Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094830.D
Acq On : 3 May 2017 12:04
Operator : SJ/MA
Sample : I2921-07 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 03 14:56:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	70530	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	248395	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	107127	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	167392	20.00	ng	0.00
75) Chrysene-d12	18.64	240	159673	20.00	ng	-0.01
86) Perylene-d12	20.31	264	128215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	101304	23.95	ng	0.00
7) Phenol-d6	7.27	99	143148	28.20	ng	-0.01
23) Nitrobenzene-d5	8.62	82	82105	20.84	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	21073	24.02	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	153661	20.65	ng	-0.01
78) Terphenyl-d14	17.30	244	101252	13.97	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	273	0.132	ng	# 1
10) Phenol	7.30	94	1403	0.262	ng	# 1
15) Benzyl Alcohol	7.96	79	1192	0.365	ng	# 59
20) 3+4-Methylphenols	8.57	107	135	0.025	ng	# 39
22) Acetophenone	8.20	105	274	0.046	ng	# 46
24) Nitrobenzene	8.62	77	119	0.029	ng	# 39
25) Isophorone	8.83	82	219	0.031	ng	# 67
27) 2,4-Dimethylphenol	9.57	122	272	0.076	ng	# 48
31) Naphthalene	9.78	128	16357	1.310	ng	97
33) 4-Chloroaniline	9.78	127	2212	0.475	ng	# 46
37) 2-Methylnaphthalene	10.91	142	7879	0.962	ng	98
45) 1,1'-Biphenyl	11.68	154	1554	0.172	ng	88
48) Acenaphthylene	12.35	152	40245	3.528	ng	96
49) Dimethylphthalate	12.21	163	19955	2.269	ng	99
51) Acenaphthene	11.68	154	1554	0.172	ng	# 42
54) Dibenzofuran	12.93	168	7053	0.748	ng	100
57) Fluorene	13.48	166	5609	0.684	ng	# 93
59) Diethylphthalate	13.36	149	621	0.074	ng	# 60
62) Azobenzene	13.77	77	120	0.018	ng	# 50
65) n-Nitrosodiphenylamine	13.70	169	506	0.083	ng	# 24
70) Phenanthrene	15.01	178	50320	5.232	ng	98
71) Anthracene	15.10	178	39042	3.974	ng	95
72) Carbazole	15.38	167	12922	1.446	ng	95
73) Di-n-butylphthalate	15.95	149	3326	0.298	ng	# 74
74) Fluoranthene	16.75	202	238673	24.192	ng	99
77) Pyrene	17.05	202	217356	18.201	ng	96
79) Butylbenzylphthalate	17.96	149	2573	0.463	ng	# 87
80) Benzo(a)anthracene	18.63	228	101574m	10.930	ng	
81) 3,3'-Dichlorobenzidine	18.71	252	1099	0.342	ng	# 1
82) Chrysene	18.67	228	115951	12.904	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	18211	2.301	ng	95
84) Di-n-octyl phthalate	19.48	149	1081	0.083	ng	# 69
85) Indeno(1,2,3-cd)pyrene	21.60	276	46260	6.340	ng	92
87) Benzo(b)fluoranthene	19.90	252	136438m	17.221	ng	

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094830.D
Acq On : 3 May 2017 12:04
Operator : SJ/MA
Sample : I2921-07 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

Quant Time: May 03 14:56:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	19.93	252	53065m	6.944	ng	
89) Benzo(a)pyrene	20.25	252	68908m	9.426	ng	
90) Dibenzo(a,h)anthracene	21.80	278	8865	1.468	ng	99
91) Benzo(g,h,i)perylene	21.98	276	43935	7.415	ng	97

