Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080543.D
Acq On : 17 Jul 2015 19:57
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

Quant Time: Jul 20 14:11:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42199	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	164672	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	72755	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	137317	20.00	ng	0.00
75) Chrysene-d12	14.41	240	112132	20.00	ng	0.06
86) Perylene-d12	16.12	264	101848	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	216749	80.08	ng	0.00
7) Phenol-d6	6.70	99	258403	83.89	ng	0.00
23) Nitrobenzene-d5	7.63	82	231376	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	55066	84.58	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	440764	85.09	ng	0.00
78) Terphenyl-d14	13.22	244	410796	81.81	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.74	88	51214	45.24	ng	97
3) Pyridine	3.69	79	93232	43.61	ng	93
4) n-Nitrosodimethylamine	3.53	42	70094	46.97	ng	95
6) Aniline	6.74	93	165120	40.67	ng	99
8) 2-Chlorophenol	6.85	128	114432	40.52	ng	99
9) Benzaldehyde	6.62	77	78685	45.23	ng	100
10) Phenol	6.72	94	139717	39.22	ng	98
11) bis(2-Chloroethyl)ether	6.80	93	101229	37.60	ng	97
12) 1,3-Dichlorobenzene	7.00	146	133290	41.93	ng	99
13) 1,4-Dichlorobenzene	7.08	146	142868	40.81	ng	99
14) 1,2-Dichlorobenzene	7.24	146	127010	39.45	ng	97
15) Benzyl Alcohol	7.22	79	75921	38.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.33	45	171049	37.34	ng	97
17) 2-Methylphenol	7.33	107	83000	38.53	ng	97
18) Hexachloroethane	7.58	117	41839	37.29	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	67580	39.04	ng	97
20) 3+4-Methylphenols	7.48	107	123582	39.74	ng	99
22) Acetophenone	7.47	105	140259	39.68	ng	98
24) Nitrobenzene	7.65	77	110674	37.92	ng	98
25) Isophorone	7.88	82	201865	40.95	ng	100
26) 2-Nitrophenol	7.97	139	58075	40.55	ng	98
27) 2,4-Dimethylphenol	8.01	122	108213	44.12	ng	98
28) bis(2-Chloroethoxy)methane	8.10	93	104640	38.33	ng	99
29) 2,4-Dichlorophenol	8.21	162	88209	42.47	ng	99
30) 1,2,4-Trichlorobenzene	8.29	180	106859	40.25	ng	100
31) Naphthalene	8.37	128	343782	42.18	ng	99
32) Benzoic acid	8.10	122	42052	39.65	ng	98
33) 4-Chloroaniline	8.43	127	145210	44.72	ng	100
34) Hexachlorobutadiene	8.49	225	50897	41.11	ng	100
35) Caprolactam	8.76	113	20215	41.63	ng	98
36) 4-Chloro-3-methylphenol	8.91	107	89657	41.90	ng	98
37) 2-Methylnaphthalene	9.06	142	209004	41.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	97337	42.31	ng	100
40) Hexachlorocyclopentadiene	9.22	237	49148	45.38	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080543.D
Acq On : 17 Jul 2015 19:57
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

Quant Time: Jul 20 14:11:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	60779	45.87	ng		97
43) 2,4,5-Trichlorophenol	9.39	196	61334	42.36	ng		97
45) 1,1'-Biphenyl	9.53	154	252723	41.90	ng		99
46) 2-Chloronaphthalene	9.55	162	195373	43.96	ng		99
47) 2-Nitroaniline	9.65	65	43734	40.60	ng		98
48) Acenaphthylene	9.97	152	309839	42.10	ng		99
49) Dimethylphthalate	9.82	163	197925	40.88	ng		100
50) 2,6-Dinitrotoluene	9.89	165	39301	41.75	ng	#	40
51) Acenaphthene	10.14	154	179796	39.97	ng		99
52) 3-Nitroaniline	10.06	138	47644	43.09	ng		94
53) 2,4-Dinitrophenol	10.17	184	17186	40.22	ng		93
54) Dibenzofuran	10.32	168	254674	40.67	ng		98
55) 4-Nitrophenol	10.24	139	33538	40.04	ng		98
56) 2,4-Dinitrotoluene	10.29	165	61931	42.82	ng		96
57) Fluorene	10.66	166	201243	40.56	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.44	232	42314	43.53	ng		94
59) Diethylphthalate	10.52	149	189888	41.55	ng		100
60) 4-Chlorophenyl-phenylether	10.65	204	88560	39.85	ng		93
61) 4-Nitroaniline	10.68	138	50867	43.60	ng		99
62) Azobenzene	10.81	77	184418	40.10	ng	#	74
64) 4,6-Dinitro-2-methylphenol	10.70	198	24047	39.83	ng		98
65) n-Nitrosodiphenylamine	10.76	169	178067	39.36	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	48445	38.48	ng		95
67) Hexachlorobenzene	11.21	284	62374	40.86	ng		94
68) Atrazine	11.29	200	43296	40.44	ng		86
69) Pentachlorophenol	11.41	266	23728	41.59	ng		95
70) Phenanthrene	11.62	178	295286	39.47	ng		99
71) Anthracene	11.68	178	287053	39.50	ng		98
72) Carbazole	11.84	167	250026	38.41	ng		99
73) Di-n-butylphthalate	12.15	149	305023	44.65	ng		99
74) Fluoranthene	12.83	202	272942	39.02	ng		97
76) Benzidine	12.97	184	135764	45.25	ng		100
77) Pyrene	13.08	202	280496	38.76	ng		99
79) Butylbenzylphthalate	13.73	149	100365	42.37	ng	#	85
80) Benzo(a)anthracene	14.40	228	256893	41.16	ng		98
81) 3,3'-Dichlorobenzidine	14.36	252	85100	43.17	ng		99
82) Chrysene	14.44	228	256460	41.01	ng		99
83) Bis(2-ethylhexyl)phthalate	14.37	149	149404	42.45	ng	#	96
84) Di-n-octyl phthalate	15.12	149	215617	41.81	ng		100
85) Indeno(1,2,3-cd)pyrene	17.71	276	241472	37.48	ng		98
87) Benzo(b)fluoranthene	15.65	252	237833	37.67	ng	#	97
88) Benzo(k)fluoranthene	15.68	252	224083m	40.99	ng		
89) Benzo(a)pyrene	16.05	252	223155	41.48	ng		99
90) Dibenzo(a,h)anthracene	17.72	278	204209	38.55	ng		96
91) Benzo(g,h,i)perylene	18.18	276	200062	37.41	ng	#	94

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

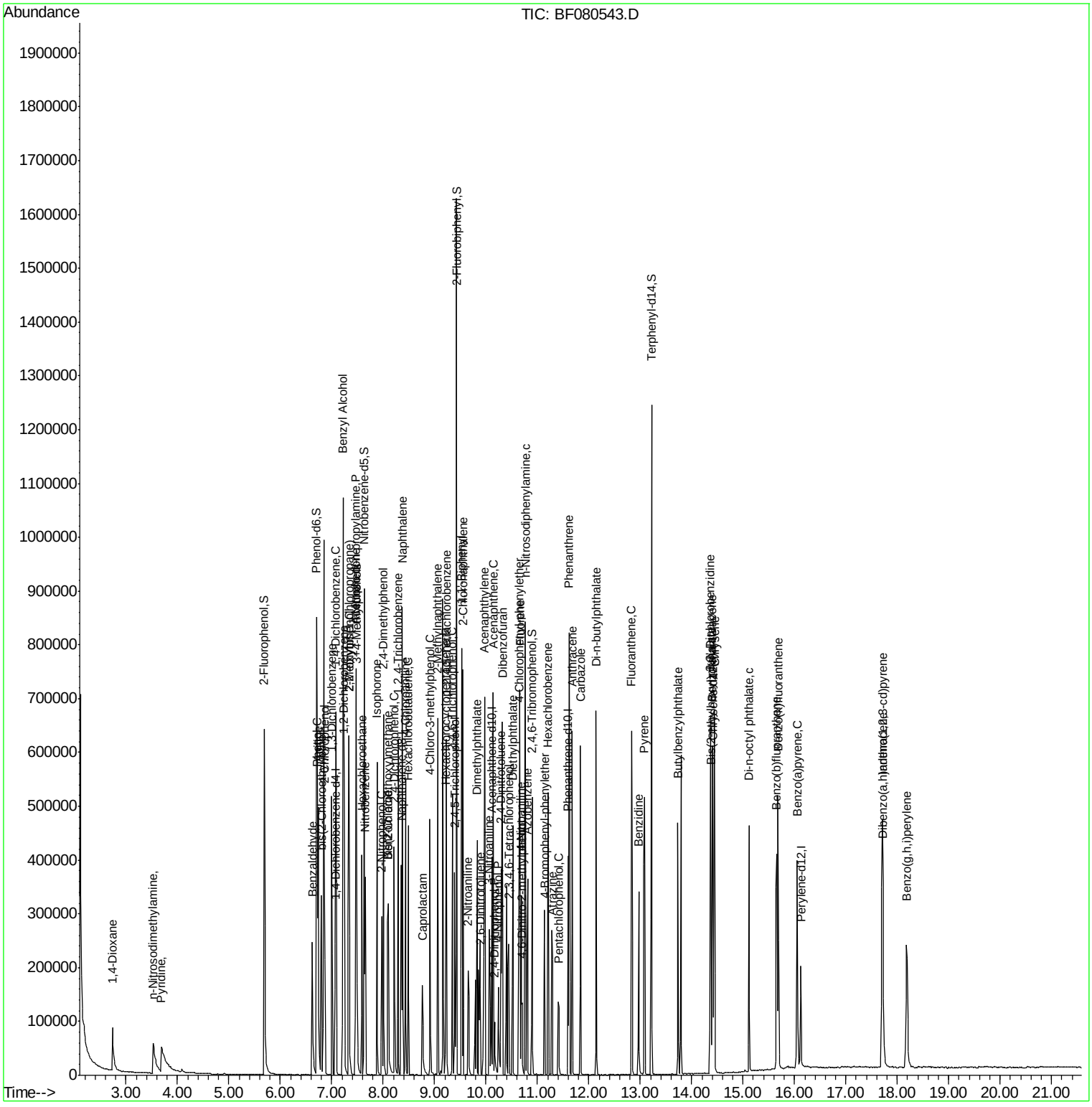
Quantitation Report (QT Reviewed)

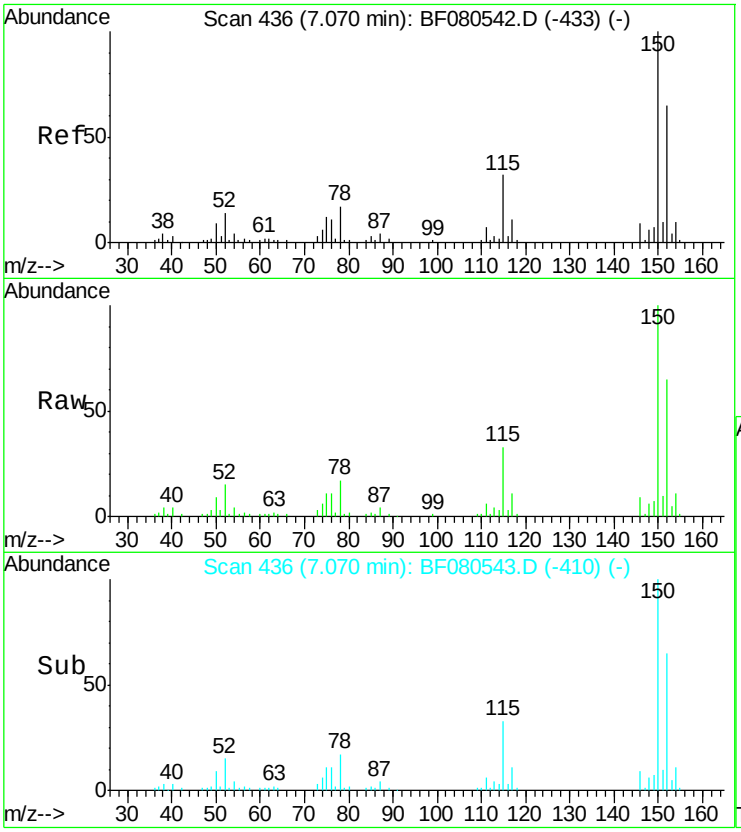
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080543.D
Acq On : 17 Jul 2015 19:57
Operator : TP/UM
Sample : SSTDICV040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 20 14:11:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

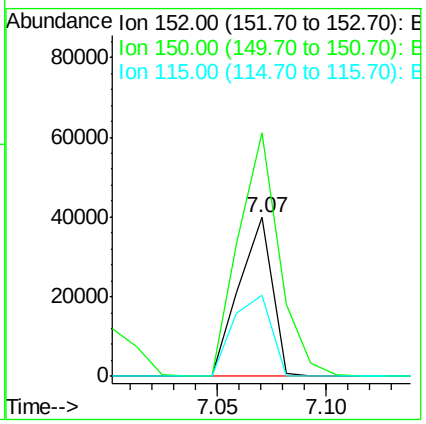




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

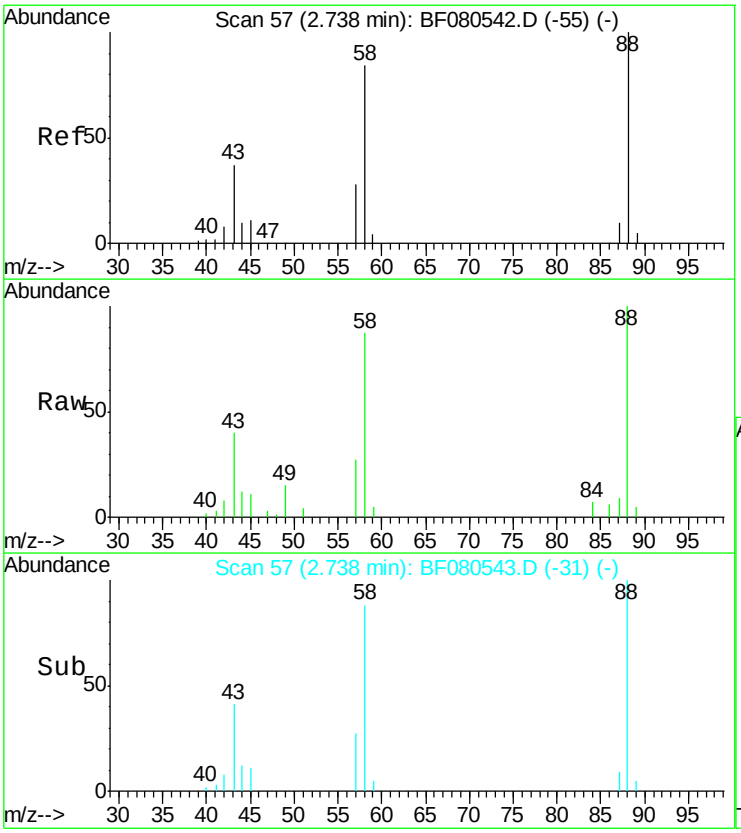
Tgt Ion:152 Resp: 42199

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	50.8	39.9	59.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

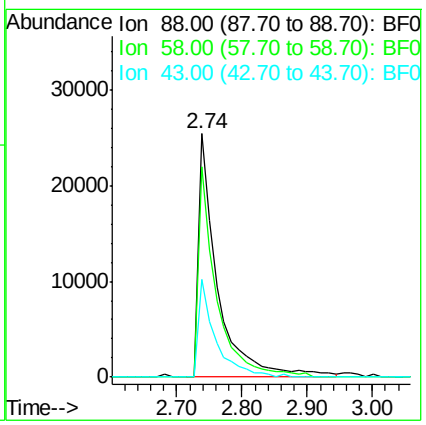
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

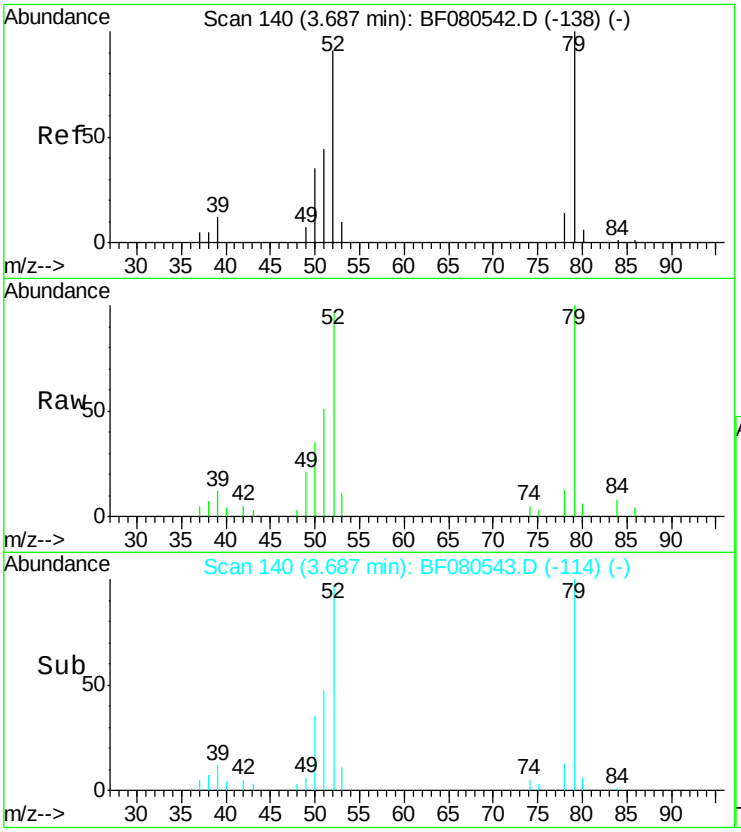


#2
1,4-Dioxane
Concen: 45.24 ng
RT: 2.74 min Scan# 57
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 88 Resp: 51214

Ion	Ratio	Lower	Upper
88	100		
58	81.0	63.4	95.0
43	35.9	27.1	40.7

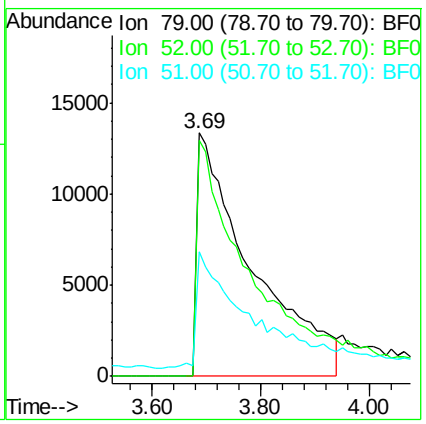




#3
Pyridine
Concen: 43.61 ng
RT: 3.69 min Scan# 140
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

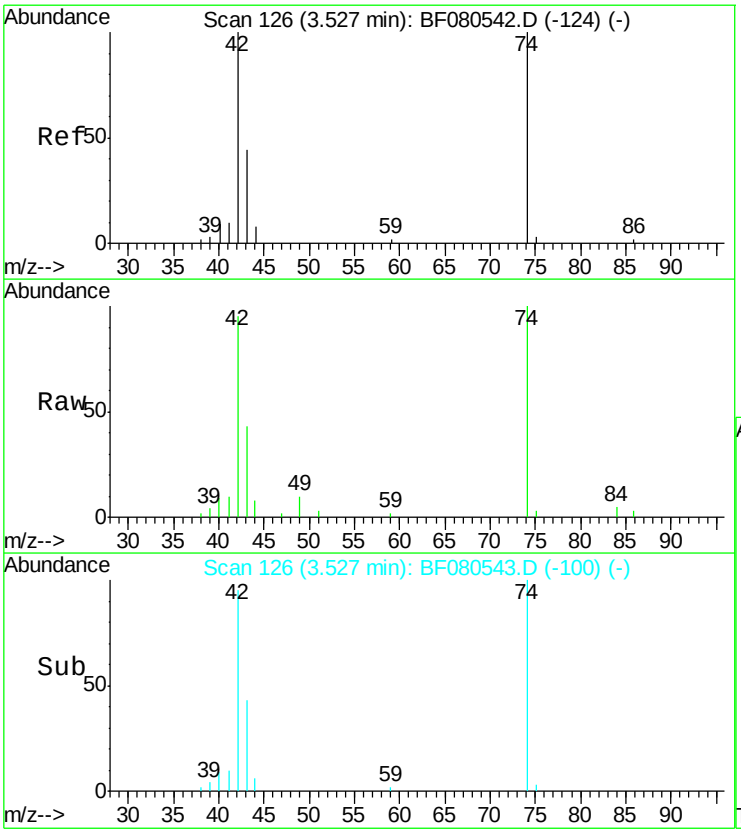
Tgt Ion: 79 Resp: 93232

Ion	Ratio	Lower	Upper
79	100		
52	96.8	72.5	108.7
51	51.2	37.1	55.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

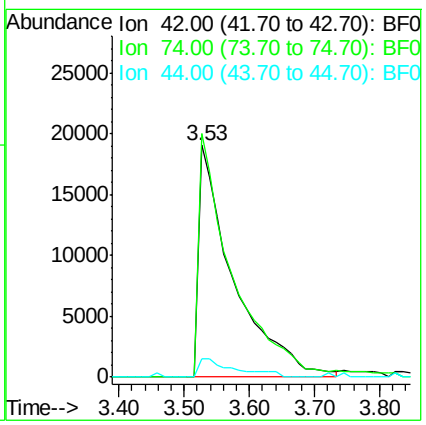
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

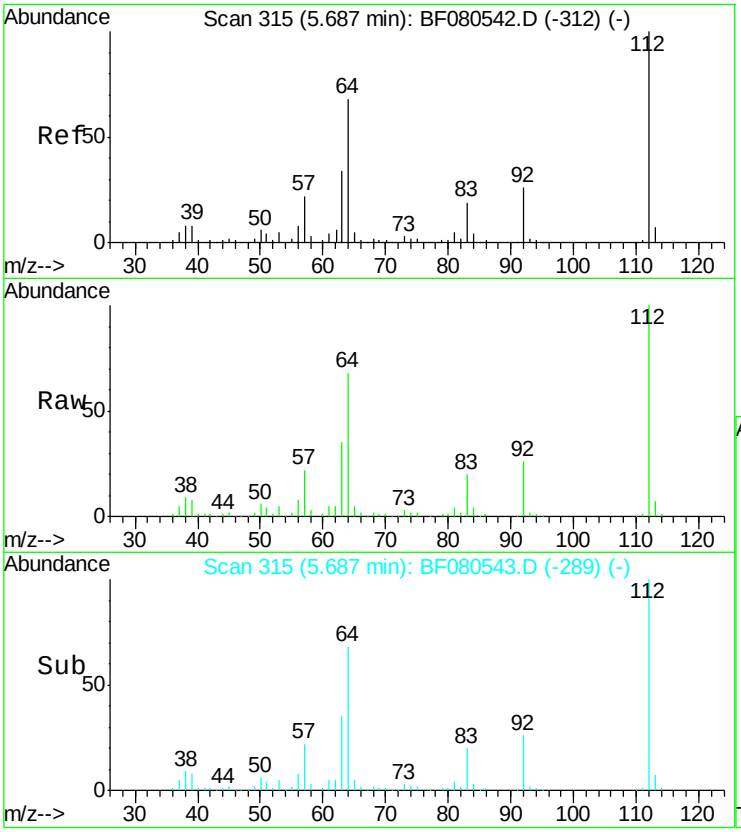


#4
n-Nitrosodimethylamine
Concen: 46.97 ng
RT: 3.53 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 42 Resp: 70094

Ion	Ratio	Lower	Upper
42	100		
74	105.1	79.9	119.9
44	8.0	6.6	9.8

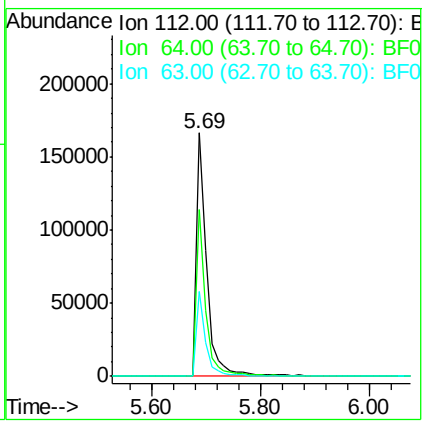




#5
2-Fluorophenol
Concen: 80.08 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

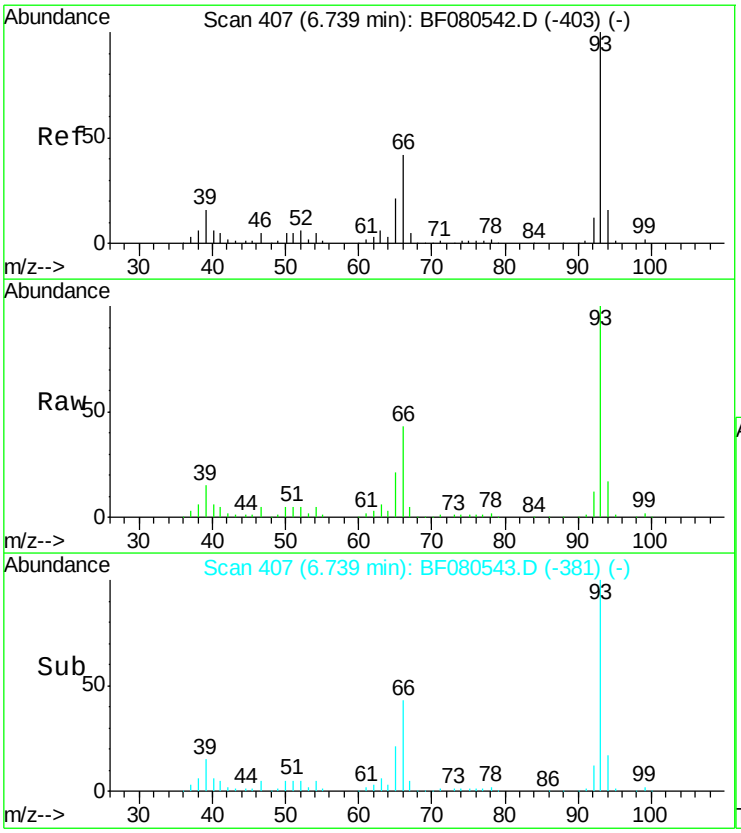
Tgt Ion:112 Resp: 216749

Ion	Ratio	Lower	Upper
112	100		
64	68.4	54.1	81.1
63	35.0	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

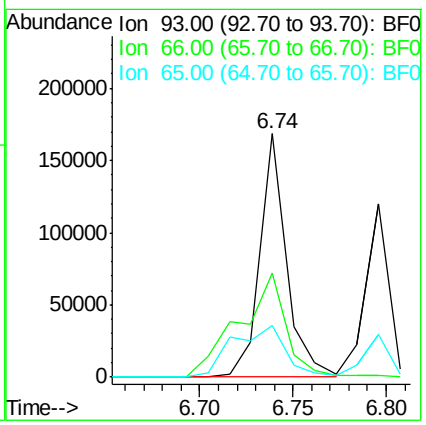
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

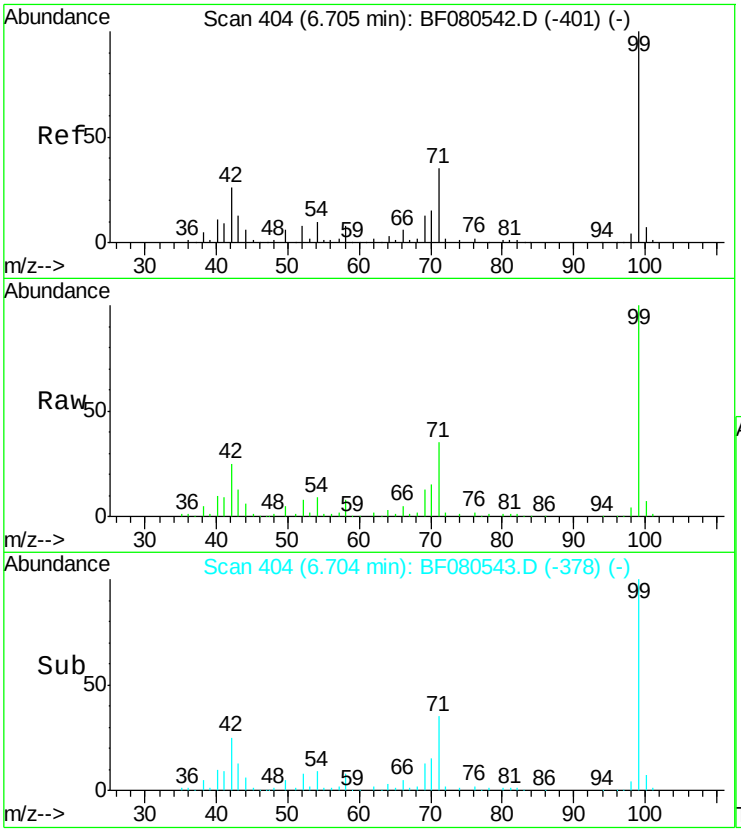


#6
Aniline
Concen: 40.67 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 93 Resp: 165120

Ion	Ratio	Lower	Upper
93	100		
66	42.6	33.3	49.9
65	21.4	16.9	25.3

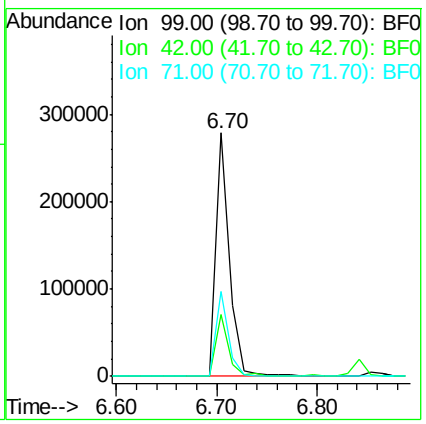




#7
Phenol-d6
Concen: 83.89 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

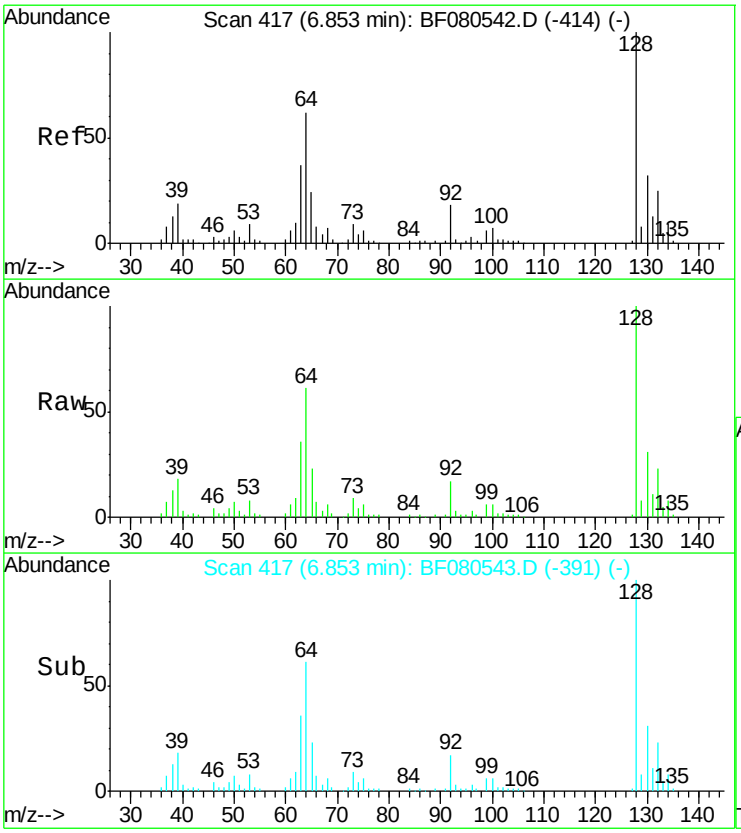
Tgt Ion: 99 Resp: 258403

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.0	31.4
71	34.8	28.4	42.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

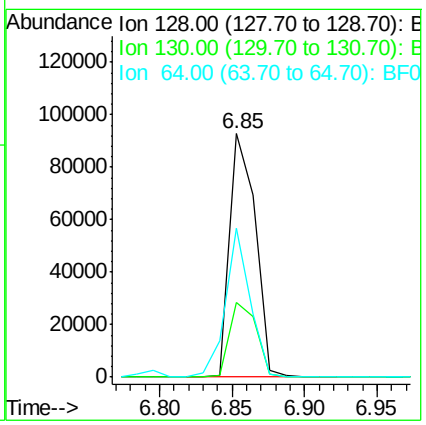
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

