Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080628.D
Acq On : 24 Jul 2015 16:26
Operator : TP/UM
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
apatel
7/27/2015 4:21:29 PM

Quant Time: Jul 25 04:36:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 22:49:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	48365	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	176639	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	96314	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	176100	20.00	ng		0.00
75) Chrysene-d12	14.25	240	162370	20.00	ng		0.09
86) Perylene-d12	15.91	264	131799	20.00	ng		0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	13713	4.91	ng		0.00
7) Phenol-d6	6.53	99	15438	4.55	ng		-0.01
23) Nitrobenzene-d5	7.48	82	14104	4.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.76	330	3763	4.82	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	31854	4.88	ng		-0.01
78) Terphenyl-d14	13.08	244	35523	4.63	ng		0.02
Target Compounds							Qvalue
6) Aniline	6.58	93	12069	2.47	ng		97
8) 2-Chlorophenol	6.70	128	8109	2.71	ng		91
9) Benzaldehyde	6.48	77	6005	2.45	ng		87
10) Phenol	6.56	94	8850	2.18	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	6681	2.32	ng		97
12) 1,3-Dichlorobenzene	6.86	146	8506	2.28	ng		94
13) 1,4-Dichlorobenzene	6.94	146	8372	2.28	ng		95
14) 1,2-Dichlorobenzene	7.10	146	7888	2.30	ng		91
15) Benzyl Alcohol	7.06	79	7022	2.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	13555	2.42	ng		99
17) 2-Methylphenol	7.17	107	6553	2.77	ng		95
18) Hexachloroethane	7.45	117	3570	2.76	ng		86
19) n-Nitroso-di-n-propylamine	7.33	70	6880	3.00	ng	#	90
20) 3+4-Methylphenols	7.32	107	7426	2.28	ng	#	47
22) Acetophenone	7.33	105	12154	2.85	ng		94
24) Nitrobenzene	7.50	77	8708	2.65	ng		96
25) Isophorone	7.74	82	15621	2.72	ng	#	95
26) 2-Nitrophenol	7.82	139	2836	2.37	ng	#	32
27) 2,4-Dimethylphenol	7.86	122	5758	2.23	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	8902	2.77	ng	#	90
29) 2,4-Dichlorophenol	8.06	162	5805	2.65	ng		88
30) 1,2,4-Trichlorobenzene	8.16	180	8002	2.87	ng		90
31) Naphthalene	8.24	128	23311	2.66	ng		98
33) 4-Chloroaniline	8.28	127	10255	2.95	ng		95
34) Hexachlorobutadiene	8.36	225	5078	3.03	ng		93
35) Caprolactam	8.60	113	1442	2.46	ng	#	67
36) 4-Chloro-3-methylphenol	8.75	107	5981	2.38	ng		98
37) 2-Methylnaphthalene	8.93	142	15759	3.09	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	7067	2.23	ng		99
42) 2,4,6-Trichlorophenol	9.21	196	3716	2.02	ng		95
43) 2,4,5-Trichlorophenol	9.24	196	4204	2.26	ng	#	91
45) 1,1'-Biphenyl	9.39	154	16839	2.20	ng		94
46) 2-Chloronaphthalene	9.41	162	13362	2.15	ng		98
48) Acenaphthylene	9.84	152	21372	2.27	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080628.D
Acq On : 24 Jul 2015 16:26
Operator : TP/UM
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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7/27/2015 4:21:29 PM

Quant Time: Jul 25 04:36:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 22:49:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.69	163	17950	2.57	ng		98
51) Acenaphthene	10.01	154	13601	2.40	ng		98
54) Dibenzofuran	10.18	168	21475	2.65	ng		97
57) Fluorene	10.52	166	15155	2.34	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.29	232	3006	2.08	ng	#	85
59) Diethylphthalate	10.38	149	15764	2.35	ng	#	91
60) 4-Chlorophenyl-phenylether	10.51	204	6980	2.39	ng	#	64
62) Azobenzene	10.67	77	15867	2.33	ng		96
65) n-Nitrosodiphenylamine	10.62	169	12962	2.28	ng		94
67) Hexachlorobenzene	11.07	284	5179	2.55	ng		96
68) Atrazine	11.15	200	4012	2.59	ng		97
70) Phenanthrene	11.48	178	25309	2.57	ng		97
71) Anthracene	11.54	178	21398	2.30	ng		98
72) Carbazole	11.69	167	19757	2.44	ng	#	97
73) Di-n-butylphthalate	12.03	149	23703	2.52	ng	#	96
74) Fluoranthene	12.68	202	23209	2.63	ng		99
76) Benzidine	12.81	184	13102	2.67	ng	#	91
77) Pyrene	12.92	202	24797	2.31	ng		99
79) Butylbenzylphthalate	13.61	149	8638	2.32	ng		91
80) Benzo(a)anthracene	14.24	228	21881	2.39	ng		98
81) 3,3'-Dichlorobenzidine	14.20	252	6715	2.53	ng	#	92
82) Chrysene	14.27	228	20355	2.25	ng		100
83) Bis(2-ethylhexyl)phthalate	14.25	149	13567	2.45	ng	#	96
84) Di-n-octyl phthalate	14.99	149	20133	2.74	ng	#	65
85) Indeno(1,2,3-cd)pyrene	17.39	276	18734	2.54	ng		96
87) Benzo(b)fluoranthene	15.46	252	17173m	2.18	ng		
88) Benzo(k)fluoranthene	15.49	252	18987m	2.43	ng		
89) Benzo(a)pyrene	15.84	252	16773	2.39	ng	#	93
90) Dibenzo(a,h)anthracene	17.43	278	15573	2.29	ng		98
91) Benzo(g,h,i)perylene	17.84	276	16707	2.42	ng		94

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

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Operator : TP/UM
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Misc :
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Quant Time: Jul 25 04:36:54 2015
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Manual Integrations APPROVED
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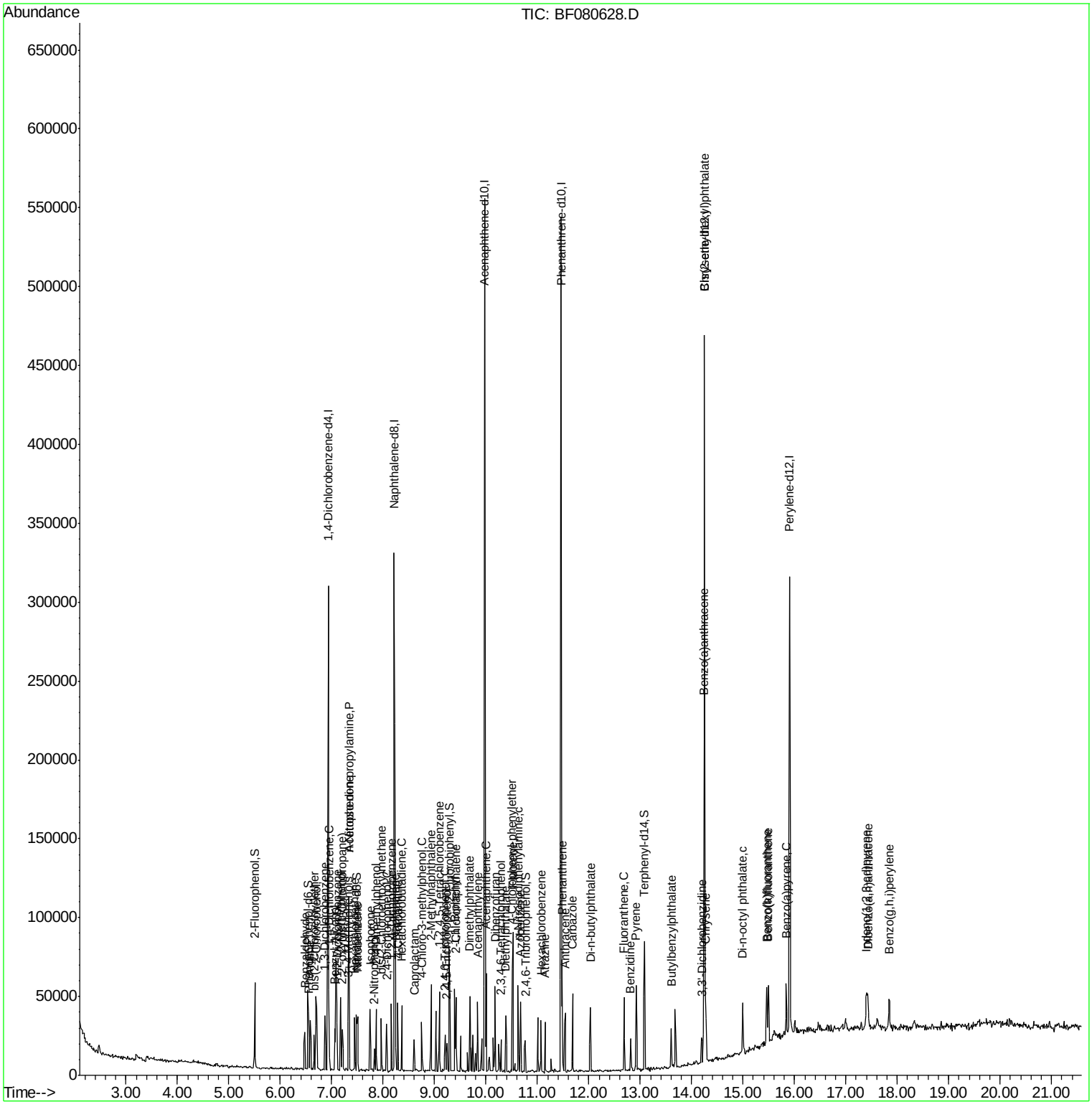
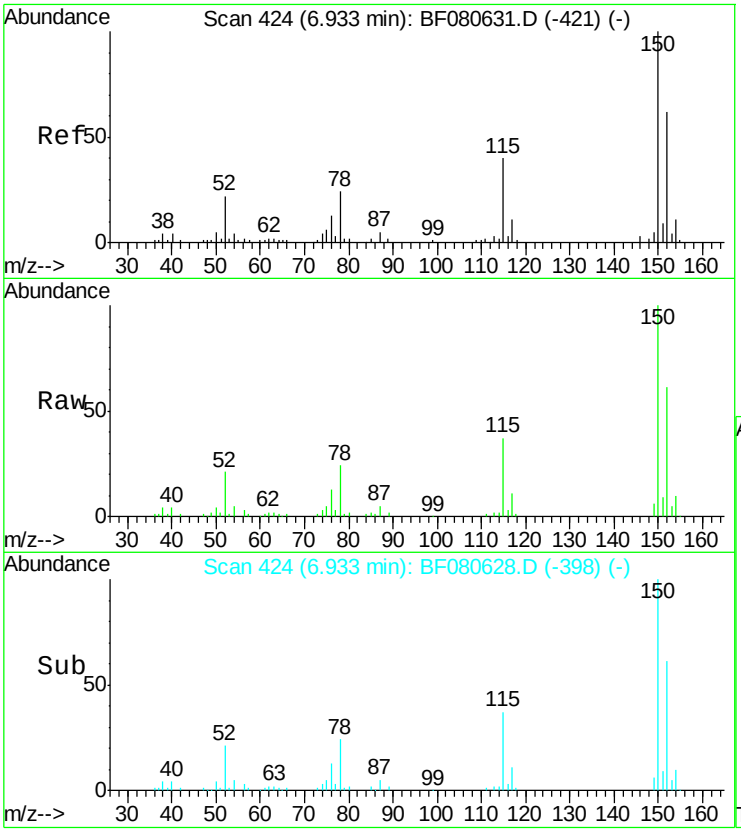
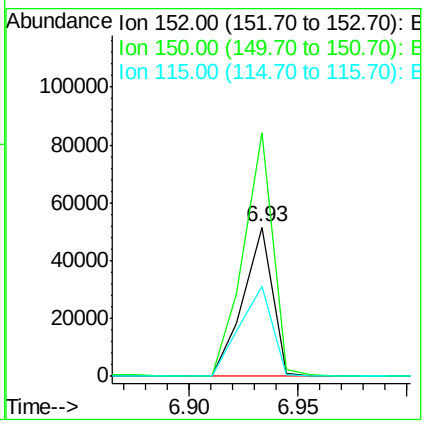




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:152 Resp: 48365

Ion	Ratio	Lower	Upper
152	100		
150	163.5	128.9	193.3
115	60.2	51.0	76.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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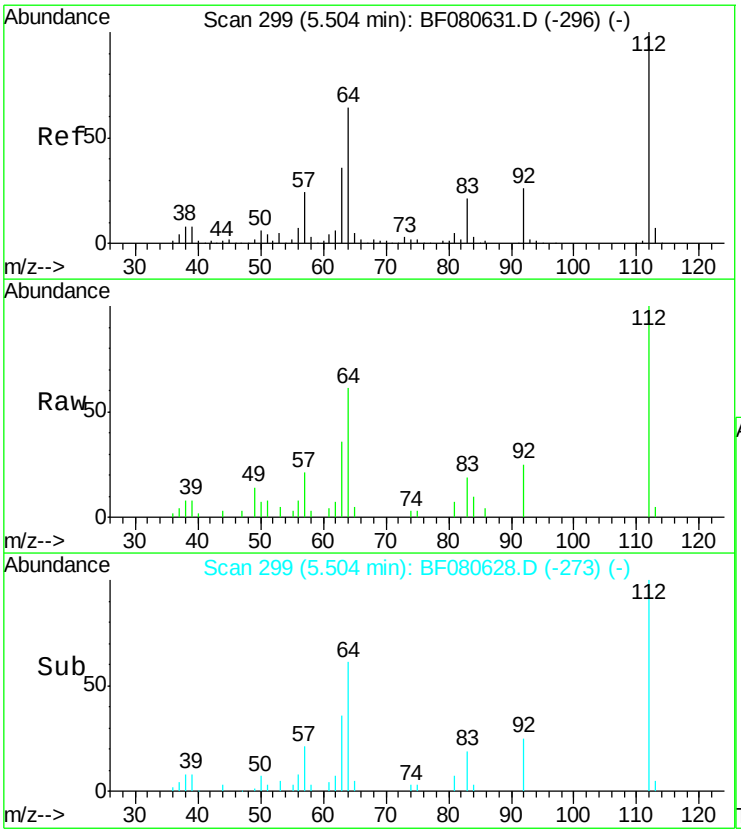
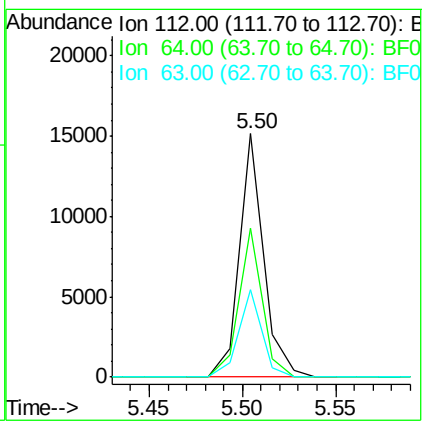
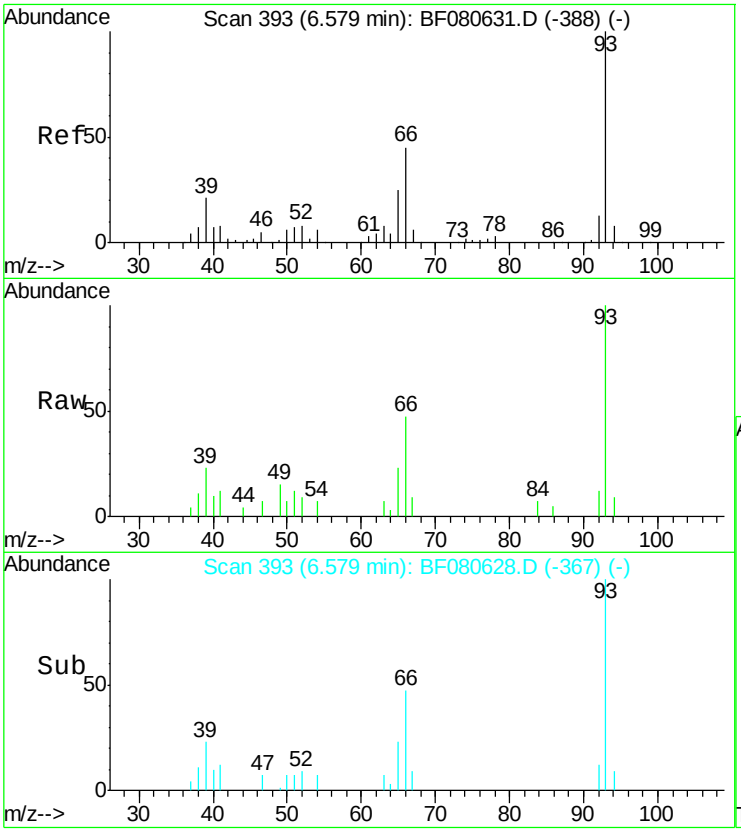


#5
2-Fluorophenol
Concen: 4.91 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:112 Resp: 13713

Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.2	76.8
63	36.0	29.0	43.6

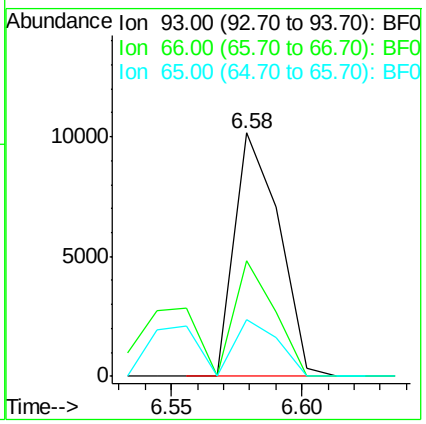




#6
Aniline
Concen: 2.47 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 93 Resp: 12069

Ion	Ratio	Lower	Upper
93	100		
66	47.4	36.3	54.5
65	23.3	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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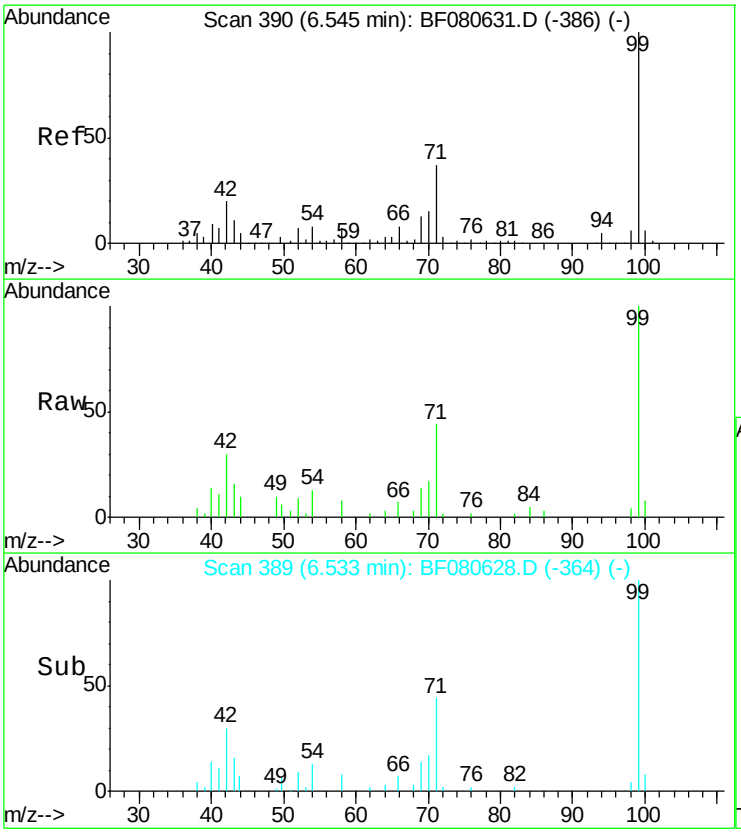
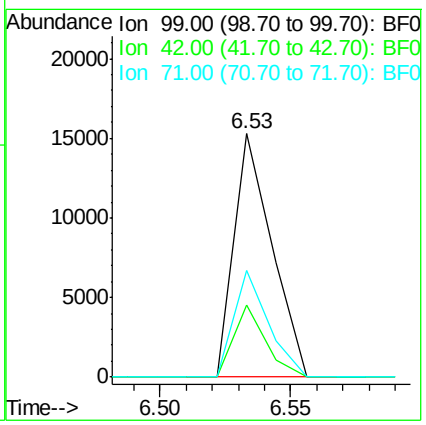
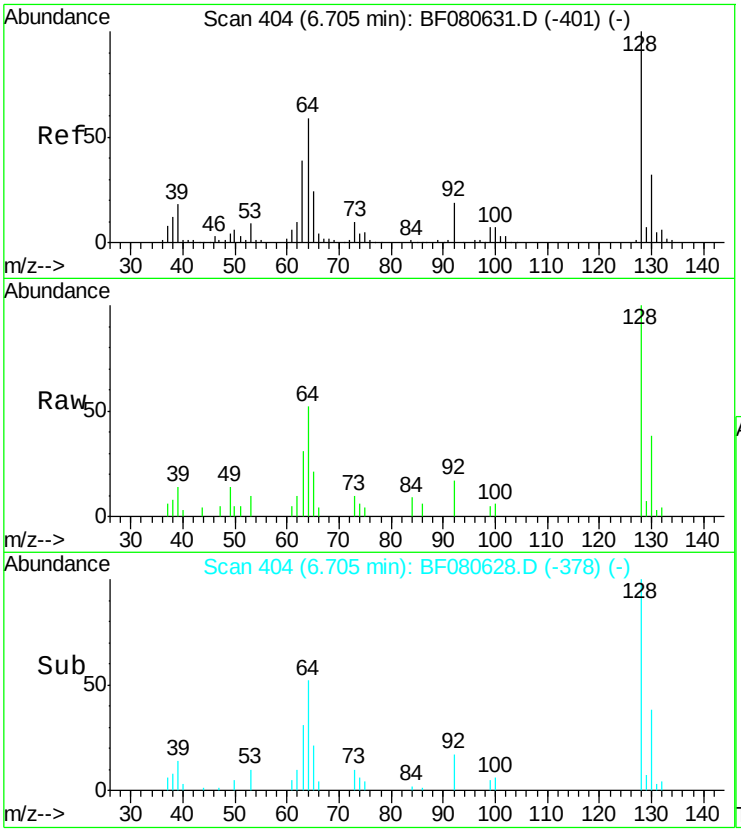


#7
Phenol-d6
Concen: 4.55 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 99 Resp: 15438

Ion	Ratio	Lower	Upper
99	100		
42	29.5	16.3	24.5#
71	43.7	29.7	44.5

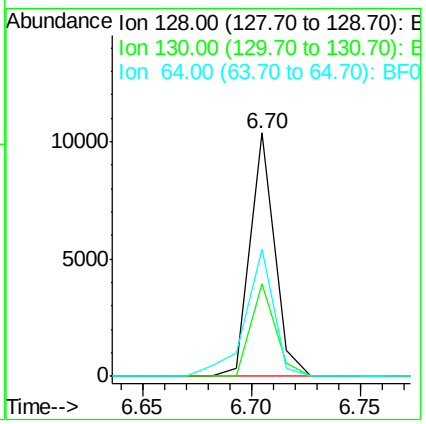




#8
2-Chlorophenol
Concen: 2.71 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:128 Resp: 8109

Ion	Ratio	Lower	Upper
128	100		
130	37.9	12.3	52.3
64	52.0	38.9	78.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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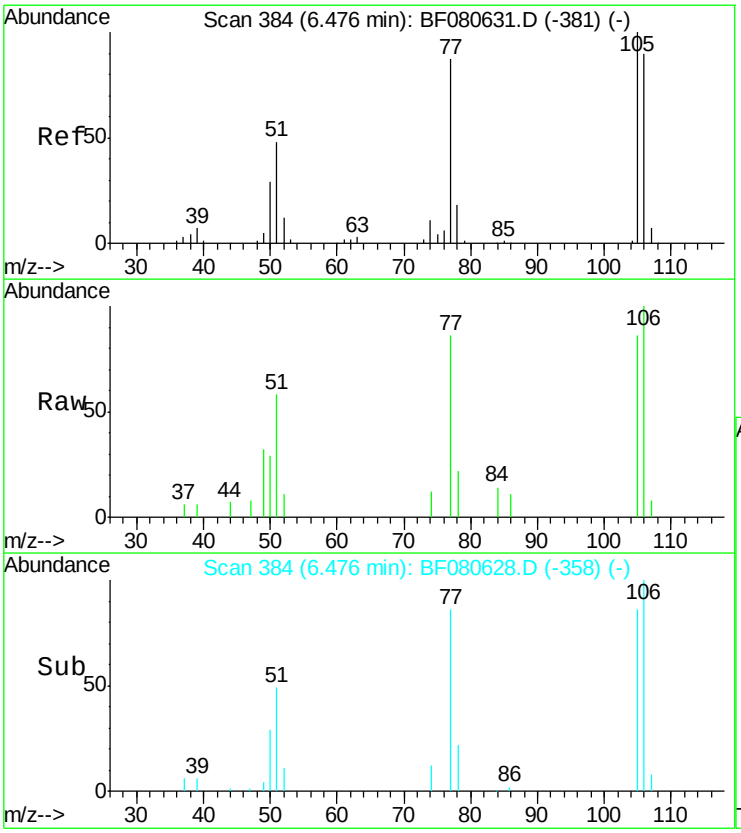
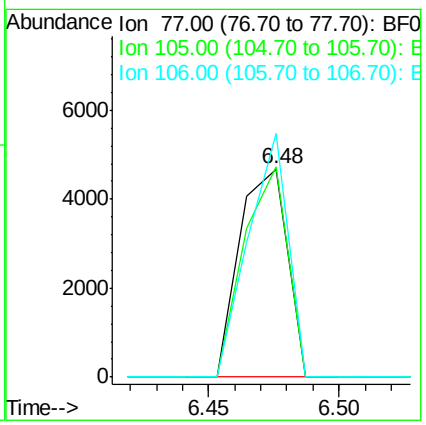
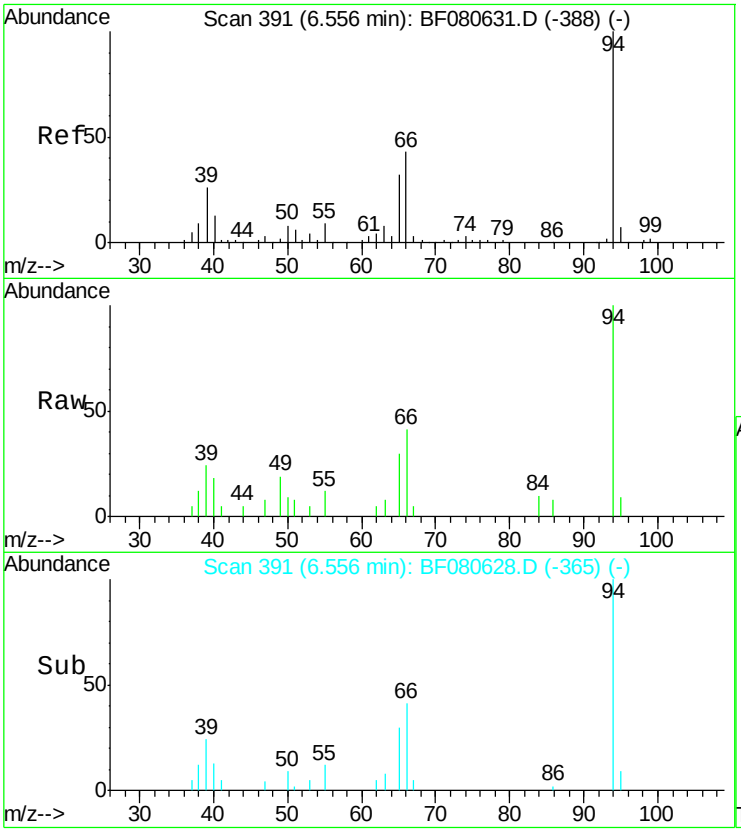


