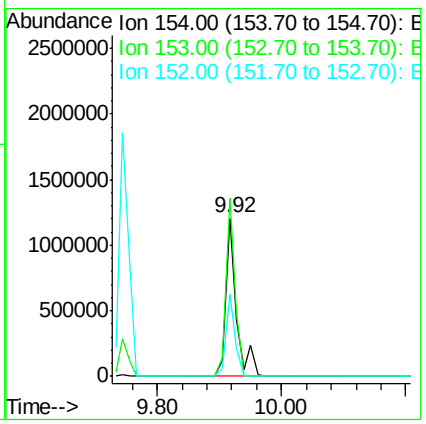




#51
Acenaphthene
Concen: 53.09 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:154 Resp: 1433429

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.5	137.3
152	52.0	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
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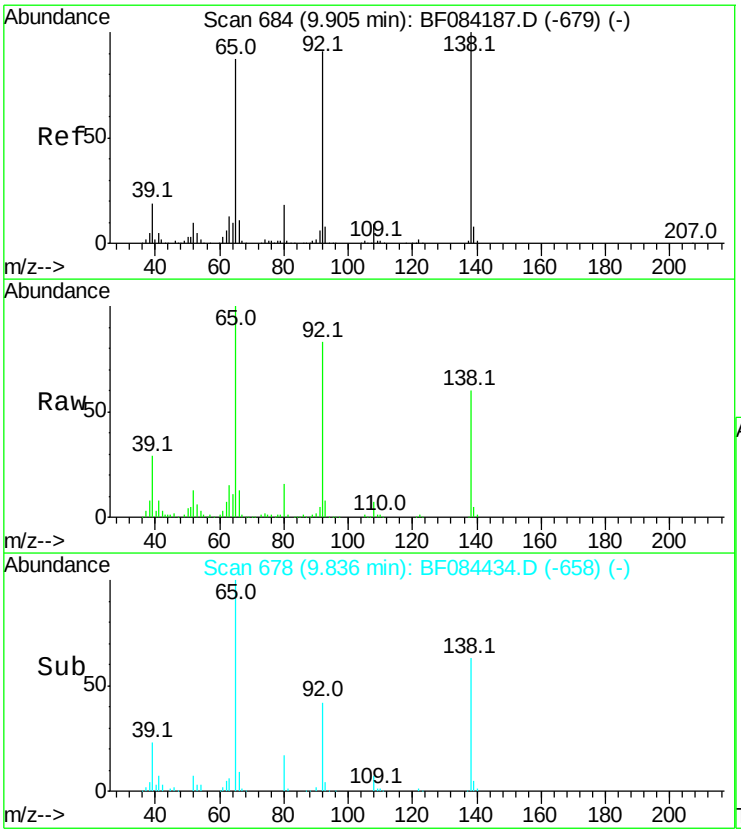
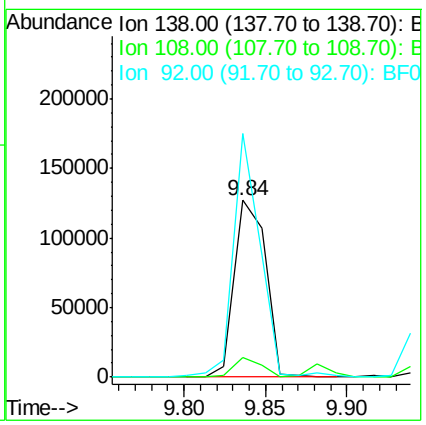
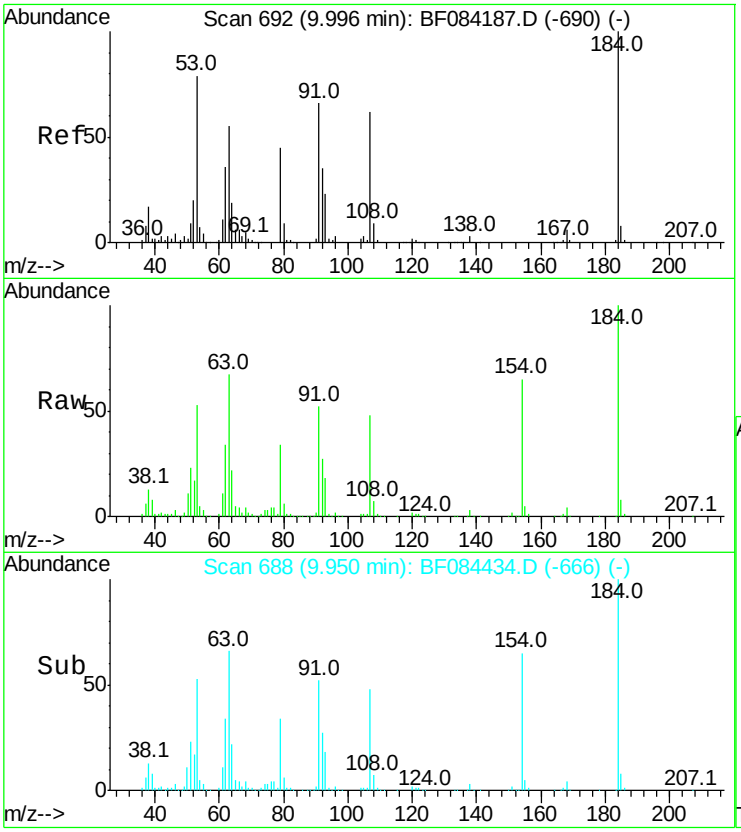


#52
3-Nitroaniline
Concen: 19.83 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:138 Resp: 168153

Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.5	15.7
92	137.6	103.9	155.9

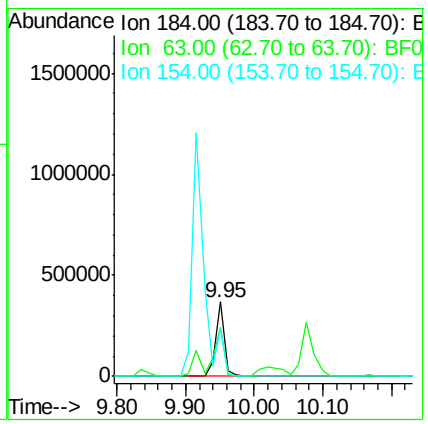




#53
2,4-Dinitrophenol
Concen: 114.49 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:184 Resp: 338399

Ion	Ratio	Lower	Upper
184	100		
63	66.6	43.1	64.7#
154	64.9	60.5	90.7



Instrument :
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ClientSampleId :
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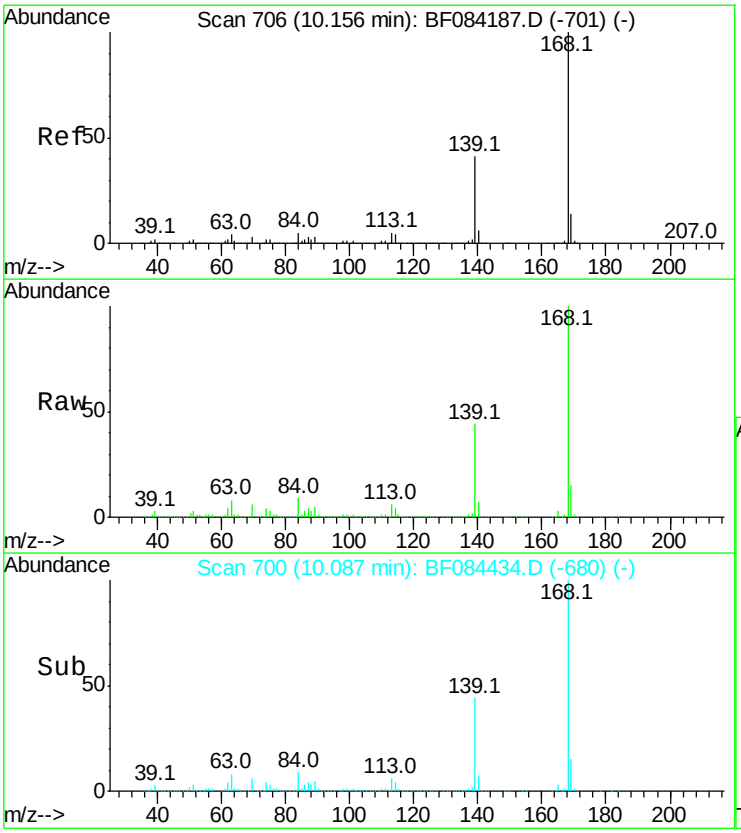
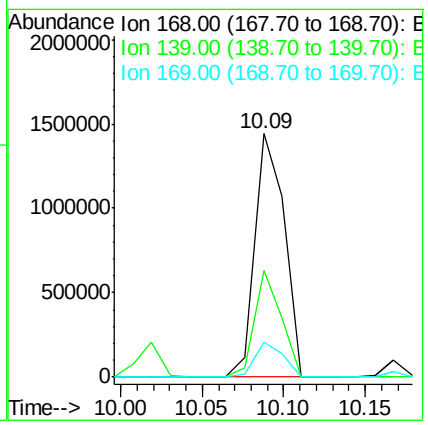
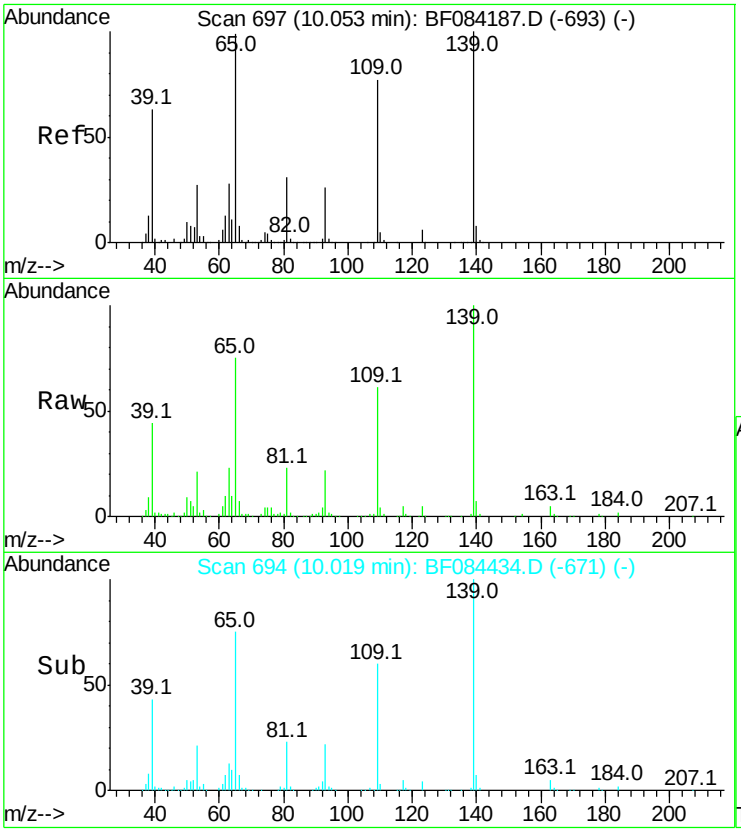


#54
Dibenzofuran
Concen: 52.25 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:168 Resp: 1810512

Ion	Ratio	Lower	Upper
168	100		
139	43.8	30.5	45.7
169	14.5	10.4	15.6

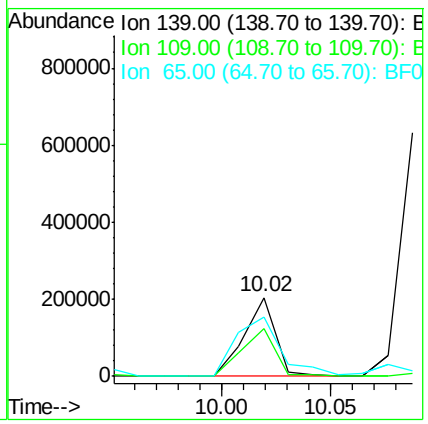




#55
4-Nitrophenol
Concen: 33.30 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:139 Resp: 204958

