Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080622.D
Acq On : 24 Jul 2015 6:21
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

Quant Time: Jul 24 06:47:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	37536	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	150330	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	74150	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	141467	20.00	ng		0.00
75) Chrysene-d12	14.31	240	200009	20.00	ng		0.13
86) Perylene-d12	16.00	264	191220	20.00	ng		0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	193797	89.18	ng		0.01
7) Phenol-d6	6.56	99	224091	84.35	ng		0.00
23) Nitrobenzene-d5	7.50	82	216624	81.65	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	58530	99.62	ng		0.01
44) 2-Fluorobiphenyl	9.31	172	374944	73.37	ng		0.00
78) Terphenyl-d14	13.12	244	599660	62.74	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	37439	36.16	ng	#	100
3) Pyridine	3.26	79	110578	40.19	ng		93
4) n-Nitrosodimethylamine	3.17	42	70137	40.33	ng	#	95
6) Aniline	6.60	93	175098	45.09	ng		98
8) 2-Chlorophenol	6.73	128	107746	46.16	ng		95
9) Benzaldehyde	6.49	77	82353	41.92	ng		98
10) Phenol	6.57	94	126086	39.67	ng		87
11) bis(2-Chloroethyl)ether	6.67	93	88219	39.97	ng		98
12) 1,3-Dichlorobenzene	6.89	146	121339	41.00	ng		99
13) 1,4-Dichlorobenzene	6.97	146	123839	42.64	ng		98
14) 1,2-Dichlorobenzene	7.12	146	105743	39.28	ng		97
15) Benzyl Alcohol	7.08	79	110345	47.13	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	182621	40.82	ng		99
17) 2-Methylphenol	7.20	107	86580	47.06	ng		94
18) Hexachloroethane	7.47	117	41799	41.61	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	85960	47.75	ng		96
20) 3+4-Methylphenols	7.34	107	113002	44.43	ng	#	76
22) Acetophenone	7.36	105	163399	44.62	ng		96
24) Nitrobenzene	7.53	77	131970	46.54	ng		97
25) Isophorone	7.77	82	218966	44.56	ng		97
26) 2-Nitrophenol	7.85	139	45235	44.64	ng	#	84
27) 2,4-Dimethylphenol	7.88	122	101182	45.20	ng		93
28) bis(2-Chloroethoxy)methane	7.98	93	123512	45.49	ng		98
29) 2,4-Dichlorophenol	8.09	162	88821	48.52	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	100912	42.40	ng		96
31) Naphthalene	8.26	128	317109	42.17	ng		99
32) Benzoic acid	7.94	122	63475	58.78	ng		91
33) 4-Chloroaniline	8.30	127	132379	44.88	ng	#	94
34) Hexachlorobutadiene	8.38	225	57887	41.72	ng		95
35) Caprolactam	8.65	113	25873	52.48	ng	#	44
36) 4-Chloro-3-methylphenol	8.77	107	90821	41.70	ng		91
37) 2-Methylnaphthalene	8.96	142	181272m	43.05	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	91847	36.63	ng		98
40) Hexachlorocyclopentadiene	9.10	237	17742	13.44	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080622.D
Acq On : 24 Jul 2015 6:21
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

Quant Time: Jul 24 06:47:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	59504	42.31	ng		95
43) 2,4,5-Trichlorophenol	9.26	196	63281	44.57	ng	#	79
45) 1,1'-Biphenyl	9.41	154	220019	36.45	ng		99
46) 2-Chloronaphthalene	9.44	162	176138	36.07	ng		98
47) 2-Nitroaniline	9.53	65	63163	42.41	ng		94
48) Acenaphthylene	9.86	152	295697	40.88	ng		99
49) Dimethylphthalate	9.71	163	225945	41.42	ng		100
50) 2,6-Dinitrotoluene	9.77	165	39968	39.17	ng	#	80
51) Acenaphthene	10.03	154	174647	40.19	ng		99
52) 3-Nitroaniline	9.94	138	52506	47.31	ng	#	86
53) 2,4-Dinitrophenol	10.04	184	3934	18.71	ng	#	64
54) Dibenzofuran	10.20	168	253049	40.29	ng		98
55) 4-Nitrophenol	10.09	139	36043	44.96	ng	#	70
56) 2,4-Dinitrotoluene	10.17	165	49907	39.04	ng	#	85
57) Fluorene	10.54	166	204656	40.59	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.32	232	53655	48.57	ng		97
59) Diethylphthalate	10.42	149	200863	39.45	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	88060	38.89	ng		99
61) 4-Nitroaniline	10.54	138	54105	48.41	ng		91
62) Azobenzene	10.69	77	207455	38.90	ng		99
64) 4,6-Dinitro-2-methylphenol	10.58	198	8239	23.43	ng		92
65) n-Nitrosodiphenylamine	10.65	169	170735	36.78	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	52346	36.40	ng		98
67) Hexachlorobenzene	11.09	284	63989	39.41	ng		95
68) Atrazine	11.17	200	53094	41.63	ng		97
69) Pentachlorophenol	11.29	266	43025	56.79	ng		95
70) Phenanthrene	11.50	178	316272	39.61	ng		99
71) Anthracene	11.56	178	324360	43.37	ng		99
72) Carbazole	11.71	167	308314	47.68	ng		99
73) Di-n-butylphthalate	12.05	149	366909	48.82	ng		99
74) Fluoranthene	12.72	202	387370	54.21	ng		99
76) Benzidine	12.85	184	263924	44.90	ng		98
77) Pyrene	12.96	202	415375	30.95	ng		99
79) Butylbenzylphthalate	13.64	149	198765	41.98	ng	#	80
80) Benzo(a)anthracene	14.29	228	465875	41.31	ng		99
81) 3,3'-Dichlorobenzidine	14.26	252	176944	54.90	ng	#	95
82) Chrysene	14.34	228	459169	40.92	ng		97
83) Bis(2-ethylhexyl)phthalate	14.31	149	288129	43.92	ng		97
84) Di-n-octyl phthalate	15.07	149	546267	58.02	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.53	276	470727	55.46	ng		97
87) Benzo(b)fluoranthene	15.55	252	447639	38.49	ng		99
88) Benzo(k)fluoranthene	15.59	252	454497m	39.27	ng		
89) Benzo(a)pyrene	15.93	252	417887	40.50	ng		96
90) Dibenzo(a,h)anthracene	17.55	278	394109	40.44	ng		97
91) Benzo(g,h,i)perylene	17.97	276	387225	38.90	ng		96

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

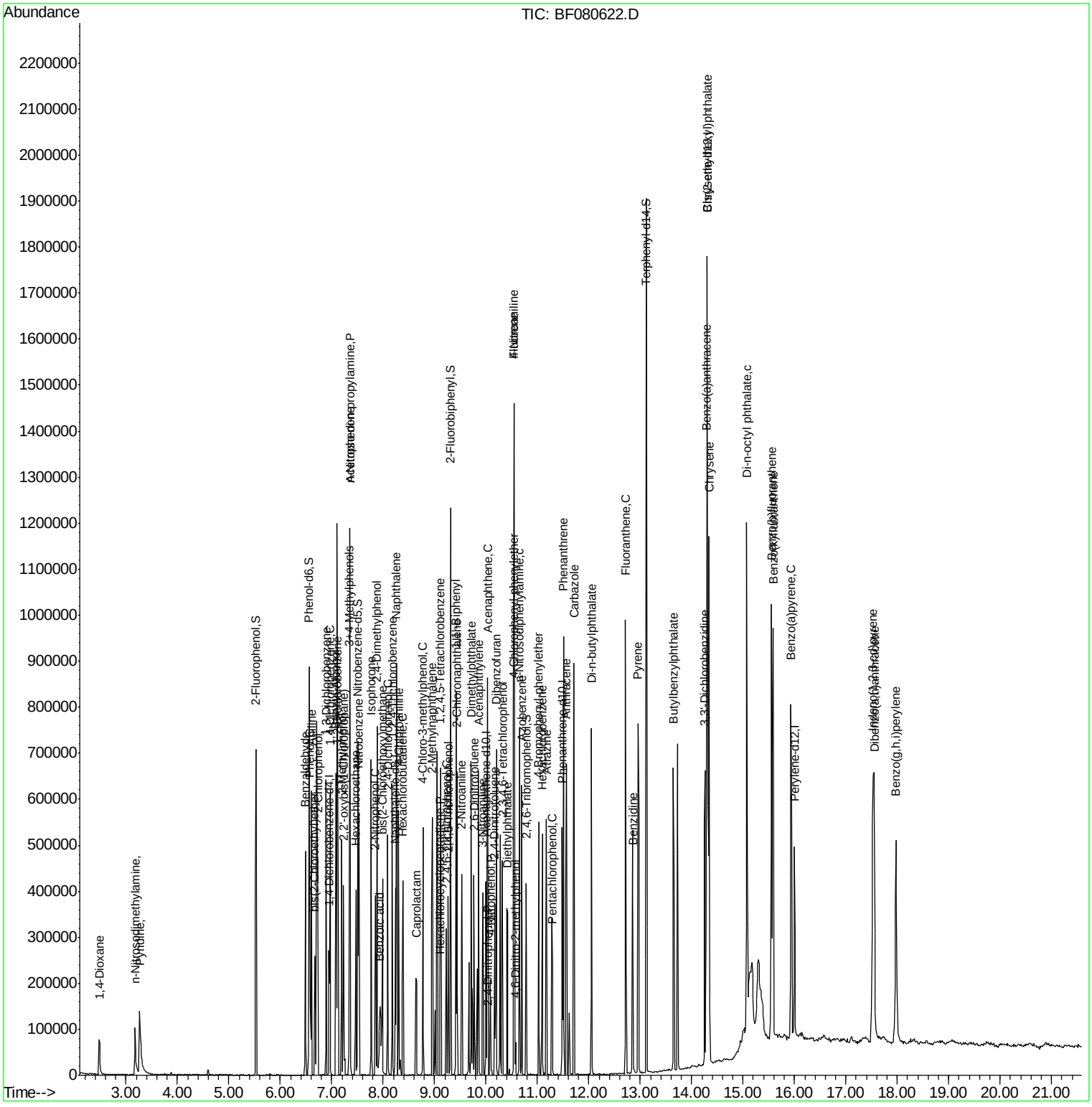
Quantitation Report (QT Reviewed)

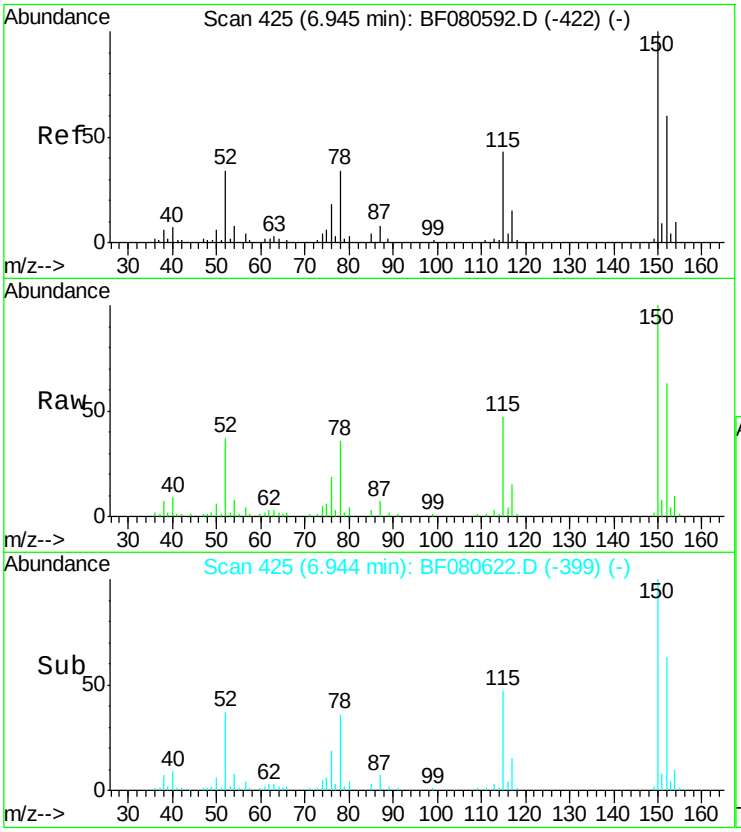
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
Data File : BF080622.D
Acq On : 24 Jul 2015 6:21
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 24 06:47:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 01:01:51 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

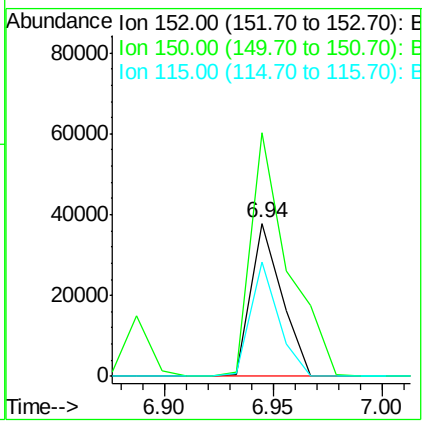




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

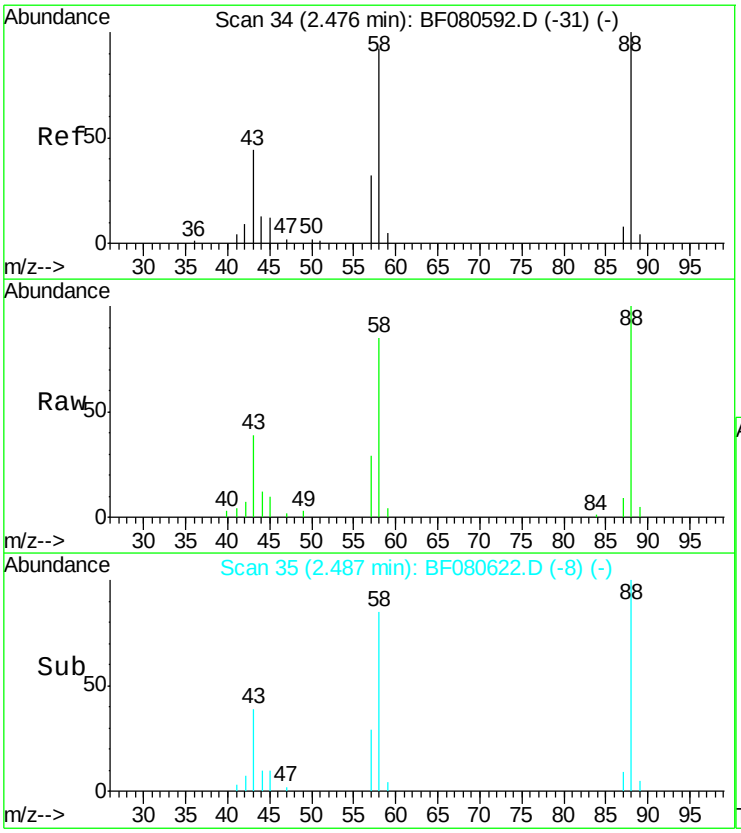
Tgt Ion:152 Resp: 37536

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.7	193.1
115	74.8	56.8	85.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

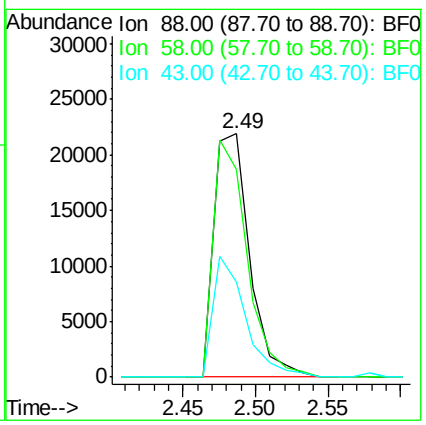
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

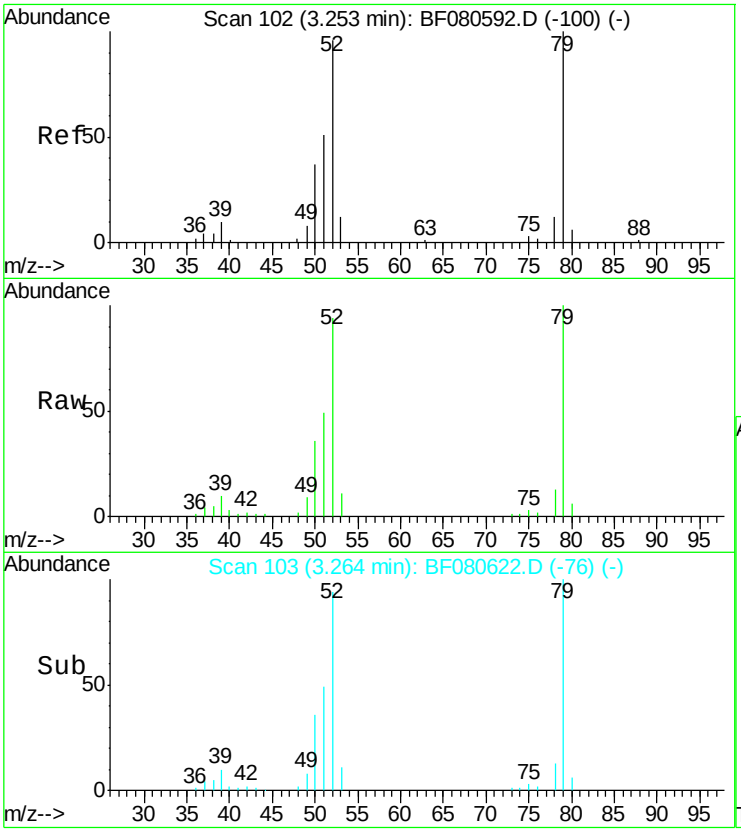


#2
1,4-Dioxane
Concen: 36.16 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 88 Resp: 37439

Ion	Ratio	Lower	Upper
88	100		
58	92.0	0.0	0.0#
43	45.2	0.0	0.0#

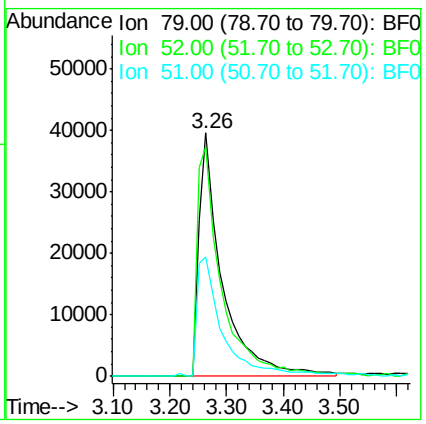




#3
Pyridine
Concen: 40.19 ng
RT: 3.26 min Scan# 103
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

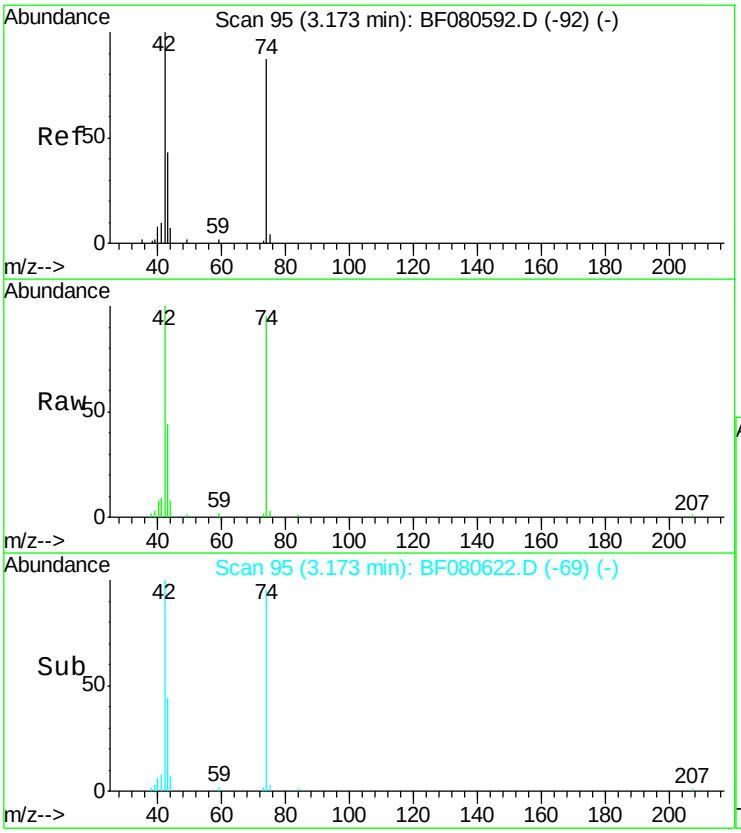
Tgt Ion: 79 Resp: 110578

Ion	Ratio	Lower	Upper
79	100		
52	94.2	79.6	119.4
51	49.2	44.5	66.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

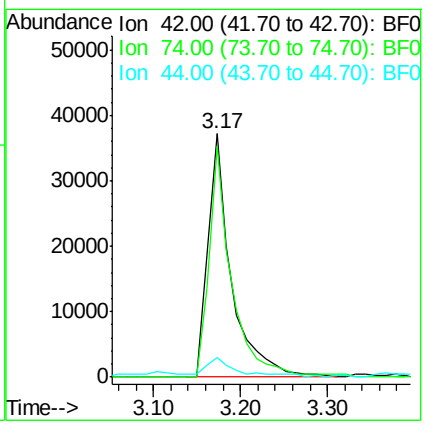
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

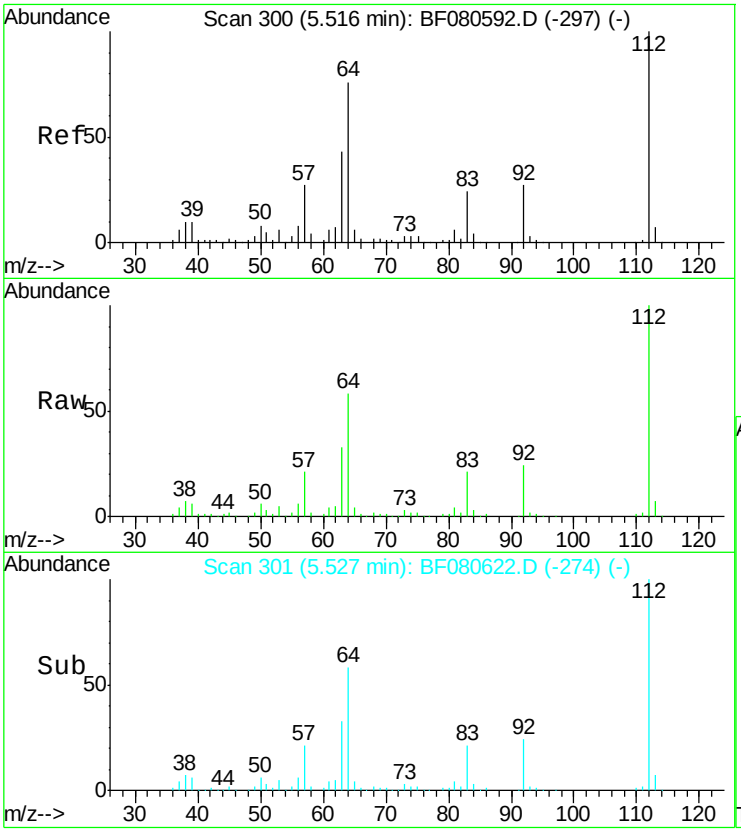


#4
n-Nitrosodimethylamine
Concen: 40.33 ng
RT: 3.17 min Scan# 95
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 42 Resp: 70137

Ion	Ratio	Lower	Upper
42	100		
74	94.8	72.6	108.8
44	8.0	10.4	15.6#





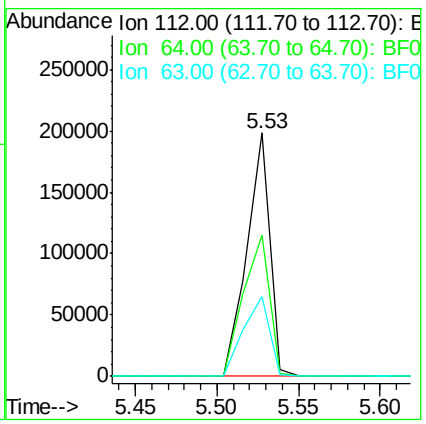
#5
2-Fluorophenol
Concen: 89.18 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

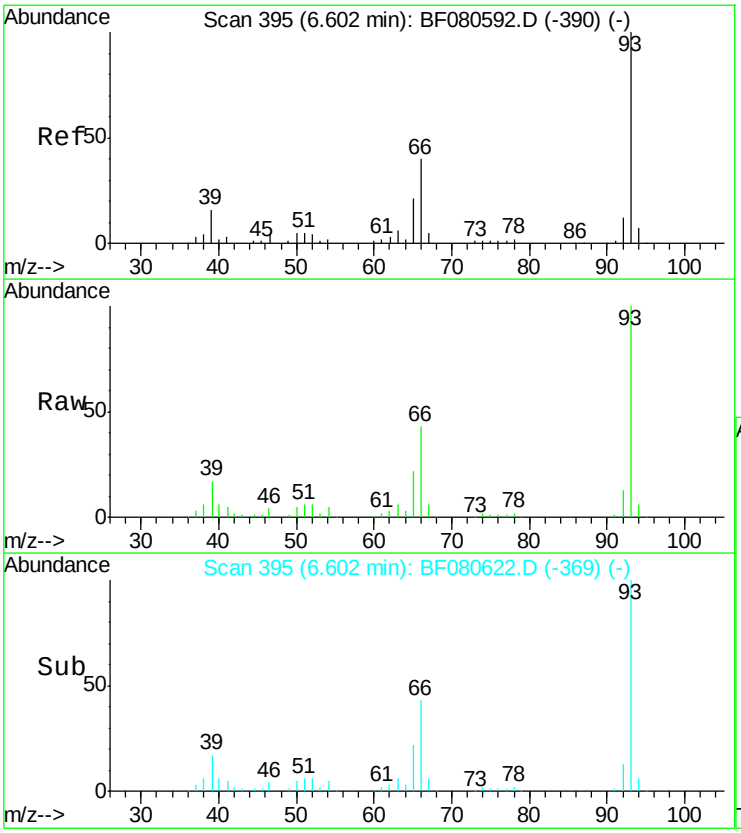
Tgt Ion:112 Resp: 193797

Ion	Ratio	Lower	Upper
112	100		
64	57.8	60.2	90.2#
63	32.6	34.8	52.2#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

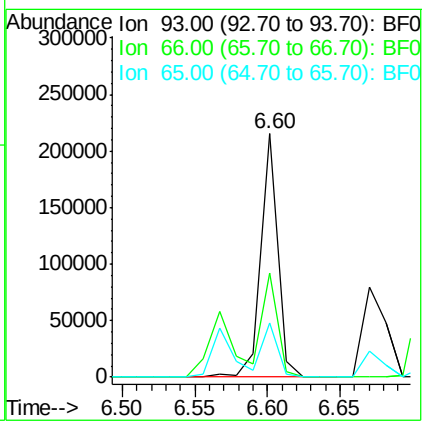


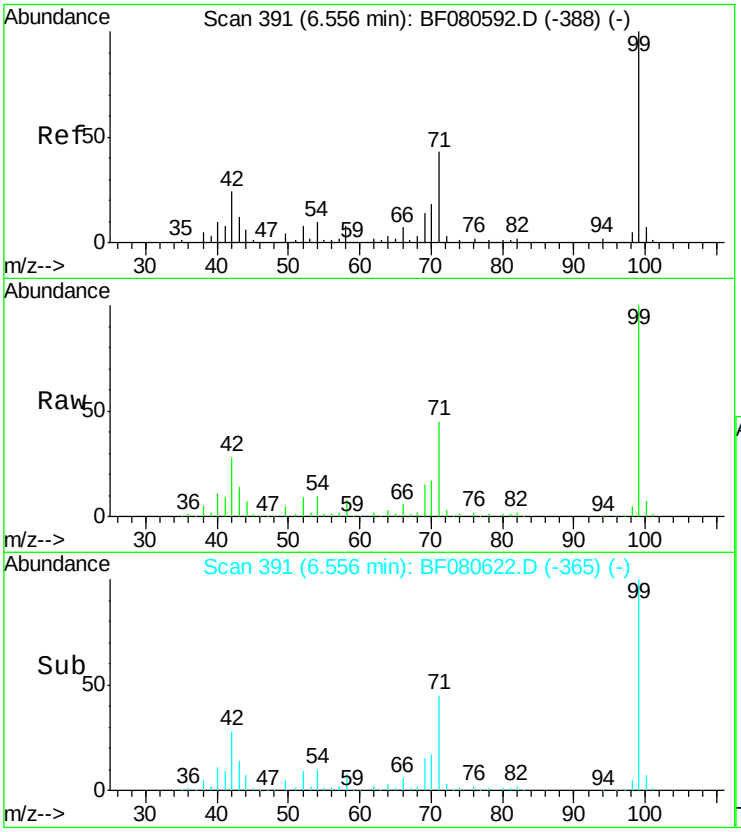


#6
Aniline
Concen: 45.09 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 93 Resp: 175098

Ion	Ratio	Lower	Upper
93	100		
66	43.0	33.1	49.7
65	22.1	17.2	25.8





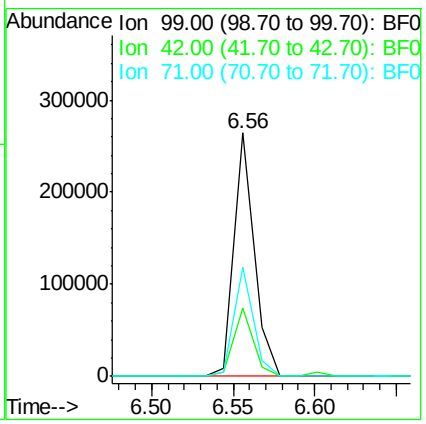
#7
Phenol-d6
Concen: 84.35 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

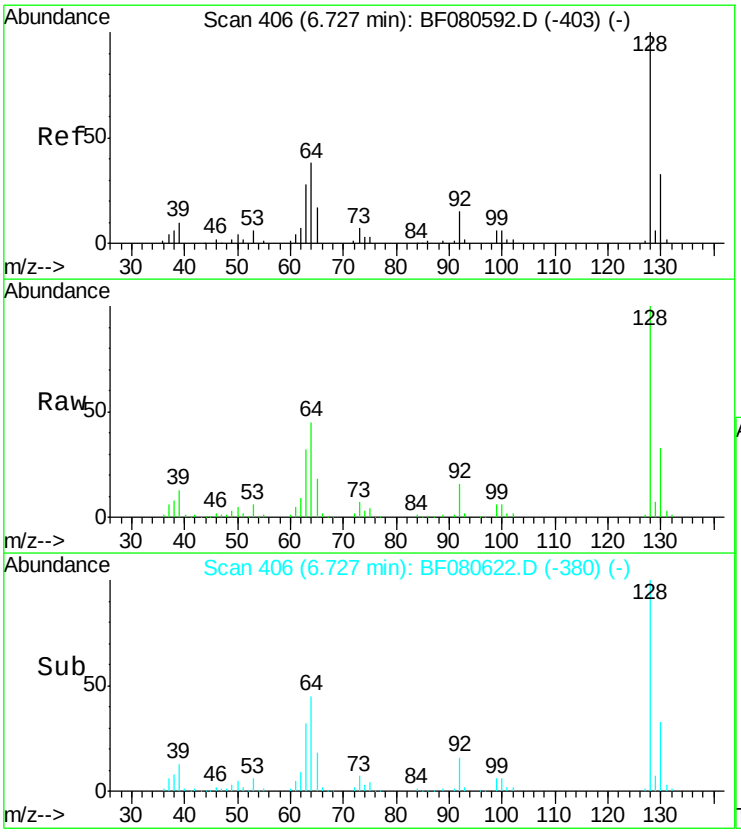
Tgt Ion: 99 Resp: 224091

Ion	Ratio	Lower	Upper
99	100		
42	28.1	17.4	26.2#
71	45.1	29.0	43.6#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