#9
Benzaldehyde
Concen: 2.45 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 77 Resp: 6005

Ion	Ratio	Lower	Upper
77	100		
105	101.1	94.7	134.7
106	116.8	83.4	123.4

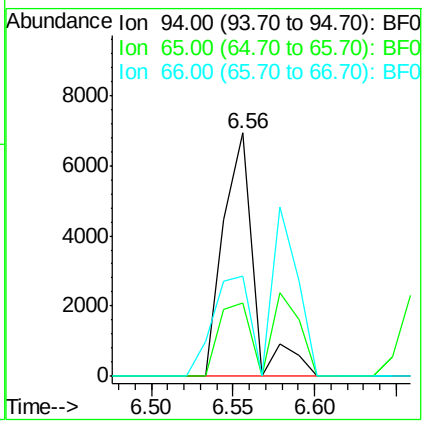




#10
Phenol
Concen: 2.18 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 94 Resp: 8850

Ion	Ratio	Lower	Upper
94	100		
65	30.2	12.5	52.5
66	41.3	22.8	62.8



Instrument :
BNA_F
ClientSampleId :
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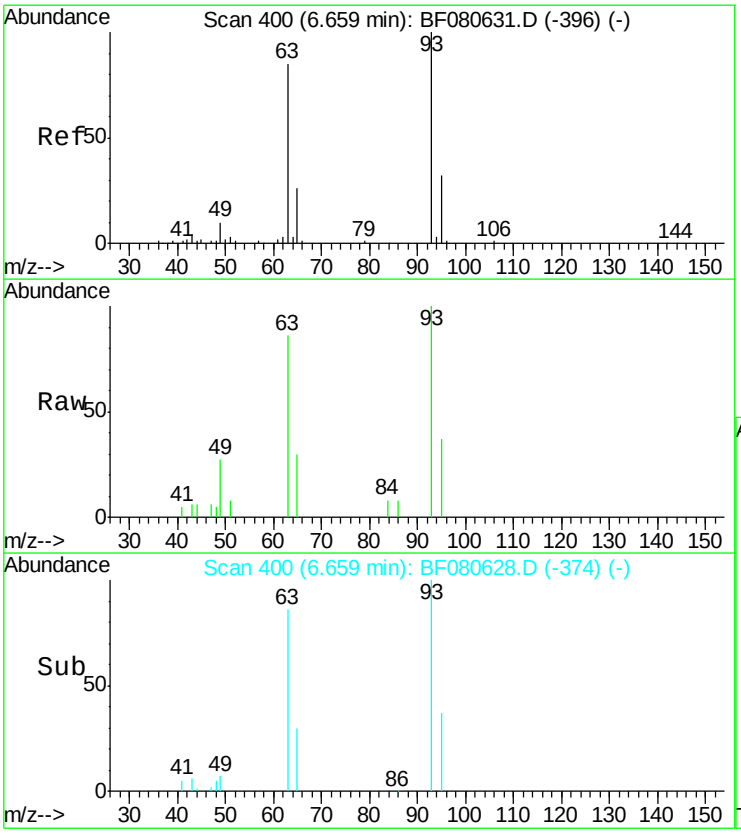
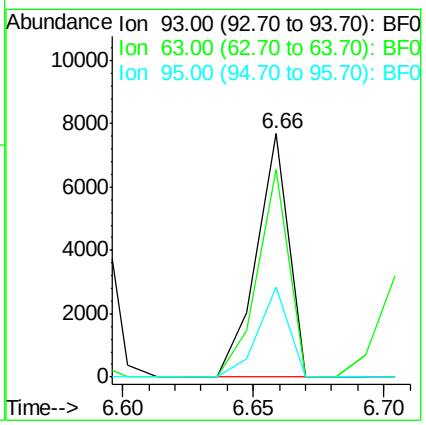
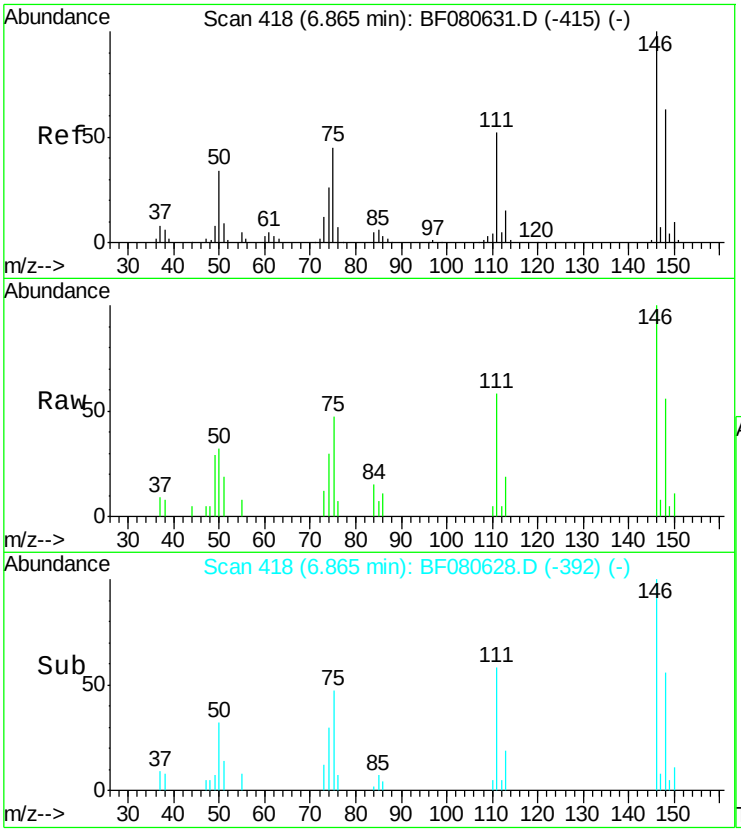


#11
bis(2-Chloroethyl)ether
Concen: 2.32 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 93 Resp: 6681

Ion	Ratio	Lower	Upper
93	100		
63	85.5	65.1	105.1
95	36.8	12.3	52.3

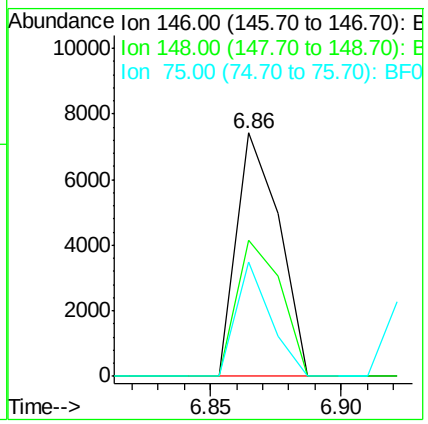




#12
1,3-Dichlorobenzene
Concen: 2.28 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:146 Resp: 8506

Ion	Ratio	Lower	Upper
146	100		
148	55.8	50.2	75.2
75	46.7	36.3	54.5



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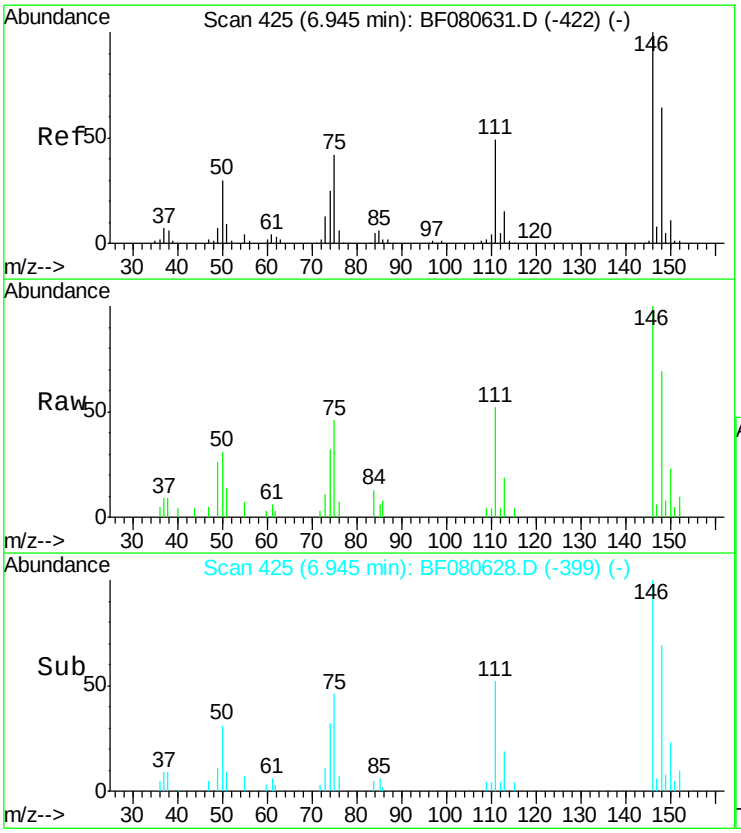
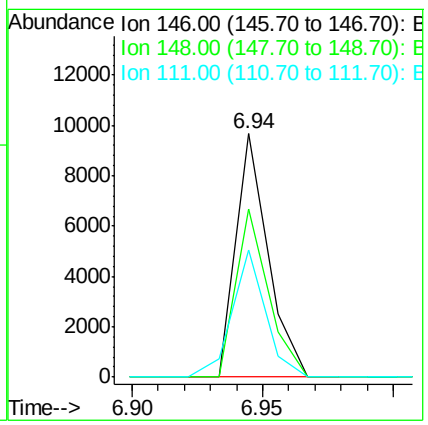
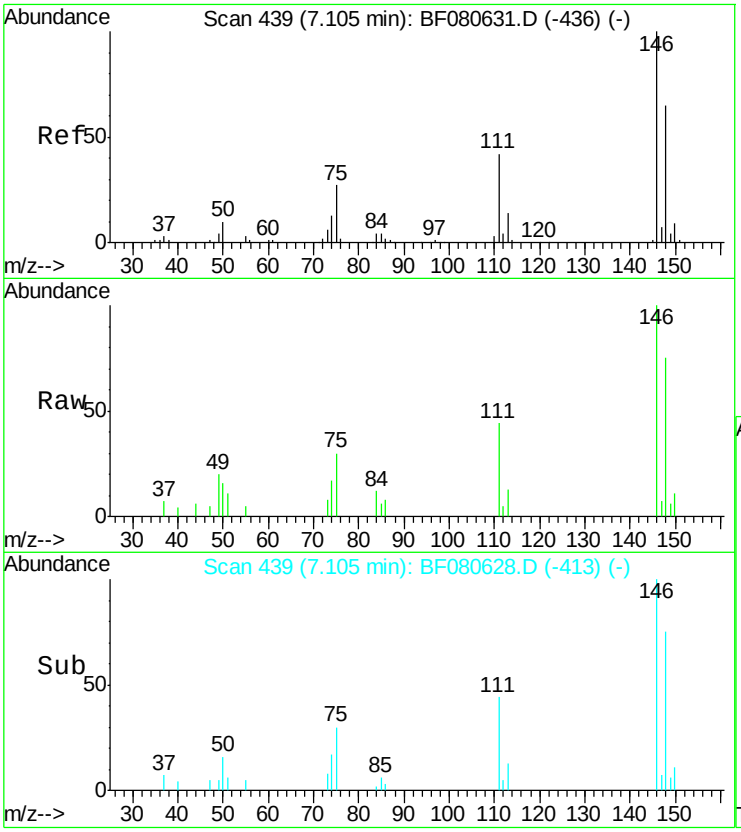


#13
1,4-Dichlorobenzene
Concen: 2.28 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:146 Resp: 8372

Ion	Ratio	Lower	Upper
146	100		
148	69.2	51.4	77.2
111	52.3	39.5	59.3

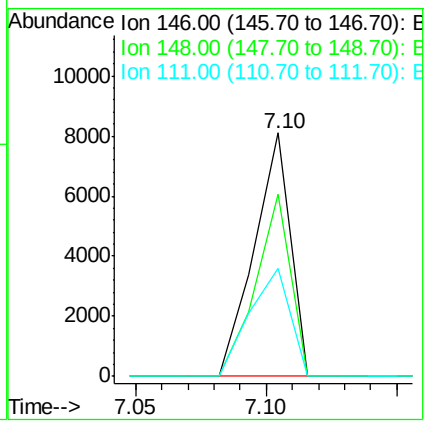




#14
1,2-Dichlorobenzene
Concen: 2.30 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:146 Resp: 7888

Ion	Ratio	Lower	Upper
146	100		
148	74.8	51.6	77.4
111	44.1	33.4	50.0



Instrument :
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ClientSampleId :
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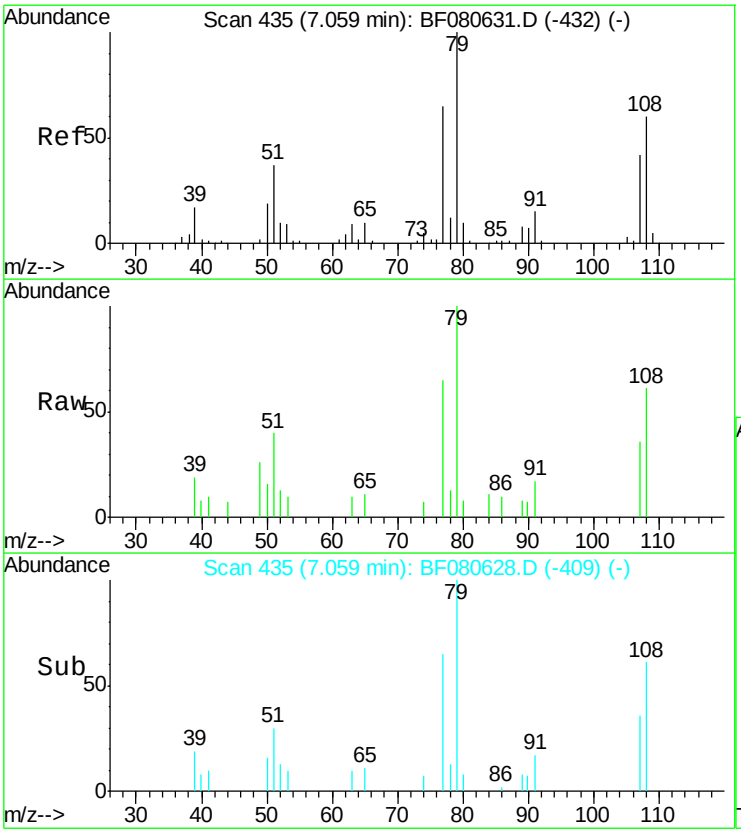
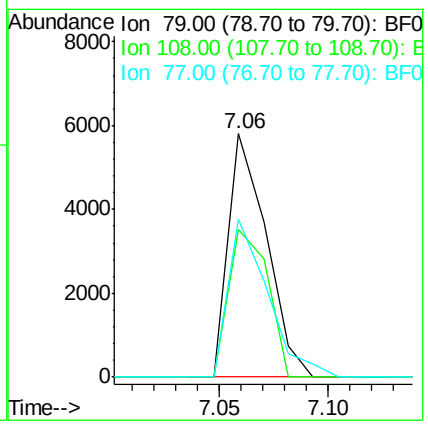
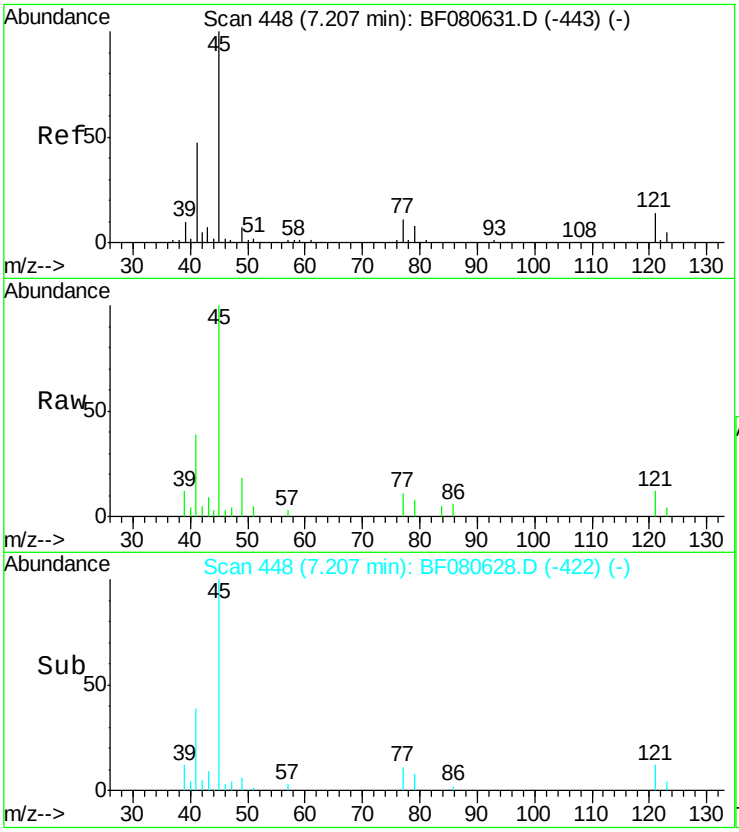


#15
Benzyl Alcohol
Concen: 2.38 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 79 Resp: 7022

Ion	Ratio	Lower	Upper
79	100		
108	60.8	47.8	71.8
77	64.8	51.6	77.4

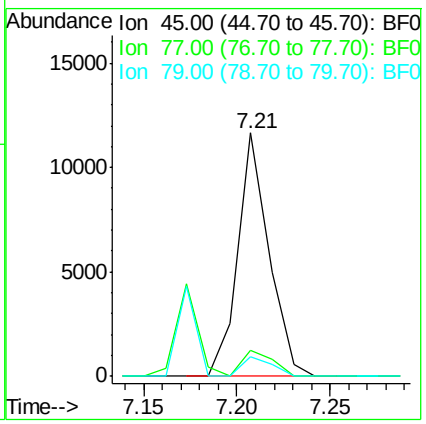




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.42 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 45 Resp: 13555

Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	31.0
79	8.1	0.0	27.8



Instrument :
BNA_F
ClientSampleId :
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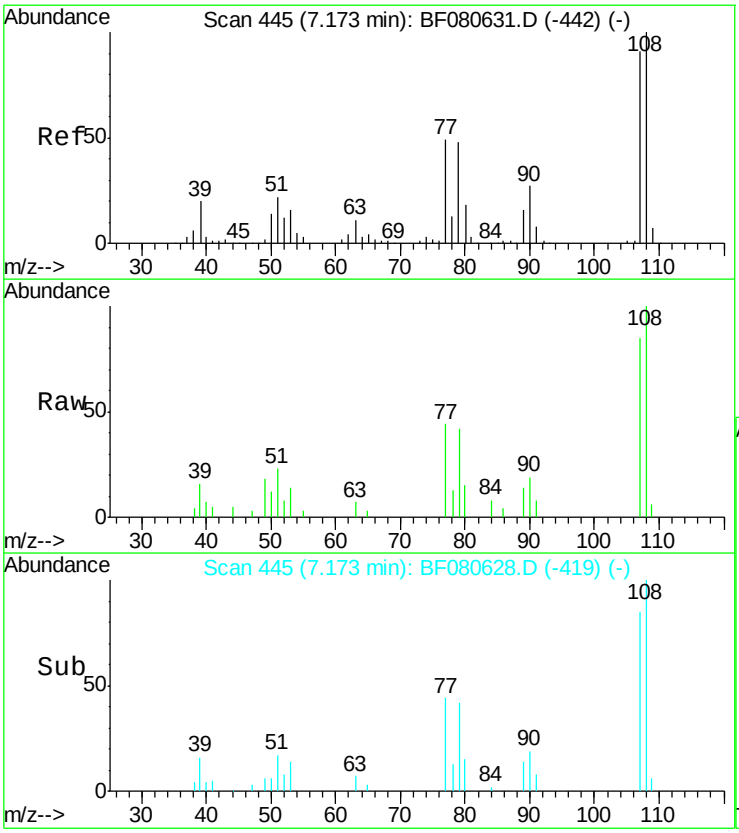
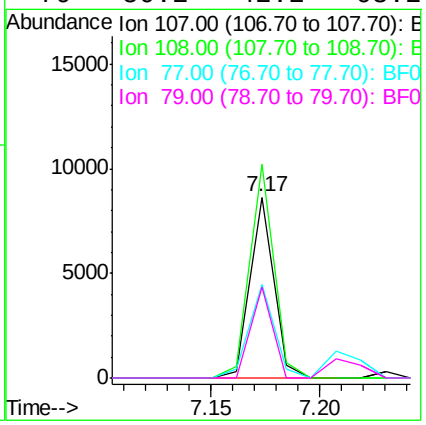
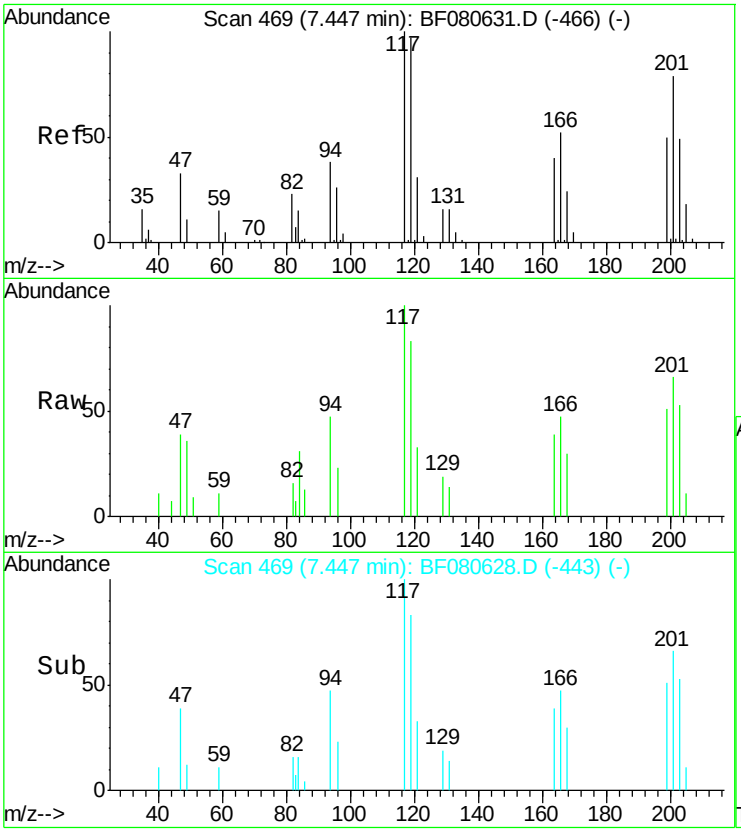


#17
2-Methylphenol
Concen: 2.77 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:107 Resp: 6553

Ion	Ratio	Lower	Upper
107	100		
108	118.2	88.4	132.6
77	51.6	43.0	64.4
79	50.2	42.2	63.2

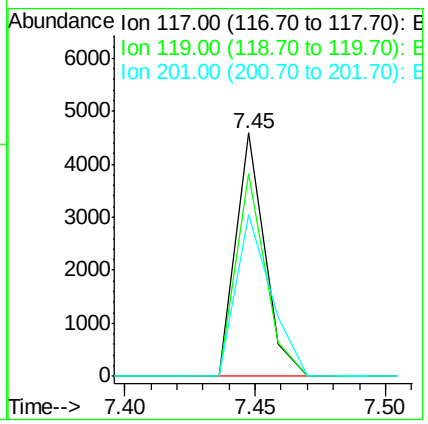




#18
Hexachloroethane
Concen: 2.76 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:117 Resp: 3570

Ion	Ratio	Lower	Upper
117	100		
119	83.2	77.4	116.2
201	66.4	62.9	94.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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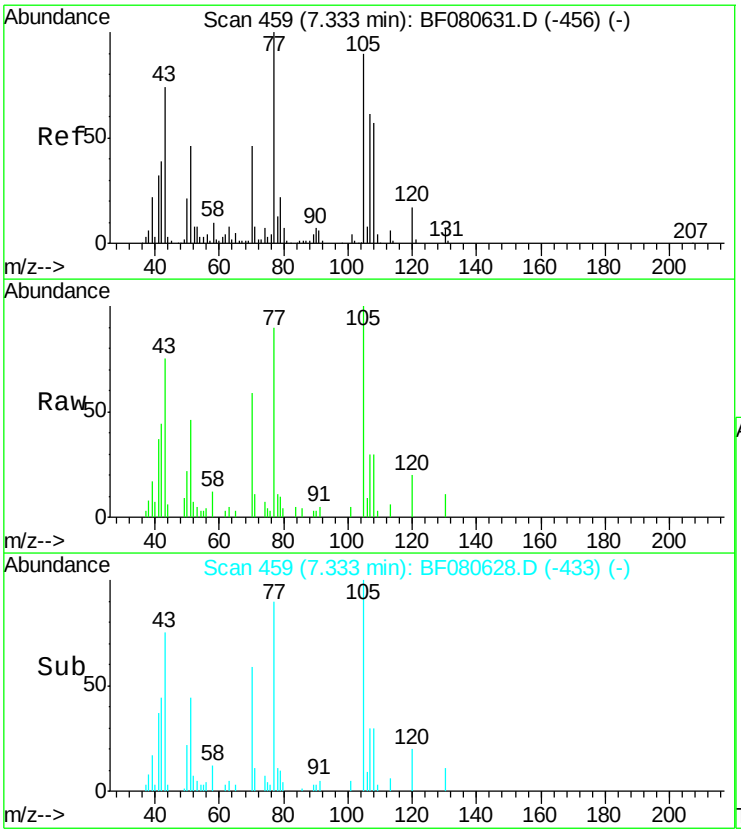
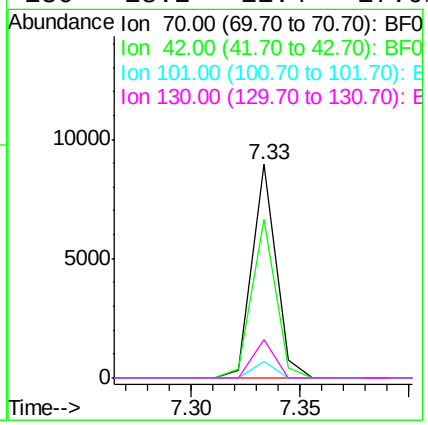
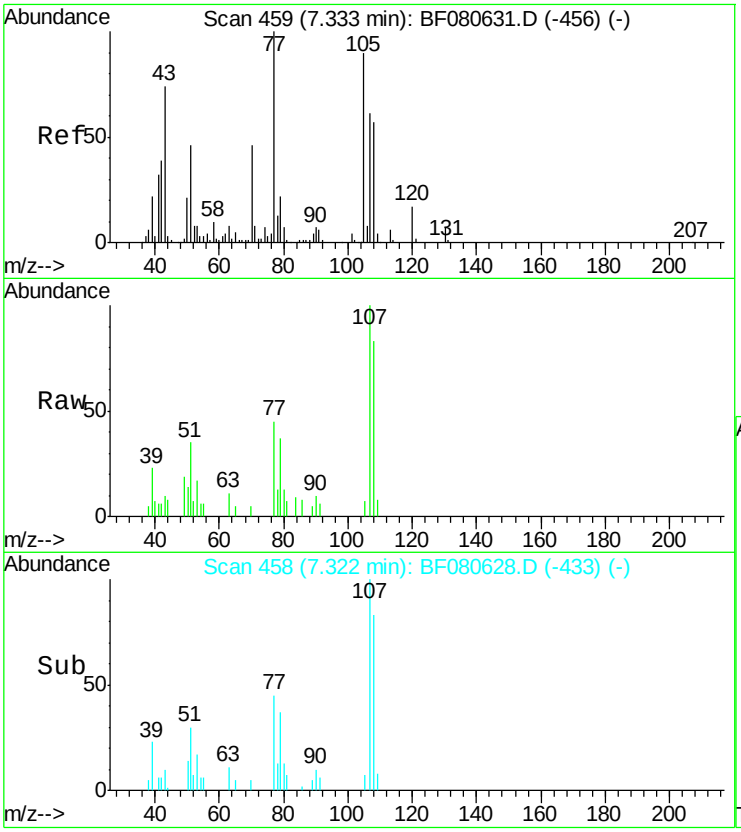


