Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084271.D
Acq On : 5 Jan 2016 7:49
Operator : UM/SJ
Sample : G4987-02MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:33 PM

Quant Time: Jan 05 09:52:02 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	6.89	152	258562	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1072620	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	498143	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	823380	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	526682	20.00	ng		-0.01
86) Perylene-d12	15.49	264	518006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2101472	131.46	ng		0.04
7) Phenol-d6	6.54	99	2250003	112.07	ng		0.01
23) Nitrobenzene-d5	7.46	82	1675747	86.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	583316	115.99	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2881233	103.10	ng		-0.01
78) Terphenyl-d14	13.00	244	2024234	85.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	299083	39.50	ng	#	65
3) Pyridine	3.41	79	662860	31.40	ng	#	75
4) n-Nitrosodimethylamine	3.34	42	473418	43.68	ng		81
6) Aniline	6.56	93	250361	8.52	ng	#	1
8) 2-Chlorophenol	6.68	128	806748	44.48	ng		85
9) Benzaldehyde	6.44	77	270701	20.71	ng		96
10) Phenol	6.56	94	833019	36.49	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	859182	48.59	ng		87
12) 1,3-Dichlorobenzene	6.83	146	827486m	44.23	ng		
13) 1,4-Dichlorobenzene	6.91	146	875930	46.69	ng		96
14) 1,2-Dichlorobenzene	7.07	146	768698	42.78	ng		94
15) Benzyl Alcohol	7.05	79	751952	44.52	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1343271	41.72	ng		91
17) 2-Methylphenol	7.16	107	677740	44.59	ng	#	93
18) Hexachloroethane	7.40	117	331659	44.21	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	580326	42.70	ng	#	68
20) 3+4-Methylphenols	7.31	107	800434	44.80	ng	#	48
22) Acetophenone	7.31	105	1185583	45.97	ng	#	92
24) Nitrobenzene	7.48	77	990180	50.66	ng		97
25) Isophorone	7.72	82	1645575	44.64	ng		100
26) 2-Nitrophenol	7.79	139	431017	48.45	ng	#	76
27) 2,4-Dimethylphenol	7.85	122	797870	44.31	ng		88
28) bis(2-Chloroethoxy)methane	7.93	93	990684	44.00	ng		99
29) 2,4-Dichlorophenol	8.04	162	686437	45.76	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	762389	49.23	ng	#	96
31) Naphthalene	8.20	128	2470501	50.77	ng		98
32) Benzoic acid	7.95	122	314235	29.84	ng		93
33) 4-Chloroaniline	8.25	127	139105	6.24	ng		97
34) Hexachlorobutadiene	8.32	225	403068	45.28	ng		98
35) Caprolactam	8.64	113	191878m	37.95	ng		
36) 4-Chloro-3-methylphenol	8.75	107	805581	47.95	ng		100
37) 2-Methylnaphthalene	8.90	142	1635055	46.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	677493	47.31	ng		97
40) Hexachlorocyclopentadiene	9.05	237	660441	76.40	ng		98

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Manual Integrations APPROVED
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1/5/2016 4:07:33 PM

Quant Time: Jan 05 09:52:02 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	9.17	196	451756	42.16	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	449494	43.76	ng	#	86
45) 1,1'-Biphenyl	9.36	154	1734164	43.80	ng		99
46) 2-Chloronaphthalene	9.38	162	1386844	44.60	ng		97
47) 2-Nitroaniline	9.48	65	503083	49.01	ng		95
48) Acenaphthylene	9.80	152	2263624	49.27	ng		96
49) Dimethylphthalate	9.66	163	1672487	46.96	ng	#	89
50) 2,6-Dinitrotoluene	9.72	165	346685	44.39	ng	#	49
51) Acenaphthene	9.97	154	1627488	52.81	ng		98
52) 3-Nitroaniline	9.89	138	88921	9.19	ng	#	73
53) 2,4-Dinitrophenol	10.00	184	200535	61.15	ng		95
54) Dibenzofuran	10.14	168	2057578	52.01	ng		93
55) 4-Nitrophenol	10.06	139	453366	64.53	ng	#	73
56) 2,4-Dinitrotoluene	10.12	165	461242	46.66	ng	#	80
57) Fluorene	10.49	166	1590156	51.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	360585	41.12	ng		93
59) Diethylphthalate	10.36	149	1585819	45.16	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	669212	52.75	ng		93
61) 4-Nitroaniline	10.51	138	365909	42.41	ng		92
62) Azobenzene	10.64	77	1809949	47.00	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	176899	35.28	ng		94
65) n-Nitrosodiphenylamine	10.60	169	1386169	52.65	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	468074	52.82	ng	#	88
67) Hexachlorobenzene	11.02	284	480571	48.18	ng	#	75
68) Atrazine	11.13	200	402961	46.77	ng		98
69) Pentachlorophenol	11.23	266	387794	74.98	ng		99
70) Phenanthrene	11.45	178	2273876	52.80	ng		97
71) Anthracene	11.49	178	1964419	46.53	ng		97
72) Carbazole	11.65	167	1744562	42.27	ng		97
73) Di-n-butylphthalate	11.99	149	2254760	54.02	ng	#	95
74) Fluoranthene	12.63	202	1932056	42.94	ng		97
76) Benzidine	12.75	184	461652	24.45	ng		98
77) Pyrene	12.85	202	1810612	43.81	ng		98
79) Butylbenzylphthalate	13.48	149	847038	47.36	ng		98
80) Benzo(a)anthracene	14.04	228	1343558	43.45	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	238109	22.06	ng	#	96
82) Chrysene	14.08	228	1237207	41.63	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	944266	41.79	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1536904	40.29	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1512694	64.22	ng		99
87) Benzo(b)fluoranthene	15.08	252	1572042	46.39	ng		99
88) Benzo(k)fluoranthene	15.11	252	1272761m	45.93	ng		
89) Benzo(a)pyrene	15.44	252	1441325	50.15	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	1226048	49.57	ng		97
91) Benzo(g,h,i)perylene	17.35	276	1195746	46.69	ng		97

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

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Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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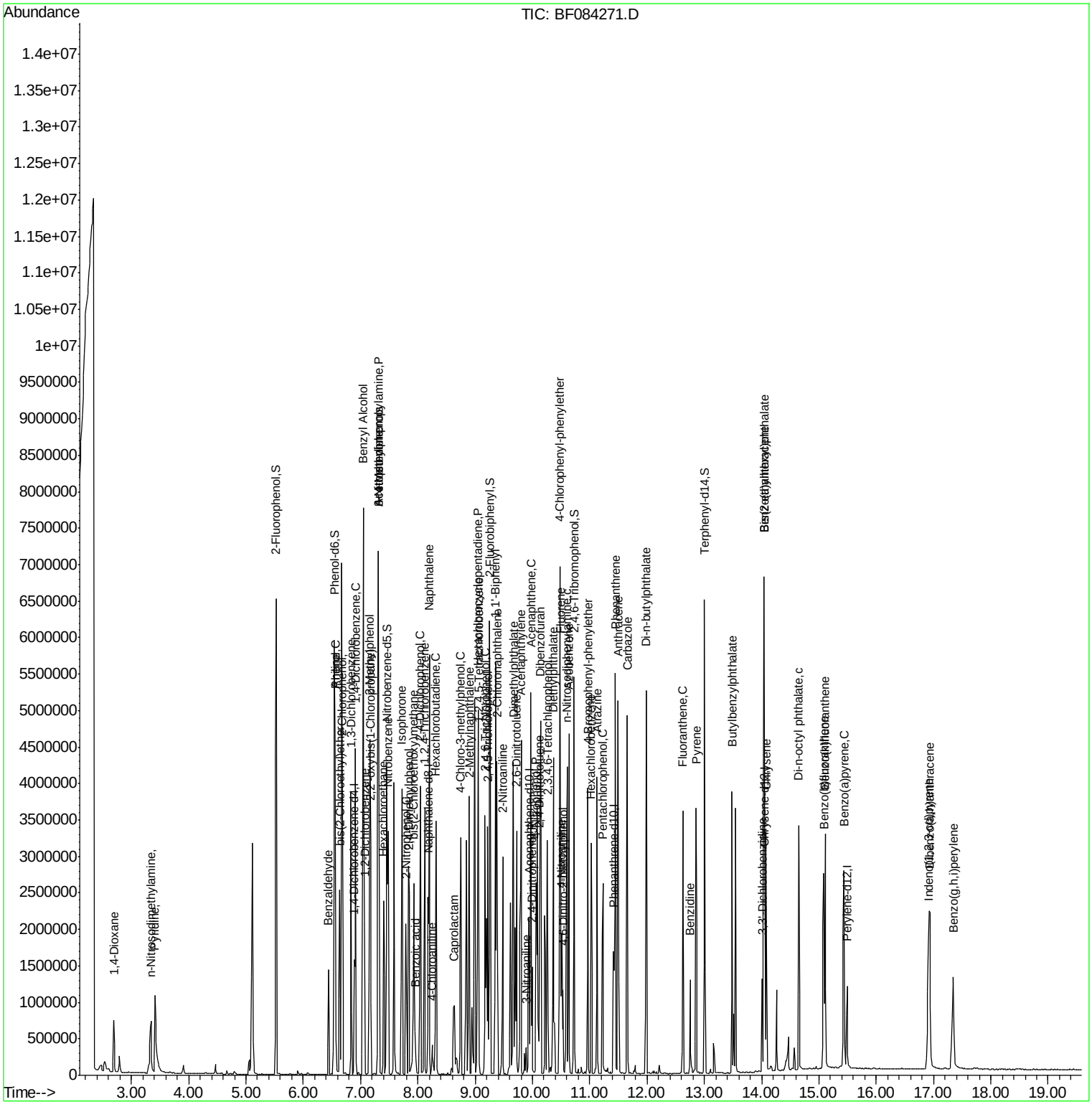
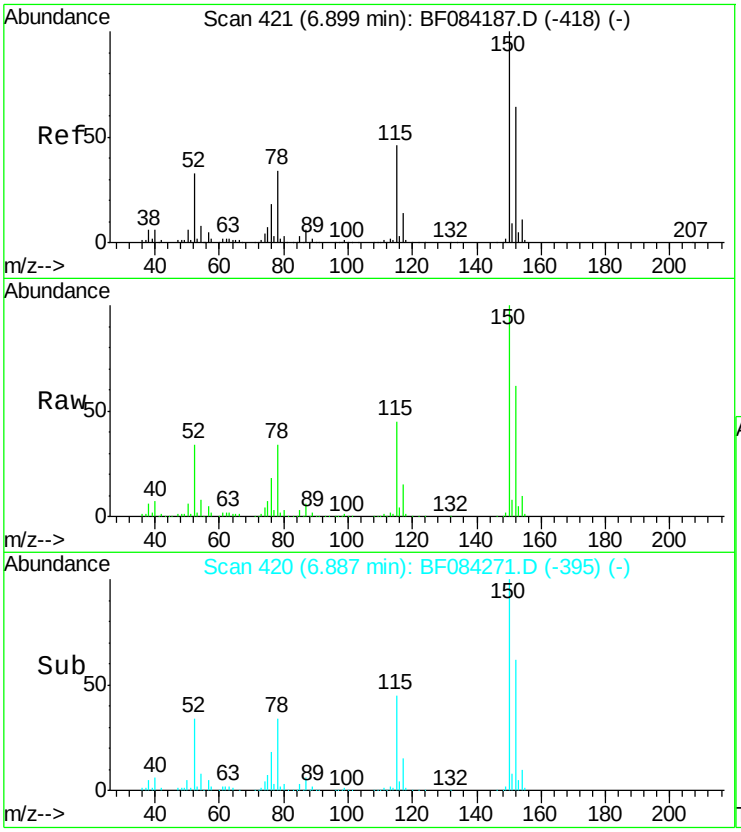
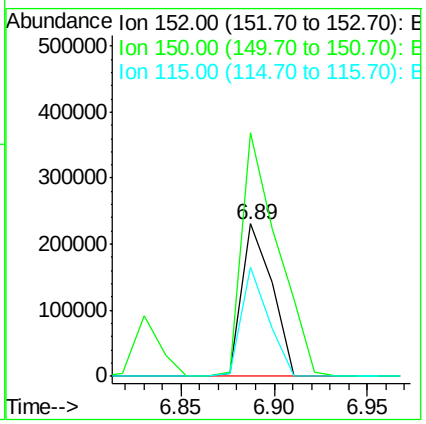




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:152 Resp: 258562

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.0	184.4
115	72.1	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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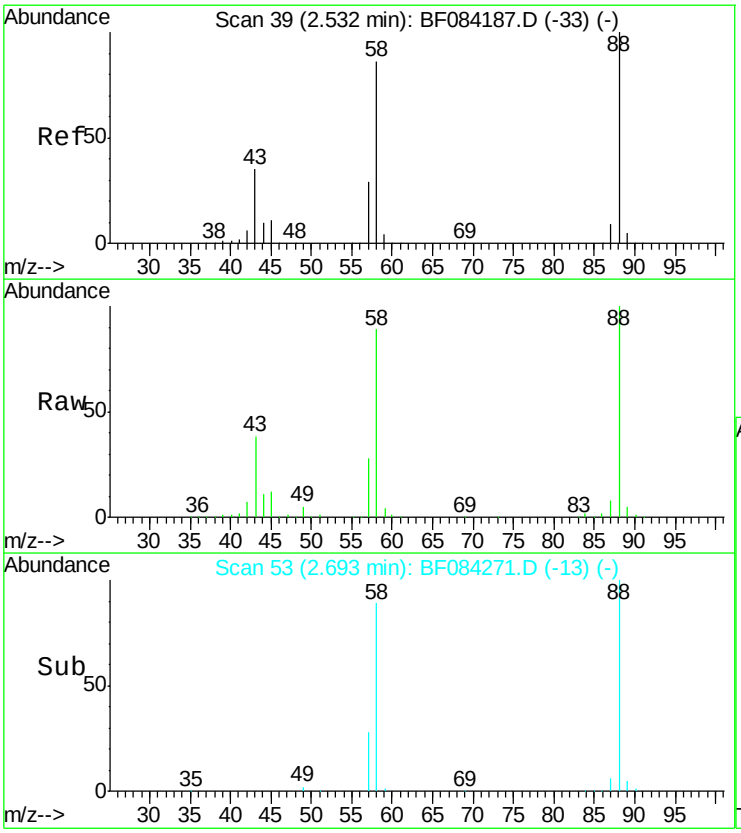
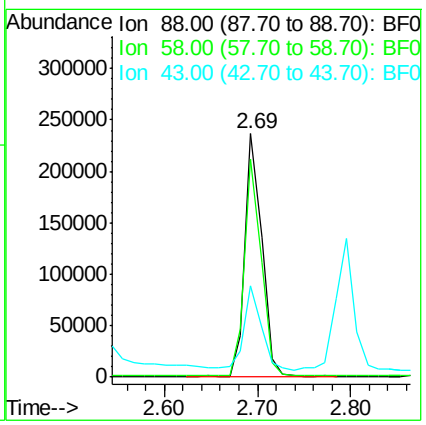
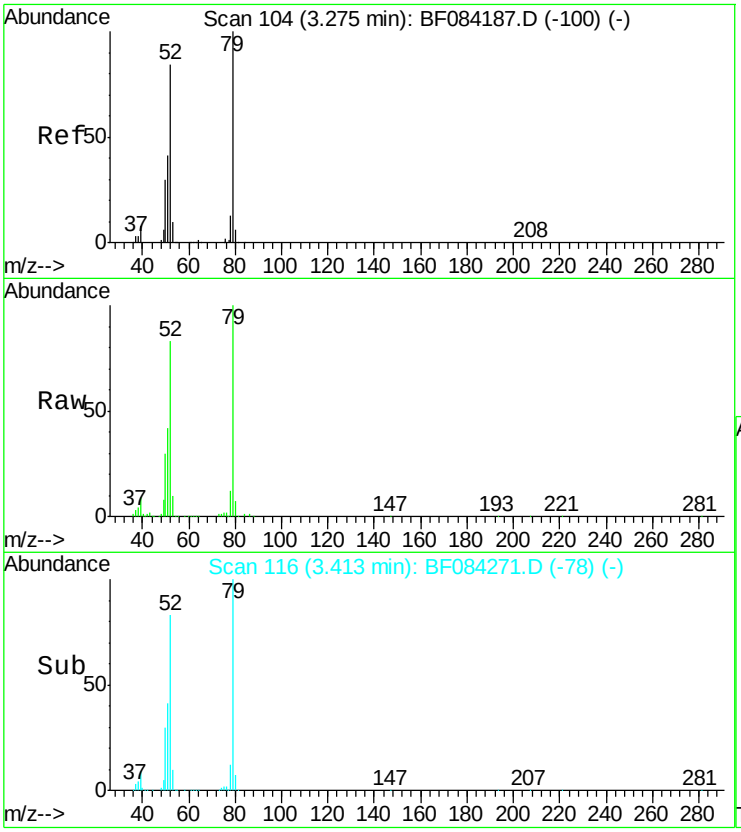


#2
1,4-Dioxane
Concen: 39.50 ng
RT: 2.69 min Scan# 53
Delta R.T. 0.16 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 88 Resp: 299083

Ion	Ratio	Lower	Upper
88	100		
58	87.7	51.2	76.8#
43	0.0	19.5	29.3#





#3
Pyridine
Concen: 31.40 ng
RT: 3.41 min Scan# 116
Delta R.T. 0.14 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 79 Resp: 662860

Ion	Ratio	Lower	Upper
79	100		
52	83.3	49.0	73.4#
51	41.6	25.2	37.8#

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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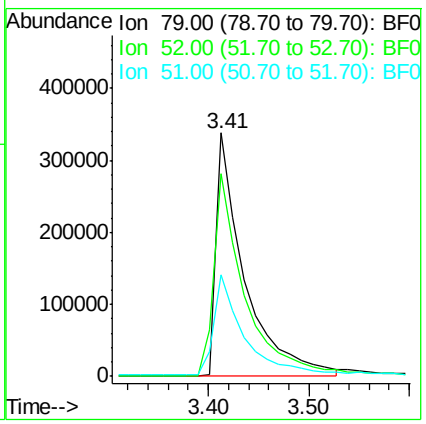
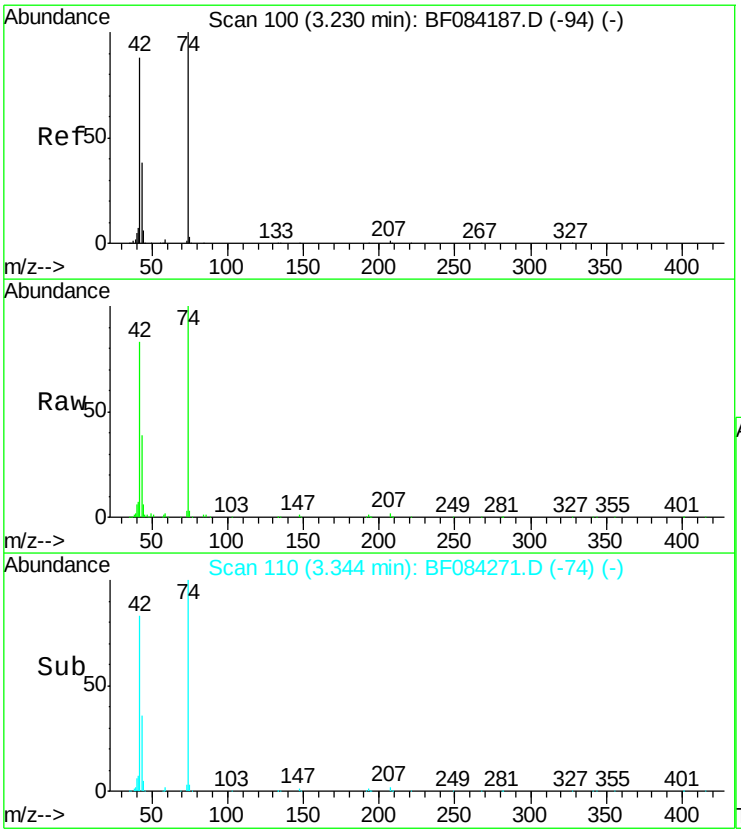
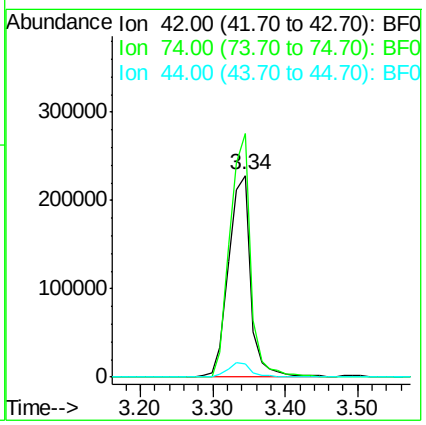


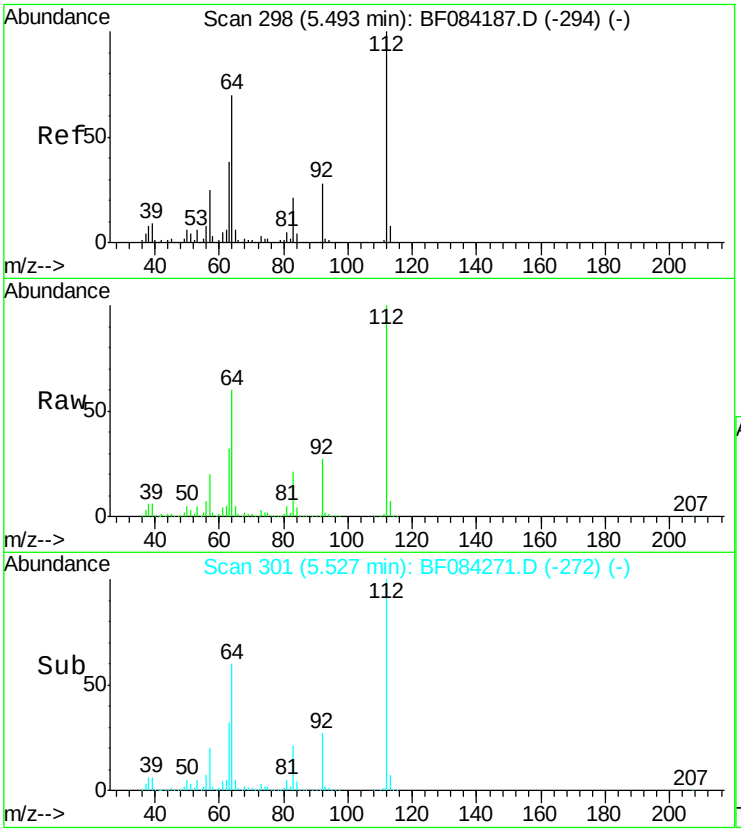


#4
n-Nitrosodimethylamine
Concen: 43.68 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.11 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 42 Resp: 473418

Ion	Ratio	Lower	Upper
42	100		
74	120.5	115.7	173.5
44	6.8	5.1	7.7





#5
2-Fluorophenol
Concen: 131.46 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.04 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:112 Resp: 2101472

Ion	Ratio	Lower	Upper
112	100		
64	60.3	36.6	55.0#
63	32.2	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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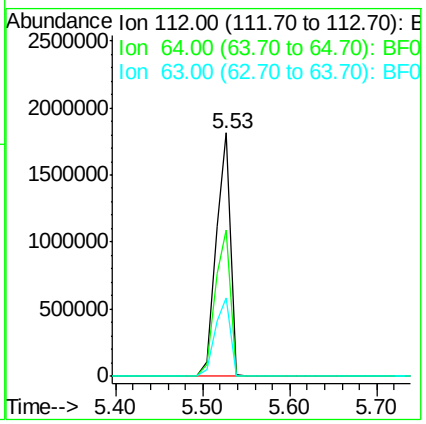
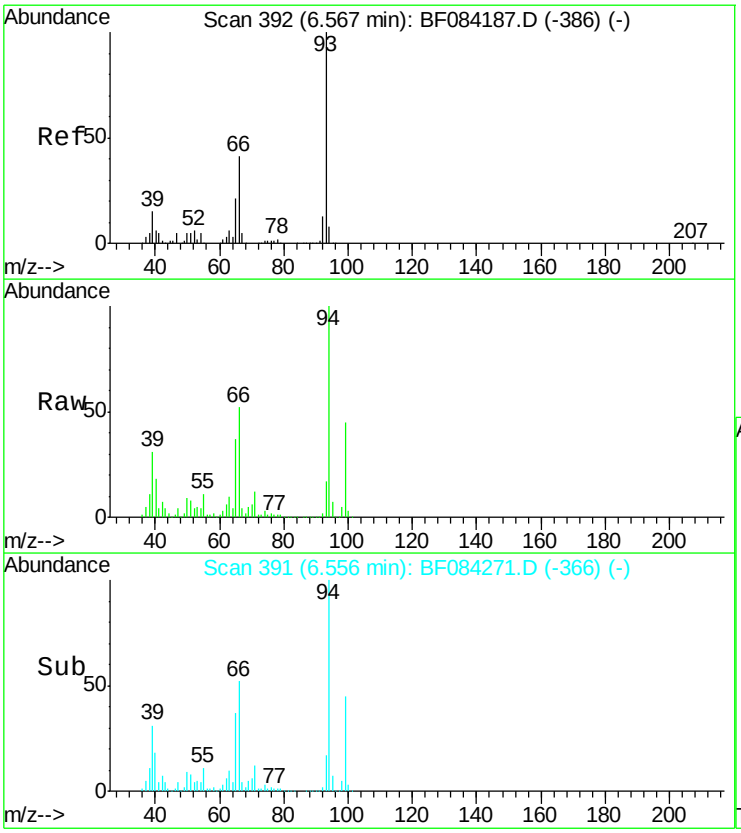
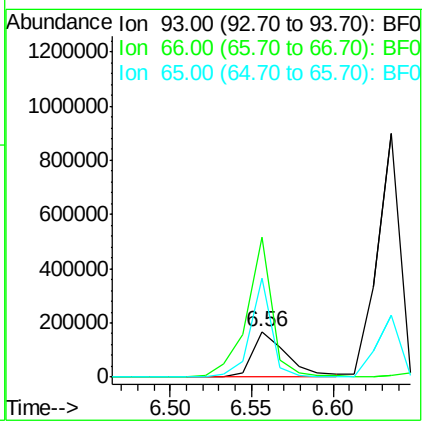


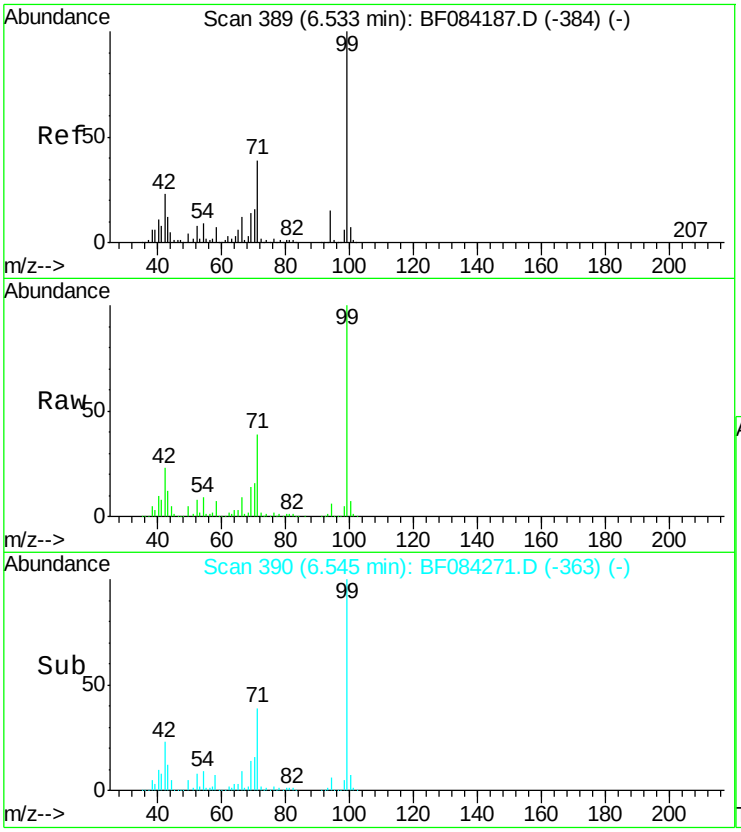


#6
Aniline
Concen: 8.52 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 93 Resp: 250361

Ion	Ratio	Lower	Upper
93	100		
66	305.8	44.9	67.3#
65	218.4	23.7	35.5#

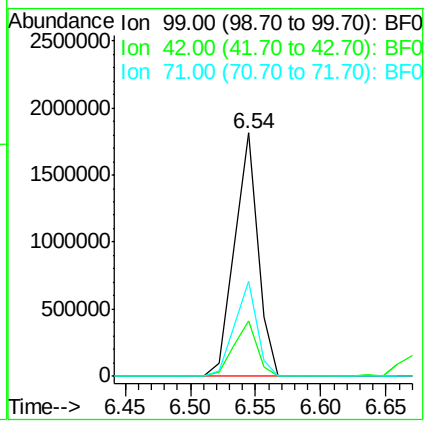




#7
Phenol-d6
Concen: 112.07 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 99 Resp: 2250003

Ion	Ratio	Lower	Upper
99	100		
42	22.8	12.8	19.2#
71	39.1	30.9	46.3



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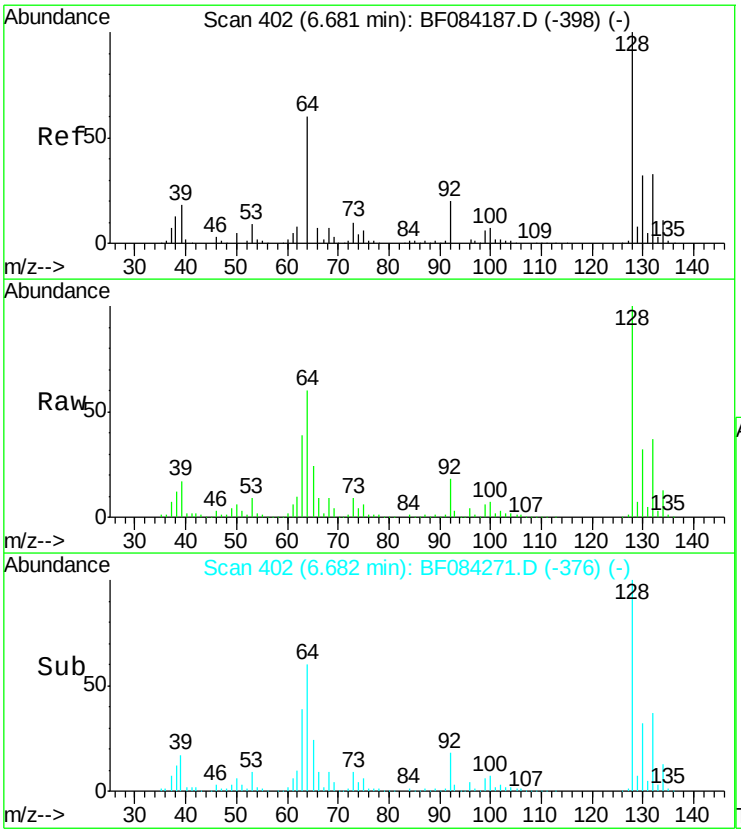
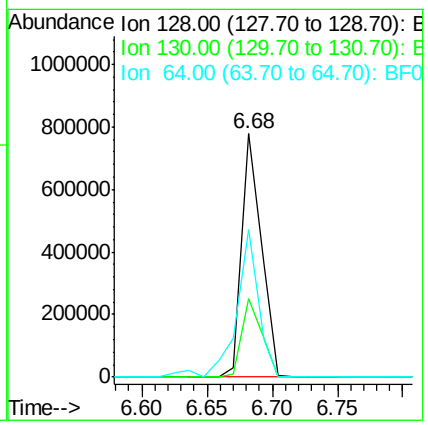
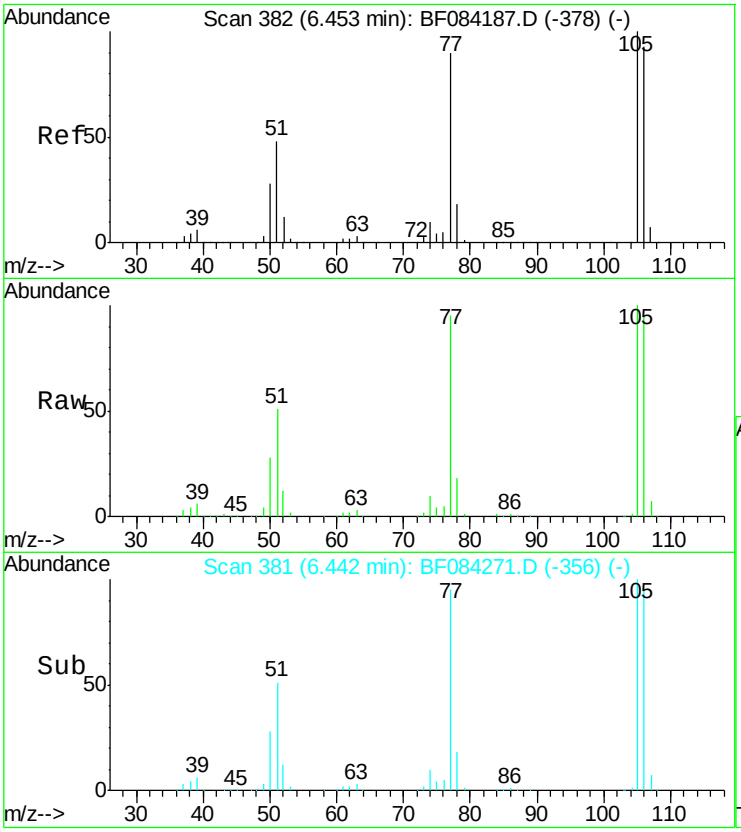