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

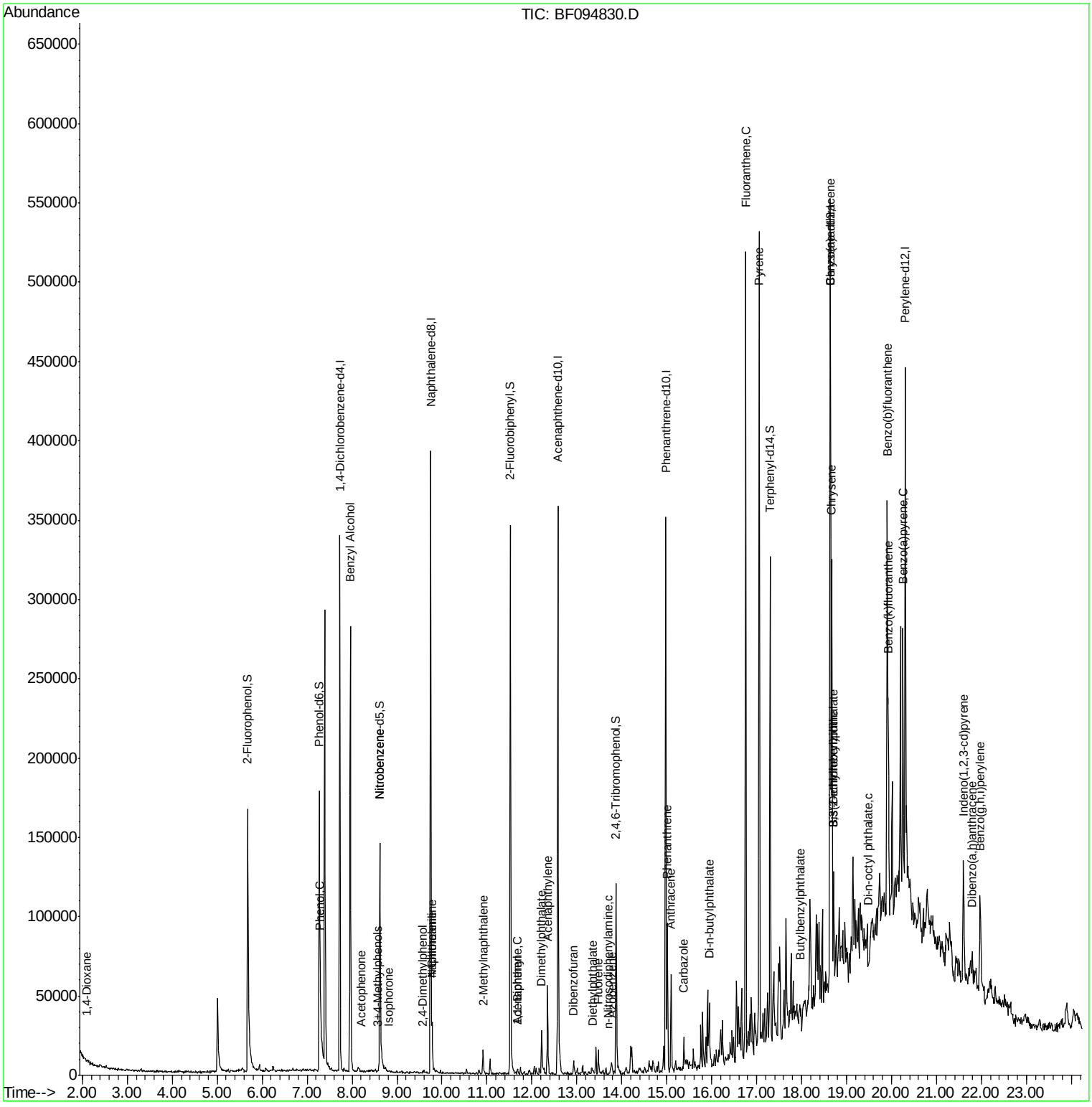
Quantitation Report (QT Reviewed)