#19
n-Nitroso-di-n-propylamine
Concen: 3.00 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 70 Resp: 6880

Ion	Ratio	Lower	Upper
70	100		
42	74.5	67.8	101.8
101	8.0	6.6	9.8
130	18.2	11.4	17.0#

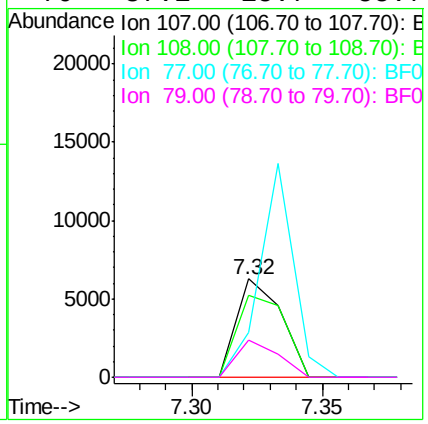




#20
3+4-Methylphenols
Concen: 2.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:107 Resp: 7426

Ion	Ratio	Lower	Upper
107	100		
108	82.7	73.5	113.5
77	44.9	142.7	182.7#
79	37.1	15.7	55.7



Instrument :
BNA_F
ClientSampleId :
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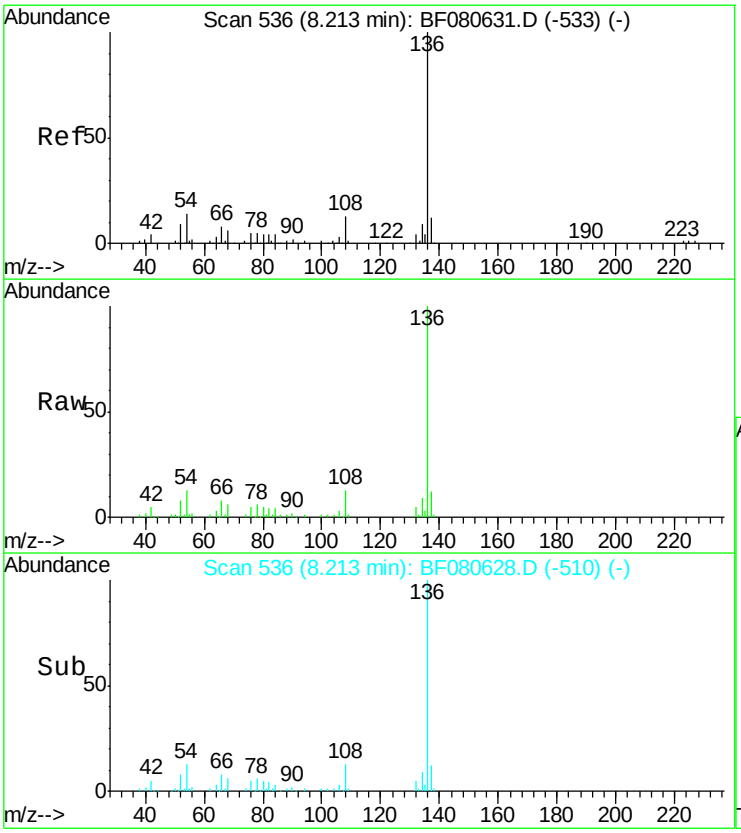
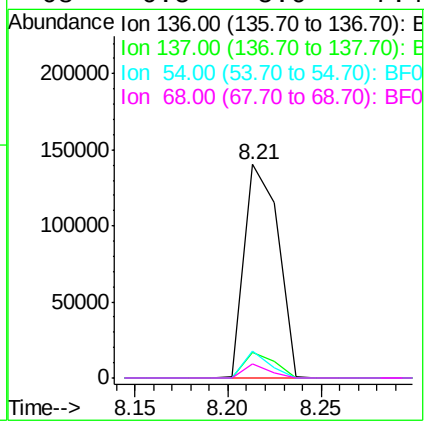
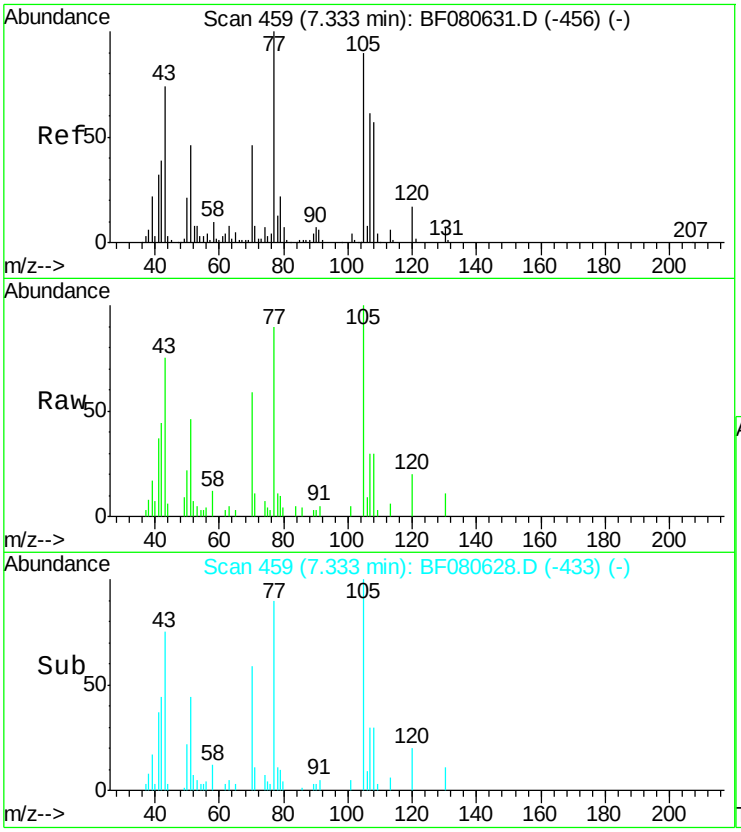


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:136 Resp: 176639

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	12.7	11.6	17.4
68	6.5	5.0	7.4

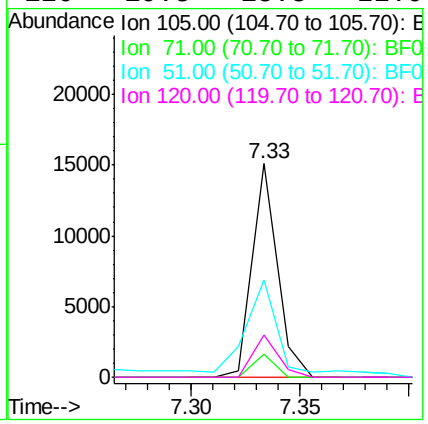




#22
Acetophenone
Concen: 2.85 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:105 Resp: 12154

Ion	Ratio	Lower	Upper
105	100		
71	10.7	7.2	10.8
51	45.9	40.8	61.2
120	19.8	15.3	22.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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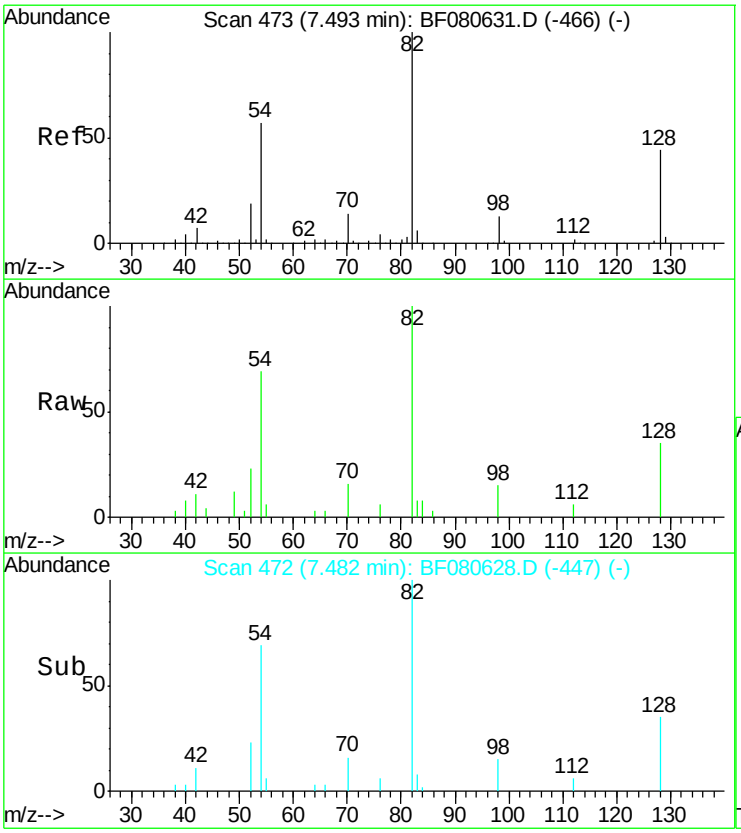
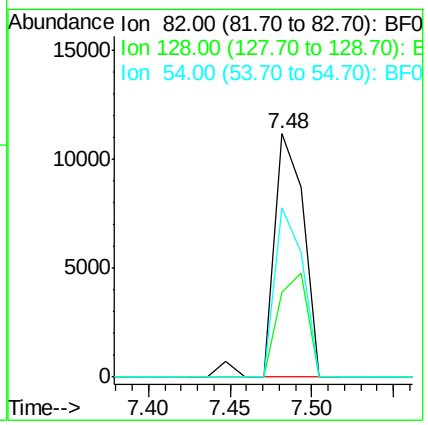
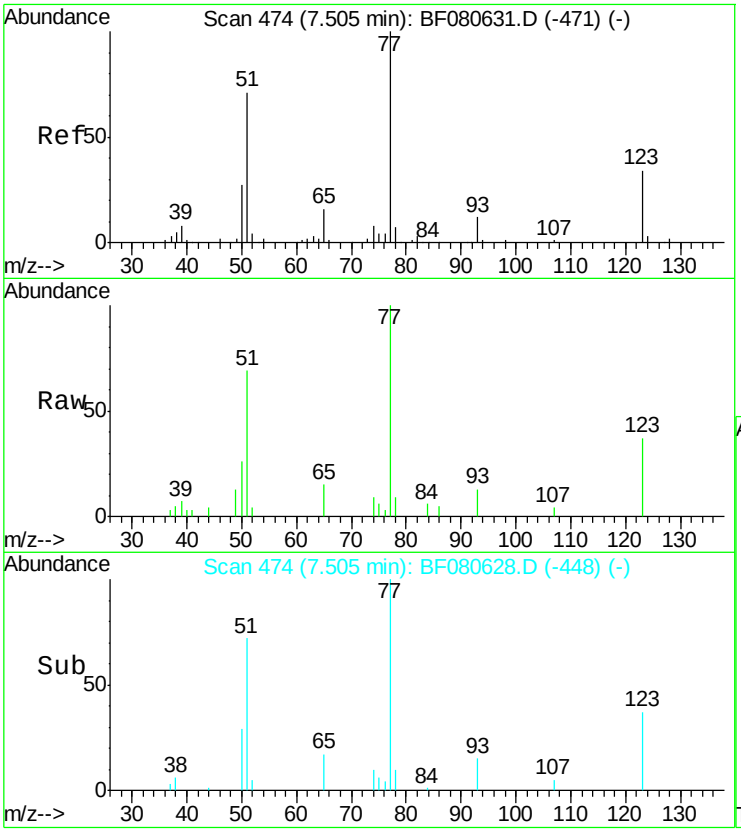


#23
Nitrobenzene-d5
Concen: 4.48 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 82 Resp: 14104

Ion	Ratio	Lower	Upper
82	100		
128	34.7	34.8	52.2#
54	69.4	45.4	68.0#

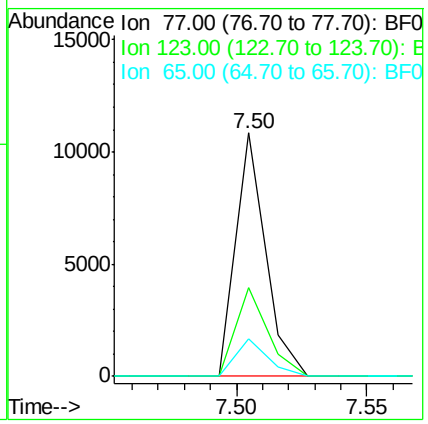




#24
Nitrobenzene
Concen: 2.65 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 77 Resp: 8708

Ion	Ratio	Lower	Upper
77	100		
123	36.6	27.1	40.7
65	15.2	12.6	18.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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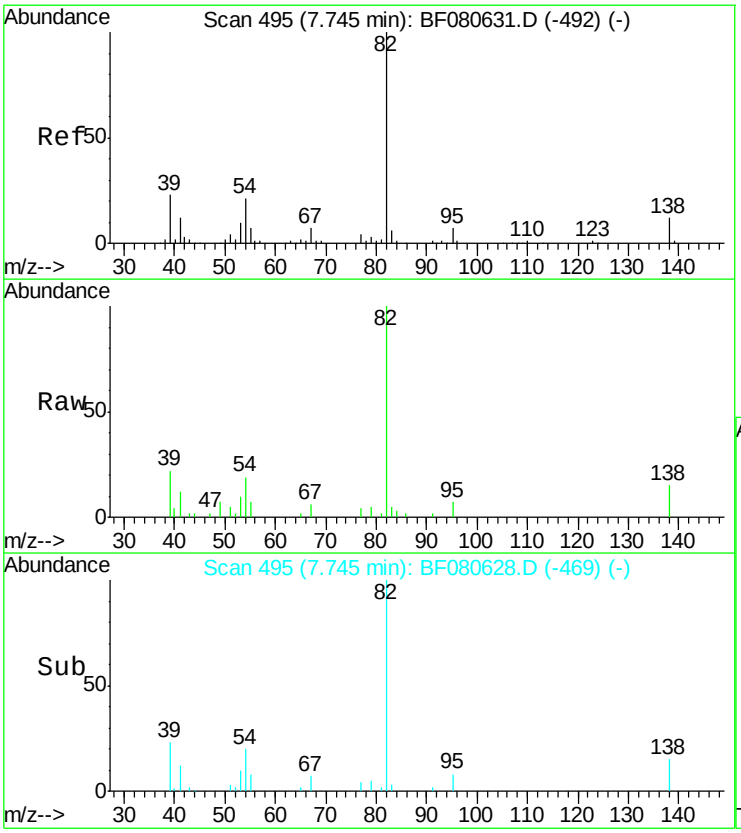
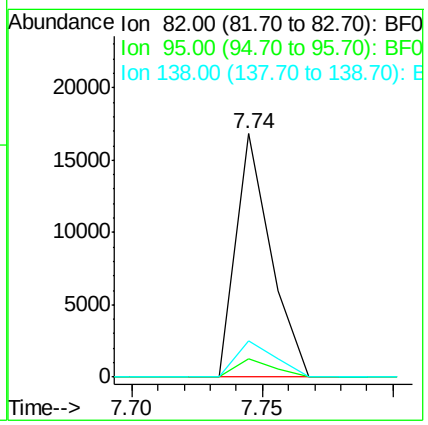
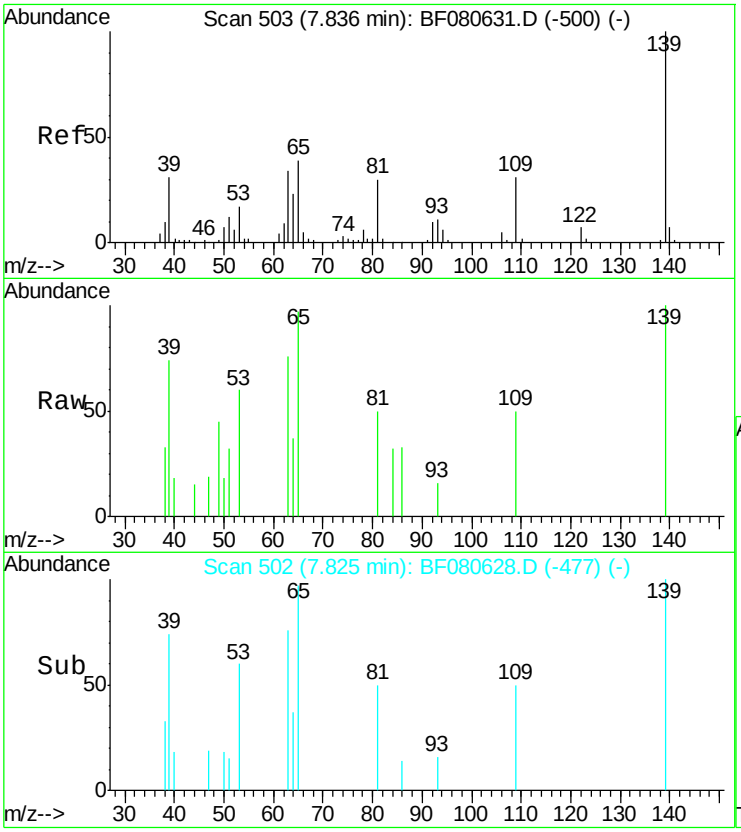


#25
Isophorone
Concen: 2.72 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 82 Resp: 15621

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.5	8.3
138	14.6	9.7	14.5#

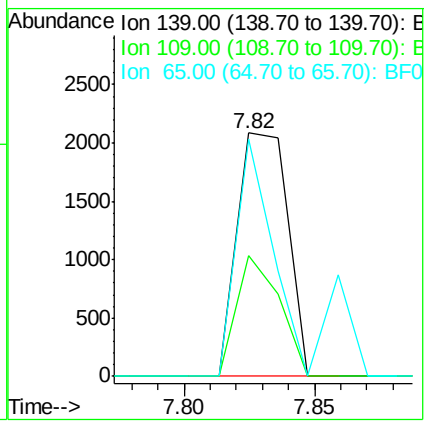




#26
2-Nitrophenol
Concen: 2.37 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:139 Resp: 2836

Ion	Ratio	Lower	Upper
139	100		
109	49.7	25.0	37.6#
65	97.3	31.4	47.0#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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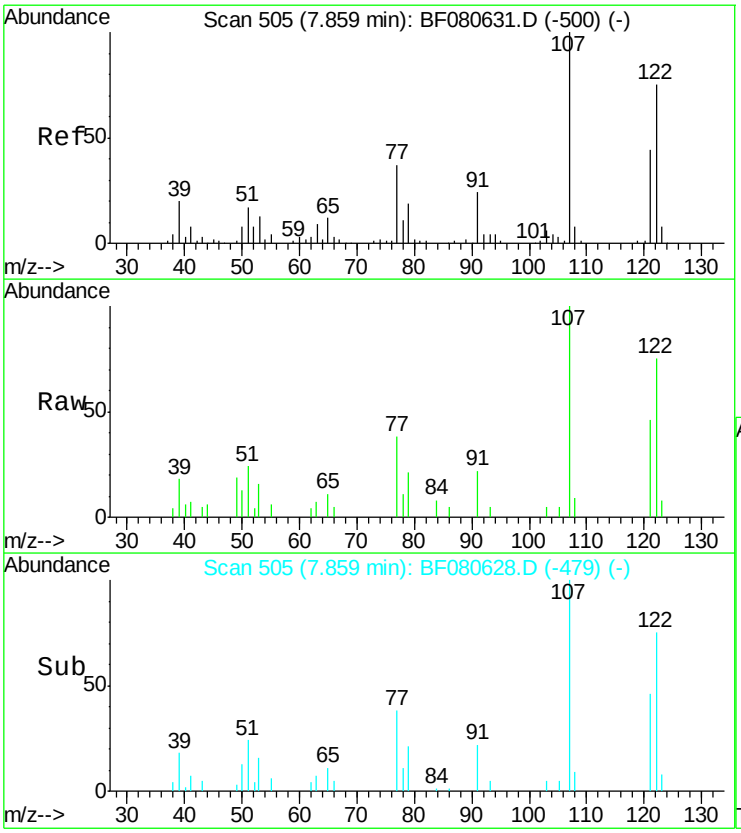
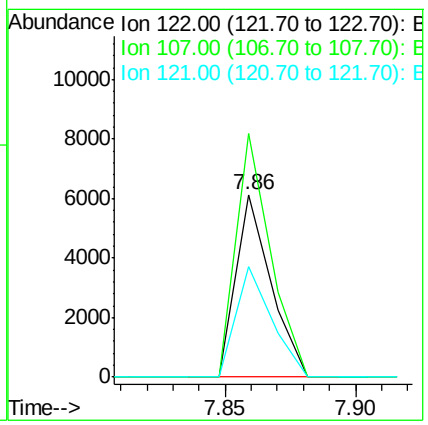
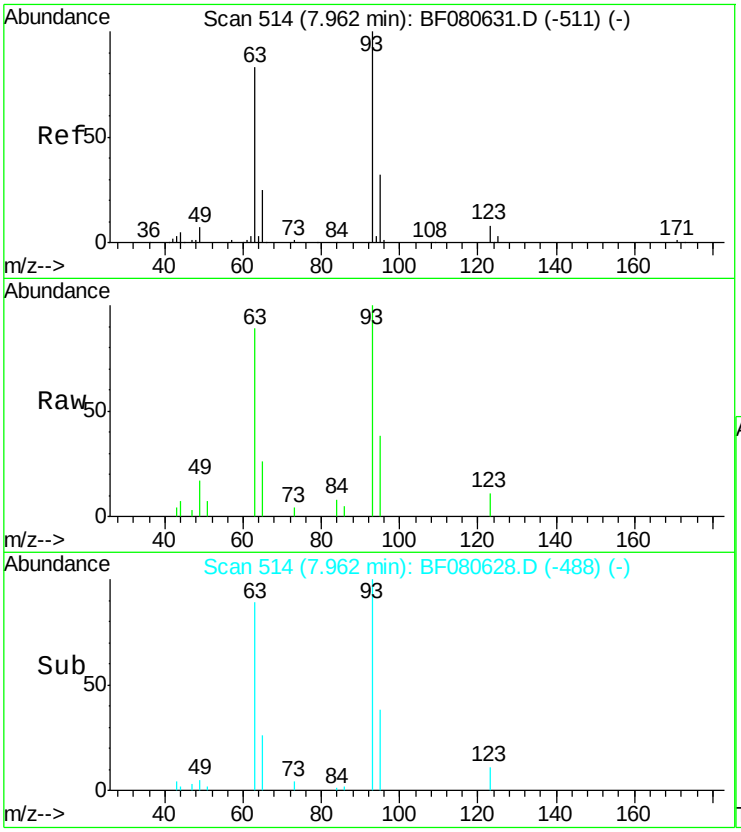


#27
2,4-Dimethylphenol
Concen: 2.23 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:122 Resp: 5758

Ion	Ratio	Lower	Upper
122	100		
107	133.3	107.4	161.0
121	60.8	46.8	70.2





#28
bis(2-Chloroethoxy)methane
Concen: 2.77 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Instrument :
BNA_F
ClientSampleId :
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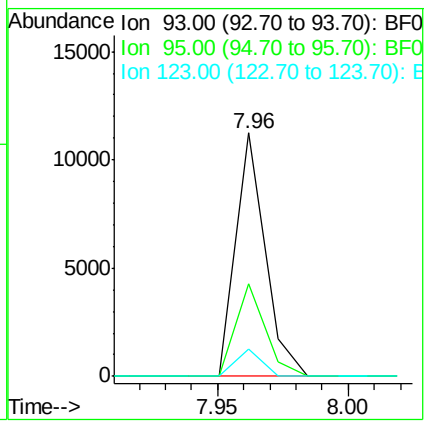
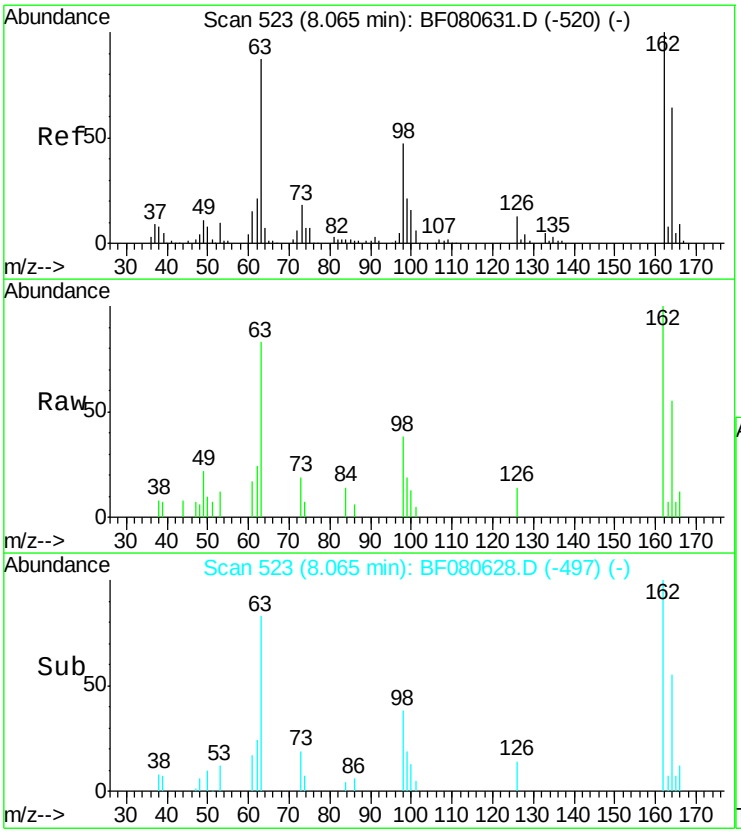
Tgt Ion: 93 Resp: 8902

Ion	Ratio	Lower	Upper
93	100		
95	38.1	25.4	38.0#
123	11.4	7.2	10.8#

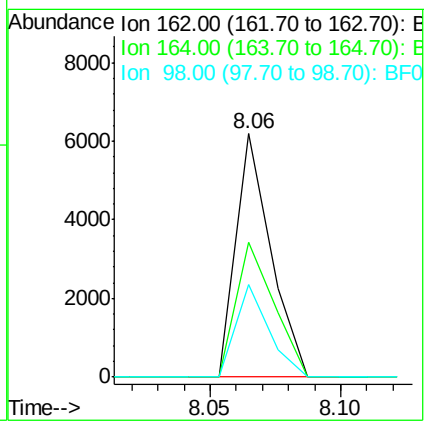


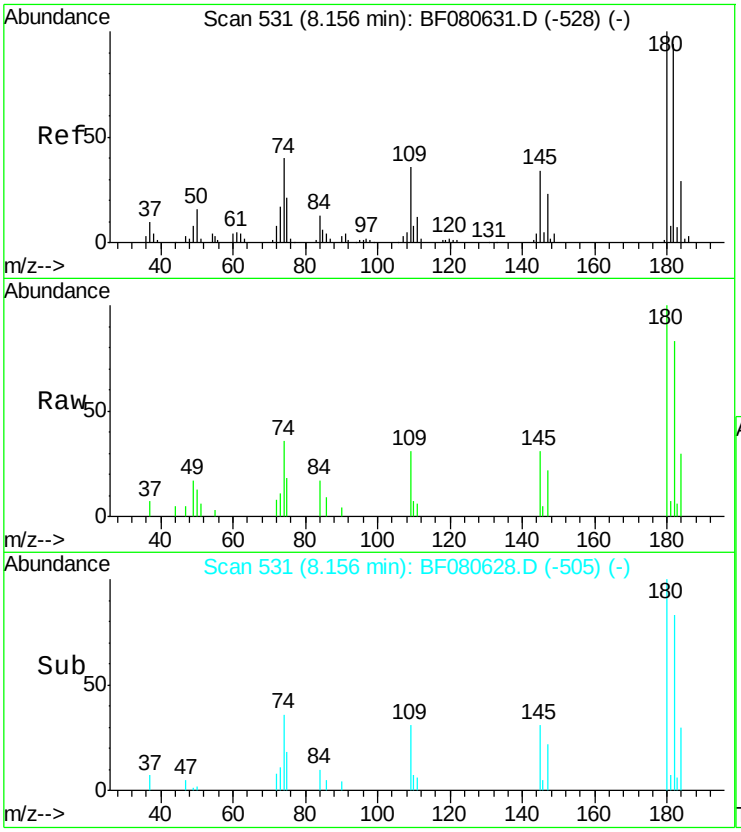


#29
2,4-Dichlorophenol
Concen: 2.65 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:162 Resp: 5805

