Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079495.D
Acq On : 27 May 2015 1:26
Operator : TP/IZ
Sample : G2289-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

Quant Time: May 27 02:33:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	84430	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	346680	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	171770	20.00	ng		0.00
63) Phenanthrene-d10	12.60	188	325358	20.00	ng		0.01
75) Chrysene-d12	15.89	240	337232	20.00	ng		0.01
86) Perylene-d12	17.58	264	353427	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	793669m	163.05	ng		0.00
7) Phenol-d6	6.62	99	1003221	161.69	ng		0.00
23) Nitrobenzene-d5	7.72	82	628666	104.82	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	303328	160.77	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	1145449	95.14	ng		0.00
78) Terphenyl-d14	14.59	244	1302858	90.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	88925m	38.40	ng		
3) Pyridine	2.50	79	271673m	53.28	ng		
4) n-Nitrosodimethylamine	2.44	42	123196m	49.07	ng		
6) Aniline	6.62	93	189578m	21.53	ng		
8) 2-Chlorophenol	6.75	128	305543	53.92	ng		94
9) Benzaldehyde	6.47	77	47841m	11.38	ng		
10) Phenol	6.64	94	377894m	51.73	ng		
11) bis(2-Chloroethyl)ether	6.72	93	279058	52.81	ng		96
12) 1,3-Dichlorobenzene	6.94	146	312664	49.80	ng		98
13) 1,4-Dichlorobenzene	7.04	146	319968	49.96	ng		99
14) 1,2-Dichlorobenzene	7.22	146	301328	50.66	ng		97
15) Benzyl Alcohol	7.22	79	224033	49.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	417880	54.03	ng		96
17) 2-Methylphenol	7.38	107	240026	53.91	ng		98
18) Hexachloroethane	7.63	117	106891	48.49	ng		99
19) n-Nitroso-di-n-propylamine	7.55	70	230141	52.72	ng	#	91
20) 3+4-Methylphenols	7.58	107	323941	52.95	ng		96
22) Acetophenone	7.54	105	423962	54.58	ng	#	90
24) Nitrobenzene	7.75	77	314079	53.13	ng	#	83
25) Isophorone	8.04	82	579749	53.03	ng		96
26) 2-Nitrophenol	8.14	139	157567	56.30	ng		94
27) 2,4-Dimethylphenol	8.22	122	267629	53.20	ng		98
28) bis(2-Chloroethoxy)methane	8.33	93	376540	55.57	ng		99
29) 2,4-Dichlorophenol	8.44	162	263558	57.19	ng		97
30) 1,2,4-Trichlorobenzene	8.54	180	259490	54.29	ng		93
31) Naphthalene	8.63	128	878141	52.78	ng		99
32) Benzoic acid	8.35	122	74218	23.77	ng		98
33) 4-Chloroaniline	8.71	127	156898	22.57	ng		99
34) Hexachlorobutadiene	8.78	225	138360	50.89	ng		99
35) Caprolactam	9.14	113	81498m	56.08	ng		
36) 4-Chloro-3-methylphenol	9.34	107	274794	57.49	ng	#	86
37) 2-Methylnaphthalene	9.48	142	616335	53.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	249793	51.99	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	33993	35.27	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079495.D
Acq On : 27 May 2015 1:26
Operator : TP/IZ
Sample : G2289-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

Quant Time: May 27 02:33:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	174941	52.15	ng		98
43) 2,4,5-Trichlorophenol	9.90	196	187373	56.11	ng	#	87
45) 1,1'-Biphenyl	10.07	154	736793	54.92	ng		98
46) 2-Chloronaphthalene	10.08	162	556032	52.48	ng		98
47) 2-Nitroaniline	10.23	65	177065	56.20	ng	#	59
48) Acenaphthylene	10.59	152	919199	52.26	ng		99
49) Dimethylphthalate	10.47	163	863727	68.24	ng		99
50) 2,6-Dinitrotoluene	10.54	165	141378	55.91	ng	#	74
51) Acenaphthene	10.81	154	528259	52.52	ng		100
52) 3-Nitroaniline	10.74	138	107877	32.80	ng	#	76
53) 2,4-Dinitrophenol	10.88	184	38599	47.73	ng	#	82
54) Dibenzofuran	11.02	168	795557	53.63	ng		97
55) 4-Nitrophenol	10.98	139	222074	121.76	ng		89
56) 2,4-Dinitrotoluene	11.04	165	196068	57.82	ng	#	75
57) Fluorene	11.45	166	648137	53.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.19	232	143654	59.11	ng	#	100
59) Diethylphthalate	11.34	149	644012	51.98	ng		96
60) 4-Chlorophenyl-phenylether	11.46	204	281837	53.35	ng	#	82
61) 4-Nitroaniline	11.50	138	139461	45.52	ng		90
62) Azobenzene	11.66	77	708965	58.83	ng		91
64) 4,6-Dinitro-2-methylphenol	11.54	198	45704	30.73	ng		81
65) n-Nitrosodiphenylamine	11.61	169	557757	51.61	ng		98
66) 4-Bromophenyl-phenylether	12.06	248	181294	54.11	ng	#	87
67) Hexachlorobenzene	12.12	284	206211	53.98	ng	#	82
68) Atrazine	12.28	200	167585	57.41	ng		96
69) Pentachlorophenol	12.38	266	197539	134.99	ng		96
70) Phenanthrene	12.63	178	955860	53.55	ng		98
71) Anthracene	12.70	178	944223	52.10	ng		98
72) Carbazole	12.91	167	973082	55.77	ng		98
73) Di-n-butylphthalate	13.36	149	1093965	56.60	ng		99
74) Fluoranthene	14.10	202	1099070	57.42	ng		94
76) Benzidine	14.30	184	334787	46.35	ng		98
77) Pyrene	14.39	202	1173992	56.19	ng		100
79) Butylbenzylphthalate	15.22	149	523469	55.71	ng	#	87
80) Benzo(a)anthracene	15.87	228	1076250	55.48	ng		100
81) 3,3'-Dichlorobenzidine	15.85	252	342070	48.15	ng	#	99
82) Chrysene	15.92	228	981602	53.23	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	746905	55.49	ng		99
84) Di-n-octyl phthalate	16.71	149	1254685	53.55	ng		100
85) Indeno(1,2,3-cd)pyrene	18.89	276	1283186	54.10	ng		99
87) Benzo(b)fluoranthene	17.14	252	1331444	66.05	ng		98
88) Benzo(k)fluoranthene	17.18	252	799260m	44.34	ng		
89) Benzo(a)pyrene	17.52	252	1042722	59.62	ng		98
90) Dibenzo(a,h)anthracene	18.91	278	1022005	55.62	ng		97
91) Benzo(g,h,i)perylene	19.28	276	1062009	56.80	ng		98

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

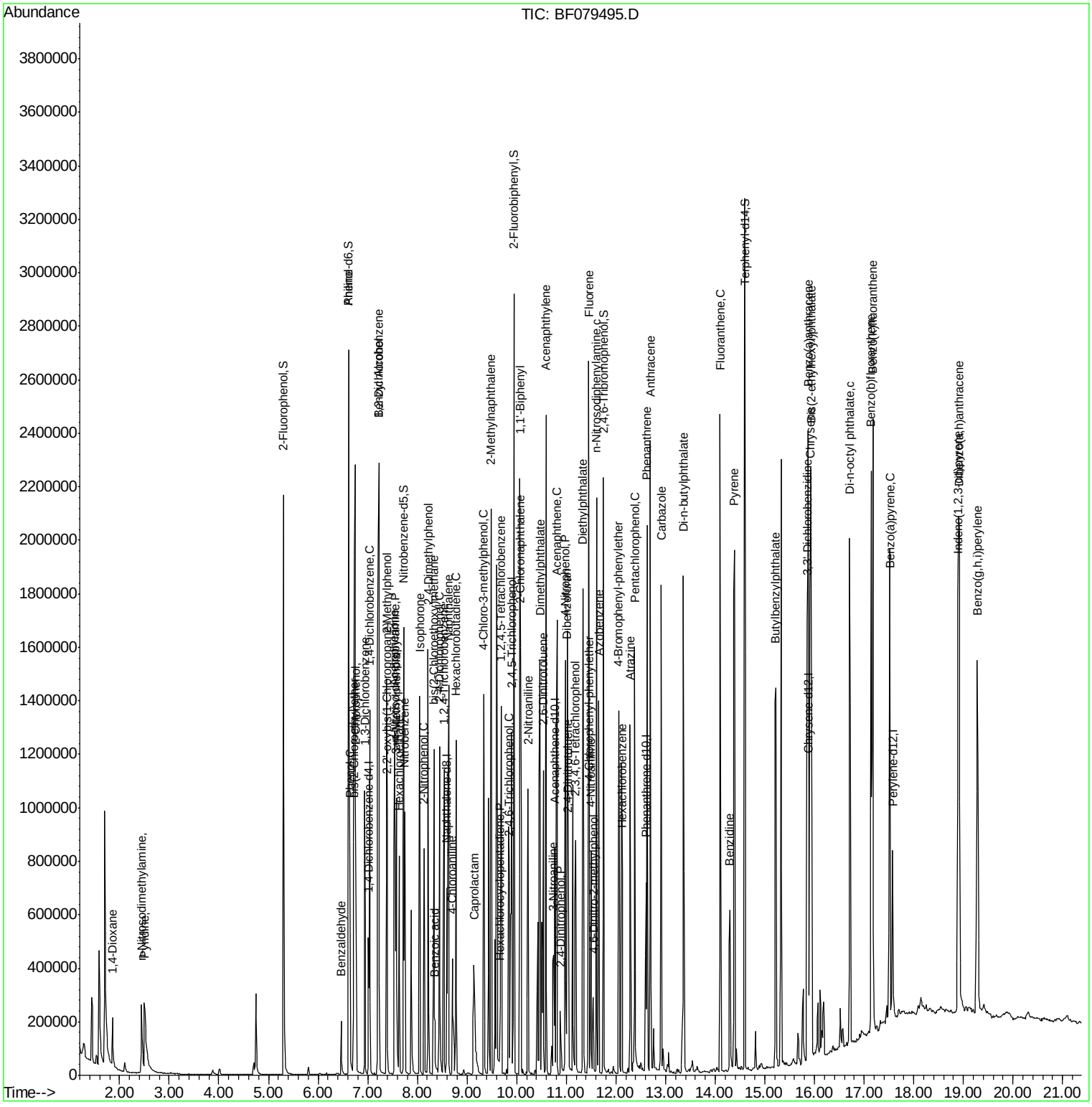
Quantitation Report (QT Reviewed)

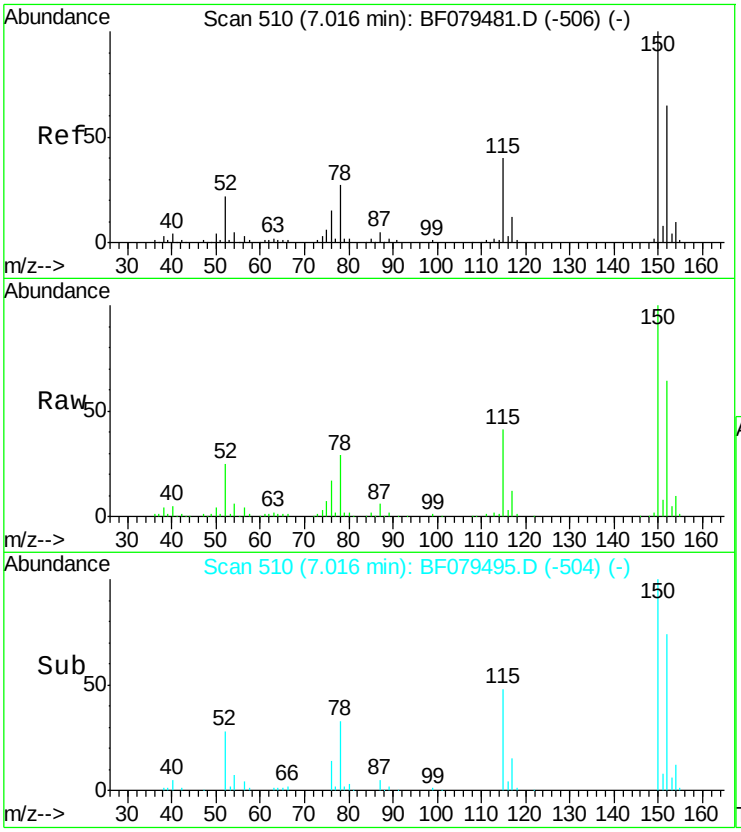
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079495.D
Acq On : 27 May 2015 1:26
Operator : TP/IZ
Sample : G2289-13MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 27 02:33:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

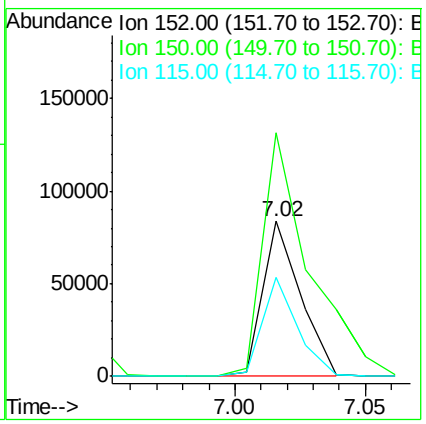




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

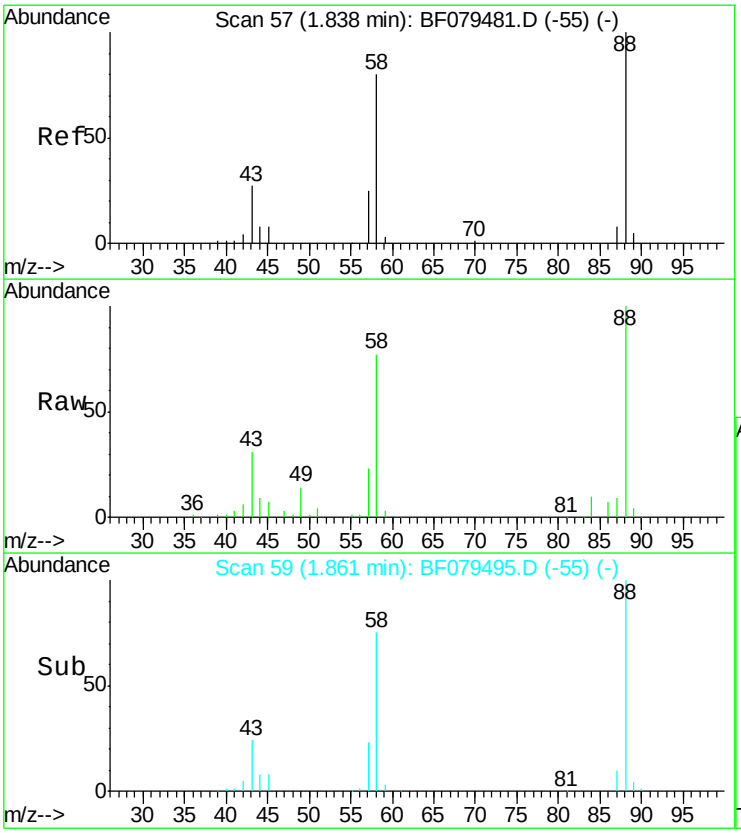
Tgt Ion:152 Resp: 84430

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	64.1	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

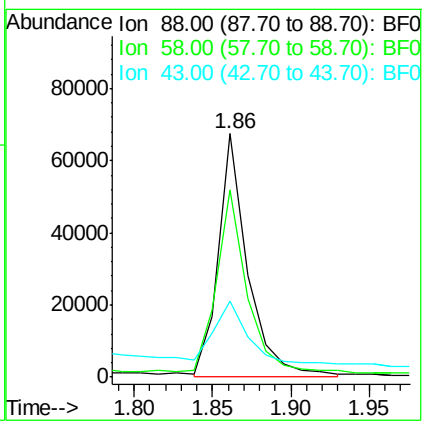
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

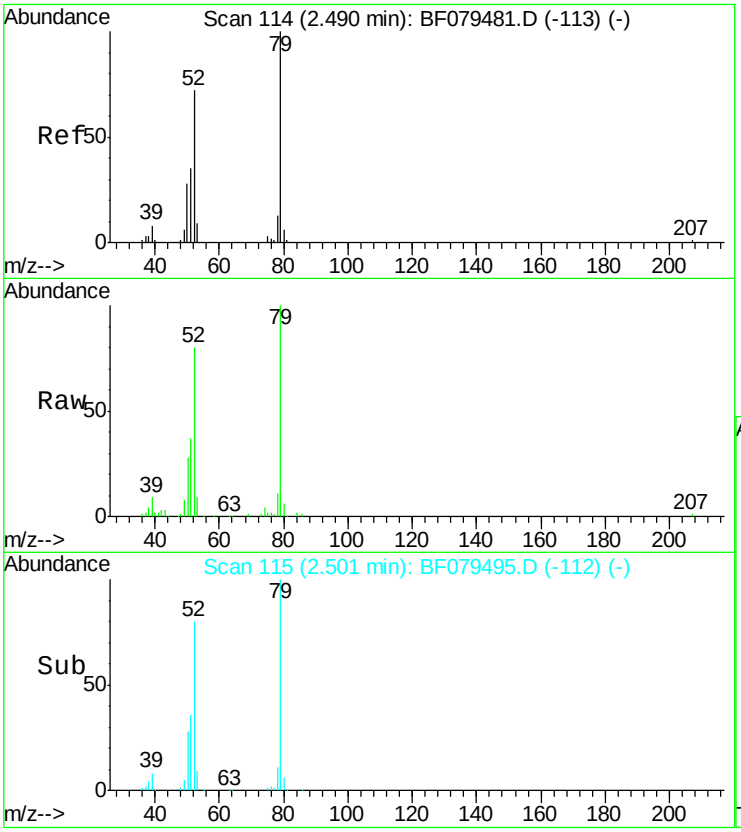


#2
1,4-Dioxane
Concen: 38.40 ng m
RT: 1.86 min Scan# 59
Delta R.T. 0.02 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 88 Resp: 88925

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0

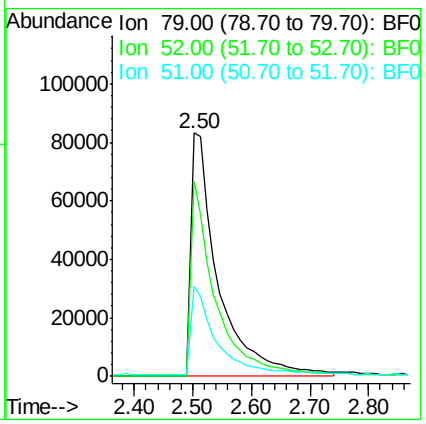




#3
Pyridine
Concen: 53.28 ng m
RT: 2.50 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

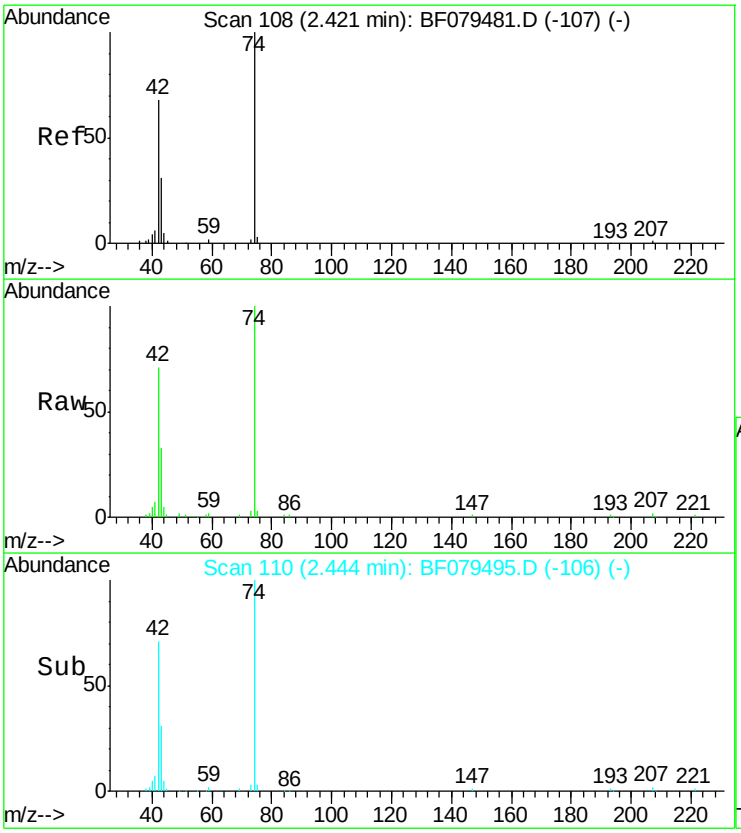
Tgt Ion: 79 Resp: 271673

Ion	Ratio	Lower	Upper
79	100		
52	80.0	57.4	86.2
51	36.9	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

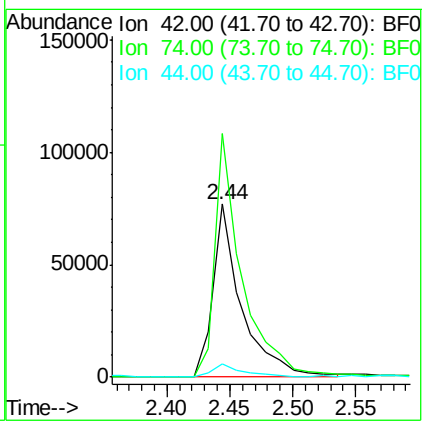
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

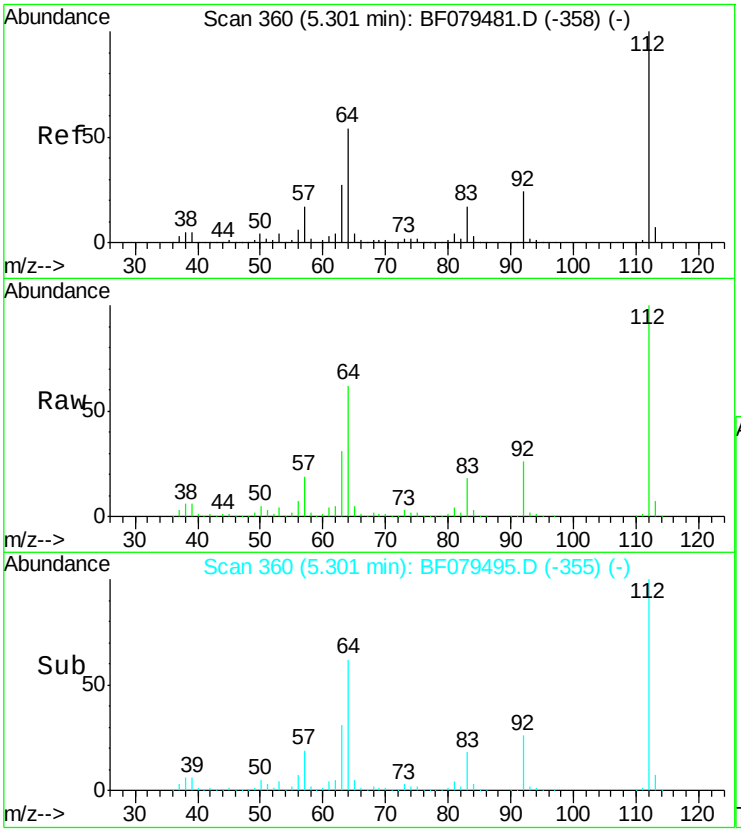


#4
n-Nitrosodimethylamine
Concen: 49.07 ng m
RT: 2.44 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 42 Resp: 123196

Ion	Ratio	Lower	Upper
42	100		
74	140.6	117.6	176.4
44	7.5	6.9	10.3

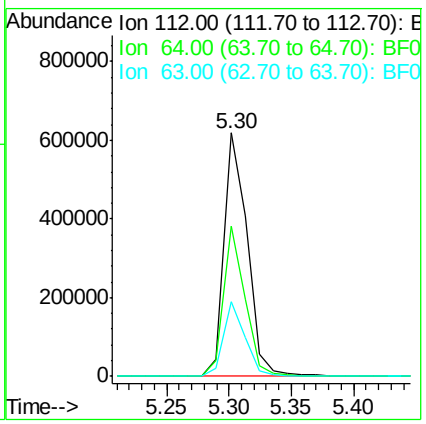




#5
2-Fluorophenol
Concen: 163.05 ng m
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

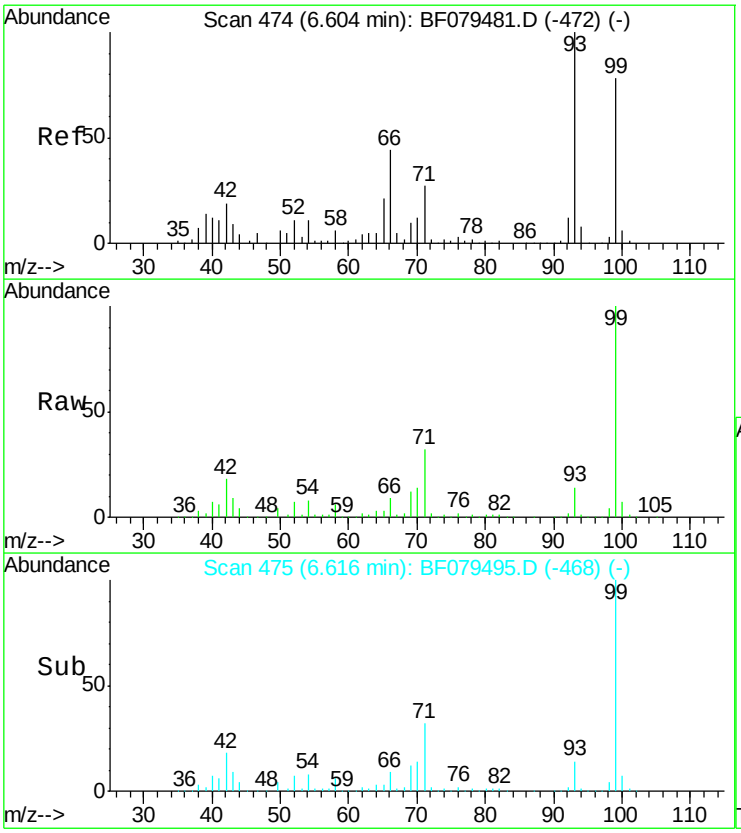
Tgt Ion:112 Resp: 793669

Ion	Ratio	Lower	Upper
112	100		
64	61.6	43.5	65.3
63	30.9	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

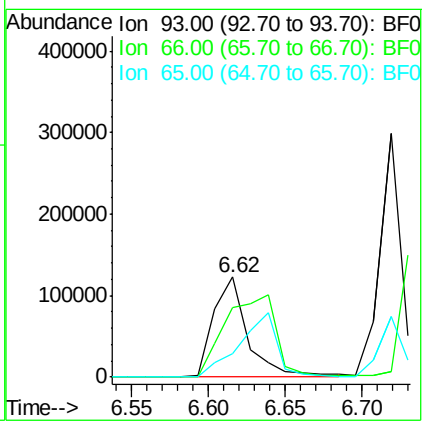
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

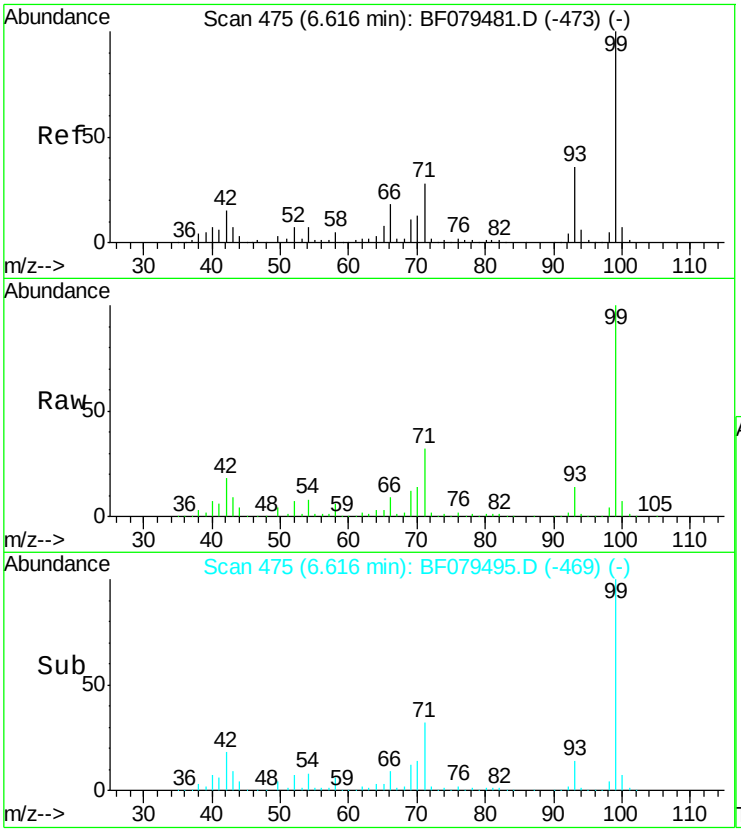


#6
Aniline
Concen: 21.53 ng m
RT: 6.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 93 Resp: 189578

Ion	Ratio	Lower	Upper
93	100		
66	69.0	34.8	52.2#
65	23.4	16.7	25.1

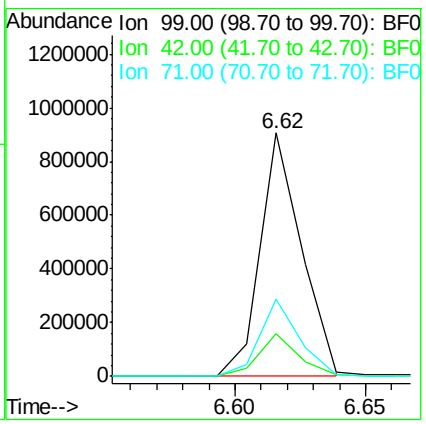




#7
Phenol-d6
Concen: 161.69 ng
RT: 6.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

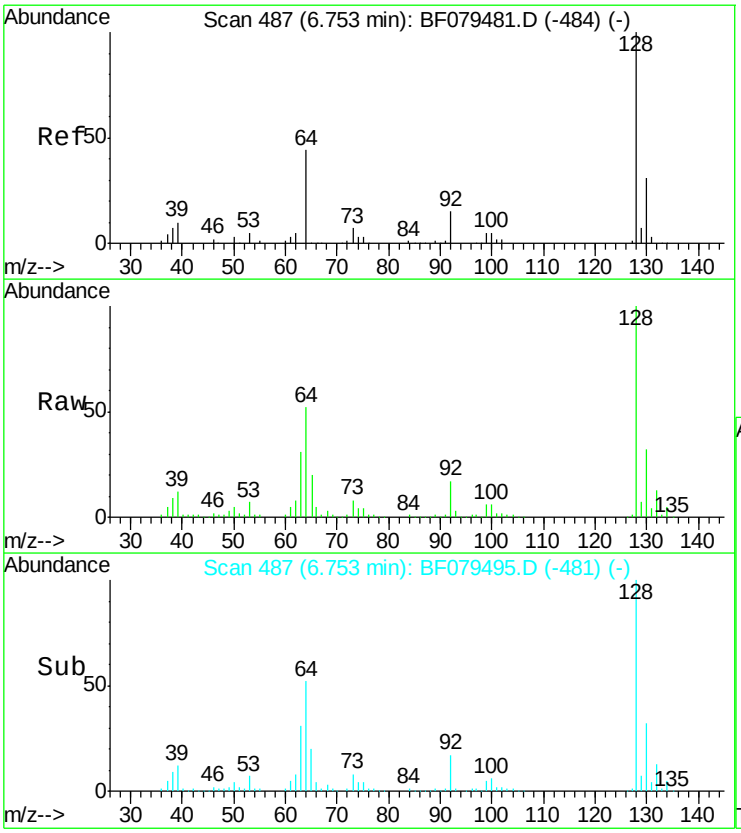
Tgt Ion: 99 Resp: 1003221

Ion	Ratio	Lower	Upper
99	100		
42	17.7	11.9	17.9
71	31.7	22.1	33.1



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

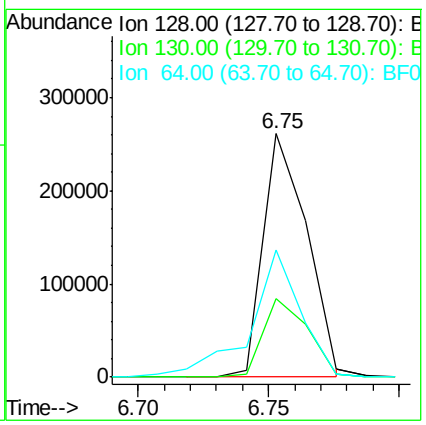
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