#8
2-Chlorophenol
Concen: 44.48 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:128 Resp: 806748

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.6	51.6
64	60.4	23.8	63.8

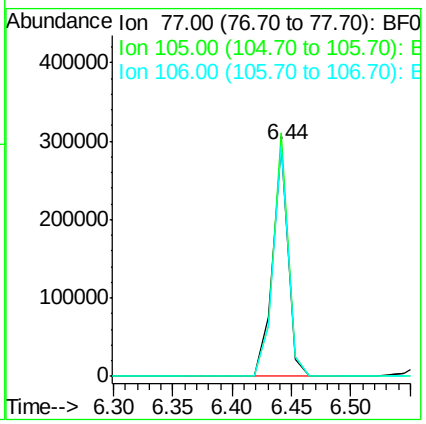




#9
Benzaldehyde
Concen: 20.71 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 77 Resp: 270701

Ion	Ratio	Lower	Upper
77	100		
105	105.3	83.0	123.0
106	100.0	74.6	114.6



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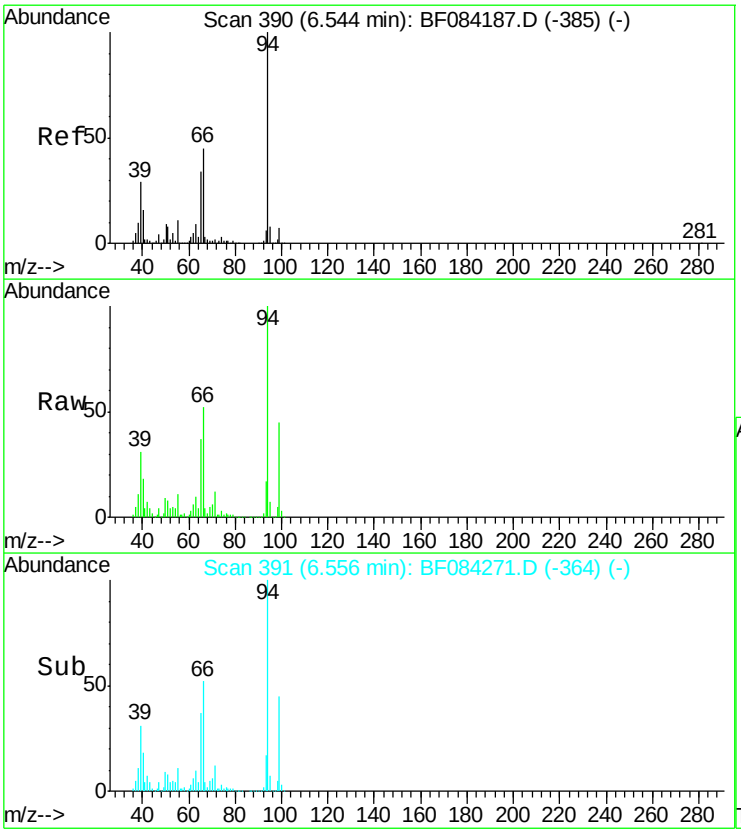
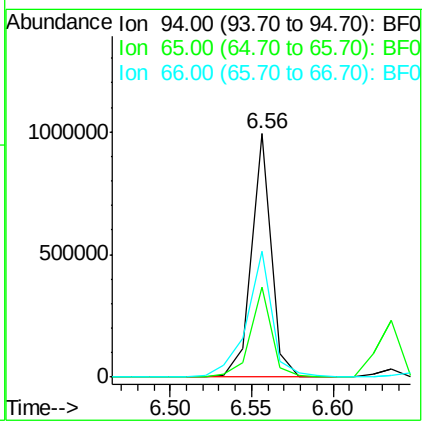
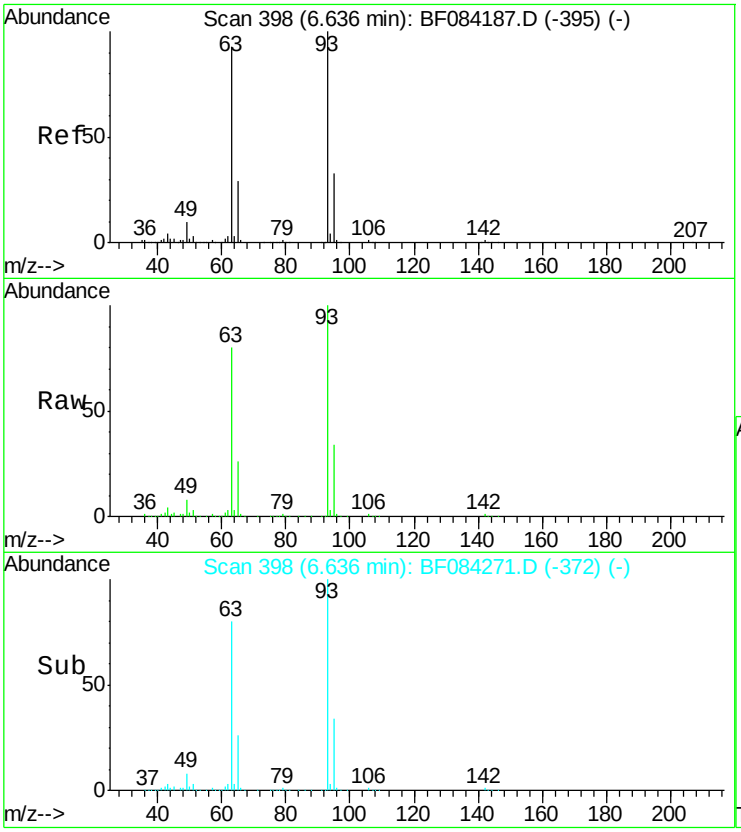


#10
Phenol
Concen: 36.49 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 94 Resp: 833019

Ion	Ratio	Lower	Upper
94	100		
65	37.0	12.9	52.9
66	51.8	32.7	72.7

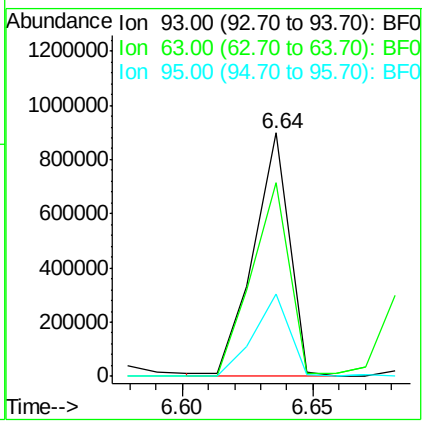




#11
bis(2-Chloroethyl)ether
Concen: 48.59 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 93 Resp: 859182

Ion	Ratio	Lower	Upper
93	100		
63	79.8	45.9	85.9
95	33.8	12.3	52.3



Instrument :
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ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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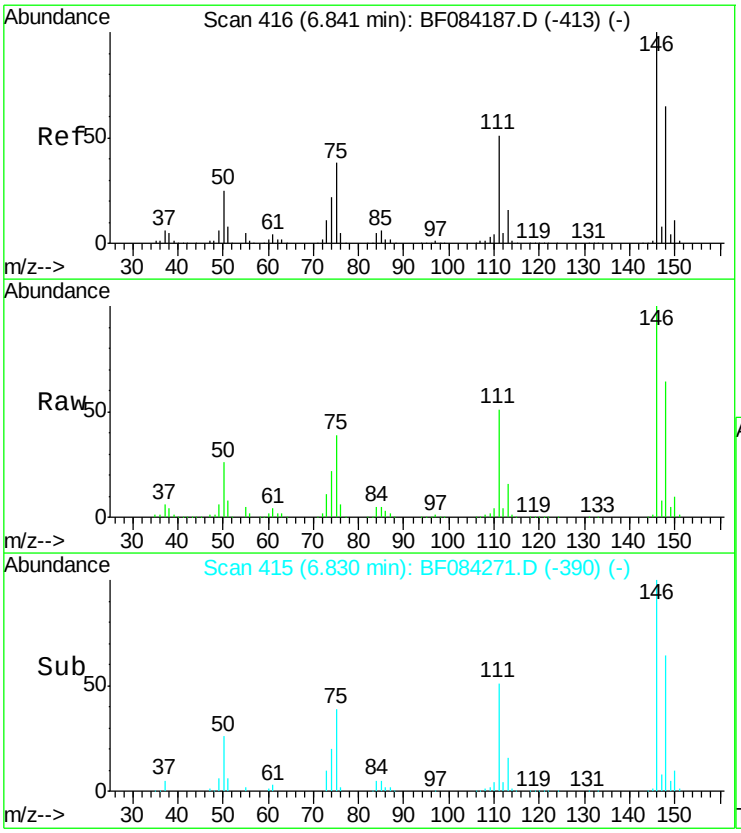
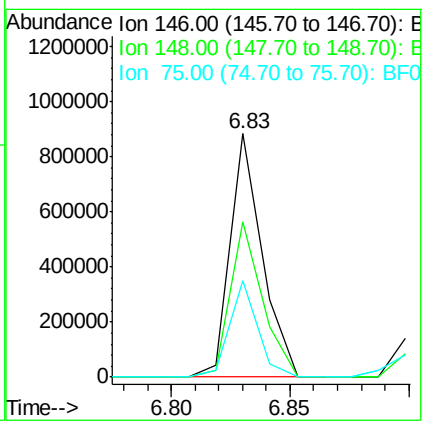
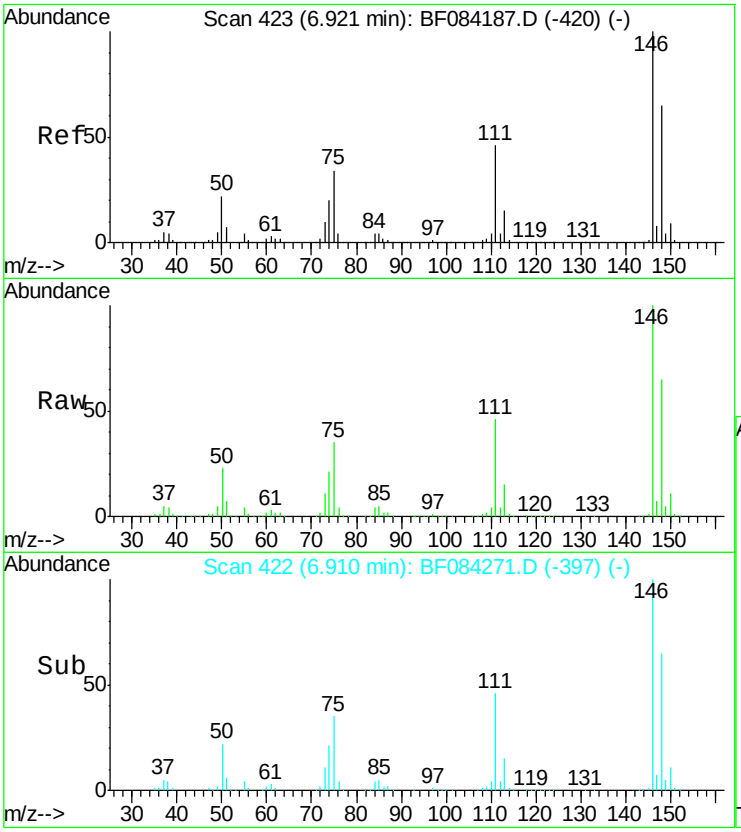


#12
1,3-Dichlorobenzene
Concen: 44.23 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:146 Resp: 827486

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	39.4	20.5	30.7#

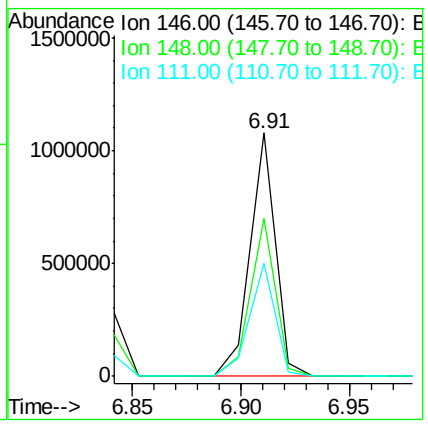




#13
1,4-Dichlorobenzene
Concen: 46.69 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:146 Resp: 875930

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	46.5	41.6	62.4



Instrument :
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ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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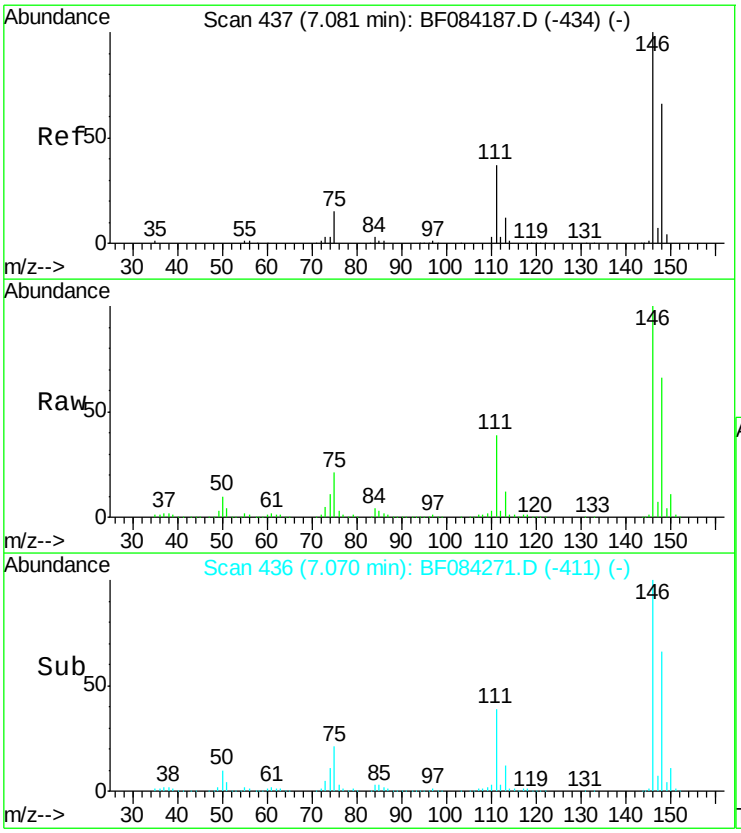
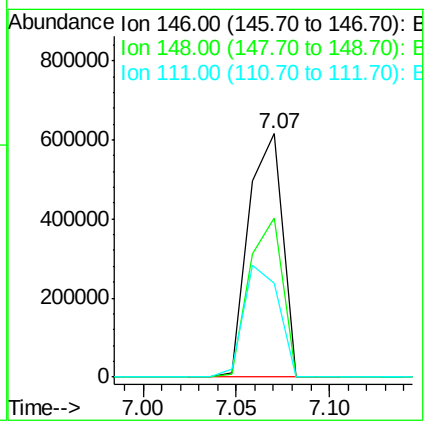
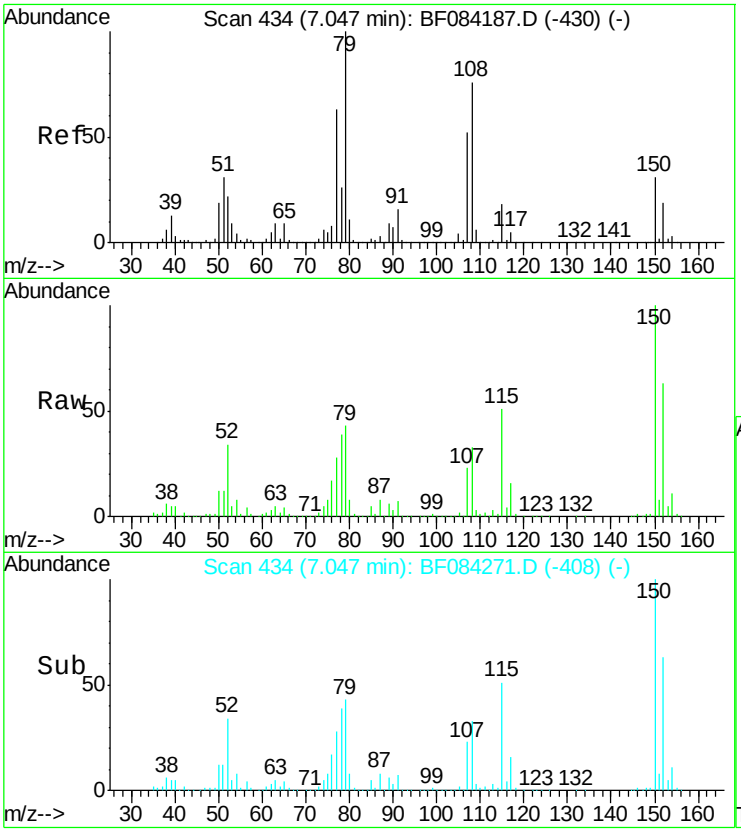


#14
1,2-Dichlorobenzene
Concen: 42.78 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:146 Resp: 768698

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
111	38.7	38.0	57.0

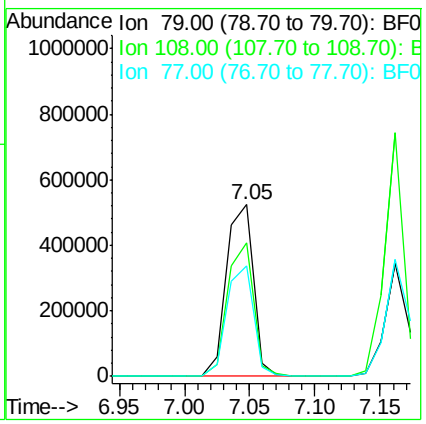




#15
Benzyl Alcohol
Concen: 44.52 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 79 Resp: 751952

Ion	Ratio	Lower	Upper
79	100		
108	77.8	69.0	103.4
77	64.5	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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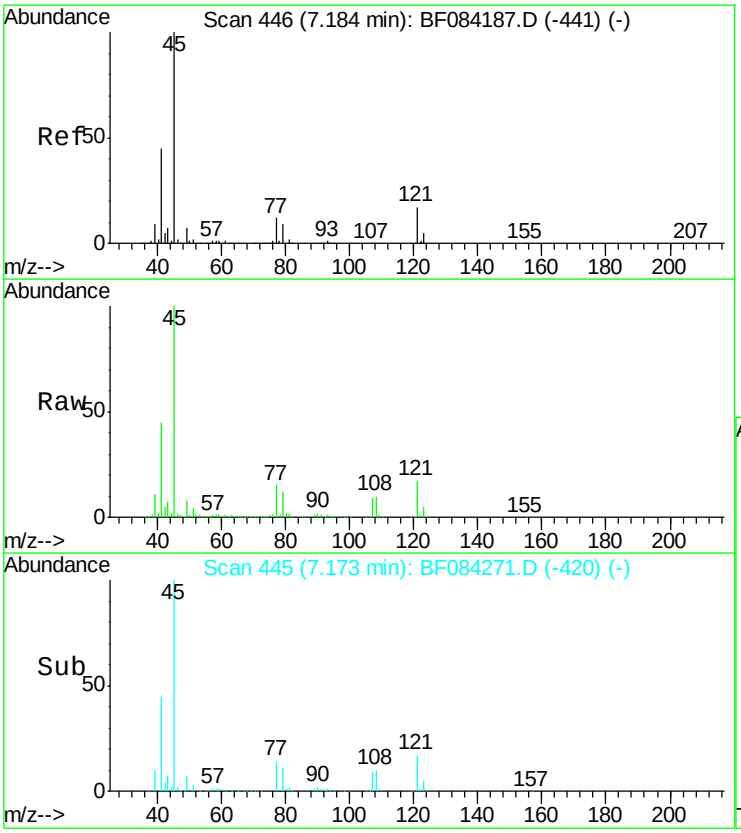
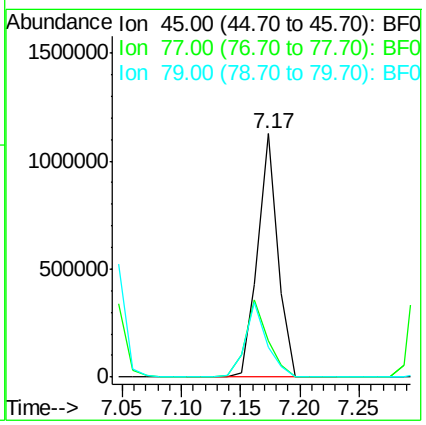
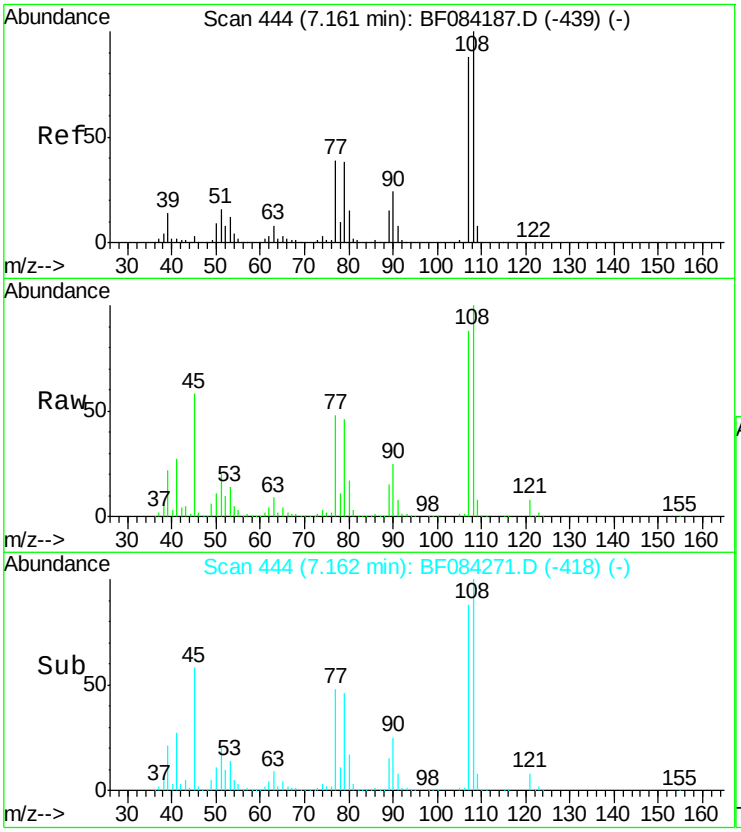


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.72 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 45 Resp: 1343271

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	39.6
79	12.1	0.0	35.0

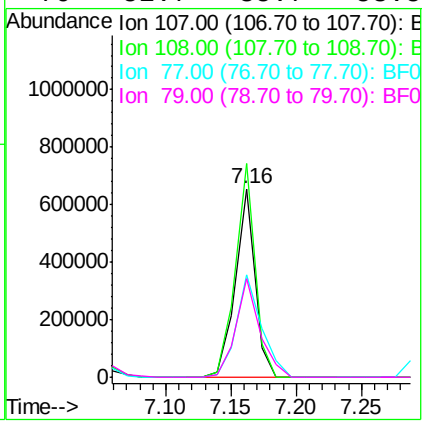




#17
2-Methylphenol
Concen: 44.59 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:107 Resp: 677740

Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.8	134.6
77	54.3	35.7	53.5#
79	52.7	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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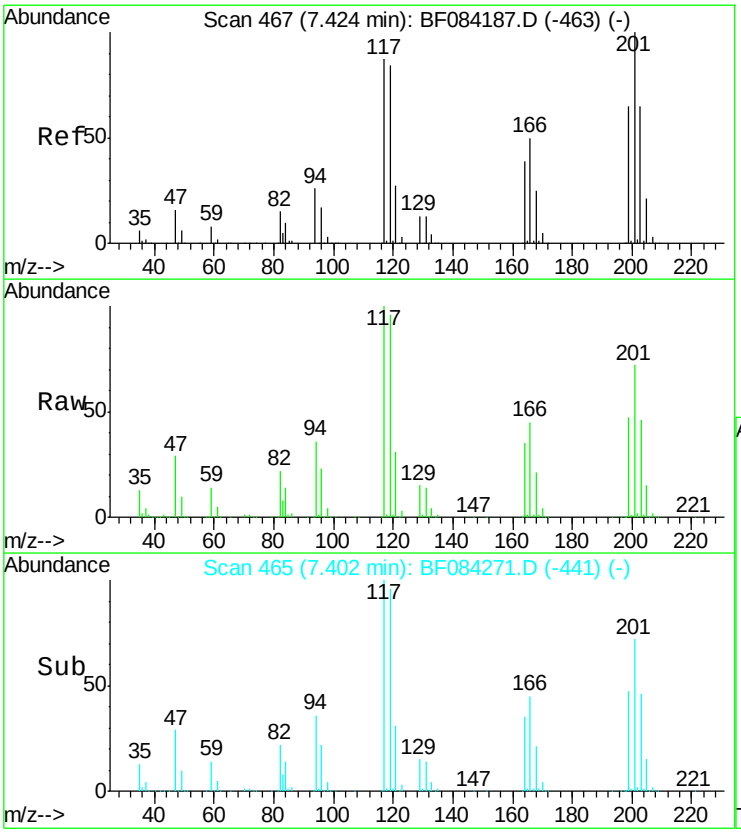
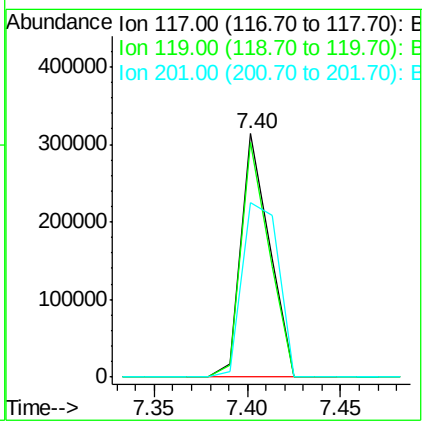
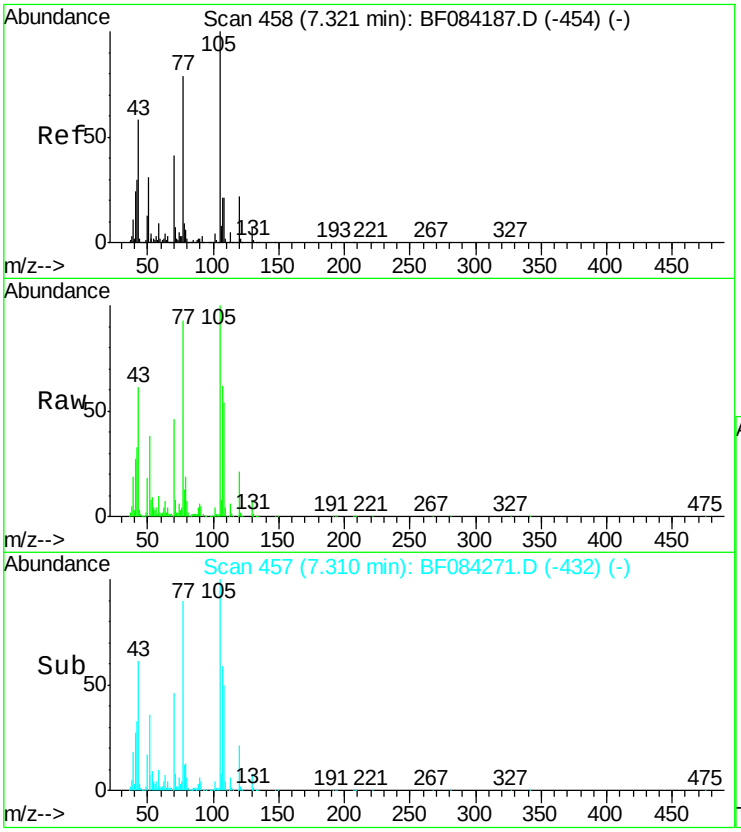


#18
Hexachloroethane
Concen: 44.21 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:117 Resp: 331659

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	71.7	68.6	103.0

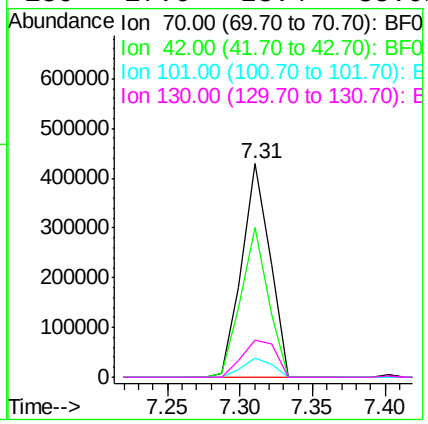




#19
n-Nitroso-di-n-propylamine
Concen: 42.70 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 70 Resp: 580326

Ion	Ratio	Lower	Upper
70	100		
42	70.1	33.3	49.9#
101	8.9	9.3	13.9#
130	17.6	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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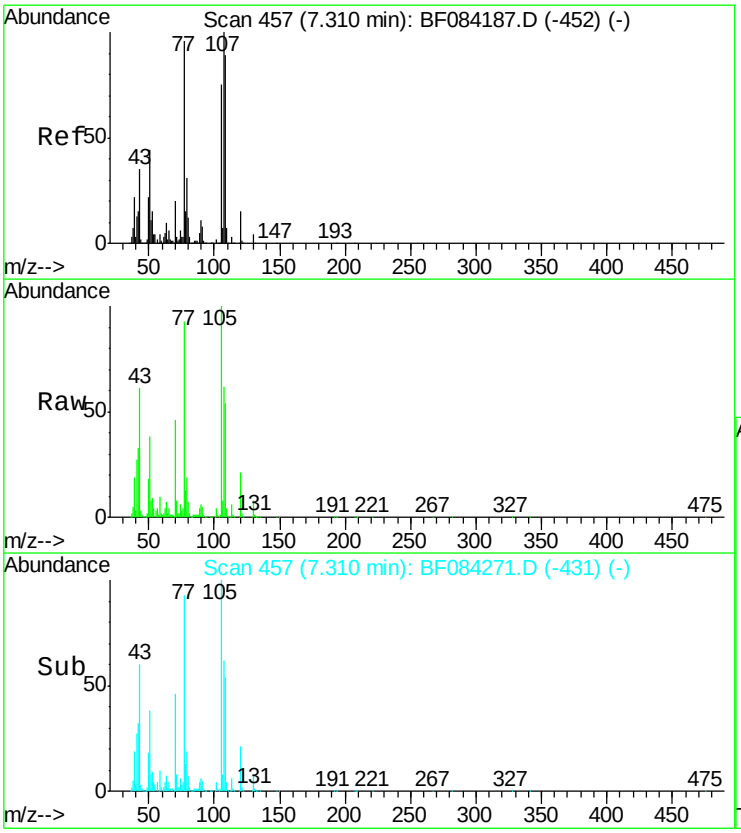
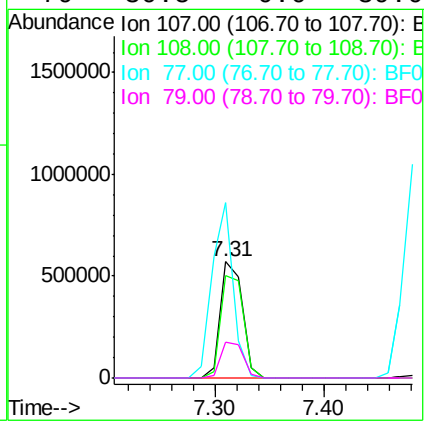
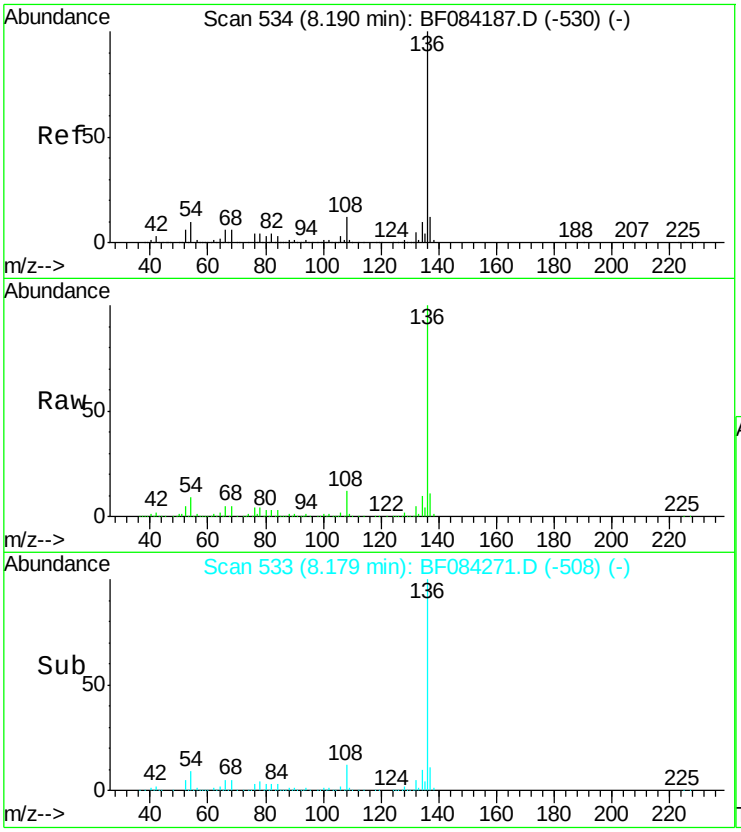