Ion	Ratio	Lower	Upper
162	100		
164	55.1	43.9	83.9
98	38.2	26.5	66.5

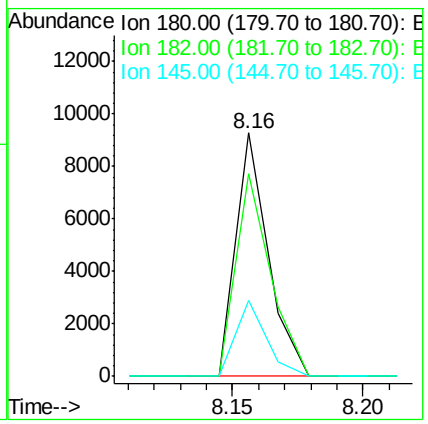




#30
1,2,4-Trichlorobenzene
Concen: 2.87 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:180 Resp: 8002

Ion	Ratio	Lower	Upper
180	100		
182	83.2	75.5	113.3
145	36.2	27.1	40.7



Instrument :
BNA_F
ClientSampleId :
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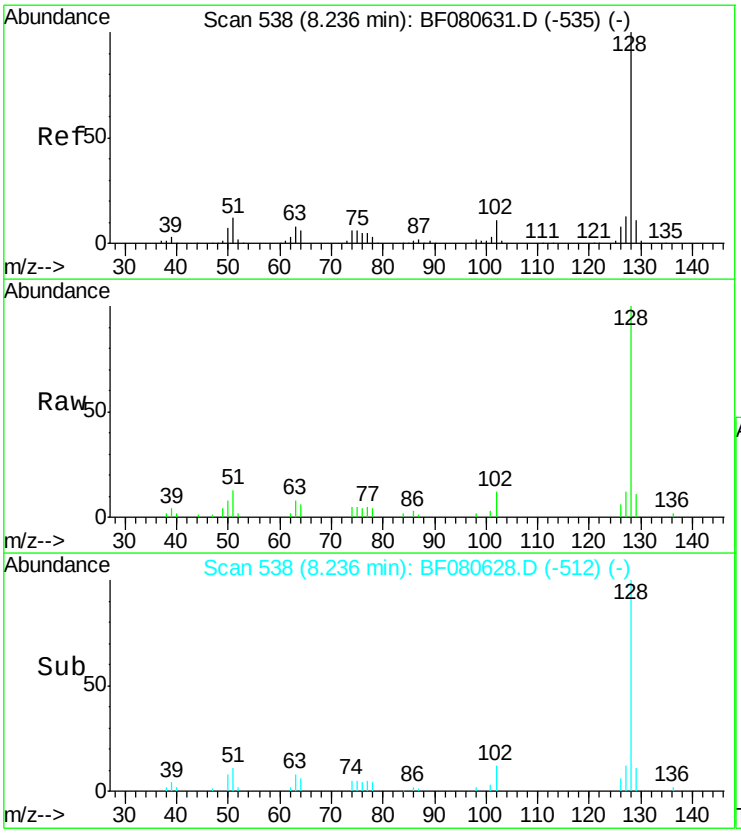
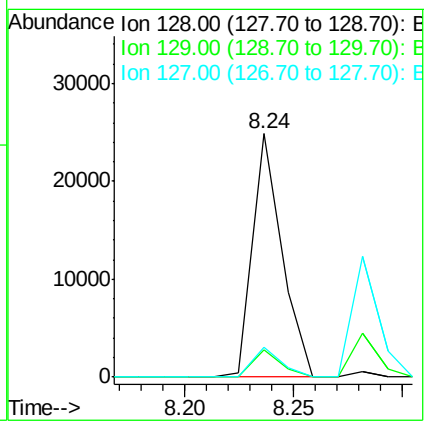
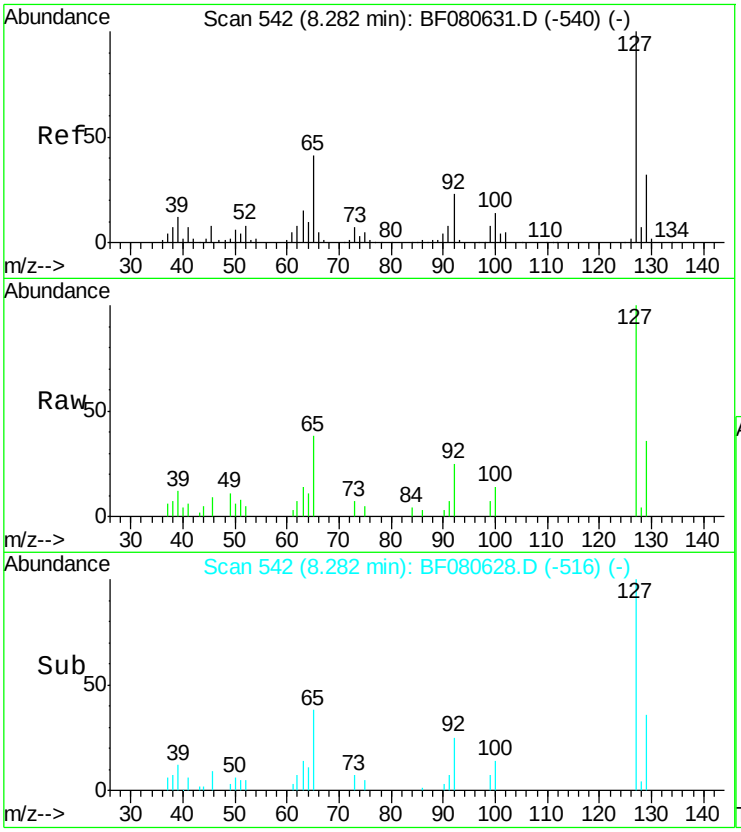


#31
Naphthalene
Concen: 2.66 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:128 Resp: 23311

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.2	10.6	15.8

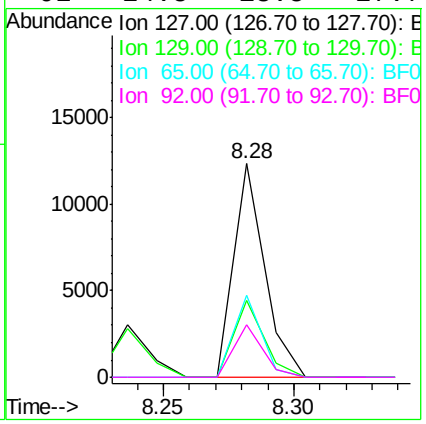




#33
4-Chloroaniline
Concen: 2.95 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:127 Resp: 10255

Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.6
65	38.3	32.5	48.7
92	24.5	18.5	27.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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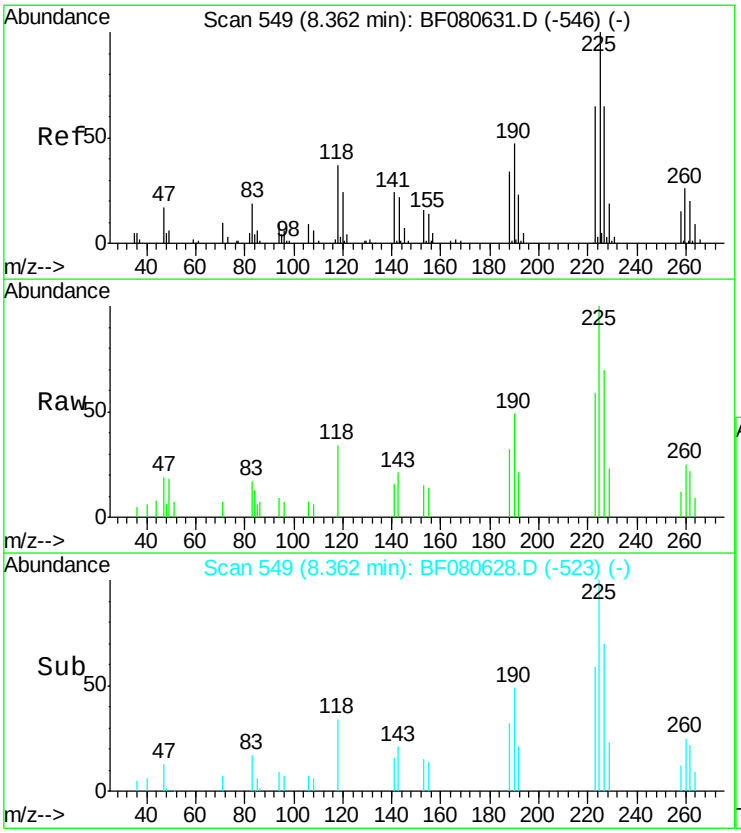
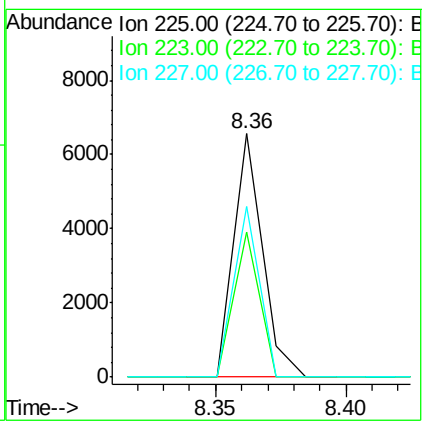
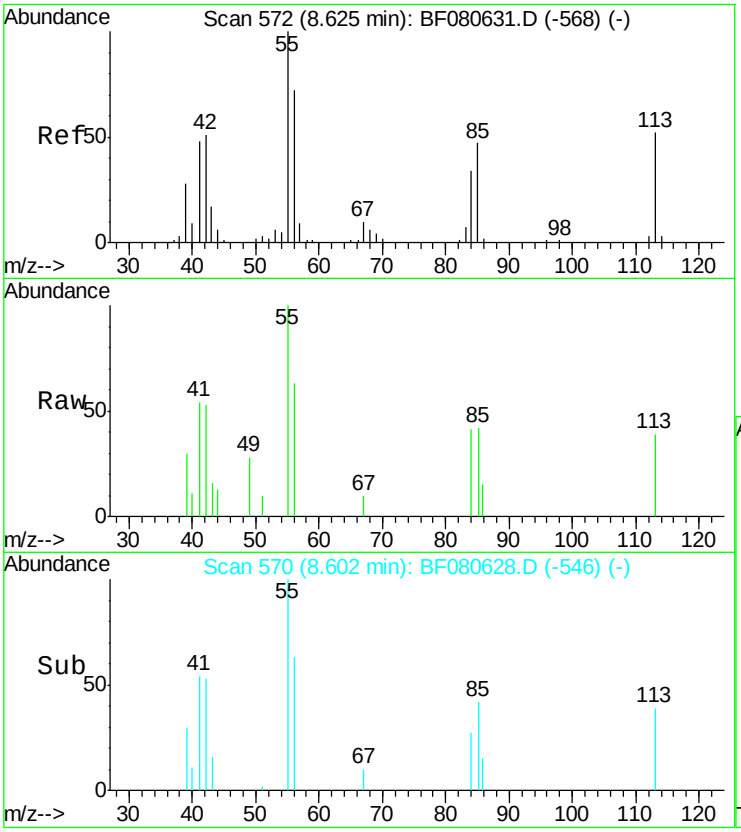


#34
Hexachlorobutadiene
Concen: 3.03 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:225 Resp: 5078

Ion	Ratio	Lower	Upper
225	100		
223	59.4	51.9	77.9
227	69.9	51.6	77.4

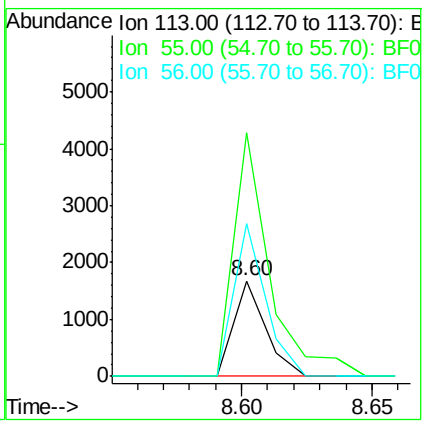




#35
Caprolactam
Concen: 2.46 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:113 Resp: 1442

Ion	Ratio	Lower	Upper
113	100		
55	255.0	170.7	210.7#
56	160.5	118.2	158.2#



Instrument :
BNA_F
ClientSampleId :
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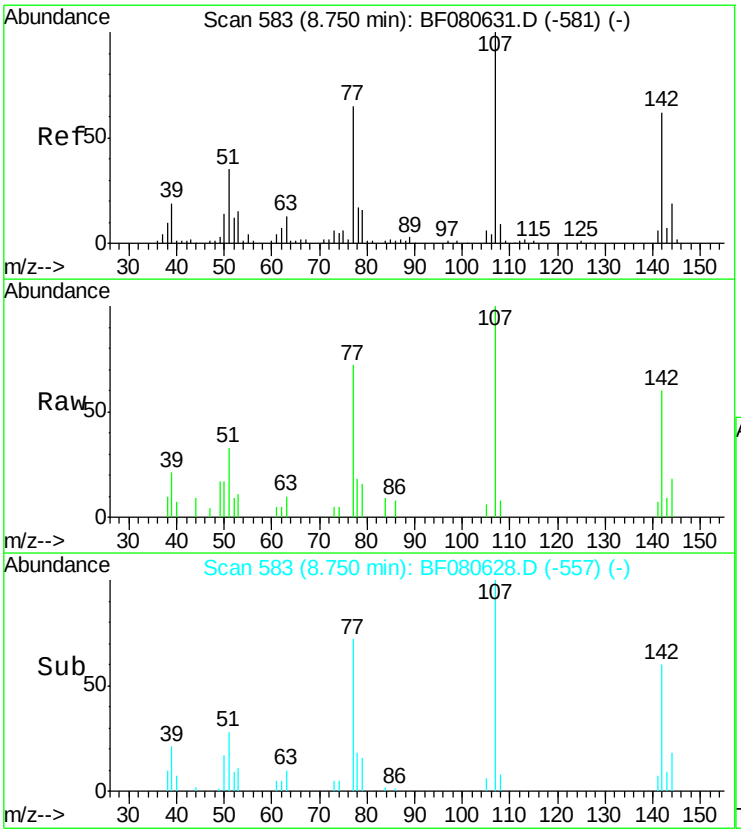
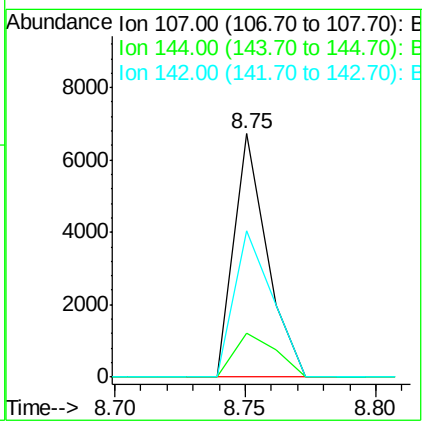
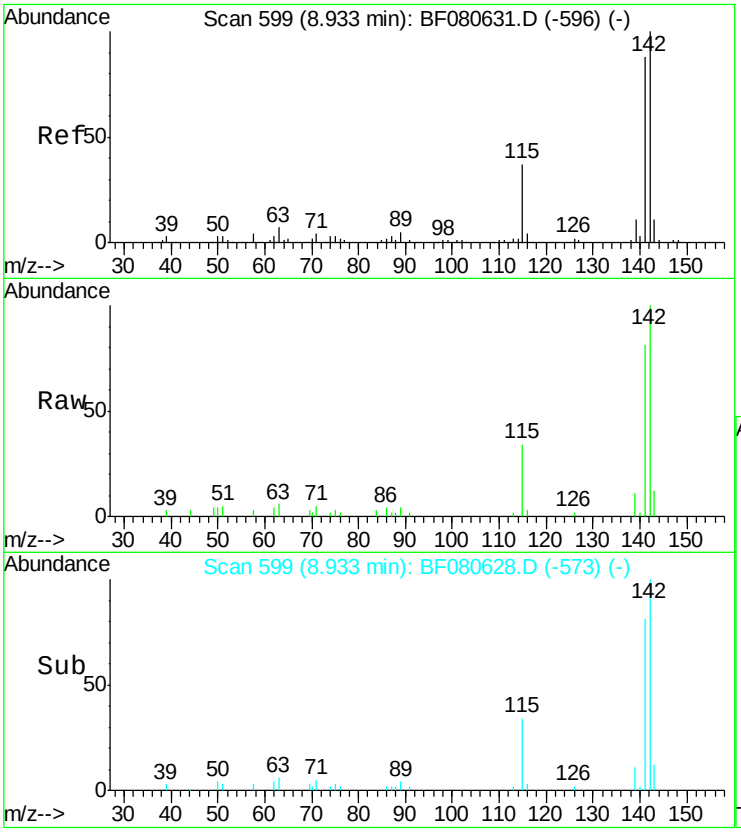


#36
4-Chloro-3-methylphenol
Concen: 2.38 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:107 Resp: 5981

Ion	Ratio	Lower	Upper
107	100		
144	18.2	15.0	22.6
142	60.2	49.5	74.3

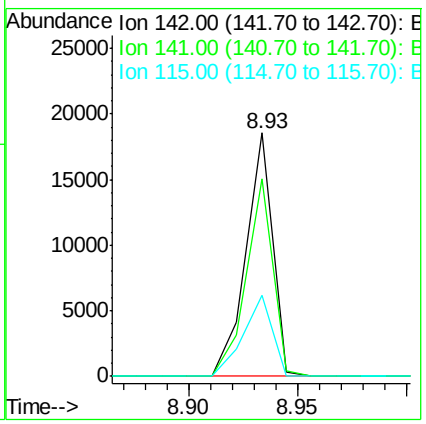




#37
2-Methylnaphthalene
Concen: 3.09 ng
RT: 8.93 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:142 Resp: 15759

Ion	Ratio	Lower	Upper
142	100		
141	81.0	70.7	106.1
115	33.5	29.3	43.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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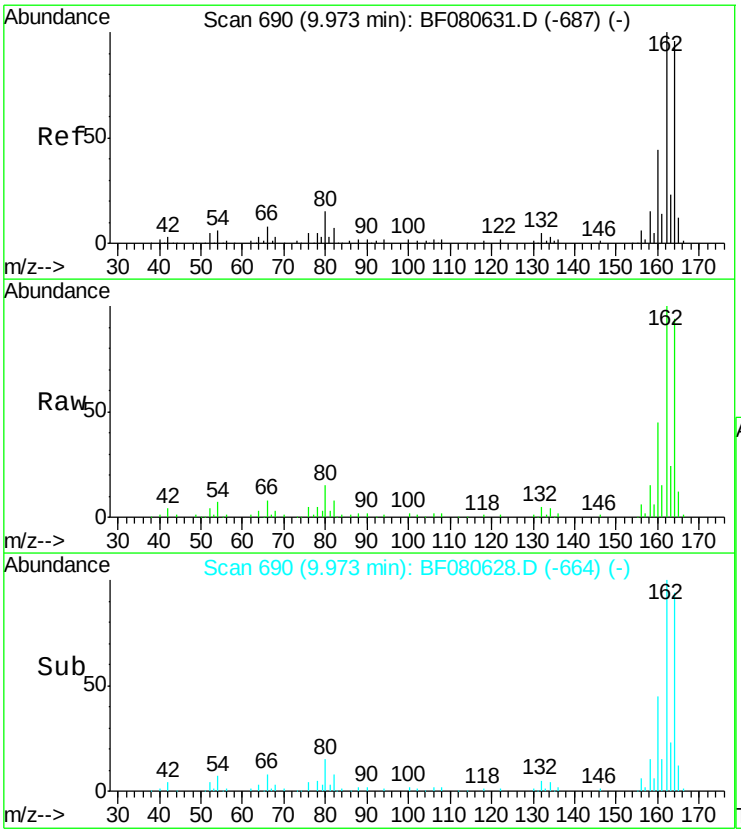
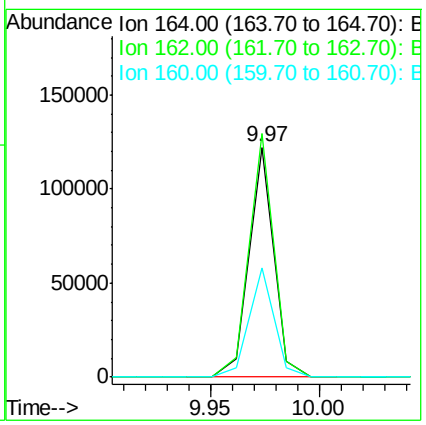
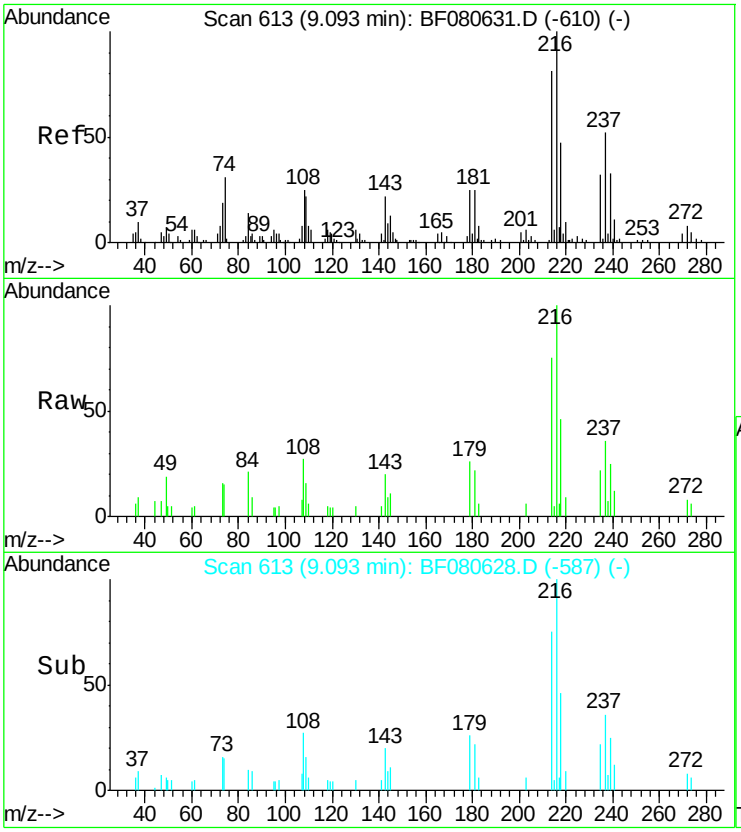


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:164 Resp: 96314

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.3	124.9
160	47.3	36.9	55.3

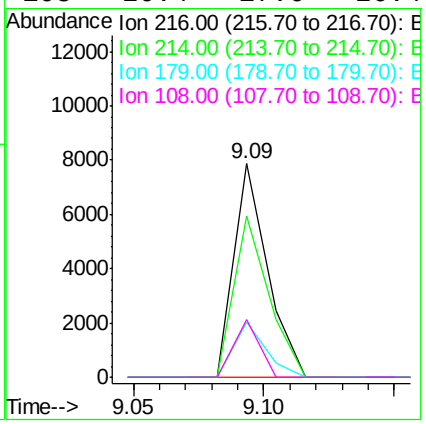




#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.23 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:216 Resp: 7067

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.5	93.7
179	24.9	18.7	28.1
108	20.4	17.6	26.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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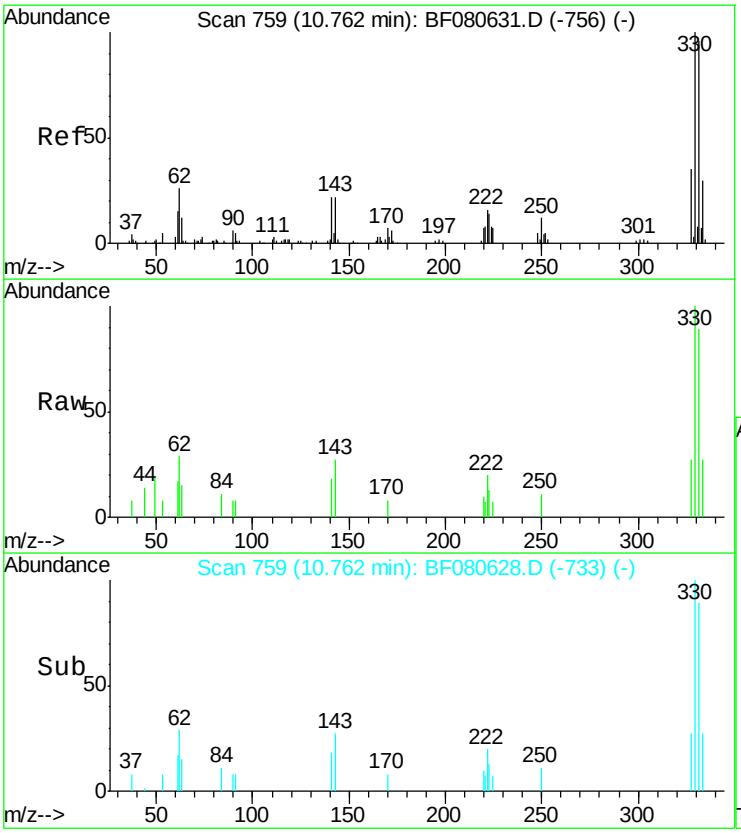
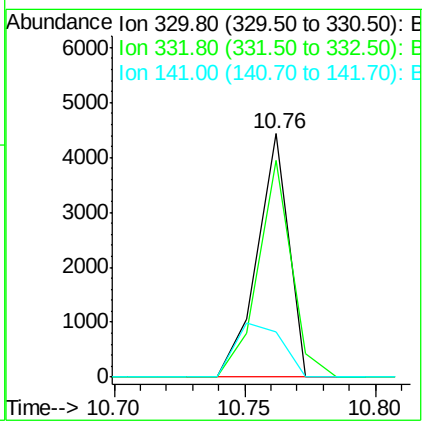
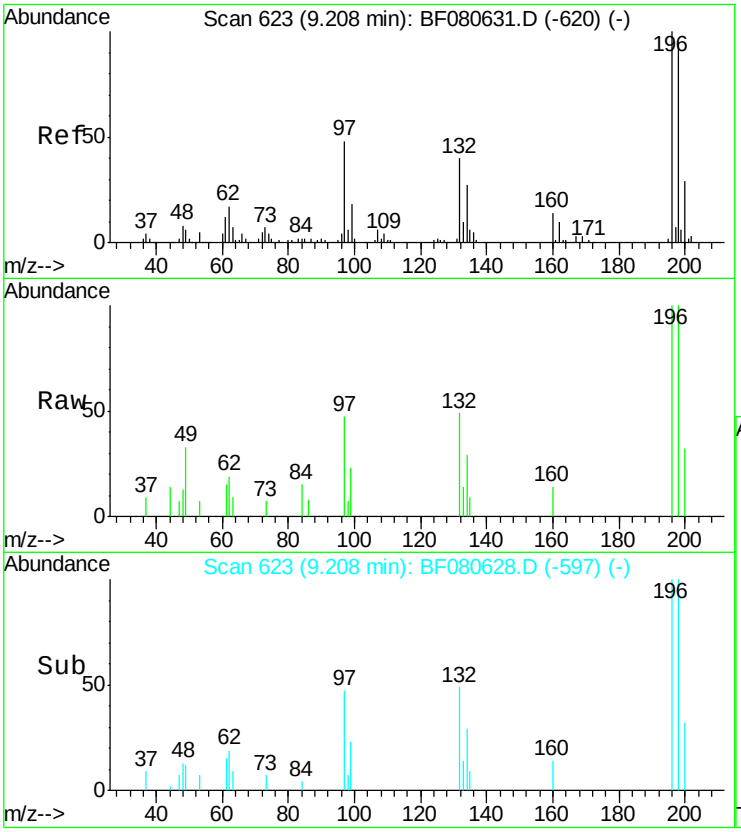