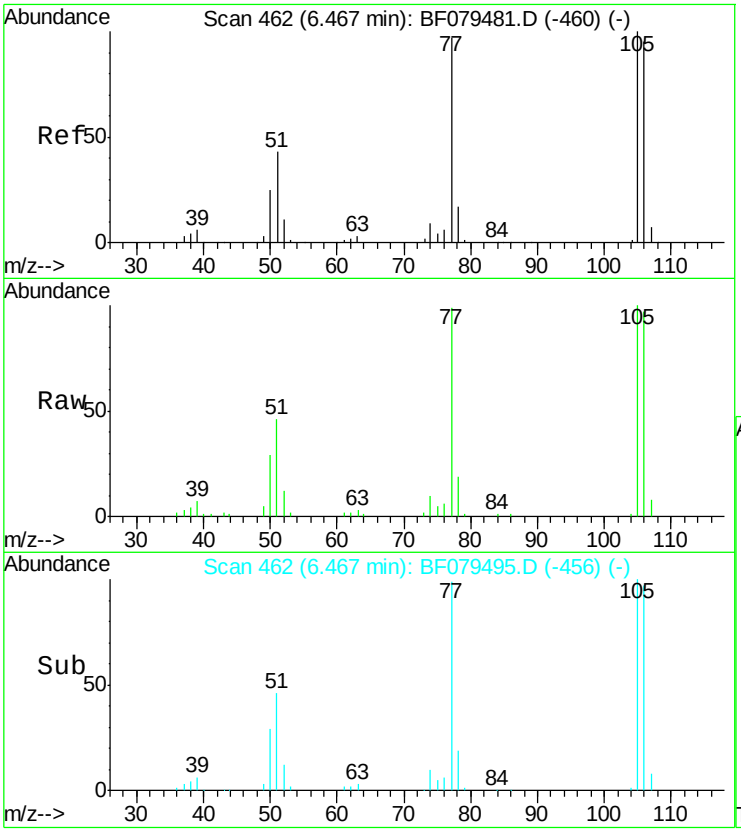


#8
2-Chlorophenol
Concen: 53.92 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:128 Resp: 305543

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.4	51.4
64	52.1	25.9	65.9

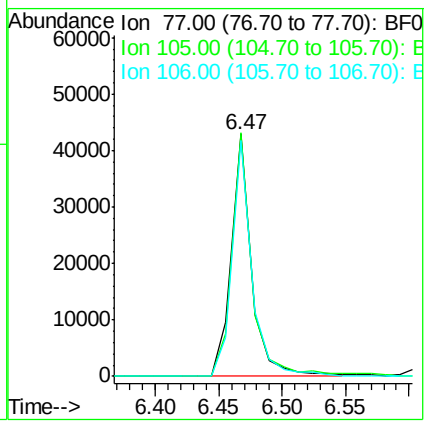




#9
Benzaldehyde
Concen: 11.38 ng m
RT: 6.47 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

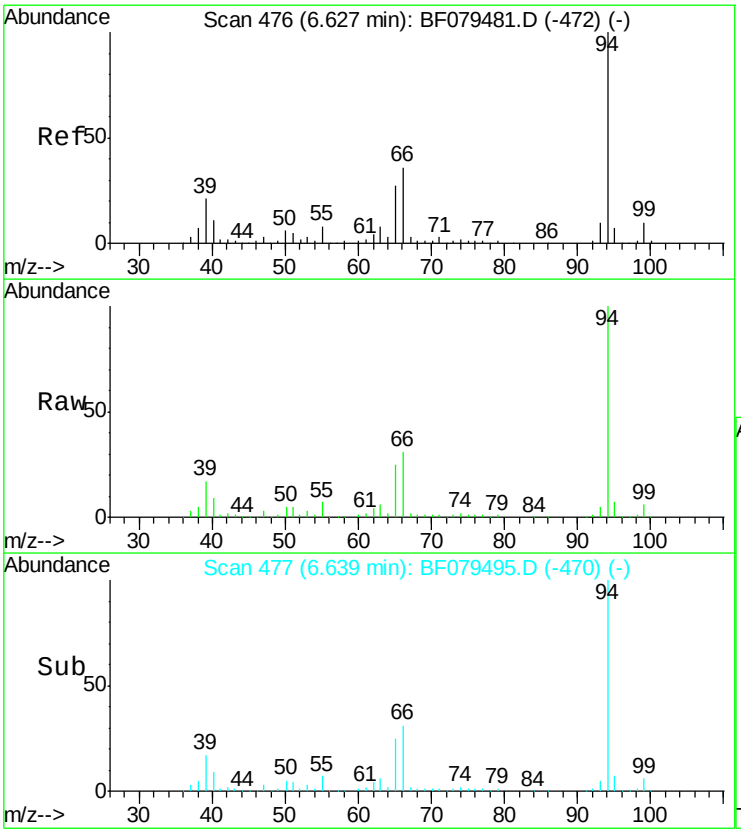
Tgt Ion: 77 Resp: 47841

Ion	Ratio	Lower	Upper
77	100		
105	100.7	83.3	123.3
106	97.7	78.4	118.4



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

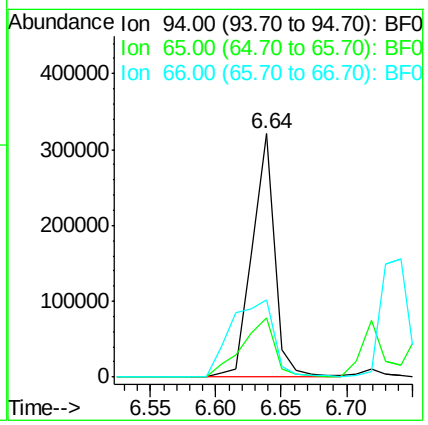
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

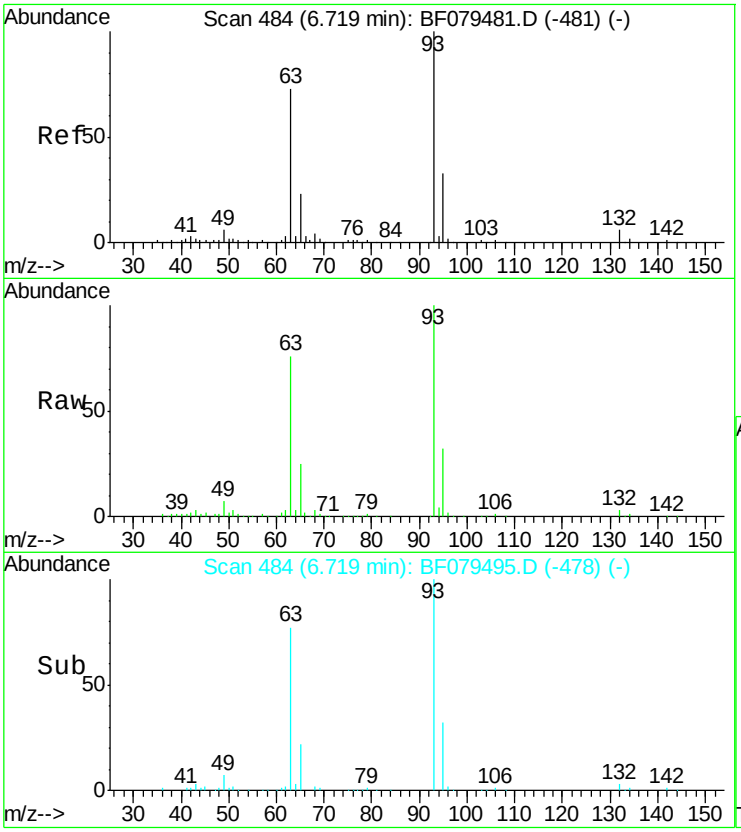


#10
Phenol
Concen: 51.73 ng m
RT: 6.64 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 94 Resp: 377894

Ion	Ratio	Lower	Upper
94	100		
65	24.5	7.2	47.2
66	31.5	16.2	56.2

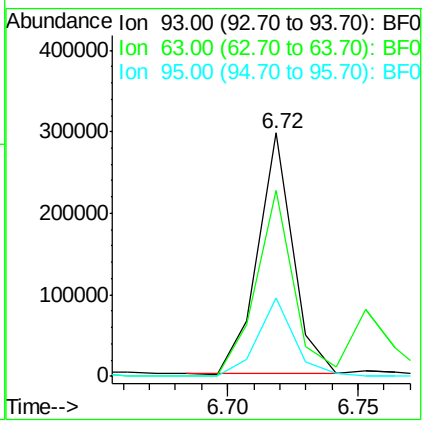




#11
bis(2-Chloroethyl)ether
Concen: 52.81 ng
RT: 6.72 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

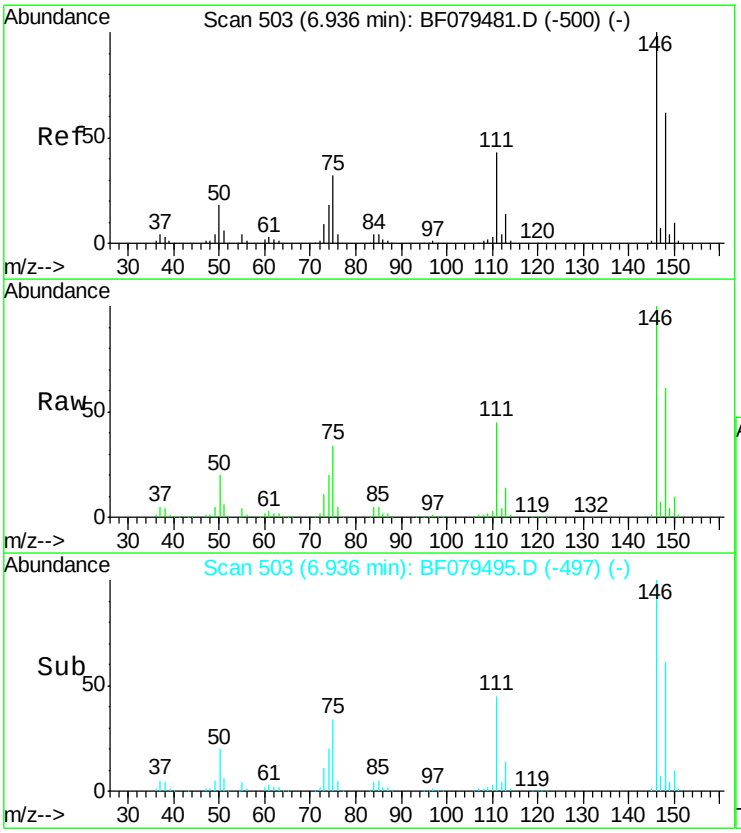
Tgt Ion: 93 Resp: 279058

Ion	Ratio	Lower	Upper
93	100		
63	76.2	51.8	91.8
95	32.5	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

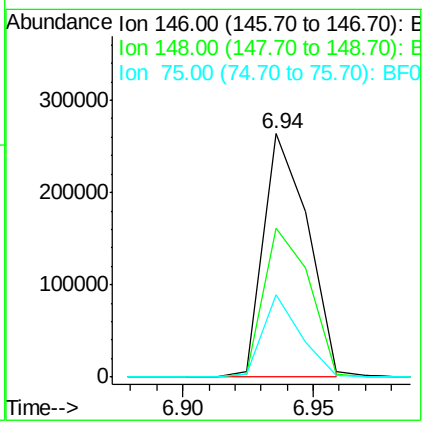
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

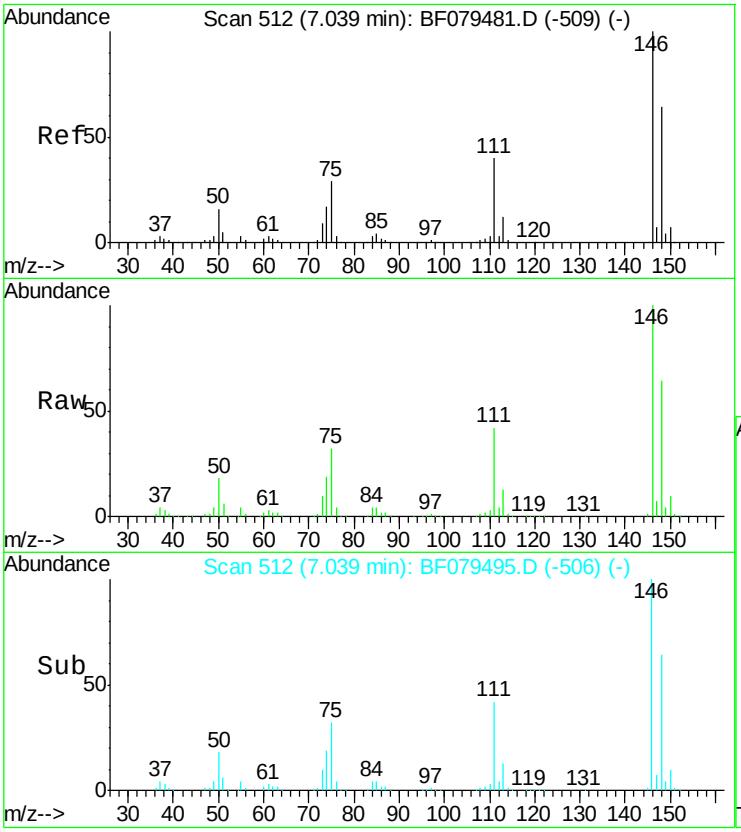


#12
1,3-Dichlorobenzene
Concen: 49.80 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:146 Resp: 312664

Ion	Ratio	Lower	Upper
146	100		
148	61.0	49.6	74.4
75	33.6	25.9	38.9

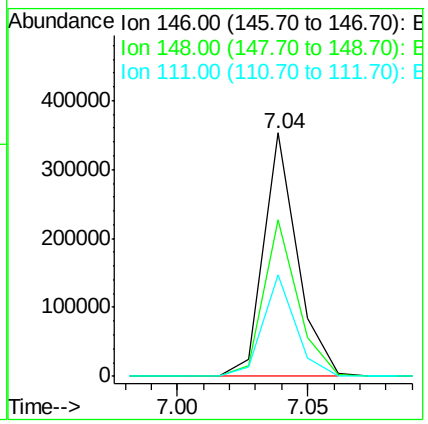




#13
1,4-Dichlorobenzene
Concen: 49.96 ng
RT: 7.04 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

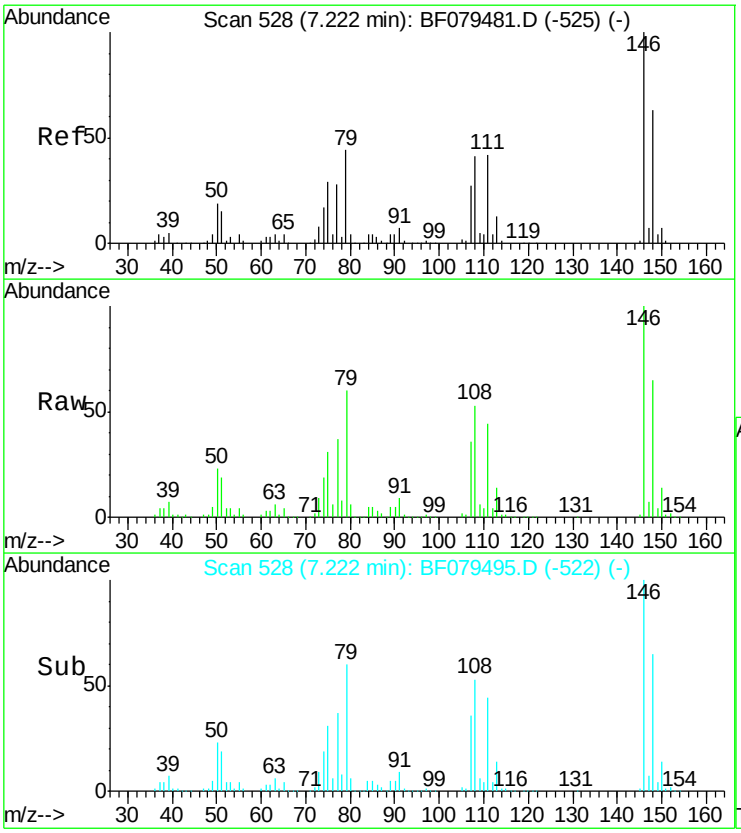
Tgt Ion:146 Resp: 319968

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	41.6	31.8	47.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

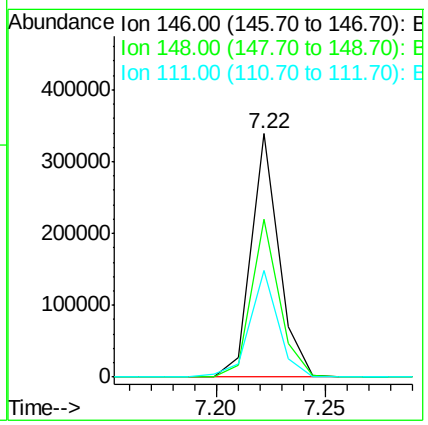
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

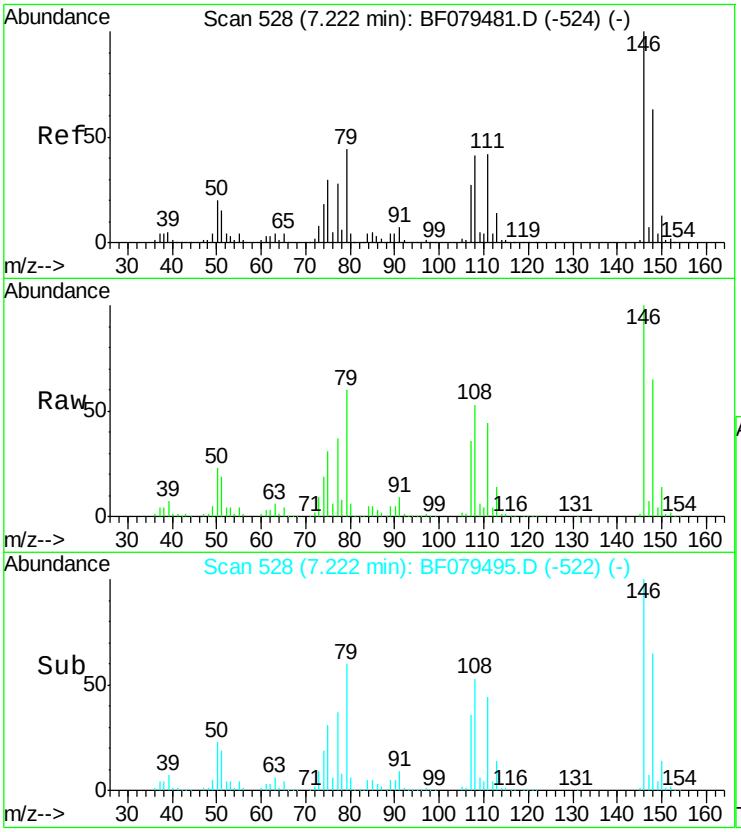


#14
1,2-Dichlorobenzene
Concen: 50.66 ng
RT: 7.22 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:146 Resp: 301328

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	44.0	33.2	49.8

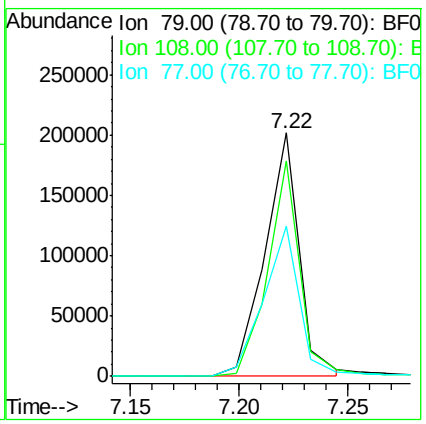




#15
Benzyl Alcohol
Concen: 49.13 ng
RT: 7.22 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

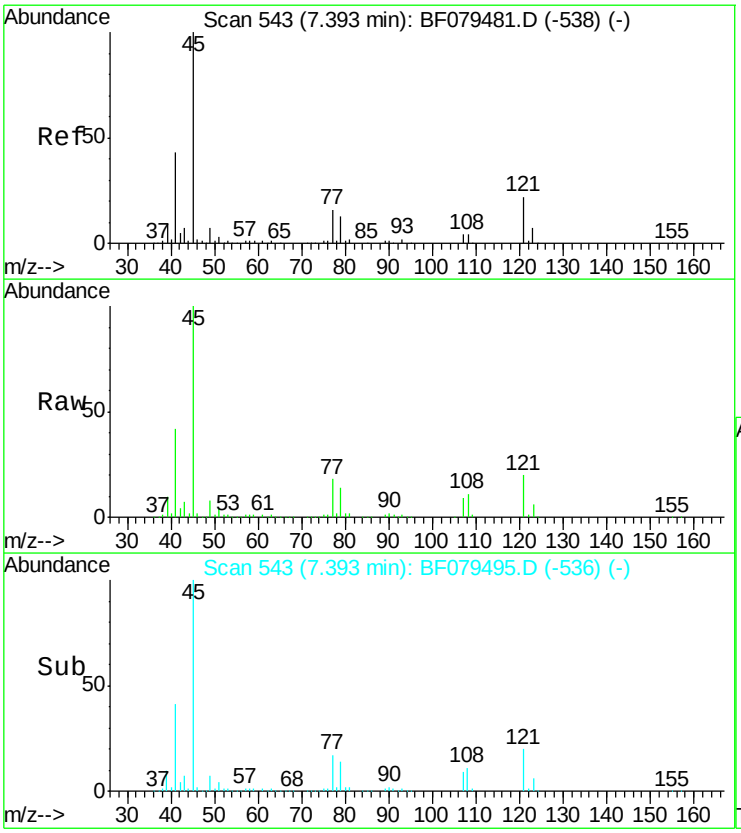
Tgt Ion: 79 Resp: 224033

Ion	Ratio	Lower	Upper
79	100		
108	88.5	73.7	110.5
77	61.9	51.1	76.7



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

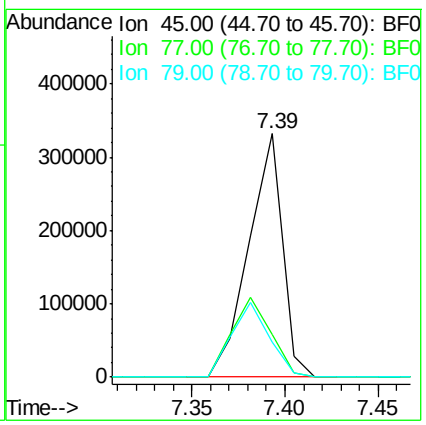
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

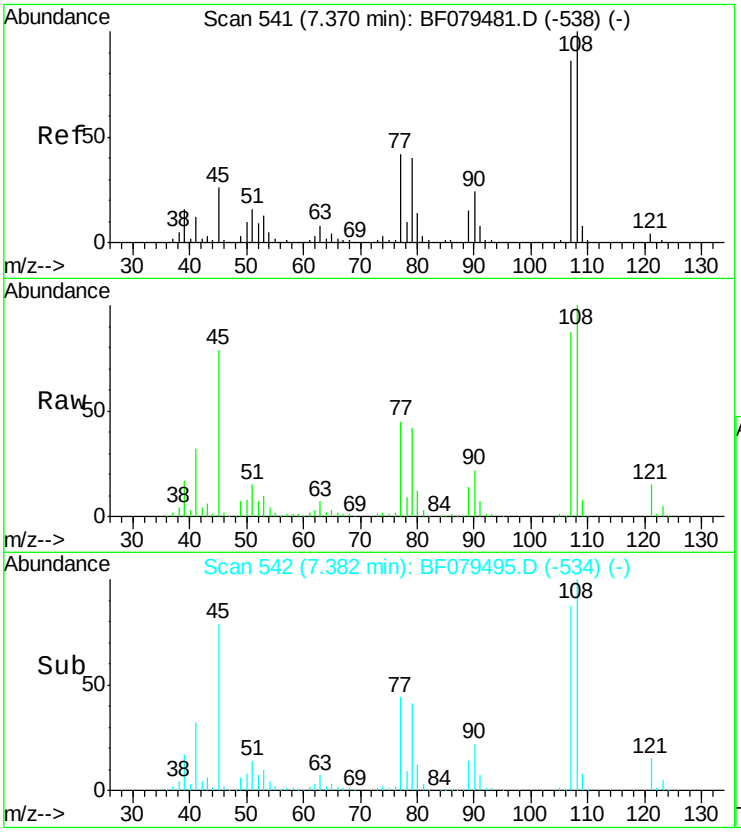


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.03 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 45 Resp: 417880

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	35.5
79	14.3	0.0	32.8

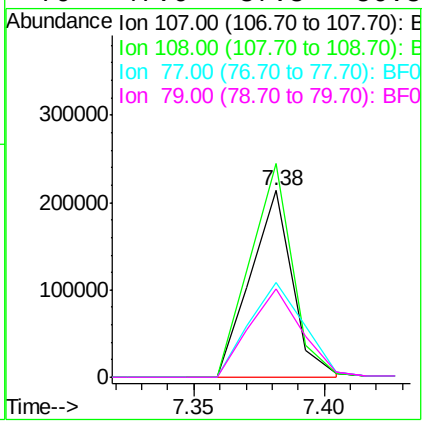




#17
2-Methylphenol
Concen: 53.91 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

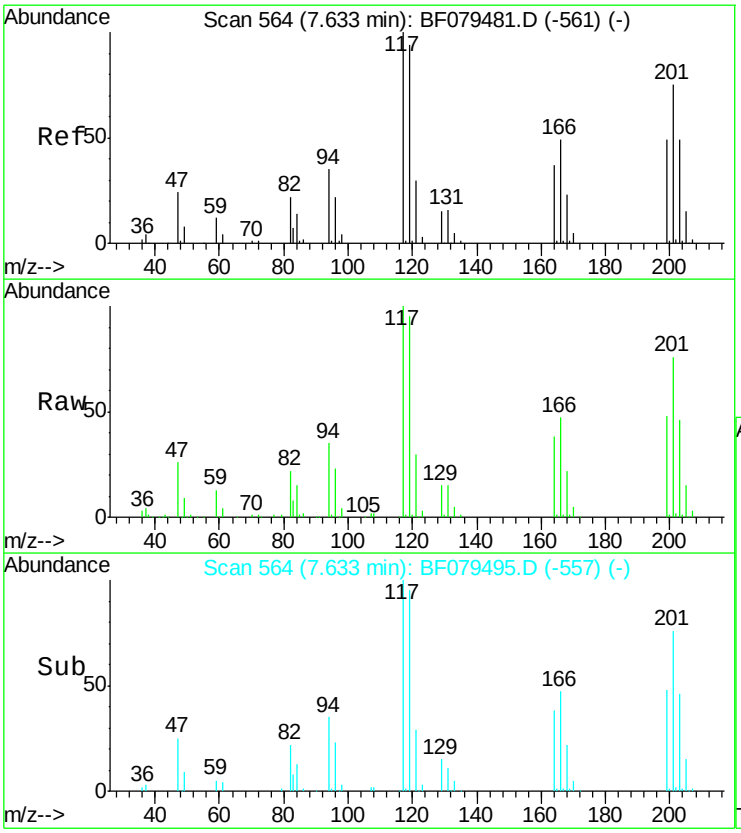
Tgt Ion:107 Resp: 240026

Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.1	139.7
77	51.1	39.2	58.8
79	47.6	37.8	56.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

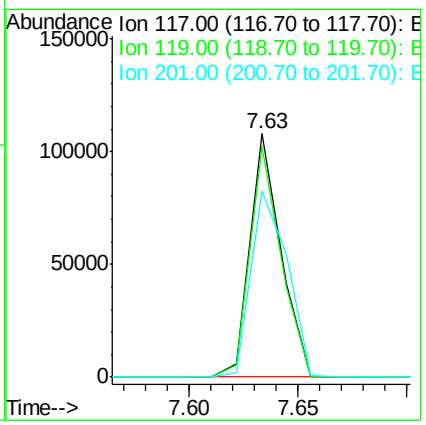
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

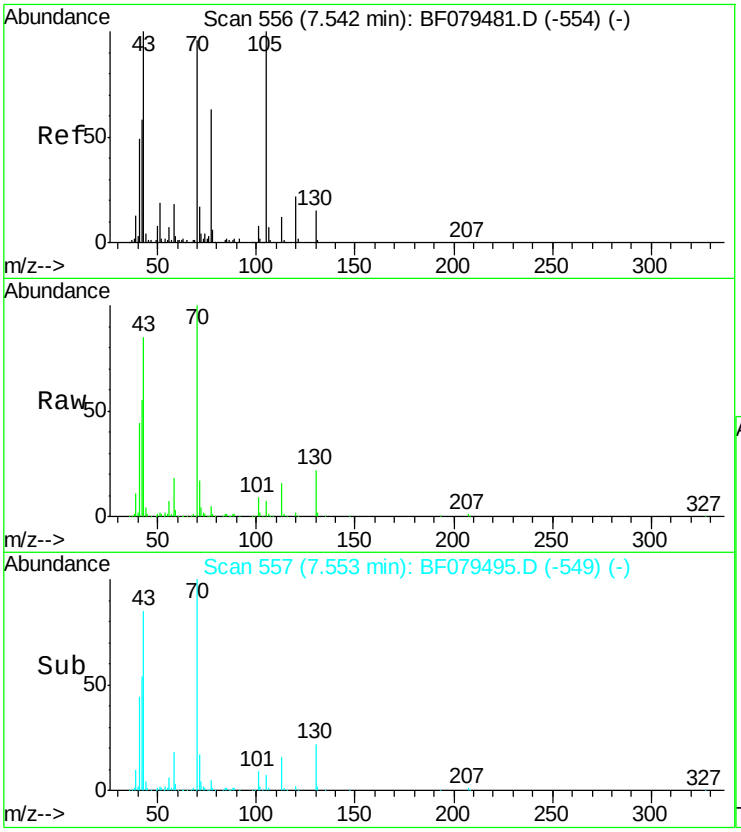


#18
Hexachloroethane
Concen: 48.49 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:117 Resp: 106891

Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.9	112.3
201	76.3	60.2	90.4





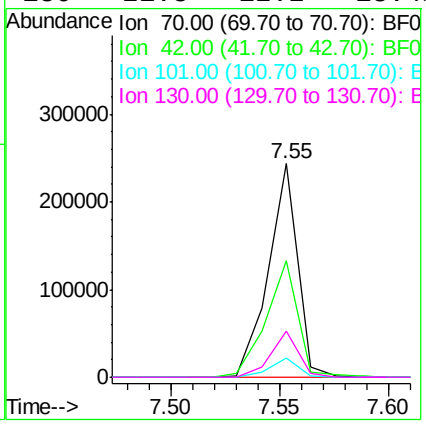
#19
n-Nitroso-di-n-propylamine
Concen: 52.72 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

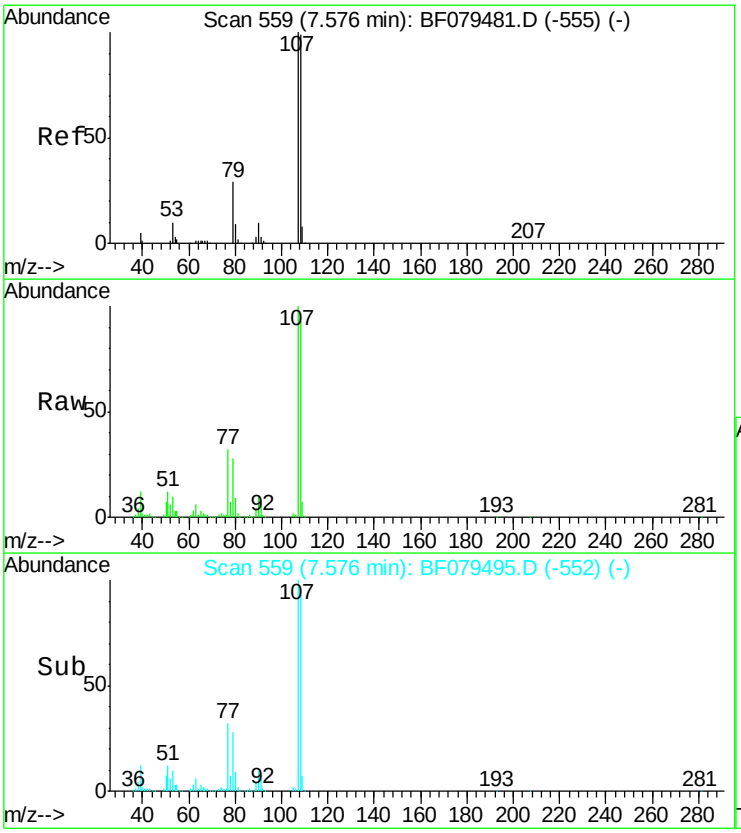
Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

Tgt Ion: 70 Resp: 230141

Ion	Ratio	Lower	Upper
70	100		
42	54.6	48.8	73.2
101	9.1	6.6	9.8
130	21.8	12.2	18.4#