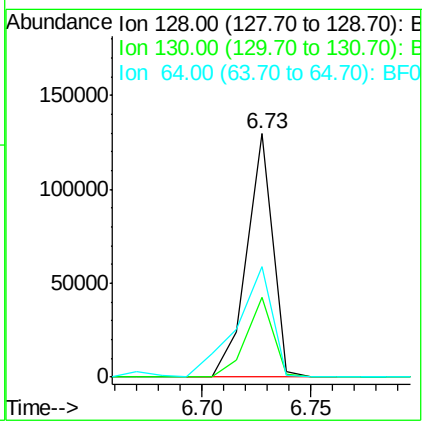


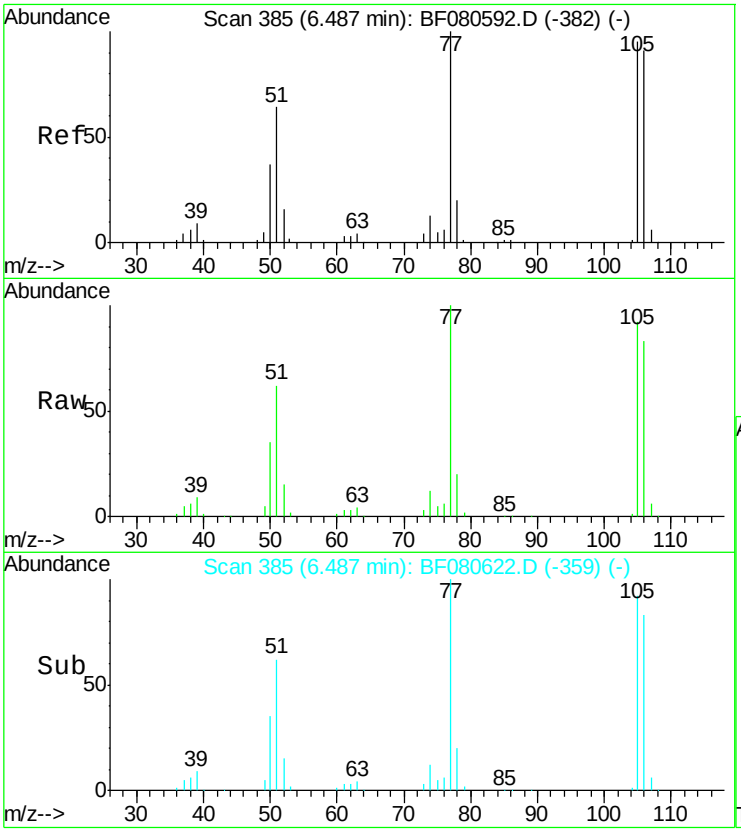


#8
2-Chlorophenol
Concen: 46.16 ng
RT: 6.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:128 Resp: 107746

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.8	51.8
64	45.2	20.2	60.2

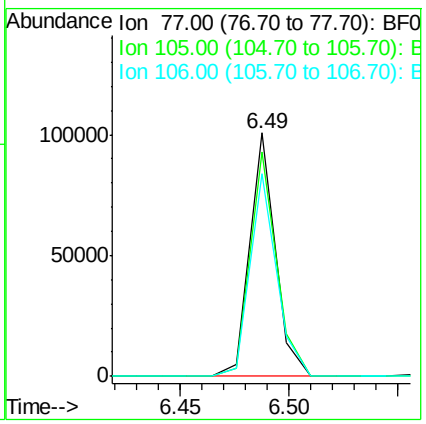




#9
Benzaldehyde
Concen: 41.92 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

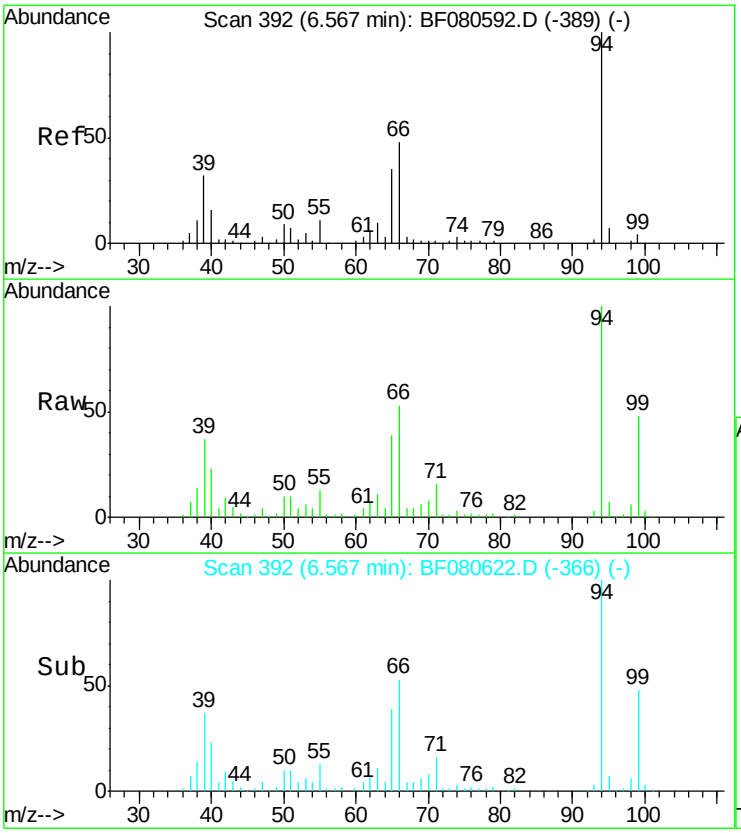
Tgt Ion: 77 Resp: 82353

Ion	Ratio	Lower	Upper
77	100		
105	91.9	72.3	112.3
106	83.2	67.5	107.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

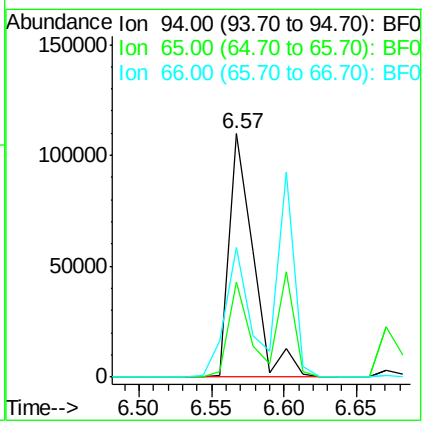
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

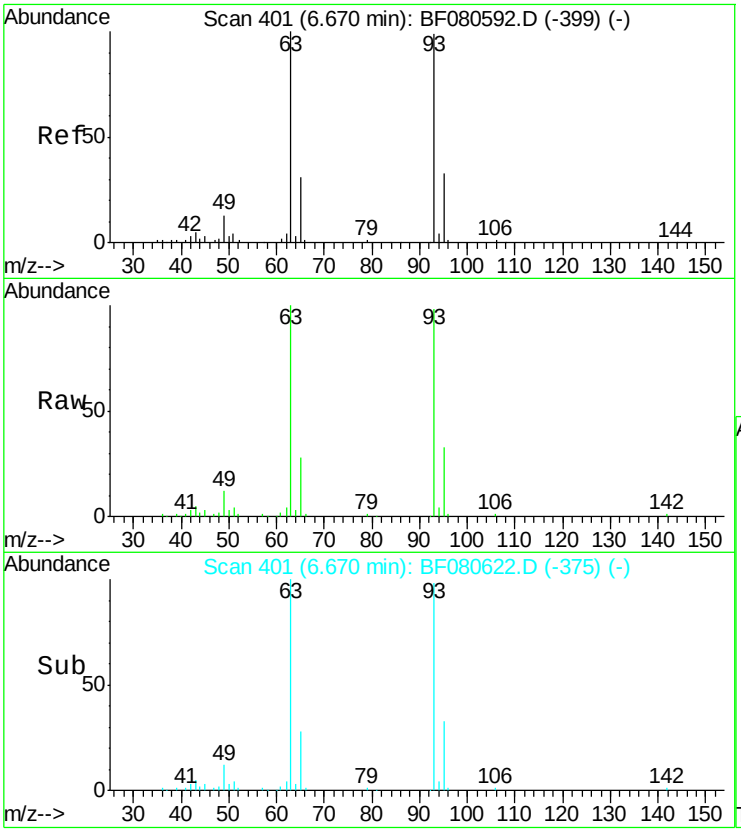


#10
Phenol
Concen: 39.67 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 94 Resp: 126086

Ion	Ratio	Lower	Upper
94	100		
65	39.1	12.1	52.1
66	53.4	24.3	64.3

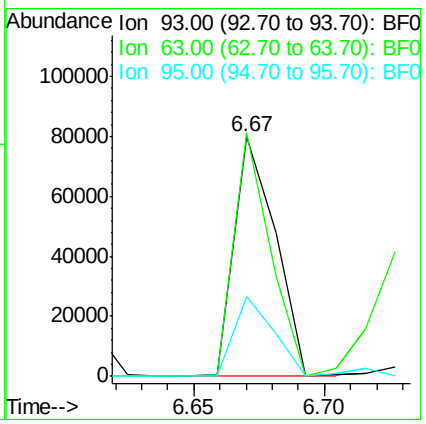




#11
bis(2-Chloroethyl)ether
Concen: 39.97 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

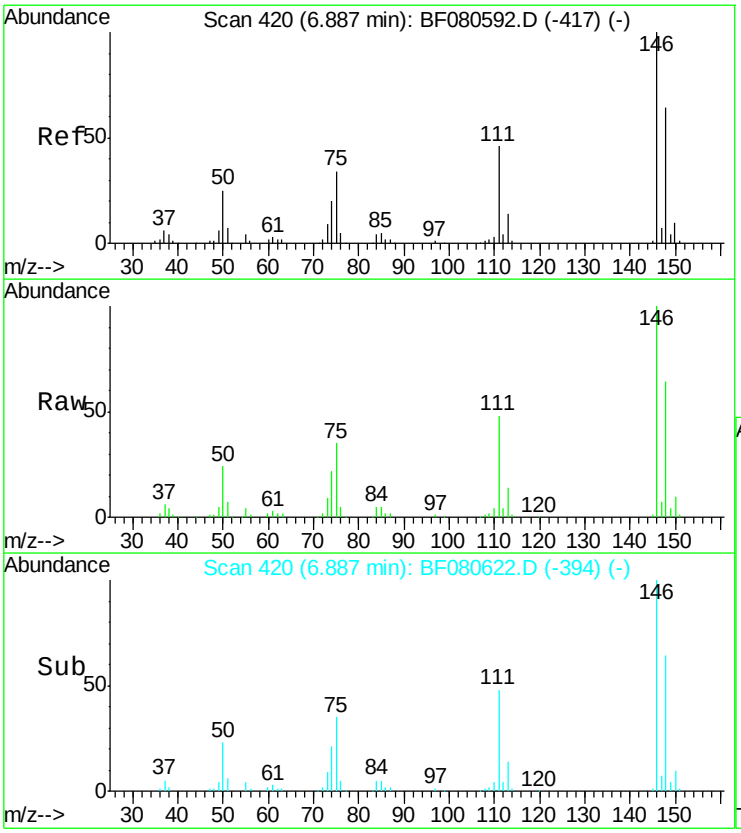
Tgt Ion: 93 Resp: 88219

Ion	Ratio	Lower	Upper
93	100		
63	101.7	80.5	120.5
95	33.2	11.2	51.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

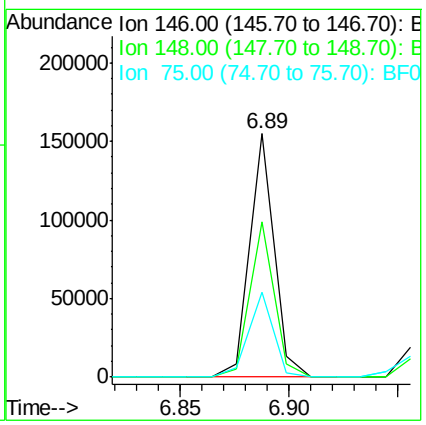
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

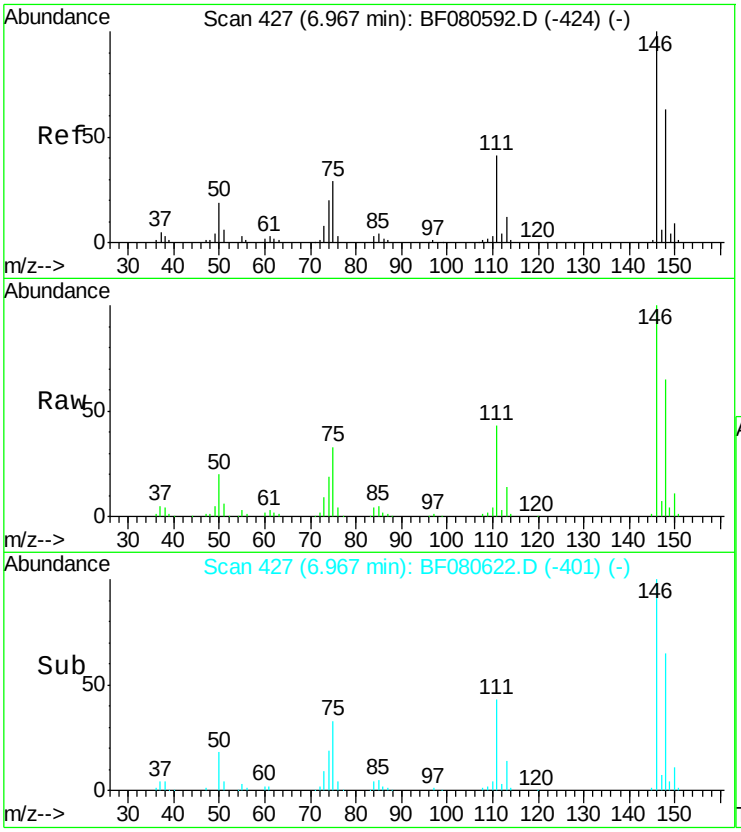


#12
1,3-Dichlorobenzene
Concen: 41.00 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:146 Resp: 121339

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
75	34.7	27.1	40.7

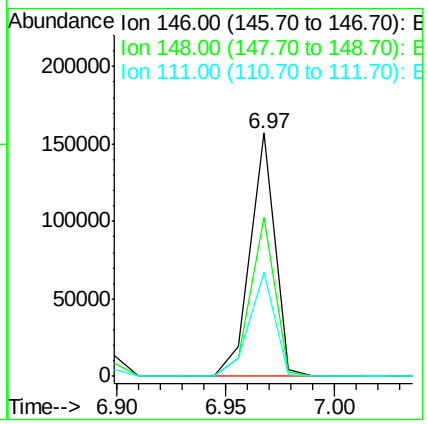




#13
1,4-Dichlorobenzene
Concen: 42.64 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

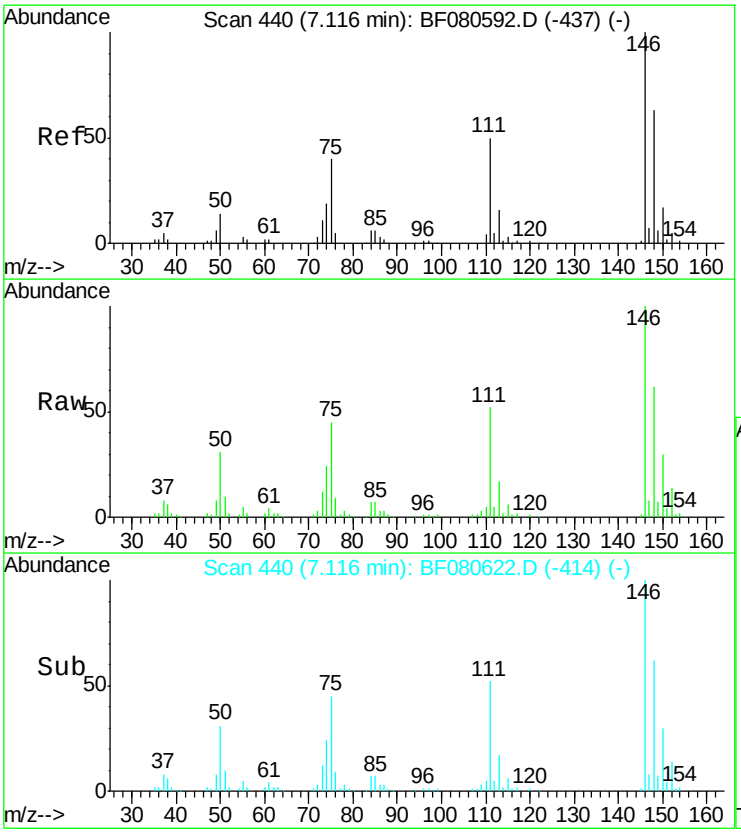
Tgt Ion:146 Resp: 123839

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	42.7	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

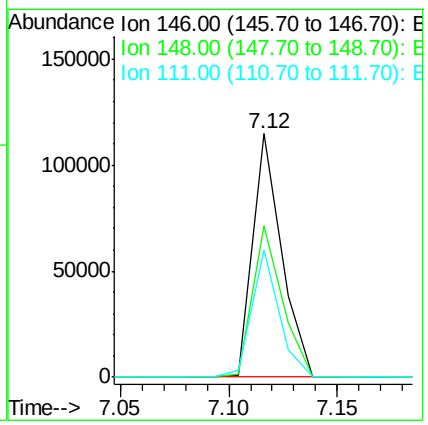
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

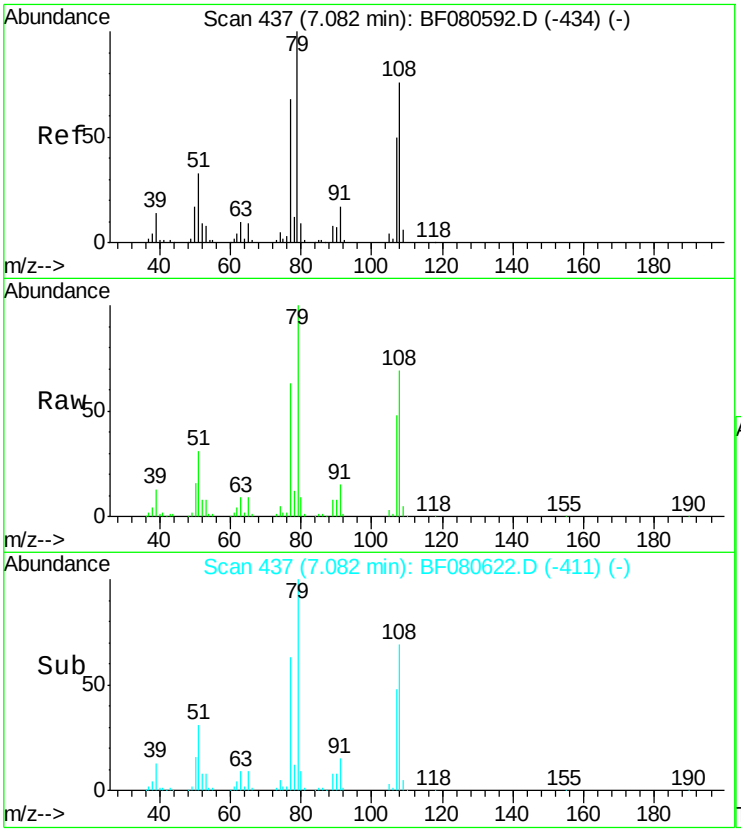


#14
1,2-Dichlorobenzene
Concen: 39.28 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:146 Resp: 105743

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.3	75.5
111	52.0	38.2	57.2

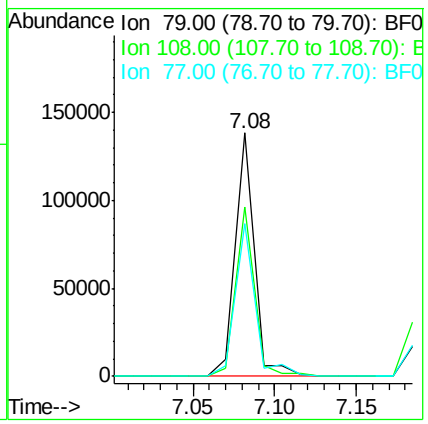




#15
Benzyl Alcohol
Concen: 47.13 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

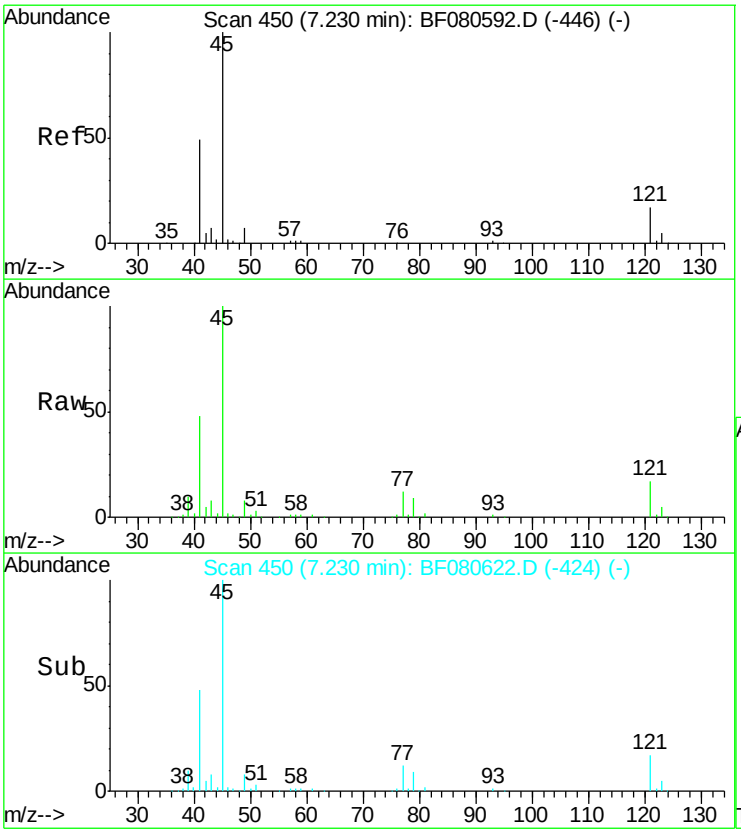
Tgt Ion: 79 Resp: 110345

Ion	Ratio	Lower	Upper
79	100		
108	69.4	61.5	92.3
77	62.7	53.6	80.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

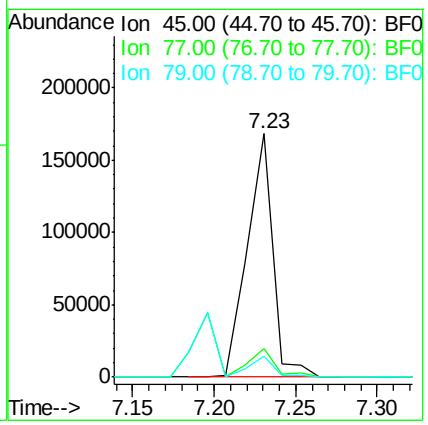
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

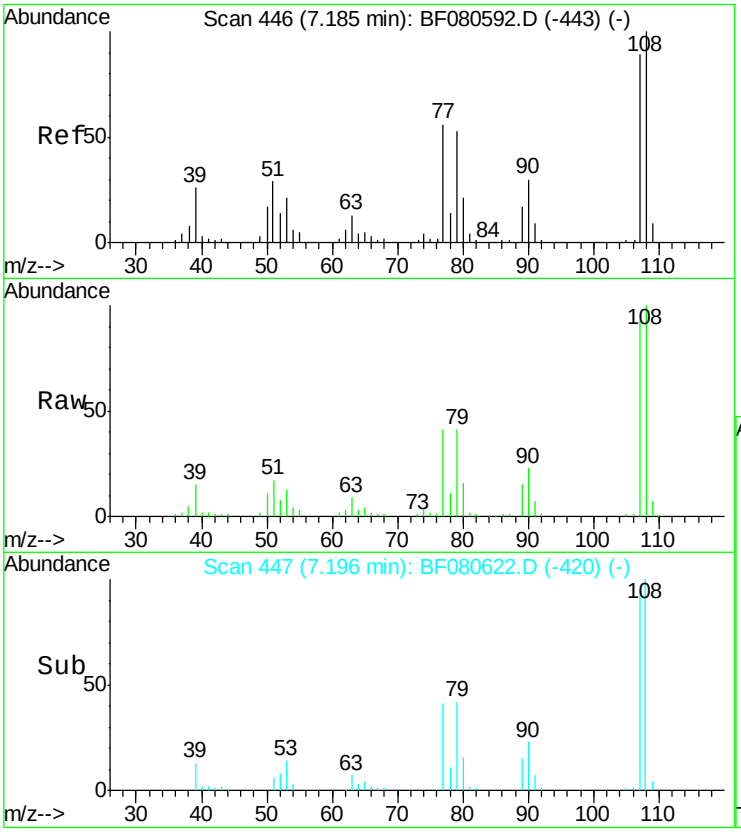


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.82 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 45 Resp: 182621

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	30.8
79	8.8	0.0	28.6

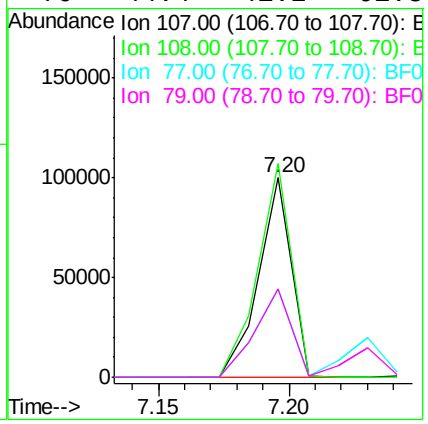




#17
2-Methylphenol
Concen: 47.06 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

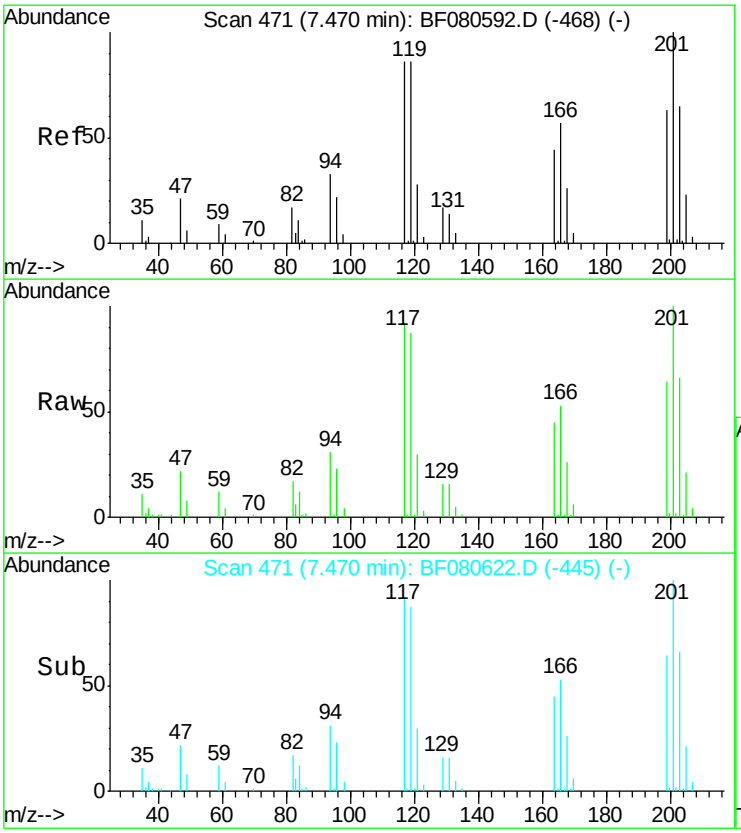
Tgt Ion:107 Resp: 86580

Ion	Ratio	Lower	Upper
107	100		
108	107.0	86.0	129.0
77	44.3	43.4	65.2
79	44.4	41.2	61.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

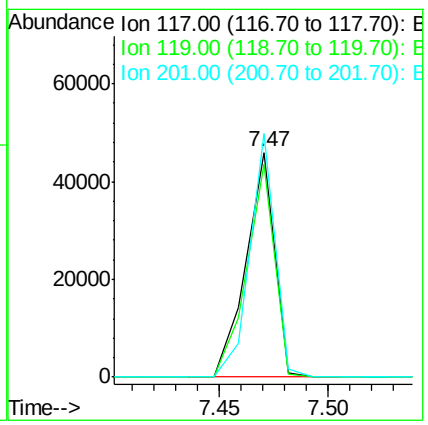
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

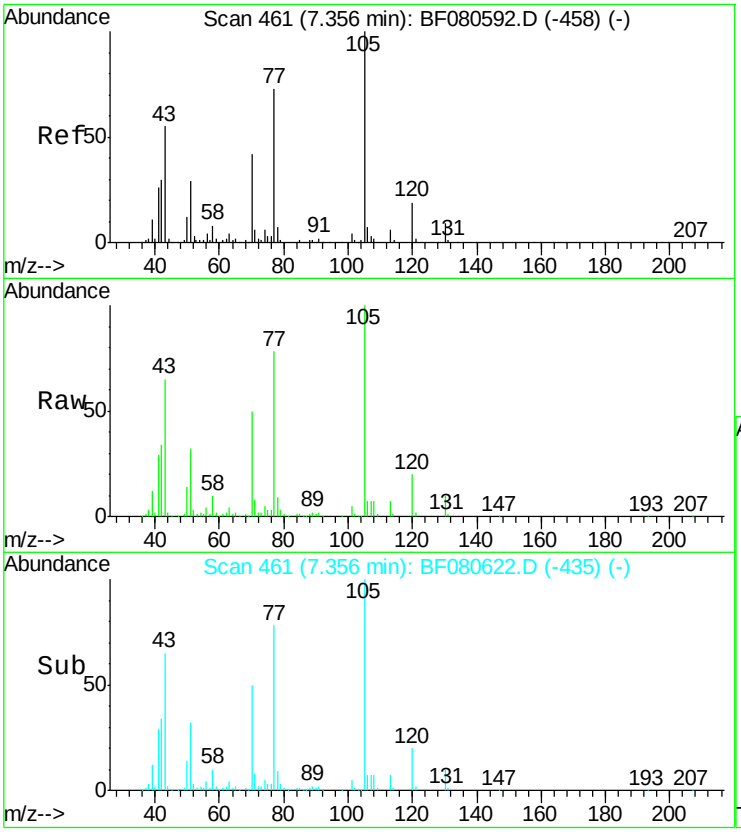


#18
Hexachloroethane
Concen: 41.61 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:117 Resp: 41799

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.5	114.7
201	108.4	91.6	137.4

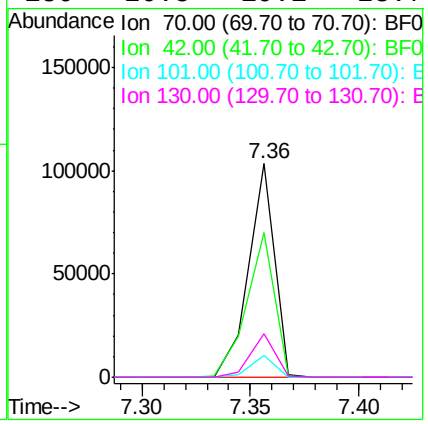




#19
n-Nitroso-di-n-propylamine
Concen: 47.75 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

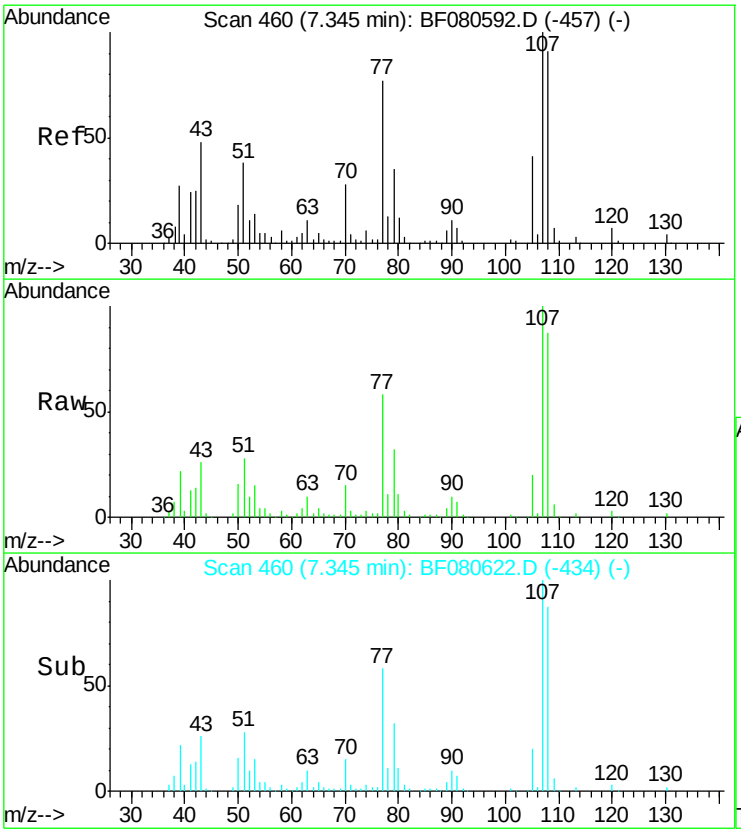
Tgt Ion: 70 Resp: 85960

Ion	Ratio	Lower	Upper
70	100		
42	68.0	56.6	85.0
101	10.4	9.7	14.5
130	20.5	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

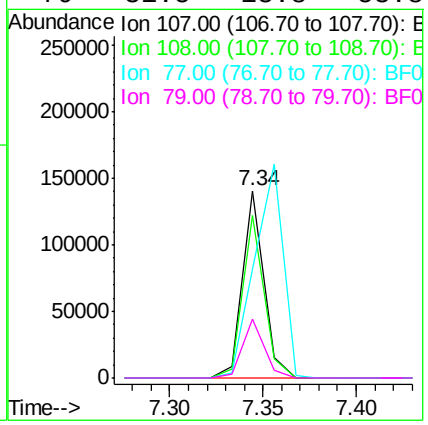
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