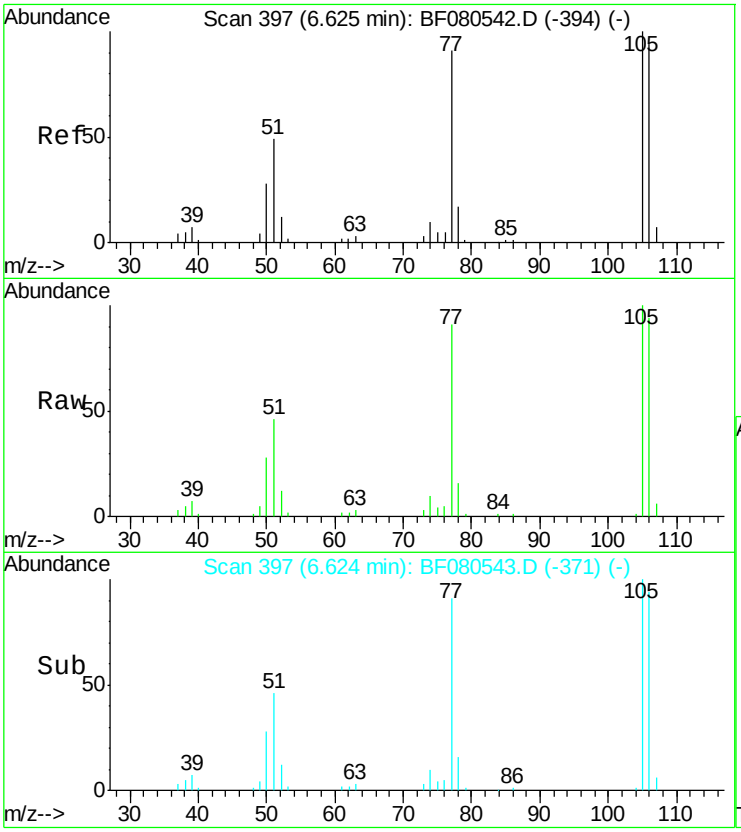


#8
2-Chlorophenol
Concen: 40.52 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:128 Resp: 114432

Ion	Ratio	Lower	Upper
128	100		
130	30.8	11.7	51.7
64	61.0	41.6	81.6

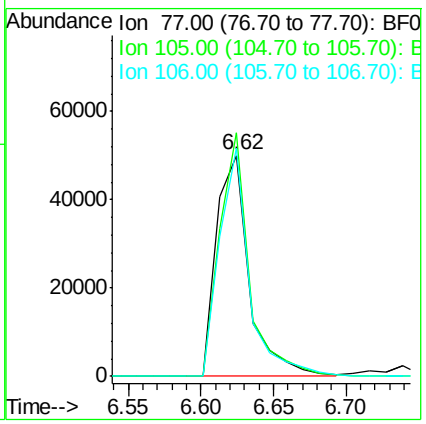




#9
Benzaldehyde
Concen: 45.23 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

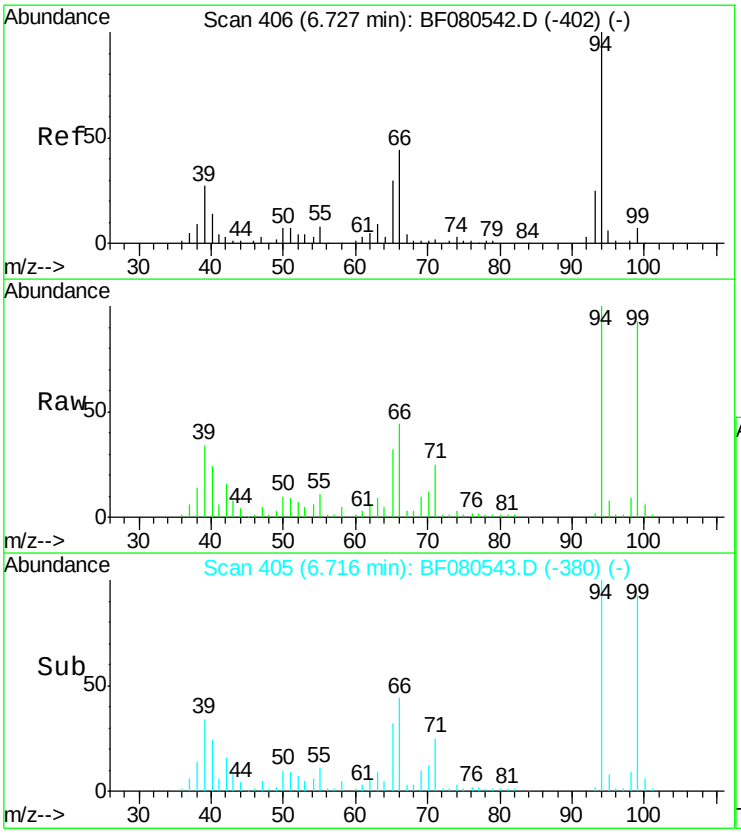
Tgt Ion: 77 Resp: 78685

Ion	Ratio	Lower	Upper
77	100		
105	110.4	90.0	130.0
106	103.3	83.5	123.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

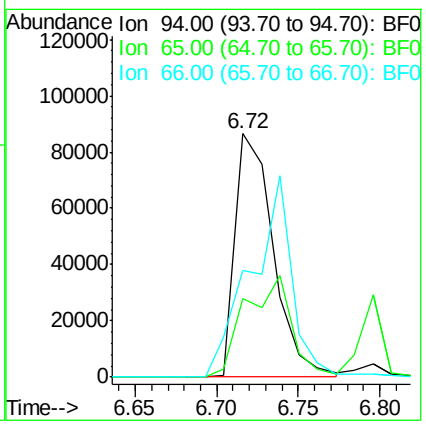
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

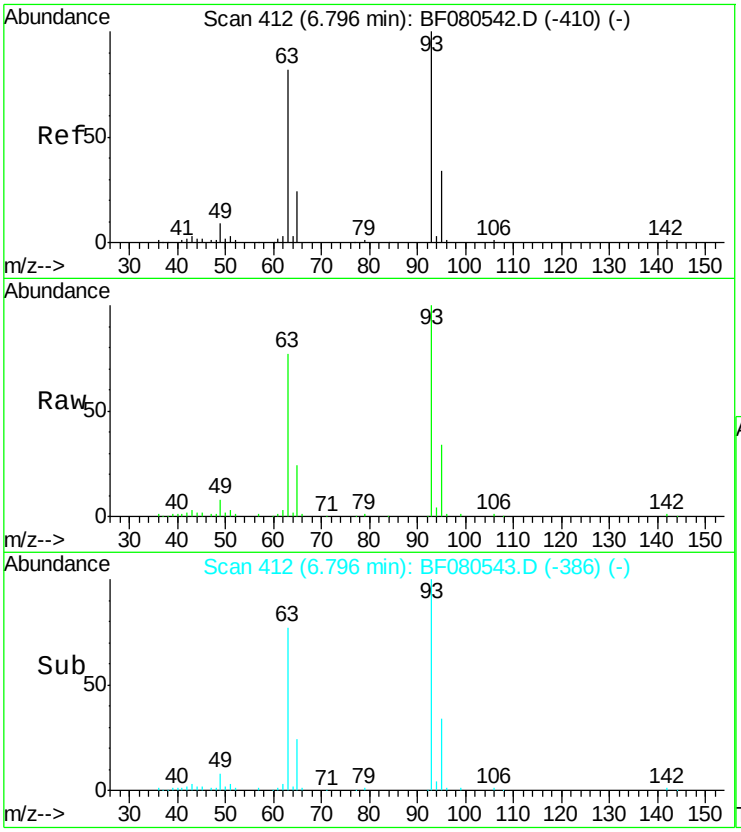


#10
Phenol
Concen: 39.22 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 94 Resp: 139717

Ion	Ratio	Lower	Upper
94	100		
65	32.5	10.4	50.4
66	44.0	24.2	64.2

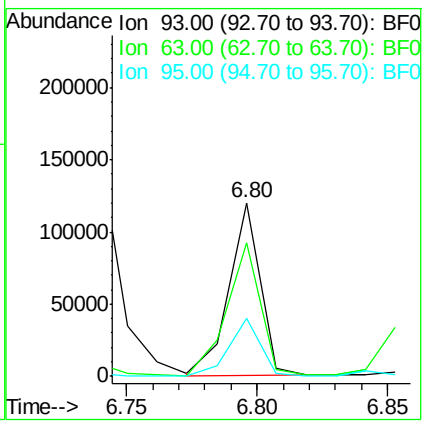




#11
bis(2-Chloroethyl)ether
Concen: 37.60 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

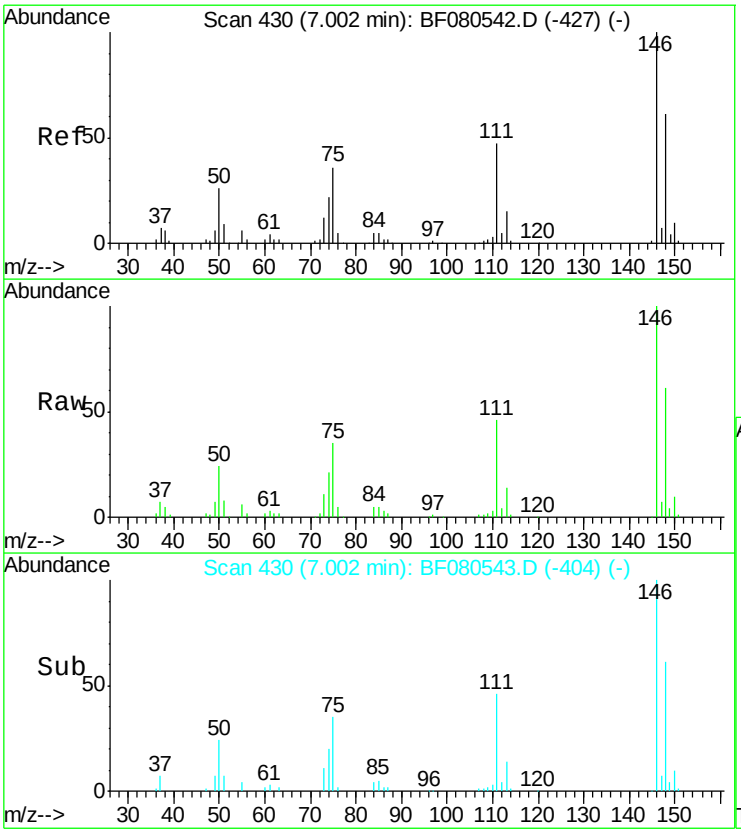
Tgt Ion: 93 Resp: 101229

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.3	100.3
95	33.6	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

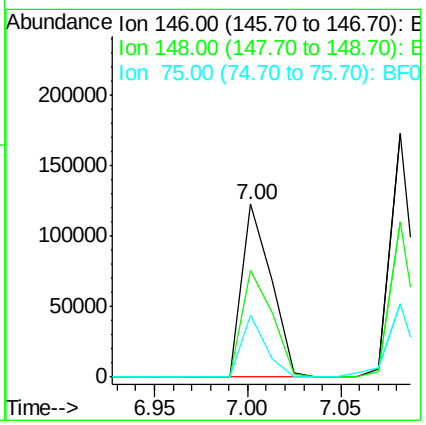
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

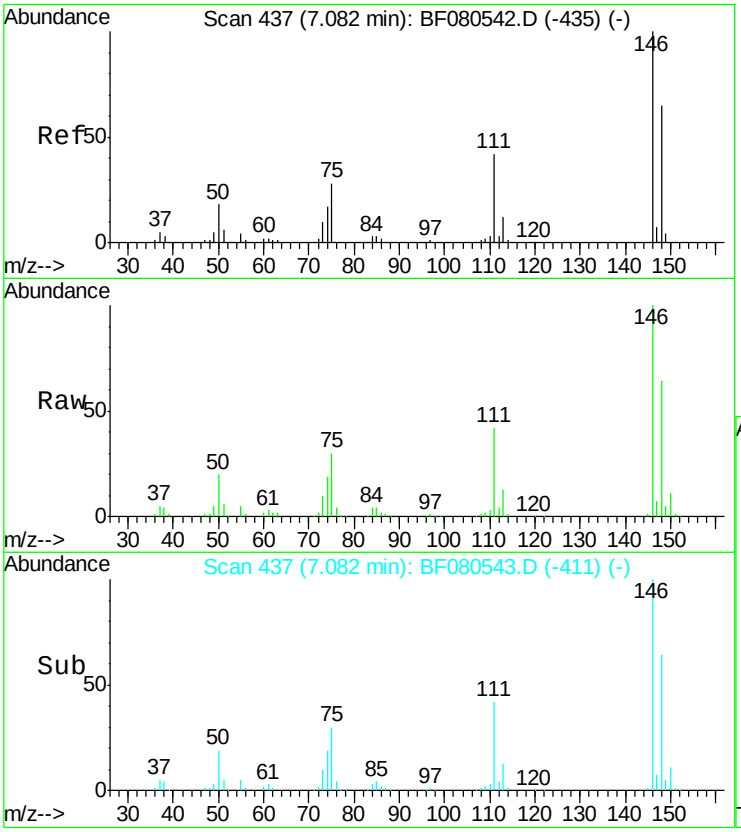


#12
1,3-Dichlorobenzene
Concen: 41.93 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:146 Resp: 133290

Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.2	73.8
75	35.5	29.1	43.7

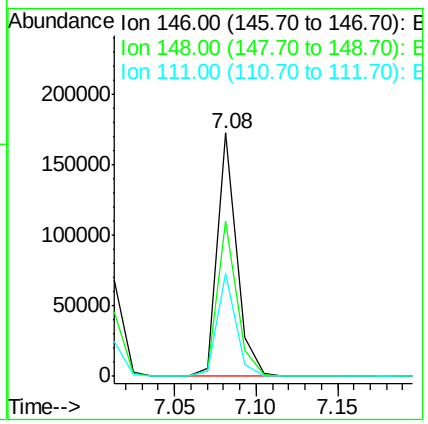




#13
1,4-Dichlorobenzene
Concen: 40.81 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

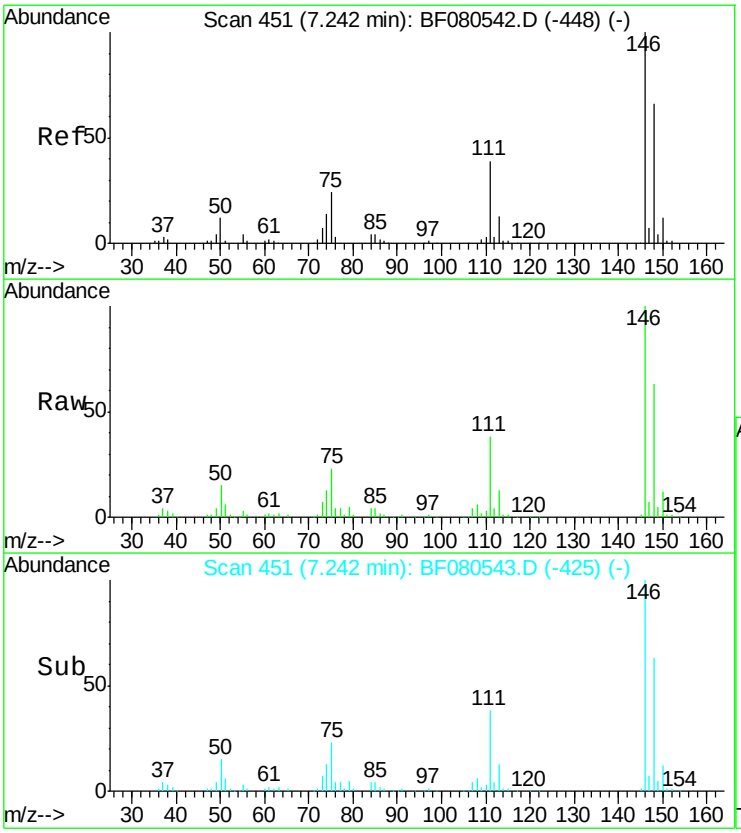
Tgt Ion:146 Resp: 142868

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	42.0	33.4	50.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

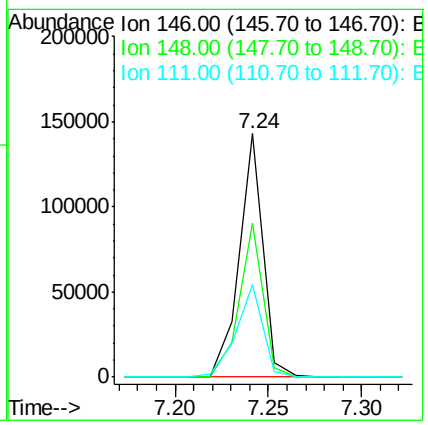
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

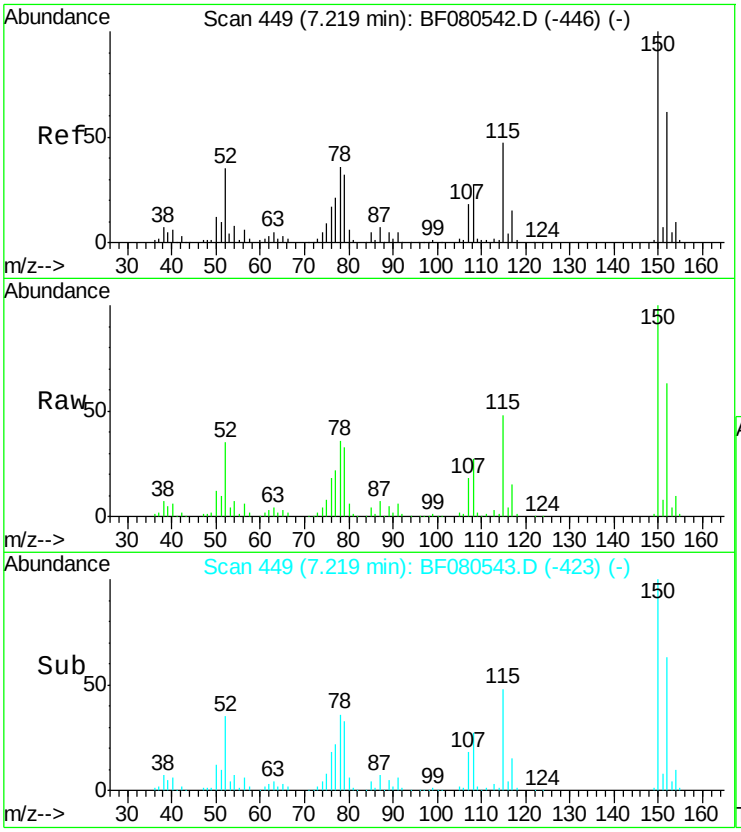


#14
1,2-Dichlorobenzene
Concen: 39.45 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:146 Resp: 127010

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.5	78.7
111	38.0	31.5	47.3

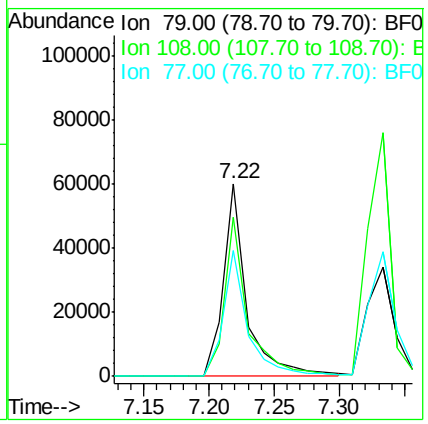




#15
Benzyl Alcohol
Concen: 38.61 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

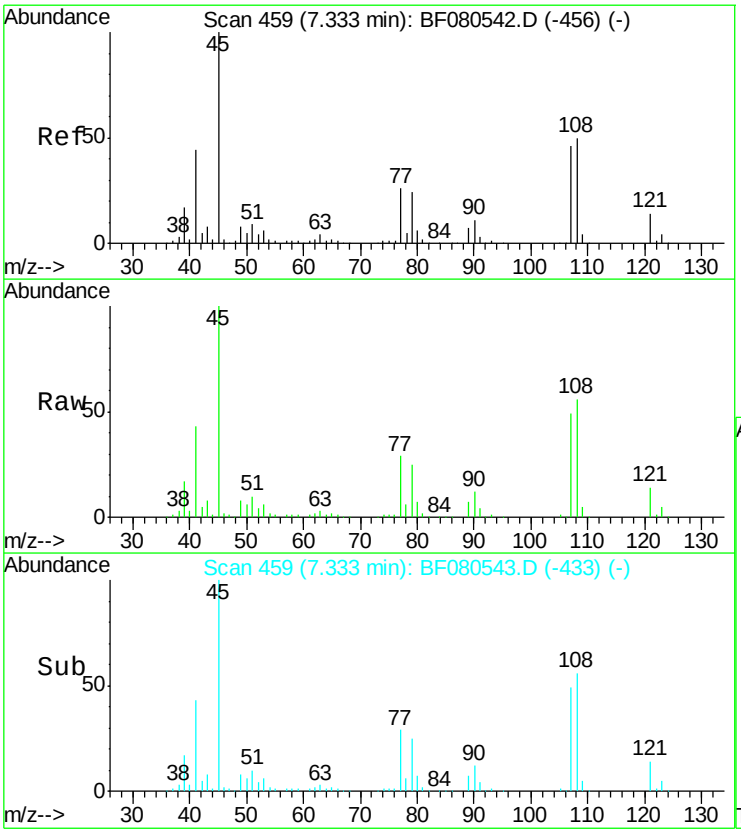
Tgt Ion: 79 Resp: 75921

Ion	Ratio	Lower	Upper
79	100		
108	82.8	67.8	101.6
77	65.5	52.9	79.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

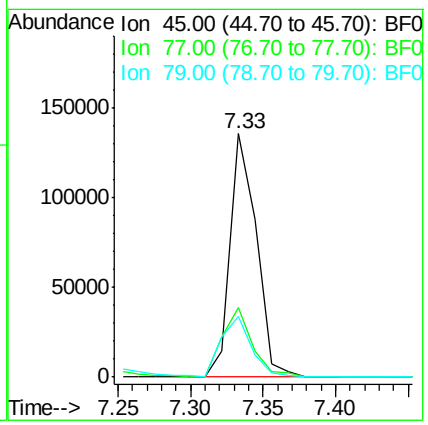
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

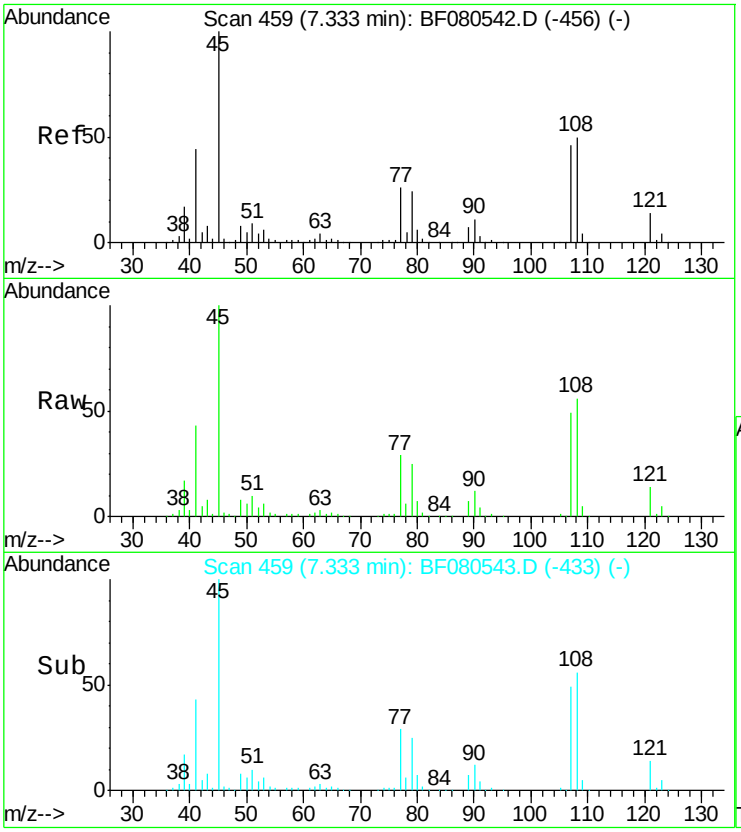


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.34 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 45 Resp: 171049

Ion	Ratio	Lower	Upper
45	100		
77	28.6	6.6	46.6
79	25.0	4.0	44.0

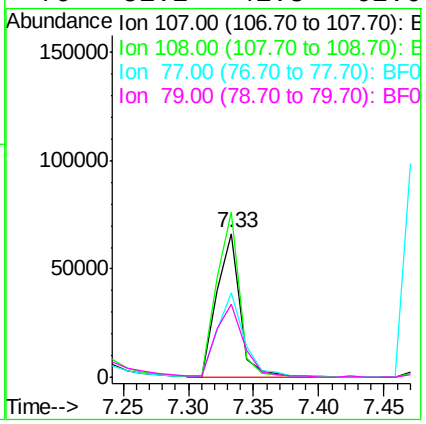




#17
2-Methylphenol
Concen: 38.53 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

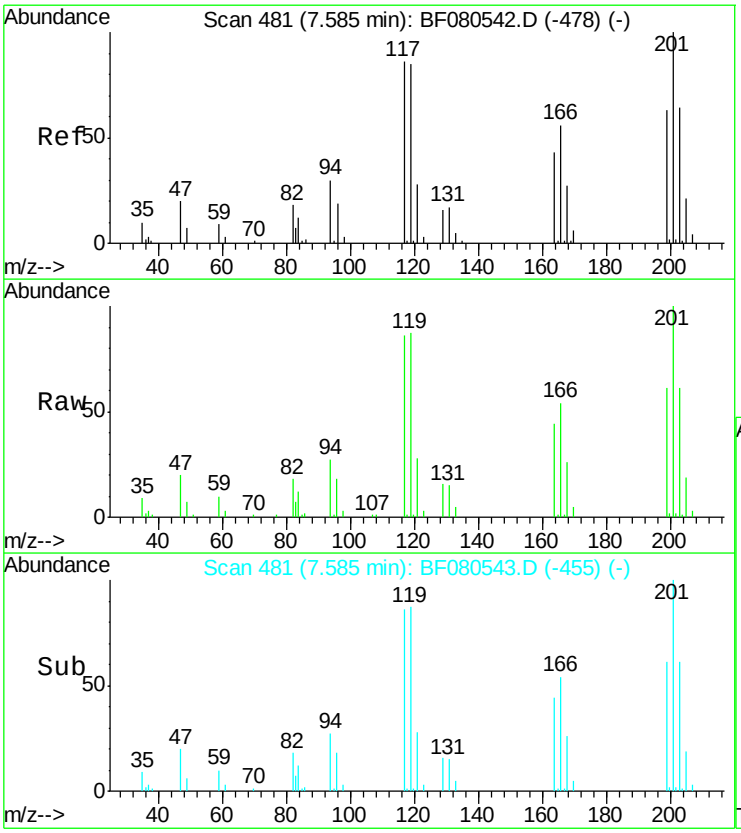
Tgt Ion:107 Resp: 83000

Ion	Ratio	Lower	Upper
107	100		
108	114.5	86.8	130.2
77	58.4	46.2	69.4
79	51.2	41.8	62.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

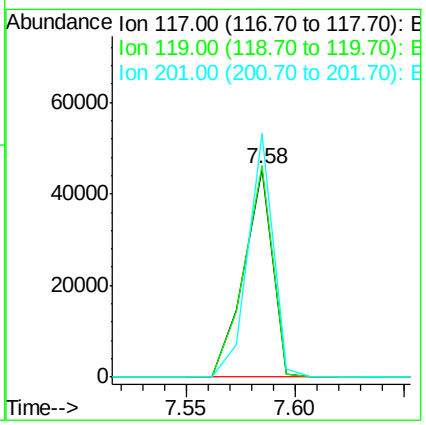
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

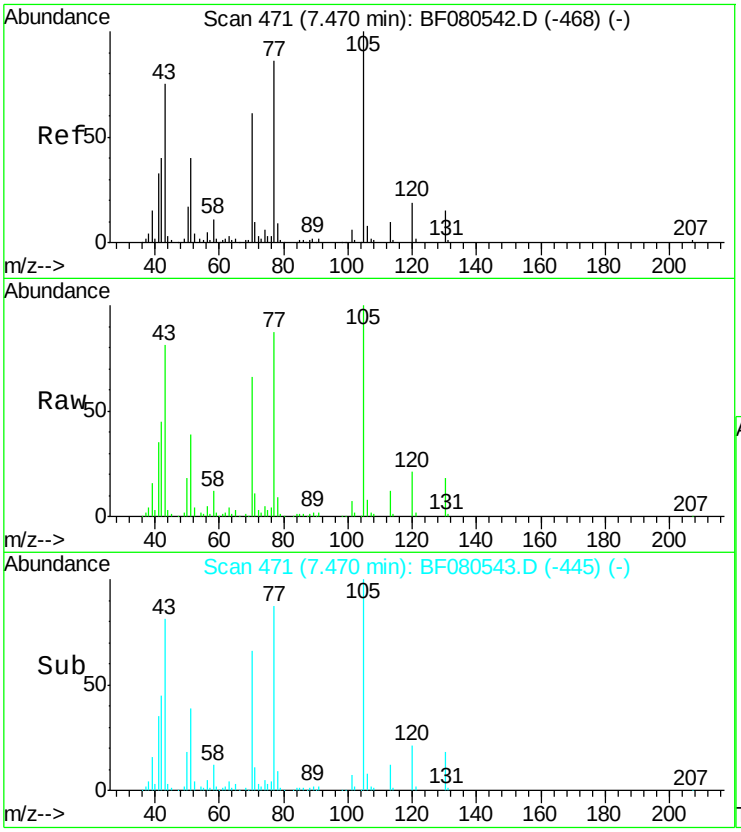


#18
Hexachloroethane
Concen: 37.29 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:117 Resp: 41839

Ion	Ratio	Lower	Upper
117	100		
119	101.5	79.1	118.7
201	116.9	92.7	139.1

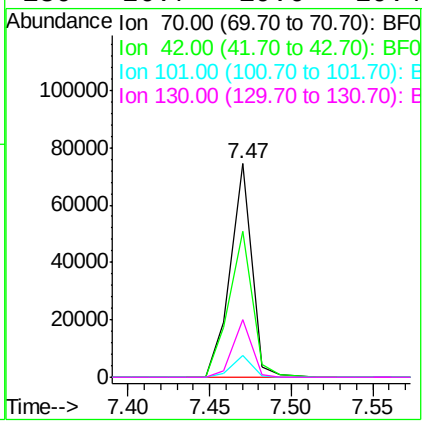




#19
n-Nitroso-di-n-propylamine
Concen: 39.04 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

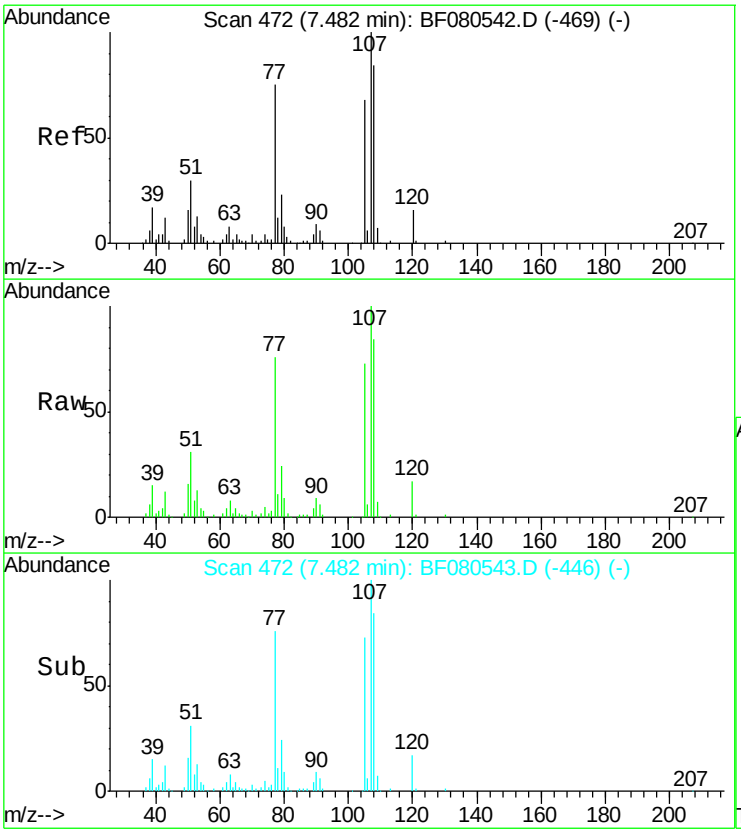
Tgt Ion: 70 Resp: 67580

Ion	Ratio	Lower	Upper
70	100		
42	68.0	52.6	78.8
101	10.5	8.3	12.5
130	26.7	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

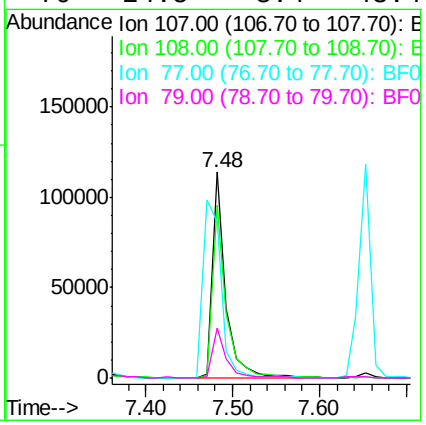
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