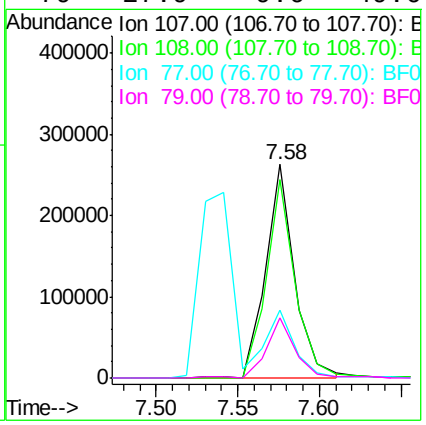


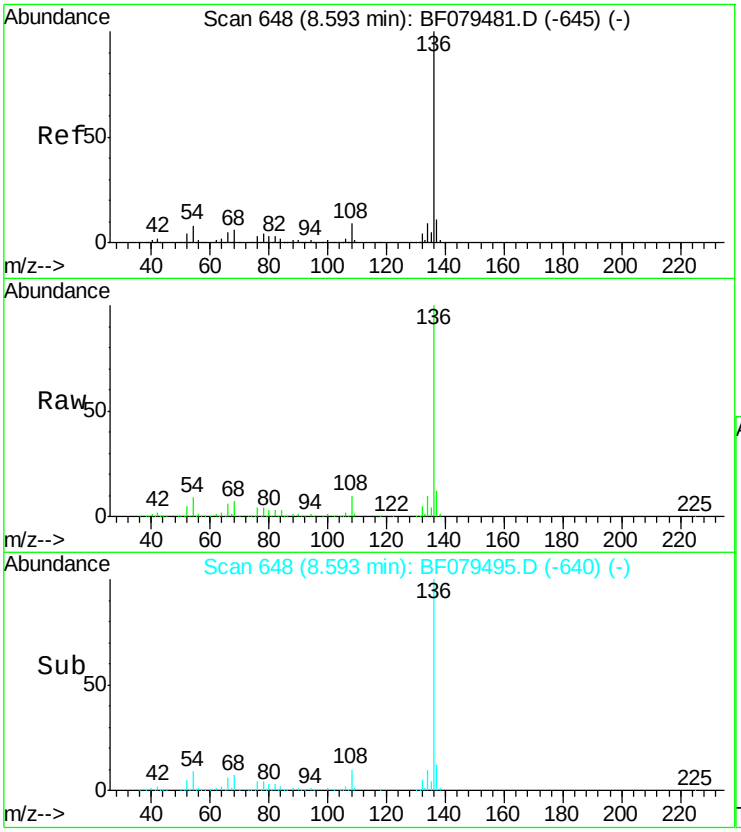


#20
3+4-Methylphenols
Concen: 52.95 ng
RT: 7.58 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:107 Resp: 323941

Ion	Ratio	Lower	Upper
107	100		
108	92.8	77.7	117.7
77	31.9	11.4	51.4
79	27.9	9.6	49.6

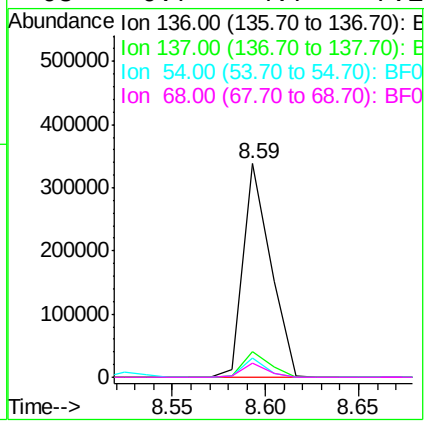




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

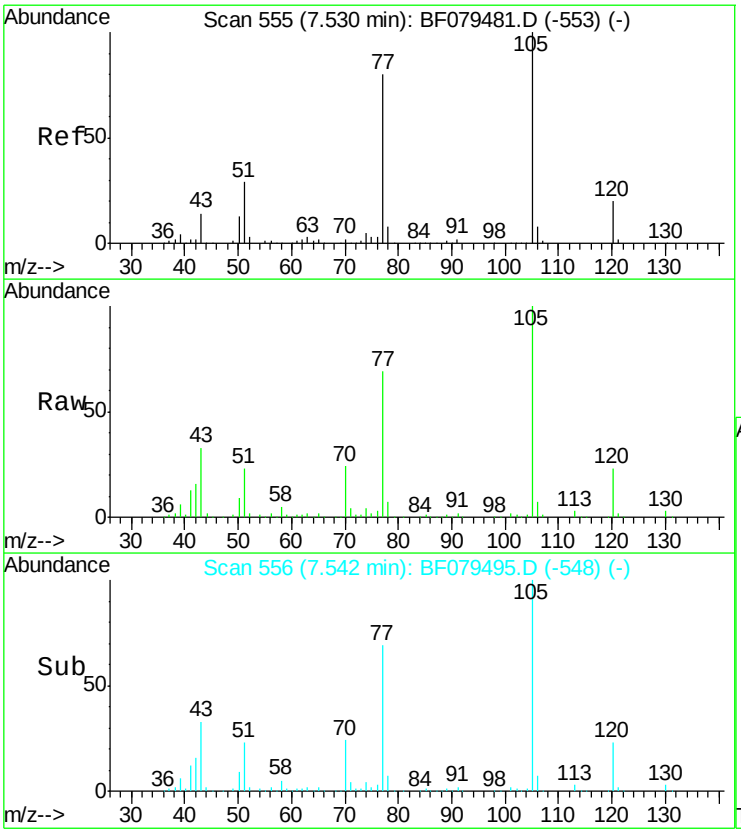
Tgt Ion:136 Resp: 346680

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	8.7	6.6	9.8
68	6.7	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

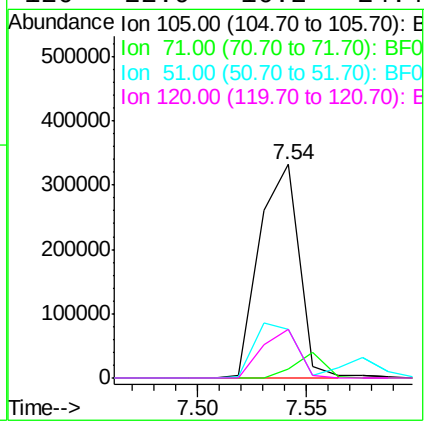
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

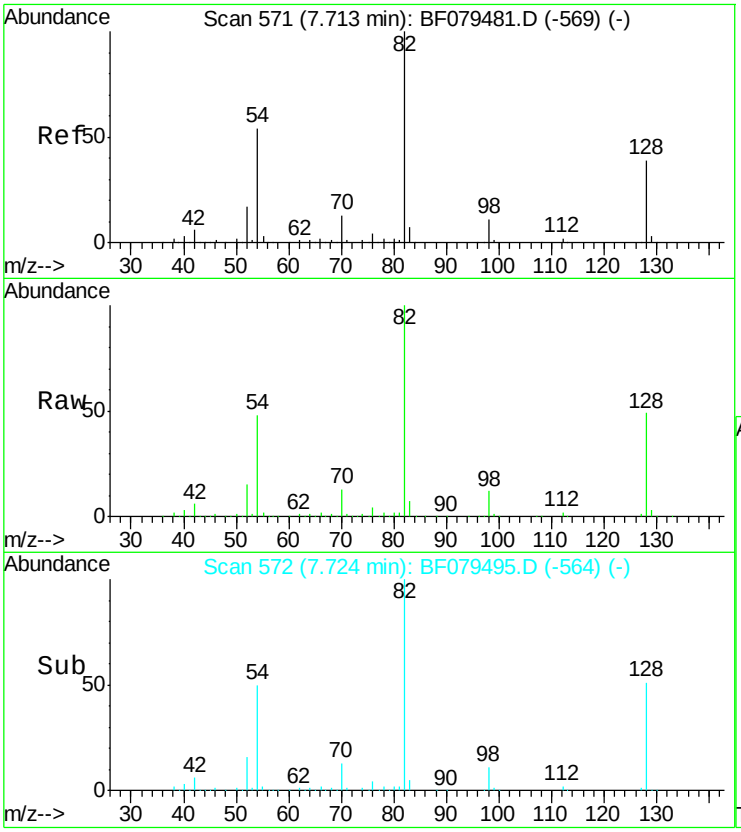


#22
Acetophenone
Concen: 54.58 ng
RT: 7.54 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:105 Resp: 423962

Ion	Ratio	Lower	Upper
105	100		
71	4.0	0.2	0.4#
51	22.5	23.7	35.5#
120	22.9	16.2	24.4

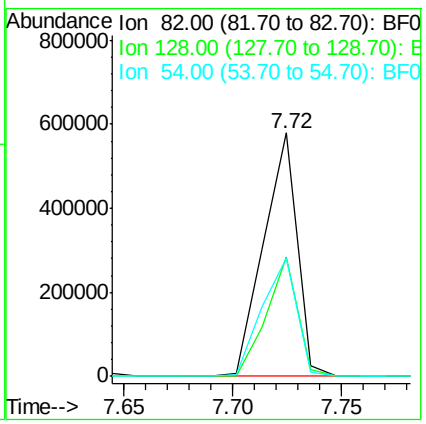




#23
Nitrobenzene-d5
Concen: 104.82 ng
RT: 7.72 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

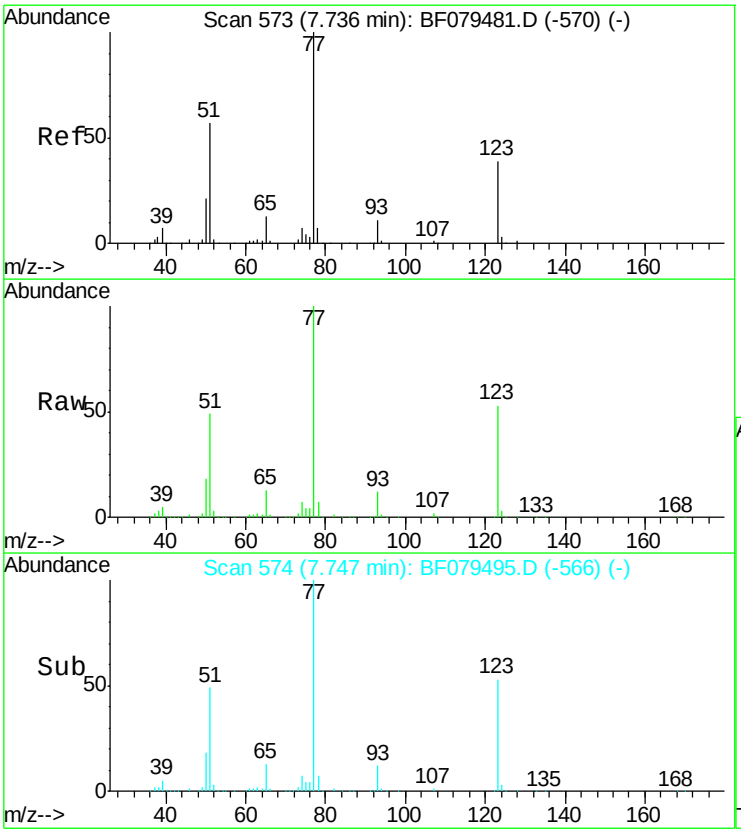
Tgt Ion: 82 Resp: 628666

Ion	Ratio	Lower	Upper
82	100		
128	49.1	30.8	46.2#
54	48.3	42.8	64.2



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

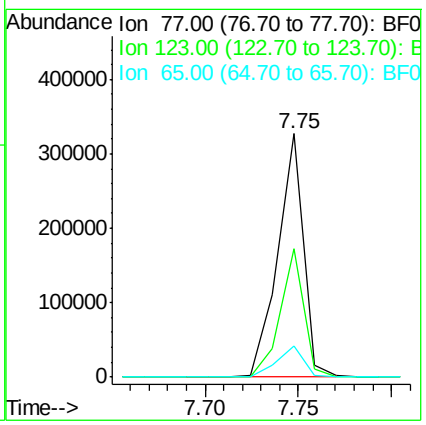
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

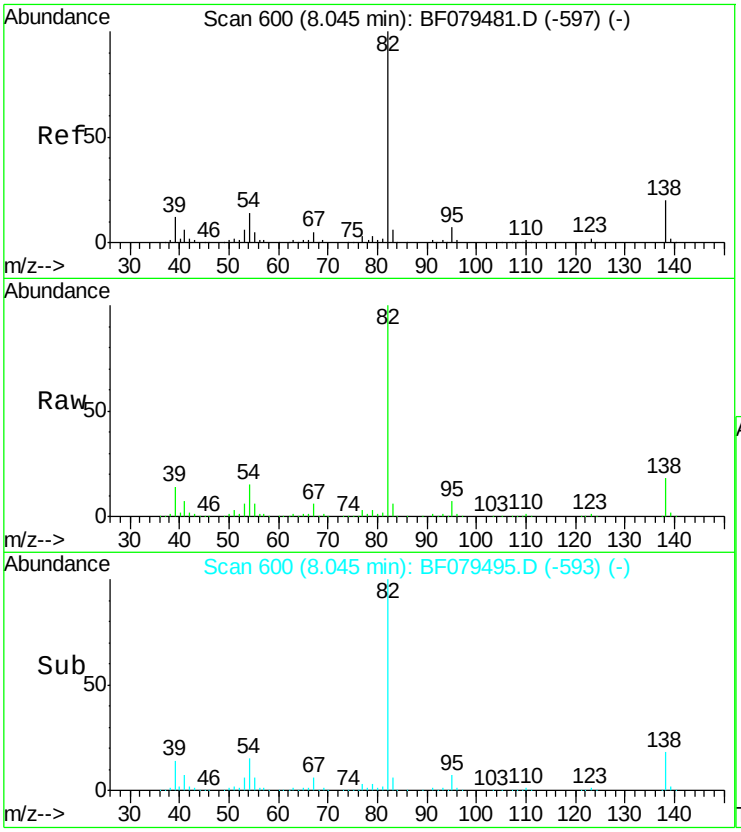


#24
Nitrobenzene
Concen: 53.13 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 77 Resp: 314079

Ion	Ratio	Lower	Upper
77	100		
123	52.6	31.0	46.4#
65	12.6	10.6	15.8

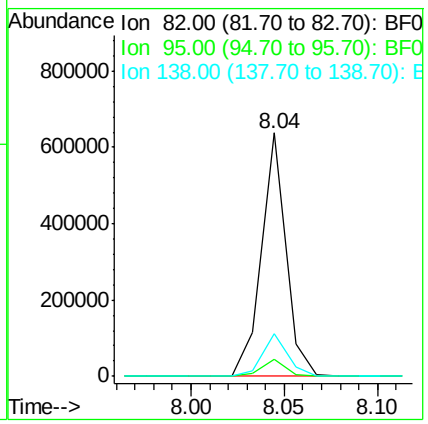




#25
Isophorone
Concen: 53.03 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

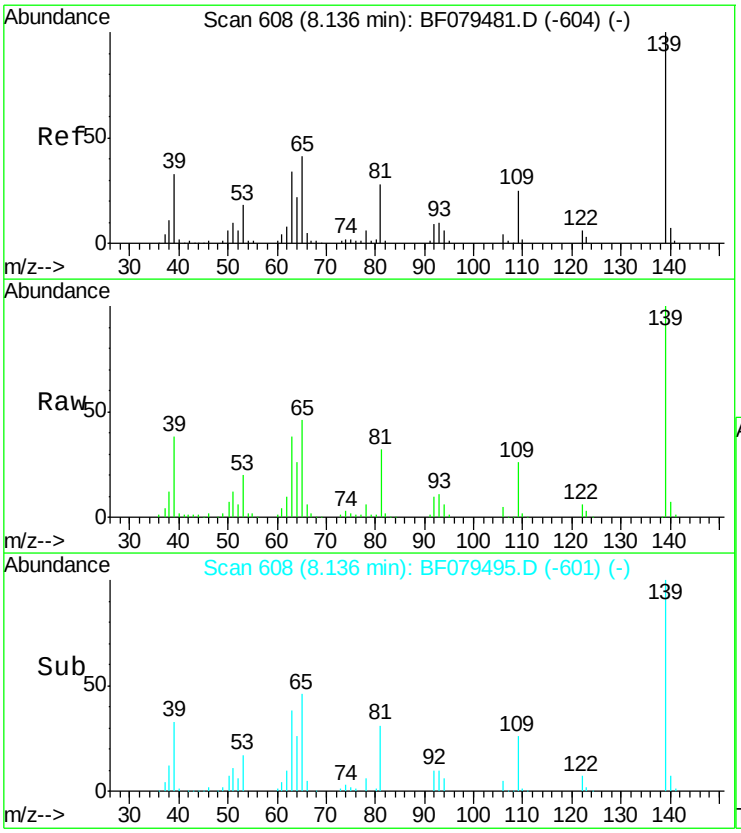
Tgt Ion: 82 Resp: 579749

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.8	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

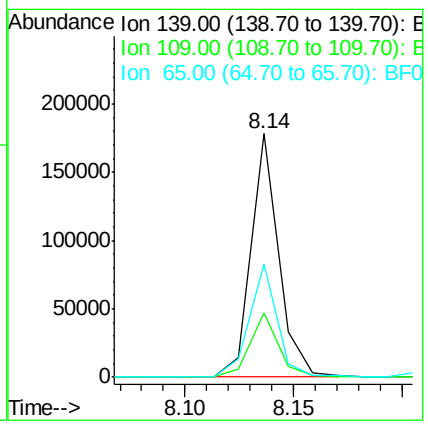
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

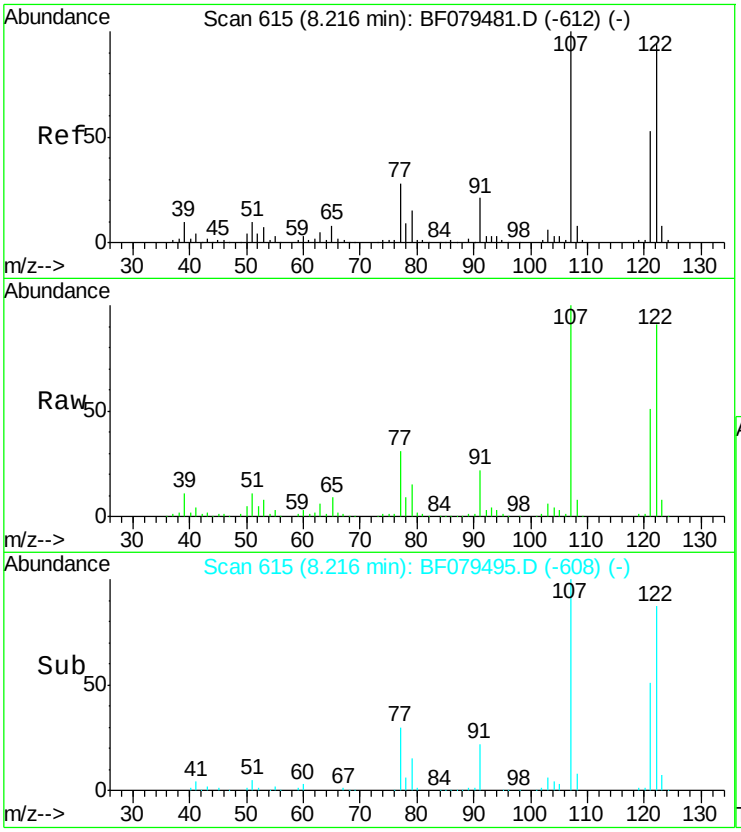


#26
2-Nitrophenol
Concen: 56.30 ng
RT: 8.14 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:139 Resp: 157567

Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.2	30.2
65	46.2	32.5	48.7

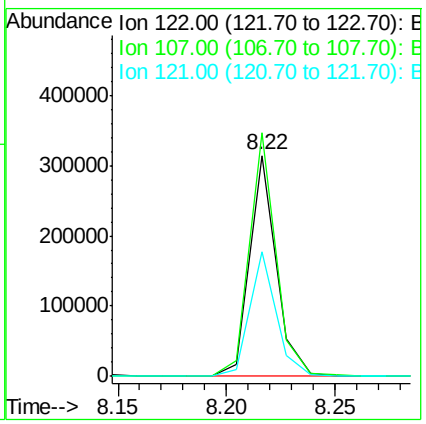




#27
2,4-Dimethylphenol
Concen: 53.20 ng
RT: 8.22 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

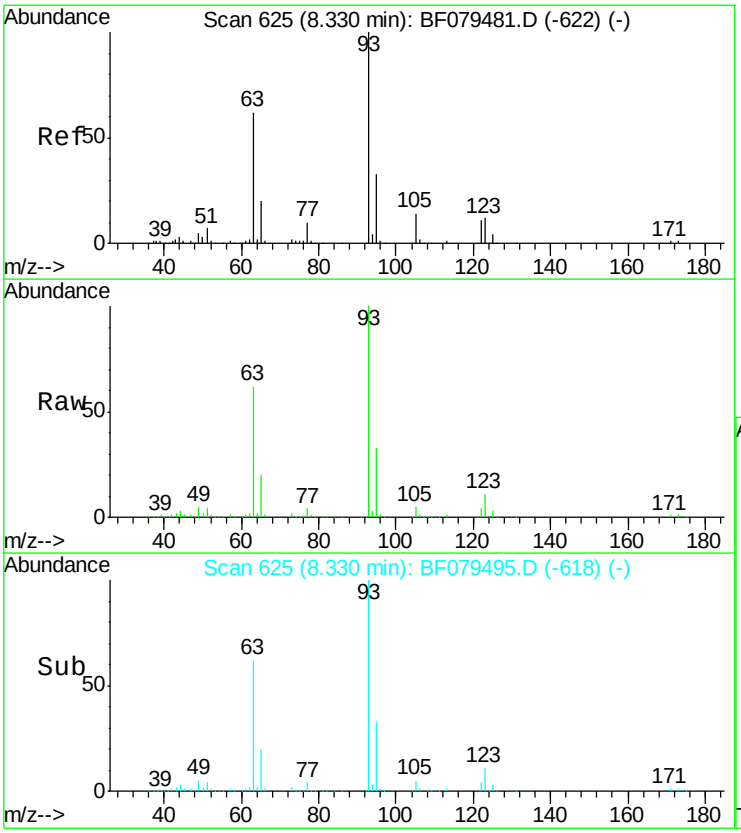
Tgt Ion:122 Resp: 267629

Ion	Ratio	Lower	Upper
122	100		
107	110.4	85.2	127.8
121	56.4	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

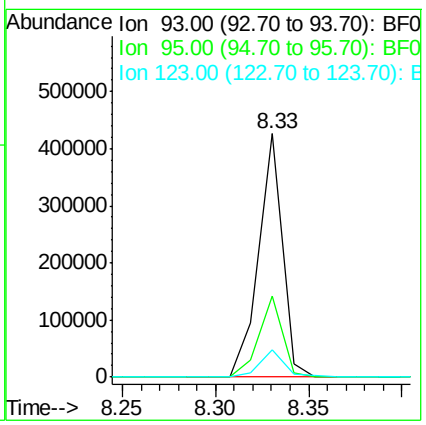
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

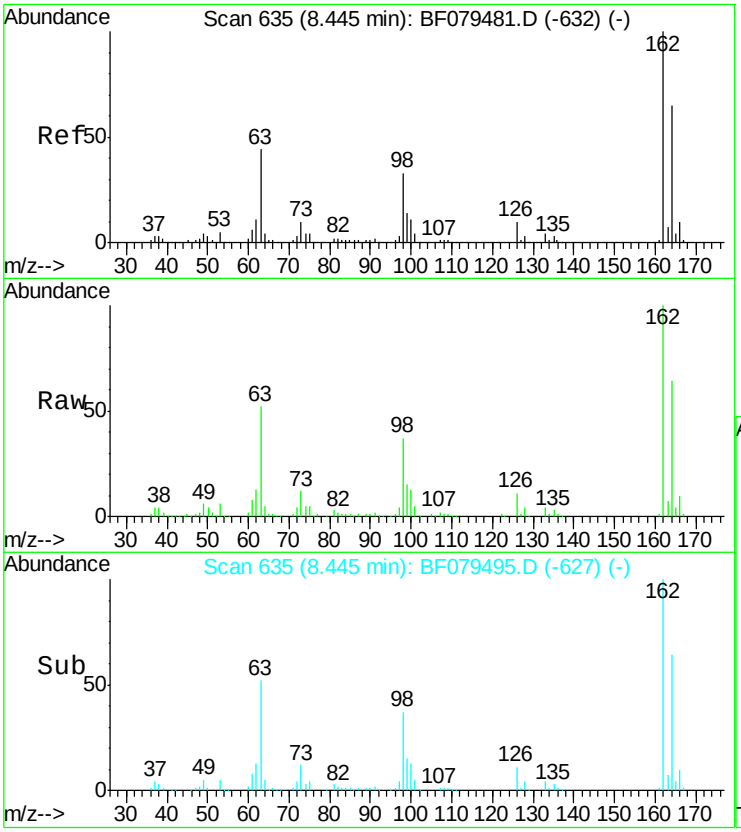


#28
bis(2-Chloroethoxy)methane
Concen: 55.57 ng
RT: 8.33 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 93 Resp: 376540

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	39.8
123	11.0	9.4	14.0

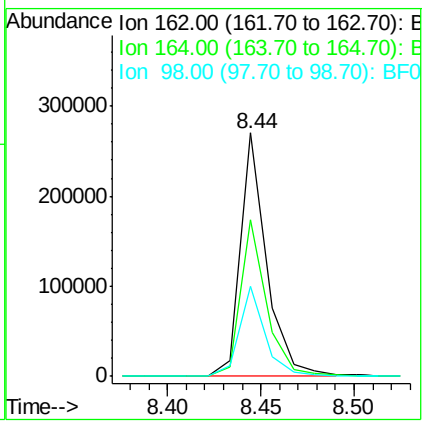




#29
2,4-Dichlorophenol
Concen: 57.19 ng
RT: 8.44 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

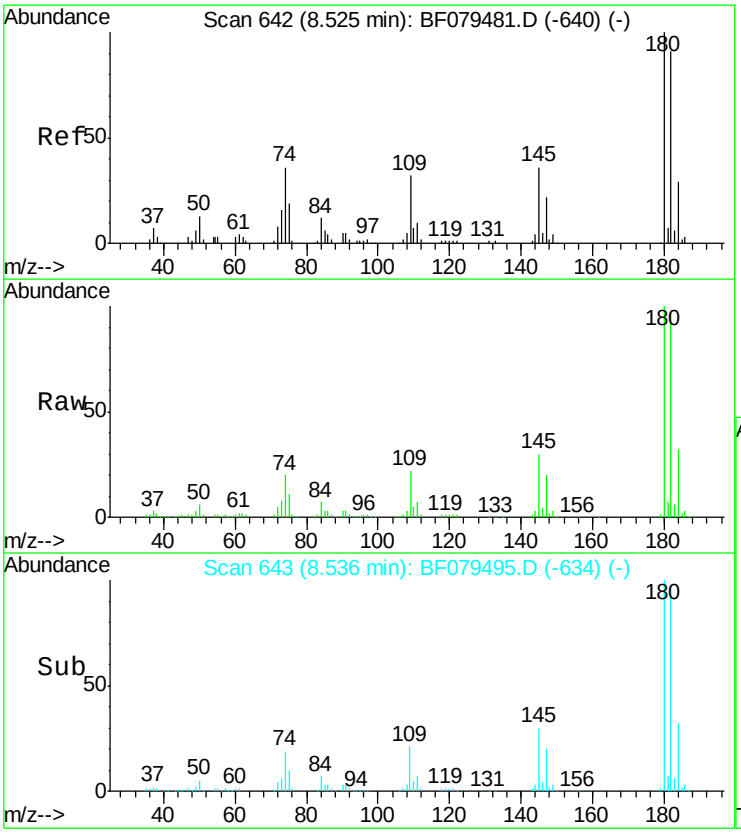
Tgt Ion:162 Resp: 263558

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.0	85.0
98	37.0	13.2	53.2



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

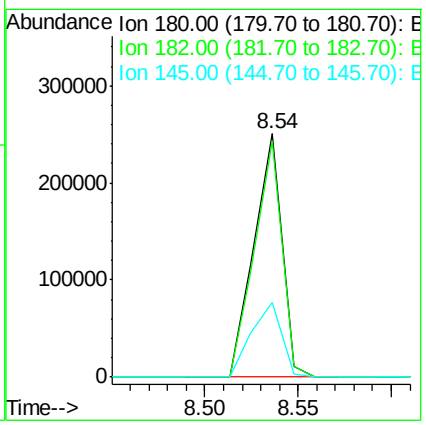
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

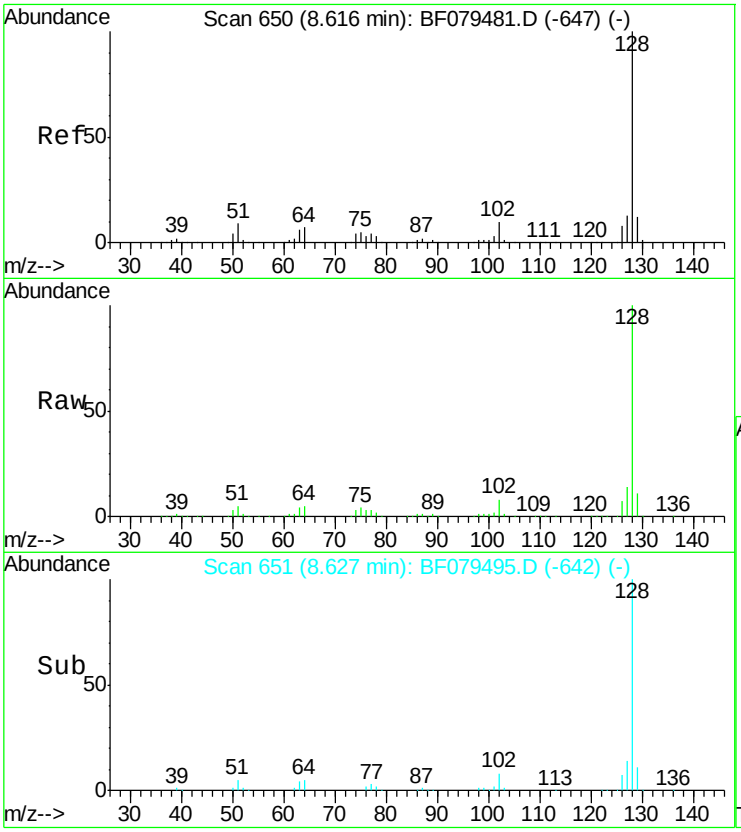


#30
1,2,4-Trichlorobenzene
Concen: 54.29 ng
RT: 8.54 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:180 Resp: 259490

Ion	Ratio	Lower	Upper
180	100		
182	97.1	73.2	109.8
145	30.5	28.9	43.3

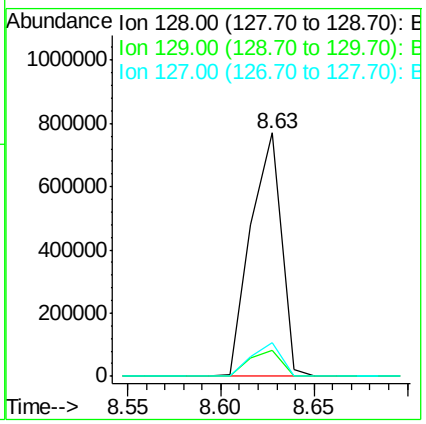




#31
Naphthalene
Concen: 52.78 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

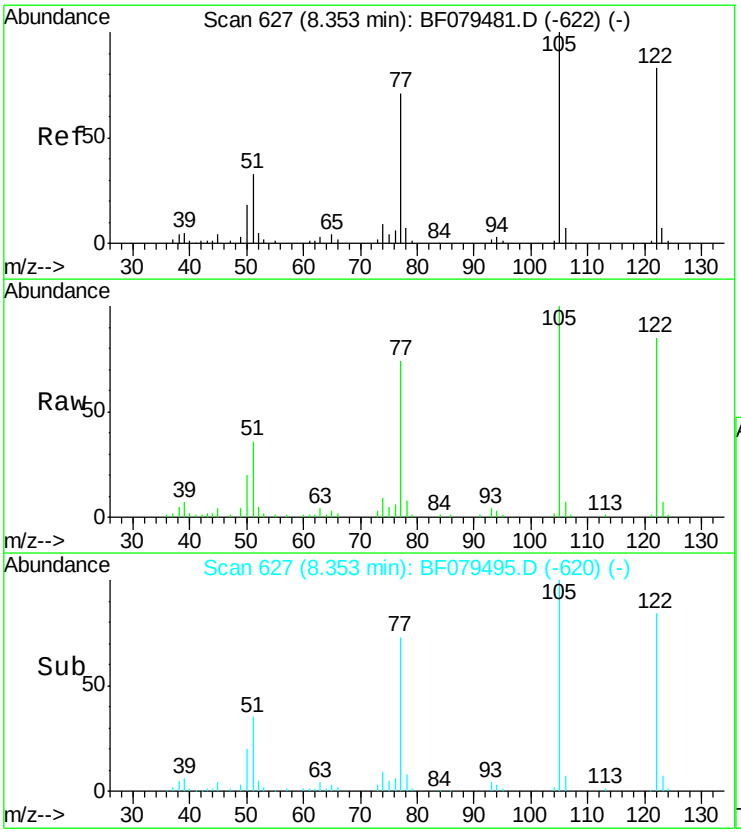
Tgt Ion:128 Resp: 878141

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	13.6	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