Ion	Ratio	Lower	Upper
139	100		
109	60.6	58.5	98.5
65	75.1	57.6	97.6



Instrument :
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ClientSampleId :
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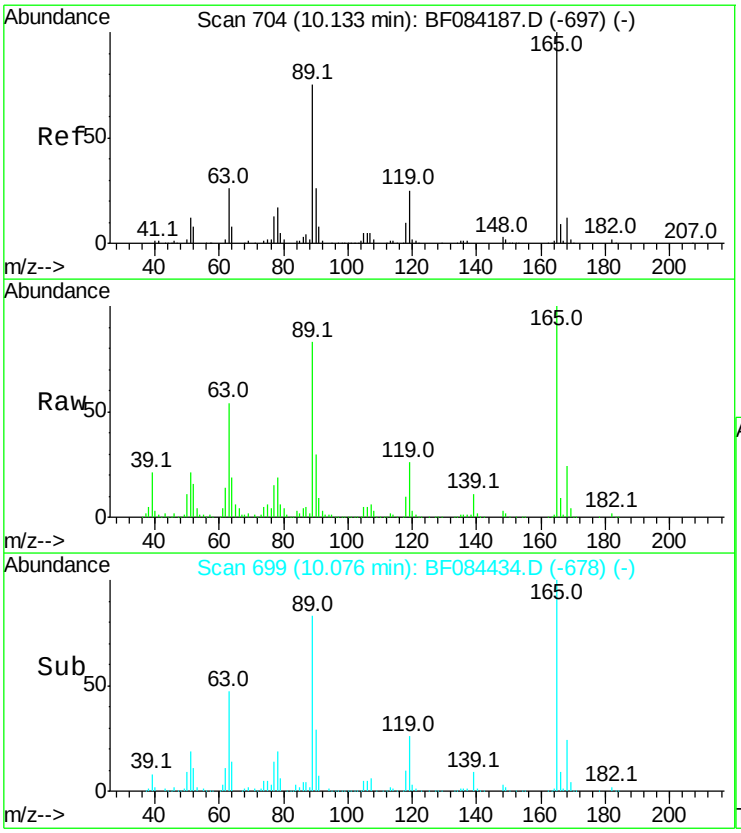
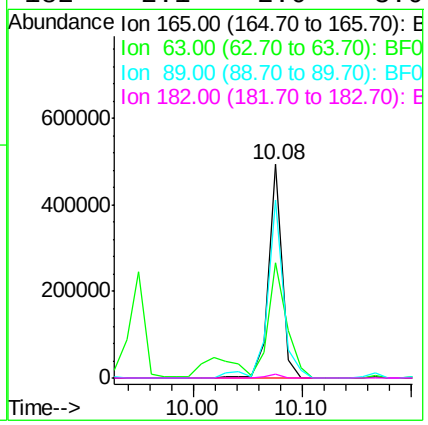
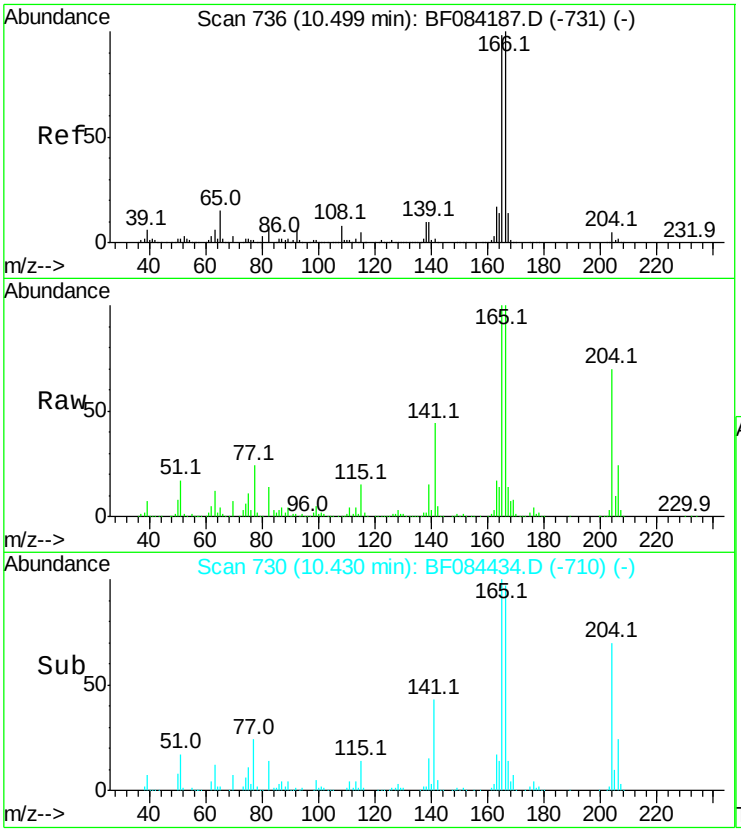


#56
2,4-Dinitrotoluene
Concen: 49.62 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:165 Resp: 429764

Ion	Ratio	Lower	Upper
165	100		
63	53.7	36.7	55.1
89	83.2	61.9	92.9
182	2.1	2.0	3.0

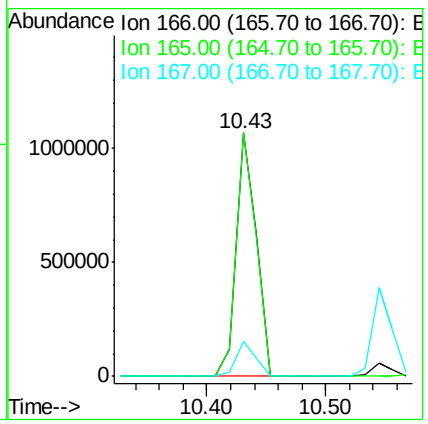




#57
Fluorene
Concen: 46.24 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:166 Resp: 1248513

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.1	118.7
167	14.4	10.4	15.6



Instrument :
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ClientSampleId :
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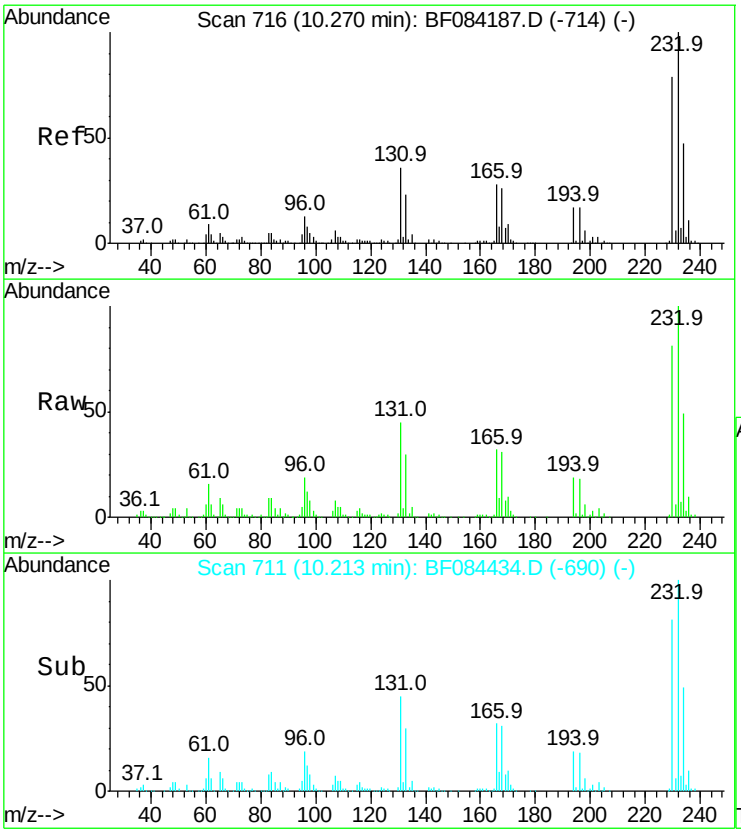
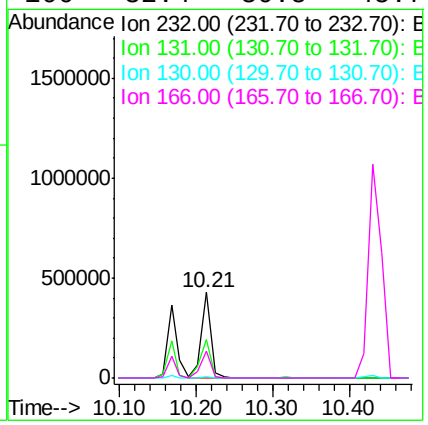
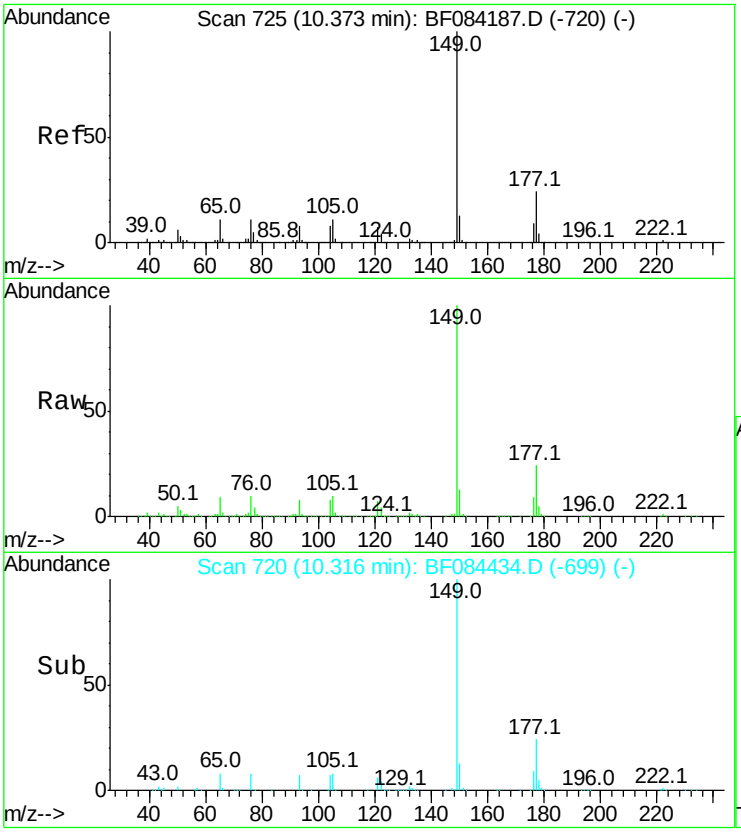


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.65 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:232 Resp: 366096

Ion	Ratio	Lower	Upper
232	100		
131	49.7	47.0	70.6
130	2.3	2.0	3.0
166	32.4	30.5	45.7

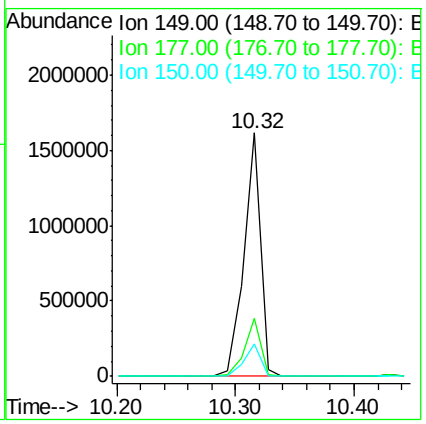




#59
Diethylphthalate
Concen: 51.19 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:149 Resp: 1574790

Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.3	25.9
150	13.3	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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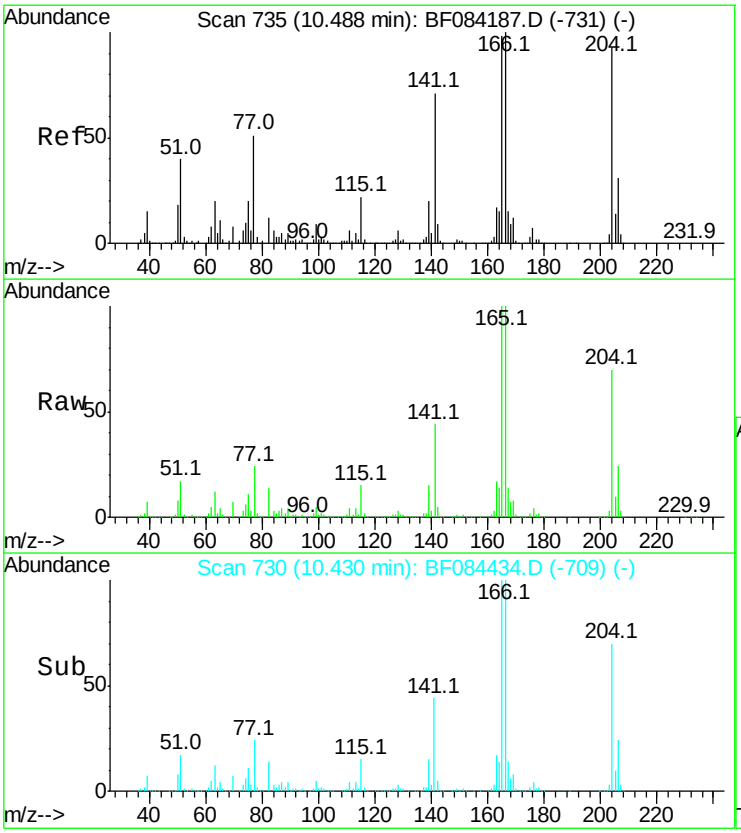
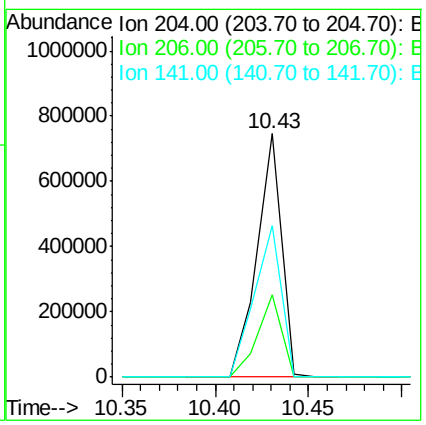
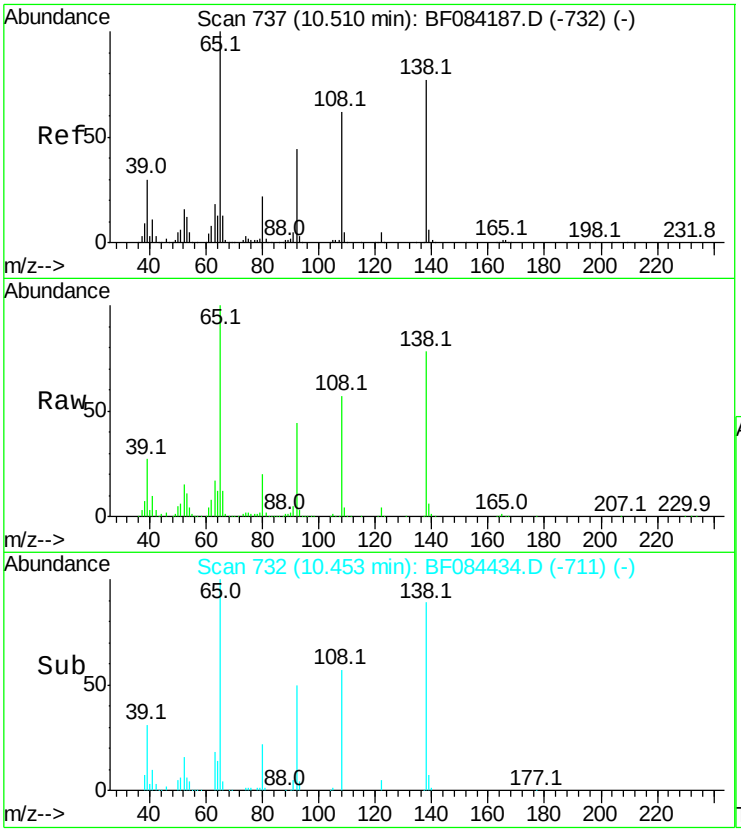


#60
4-Chlorophenyl-phenylether
Concen: 62.36 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:204 Resp: 676620

Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	62.4	55.1	82.7

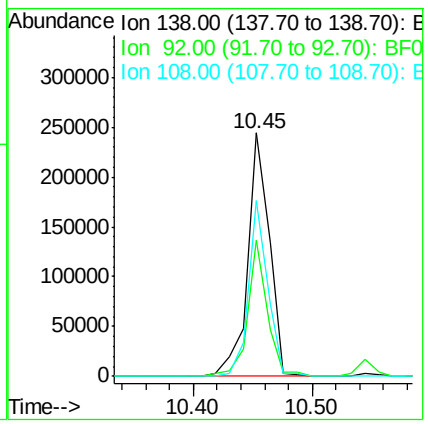




#61
4-Nitroaniline
Concen: 41.28 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:138 Resp: 311993

Ion	Ratio	Lower	Upper
138	100		
92	56.1	32.6	72.6
108	72.0	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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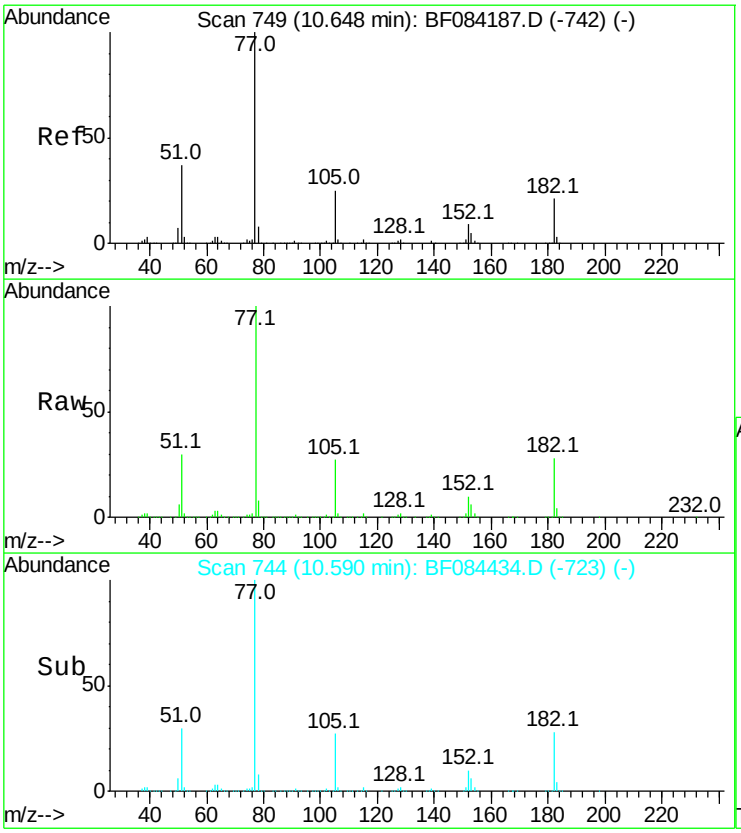
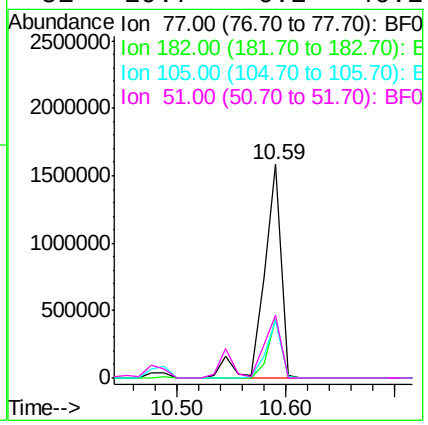
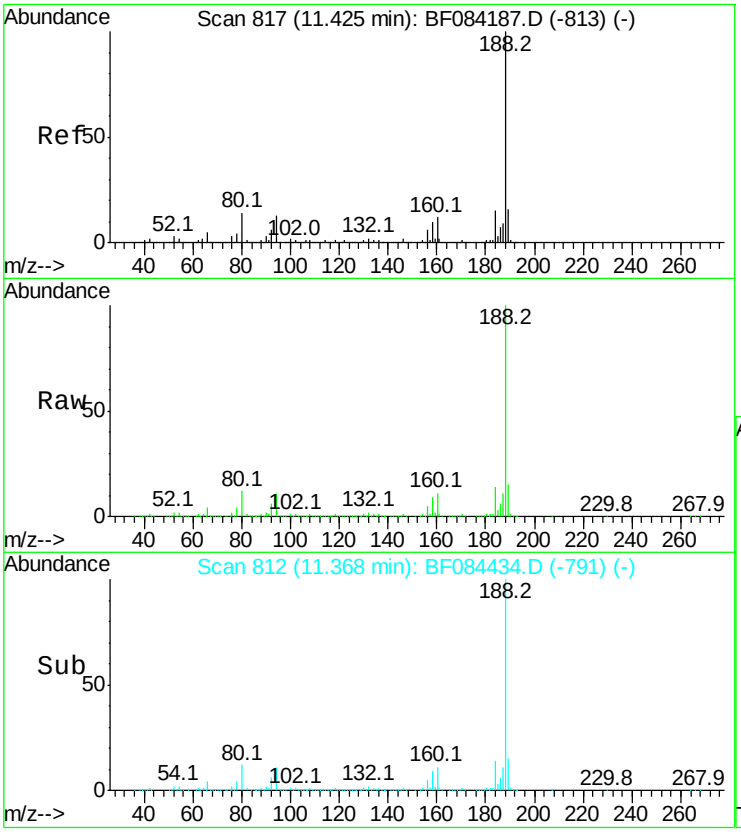


#62
Azobenzene
Concen: 52.35 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion: 77 Resp: 1766144

Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.3	48.3
105	26.8	4.6	44.6
51	29.7	6.2	46.2

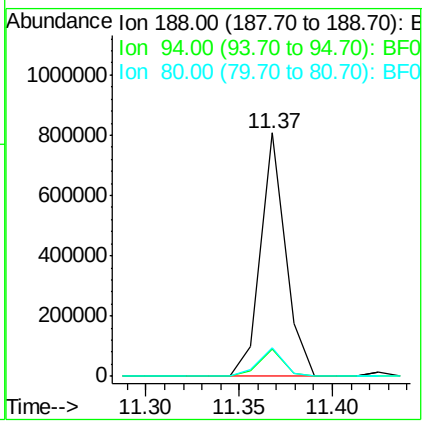




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:188 Resp: 743960

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.0	13.4
80	11.9	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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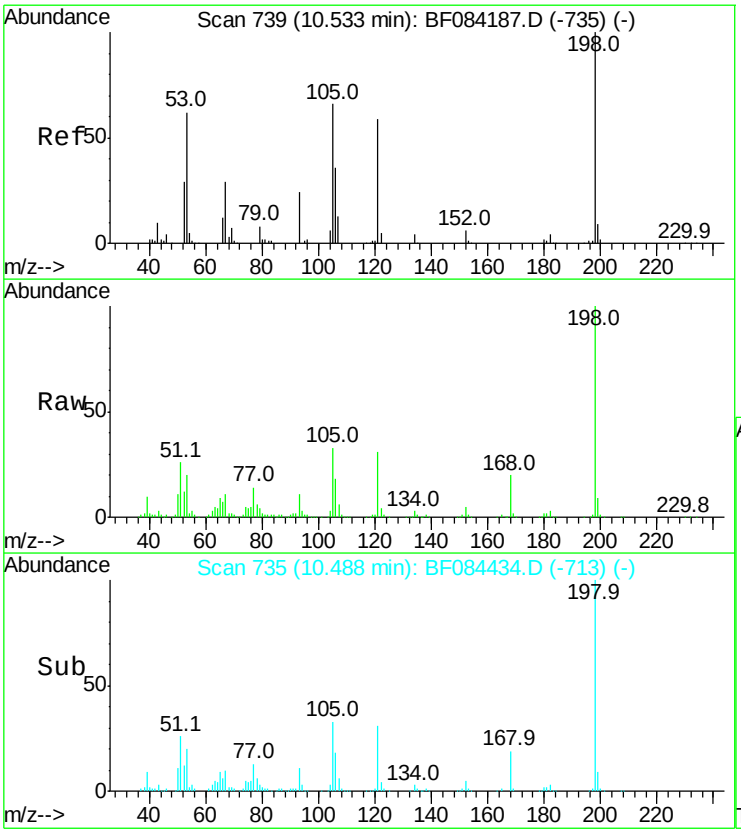
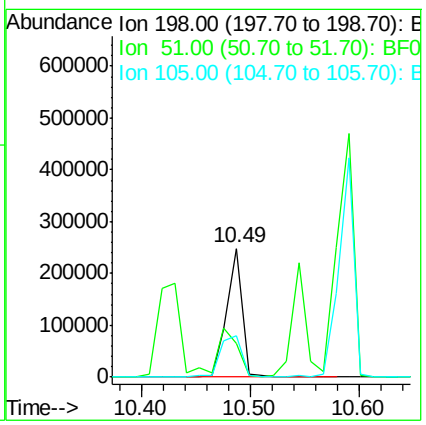
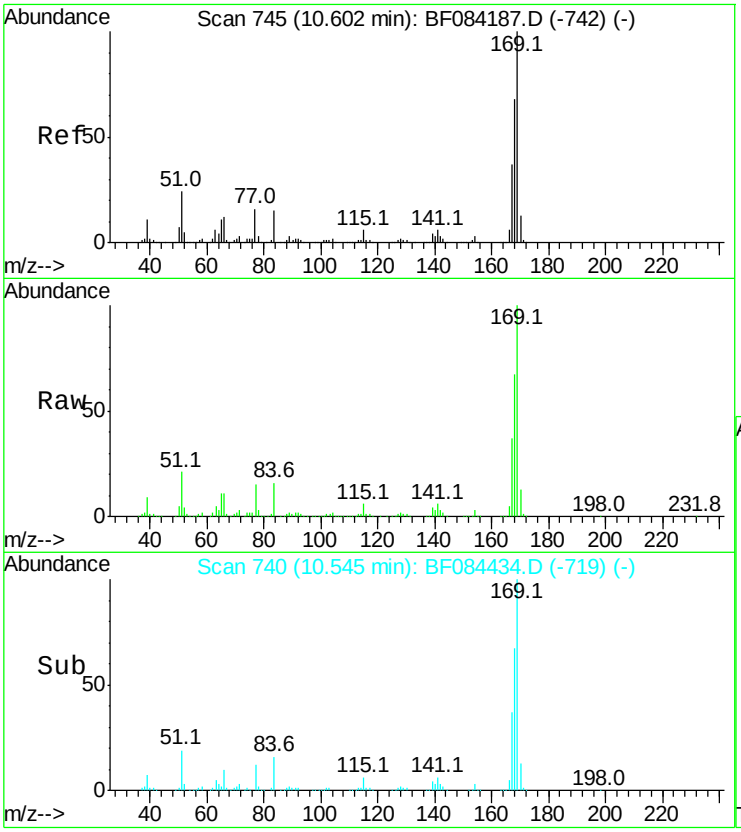


#64
4,6-Dinitro-2-methylphenol
Concen: 54.88 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:198 Resp: 243233

Ion	Ratio	Lower	Upper
198	100		
51	26.4	18.9	58.9
105	32.7	26.4	66.4

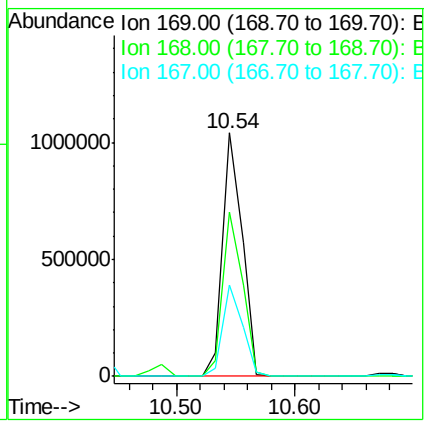




#65
n-Nitrosodiphenylamine
Concen: 49.60 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:169 Resp: 1179915

Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.1	82.7
167	37.2	30.0	45.0



Instrument :
BNA_F
ClientSampleId :
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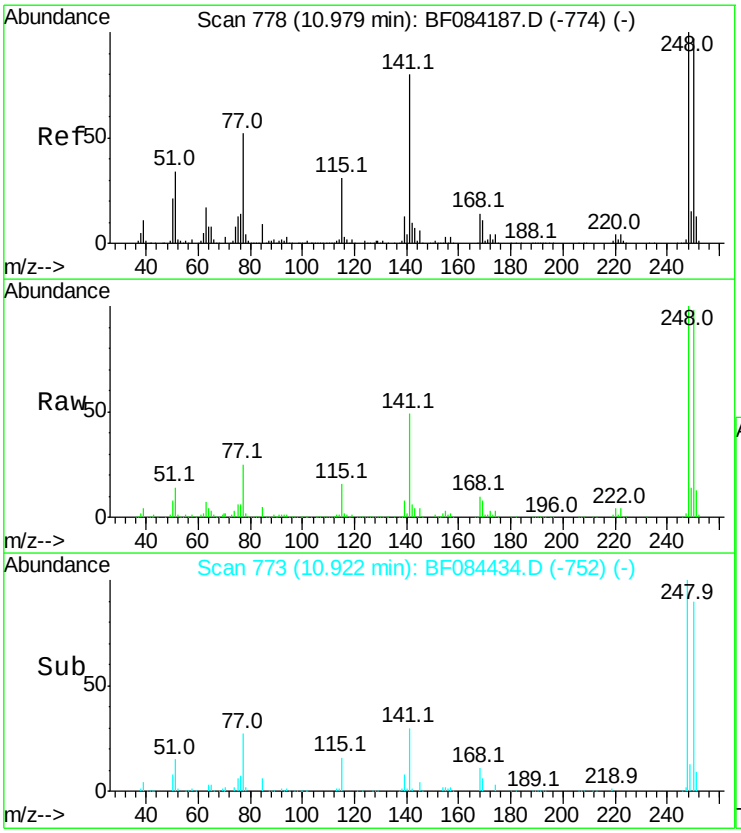
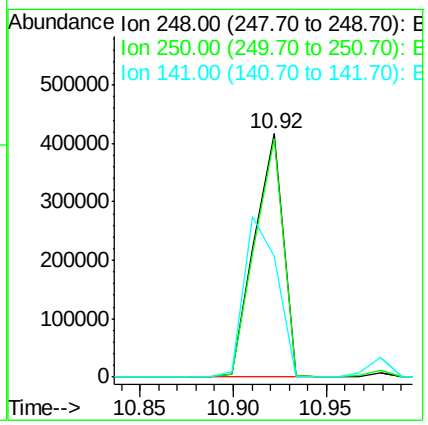
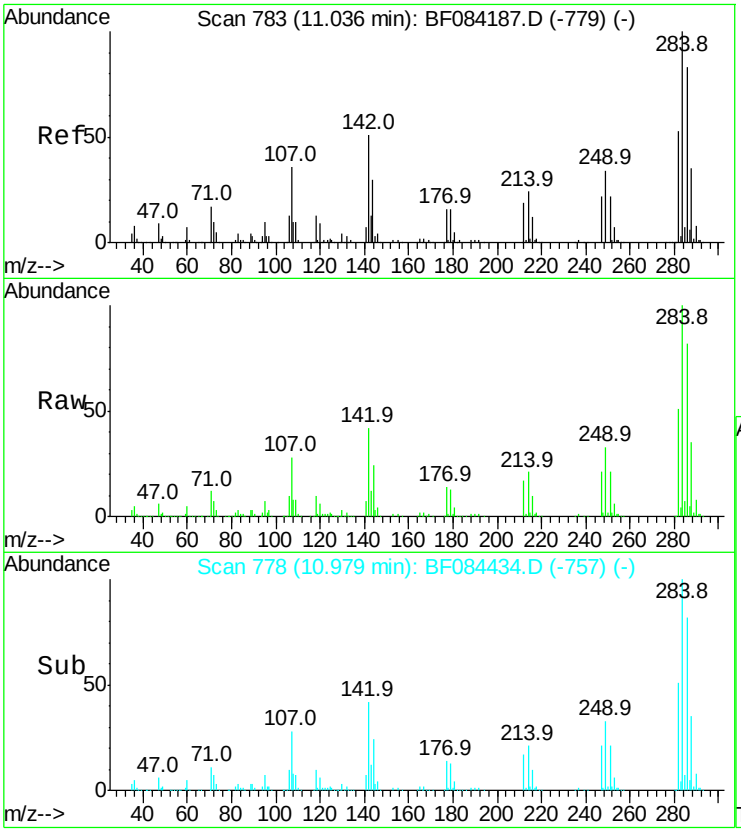


#66
4-Bromophenyl-phenylether
Concen: 55.34 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:248 Resp: 443106

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.4	117.6
141	49.4	44.0	66.0

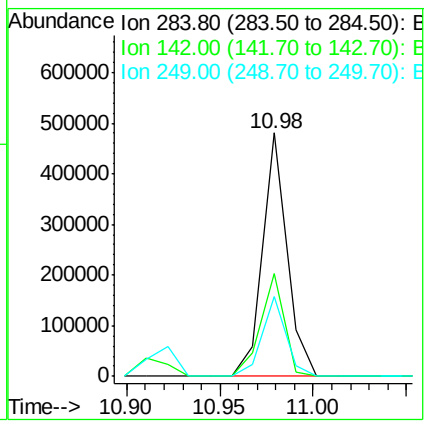




#67
Hexachlorobenzene
Concen: 48.17 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:284 Resp: 434109

Ion	Ratio	Lower	Upper
284	100		
142	42.3	22.2	33.4#
249	32.7	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
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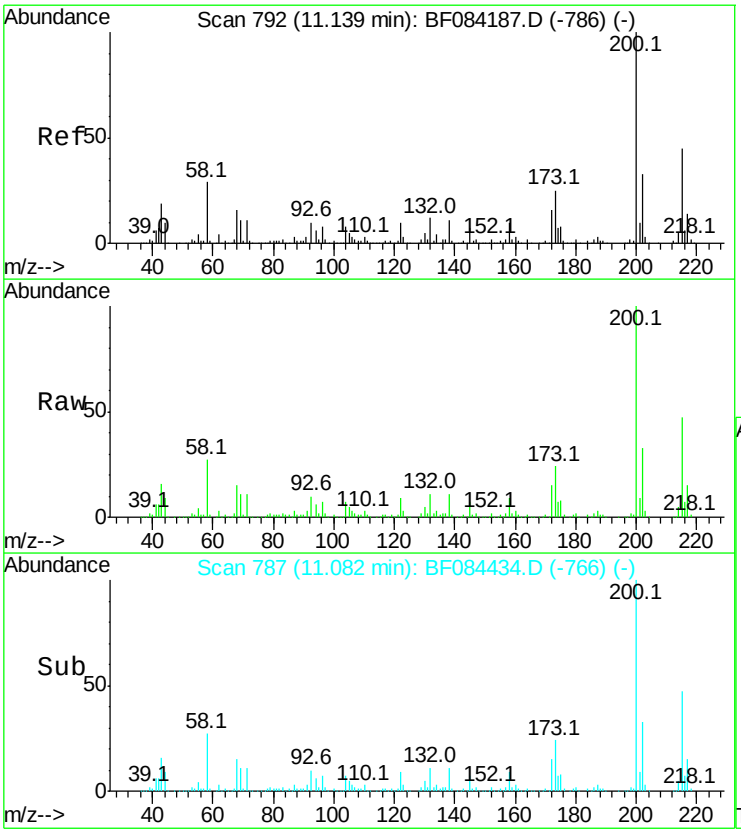
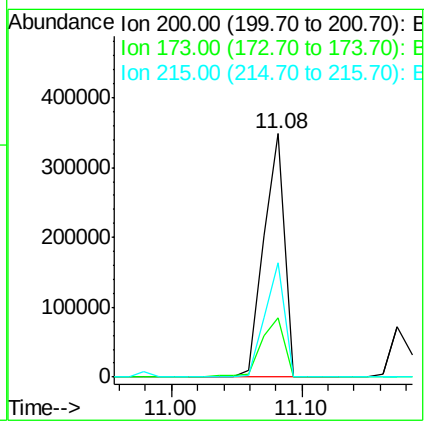
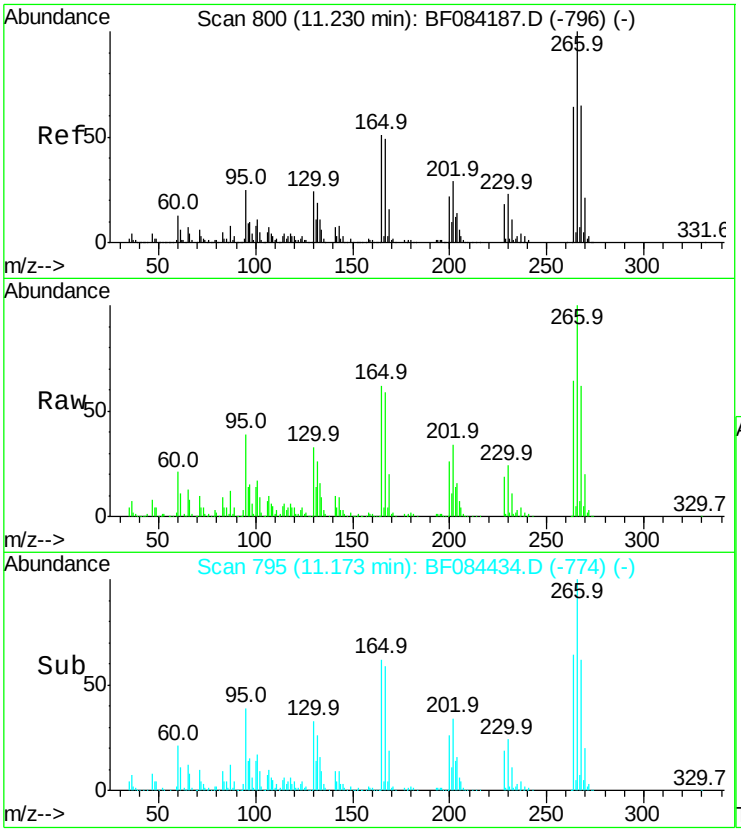


#68
Atrazine
Concen: 49.62 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:200 Resp: 386254

Ion	Ratio	Lower	Upper
200	100		
173	24.3	9.5	49.5
215	47.2	23.8	63.8

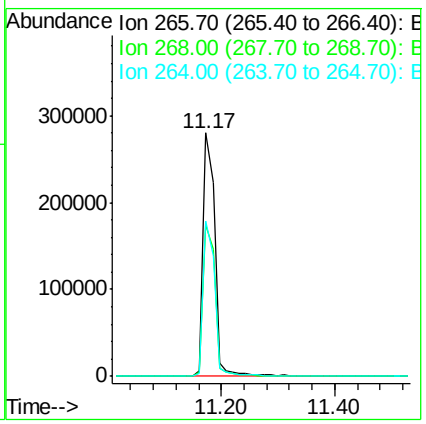




#69
Pentachlorophenol
Concen: 82.33 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:266 Resp: 384751

Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.4	78.6
264	63.7	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
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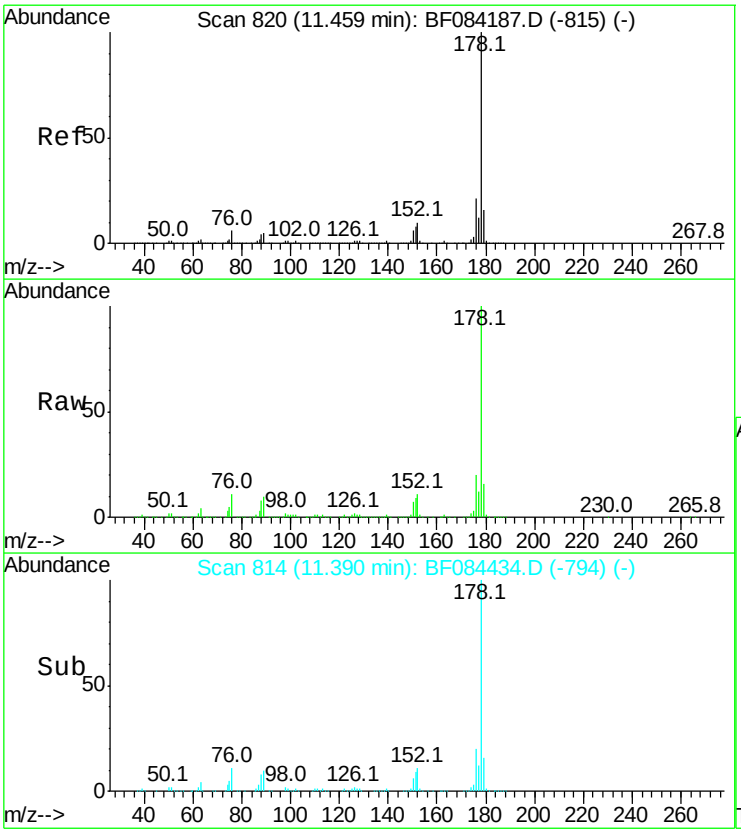
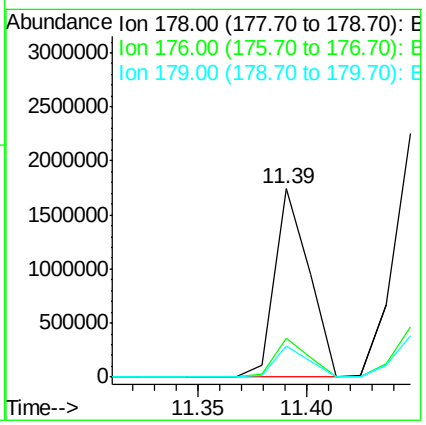
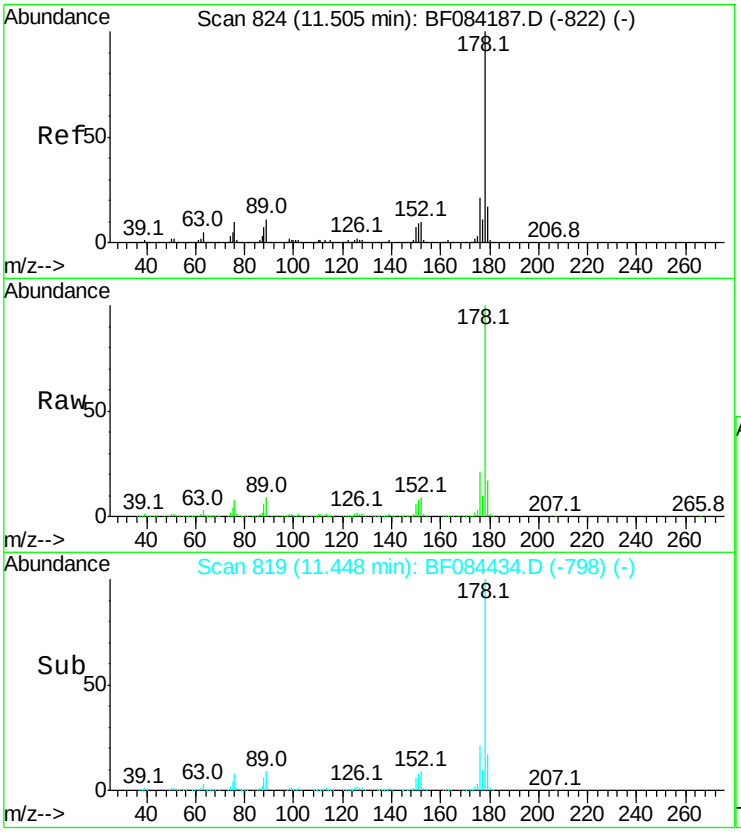


#70
Phenanthrene
Concen: 49.50 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:178 Resp: 1926153