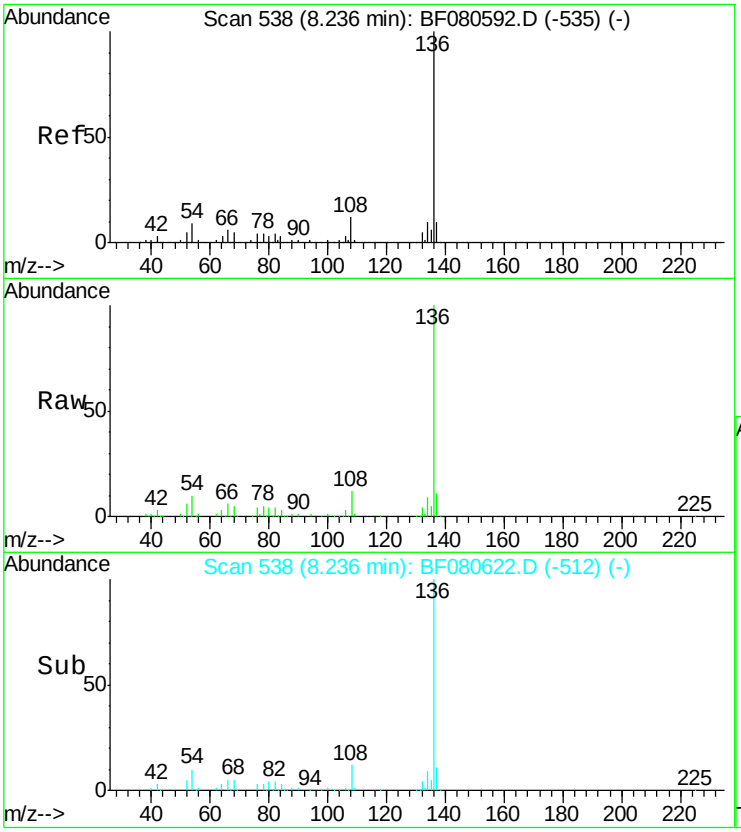


#20
3+4-Methylphenols
Concen: 44.43 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:107 Resp: 113002

Ion	Ratio	Lower	Upper
107	100		
108	87.1	75.6	115.6
77	58.3	84.7	124.7#
79	31.5	13.8	53.8

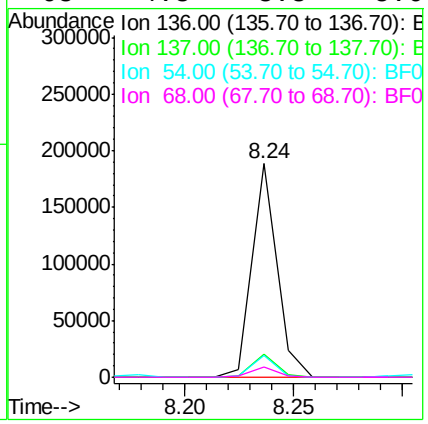




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

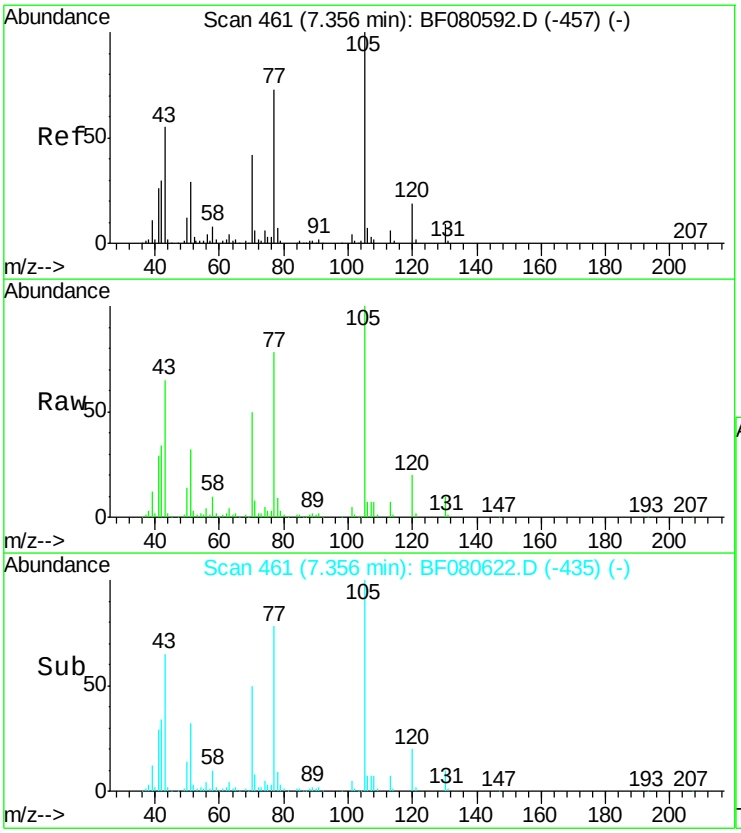
Tgt Ion:136 Resp: 150330

Ion	Ratio	Lower	Upper
136	100		
137	10.9	7.8	11.8
54	10.0	7.2	10.8
68	4.8	3.8	5.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

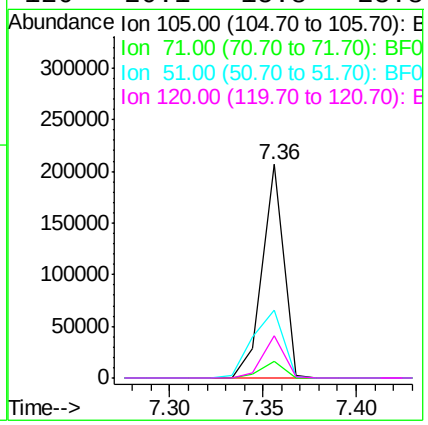
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

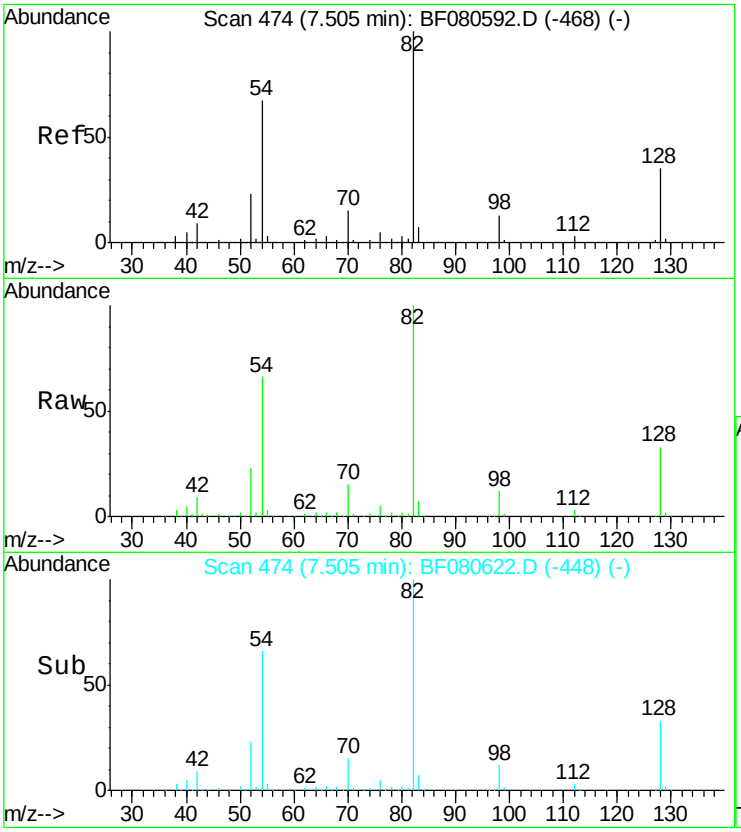


#22
Acetophenone
Concen: 44.62 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:105 Resp: 163399

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.5	8.3
51	31.8	23.0	34.4
120	20.1	15.8	23.8

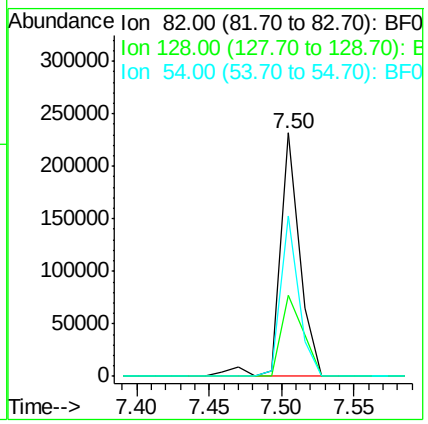




#23
Nitrobenzene-d5
Concen: 81.65 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

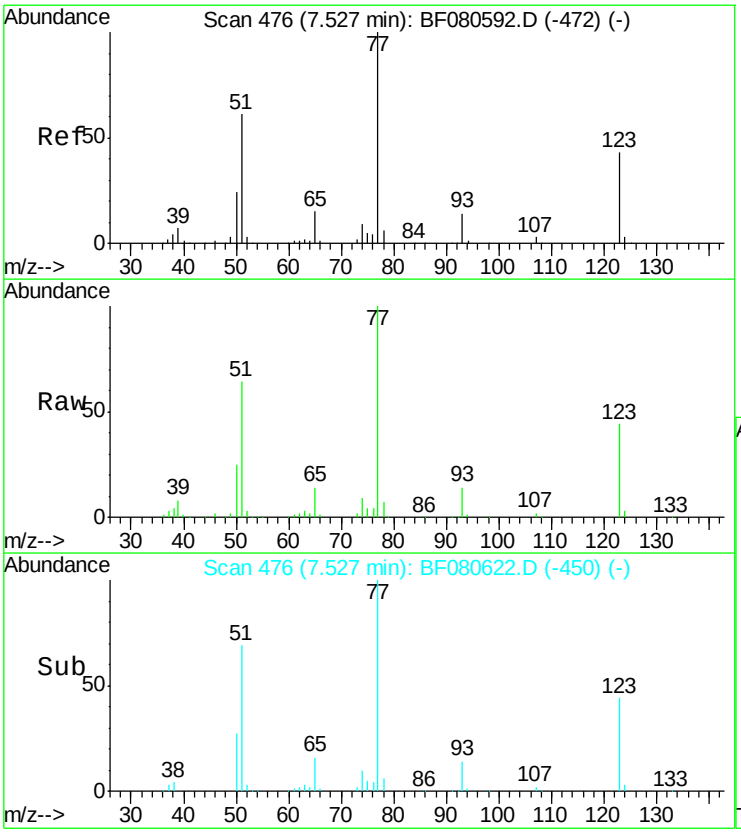
Tgt Ion: 82 Resp: 216624

Ion	Ratio	Lower	Upper
82	100		
128	33.3	28.9	43.3
54	66.1	54.5	81.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

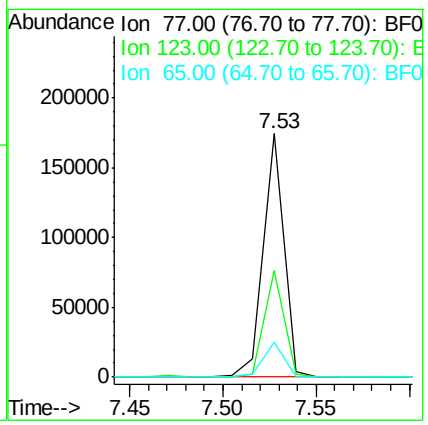
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

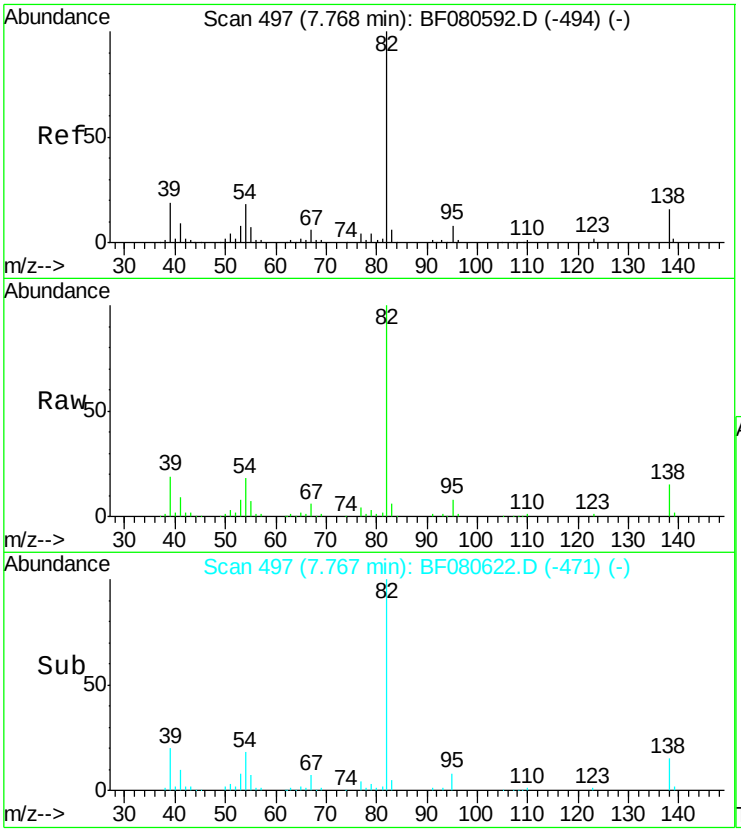


#24
Nitrobenzene
Concen: 46.54 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 77 Resp: 131970

Ion	Ratio	Lower	Upper
77	100		
123	43.6	37.1	55.7
65	14.2	11.4	17.2

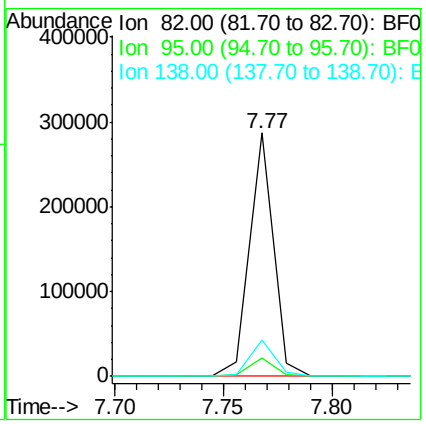




#25
Isophorone
Concen: 44.56 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

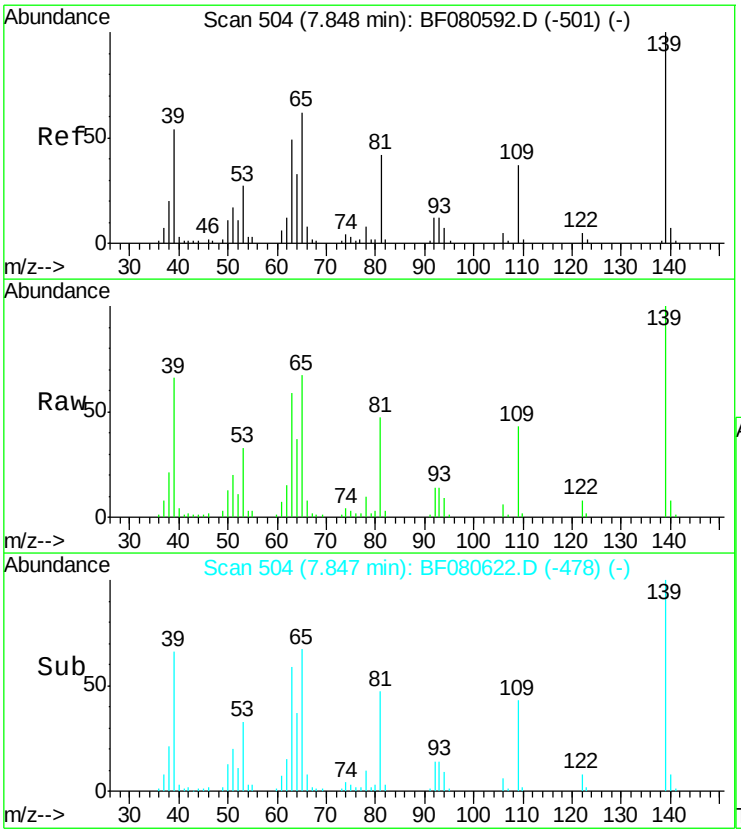
Tgt Ion: 82 Resp: 218966

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	14.8	13.4	20.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

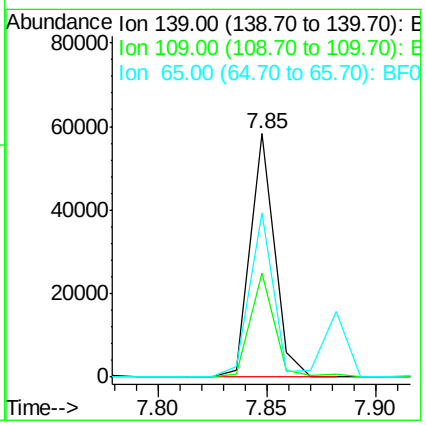
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

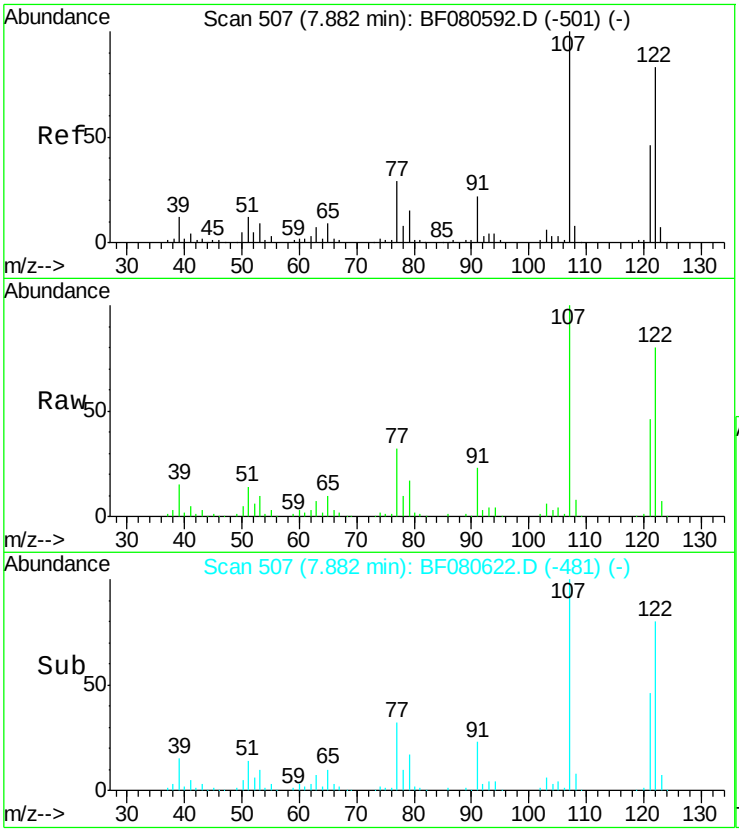


#26
2-Nitrophenol
Concen: 44.64 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:139 Resp: 45235

Ion	Ratio	Lower	Upper
139	100		
109	42.6	26.0	39.0#
65	67.3	45.4	68.0

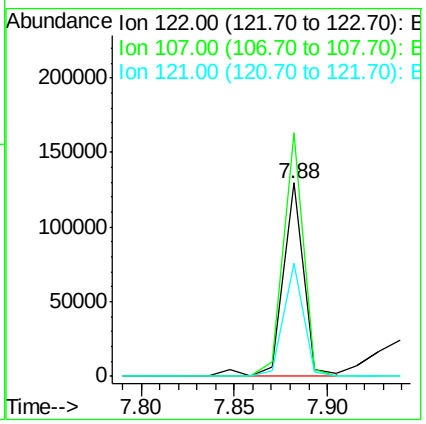




#27
2,4-Dimethylphenol
Concen: 45.20 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

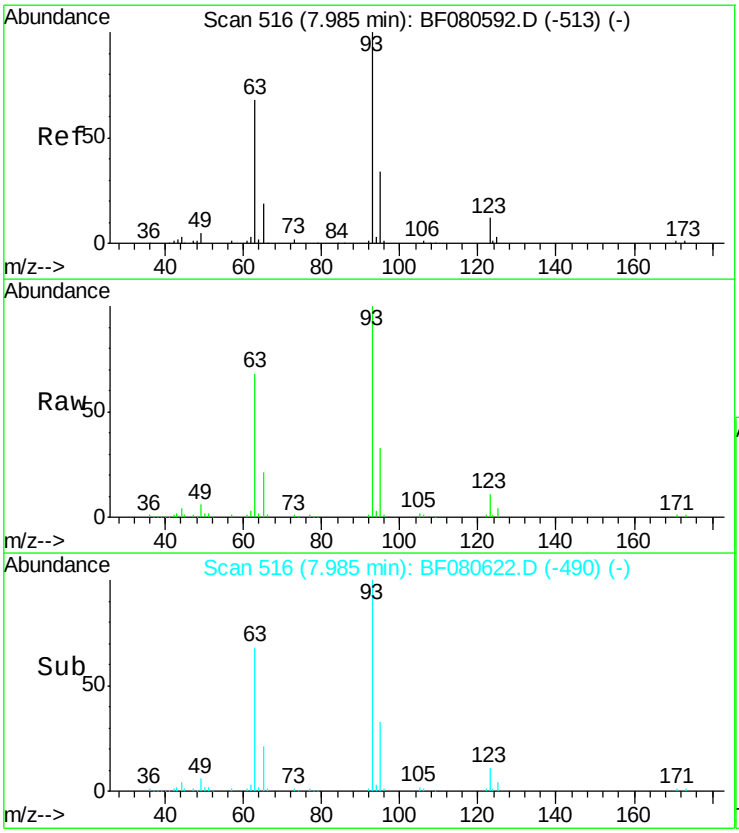
Tgt Ion:122 Resp: 101182

Ion	Ratio	Lower	Upper
122	100		
107	125.7	92.3	138.5
121	58.3	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

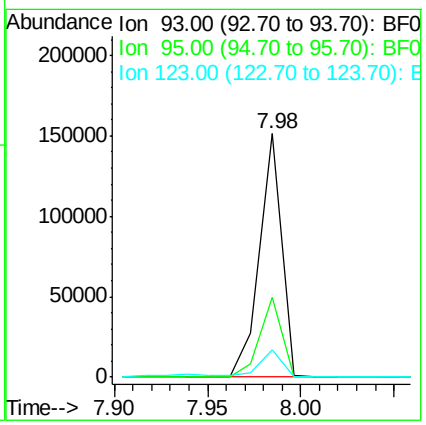
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

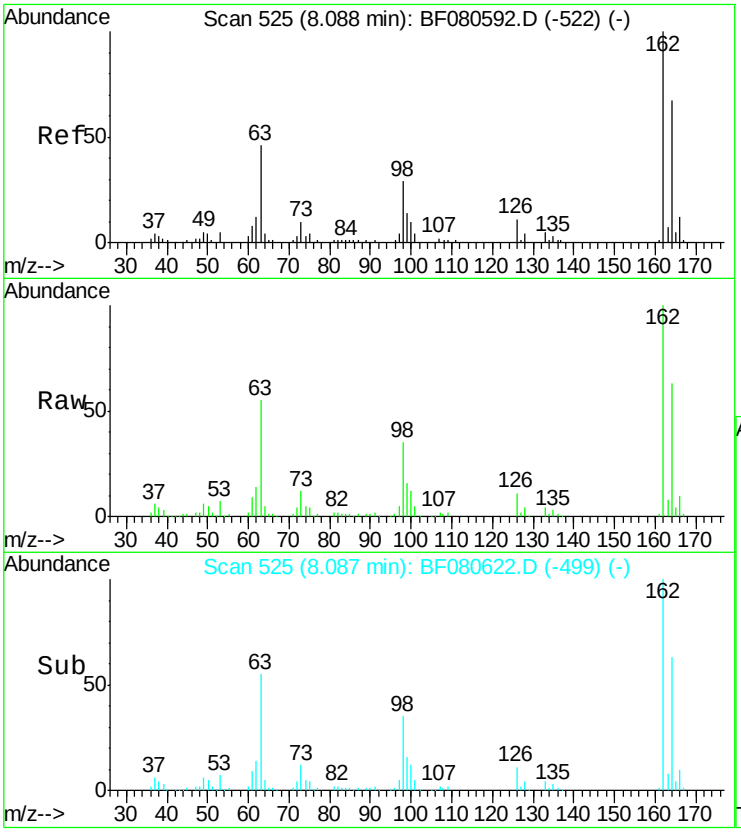


#28
bis(2-Chloroethoxy)methane
Concen: 45.49 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 93 Resp: 123512

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	11.4	10.3	15.5

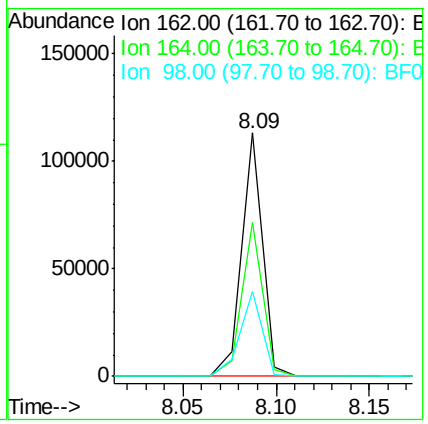




#29
2,4-Dichlorophenol
Concen: 48.52 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

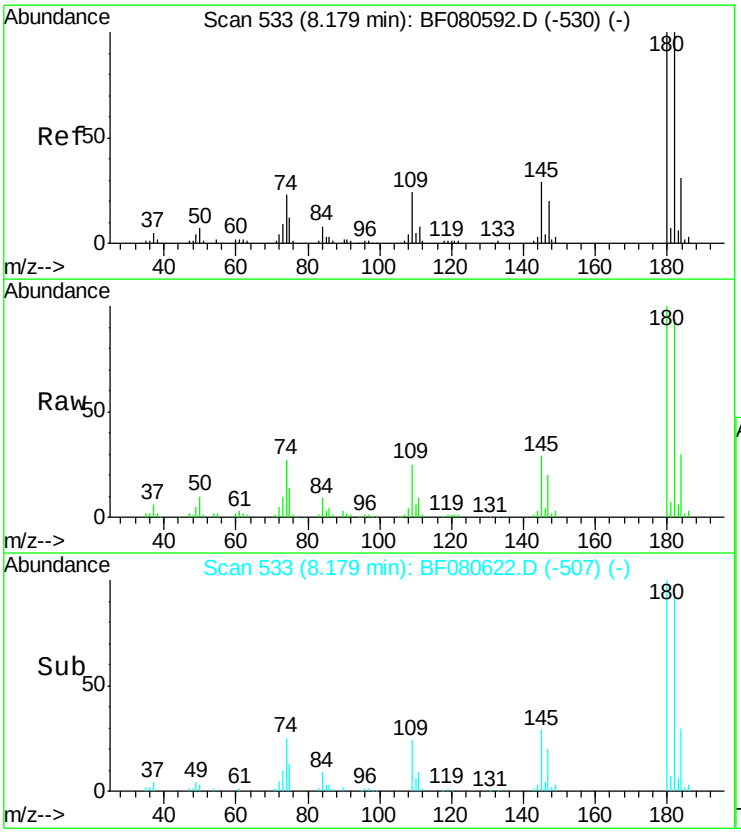
Tgt Ion:162 Resp: 88821

Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.1	84.1
98	34.7	8.9	48.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

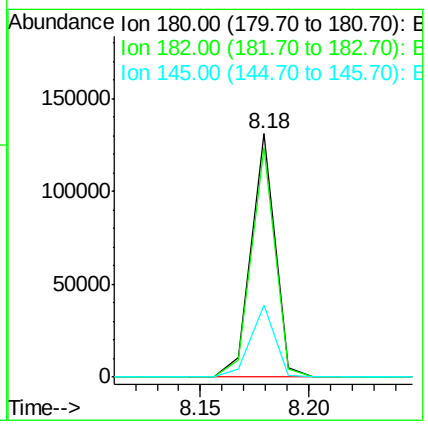
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

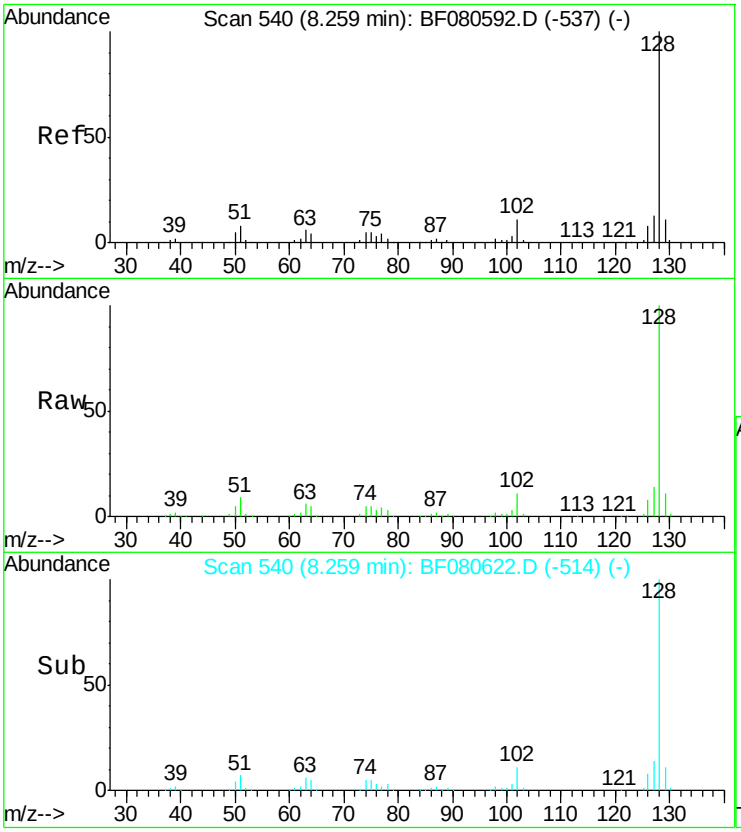


#30
1,2,4-Trichlorobenzene
Concen: 42.40 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:180 Resp: 100912

Ion	Ratio	Lower	Upper
180	100		
182	94.4	79.0	118.4
145	29.4	22.0	33.0

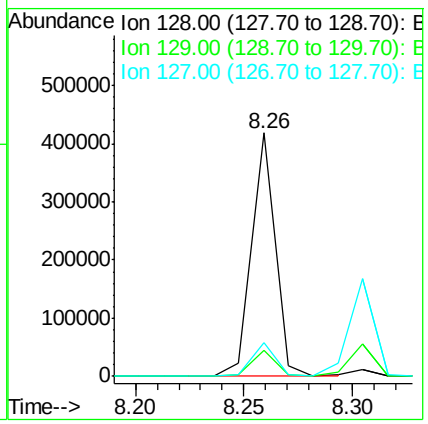




#31
Naphthalene
Concen: 42.17 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

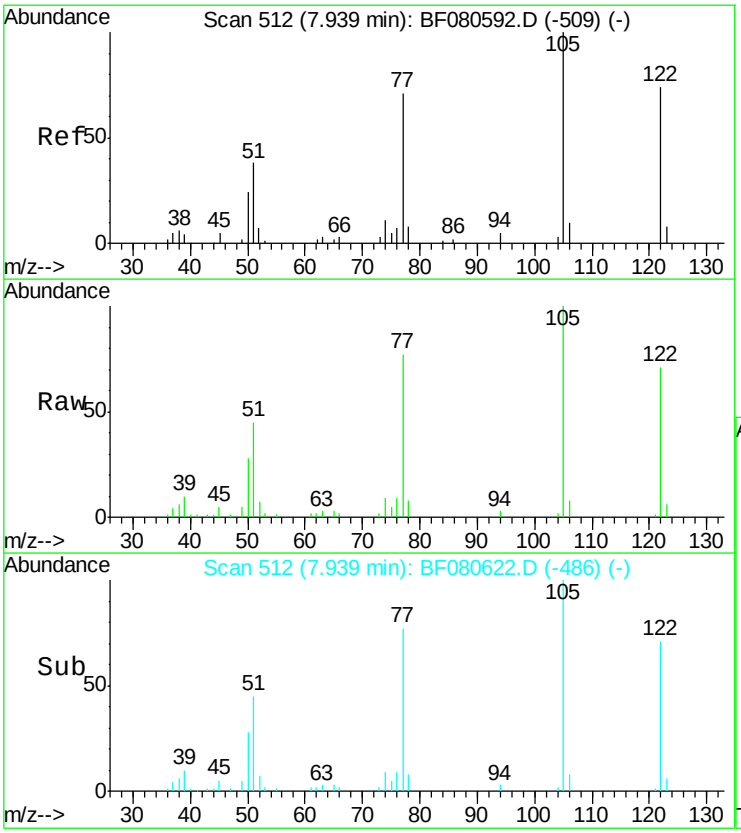
Tgt Ion:128 Resp: 317109

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.9	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