#41
2,4,6-Tribromophenol
Concen: 4.82 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:330 Resp: 3763

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.7	115.1
141	33.0	32.7	49.1

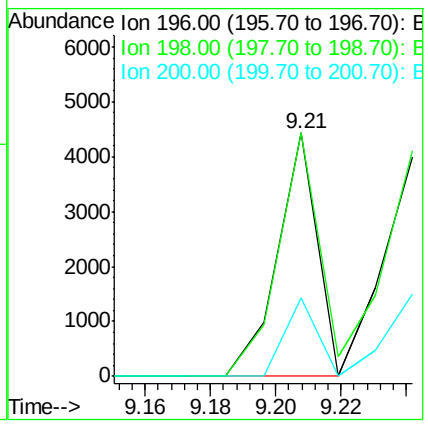




#42
2,4,6-Trichlorophenol
Concen: 2.02 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:196 Resp: 3716

Ion	Ratio	Lower	Upper
196	100		
198	100.1	75.8	113.8
200	32.1	23.5	35.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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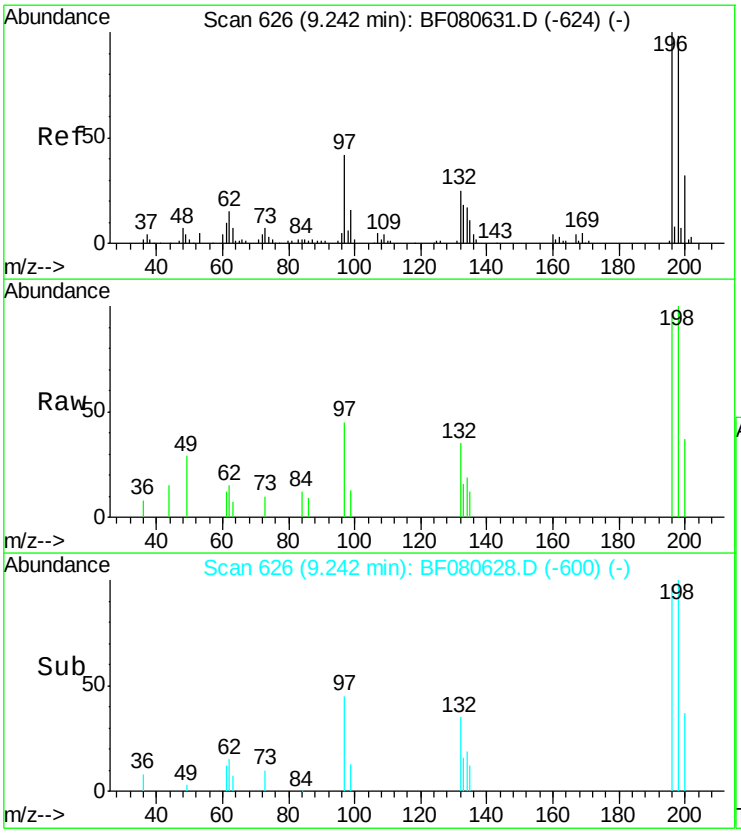
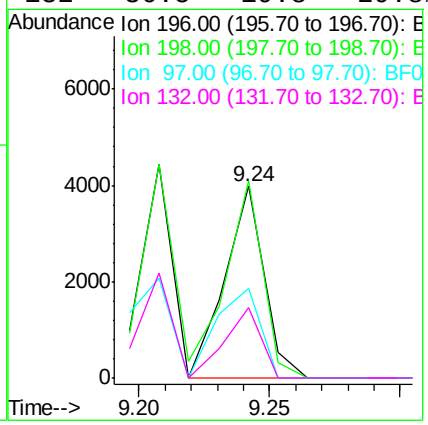
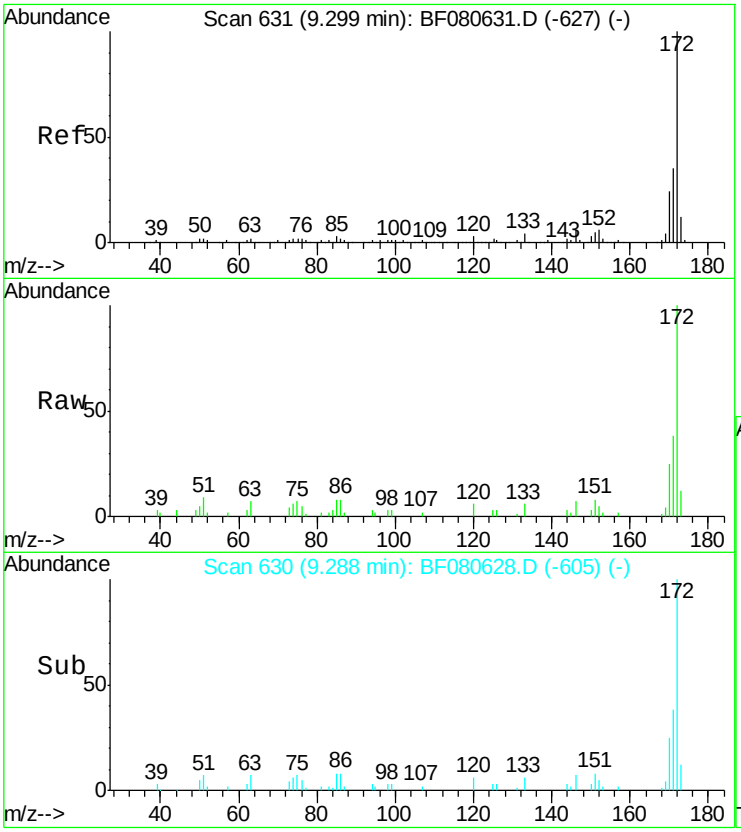


#43
2,4,5-Trichlorophenol
Concen: 2.26 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:196 Resp: 4204

Ion	Ratio	Lower	Upper
196	100		
198	103.0	78.3	117.5
97	46.7	33.1	49.7
132	36.5	19.8	29.8#

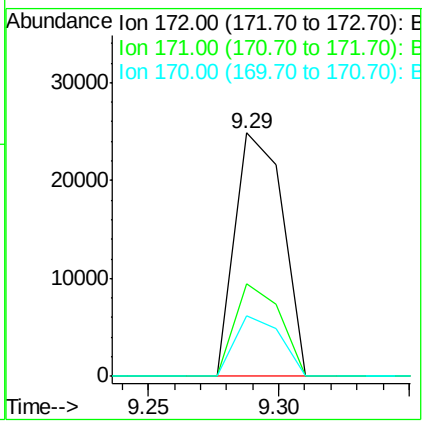




#44
2-Fluorobiphenyl
Concen: 4.88 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:172 Resp: 31854

Ion	Ratio	Lower	Upper
172	100		
171	37.8	27.7	41.5
170	24.9	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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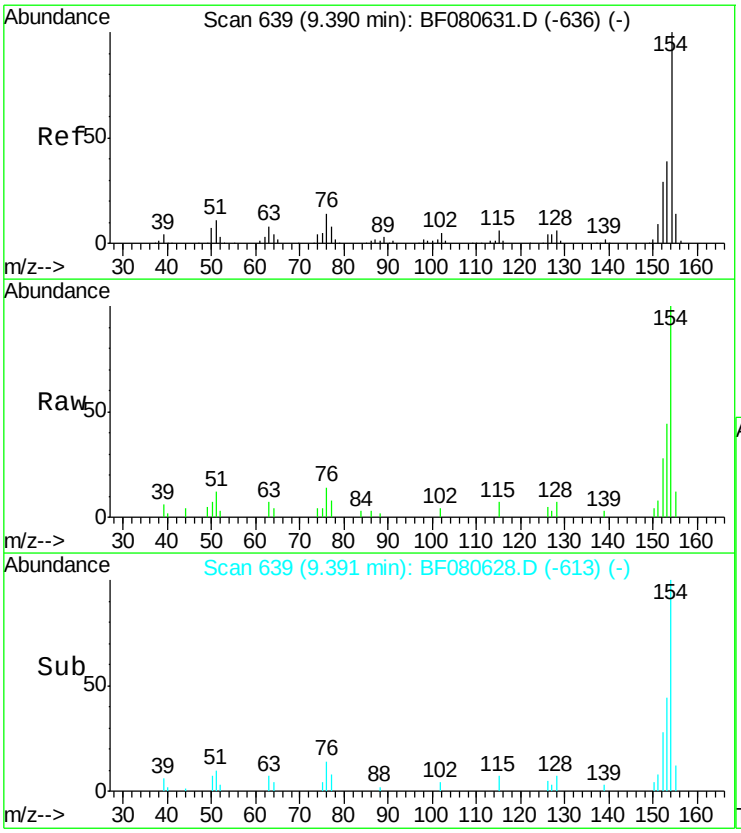
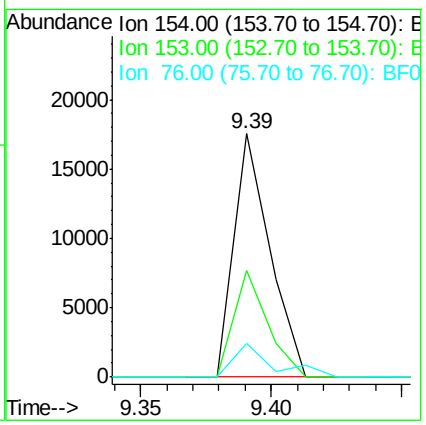
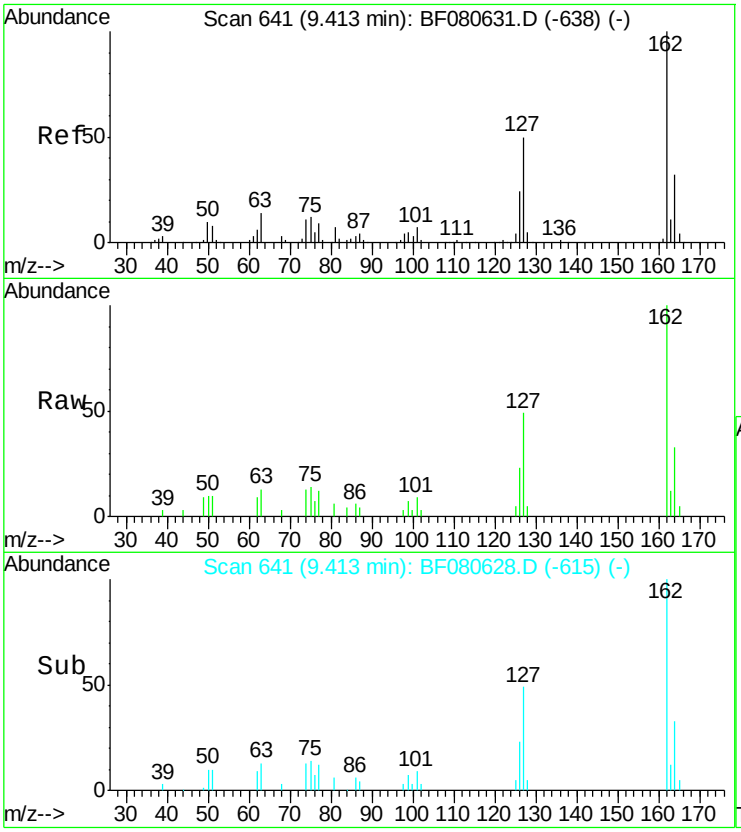


#45
1,1'-Biphenyl
Concen: 2.20 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:154 Resp: 16839

Ion	Ratio	Lower	Upper
154	100		
153	44.0	19.4	59.4
76	14.0	0.0	34.1

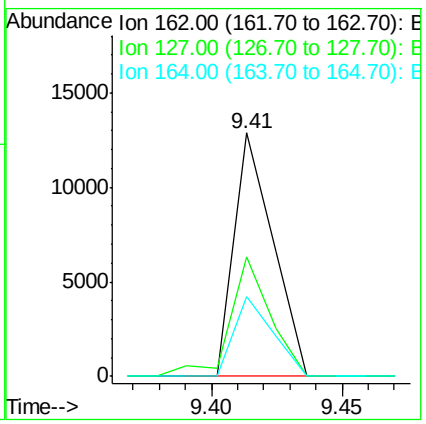




#46
2-Chloronaphthalene
Concen: 2.15 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:162 Resp: 13362

Ion	Ratio	Lower	Upper
162	100		
127	48.9	40.3	60.5
164	32.9	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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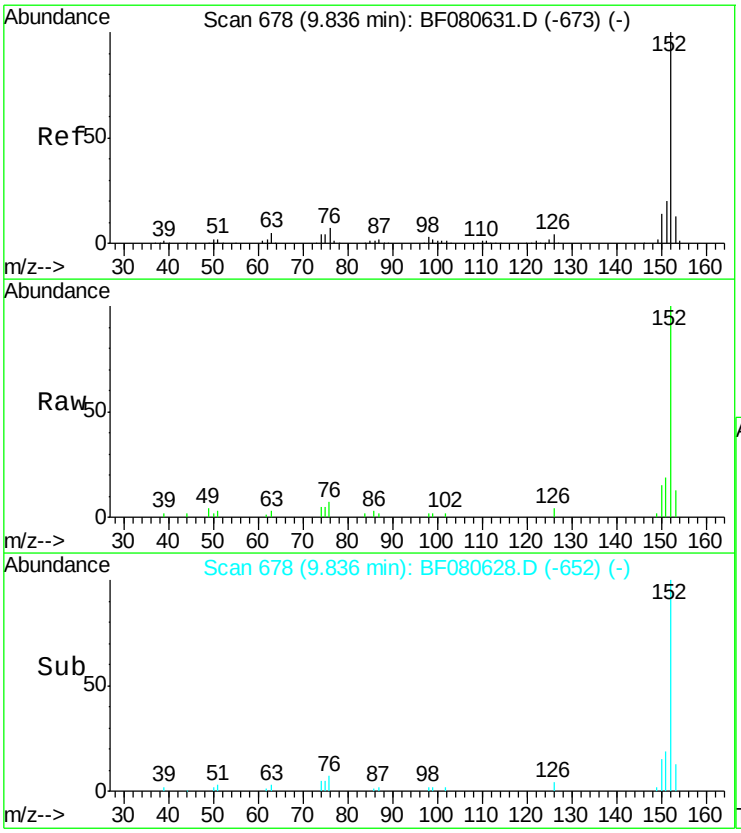
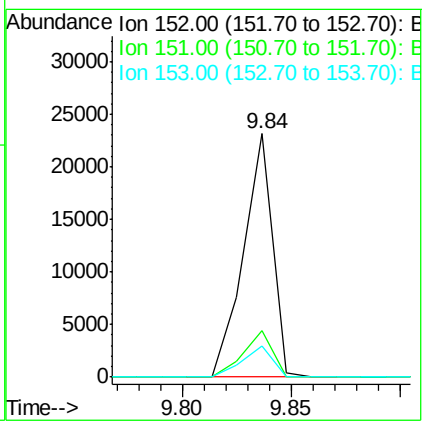
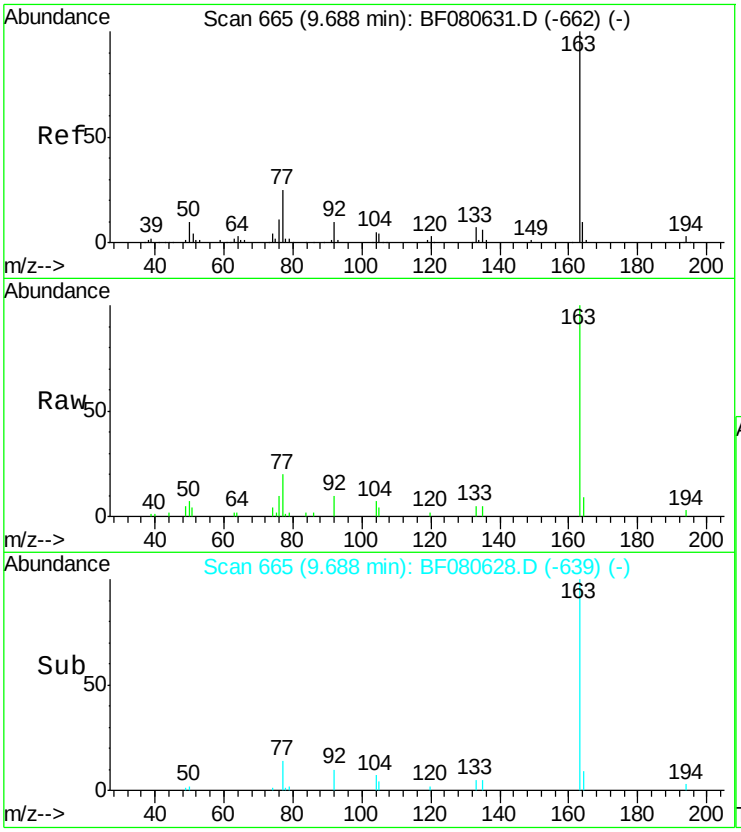


#48
Acenaphthylene
Concen: 2.27 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:152 Resp: 21372

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	12.7	10.2	15.4

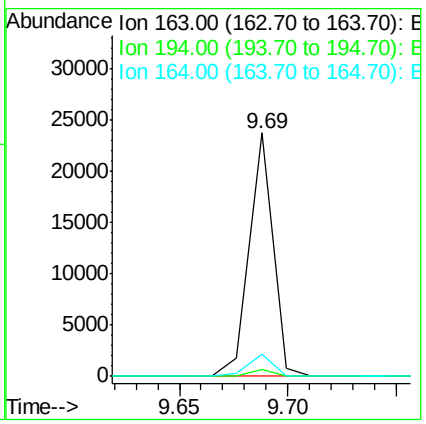




#49
Dimethylphthalate
Concen: 2.57 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:163 Resp: 17950

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.5	3.7
164	9.0	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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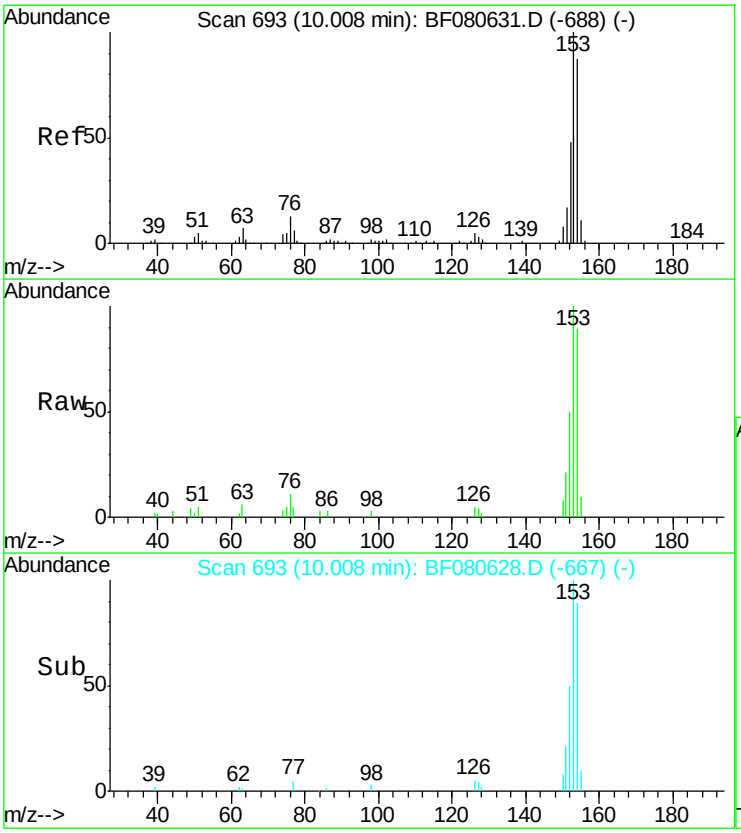
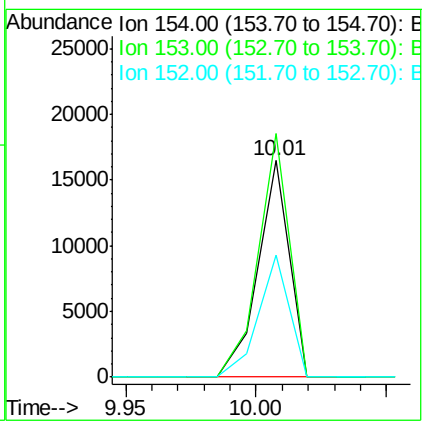
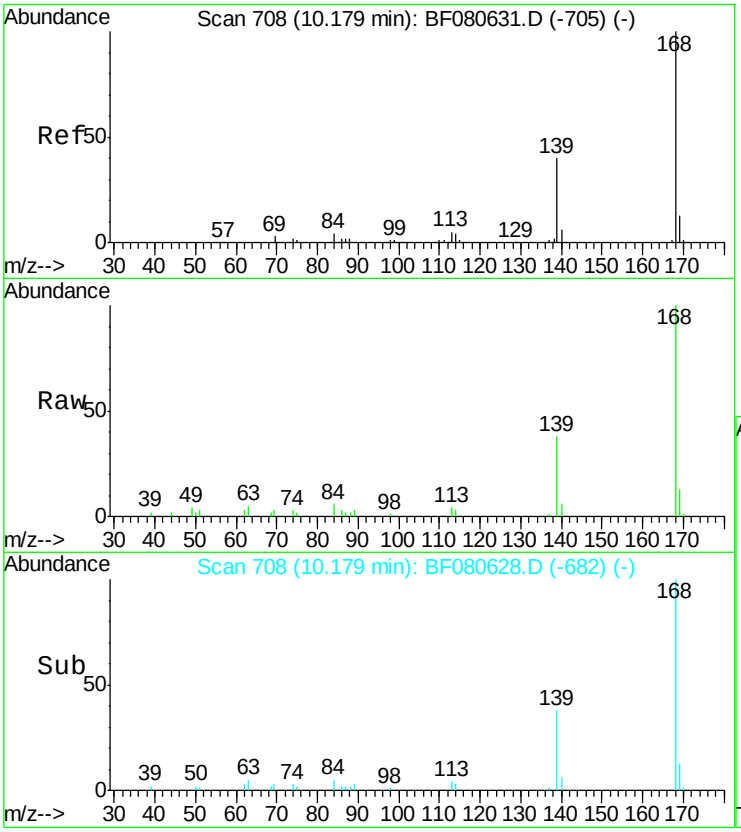


#51
Acenaphthene
Concen: 2.40 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:154 Resp: 13601

Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.6	137.4
152	56.5	44.0	66.0

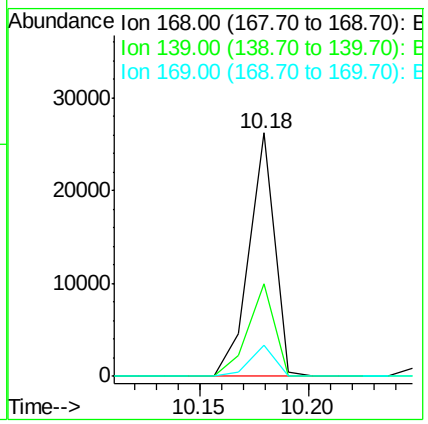




#54
Dibenzofuran
Concen: 2.65 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:168 Resp: 21475

Ion	Ratio	Lower	Upper
168	100		
139	38.1	32.2	48.4
169	12.5	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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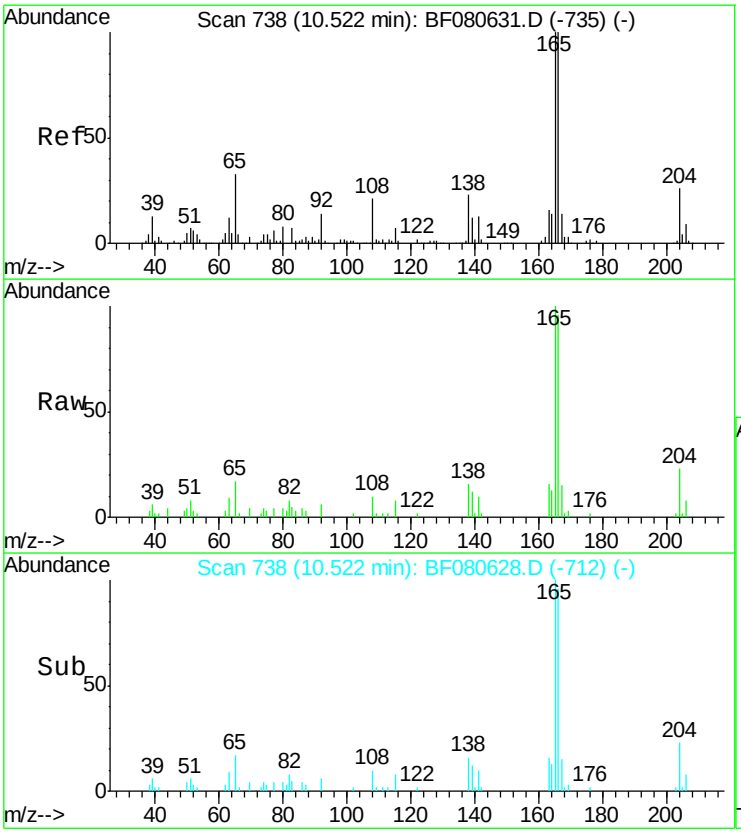
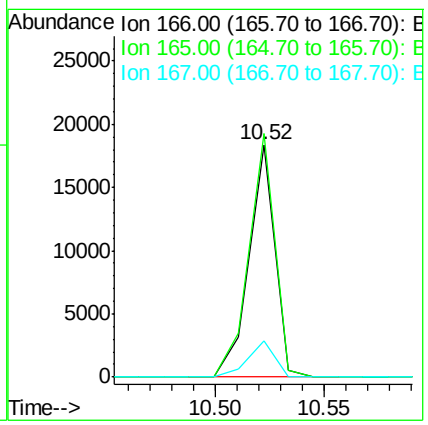
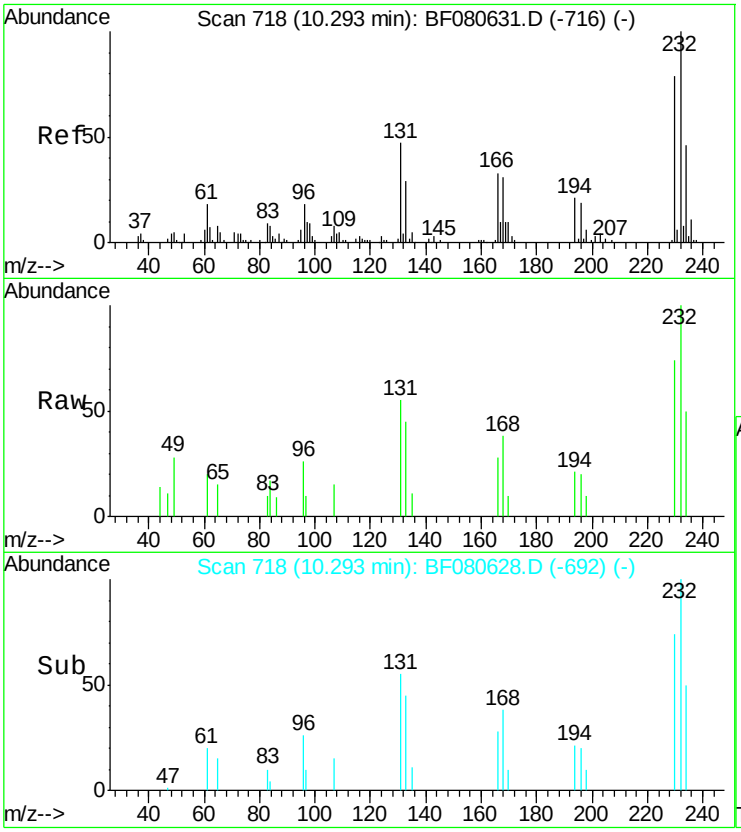