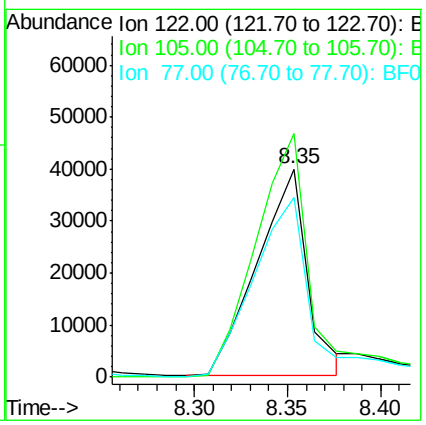
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

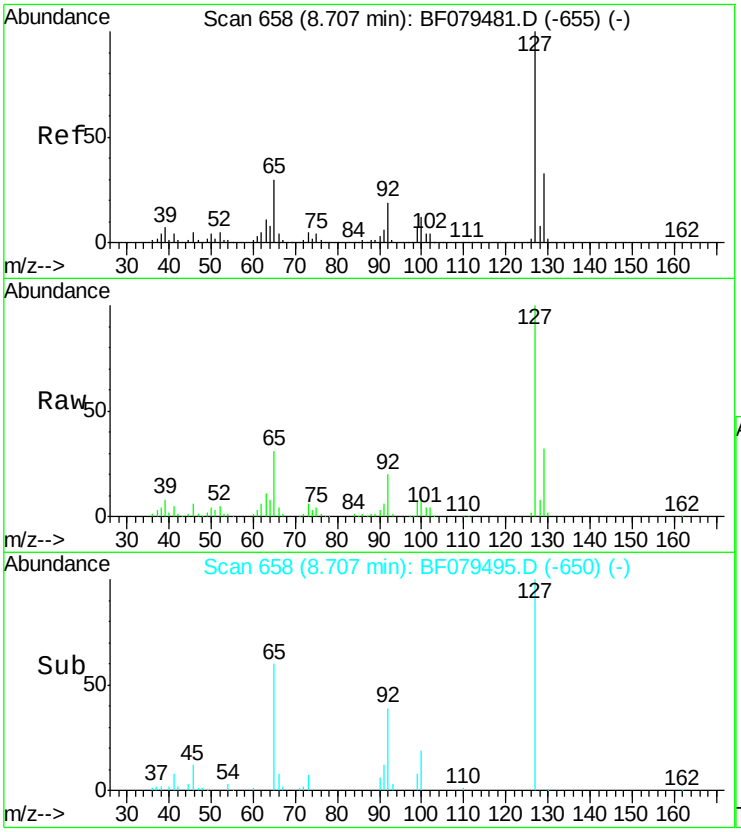


#32
Benzoic acid
Concen: 23.77 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:122 Resp: 74218

Ion	Ratio	Lower	Upper
122	100		
105	117.1	100.2	140.2
77	86.3	64.8	104.8

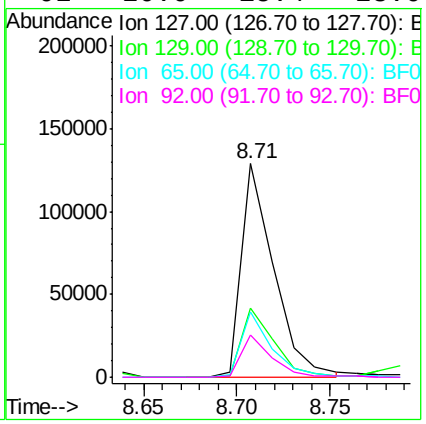




#33
4-Chloroaniline
Concen: 22.57 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

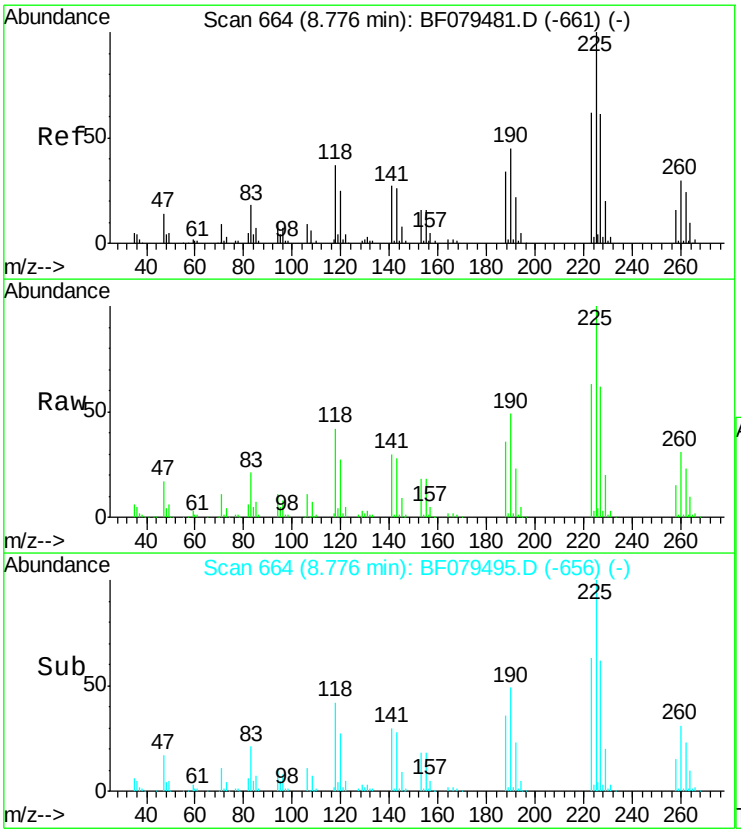
Tgt Ion:127 Resp: 156898

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	30.8	24.2	36.4
92	20.0	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

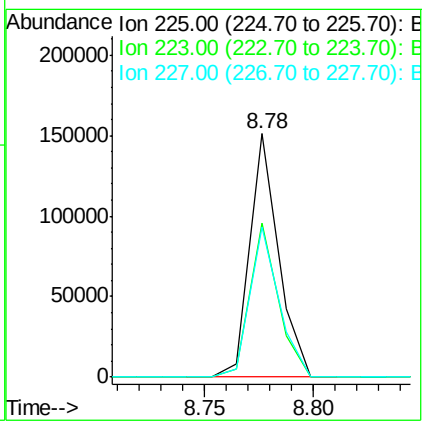
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

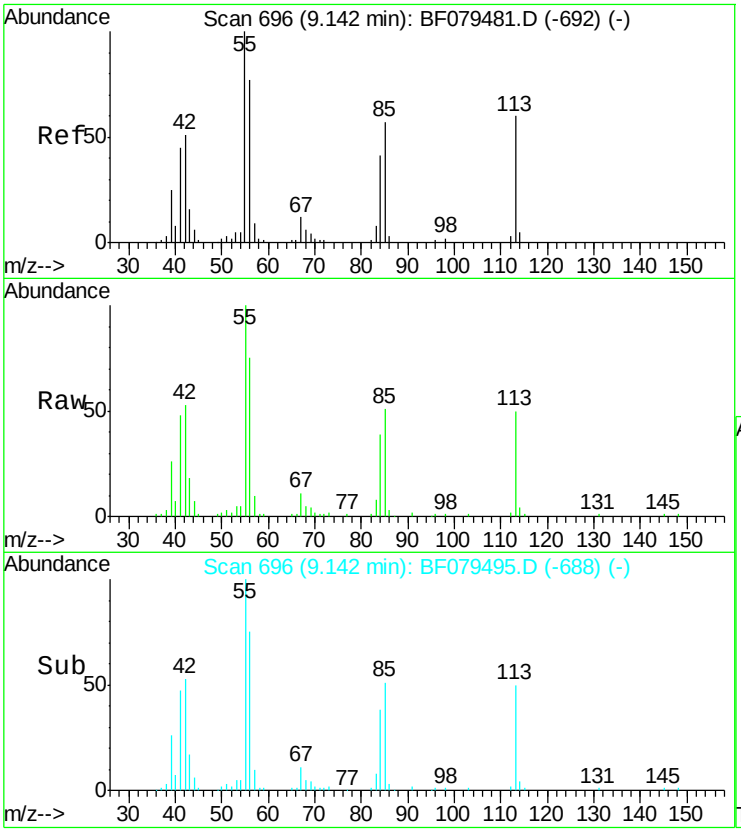


#34
Hexachlorobutadiene
Concen: 50.89 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:225 Resp: 138360

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	61.8	48.9	73.3

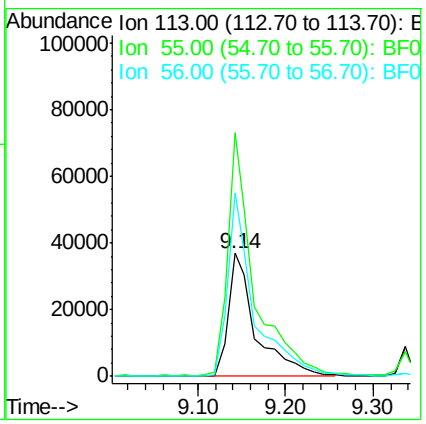




#35
Caprolactam
Concen: 56.08 ng m
RT: 9.14 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

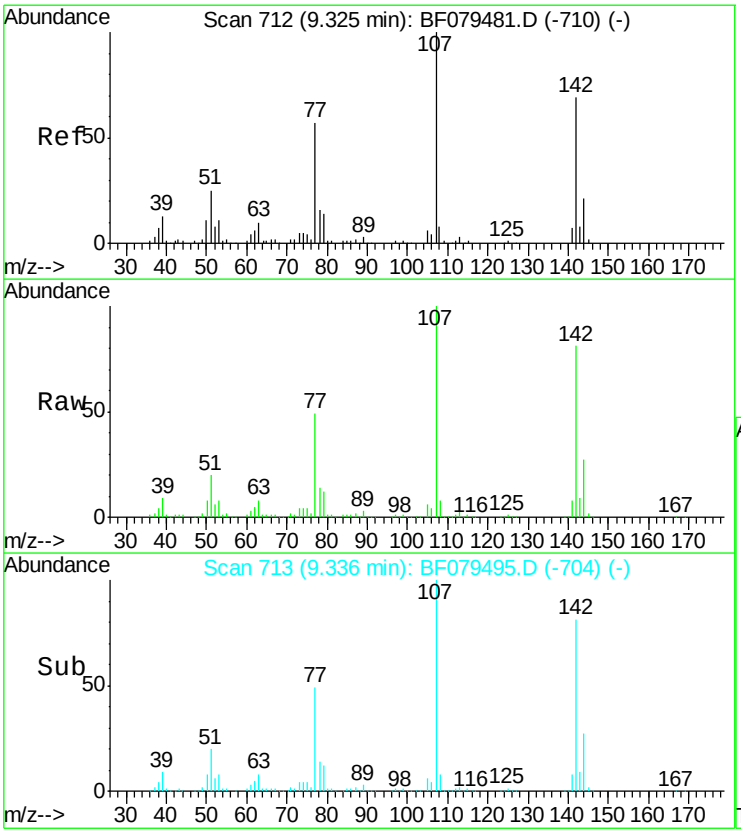
Tgt Ion:113 Resp: 81498

Ion	Ratio	Lower	Upper
113	100		
55	198.0	147.2	187.2#
56	149.5	108.6	148.6#



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

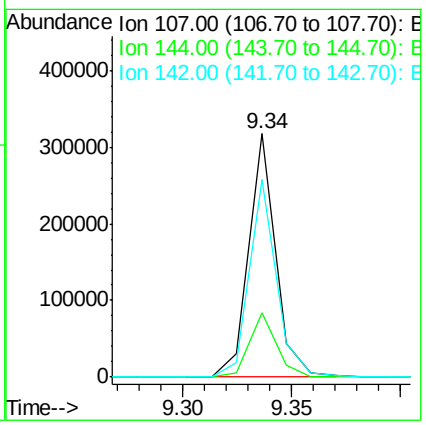
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

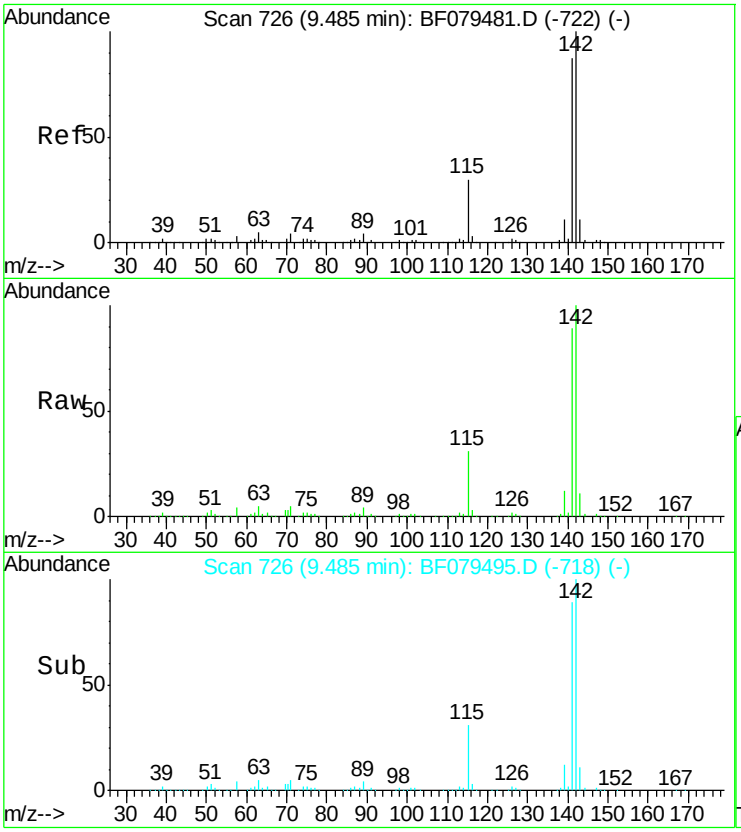


#36
4-Chloro-3-methylphenol
Concen: 57.49 ng
RT: 9.34 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:107 Resp: 274794

Ion	Ratio	Lower	Upper
107	100		
144	26.5	16.9	25.3#
142	81.0	55.2	82.8

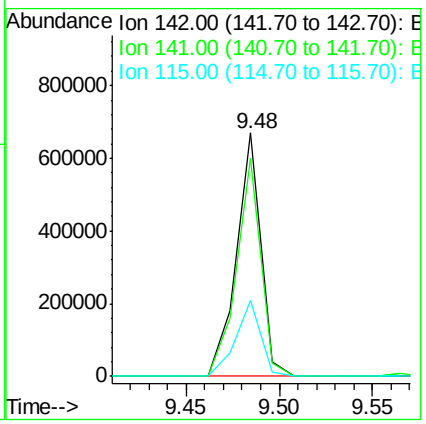




#37
2-Methylnaphthalene
Concen: 53.36 ng
RT: 9.48 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

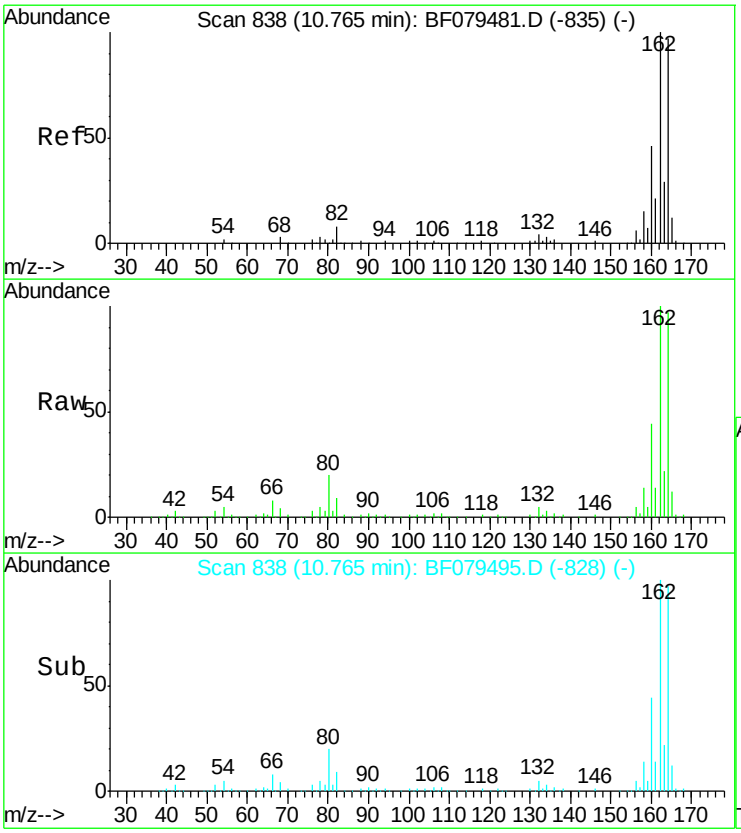
Tgt Ion:142 Resp: 616335

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.5	104.3
115	31.3	23.8	35.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

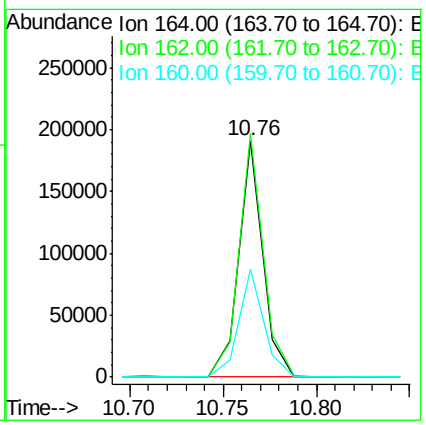
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

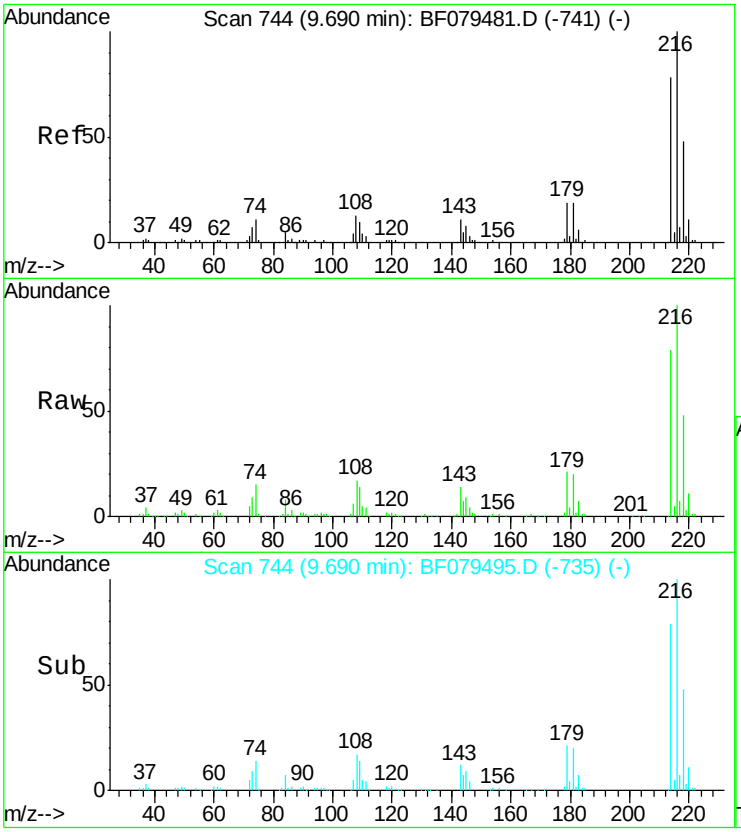


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:164 Resp: 171770

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	45.7	37.7	56.5





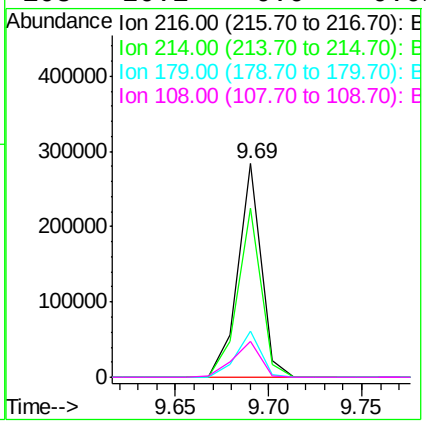
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.99 ng
RT: 9.69 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

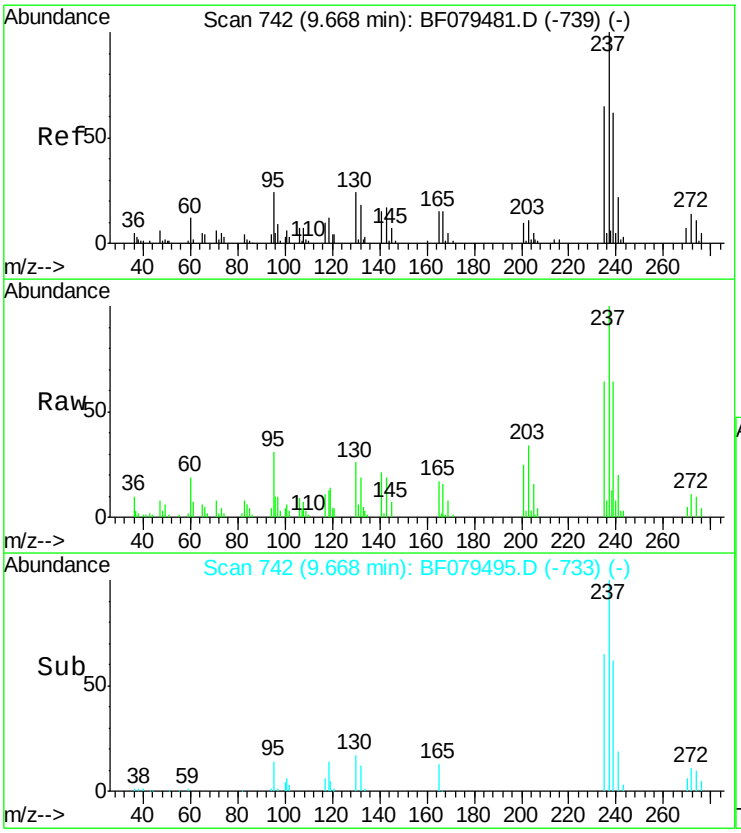
Tgt Ion:216 Resp: 249793

Ion	Ratio	Lower	Upper
216	100		
214	79.3	0.0	0.0#
179	22.1	0.0	0.0#
108	20.1	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

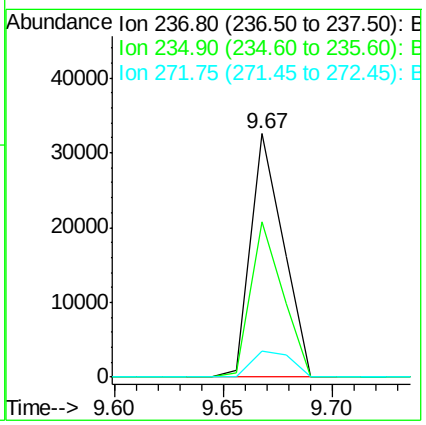


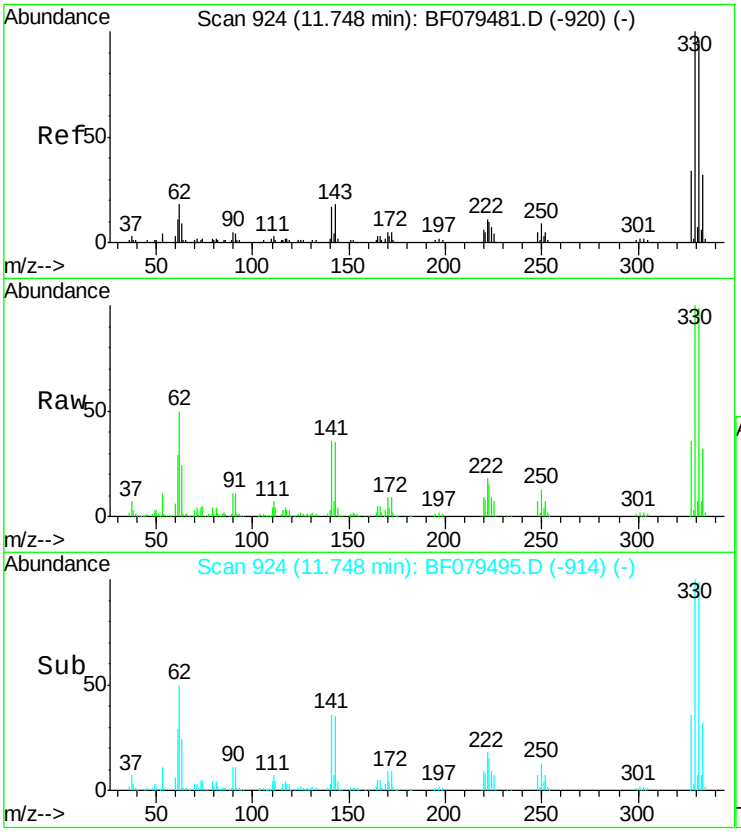


#40
Hexachlorocyclopentadiene
Concen: 35.27 ng
RT: 9.67 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:237 Resp: 33993

Ion	Ratio	Lower	Upper
237	100		
235	63.6	45.0	85.0
272	10.7	0.0	33.9





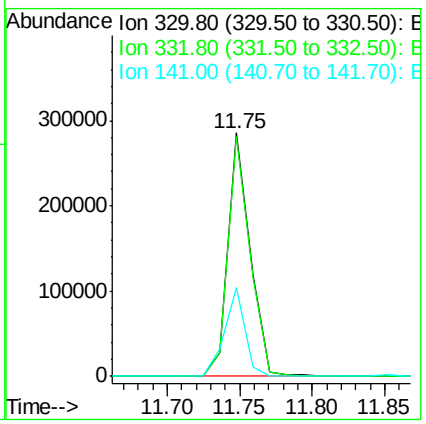
#41
2,4,6-Tribromophenol
Concen: 160.77 ng
RT: 11.75 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

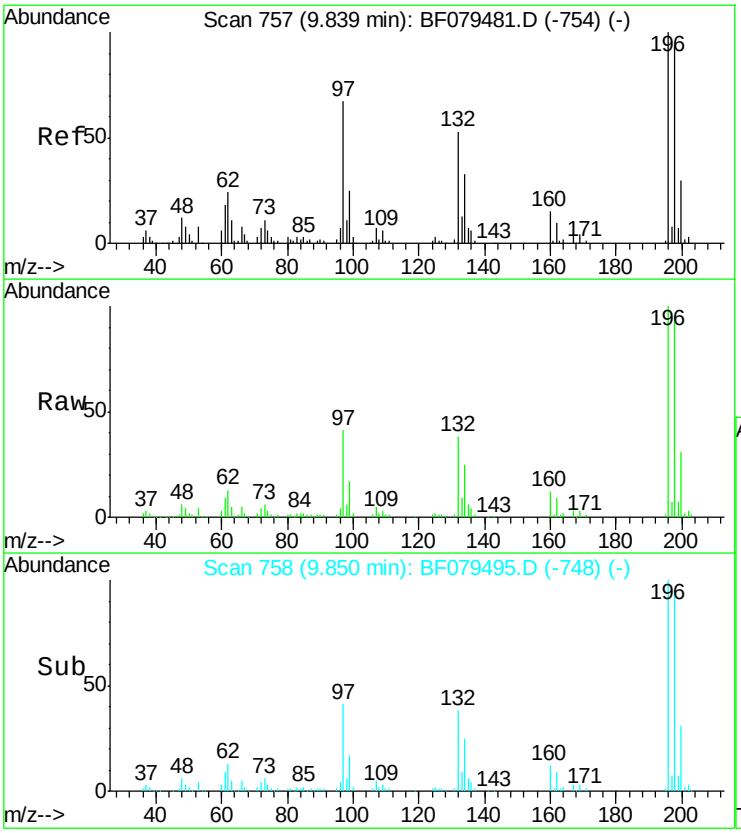
Tgt Ion:330 Resp: 303328

Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	34.2	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

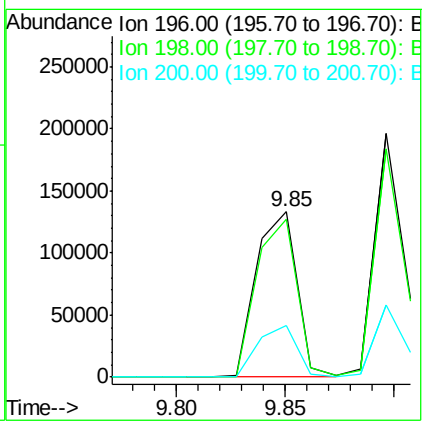


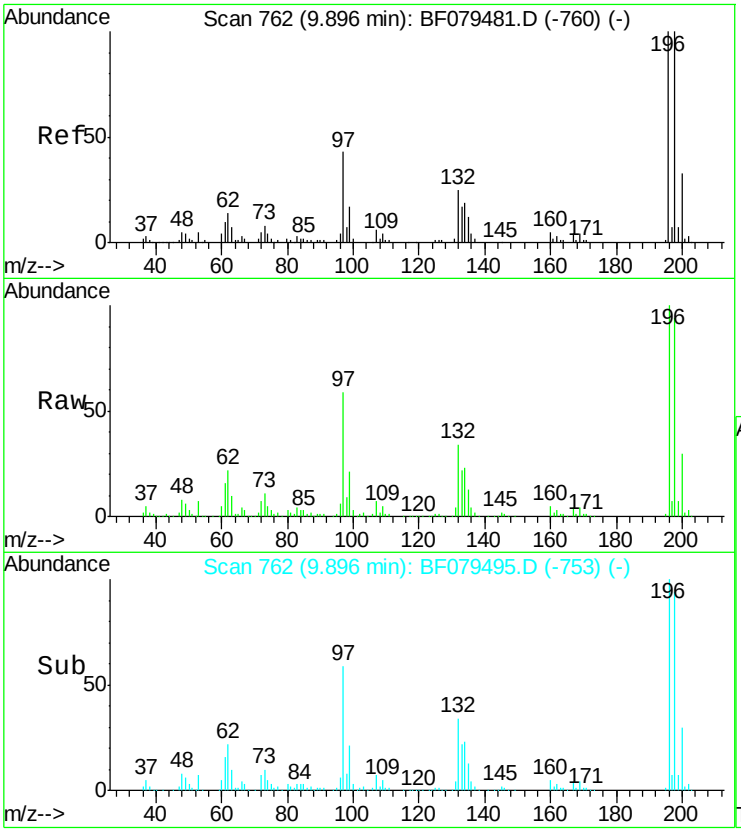


#42
2,4,6-Trichlorophenol
Concen: 52.15 ng
RT: 9.85 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:196 Resp: 174941

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.3	112.9
200	31.3	23.8	35.8

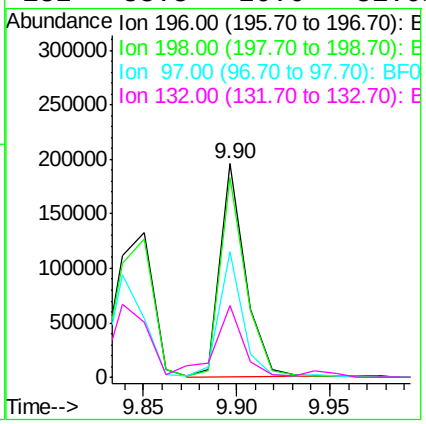




#43
2,4,5-Trichlorophenol
Concen: 56.11 ng
RT: 9.90 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

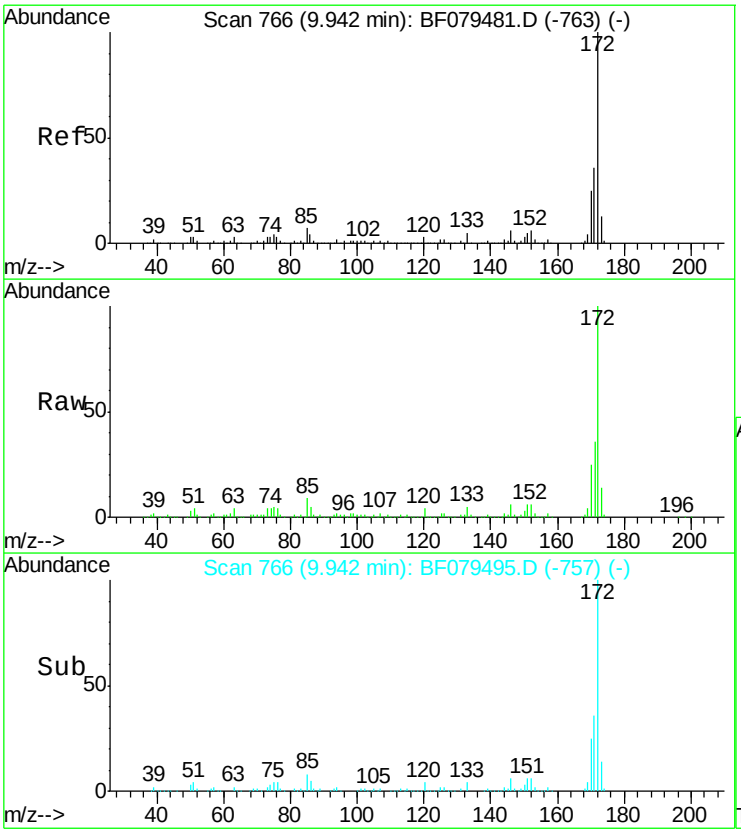
Tgt Ion:196 Resp: 187373

Ion	Ratio	Lower	Upper
196	100		
198	93.6	80.3	120.5
97	59.0	34.8	52.2#
132	33.8	20.6	31.0#