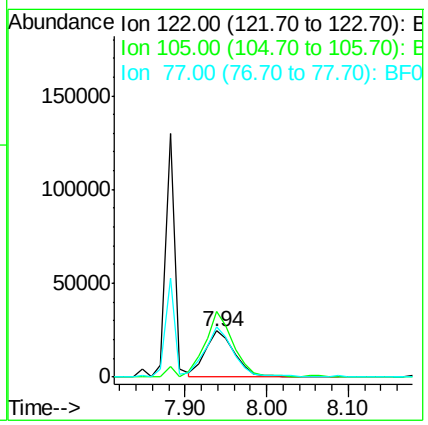
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

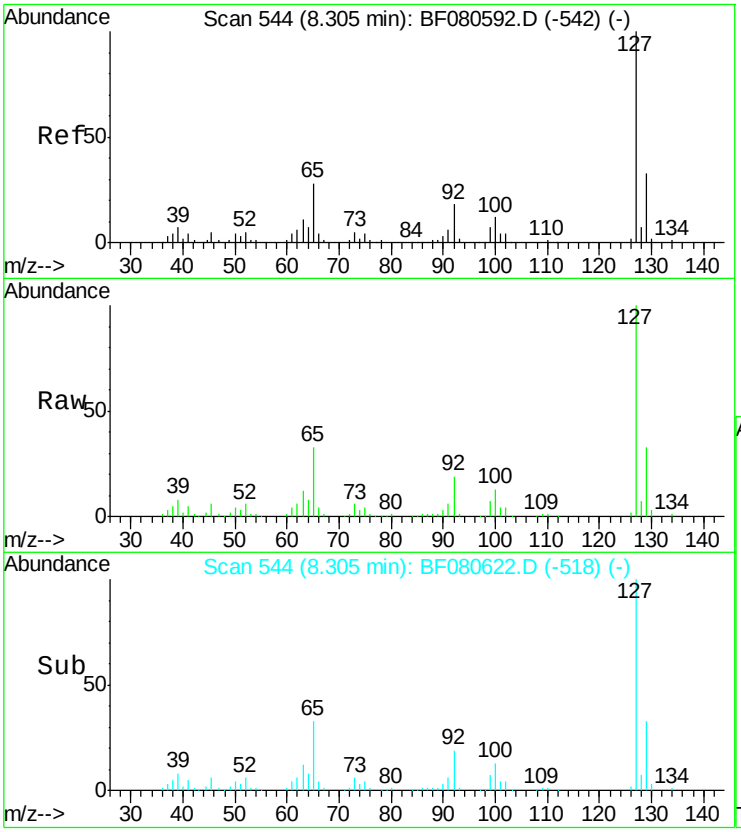


#32
Benzoic acid
Concen: 58.78 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:122 Resp: 63475

Ion	Ratio	Lower	Upper
122	100		
105	140.9	112.5	152.5
77	109.0	102.5	142.5

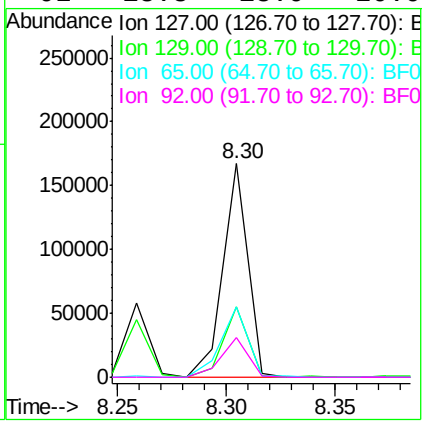




#33
4-Chloroaniline
Concen: 44.88 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

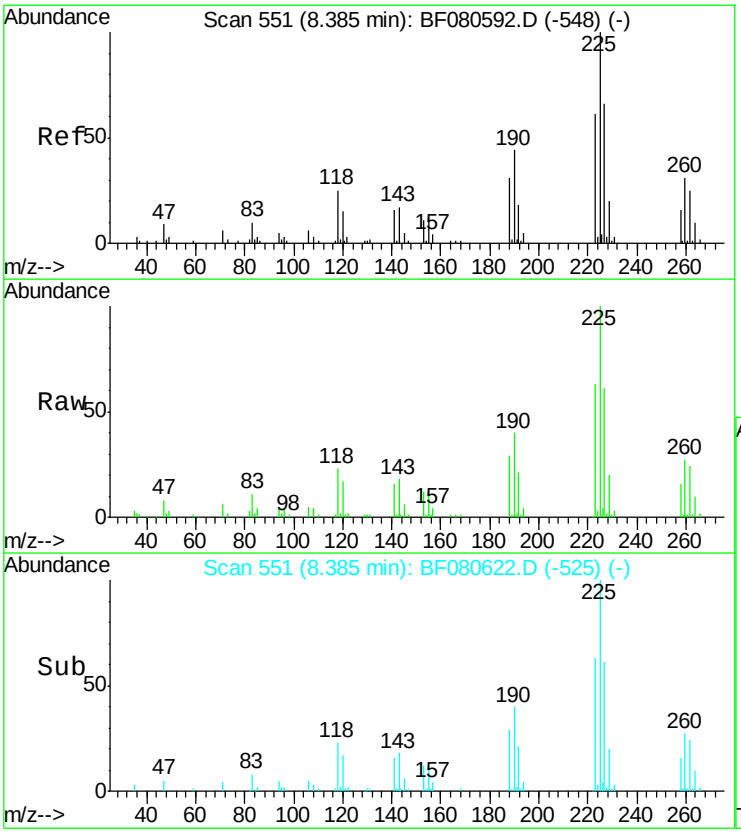
Tgt Ion:127 Resp: 132379

Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.8	41.6
65	32.8	21.2	31.8#
92	18.8	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

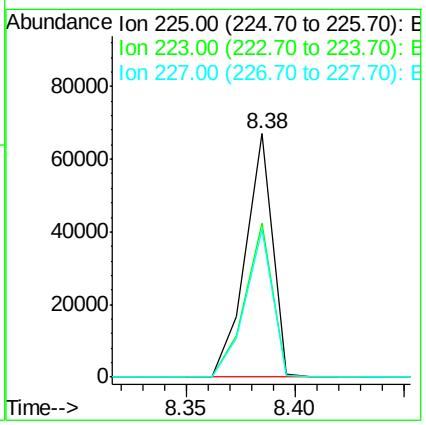
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

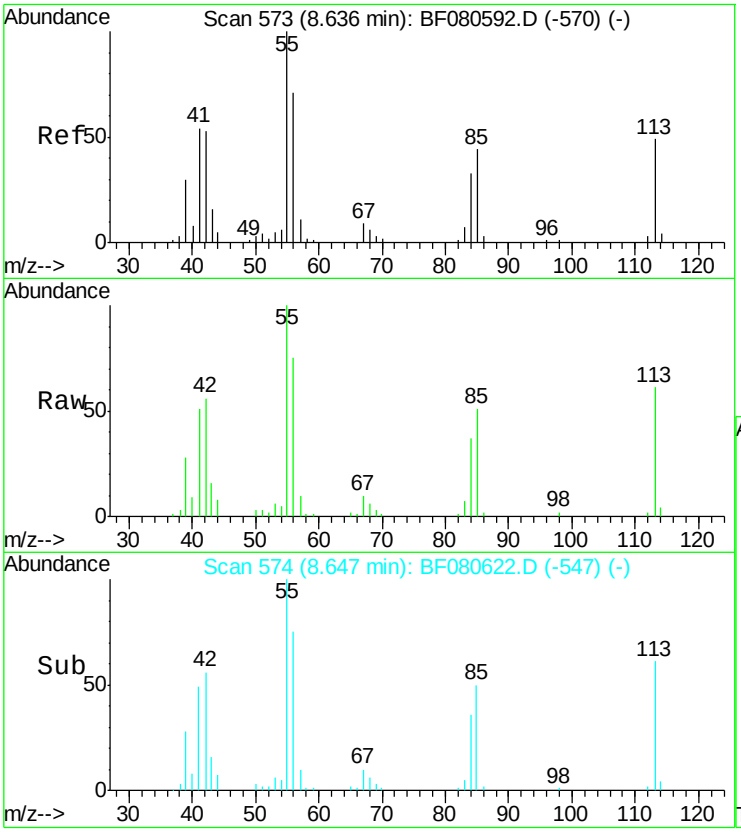


#34
Hexachlorobutadiene
Concen: 41.72 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:225 Resp: 57887

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	60.5	54.5	81.7

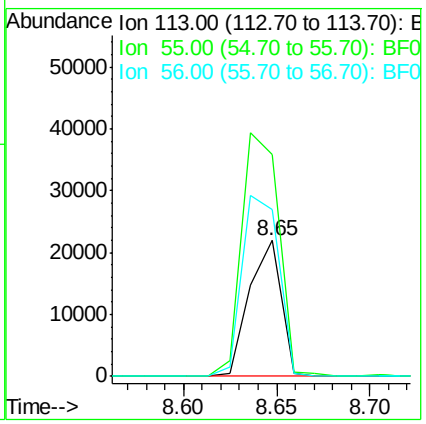




#35
Caprolactam
Concen: 52.48 ng
RT: 8.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

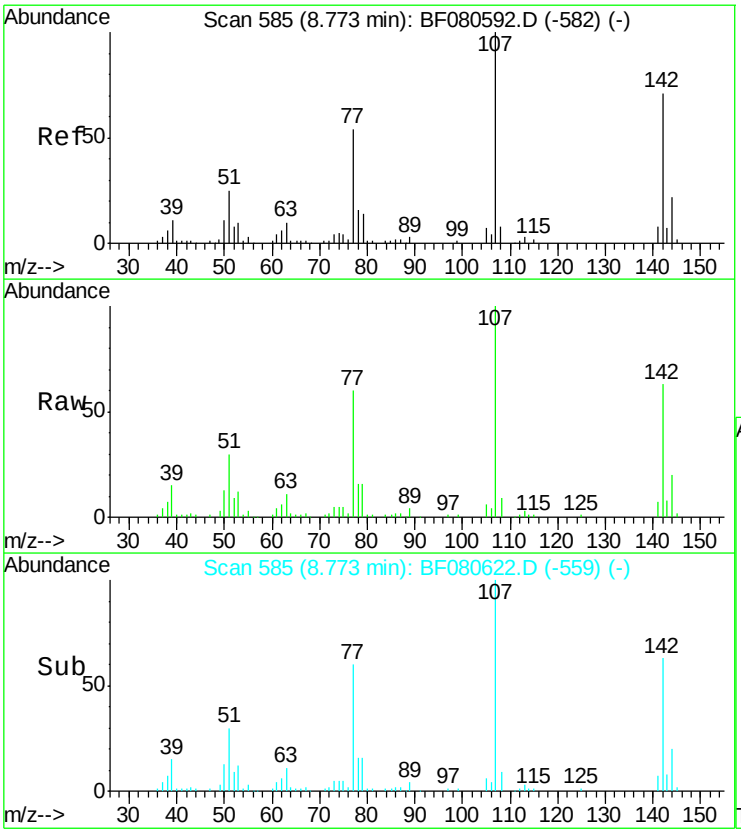
Tgt Ion:113 Resp: 25873

Ion	Ratio	Lower	Upper
113	100		
55	162.8	259.3	299.3#
56	122.3	171.6	211.6#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

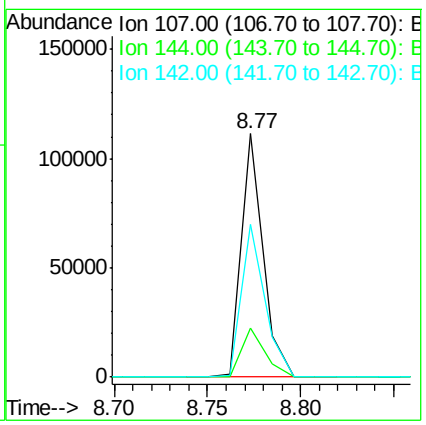
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

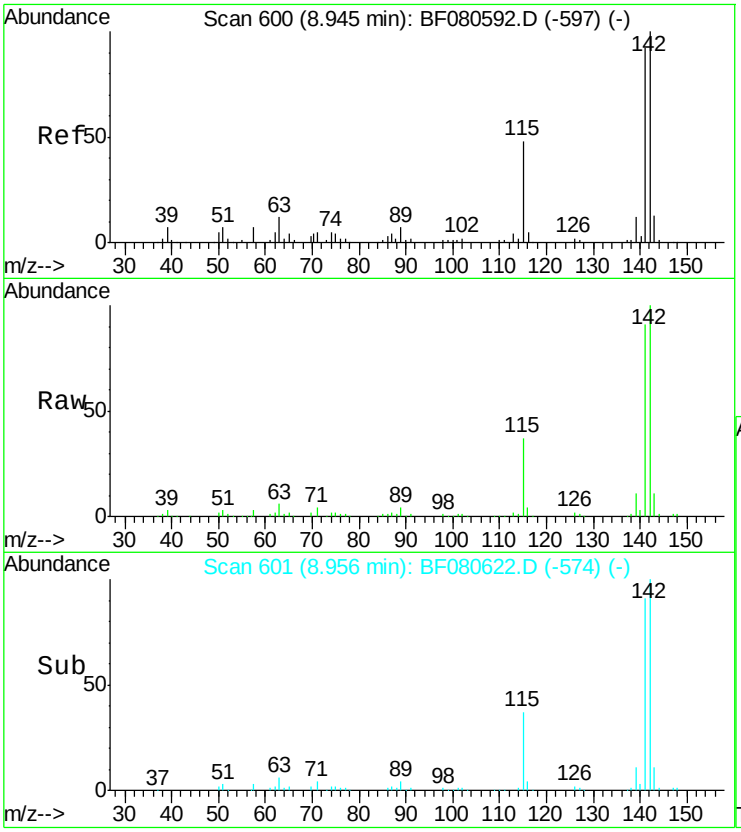


#36
4-Chloro-3-methylphenol
Concen: 41.70 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:107 Resp: 90821

Ion	Ratio	Lower	Upper
107	100		
144	20.1	17.7	26.5
142	63.0	57.7	86.5

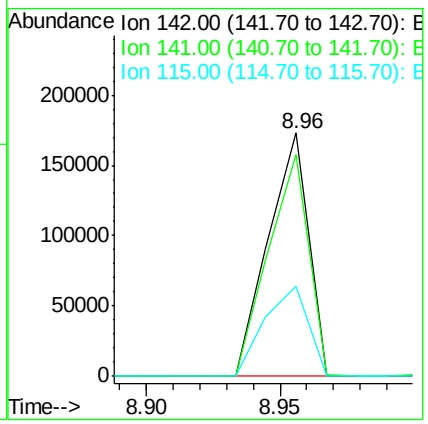




#37
2-Methylnaphthalene
Concen: 43.05 ng m
RT: 8.96 min Scan# 601
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

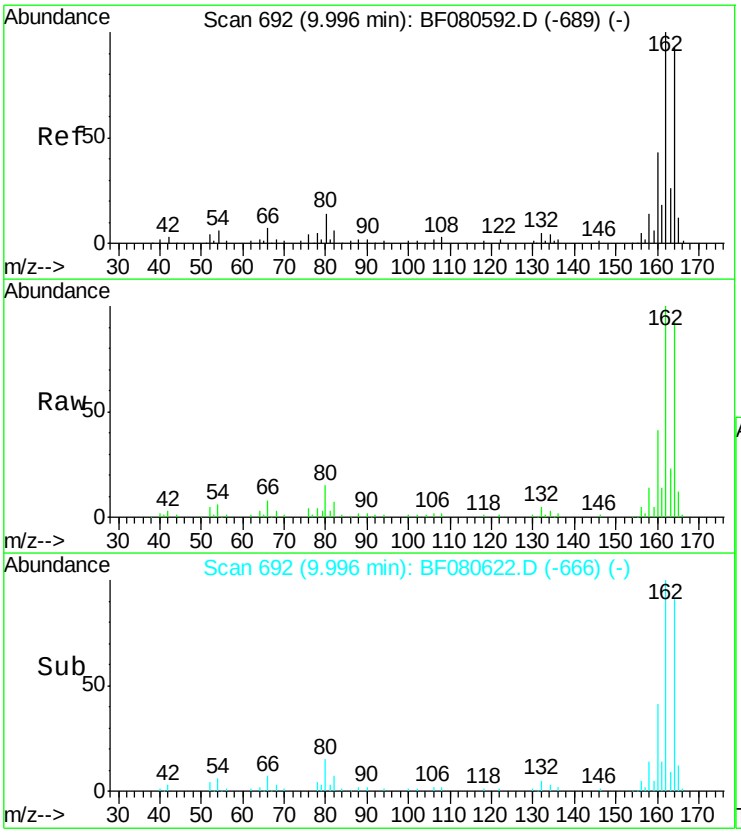
Tgt Ion:142 Resp: 181272

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	109.0
115	36.7	38.2	57.2#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

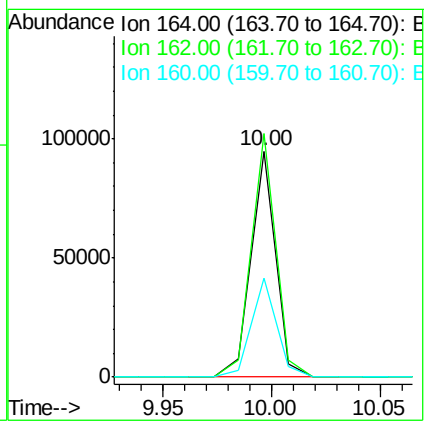
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

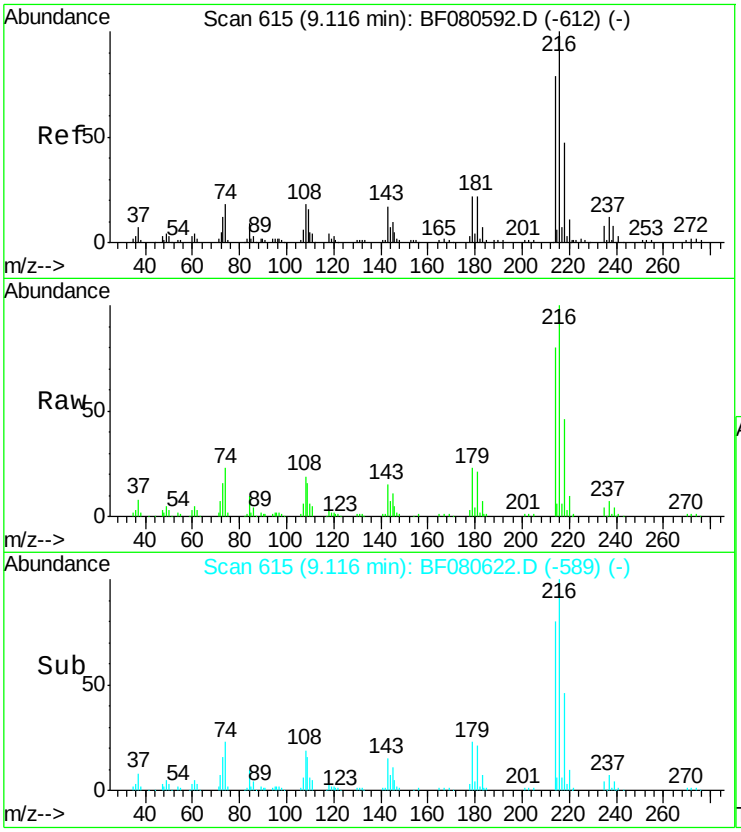


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:164 Resp: 74150

Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.2	123.4
160	43.6	36.1	54.1

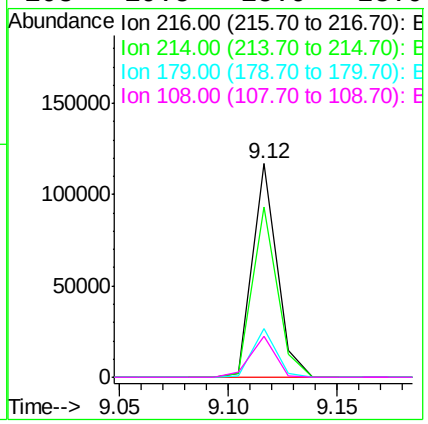




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.63 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

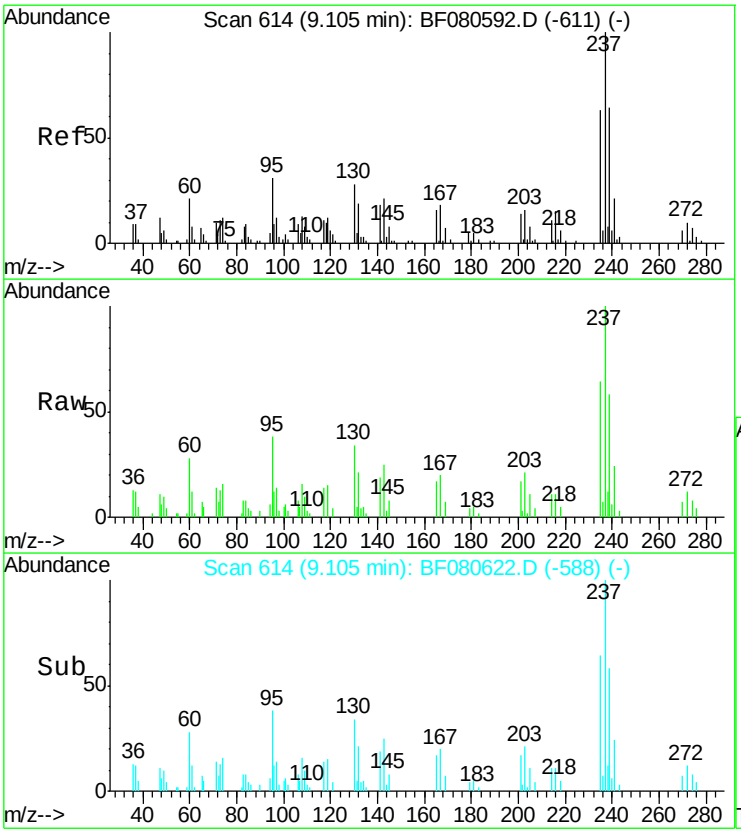
Tgt Ion:216 Resp: 91847

Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.6	93.8
179	22.3	18.0	27.0
108	19.5	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

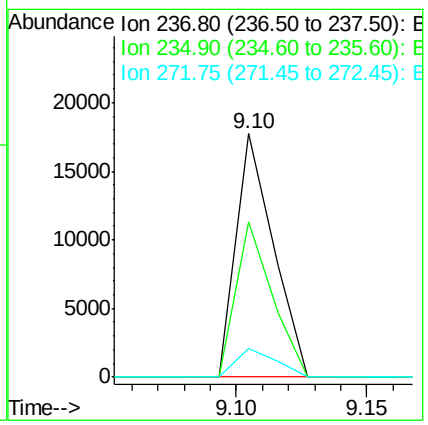
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

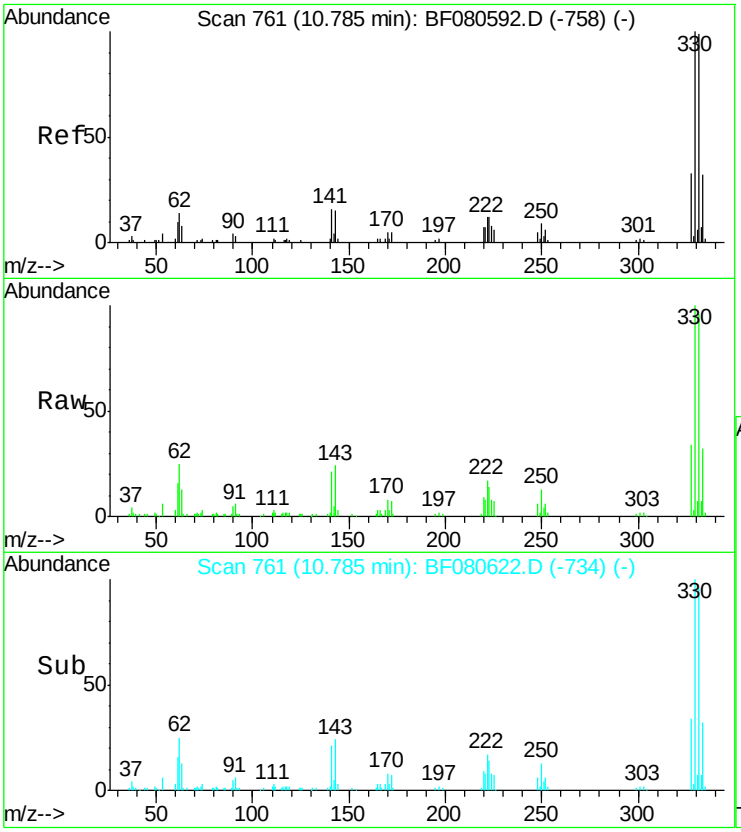


#40
Hexachlorocyclopentadiene
Concen: 13.44 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:237 Resp: 17742

Ion	Ratio	Lower	Upper
237	100		
235	64.0	47.3	87.3
272	11.6	0.0	31.5

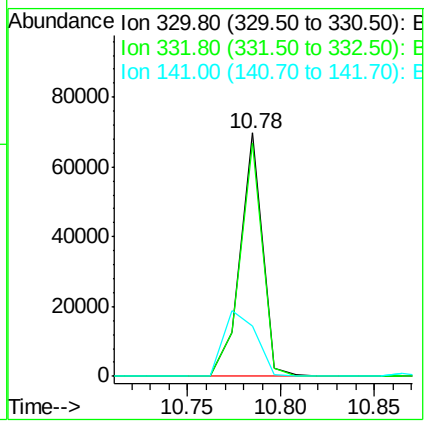




#41
2,4,6-Tribromophenol
Concen: 99.62 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

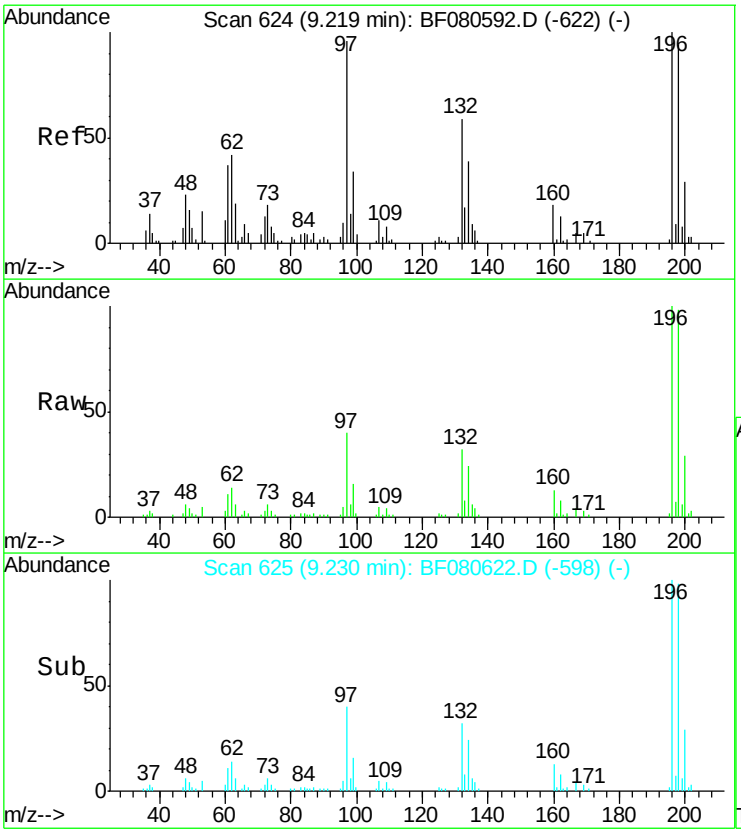
Tgt Ion:330 Resp: 58530

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.3	117.5
141	39.6	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

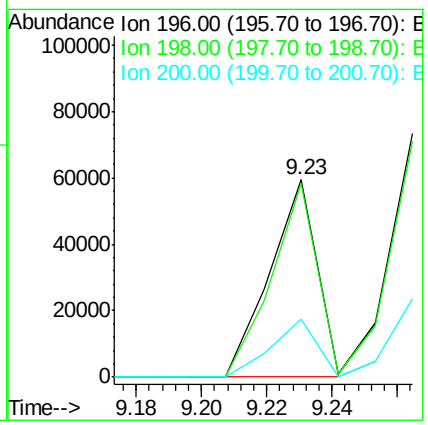
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

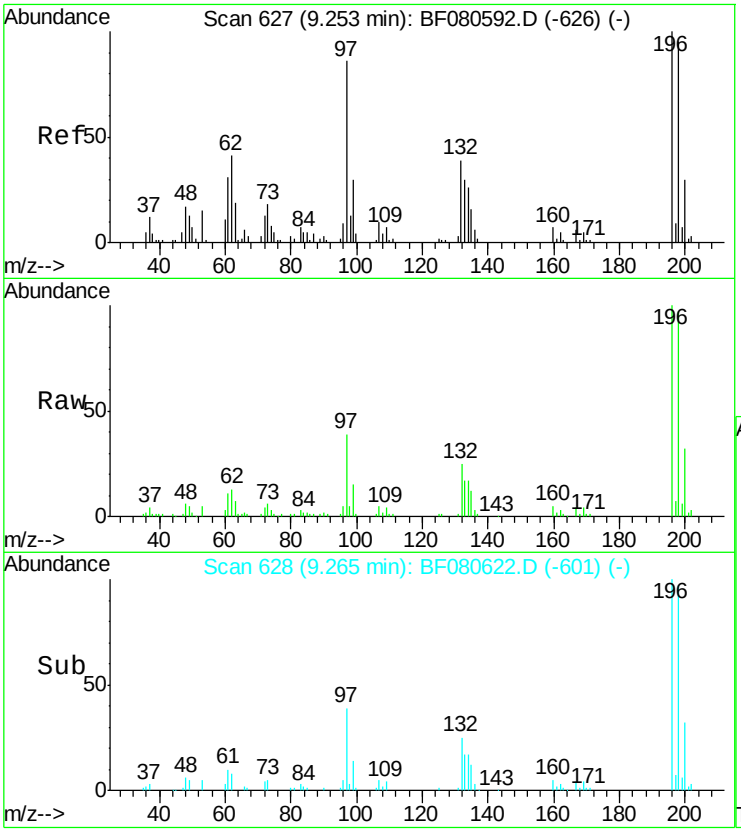


#42
2,4,6-Trichlorophenol
Concen: 42.31 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:196 Resp: 59504

Ion	Ratio	Lower	Upper
196	100		
198	98.1	73.9	110.9
200	29.4	23.4	35.0

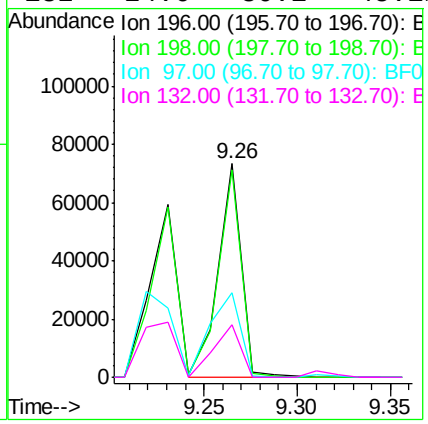




#43
2,4,5-Trichlorophenol
Concen: 44.57 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

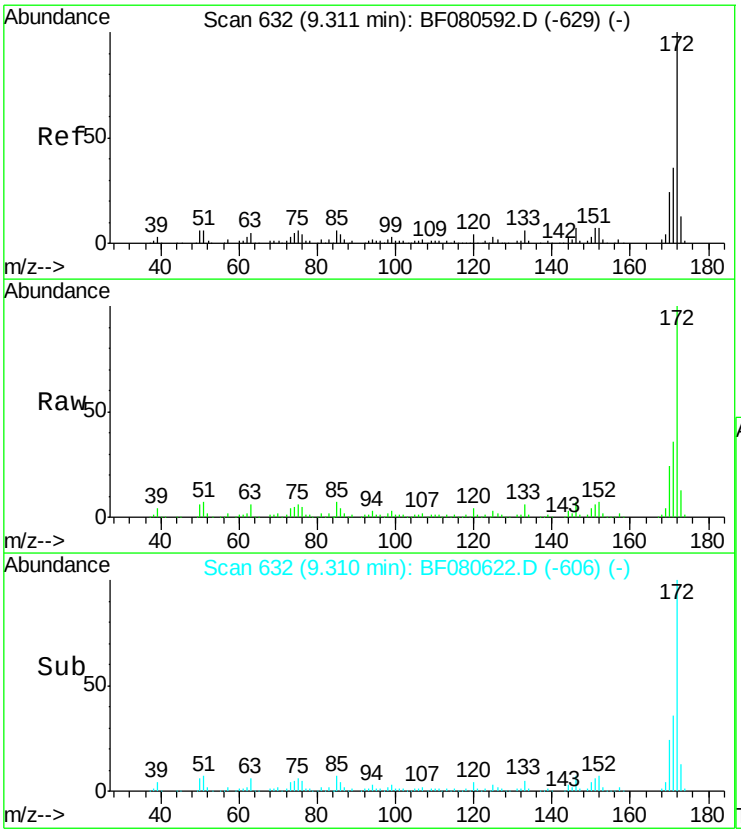
Tgt Ion:196 Resp: 63281

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.9	115.3
97	39.3	63.0	94.4#
132	24.6	30.1	45.1#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

