Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085175.D
Acq On : 4 Mar 2016 00:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

Quant Time: Mar 04 03:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	244051	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	932849	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	431921	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	814801	20.00	ng	0.00
75) Chrysene-d12	14.14	240	476005	20.00	ng	-0.01
86) Perylene-d12	15.61	264	387200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1024081	70.39	ng	0.00
7) Phenol-d6	6.61	99	1392980	73.08	ng	0.00
23) Nitrobenzene-d5	7.54	82	1421372	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	313555	84.84	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2210447	77.83	ng	0.00
78) Terphenyl-d14	13.09	244	1685129	82.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	274195	36.85	ng	100
3) Pyridine	3.44	79	767167	41.20	ng	99
4) n-Nitrosodimethylamine	3.40	42	301048	37.77	ng	96
6) Aniline	6.64	93	1036369	38.79	ng	100
8) 2-Chlorophenol	6.77	128	670795	38.30	ng	99
9) Benzaldehyde	6.53	77	337120	36.83	ng	99
10) Phenol	6.62	94	738838m	36.19	ng	
11) bis(2-Chloroethyl)ether	6.72	93	682653	40.26	ng	96
12) 1,3-Dichlorobenzene	6.93	146	725003	38.55	ng	99
13) 1,4-Dichlorobenzene	7.00	146	681227	36.14	ng	98
14) 1,2-Dichlorobenzene	7.16	146	682533	39.91	ng	100
15) Benzyl Alcohol	7.12	79	533738	38.14	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.26	45	914175	37.40	ng	99
17) 2-Methylphenol	7.22	107	579523	40.55	ng	97
18) Hexachloroethane	7.50	117	276220	39.73	ng	98
19) n-Nitroso-di-n-propylamine	7.41	70	470692	37.89	ng	98
20) 3+4-Methylphenols	7.38	107	602027	35.56	ng	98
22) Acetophenone	7.40	105	918757	40.35	ng	99
24) Nitrobenzene	7.57	77	740997	41.84	ng	99
25) Isophorone	7.81	82	1322631	40.94	ng	100
26) 2-Nitrophenol	7.89	139	367701	42.67	ng	99
27) 2,4-Dimethylphenol	7.92	122	658642	41.82	ng	99
28) bis(2-Chloroethoxy)methane	8.01	93	703739	39.11	ng	100
29) 2,4-Dichlorophenol	8.13	162	523139	41.19	ng	99
30) 1,2,4-Trichlorobenzene	8.21	180	551090	40.13	ng	98
31) Naphthalene	8.29	128	1732600	37.77	ng	99
32) Benzoic acid	8.05	122	467977	44.74	ng	98
33) 4-Chloroaniline	8.33	127	708486	38.19	ng	99
34) Hexachlorobutadiene	8.41	225	300279	42.02	ng	100
35) Caprolactam	8.72	113	185451m	44.71	ng	
36) 4-Chloro-3-methylphenol	8.81	107	583512	40.49	ng	99
37) 2-Methylnaphthalene	8.98	142	1200447	40.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	471866	38.20	ng	99
40) Hexachlorocyclopentadiene	9.13	237	278059	41.74	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085175.D
Acq On : 4 Mar 2016 00:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

Quant Time: Mar 04 03:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	379592	41.28	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	368358	42.25	ng	99
45) 1,1'-Biphenyl	9.44	154	1370715	37.15	ng	100
46) 2-Chloronaphthalene	9.48	162	1138060	40.46	ng	100
47) 2-Nitroaniline	9.56	65	357788	41.05	ng	99
48) Acenaphthylene	9.89	152	1692217	38.65	ng	100
49) Dimethylphthalate	9.75	163	1375260	41.48	ng	99
50) 2,6-Dinitrotoluene	9.81	165	301524	42.52	ng	99
51) Acenaphthene	10.06	154	1015853	38.22	ng	99
52) 3-Nitroaniline	9.98	138	373414	44.01	ng	99
53) 2,4-Dinitrophenol	10.07	184	133961	41.51	ng	95
54) Dibenzofuran	10.23	168	1393181	40.01	ng	100
55) 4-Nitrophenol	10.13	139	290797	43.61	ng	94
56) 2,4-Dinitrotoluene	10.21	165	378051	41.65	ng	100
57) Fluorene	10.57	166	1103631	40.34	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	269543	44.01	ng	98
59) Diethylphthalate	10.45	149	1306911	40.62	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	529238	39.76	ng	99
61) 4-Nitroaniline	10.58	138	316758	39.91	ng	100
62) Azobenzene	10.72	77	1297220	40.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	226972	46.52	ng	91
65) n-Nitrosodiphenylamine	10.68	169	975171	38.48	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	324681	41.04	ng	98
67) Hexachlorobenzene	11.12	284	352240	41.73	ng	100
68) Atrazine	11.20	200	242921	34.47	ng	99
69) Pentachlorophenol	11.30	266	195844	41.80	ng	99
70) Phenanthrene	11.53	178	1546370	36.21	ng	100
71) Anthracene	11.59	178	1704004	37.59	ng	99
72) Carbazole	11.74	167	1550410	39.00	ng	100
73) Di-n-butylphthalate	12.06	149	1829957	36.42	ng	100
74) Fluoranthene	12.72	202	1669630	38.96	ng	98
76) Benzidine	12.84	184	648270	45.76	ng	100
77) Pyrene	12.95	202	1623887	45.33	ng	100
79) Butylbenzylphthalate	13.56	149	677331	41.67	ng	99
80) Benzo(a)anthracene	14.13	228	1158885	40.67	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	411812	45.81	ng	99
82) Chrysene	14.17	228	1186653	45.08	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	907548	42.42	ng	99
84) Di-n-octyl phthalate	14.73	149	1453436	44.61	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	1005780	48.96	ng	99
87) Benzo(b)fluoranthene	15.18	252	1109916	43.01	ng	99
88) Benzo(k)fluoranthene	15.21	252	688679m	33.08	ng	
89) Benzo(a)pyrene	15.56	252	861729	40.29	ng	99
90) Dibenzo(a,h)anthracene	17.11	278	834656	45.72	ng	99
91) Benzo(g,h,i)perylene	17.55	276	854078	46.53	ng	100

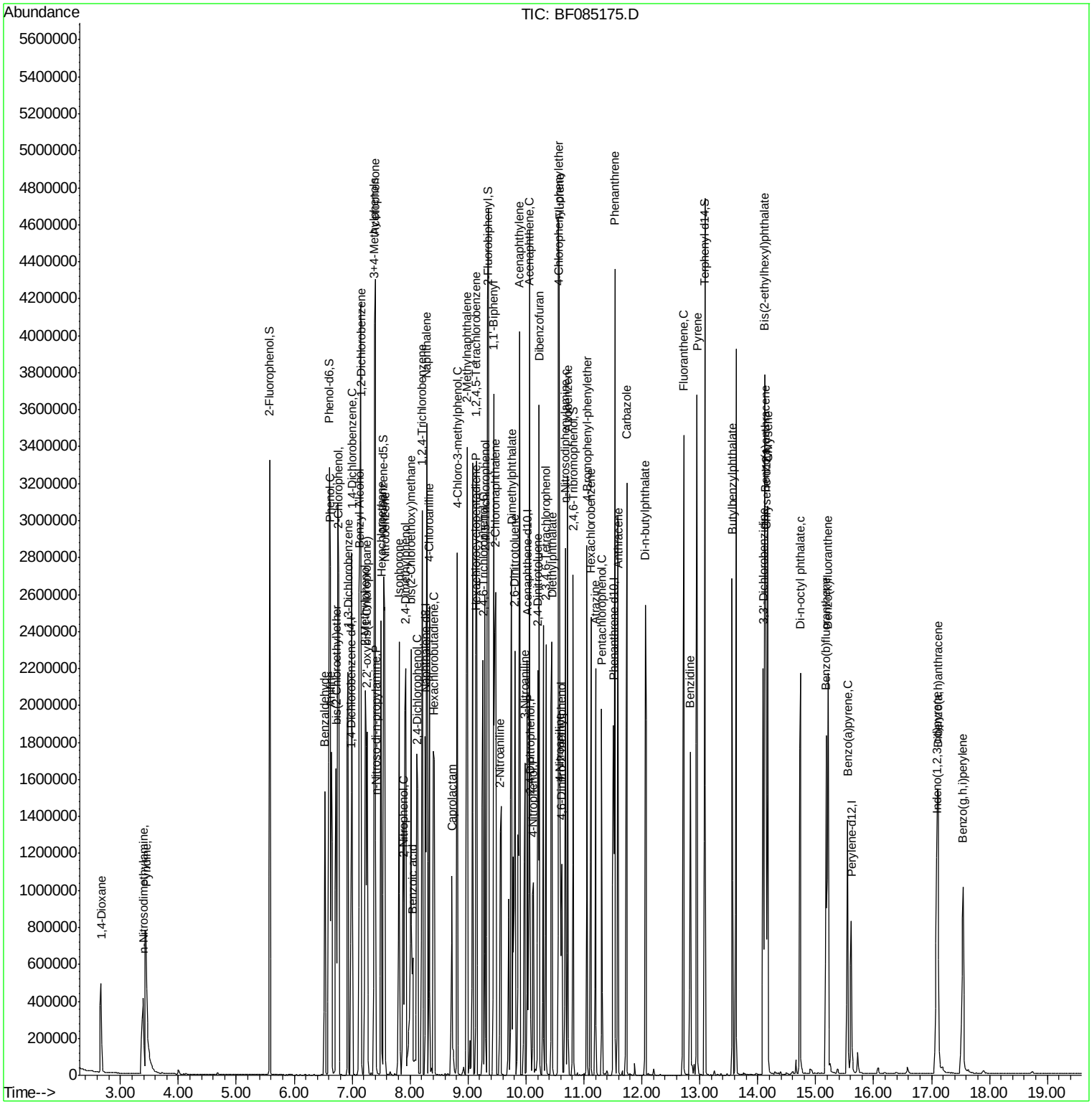
(#) = qualifier out of range (m) = manual integration (+) = signals summed

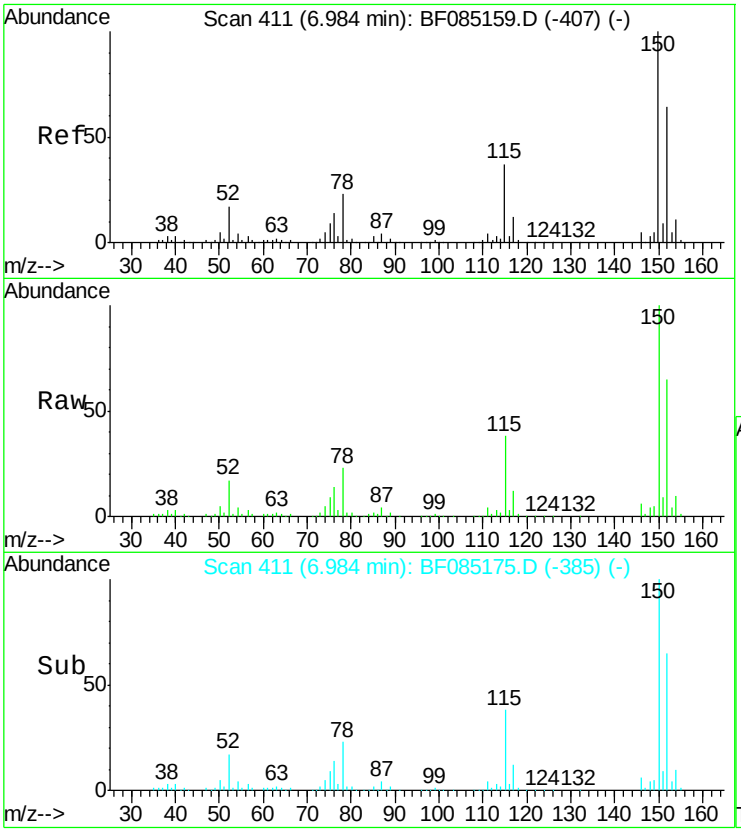
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085175.D
Acq On : 4 Mar 2016 00:02
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 04 03:14:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

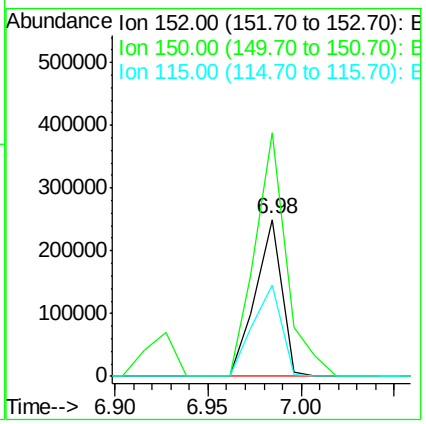




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

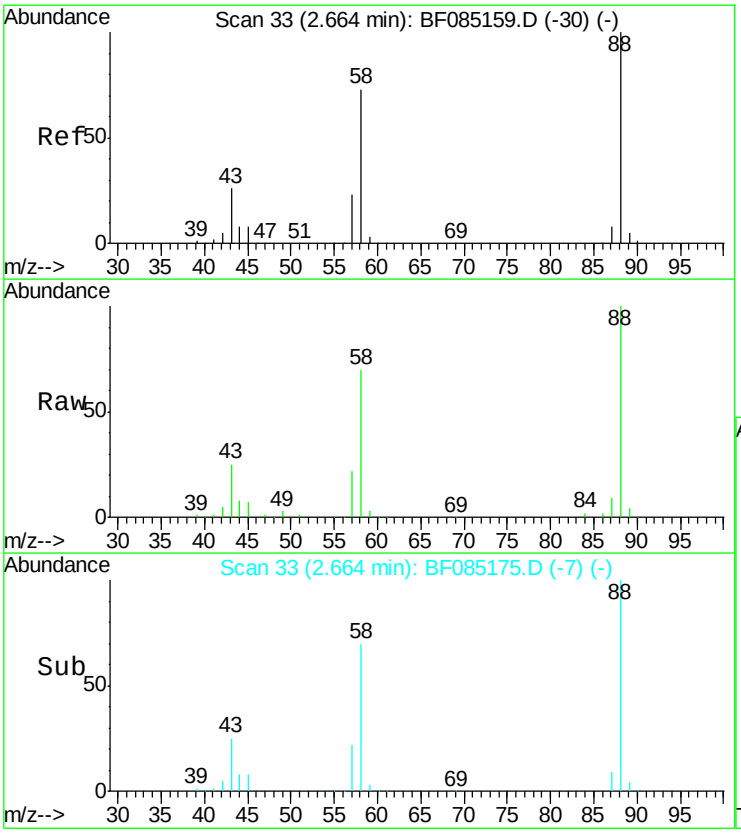
Tgt Ion:152 Resp: 244051

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.5	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

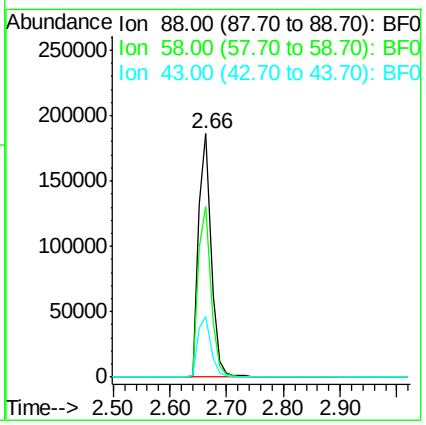
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

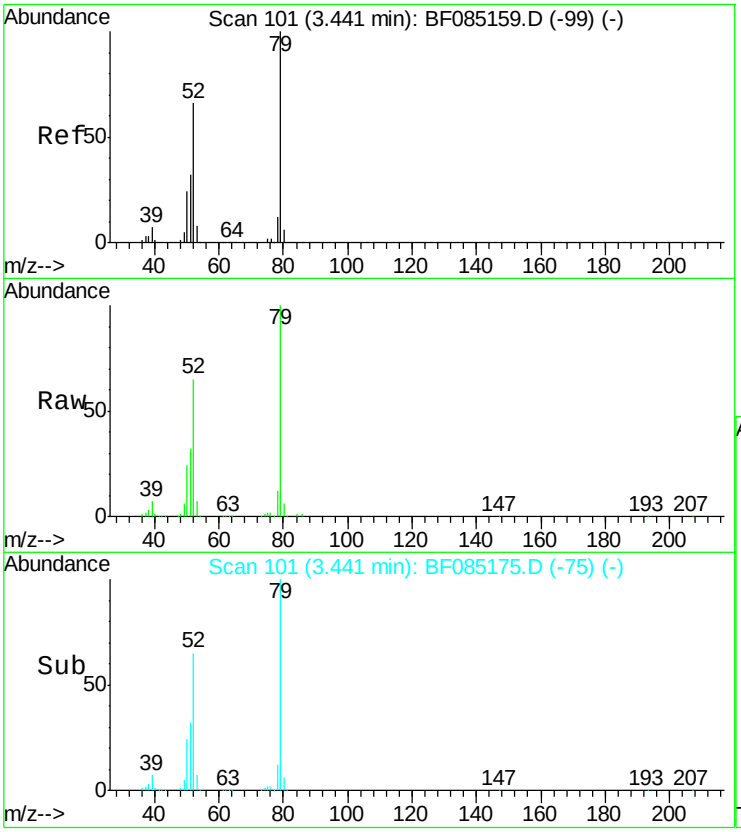


#2
1,4-Dioxane
Concen: 36.85 ng
RT: 2.66 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 88 Resp: 274195

Ion	Ratio	Lower	Upper
88	100		
58	71.0	57.0	85.6
43	26.0	20.5	30.7

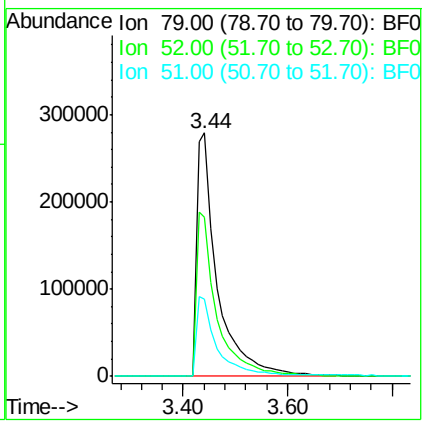




#3
Pyridine
Concen: 41.20 ng
RT: 3.44 min Scan# 101
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

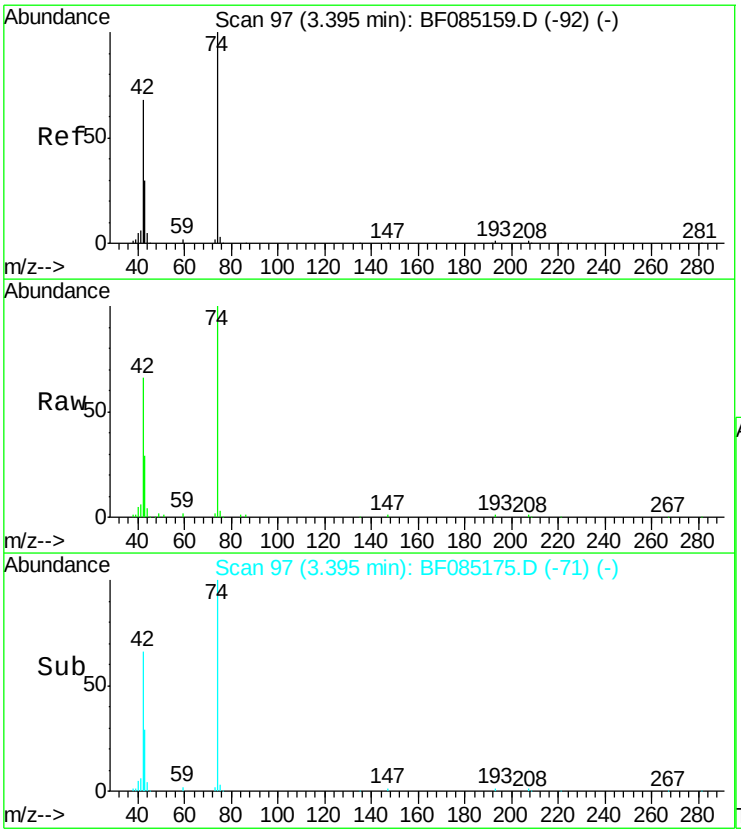
Tgt Ion: 79 Resp: 767167

Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.6	79.0
51	31.9	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

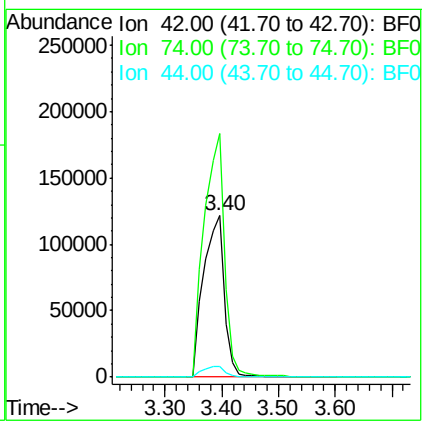
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

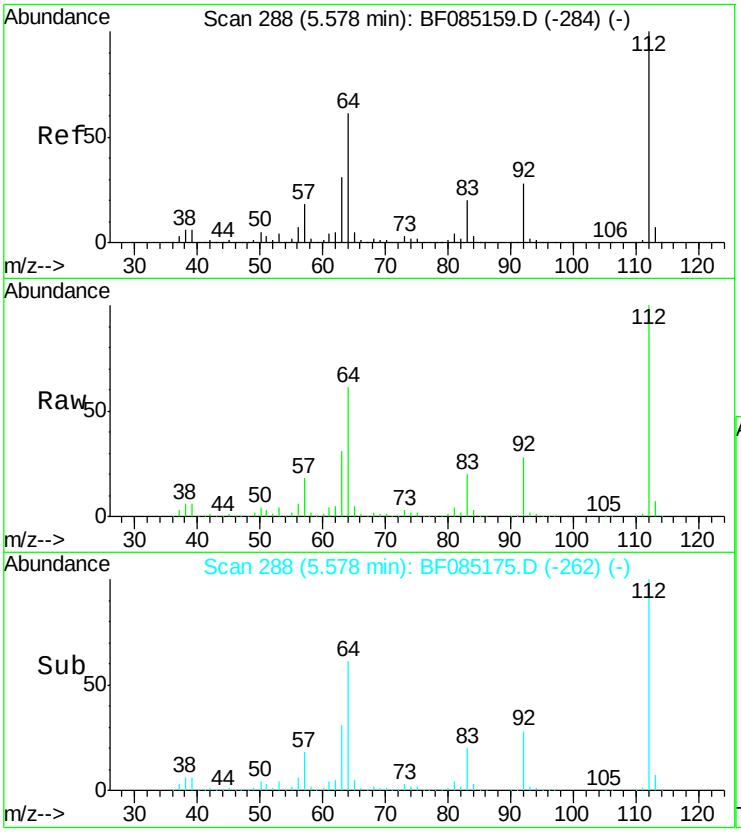


#4
n-Nitrosodimethylamine
Concen: 37.77 ng
RT: 3.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 42 Resp: 301048

Ion	Ratio	Lower	Upper
42	100		
74	151.2	116.8	175.2
44	6.8	5.5	8.3

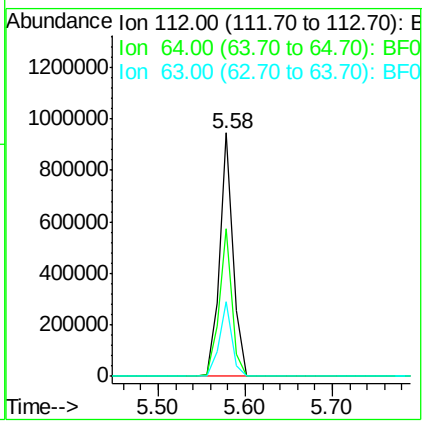




#5
2-Fluorophenol
Concen: 70.39 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

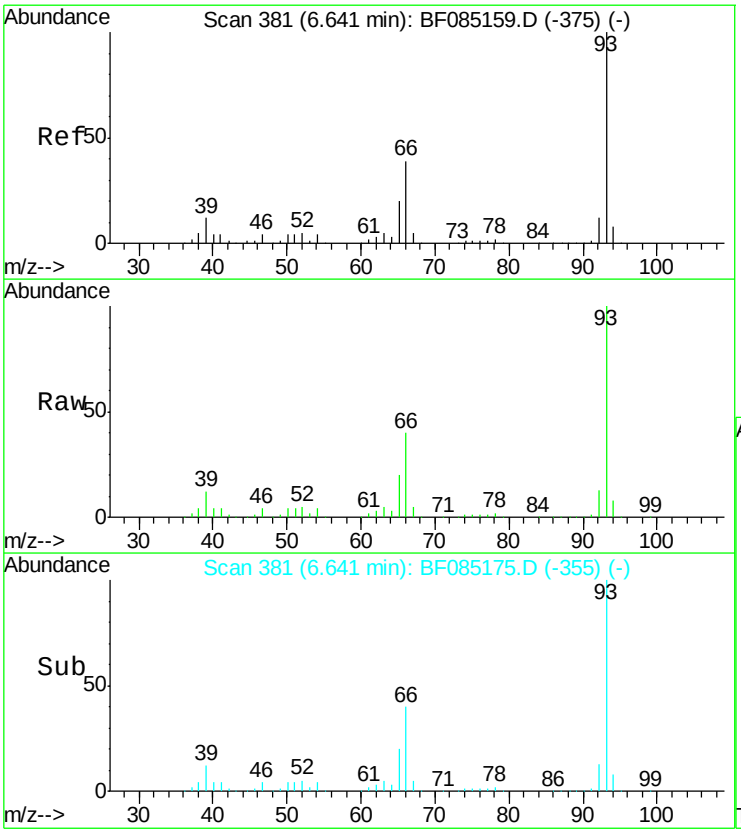
Tgt Ion:112 Resp: 1024081

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.0	73.4
63	30.7	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

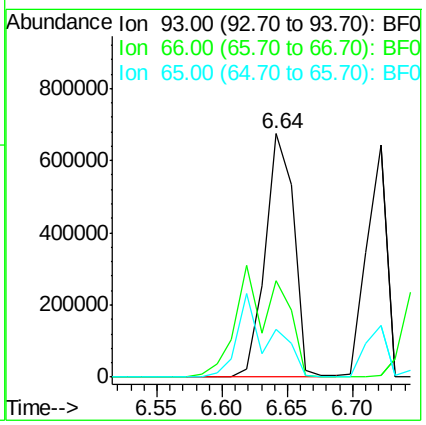
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

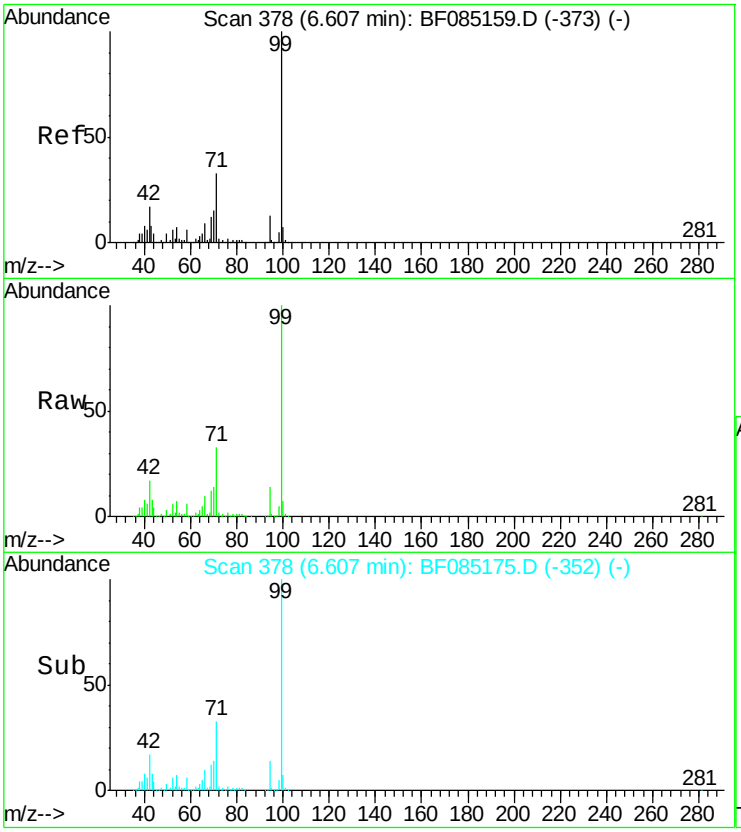


#6
Aniline
Concen: 38.79 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 93 Resp: 1036369

Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.6	47.4
65	19.6	15.8	23.8

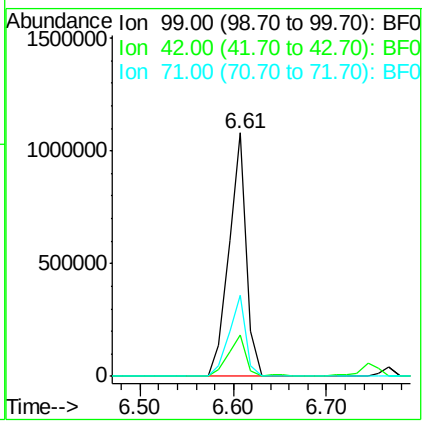




#7
Phenol-d6
Concen: 73.08 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

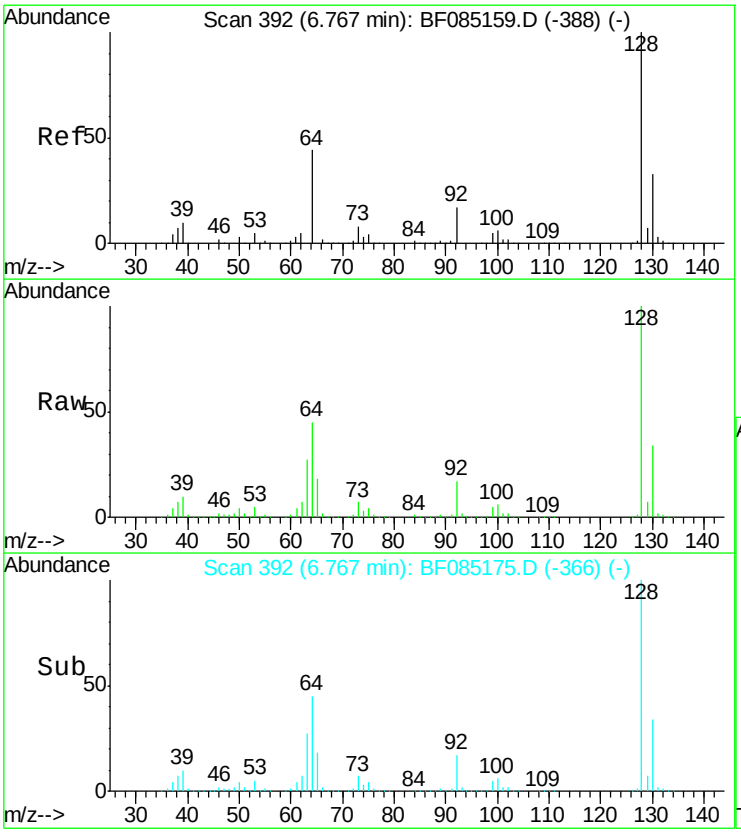
Tgt Ion: 99 Resp: 1392980

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	33.4	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

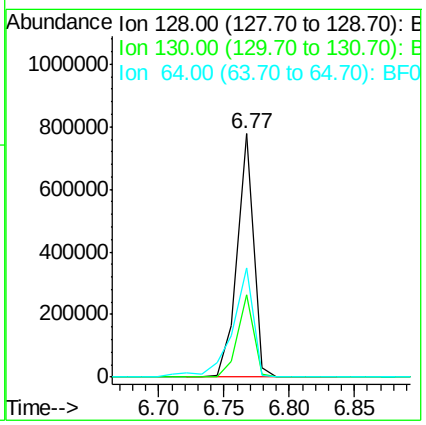
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