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	16.4	12.0	18.0

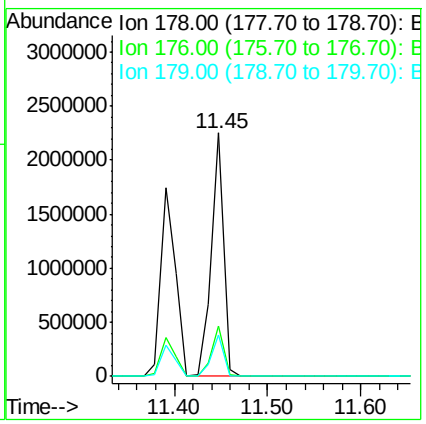




#71
Anthracene
Concen: 54.00 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:178 Resp: 2060065

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.0
179	16.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
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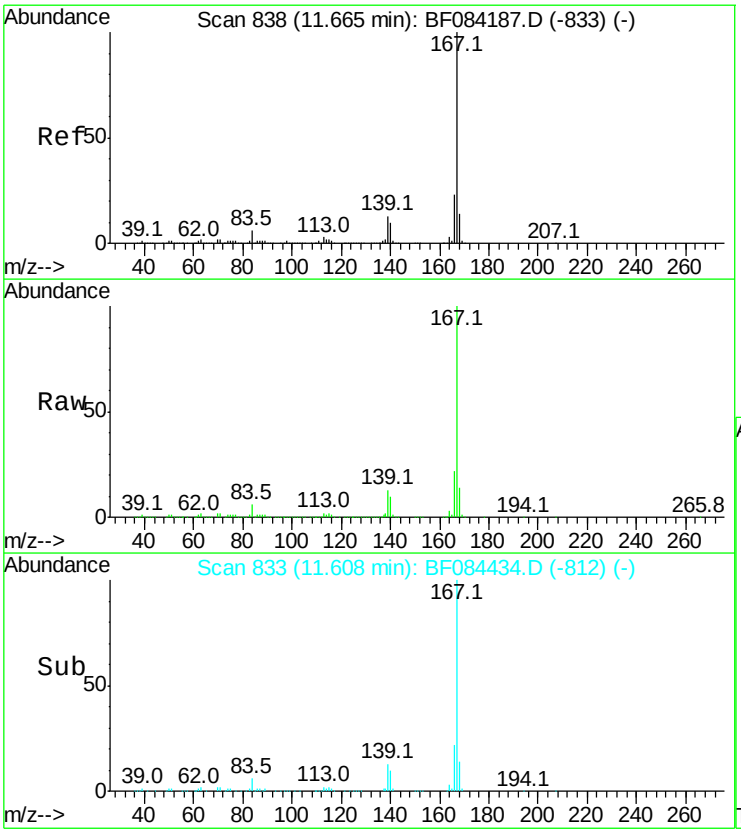
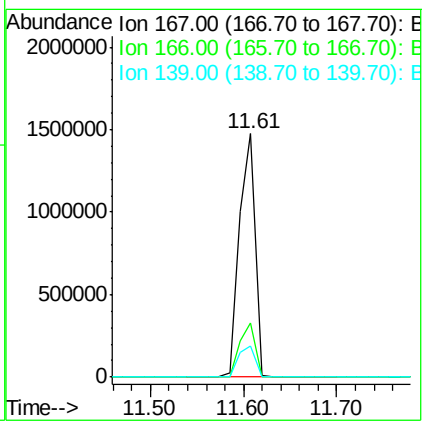
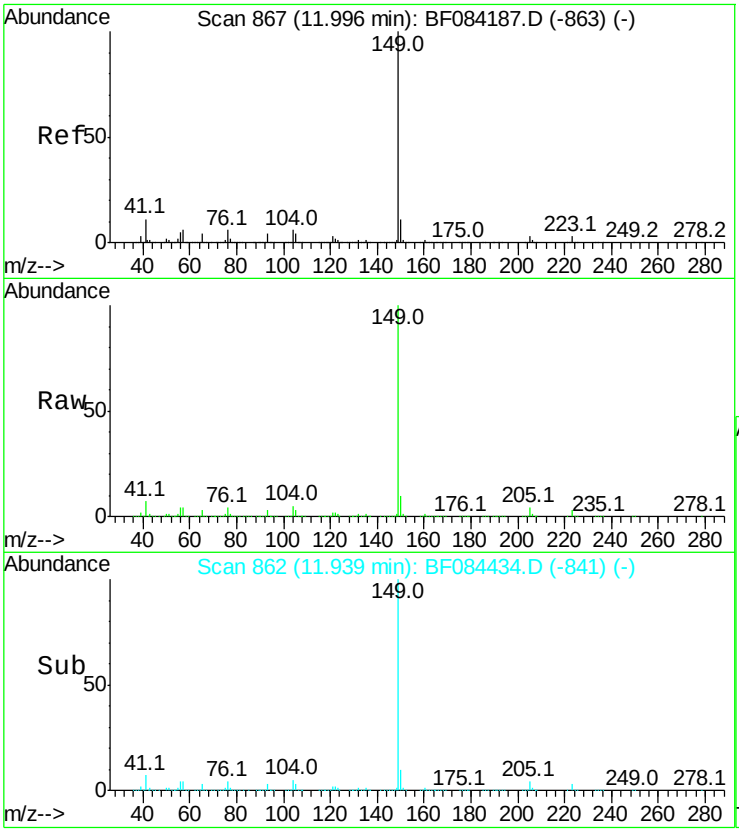


#72
Carbazole
Concen: 46.64 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:167 Resp: 1739309

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.6	11.8	17.8

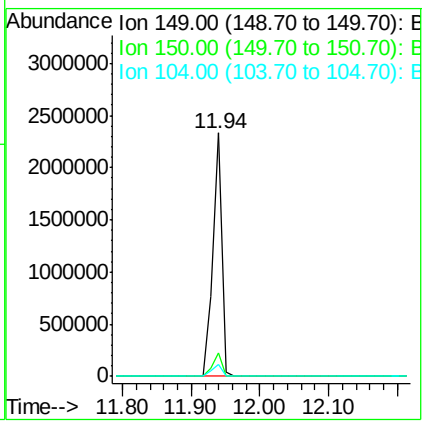




#73
Di-n-butylphthalate
Concen: 58.88 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:149 Resp: 2163693

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	5.0	3.2	4.8#



Instrument :
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ClientSampleId :
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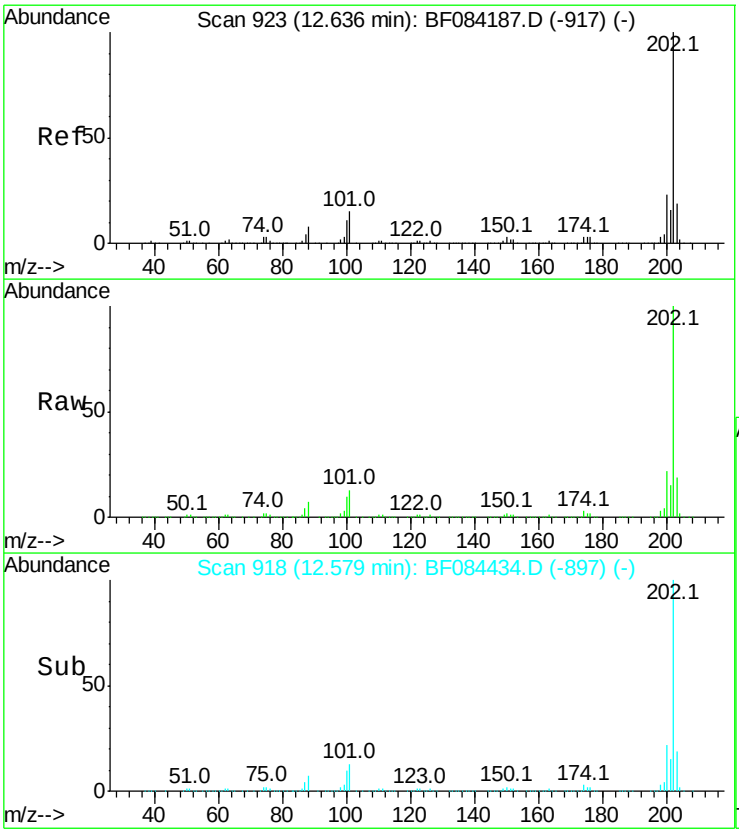
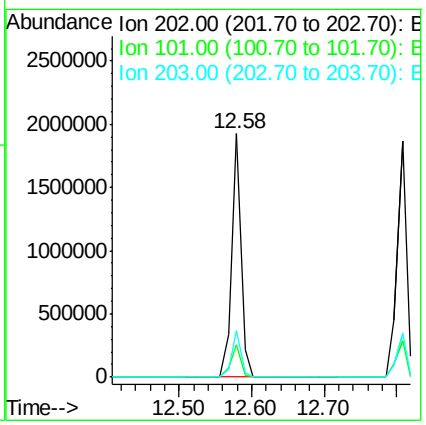
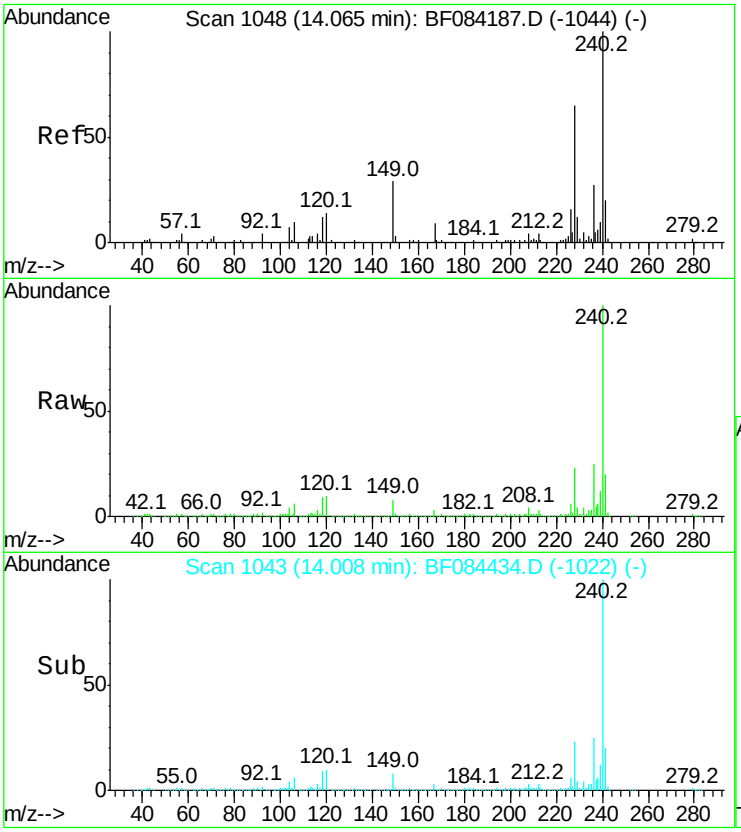


#74
Fluoranthene
Concen: 42.33 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:202 Resp: 1720628

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.8
203	18.9	0.0	37.9

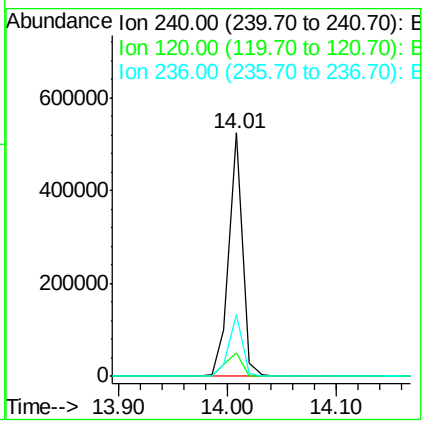




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:240 Resp: 454156

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.4	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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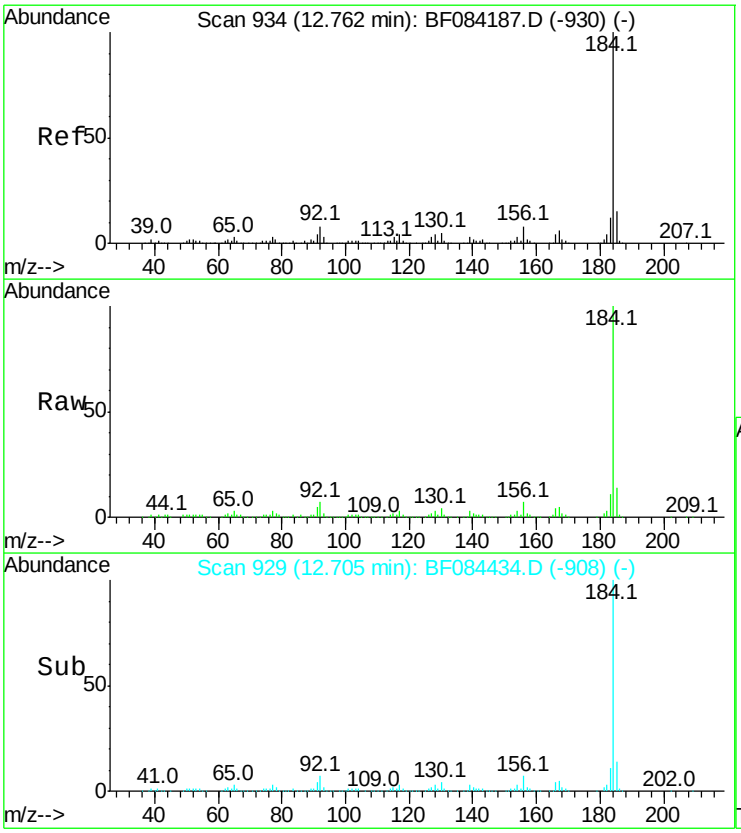
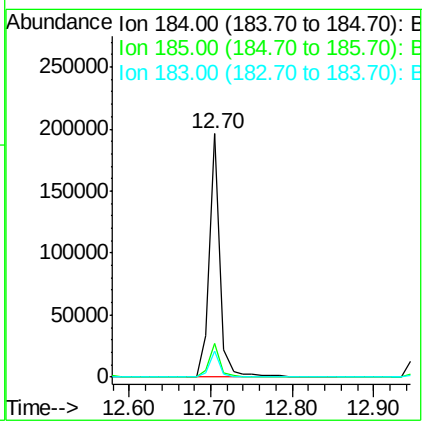
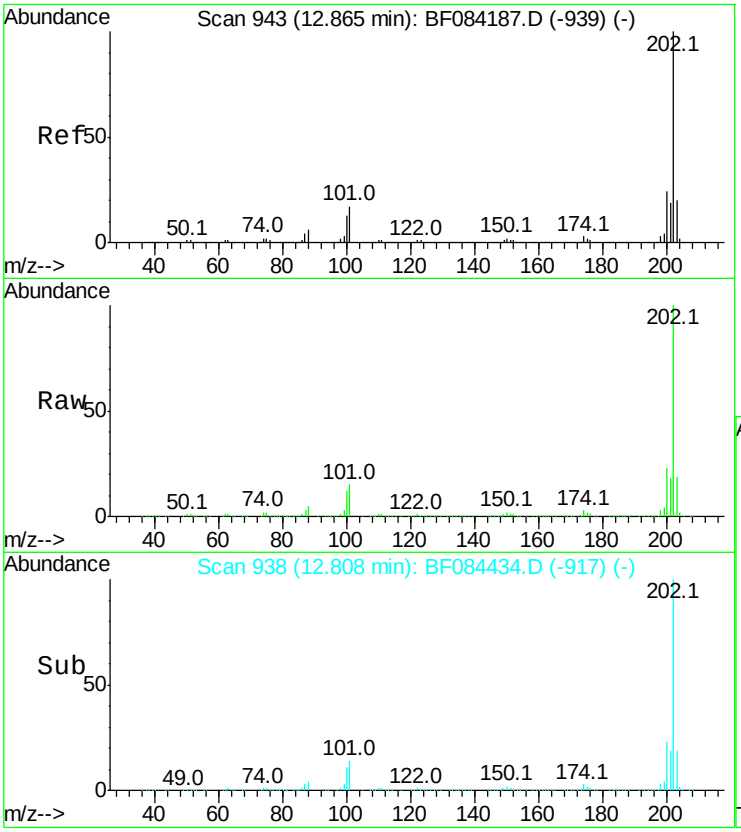