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

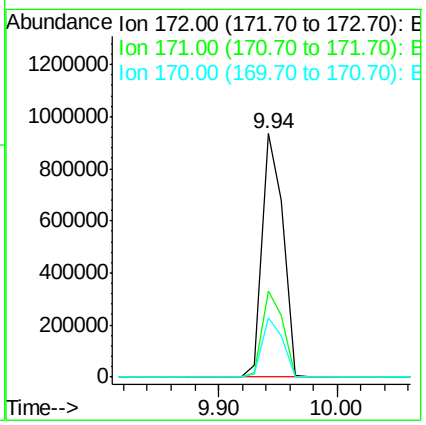
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

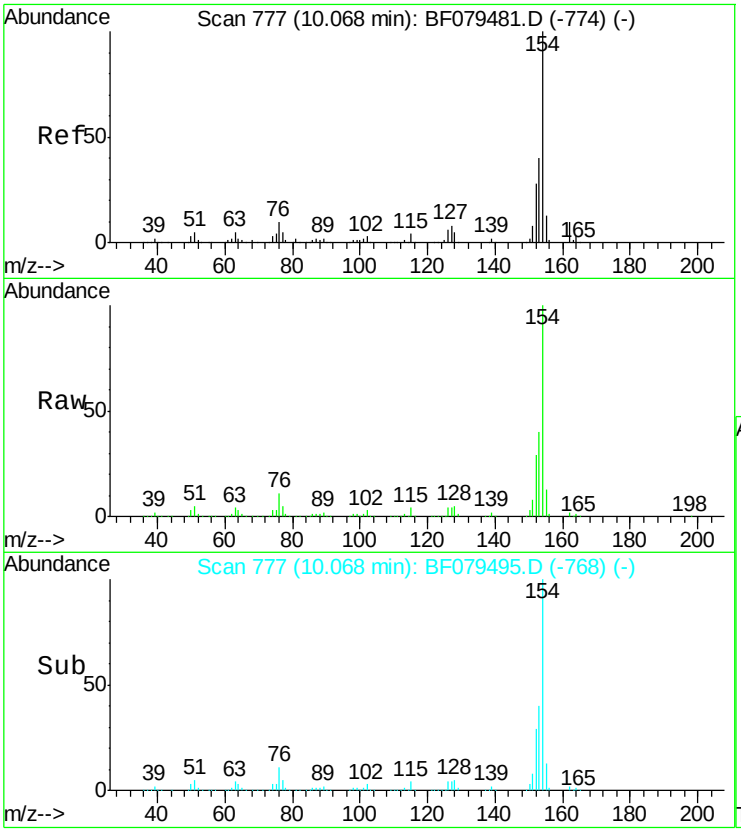


#44
2-Fluorobiphenyl
Concen: 95.14 ng
RT: 9.94 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:172 Resp: 1145449

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.6	19.7	29.5

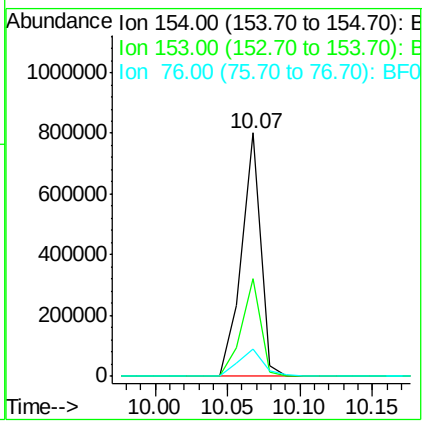




#45
1,1'-Biphenyl
Concen: 54.92 ng
RT: 10.07 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

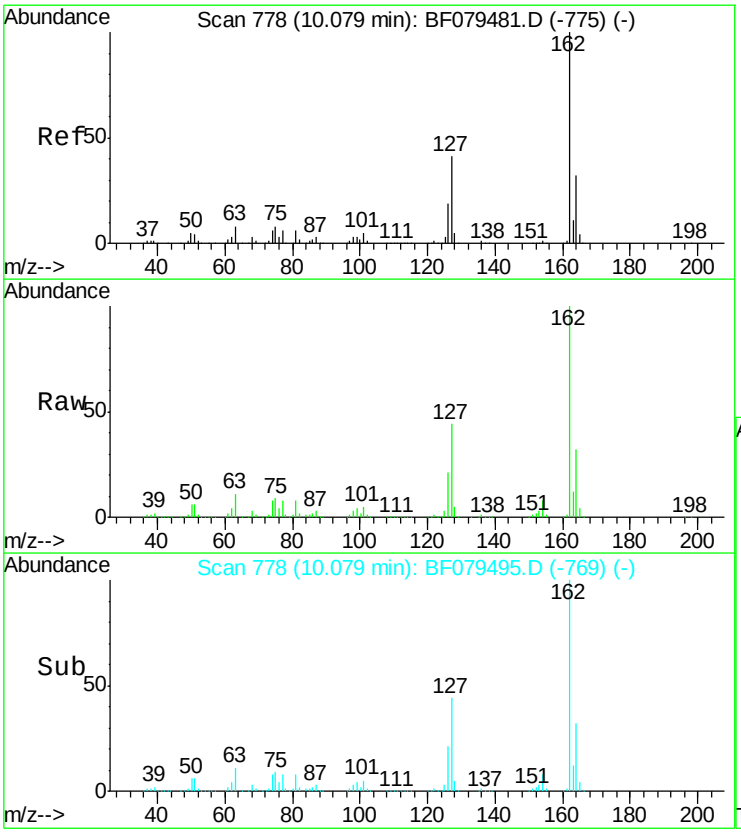
Tgt Ion:154 Resp: 736793

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.5	59.5
76	11.3	0.0	29.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

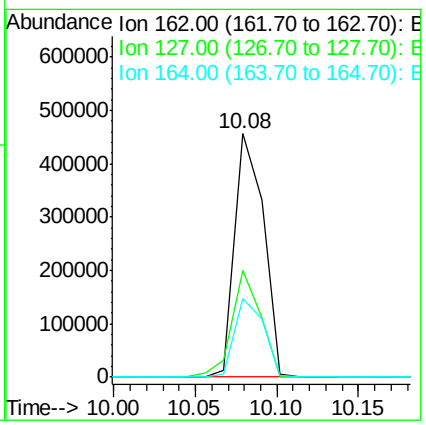
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

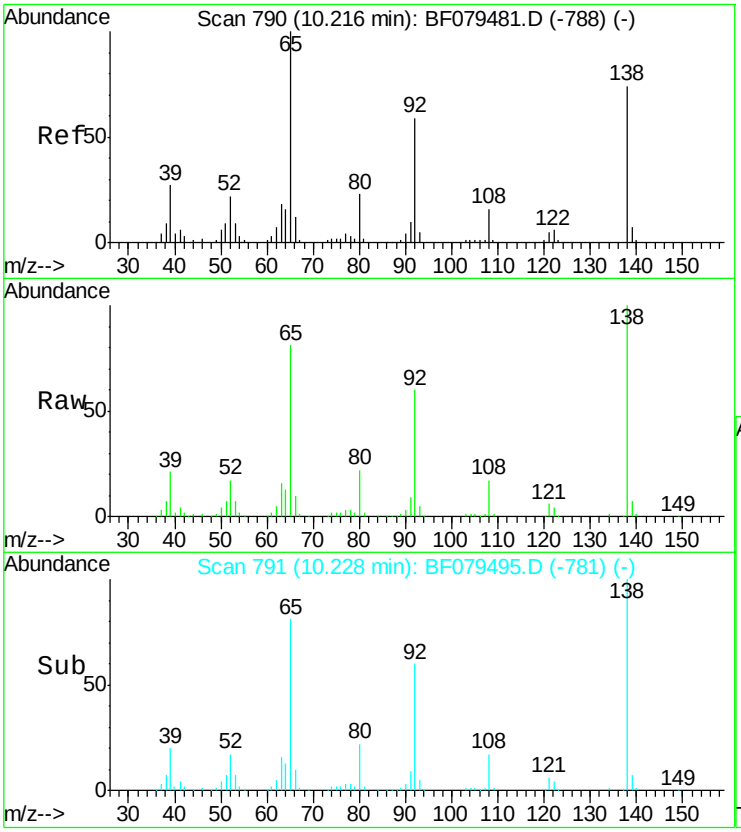


#46
2-Chloronaphthalene
Concen: 52.48 ng
RT: 10.08 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:162 Resp: 556032

Ion	Ratio	Lower	Upper
162	100		
127	43.6	32.7	49.1
164	32.3	25.8	38.6

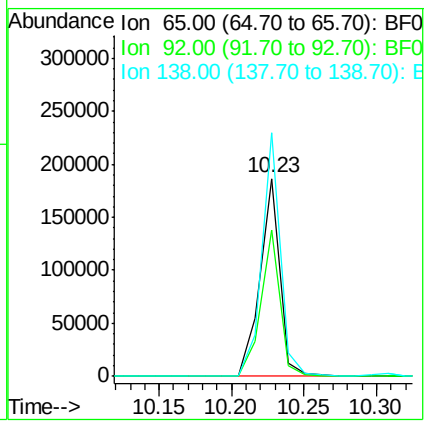




#47
2-Nitroaniline
Concen: 56.20 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

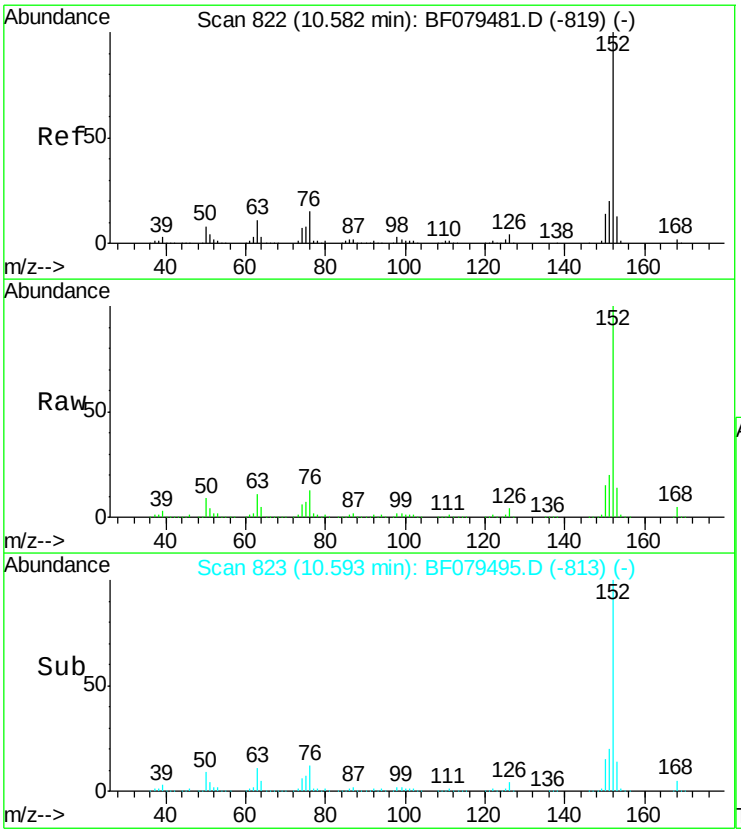
Tgt Ion: 65 Resp: 177065

Ion	Ratio	Lower	Upper
65	100		
92	74.3	47.2	70.8#
138	123.1	59.2	88.8#



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

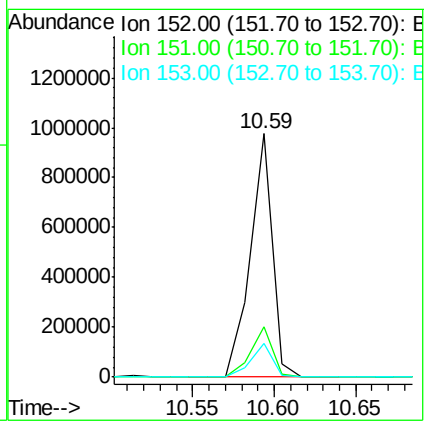
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

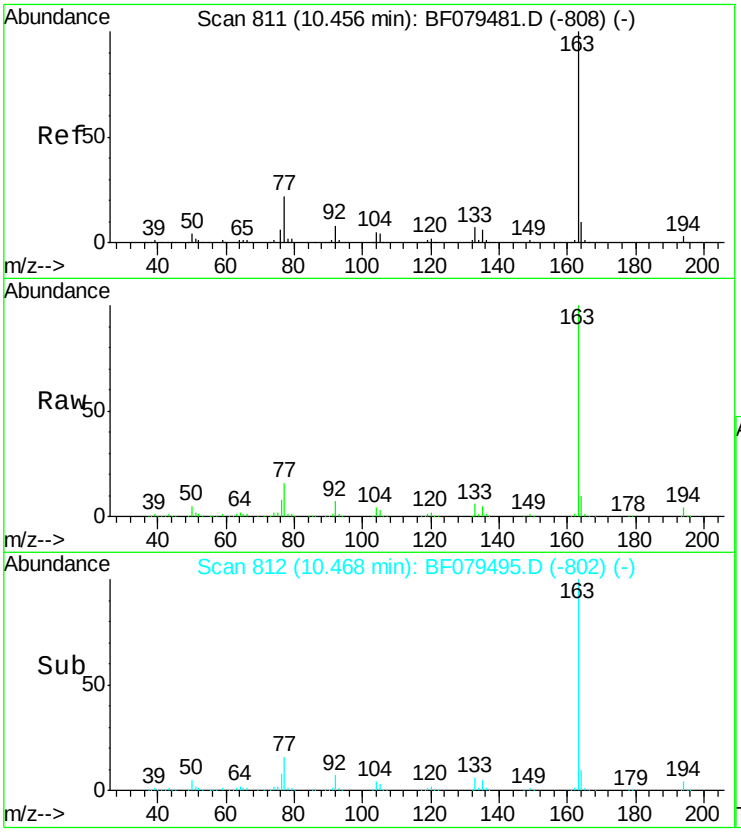


#48
Acenaphthylene
Concen: 52.26 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:152 Resp: 919199

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.6	10.7	16.1

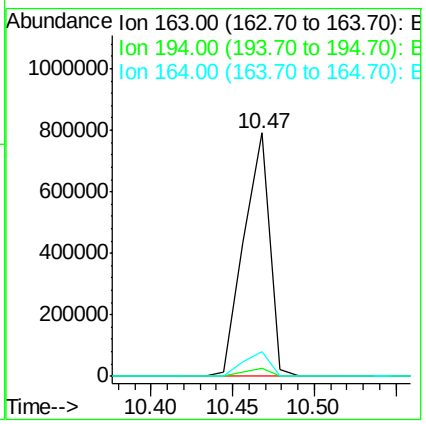




#49
Dimethylphthalate
Concen: 68.24 ng
RT: 10.47 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

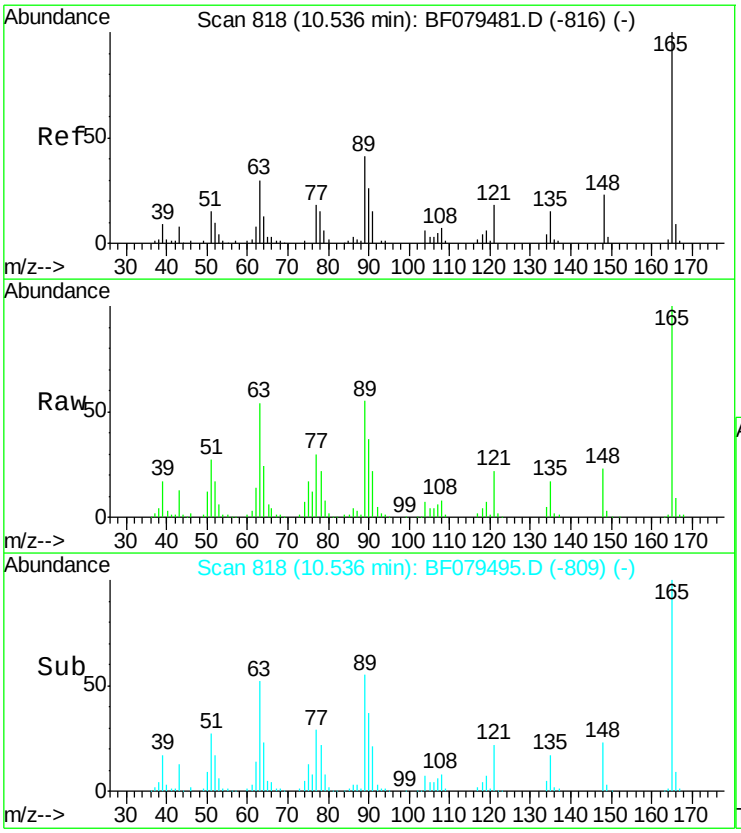
Tgt Ion:163 Resp: 863727

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.4	3.6
164	10.1	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

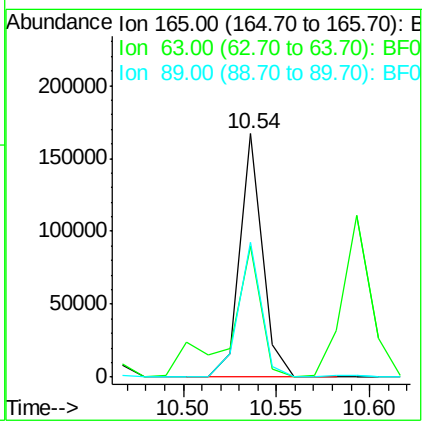
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

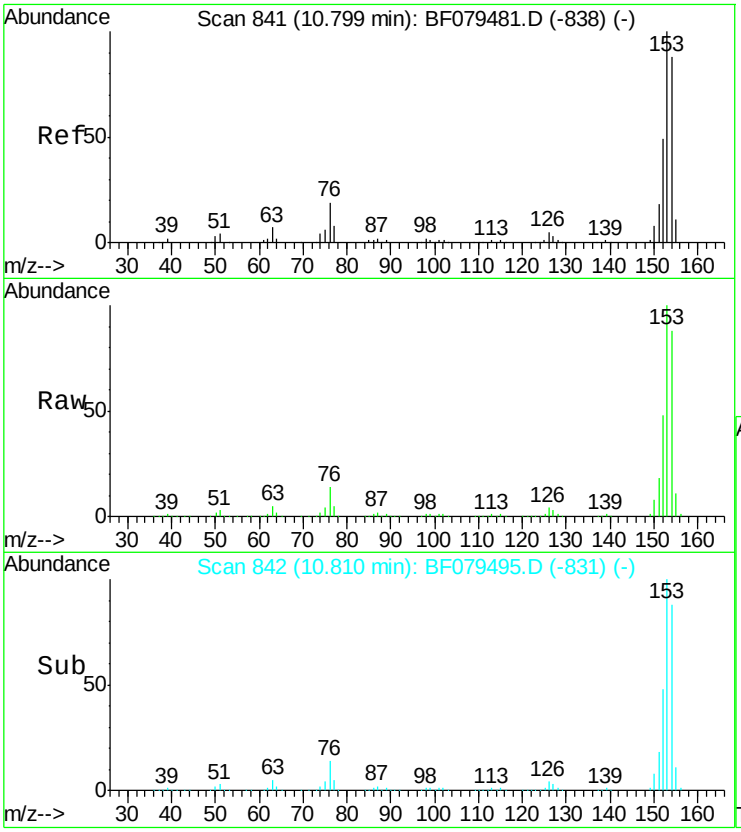


#50
2,6-Dinitrotoluene
Concen: 55.91 ng
RT: 10.54 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:165 Resp: 141378

Ion	Ratio	Lower	Upper
165	100		
63	53.8	27.7	41.5#
89	55.1	33.7	50.5#

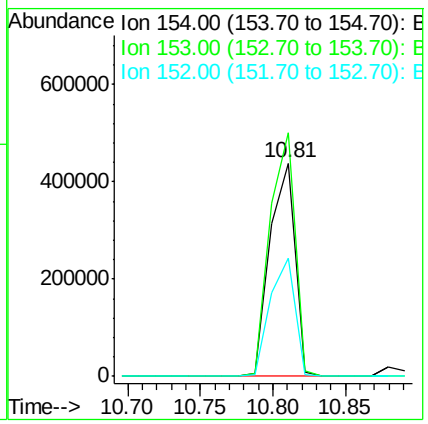




#51
Acenaphthene
Concen: 52.52 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

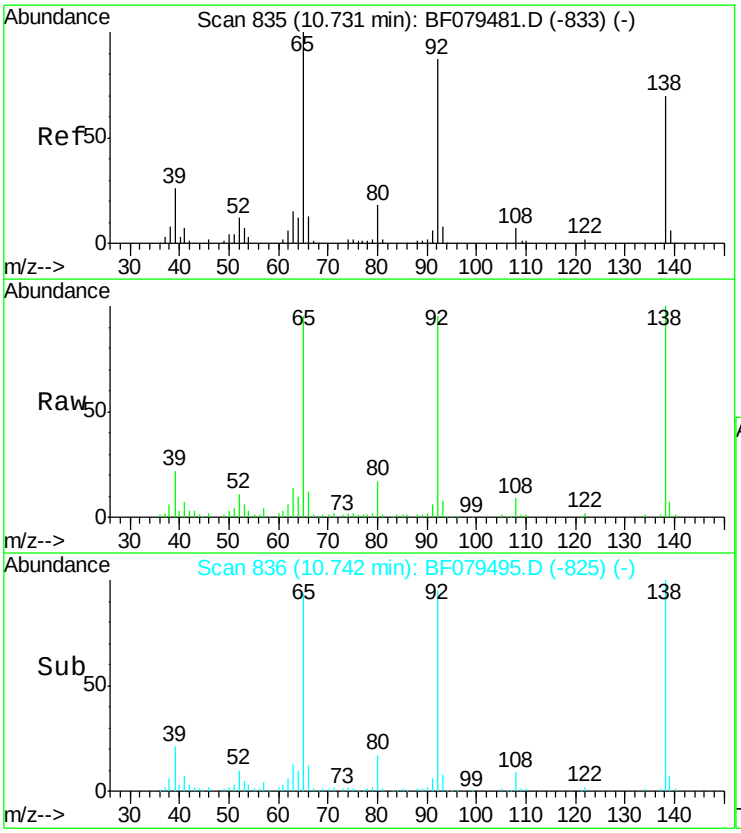
Tgt Ion:154 Resp: 528259

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.1	136.7
152	55.1	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

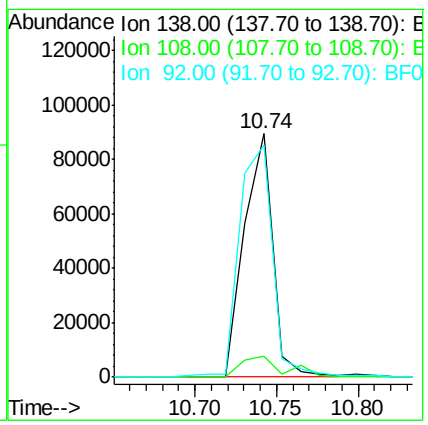
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

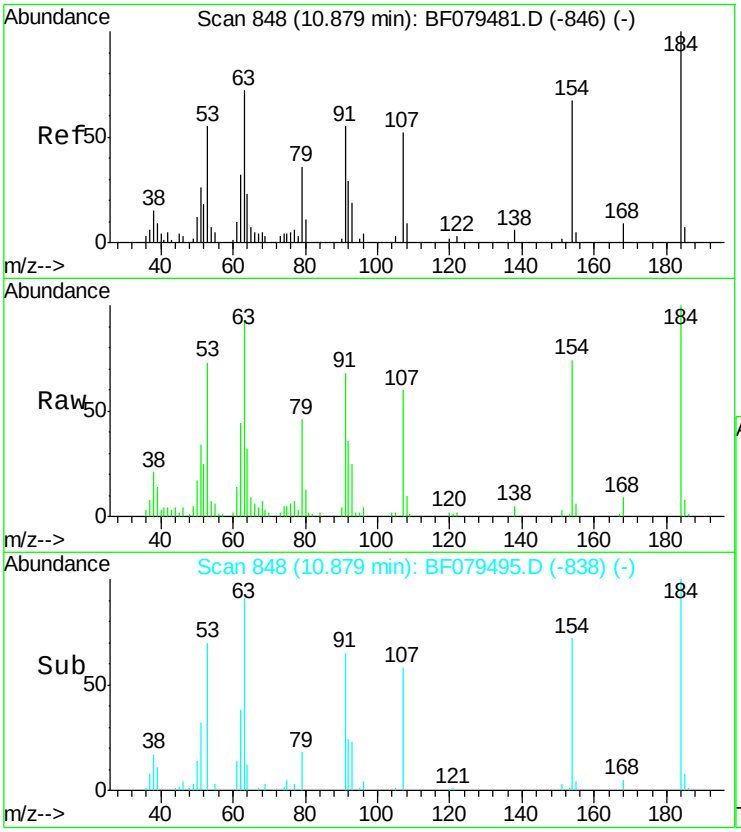


#52
3-Nitroaniline
Concen: 32.80 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:138 Resp: 107877

Ion	Ratio	Lower	Upper
138	100		
108	8.6	8.0	12.0
92	95.3	99.9	149.9#

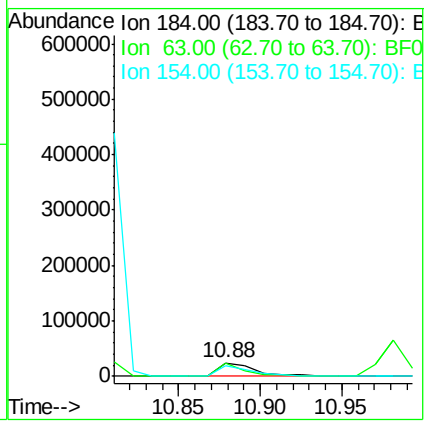




#53
2,4-Dinitrophenol
Concen: 47.73 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

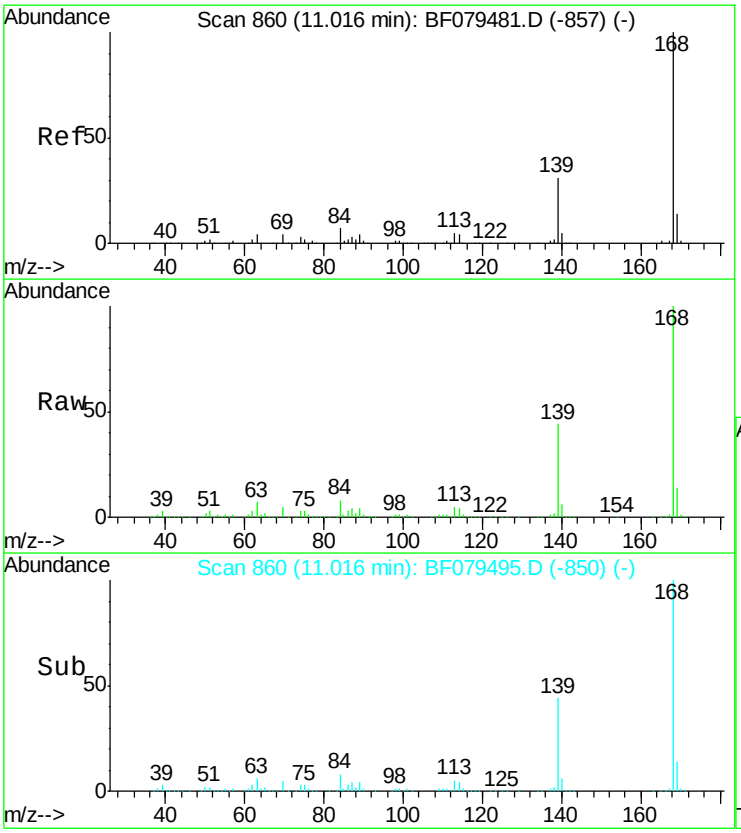
Tgt Ion:184 Resp: 38599

Ion	Ratio	Lower	Upper
184	100		
63	93.2	57.7	86.5#
154	74.3	53.4	80.2



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

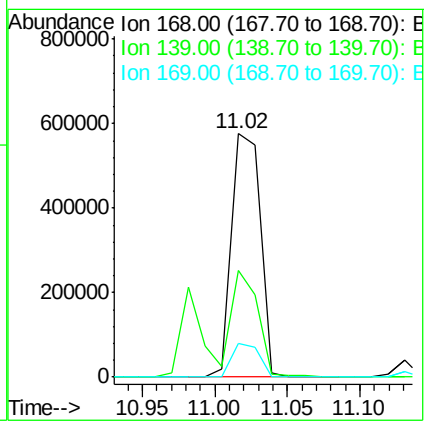
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

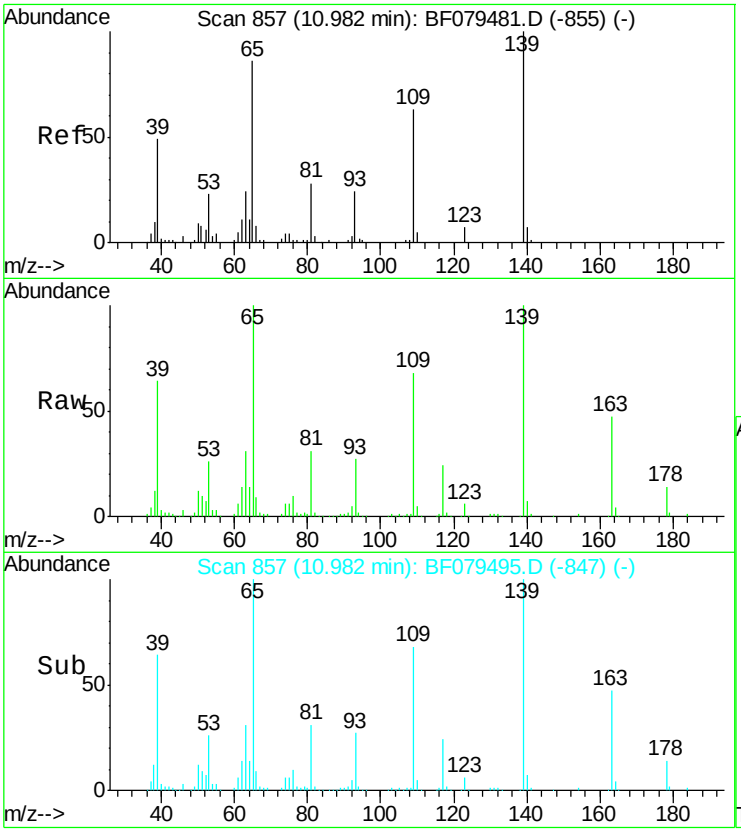


#54
Dibenzofuran
Concen: 53.63 ng
RT: 11.02 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:168 Resp: 795557

Ion	Ratio	Lower	Upper
168	100		
139	43.8	32.9	49.3
169	14.0	11.1	16.7

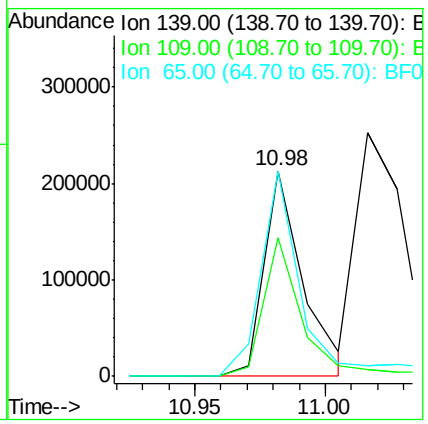




#55
4-Nitrophenol
Concen: 121.76 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