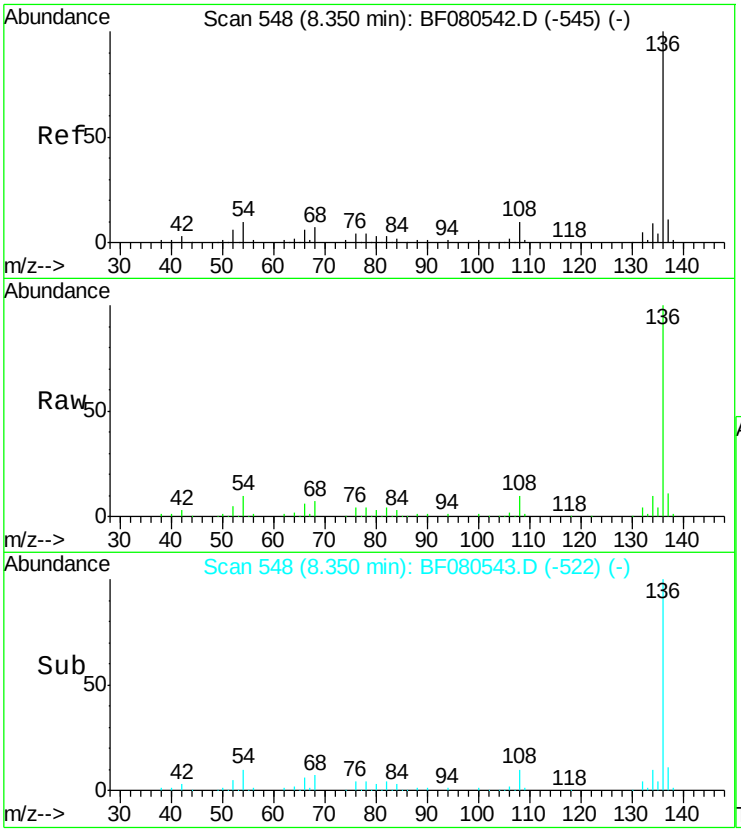


#20
3+4-Methylphenols
Concen: 39.74 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:107 Resp: 123582

Ion	Ratio	Lower	Upper
107	100		
108	83.9	64.0	104.0
77	76.0	55.4	95.4
79	24.5	3.4	43.4

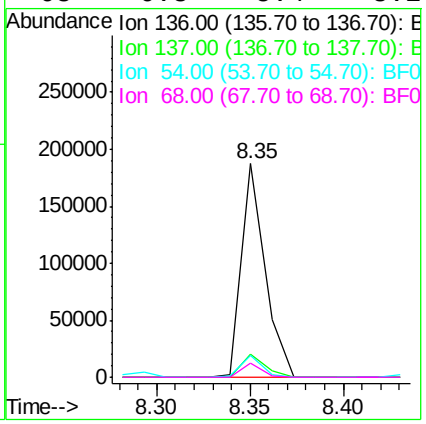




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

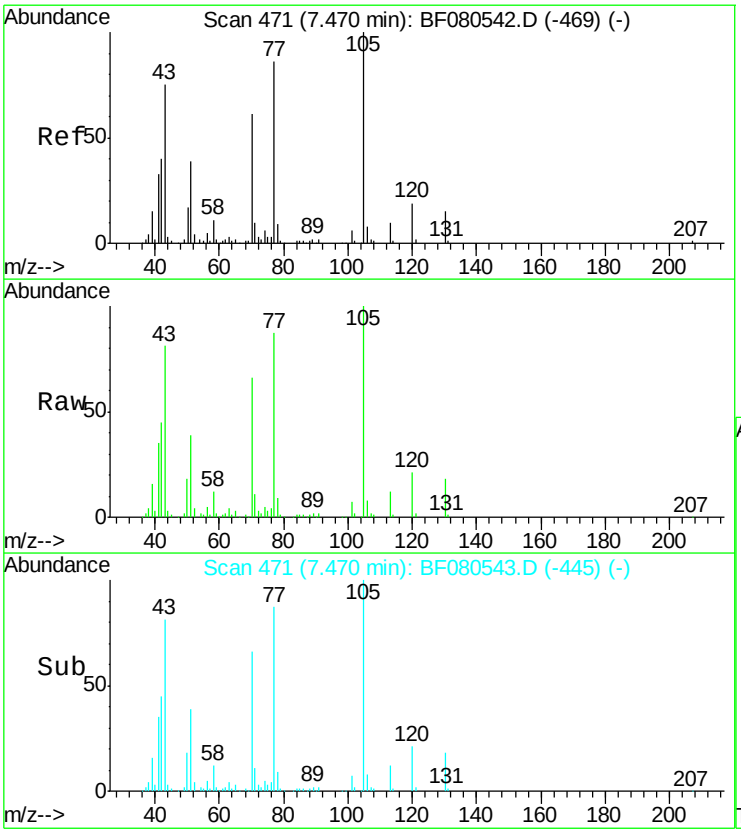
Tgt Ion:136 Resp: 164672

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.4	8.3	12.5
68	6.8	5.4	8.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

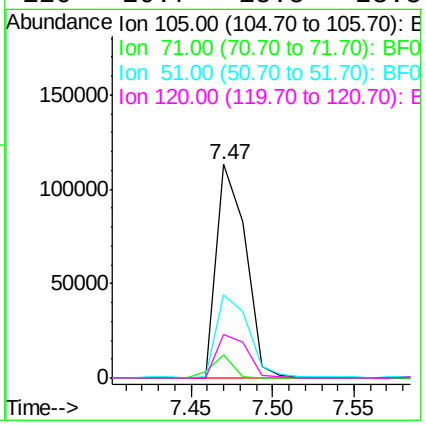
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

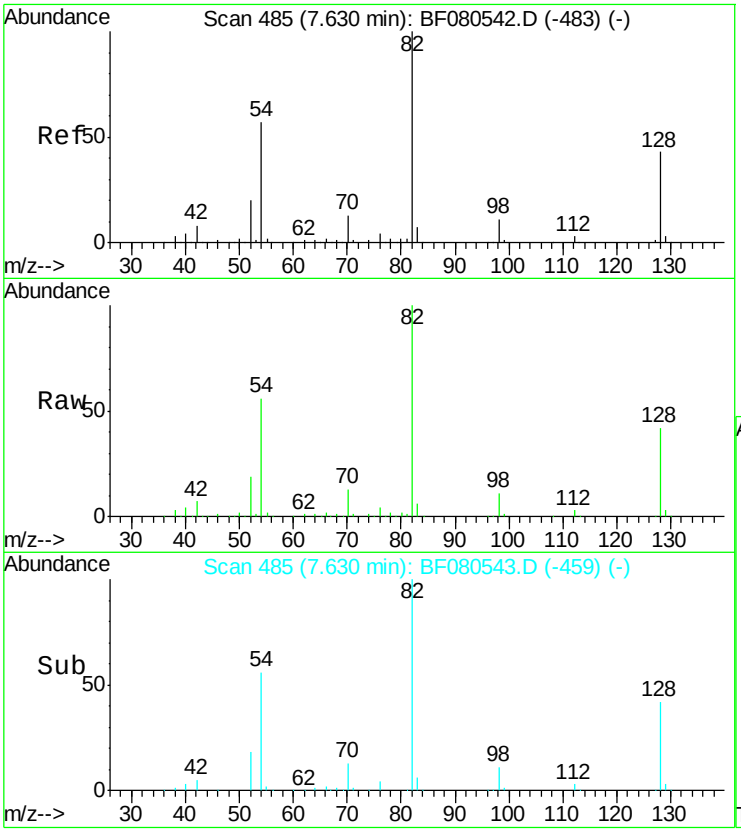


#22
Acetophenone
Concen: 39.68 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:105 Resp: 140259

Ion	Ratio	Lower	Upper
105	100		
71	10.7	8.3	12.5
51	38.9	31.6	47.4
120	20.7	15.5	23.3

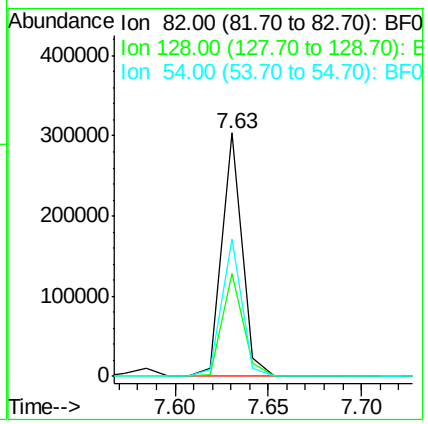




#23
Nitrobenzene-d5
Concen: 89.59 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

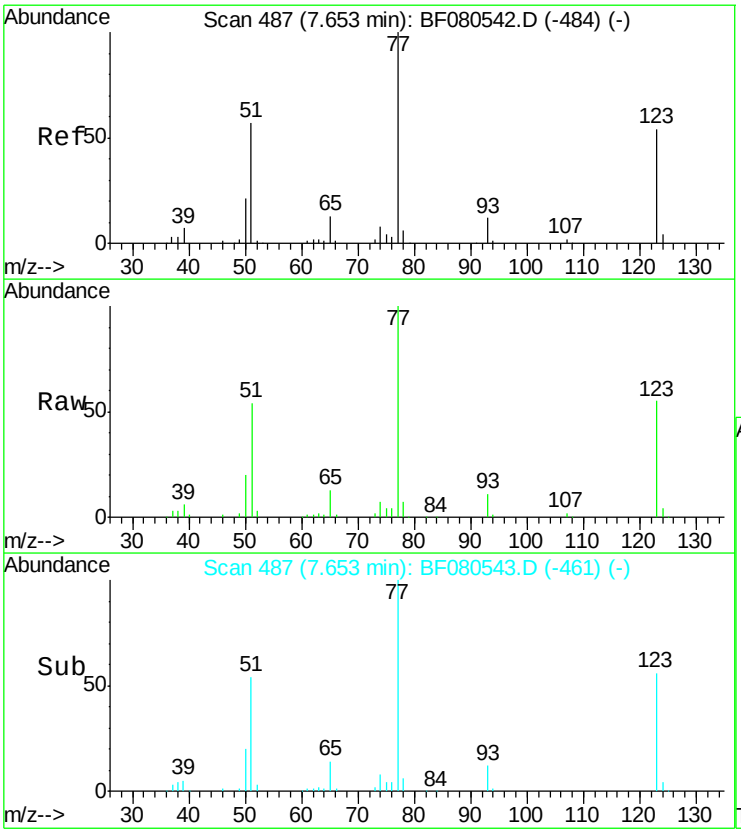
Tgt Ion: 82 Resp: 231376

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	56.5	45.8	68.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

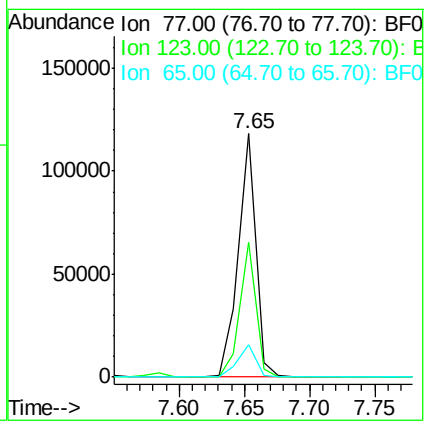
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

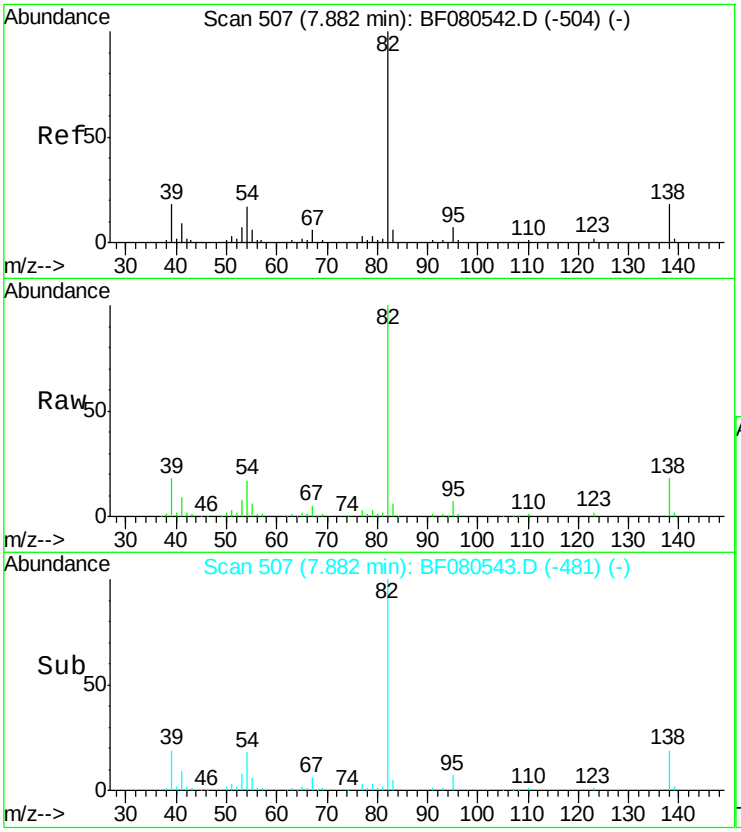


#24
Nitrobenzene
Concen: 37.92 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 77 Resp: 110674

Ion	Ratio	Lower	Upper
77	100		
123	55.2	42.9	64.3
65	13.4	10.7	16.1

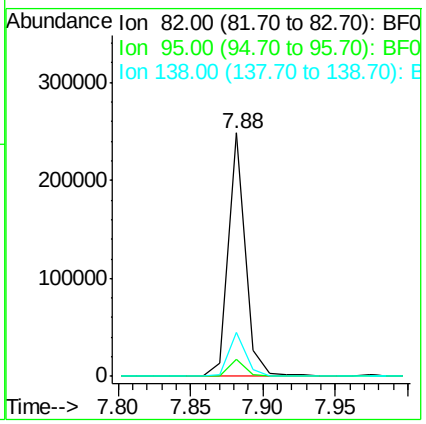




#25
Isophorone
Concen: 40.95 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

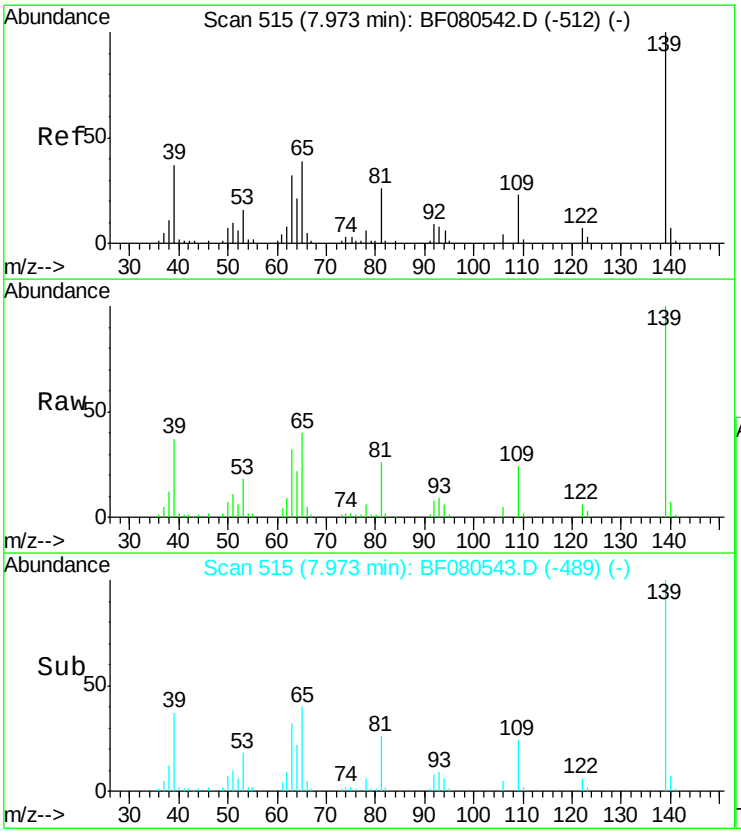
Tgt Ion: 82 Resp: 201865

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

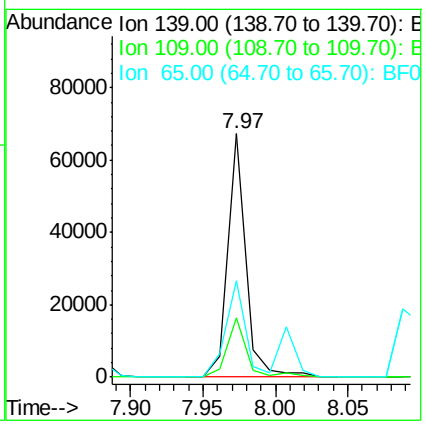
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

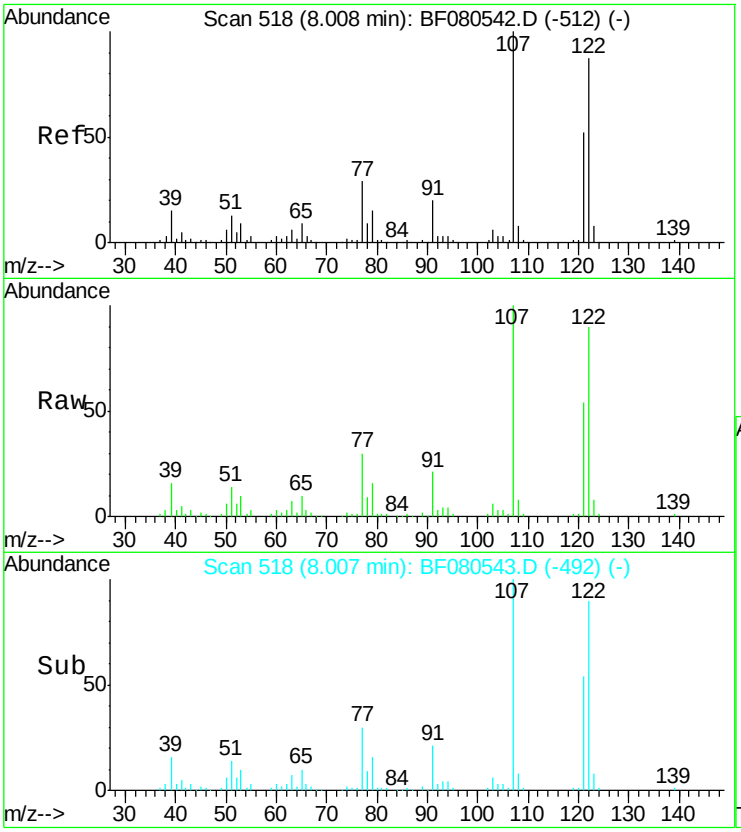


#26
2-Nitrophenol
Concen: 40.55 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:139 Resp: 58075

Ion	Ratio	Lower	Upper
139	100		
109	24.2	18.3	27.5
65	39.7	31.0	46.6

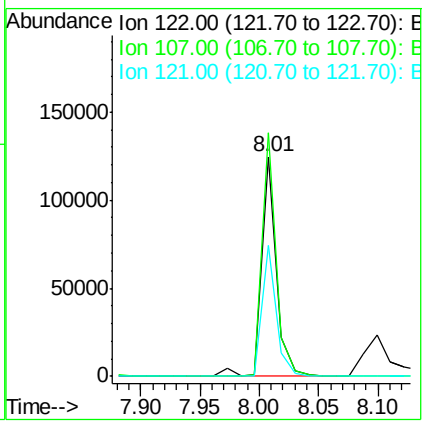




#27
2,4-Dimethylphenol
Concen: 44.12 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

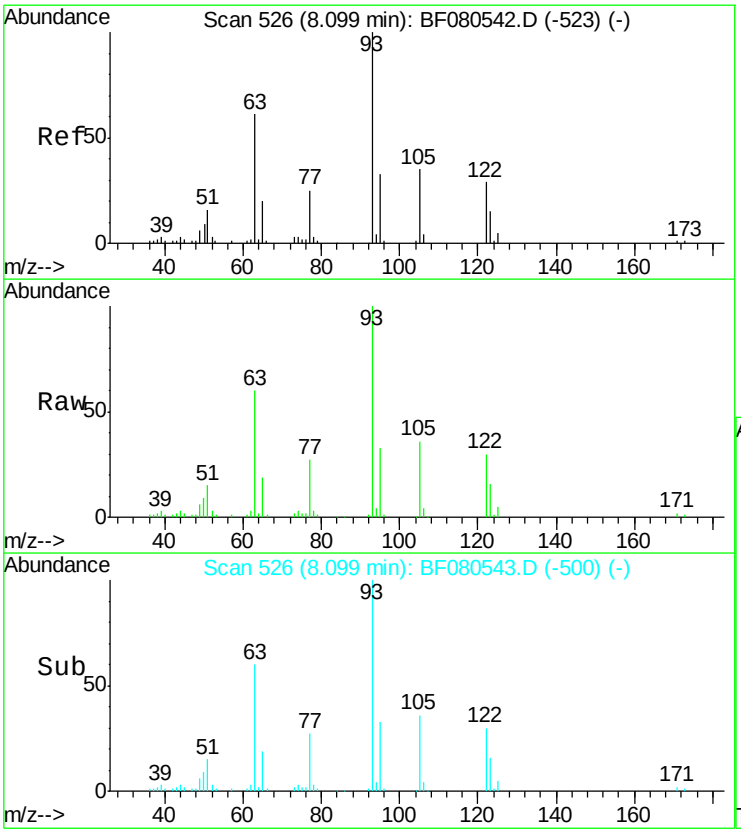
Tgt Ion:122 Resp: 108213

Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.6	137.4
121	59.5	47.4	71.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

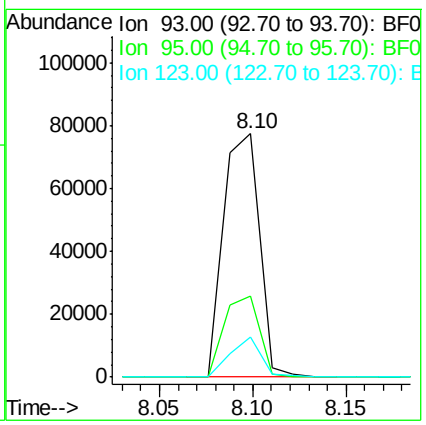
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

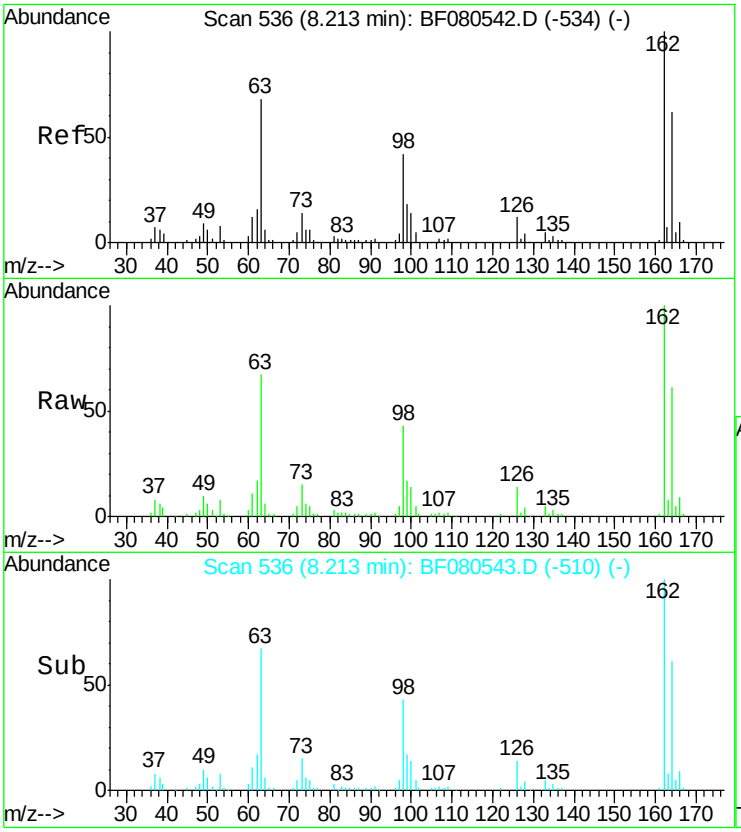


#28
bis(2-Chloroethoxy)methane
Concen: 38.33 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 93 Resp: 104640

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	16.4	12.2	18.4

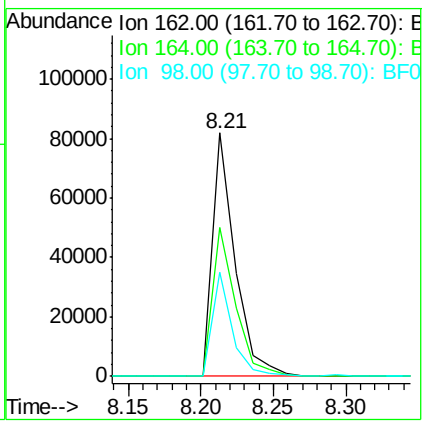




#29
2,4-Dichlorophenol
Concen: 42.47 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

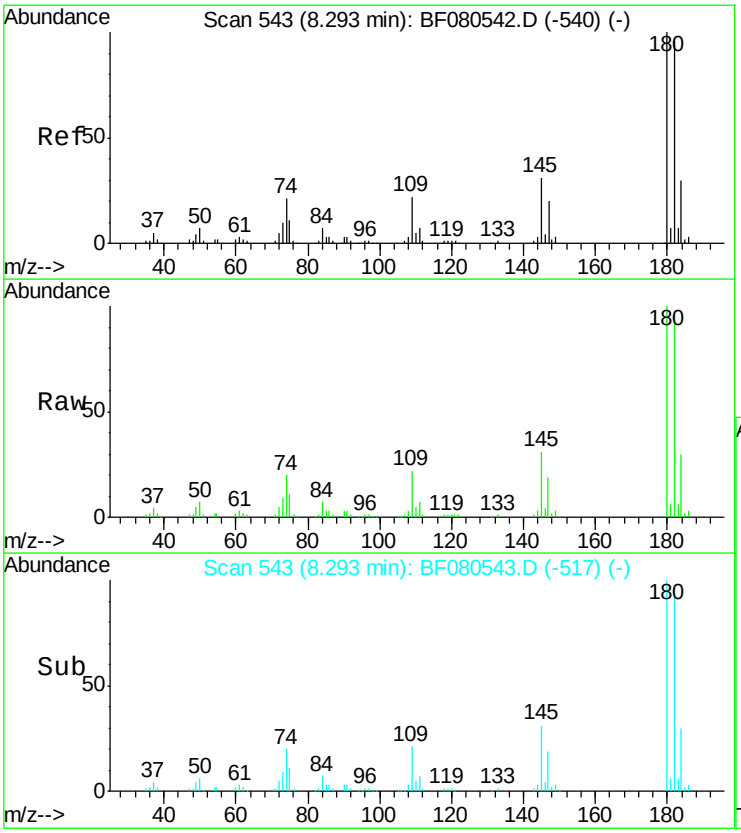
Tgt Ion:162 Resp: 88209

Ion	Ratio	Lower	Upper
162	100		
164	61.4	41.6	81.6
98	42.5	21.9	61.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

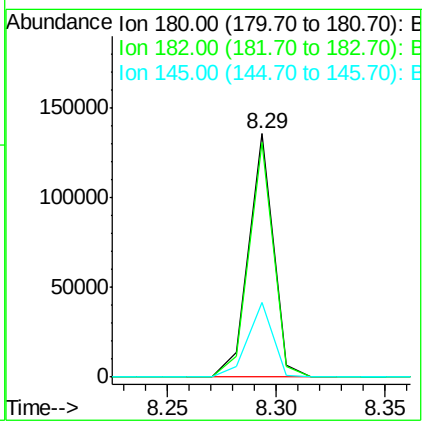
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

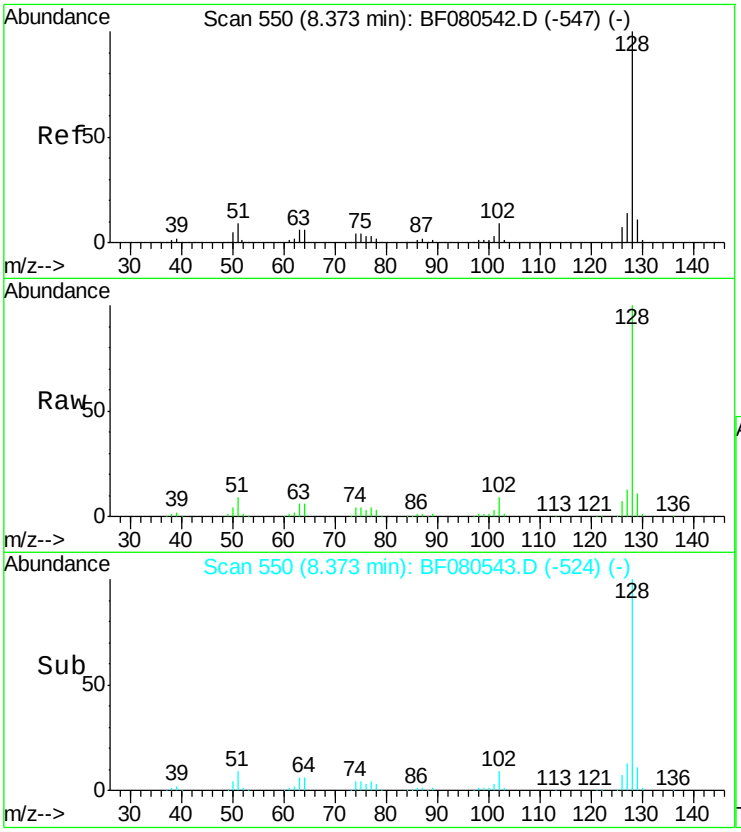


#30
1,2,4-Trichlorobenzene
Concen: 40.25 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:180 Resp: 106859

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
145	30.8	24.5	36.7

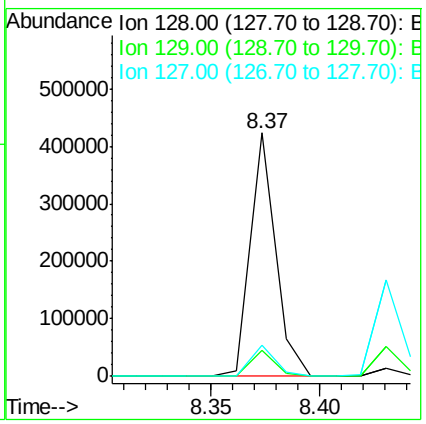




#31
Naphthalene
Concen: 42.18 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

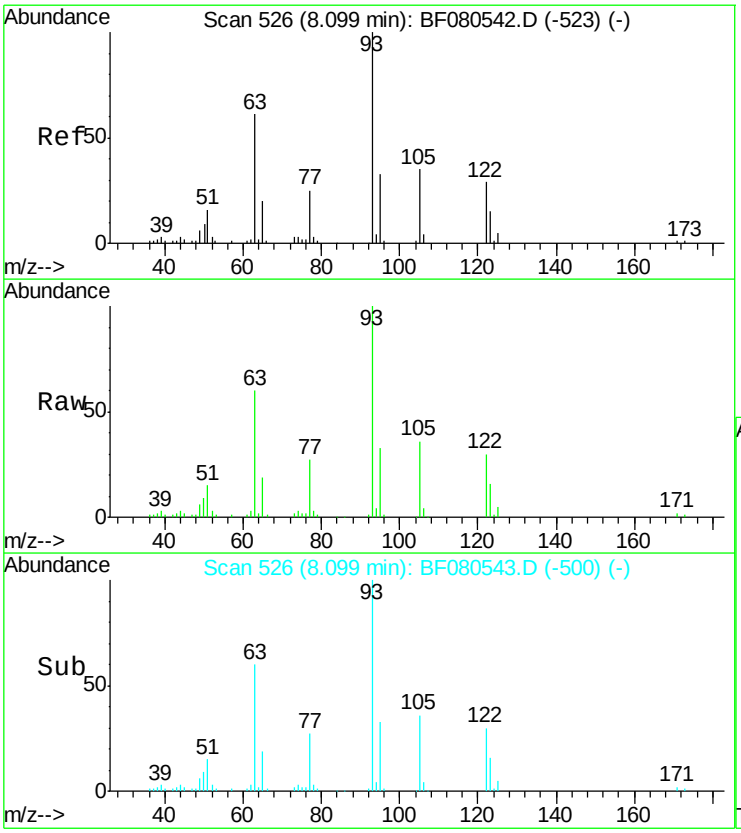
Tgt Ion:128 Resp: 343782

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

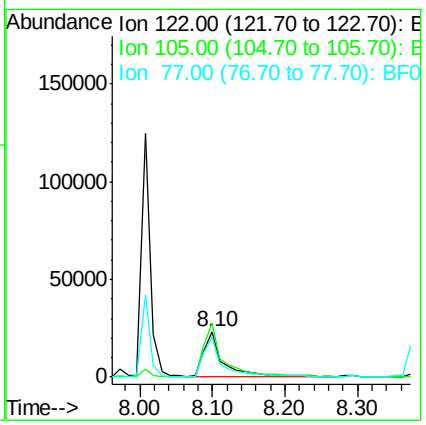
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