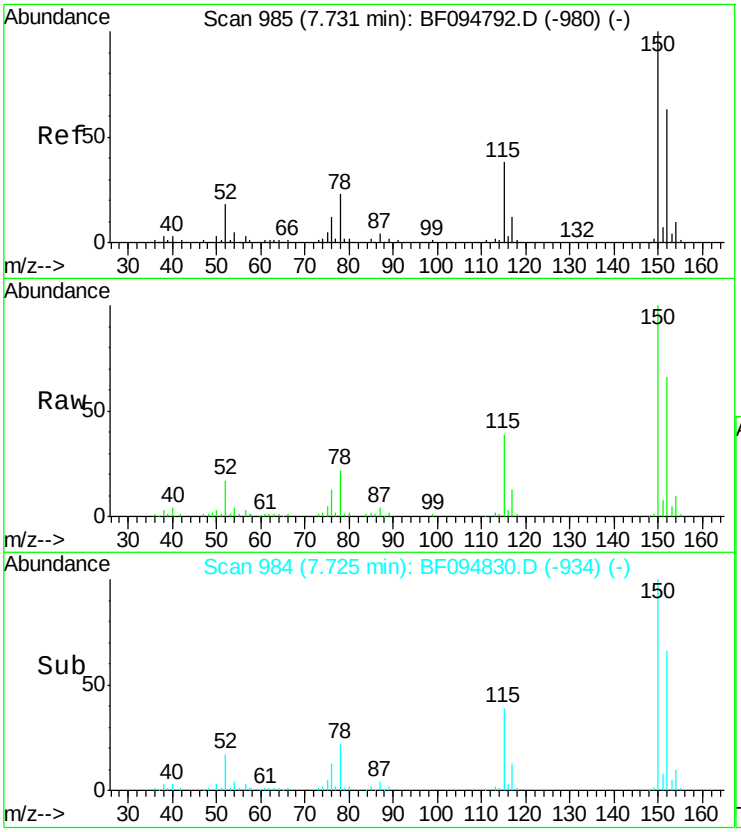
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094830.D
Acq On : 3 May 2017 12:04
Operator : SJ/MA
Sample : I2921-07 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 03 14:56:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