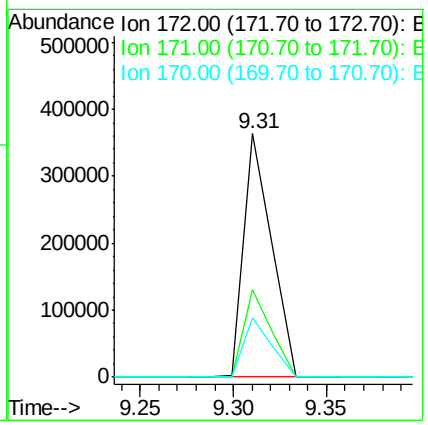
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

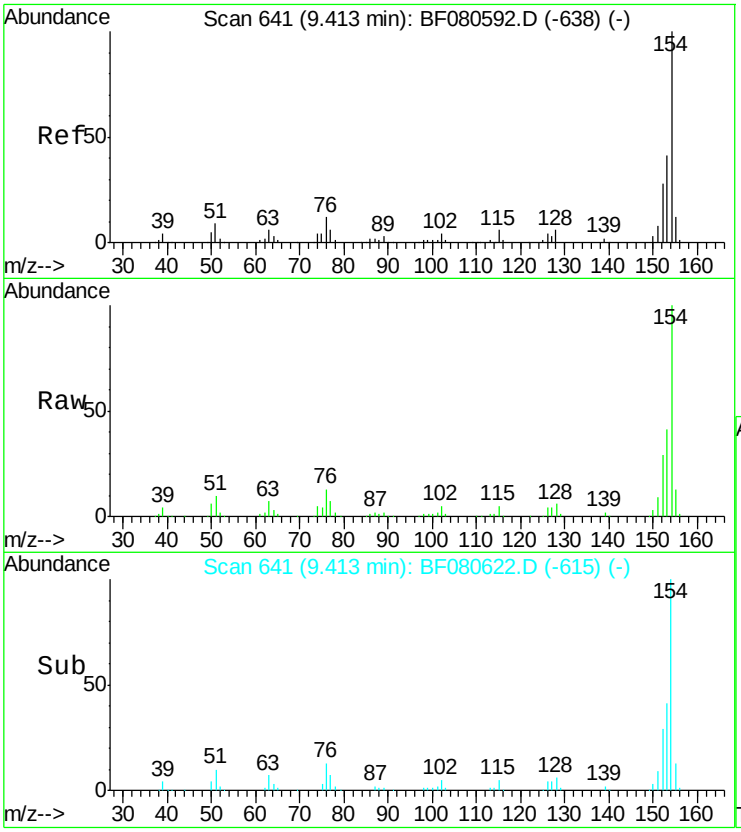


#44
2-Fluorobiphenyl
Concen: 73.37 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:172 Resp: 374944

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.7	41.5
170	24.3	19.1	28.7

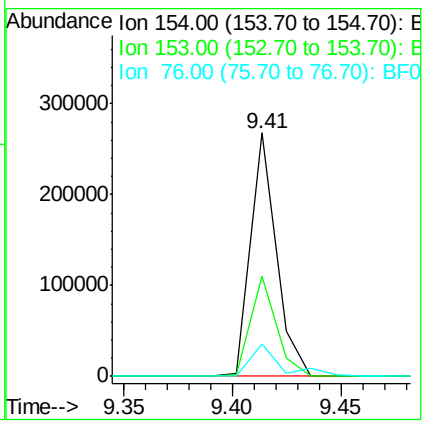




#45
1,1'-Biphenyl
Concen: 36.45 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

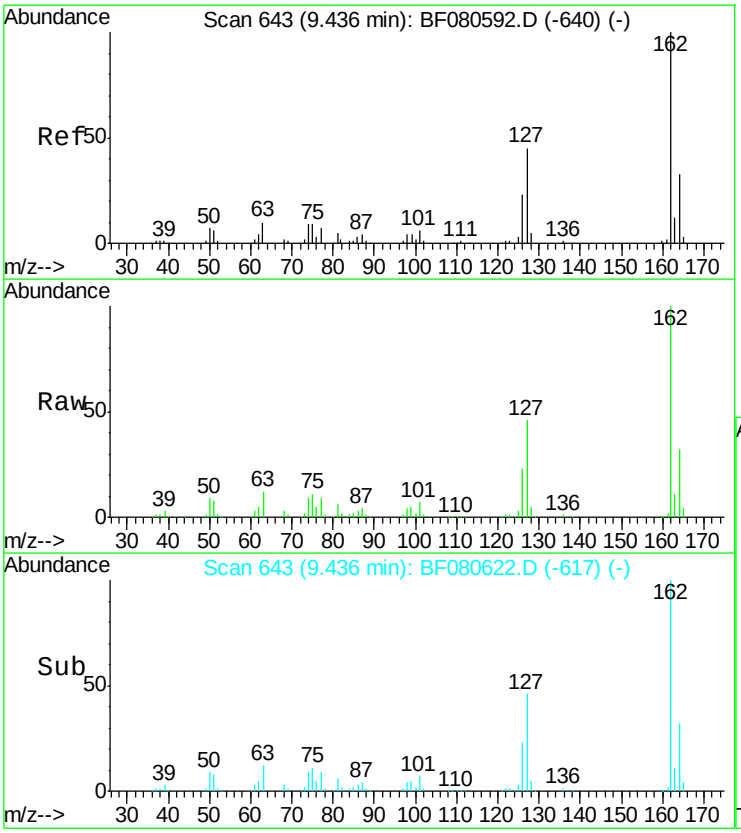
Tgt Ion:154 Resp: 220019

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.8	61.8
76	13.3	0.0	32.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

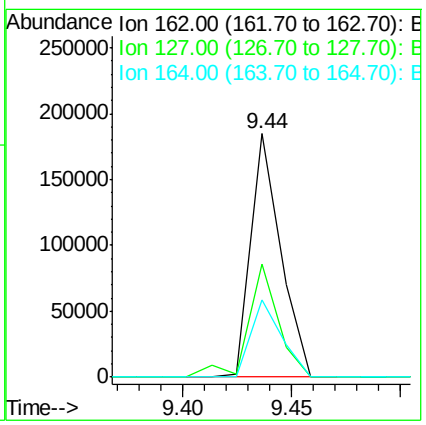
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

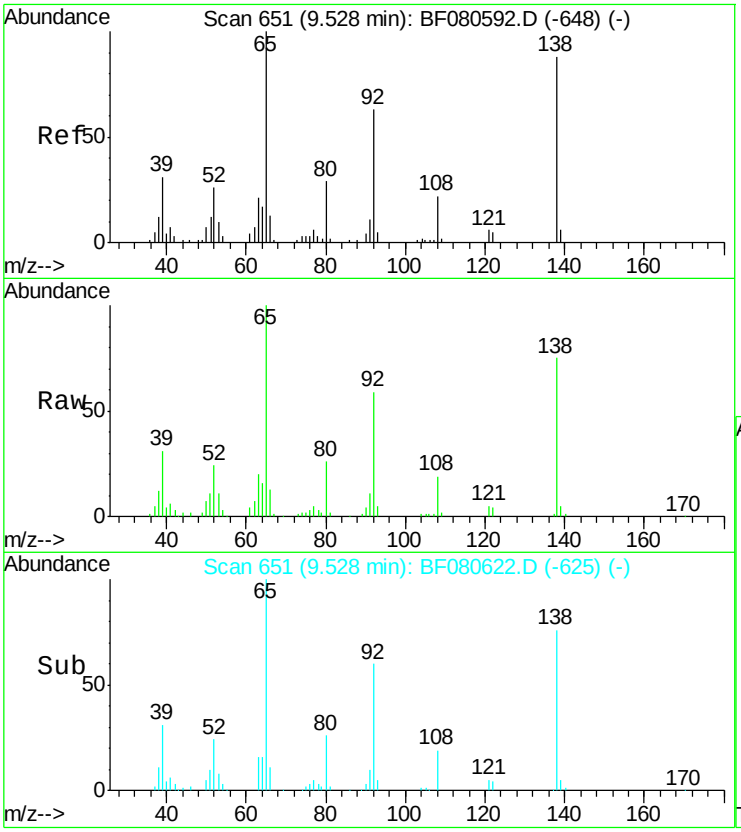


#46
2-Chloronaphthalene
Concen: 36.07 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:162 Resp: 176138

Ion	Ratio	Lower	Upper
162	100		
127	46.5	37.6	56.4
164	31.9	27.4	41.0

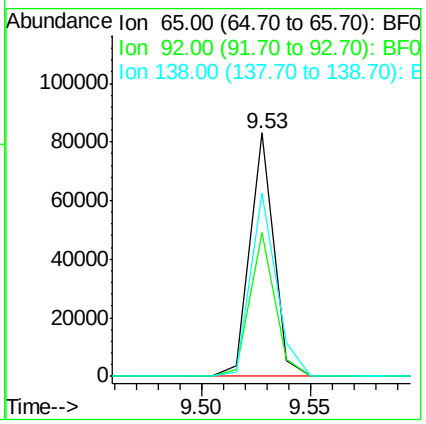




#47
2-Nitroaniline
Concen: 42.41 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

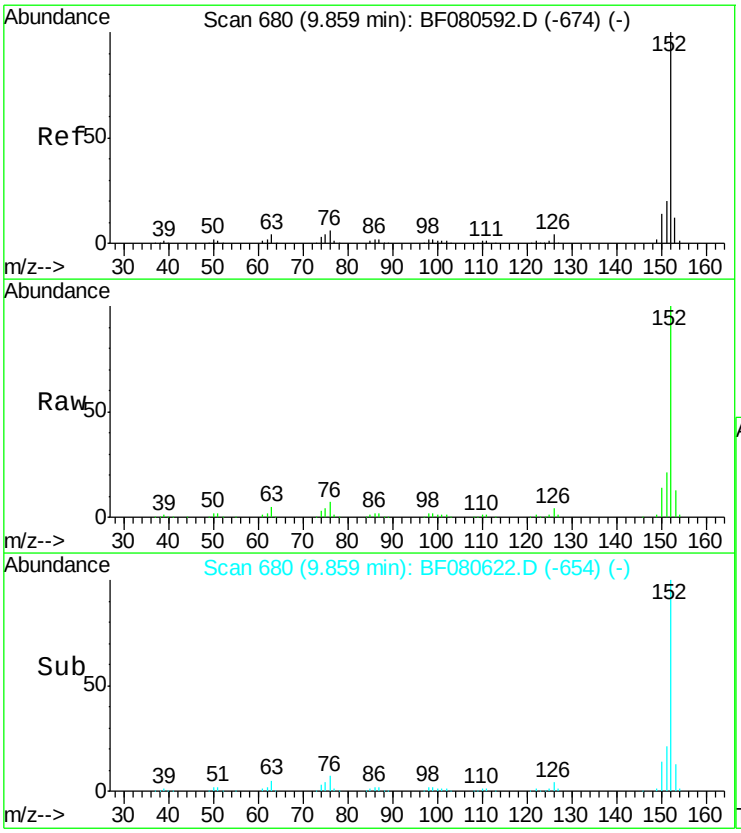
Tgt Ion: 65 Resp: 63163

Ion	Ratio	Lower	Upper
65	100		
92	59.3	48.7	73.1
138	75.3	66.8	100.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

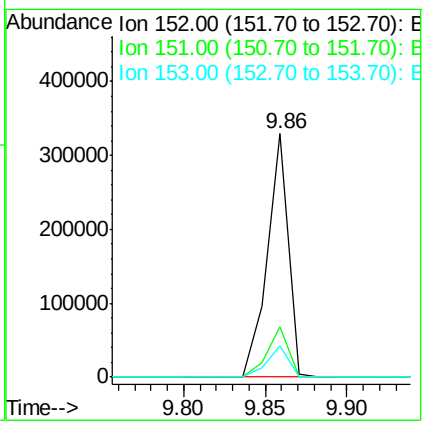
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

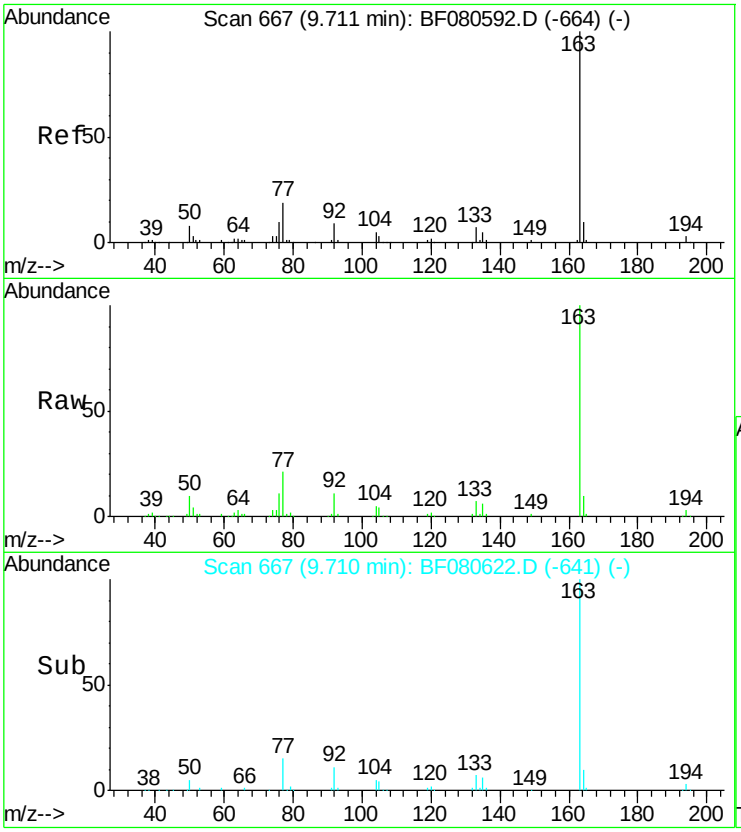


#48
Acenaphthylene
Concen: 40.88 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:152 Resp: 295697

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.0	9.7	14.5

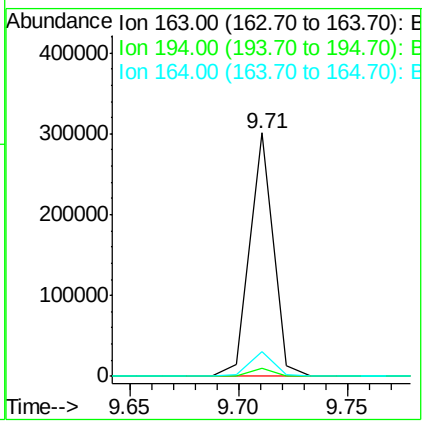




#49
Dimethylphthalate
Concen: 41.42 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

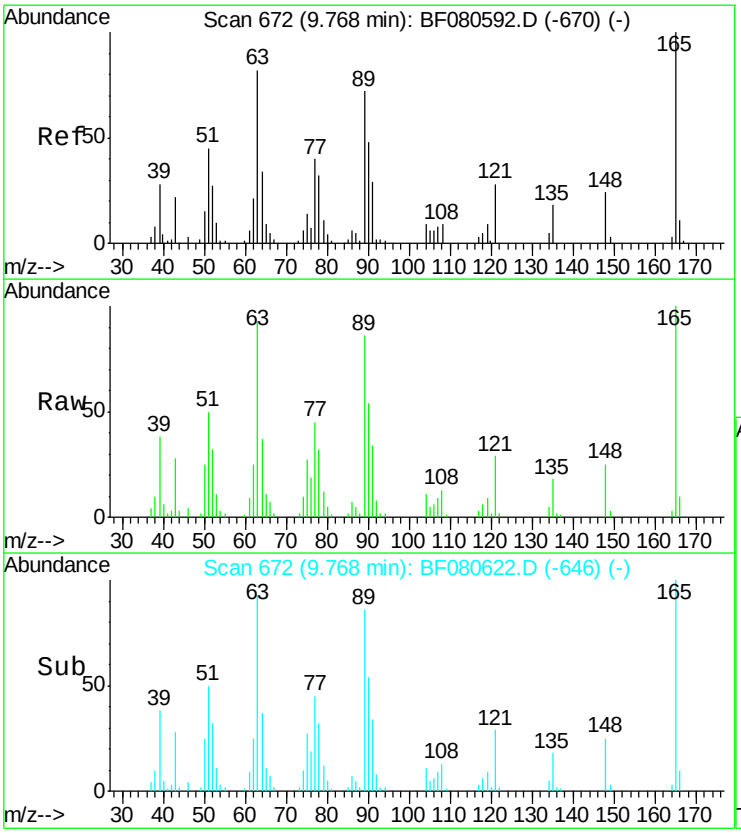
Tgt Ion:163 Resp: 225945

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.5	3.7
164	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

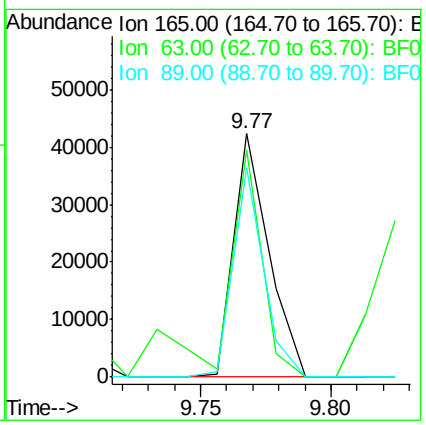
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

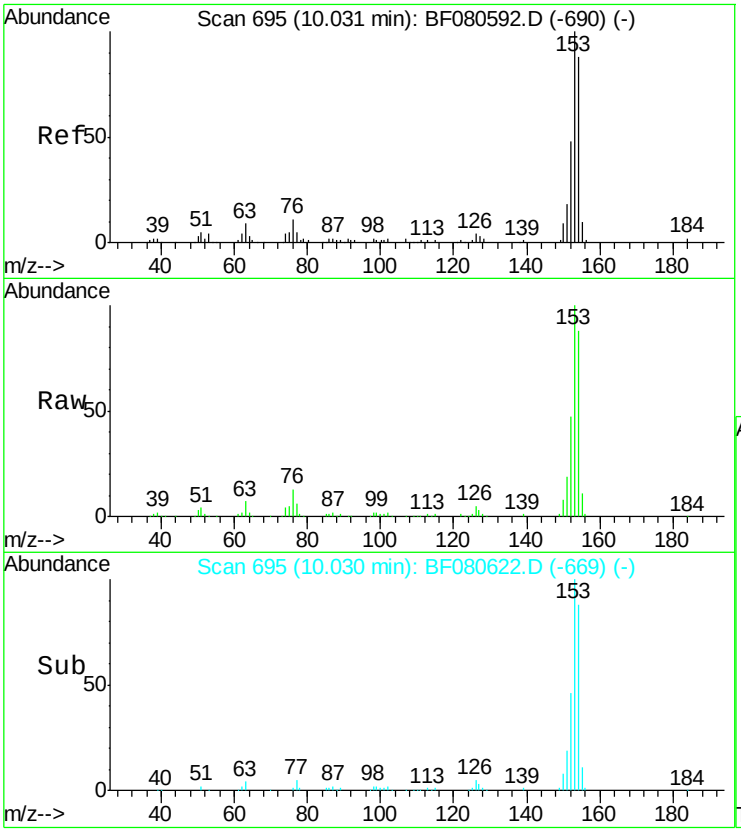


#50
2,6-Dinitrotoluene
Concen: 39.17 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:165 Resp: 39968

Ion	Ratio	Lower	Upper
165	100		
63	93.2	59.0	88.6#
89	85.7	56.9	85.3#

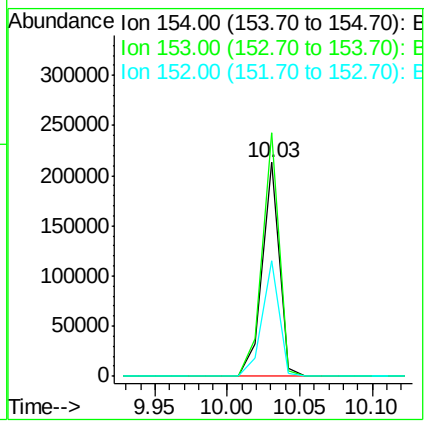




#51
Acenaphthene
Concen: 40.19 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

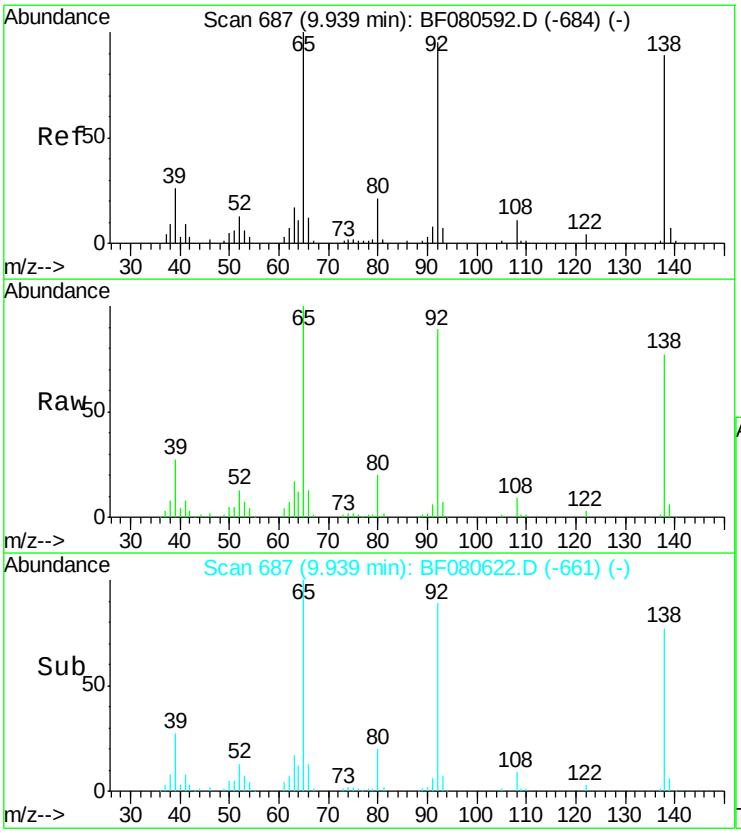
Tgt Ion:154 Resp: 174647

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.2	138.2
152	53.8	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

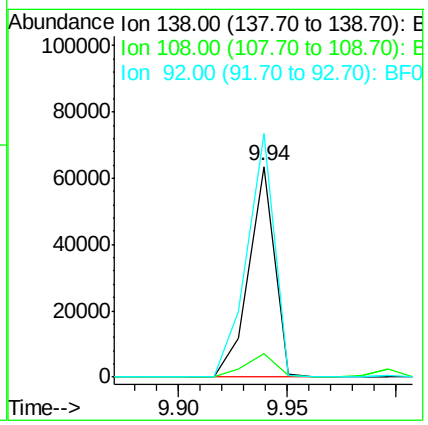
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

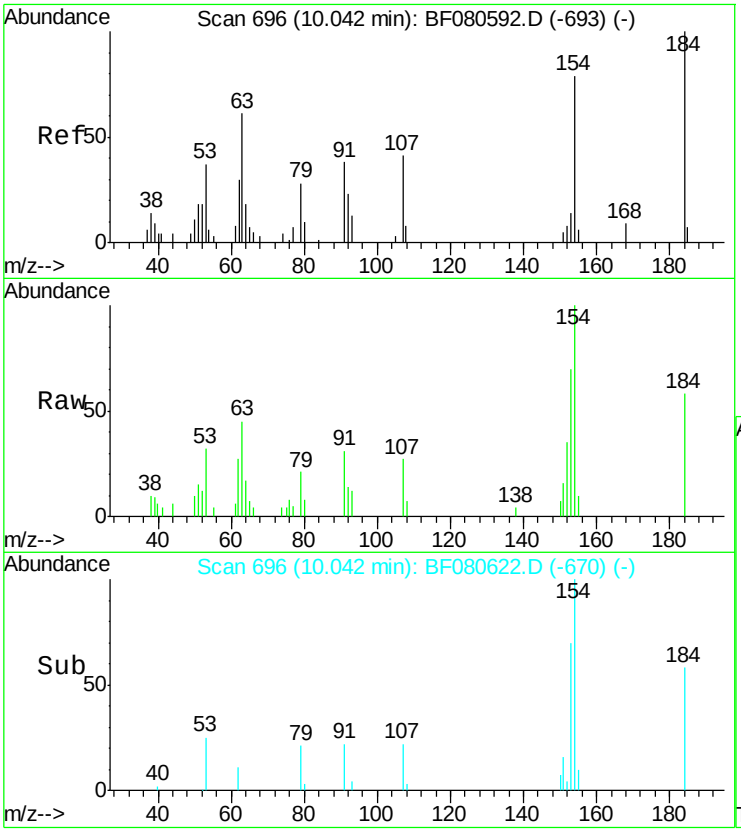


#52
3-Nitroaniline
Concen: 47.31 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:138 Resp: 52506

Ion	Ratio	Lower	Upper
138	100		
108	11.1	13.7	20.5#
92	115.5	81.0	121.4

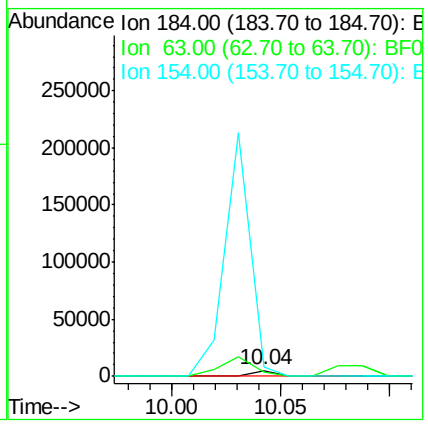




#53
2,4-Dinitrophenol
Concen: 18.71 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

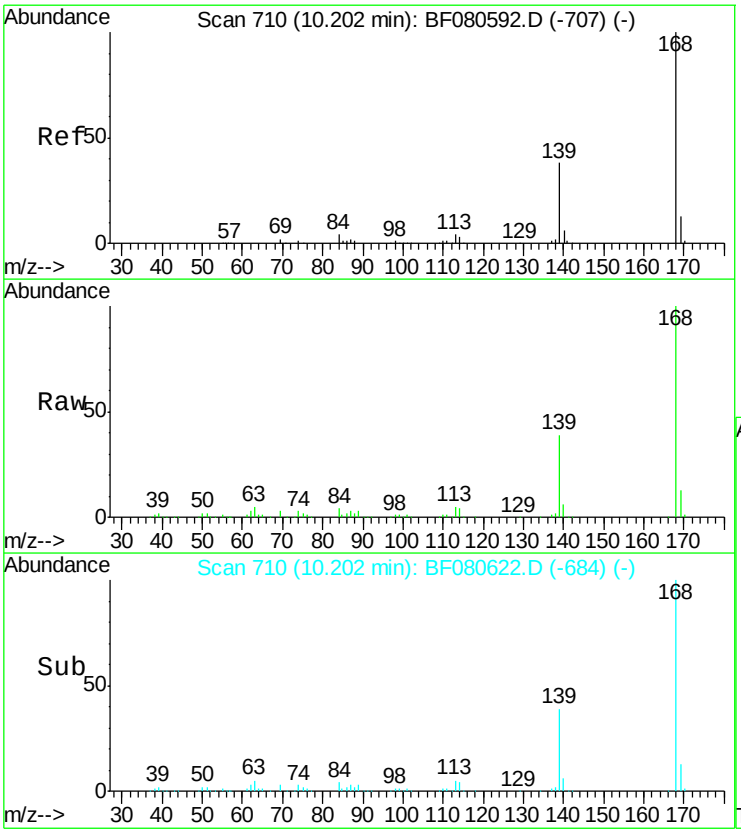
Tgt Ion:184 Resp: 3934

Ion	Ratio	Lower	Upper
184	100		
63	77.9	54.9	82.3
154	173.1	94.2	141.4#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

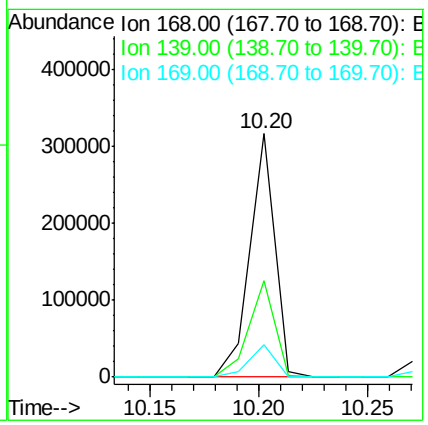
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

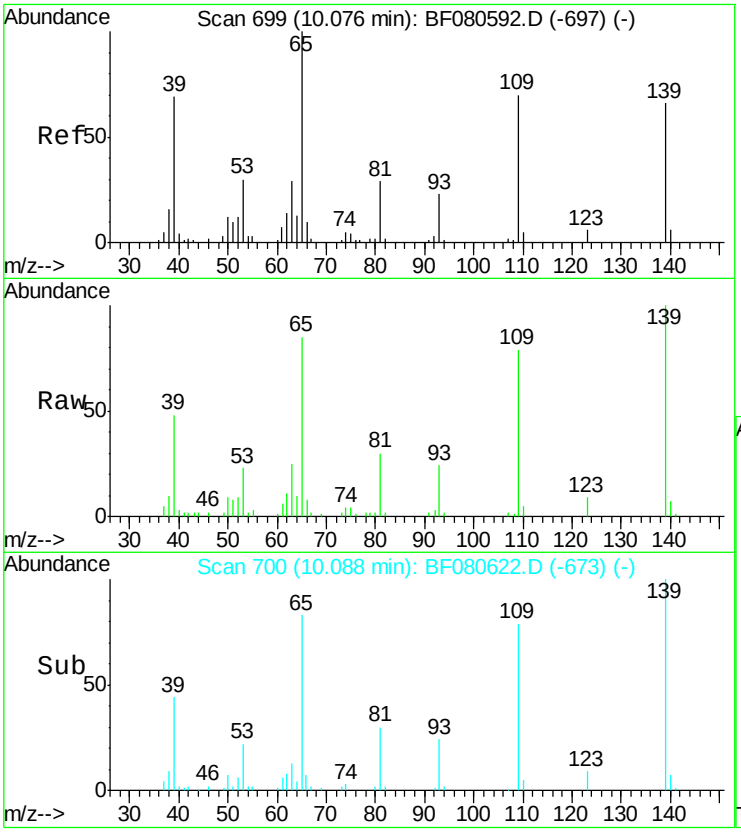


#54
Dibenzofuran
Concen: 40.29 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:168 Resp: 253049

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.7	46.1
169	13.2	9.8	14.8





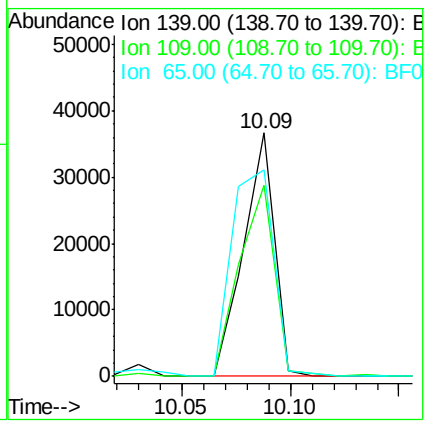
#55
4-Nitrophenol
Concen: 44.96 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

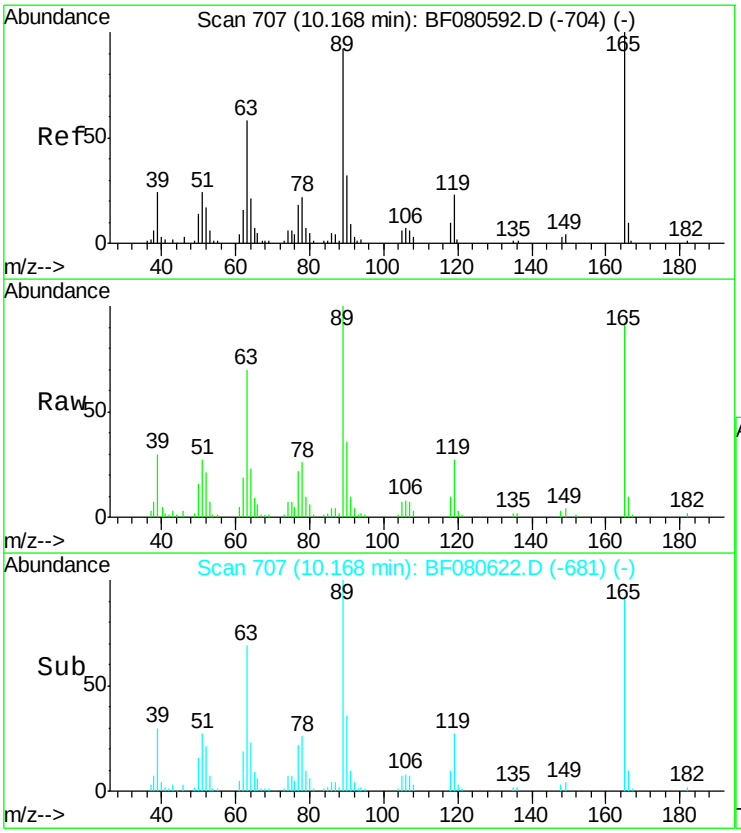
Tgt Ion:139 Resp: 36043

Ion	Ratio	Lower	Upper
139	100		
109	78.5	75.9	115.9
65	85.1	109.4	149.4#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