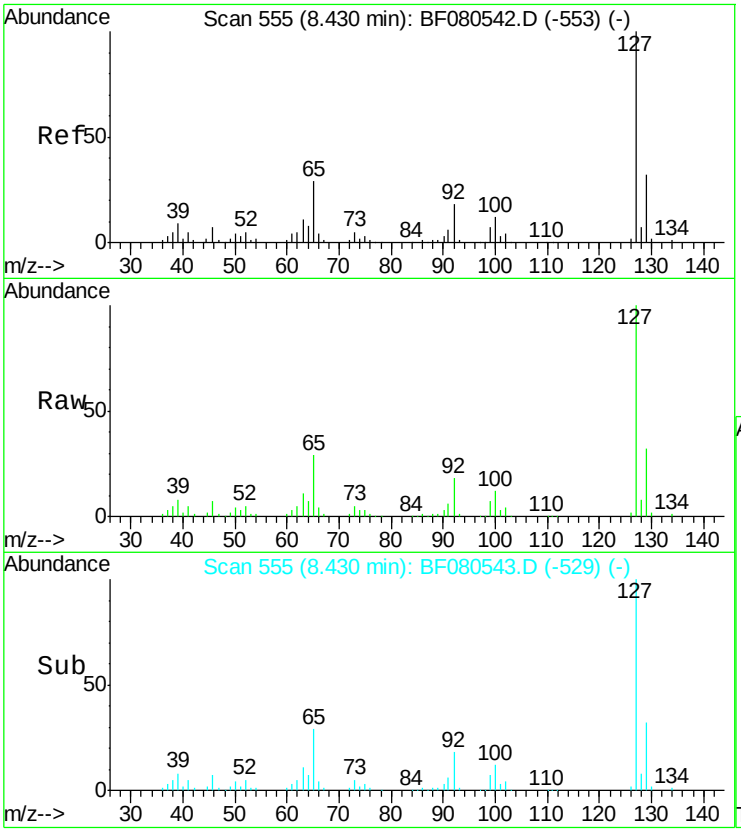


#32
Benzoic acid
Concen: 39.65 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:122 Resp: 42052

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.3	141.3
77	88.7	64.1	104.1

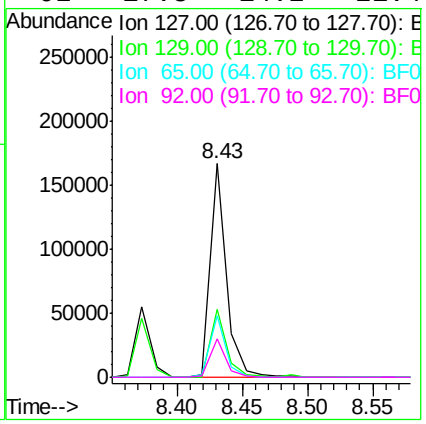




#33
4-Chloroaniline
Concen: 44.72 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

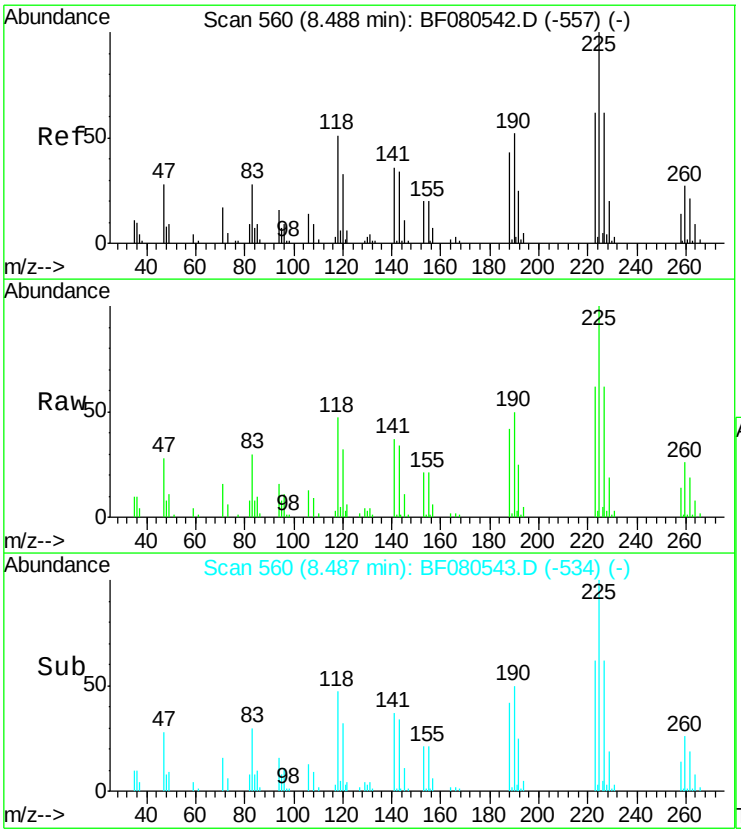
Tgt Ion:127 Resp: 145210

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	29.0	23.5	35.3
92	17.8	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

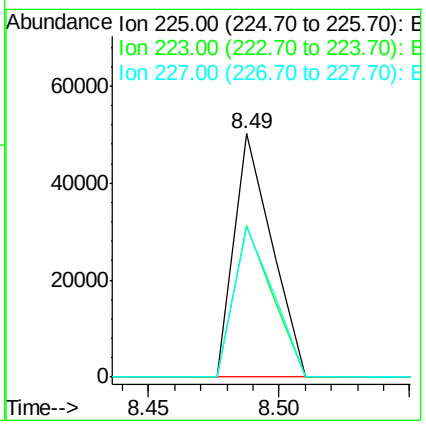
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

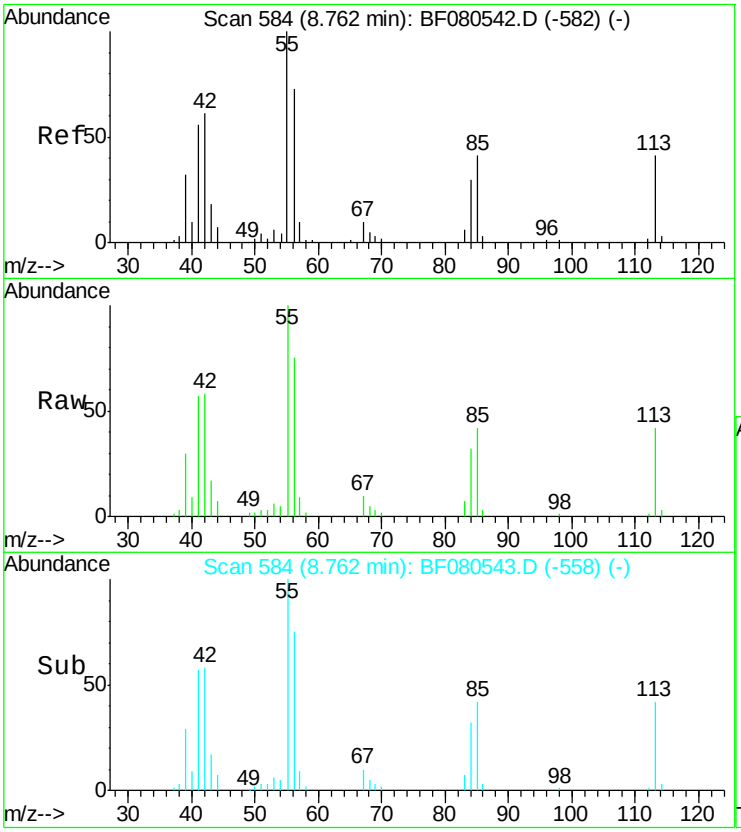


#34
Hexachlorobutadiene
Concen: 41.11 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:225 Resp: 50897

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	61.5	49.3	73.9

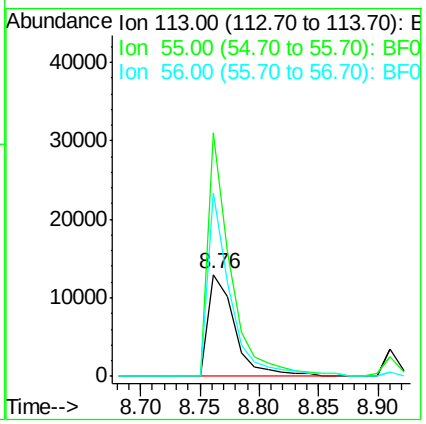




#35
Caprolactam
Concen: 41.63 ng
RT: 8.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

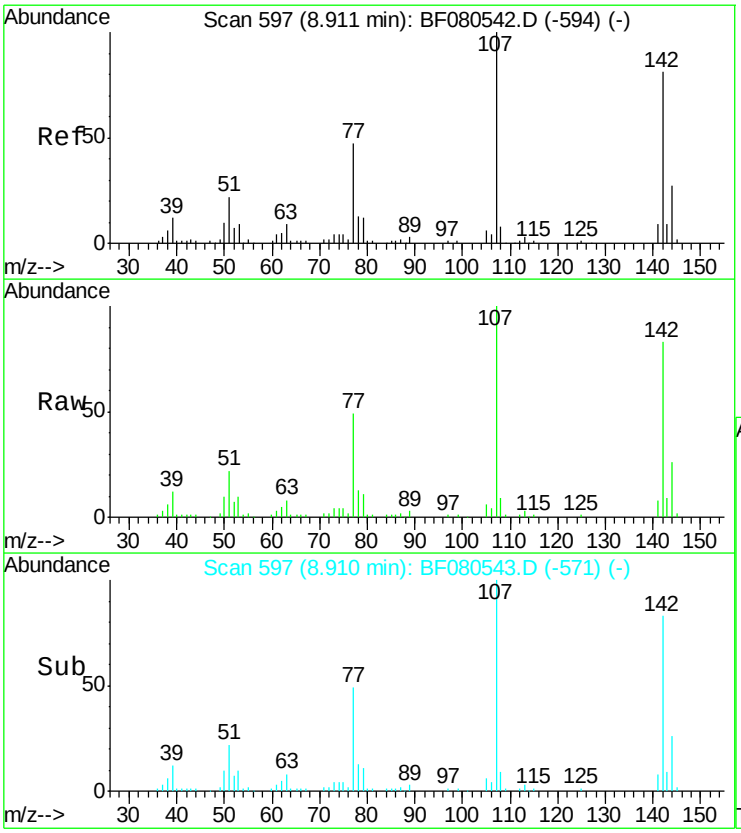
Tgt Ion:113 Resp: 20215

Ion	Ratio	Lower	Upper
113	100		
55	239.7	225.3	265.3
56	180.3	159.9	199.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

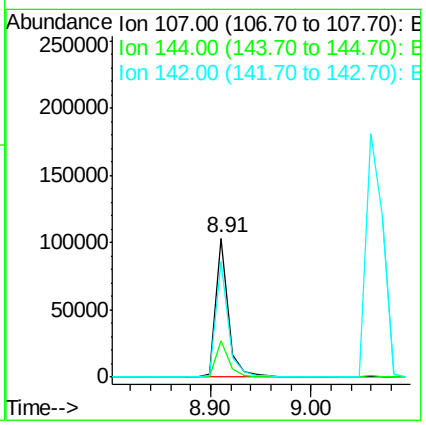
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

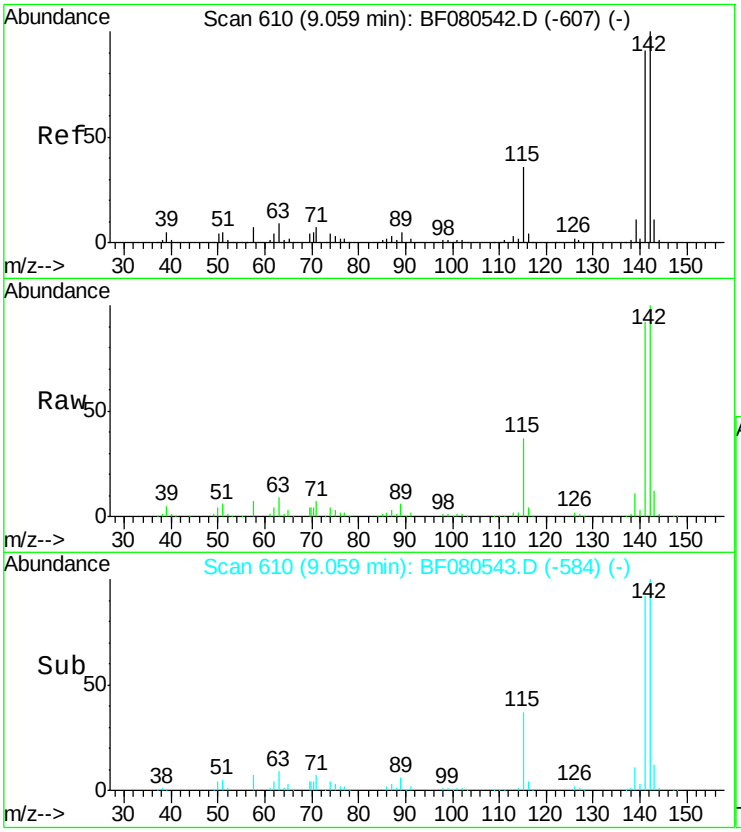


#36
4-Chloro-3-methylphenol
Concen: 41.90 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:107 Resp: 89657

Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.4	32.0
142	82.7	64.4	96.6

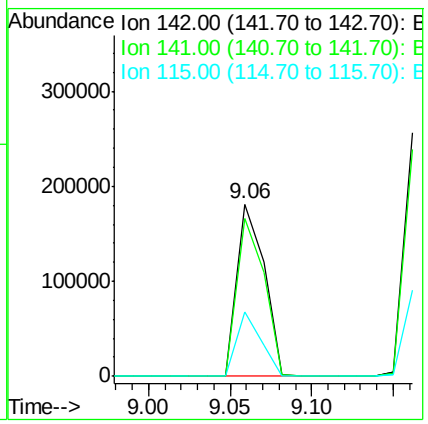




#37
2-Methylnaphthalene
Concen: 41.78 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

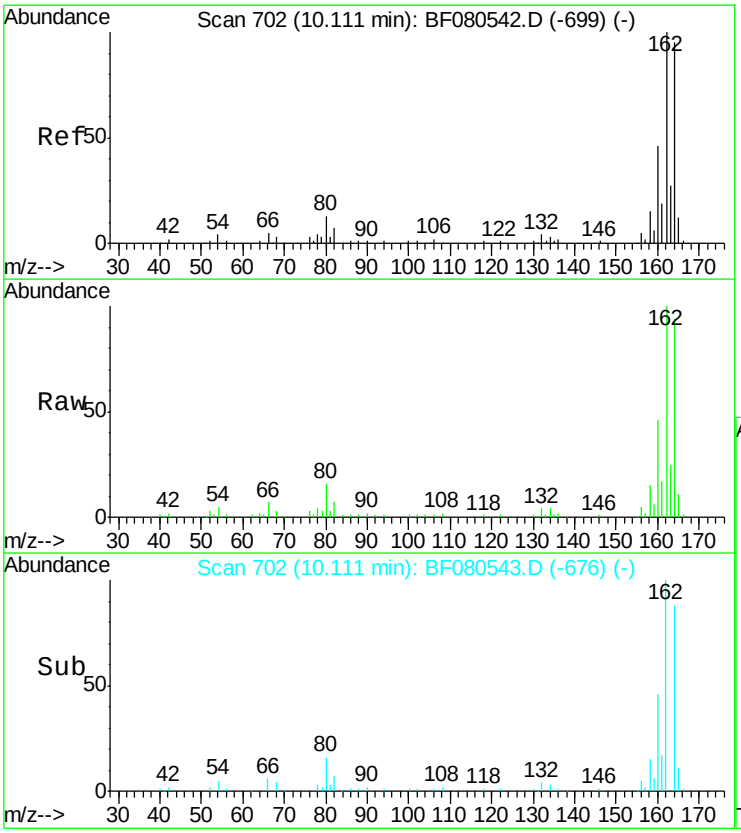
Tgt Ion:142 Resp: 209004

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7
115	37.3	28.7	43.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

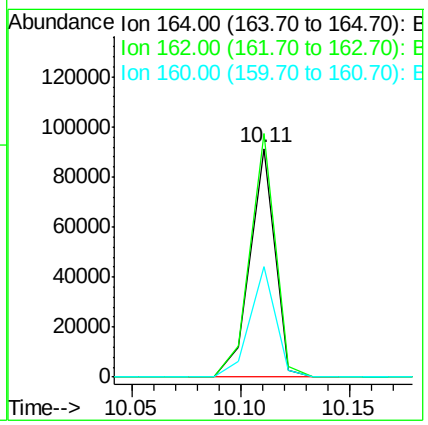
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

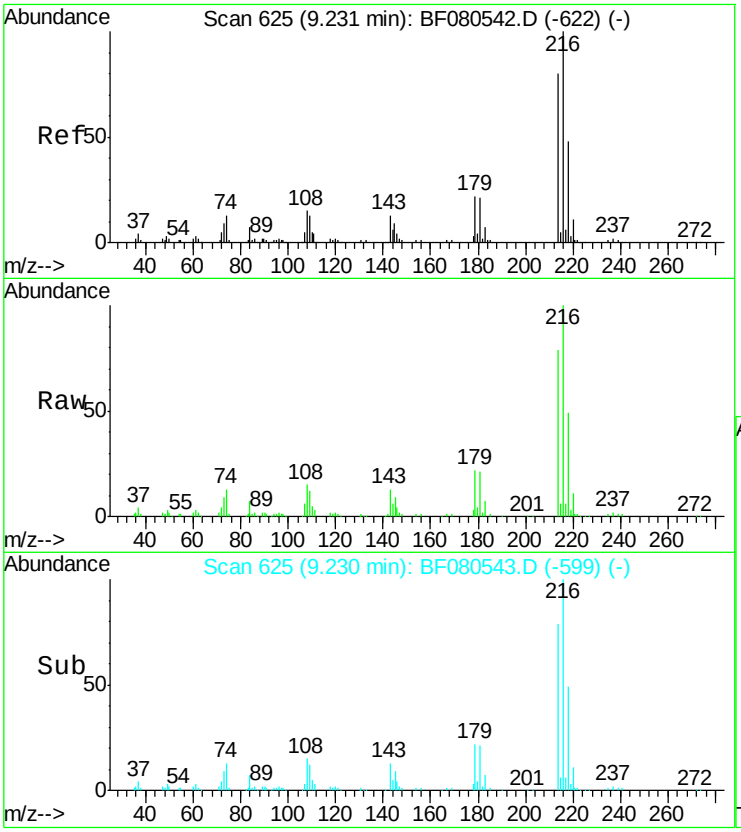


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:164 Resp: 72755

Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.1	126.1
160	48.5	38.8	58.2

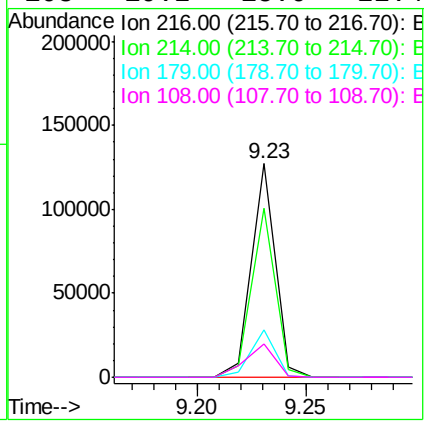




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.31 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

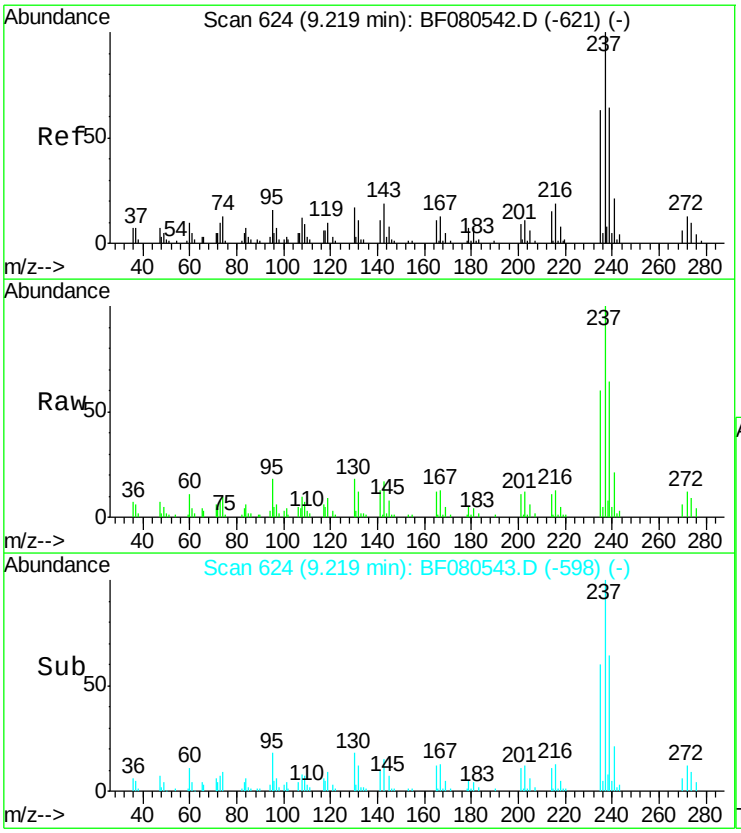
Tgt Ion:216 Resp: 97337

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.6	95.4
179	23.0	18.3	27.5
108	19.2	15.0	22.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

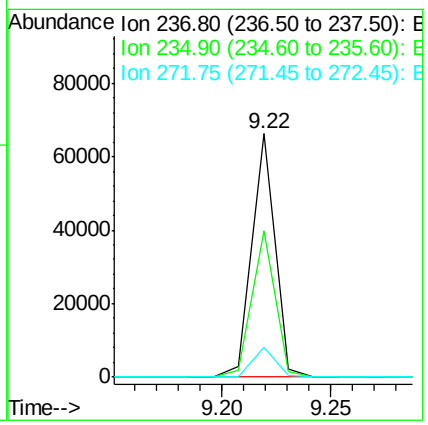
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

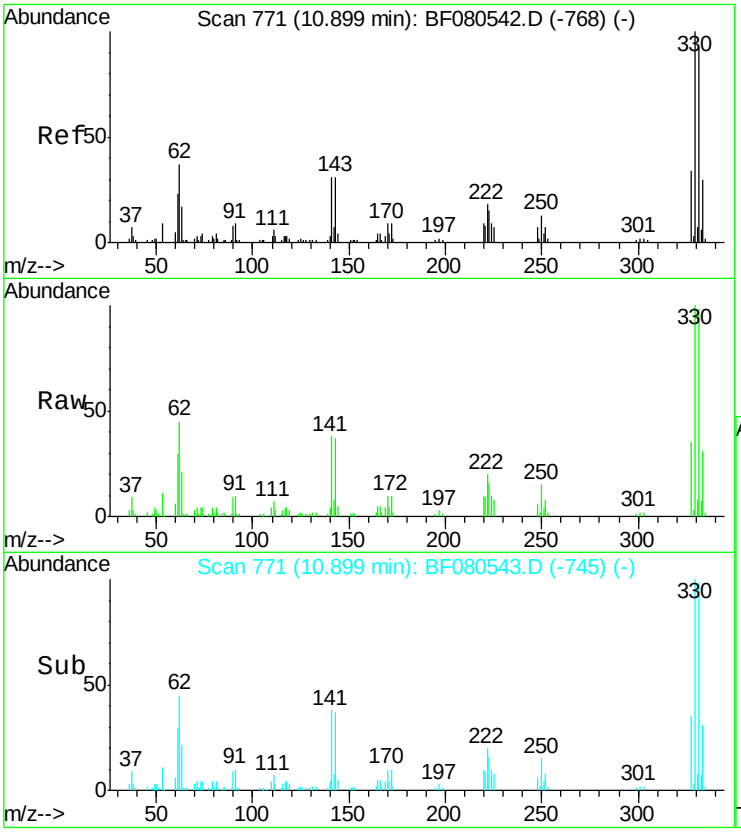


#40
Hexachlorocyclopentadiene
Concen: 45.38 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:237 Resp: 49148

Ion	Ratio	Lower	Upper
237	100		
235	60.3	43.1	83.1
272	12.1	0.0	33.3

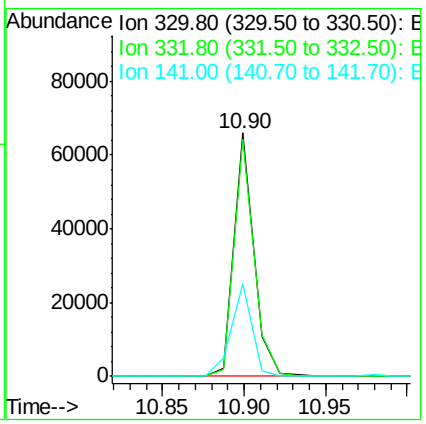




#41
2,4,6-Tribromophenol
Concen: 84.58 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

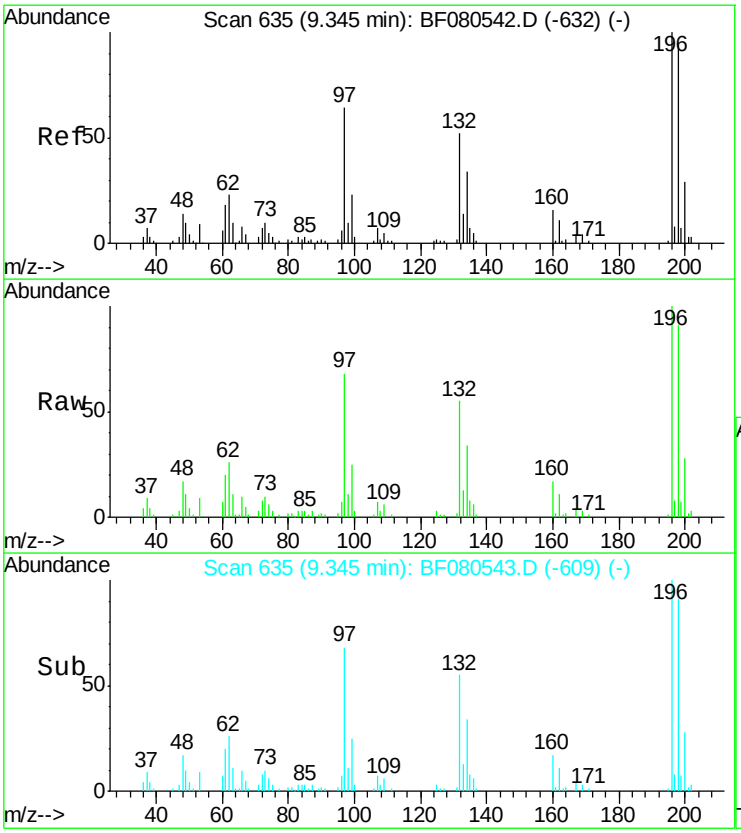
Tgt Ion:330 Resp: 55066

Ion	Ratio	Lower	Upper
330	100		
332	97.5	74.3	111.5
141	39.4	29.0	43.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

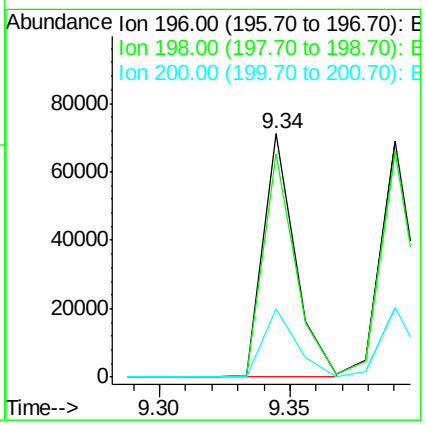
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

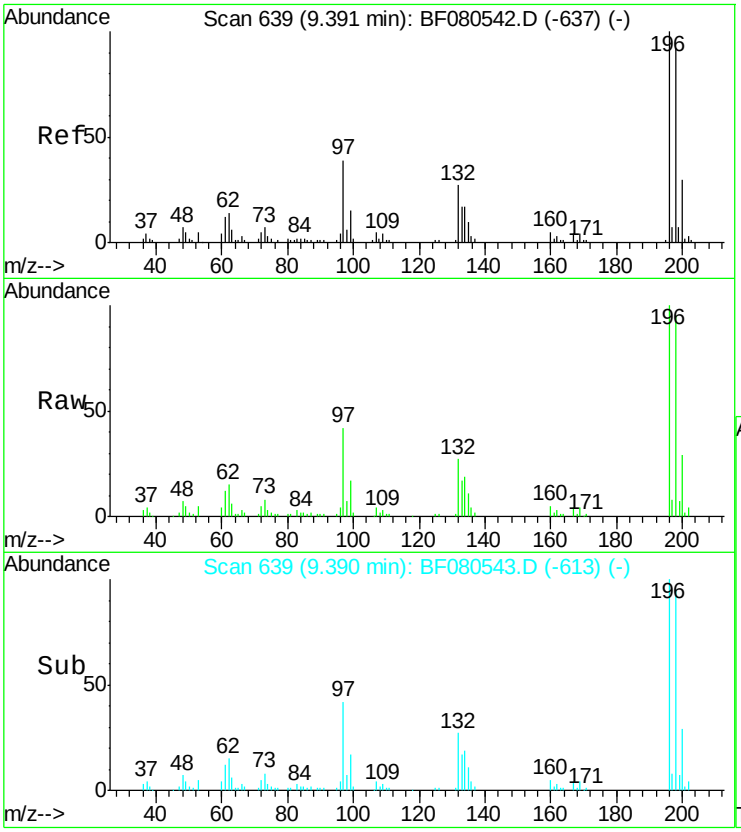


#42
2,4,6-Trichlorophenol
Concen: 45.87 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:196 Resp: 60779

Ion	Ratio	Lower	Upper
196	100		
198	91.4	75.4	113.2
200	27.9	23.3	34.9

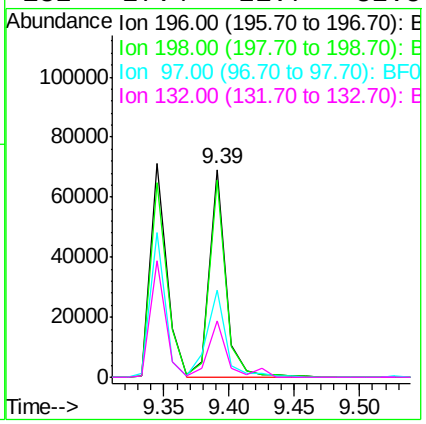




#43
2,4,5-Trichlorophenol
Concen: 42.36 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

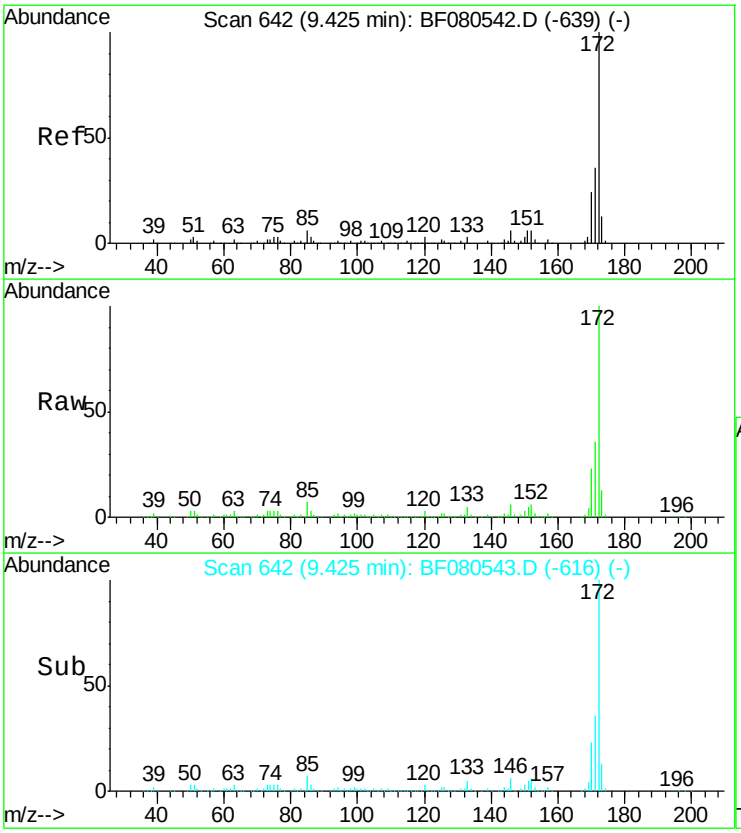
Tgt Ion:196 Resp: 61334

Ion	Ratio	Lower	Upper
196	100		
198	95.2	73.8	110.8
97	41.9	31.3	46.9
132	27.4	21.7	32.5