#76
Benzidine
Concen: 11.26 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:184 Resp: 183334

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.2	18.2
183	10.7	9.8	14.8

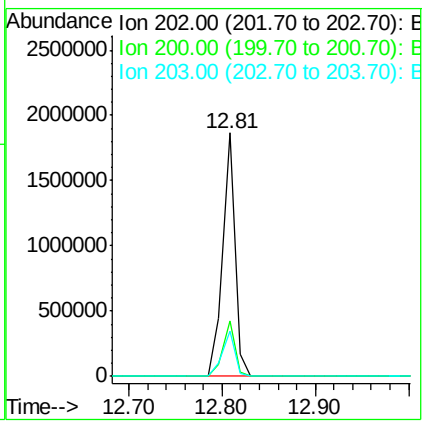




#77
Pyrene
Concen: 48.13 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:202 Resp: 1715274

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.2	25.8
203	18.8	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

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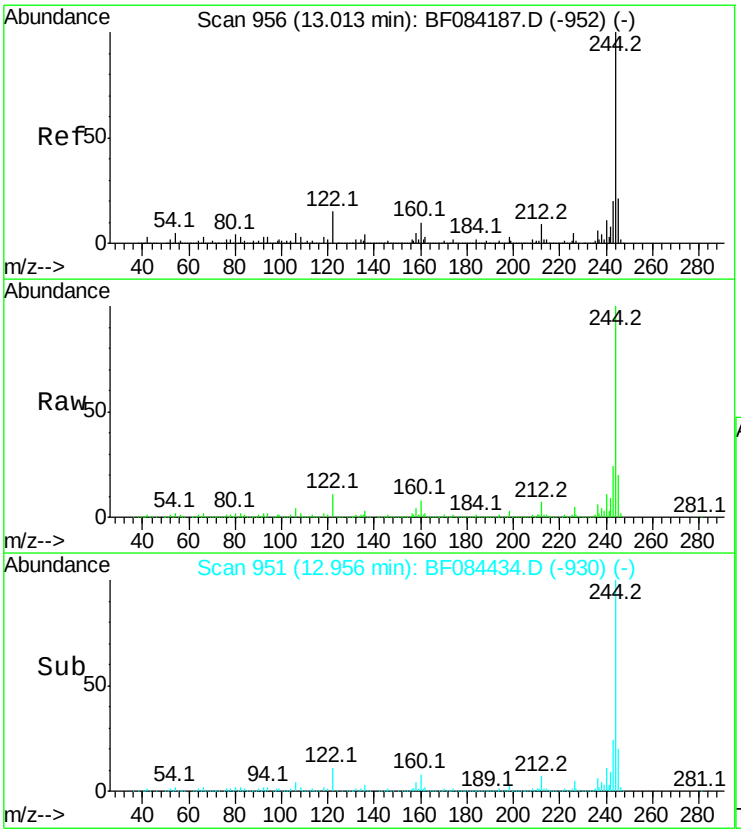
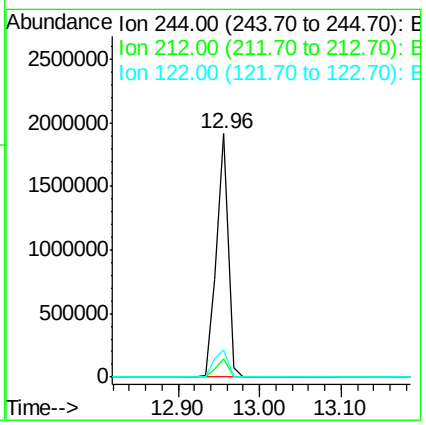
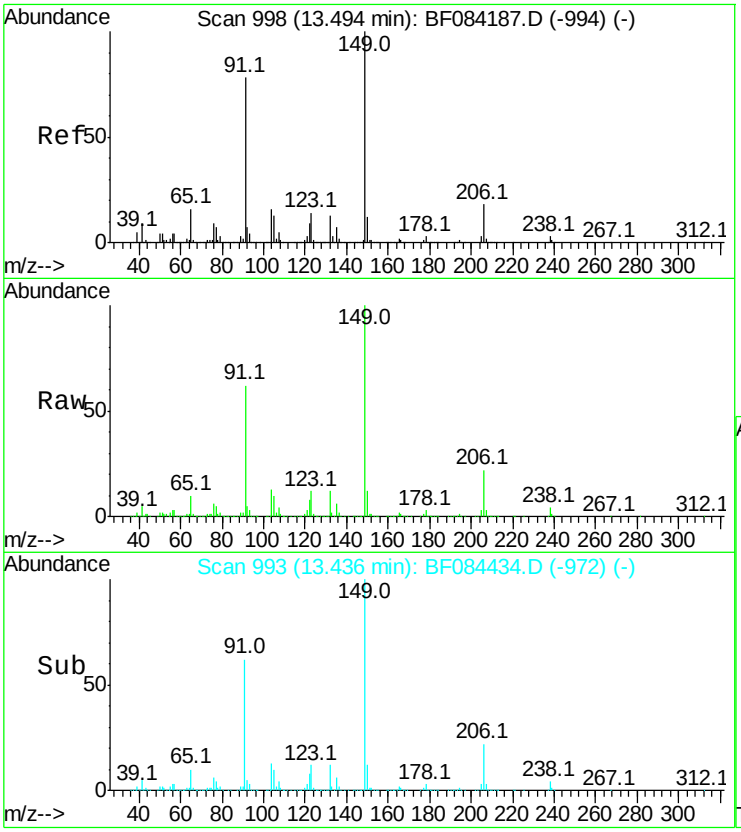


#78
Terphenyl-d14
Concen: 93.80 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:244 Resp: 1908466

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.3	7.4	11.0#

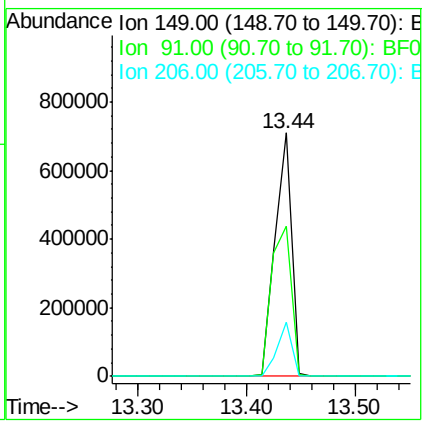




#79
Butylbenzylphthalate
Concen: 48.55 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:149 Resp: 748778

Ion	Ratio	Lower	Upper
149	100		
91	61.7	57.6	86.4
206	22.0	13.2	19.8#



Instrument :
BNA_F
ClientSampleId :
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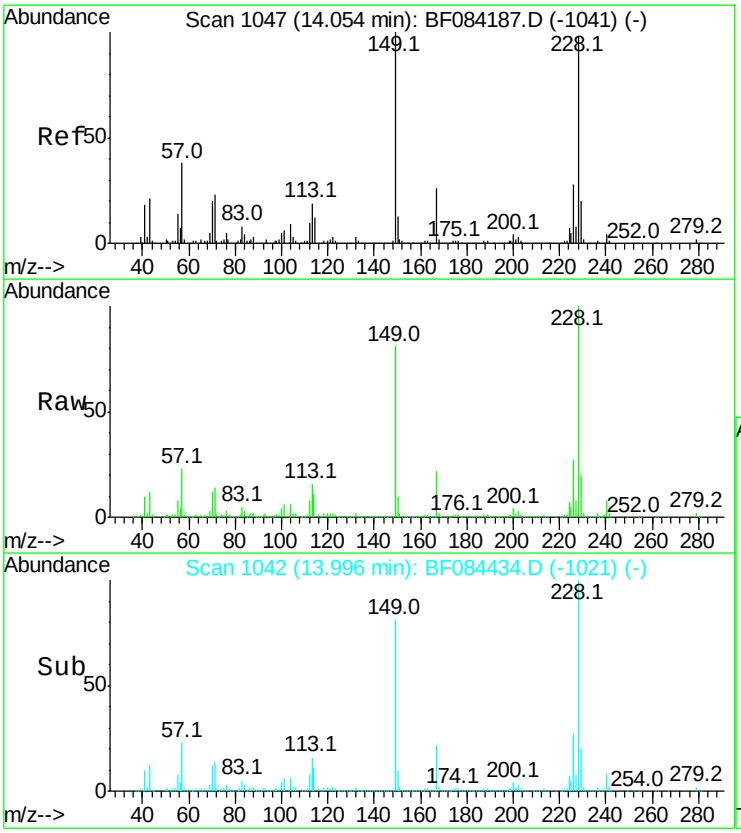
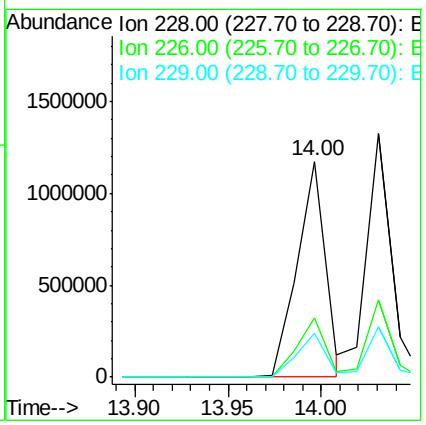
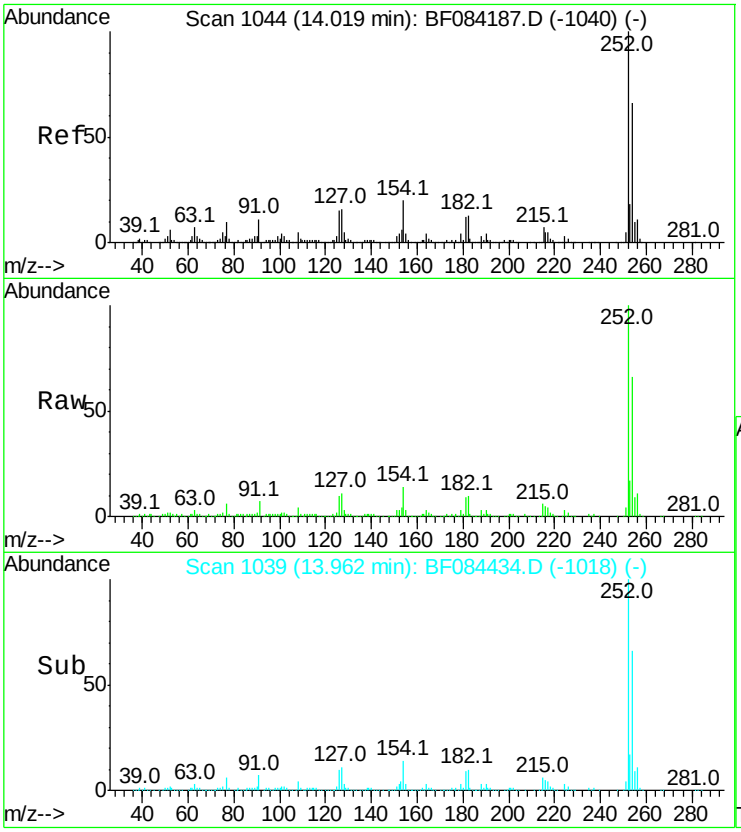


#80
Benzo(a)anthracene
Concen: 46.75 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:228 Resp: 1246562

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.2	15.8	23.8

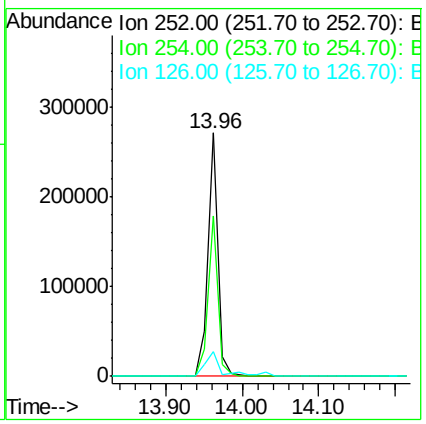




#81
3,3'-Dichlorobenzidine
Concen: 26.17 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:252 Resp: 243596