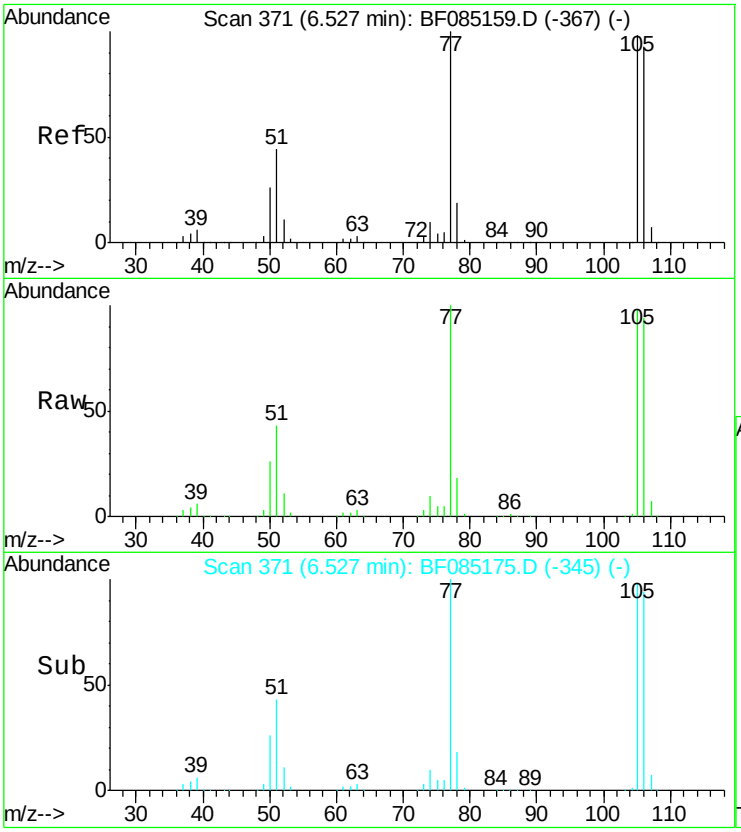


#8
2-Chlorophenol
Concen: 38.30 ng
RT: 6.77 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:128 Resp: 670795

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	44.8	25.7	65.7

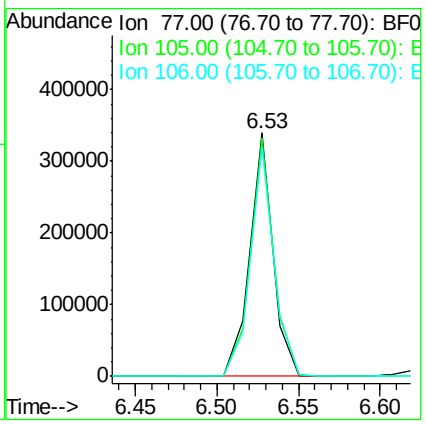




#9
Benzaldehyde
Concen: 36.83 ng
RT: 6.53 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

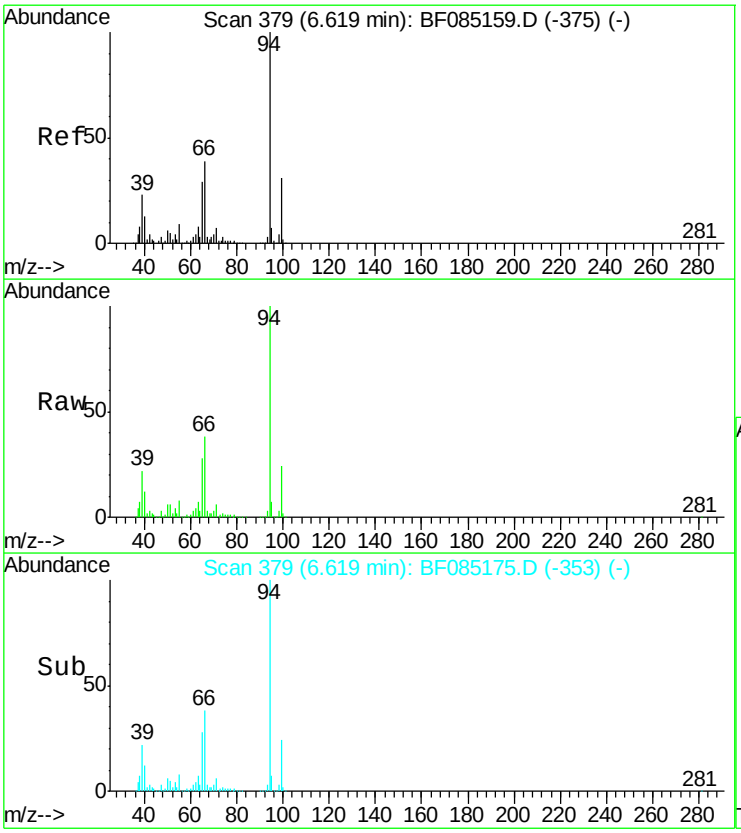
Tgt Ion: 77 Resp: 337120

Ion	Ratio	Lower	Upper
77	100		
105	98.0	78.2	118.2
106	94.2	72.9	112.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

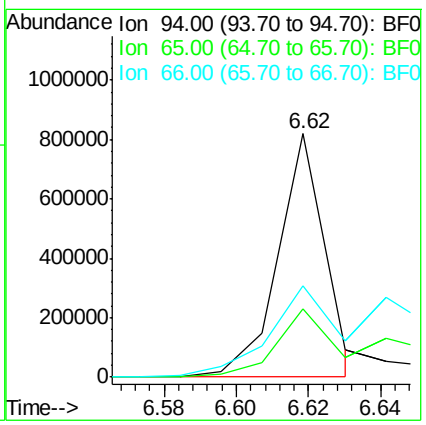
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

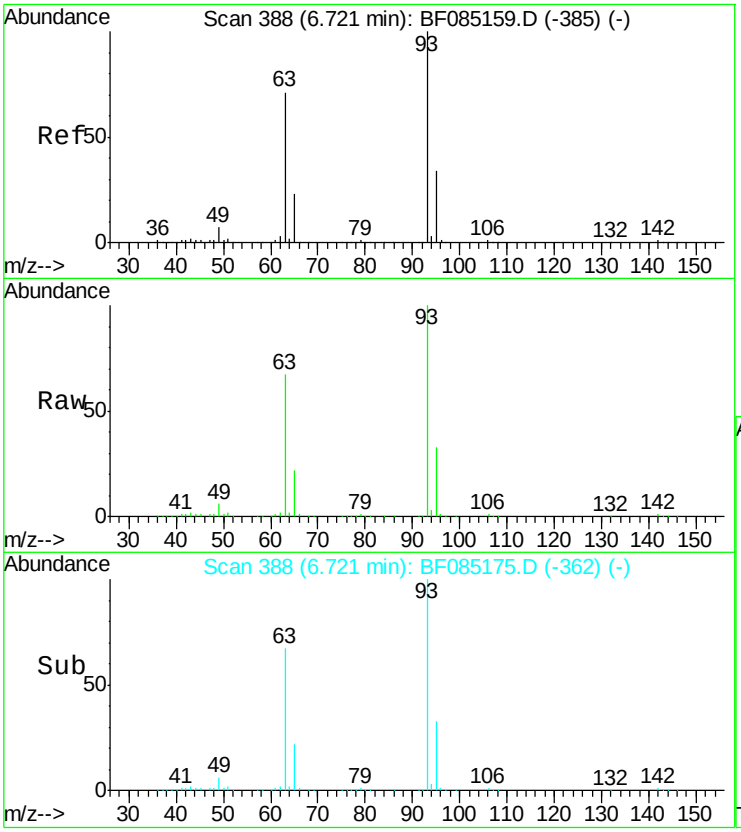


#10
Phenol
Concen: 36.19 ng m
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 94 Resp: 738838

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.1	49.1
66	37.7	19.3	59.3

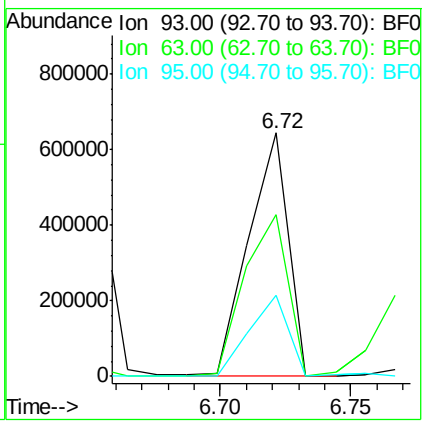




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.72 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

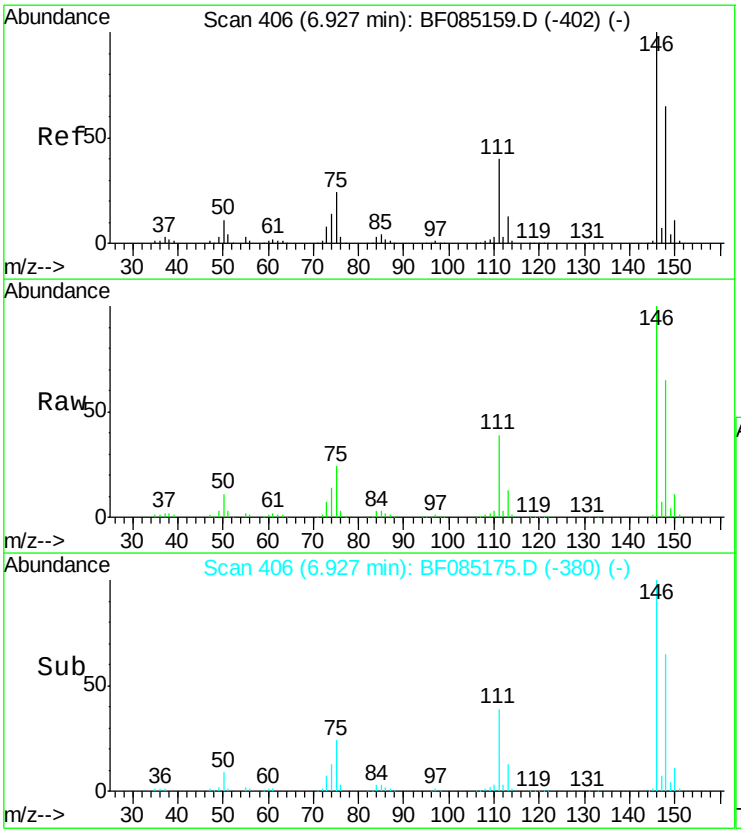
Tgt Ion: 93 Resp: 682653

Ion	Ratio	Lower	Upper
93	100		
63	66.5	50.9	90.9
95	33.2	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

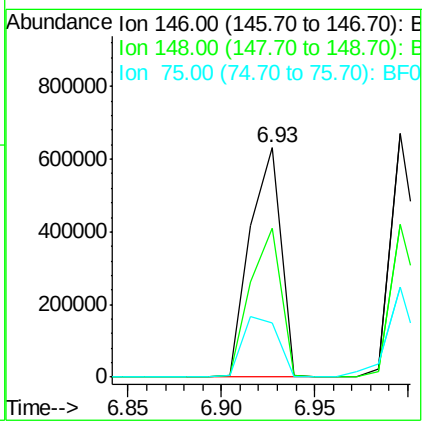
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

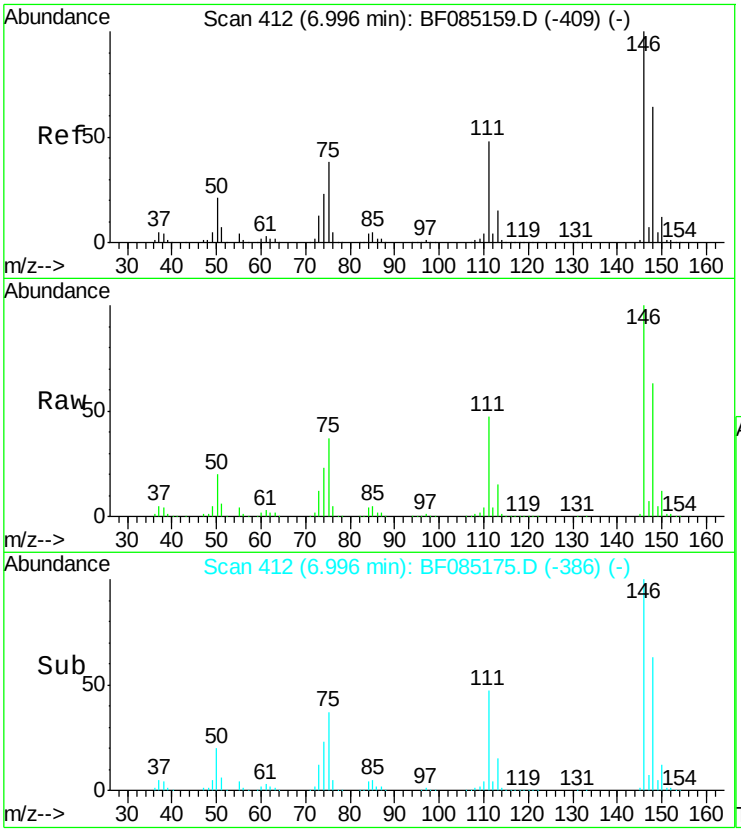


#12
1,3-Dichlorobenzene
Concen: 38.55 ng
RT: 6.93 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:146 Resp: 725003

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	23.9	19.5	29.3

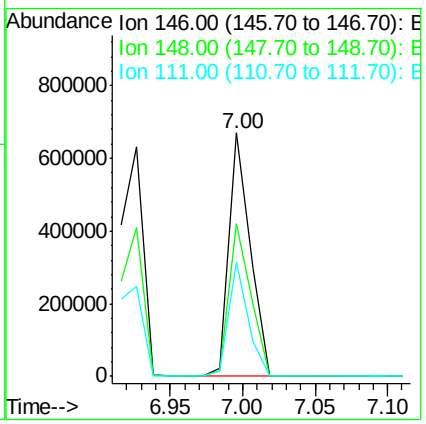




#13
1,4-Dichlorobenzene
Concen: 36.14 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

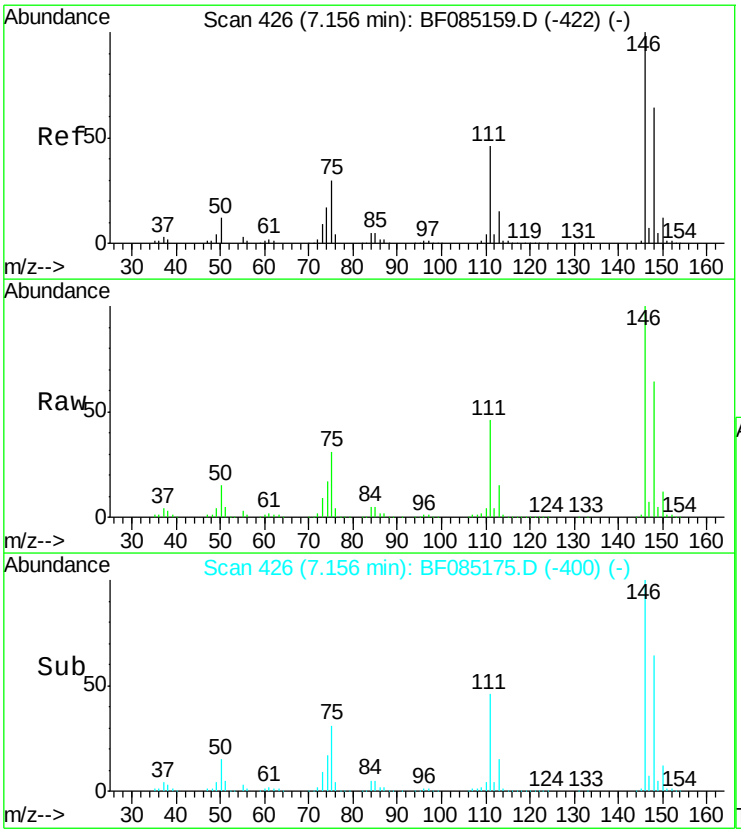
Tgt Ion:146 Resp: 681227

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	46.9	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

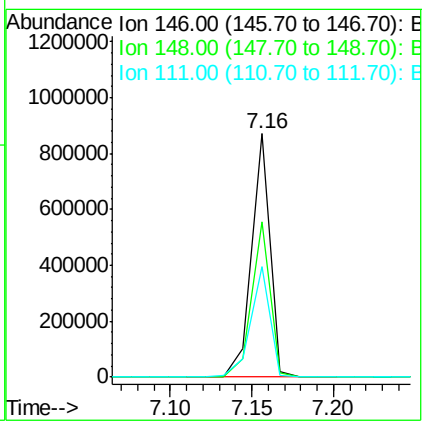
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

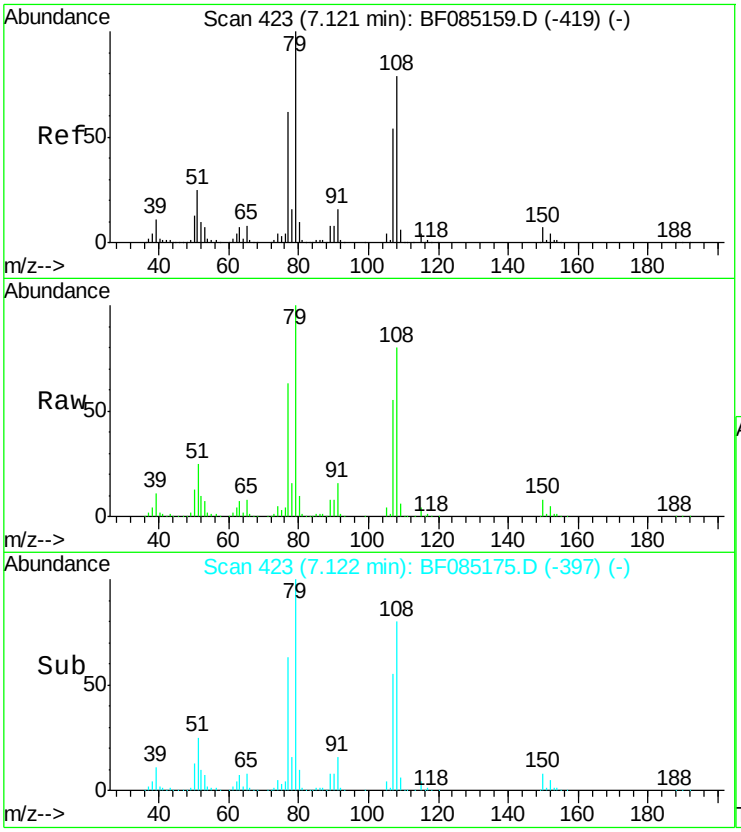


#14
1,2-Dichlorobenzene
Concen: 39.91 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:146 Resp: 682533

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	45.6	36.7	55.1

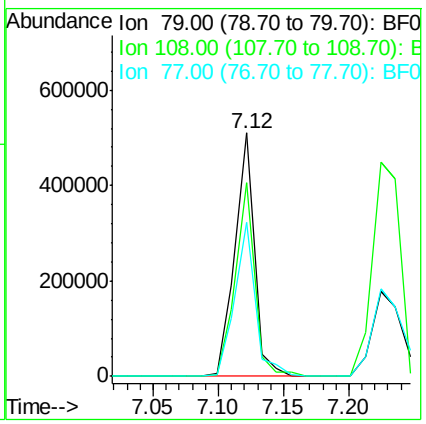




#15
Benzyl Alcohol
Concen: 38.14 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

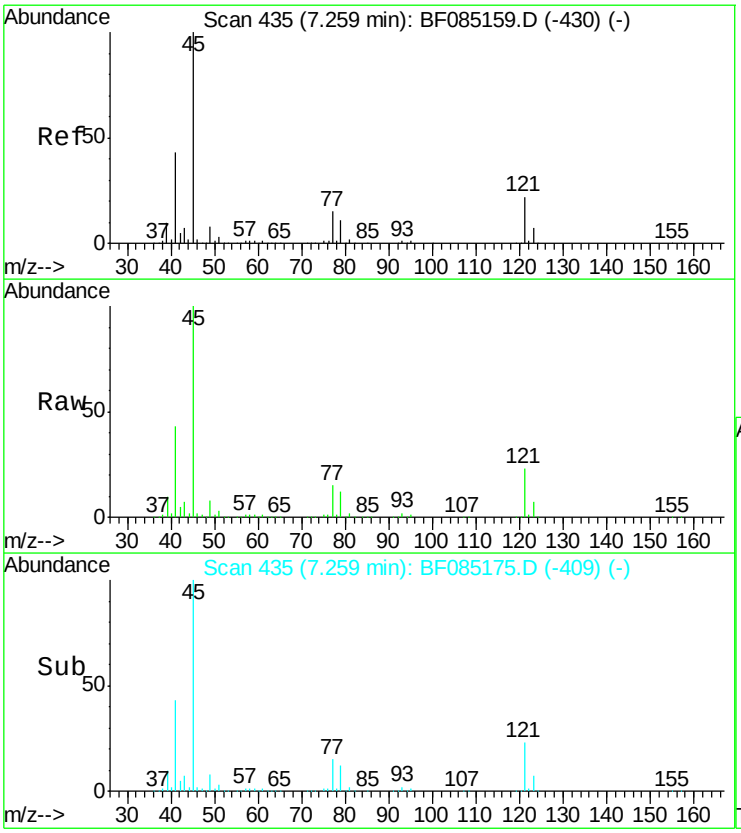
Tgt Ion: 79 Resp: 533738

Ion	Ratio	Lower	Upper
79	100		
108	79.5	62.9	94.3
77	63.1	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

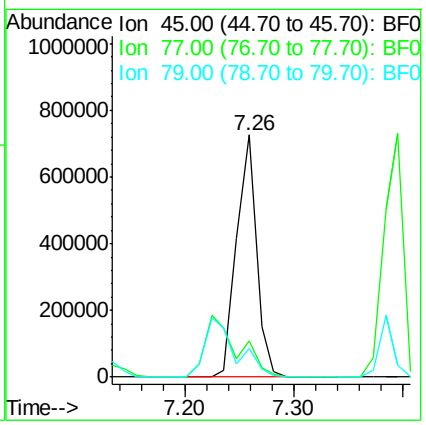
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

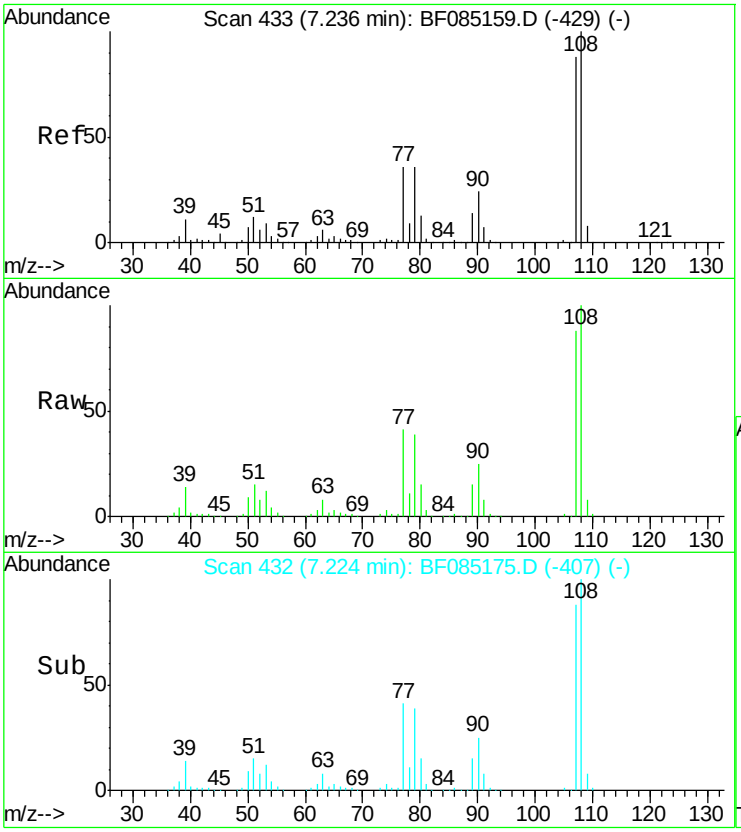


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.40 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 45 Resp: 914175

Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.1
79	11.6	0.0	31.3

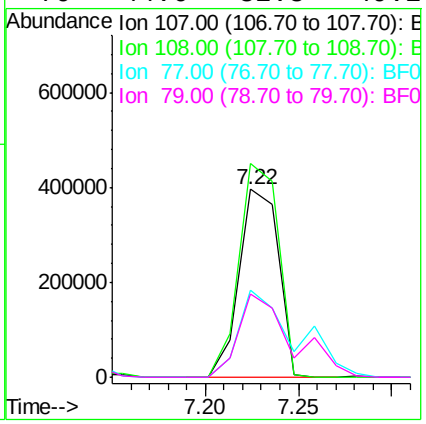




#17
2-Methylphenol
Concen: 40.55 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

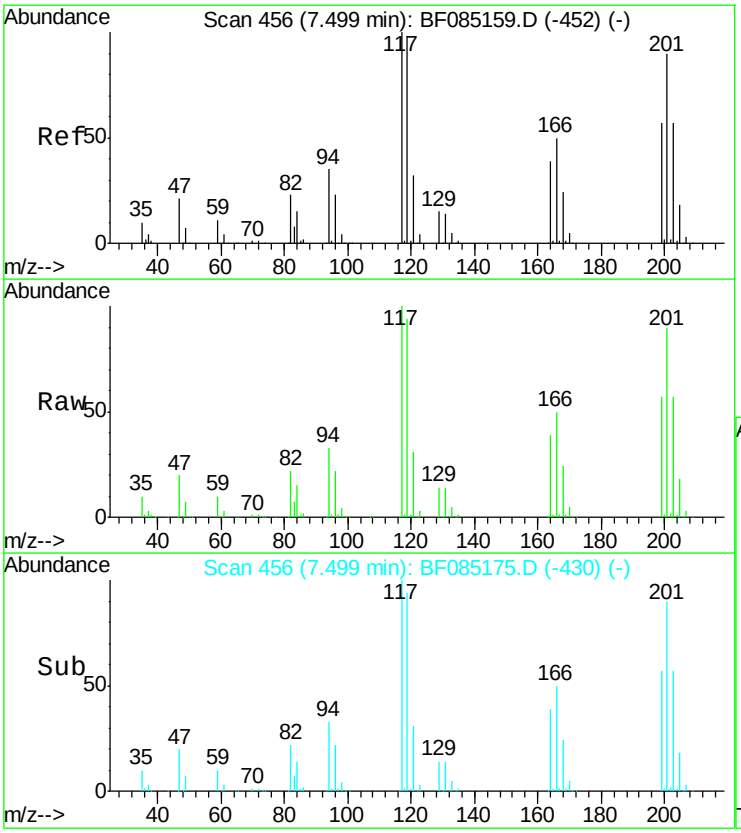
Tgt Ion:107 Resp: 579523

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.6	32.6	48.8
79	44.6	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

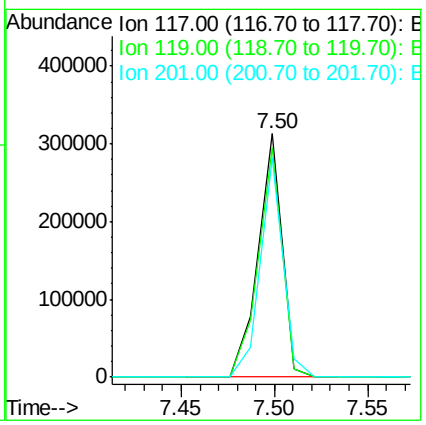
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

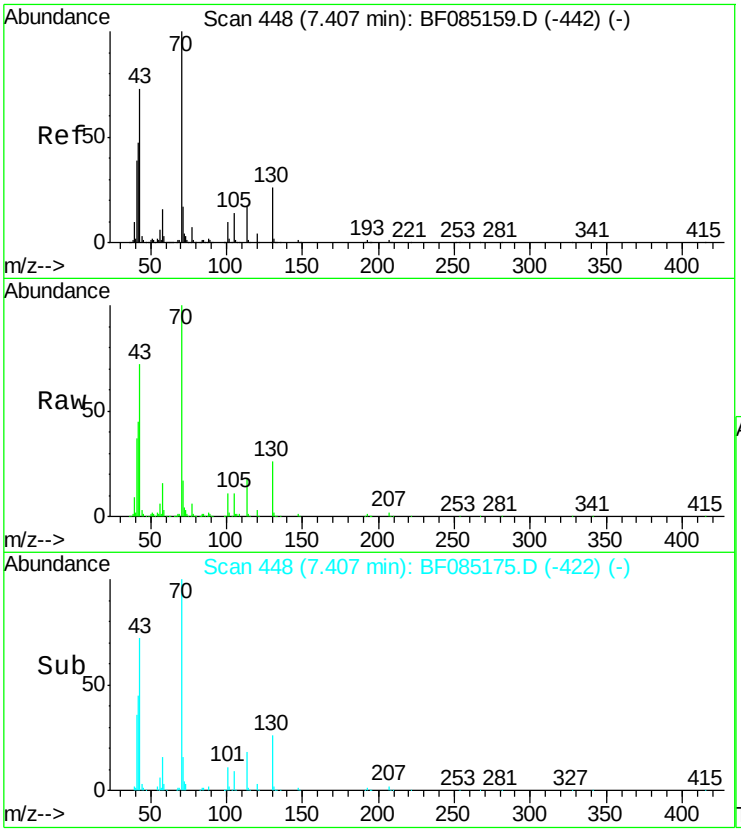


#18
Hexachloroethane
Concen: 39.73 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:117 Resp: 276220

Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.2	117.4
201	90.1	72.0	108.0

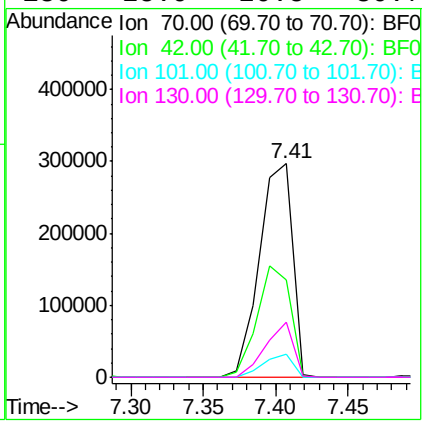




#19
n-Nitroso-di-n-propylamine
Concen: 37.89 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

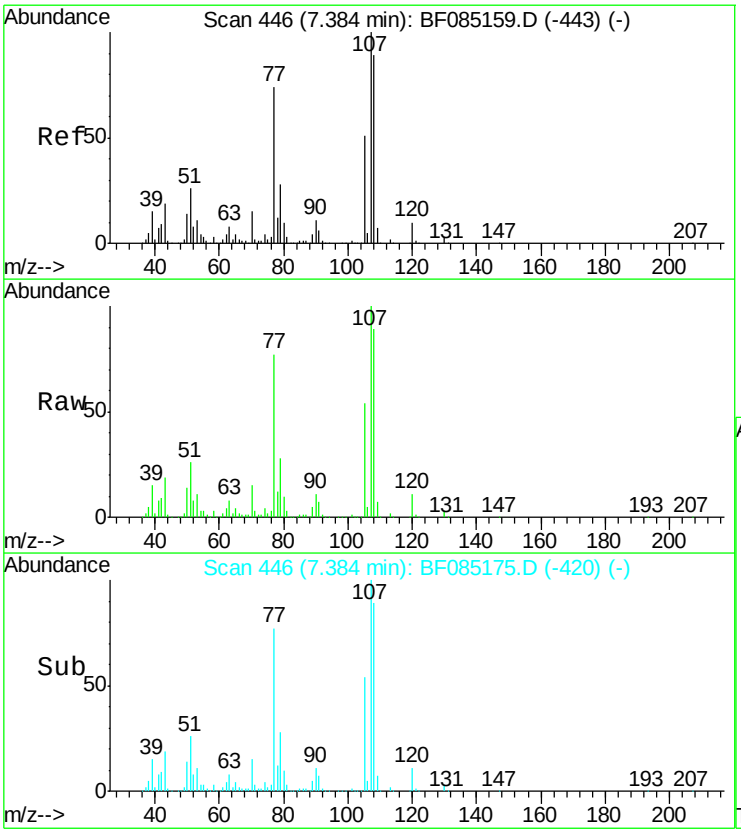
Tgt Ion: 70 Resp: 470692

Ion	Ratio	Lower	Upper
70	100		
42	45.4	37.7	56.5
101	10.8	8.2	12.4
130	25.9	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

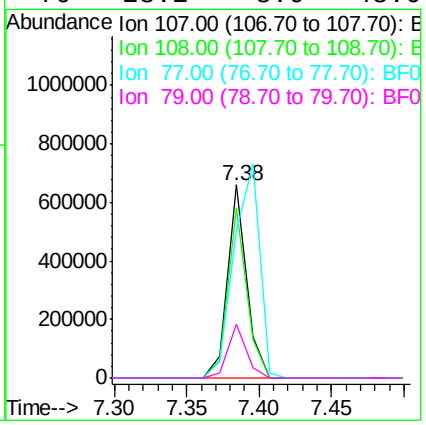
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