#57
Fluorene
Concen: 2.34 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:166 Resp: 15155

Ion	Ratio	Lower	Upper
166	100		
165	104.7	80.0	120.0
167	15.7	10.8	16.2

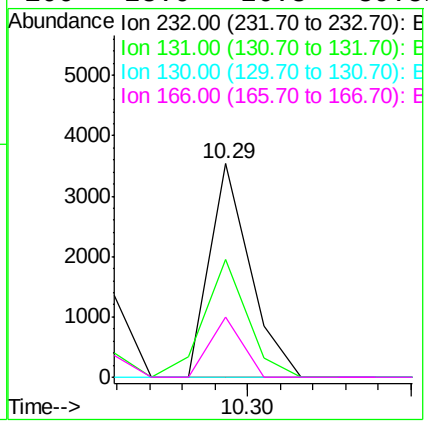




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.08 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:232 Resp: 3006

Ion	Ratio	Lower	Upper
232	100		
131	59.3	40.2	60.2
130	0.0	1.8	2.8#
166	23.0	26.3	39.5#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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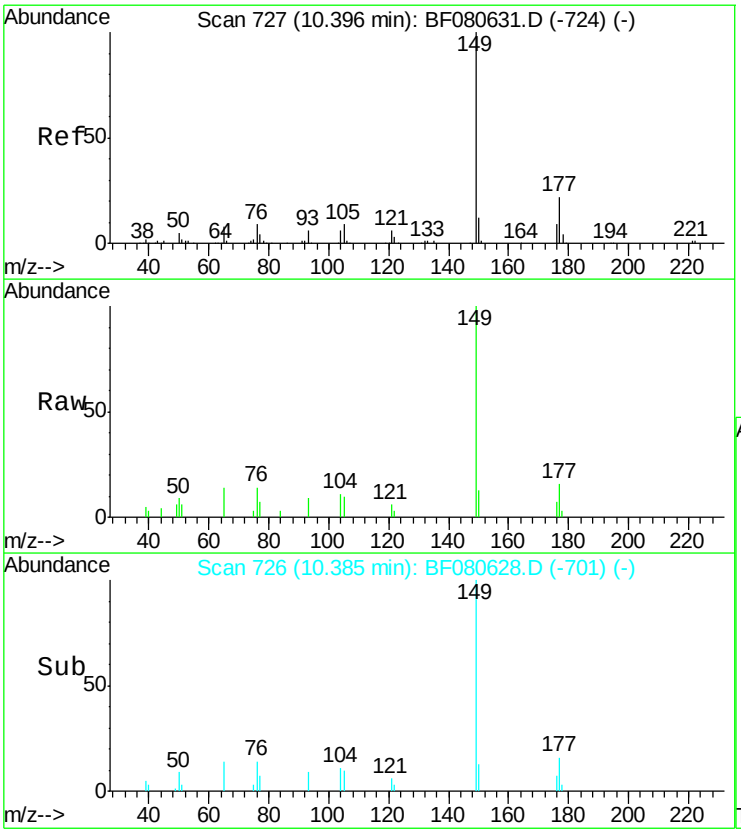
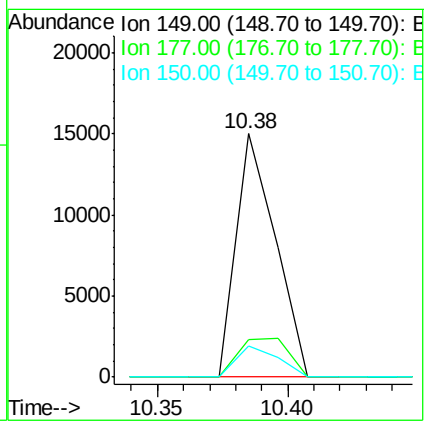
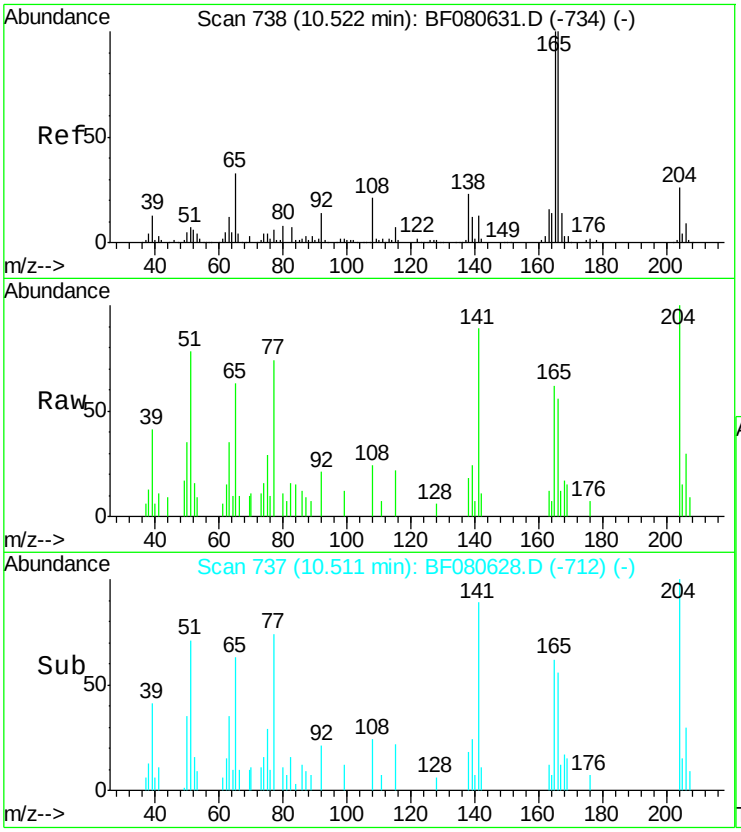


#59
Diethylphthalate
Concen: 2.35 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:149 Resp: 15764

Ion	Ratio	Lower	Upper
149	100		
177	15.5	17.8	26.8#
150	12.7	9.8	14.8

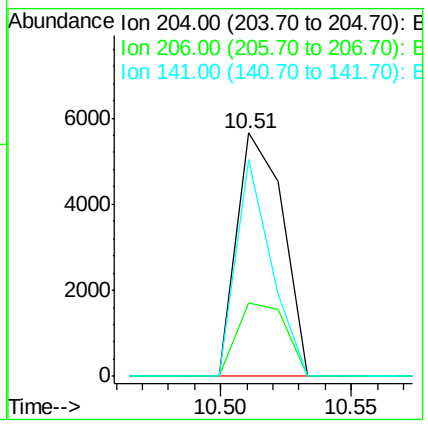




#60
4-Chlorophenyl-phenylether
Concen: 2.39 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:204 Resp: 6980

Ion	Ratio	Lower	Upper
204	100		
206	30.3	28.6	43.0
141	88.9	41.0	61.6#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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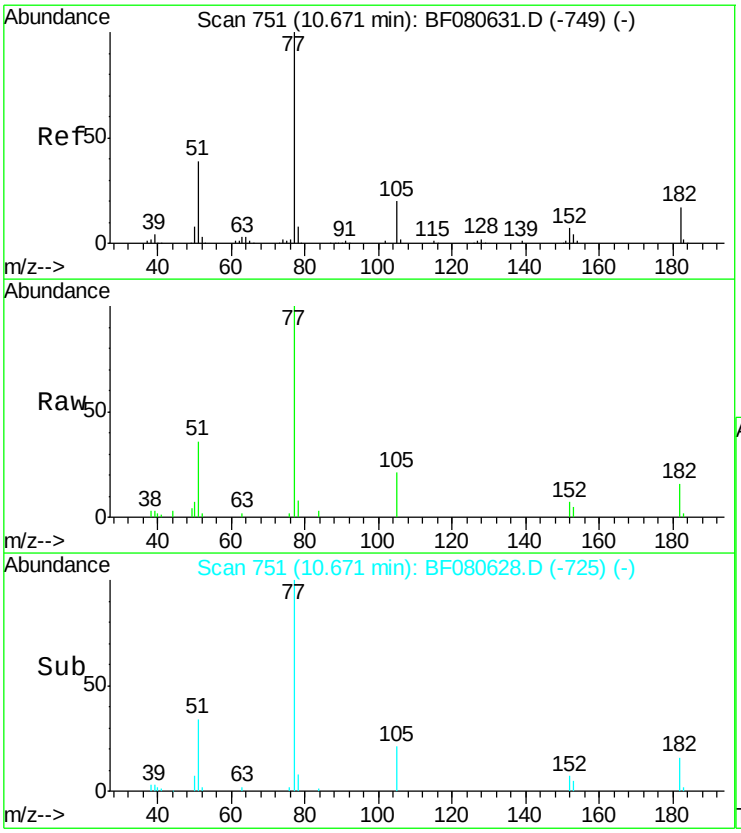
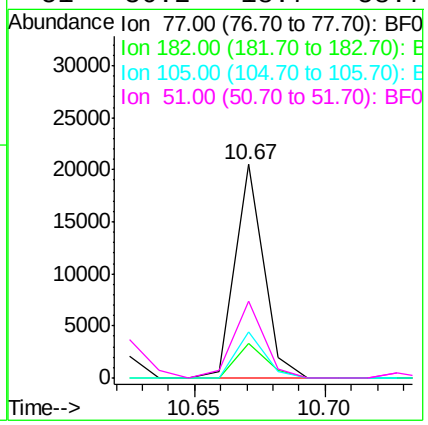
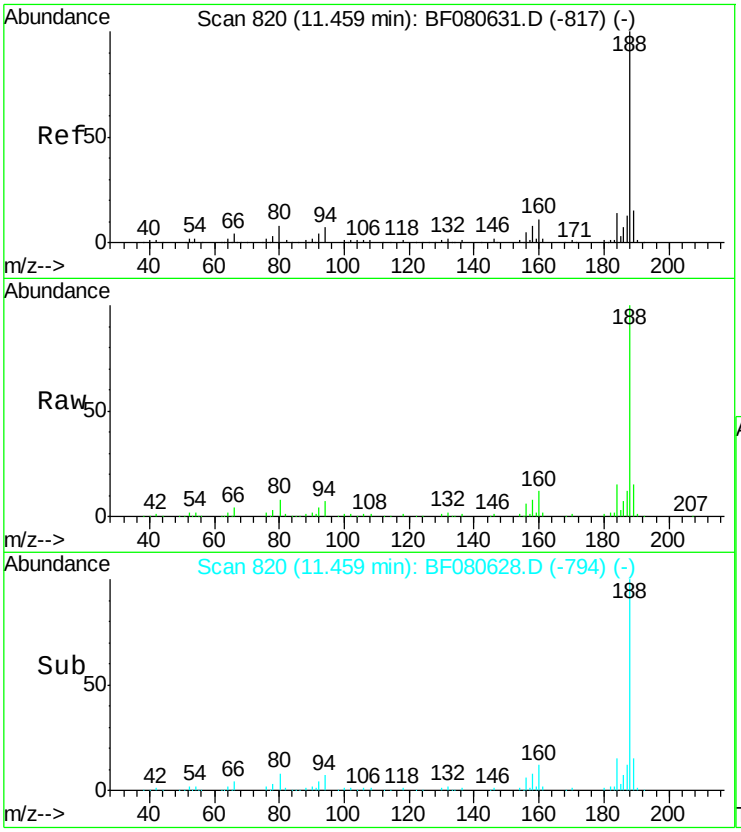


#62
Azobenzene
Concen: 2.33 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion: 77 Resp: 15867

Ion	Ratio	Lower	Upper
77	100		
182	15.9	0.0	36.7
105	21.5	0.0	39.6
51	36.2	18.7	58.7

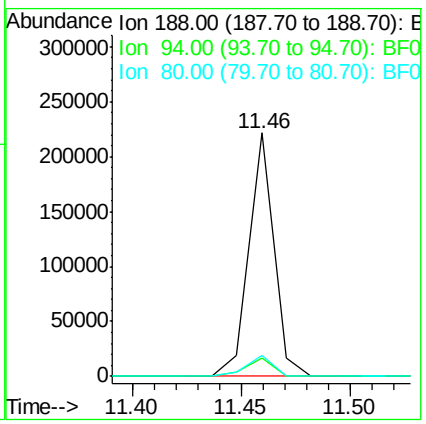




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:188 Resp: 176100

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.6	8.4
80	8.4	6.1	9.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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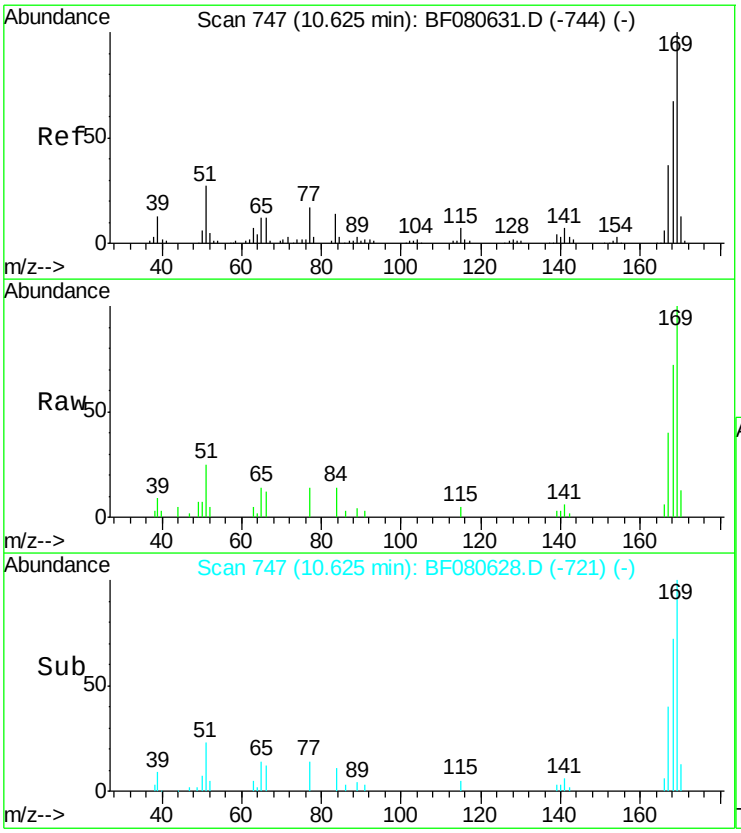
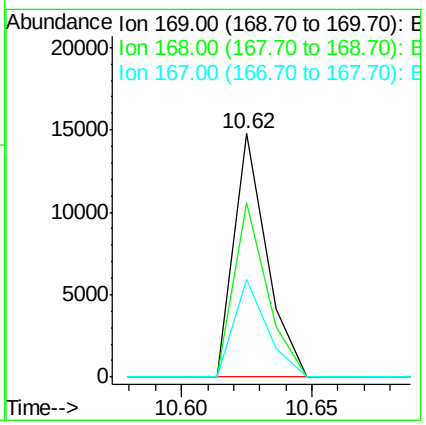
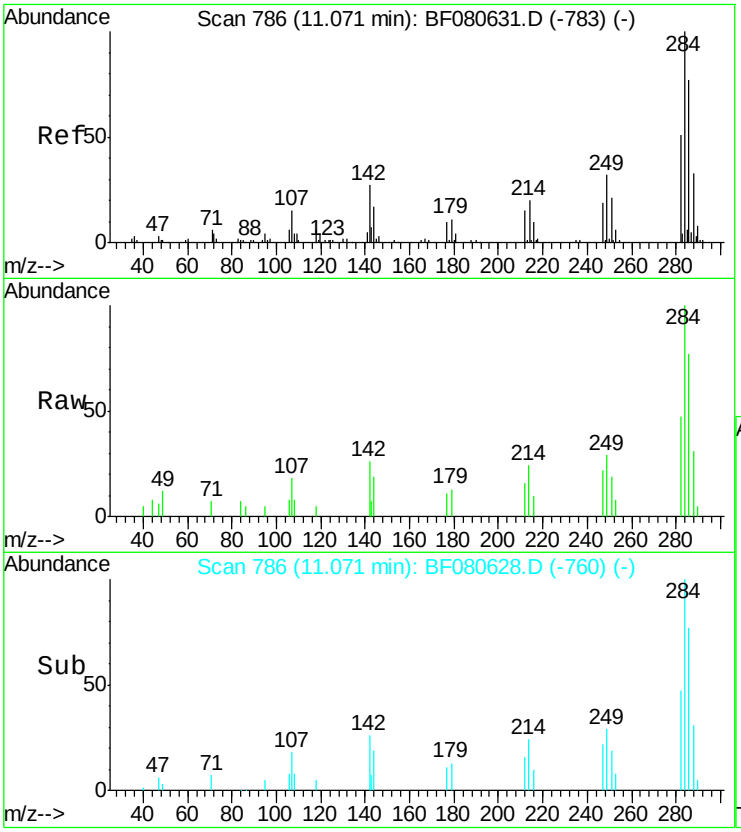


#65
n-Nitrosodiphenylamine
Concen: 2.28 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:169 Resp: 12962

Ion	Ratio	Lower	Upper
169	100		
168	71.8	53.4	80.2
167	40.2	29.4	44.0

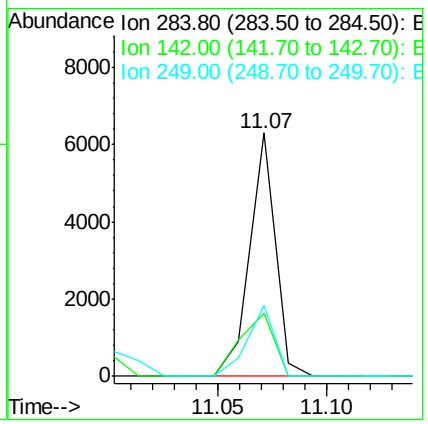




#67
Hexachlorobenzene
Concen: 2.55 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:284 Resp: 5179

Ion	Ratio	Lower	Upper
284	100		
142	25.7	21.2	31.8
249	29.0	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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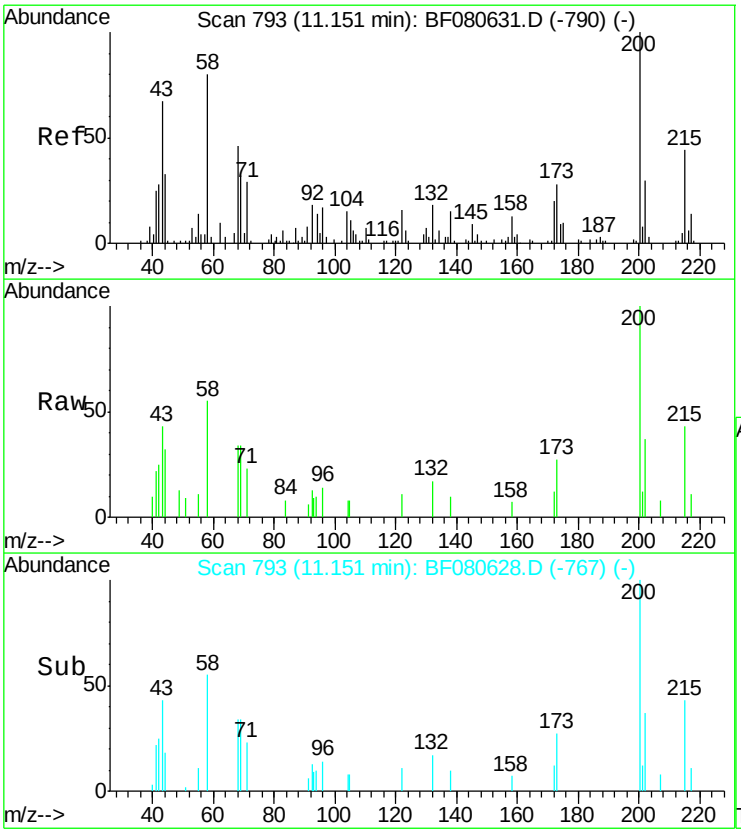
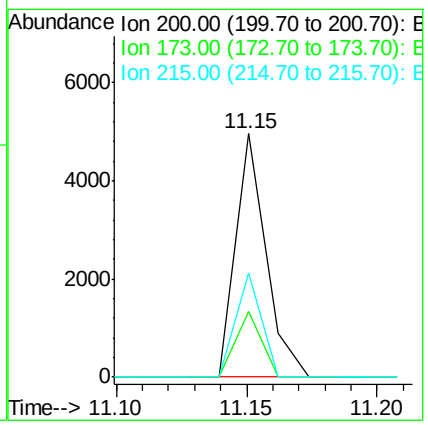
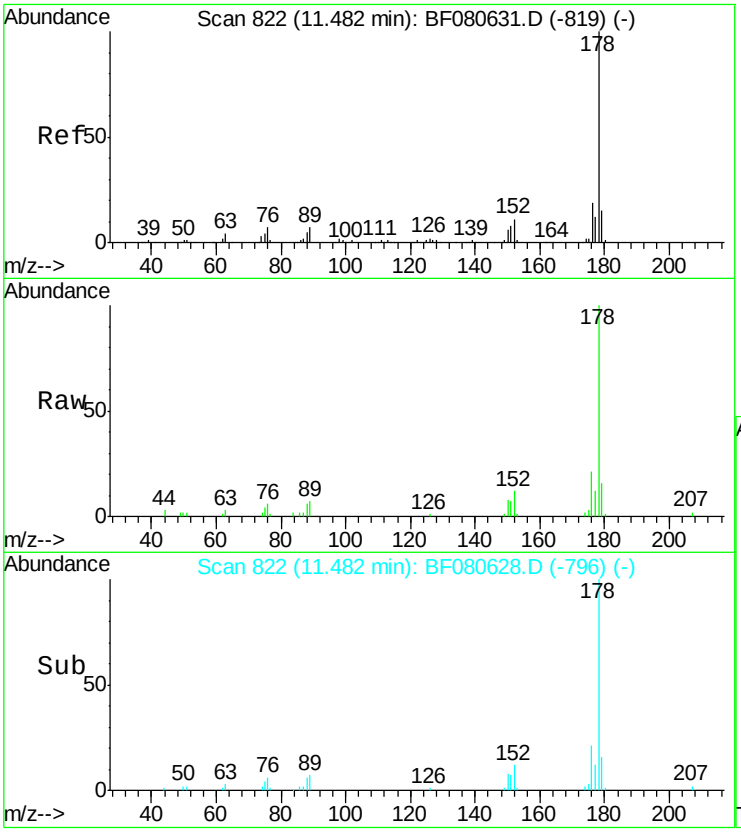


#68
Atrazine
Concen: 2.59 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:200 Resp: 4012

Ion	Ratio	Lower	Upper
200	100		
173	26.8	8.6	48.6
215	42.8	24.1	64.1

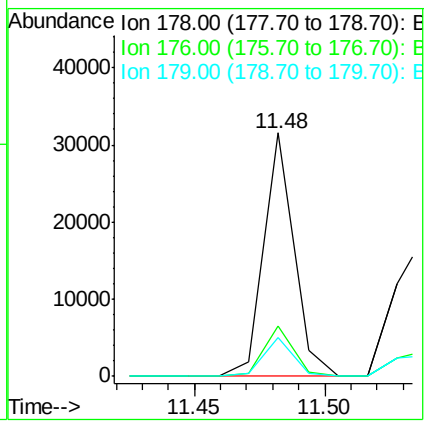




#70
Phenanthrene
Concen: 2.57 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:178 Resp: 25309

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.5	23.3
179	16.2	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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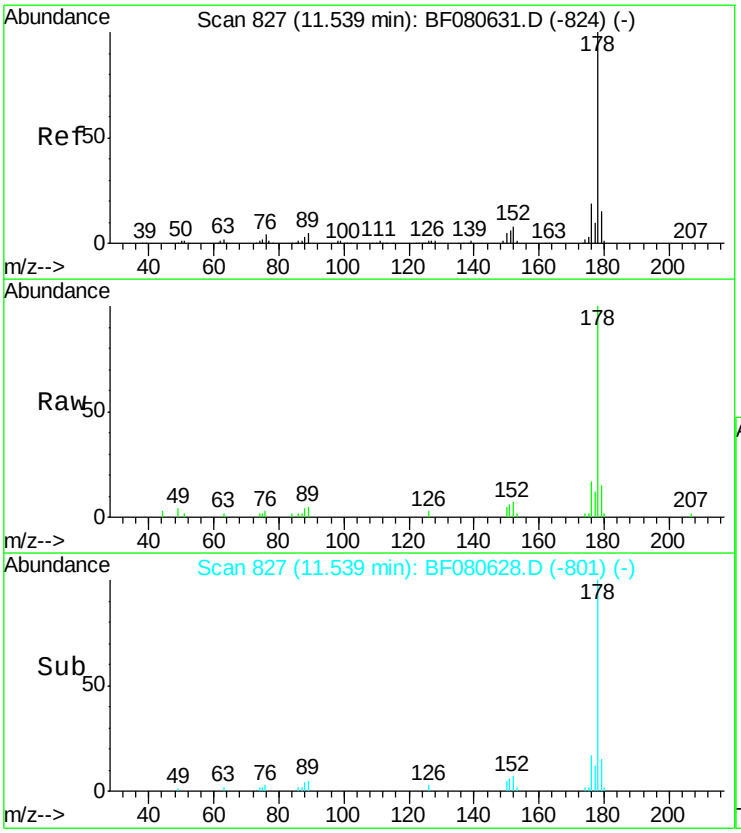
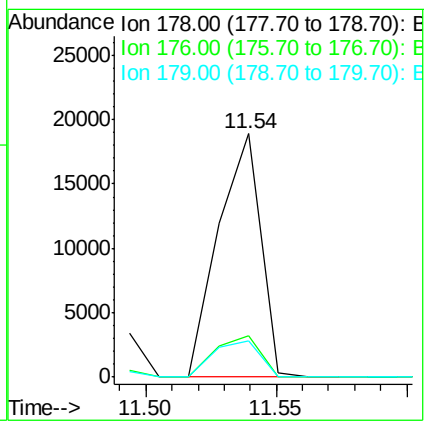
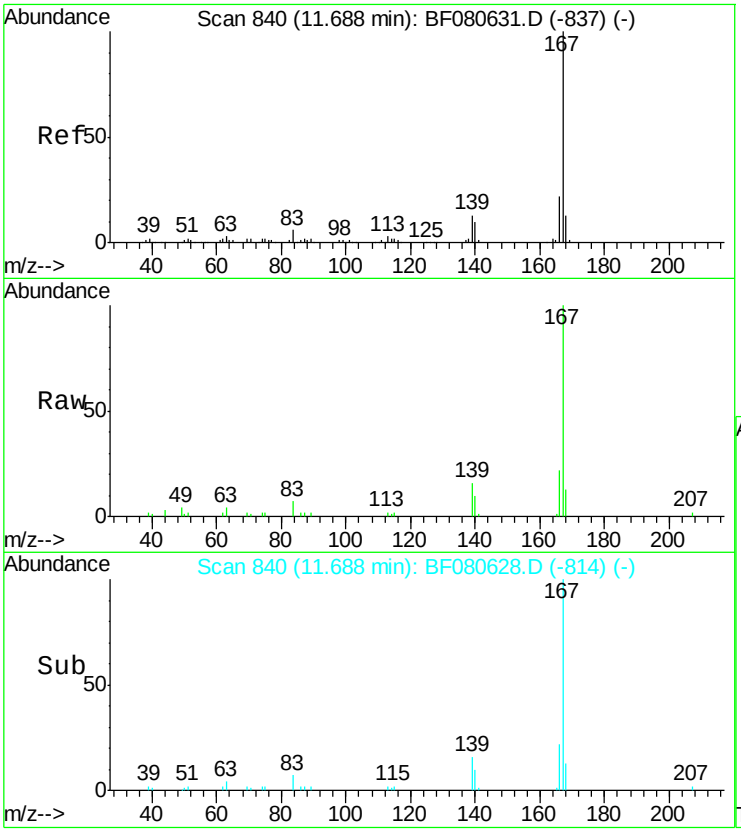