Ion	Ratio	Lower	Upper
252	100		
254	65.9	53.5	80.3
126	10.4	4.9	7.3#



Instrument :
BNA_F
ClientSampleId :
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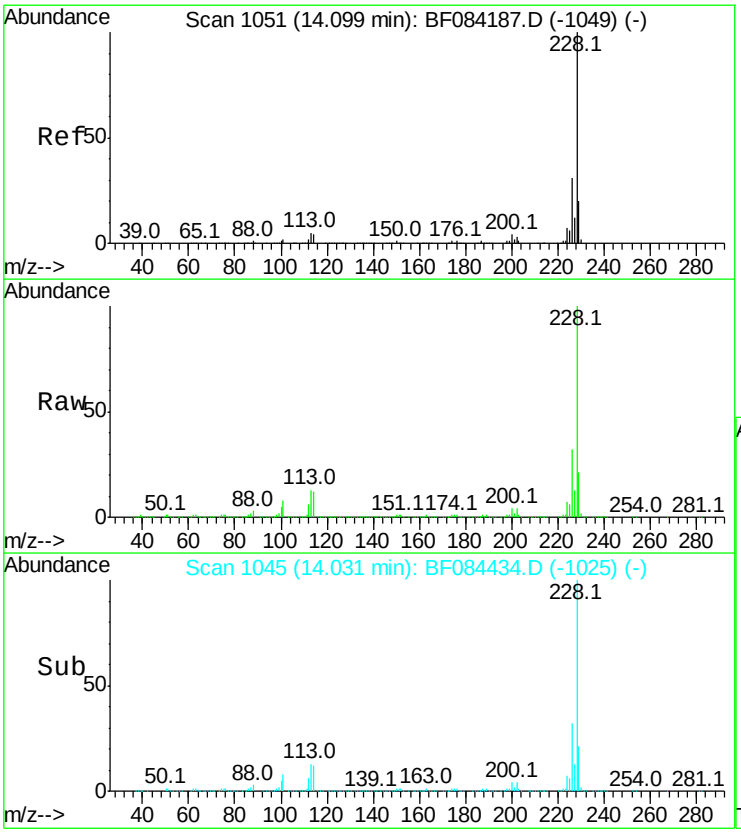
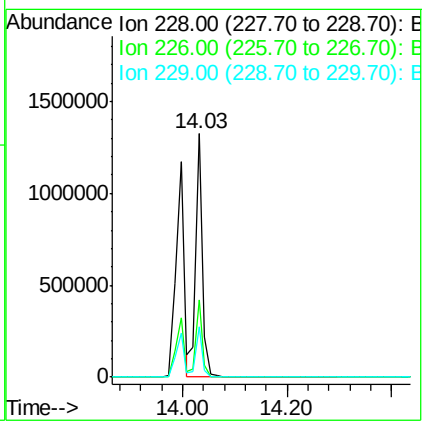
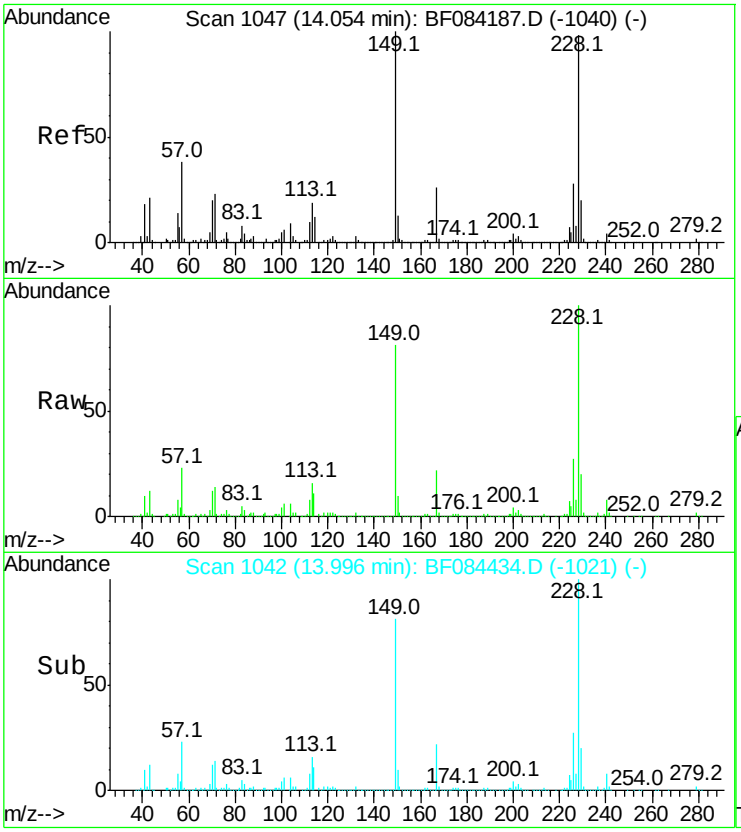


#82
Chrysene
Concen: 46.79 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:228 Resp: 1199105

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.7	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 46.52 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:149 Resp: 906397

Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.7	29.5
279	3.0	1.8	2.6#

Instrument :
BNA_F
ClientSampleId :
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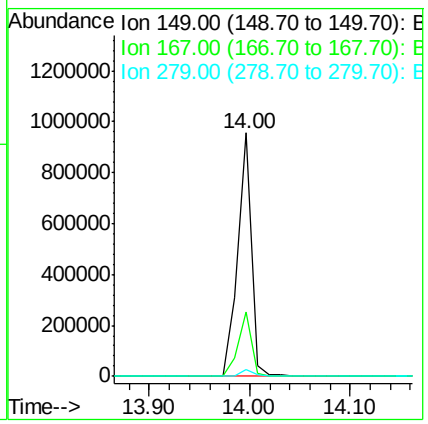
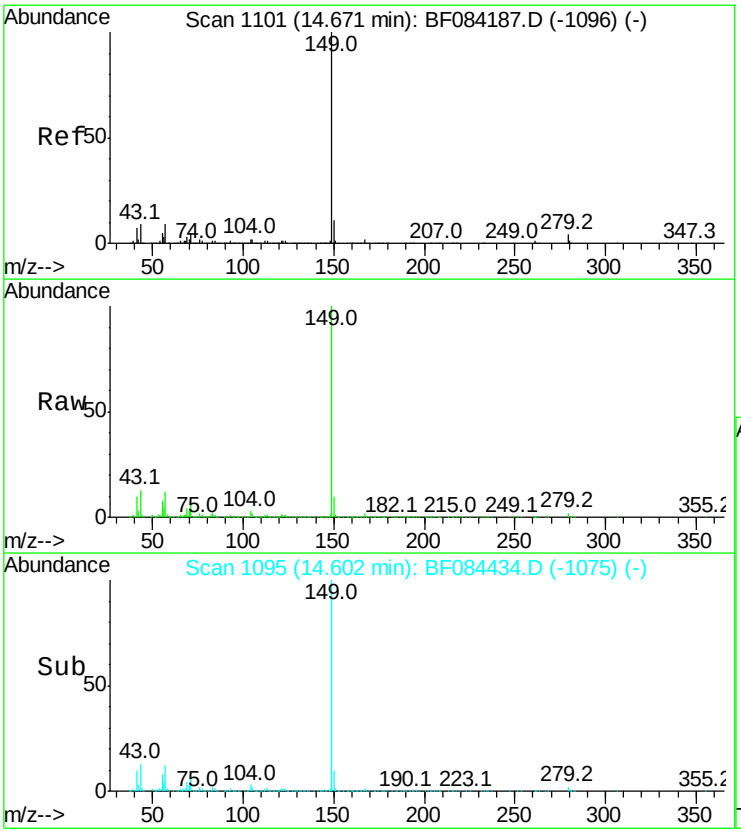
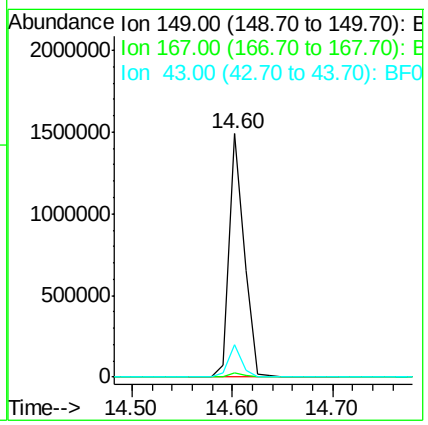


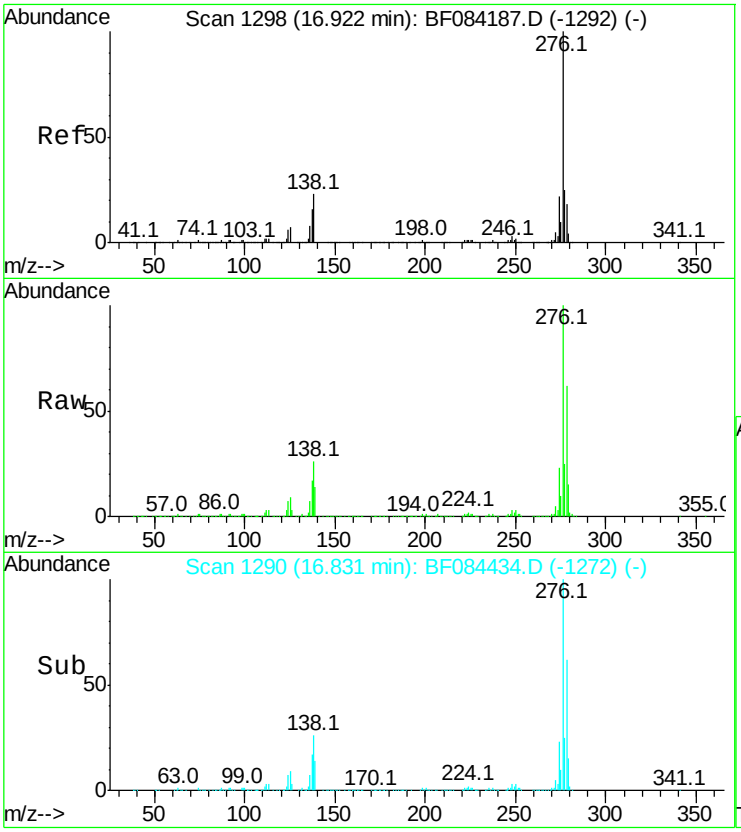


#84
Di-n-octyl phthalate
Concen: 46.93 ng
RT: 14.60 min Scan# 1095
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:149 Resp: 1543654

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	5.6	8.4#

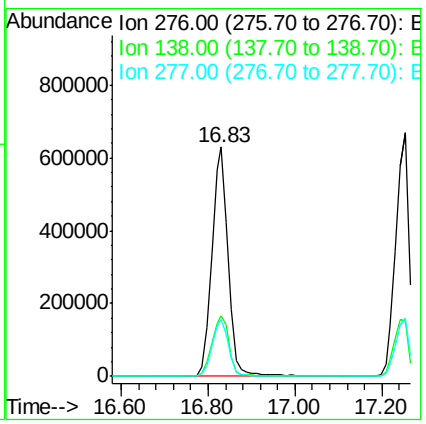




#85
Indeno(1,2,3-cd)pyrene
Concen: 82.43 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.09 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:276 Resp: 1674341

Ion	Ratio	Lower	Upper
276	100		
138	28.3	20.6	30.8
277	25.3	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
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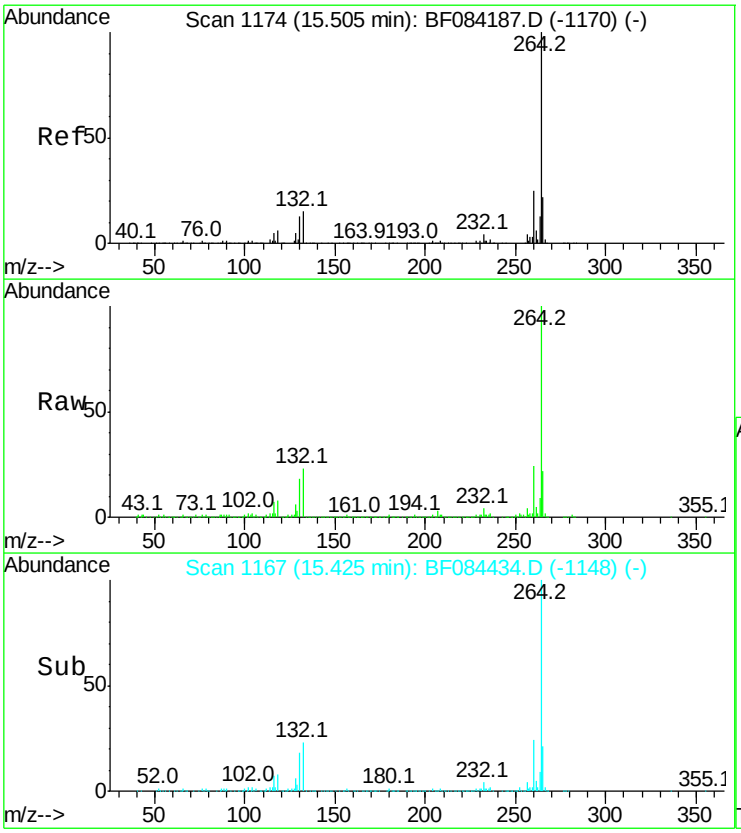
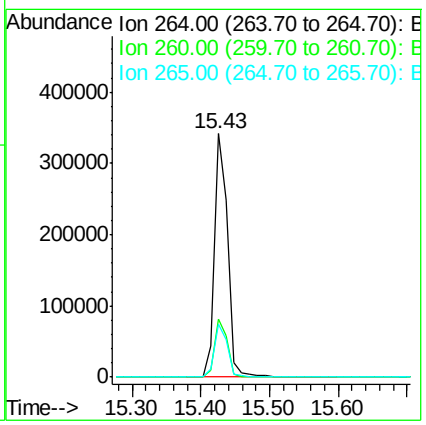
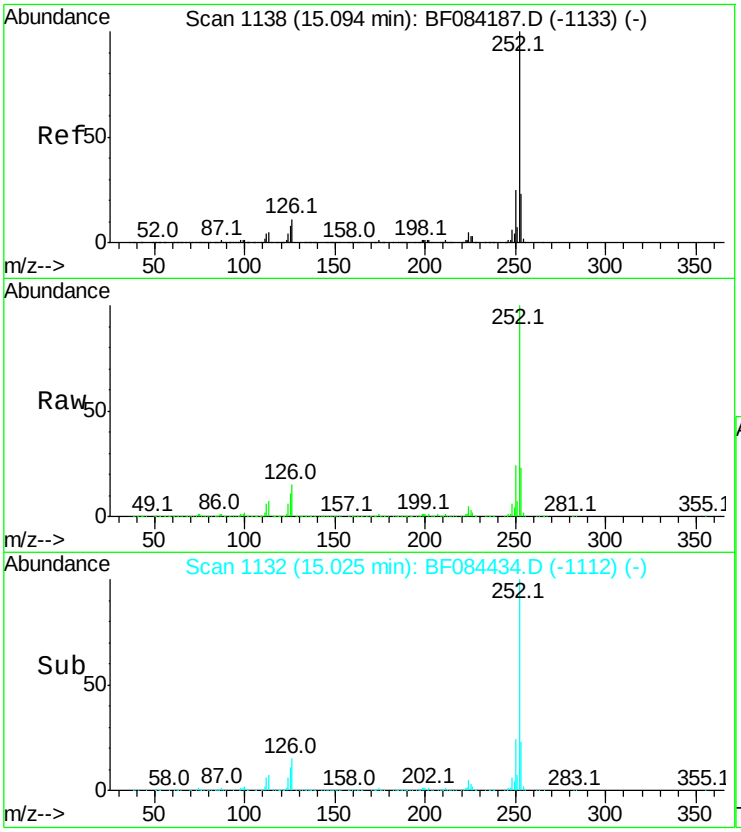