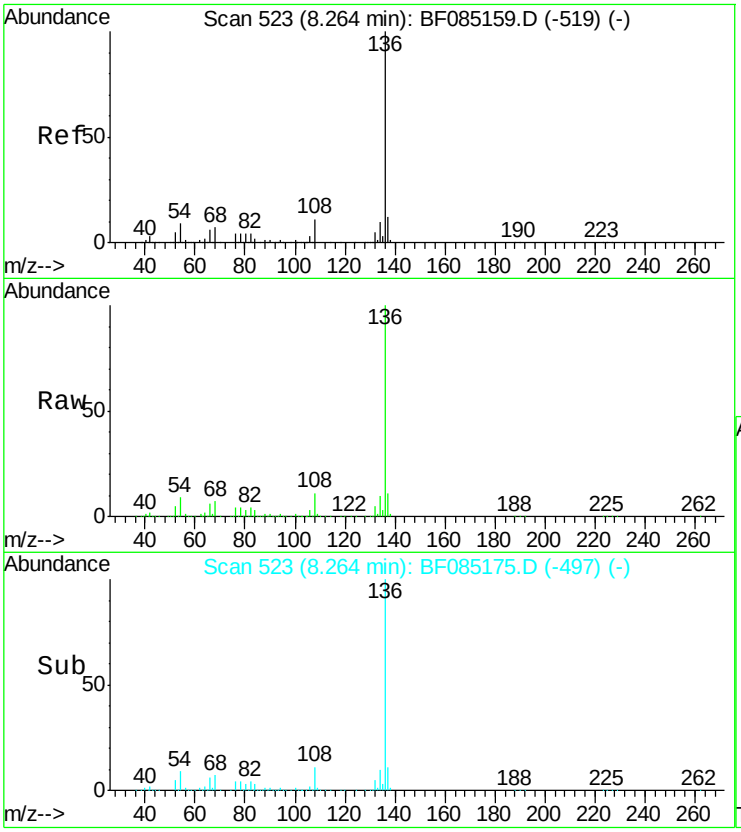


#20
3+4-Methylphenols
Concen: 35.56 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:107 Resp: 602027

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.8	108.8
77	76.6	53.6	93.6
79	28.2	8.0	48.0

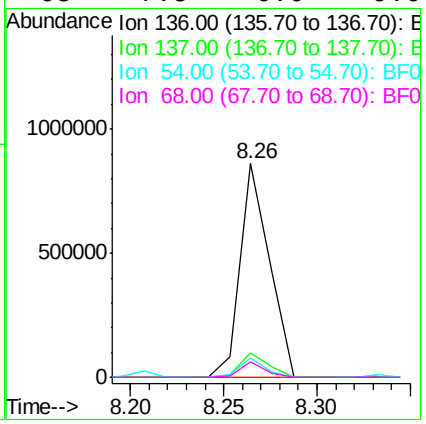




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

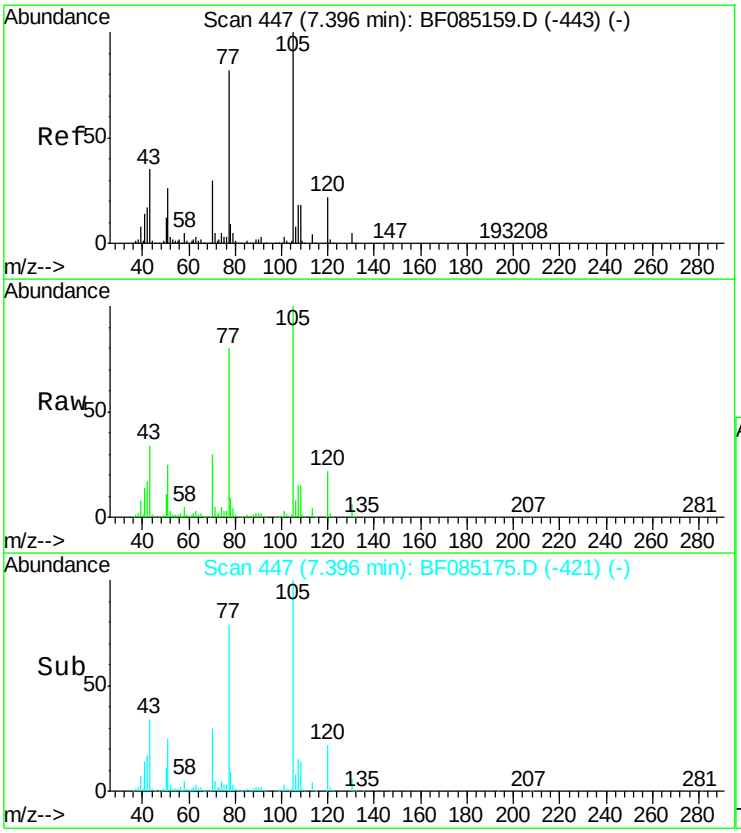
Tgt Ion:136 Resp: 932849

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.3	7.4	11.2
68	7.5	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

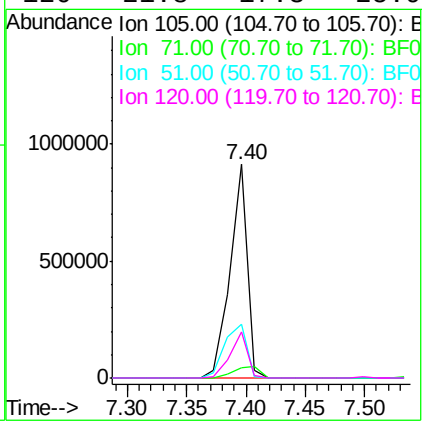
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

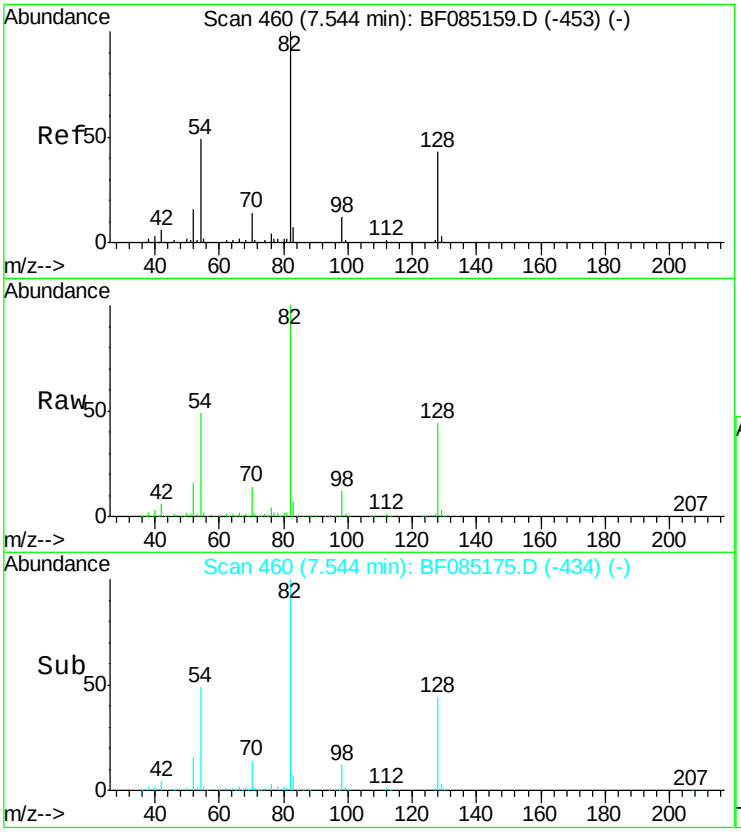


#22
Acetophenone
Concen: 40.35 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:105 Resp: 918757

Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.1	6.1
51	25.1	21.1	31.7
120	21.8	17.3	25.9

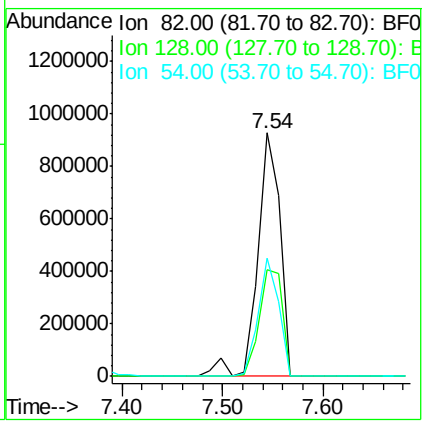




#23
Nitrobenzene-d5
Concen: 81.54 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

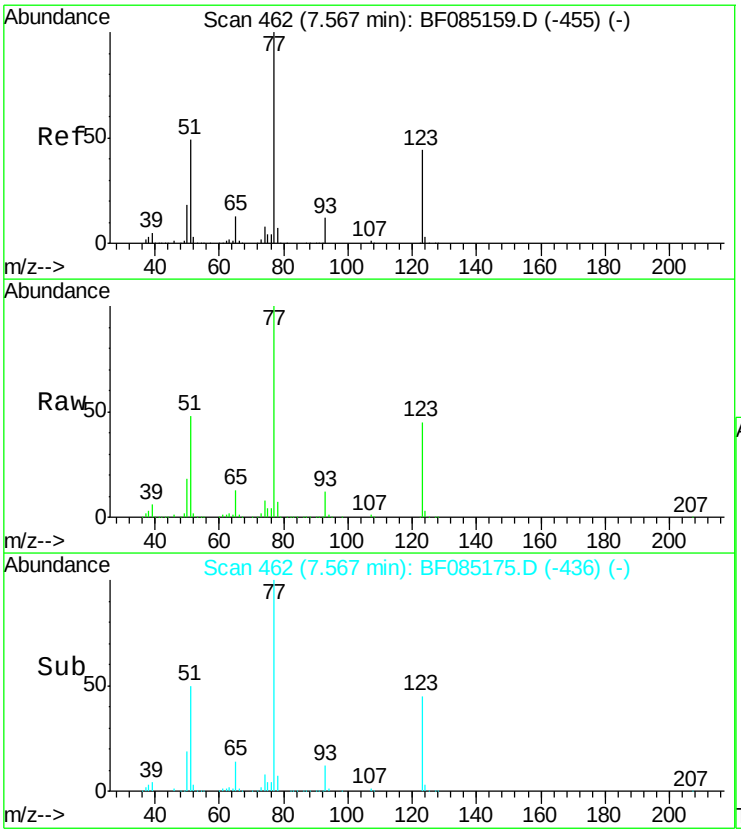
Tgt Ion: 82 Resp: 1421372

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.5	51.7
54	48.8	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

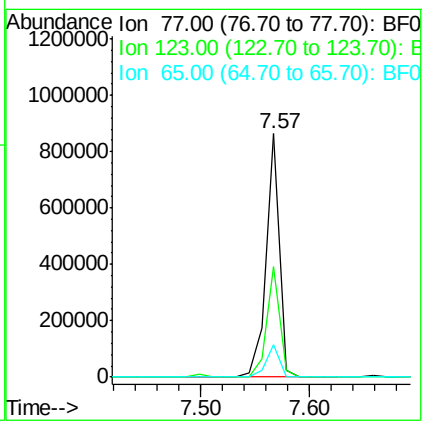
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

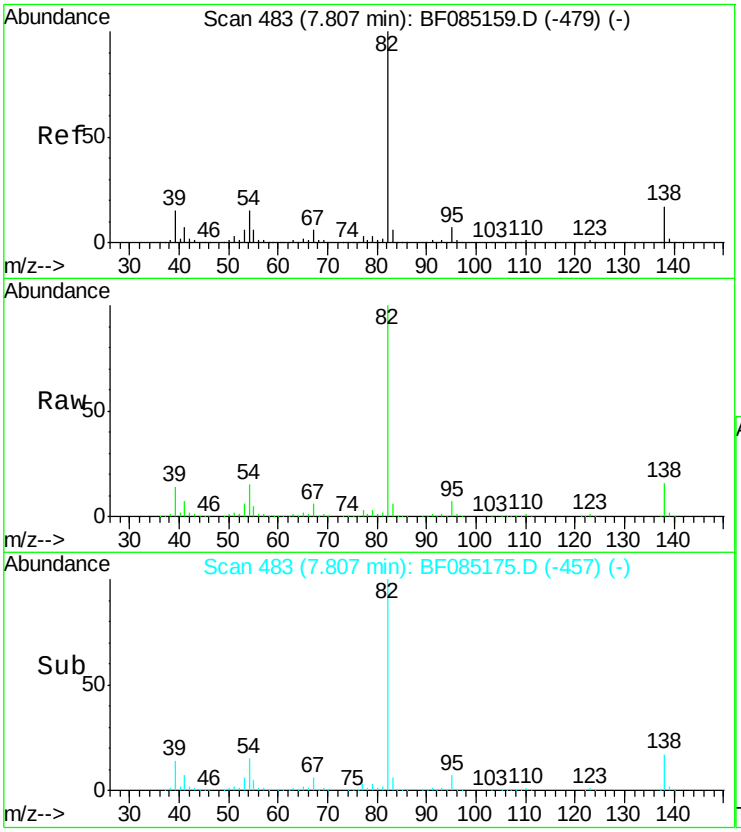


#24
Nitrobenzene
Concen: 41.84 ng
RT: 7.57 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 77 Resp: 740997

Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.4	53.2
65	13.3	10.6	16.0

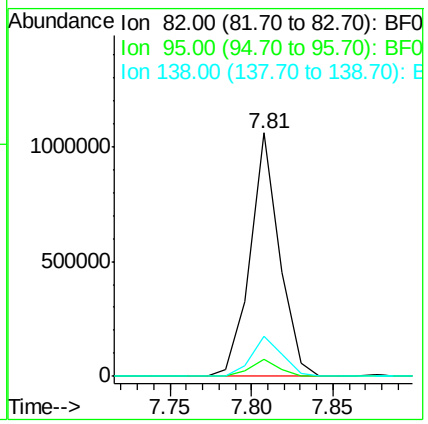




#25
Isophorone
Concen: 40.94 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

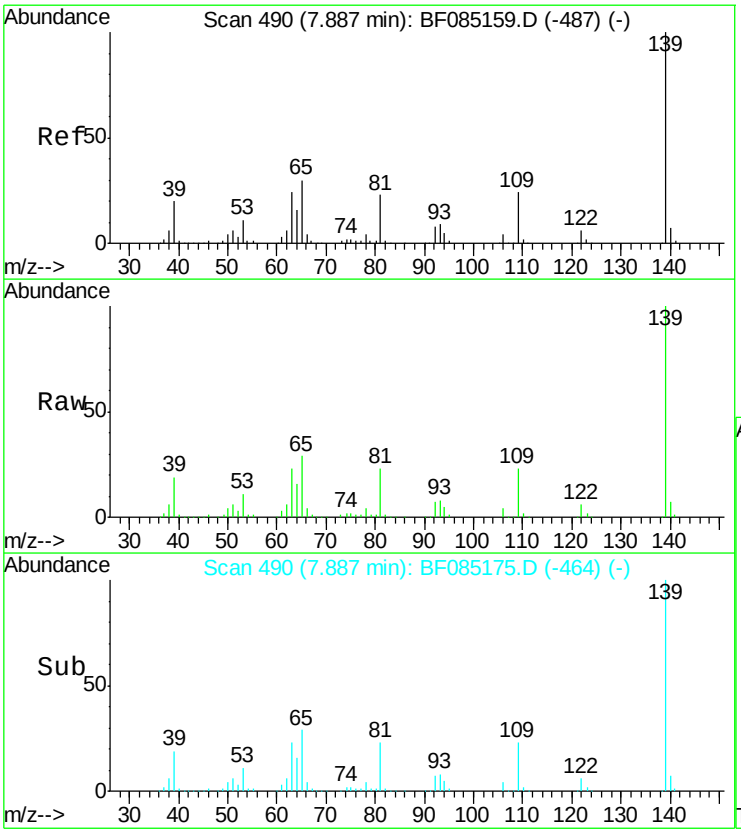
Tgt Ion: 82 Resp: 1322631

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	16.5	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

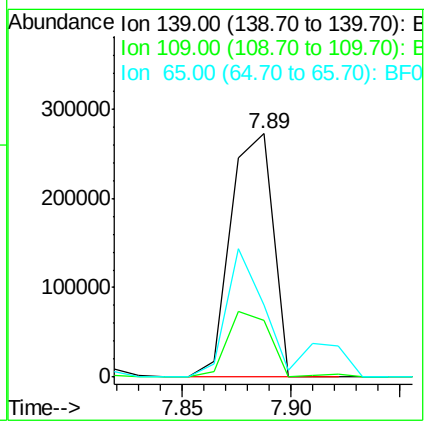
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

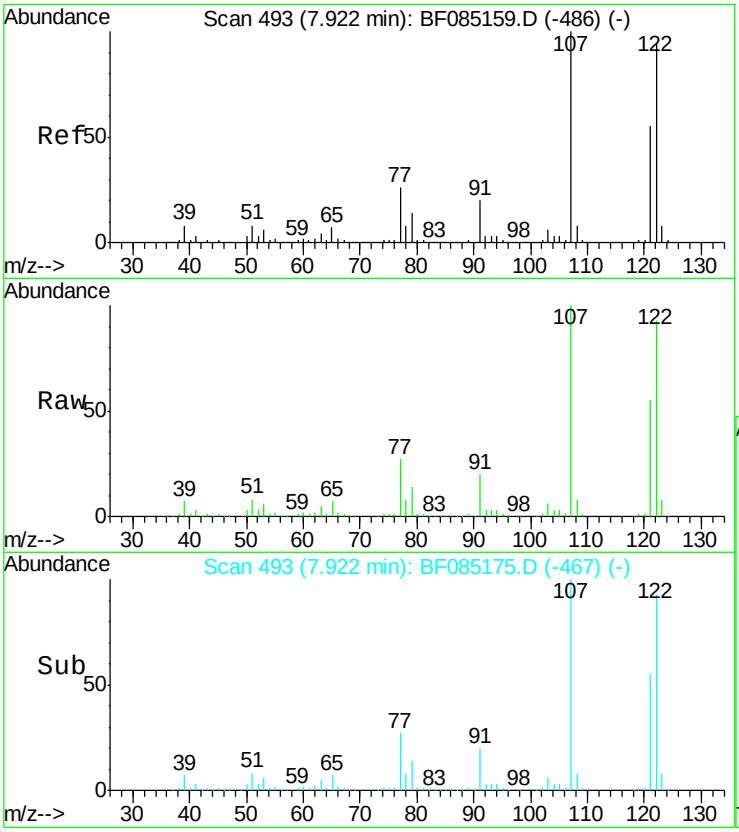


#26
2-Nitrophenol
Concen: 42.67 ng
RT: 7.89 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:139 Resp: 367701

Ion	Ratio	Lower	Upper
139	100		
109	23.2	19.1	28.7
65	29.4	23.9	35.9

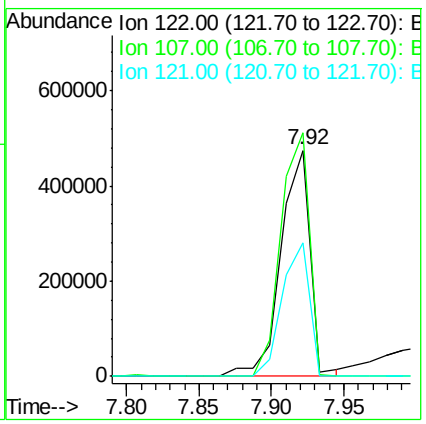




#27
2,4-Dimethylphenol
Concen: 41.82 ng
RT: 7.92 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

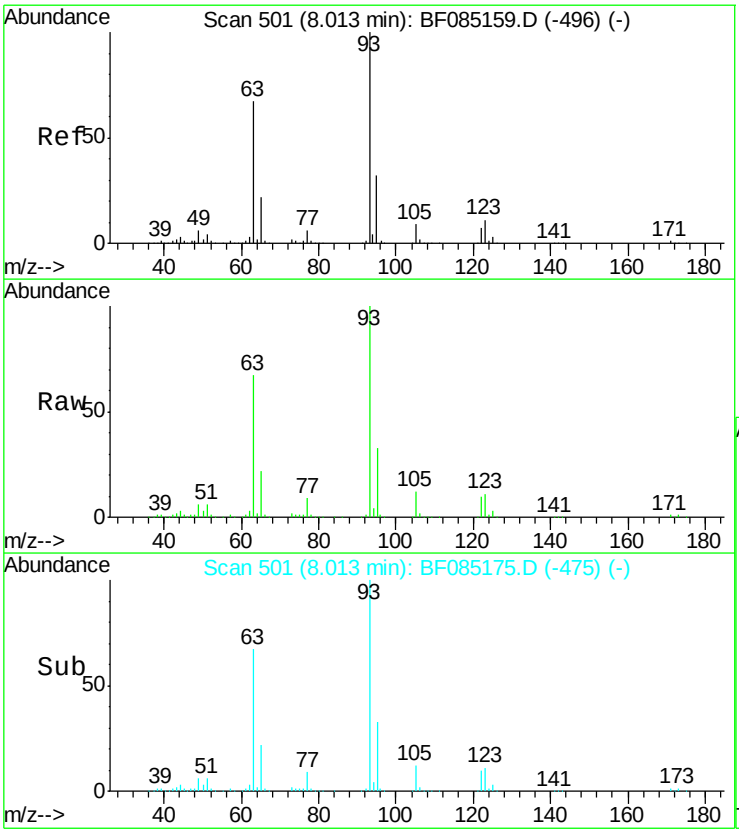
Tgt Ion:122 Resp: 658642

Ion	Ratio	Lower	Upper
122	100		
107	107.9	84.8	127.2
121	59.2	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

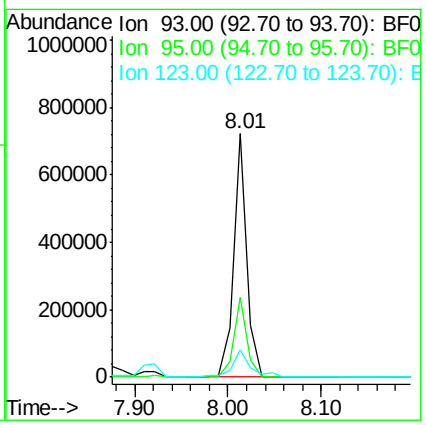
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

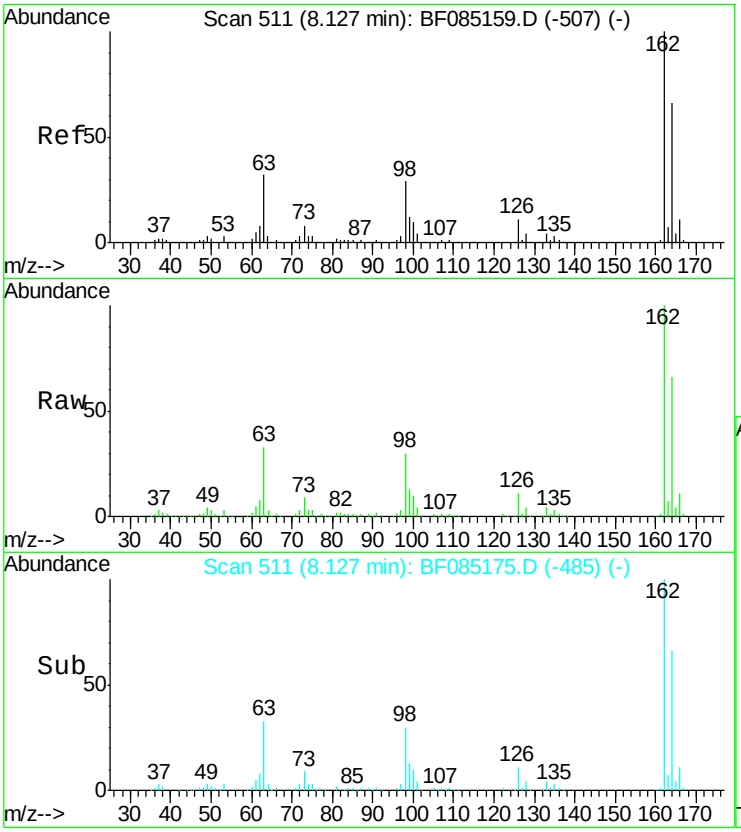


#28
bis(2-Chloroethoxy)methane
Concen: 39.11 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 93 Resp: 703739

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	11.0	8.8	13.2

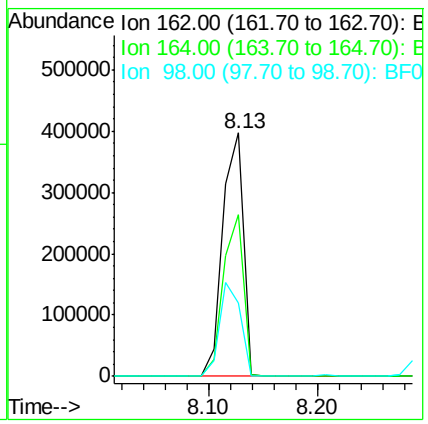




#29
2,4-Dichlorophenol
Concen: 41.19 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

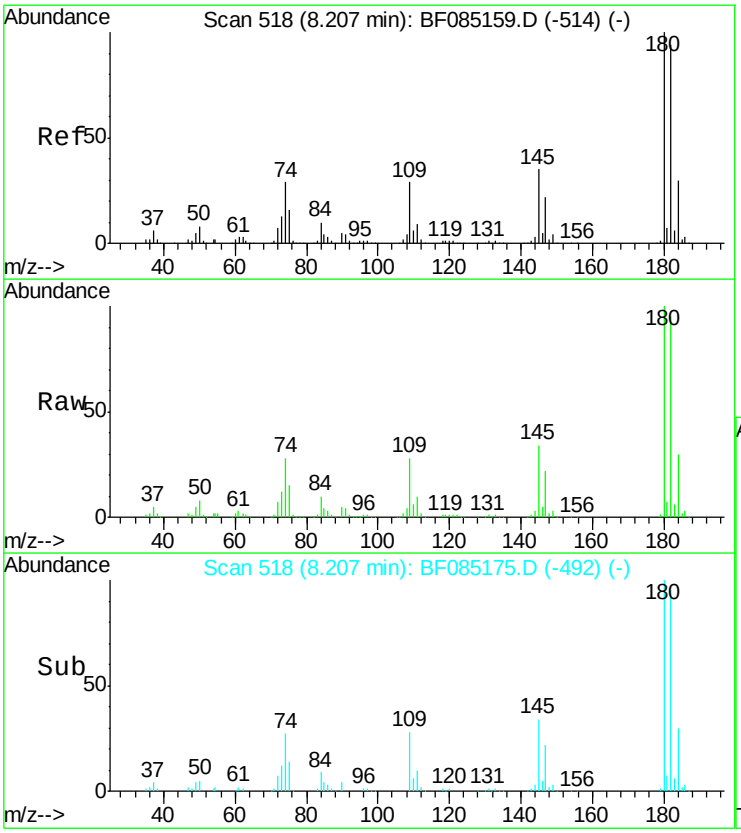
Tgt Ion:162 Resp: 523139

Ion	Ratio	Lower	Upper
162	100		
164	66.3	45.7	85.7
98	30.1	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

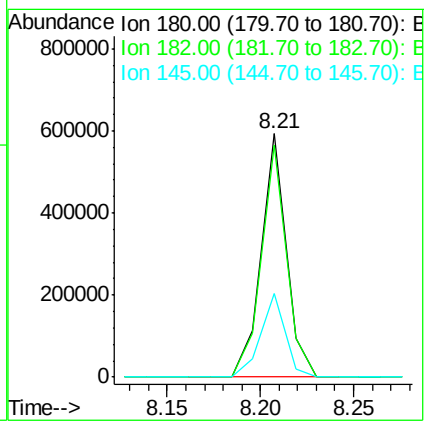
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

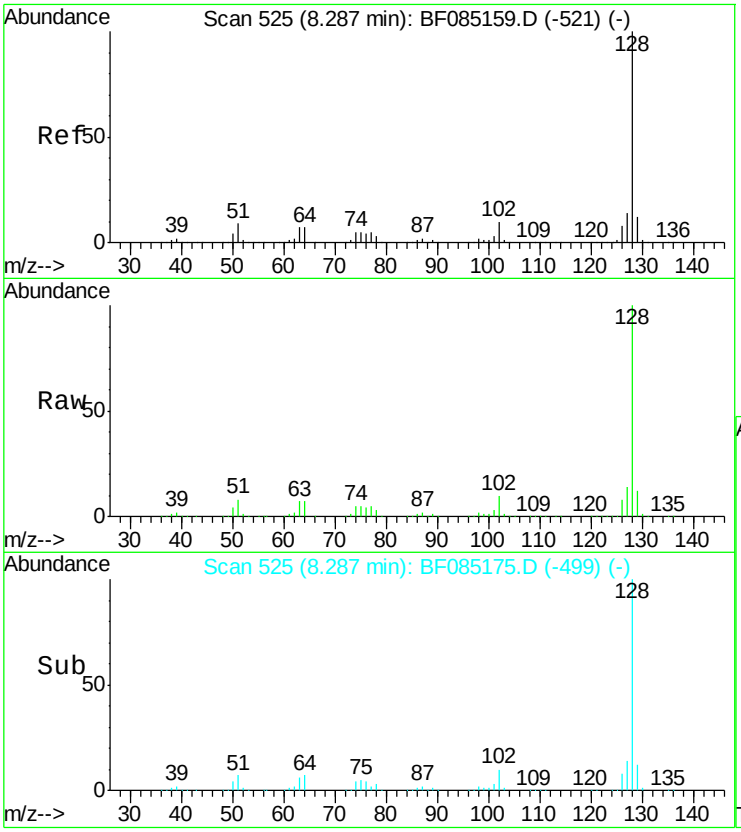


#30
1,2,4-Trichlorobenzene
Concen: 40.13 ng
RT: 8.21 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:180 Resp: 551090

Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.9	112.3
145	34.4	27.9	41.9

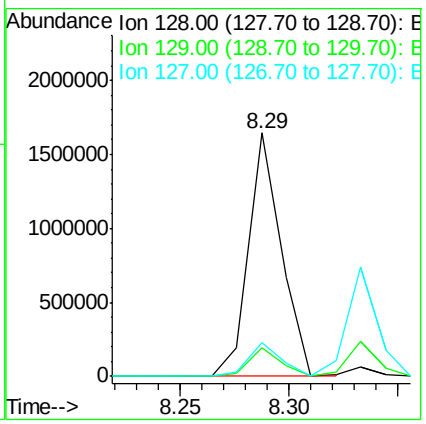




#31
Naphthalene
Concen: 37.77 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

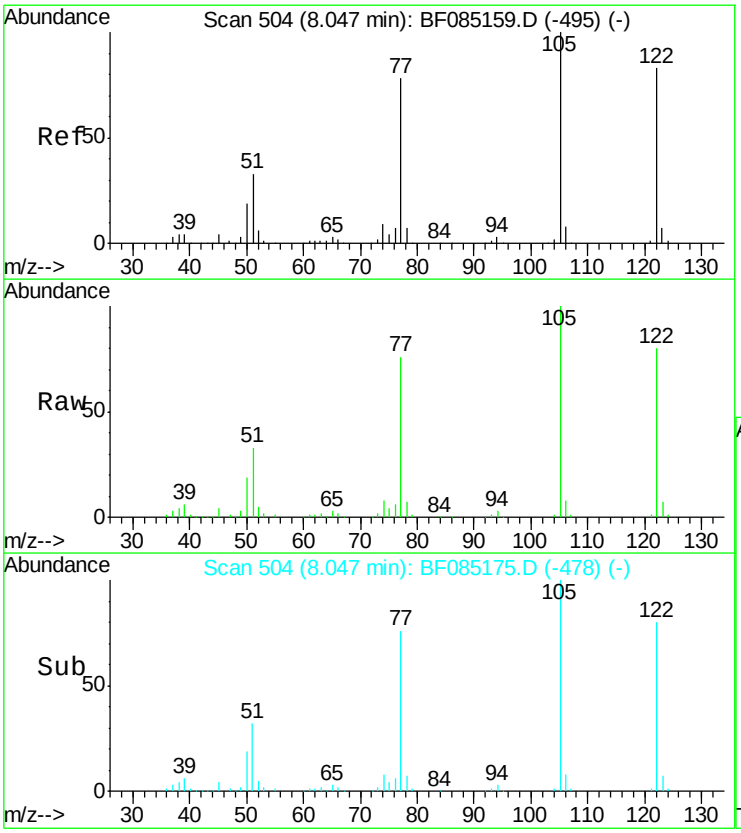
Tgt Ion:128 Resp: 1732600

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.8	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