#71
Anthracene
Concen: 2.30 ng
RT: 11.54 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:178 Resp: 21398

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.0	22.6
179	14.9	12.1	18.1

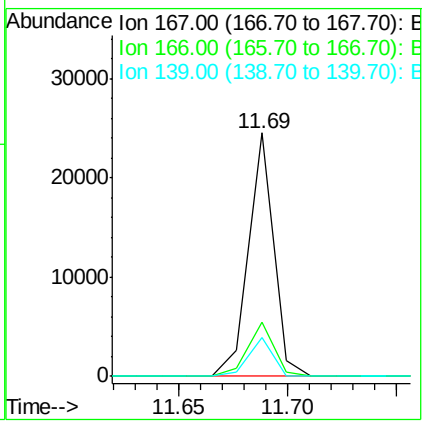




#72
Carbazole
Concen: 2.44 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:167 Resp: 19757

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	15.8	10.6	15.8#



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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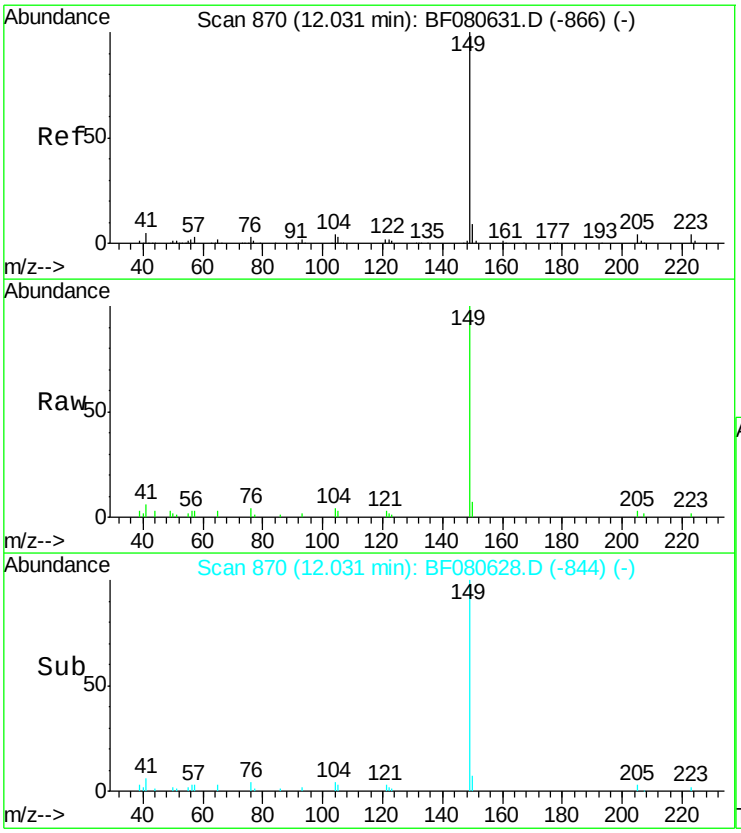
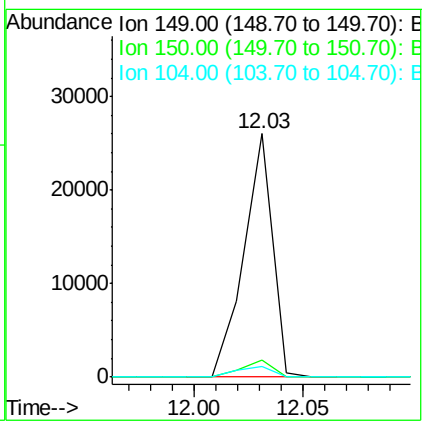
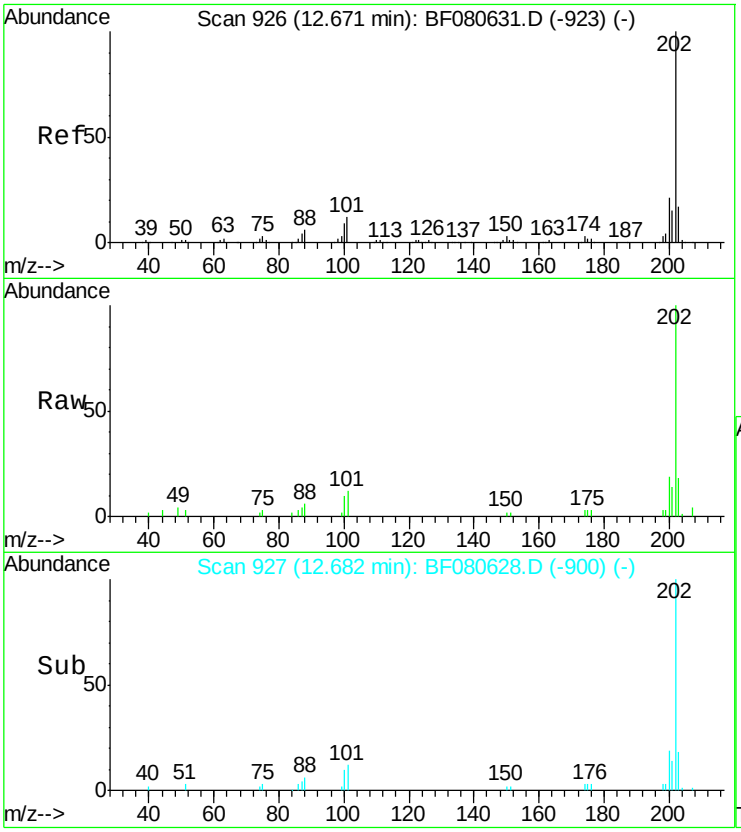


#73
Di-n-butylphthalate
Concen: 2.52 ng
RT: 12.03 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:149 Resp: 23703

Ion	Ratio	Lower	Upper
149	100		
150	7.0	7.3	10.9#
104	4.4	3.5	5.3

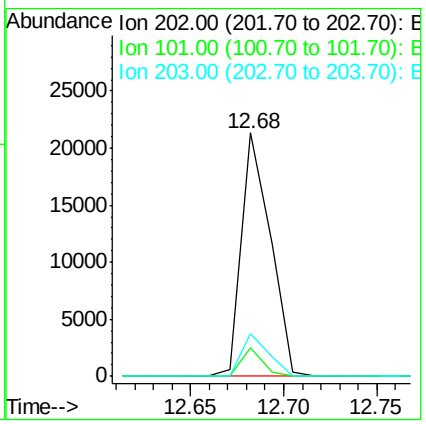




#74
Fluoranthene
Concen: 2.63 ng
RT: 12.68 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:202 Resp: 23209

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.0
203	17.7	0.0	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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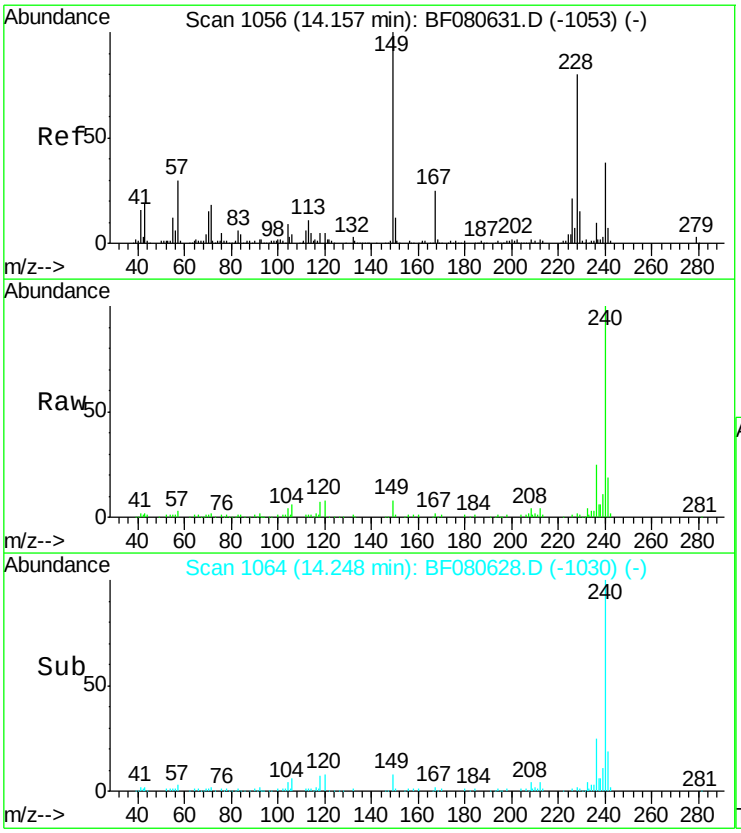
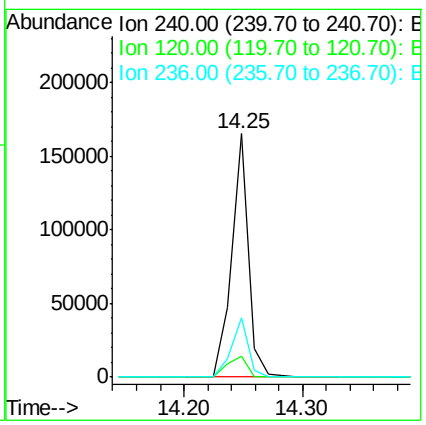
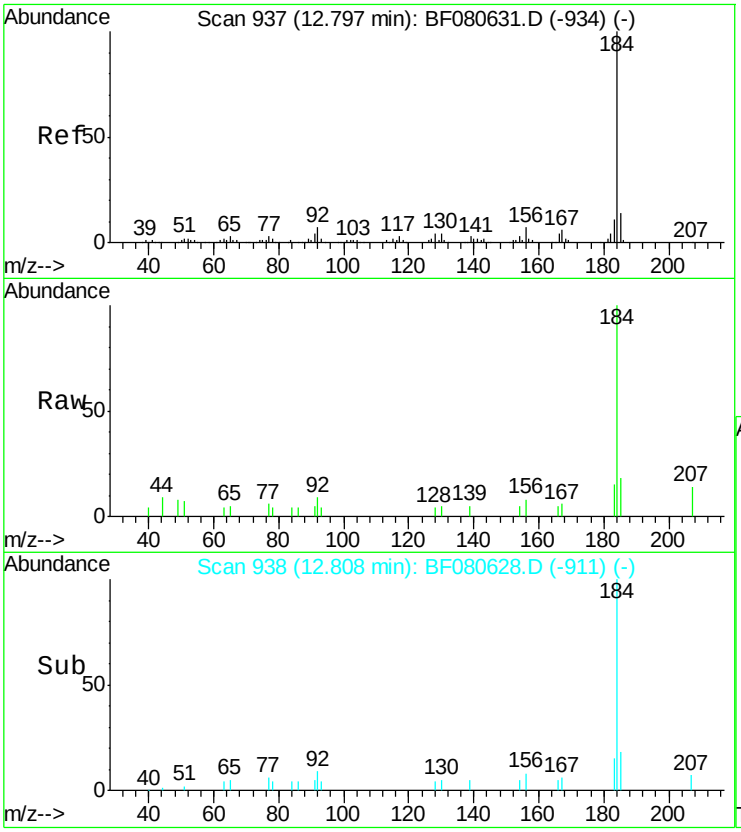


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:240 Resp: 162370

Ion	Ratio	Lower	Upper
240	100		
120	8.4	10.8	16.2#
236	24.6	20.3	30.5





#76
Benzidine
Concen: 2.67 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:184 Resp: 13102

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.4	17.0#
183	15.2	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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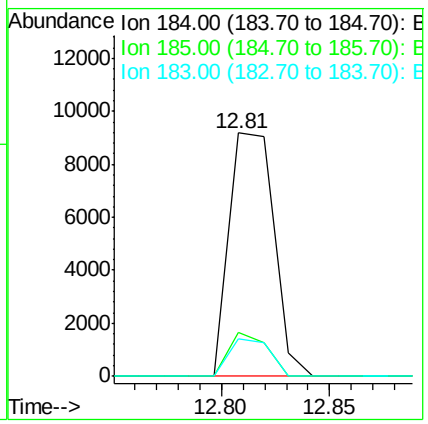
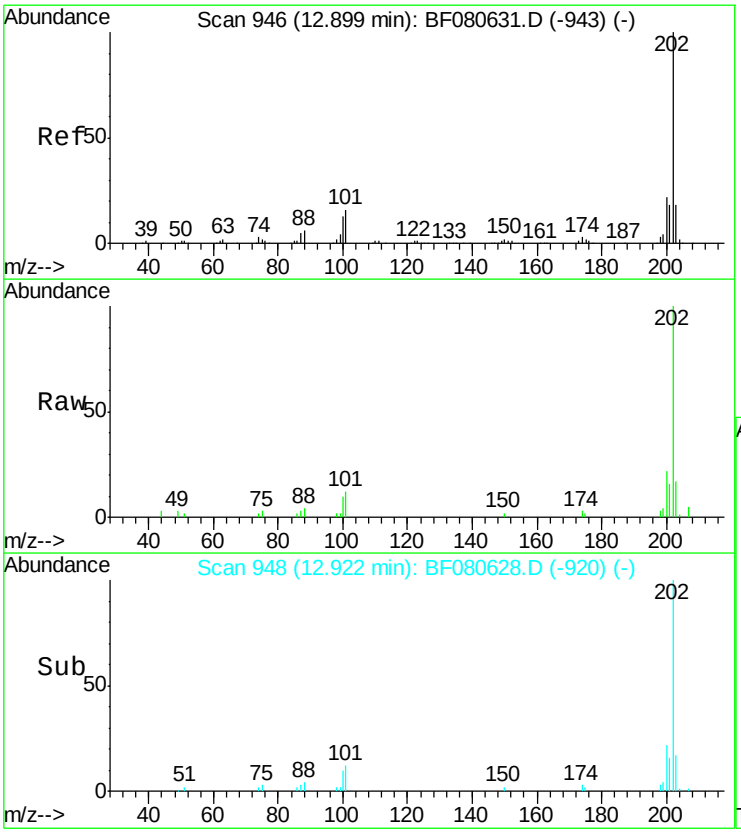
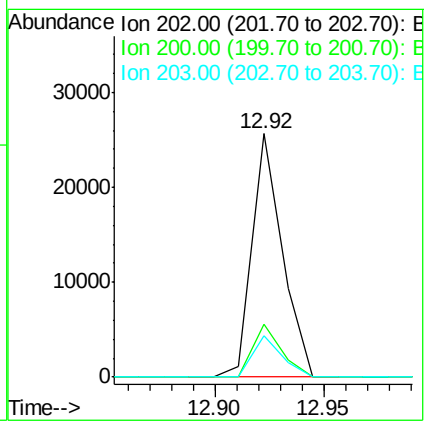


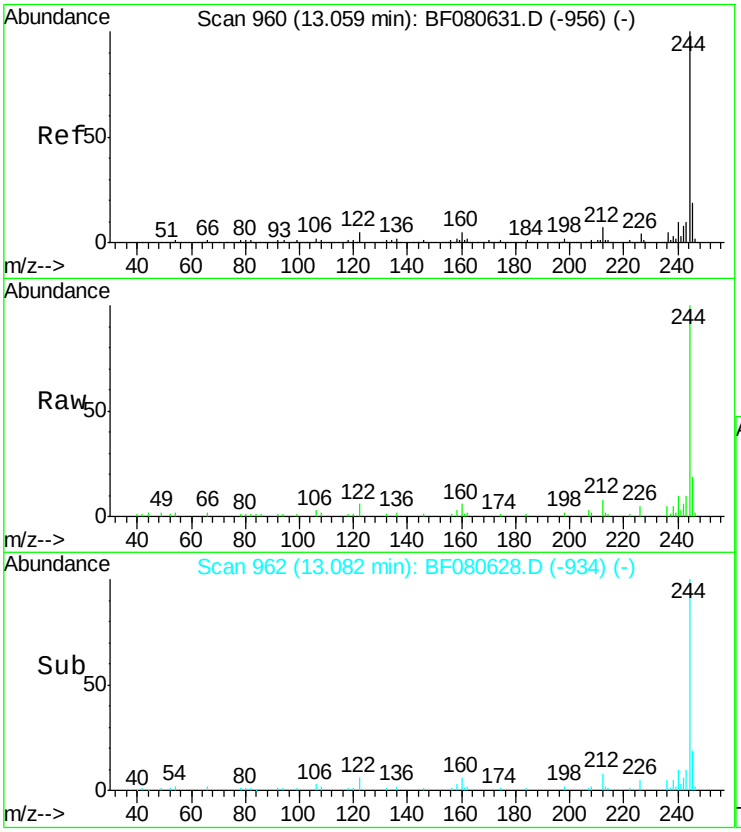


#77
Pyrene
Concen: 2.31 ng
RT: 12.92 min Scan# 948
Delta R.T. 0.02 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:202 Resp: 24797

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.2	14.6	22.0





#78
Terphenyl-d14
Concen: 4.63 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:244 Resp: 35523

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.2	7.8#
122	6.3	4.1	6.1#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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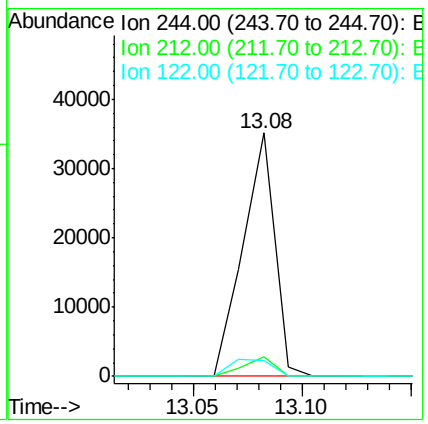
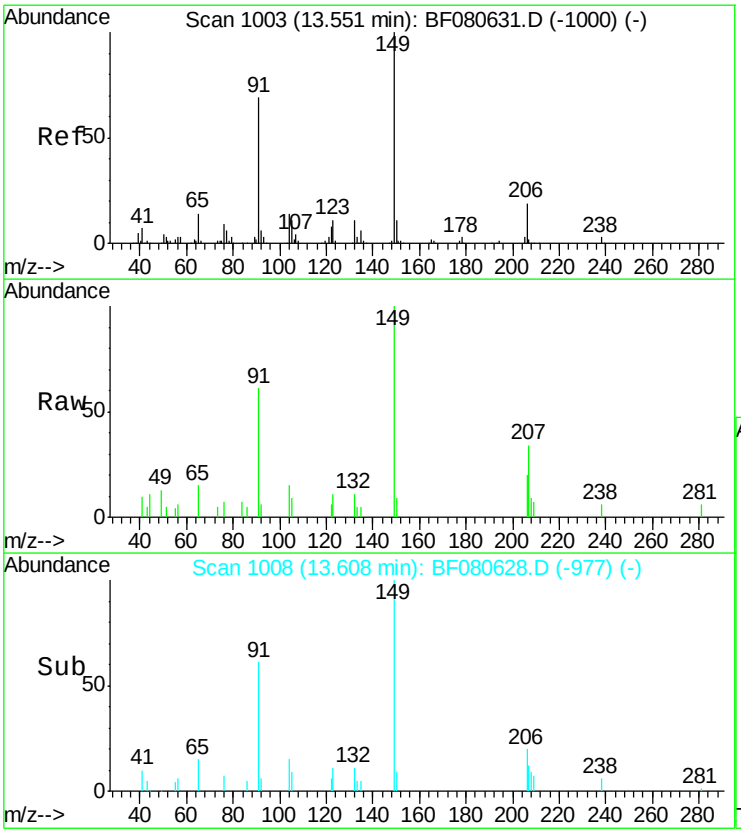
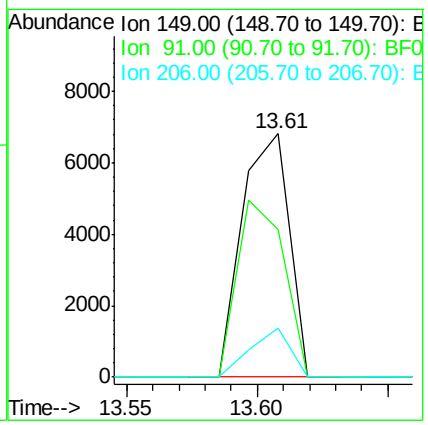


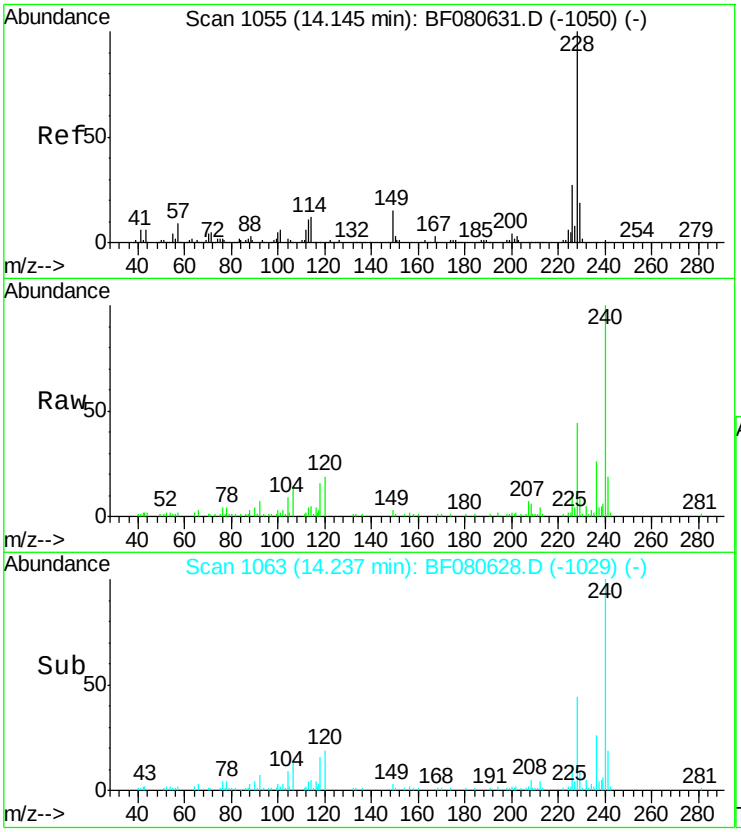


#79
Butylbenzylphthalate
Concen: 2.32 ng
RT: 13.61 min Scan# 1008
Delta R.T. 0.06 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:149 Resp: 8638

Ion	Ratio	Lower	Upper
149	100		
91	60.7	55.0	82.4
206	20.3	15.0	22.6





#80
Benzo(a)anthracene
Concen: 2.39 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.09 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:228 Resp: 21881

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.0
229	20.0	15.4	23.0

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

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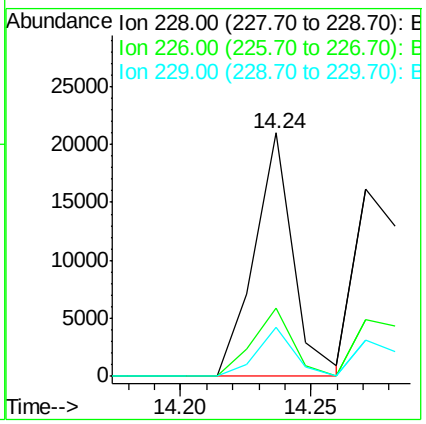
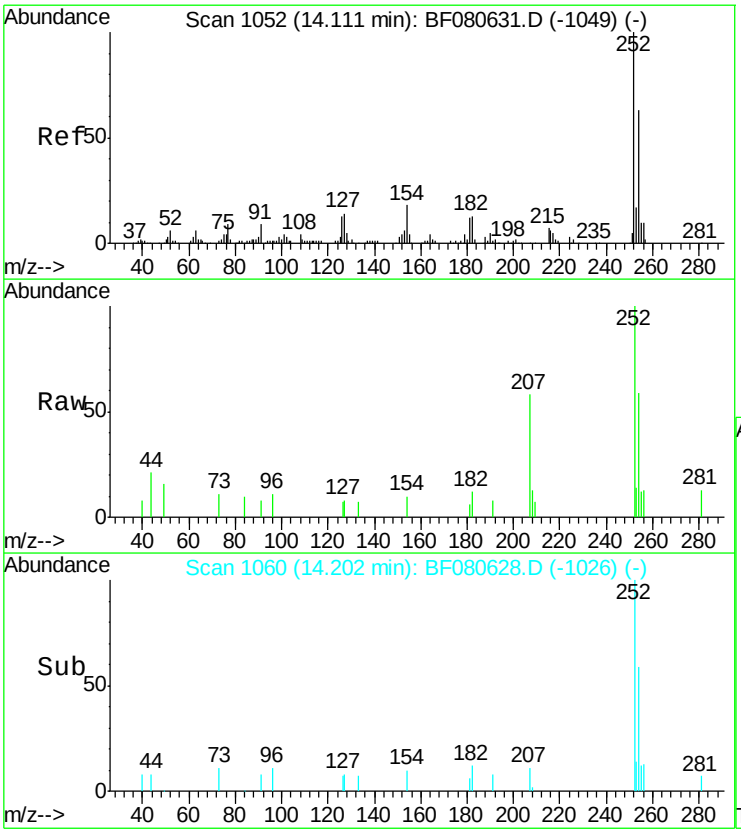
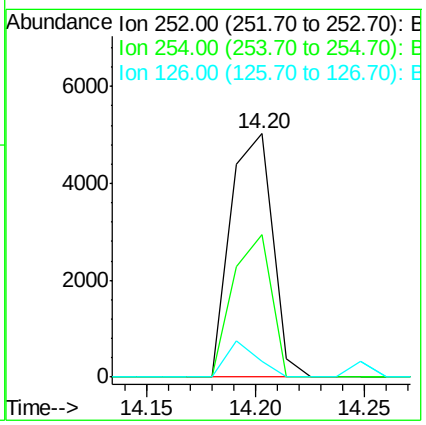