#20
3+4-Methylphenols
Concen: 44.80 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:107 Resp: 800434

Ion	Ratio	Lower	Upper
107	100		
108	87.9	74.6	114.6
77	151.2	0.7	40.7#
79	30.5	0.0	39.0

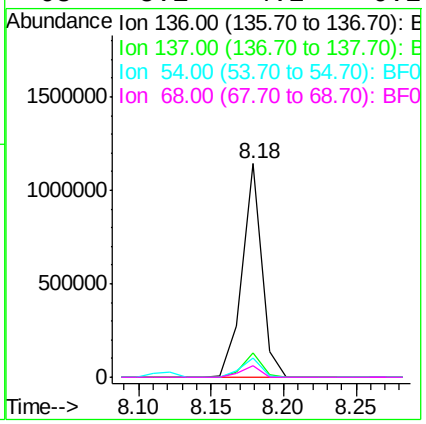




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:136 Resp: 1072620

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.2	5.8	8.8#
68	5.1	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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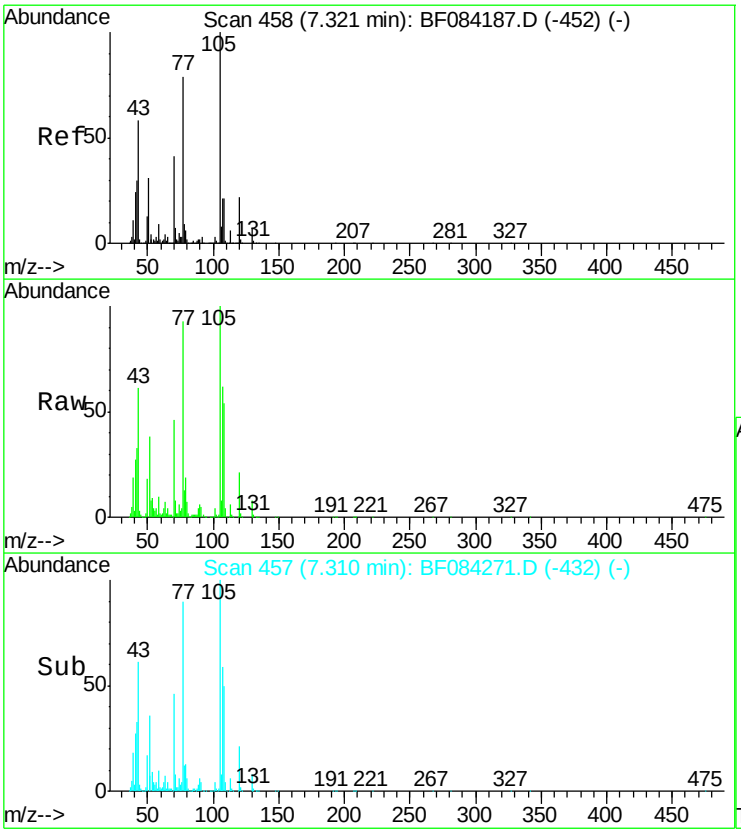
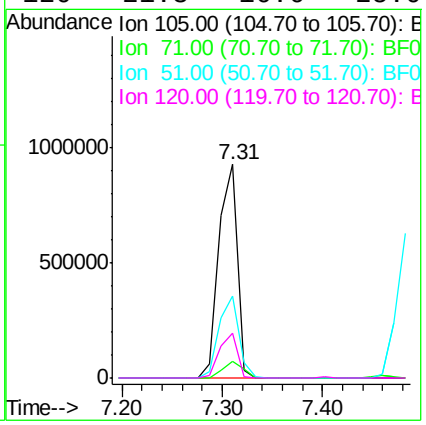
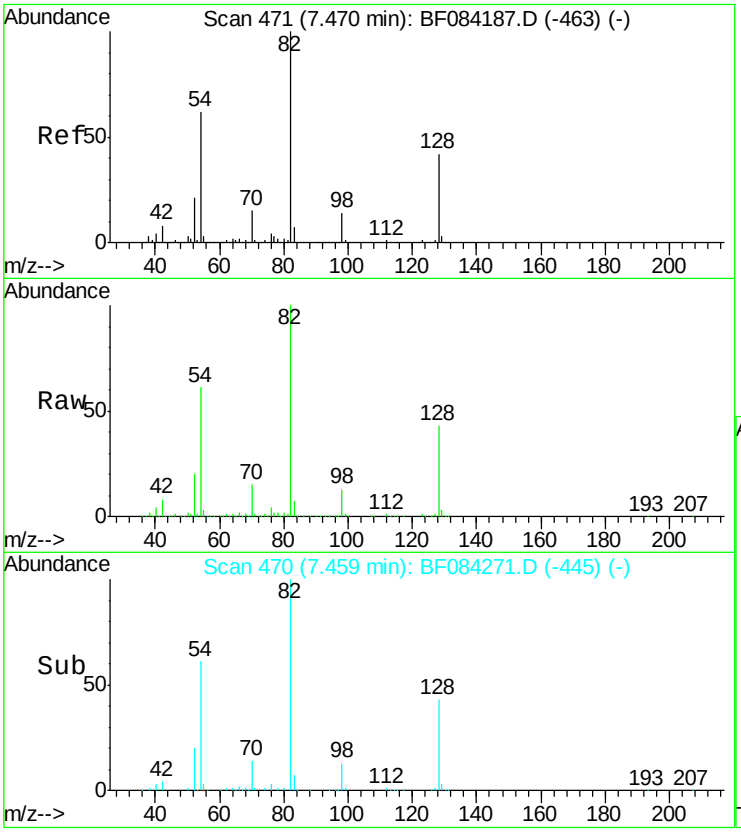


#22
Acetophenone
Concen: 45.97 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:105 Resp: 1185583

Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.7	5.5#
51	38.4	25.1	37.7#
120	21.3	16.6	25.0

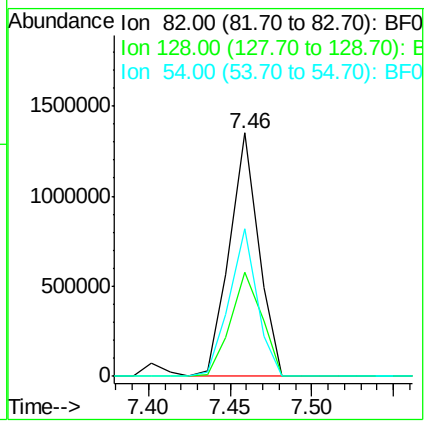




#23
Nitrobenzene-d5
Concen: 86.95 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 82 Resp: 1675747

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	60.8	38.4	57.6#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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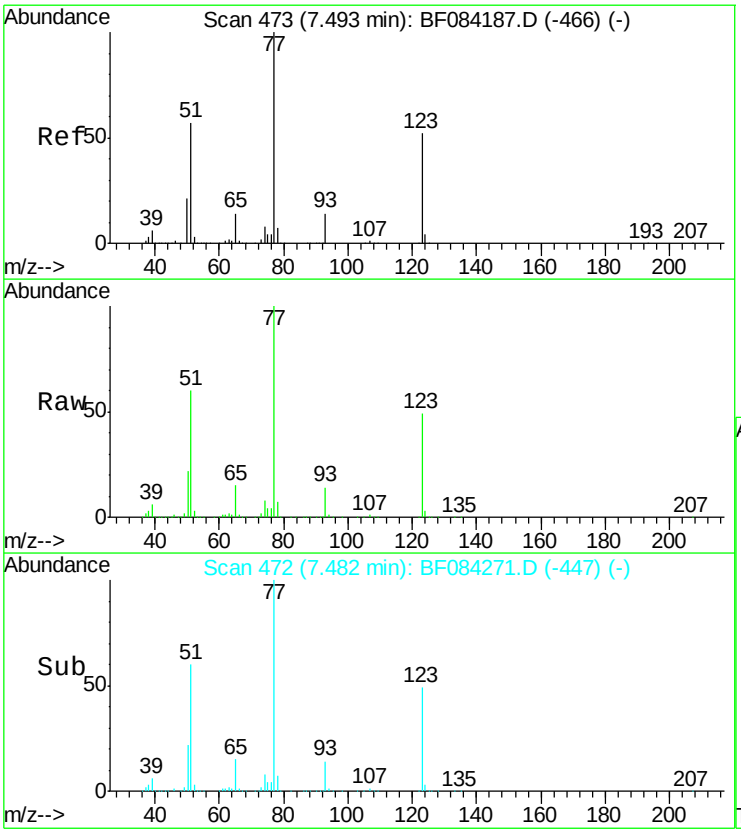
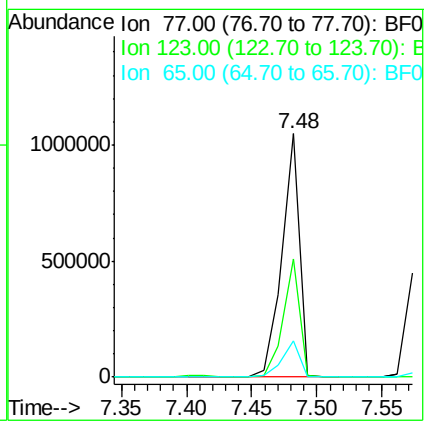
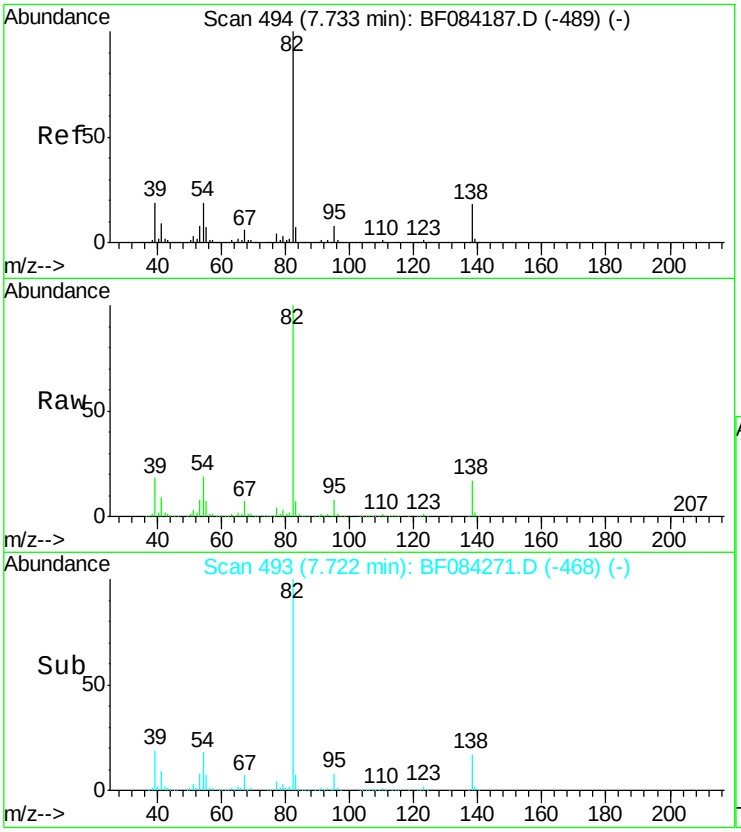


#24
Nitrobenzene
Concen: 50.66 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 77 Resp: 990180

Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.4	56.2
65	14.8	10.9	16.3

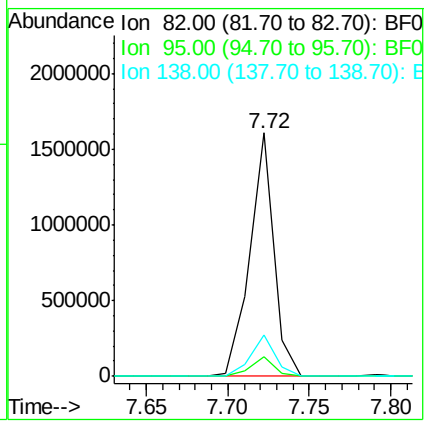




#25
Isophorone
Concen: 44.64 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 82 Resp: 1645575

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	17.1	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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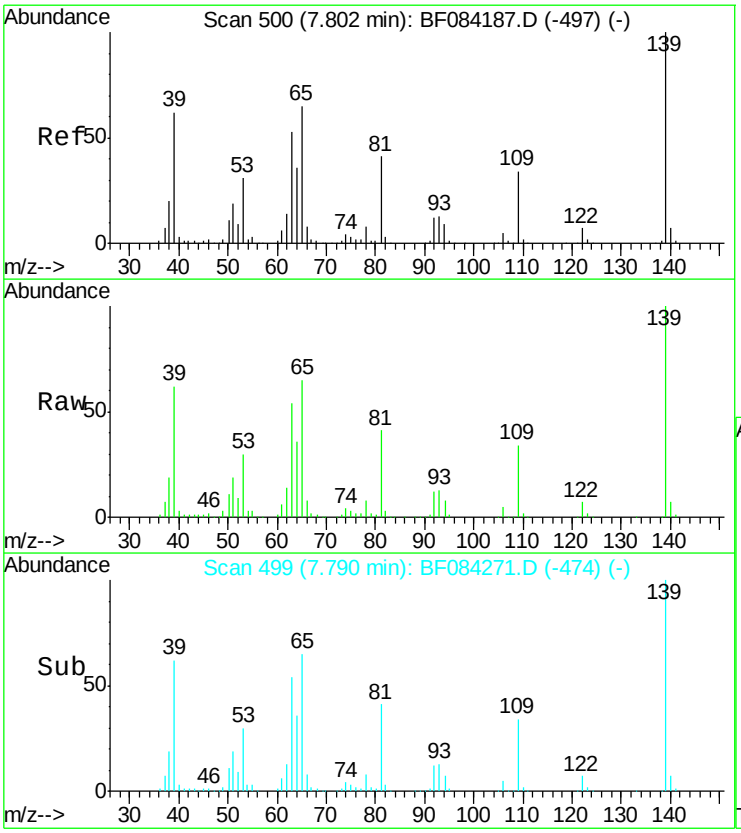
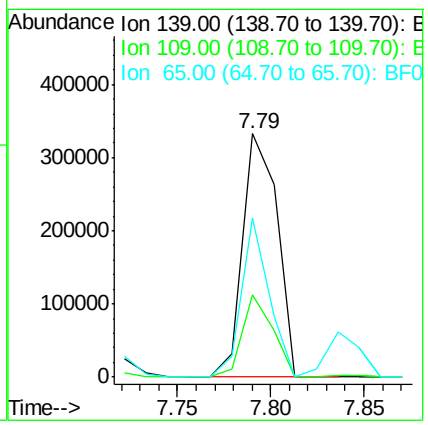
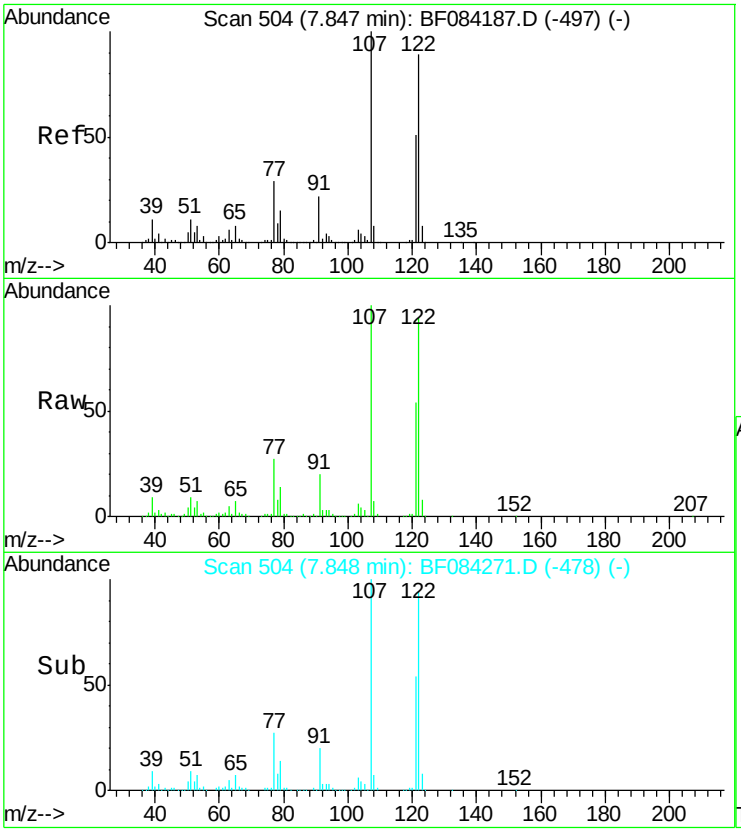


#26
2-Nitrophenol
Concen: 48.45 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:139 Resp: 431017

Ion	Ratio	Lower	Upper
139	100		
109	33.7	25.4	38.2
65	65.4	32.3	48.5#

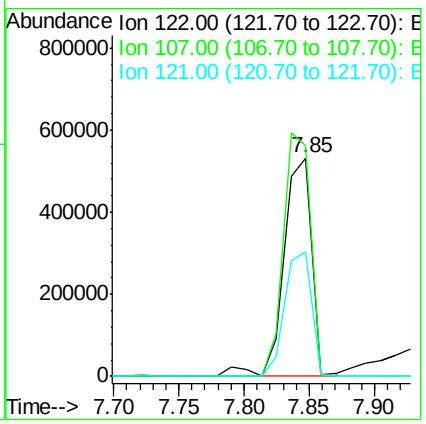




#27
2,4-Dimethylphenol
Concen: 44.31 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:122 Resp: 797870

Ion	Ratio	Lower	Upper
122	100		
107	106.0	99.1	148.7
121	57.4	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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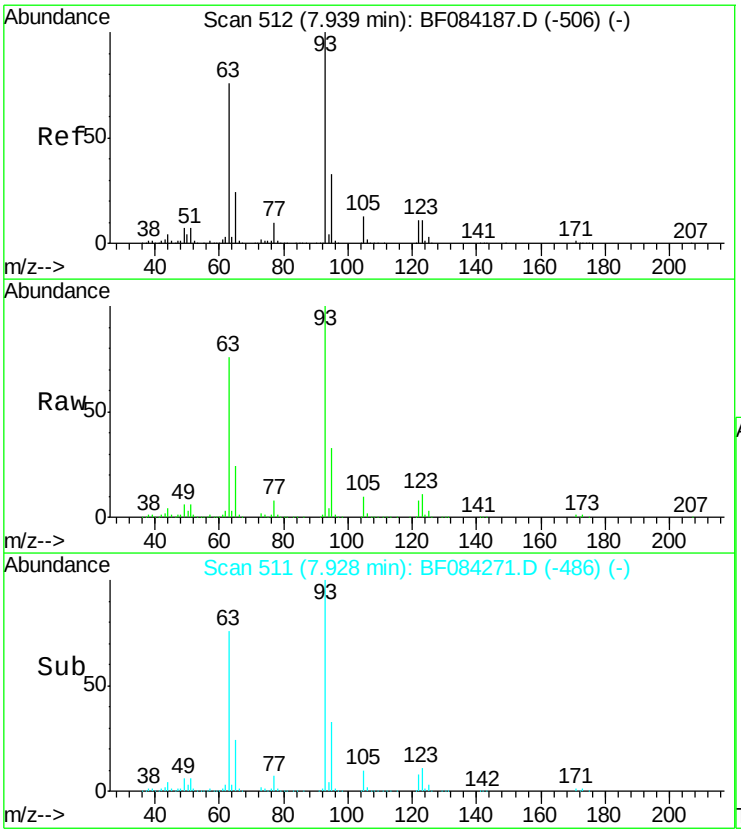
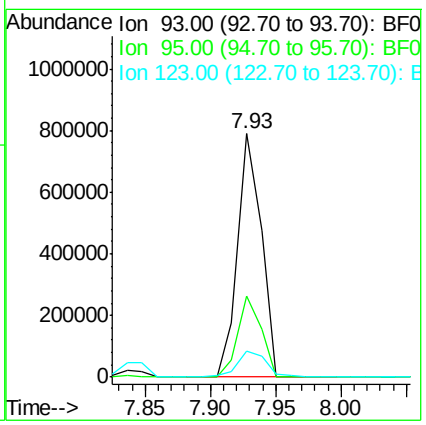
1/5/2016 4:07:33 PM

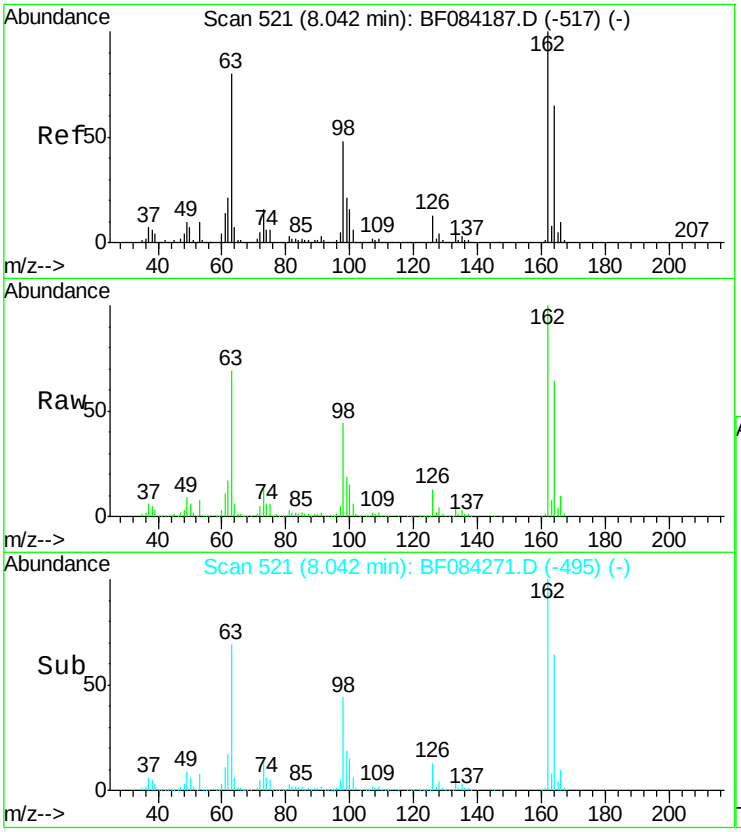


#28
bis(2-Chloroethoxy)methane
Concen: 44.00 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 93 Resp: 990684

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.6
123	10.6	8.6	12.8

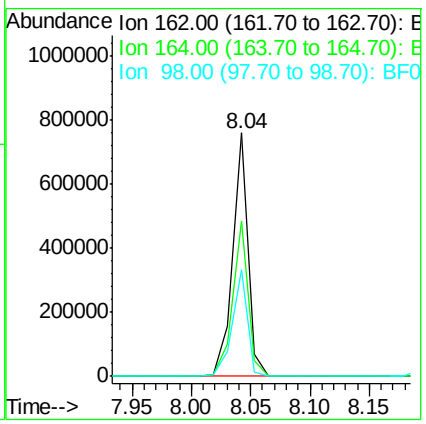




#29
2,4-Dichlorophenol
Concen: 45.76 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:162 Resp: 686437

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.1	84.1
98	43.8	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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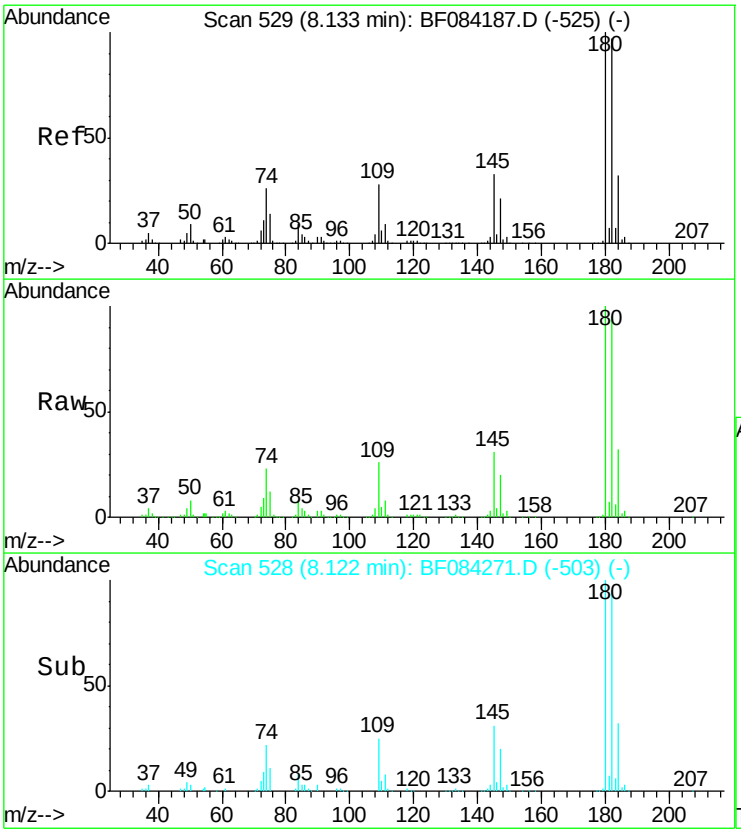
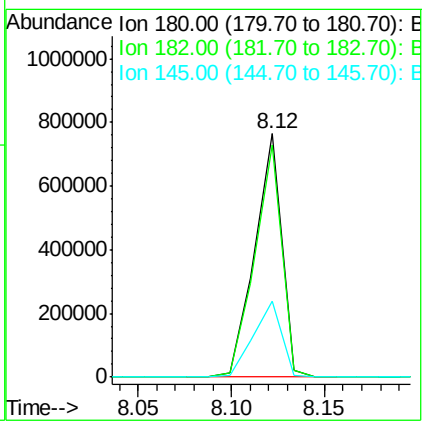
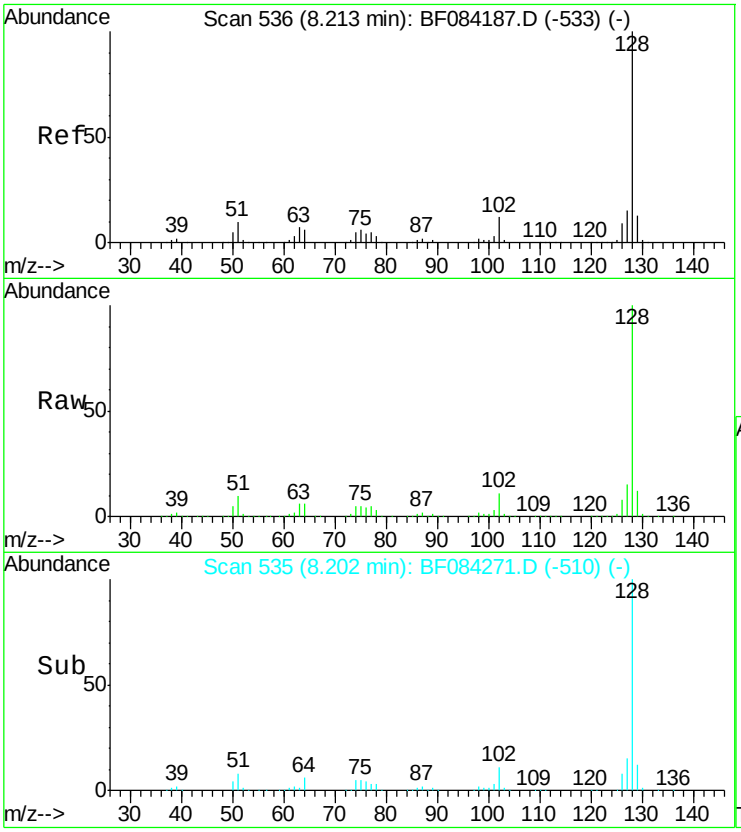


#30
1,2,4-Trichlorobenzene
Concen: 49.23 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:180 Resp: 762389

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	31.2	31.6	47.4#

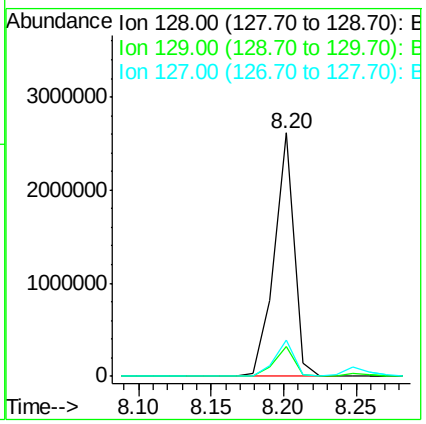




#31
Naphthalene
Concen: 50.77 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:128 Resp: 2470501