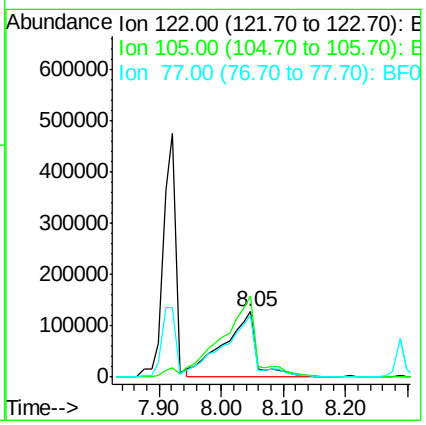
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

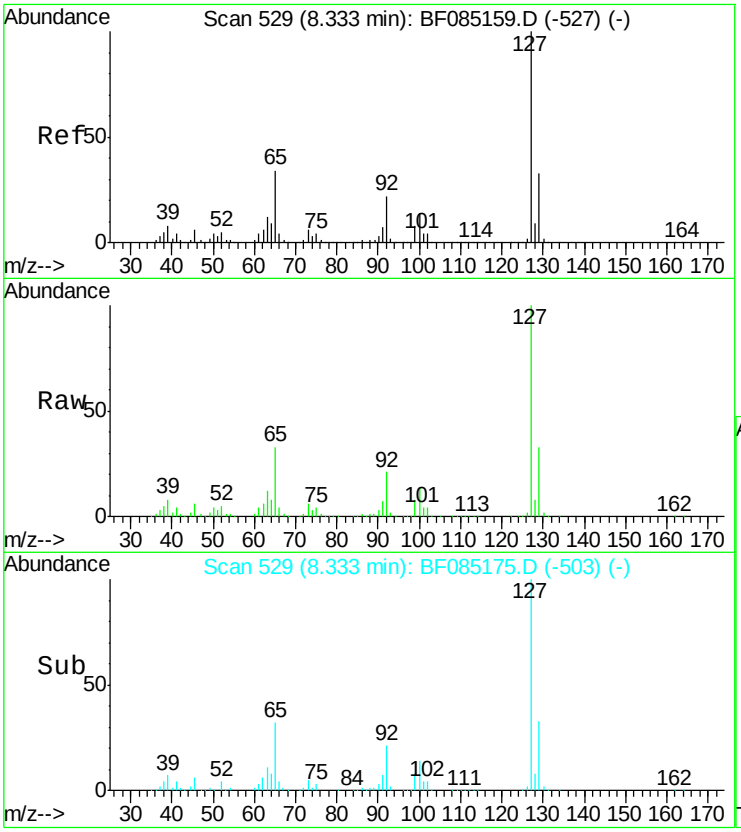


#32
Benzoic acid
Concen: 44.74 ng
RT: 8.05 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:122 Resp: 467977

Ion	Ratio	Lower	Upper
122	100		
105	124.8	101.3	141.3
77	94.6	74.7	114.7

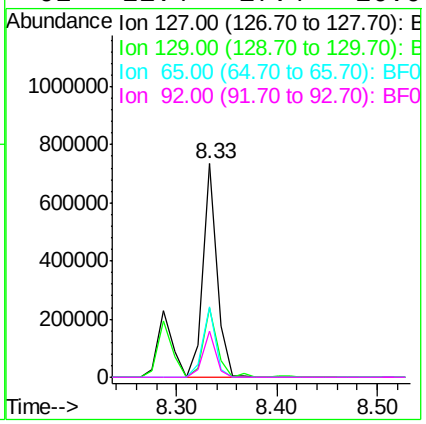




#33
4-Chloroaniline
Concen: 38.19 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

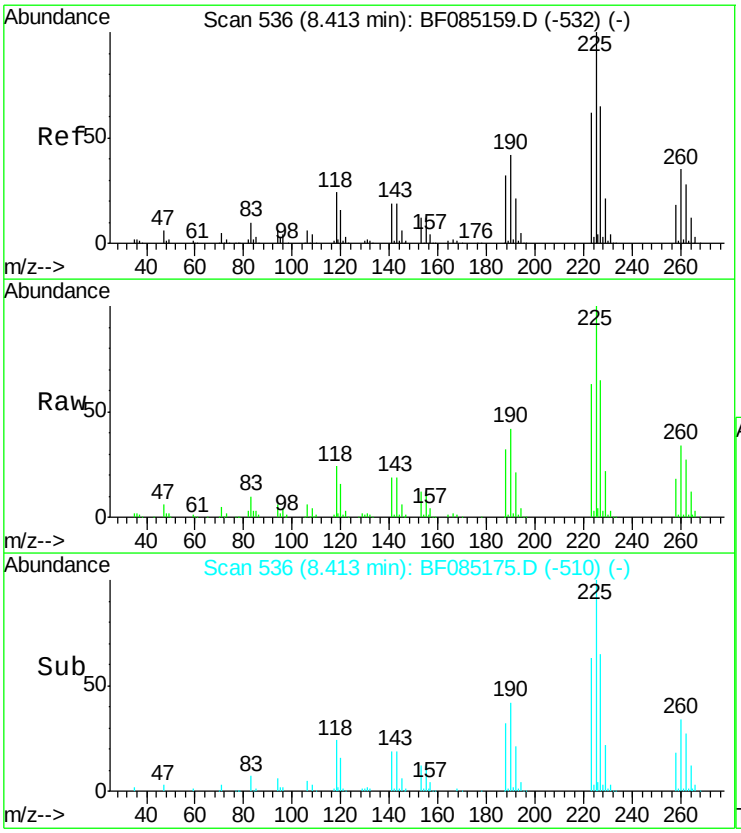
Tgt Ion:127 Resp: 708486

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	32.9	27.0	40.6
92	21.4	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

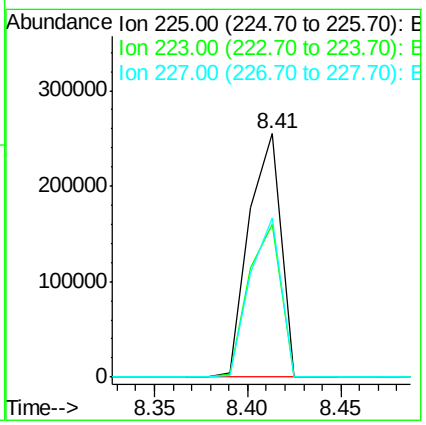
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

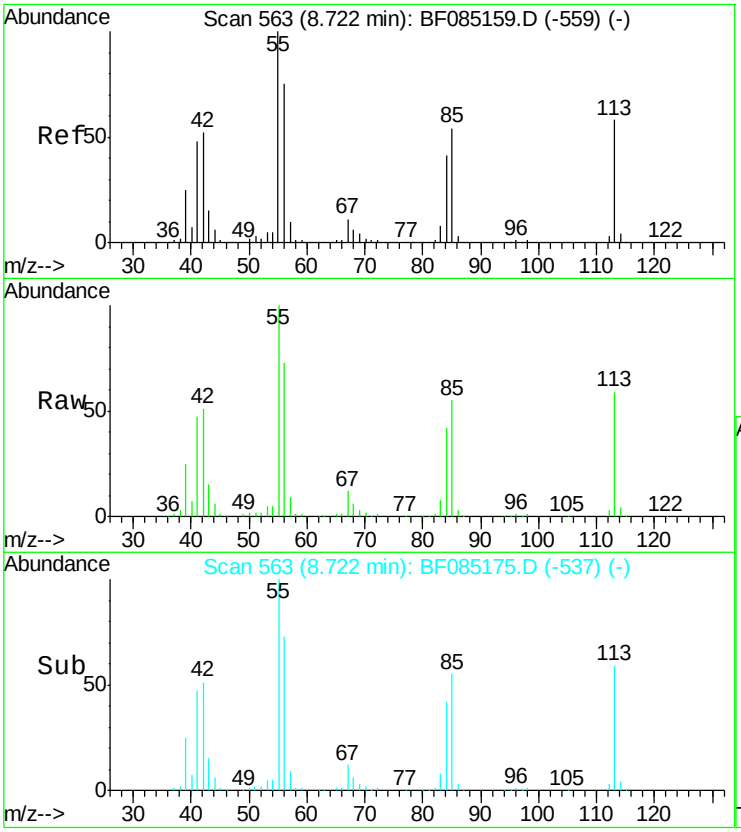


#34
Hexachlorobutadiene
Concen: 42.02 ng
RT: 8.41 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:225 Resp: 300279

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	65.5	52.2	78.4

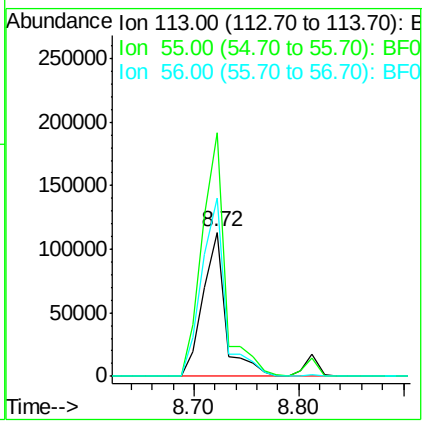




#35
Caprolactam
Concen: 44.71 ng m
RT: 8.72 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

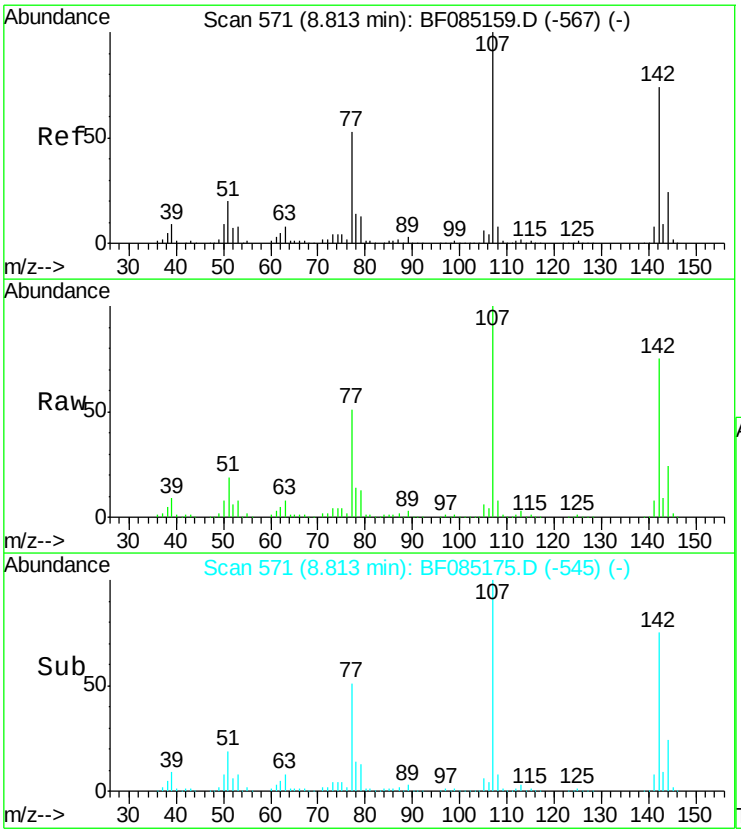
Tgt Ion:113 Resp: 185451

Ion	Ratio	Lower	Upper
113	100		
55	168.9	152.7	192.7
56	123.9	109.0	149.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

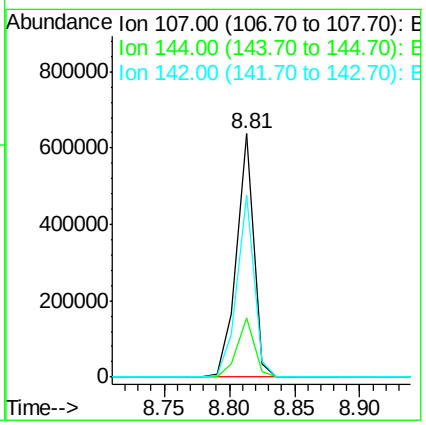
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

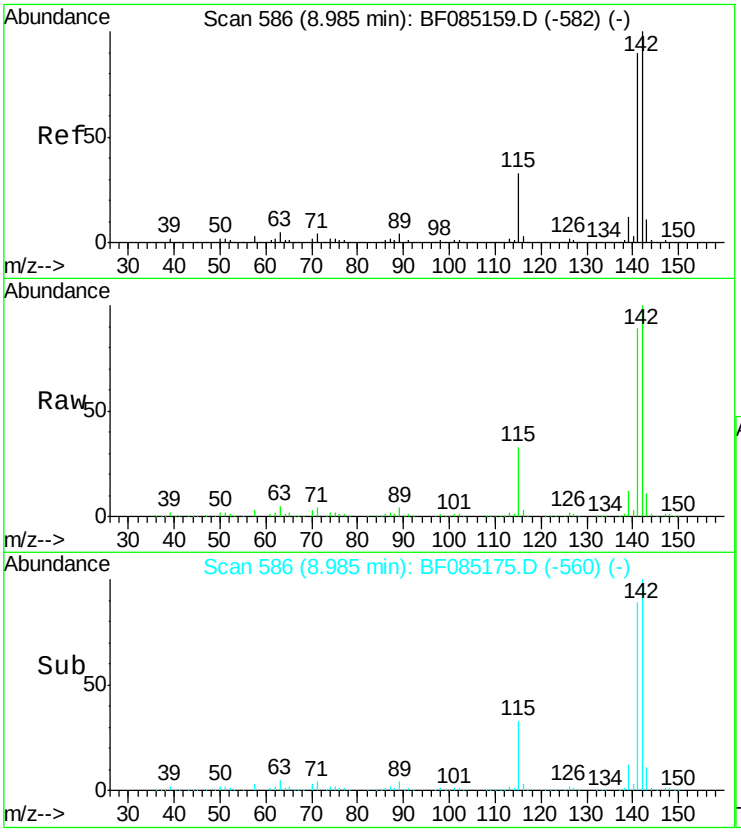


#36
4-Chloro-3-methylphenol
Concen: 40.49 ng
RT: 8.81 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:107 Resp: 583512

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.4	29.2
142	75.0	59.4	89.2

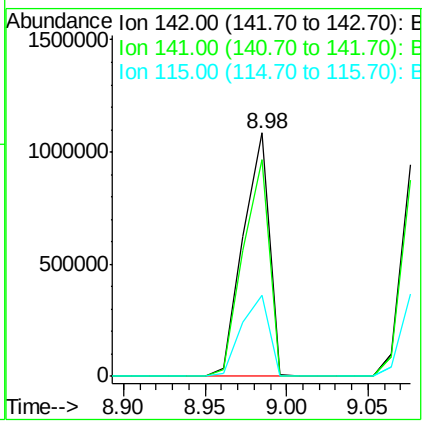




#37
2-Methylnaphthalene
Concen: 40.78 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

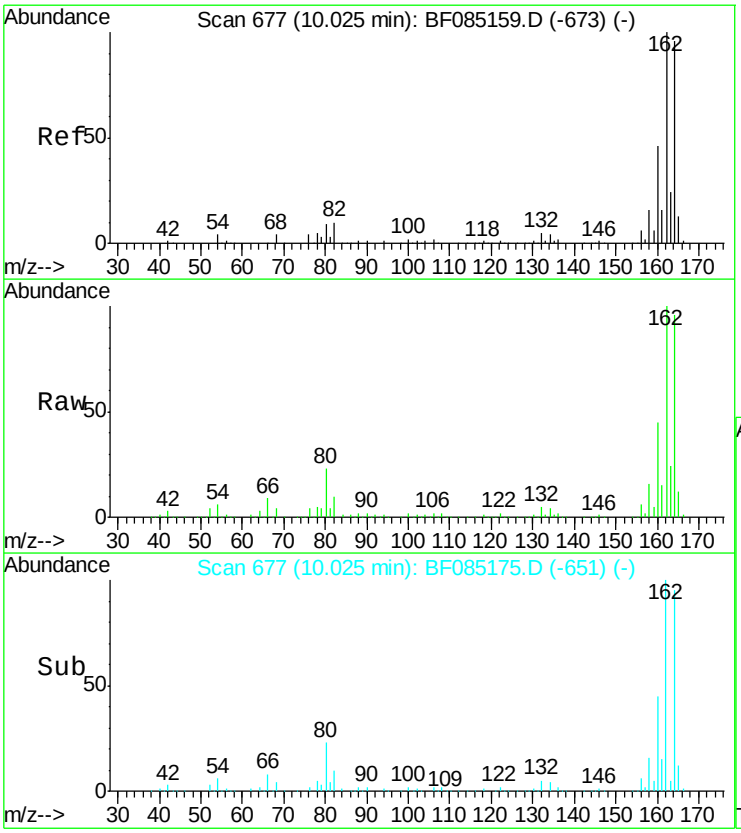
Tgt Ion:142 Resp: 1200447

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	33.5	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

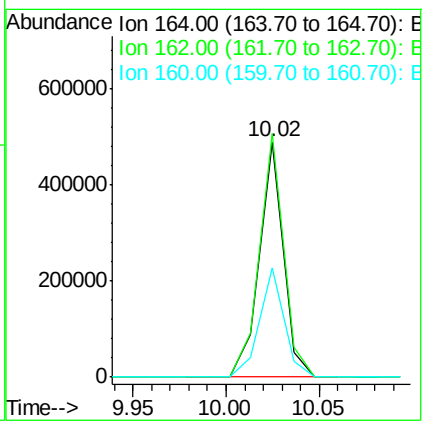
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

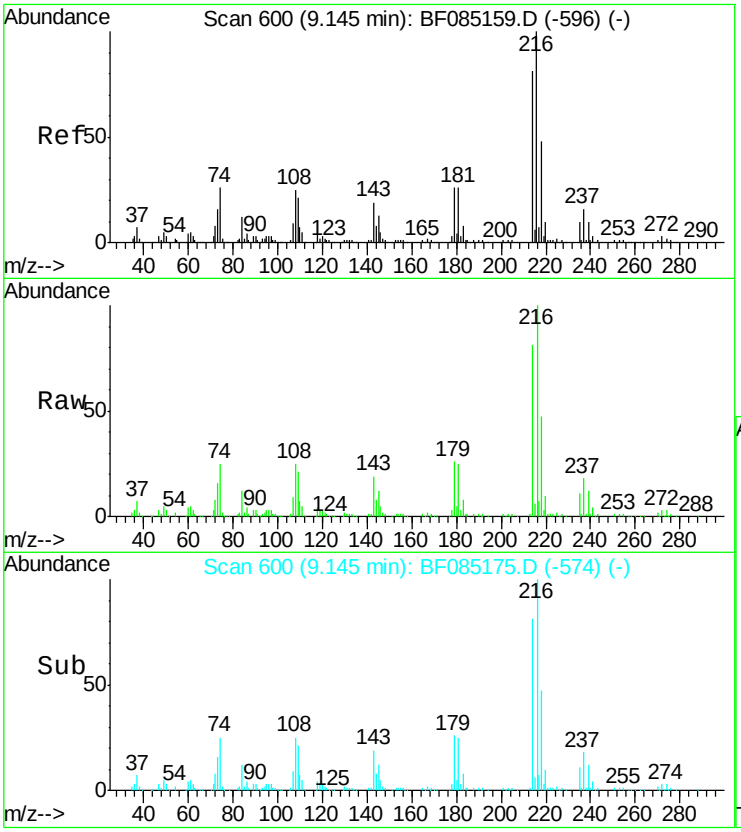


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:164 Resp: 431921

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.3	124.9
160	46.6	37.9	56.9

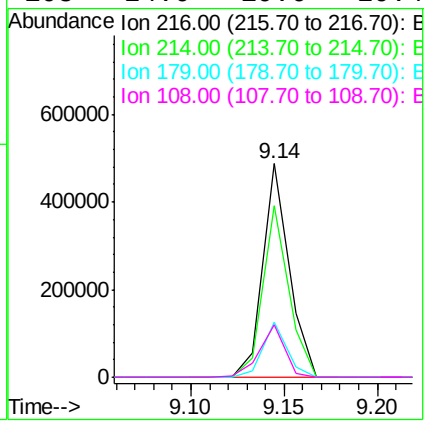




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.20 ng
RT: 9.14 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

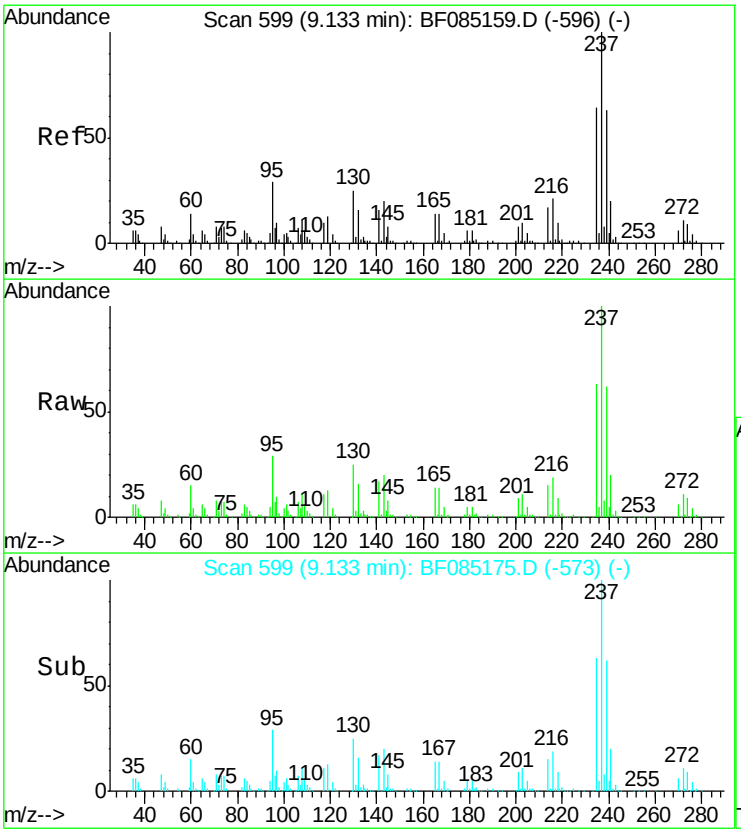
Tgt Ion:216 Resp: 471866

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	24.0	19.6	29.4
108	24.0	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

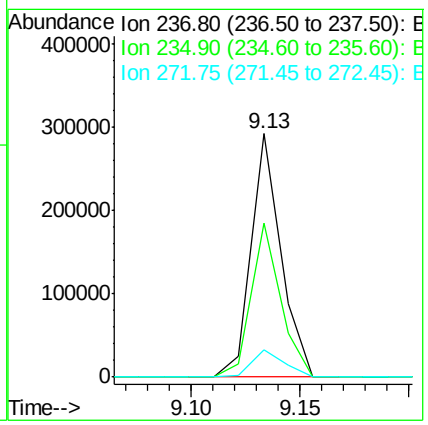
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

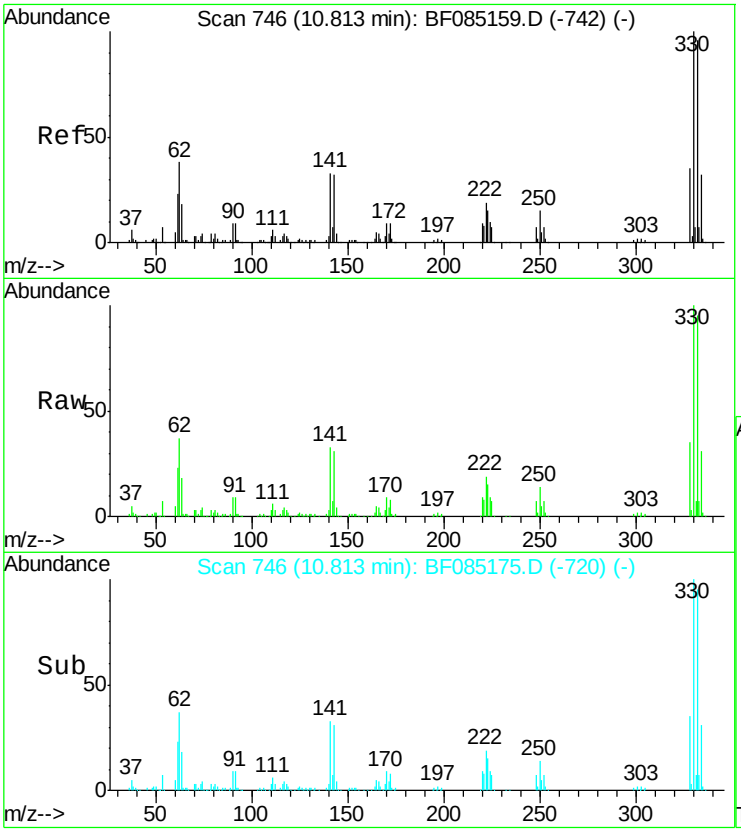


#40
Hexachlorocyclopentadiene
Concen: 41.74 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:237 Resp: 278059

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.7	83.7
272	11.4	0.0	31.5

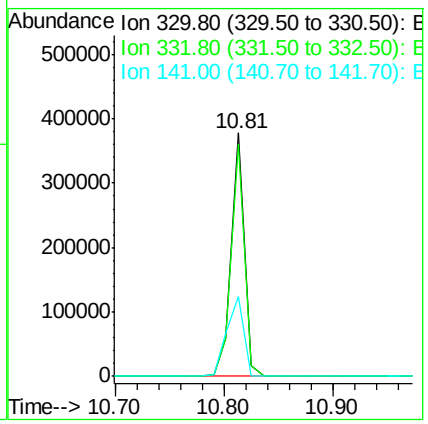




#41
2,4,6-Tribromophenol
Concen: 84.84 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

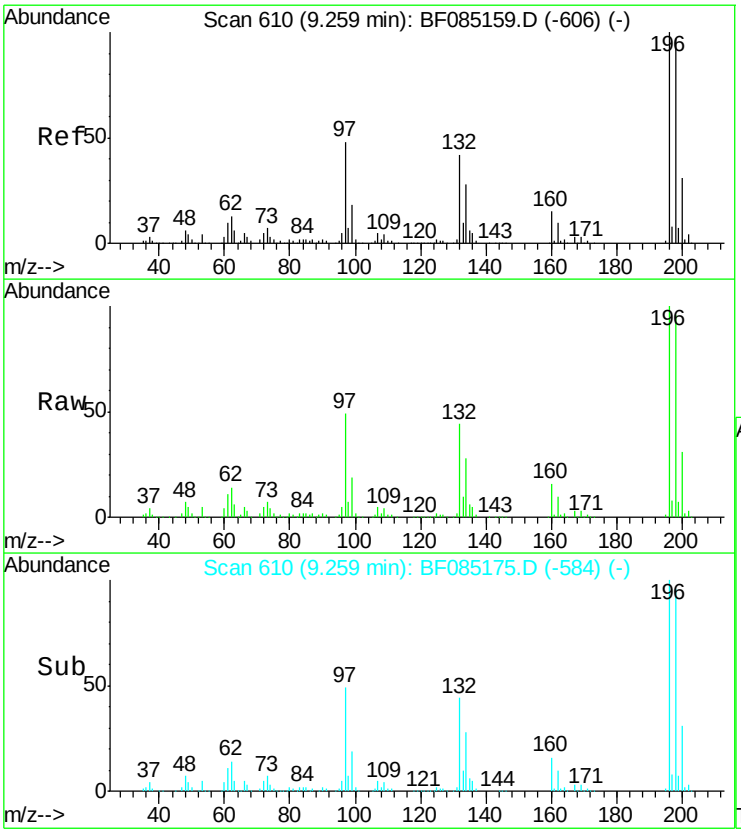
Tgt Ion:330 Resp: 313555

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	43.0	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

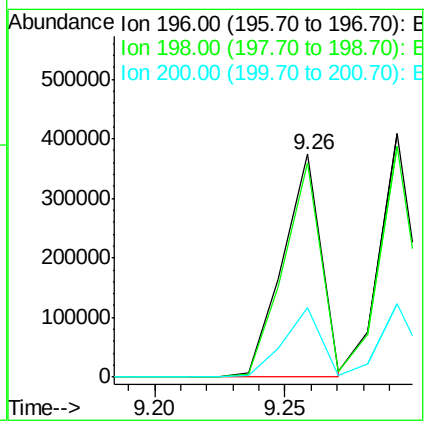
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

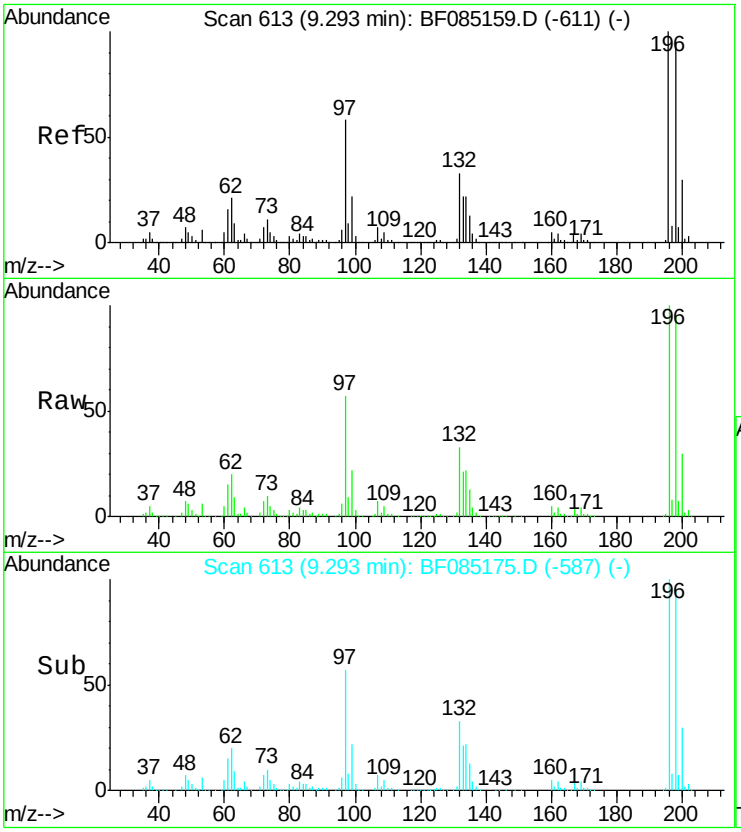


#42
2,4,6-Trichlorophenol
Concen: 41.28 ng
RT: 9.26 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:196 Resp: 379592

Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.8	116.6
200	31.0	25.0	37.6

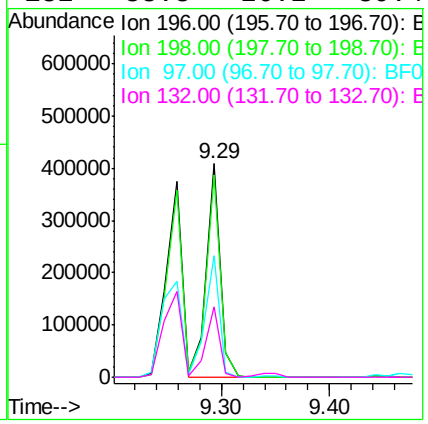




#43
2,4,5-Trichlorophenol
Concen: 42.25 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

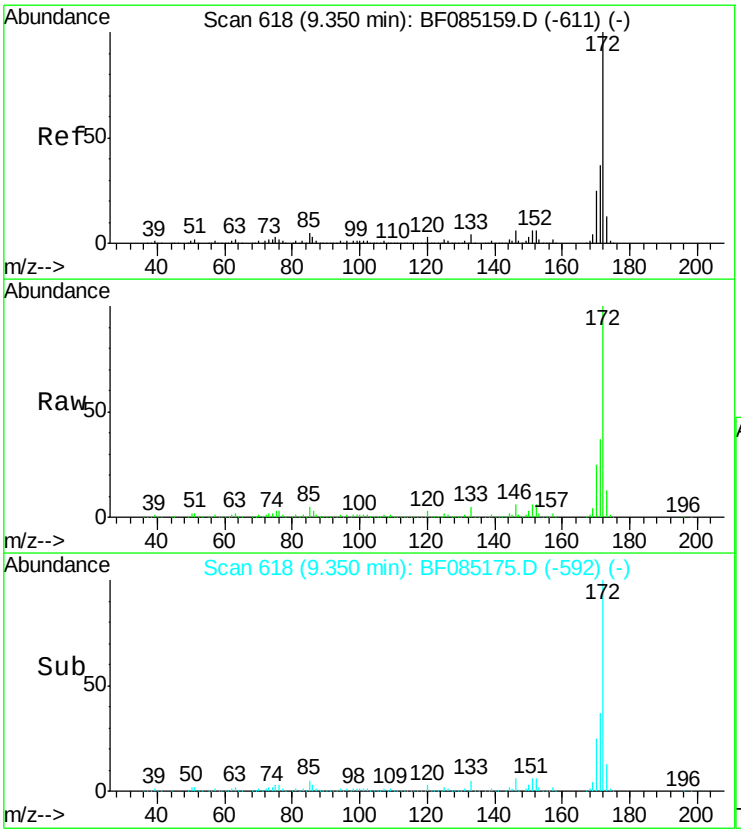
Tgt Ion:196 Resp: 368358

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	56.8	46.4	69.6
132	33.3	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