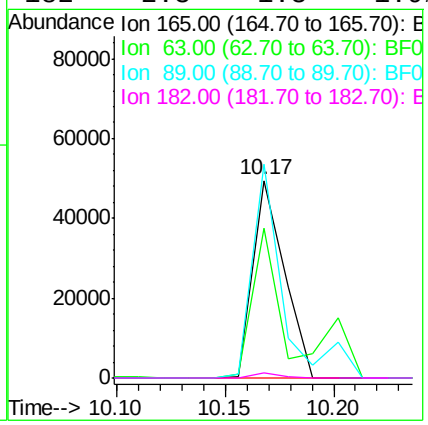


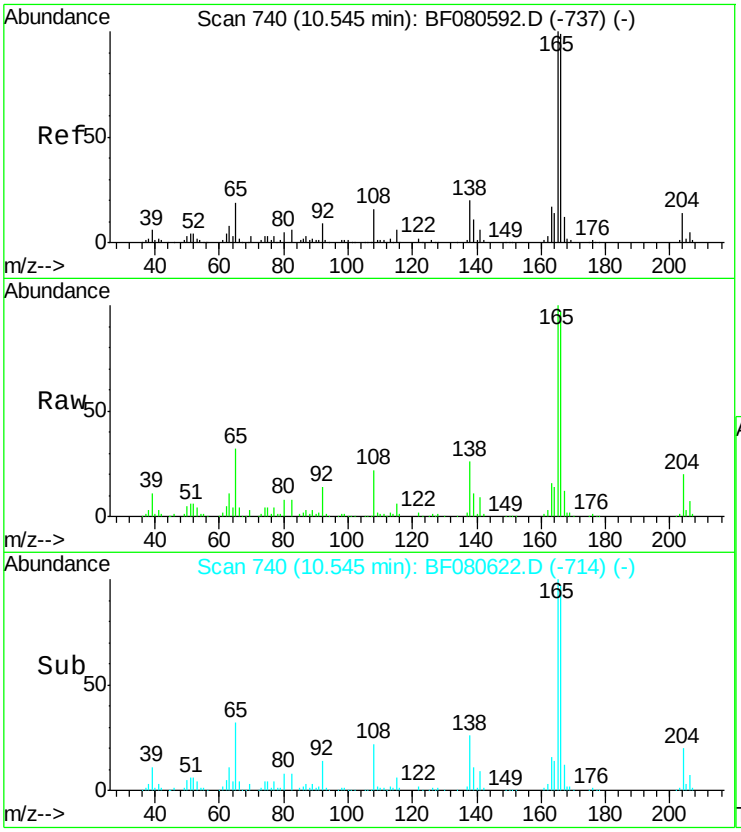


#56
2,4-Dinitrotoluene
Concen: 39.04 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:165 Resp: 49907

Ion	Ratio	Lower	Upper
165	100		
63	75.8	48.1	72.1#
89	108.2	77.4	116.0
182	2.3	1.3	1.9#

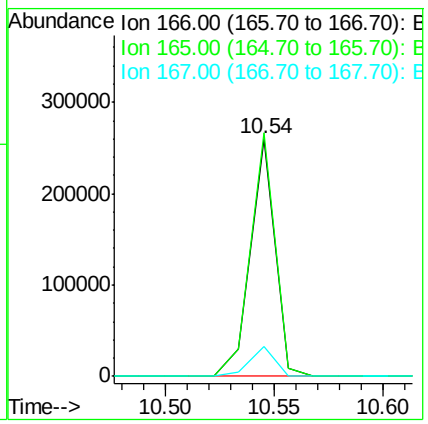




#57
Fluorene
Concen: 40.59 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

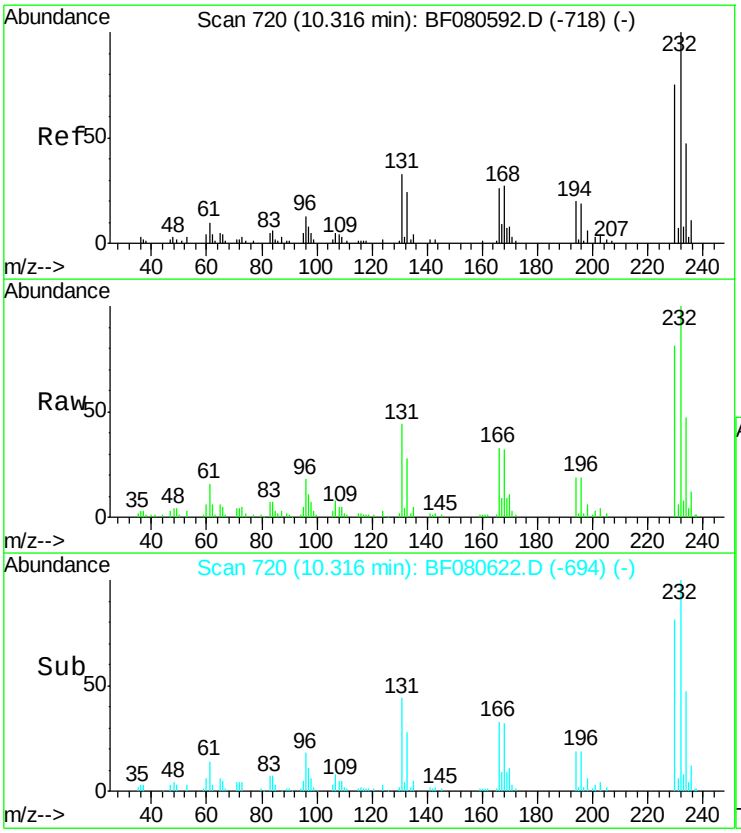
Tgt Ion:166 Resp: 204656

Ion	Ratio	Lower	Upper
166	100		
165	102.6	77.7	116.5
167	12.8	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

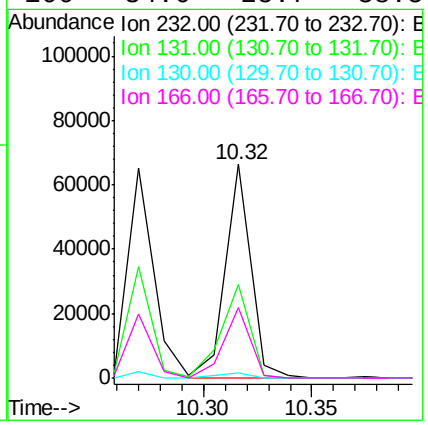
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

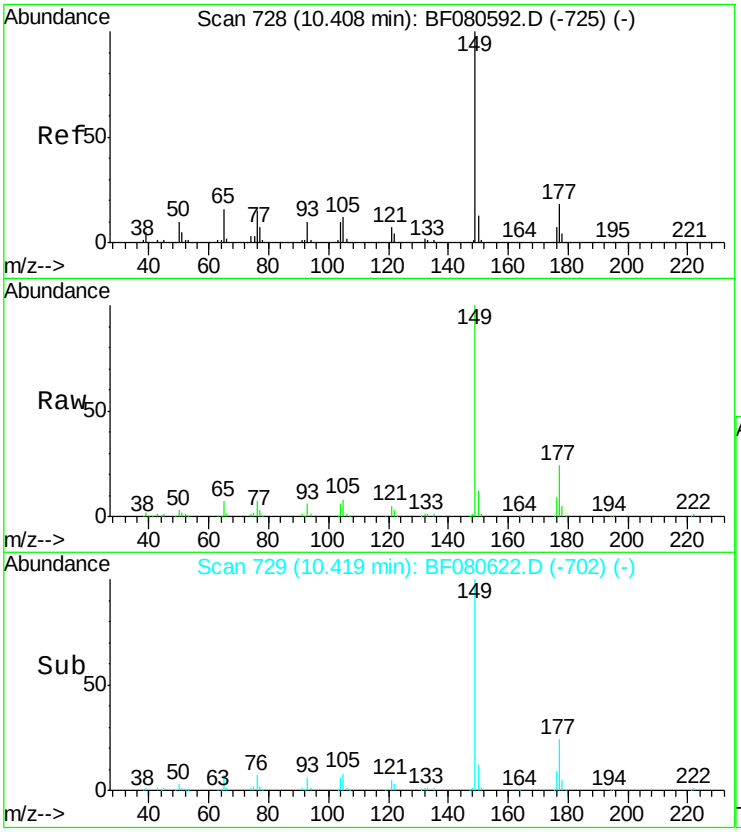


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.57 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:232 Resp: 53655

Ion	Ratio	Lower	Upper
232	100		
131	49.9	41.4	62.0
130	2.7	1.9	2.9
166	34.6	25.7	38.5





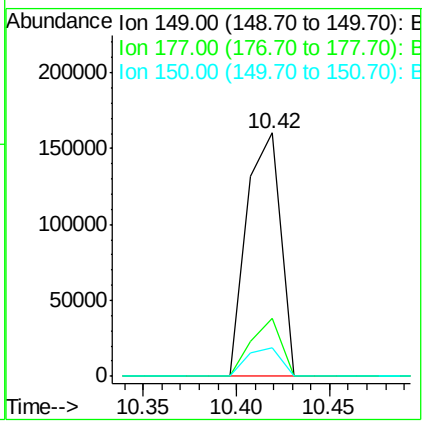
#59
Diethylphthalate
Concen: 39.45 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

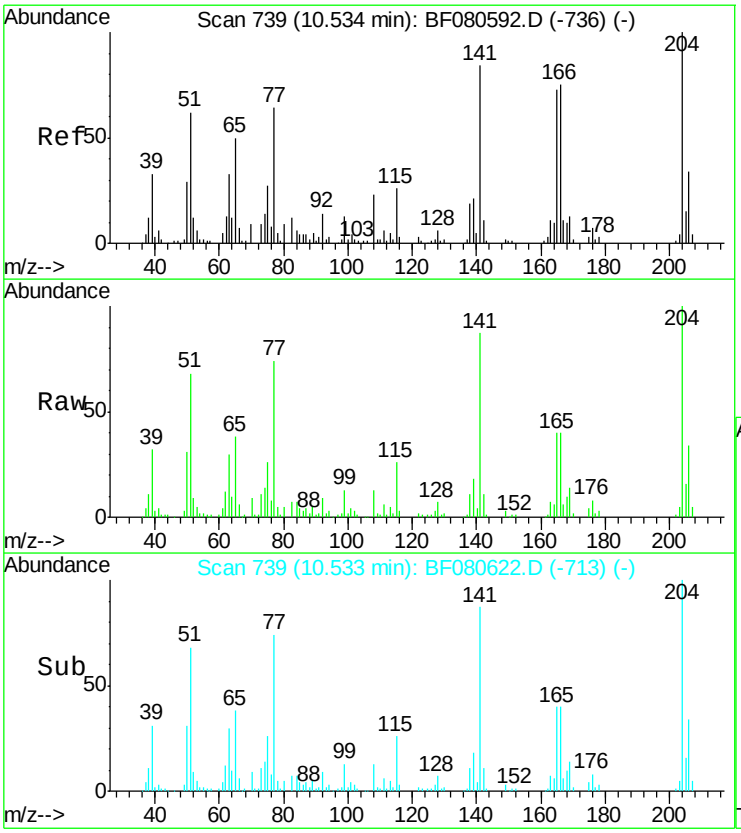
Tgt Ion:149 Resp: 200863

Ion	Ratio	Lower	Upper
149	100		
177	23.7	14.9	22.3#
150	11.9	10.0	15.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

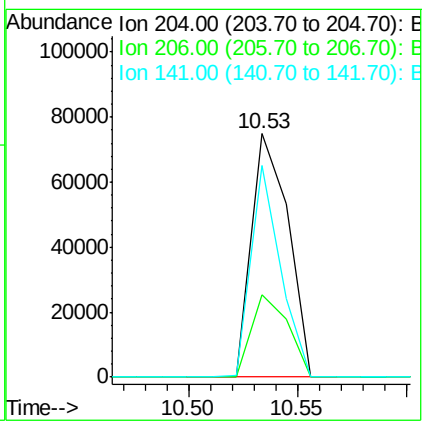


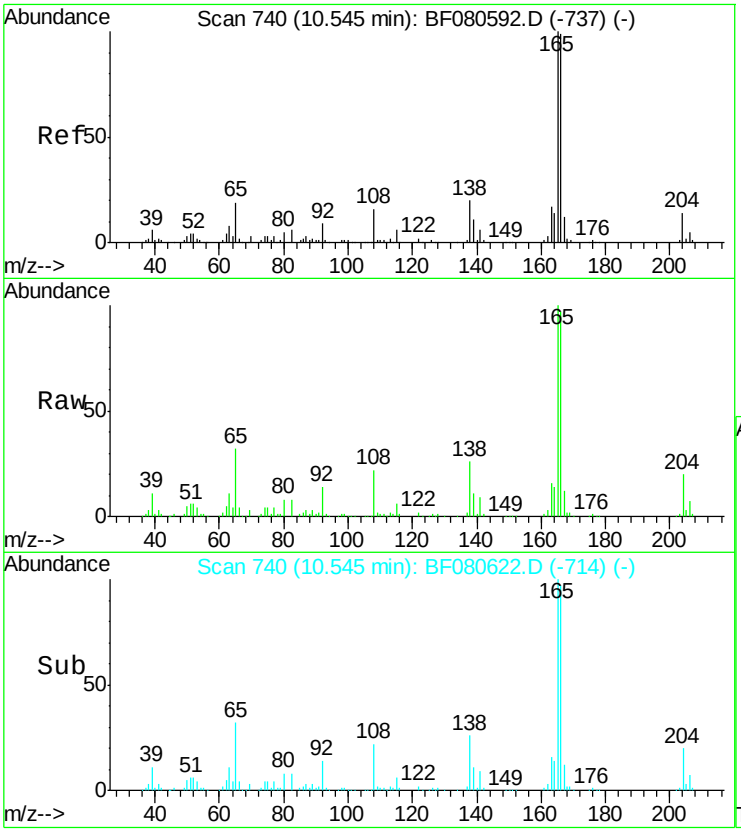


#60
4-Chlorophenyl-phenylether
Concen: 38.89 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:204 Resp: 88060

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	87.0	68.3	102.5

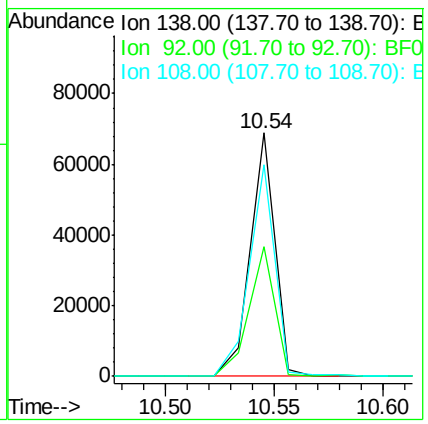




#61
4-Nitroaniline
Concen: 48.41 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

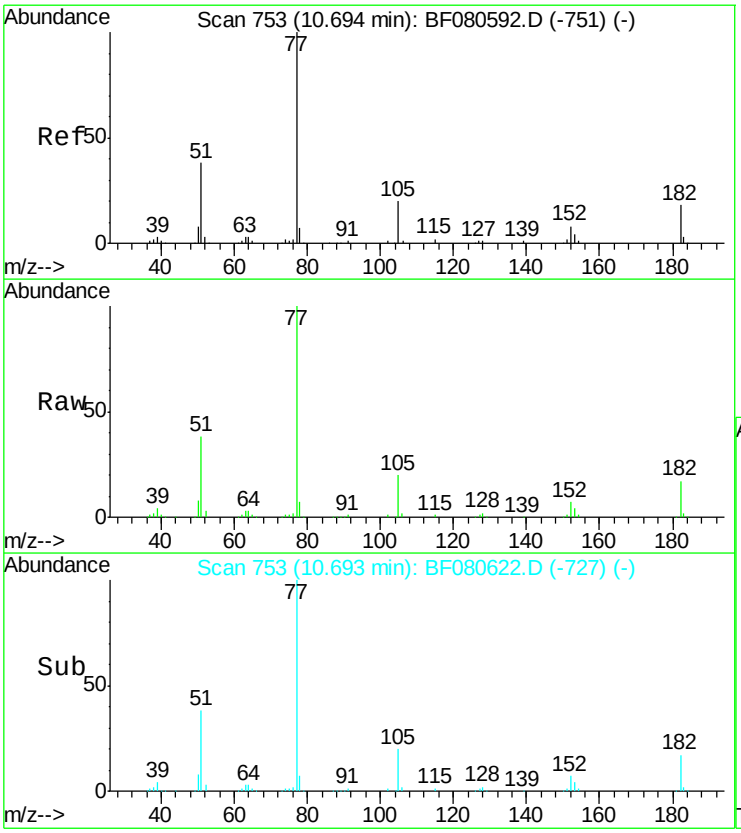
Tgt Ion:138 Resp: 54105

Ion	Ratio	Lower	Upper
138	100		
92	53.4	22.6	62.6
108	86.7	62.0	102.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

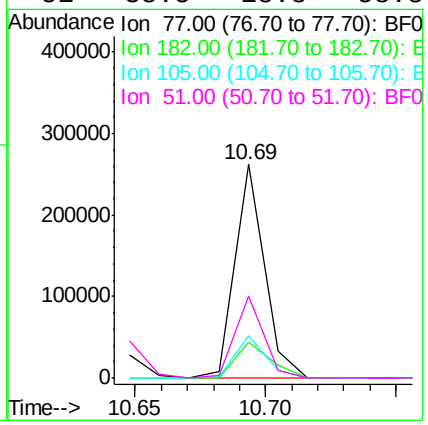
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

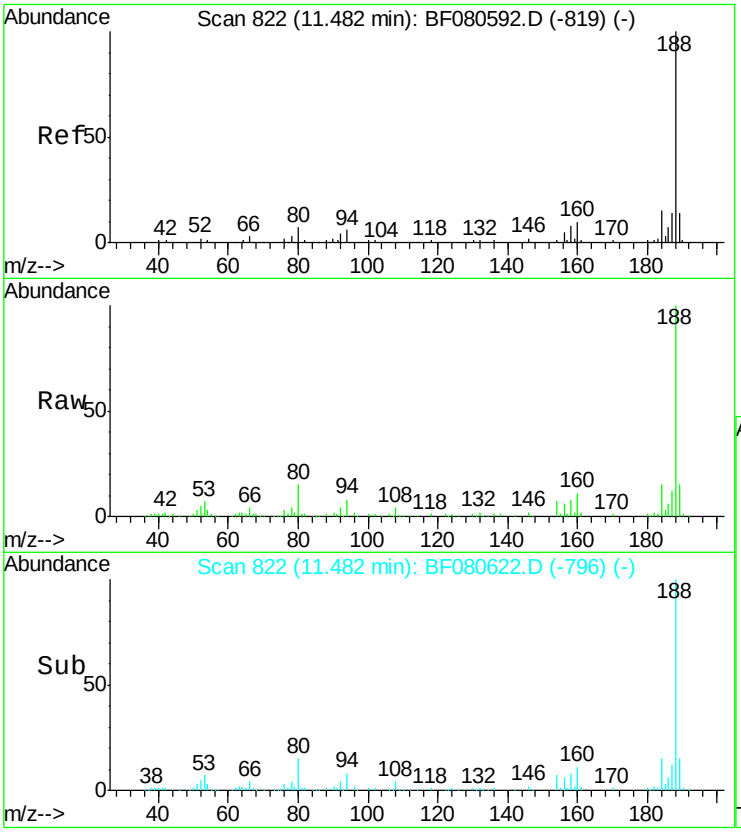


#62
Azobenzene
Concen: 38.90 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion: 77 Resp: 207455

Ion	Ratio	Lower	Upper
77	100		
182	16.8	0.0	37.8
105	20.0	0.1	40.1
51	38.5	18.8	58.8





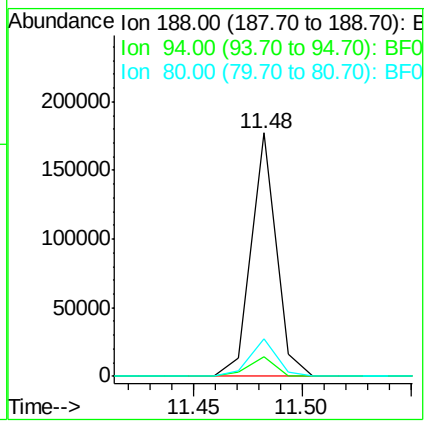
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

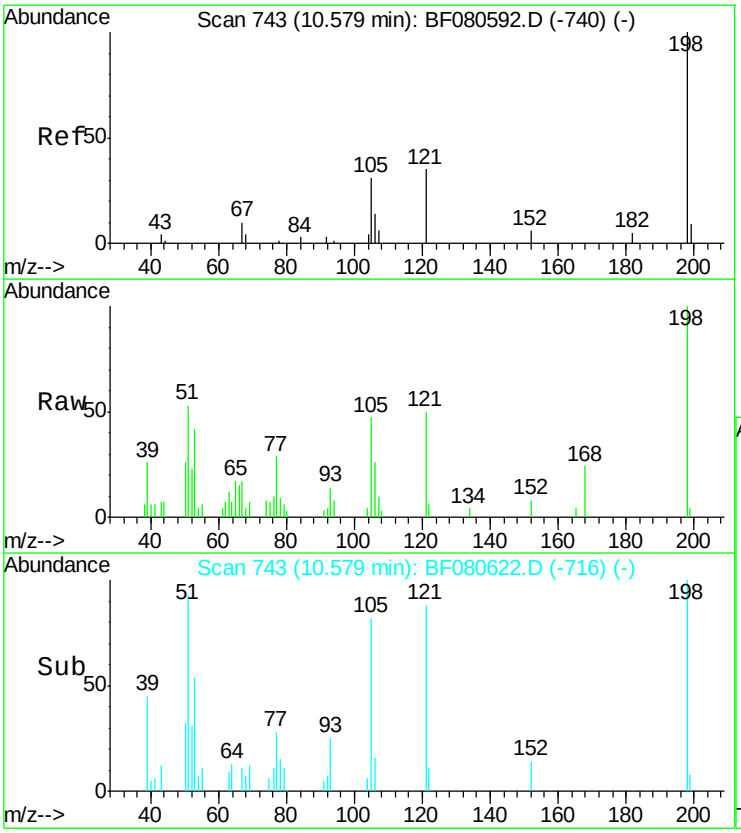
Tgt Ion:188 Resp: 141467

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.1	9.1
80	15.3	7.0	10.6#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

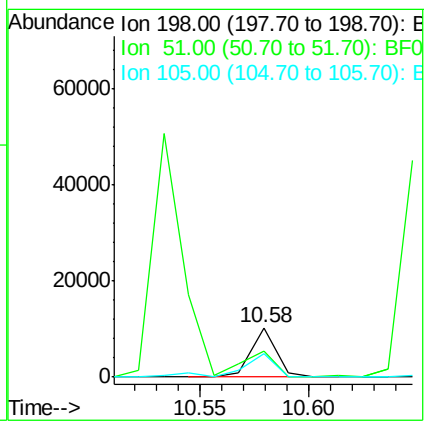


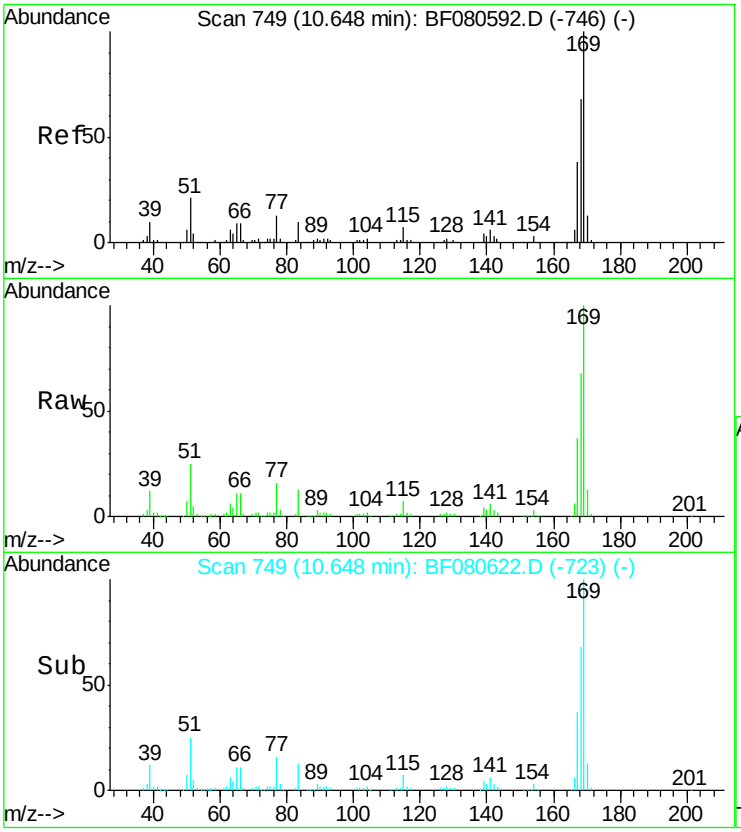


#64
4,6-Dinitro-2-methylphenol
Concen: 23.43 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:198 Resp: 8239

Ion	Ratio	Lower	Upper
198	100		
51	52.9	32.0	72.0
105	46.9	16.3	56.3

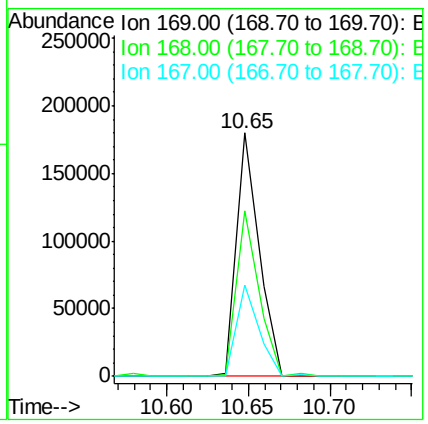




#65
n-Nitrosodiphenylamine
Concen: 36.78 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

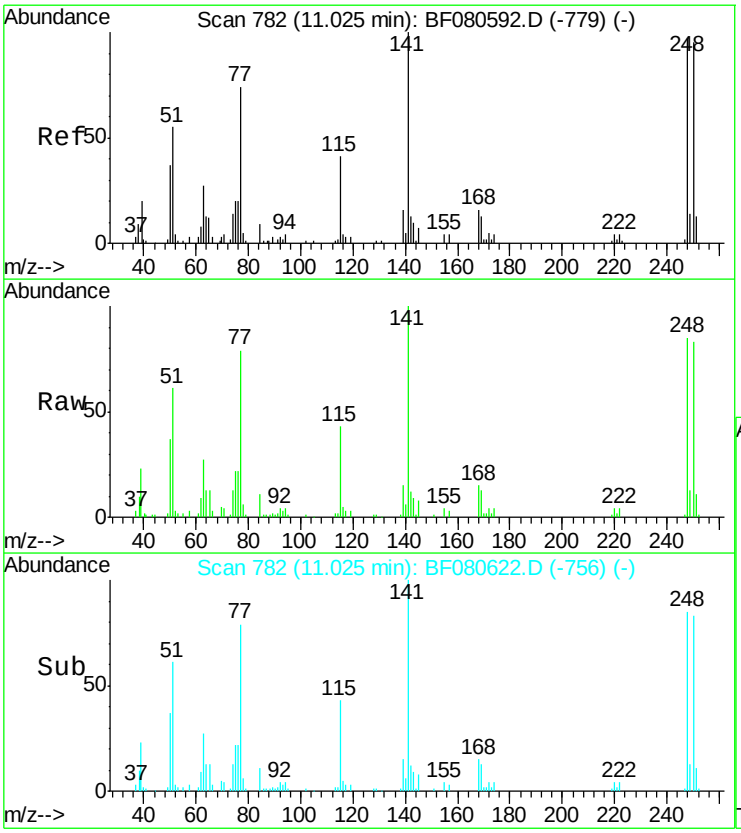
Tgt Ion:169 Resp: 170735

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.3	79.9
167	37.5	29.8	44.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

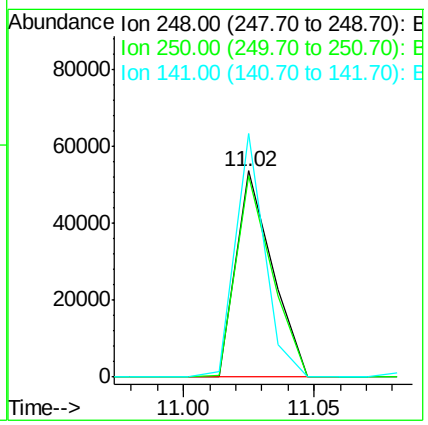
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

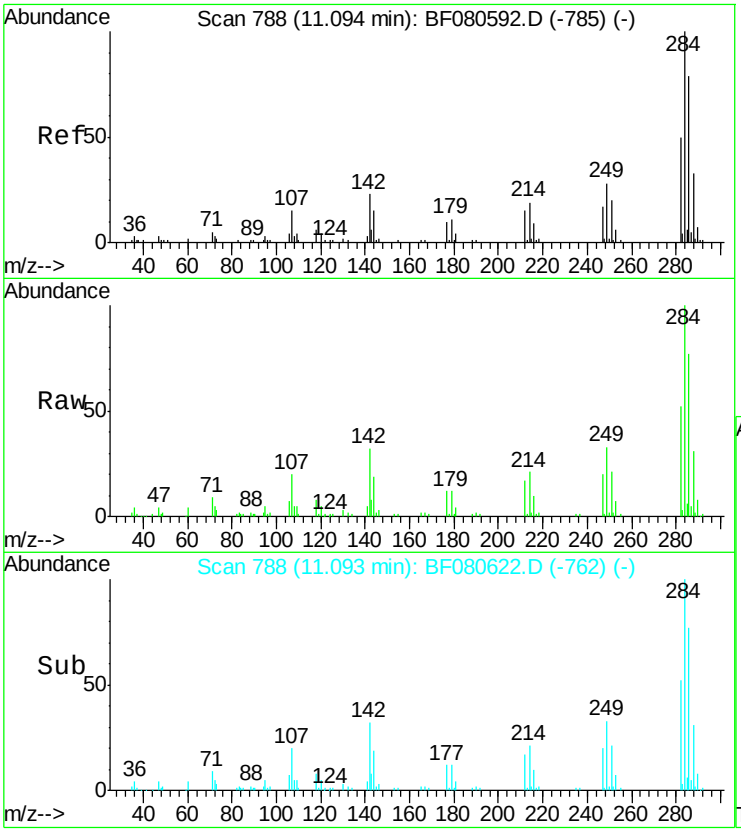


#66
4-Bromophenyl-phenylether
Concen: 36.40 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:248 Resp: 52346

Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.4	113.2
141	118.3	93.4	140.0

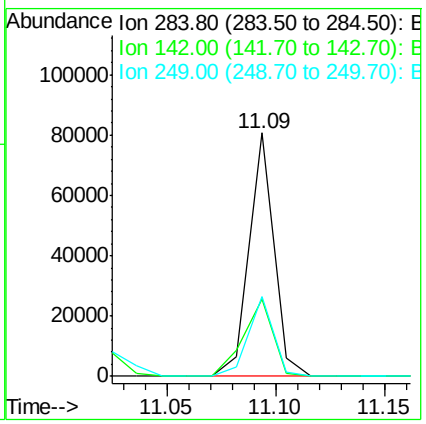




#67
Hexachlorobenzene
Concen: 39.41 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