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

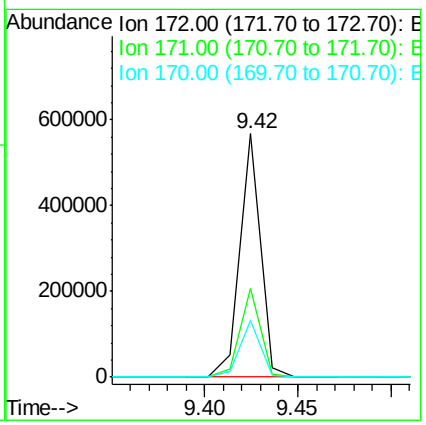
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

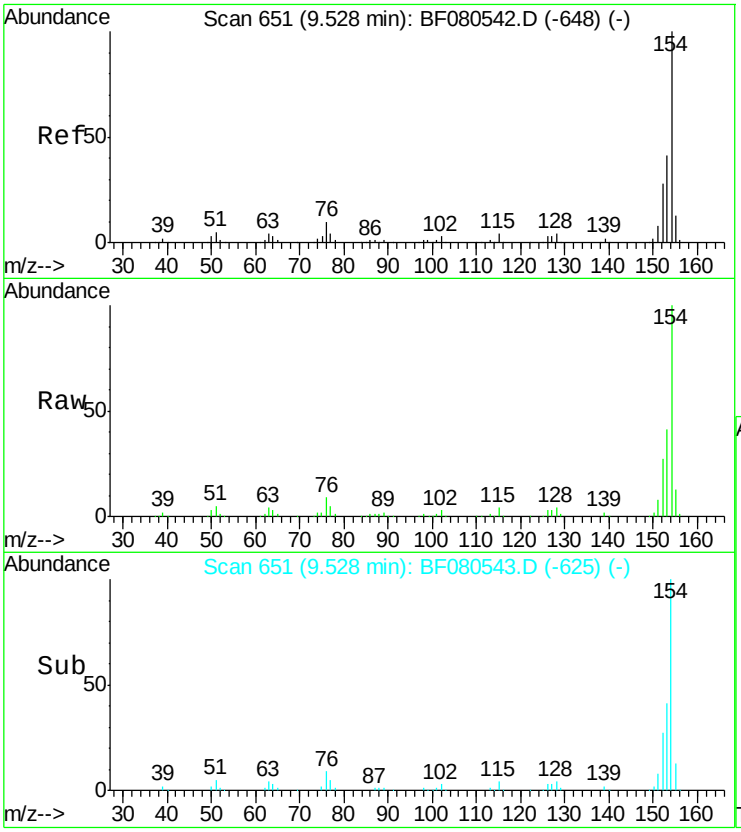


#44
2-Fluorobiphenyl
Concen: 85.09 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:172 Resp: 440764

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.4	19.0	28.4

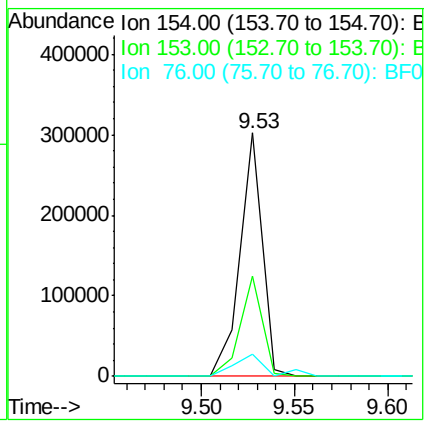




#45
1,1'-Biphenyl
Concen: 41.90 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

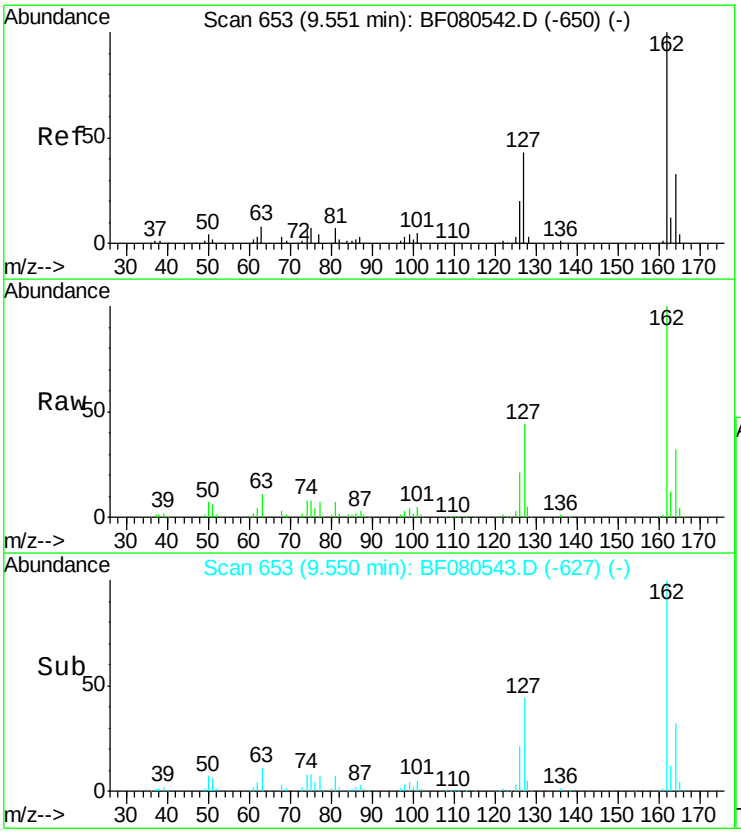
Tgt Ion:154 Resp: 252723

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	9.3	0.0	29.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

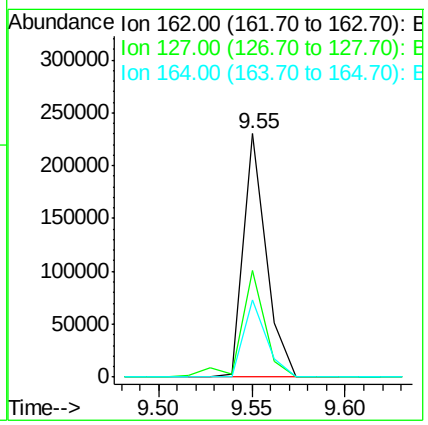
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

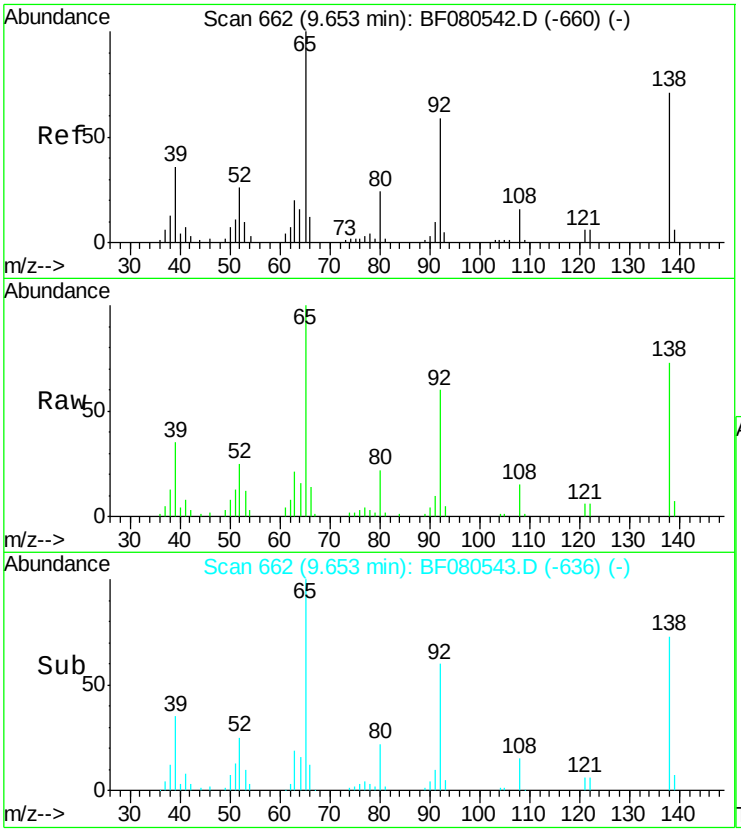


#46
2-Chloronaphthalene
Concen: 43.96 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:162 Resp: 195373

Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.4	53.2
164	31.9	26.2	39.2

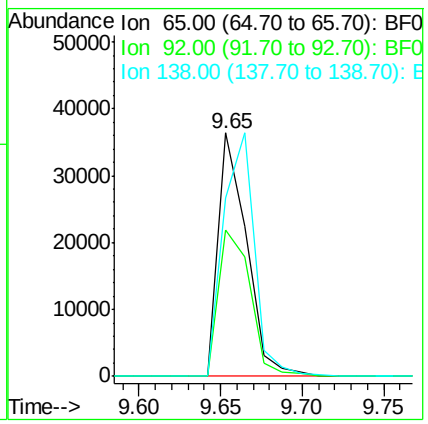




#47
2-Nitroaniline
Concen: 40.60 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

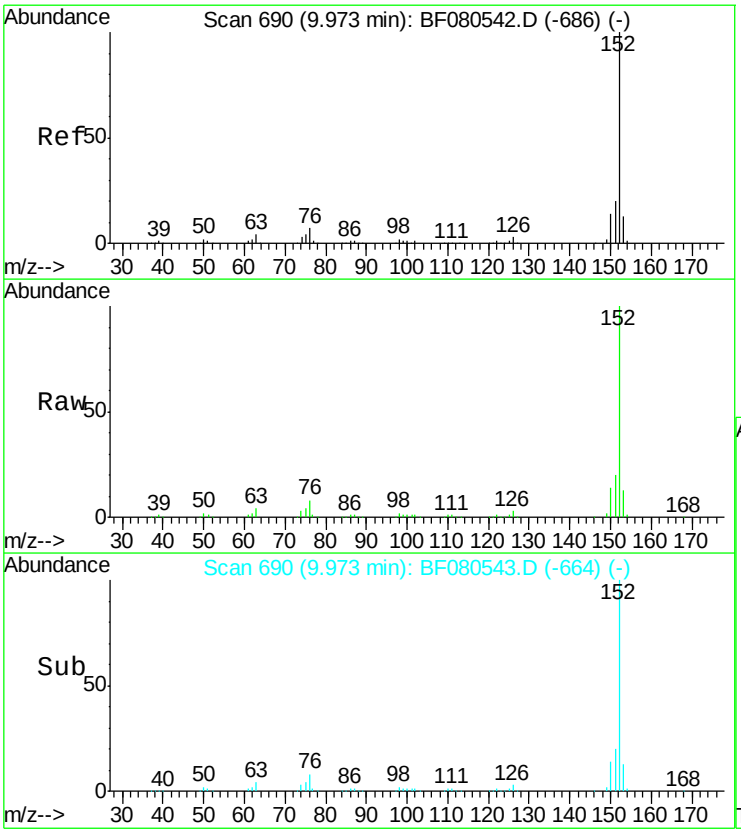
Tgt Ion: 65 Resp: 43734

Ion	Ratio	Lower	Upper
65	100		
92	59.9	47.4	71.0
138	73.5	57.1	85.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

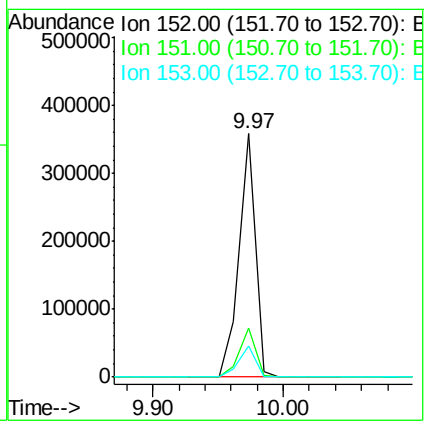
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

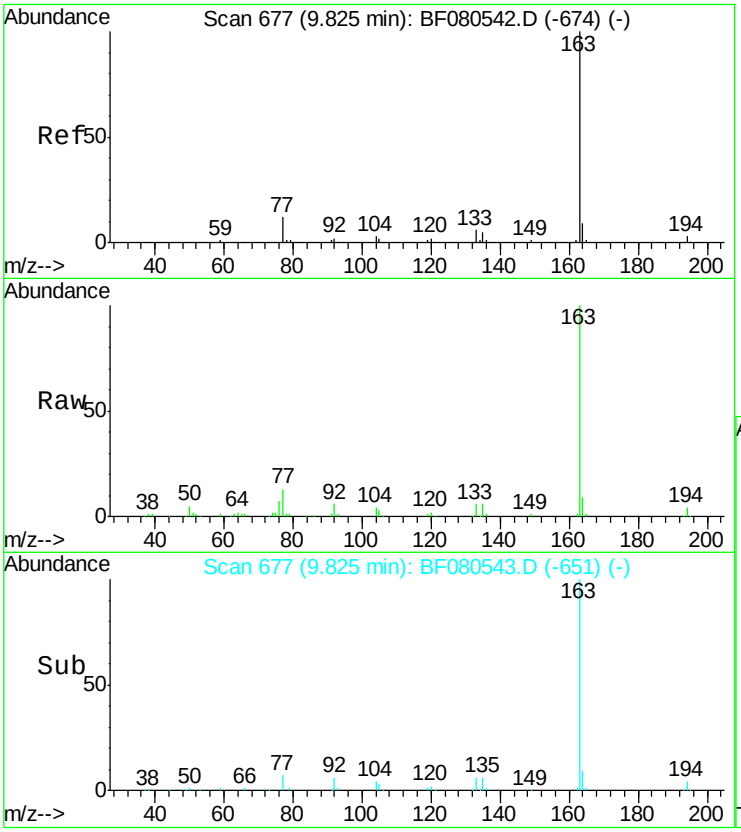


#48
Acenaphthylene
Concen: 42.10 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:152 Resp: 309839

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	12.6	10.4	15.6

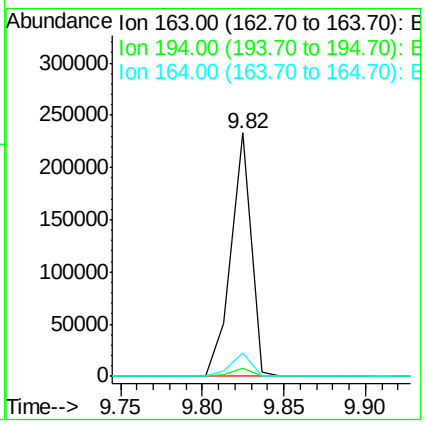




#49
Dimethylphthalate
Concen: 40.88 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

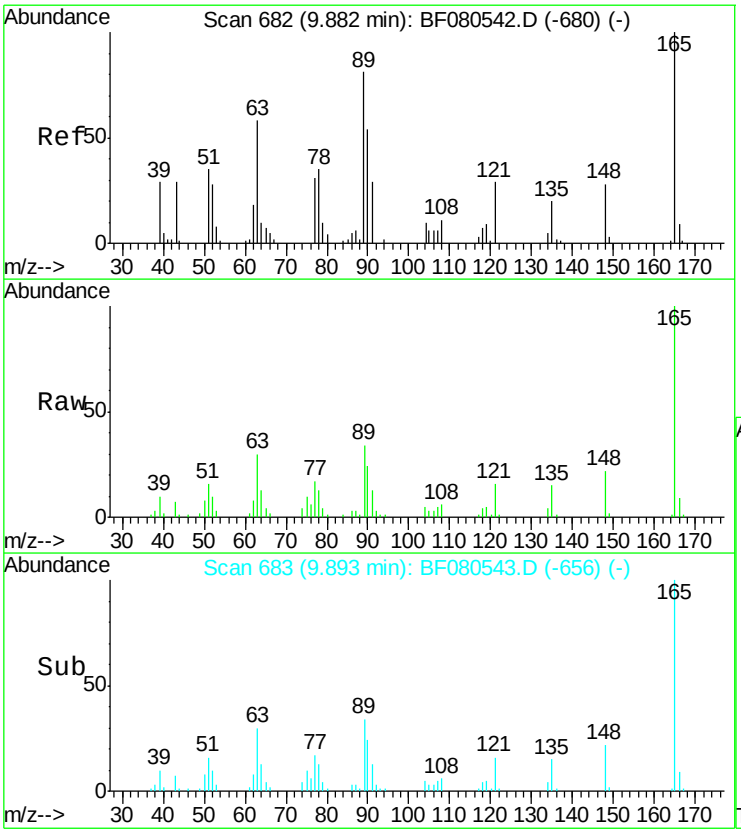
Tgt Ion:163 Resp: 197925

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.5	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

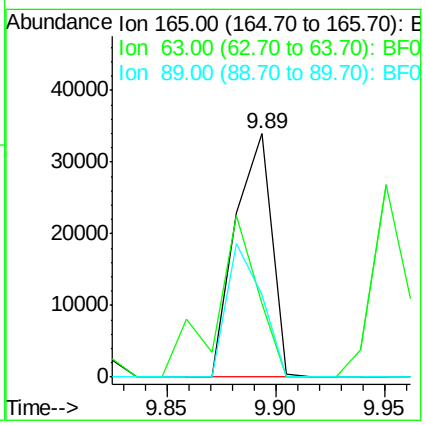
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

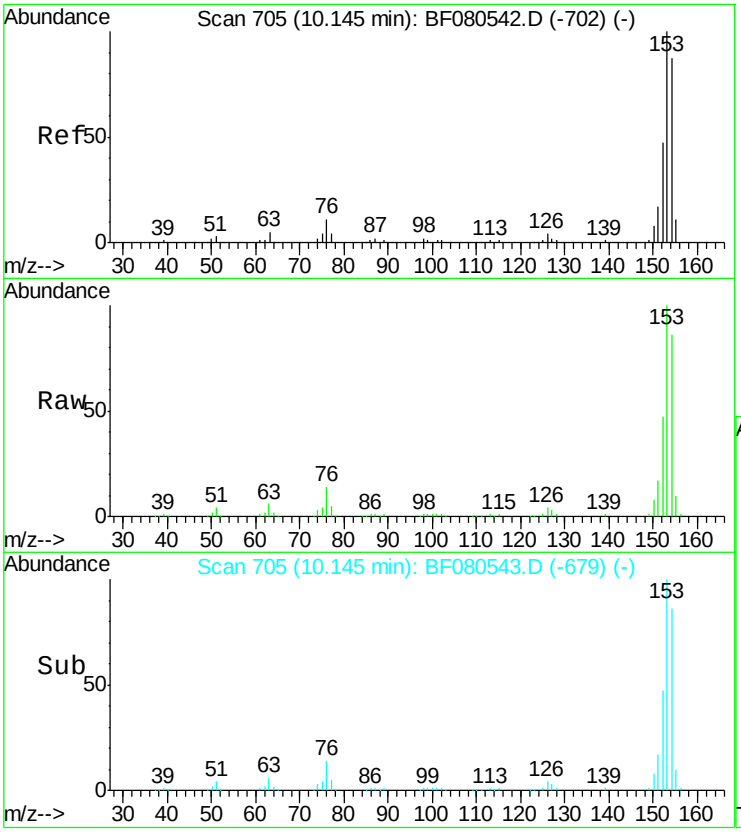


#50
2,6-Dinitrotoluene
Concen: 41.75 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:165 Resp: 39301

Ion	Ratio	Lower	Upper
165	100		
63	30.3	74.5	111.7#
89	33.7	64.6	97.0#

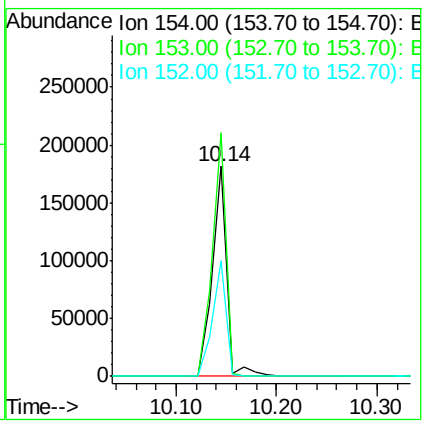




#51
Acenaphthene
Concen: 39.97 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

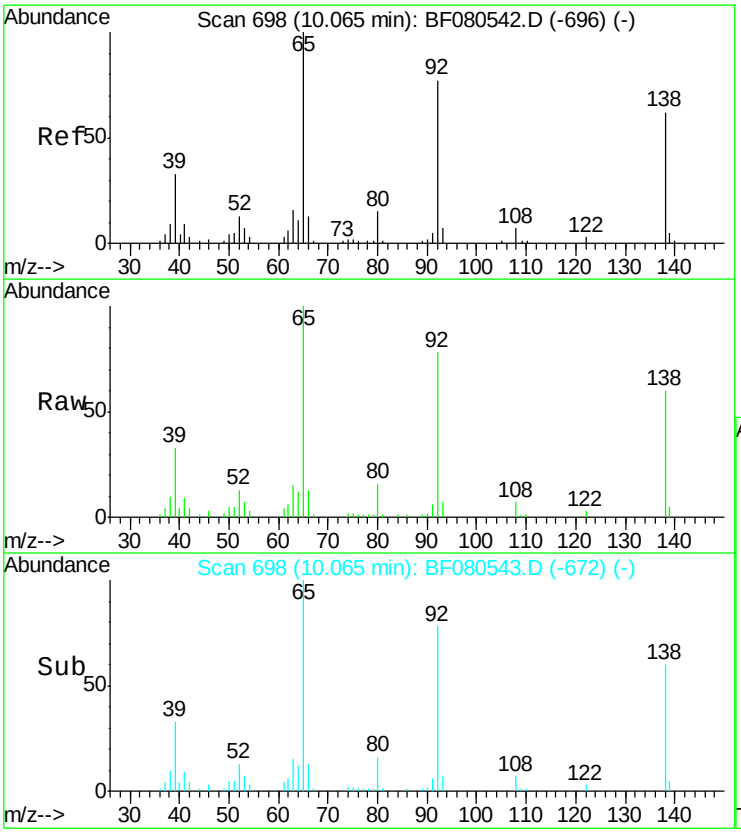
Tgt Ion:154 Resp: 179796

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.3	138.5
152	55.0	43.4	65.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

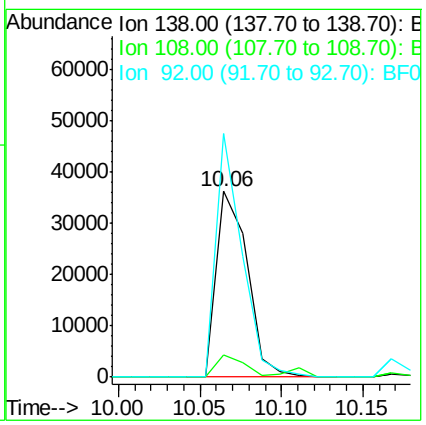
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

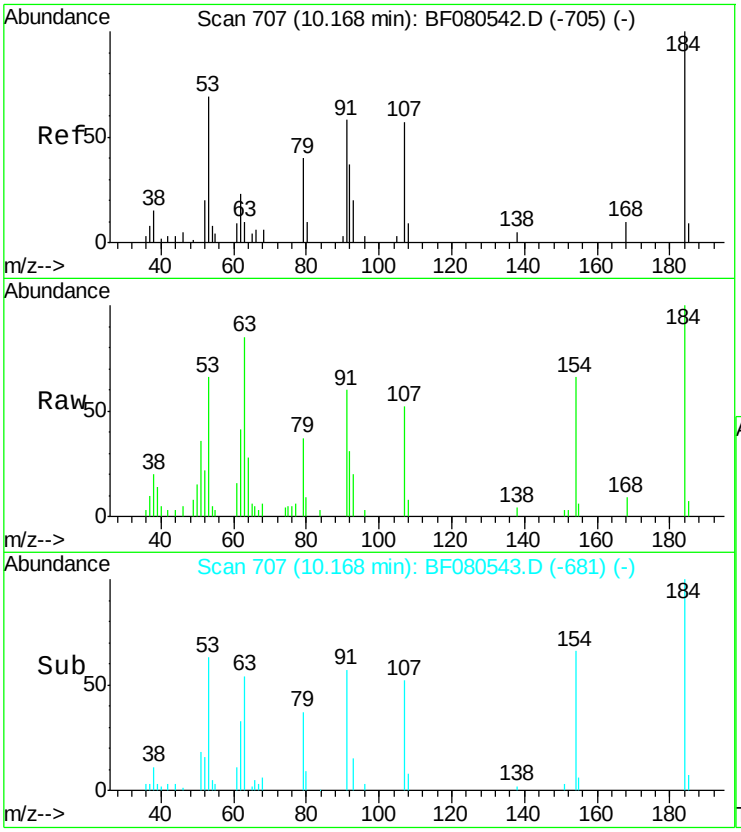


#52
3-Nitroaniline
Concen: 43.09 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:138 Resp: 47644

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.6	12.8
92	131.3	99.7	149.5

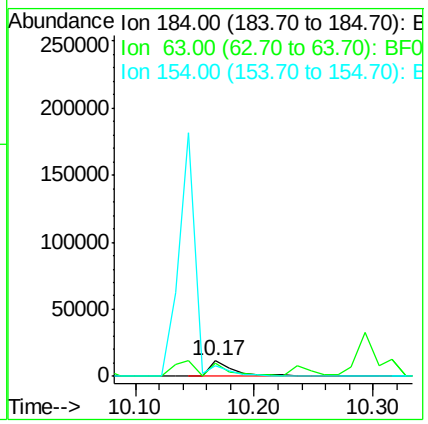




#53
2,4-Dinitrophenol
Concen: 40.22 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

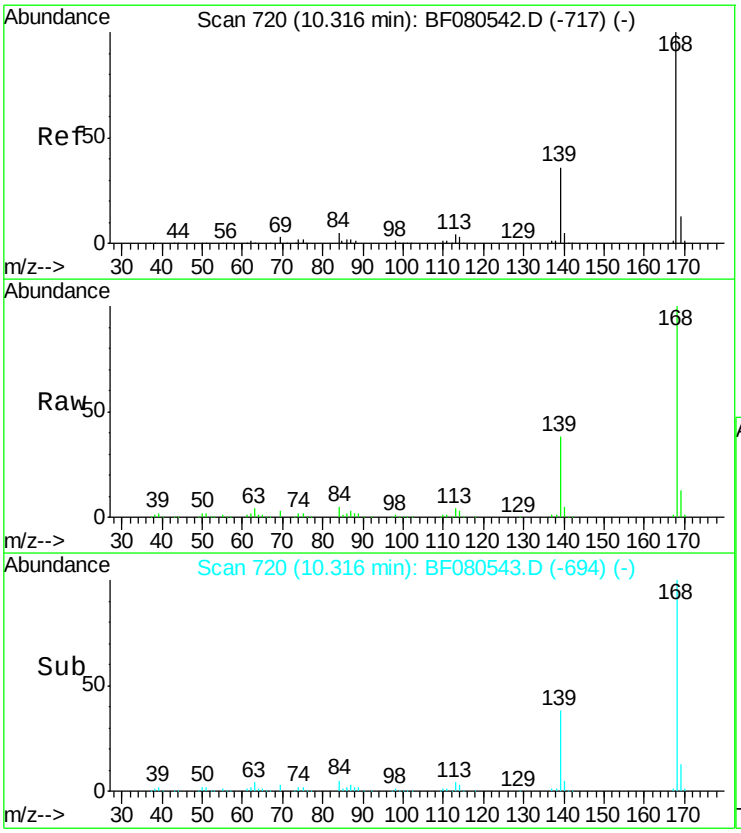
Tgt Ion:184 Resp: 17186

Ion	Ratio	Lower	Upper
184	100		
63	84.6	74.8	112.2
154	66.0	55.6	83.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

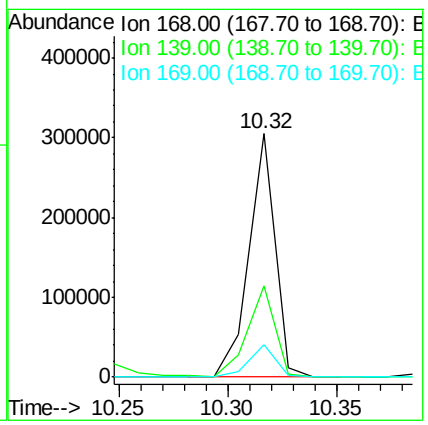
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

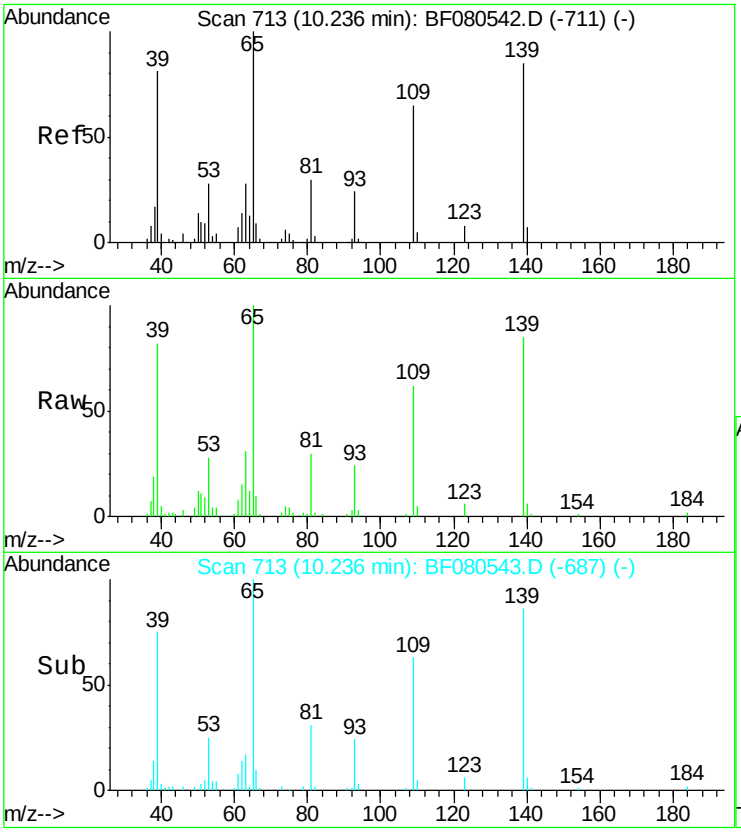


#54
Dibenzofuran
Concen: 40.67 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:168 Resp: 254674

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.0	43.4
169	13.2	10.6	15.8

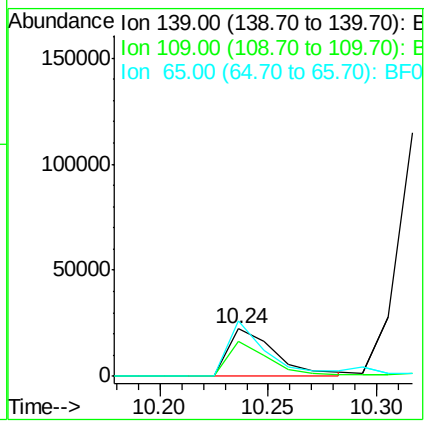




#55
4-Nitrophenol
Concen: 40.04 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

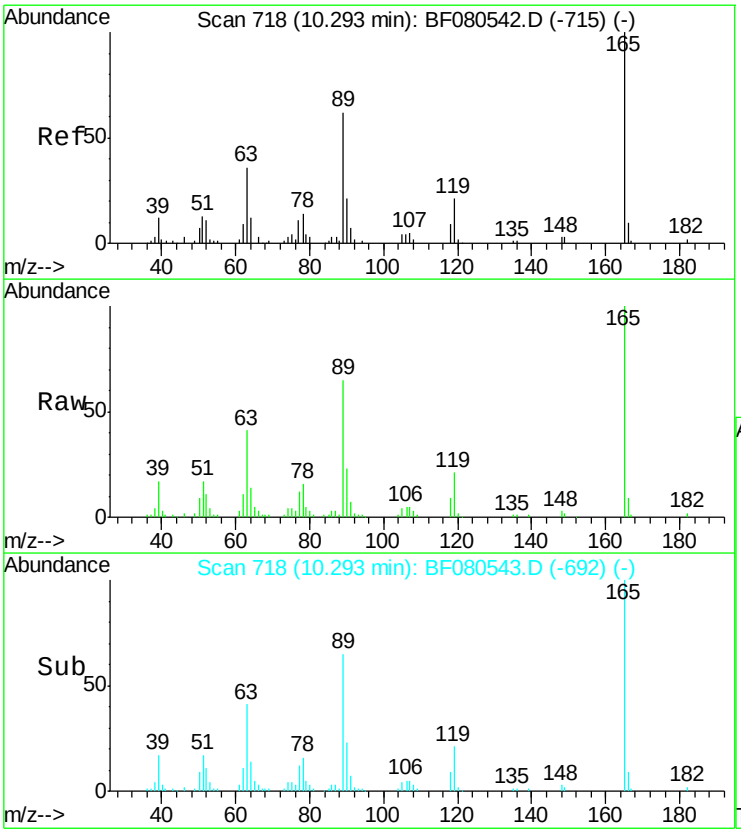
Tgt Ion:139 Resp: 33538

Ion	Ratio	Lower	Upper
139	100		
109	73.5	56.0	96.0
65	118.1	97.3	137.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