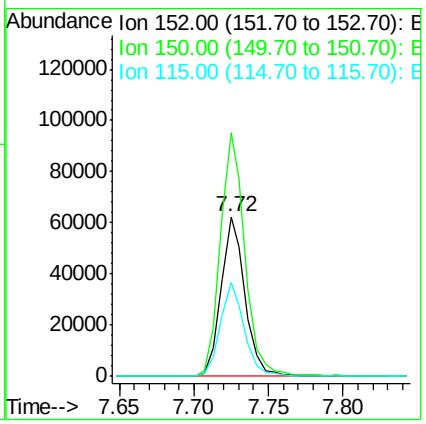




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

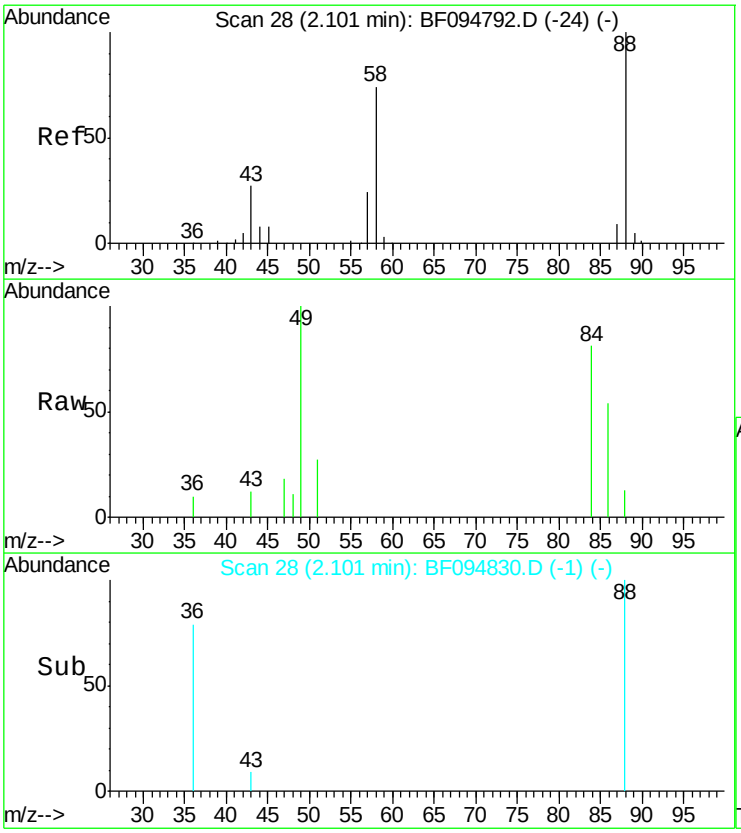
Tgt Ion:152 Resp: 70530

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.2
115	59.1	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

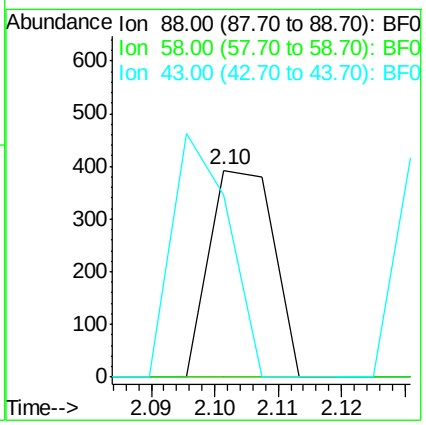
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

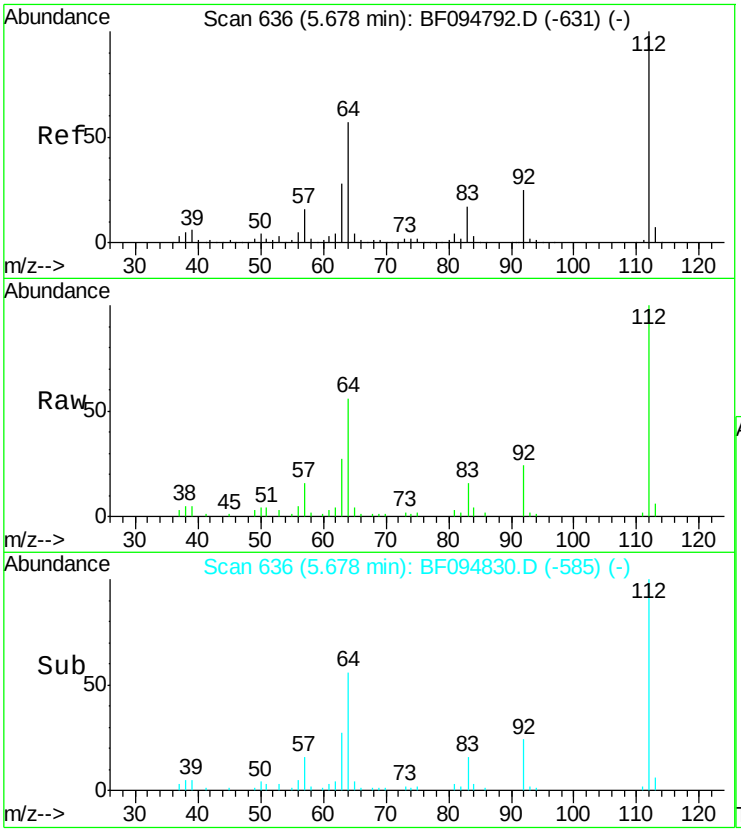


#2
1,4-Dioxane
Concen: 0.132 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	104.4	23.4	35.0#

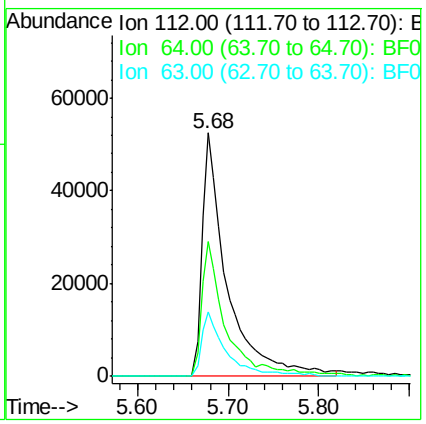




#5
2-Fluorophenol
Concen: 23.947 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