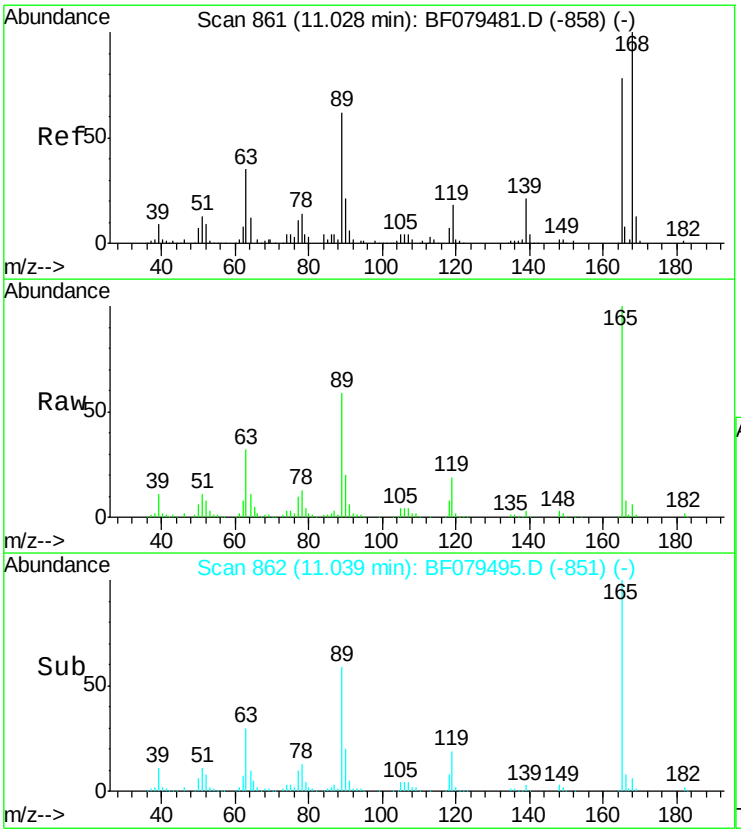
Tgt Ion:139 Resp: 222074

Ion	Ratio	Lower	Upper
139	100		
109	67.6	42.8	82.8
65	99.8	66.3	106.3



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

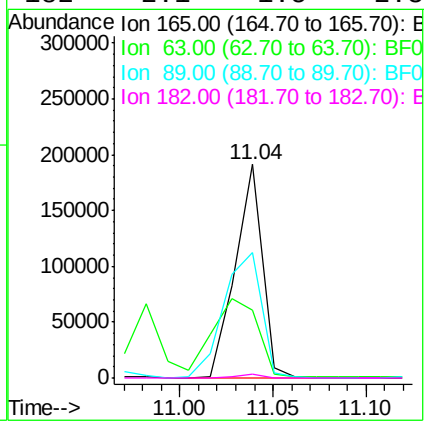
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

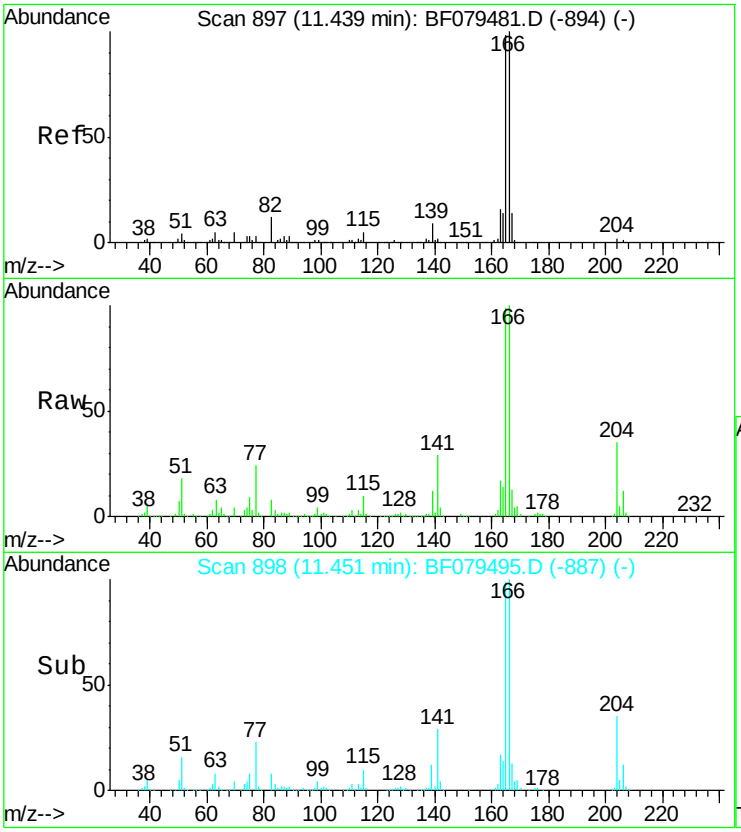


#56
2,4-Dinitrotoluene
Concen: 57.82 ng
RT: 11.04 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:165 Resp: 196068

Ion	Ratio	Lower	Upper
165	100		
63	31.6	39.5	59.3#
89	58.7	64.2	96.4#
182	2.1	1.5	2.3

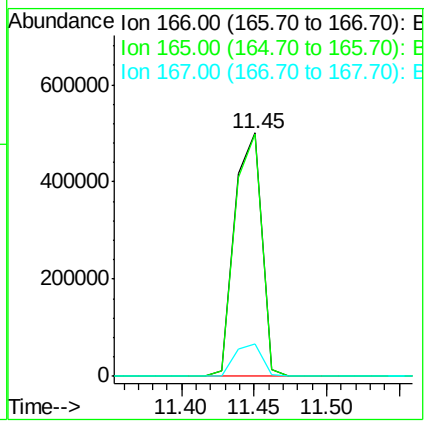




#57
Fluorene
Concen: 53.01 ng
RT: 11.45 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

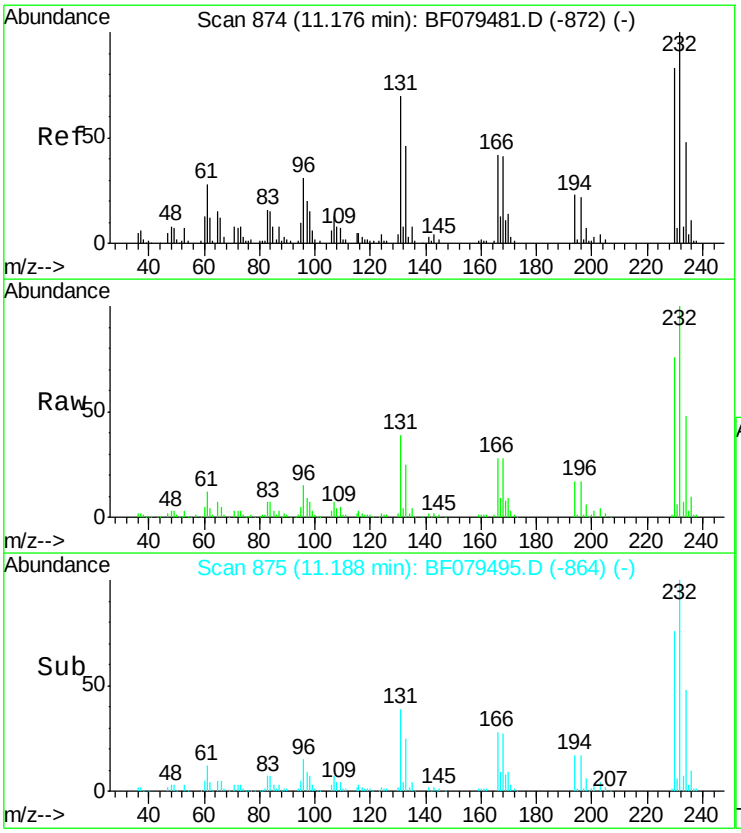
Tgt Ion:166 Resp: 648137

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

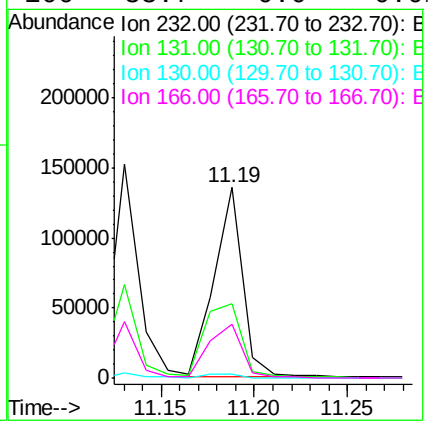
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

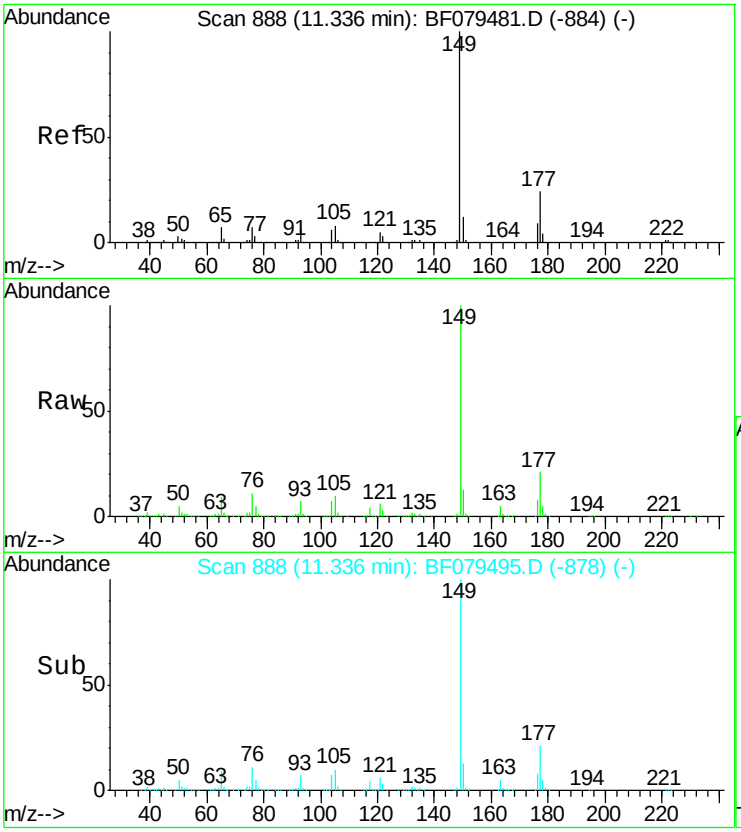


#58
2,3,4,6-Tetrachlorophenol
Concen: 59.11 ng
RT: 11.19 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:232 Resp: 143654

Ion	Ratio	Lower	Upper
232	100		
131	50.5	0.0	0.0#
130	2.4	0.0	0.0#
166	33.7	0.0	0.0#

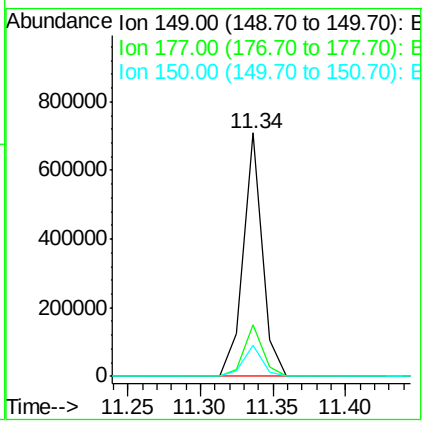




#59
Diethylphthalate
Concen: 51.98 ng
RT: 11.34 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

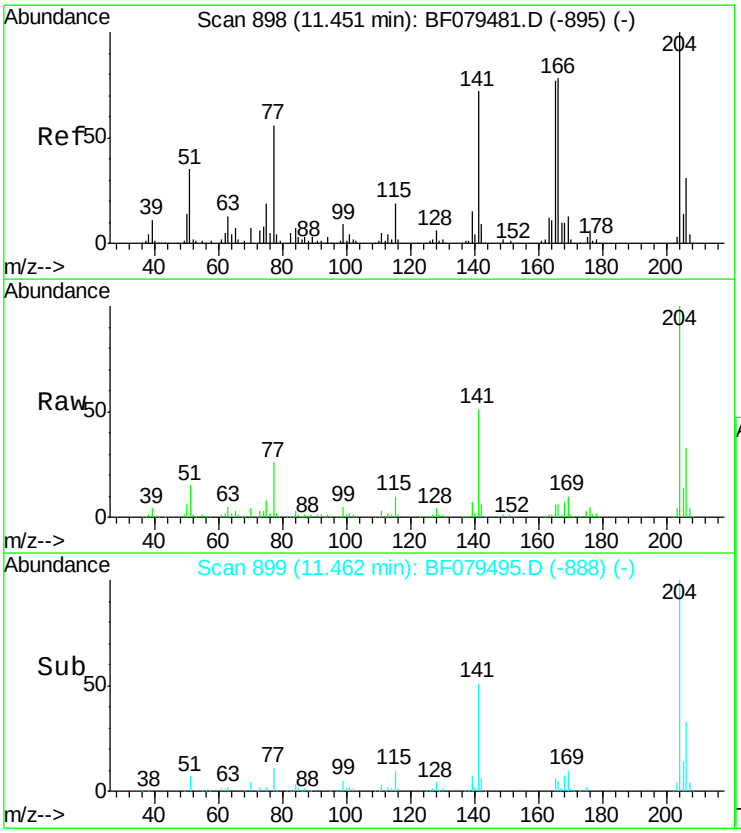
Tgt Ion:149 Resp: 644012

Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.9	28.3
150	12.8	9.8	14.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

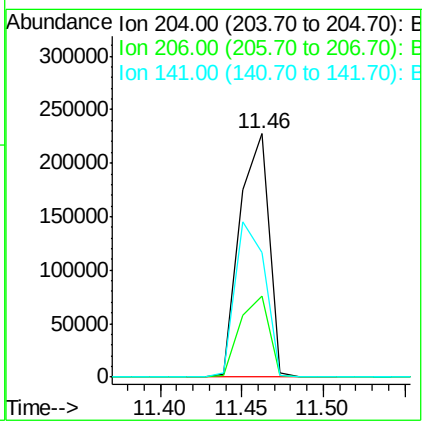
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

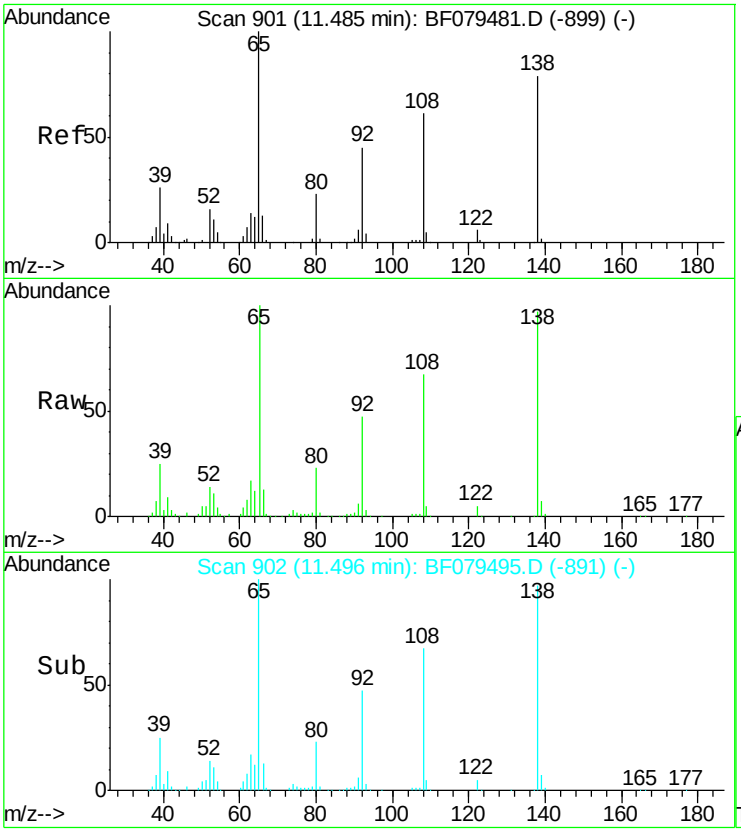


#60
4-Chlorophenyl-phenylether
Concen: 53.35 ng
RT: 11.46 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:204 Resp: 281837

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.0	37.4
141	51.1	57.4	86.2#

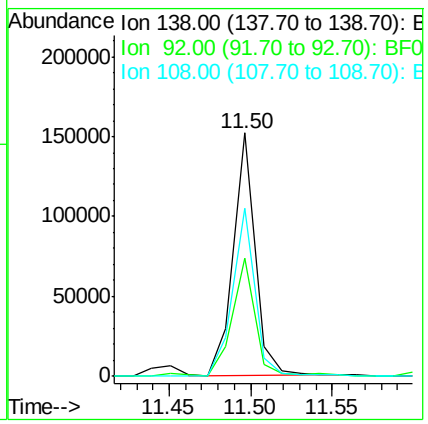




#61
4-Nitroaniline
Concen: 45.52 ng
RT: 11.50 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

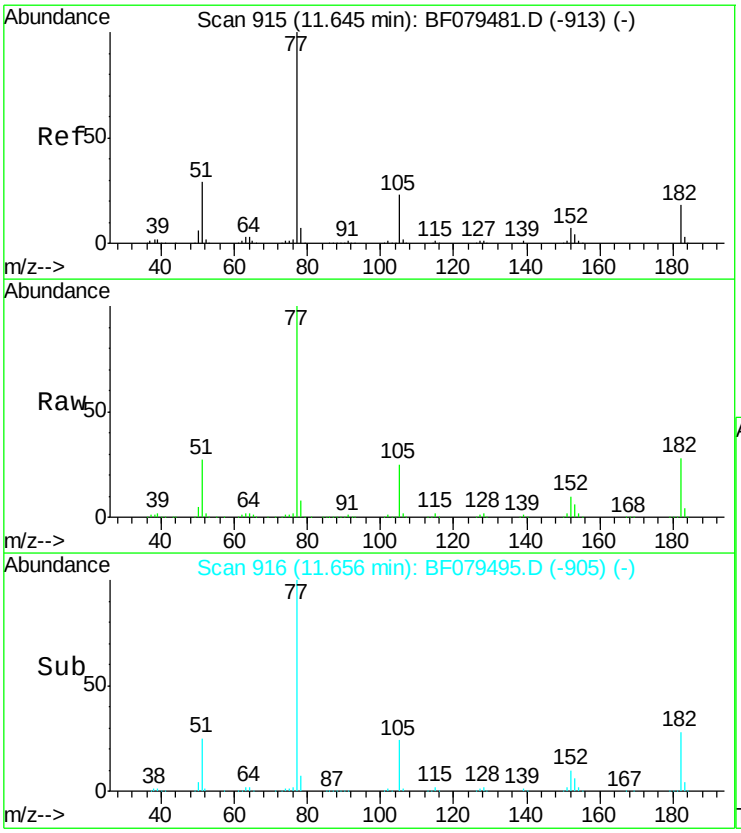
Tgt Ion:138 Resp: 139461

Ion	Ratio	Lower	Upper
138	100		
92	48.8	37.2	77.2
108	68.8	57.0	97.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

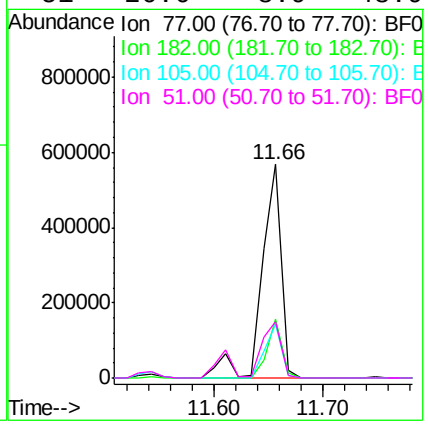
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

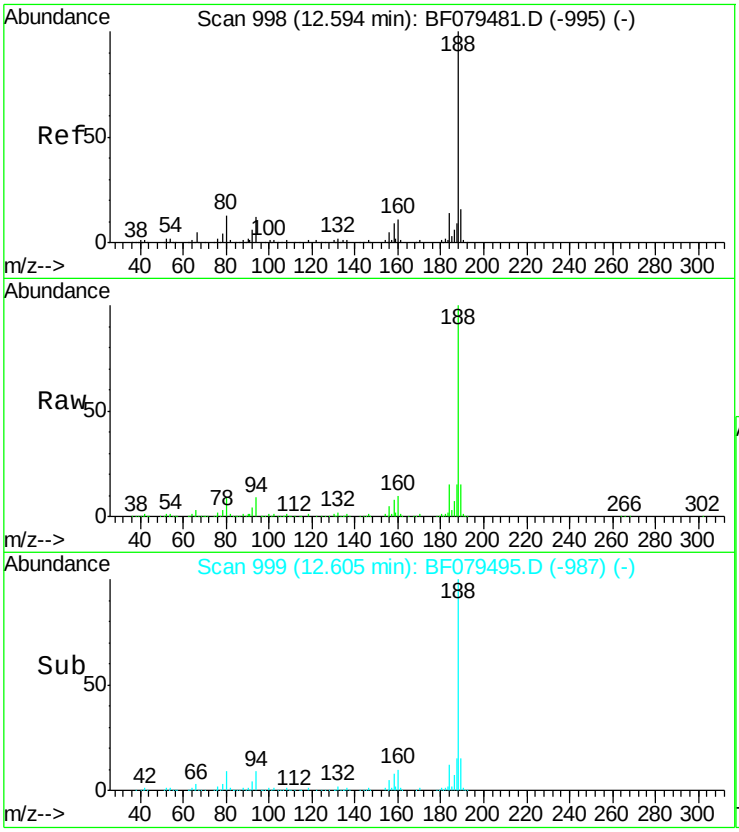


#62
Azobenzene
Concen: 58.83 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion: 77 Resp: 708965

Ion	Ratio	Lower	Upper
77	100		
182	27.8	0.0	37.7
105	25.2	2.7	42.7
51	26.6	8.9	48.9

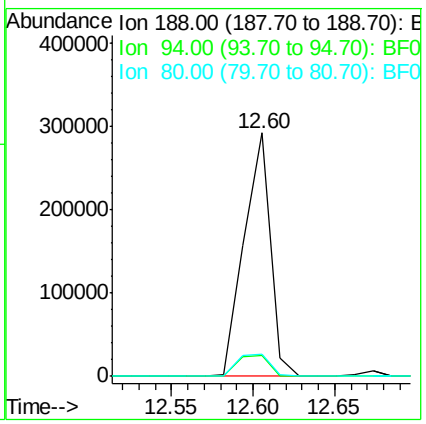




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

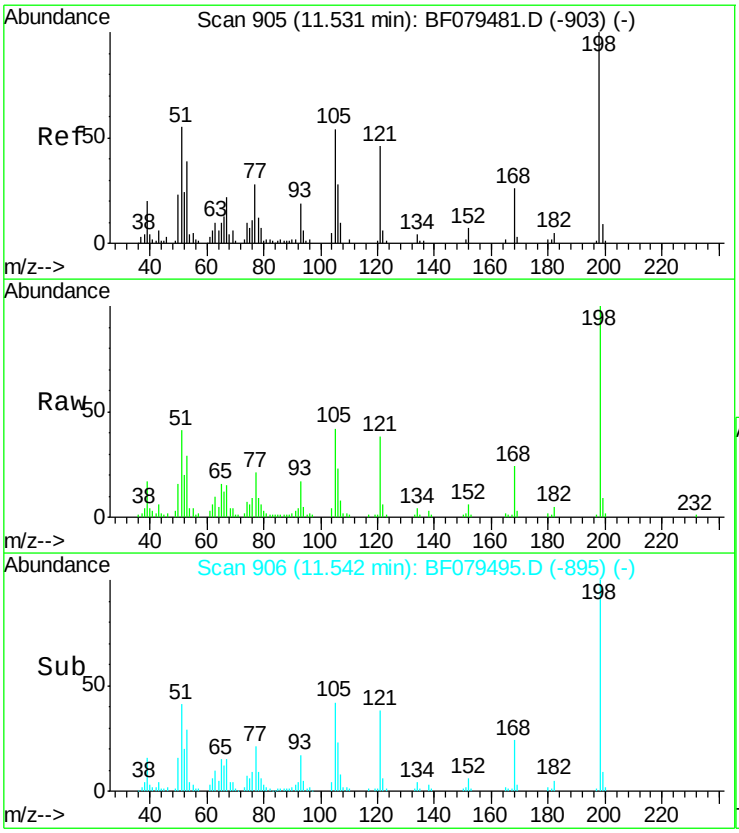
Tgt Ion:188 Resp: 325358

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.8	14.6#
80	8.9	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

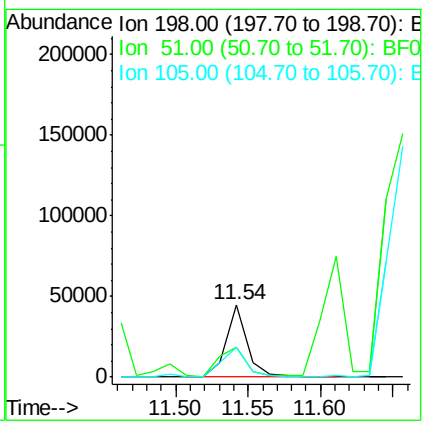
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

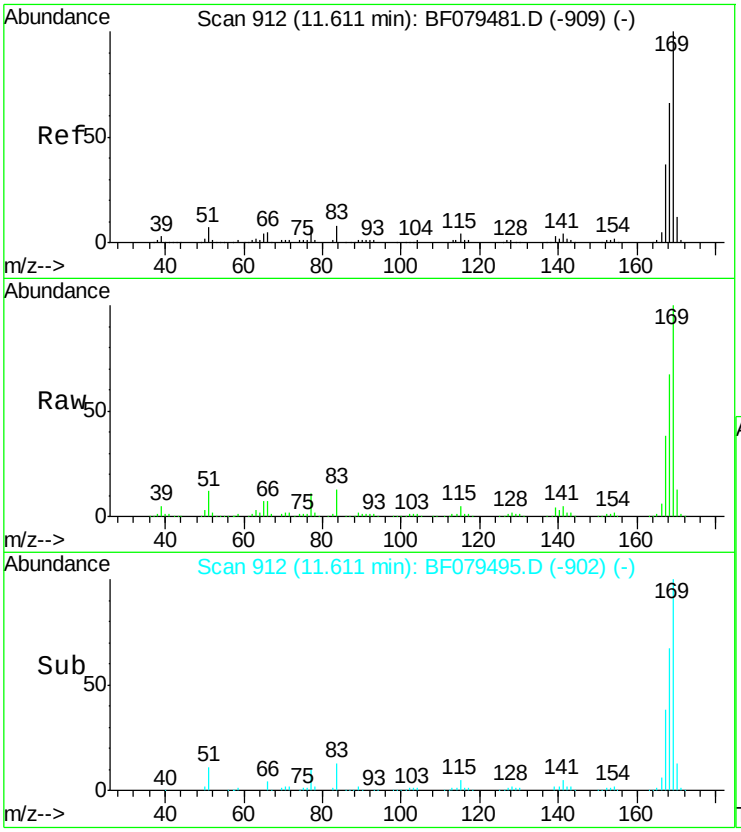


#64
4,6-Dinitro-2-methylphenol
Concen: 30.73 ng
RT: 11.54 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:198 Resp: 45704

Ion	Ratio	Lower	Upper
198	100		
51	40.8	36.0	76.0
105	42.0	34.1	74.1

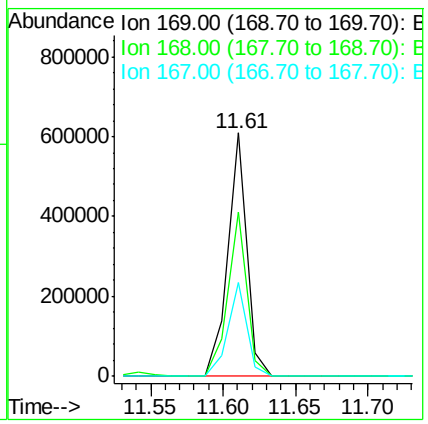




#65
n-Nitrosodiphenylamine
Concen: 51.61 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

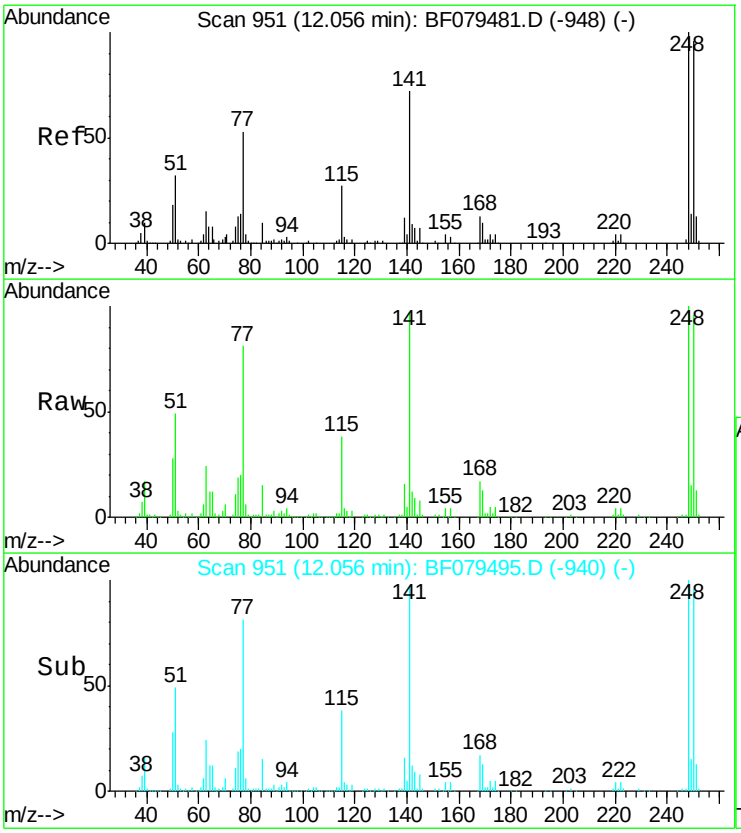
Tgt Ion:169 Resp: 557757

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.1	79.7
167	38.5	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

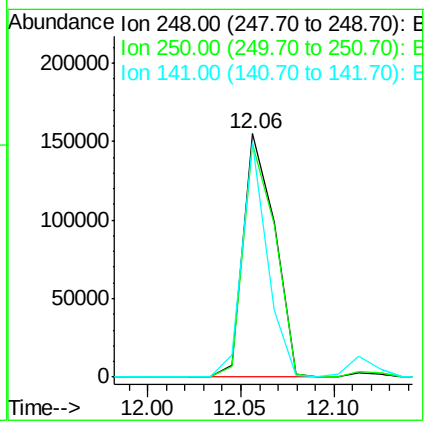
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

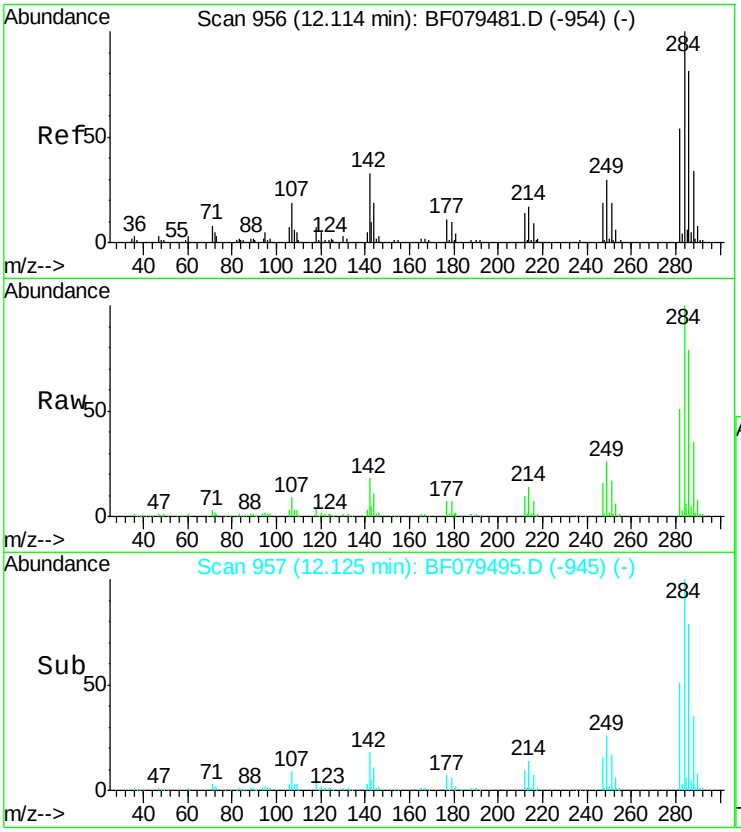


#66
4-Bromophenyl-phenylether
Concen: 54.11 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:248 Resp: 181294

Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.8	115.2
141	96.6	57.7	86.5#

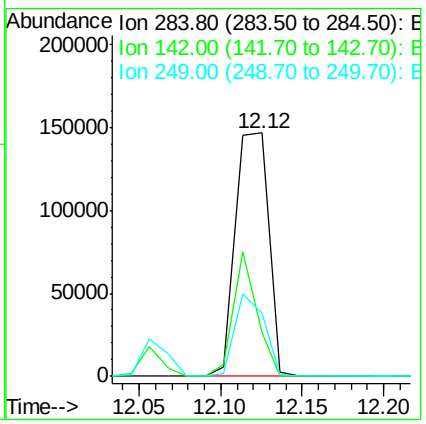




#67
Hexachlorobenzene
Concen: 53.98 ng
RT: 12.12 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