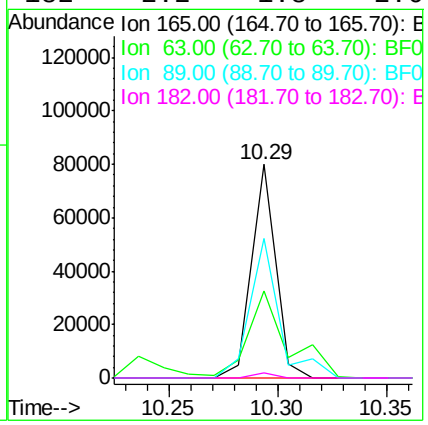
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

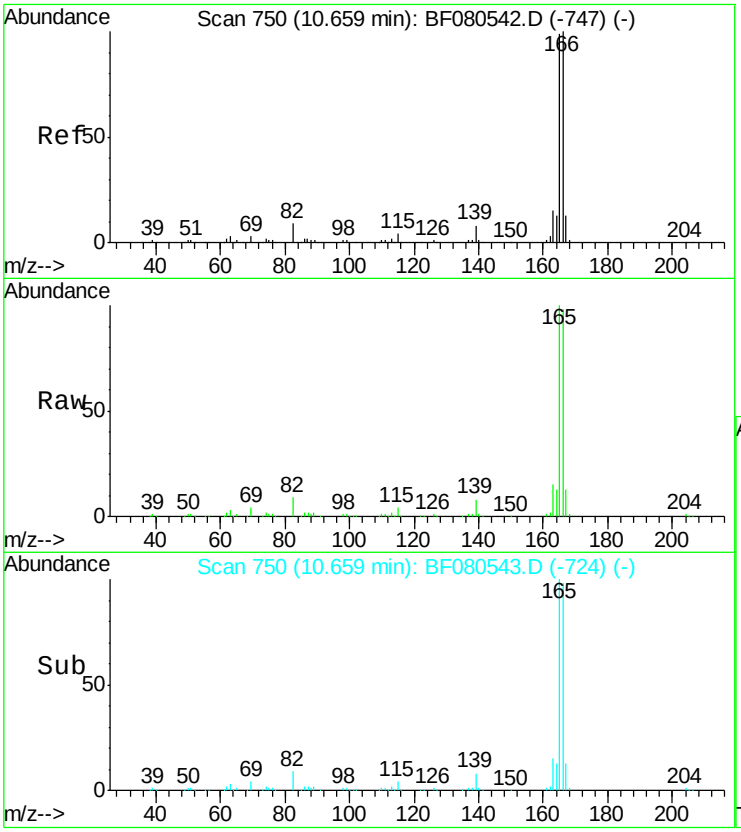


#56
2,4-Dinitrotoluene
Concen: 42.82 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:165 Resp: 61931

Ion	Ratio	Lower	Upper
165	100		
63	41.0	30.2	45.4
89	65.5	49.9	74.9
182	2.2	1.8	2.6

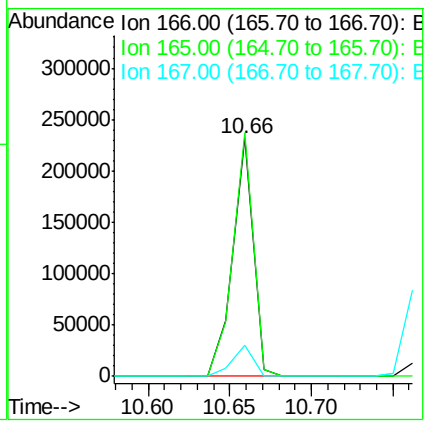




#57
Fluorene
Concen: 40.56 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

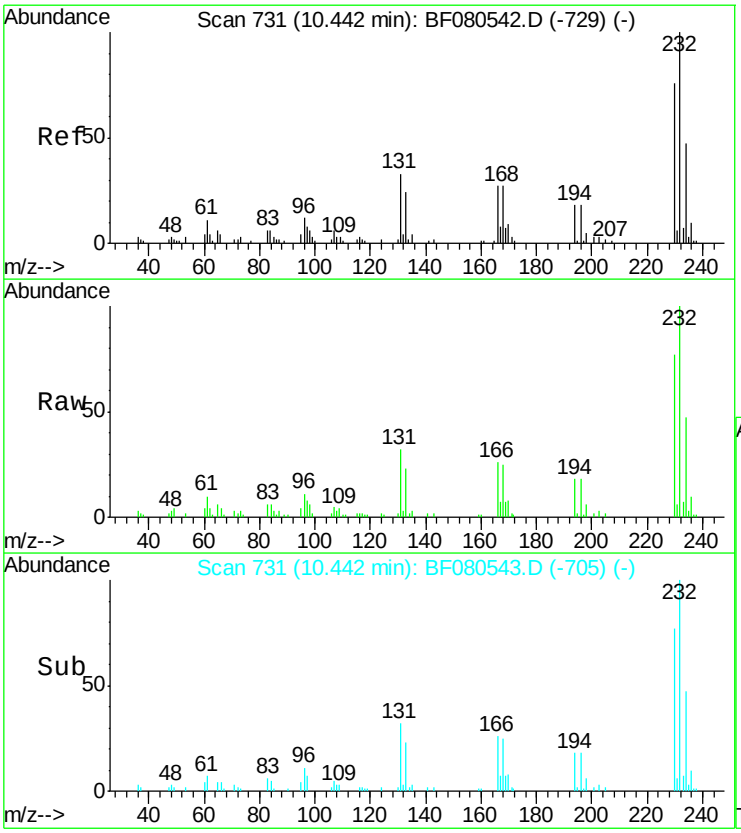
Tgt Ion:166 Resp: 201243

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.0	118.4
167	12.8	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

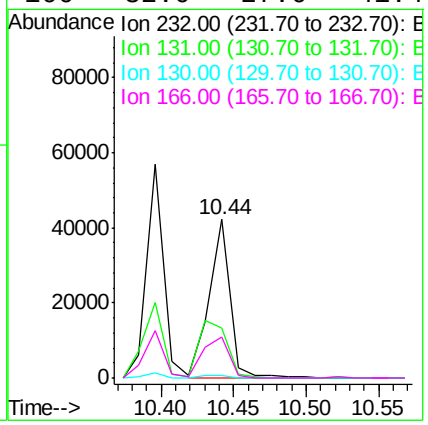
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

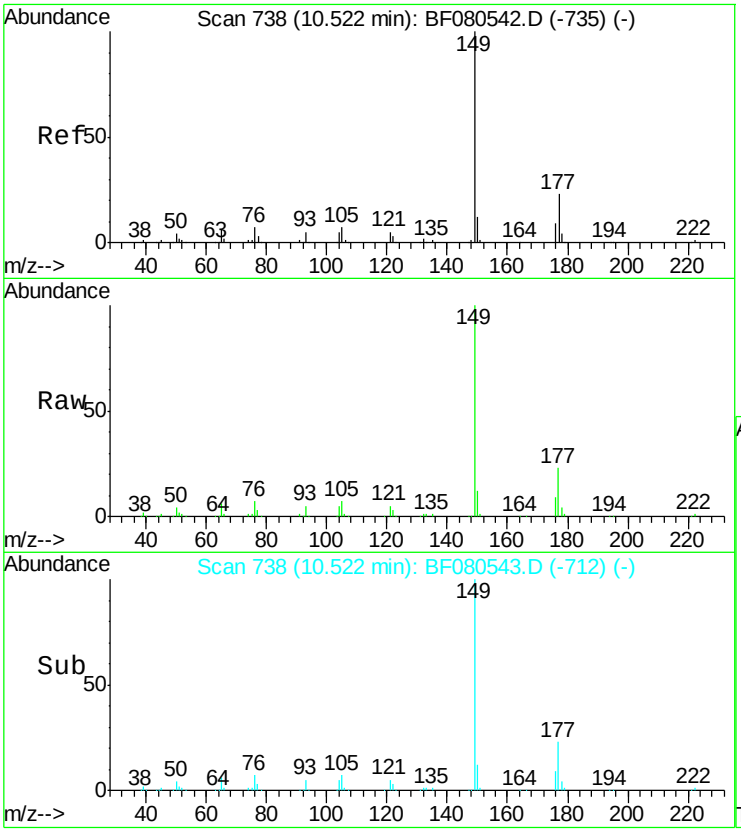


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.53 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:232 Resp: 42314

Ion	Ratio	Lower	Upper
232	100		
131	48.8	42.7	64.1
130	2.4	1.8	2.6
166	32.0	27.6	41.4





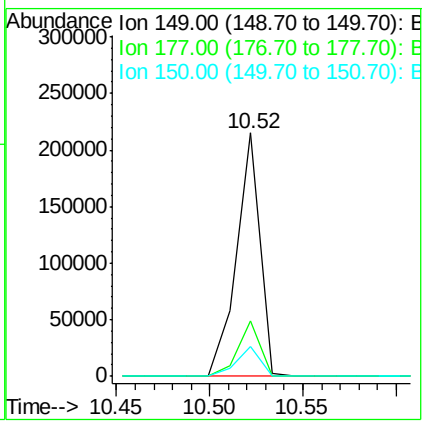
#59
Diethylphthalate
Concen: 41.55 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

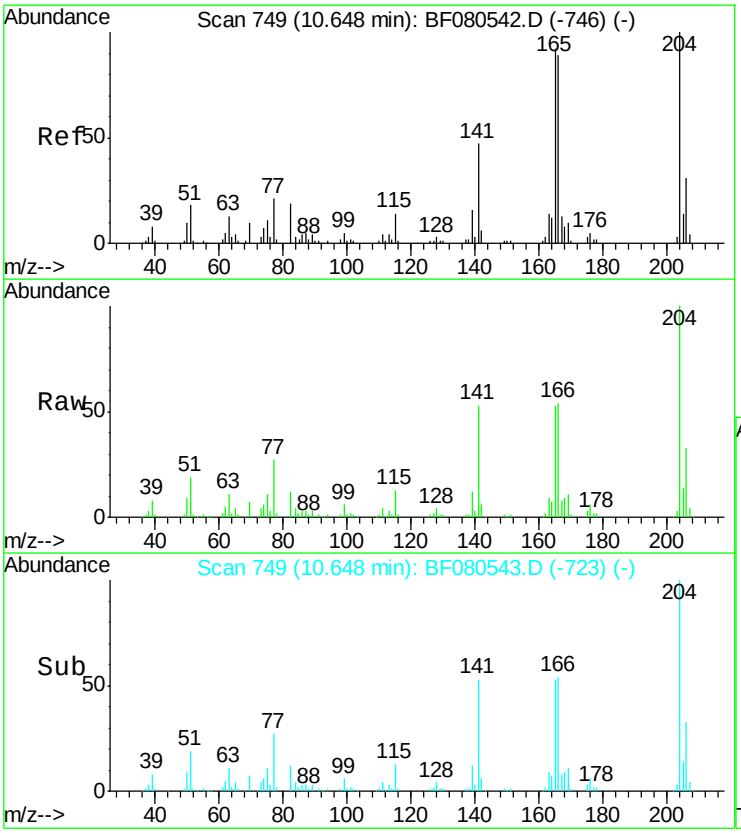
Tgt Ion:149 Resp: 189888

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.4	27.6
150	12.0	9.6	14.4

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

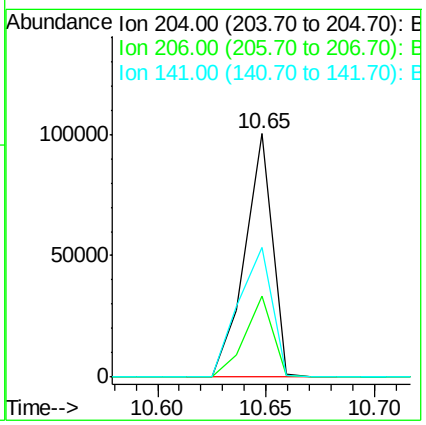


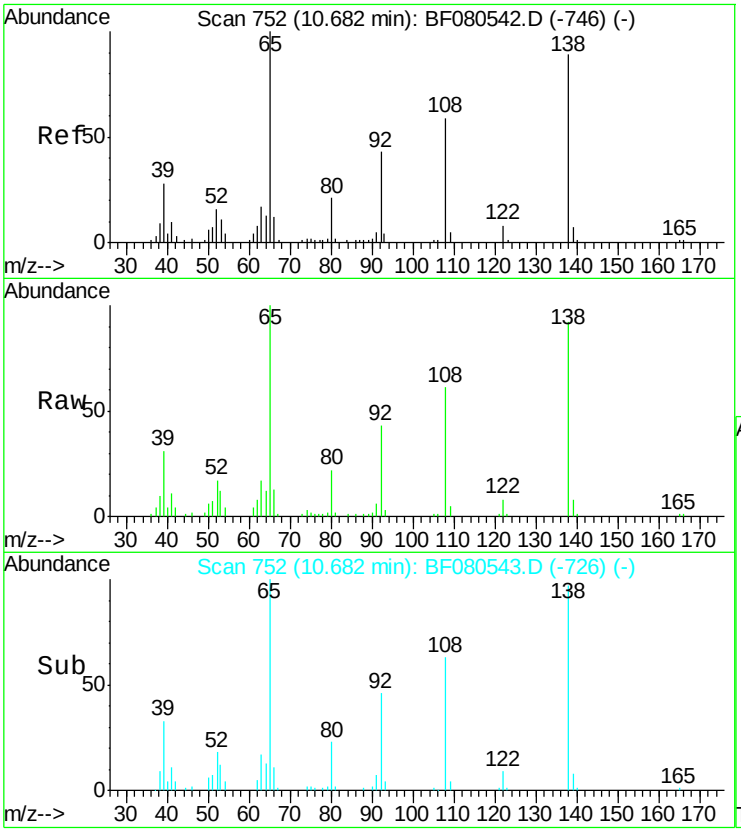


#60
4-Chlorophenyl-phenylether
Concen: 39.85 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:204 Resp: 88560

Ion	Ratio	Lower	Upper
204	100		
206	33.3	24.9	37.3
141	53.0	37.9	56.9

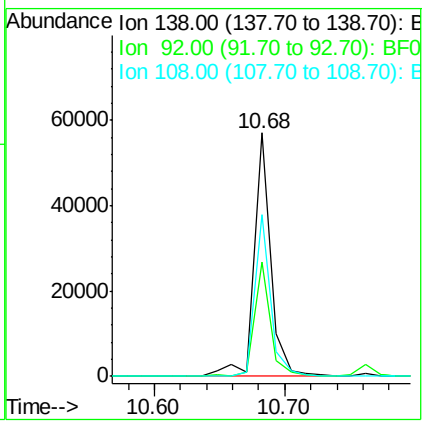




#61
4-Nitroaniline
Concen: 43.60 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

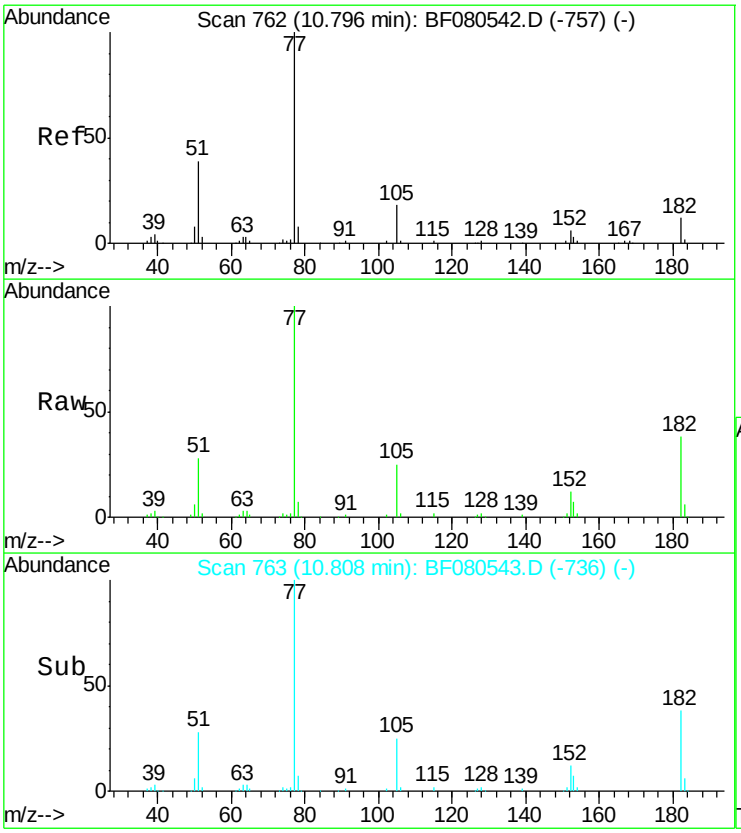
Tgt Ion:138 Resp: 50867

Ion	Ratio	Lower	Upper
138	100		
92	47.2	28.9	68.9
108	66.4	46.9	86.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

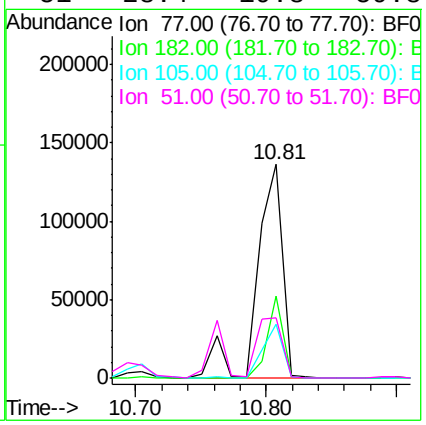
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

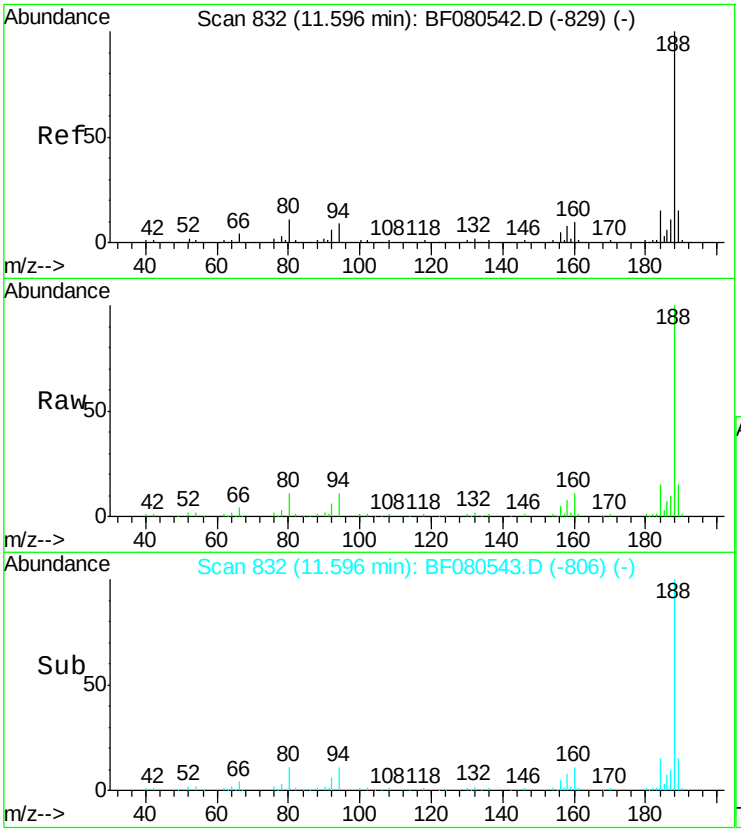


#62
Azobenzene
Concen: 40.10 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion: 77 Resp: 184418

Ion	Ratio	Lower	Upper
77	100		
182	38.3	0.0	31.9#
105	25.4	0.0	38.0
51	28.4	19.8	59.8





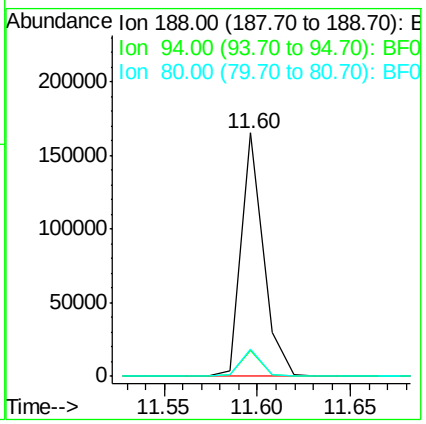
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

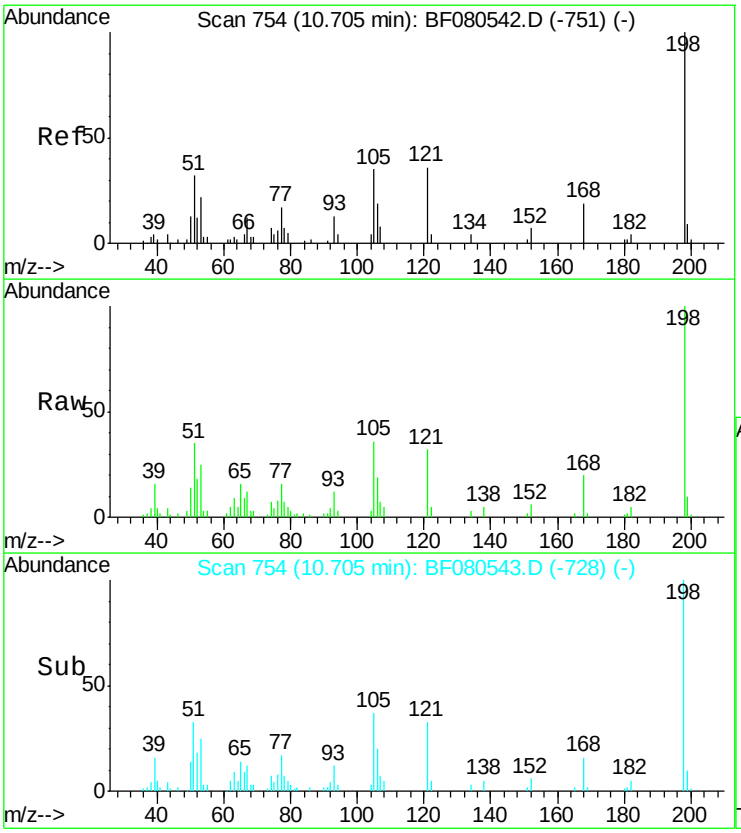
Tgt Ion:188 Resp: 137317

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.6	11.4
80	11.0	8.6	12.8

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

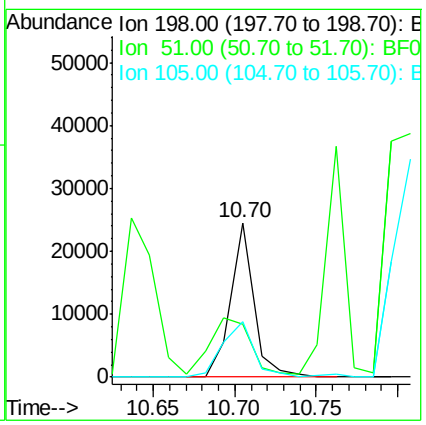


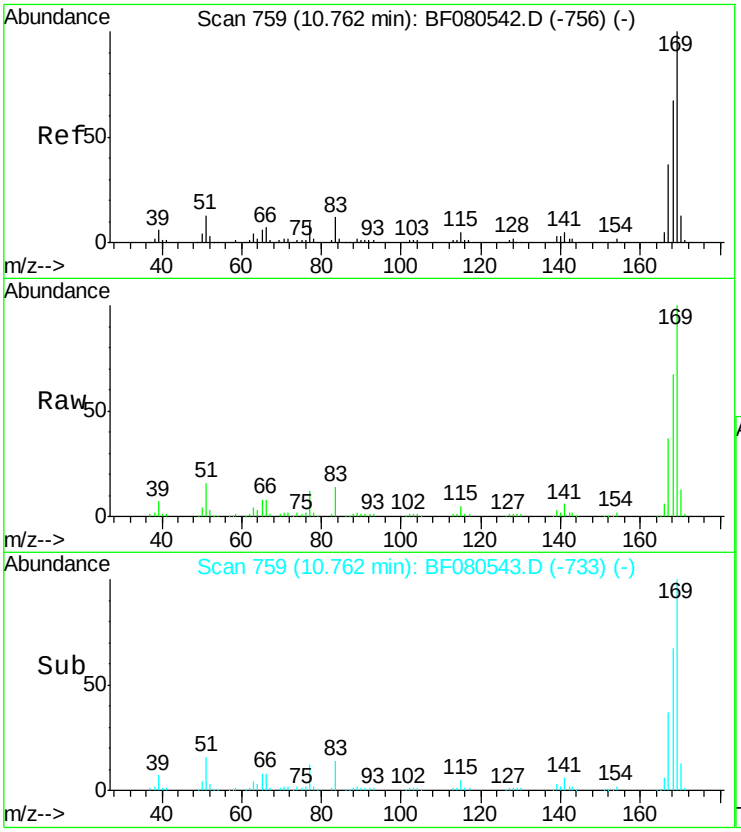


#64
4,6-Dinitro-2-methylphenol
Concen: 39.83 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:198 Resp: 24047

Ion	Ratio	Lower	Upper
198	100		
51	34.5	16.0	56.0
105	36.0	15.1	55.1

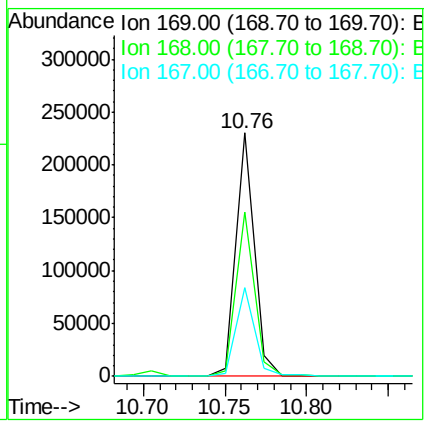




#65
n-Nitrosodiphenylamine
Concen: 39.36 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

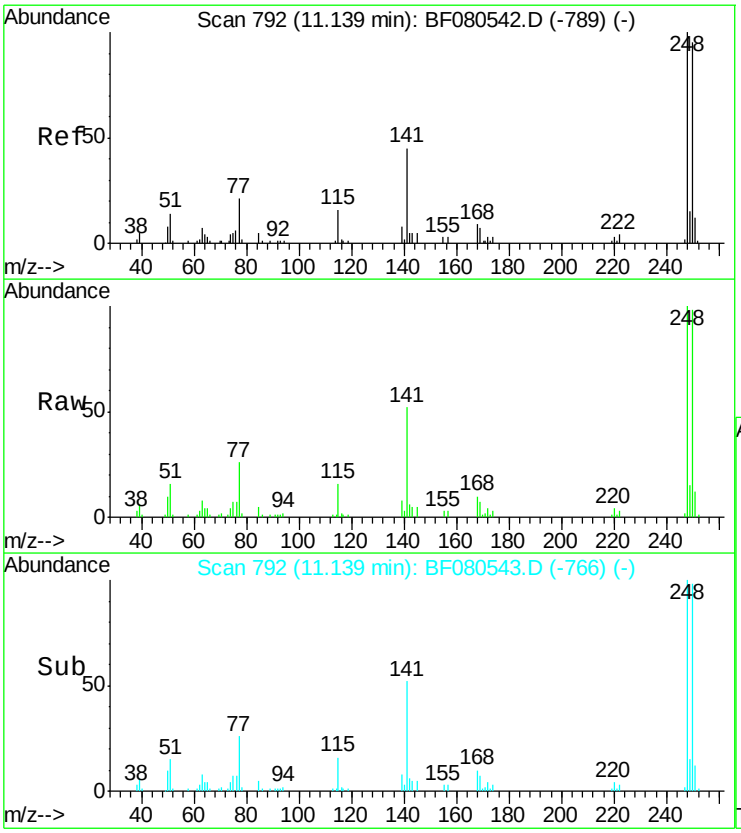
Tgt Ion:169 Resp: 178067

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.3	79.9
167	36.7	29.3	43.9



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

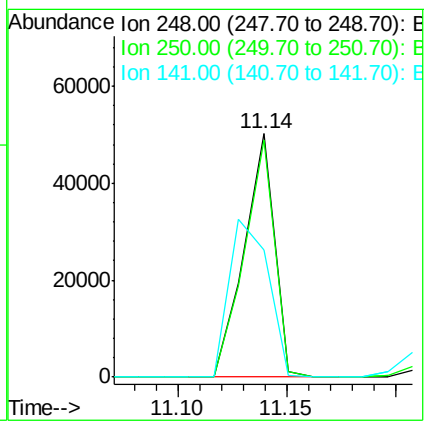
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

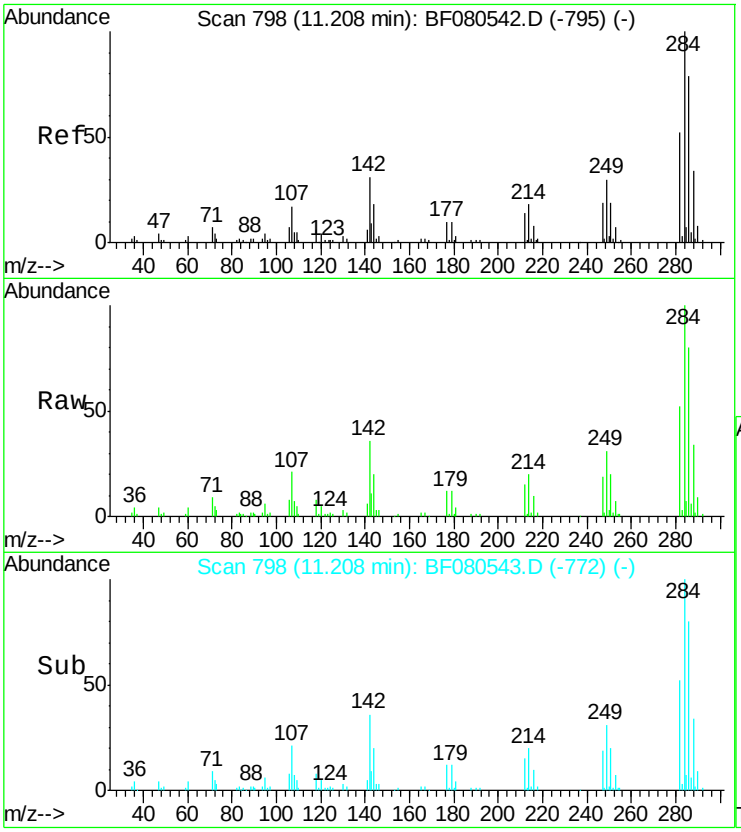


#66
4-Bromophenyl-phenylether
Concen: 38.48 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:248 Resp: 48445

Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.4	114.6
141	52.3	36.0	54.0

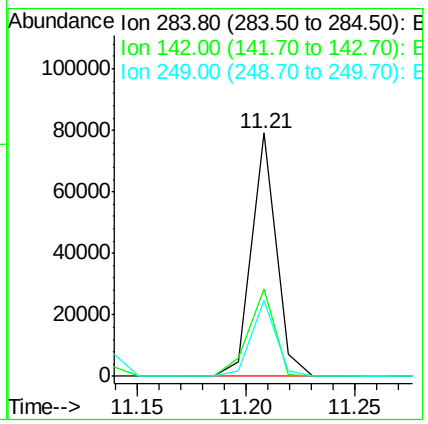




#67
Hexachlorobenzene
Concen: 40.86 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