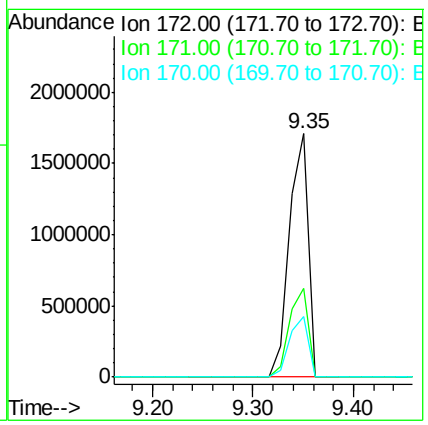
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

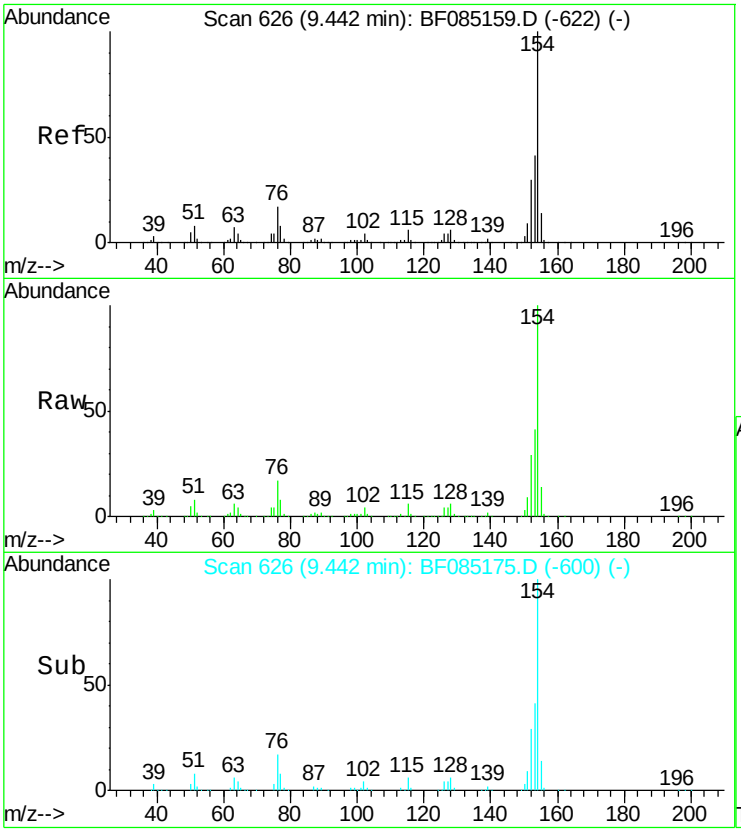


#44
2-Fluorobiphenyl
Concen: 77.83 ng
RT: 9.35 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:172 Resp: 2210447

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	25.0	20.0	30.0

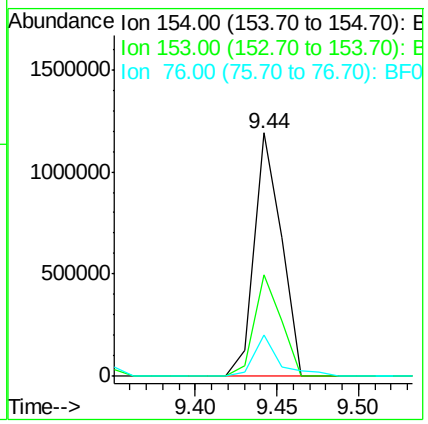




#45
1,1'-Biphenyl
Concen: 37.15 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

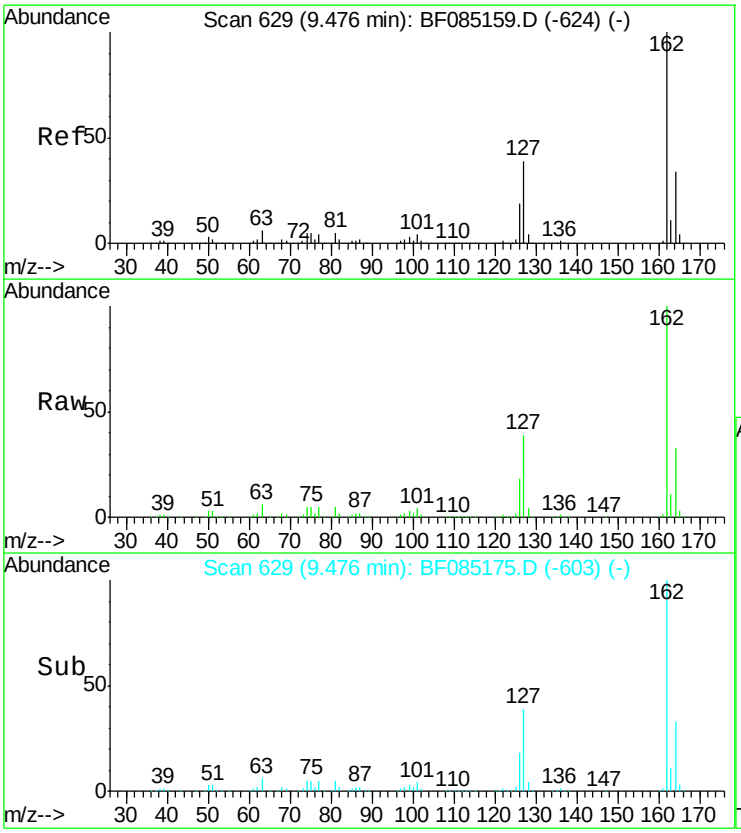
Tgt Ion:154 Resp: 1370715

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	17.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

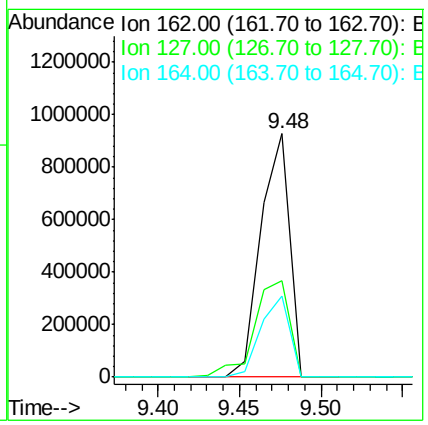
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

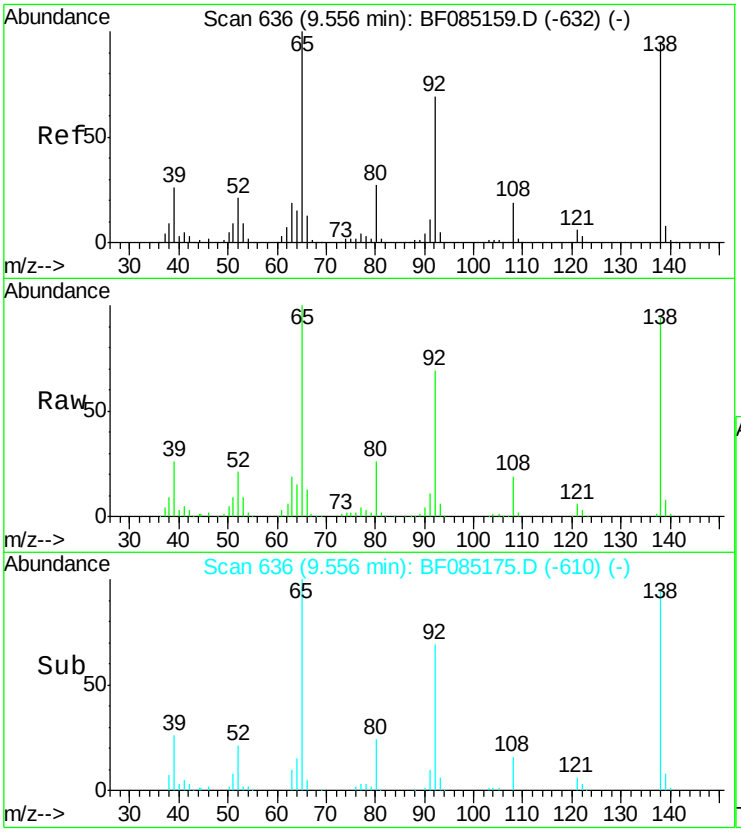


#46
2-Chloronaphthalene
Concen: 40.46 ng
RT: 9.48 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:162 Resp: 1138060

Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.6	47.4
164	33.5	27.1	40.7

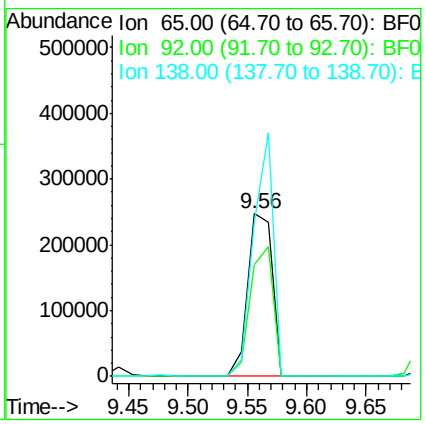




#47
2-Nitroaniline
Concen: 41.05 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

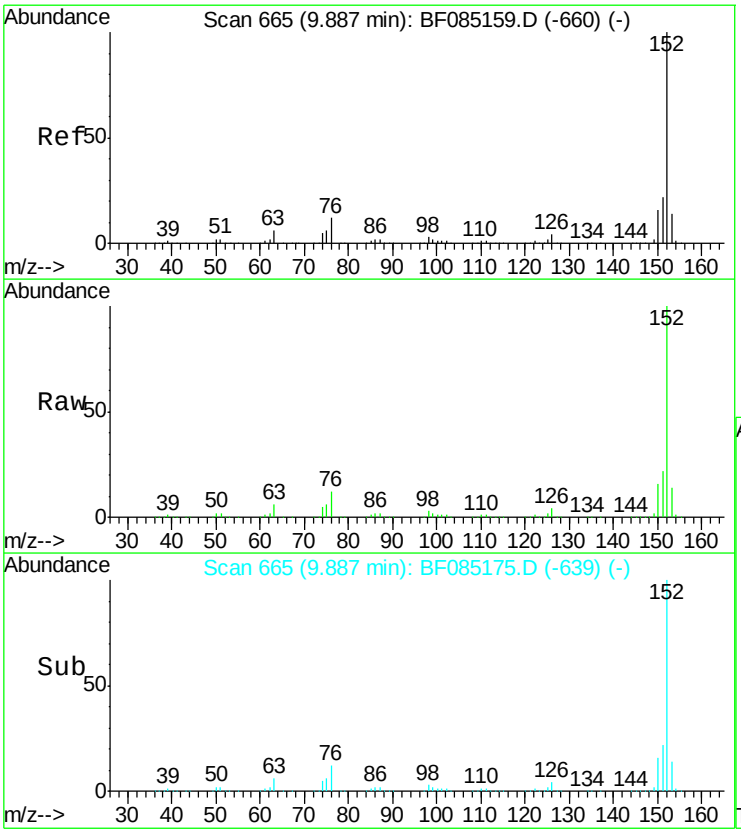
Tgt Ion: 65 Resp: 357788

Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.4	83.2
138	94.4	75.7	113.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

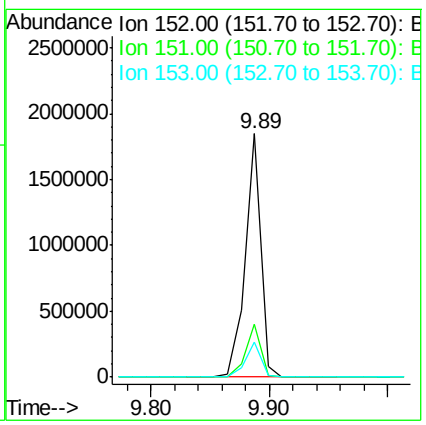
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

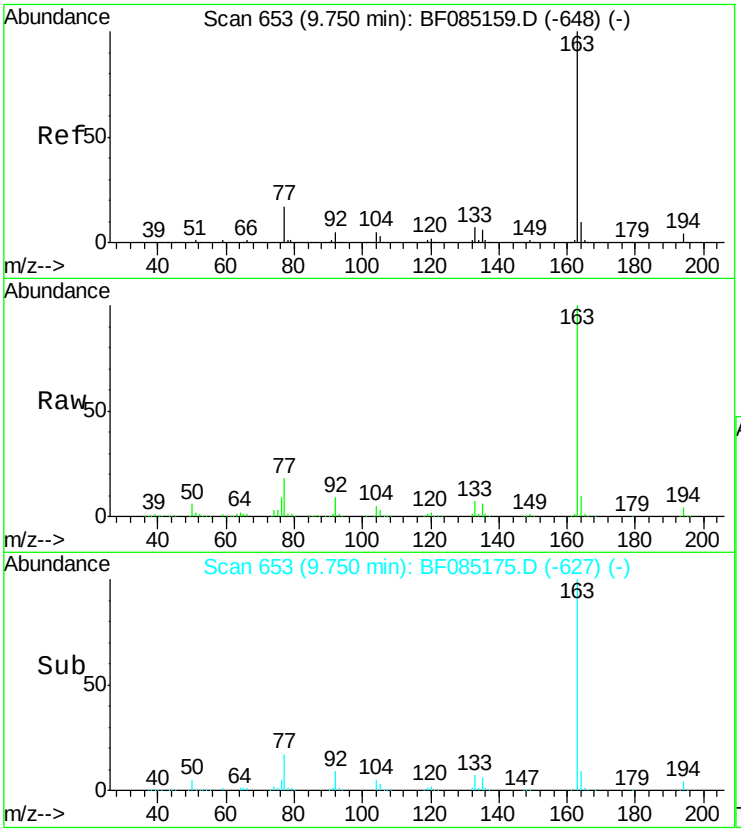


#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:152 Resp: 1692217

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3
153	14.1	11.3	16.9

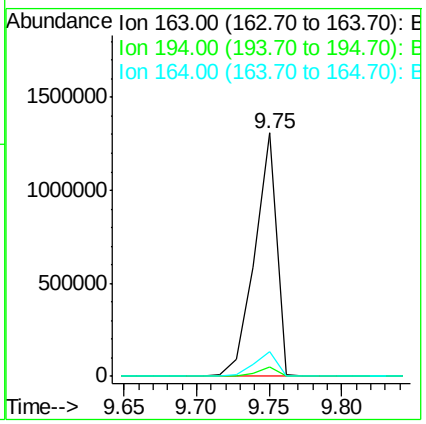




#49
Dimethylphthalate
Concen: 41.48 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

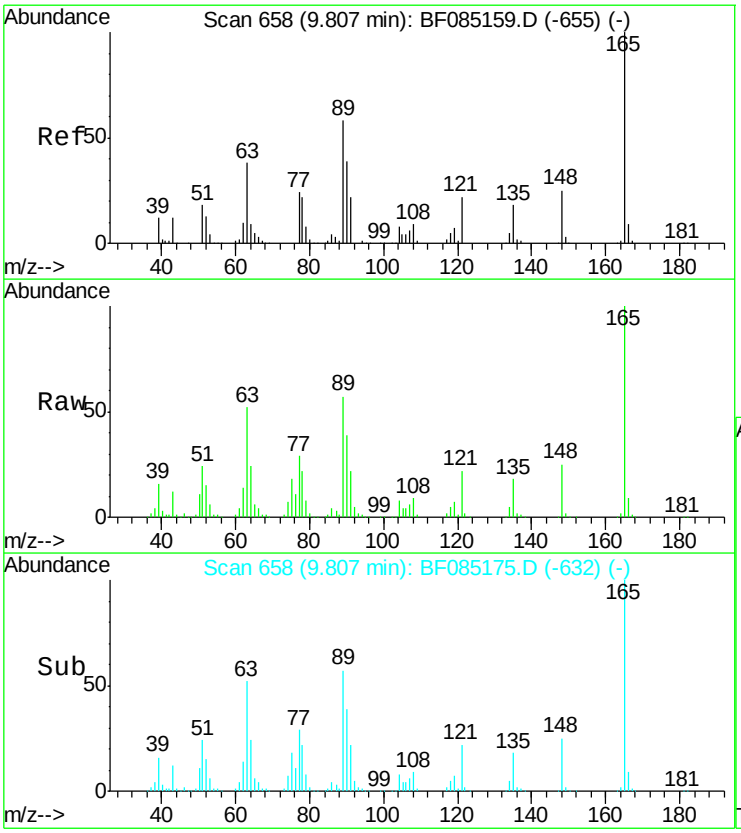
Tgt Ion:163 Resp: 1375260

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

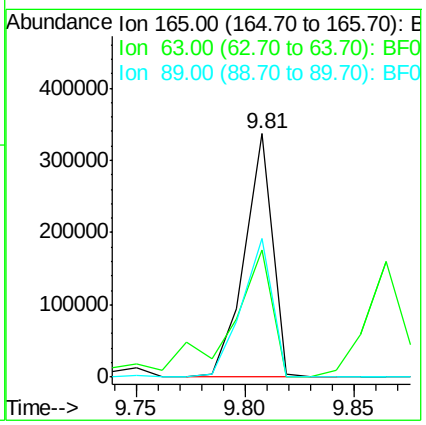
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

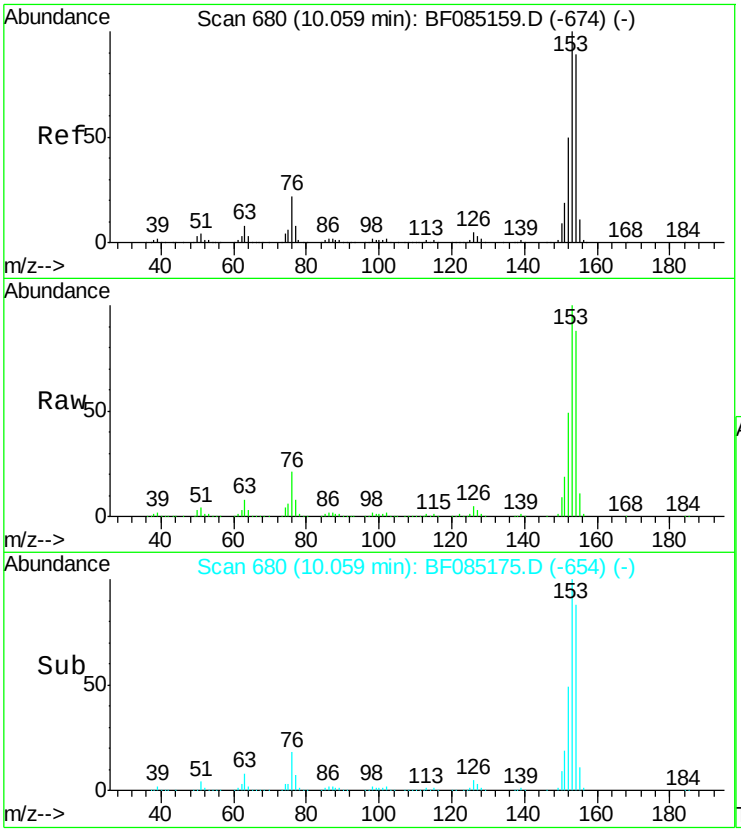


#50
2,6-Dinitrotoluene
Concen: 42.52 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:165 Resp: 301524

Ion	Ratio	Lower	Upper
165	100		
63	52.1	41.8	62.8
89	57.1	46.7	70.1

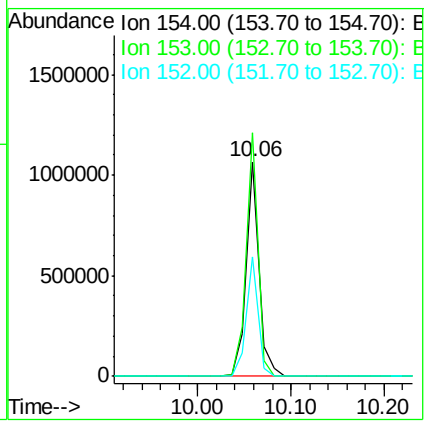




#51
Acenaphthene
Concen: 38.22 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

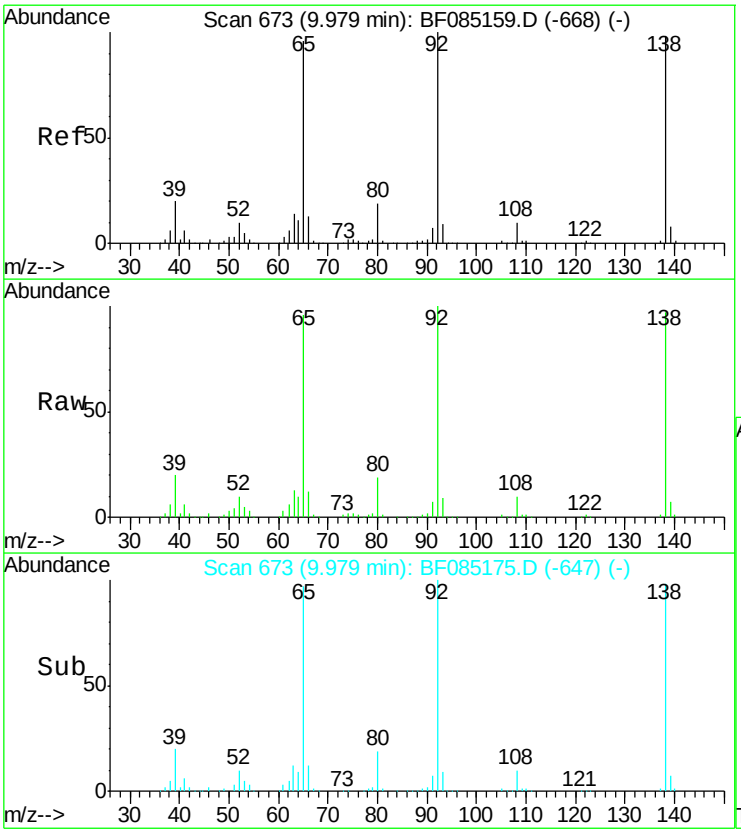
Tgt Ion:154 Resp: 1015853

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.8
152	55.8	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

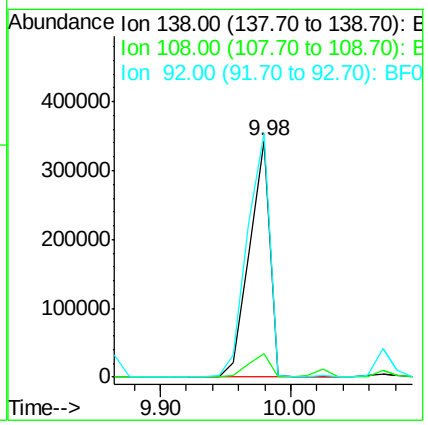
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

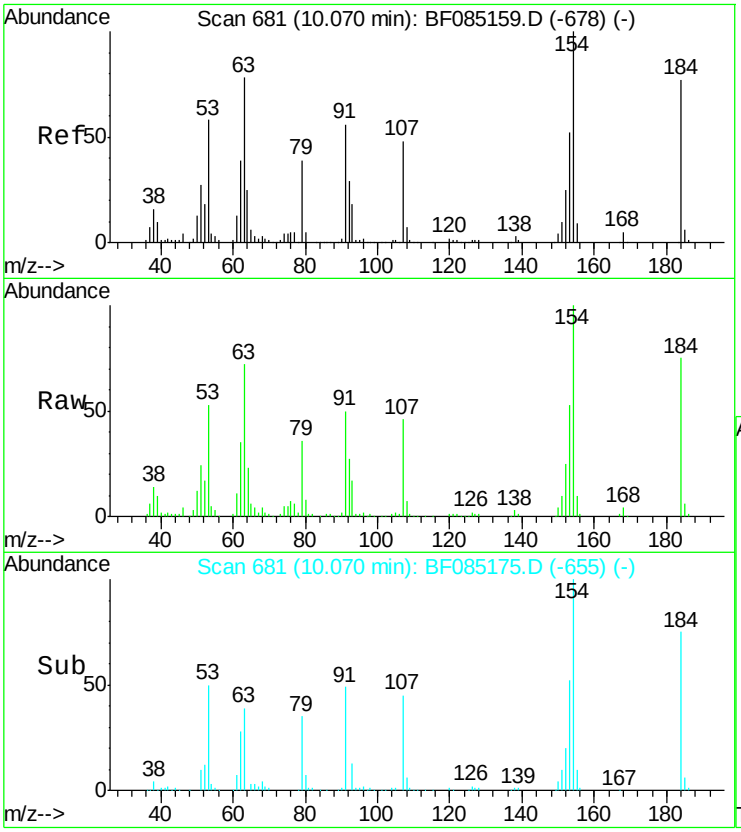


#52
3-Nitroaniline
Concen: 44.01 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:138 Resp: 373414

Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	103.1	81.3	121.9

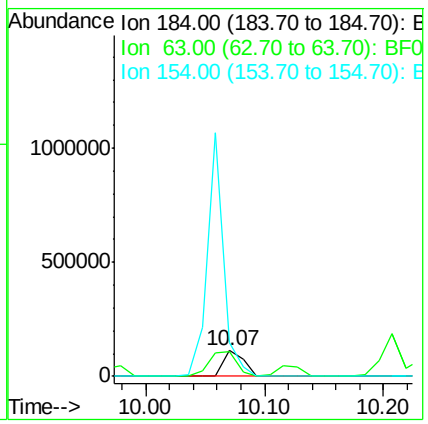




#53
2,4-Dinitrophenol
Concen: 41.51 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

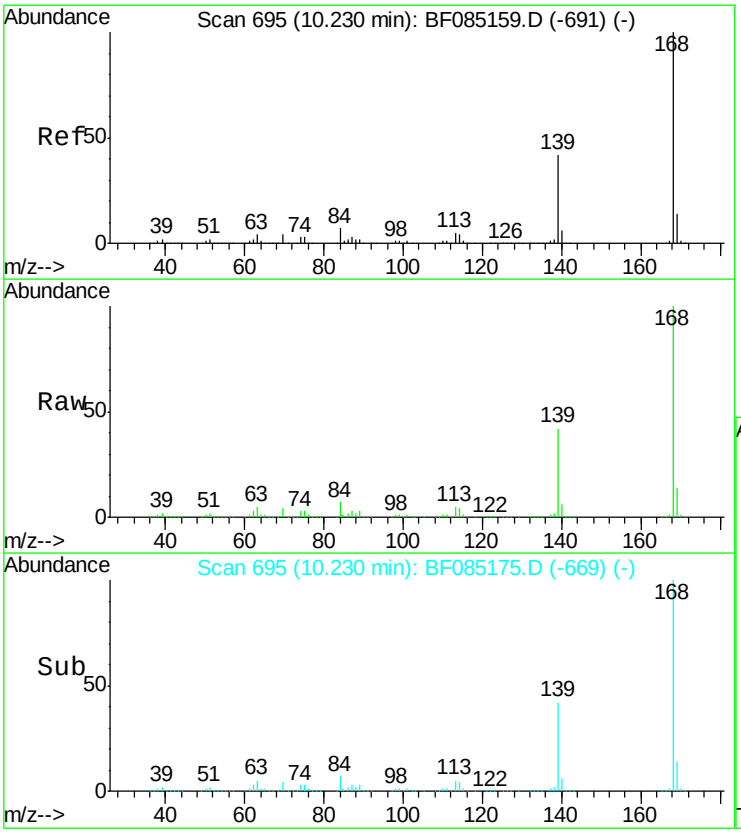
Tgt Ion:184 Resp: 133961

Ion	Ratio	Lower	Upper
184	100		
63	95.4	82.2	123.4
154	133.1	108.9	163.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

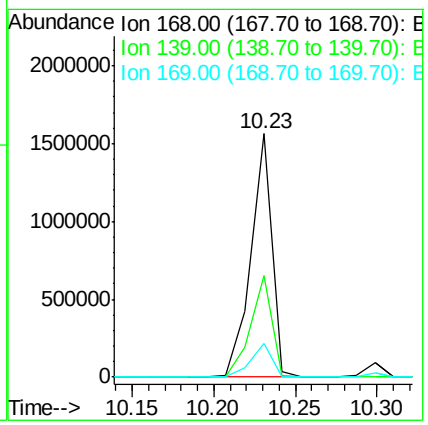
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

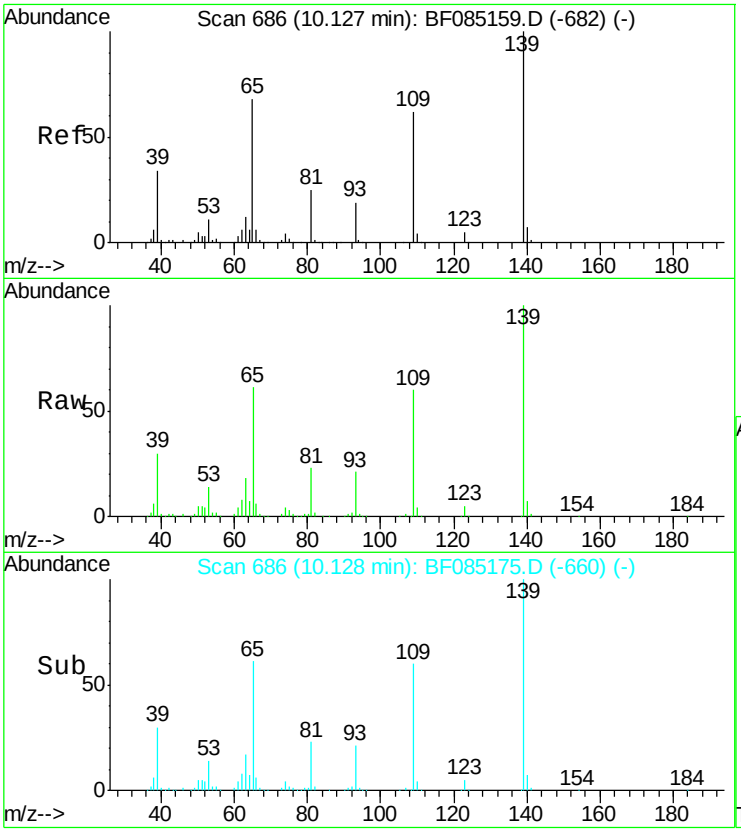


#54
Dibenzofuran
Concen: 40.01 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:168 Resp: 1393181

Ion	Ratio	Lower	Upper
168	100		
139	41.7	33.6	50.4
169	13.8	11.2	16.8

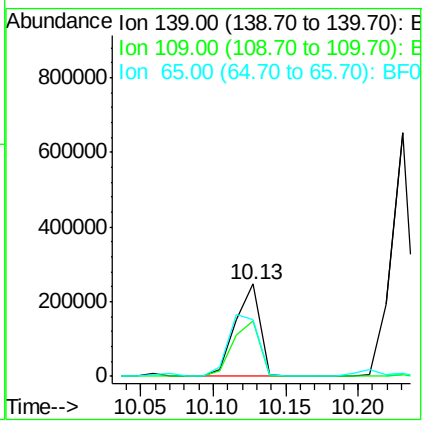




#55
4-Nitrophenol
Concen: 43.61 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

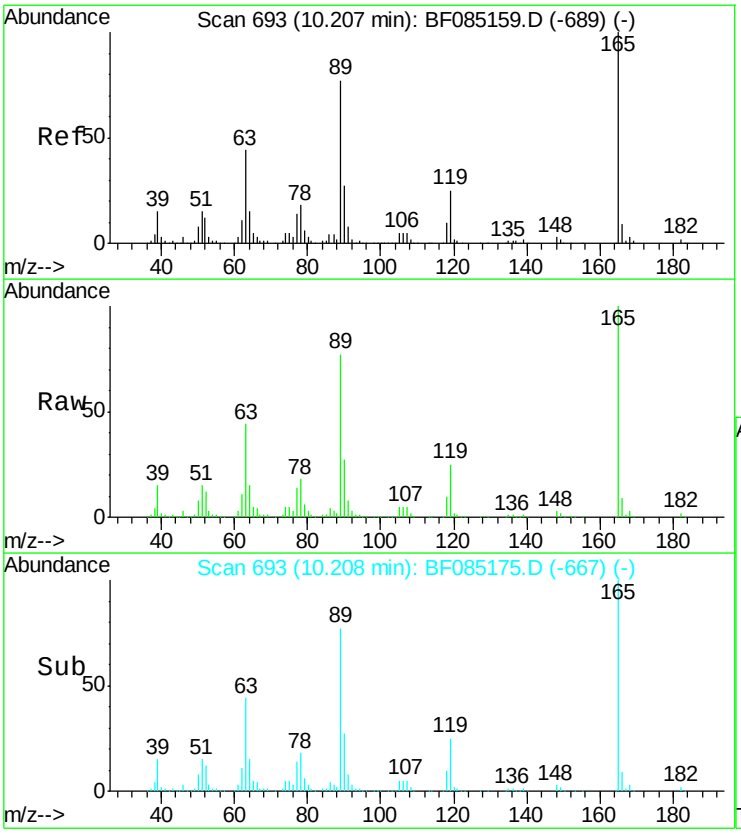
Tgt Ion:139 Resp: 290797

Ion	Ratio	Lower	Upper
139	100		
109	59.6	41.9	81.9
65	61.0	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