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:264 Resp: 462756

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.8	26.6

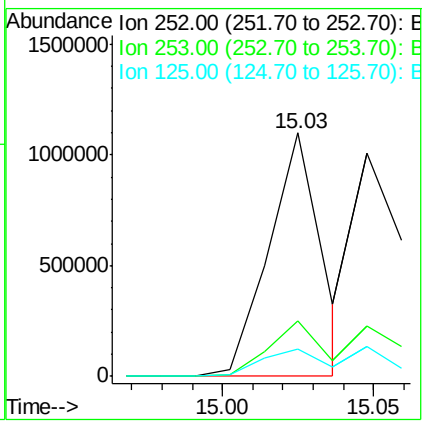




#87
Benzo(b)fluoranthene
Concen: 44.21 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:252 Resp: 1338343

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	11.2	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
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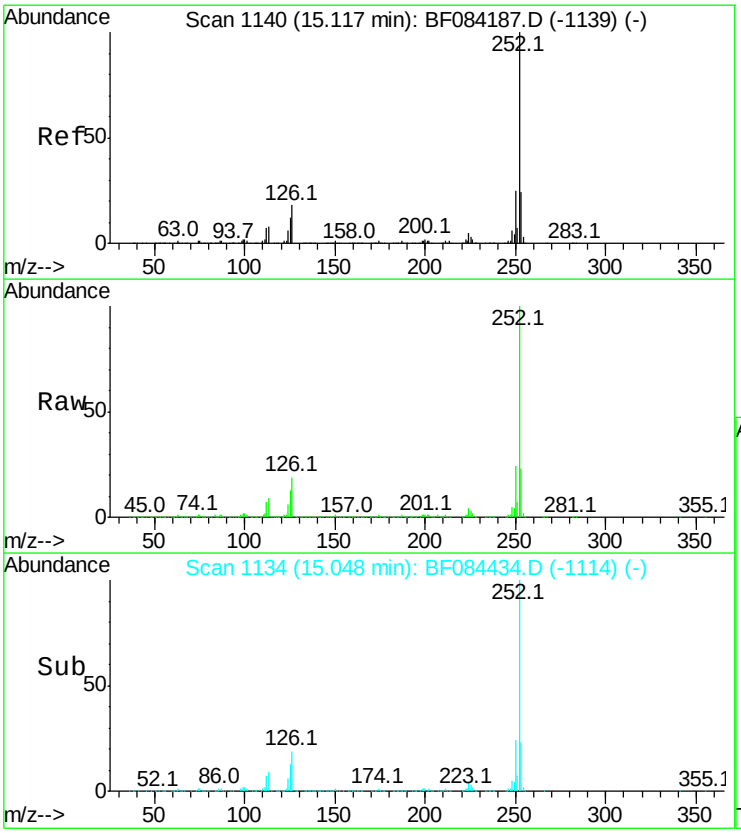
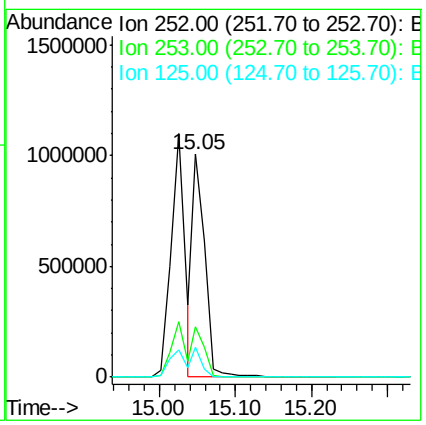
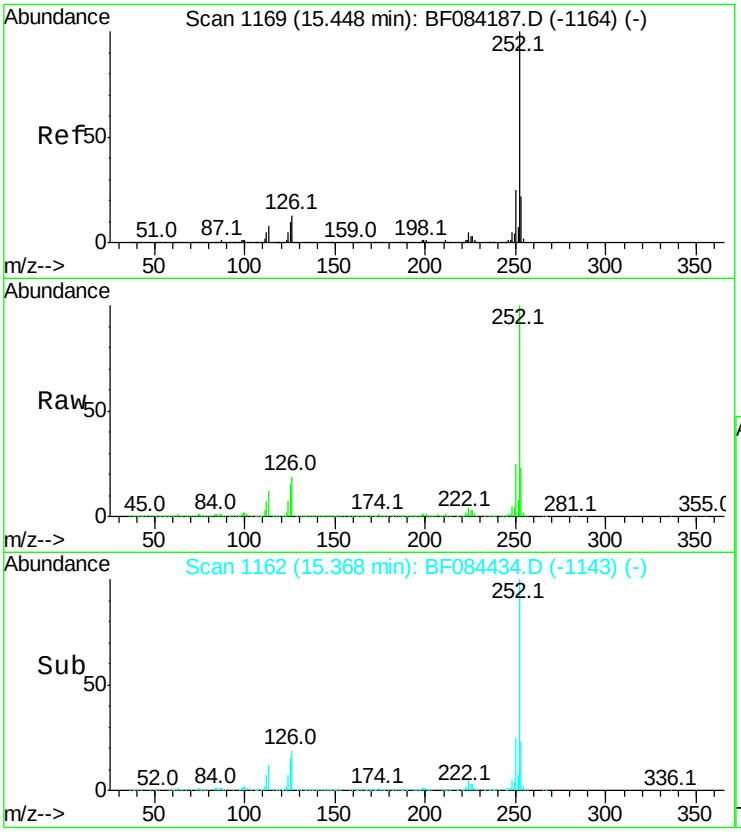


#88
Benzo(k)fluoranthene
Concen: 47.90 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.07 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:252 Resp: 1185928

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.4	9.0	13.6





#89
Benzo(a)pyrene
Concen: 50.57 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:252 Resp: 1298400

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	14.7	7.0	10.4#

Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
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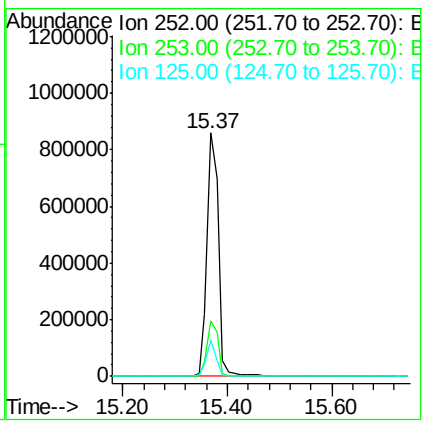
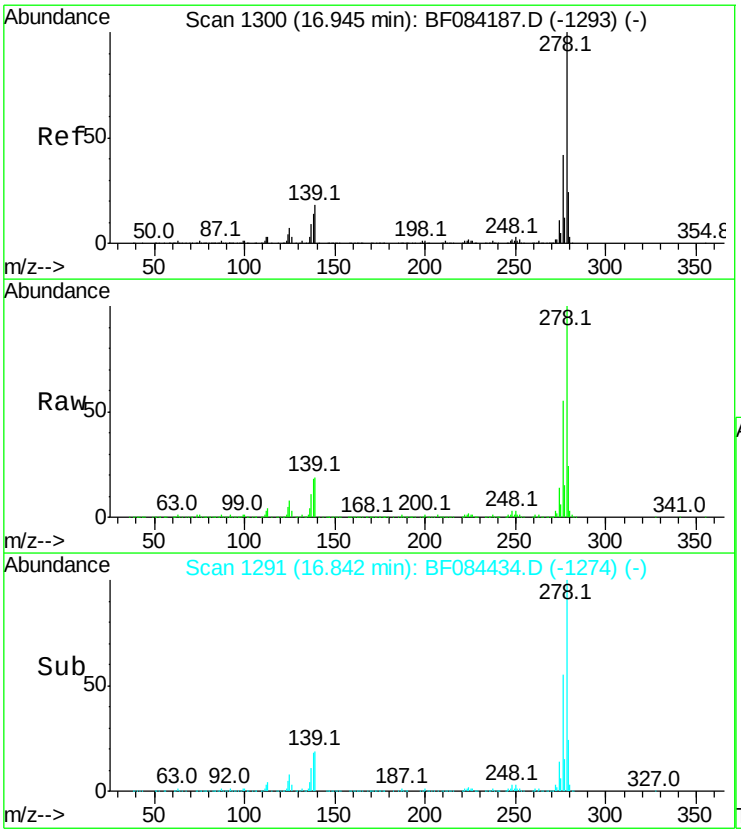
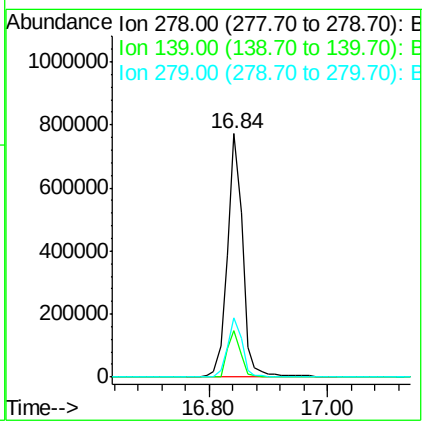


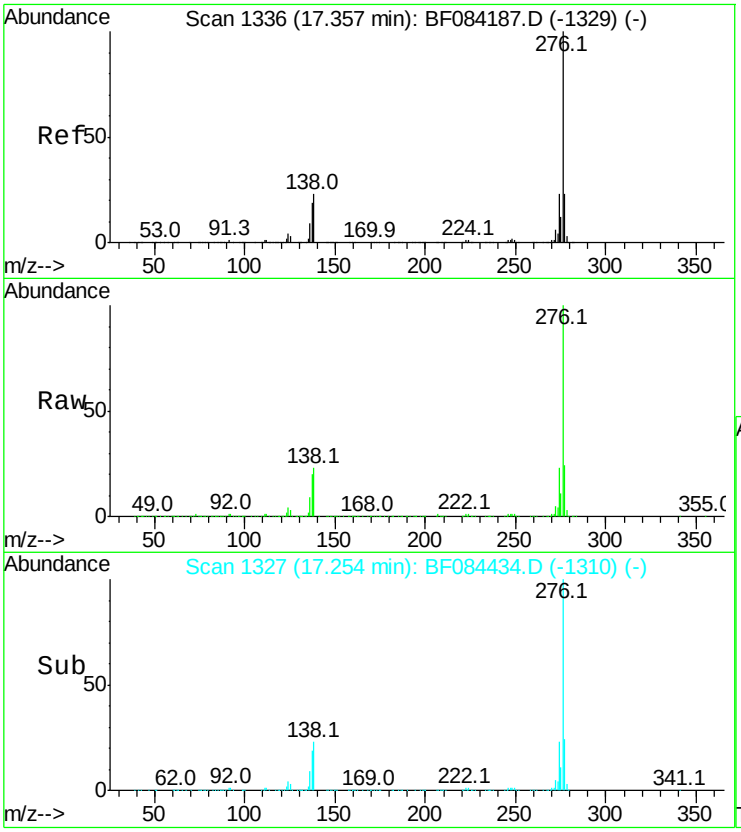


#90
Dibenzo(a,h)anthracene
Concen: 62.10 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:278 Resp: 1372016

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.4
279	24.2	18.9	28.3

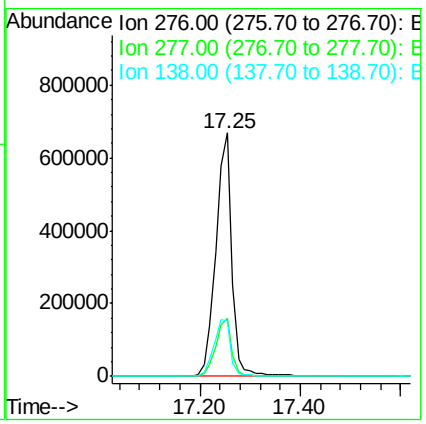




#91
Benzo(g,h,i)perylene
Concen: 63.90 ng
RT: 17.25 min Scan# 1327
Delta R.T. -0.10 min
Lab File: BF084434.D
Acq: 13 Jan 2016 2:52

Tgt Ion:276 Resp: 1461964

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.8	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
TE-PMW-11SMSD

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:51 PM