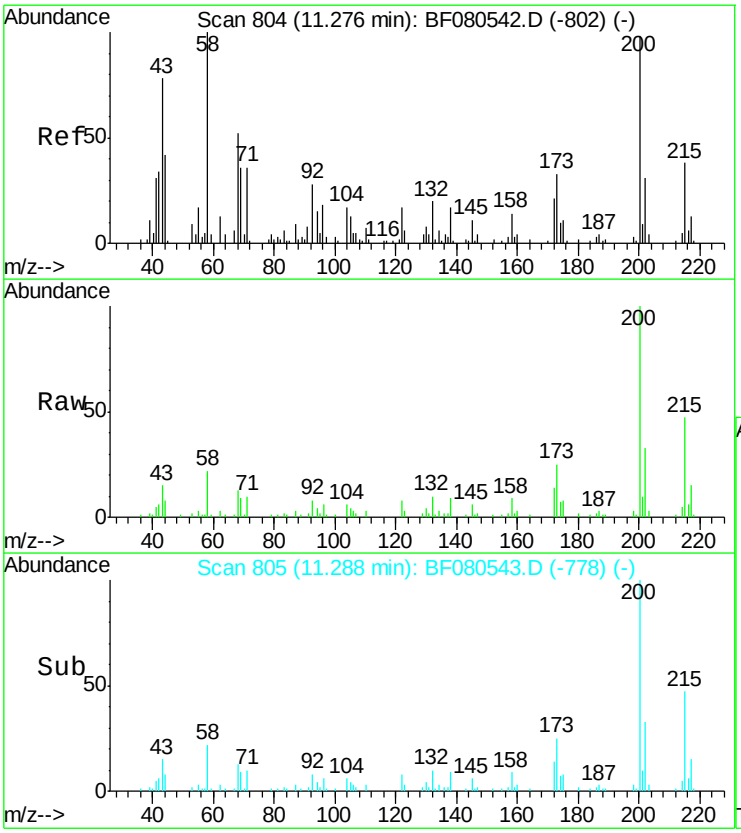
Tgt Ion:284 Resp: 62374

Ion	Ratio	Lower	Upper
284	100		
142	36.0	24.8	37.2
249	31.2	24.2	36.2



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

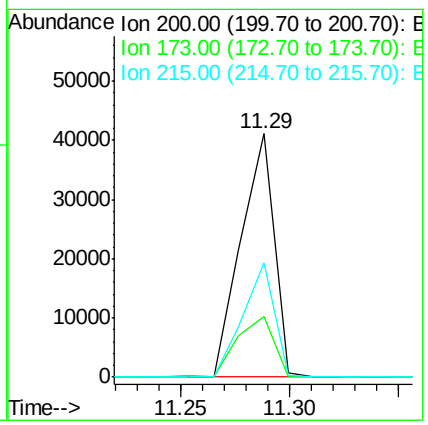
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

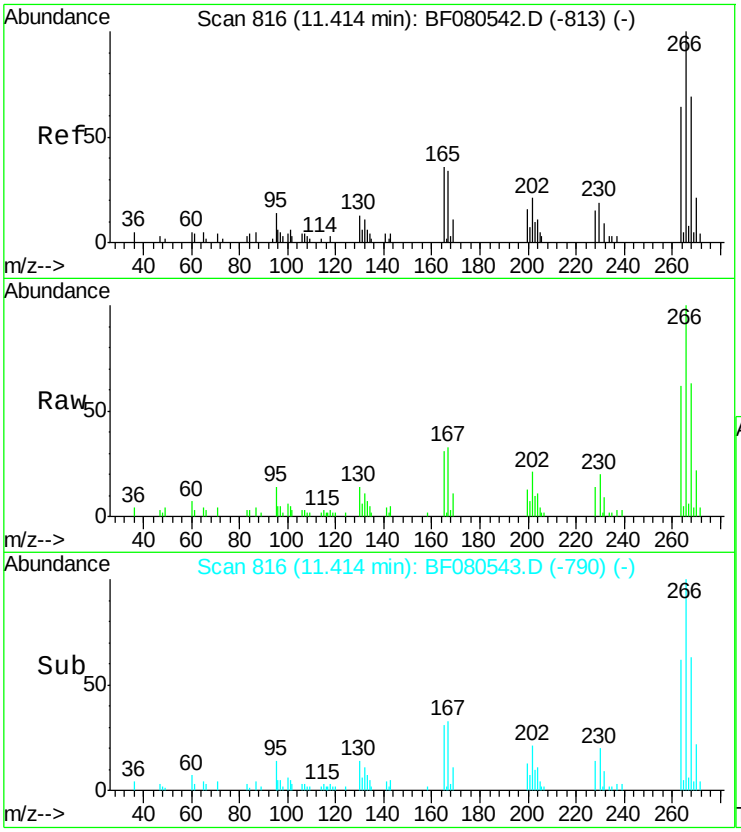


#68
Atrazine
Concen: 40.44 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:200 Resp: 43296

Ion	Ratio	Lower	Upper
200	100		
173	25.0	13.2	53.2
215	46.8	18.7	58.7

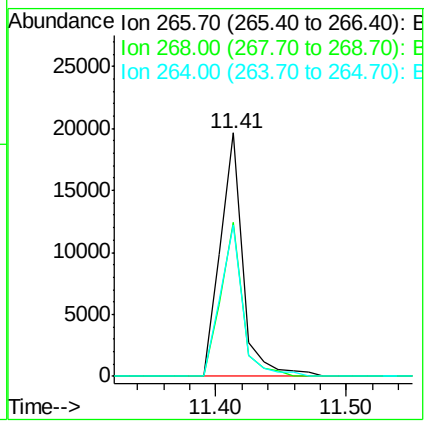




#69
Pentachlorophenol
Concen: 41.59 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

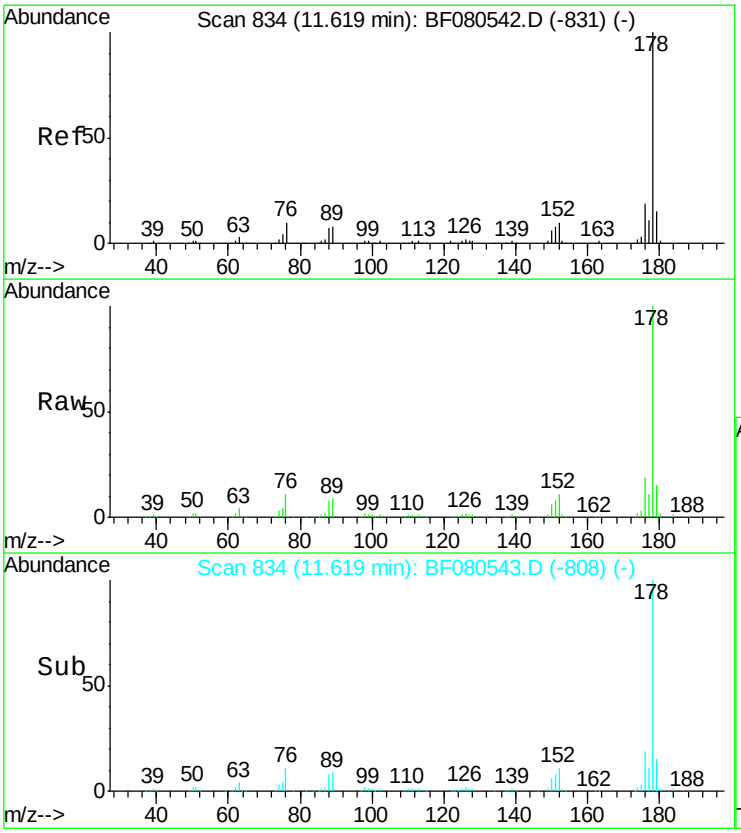
Tgt Ion:266 Resp: 23728

Ion	Ratio	Lower	Upper
266	100		
268	63.0	55.0	82.6
264	62.3	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

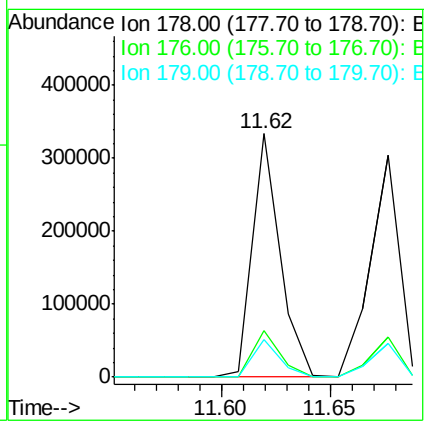
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

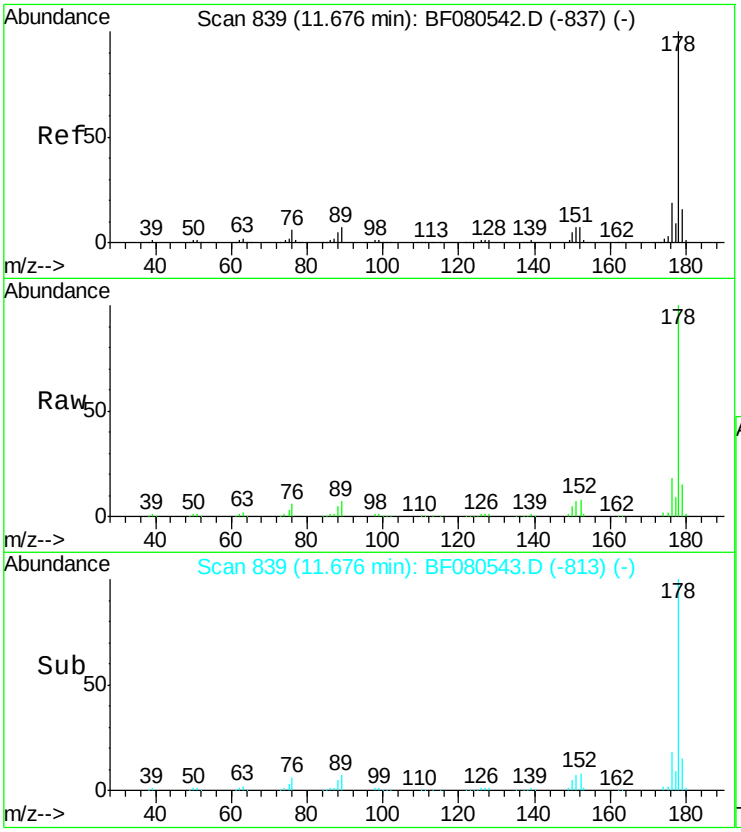


#70
Phenanthrene
Concen: 39.47 ng
RT: 11.62 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:178 Resp: 295286

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.2	12.0	18.0

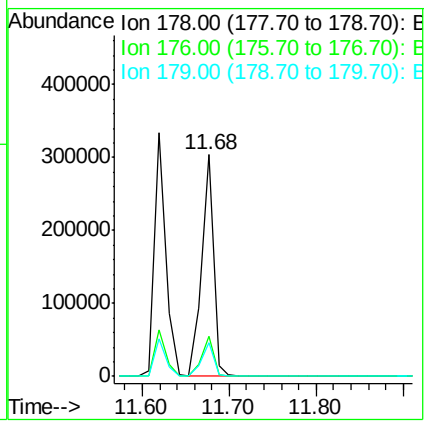




#71
Anthracene
Concen: 39.50 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

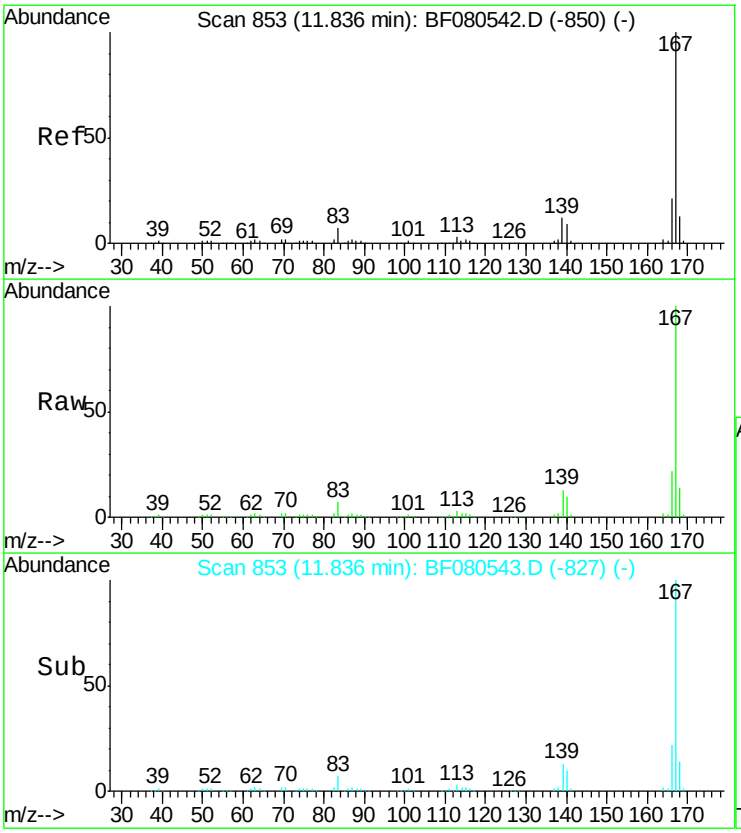
Tgt Ion:178 Resp: 287053

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.0	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

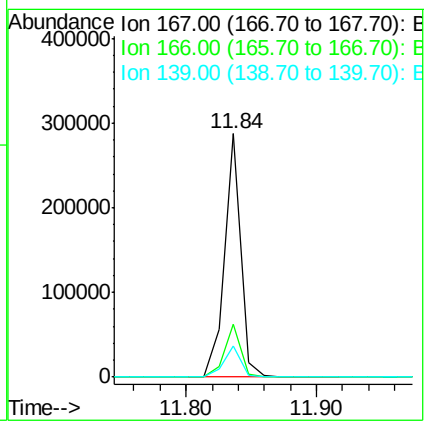
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

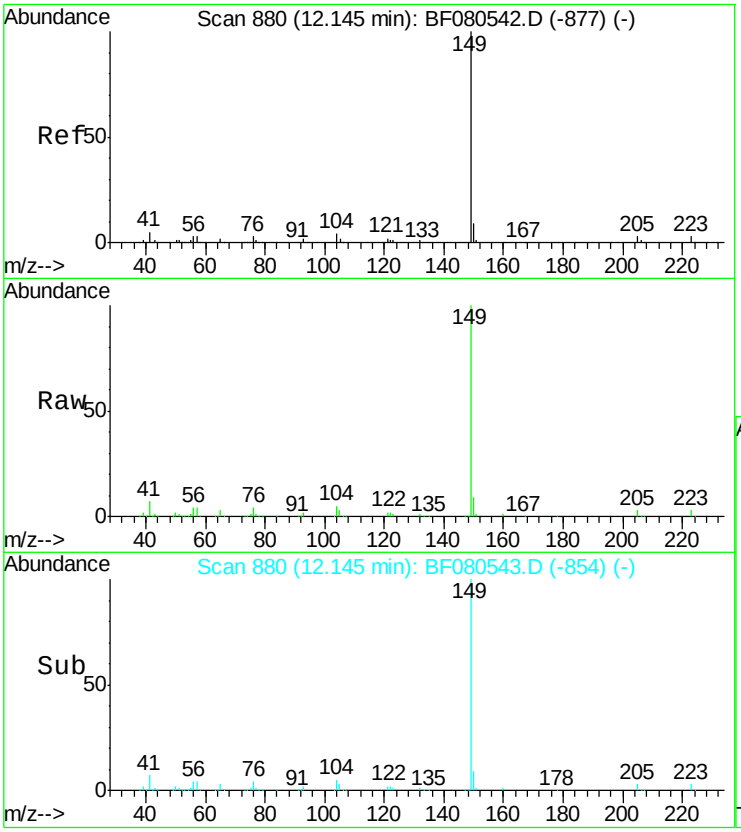


#72
Carbazole
Concen: 38.41 ng
RT: 11.84 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:167 Resp: 250026

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.8	9.8	14.8

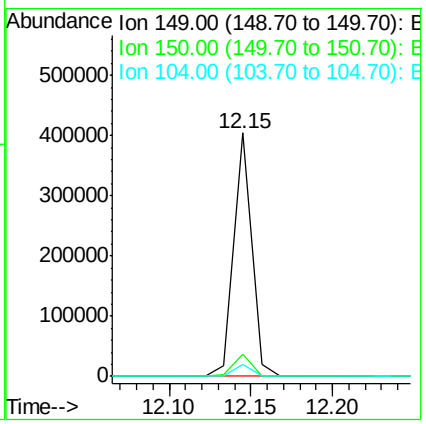




#73
Di-n-butylphthalate
Concen: 44.65 ng
RT: 12.15 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

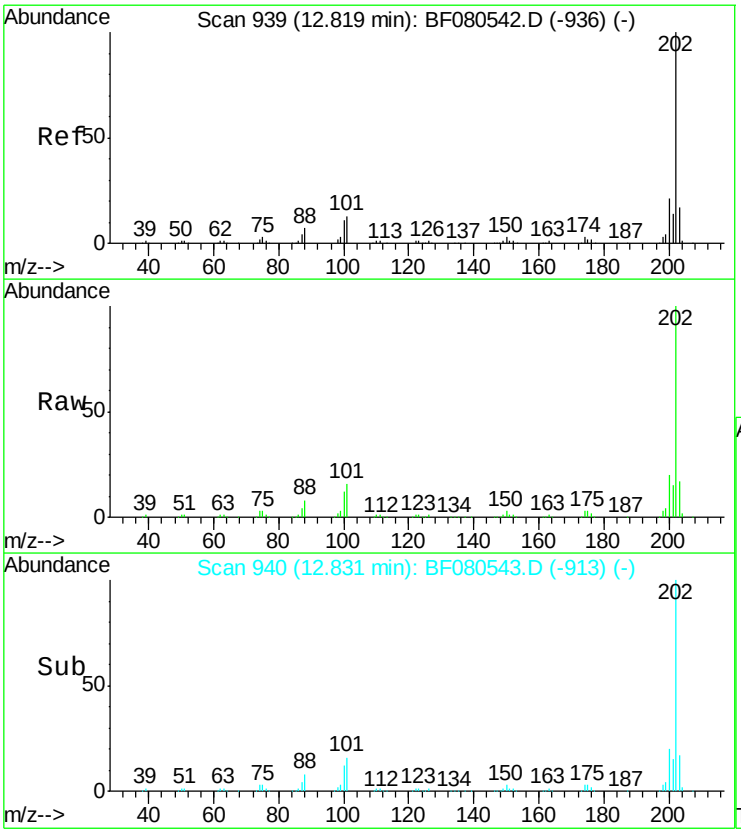
Tgt Ion:149 Resp: 305023

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	4.7	3.1	4.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

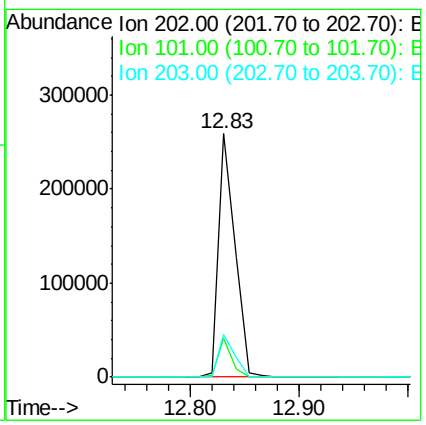
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

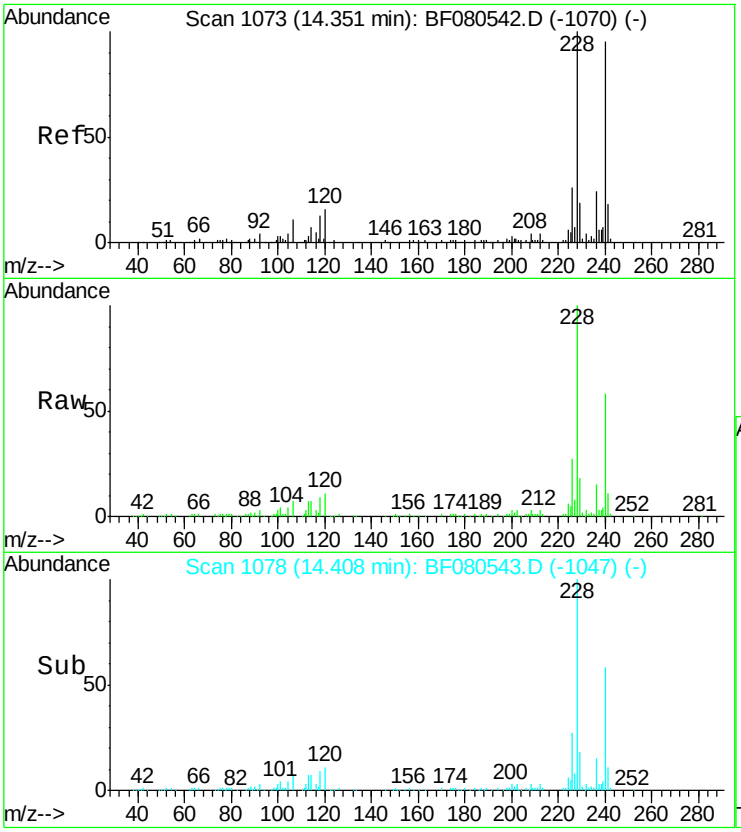


#74
Fluoranthene
Concen: 39.02 ng
RT: 12.83 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:202 Resp: 272942

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	32.9
203	17.3	0.0	37.3

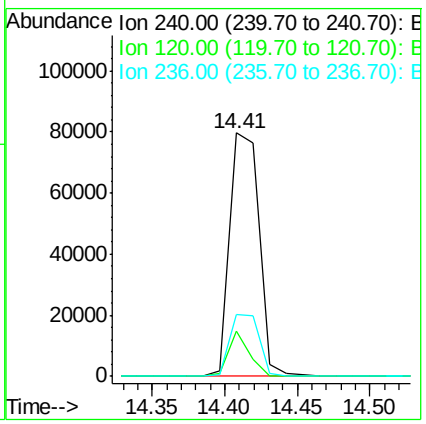




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.41 min Scan# 1078
Delta R.T. 0.06 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

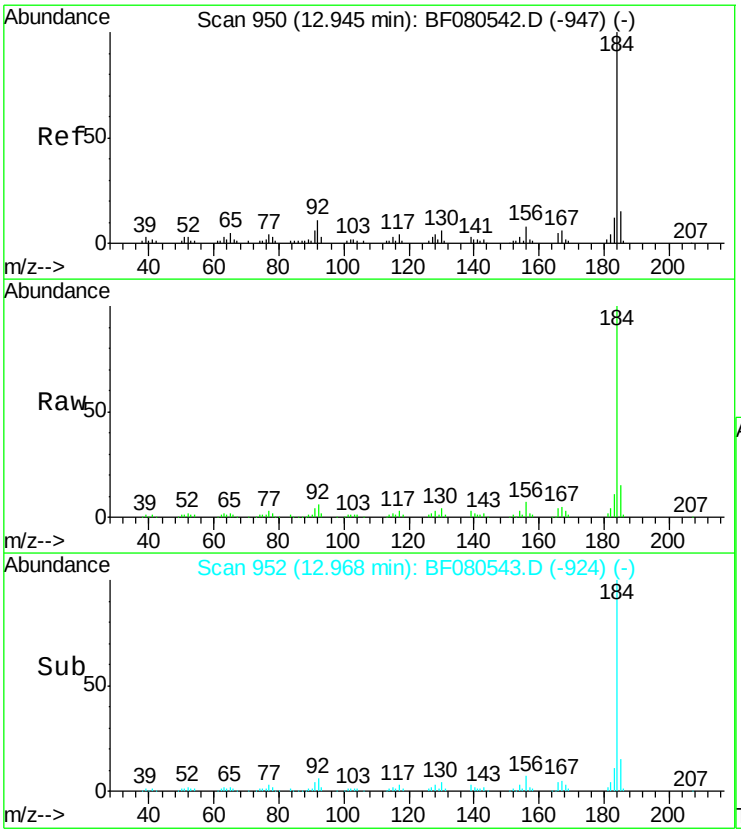
Tgt Ion:240 Resp: 112132

Ion	Ratio	Lower	Upper
240	100		
120	18.4	13.6	20.4
236	25.6	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

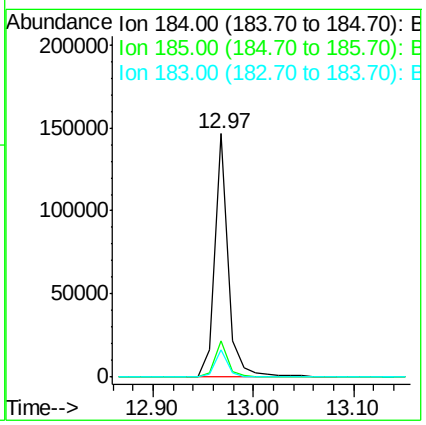
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

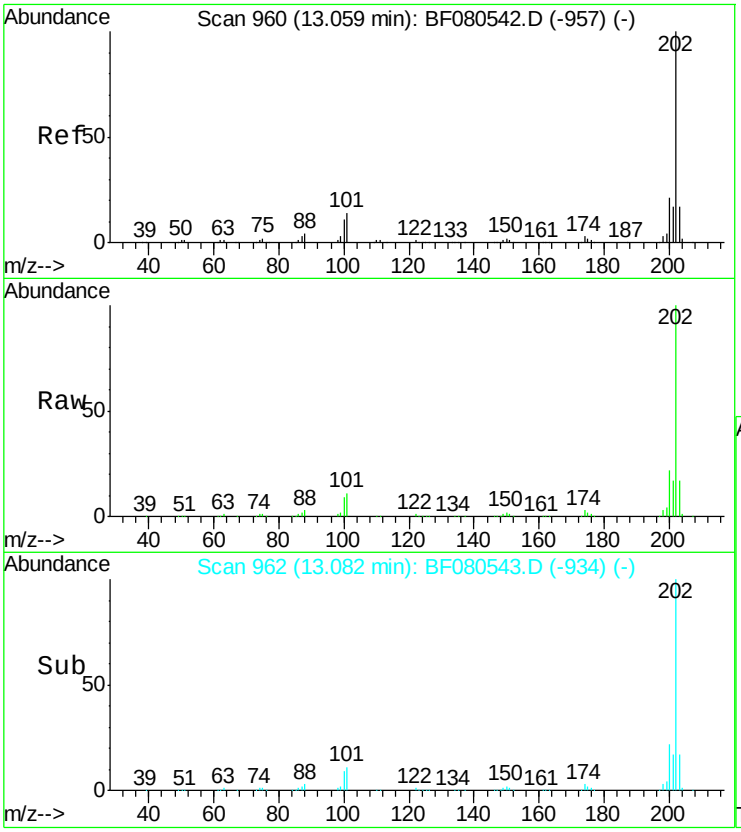


#76
Benzidine
Concen: 45.25 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.02 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:184 Resp: 135764

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.4	9.3	13.9

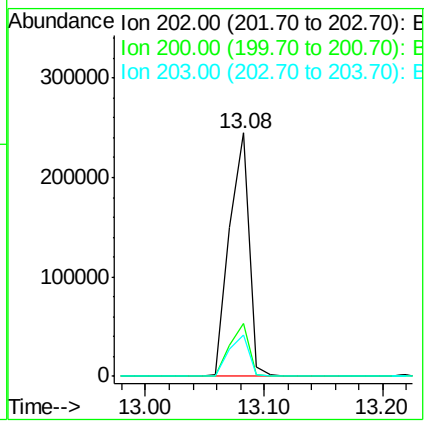




#77
Pyrene
Concen: 38.76 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.02 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

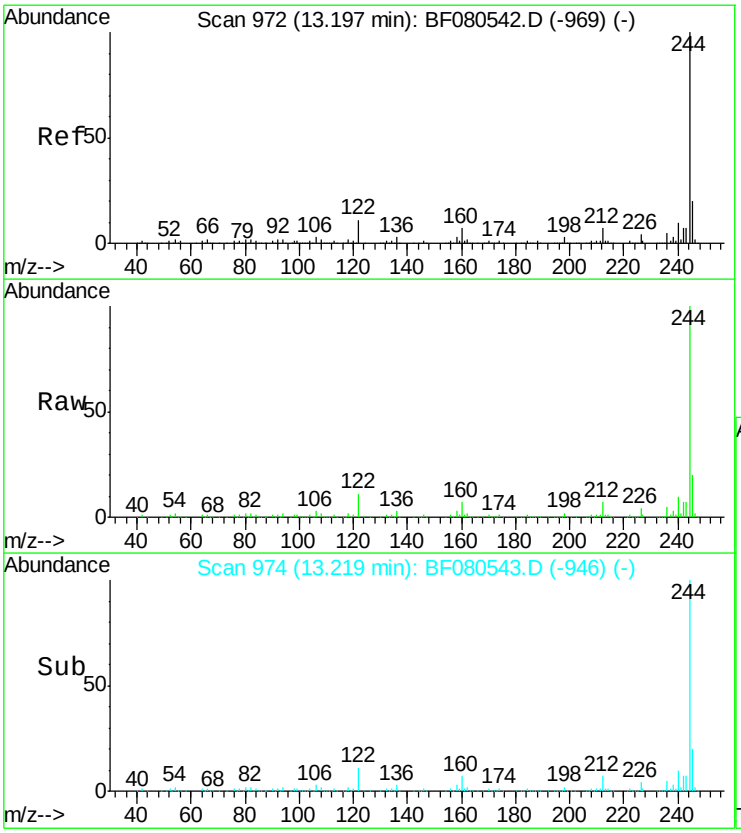
Tgt Ion:202 Resp: 280496

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	17.2	14.0	21.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

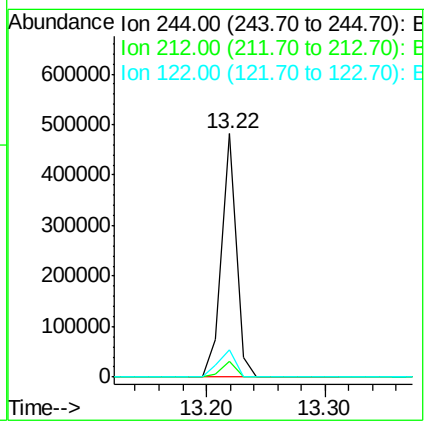
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

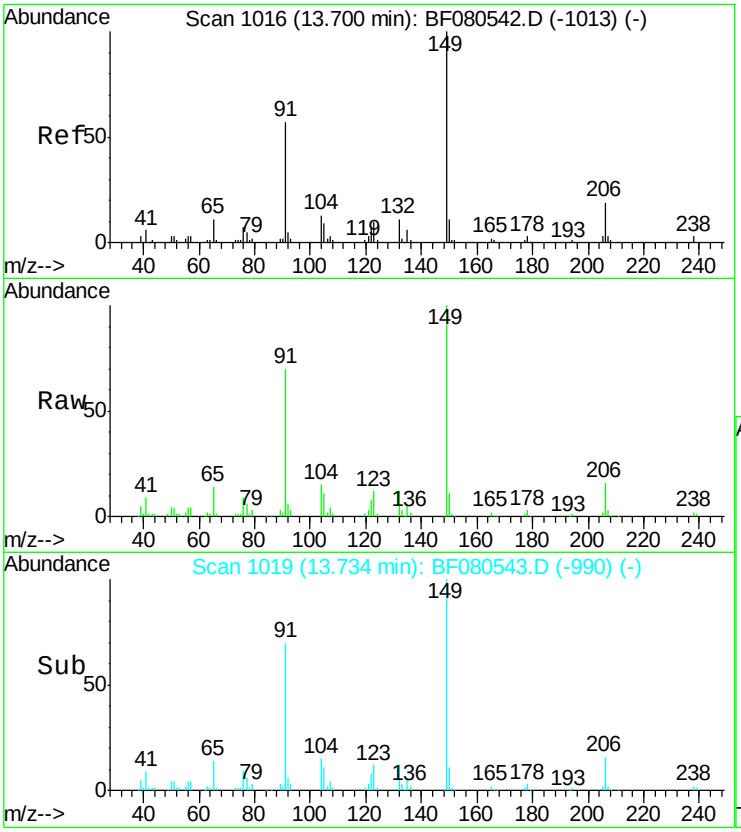


#78
Terphenyl-d14
Concen: 81.81 ng
RT: 13.22 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:244 Resp: 410796

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.4	9.0	13.4

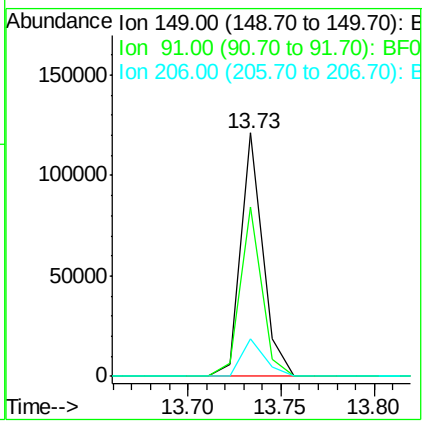




#79
Butylbenzylphthalate
Concen: 42.37 ng
RT: 13.73 min Scan# 1019
Delta R.T. 0.03 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