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.9	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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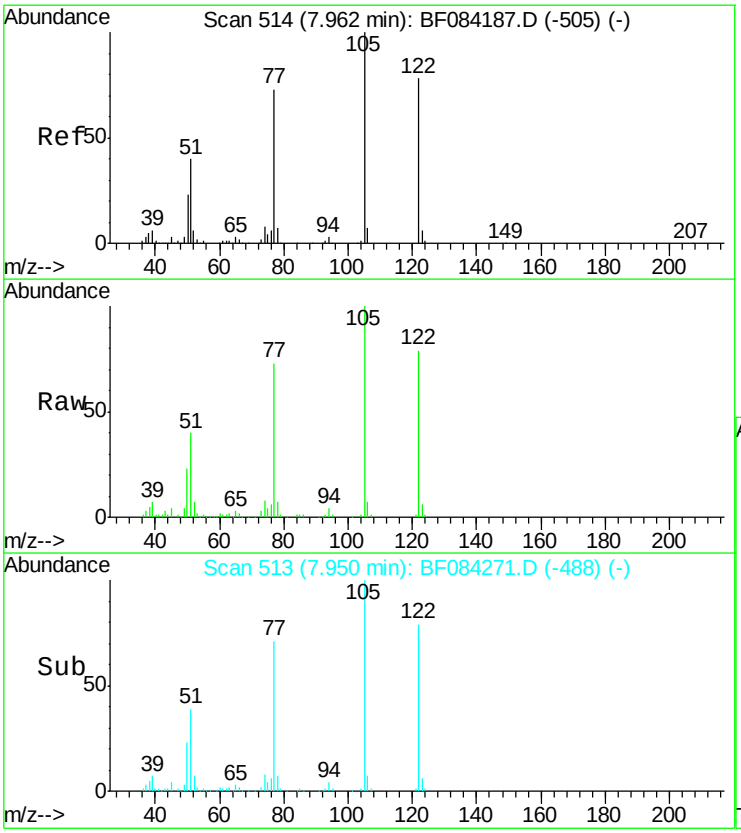
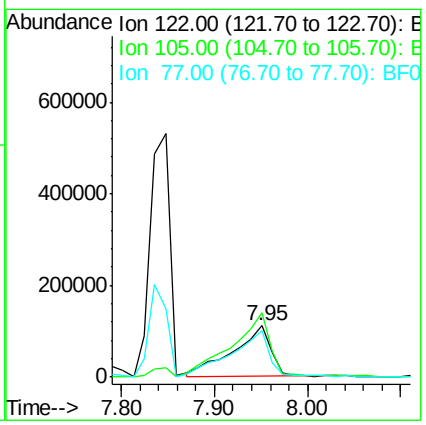
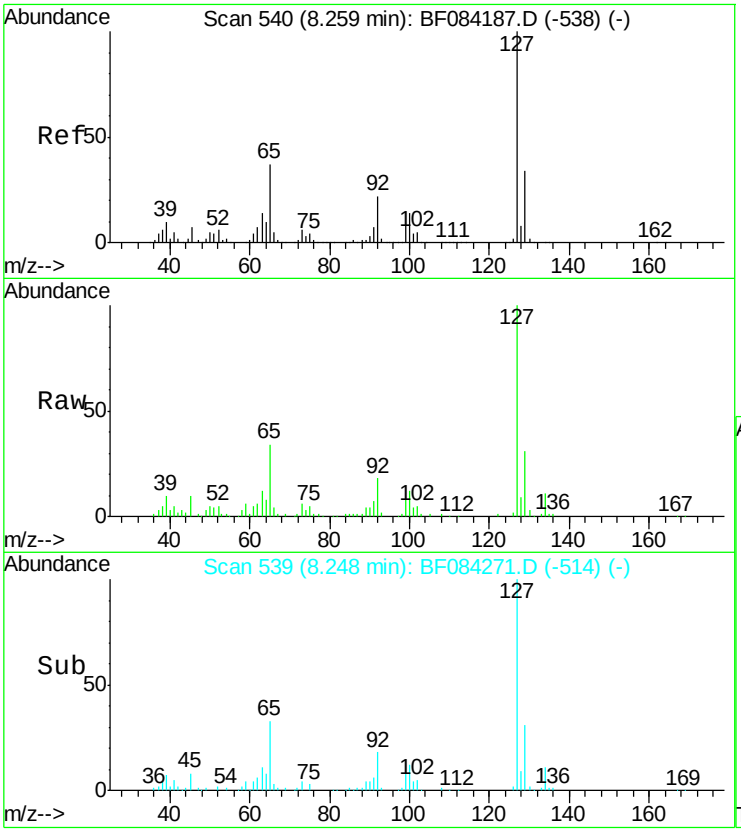


#32
Benzoic acid
Concen: 29.84 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:122 Resp: 314235

Ion	Ratio	Lower	Upper
122	100		
105	126.8	100.3	140.3
77	92.3	63.5	103.5

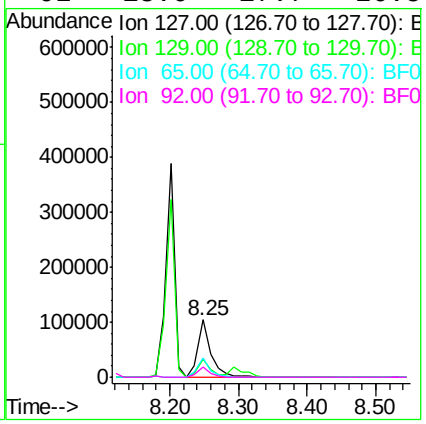




#33
4-Chloroaniline
Concen: 6.24 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:127 Resp: 139105

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	33.8	27.2	40.8
92	18.0	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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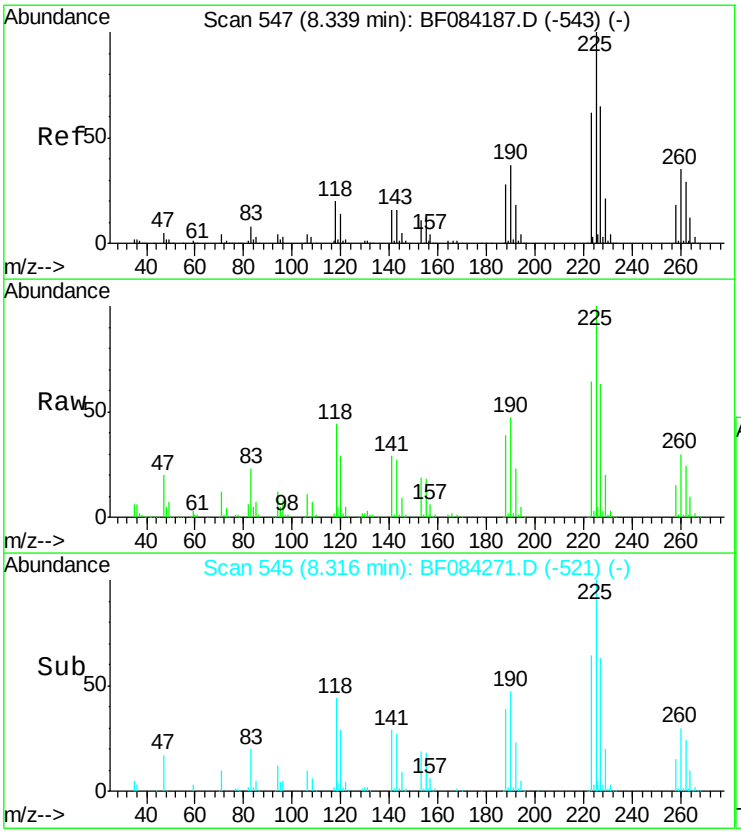
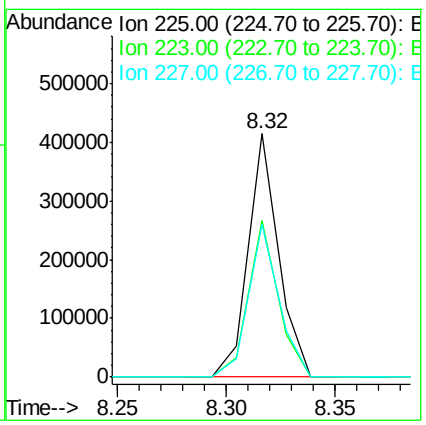
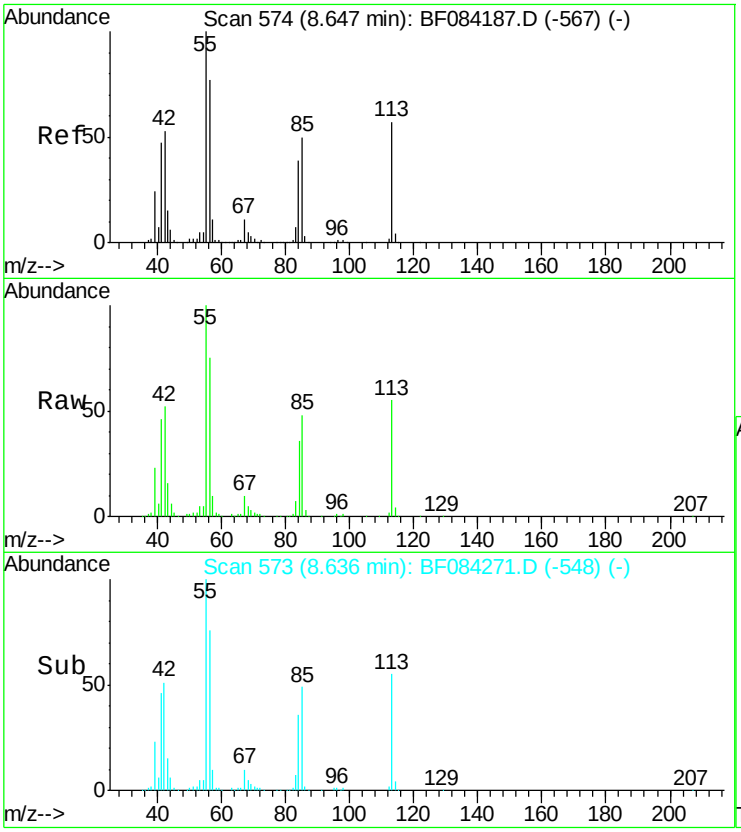


#34
Hexachlorobutadiene
Concen: 45.28 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:225 Resp: 403068

Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	62.5	50.8	76.2

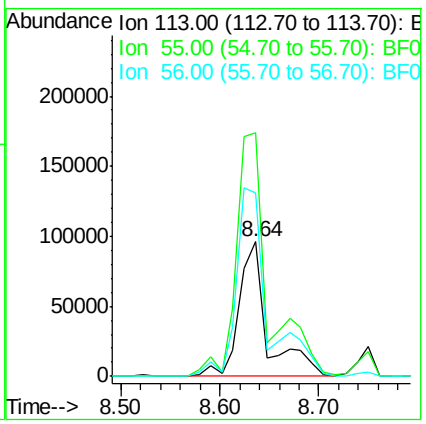




#35
Caprolactam
Concen: 37.95 ng m
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:113 Resp: 191878

Ion	Ratio	Lower	Upper
113	100		
55	181.0	116.9	156.9#
56	136.5	93.8	133.8#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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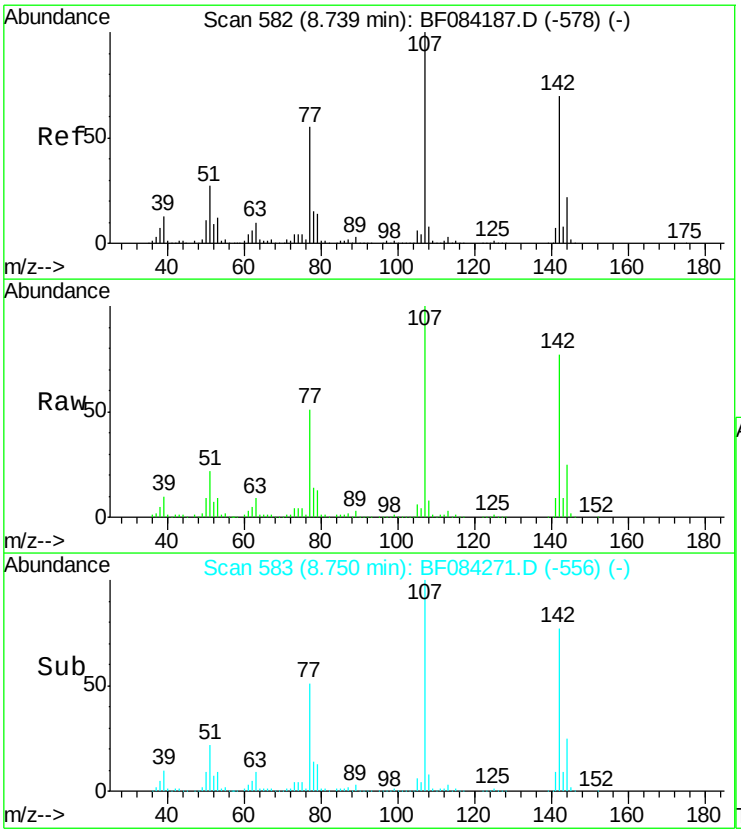
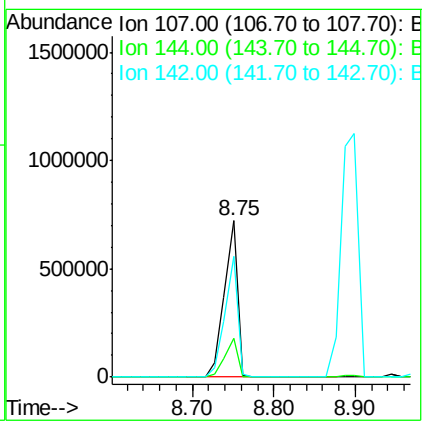
1/5/2016 4:07:33 PM

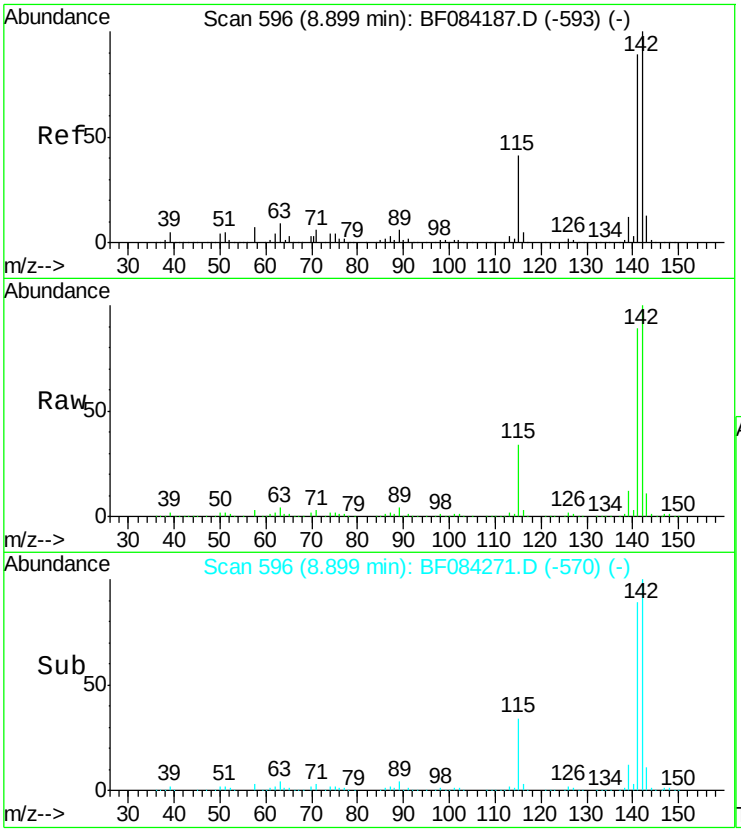


#36
4-Chloro-3-methylphenol
Concen: 47.95 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:107 Resp: 805581

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.7	29.5
142	77.0	61.8	92.6

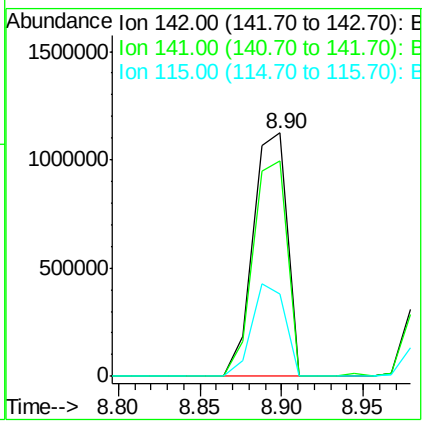




#37
2-Methylnaphthalene
Concen: 46.80 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:142 Resp: 1635055

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.4	108.6
115	33.6	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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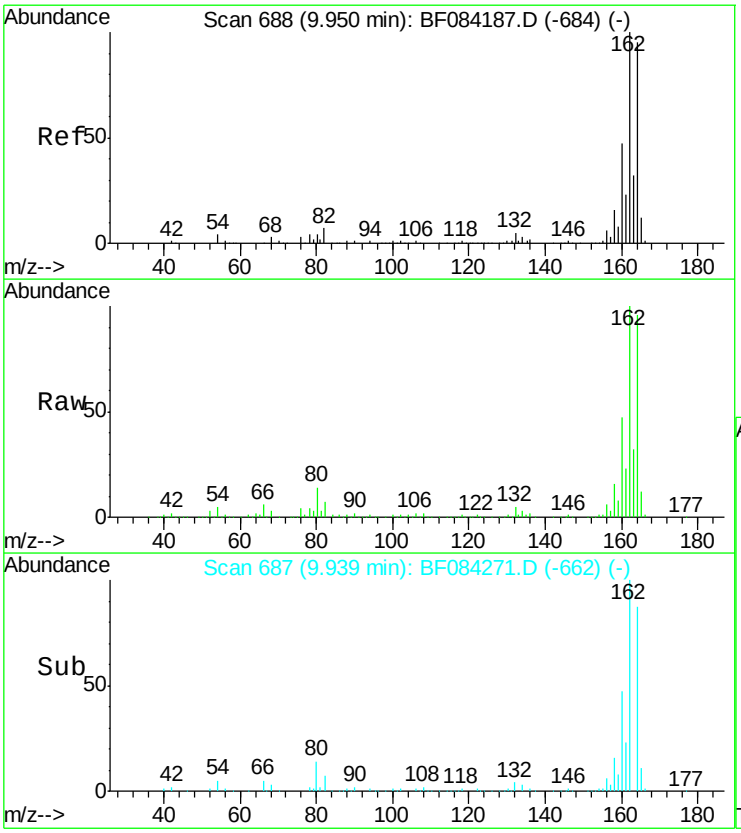
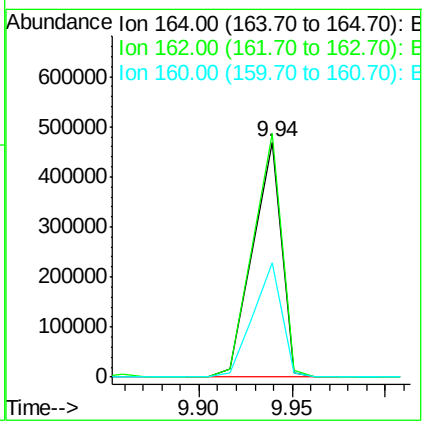
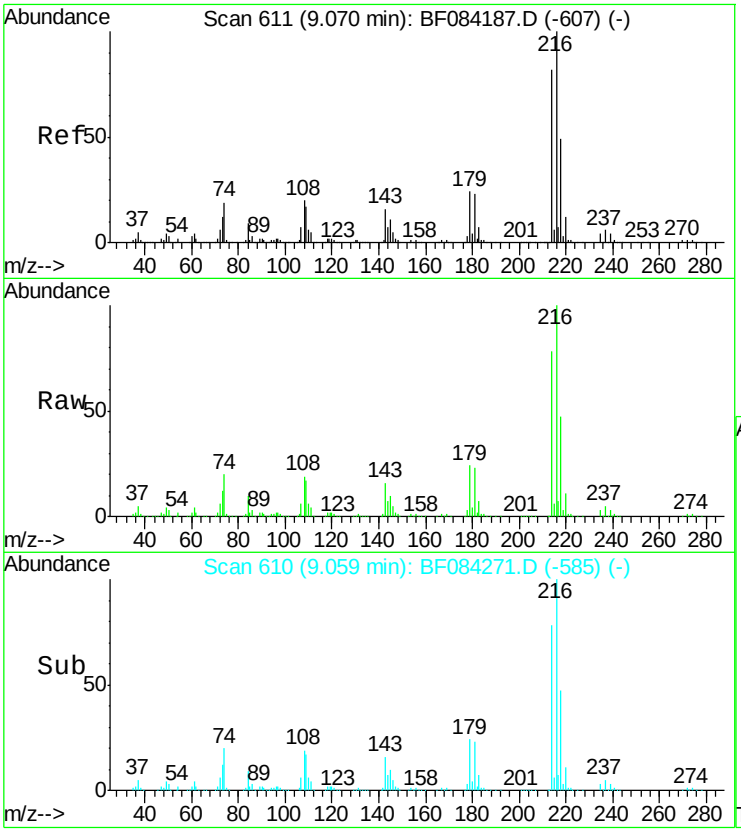


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:164 Resp: 498143

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	48.9	37.5	56.3

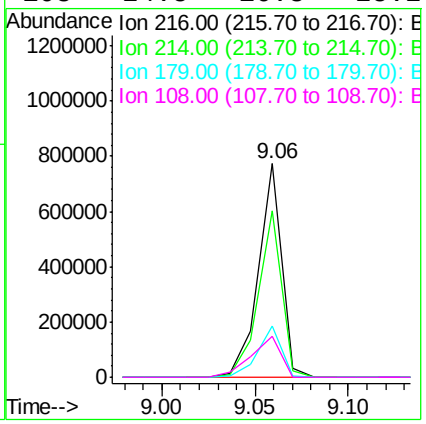




#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.31 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:216 Resp: 677493

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.2	96.2
179	24.3	18.7	28.1
108	24.5	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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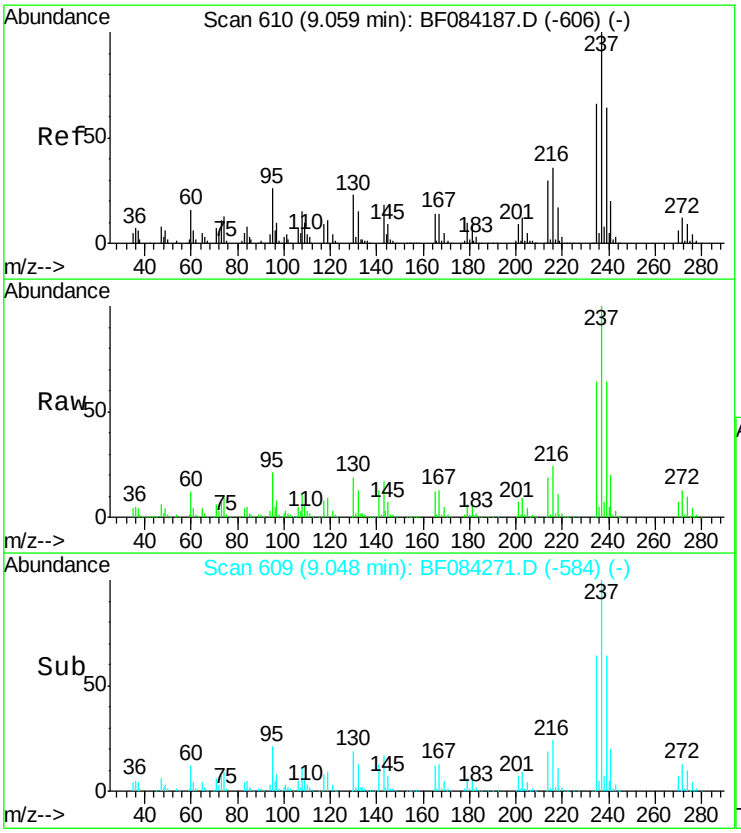
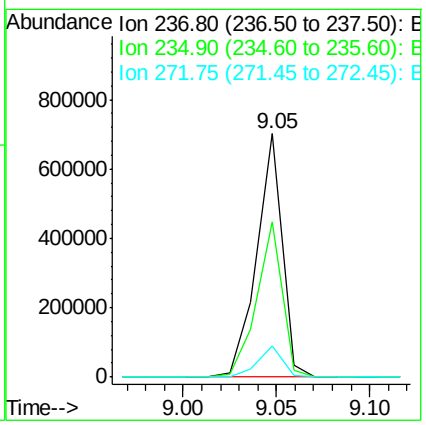
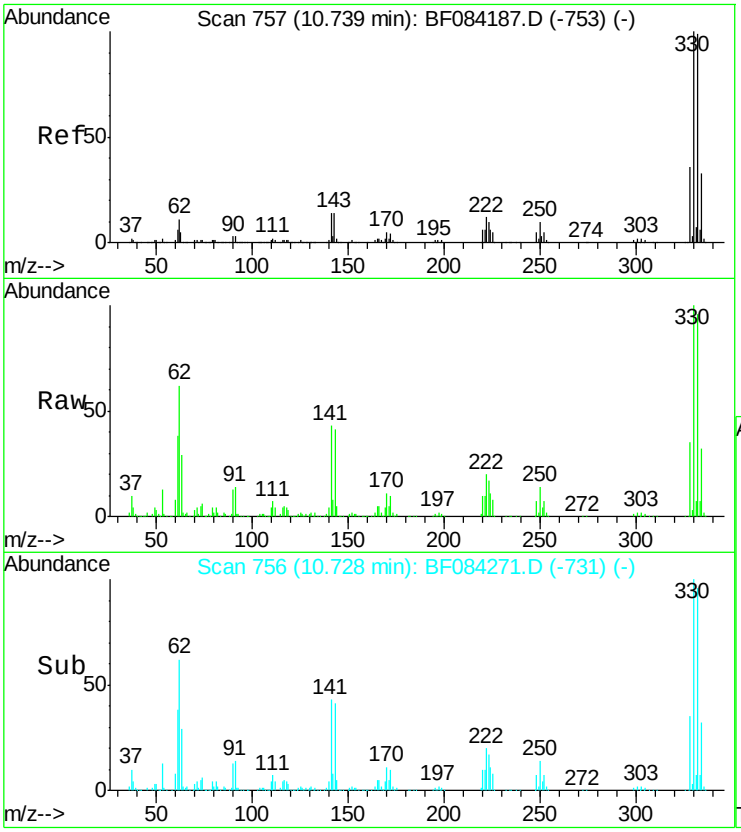


#40
Hexachlorocyclopentadiene
Concen: 76.40 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:237 Resp: 660441

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.1	83.1
272	13.0	0.0	35.1

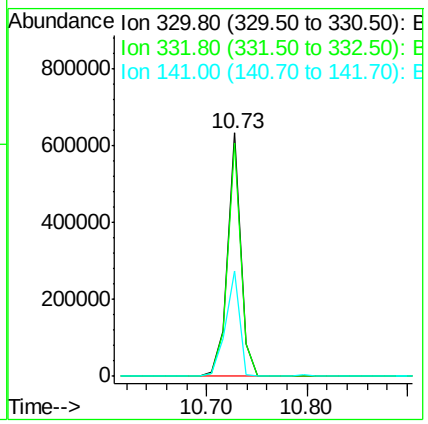




#41
2,4,6-Tribromophenol
Concen: 115.99 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:330 Resp: 583316

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	45.0	27.8	41.6#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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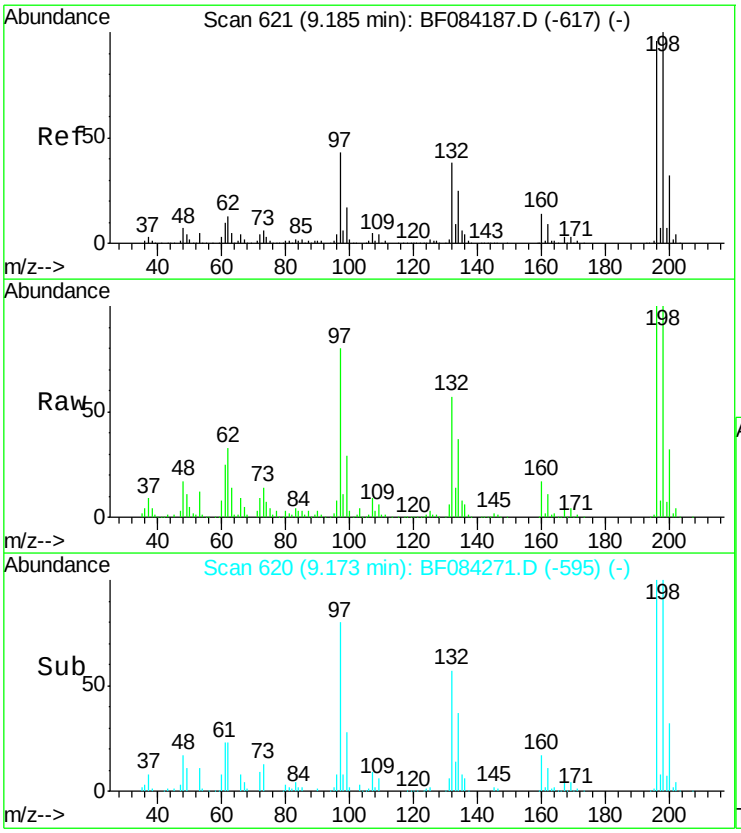
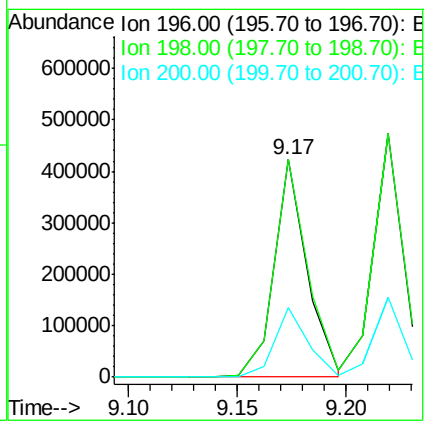
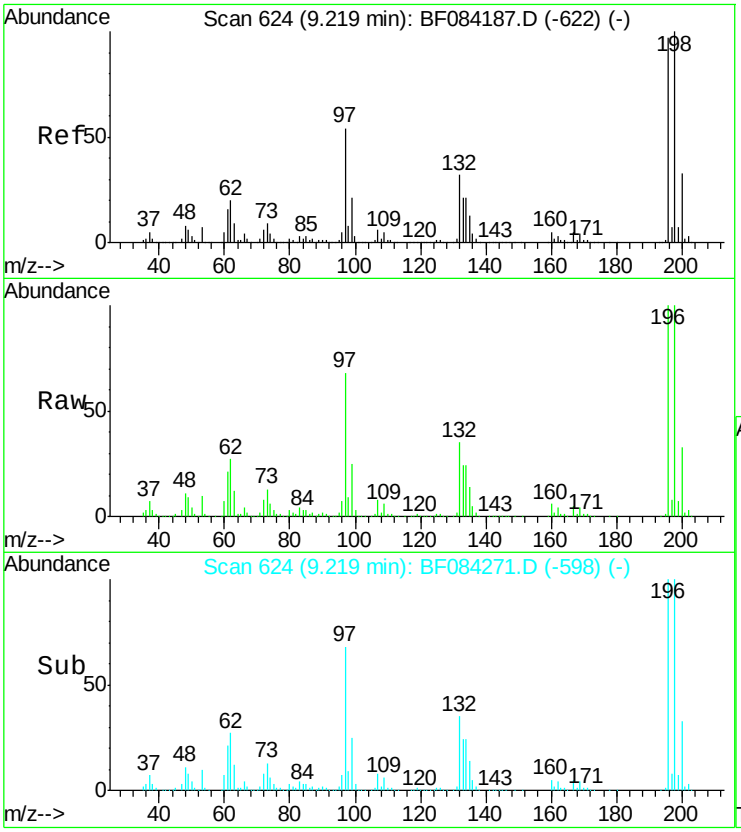


#42
2,4,6-Trichlorophenol
Concen: 42.16 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:196 Resp: 451756

Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.7	116.5
200	31.8	24.6	37.0

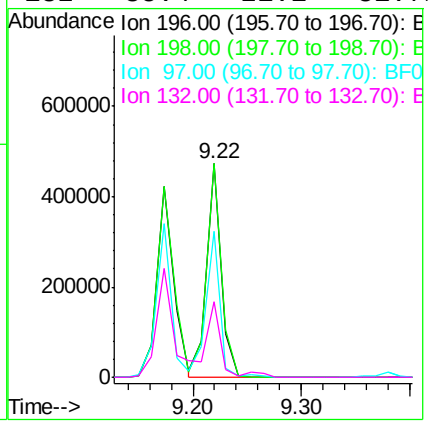




#43
2,4,5-Trichlorophenol
Concen: 43.76 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:196 Resp: 449494

Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.0	118.6
97	68.2	33.0	49.6#
132	35.4	21.1	31.7#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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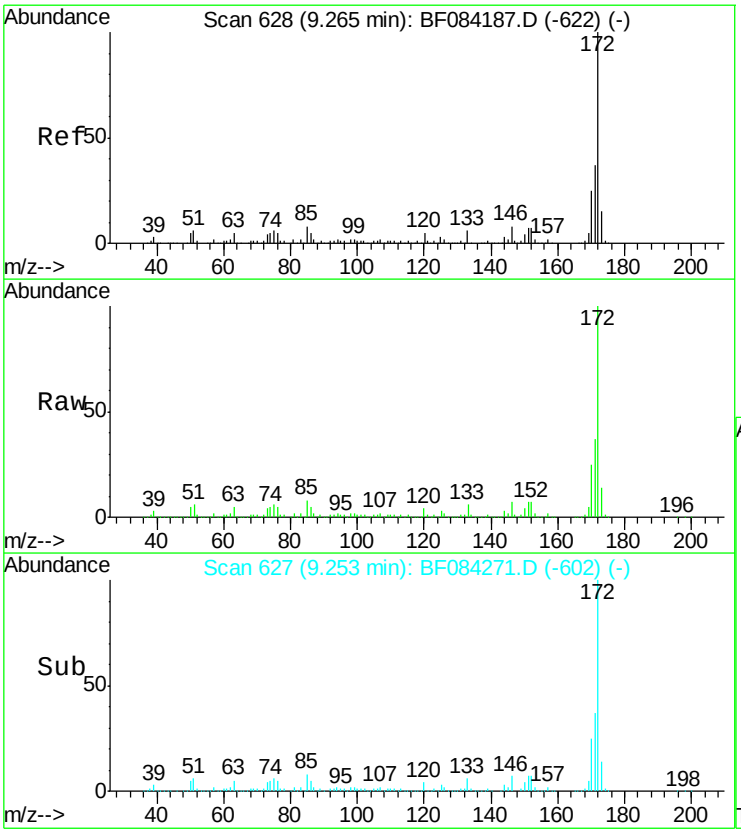
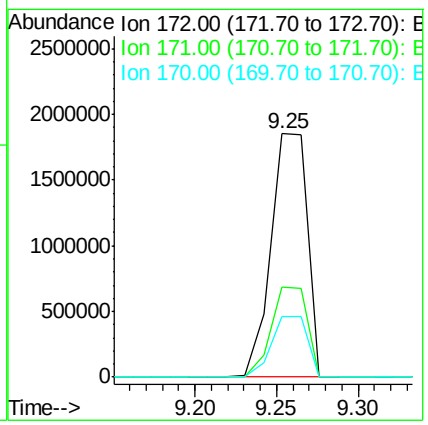
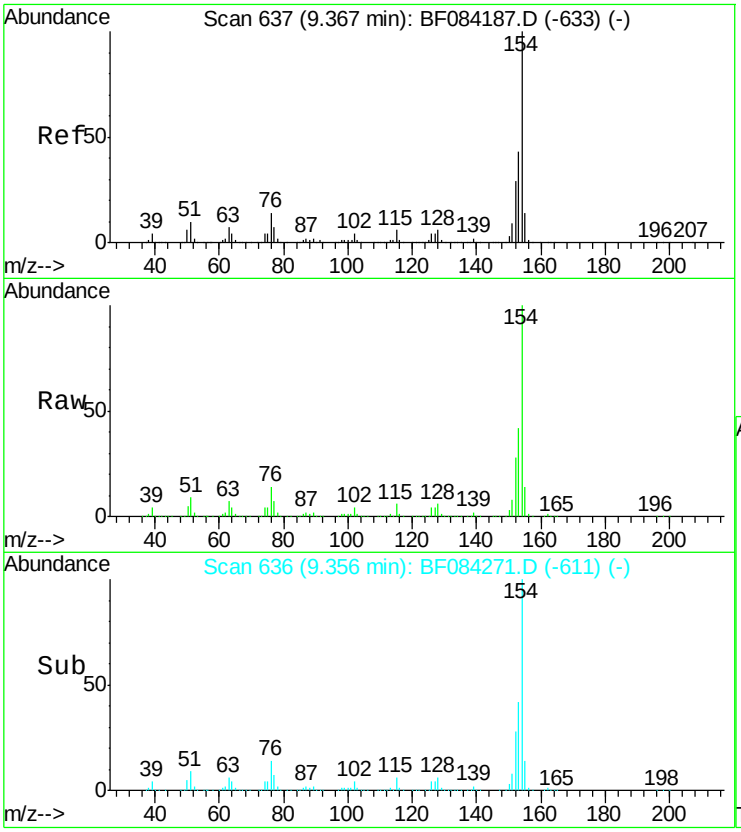


#44
2-Fluorobiphenyl
Concen: 103.10 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:172 Resp: 2881233

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.0	18.6	27.8

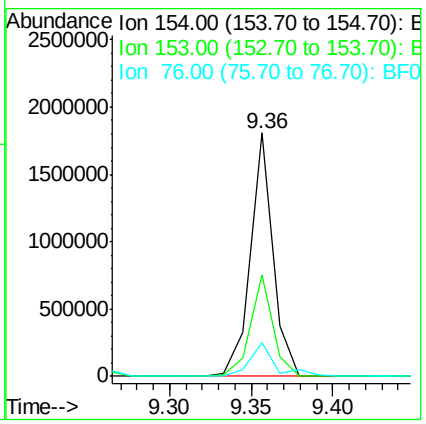




#45
1,1'-Biphenyl
Concen: 43.80 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:154 Resp: 1734164

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.6	61.6
76	13.8	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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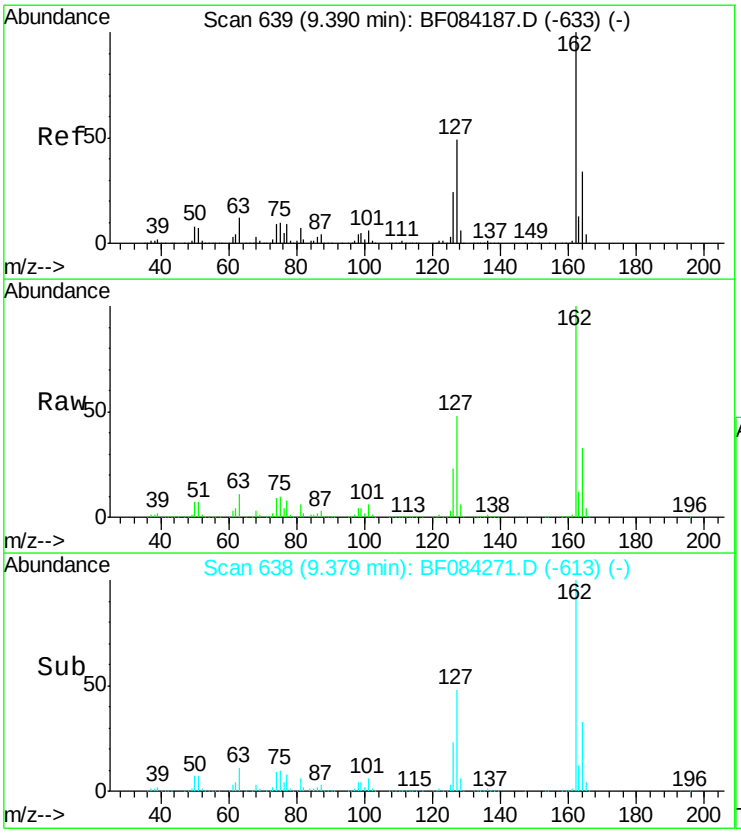
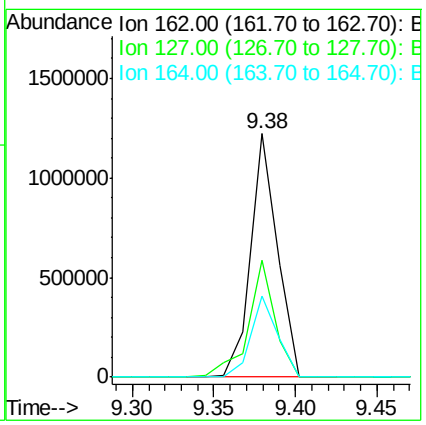
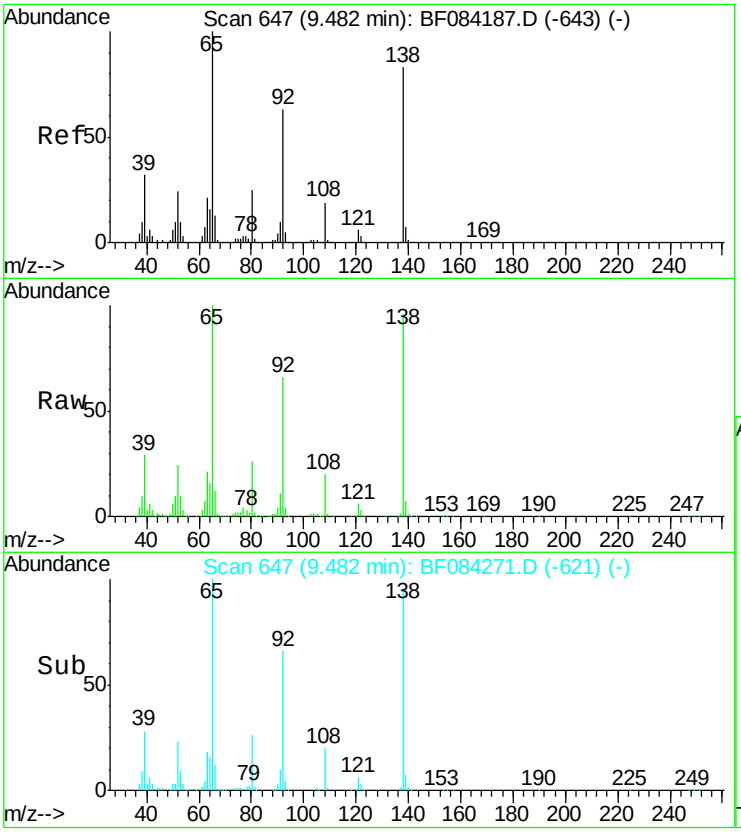


#46
2-Chloronaphthalene
Concen: 44.60 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:162 Resp: 1386844

Ion	Ratio	Lower	Upper
162	100		
127	48.0	40.2	60.4
164	33.1	25.7	38.5

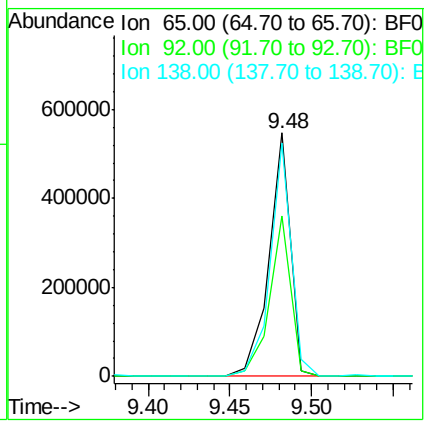




#47
2-Nitroaniline
Concen: 49.01 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 65 Resp: 503083

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.4	80.2
138	95.9	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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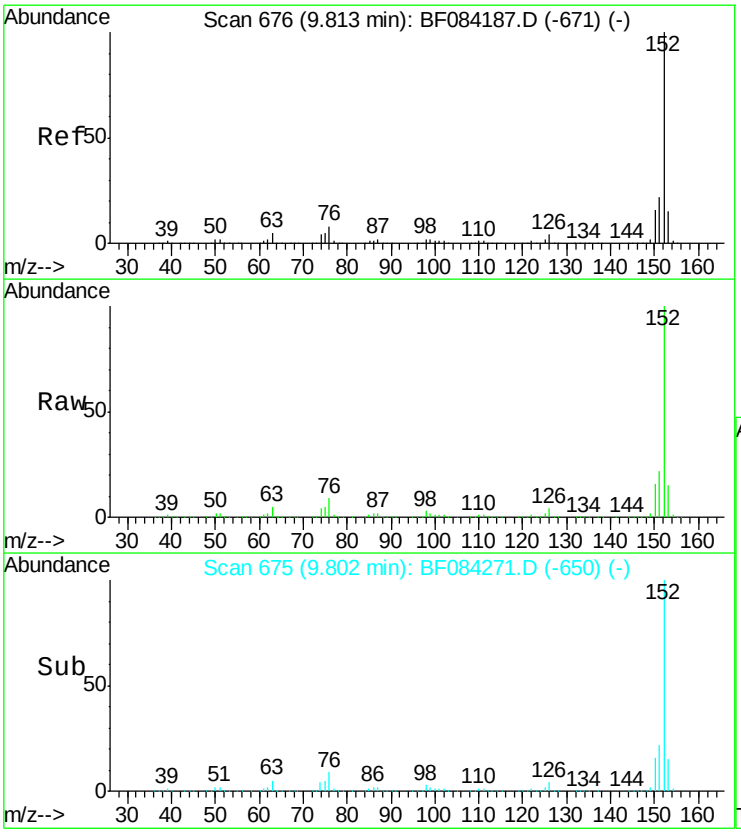
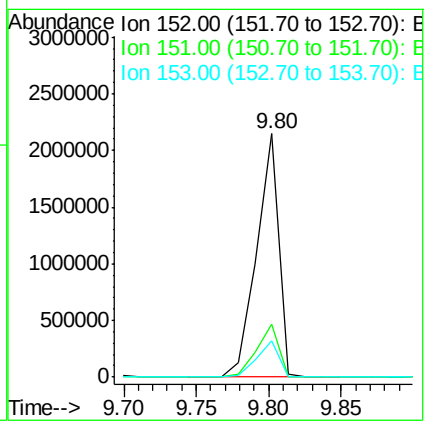
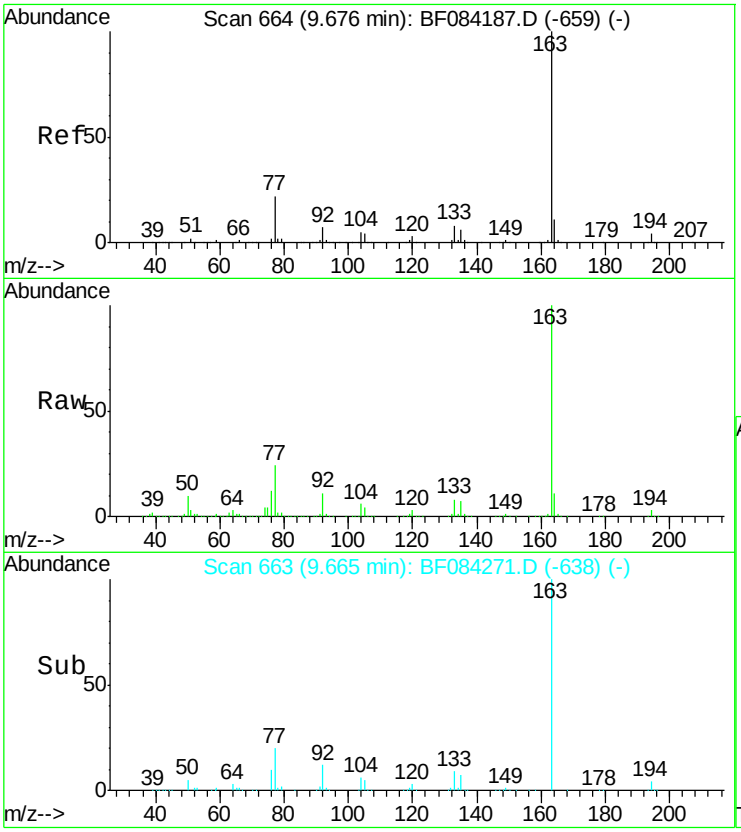


#48
Acenaphthylene
Concen: 49.27 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:152 Resp: 2263624

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5
153	15.0	10.4	15.6

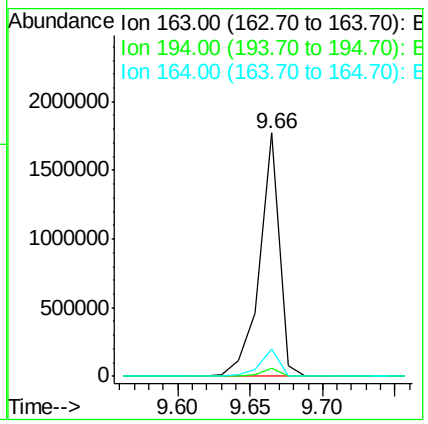




#49
Dimethylphthalate
Concen: 46.96 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:163 Resp: 1672487

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	11.2	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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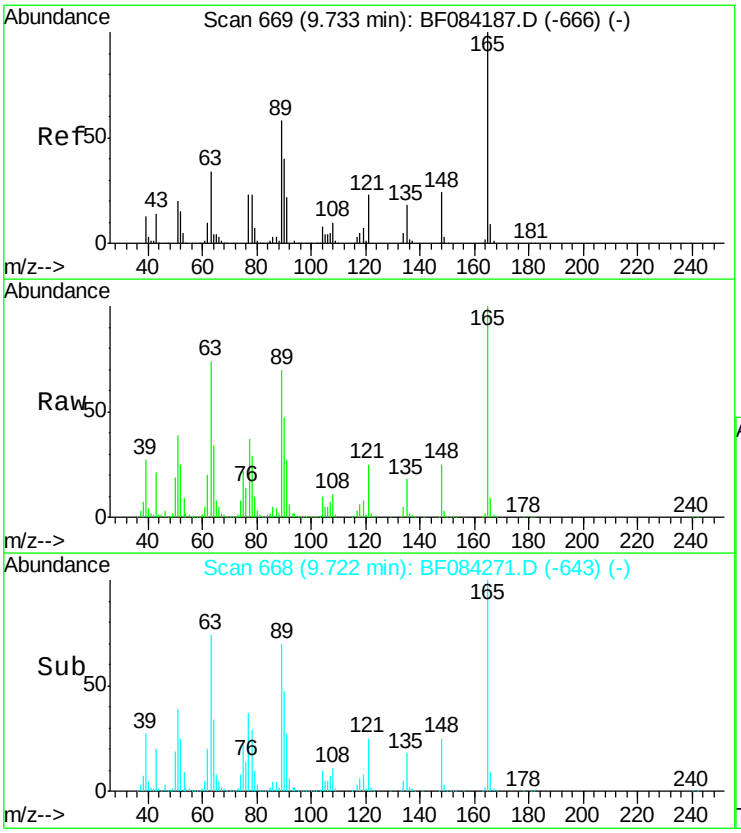
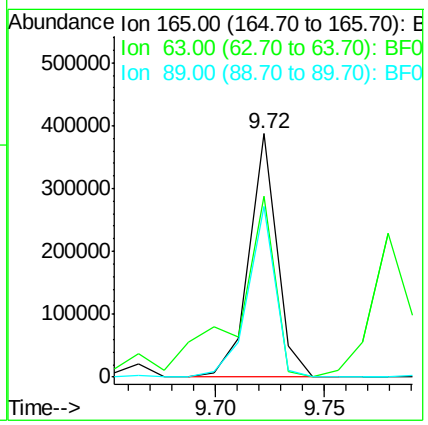
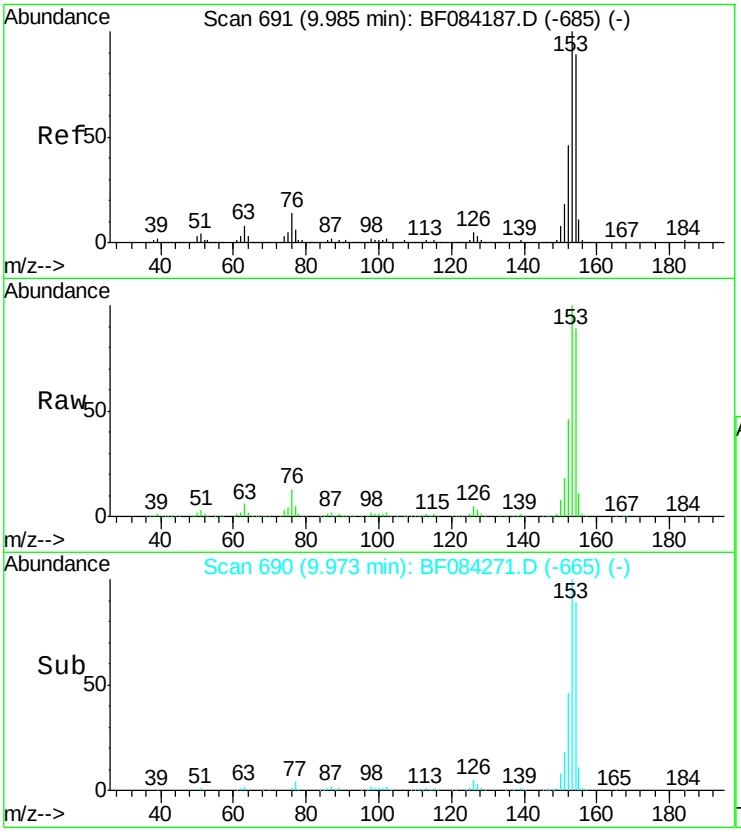


#50
2,6-Dinitrotoluene
Concen: 44.39 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:165 Resp: 346685

Ion	Ratio	Lower	Upper
165	100		
63	74.0	28.8	43.2#
89	70.1	35.1	52.7#

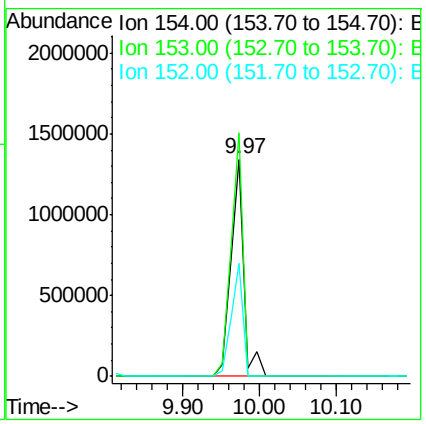




#51
Acenaphthene
Concen: 52.81 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:154 Resp: 1627488

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.5	137.3
152	52.2	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
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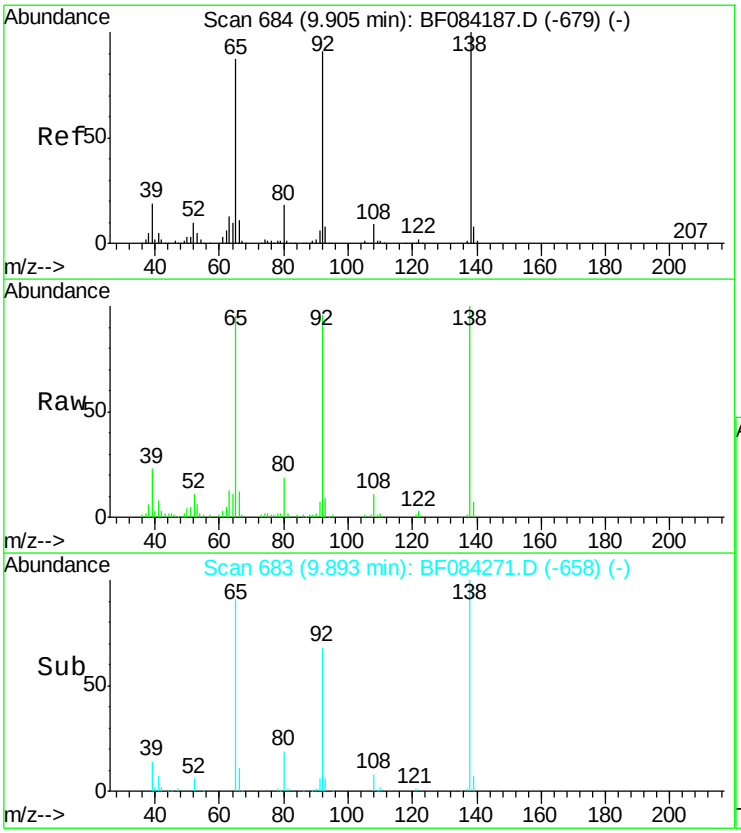
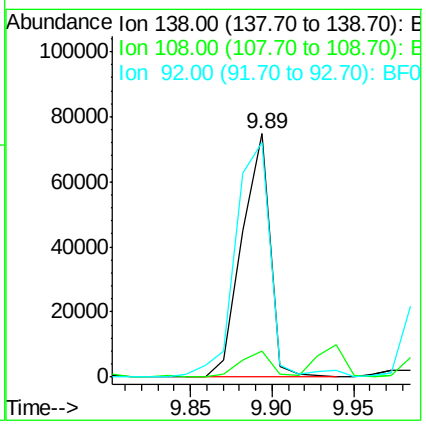
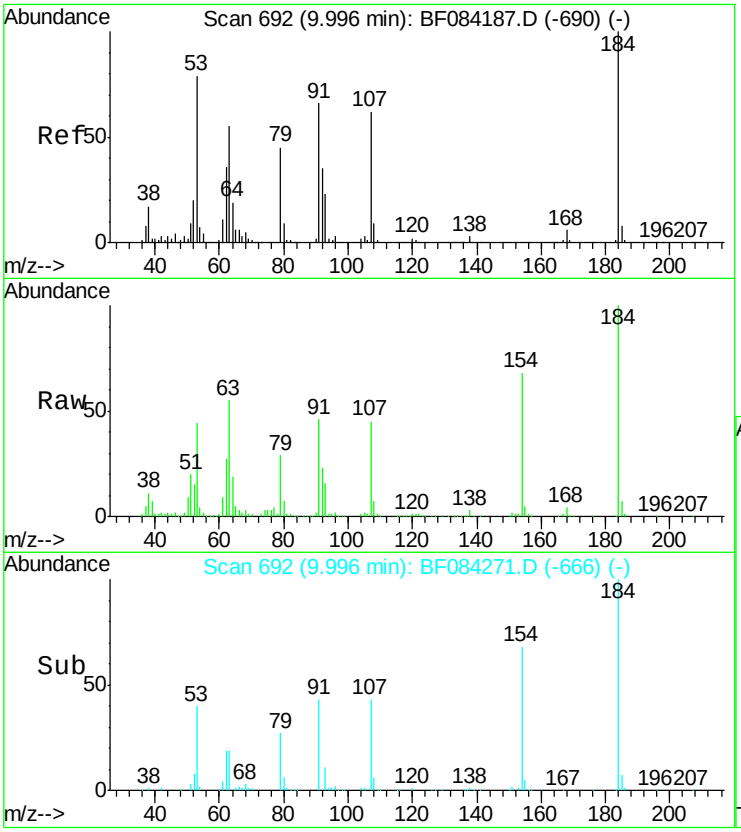


#52
3-Nitroaniline
Concen: 9.19 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:138 Resp: 88921

Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.5	15.7
92	96.4	103.9	155.9#

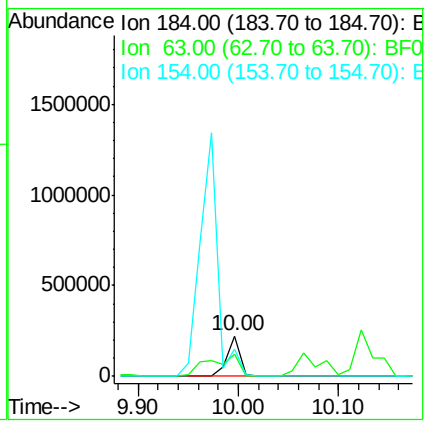




#53
2,4-Dinitrophenol
Concen: 61.15 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:184 Resp: 200535

Ion	Ratio	Lower	Upper
184	100		
63	54.9	43.1	64.7
154	68.4	60.5	90.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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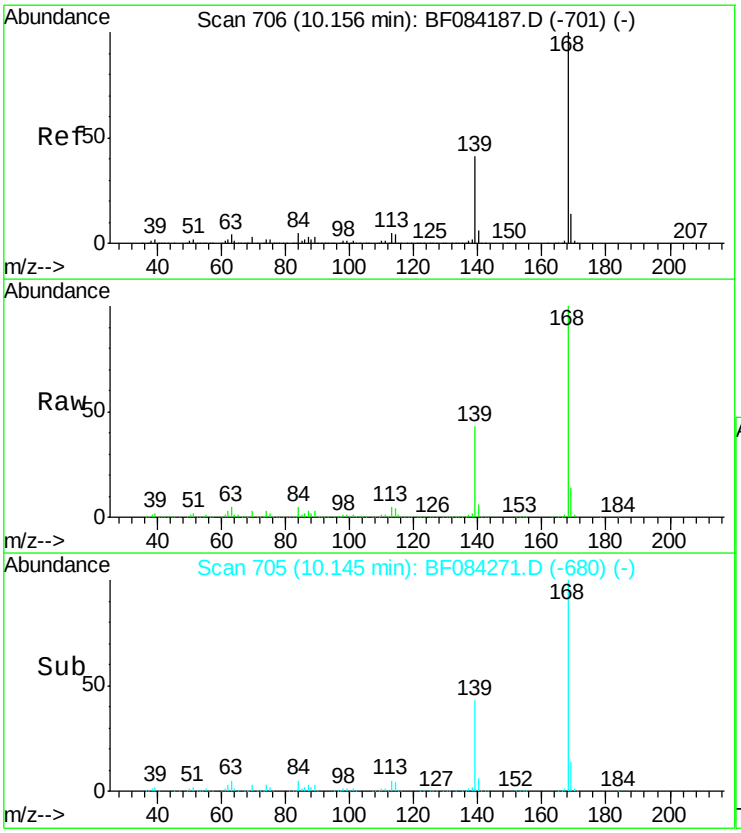
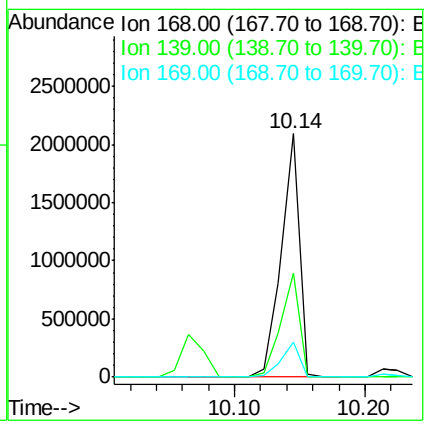
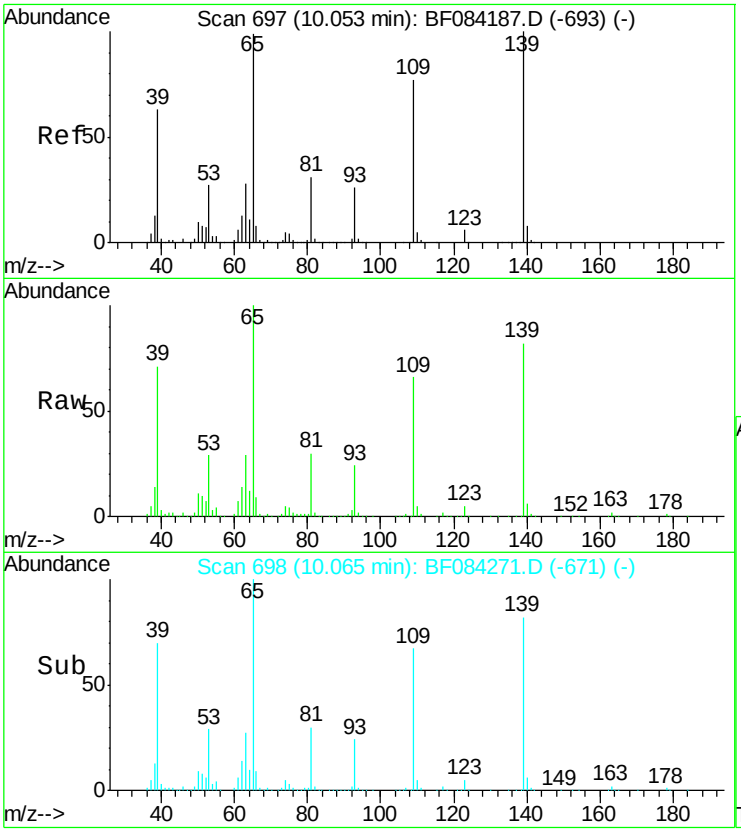


#54
Dibenzofuran
Concen: 52.01 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:168 Resp: 2057578

Ion	Ratio	Lower	Upper
168	100		
139	43.0	30.5	45.7
169	14.3	10.4	15.6

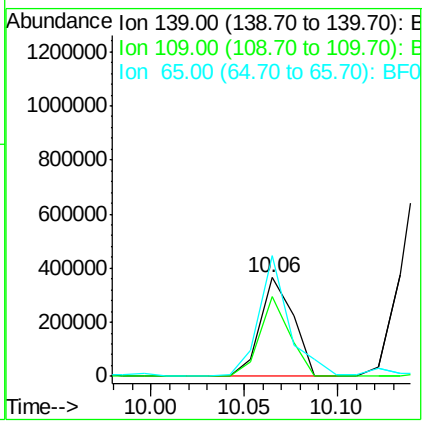




#55
4-Nitrophenol
Concen: 64.53 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:139 Resp: 453366