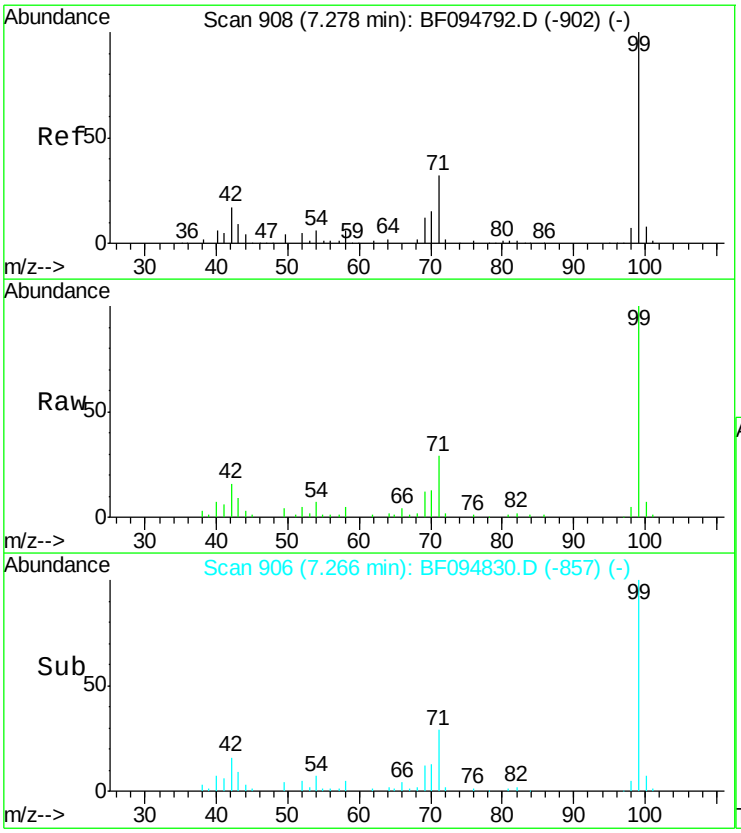
Tgt Ion:112 Resp: 101304

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	26.6	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

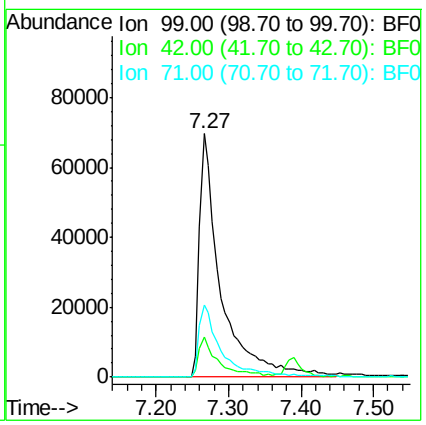
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