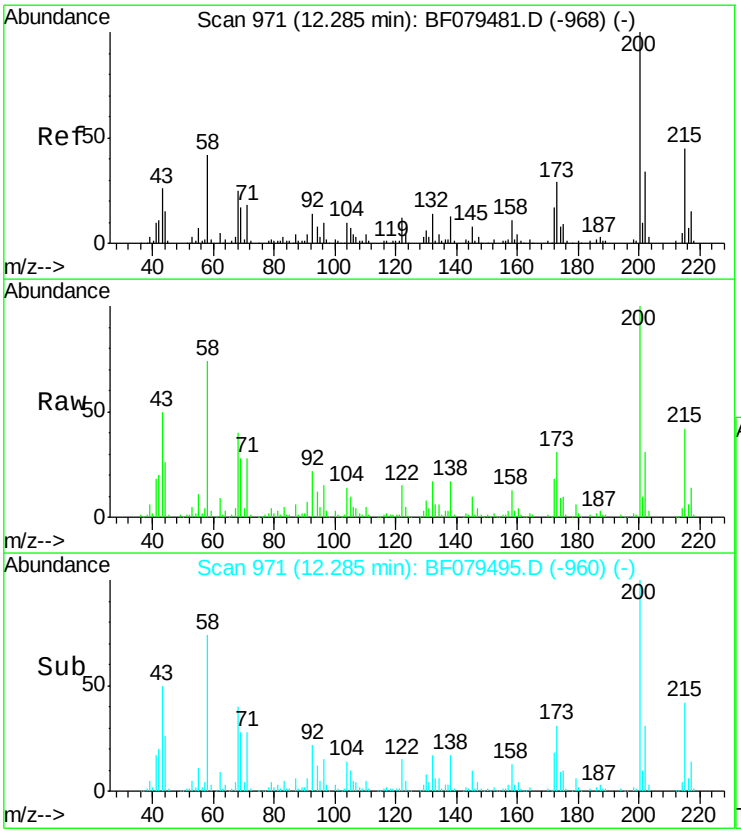
Tgt Ion:284 Resp: 206211

Ion	Ratio	Lower	Upper
284	100		
142	17.9	26.2	39.2#
249	26.0	24.3	36.5



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

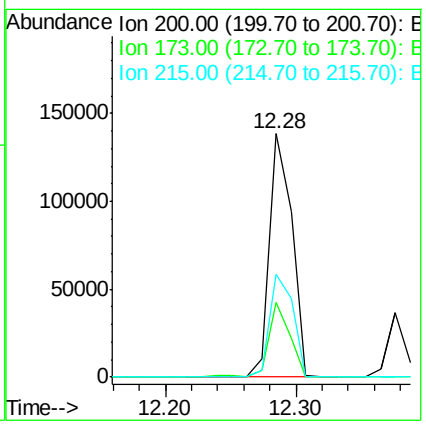
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

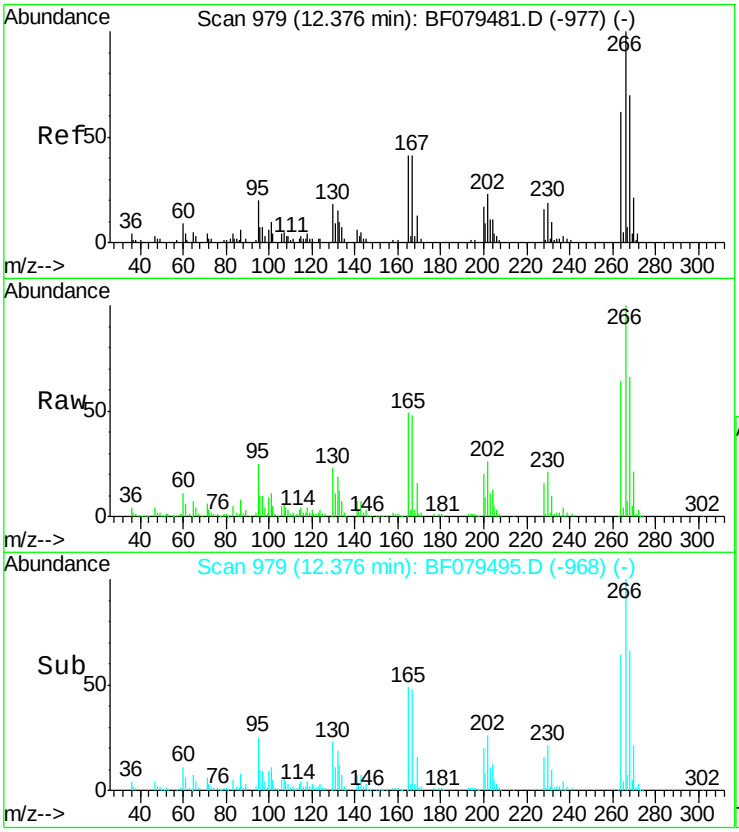


#68
Atrazine
Concen: 57.41 ng
RT: 12.28 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:200 Resp: 167585

Ion	Ratio	Lower	Upper
200	100		
173	30.9	9.4	49.4
215	42.5	25.3	65.3

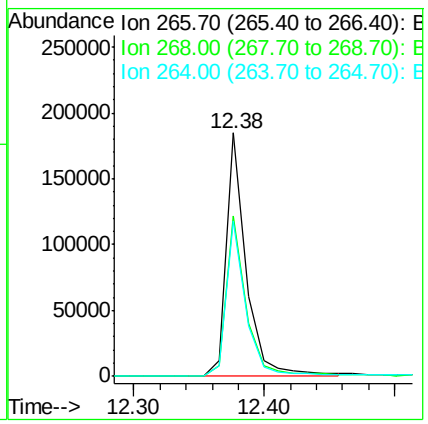




#69
Pentachlorophenol
Concen: 134.99 ng
RT: 12.38 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

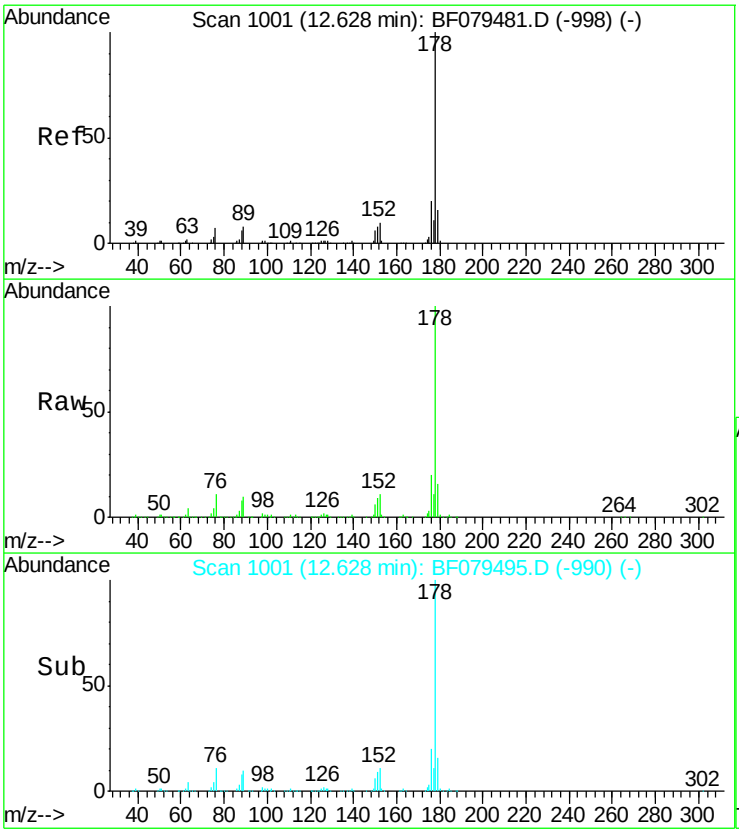
Tgt Ion:266 Resp: 197539

Ion	Ratio	Lower	Upper
266	100		
268	65.8	56.1	84.1
264	64.0	50.0	75.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

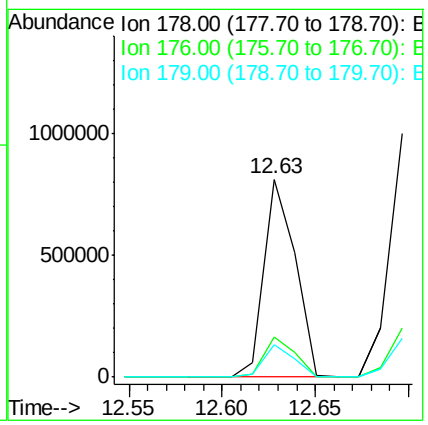
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

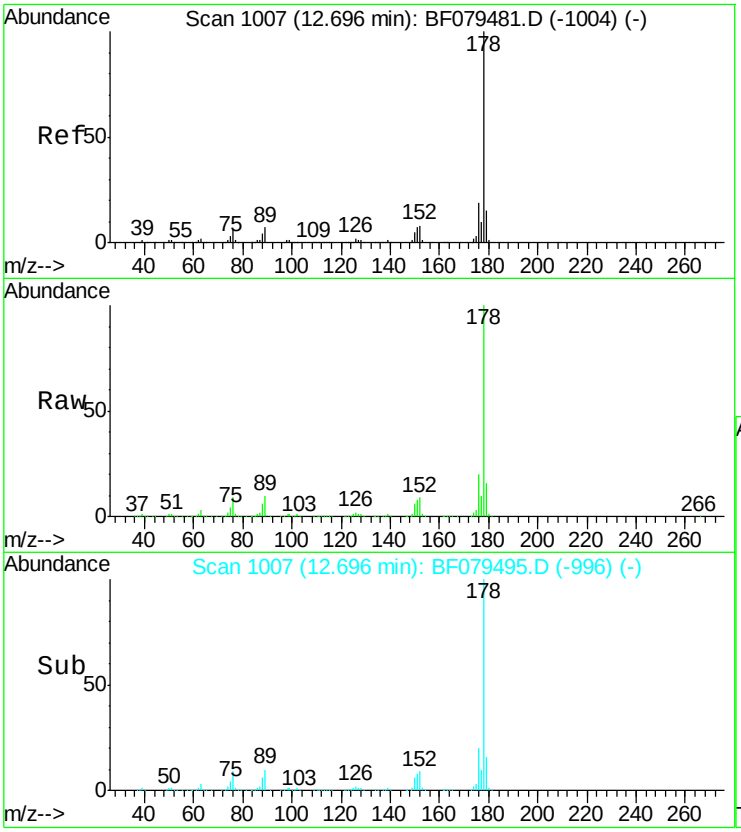


#70
Phenanthrene
Concen: 53.55 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:178 Resp: 955860

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.2	12.4	18.6

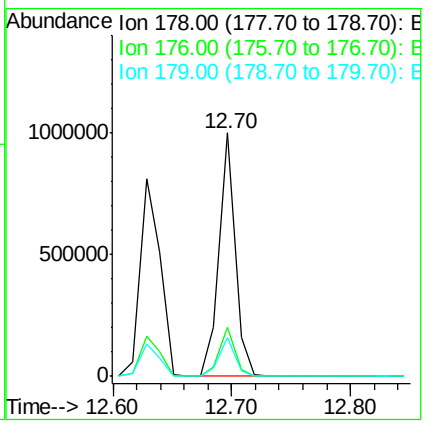




#71
Anthracene
Concen: 52.10 ng
RT: 12.70 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

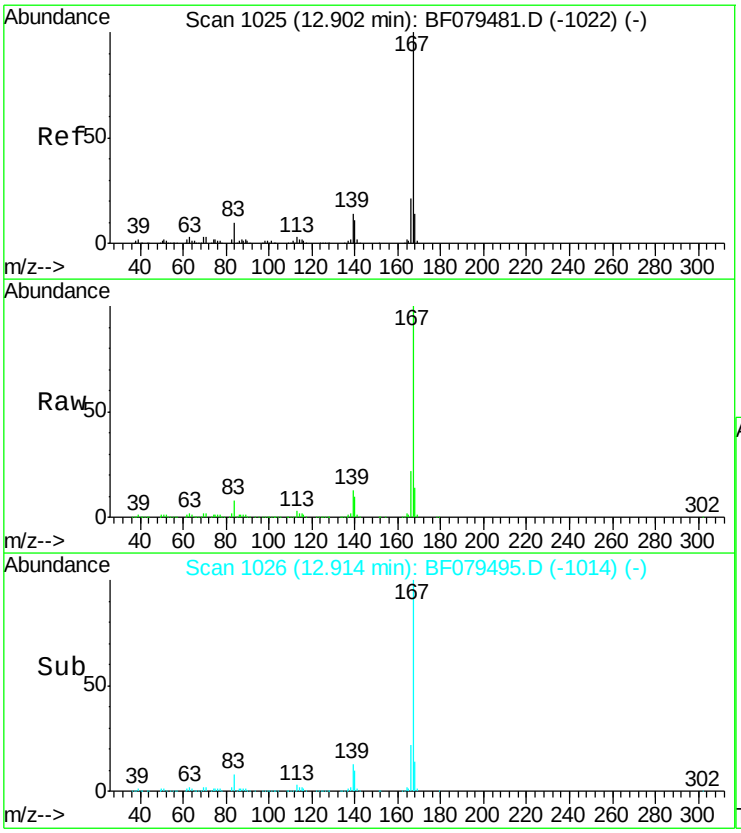
Tgt Ion:178 Resp: 944223

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	16.0	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

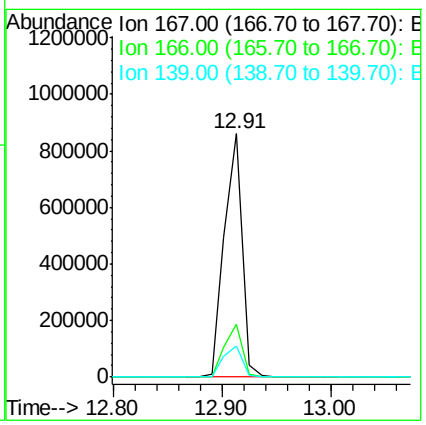
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

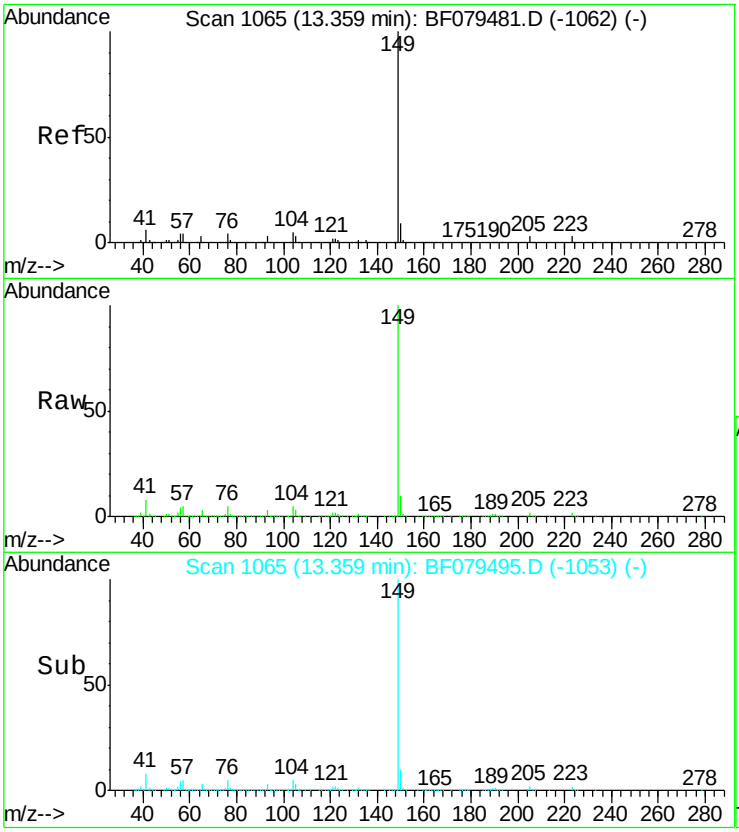


#72
Carbazole
Concen: 55.77 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:167 Resp: 973082

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.9	11.2	16.8

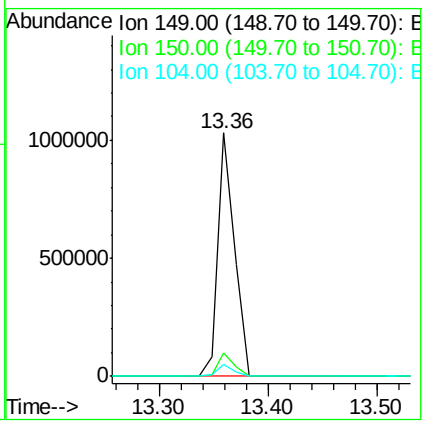




#73
Di-n-butylphthalate
Concen: 56.60 ng
RT: 13.36 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

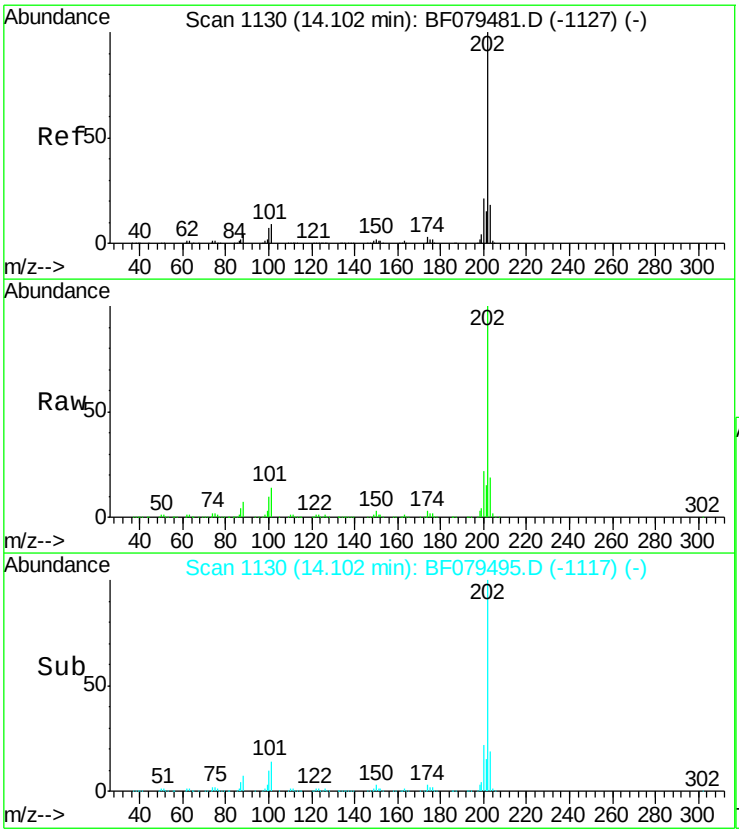
Tgt Ion:149 Resp: 1093965

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	4.9	3.6	5.4



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

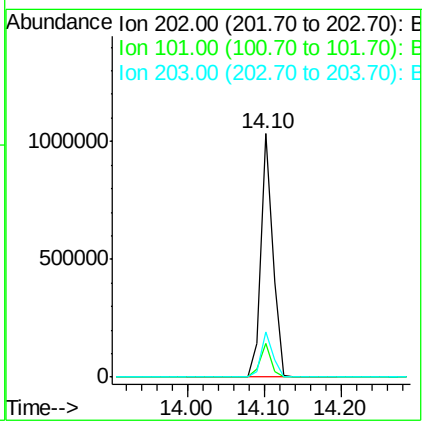
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

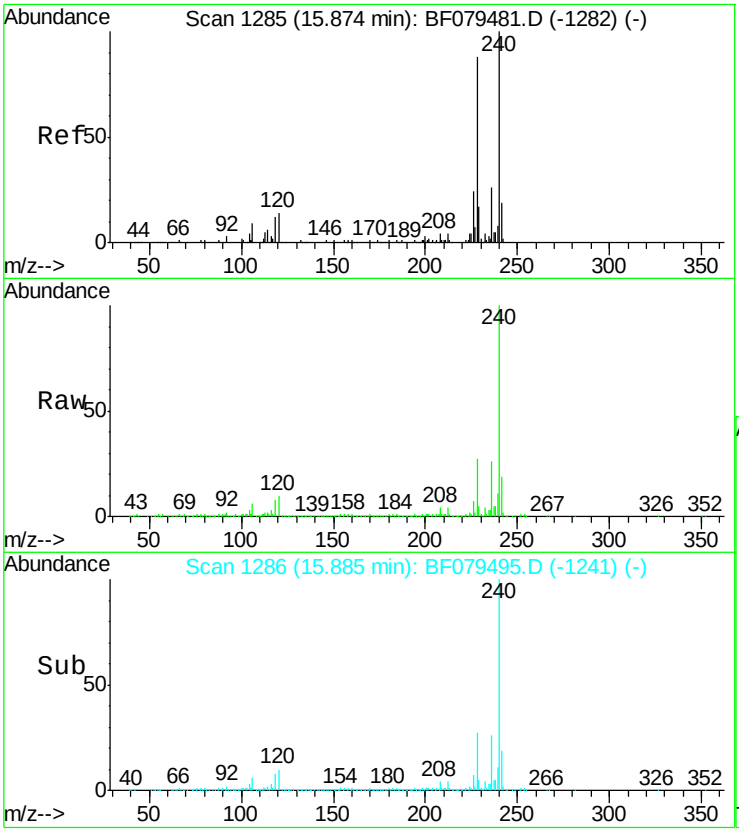


#74
Fluoranthene
Concen: 57.42 ng
RT: 14.10 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:202 Resp: 1099070

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	29.3
203	18.6	0.0	37.6





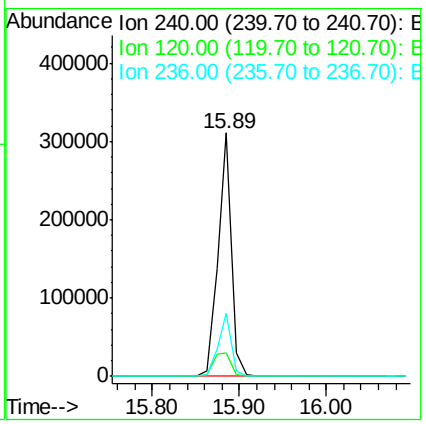
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

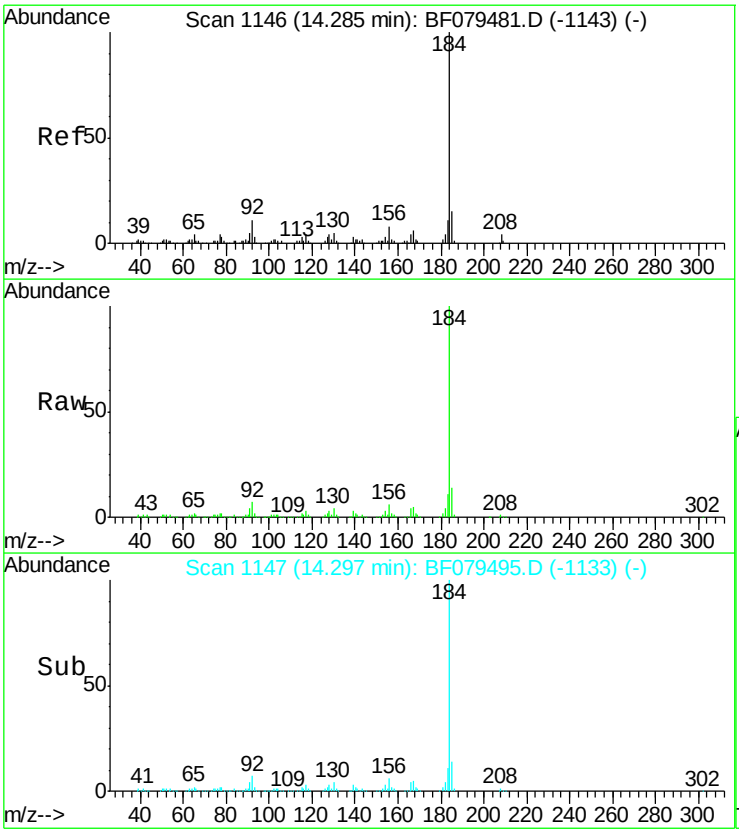
Tgt Ion:240 Resp: 337232

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.8	16.2#
236	26.0	21.0	31.6

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

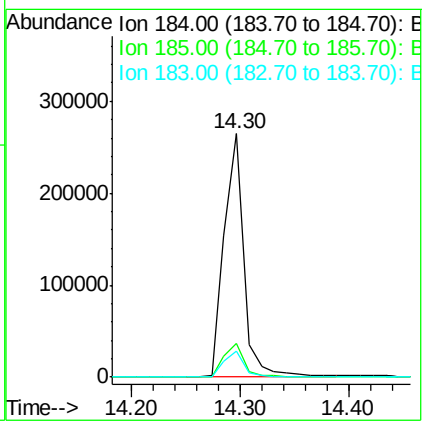


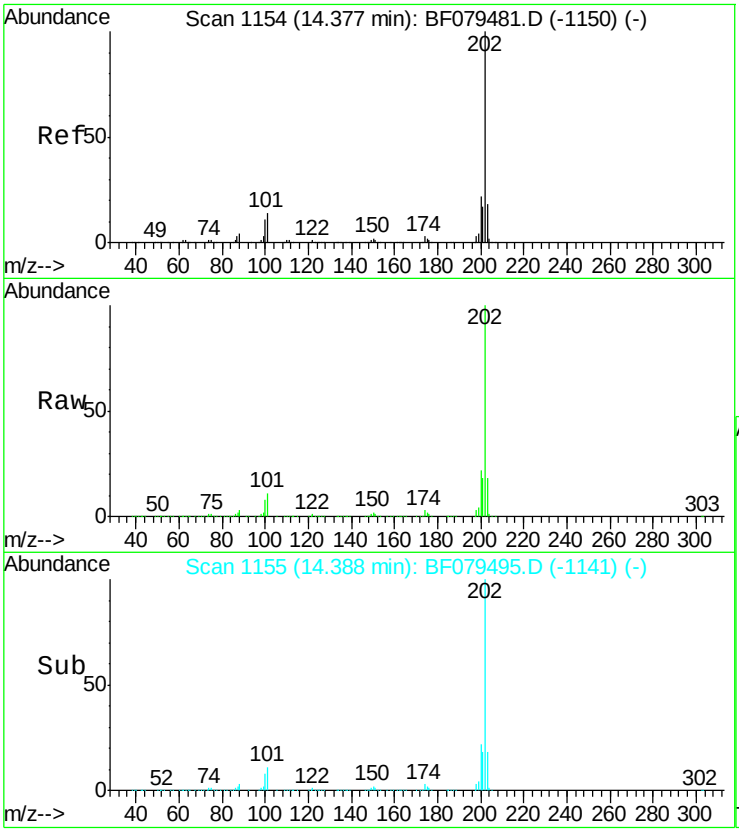


#76
Benzidine
Concen: 46.35 ng
RT: 14.30 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:184 Resp: 334787

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.1	18.1
183	10.9	8.6	12.8

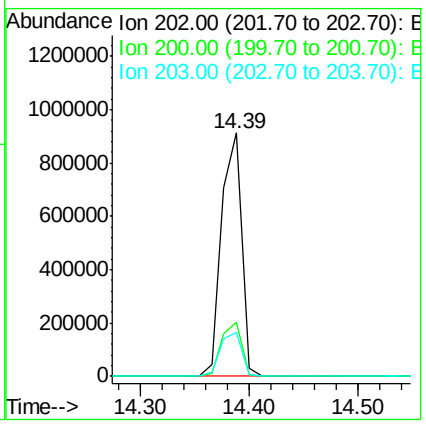




#77
Pyrene
Concen: 56.19 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

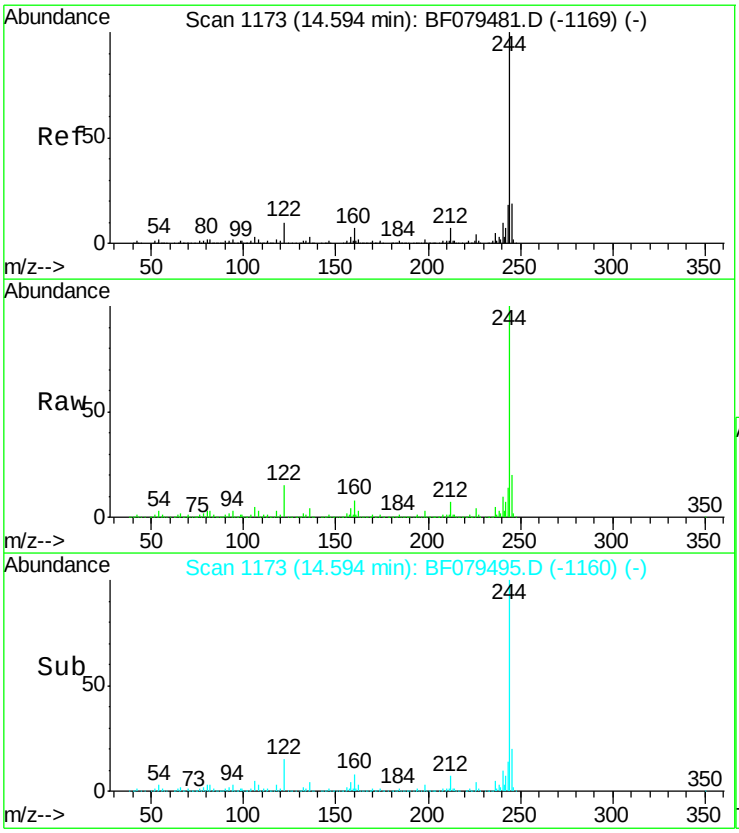
Tgt Ion:202 Resp: 1173992

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	17.8	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

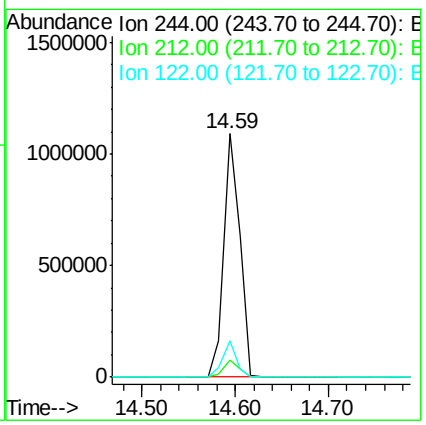
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

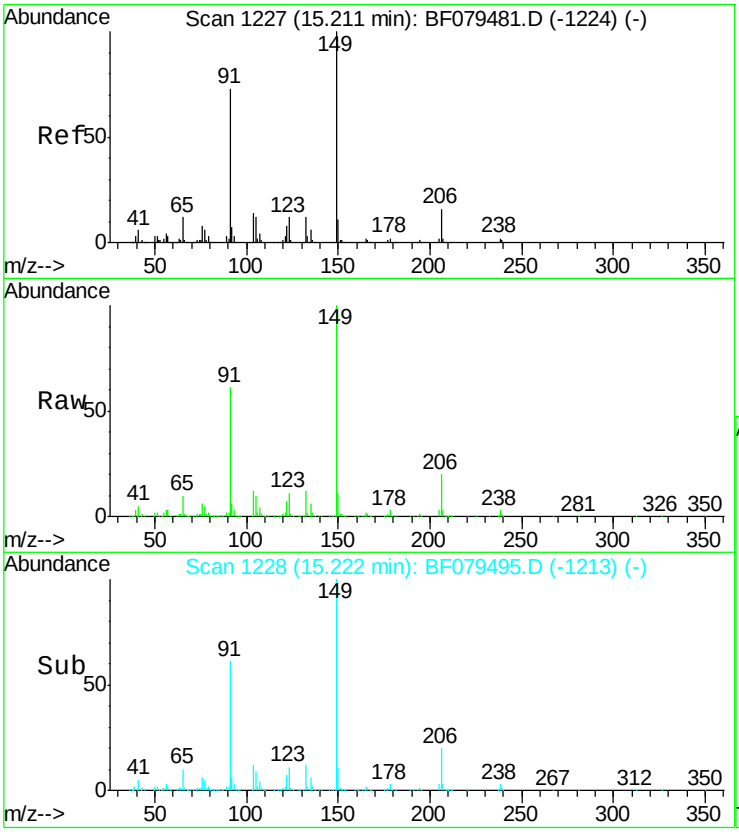


#78
Terphenyl-d14
Concen: 90.67 ng
RT: 14.59 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:244 Resp: 1302858

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	15.0	8.0	12.0#





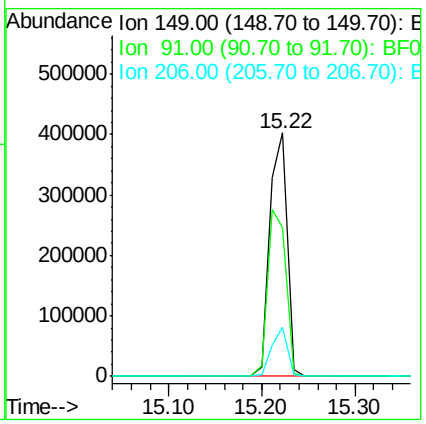
#79
Butylbenzylphthalate
Concen: 55.71 ng
RT: 15.22 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