Ion	Ratio	Lower	Upper
139	100		
109	81.2	58.5	98.5
65	122.2	57.6	97.6#



Instrument :
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ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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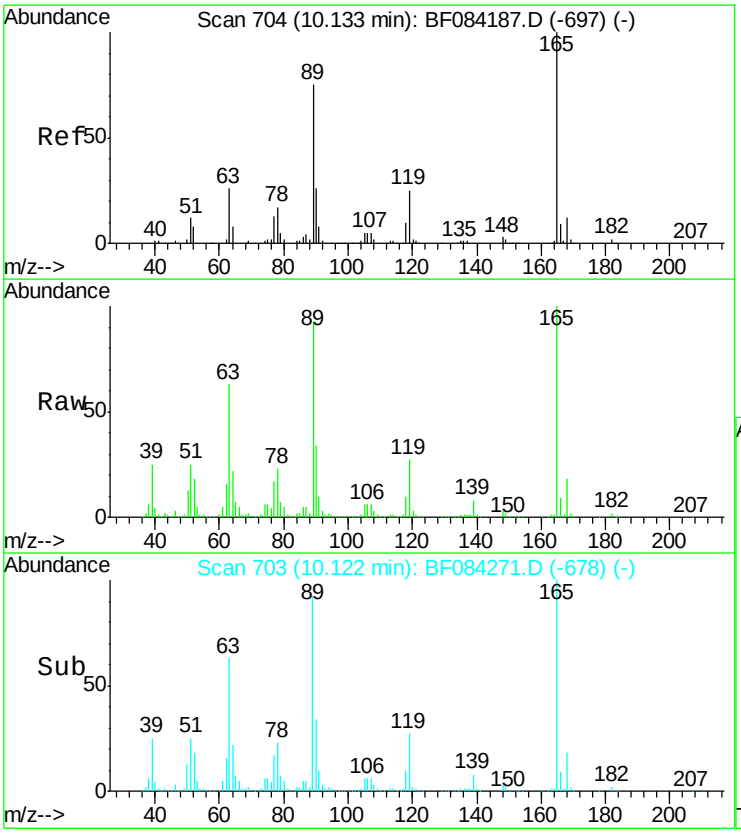
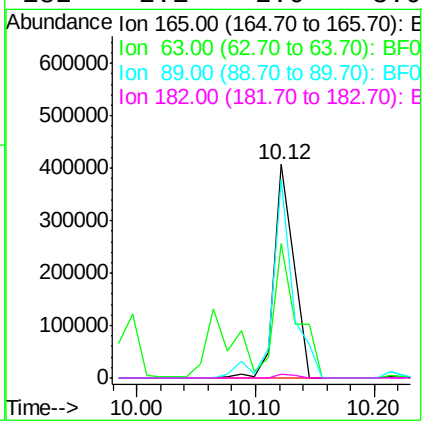
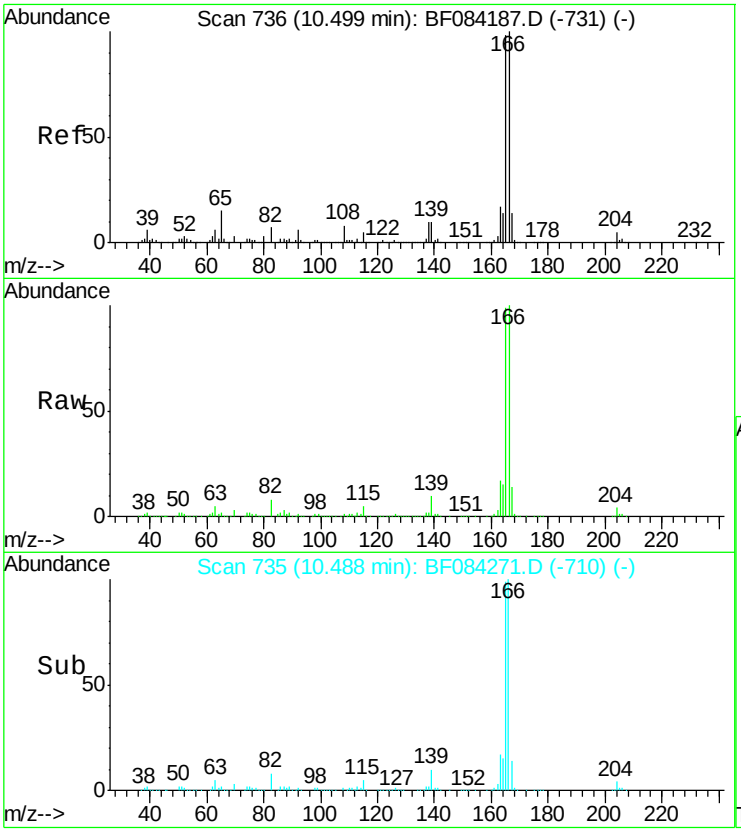


#56
2,4-Dinitrotoluene
Concen: 46.66 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:165 Resp: 461242

Ion	Ratio	Lower	Upper
165	100		
63	62.9	36.7	55.1#
89	92.7	61.9	92.9
182	2.1	2.0	3.0

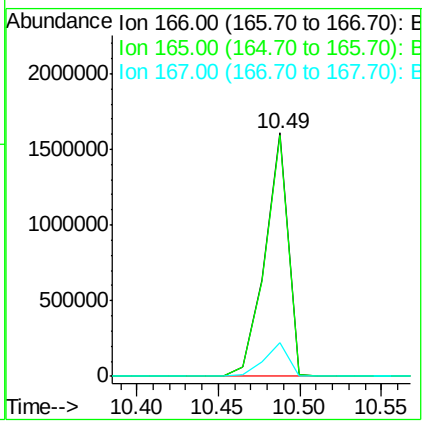




#57
Fluorene
Concen: 51.88 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:166 Resp: 1590156

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.1	118.7
167	14.1	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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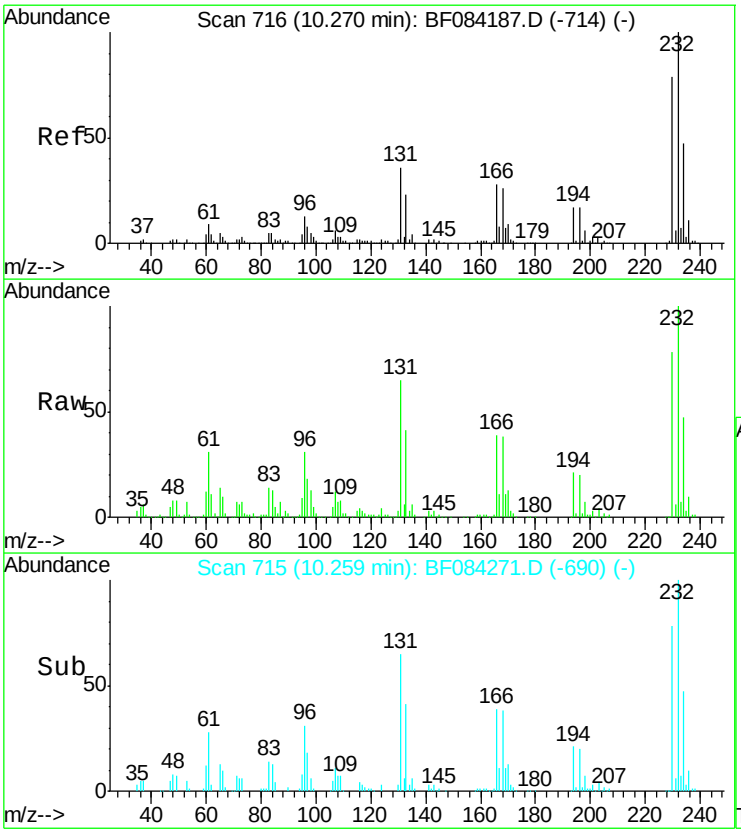
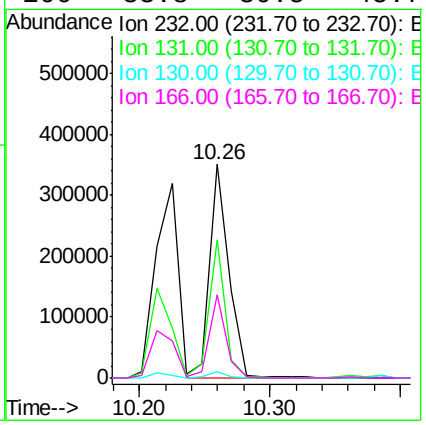
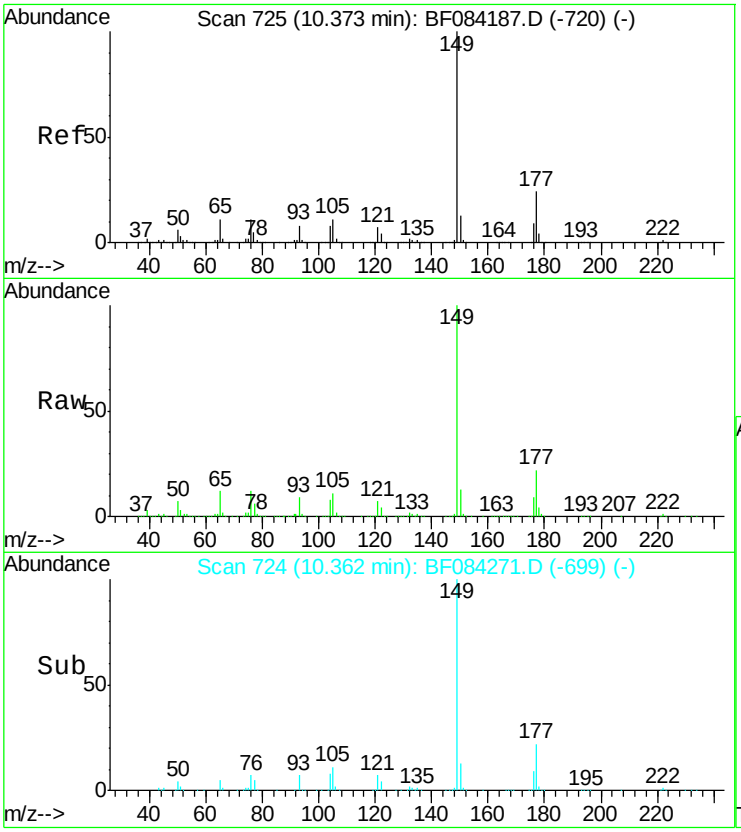


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.12 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:232 Resp: 360585

Ion	Ratio	Lower	Upper
232	100		
131	53.9	47.0	70.6
130	2.7	2.0	3.0
166	33.8	30.5	45.7

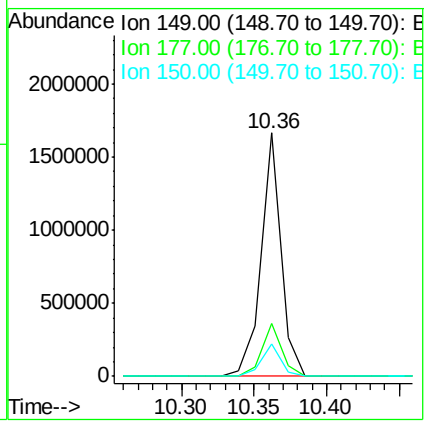




#59
Diethylphthalate
Concen: 45.16 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:149 Resp: 1585819

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.3	25.9
150	13.3	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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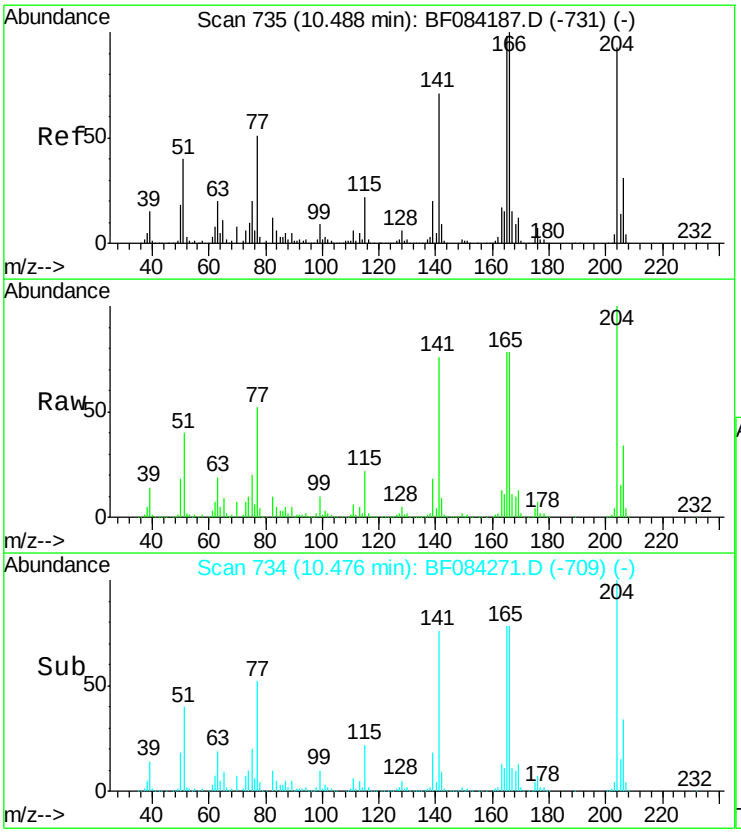
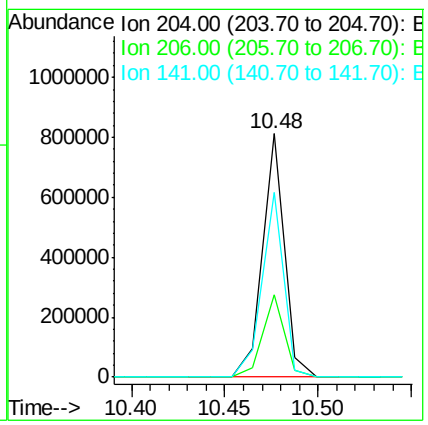
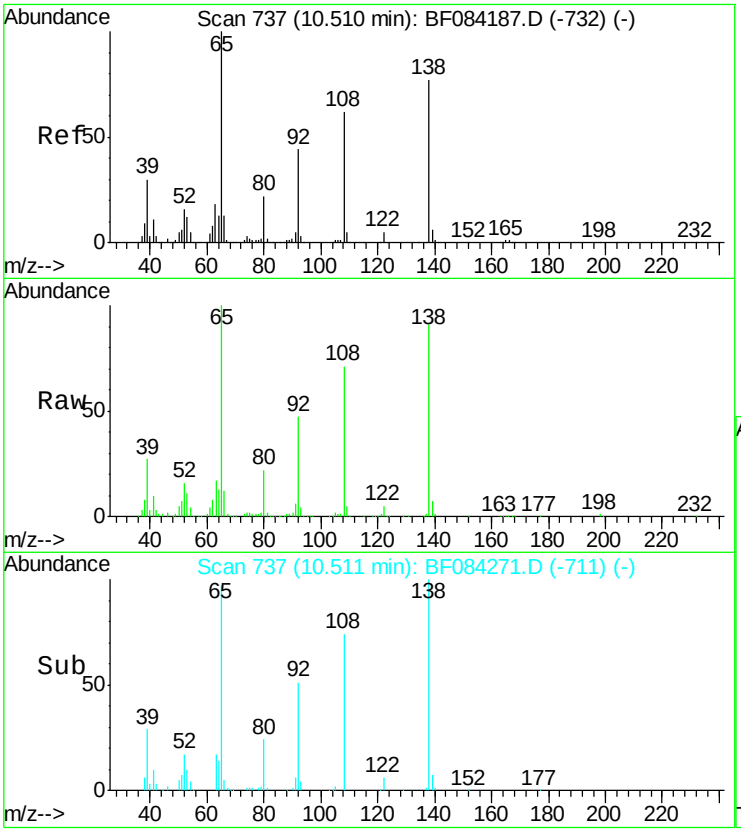


#60
4-Chlorophenyl-phenylether
Concen: 52.75 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:204 Resp: 669212

Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.7	38.5
141	75.6	55.1	82.7

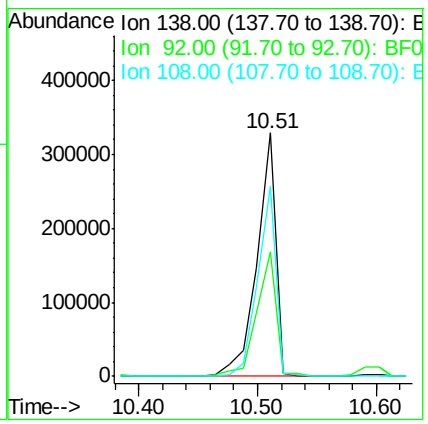




#61
4-Nitroaniline
Concen: 42.41 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:138 Resp: 365909

Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.6	72.6
108	78.2	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
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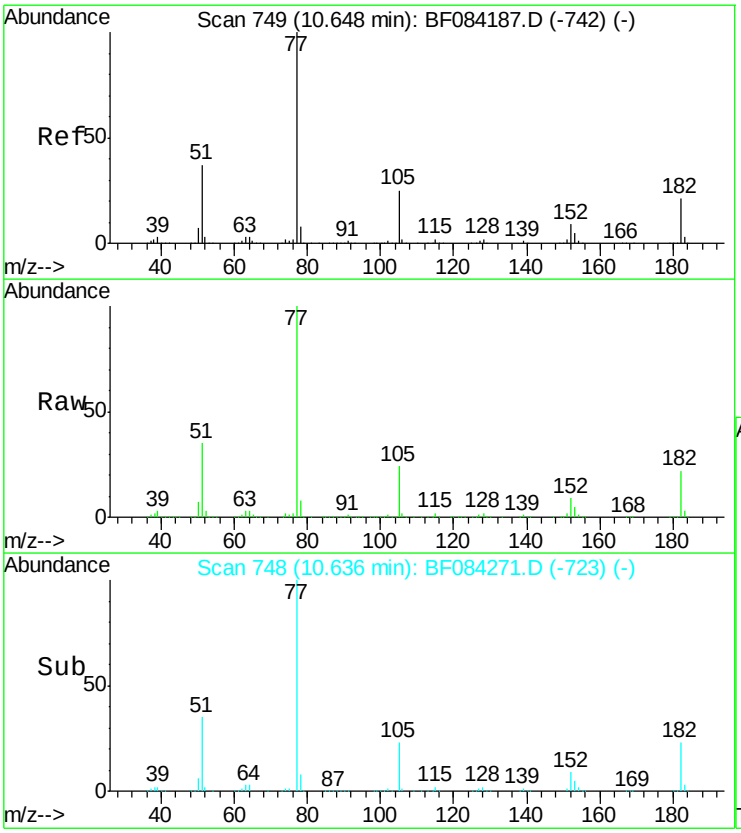
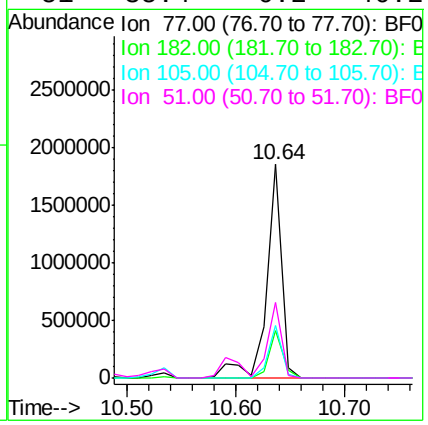
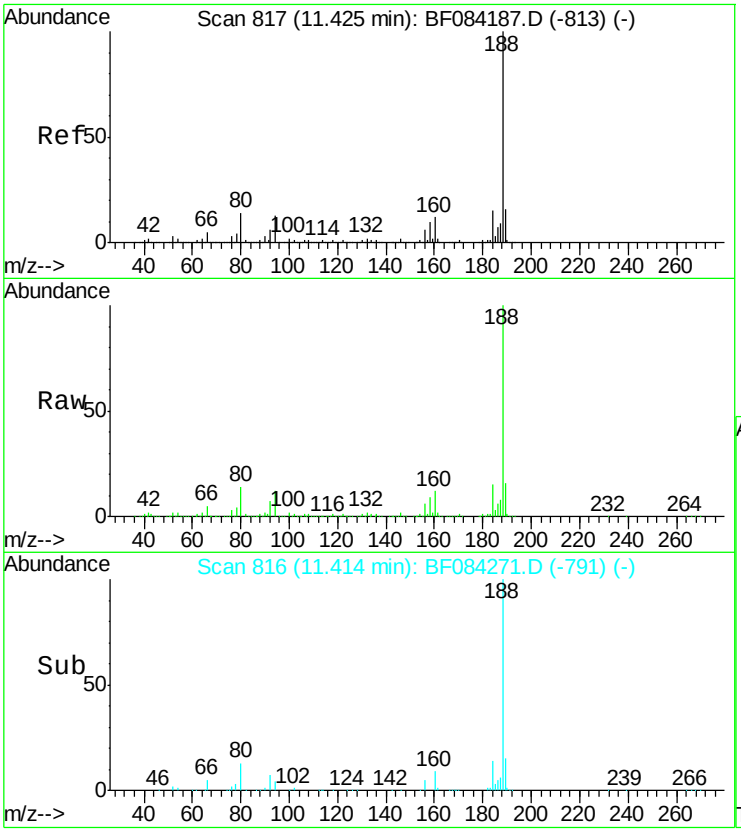


#62
Azobenzene
Concen: 47.00 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion: 77 Resp: 1809949

Ion	Ratio	Lower	Upper
77	100		
182	22.2	8.3	48.3
105	24.5	4.6	44.6
51	35.4	6.2	46.2

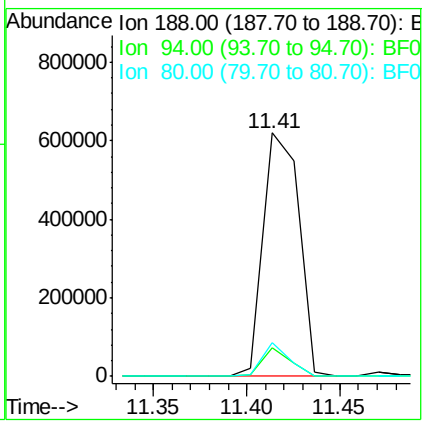




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:188 Resp: 823380

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.0	13.4
80	13.9	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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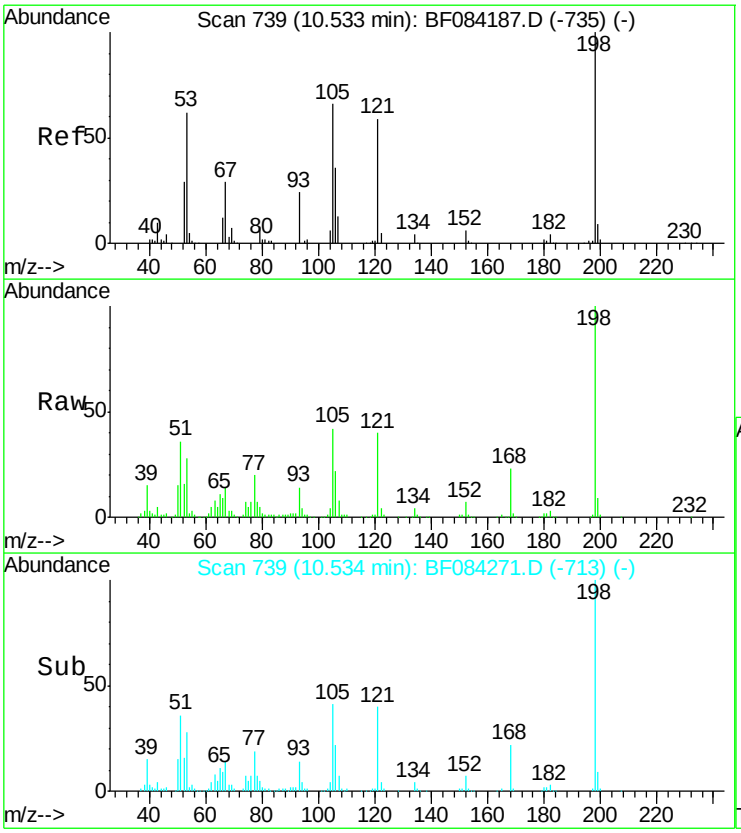
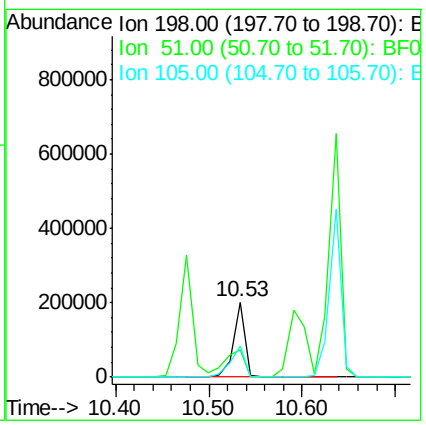
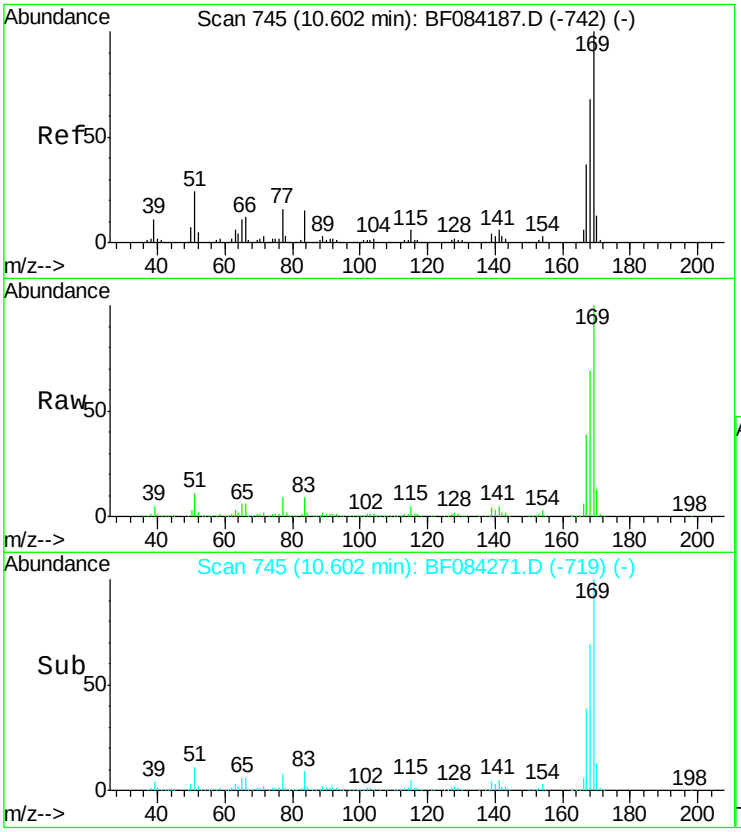


#64
4,6-Dinitro-2-methylphenol
Concen: 35.28 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:198 Resp: 176899

Ion	Ratio	Lower	Upper
198	100		
51	36.2	18.9	58.9
105	41.8	26.4	66.4

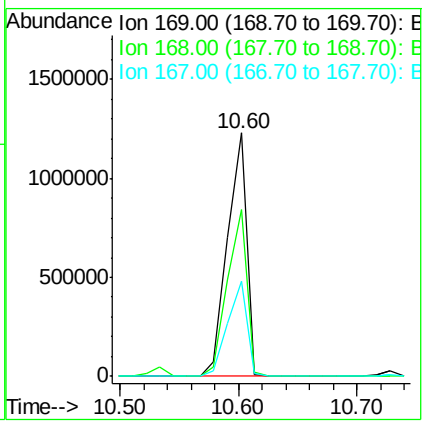




#65
n-Nitrosodiphenylamine
Concen: 52.65 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:169 Resp: 1386169

Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.1	82.7
167	39.0	30.0	45.0



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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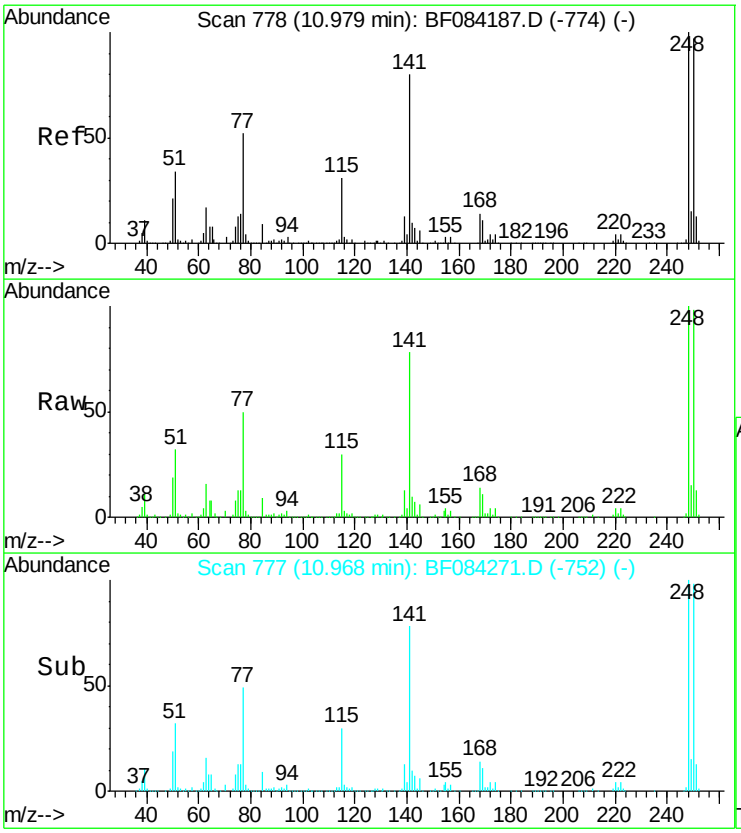
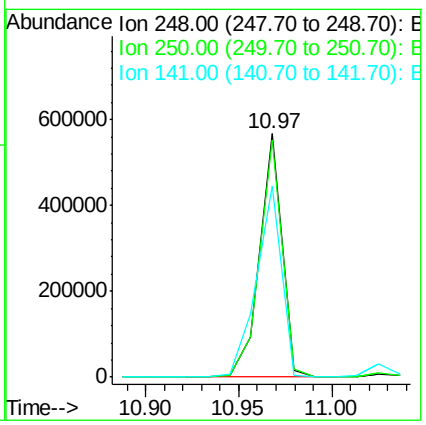
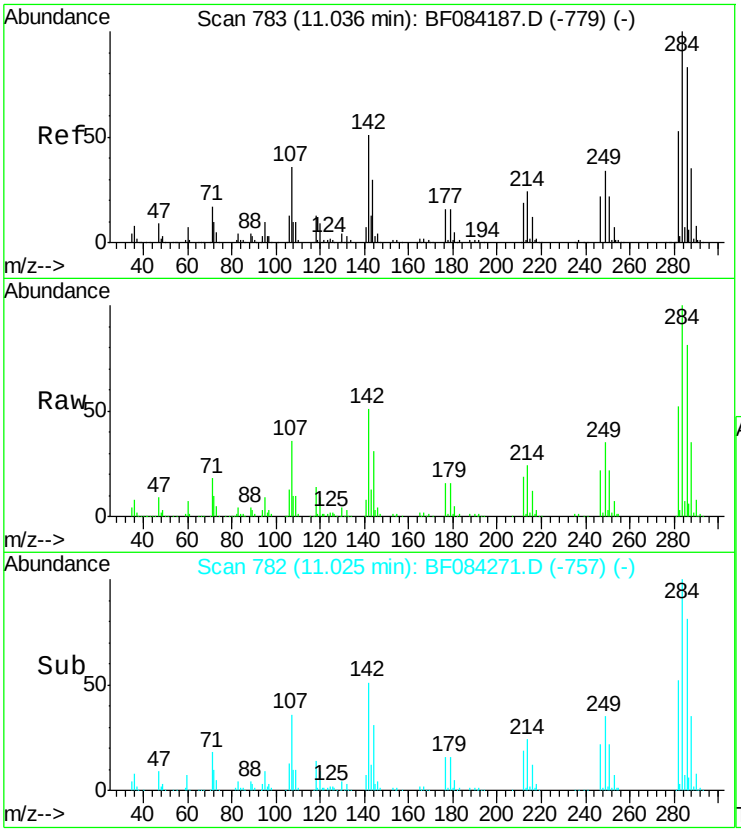


#66
4-Bromophenyl-phenylether
Concen: 52.82 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:248 Resp: 468074

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.4	117.6
141	78.3	44.0	66.0#

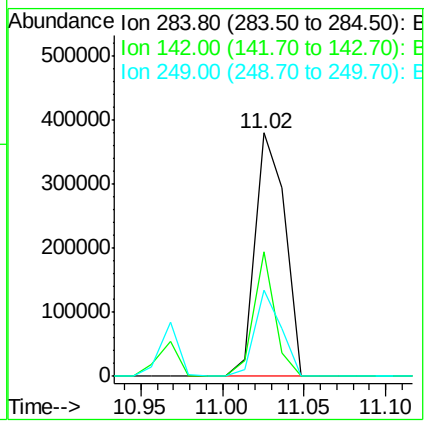




#67
Hexachlorobenzene
Concen: 48.18 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:284 Resp: 480571