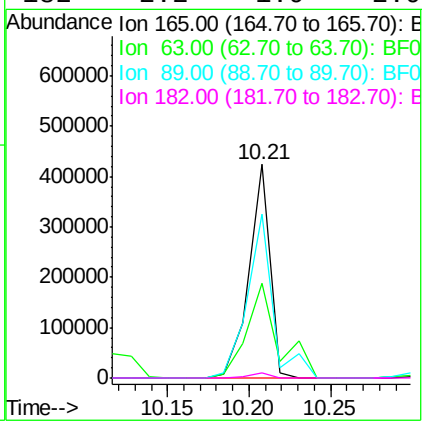
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

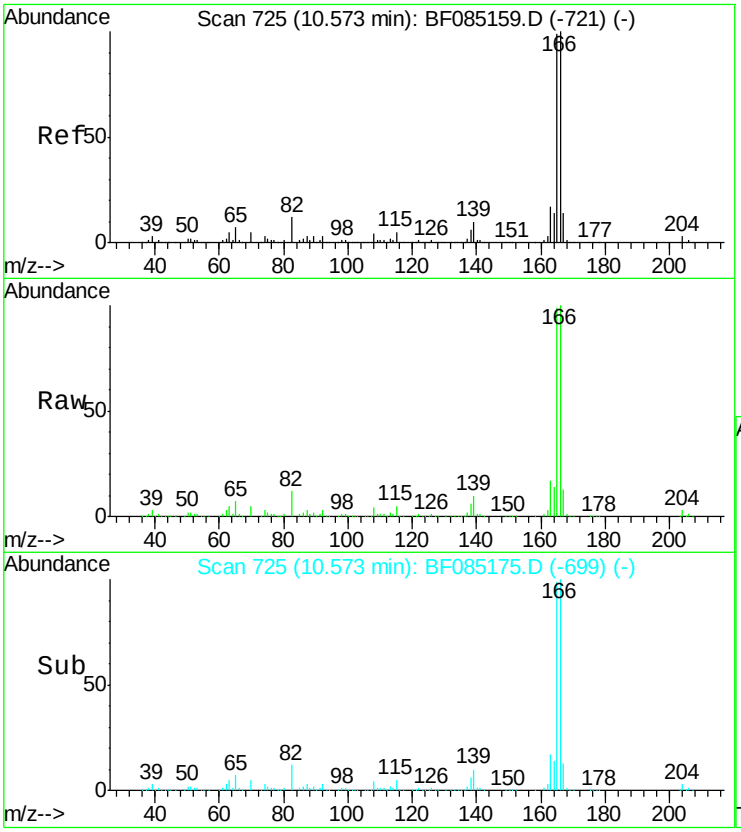


#56
2,4-Dinitrotoluene
Concen: 41.65 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:165 Resp: 378051

Ion	Ratio	Lower	Upper
165	100		
63	44.2	35.4	53.0
89	76.8	61.9	92.9
182	2.2	1.9	2.9

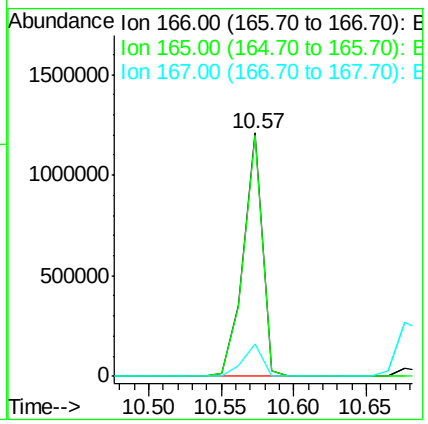




#57
Fluorene
Concen: 40.34 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

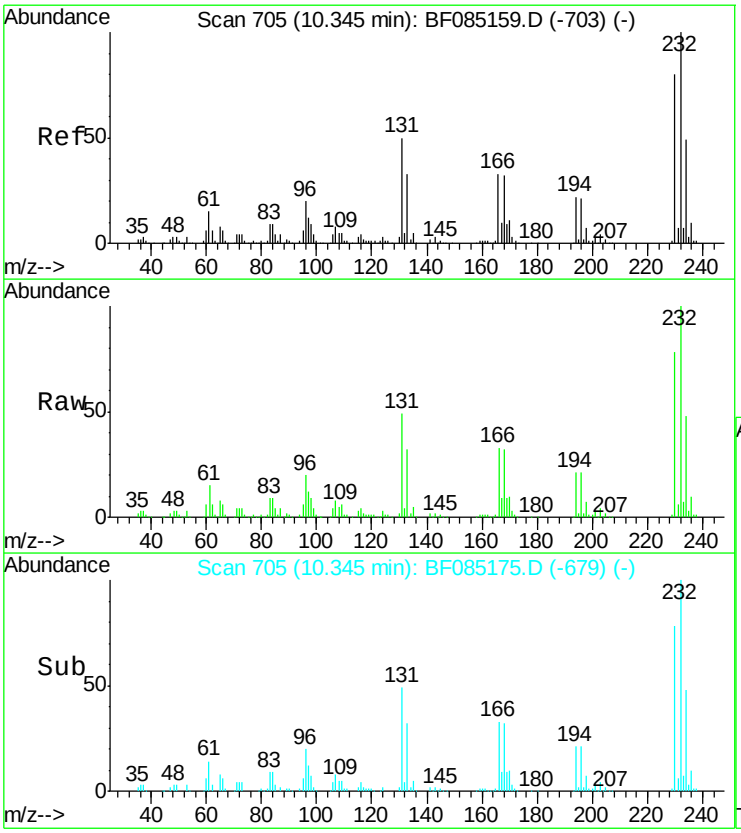
Tgt Ion:166 Resp: 1103631

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.4	119.0
167	13.3	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

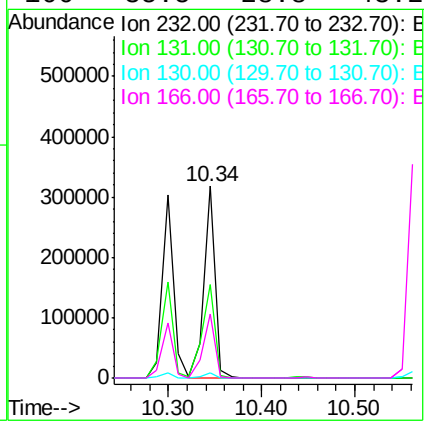
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

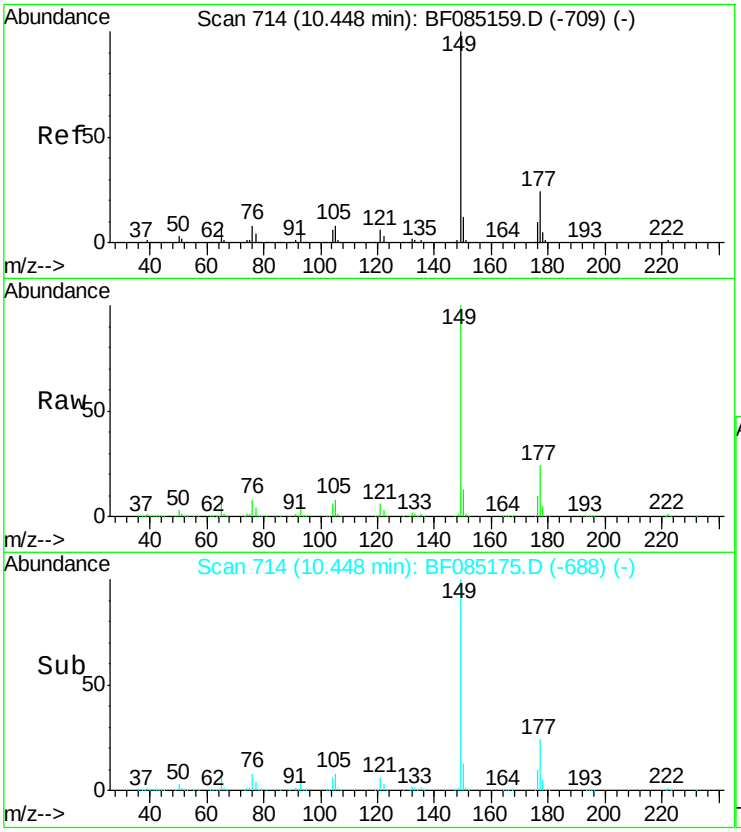


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.01 ng
RT: 10.34 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:232 Resp: 269543

Ion	Ratio	Lower	Upper
232	100		
131	55.1	46.0	69.0
130	2.7	2.2	3.4
166	35.5	28.8	43.2

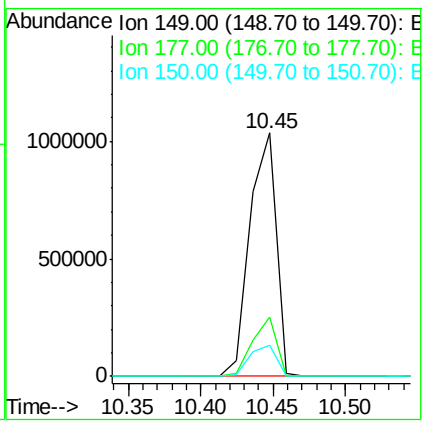




#59
Diethylphthalate
Concen: 40.62 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

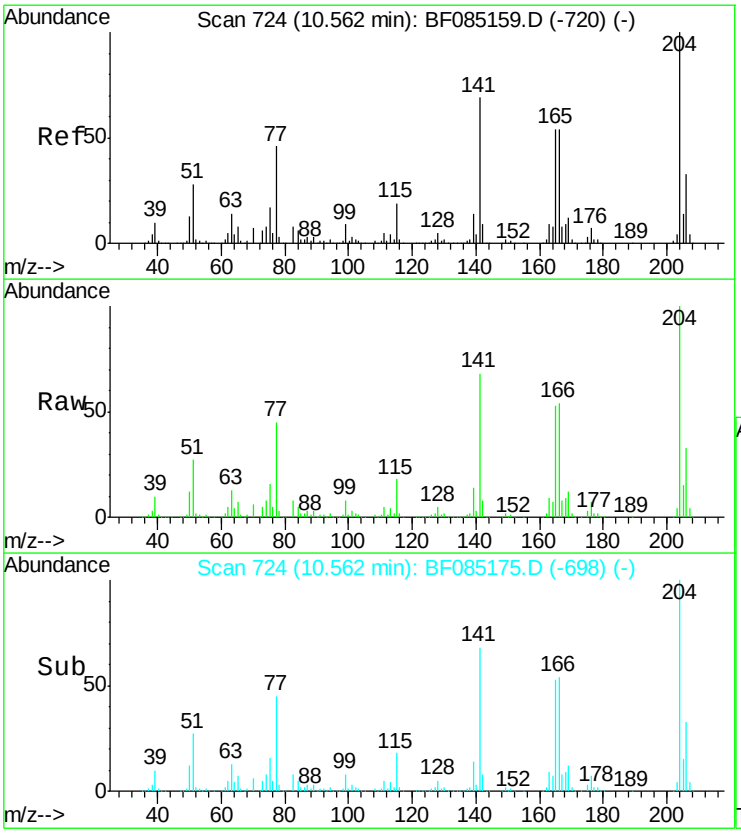
Tgt Ion:149 Resp: 1306911

Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	12.6	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

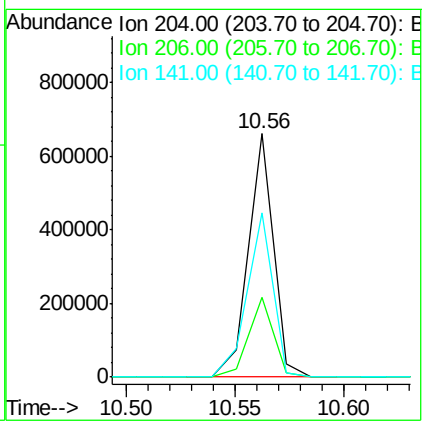
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

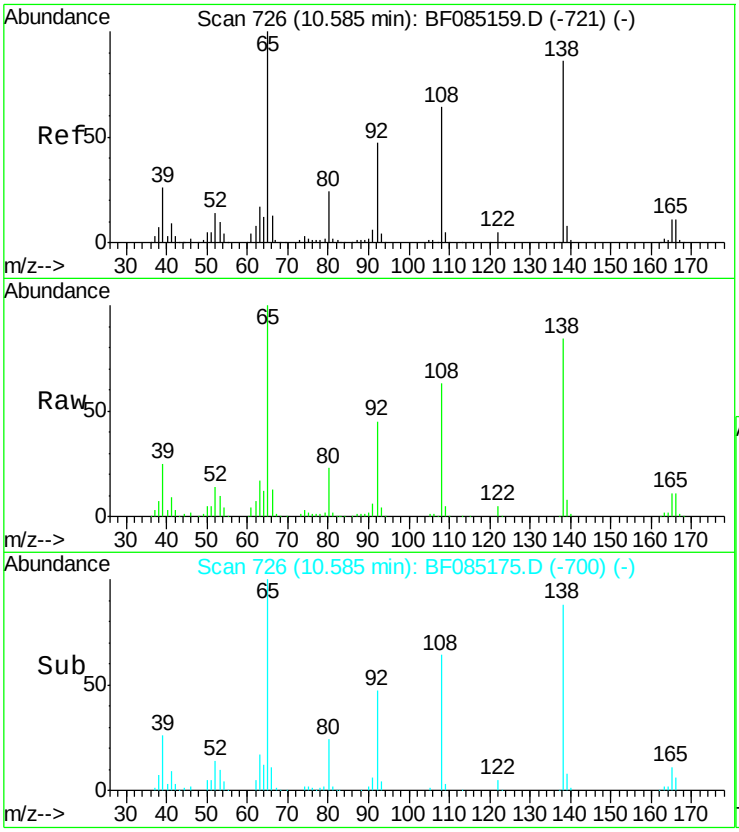


#60
4-Chlorophenyl-phenylether
Concen: 39.76 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:204 Resp: 529238

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	67.6	55.4	83.2

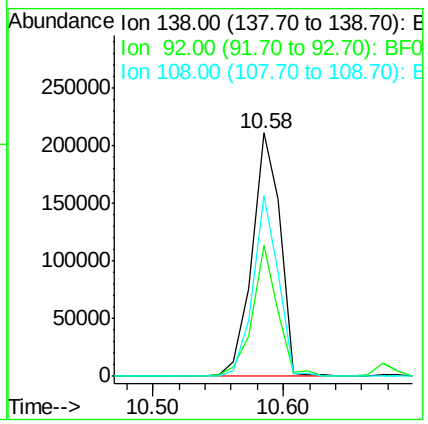




#61
4-Nitroaniline
Concen: 39.91 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

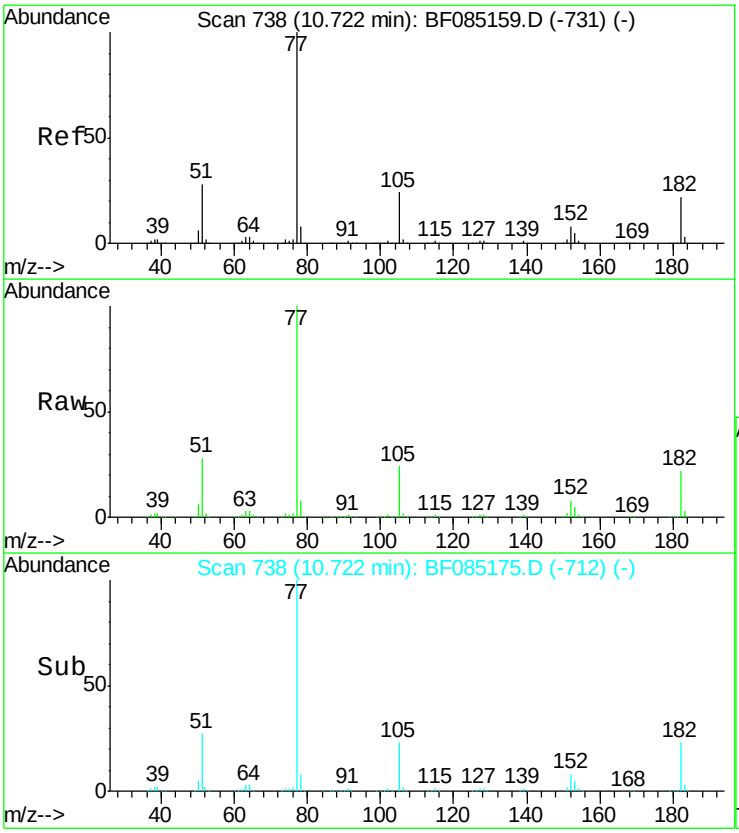
Tgt Ion:138 Resp: 316758

Ion	Ratio	Lower	Upper
138	100		
92	53.9	34.2	74.2
108	74.3	53.9	93.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

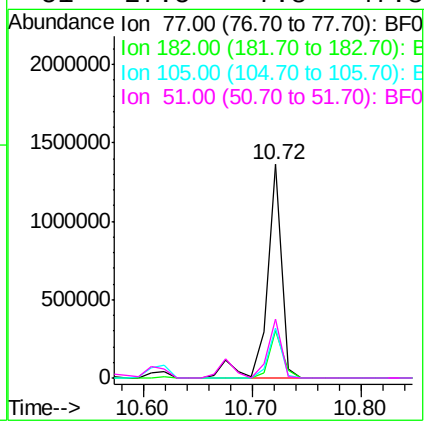
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

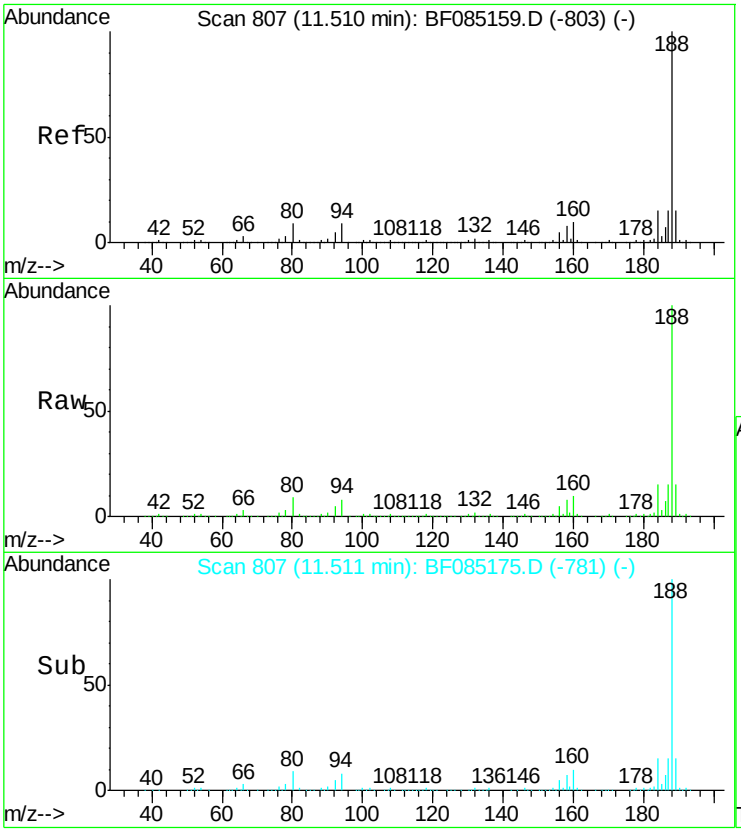


#62
Azobenzene
Concen: 40.93 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion: 77 Resp: 1297220

Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.1	42.1
105	23.6	3.8	43.8
51	27.5	7.8	47.8

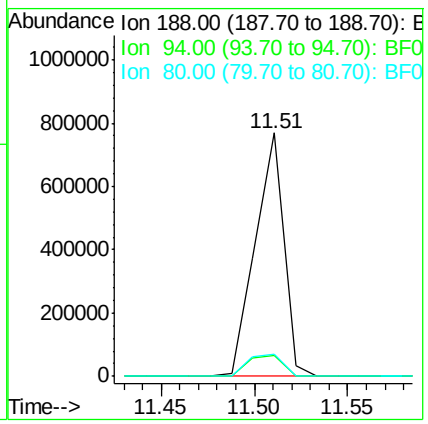




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

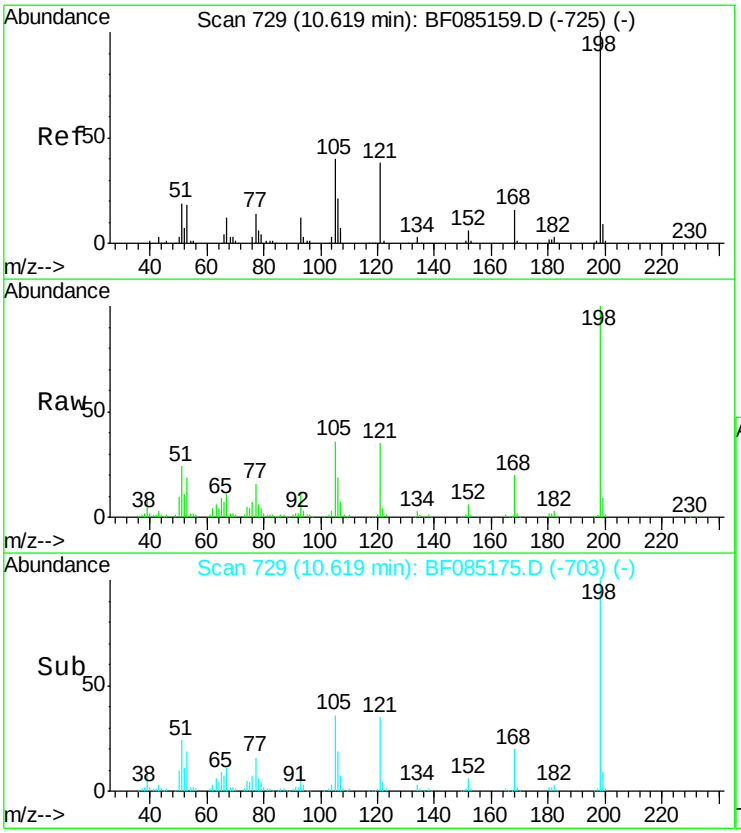
Tgt Ion:188 Resp: 814801

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.9	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

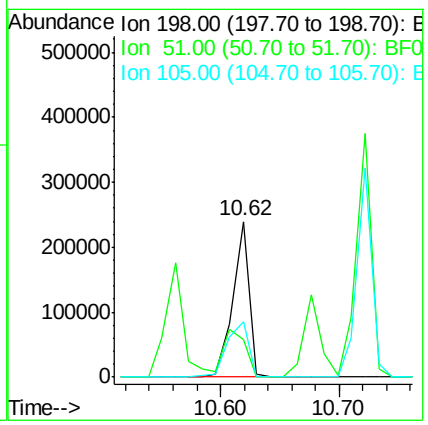
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

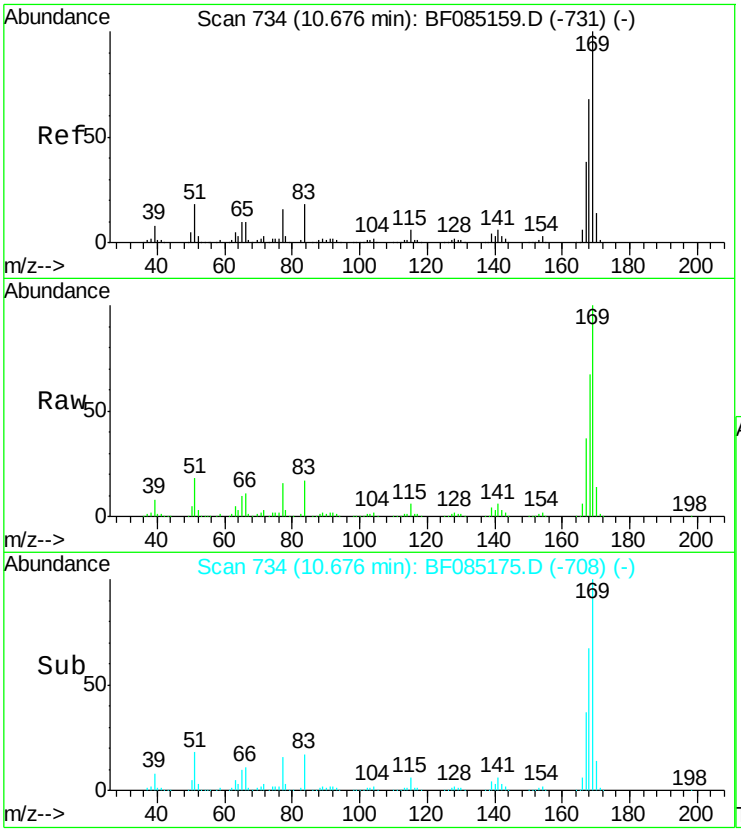


#64
4,6-Dinitro-2-methylphenol
Concen: 46.52 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:198 Resp: 226972

Ion	Ratio	Lower	Upper
198	100		
51	24.2	9.5	49.5
105	35.6	20.5	60.5

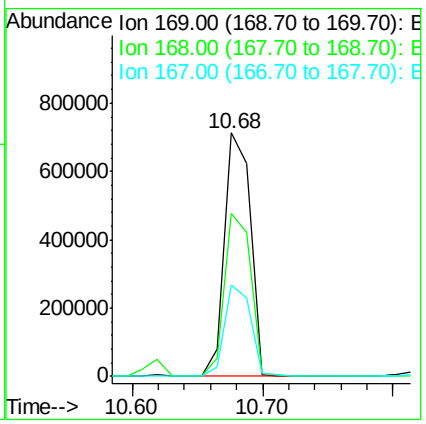




#65
n-Nitrosodiphenylamine
Concen: 38.48 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

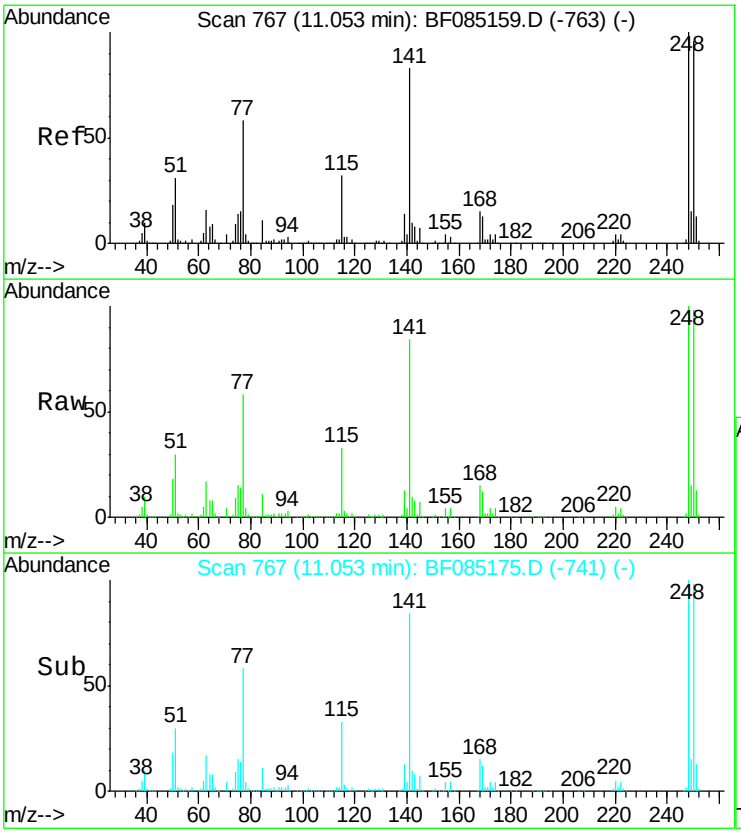
Tgt Ion:169 Resp: 975171

Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.8	82.2
167	37.4	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

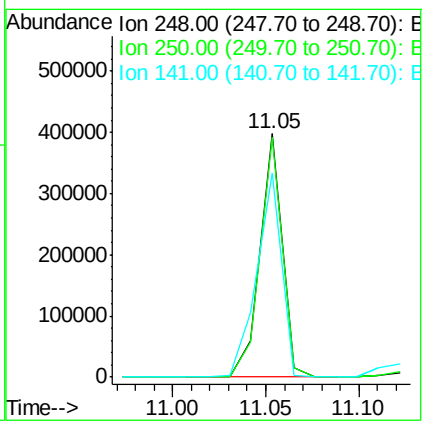
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

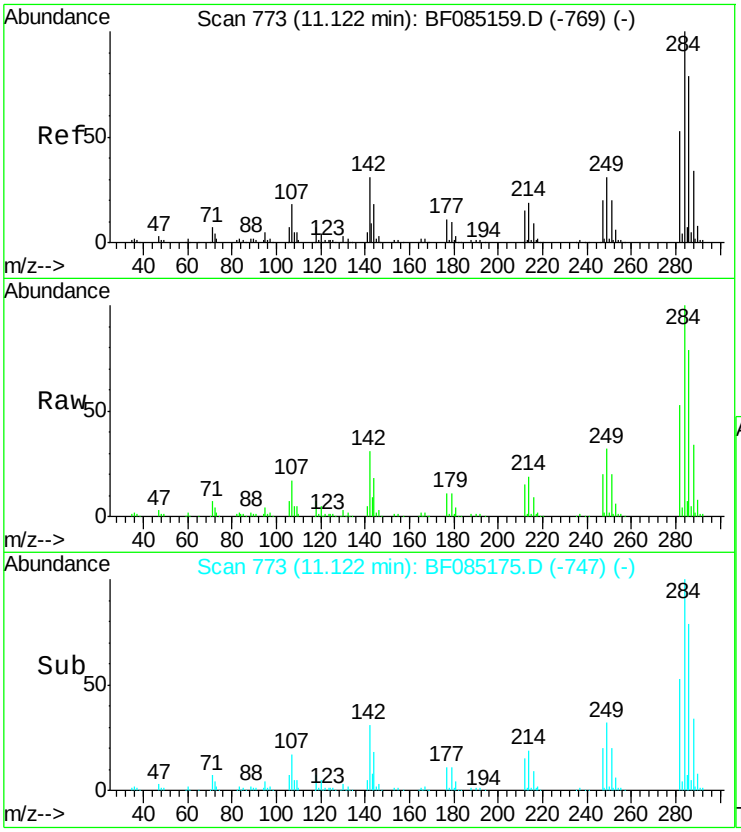


#66
4-Bromophenyl-phenylether
Concen: 41.04 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:248 Resp: 324681

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	83.7	66.2	99.2

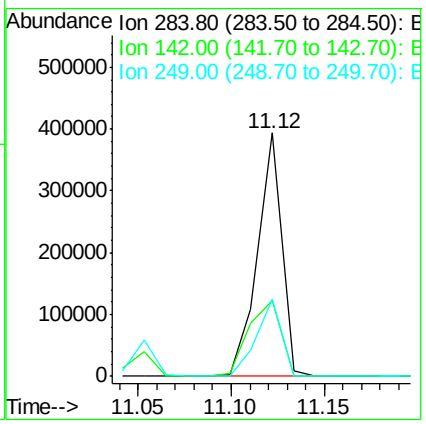




#67
Hexachlorobenzene
Concen: 41.73 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