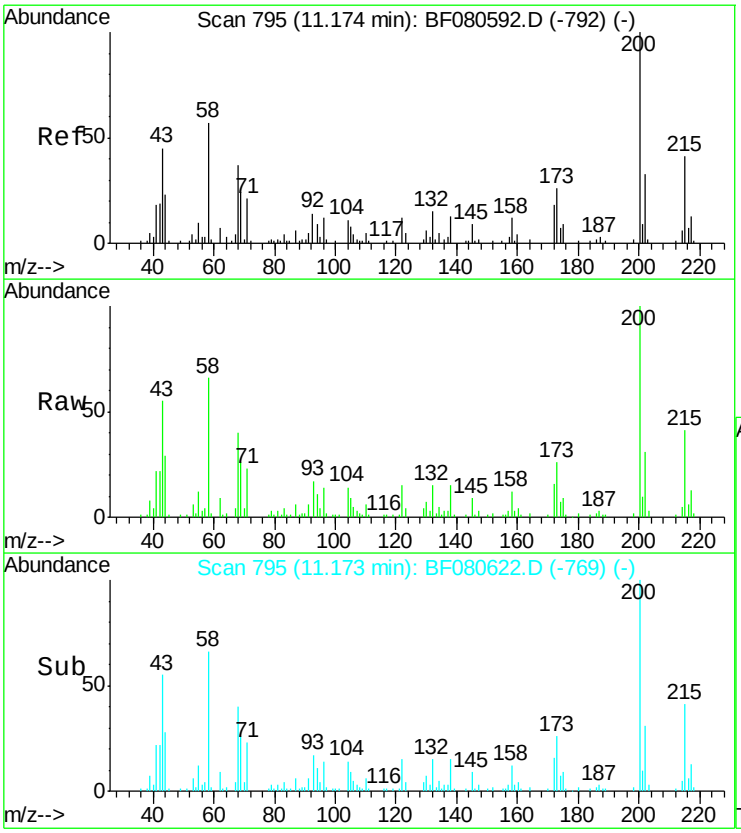
Tgt Ion:284 Resp: 63989

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.4	33.6
249	32.6	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

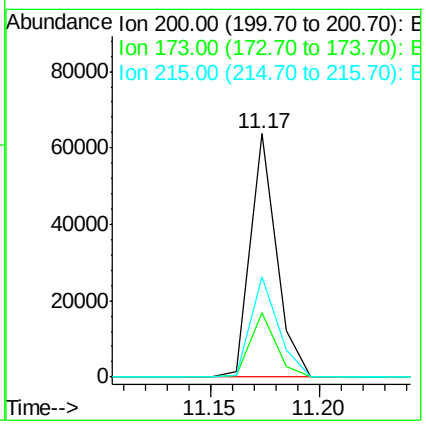
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

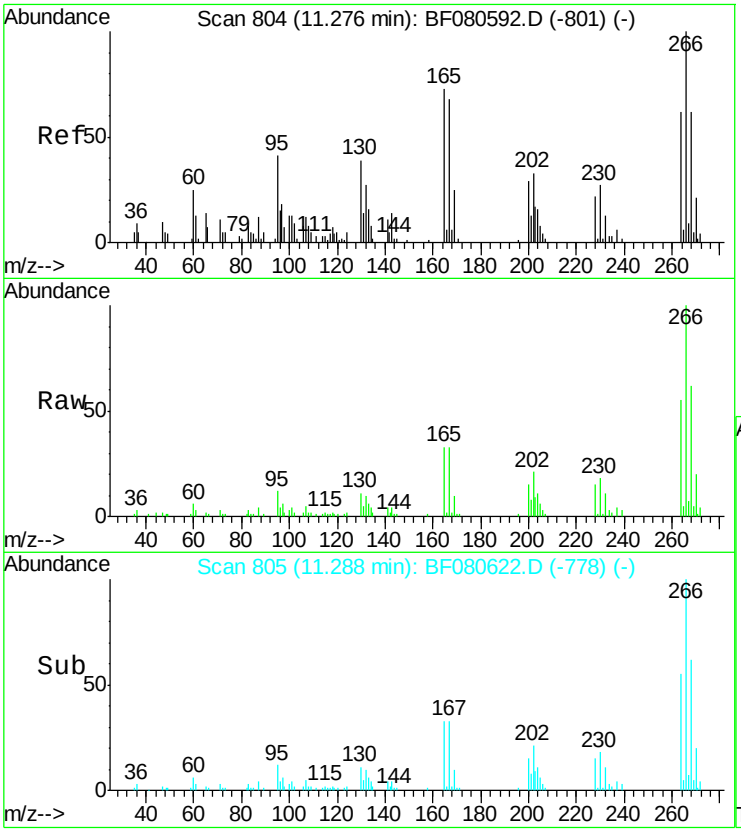


#68
Atrazine
Concen: 41.63 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:200 Resp: 53094

Ion	Ratio	Lower	Upper
200	100		
173	26.2	4.6	44.6
215	41.4	22.9	62.9

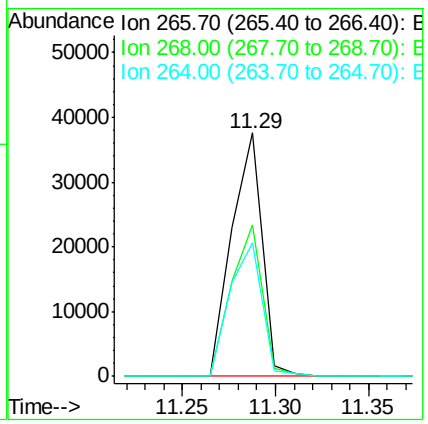




#69
Pentachlorophenol
Concen: 56.79 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

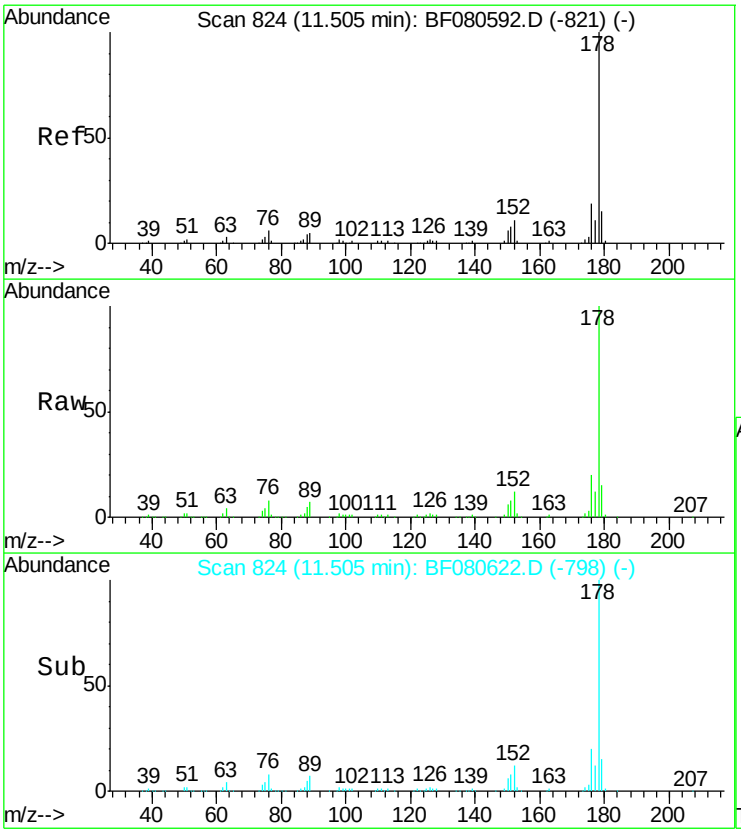
Tgt Ion:266 Resp: 43025

Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.5	77.3
264	54.8	48.8	73.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

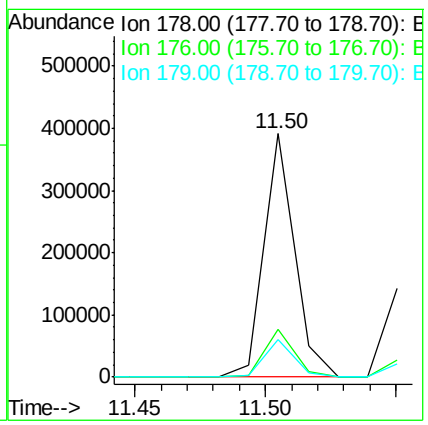
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

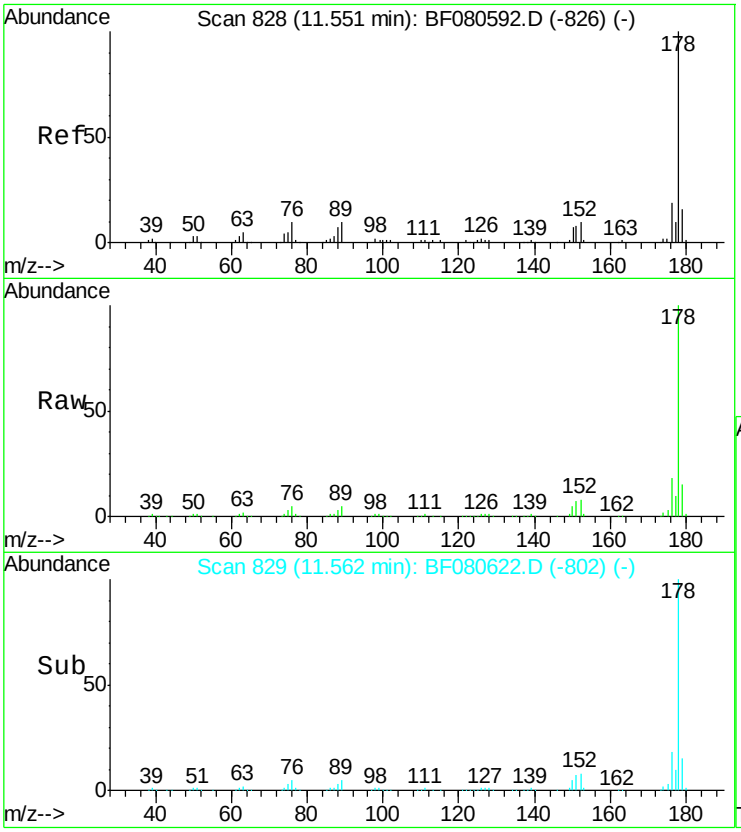


#70
Phenanthrene
Concen: 39.61 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:178 Resp: 316272

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.4	12.5	18.7

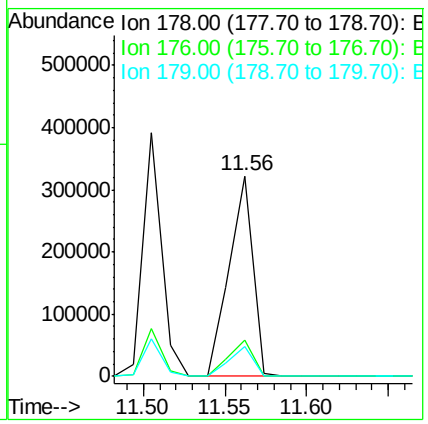




#71
Anthracene
Concen: 43.37 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

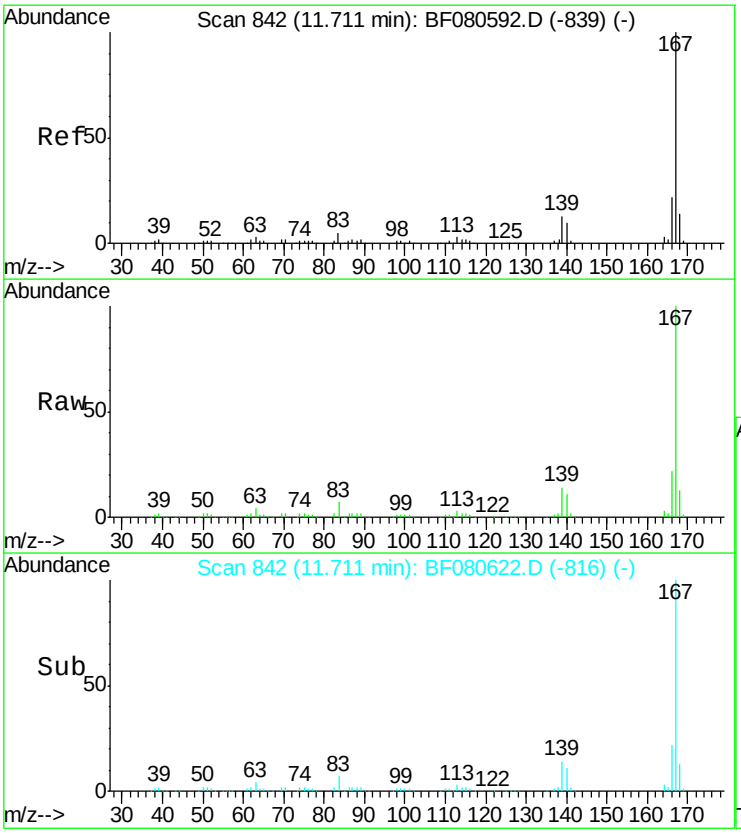
Tgt Ion:178 Resp: 324360

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.0	18.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

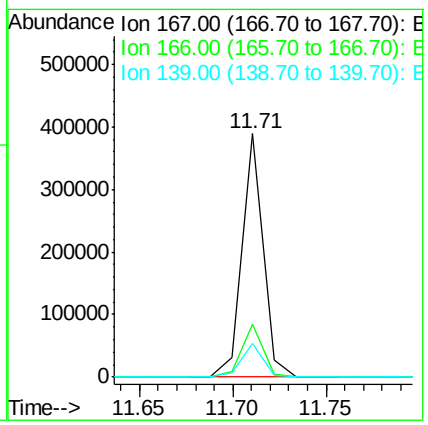
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

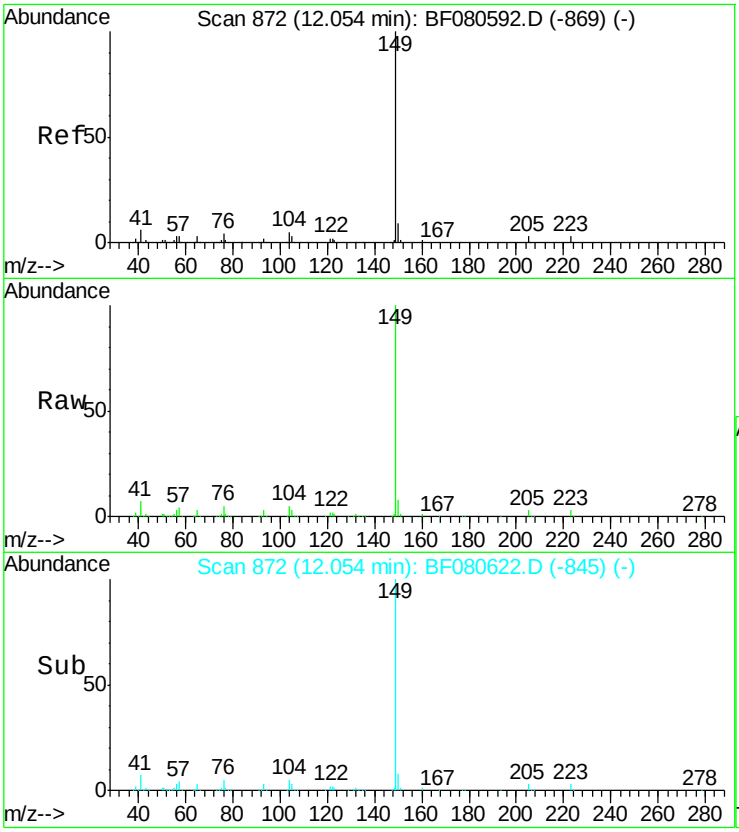


#72
Carbazole
Concen: 47.68 ng
RT: 11.71 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:167 Resp: 308314

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.9	10.7	16.1

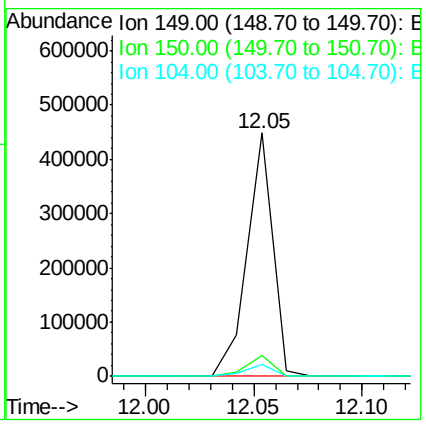




#73
Di-n-butylphthalate
Concen: 48.82 ng
RT: 12.05 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

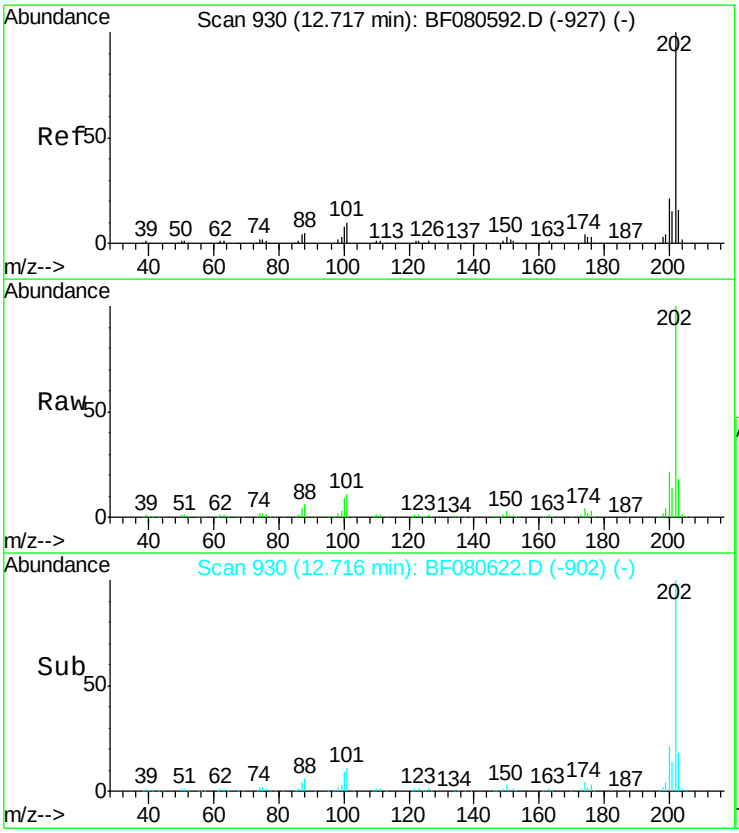
Tgt Ion:149 Resp: 366909

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.2	10.8
104	4.7	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

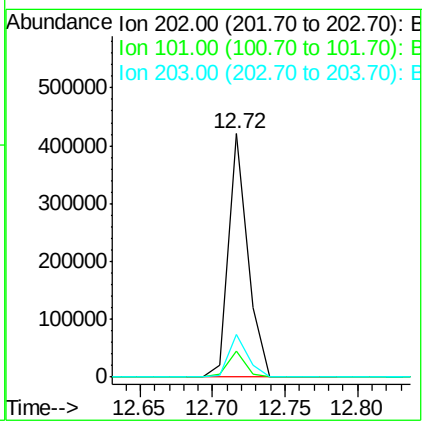
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

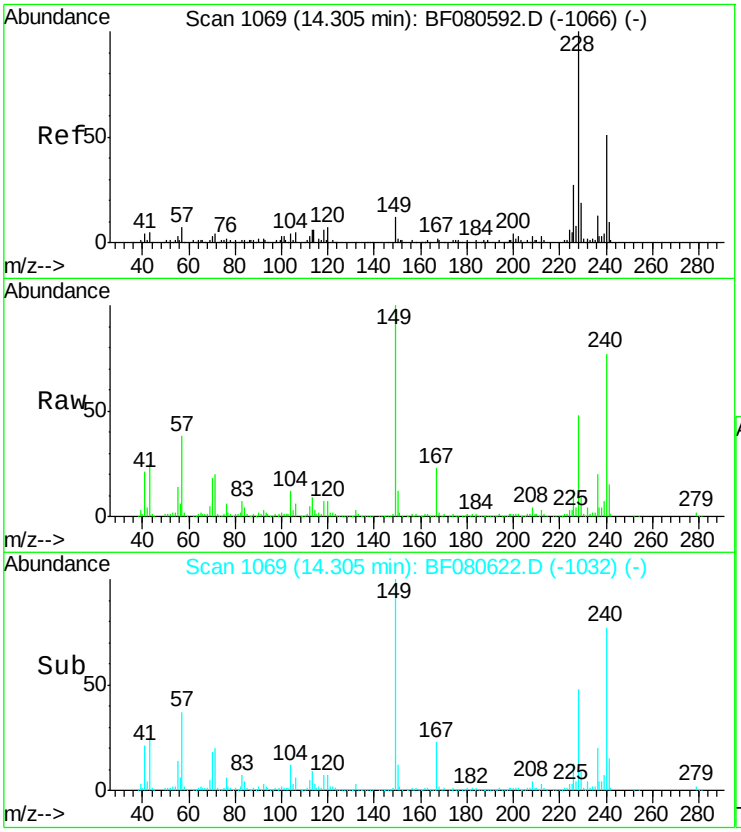


#74
Fluoranthene
Concen: 54.21 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.02 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:202 Resp: 387370

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.7	0.0	37.5

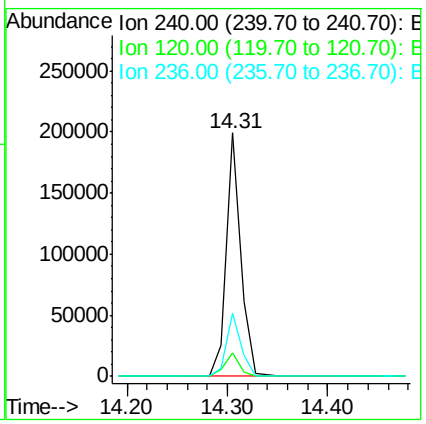




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.31 min Scan# 1069
Delta R.T. 0.13 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

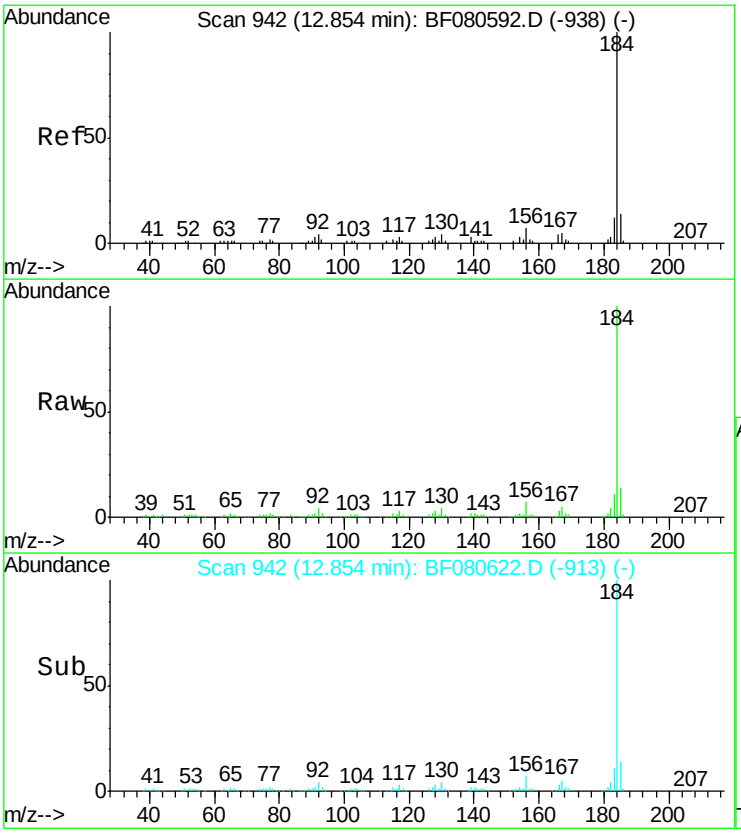
Tgt Ion:240 Resp: 200009

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.9	14.9#
236	25.8	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

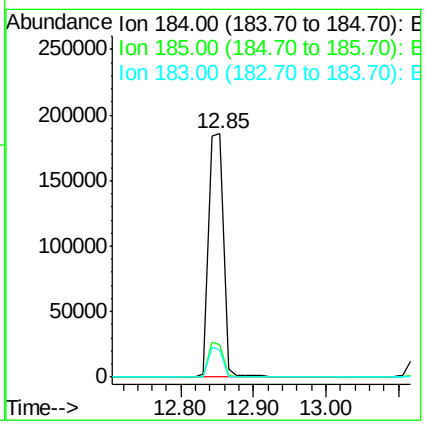
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

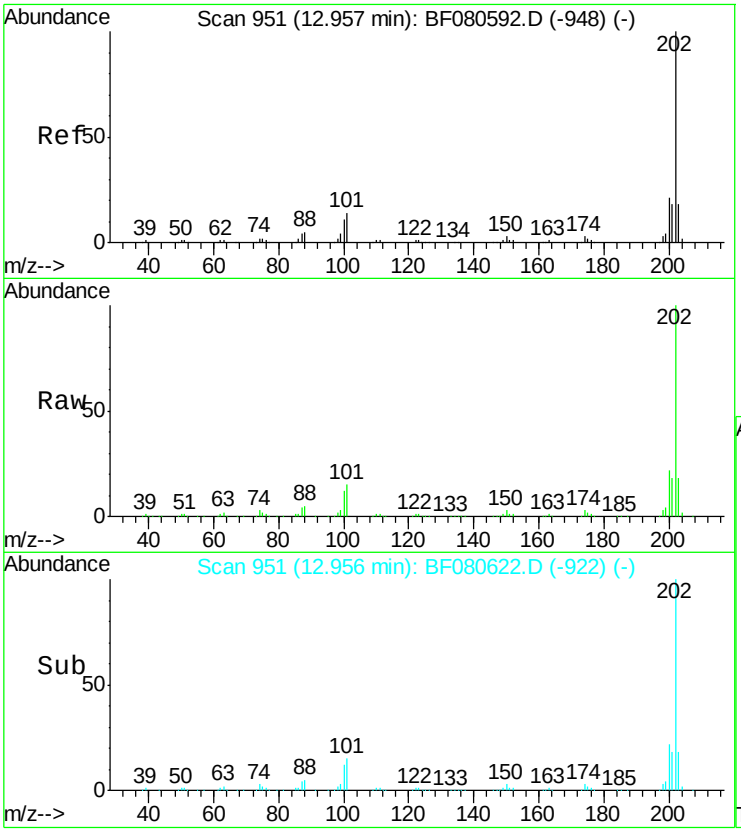


#76
Benzidine
Concen: 44.90 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.03 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:184 Resp: 263924

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.2	16.8
183	11.1	9.6	14.4

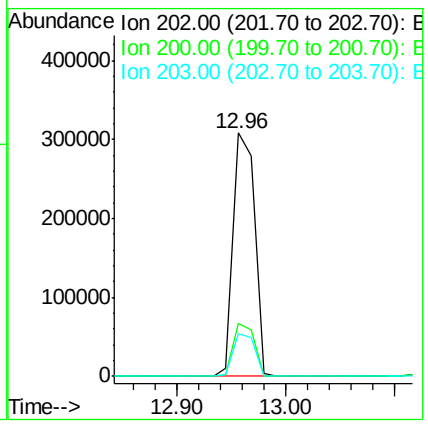




#77
Pyrene
Concen: 30.95 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.03 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

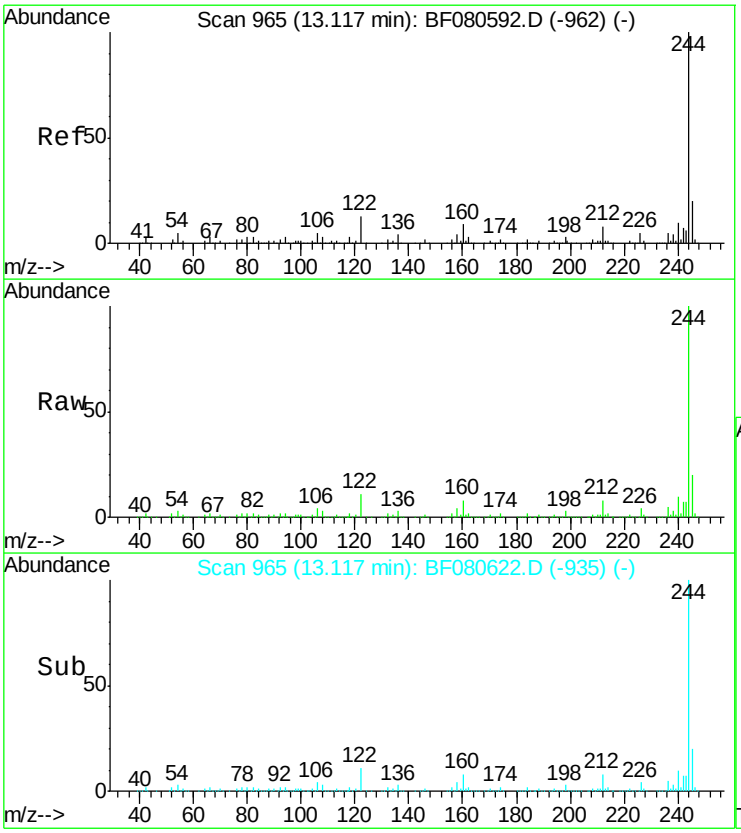
Tgt Ion:202 Resp: 415375

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.7	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

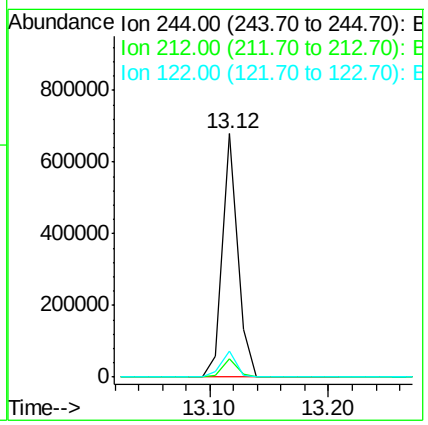
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

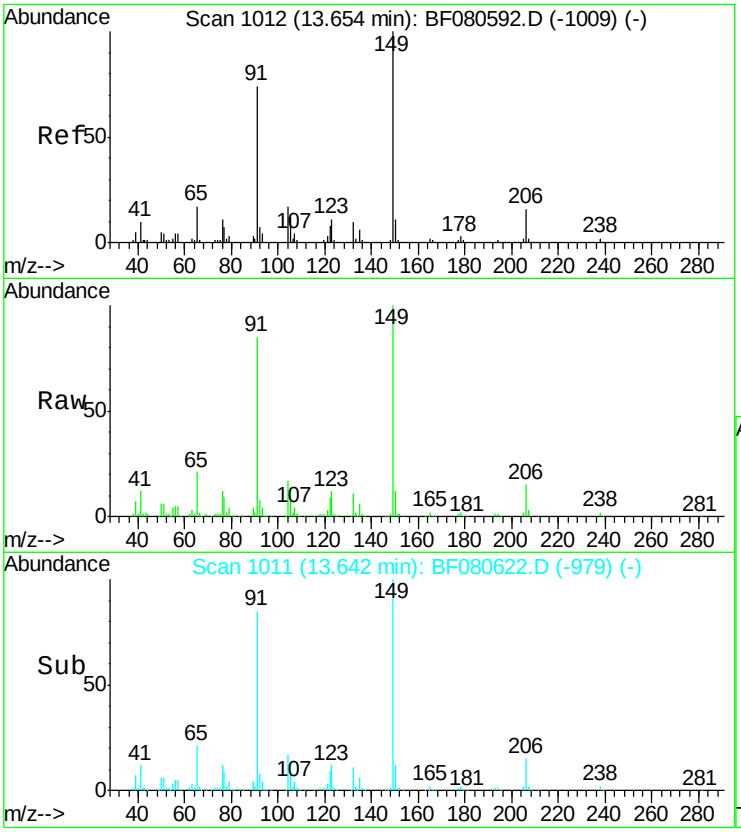


#78
Terphenyl-d14
Concen: 62.74 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.05 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:244 Resp: 599660

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	10.6	8.2	12.2





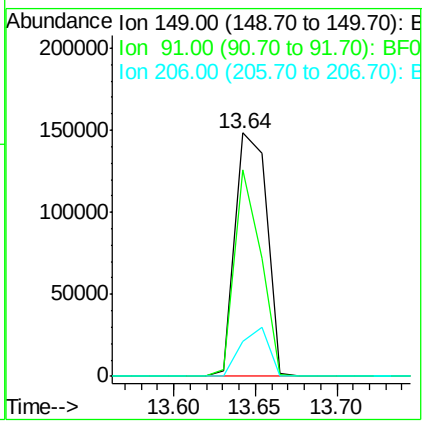
#79
Butylbenzylphthalate
Concen: 41.98 ng
RT: 13.64 min Scan# 1011
Delta R.T. 0.07 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