Ion	Ratio	Lower	Upper
284	100		
142	51.2	22.2	33.4#
249	35.2	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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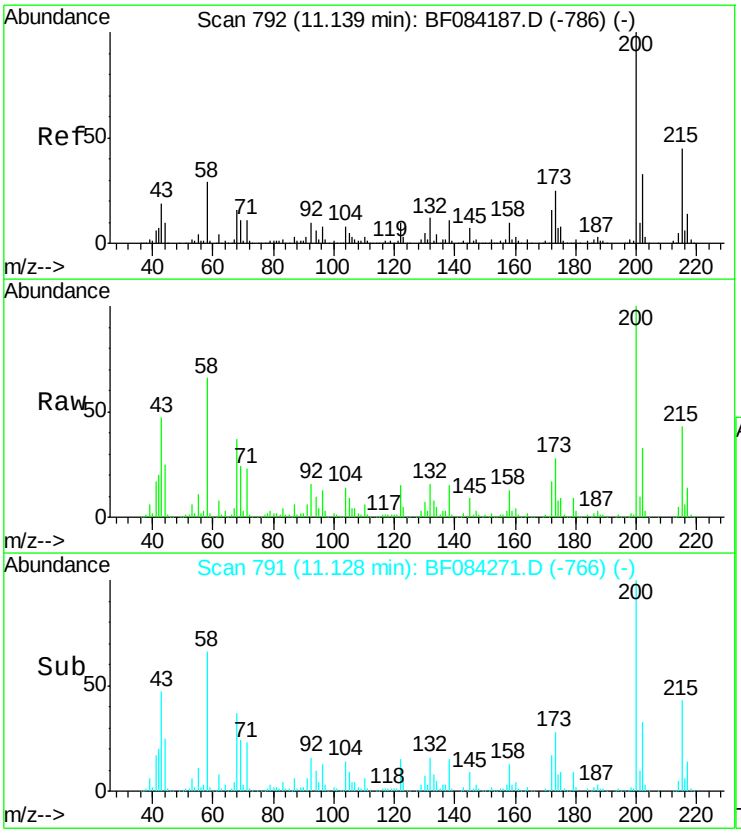
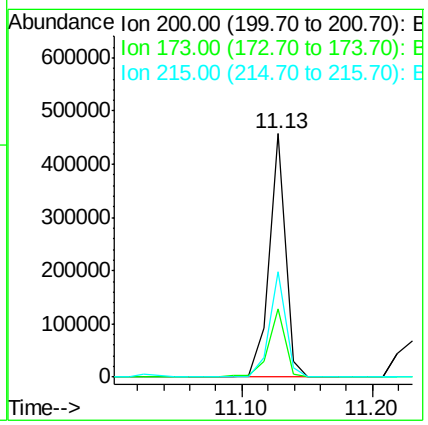
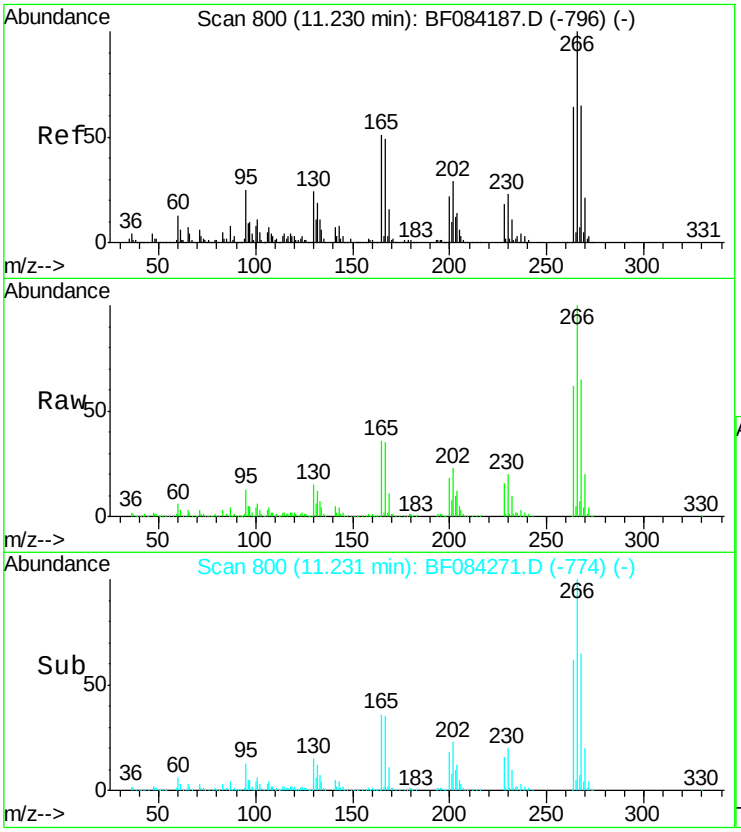


#68
Atrazine
Concen: 46.77 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:200 Resp: 402961

Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.5	49.5
215	43.2	23.8	63.8

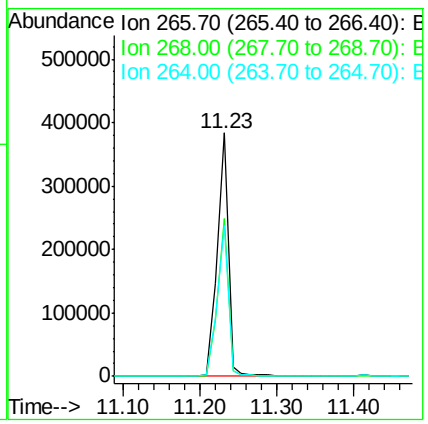




#69
Pentachlorophenol
Concen: 74.98 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:266 Resp: 387794

Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.4	78.6
264	62.1	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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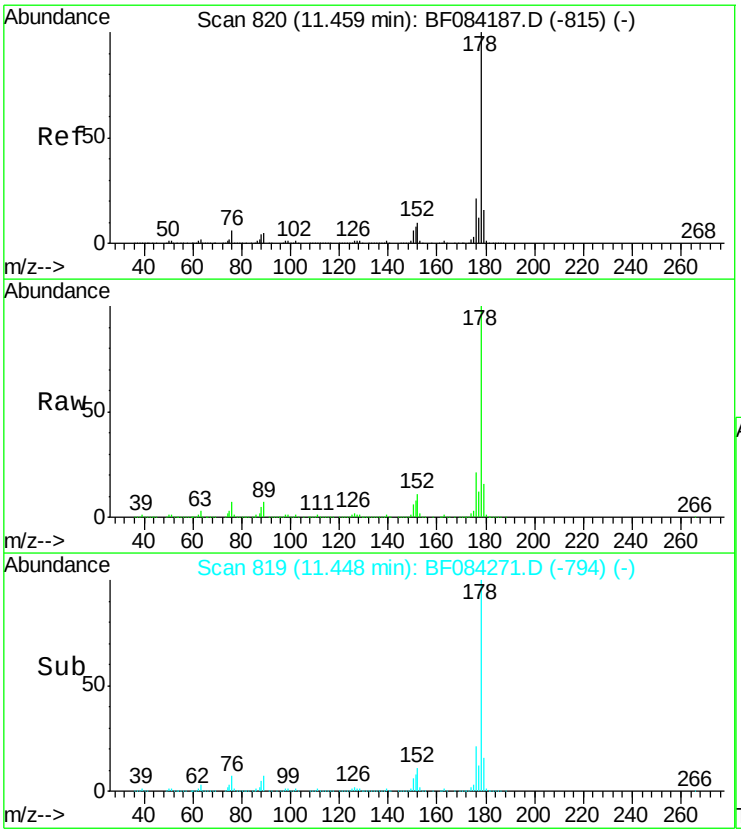
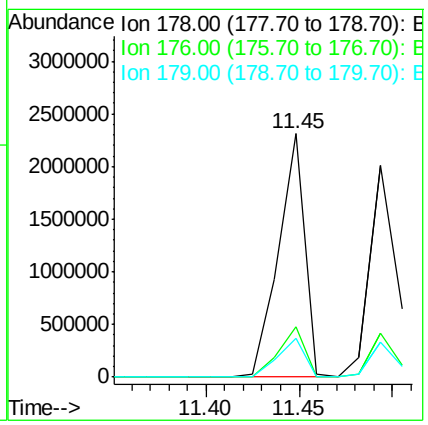
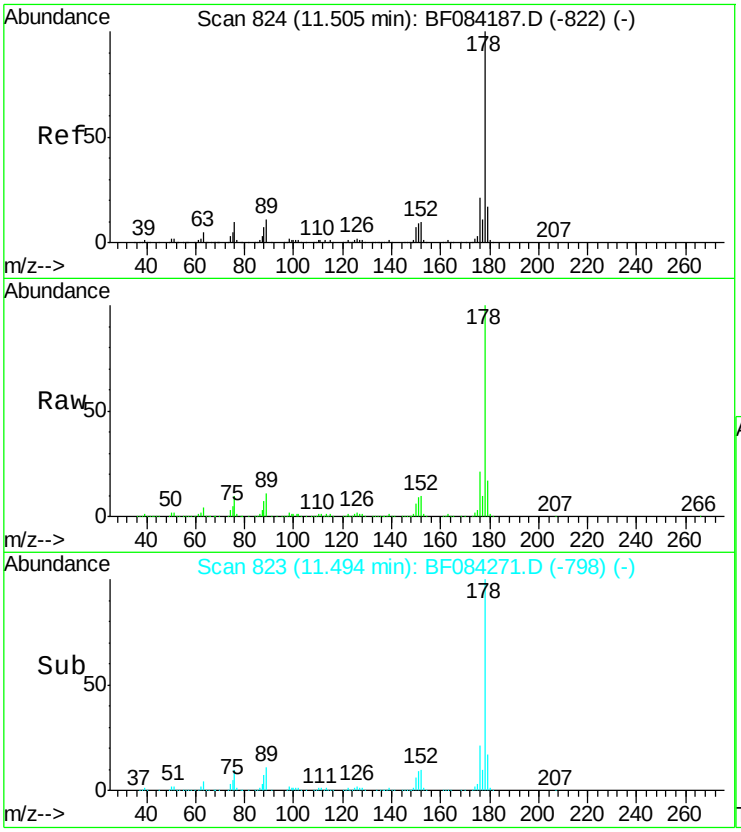


#70
Phenanthrene
Concen: 52.80 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:178 Resp: 2273876

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.3	22.9
179	16.2	12.0	18.0

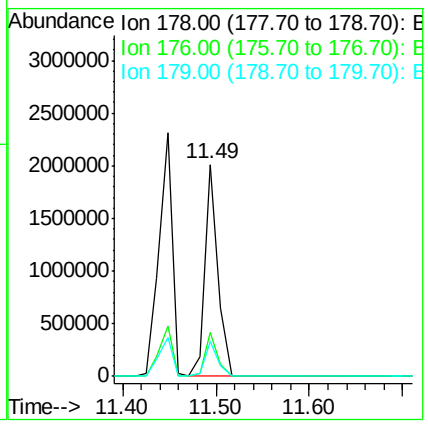




#71
Anthracene
Concen: 46.53 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:178 Resp: 1964419

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.0
179	16.7	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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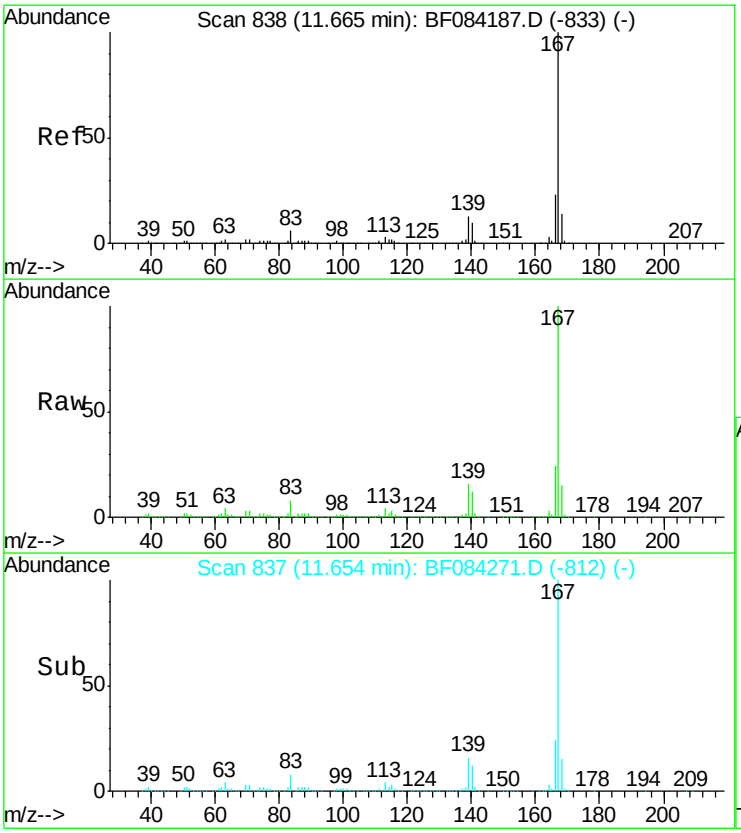
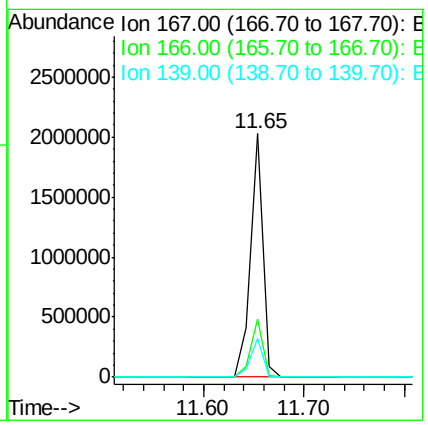
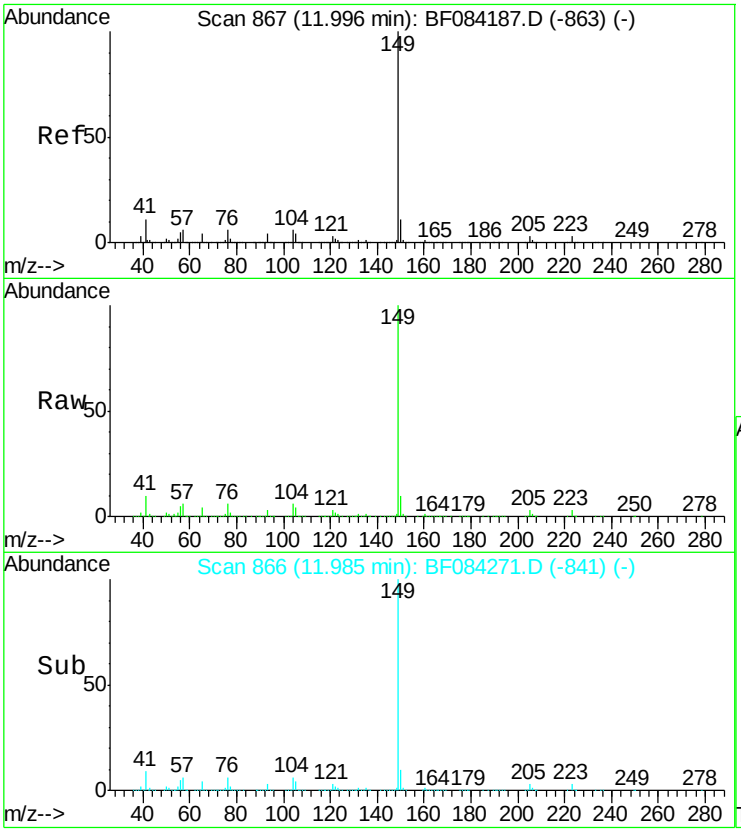


#72
Carbazole
Concen: 42.27 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:167 Resp: 1744562

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	15.8	11.8	17.8

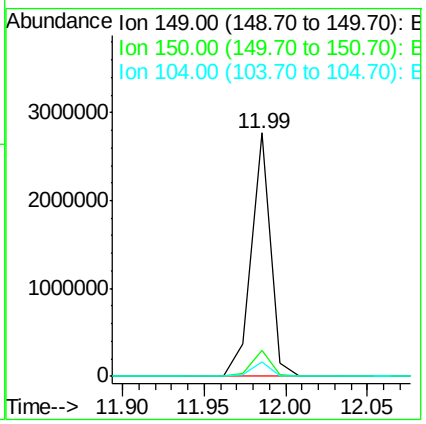




#73
Di-n-butylphthalate
Concen: 54.02 ng
RT: 11.99 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:149 Resp: 2254760

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.1	10.7
104	6.1	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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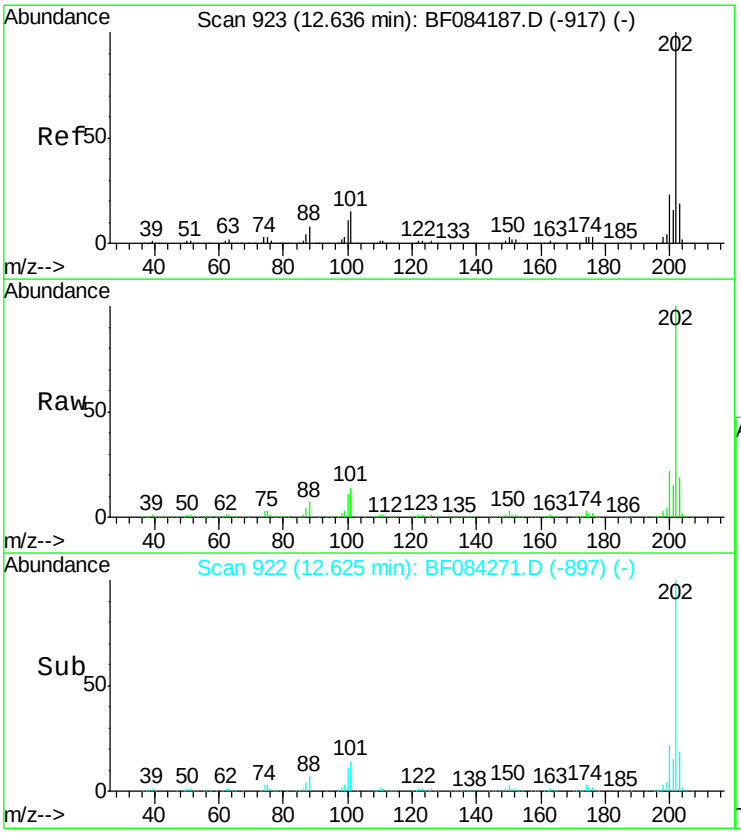
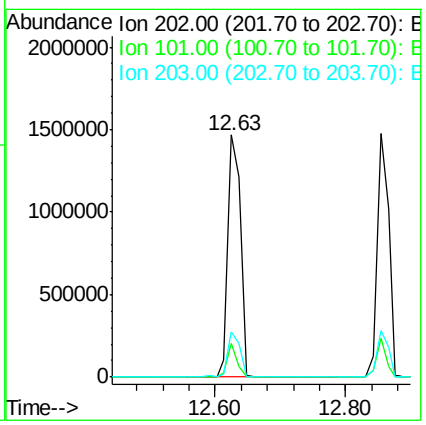
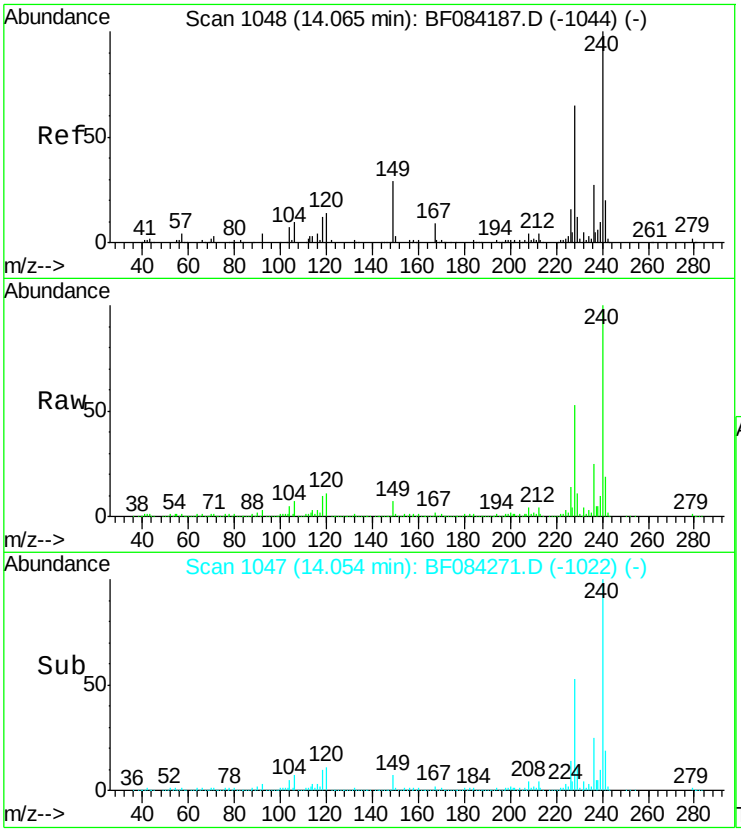


#74
Fluoranthene
Concen: 42.94 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:202 Resp: 1932056

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	32.8
203	18.9	0.0	37.9

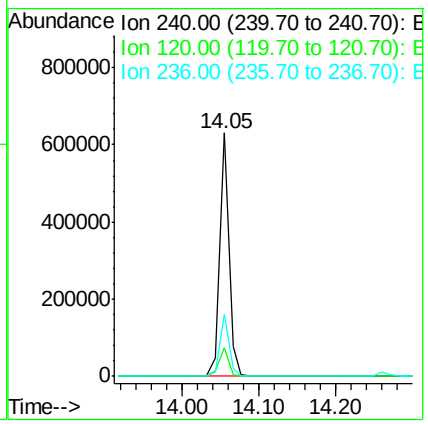




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:240 Resp: 526682

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.4	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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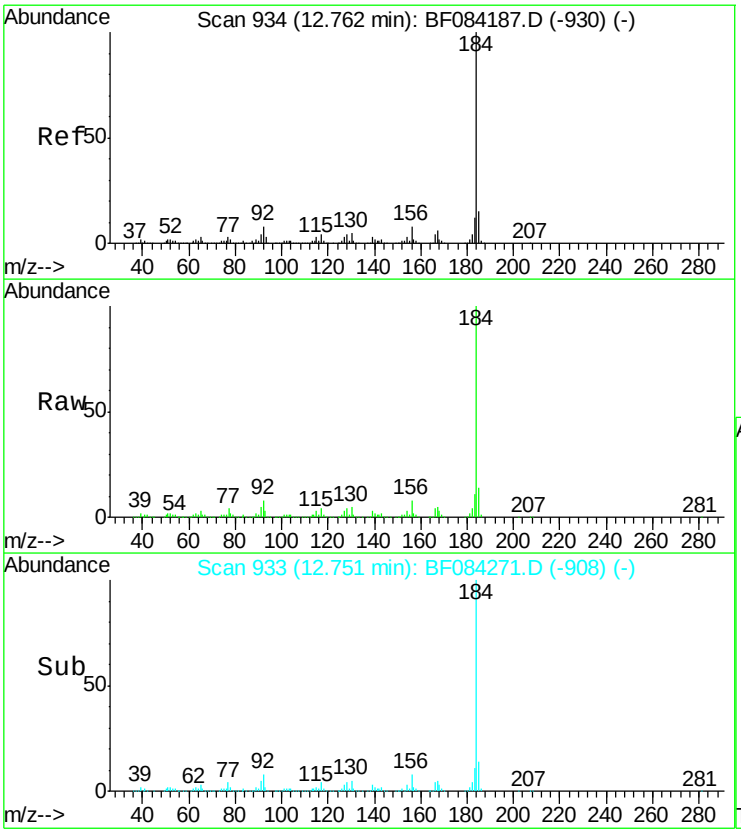
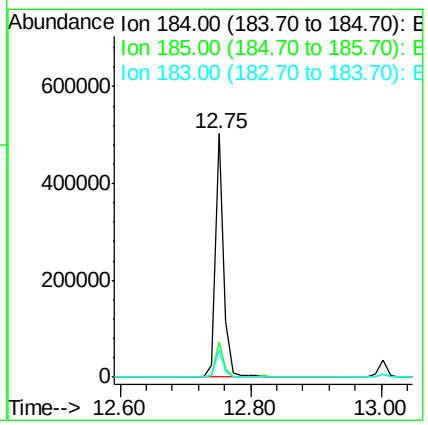
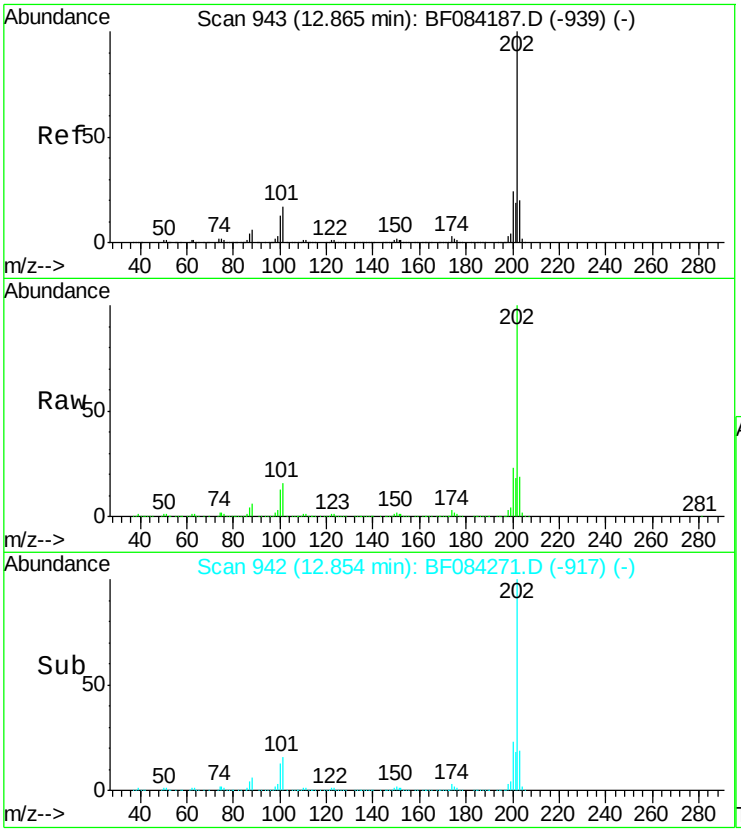


#76
Benzidine
Concen: 24.45 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:184 Resp: 461652

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.4	9.8	14.8

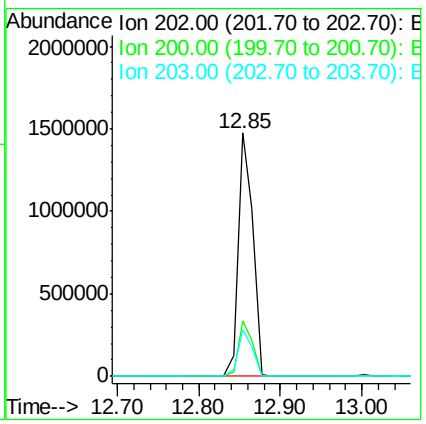




#77
Pyrene
Concen: 43.81 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:202 Resp: 1810612

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.2	25.8
203	18.9	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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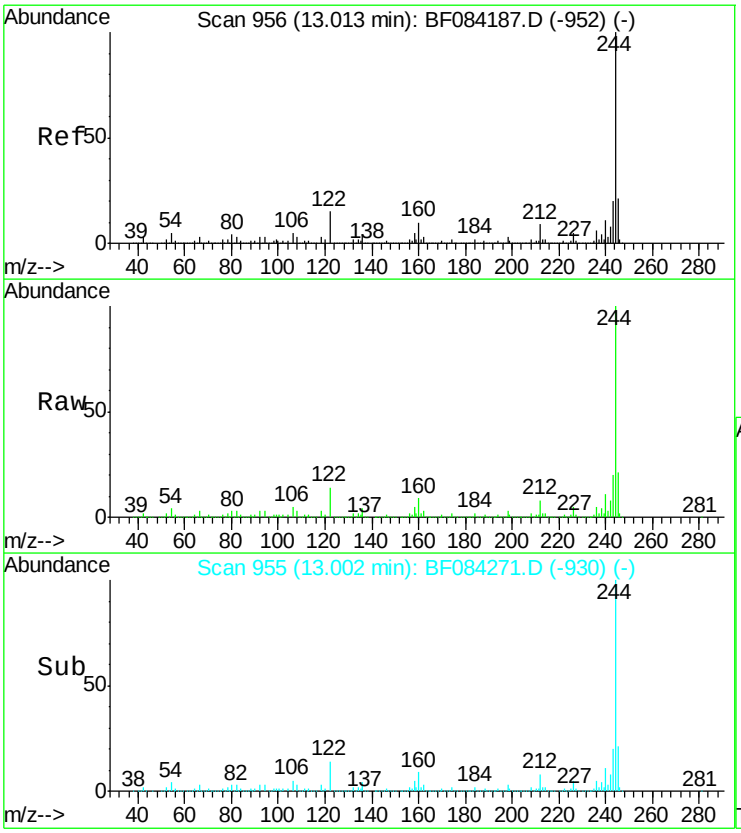
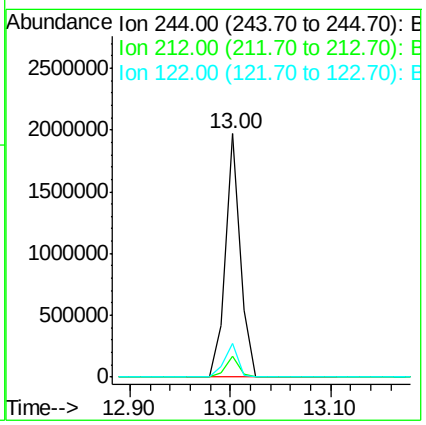
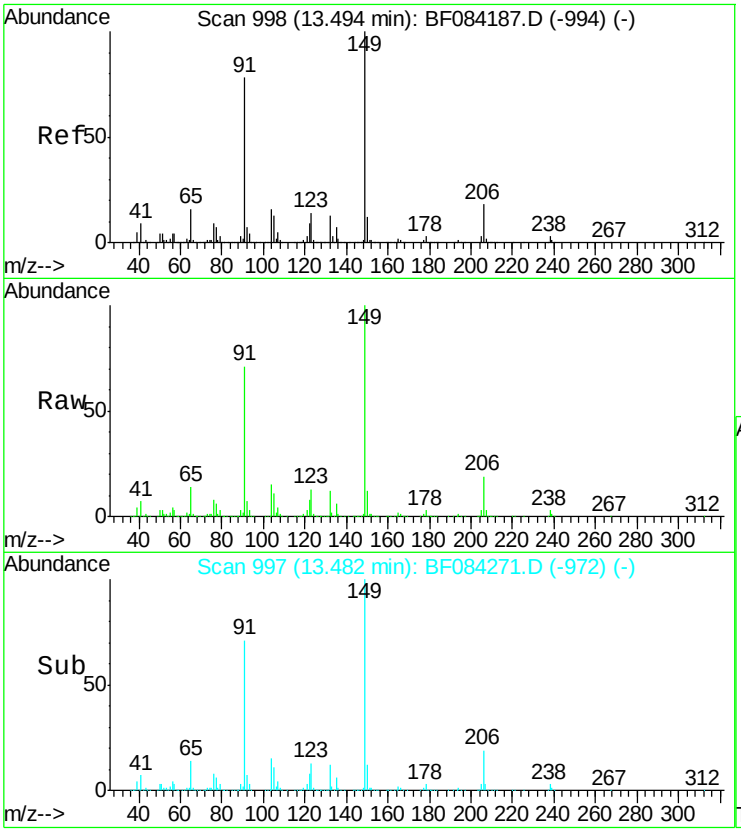


#78
Terphenyl-d14
Concen: 85.79 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:244 Resp: 2024234

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	14.1	7.4	11.0#

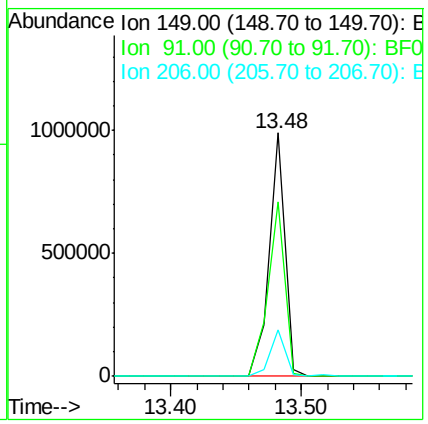




#79
Butylbenzylphthalate
Concen: 47.36 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:149 Resp: 847038

Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.6	86.4
206	19.1	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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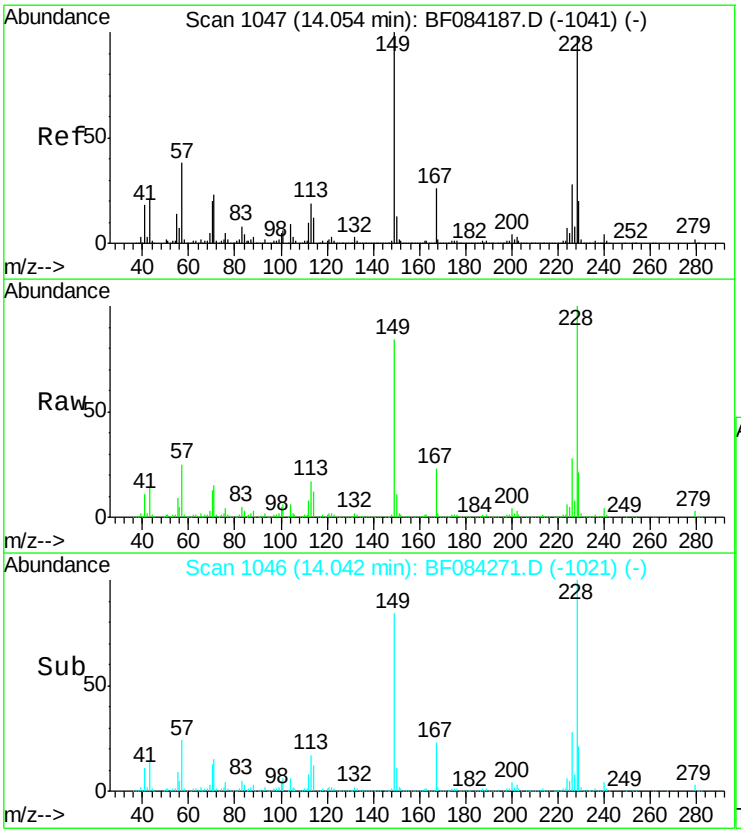
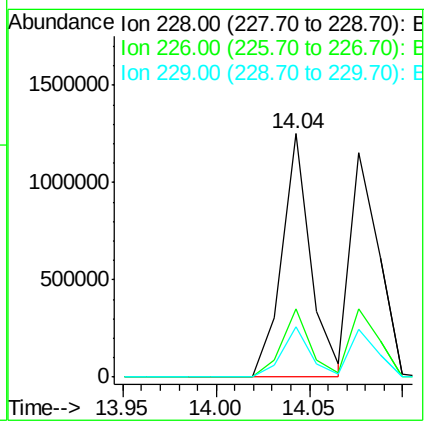
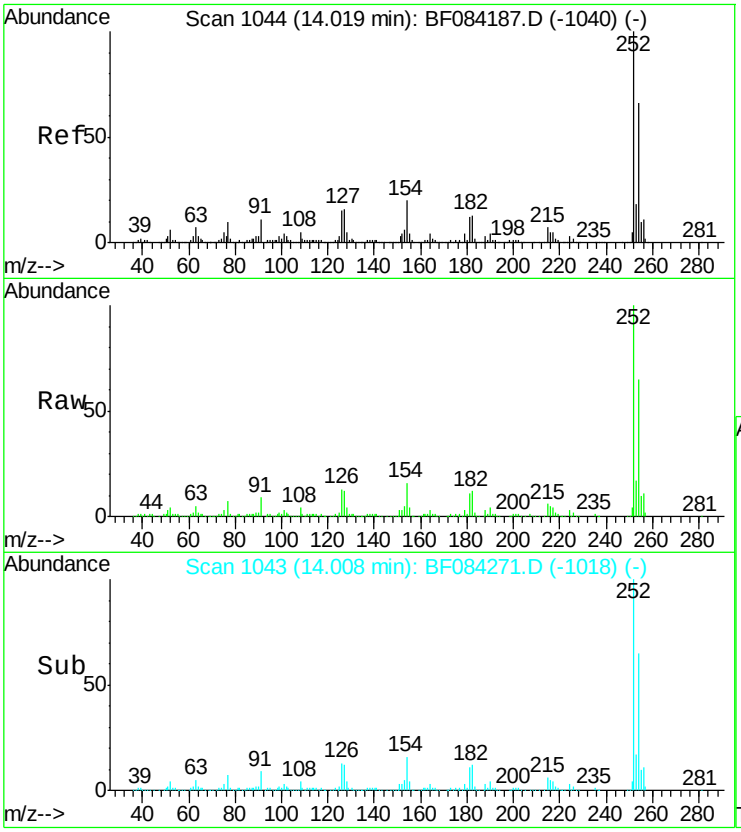


#80
Benzo(a)anthracene
Concen: 43.45 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:228 Resp: 1343558

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.9	15.8	23.8





#81
3,3'-Dichlorobenzidine
Concen: 22.06 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:252 Resp: 238109

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.5	80.3
126	13.1	4.9	7.3#

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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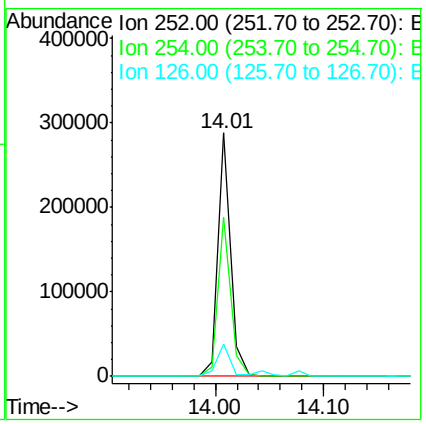
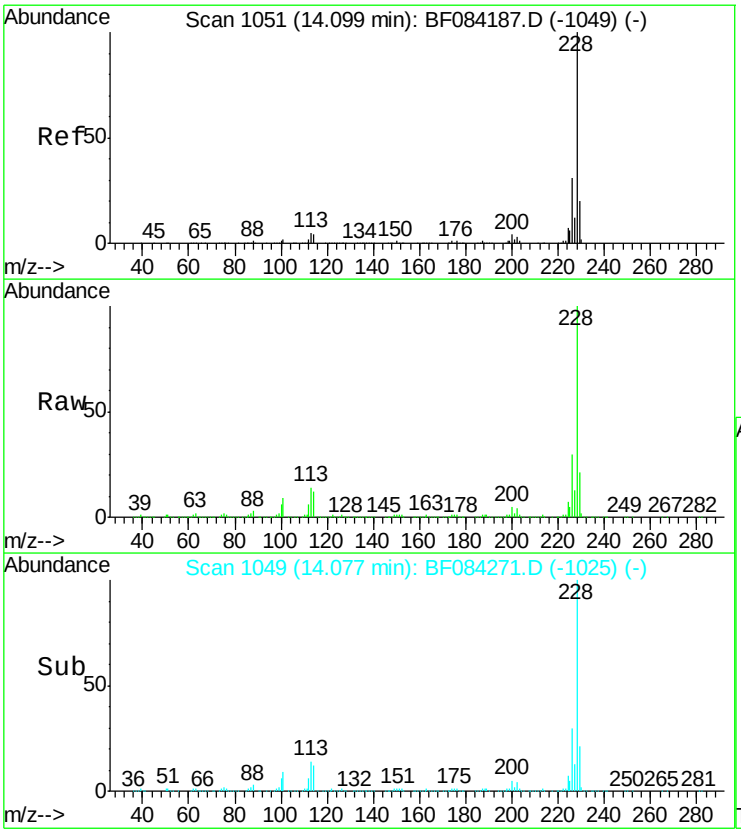
1/5/2016 4:07:33 PM

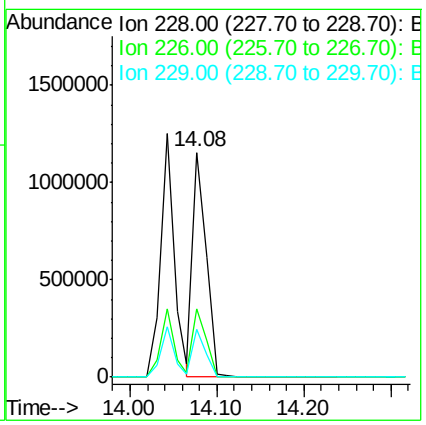


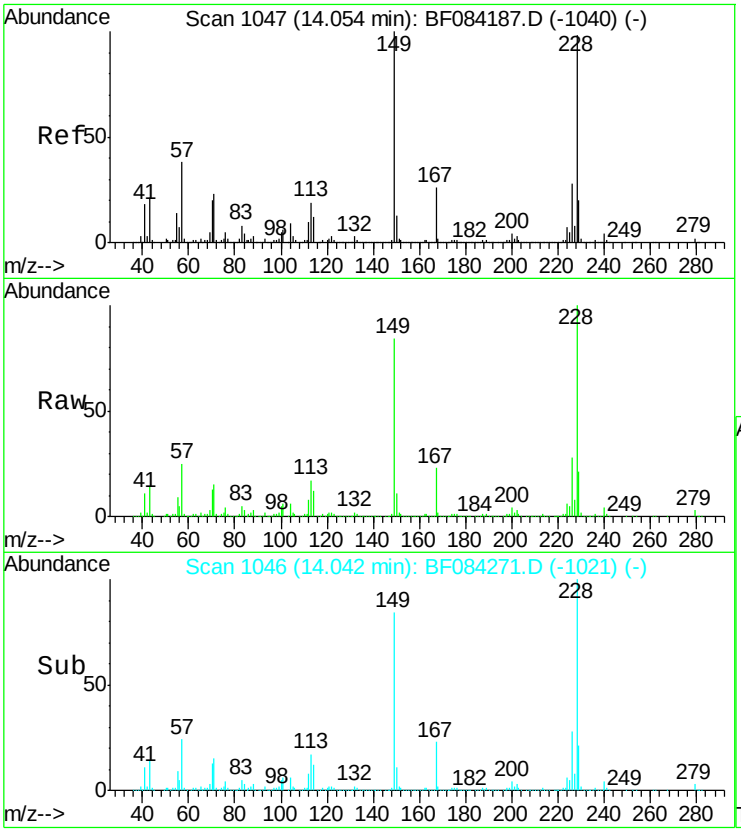


#82
Chrysene
Concen: 41.63 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:228 Resp: 1237207

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.0	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 41.79 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:149 Resp: 944266

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.7	29.5
279	3.0	1.8	2.6#

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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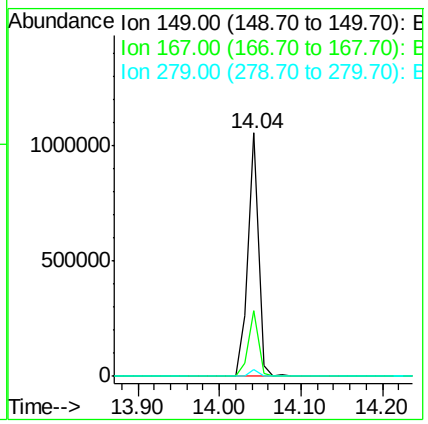
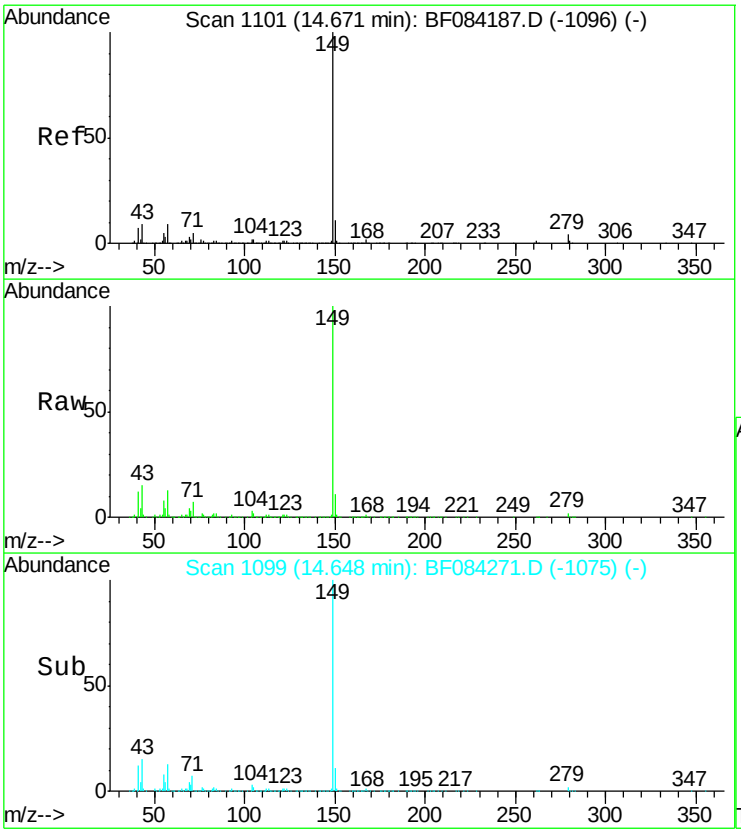
1/5/2016 4:07:33 PM

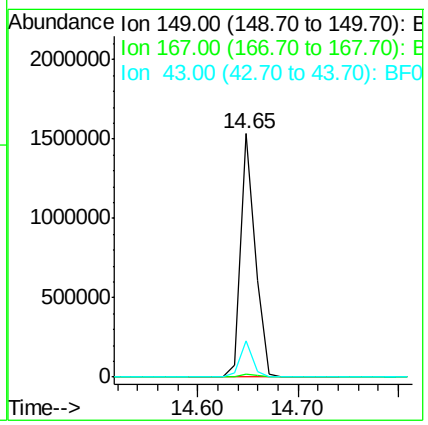


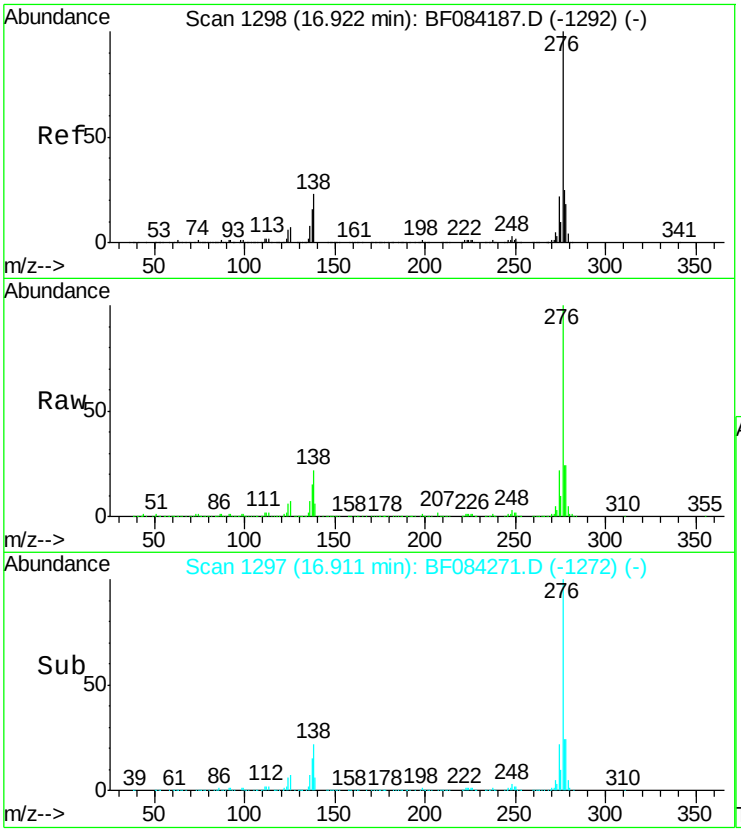


#84
Di-n-octyl phthalate
Concen: 40.29 ng
RT: 14.65 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:149 Resp: 1536904

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.6	5.6	8.4#

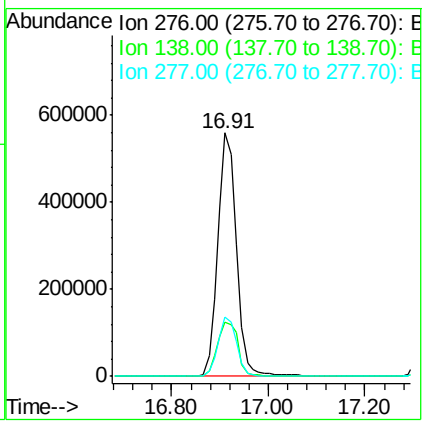




#85
Indeno(1,2,3-cd)pyrene
Concen: 64.22 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:276 Resp: 1512694

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	24.7	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
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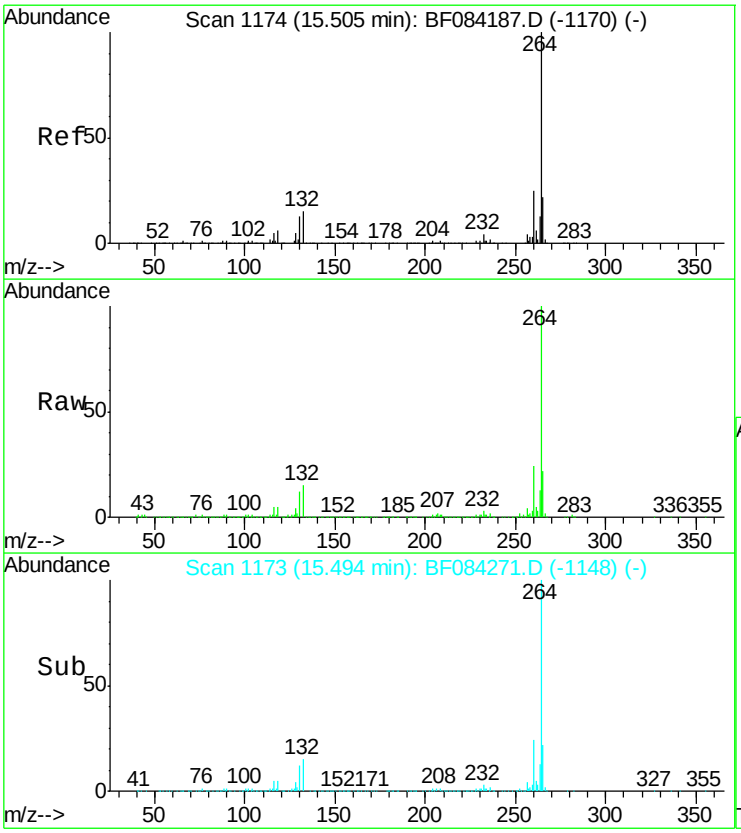
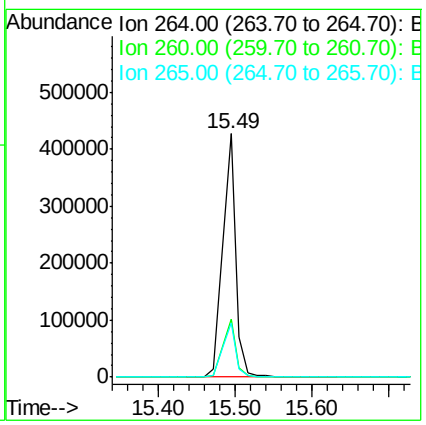
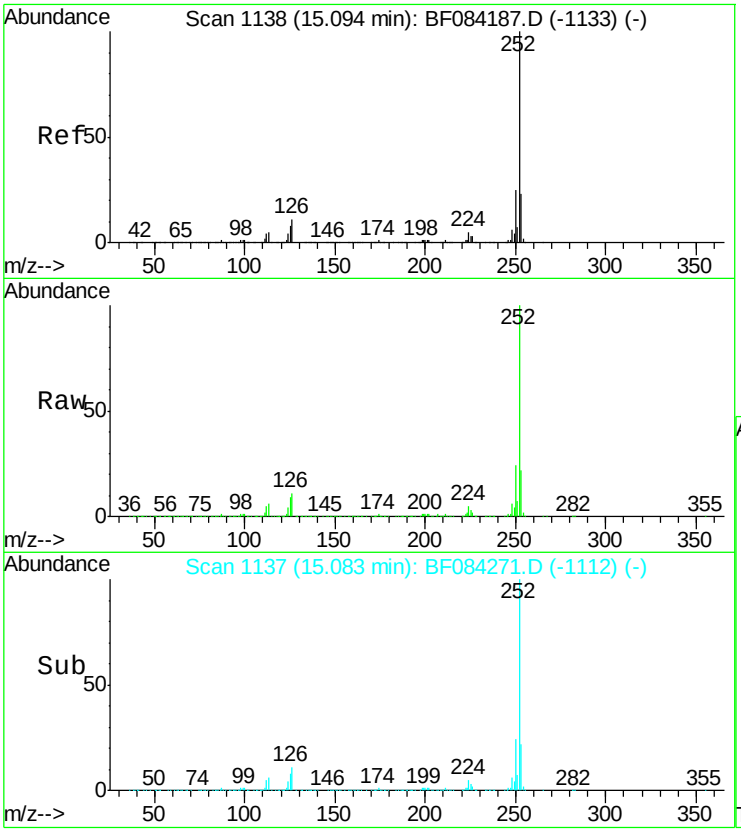


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:264 Resp: 518006

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.8	26.6

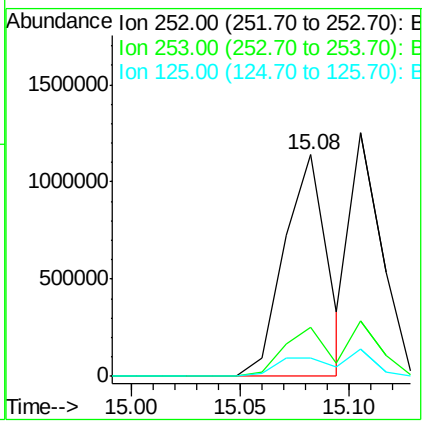




#87
Benzo(b)fluoranthene
Concen: 46.39 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:252 Resp: 1572042

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.5	6.5	9.7



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

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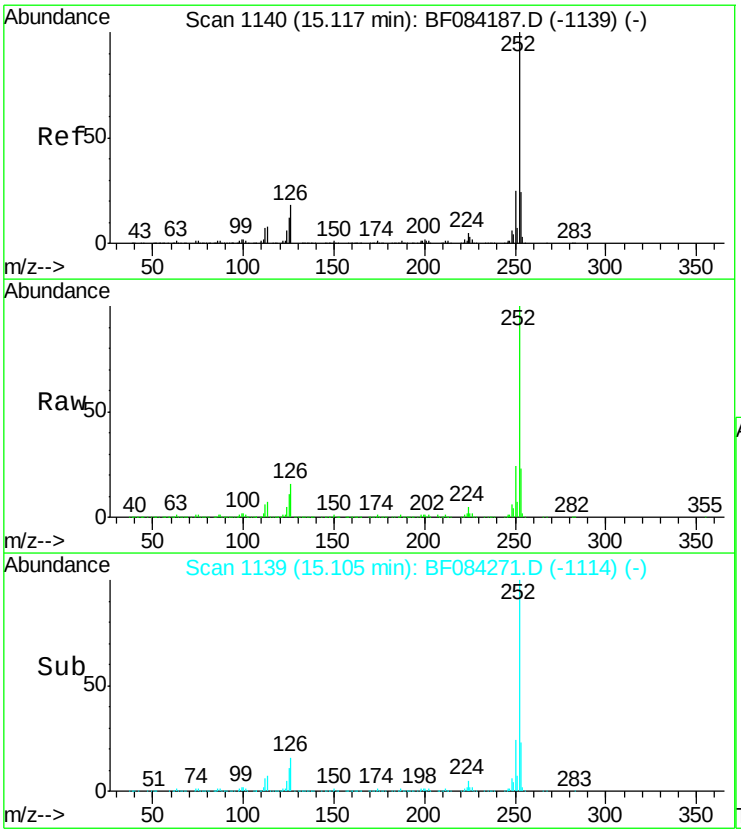
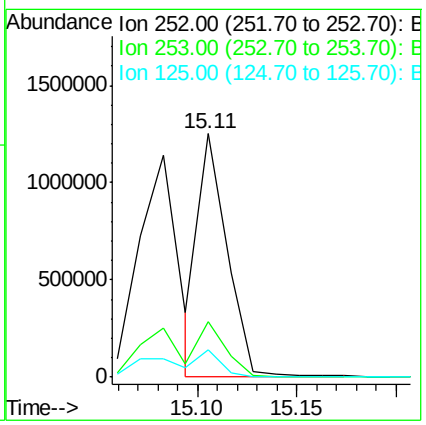
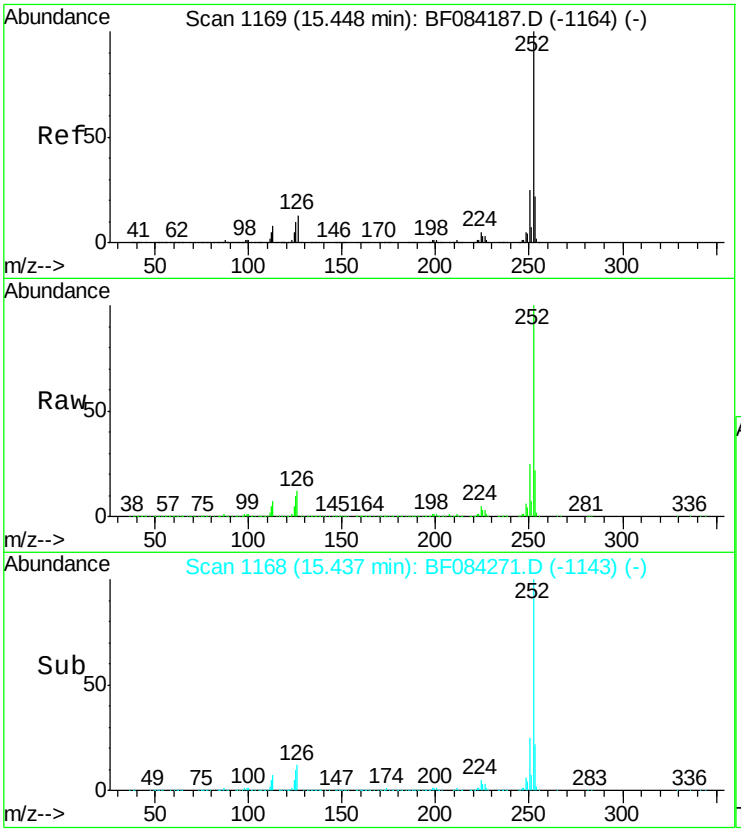


#88
Benzo(k)fluoranthene
Concen: 45.93 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:252 Resp: 1272761

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.2	9.0	13.6

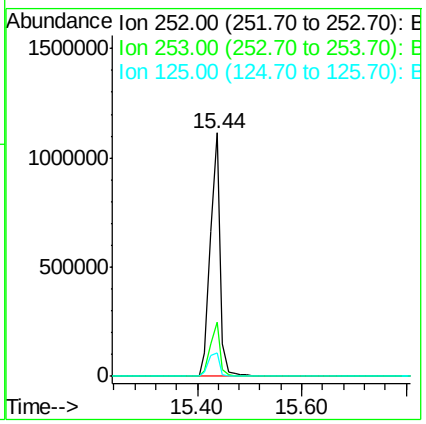




#89
Benzo(a)pyrene
Concen: 50.15 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:252 Resp: 1441325

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.7	7.0	10.4



Instrument :
BNA_F
ClientSampleId :
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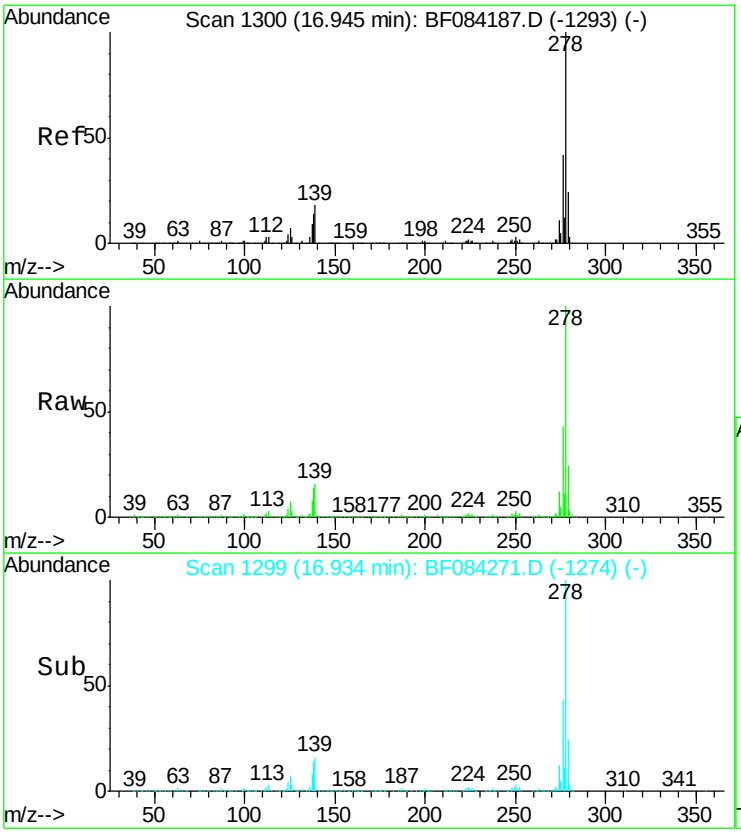
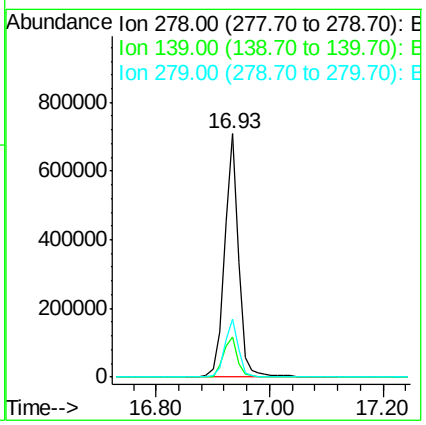
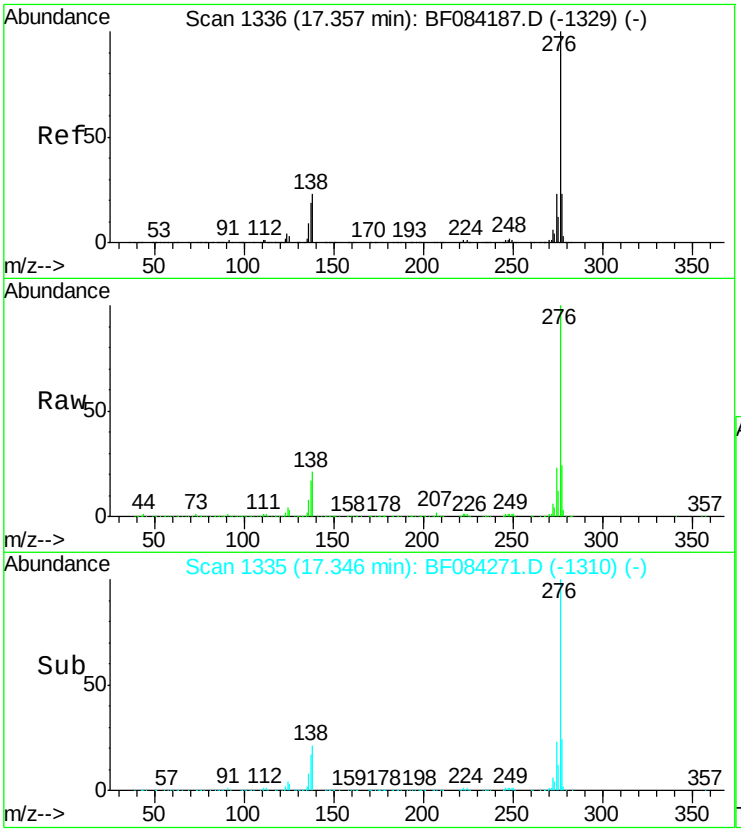


#90
Dibenzo(a,h)anthracene
Concen: 49.57 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:278 Resp: 1226048

Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	23.8	18.9	28.3

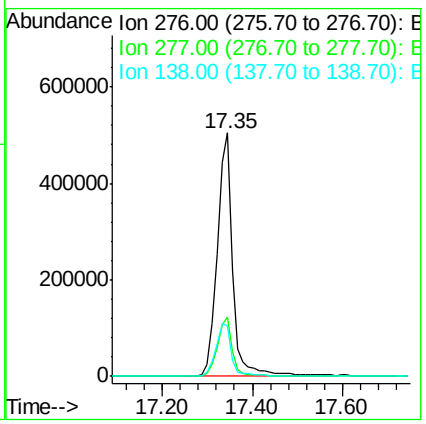




#91
Benzo(g,h,i)perylene
Concen: 46.69 ng
RT: 17.35 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF084271.D
Acq: 5 Jan 2016 7:49

Tgt Ion:276 Resp: 1195746

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.7	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:33 PM