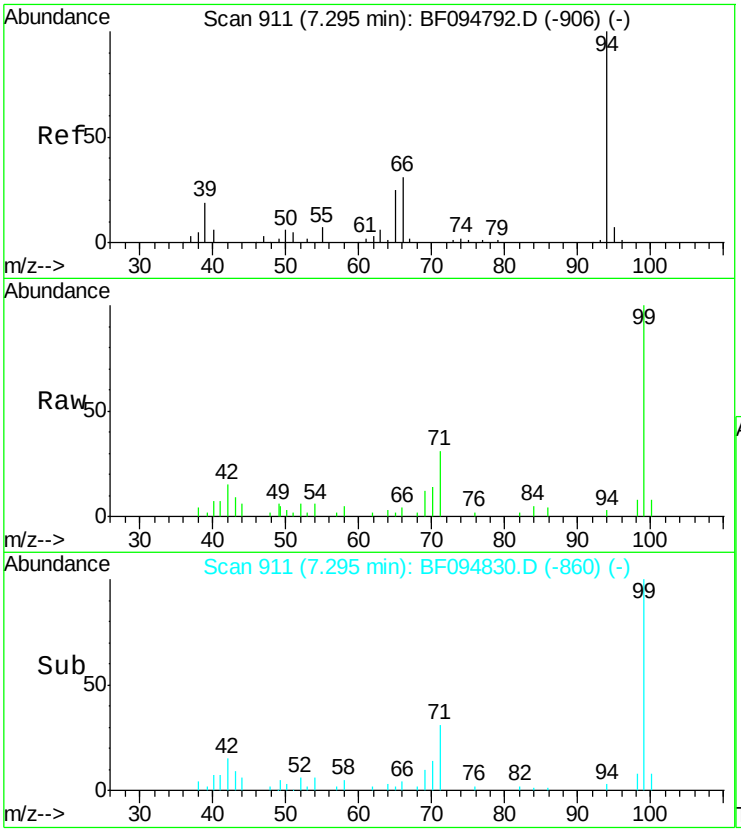


#7
Phenol-d6
Concen: 28.202 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion: 99 Resp: 143148

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	29.5	24.5	36.7





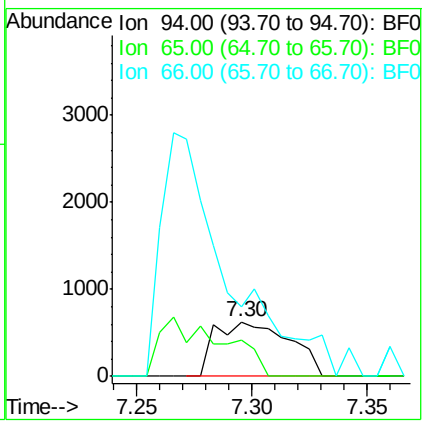
#10
Phenol
Concen: 0.262 ng
RT: 7.30 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