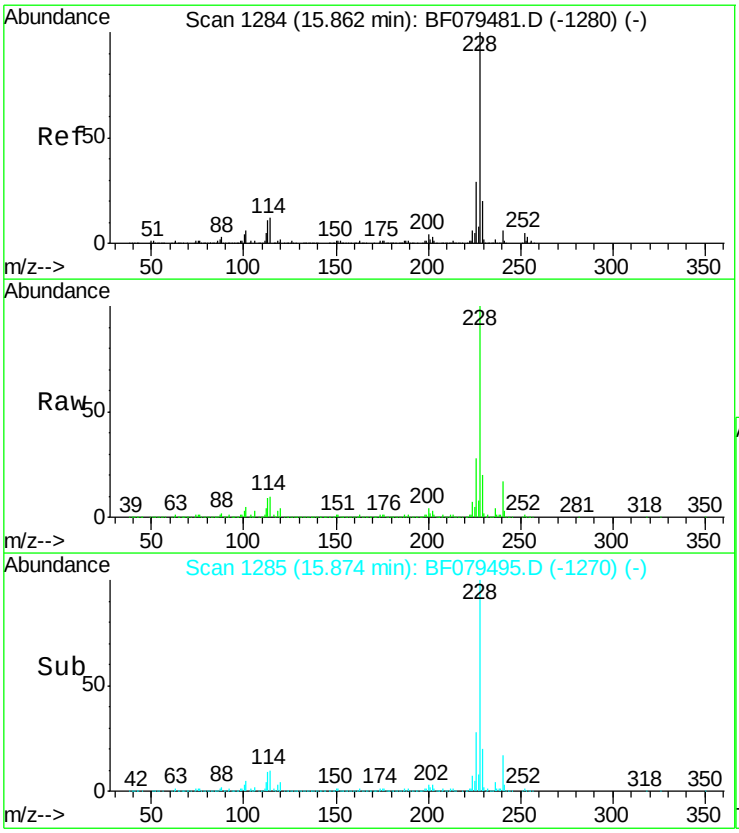
Tgt Ion:149 Resp: 523469

Ion	Ratio	Lower	Upper
149	100		
91	61.1	58.1	87.1
206	20.1	13.1	19.7#

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

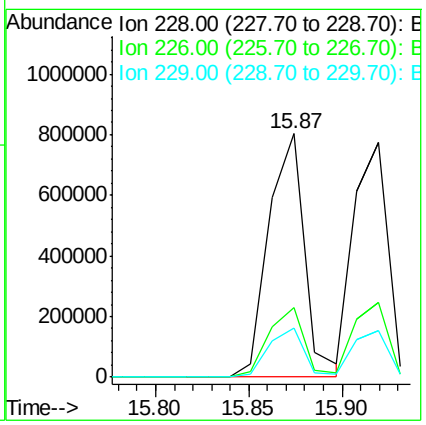


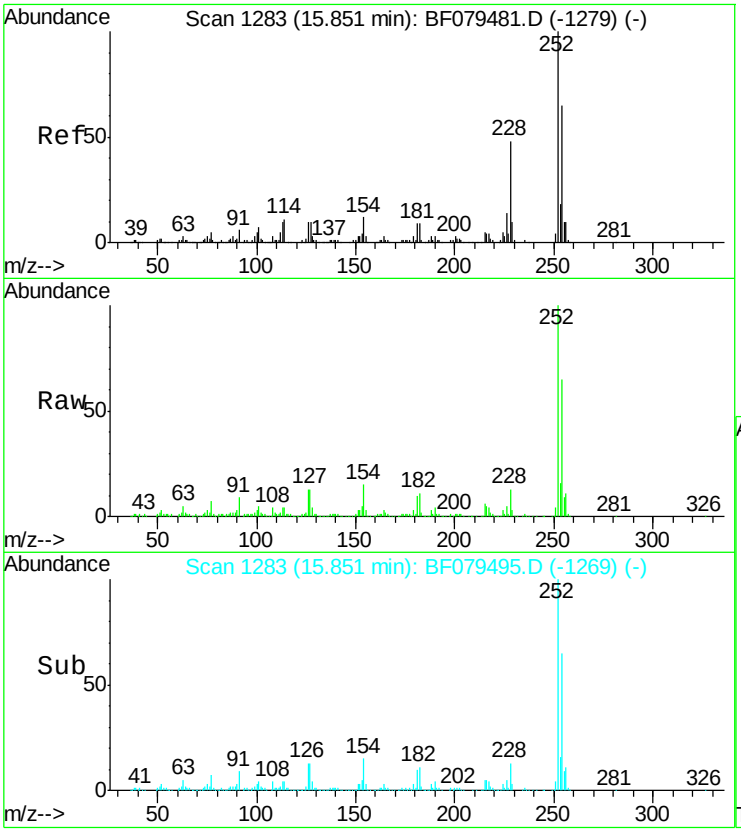


#80
Benzo(a)anthracene
Concen: 55.48 ng
RT: 15.87 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:228 Resp: 1076250

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.2	15.9	23.9





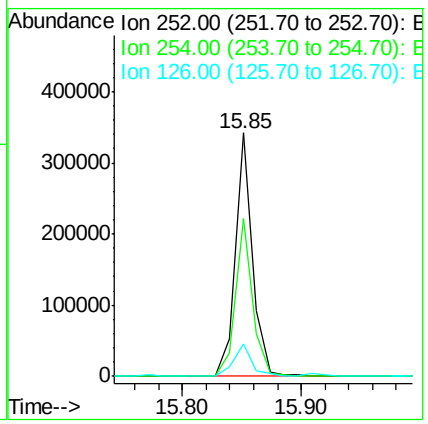
#81
3,3'-Dichlorobenzidine
Concen: 48.15 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

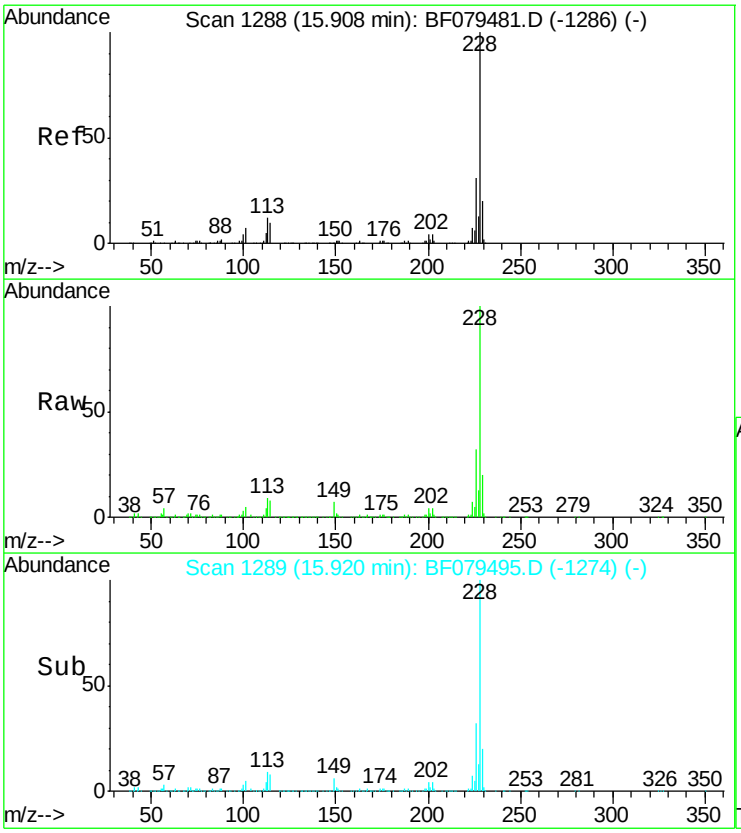
Tgt Ion:252 Resp: 342070

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	13.1	8.2	12.2#

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

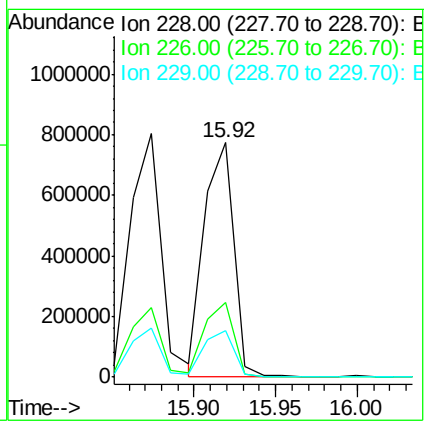


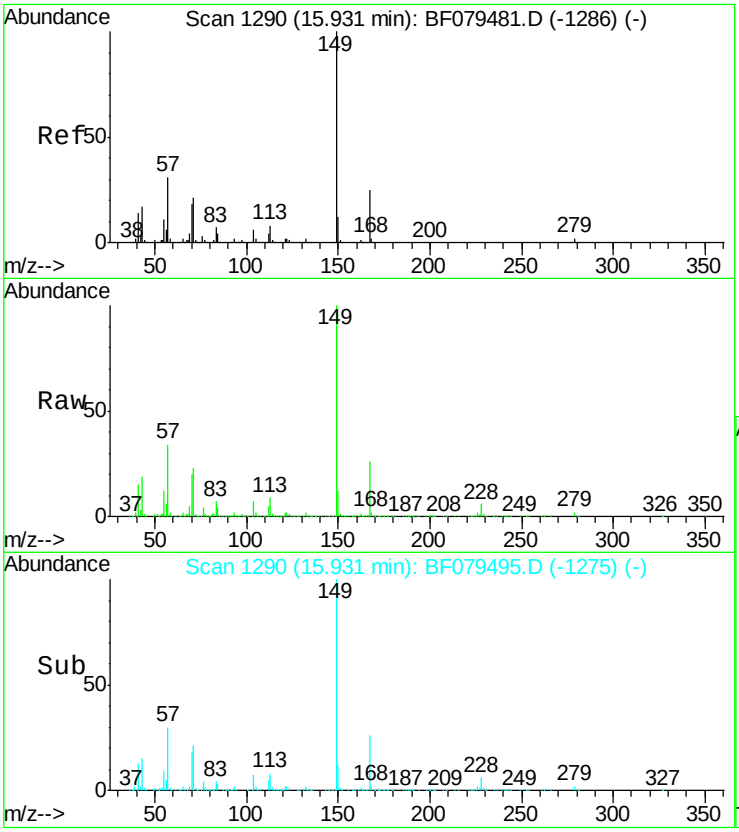


#82
Chrysene
Concen: 53.23 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:228 Resp: 981602

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.4
229	20.0	15.9	23.9

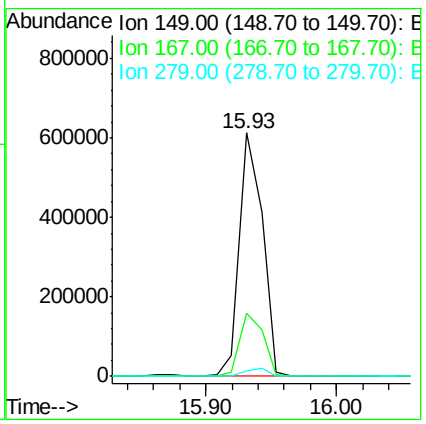




#83
Bis(2-ethylhexyl)phthalate
Concen: 55.49 ng
RT: 15.93 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

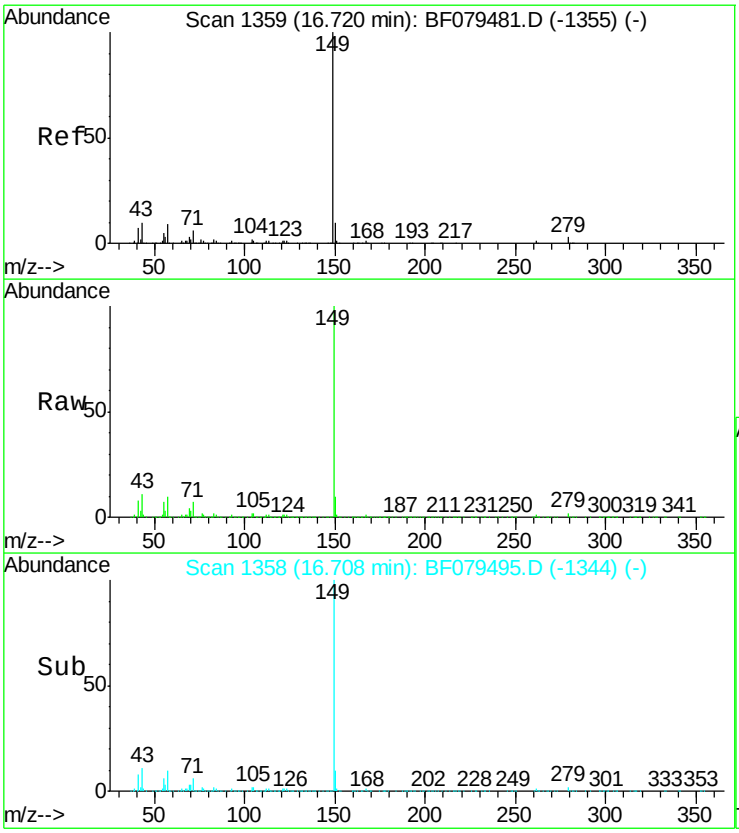
Tgt Ion:149 Resp: 746905

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	2.1	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

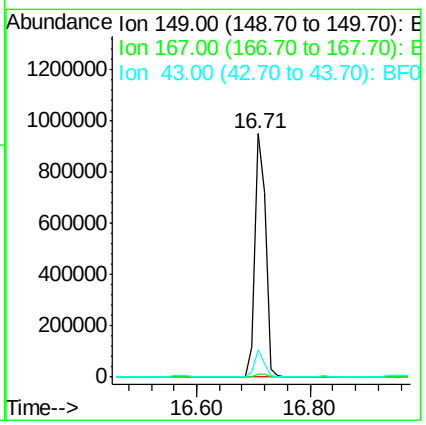
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

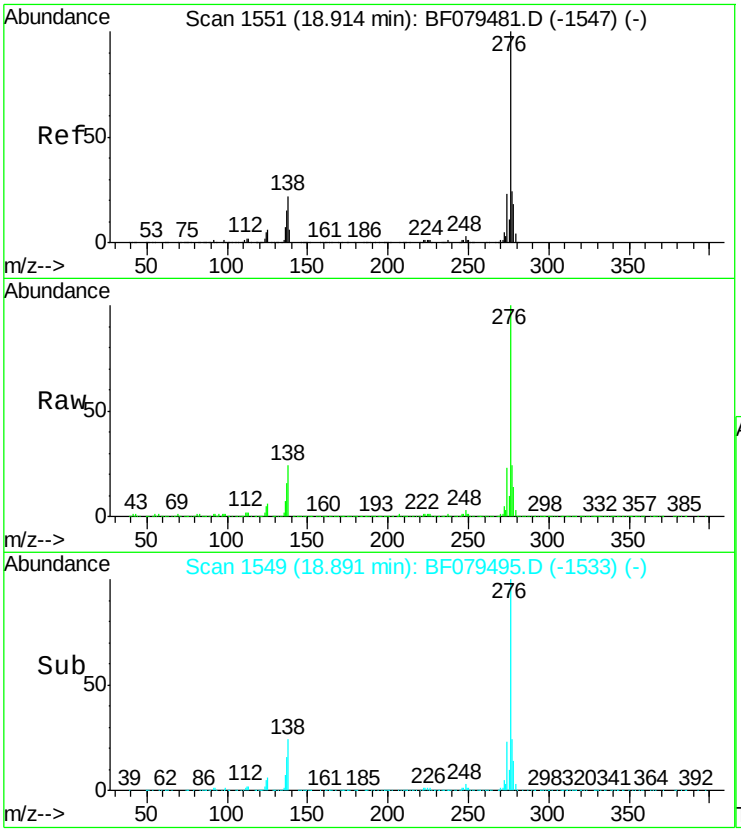


#84
Di-n-octyl phthalate
Concen: 53.55 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:149 Resp: 1254685

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	7.8	11.6

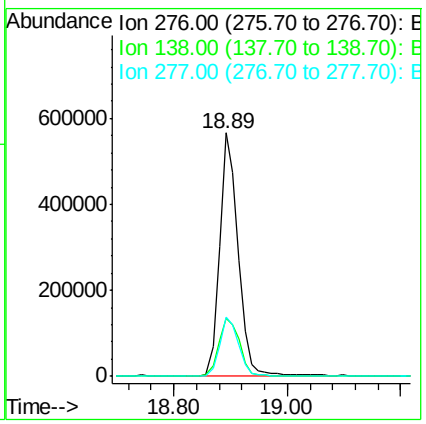




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.10 ng
RT: 18.89 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

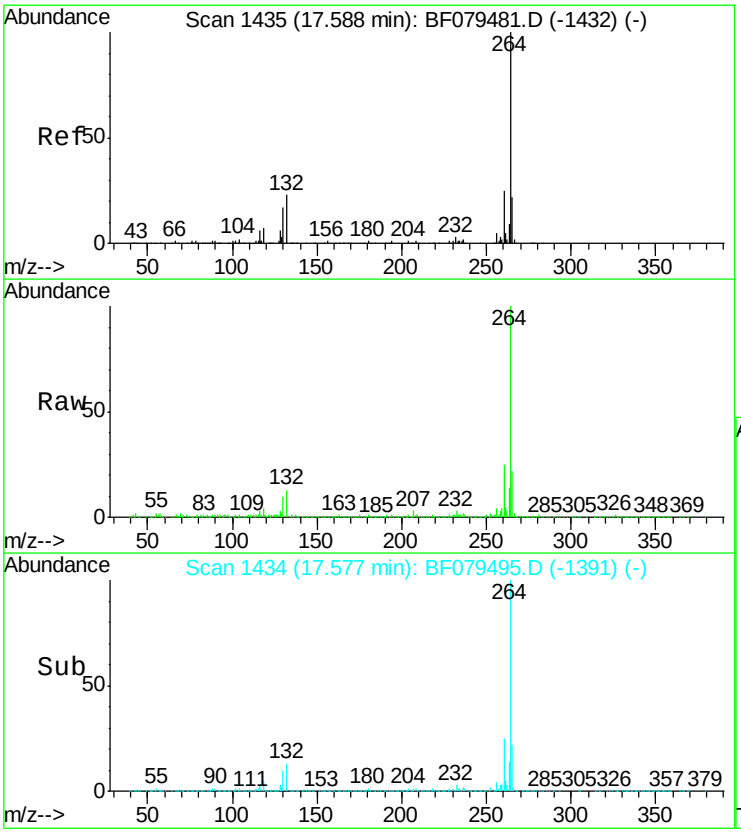
Tgt Ion:276 Resp: 1283186

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.4	32.2
277	25.2	19.8	29.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

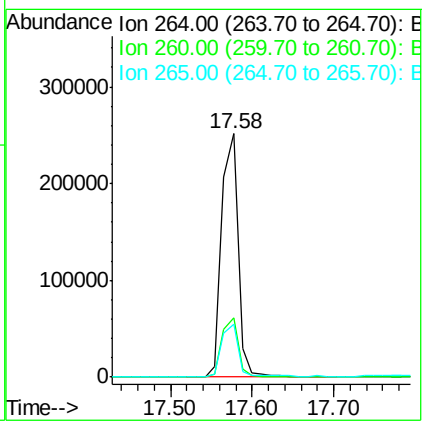
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

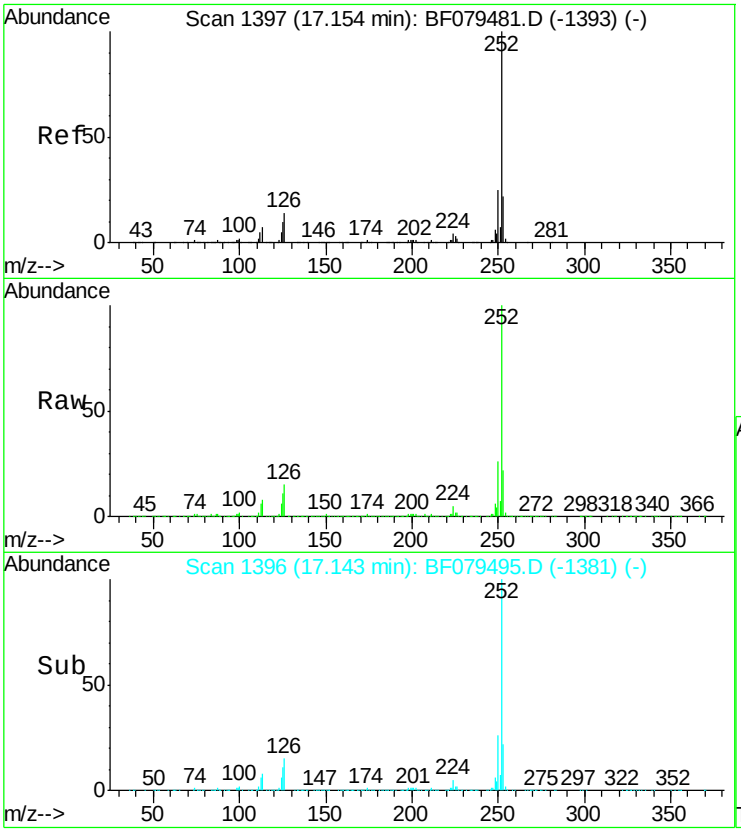


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.58 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:264 Resp: 353427

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.7	17.8	26.6

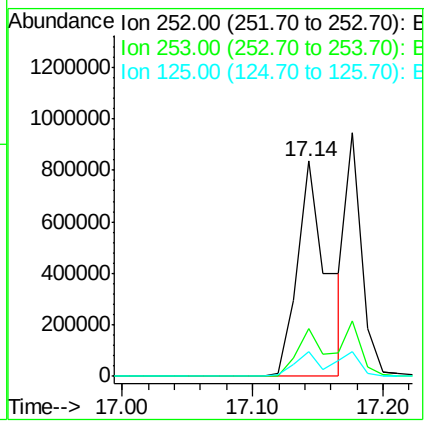




#87
Benzo(b)fluoranthene
Concen: 66.05 ng
RT: 17.14 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

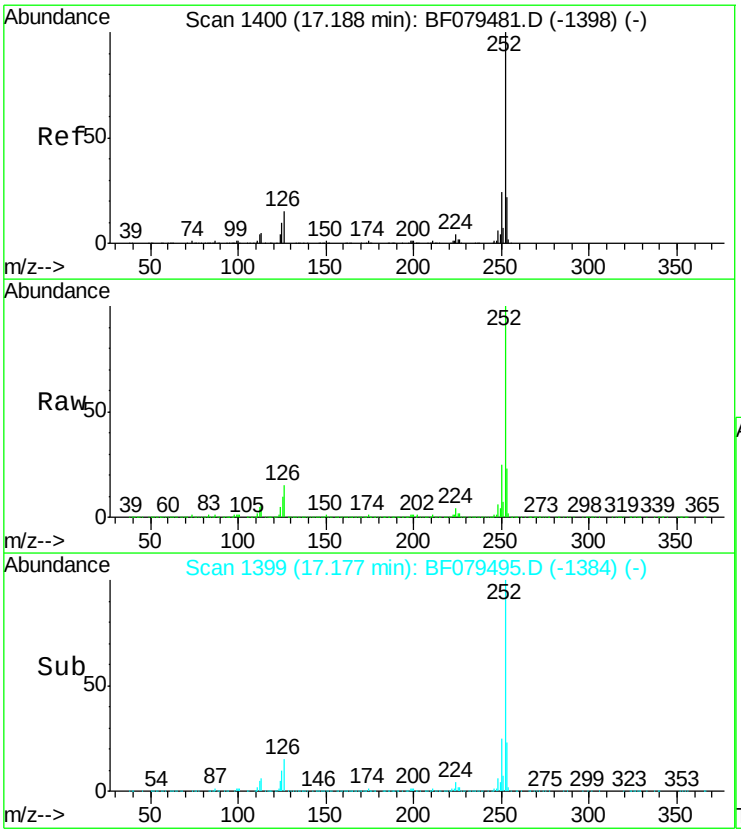
Tgt Ion:252 Resp: 1331444

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.5	7.8	11.6



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

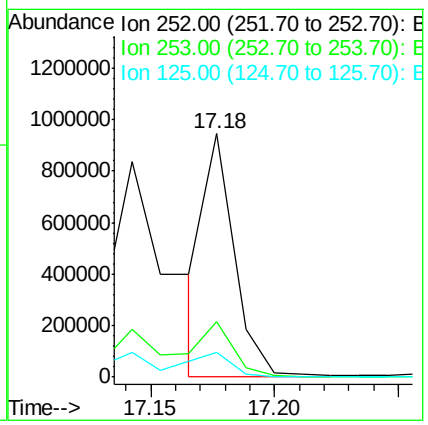
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

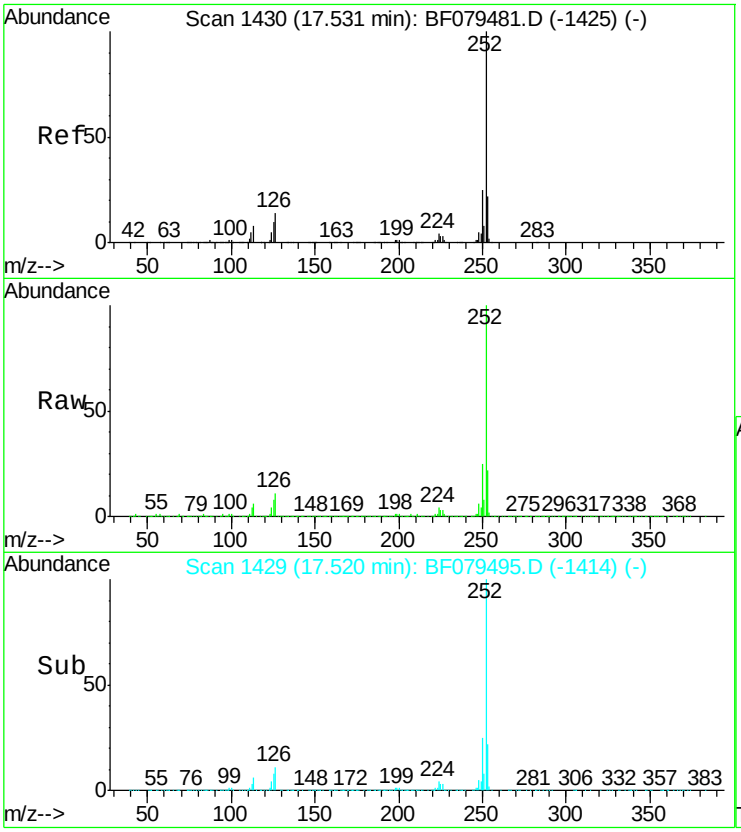


#88
Benzo(k)fluoranthene
Concen: 44.34 ng m
RT: 17.18 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:252 Resp: 799260

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.2	6.8	10.2

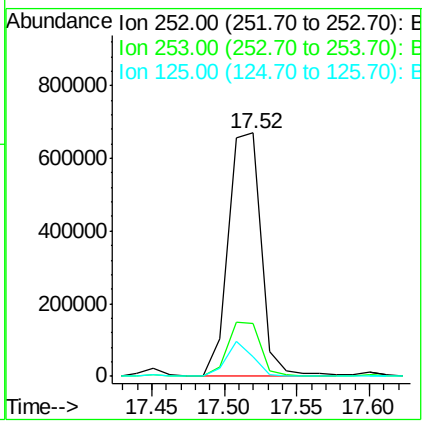




#89
Benzo(a)pyrene
Concen: 59.62 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

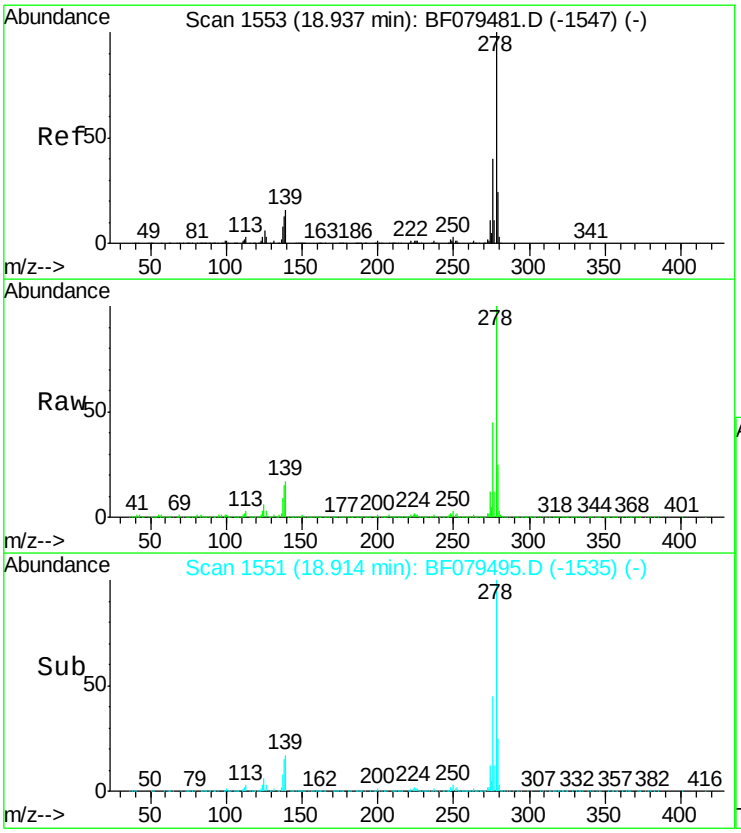
Tgt Ion:252 Resp: 1042722

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.2	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

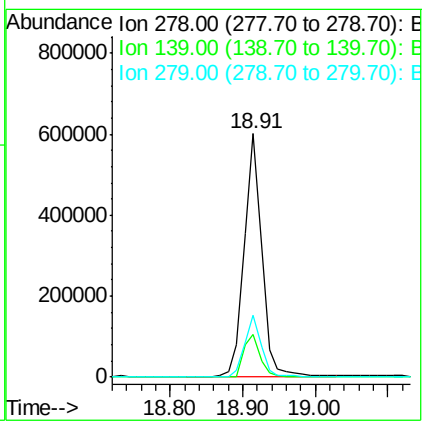
Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM

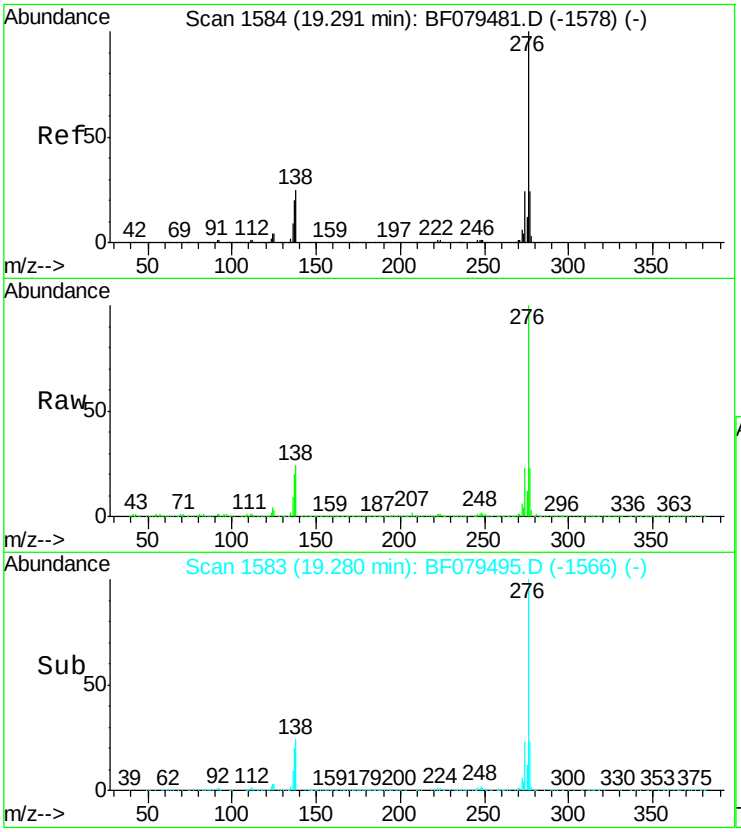


#90
Dibenzo(a,h)anthracene
Concen: 55.62 ng
RT: 18.91 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:278 Resp: 1022005

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.8	19.2
279	25.1	19.1	28.7

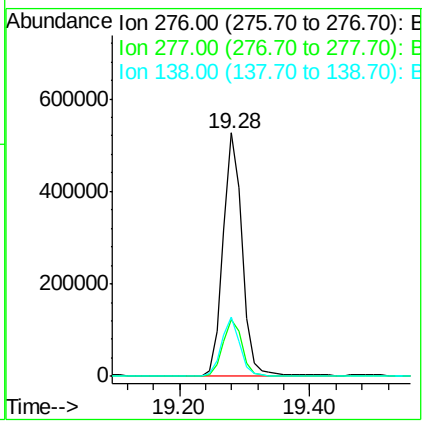




#91
Benzo(g,h,i)perylene
Concen: 56.80 ng
RT: 19.28 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF079495.D
Acq: 27 May 2015 1:26

Tgt Ion:276 Resp: 1062009

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	24.1	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Manual Integrations APPROVED
apatel
5/27/2015 2:01:45 PM