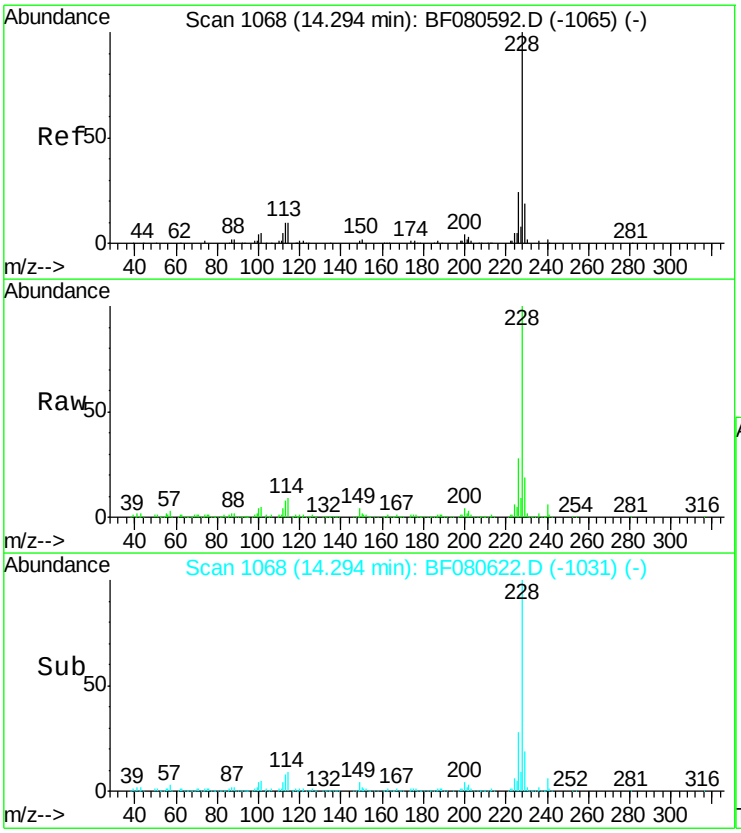
Tgt Ion:149 Resp: 198765

Ion	Ratio	Lower	Upper
149	100		
91	85.1	53.0	79.6#
206	14.6	15.0	22.6#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

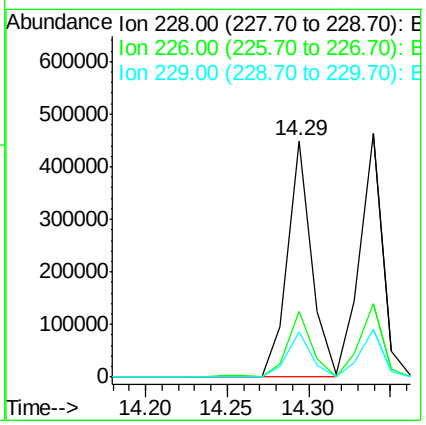


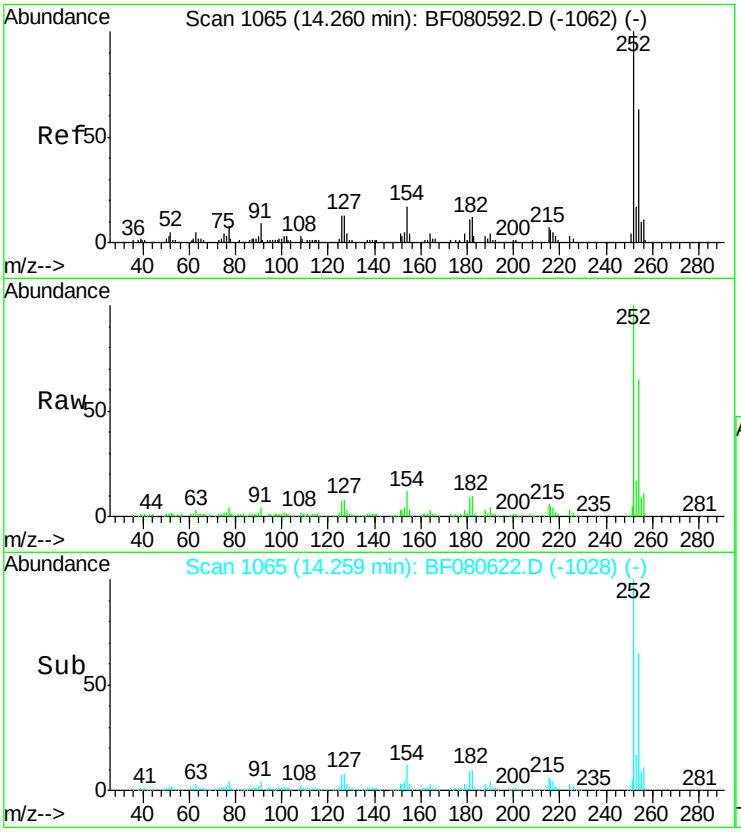


#80
Benzo(a)anthracene
Concen: 41.31 ng
RT: 14.29 min Scan# 1068
Delta R.T. 0.13 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:228 Resp: 465875

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.1	15.7	23.5

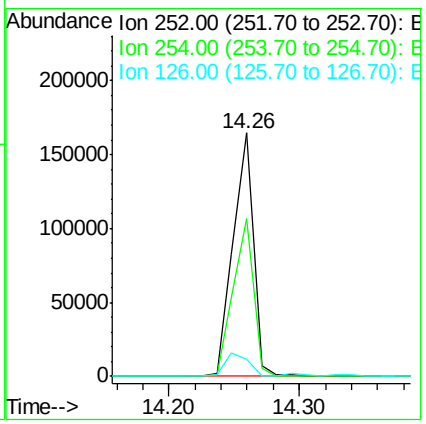




#81
3,3'-Dichlorobenzidine
Concen: 54.90 ng
RT: 14.26 min Scan# 1065
Delta R.T. 0.13 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

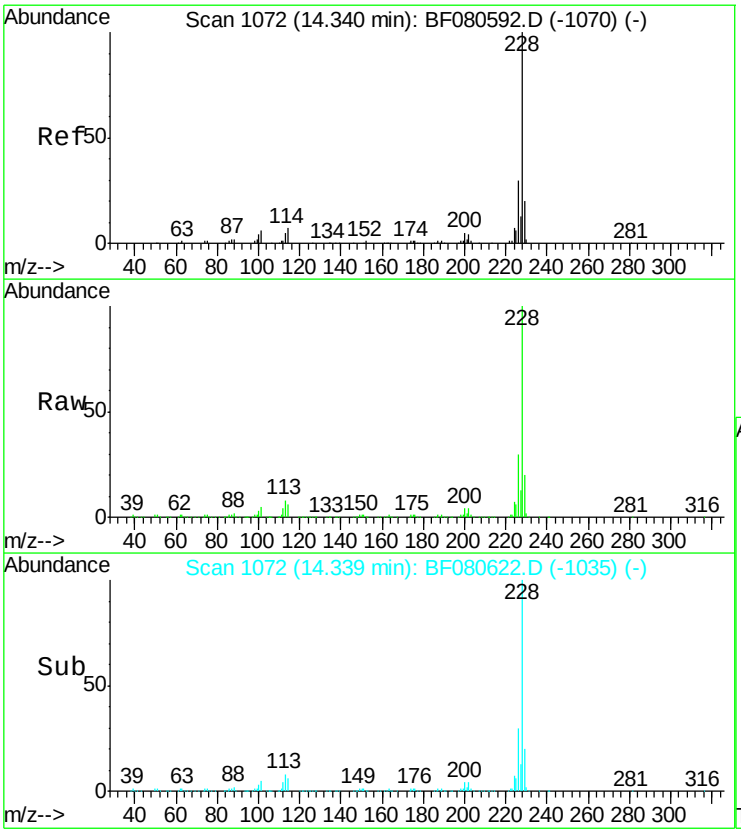
Tgt Ion:252 Resp: 176944

Ion	Ratio	Lower	Upper
252	100		
254	64.6	49.2	73.8
126	7.2	8.1	12.1#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

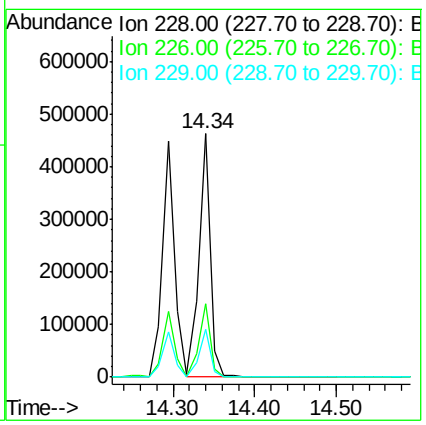
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

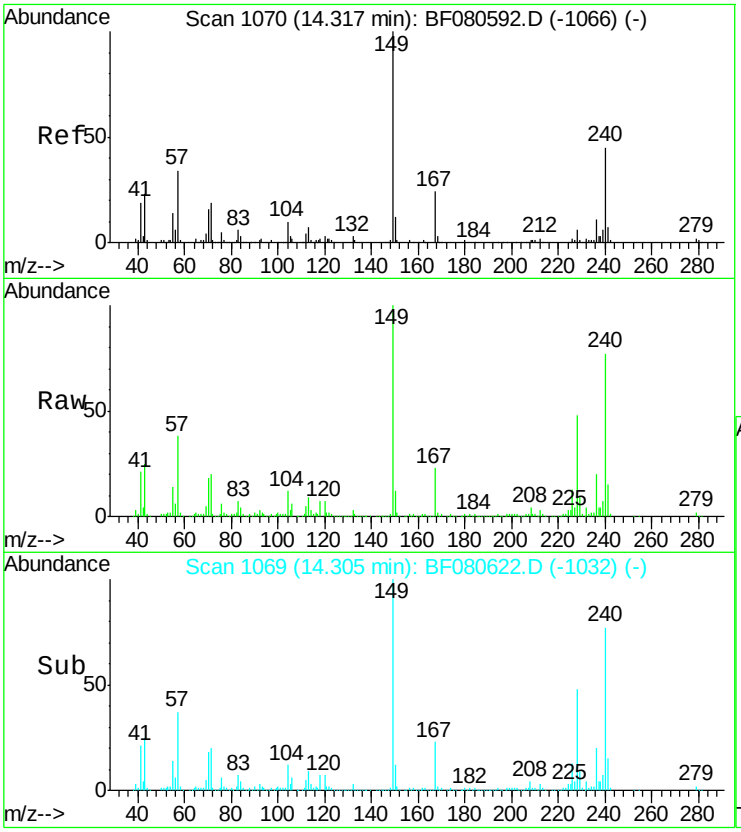


#82
Chrysene
Concen: 40.92 ng
RT: 14.34 min Scan# 1072
Delta R.T. 0.13 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:228 Resp: 459169

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	19.7	15.0	22.4

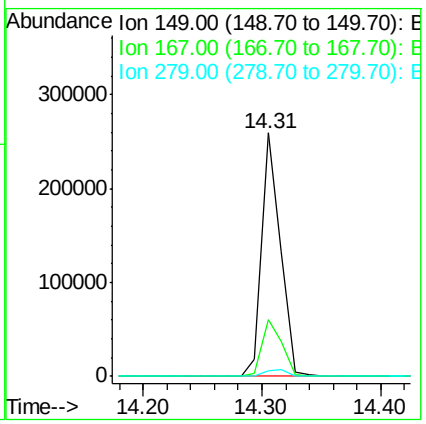




#83
Bis(2-ethylhexyl)phthalate
Concen: 43.92 ng
RT: 14.31 min Scan# 1069
Delta R.T. 0.13 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

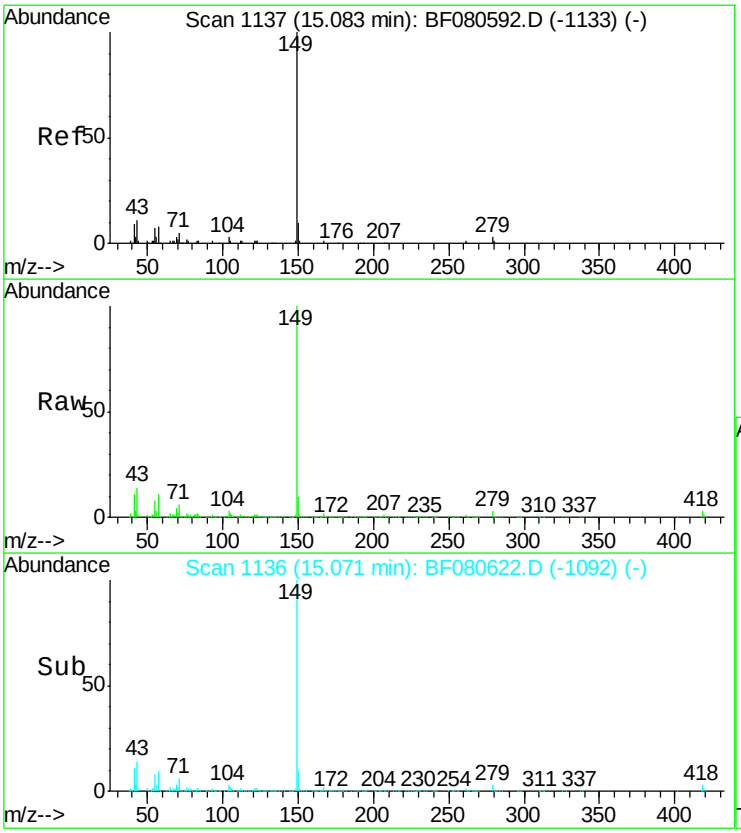
Tgt Ion:149 Resp: 288129

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.2	30.2
279	2.0	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

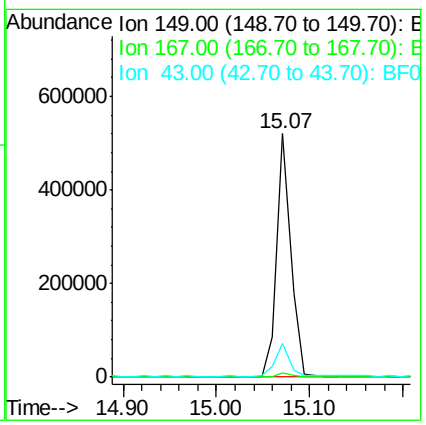
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

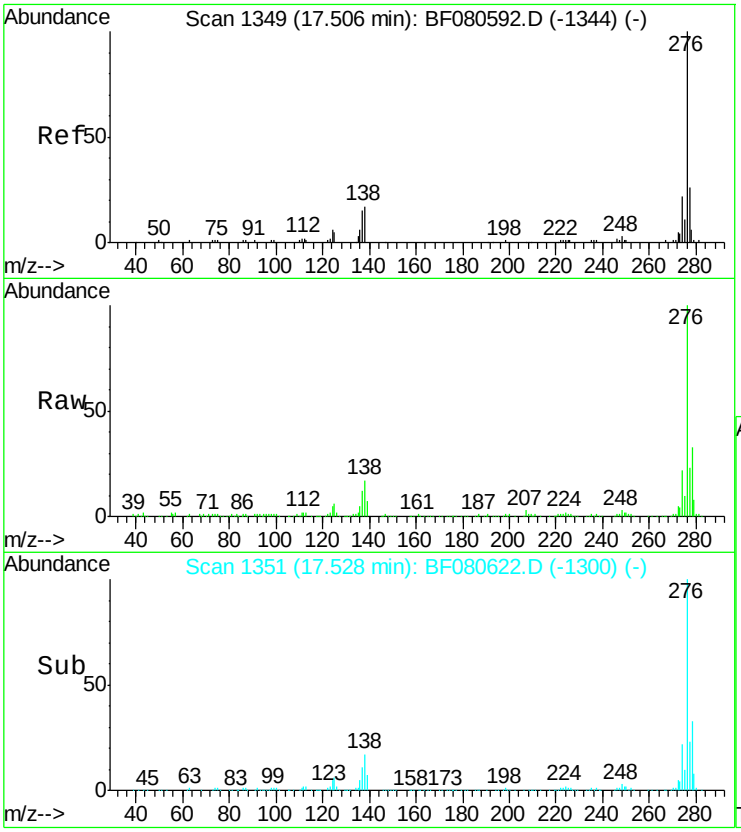


#84
Di-n-octyl phthalate
Concen: 58.02 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.21 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:149 Resp: 546267

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	13.6	12.5	18.7

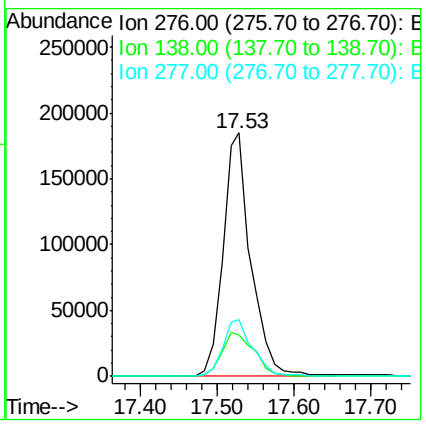




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.46 ng
RT: 17.53 min Scan# 1351
Delta R.T. 0.29 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

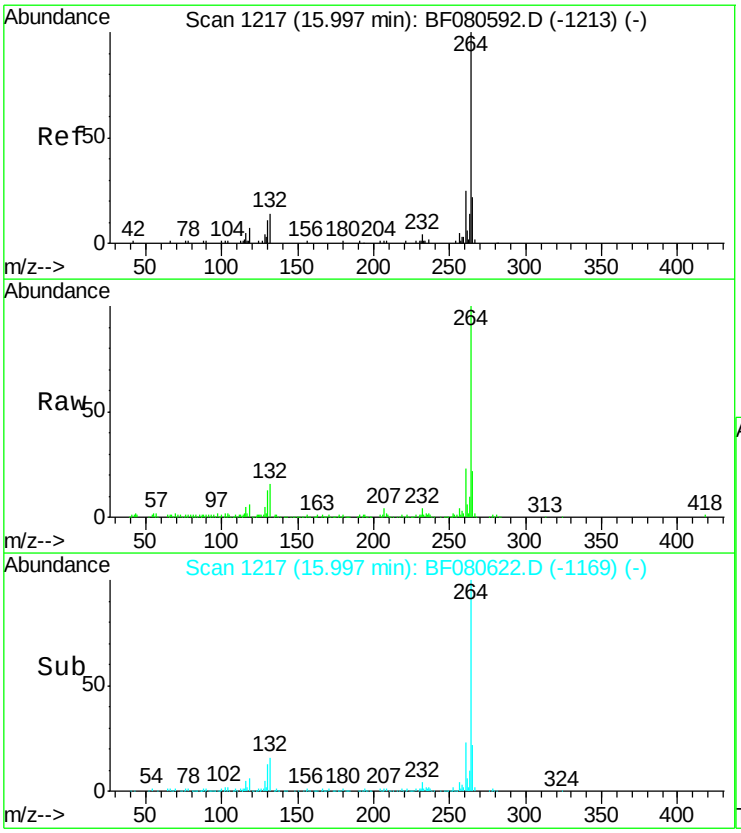
Tgt Ion:276 Resp: 470727

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.9	28.3
277	25.0	19.9	29.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

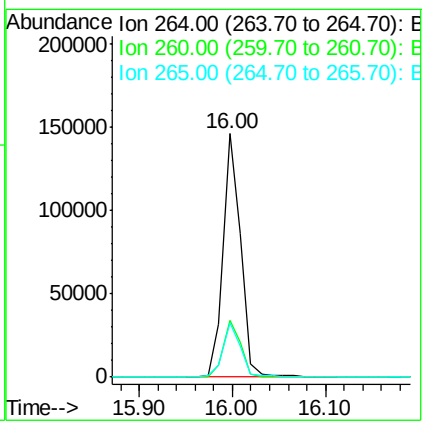
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

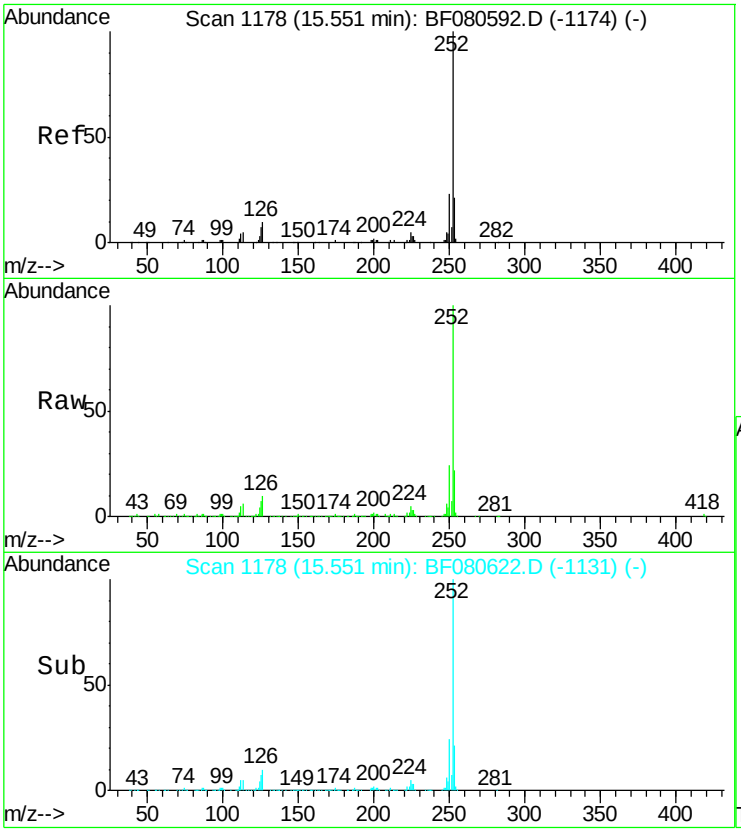


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1217
Delta R.T. 0.25 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:264 Resp: 191220

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.8
265	22.1	15.6	23.4

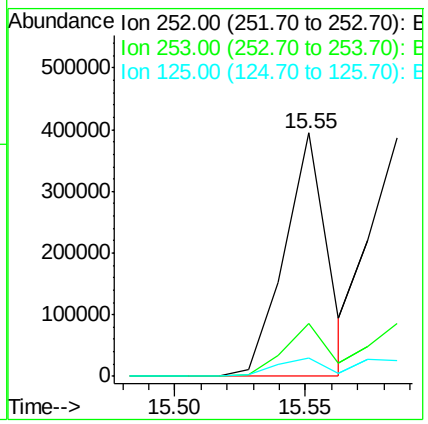




#87
Benzo(b)fluoranthene
Concen: 38.49 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.24 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

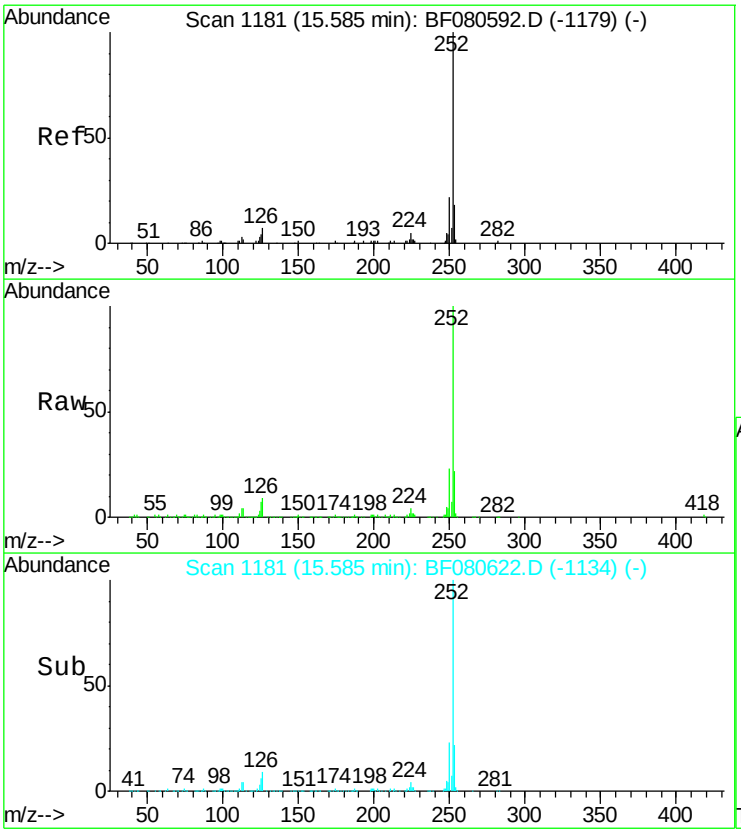
Tgt Ion:252 Resp: 447639

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	7.4	6.1	9.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

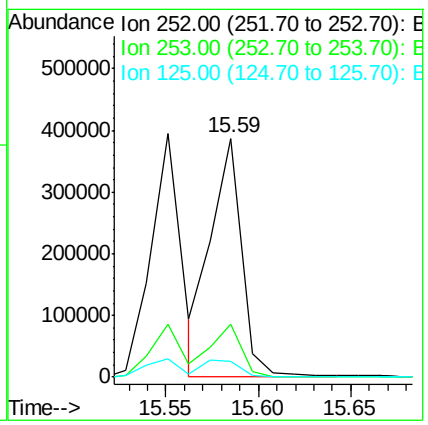
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

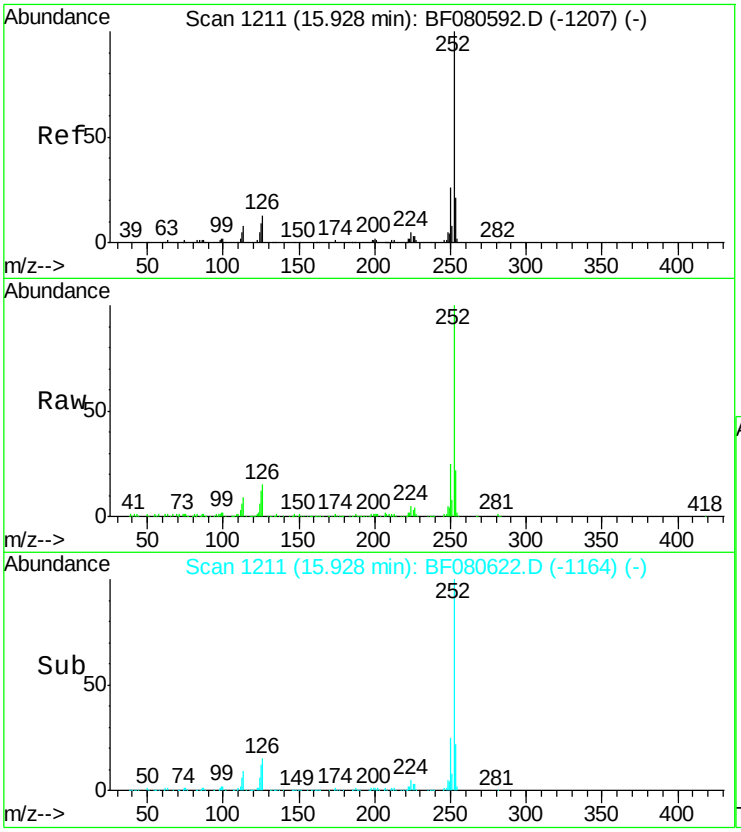


#88
Benzo(k)fluoranthene
Concen: 39.27 ng m
RT: 15.59 min Scan# 1181
Delta R.T. 0.24 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:252 Resp: 454497

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	6.5	8.6	13.0#

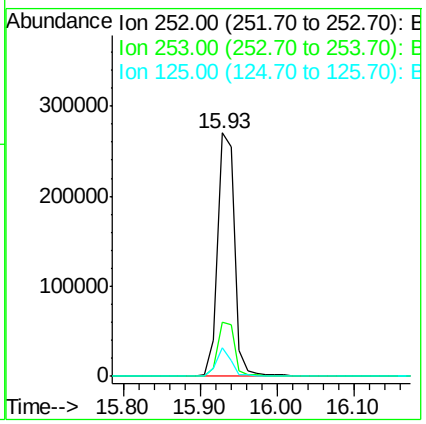




#89
Benzo(a)pyrene
Concen: 40.50 ng
RT: 15.93 min Scan# 1211
Delta R.T. 0.24 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

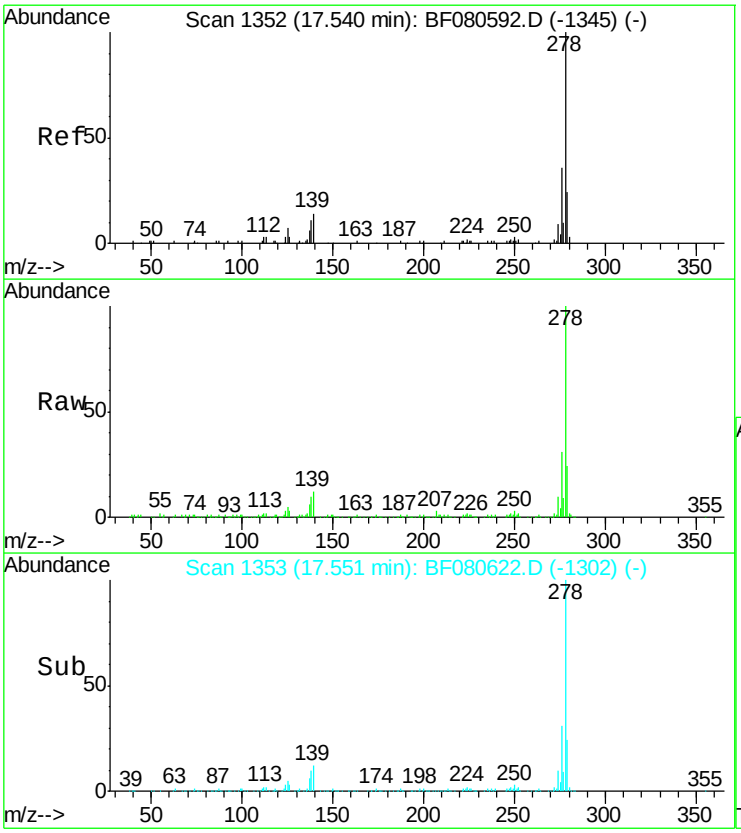
Tgt Ion:252 Resp: 417887

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	11.7	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

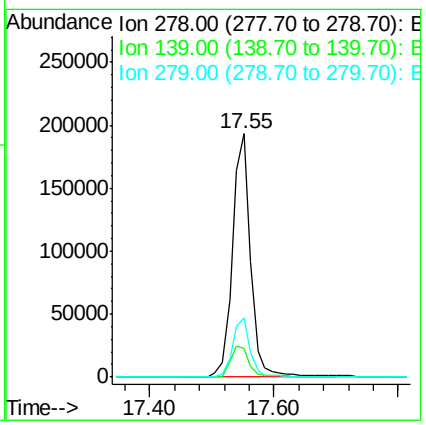
Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM

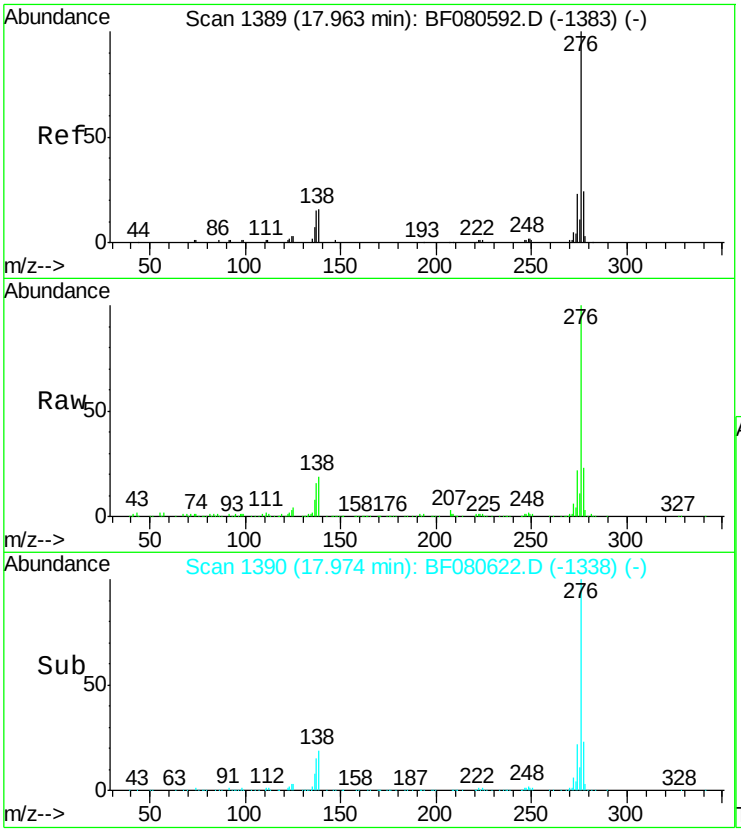


#90
Dibenzo(a,h)anthracene
Concen: 40.44 ng
RT: 17.55 min Scan# 1353
Delta R.T. 0.29 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:278 Resp: 394109

Ion	Ratio	Lower	Upper
278	100		
139	11.9	11.6	17.4
279	24.4	18.9	28.3

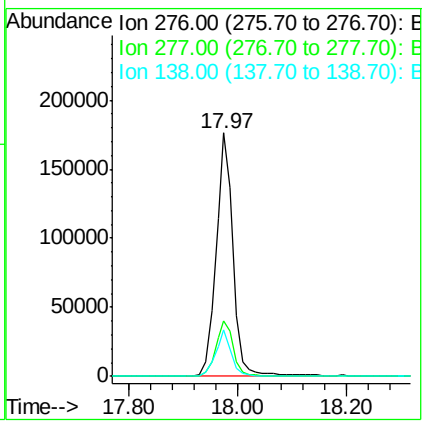




#91
Benzo(g,h,i)perylene
Concen: 38.90 ng
RT: 17.97 min Scan# 1390
Delta R.T. 0.30 min
Lab File: BF080622.D
Acq: 24 Jul 2015 6:21

Tgt Ion:276 Resp: 387225

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.0	27.0
138	18.9	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/24/2015 4:48:12 PM