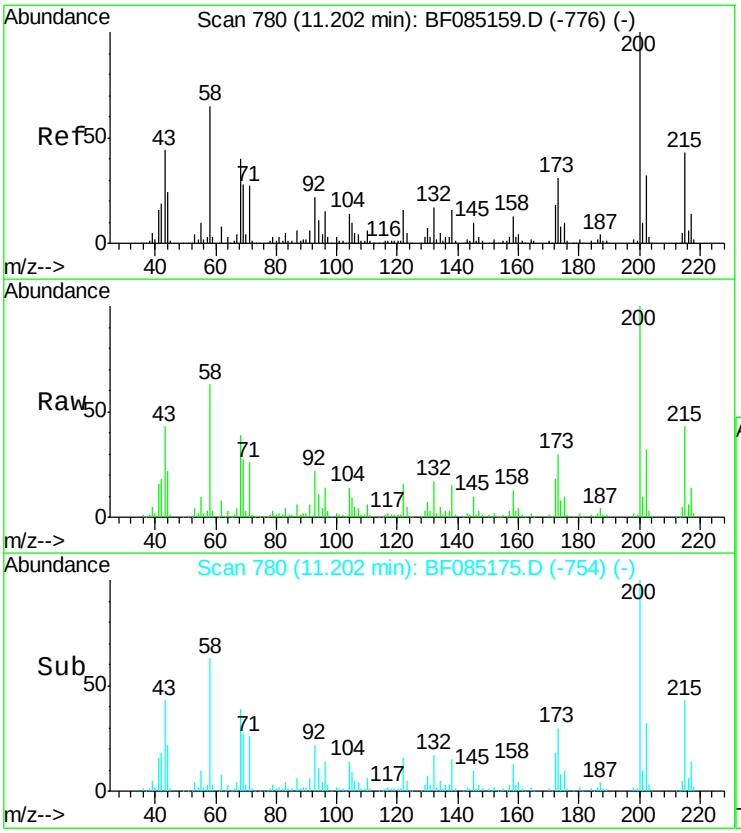
Tgt Ion:284 Resp: 352240

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.9	37.3
249	31.5	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

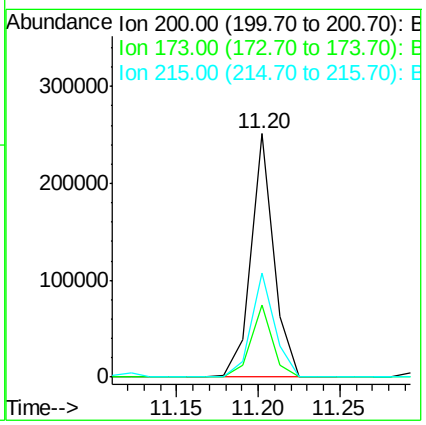
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

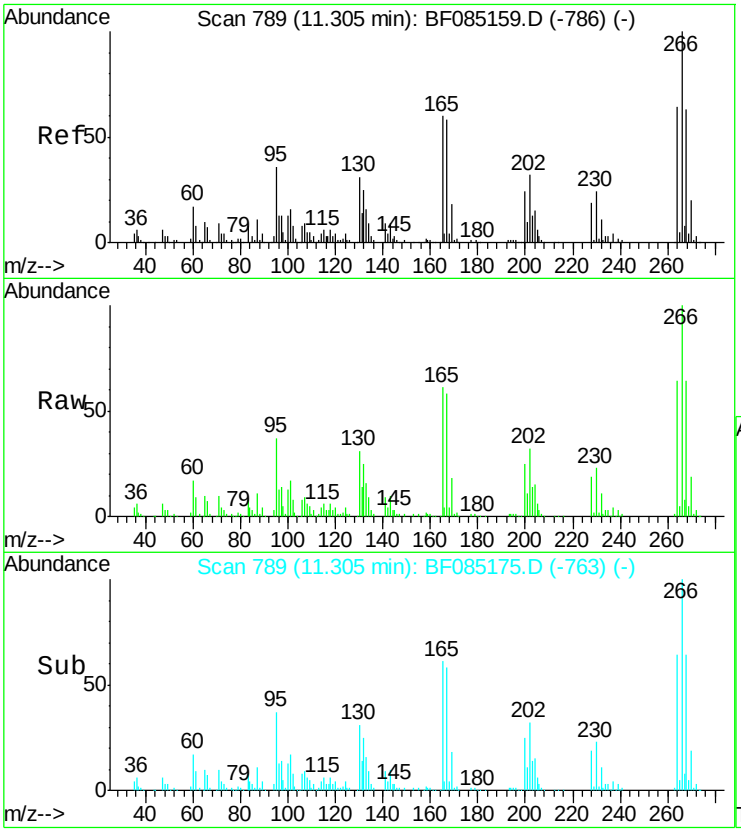


#68
Atrazine
Concen: 34.47 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:200 Resp: 242921

Ion	Ratio	Lower	Upper
200	100		
173	29.6	10.5	50.5
215	42.6	23.4	63.4

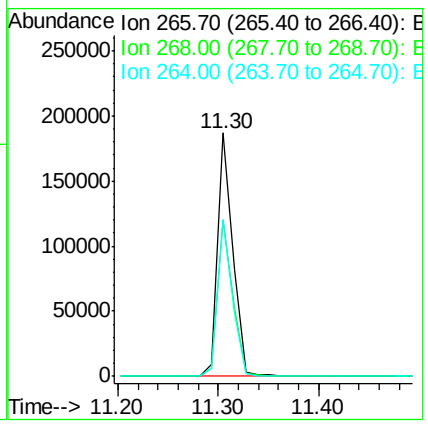




#69
Pentachlorophenol
Concen: 41.80 ng
RT: 11.30 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

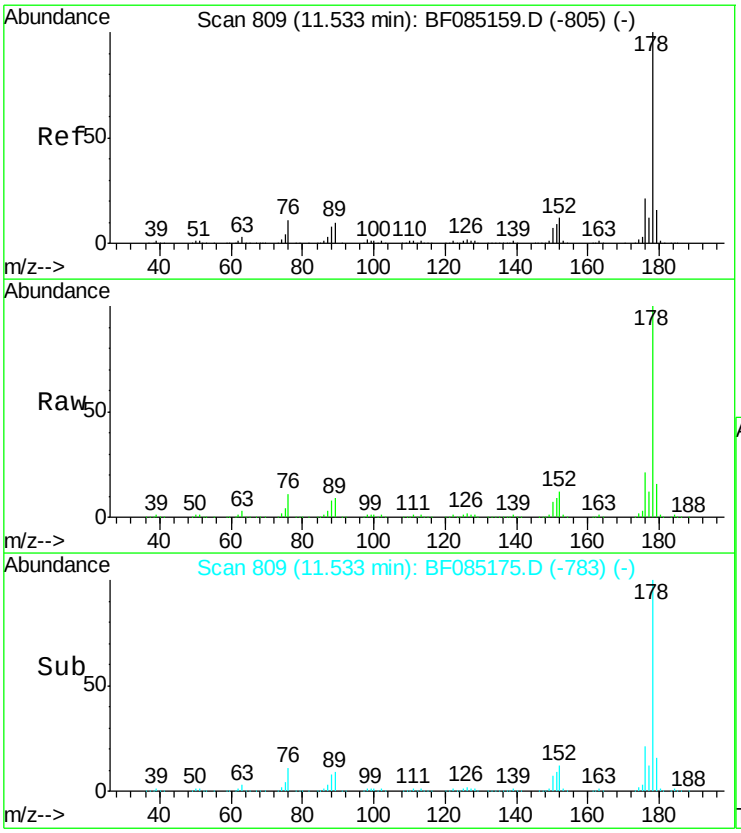
Tgt Ion:266 Resp: 195844

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.0	75.0
264	64.3	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

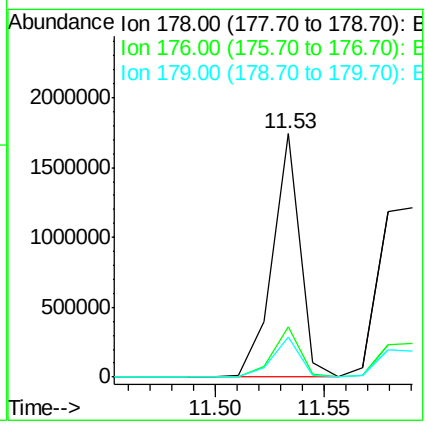
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

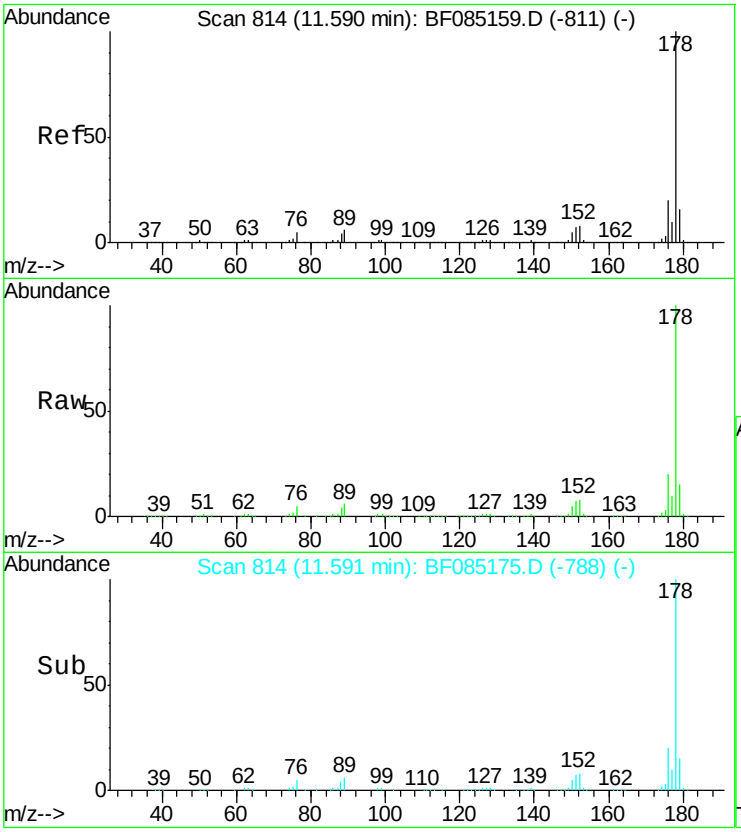


#70
Phenanthrene
Concen: 36.21 ng
RT: 11.53 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:178 Resp: 1546370

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	16.4	13.1	19.7

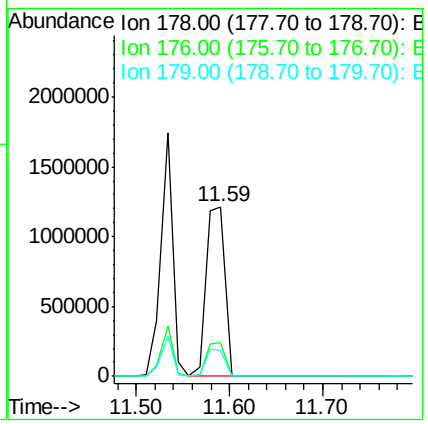




#71
Anthracene
Concen: 37.59 ng
RT: 11.59 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

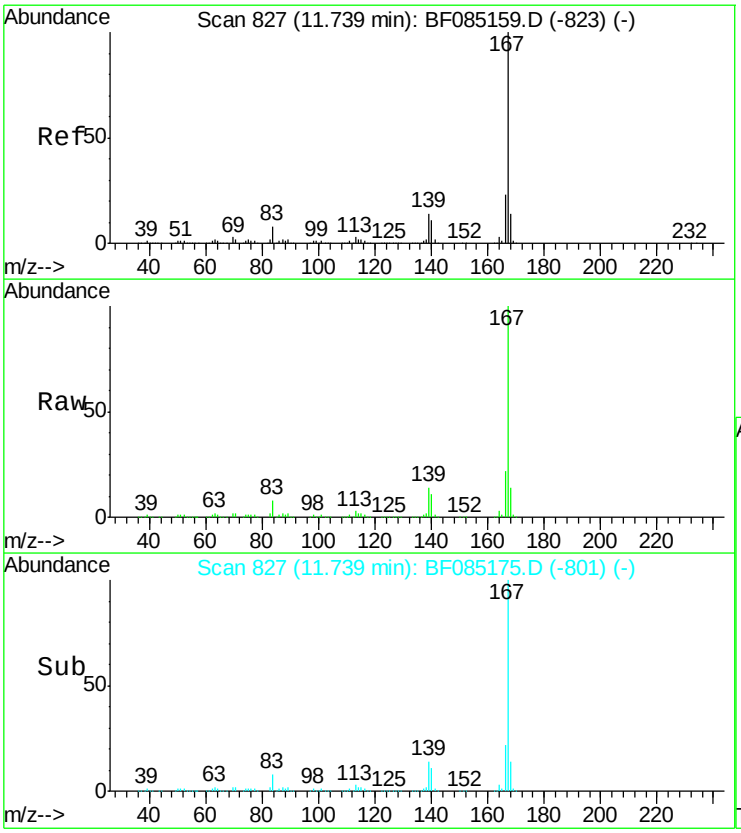
Tgt Ion:178 Resp: 1704004

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

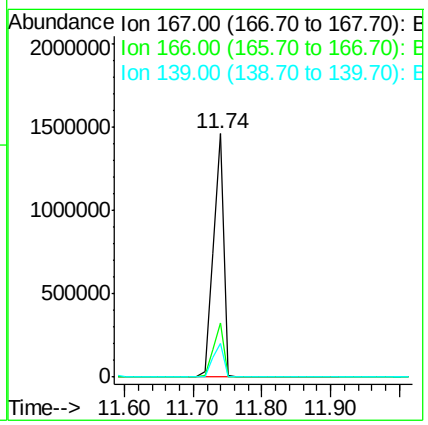
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

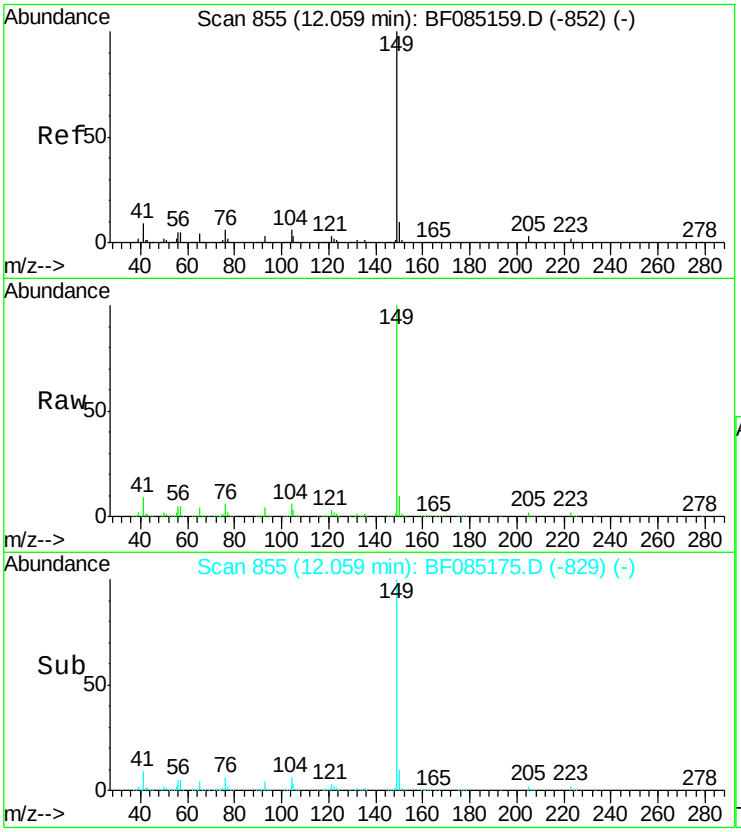


#72
Carbazole
Concen: 39.00 ng
RT: 11.74 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:167 Resp: 1550410

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	14.0	11.4	17.0

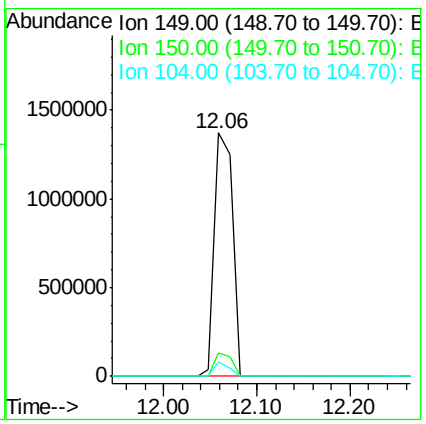




#73
Di-n-butylphthalate
Concen: 36.42 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

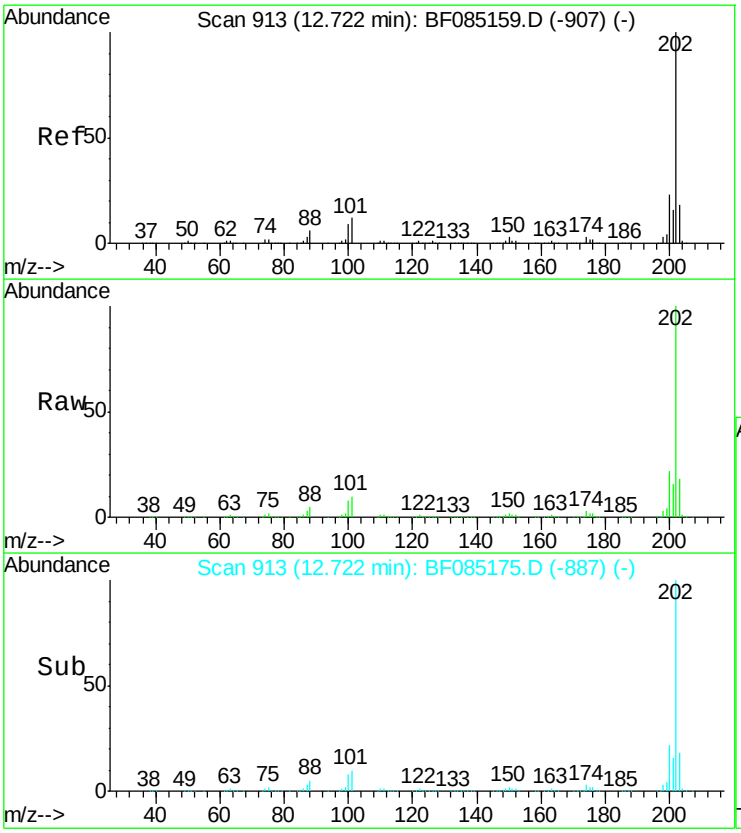
Tgt Ion:149 Resp: 1829957

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.9	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

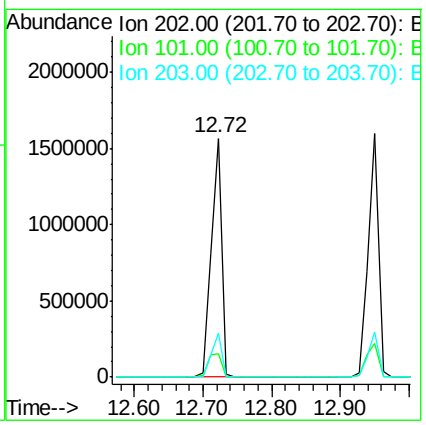
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

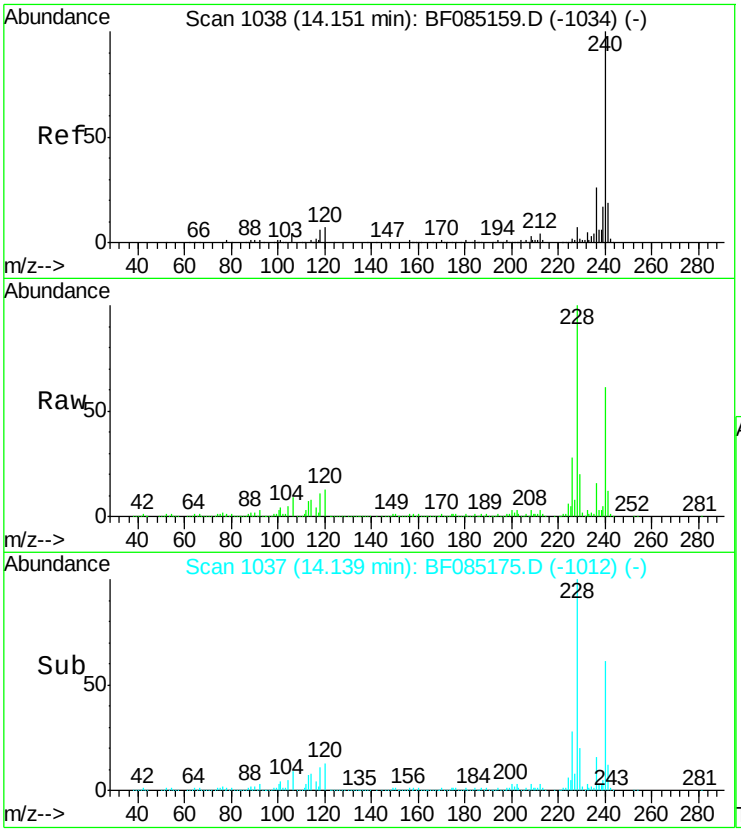


#74
Fluoranthene
Concen: 38.96 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:202 Resp: 1669630

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	18.2	0.0	38.4

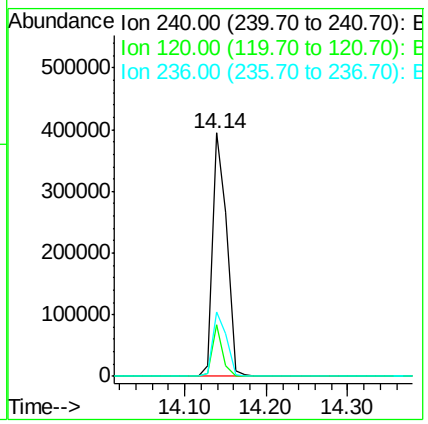




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

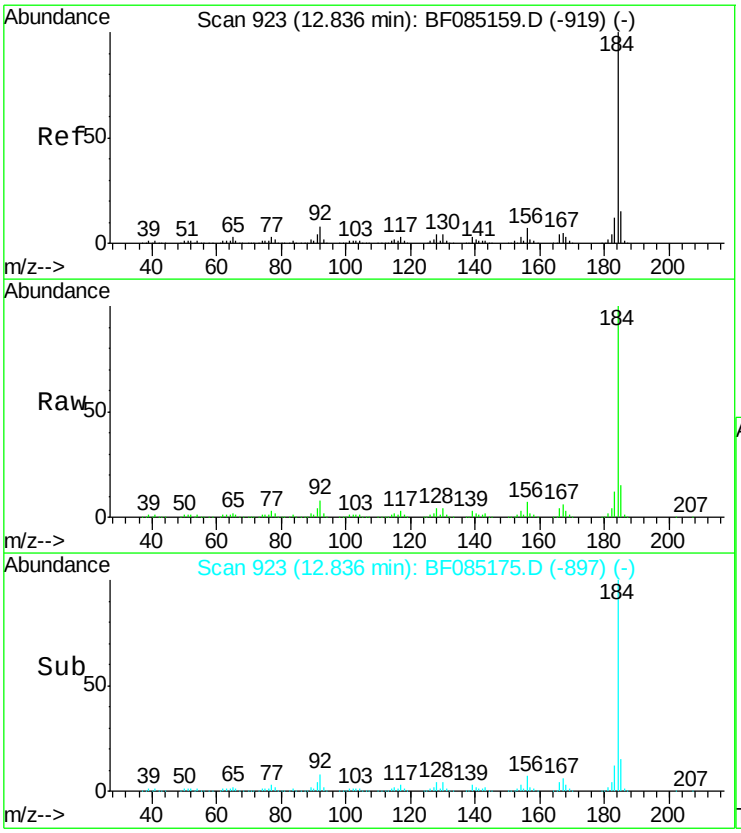
Tgt Ion:240 Resp: 476005

Ion	Ratio	Lower	Upper
240	100		
120	21.0	5.3	7.9#
236	26.4	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

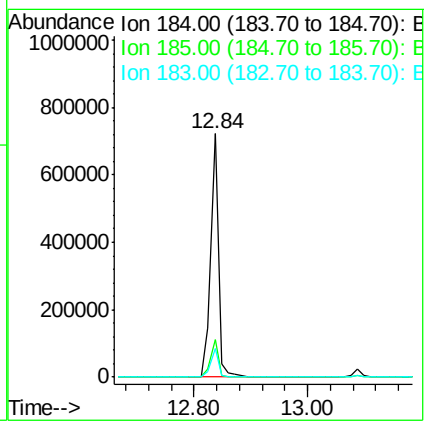
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

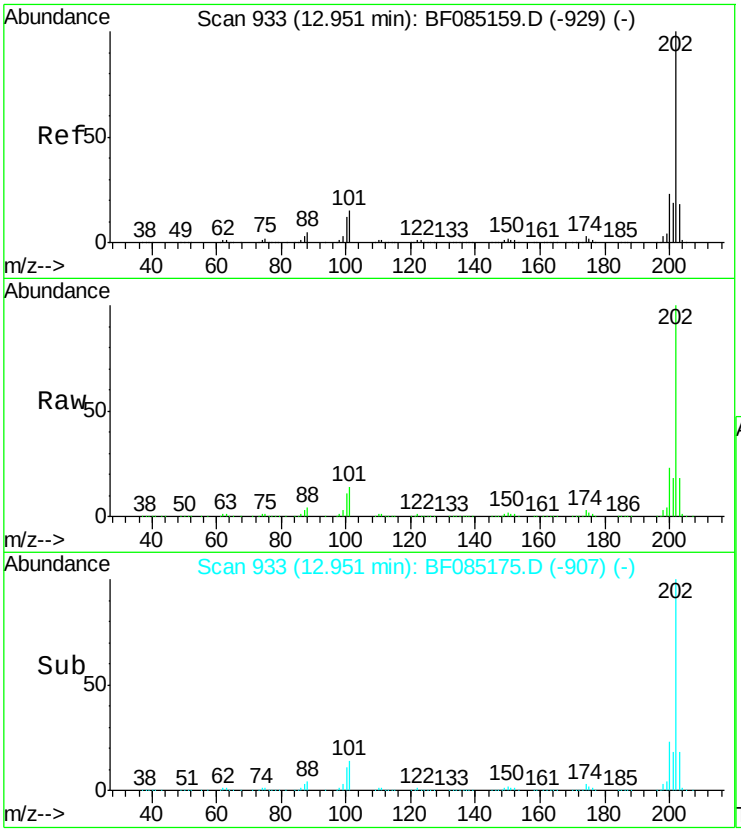


#76
Benzidine
Concen: 45.76 ng
RT: 12.84 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:184 Resp: 648270

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.4	18.6
183	11.8	9.4	14.2

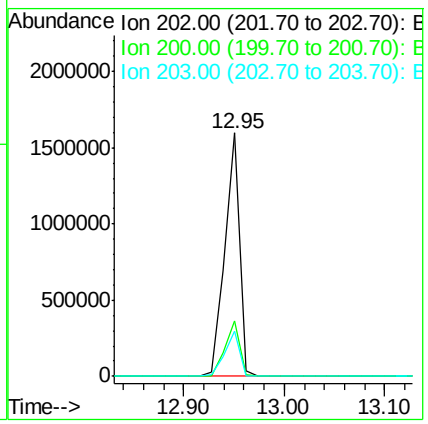




#77
Pyrene
Concen: 45.33 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

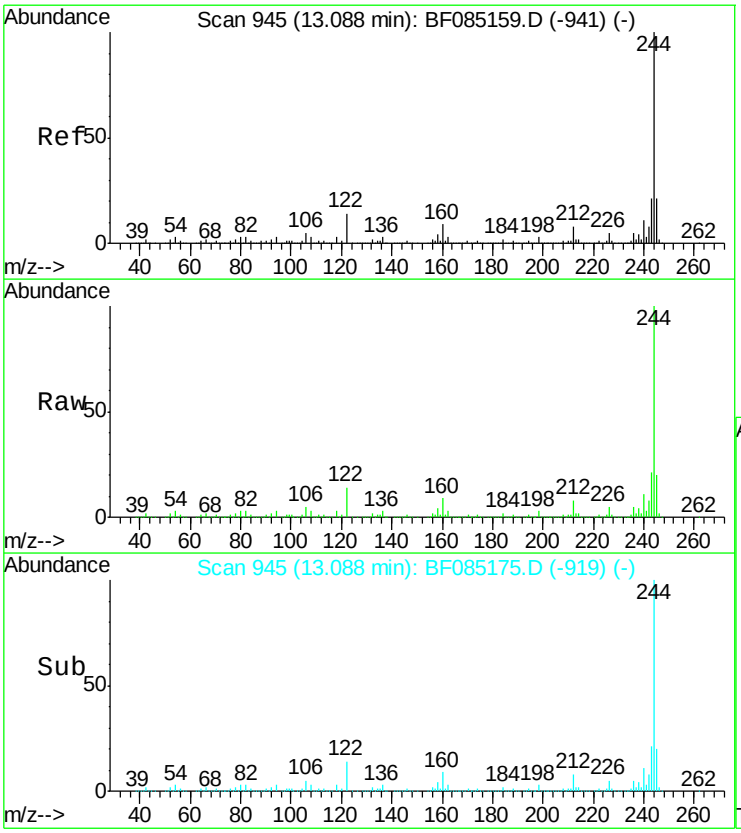
Tgt Ion:202 Resp: 1623887

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.2	27.4
203	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

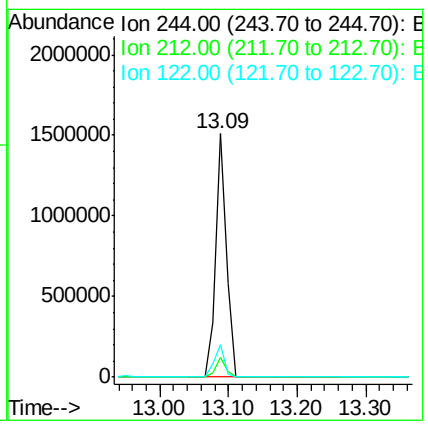
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

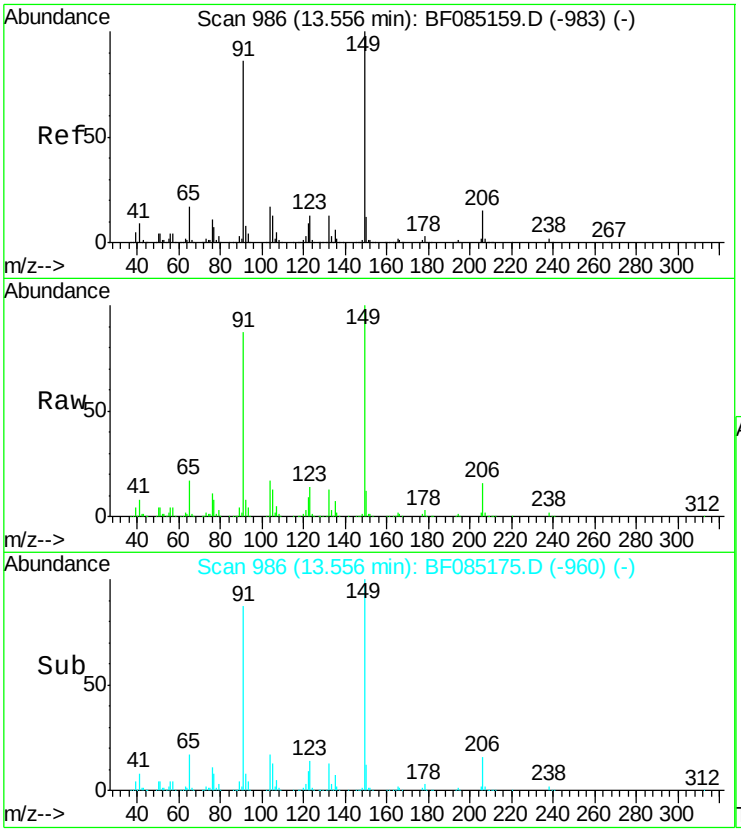


#78
Terphenyl-d14
Concen: 82.18 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:244 Resp: 1685129

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	13.5	11.4	17.2

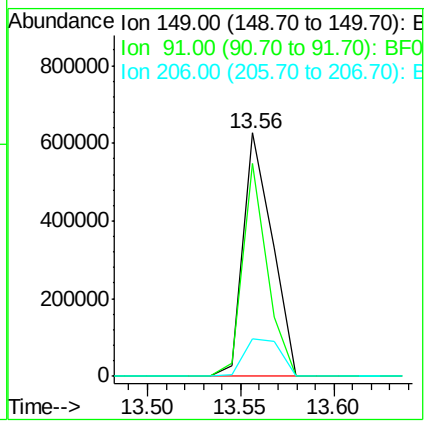




#79
Butylbenzylphthalate
Concen: 41.67 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