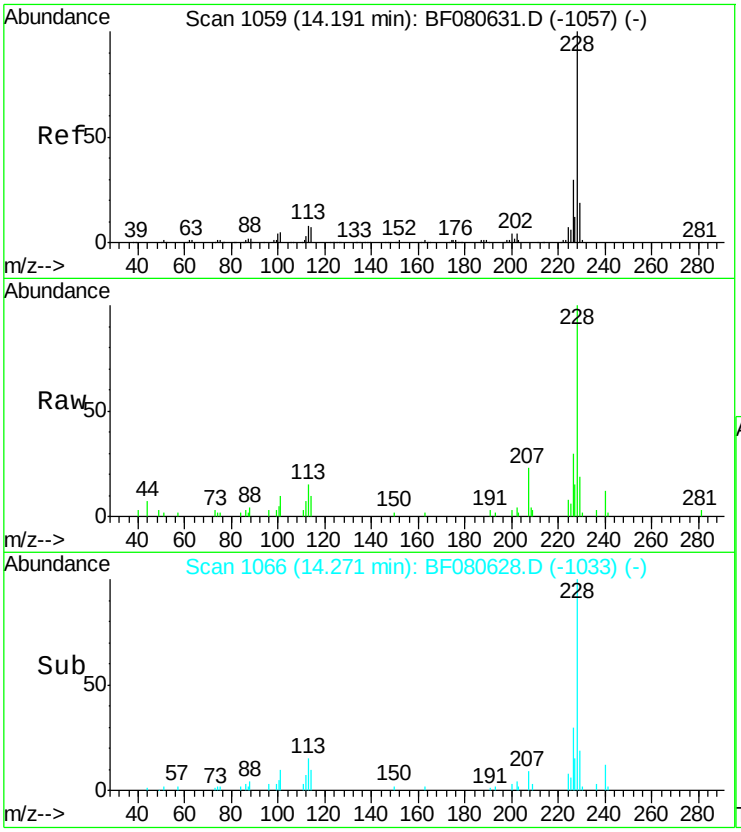


#81
3,3'-Dichlorobenzidine
Concen: 2.53 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.09 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:252 Resp: 6715

Ion	Ratio	Lower	Upper
252	100		
254	58.5	50.4	75.6
126	6.6	10.6	15.8#

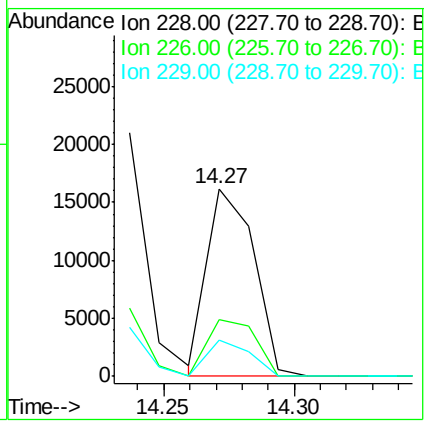




#82
Chrysene
Concen: 2.25 ng
RT: 14.27 min Scan# 1066
Delta R.T. 0.08 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:228 Resp: 20355

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	19.1	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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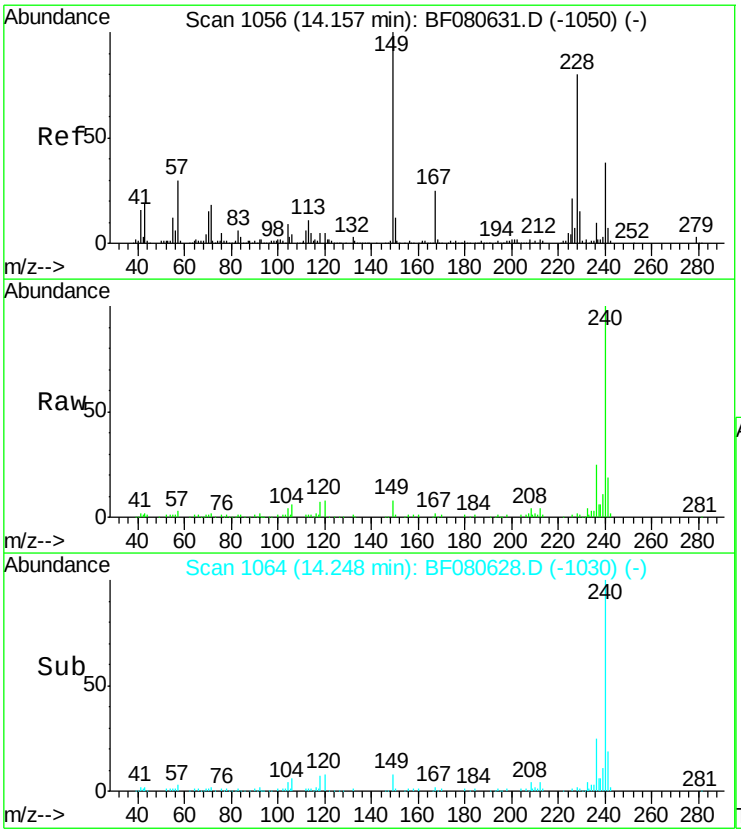
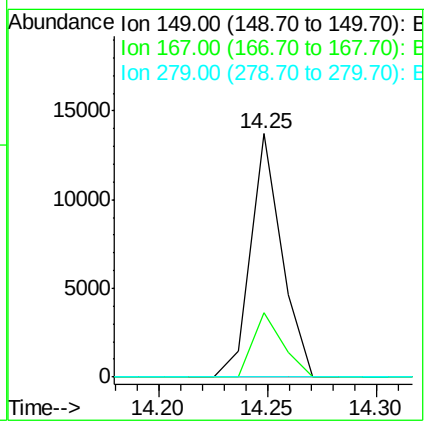
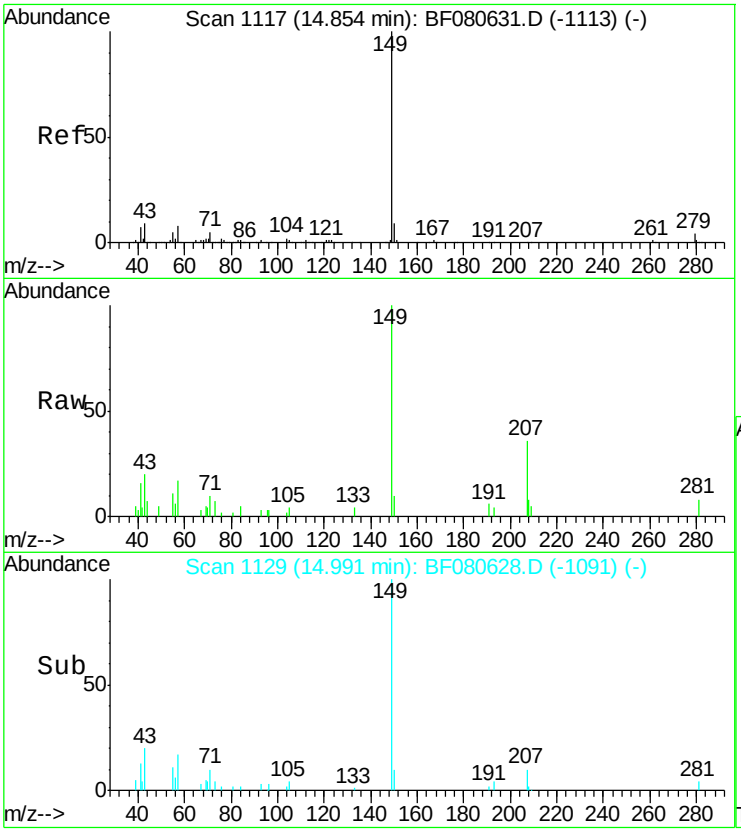


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.45 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:149 Resp: 13567

Ion	Ratio	Lower	Upper
149	100		
167	26.2	19.7	29.5
279	0.0	2.2	3.4#





#84
Di-n-octyl phthalate
Concen: 2.74 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.14 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:149 Resp: 20133

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.0	1.4#
43	27.4	10.1	15.1#

Instrument :
BNA_F
ClientSampleId :
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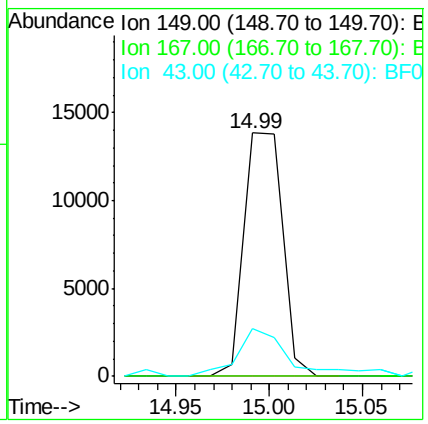
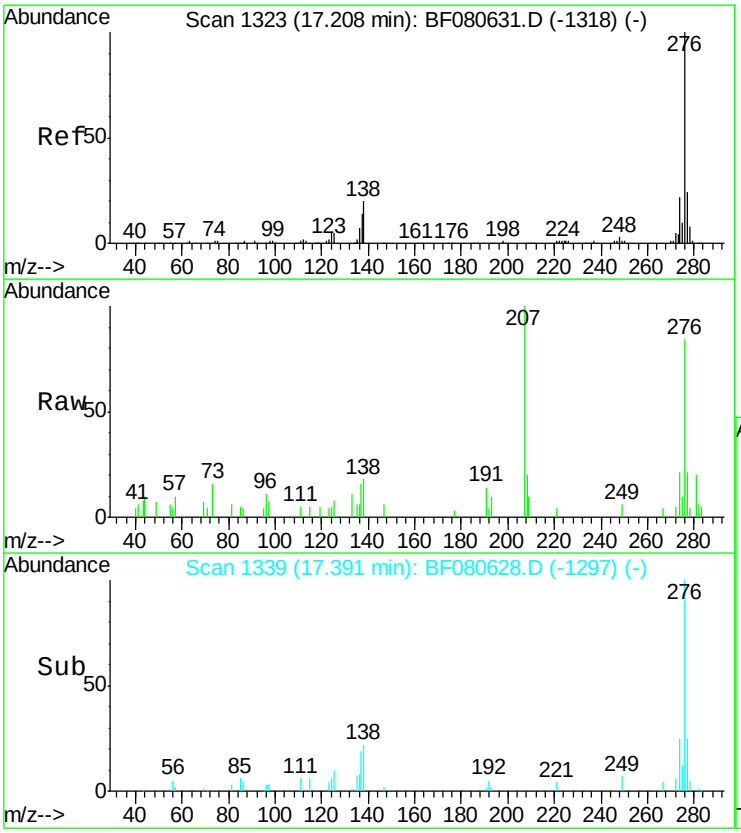
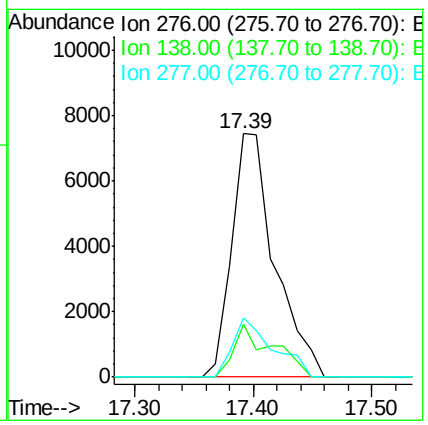


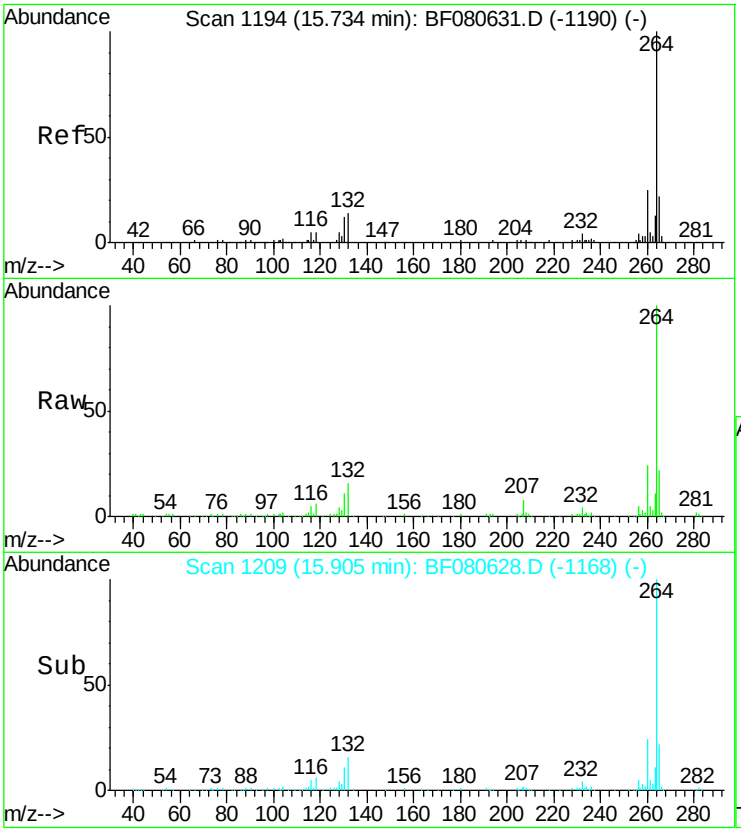


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.54 ng
RT: 17.39 min Scan# 1339
Delta R.T. 0.18 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:276 Resp: 18734

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.5	26.3
277	22.8	19.8	29.6

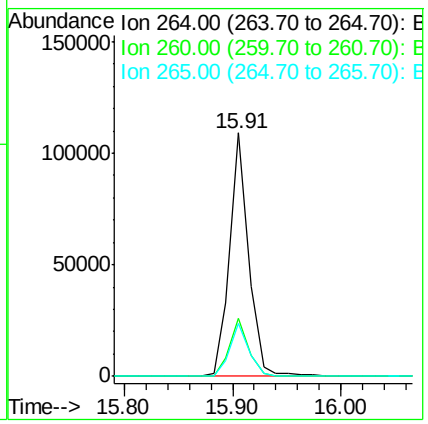




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.17 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:264 Resp: 131799

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.9	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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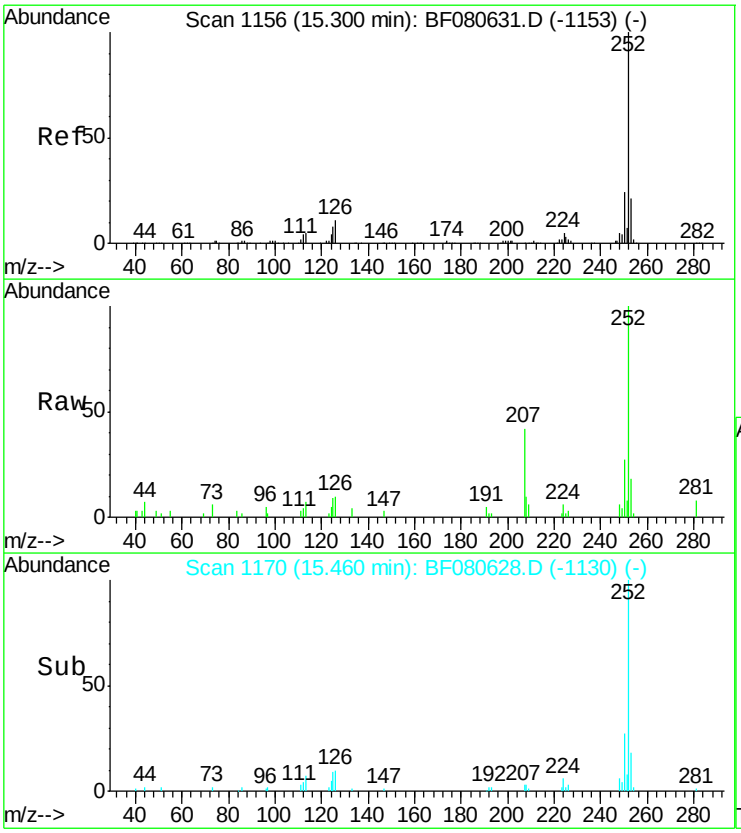
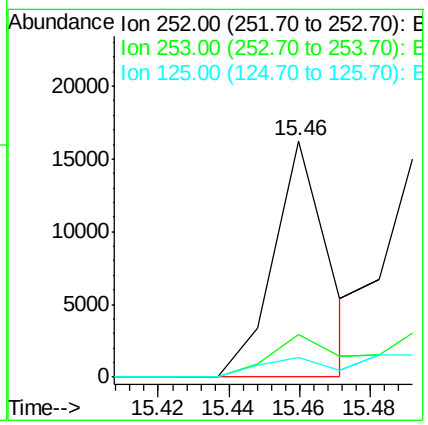
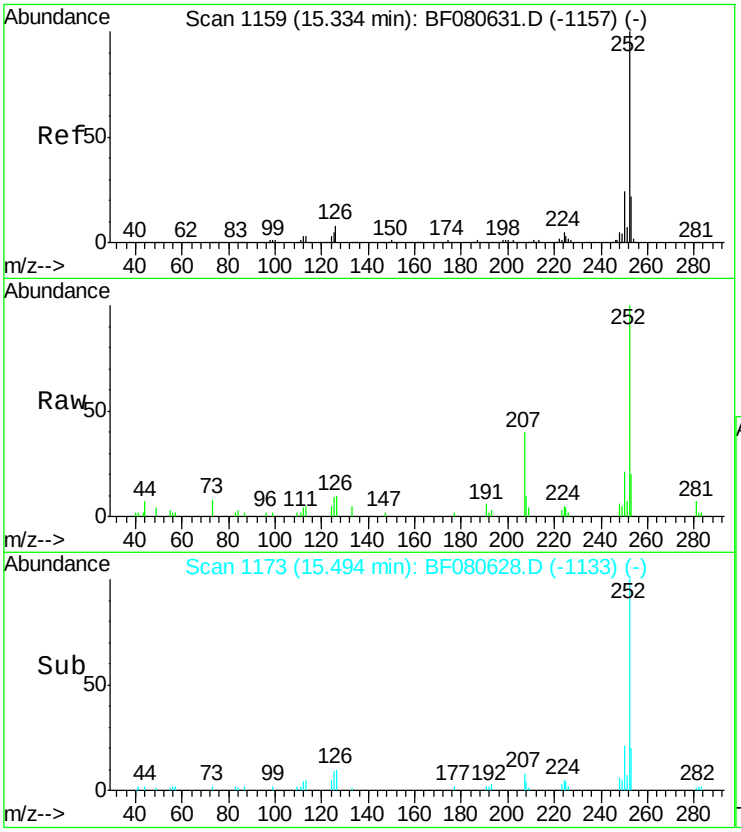


#87
Benzo(b)fluoranthene
Concen: 2.18 ng m
RT: 15.46 min Scan# 1170
Delta R.T. 0.16 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:252 Resp: 17173

Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.1	25.7
125	8.6	6.5	9.7





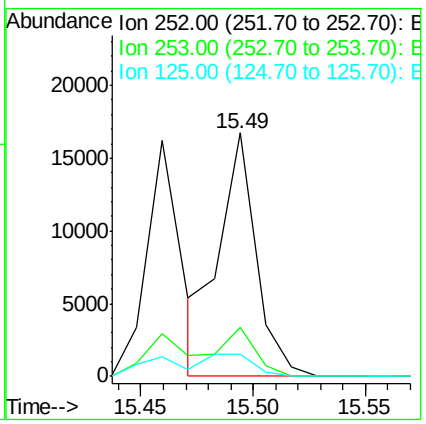
#88
Benzo(k)fluoranthene
Concen: 2.43 ng m
RT: 15.49 min Scan# 1173
Delta R.T. 0.16 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

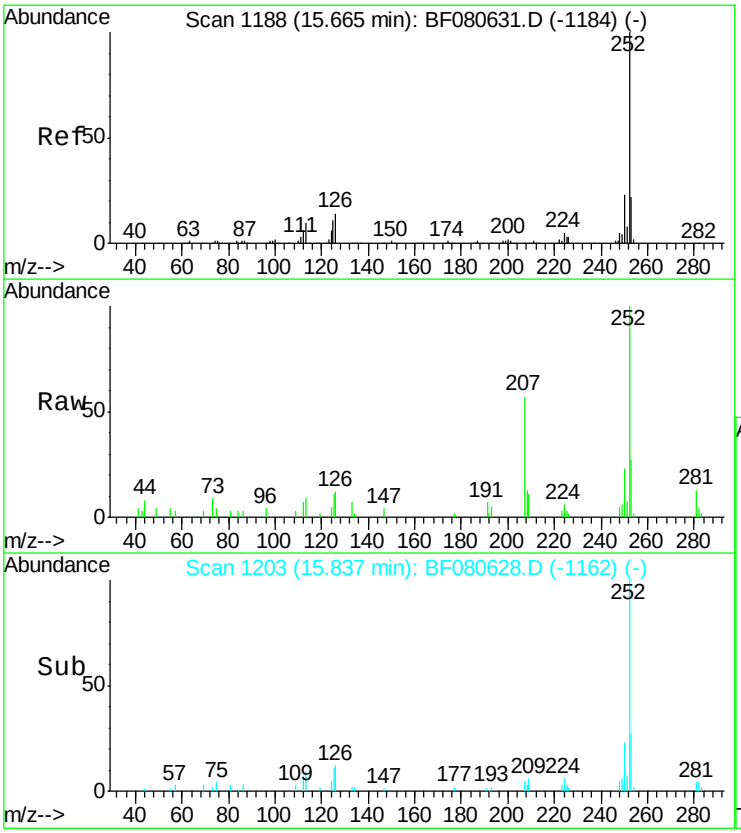
Tgt Ion:252 Resp: 18987

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.0	25.6
125	8.9	4.6	6.8#

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
apatel
7/27/2015 4:21:29 PM

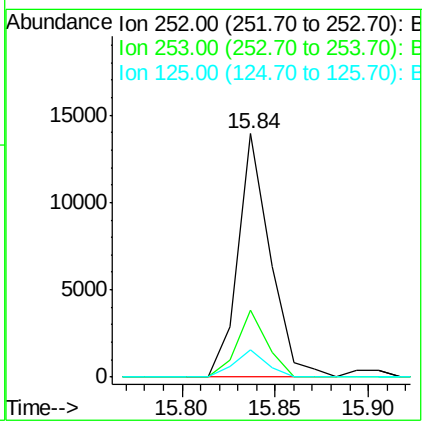


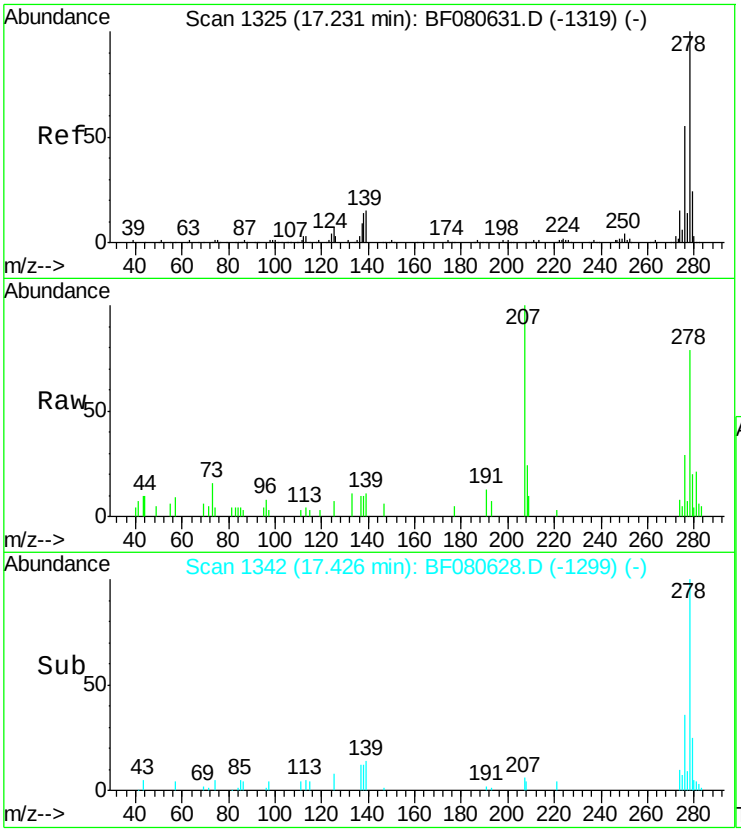


#89
Benzo(a)pyrene
Concen: 2.39 ng
RT: 15.84 min Scan# 1203
Delta R.T. 0.17 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:252 Resp: 16773

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.6#
125	11.2	9.1	13.7

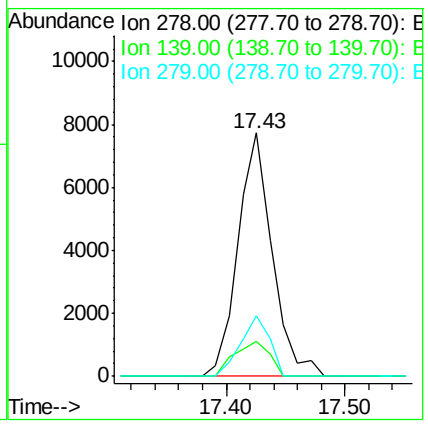




#90
Dibenzo(a,h)anthracene
Concen: 2.29 ng
RT: 17.43 min Scan# 1342
Delta R.T. 0.19 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

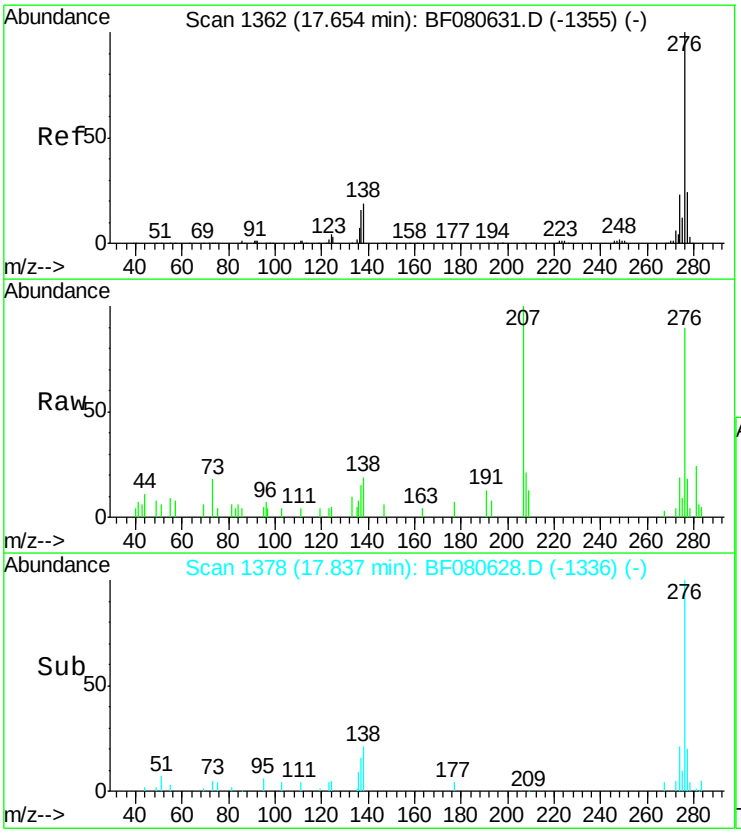
Tgt Ion:278 Resp: 15573

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.9	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
apatel
7/27/2015 4:21:29 PM



#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.84 min Scan# 1378
Delta R.T. 0.18 min
Lab File: BF080628.D
Acq: 24 Jul 2015 16:26

Tgt Ion:276 Resp: 16707

Ion	Ratio	Lower	Upper
276	100		
277	19.9	19.0	28.4
138	20.7	14.8	22.2