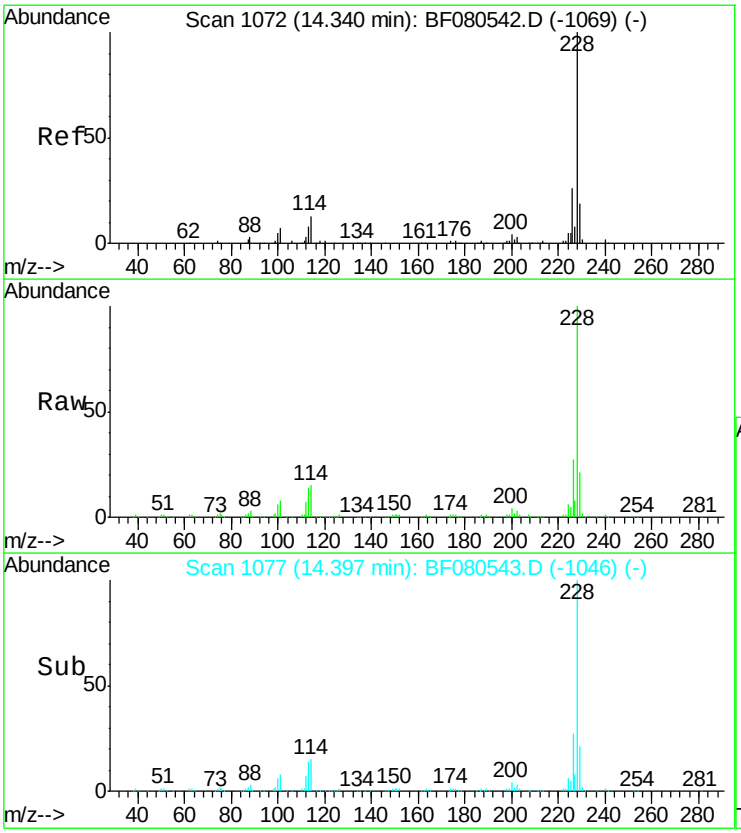
Tgt Ion:149 Resp: 100365

Ion	Ratio	Lower	Upper
149	100		
91	69.5	45.6	68.4#
206	15.6	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

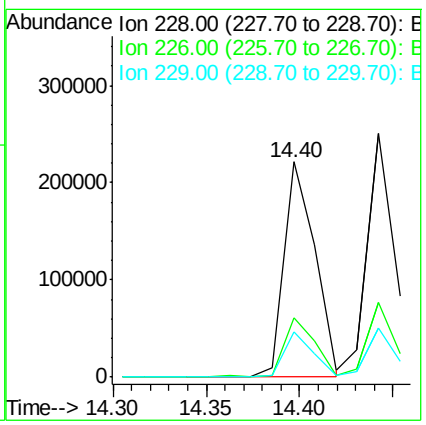
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

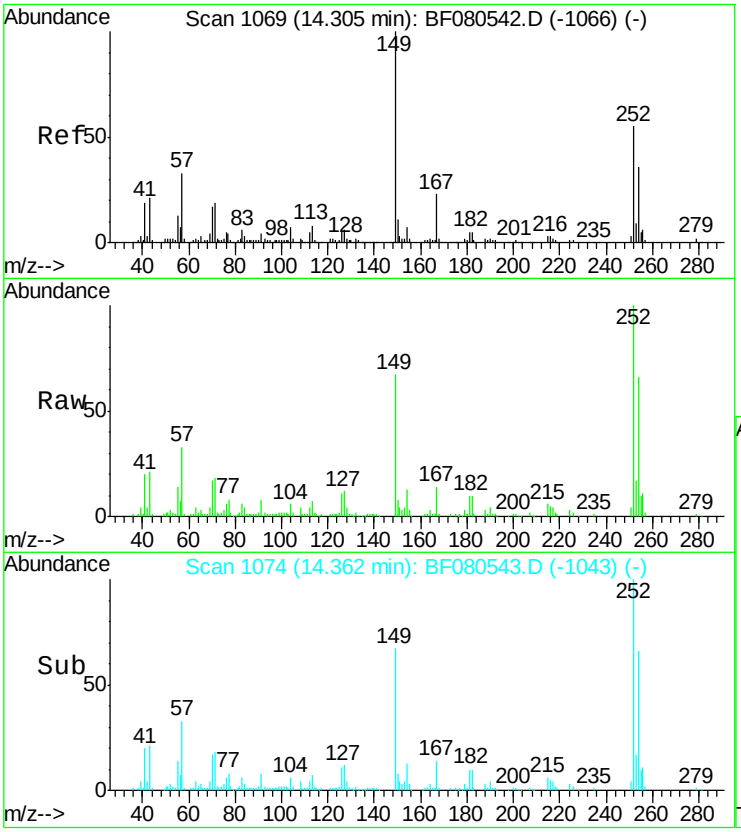


#80
Benzo(a)anthracene
Concen: 41.16 ng
RT: 14.40 min Scan# 1077
Delta R.T. 0.06 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:228 Resp: 256893

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.8	15.5	23.3

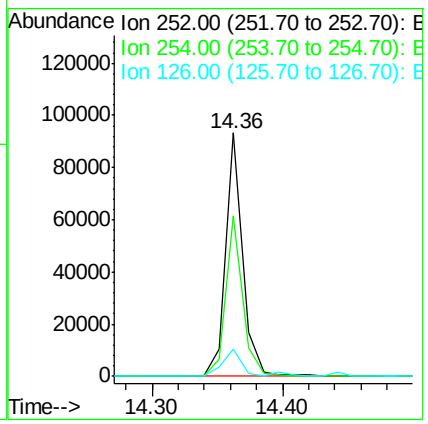




#81
3,3'-Dichlorobenzidine
Concen: 43.17 ng
RT: 14.36 min Scan# 1074
Delta R.T. 0.06 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

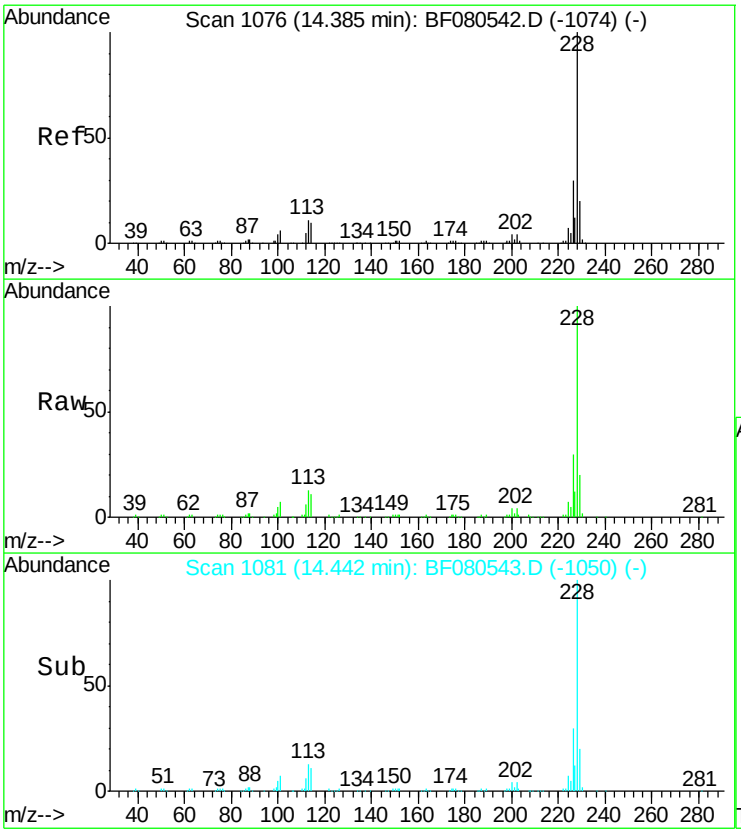
Tgt Ion:252 Resp: 85100

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.6	77.4
126	11.3	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

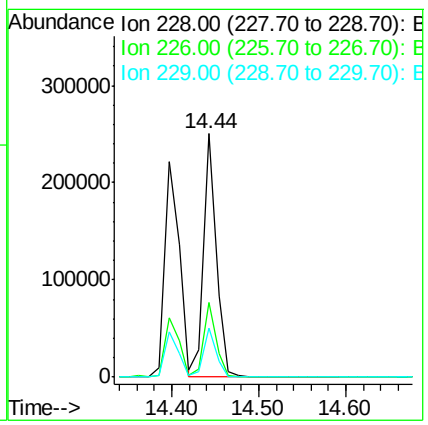
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

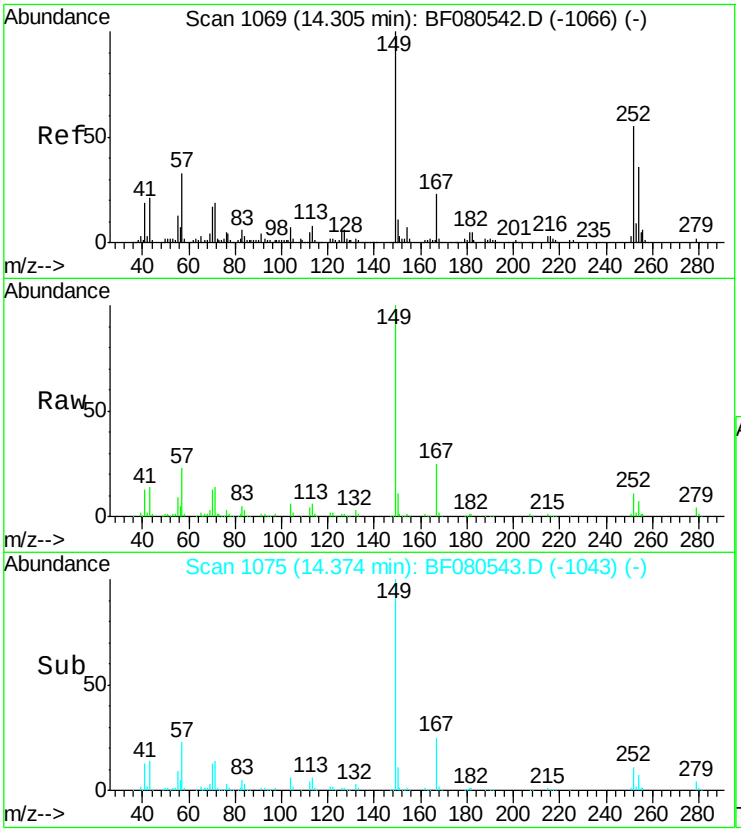


#82
Chrysene
Concen: 41.01 ng
RT: 14.44 min Scan# 1081
Delta R.T. 0.06 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:228 Resp: 256460

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.3	15.8	23.6





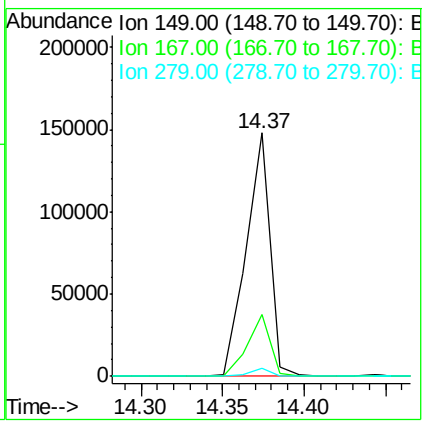
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.45 ng
RT: 14.37 min Scan# 1075
Delta R.T. 0.07 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

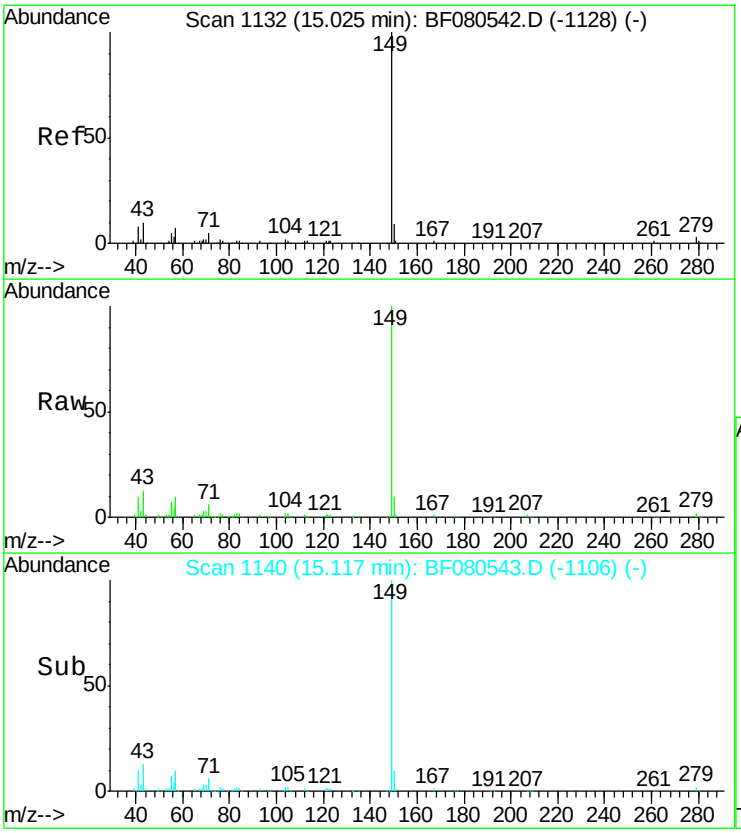
Tgt Ion:149 Resp: 149404

Ion	Ratio	Lower	Upper
149	100		
167	25.2	18.6	27.8
279	3.5	1.6	2.4#

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

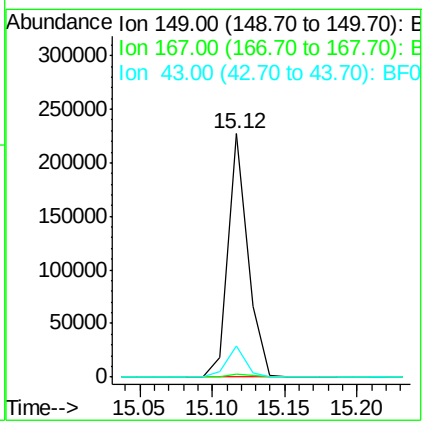


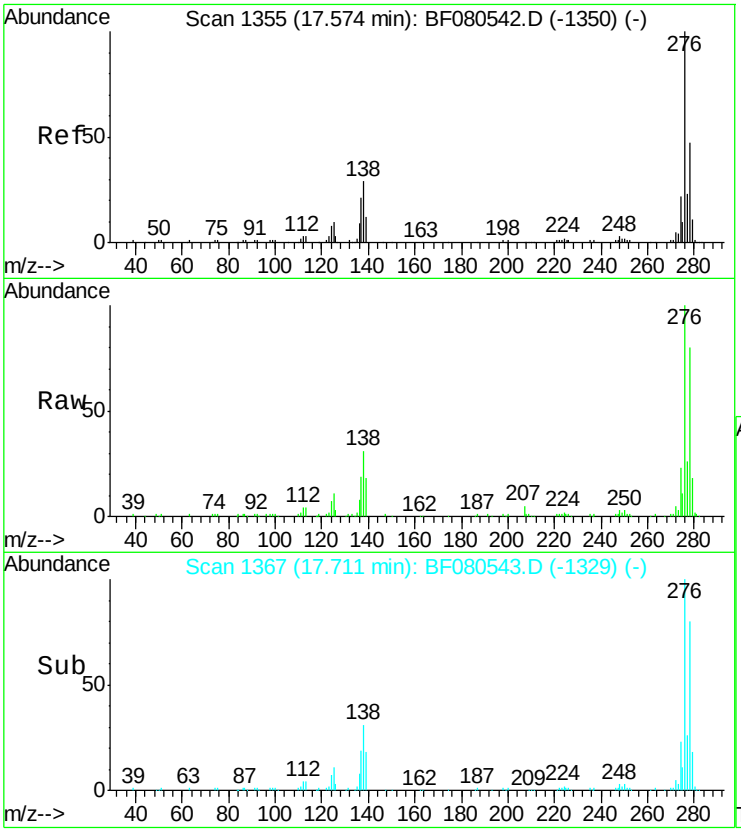


#84
Di-n-octyl phthalate
Concen: 41.81 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.09 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:149 Resp: 215617

Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.0	1.6
43	12.4	10.0	15.0

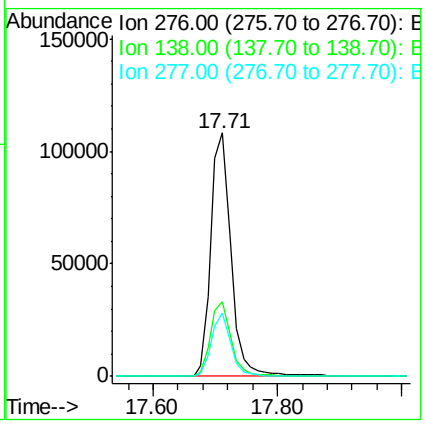




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.48 ng
RT: 17.71 min Scan# 1367
Delta R.T. 0.14 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

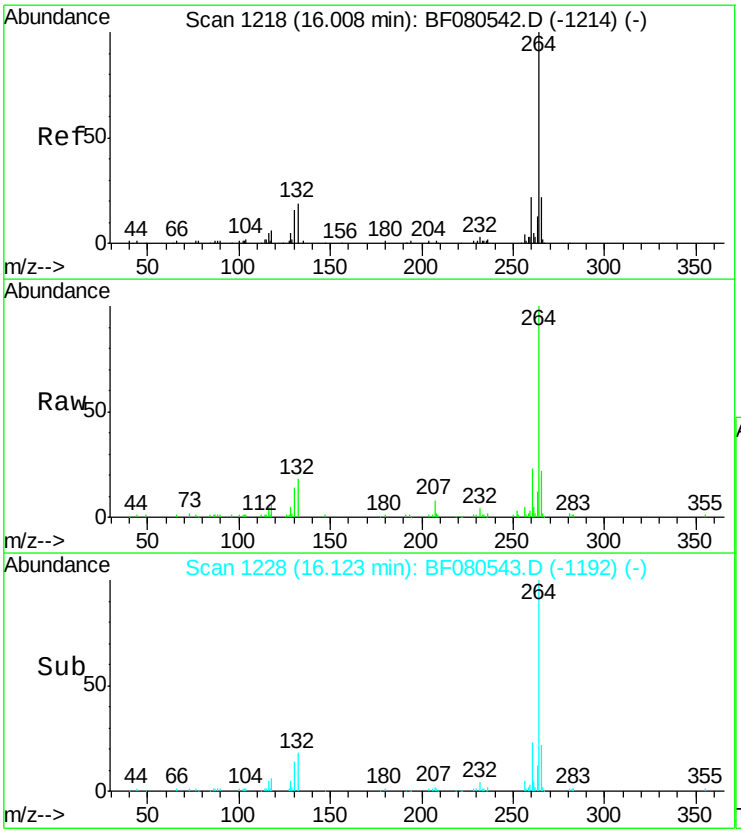
Tgt Ion:276 Resp: 241472

Ion	Ratio	Lower	Upper
276	100		
138	31.2	23.9	35.9
277	25.1	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

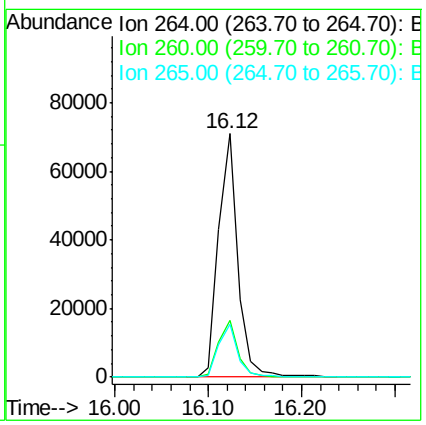
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

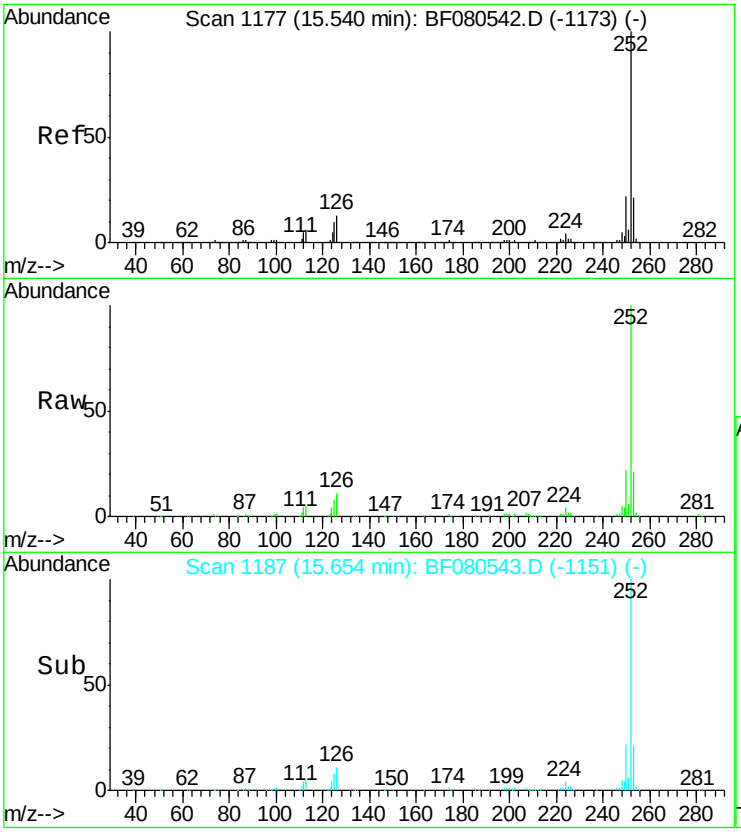


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1228
Delta R.T. 0.11 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:264 Resp: 101848

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.8
265	21.9	17.2	25.8





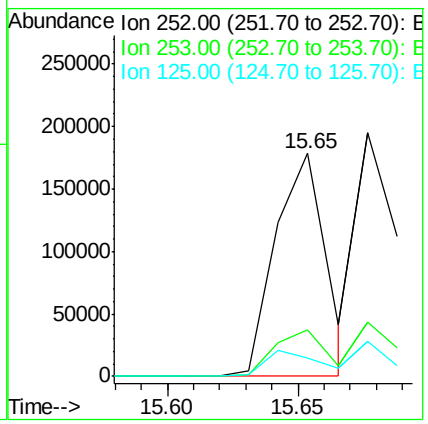
#87
Benzo(b)fluoranthene
Concen: 37.67 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.11 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

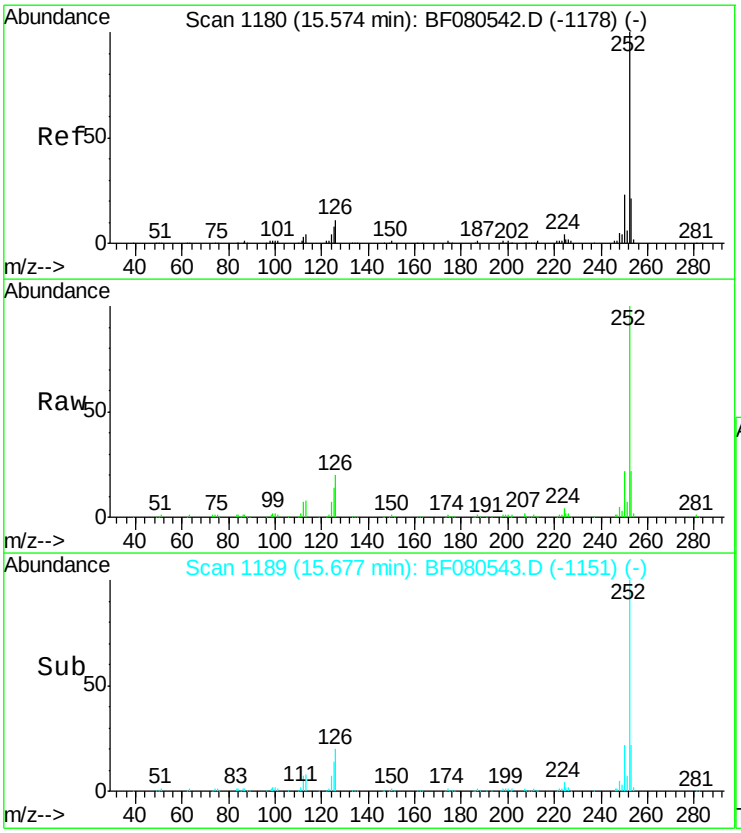
Tgt Ion:252 Resp: 237833

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	8.1	8.1	12.1#

Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

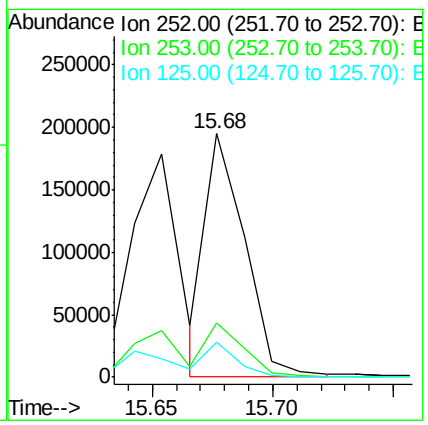


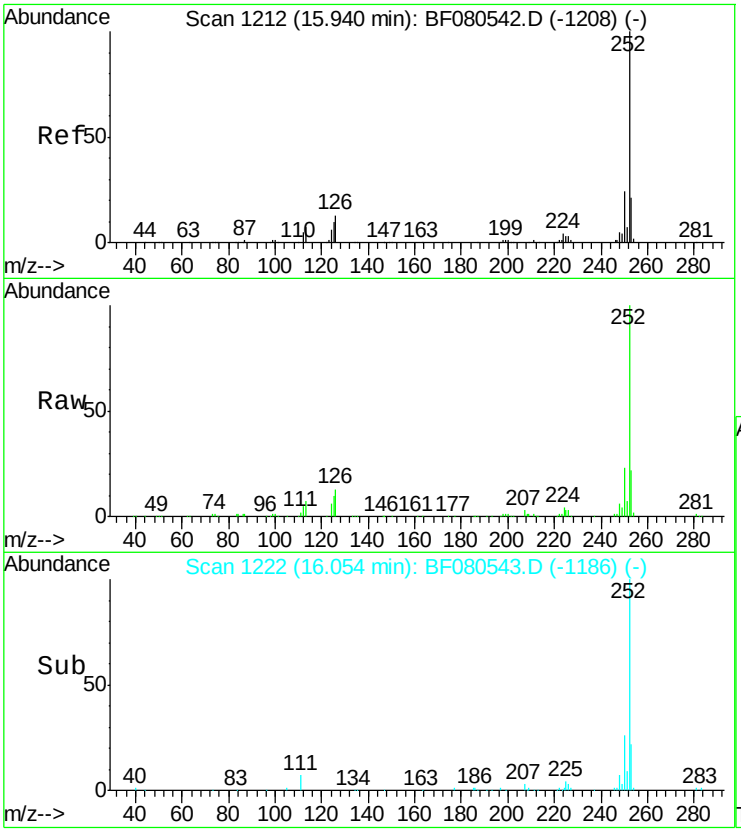


#88
Benzo(k)fluoranthene
Concen: 40.99 ng m
RT: 15.68 min Scan# 1189
Delta R.T. 0.14 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:252 Resp: 224083

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.3	8.1	12.1#

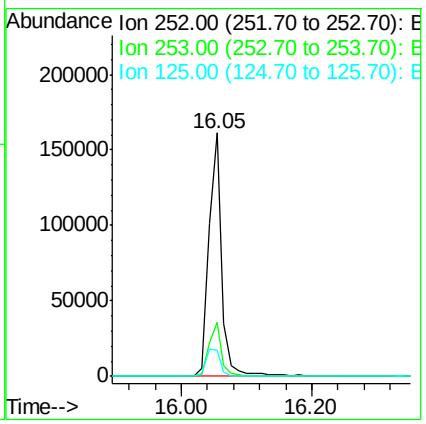




#89
Benzo(a)pyrene
Concen: 41.48 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.11 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

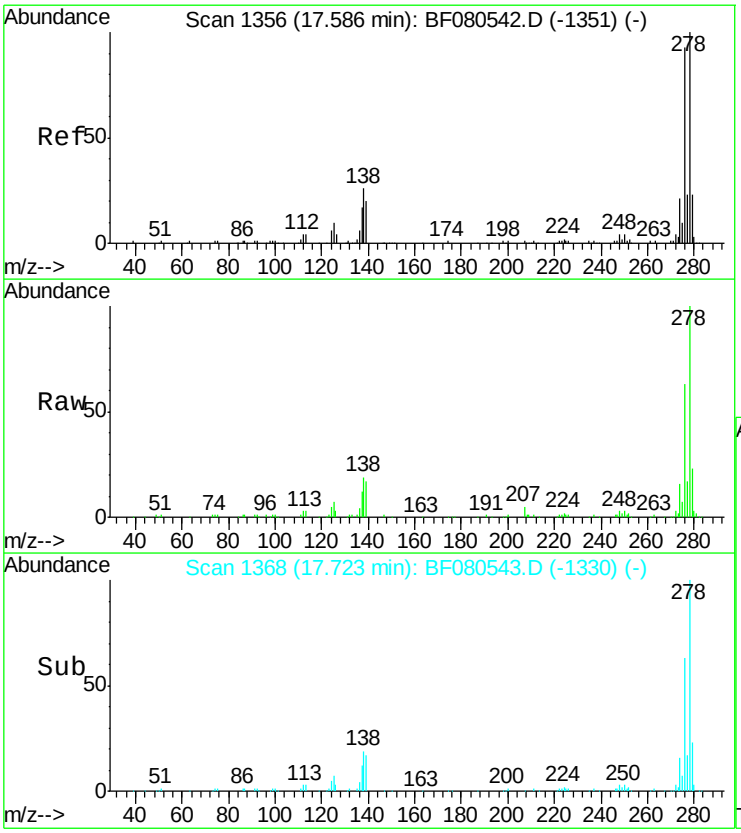
Tgt Ion:252 Resp: 223155

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.5	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

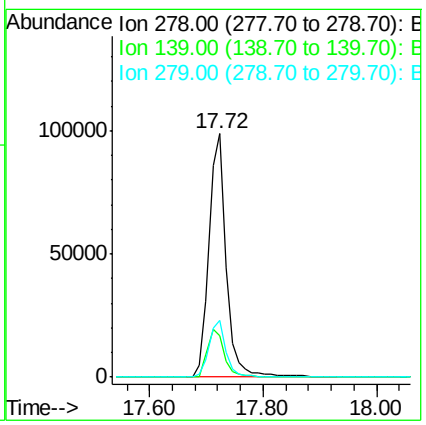
Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM

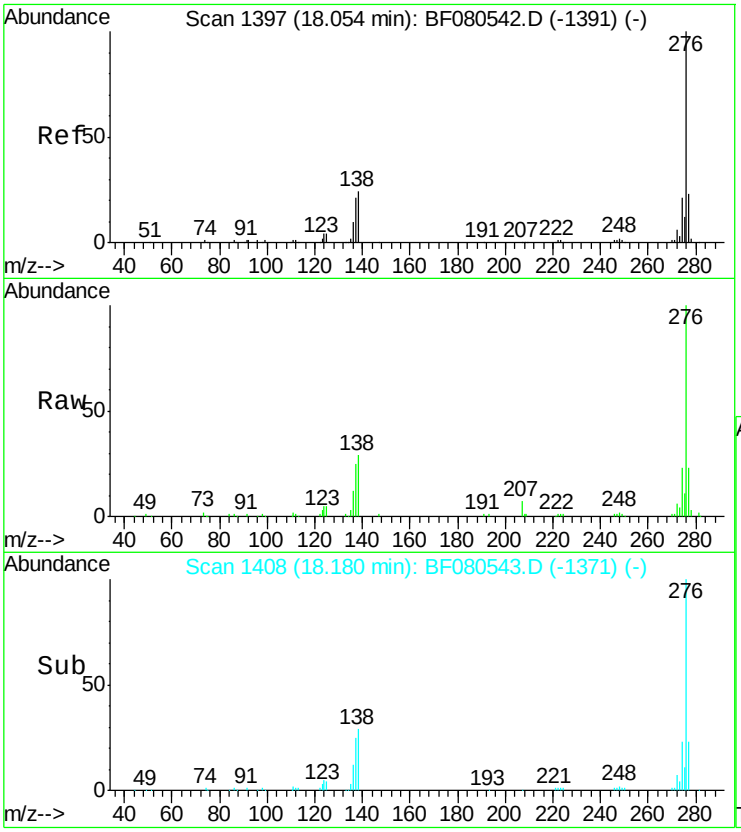


#90
Dibenzo(a,h)anthracene
Concen: 38.55 ng
RT: 17.72 min Scan# 1368
Delta R.T. 0.14 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:278 Resp: 204209

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.2	24.2
279	23.4	18.6	27.8

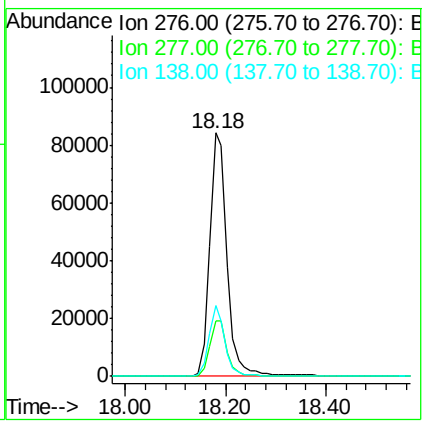




#91
Benzo(g,h,i)perylene
Concen: 37.41 ng
RT: 18.18 min Scan# 1408
Delta R.T. 0.13 min
Lab File: BF080543.D
Acq: 17 Jul 2015 19:57

Tgt Ion:276 Resp: 200062

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	29.1	19.1	28.7#



Instrument :
BNA_F
ClientSampleId :
ICVBF071715

Manual Integrations APPROVED
apatel
7/20/2015 3:44:09 PM