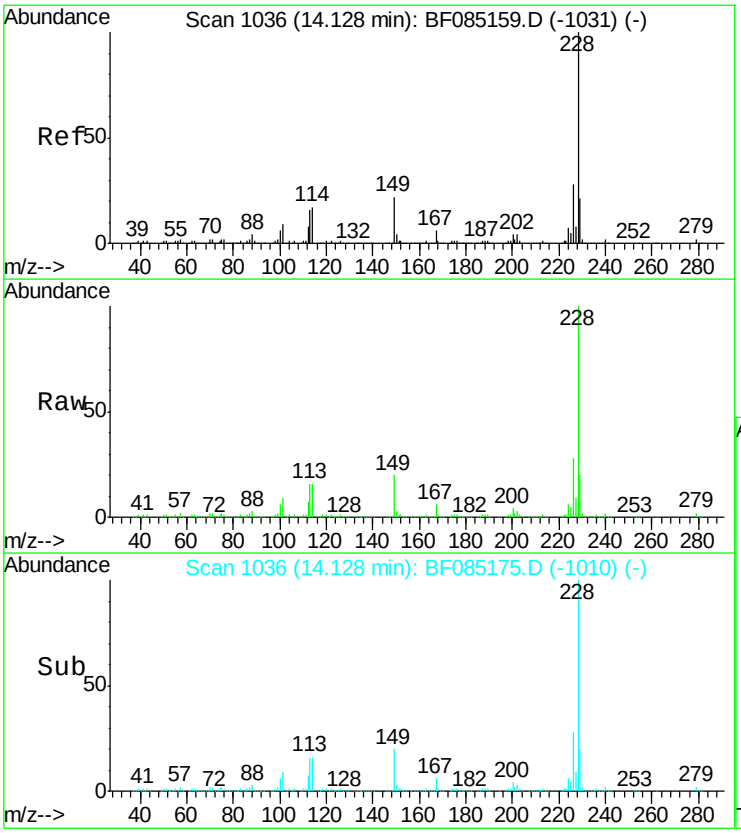
Tgt Ion:149 Resp: 677331

Ion	Ratio	Lower	Upper
149	100		
91	87.4	69.0	103.4
206	15.6	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

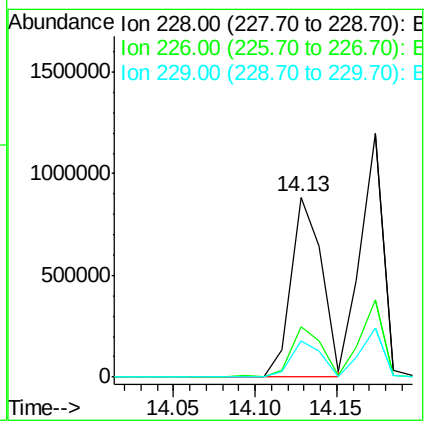
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

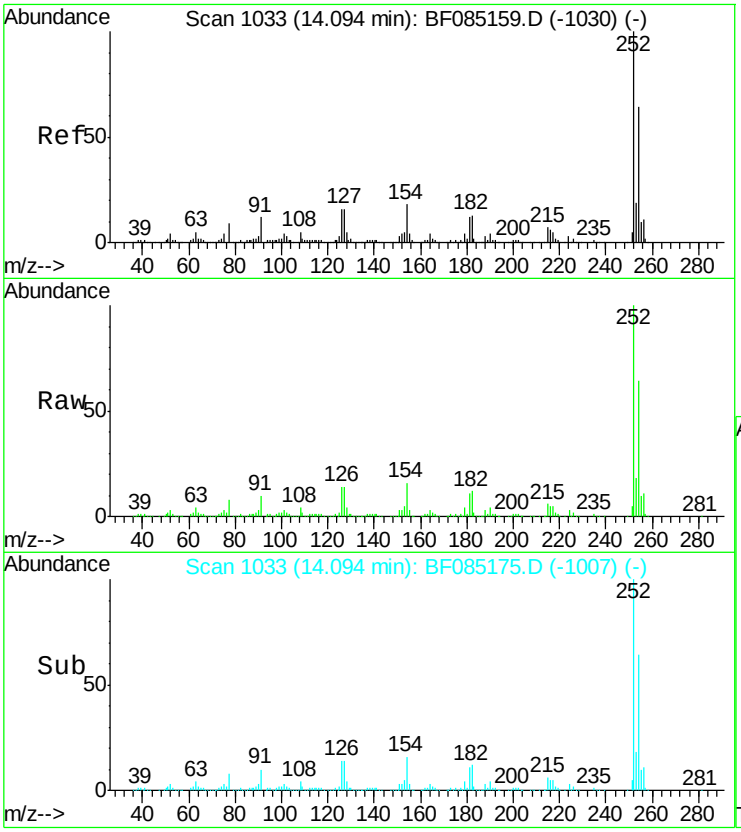


#80
Benzo(a)anthracene
Concen: 40.67 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:228 Resp: 1158885

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.5	16.6	24.8

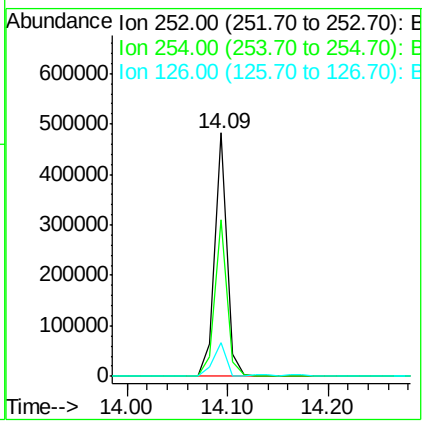




#81
3,3'-Dichlorobenzidine
Concen: 45.81 ng
RT: 14.09 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

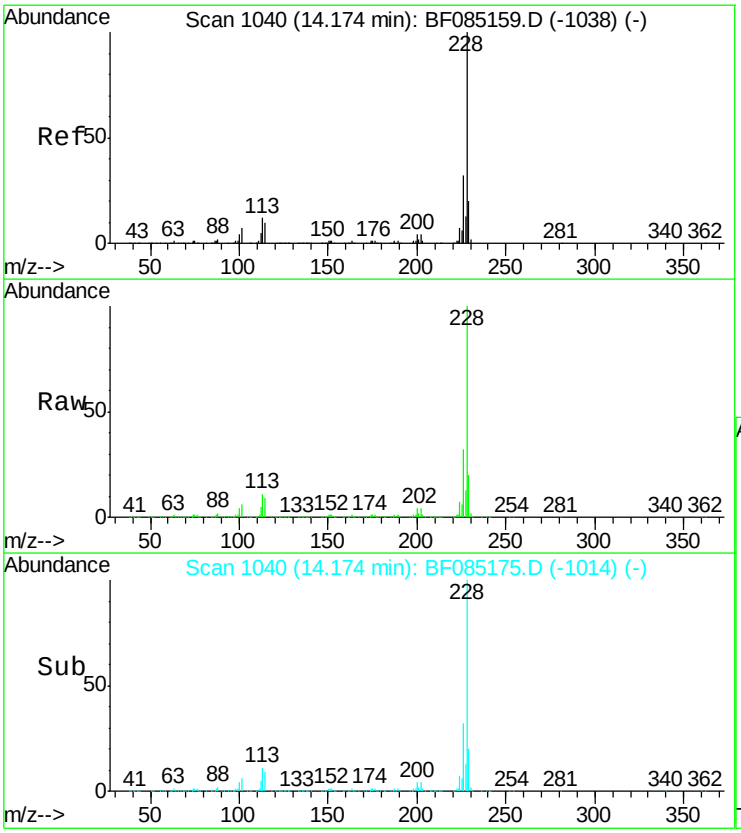
Tgt Ion:252 Resp: 411812

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	13.8	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

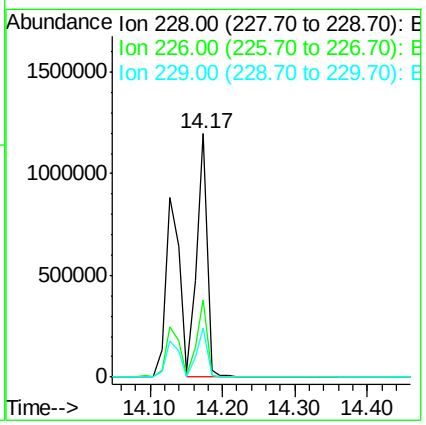
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

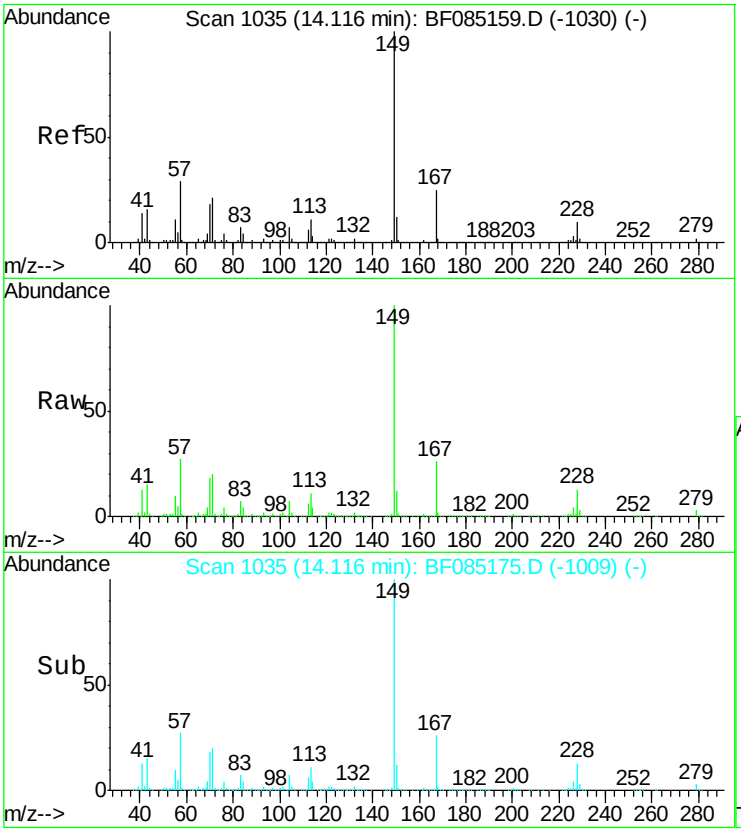


#82
Chrysene
Concen: 45.08 ng
RT: 14.17 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:228 Resp: 1186653

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	19.9	16.0	24.0

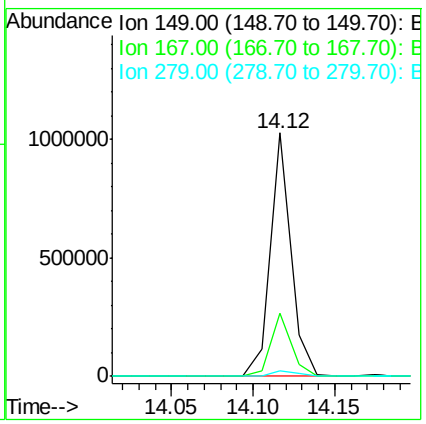




#83
Bis(2-ethylhexyl)phthalate
Concen: 42.42 ng
RT: 14.12 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

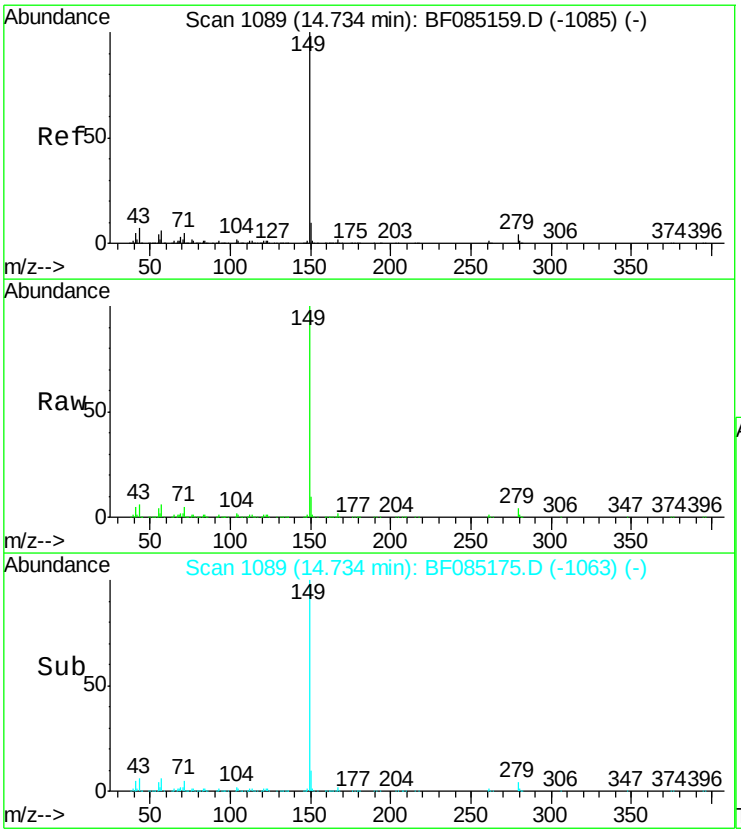
Tgt Ion:149 Resp: 907548

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.3	30.5
279	2.5	1.9	2.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

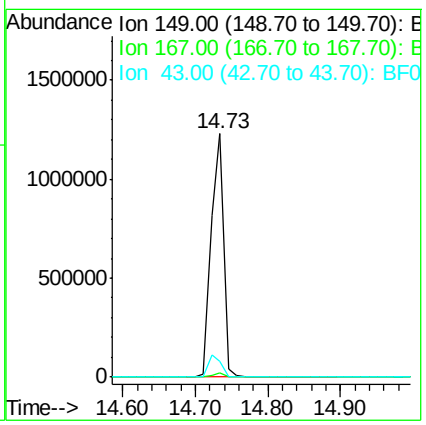
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

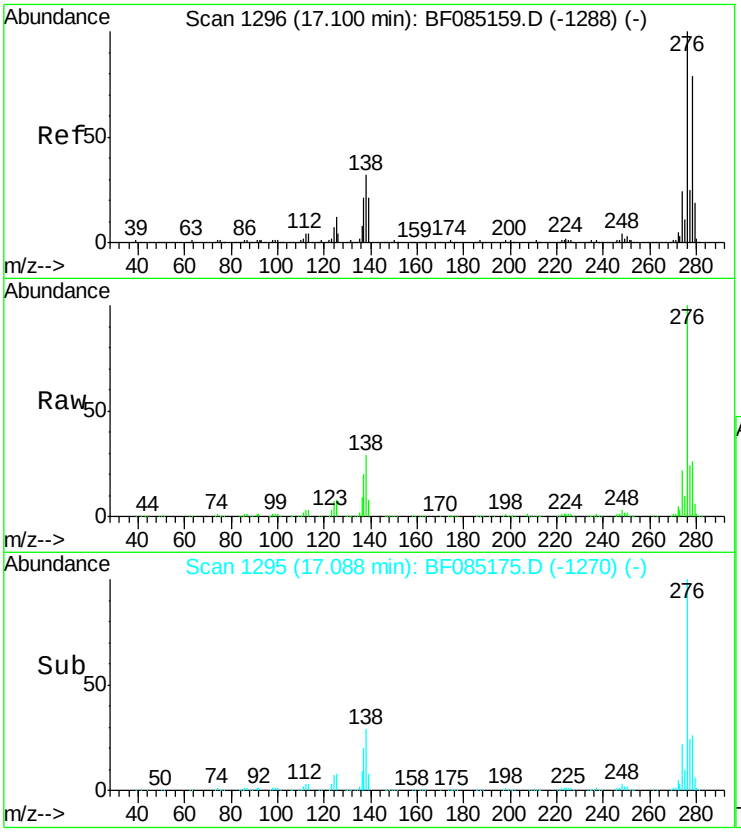


#84
Di-n-octyl phthalate
Concen: 44.61 ng
RT: 14.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:149 Resp: 1453436

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	9.3	7.8	11.8

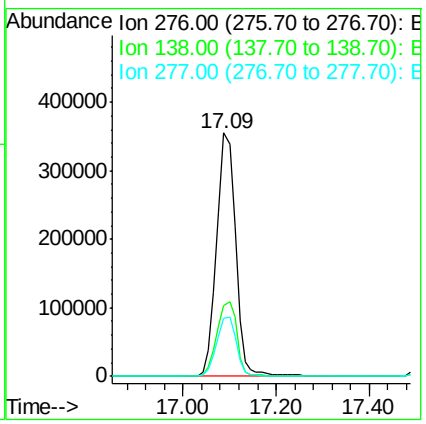




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.96 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

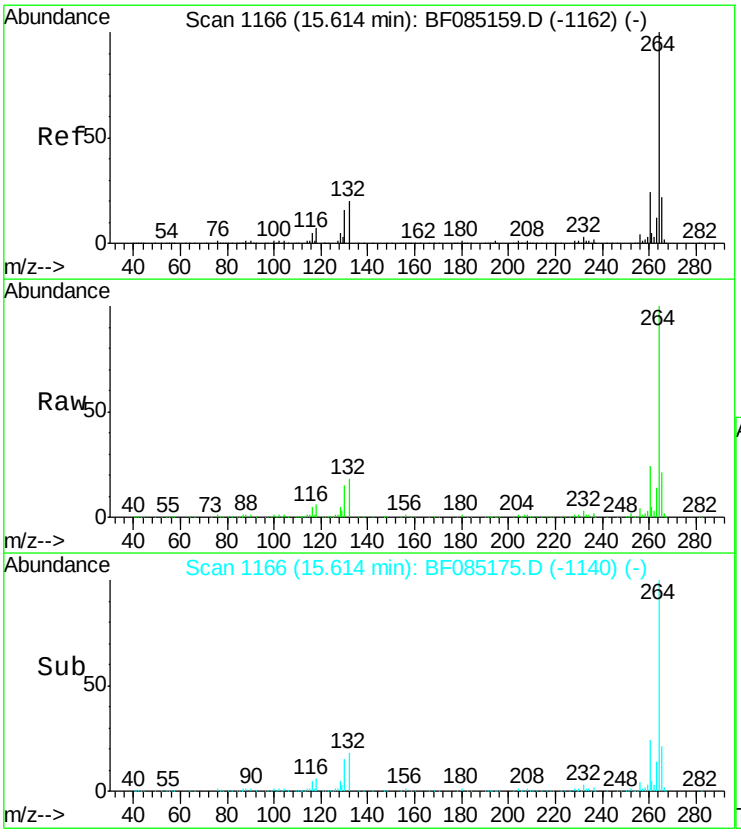
Tgt Ion:276 Resp: 1005780

Ion	Ratio	Lower	Upper
276	100		
138	32.4	26.4	39.6
277	25.2	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

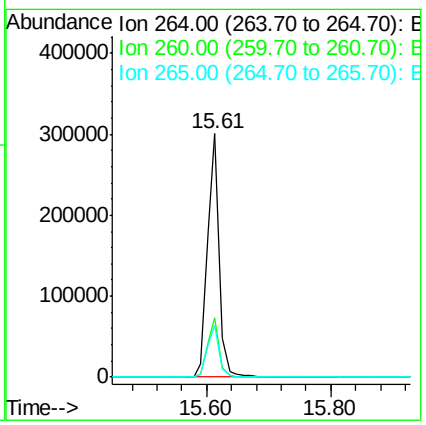
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

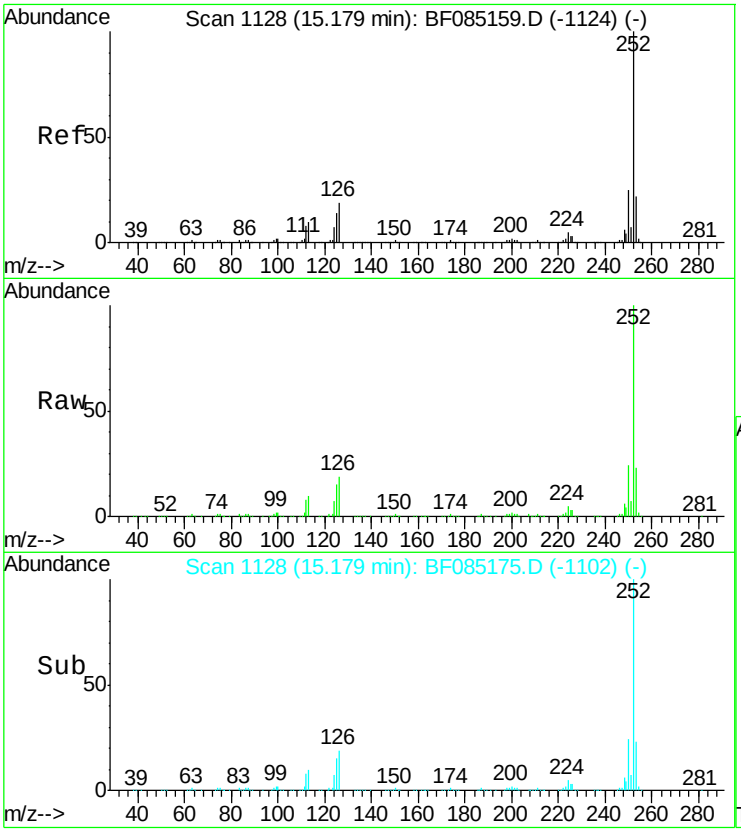


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:264 Resp: 387200

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.3	25.9





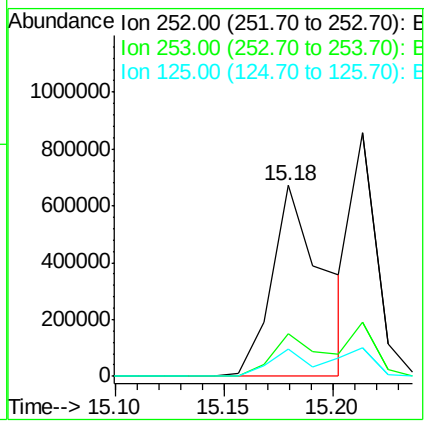
#87
Benzo(b)fluoranthene
Concen: 43.01 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

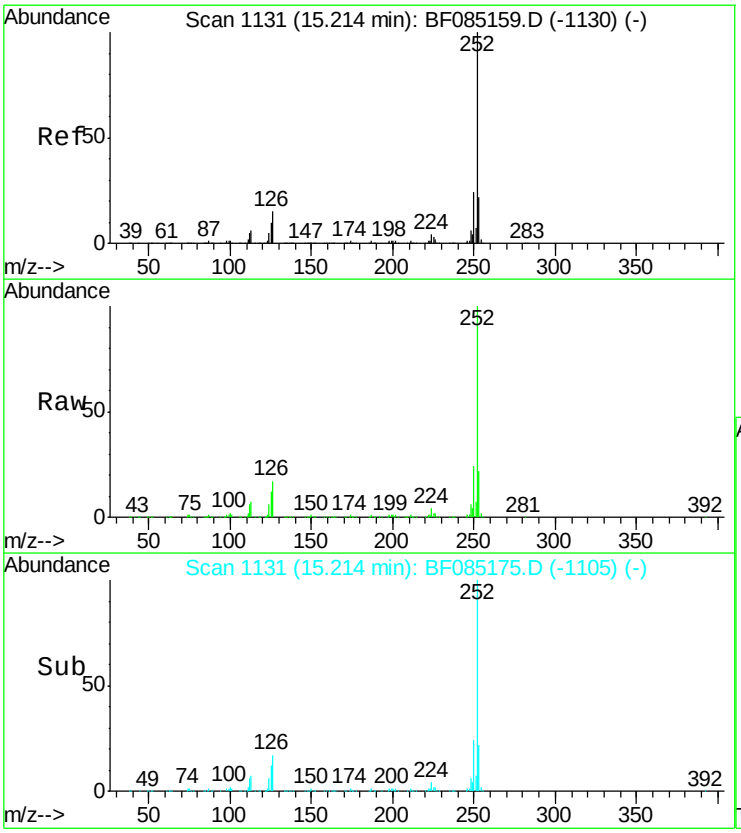
Tgt Ion:252 Resp: 1109916

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	14.6	11.3	16.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

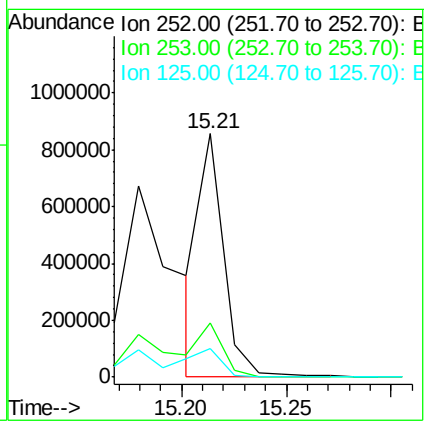


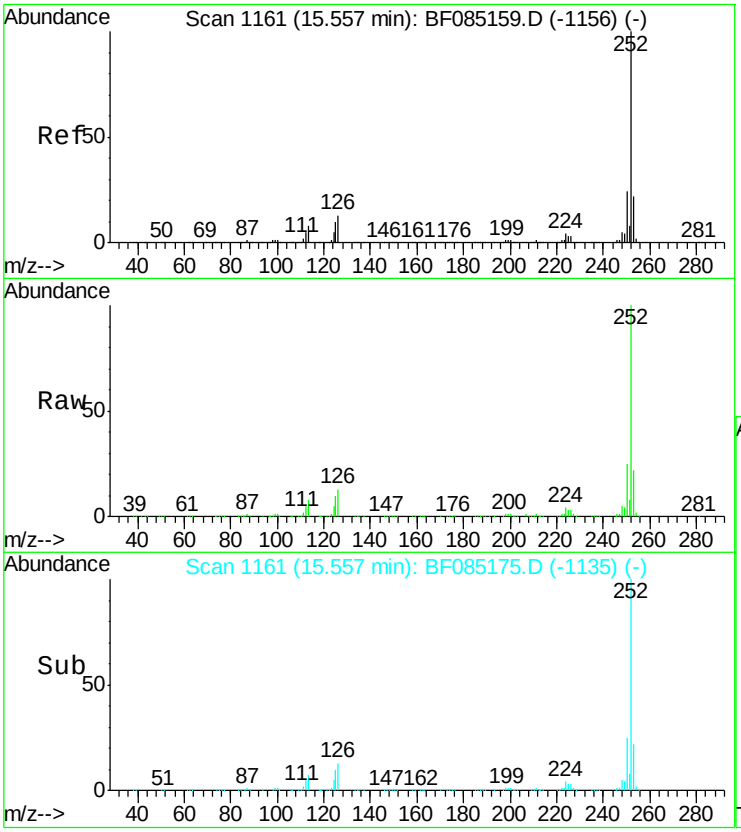


#88
Benzo(k)fluoranthene
Concen: 33.08 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:252 Resp: 688679

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.6	10.4	15.6

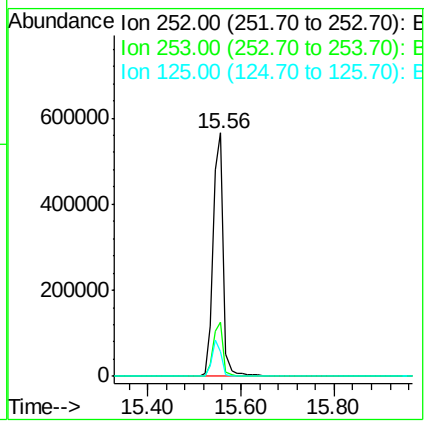




#89
Benzo(a)pyrene
Concen: 40.29 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

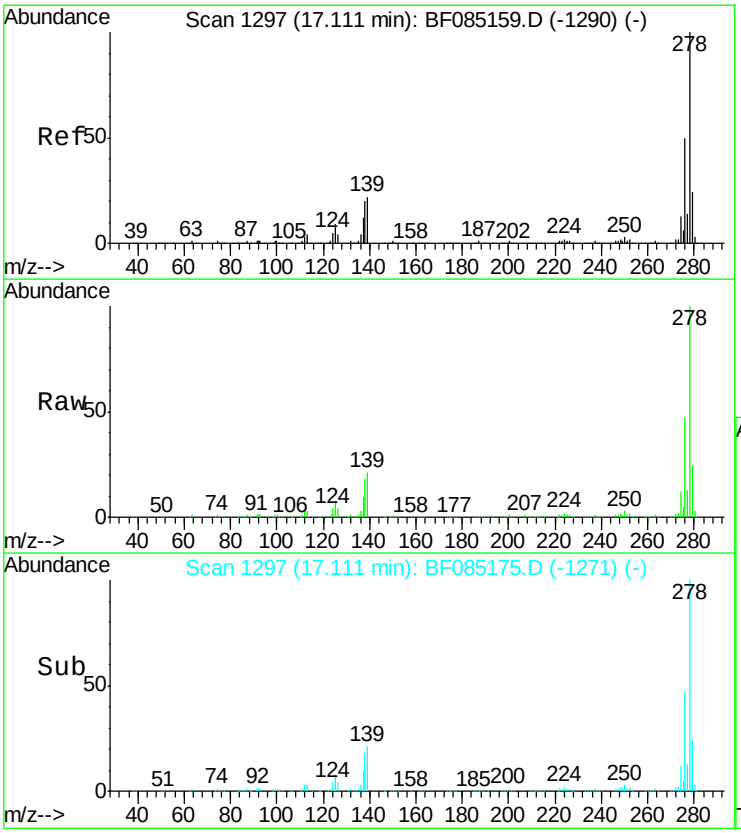
Tgt Ion:252 Resp: 861729

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.2	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

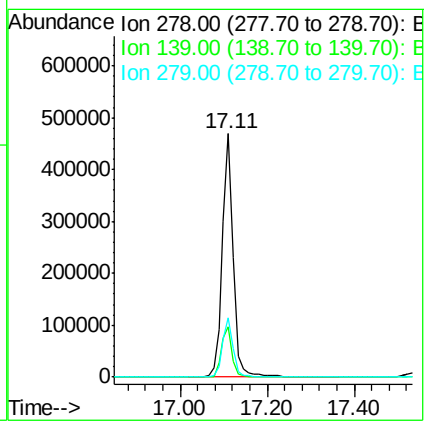
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM

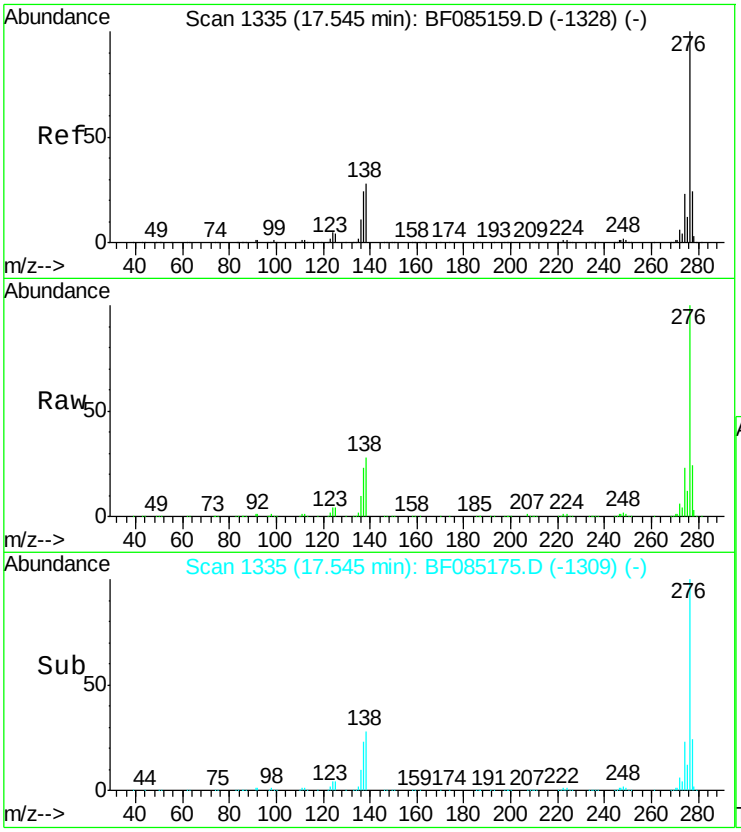


#90
Dibenzo(a,h)anthracene
Concen: 45.72 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:278 Resp: 834656

Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.3	25.9
279	24.3	19.2	28.8

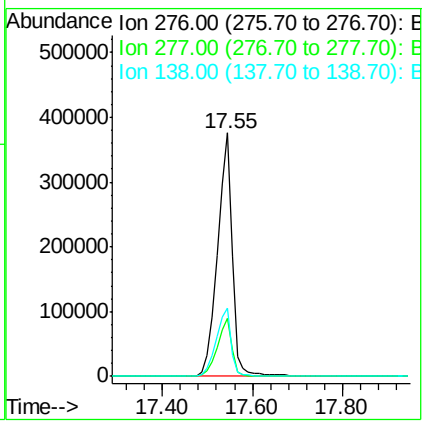




#91
Benzo(g,h,i)perylene
Concen: 46.53 ng
RT: 17.55 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF085175.D
Acq: 4 Mar 2016 00:02

Tgt Ion:276 Resp: 854078

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	27.9	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:49 PM