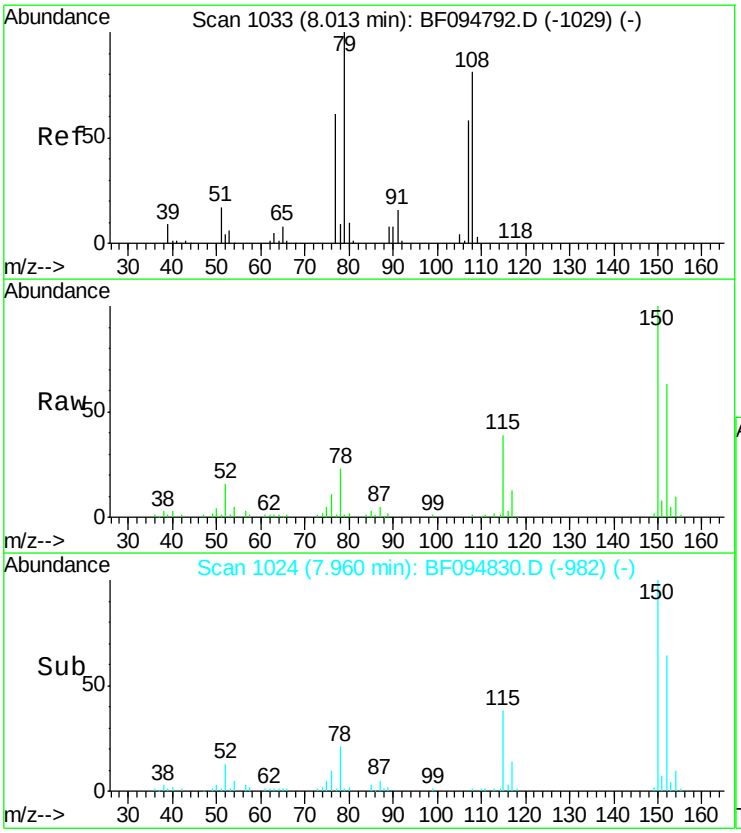
Tgt Ion: 94 Resp: 1403

Ion	Ratio	Lower	Upper
94	100		
65	65.4	9.9	49.9#
66	127.1	23.1	63.1#

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

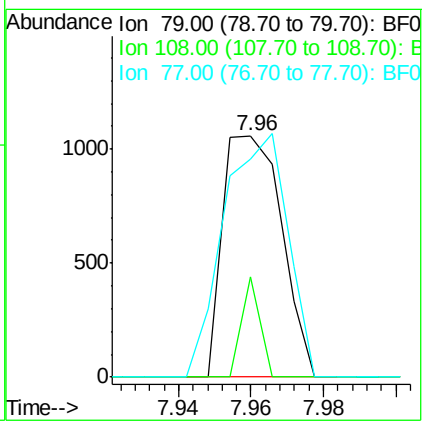


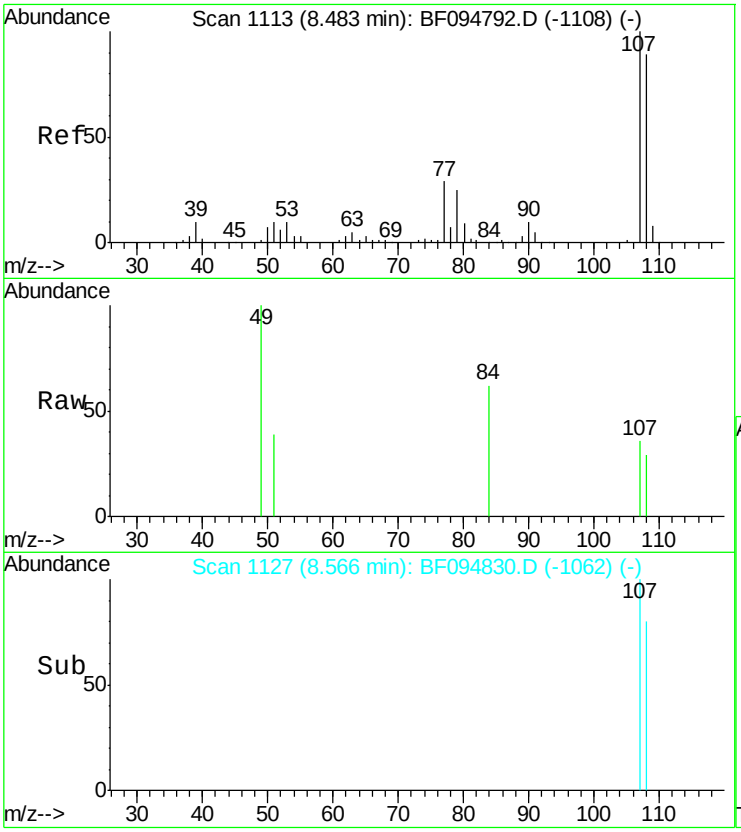


#15
Benzyl Alcohol
Concen: 0.365 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion: 79 Resp: 1192

Ion	Ratio	Lower	Upper
79	100		
108	41.7	63.4	95.0#
77	90.4	49.2	73.8#

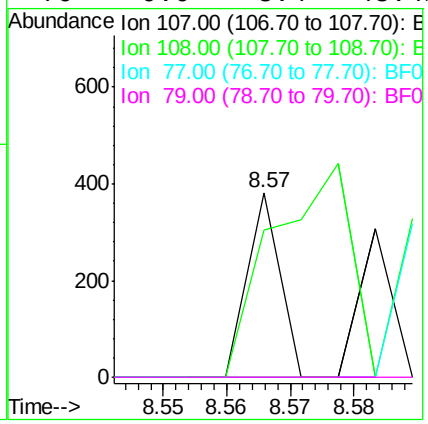




#20
3+4-Methylphenols
Concen: 0.025 ng
RT: 8.57 min Scan# 1127
Delta R.T. 0.08 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

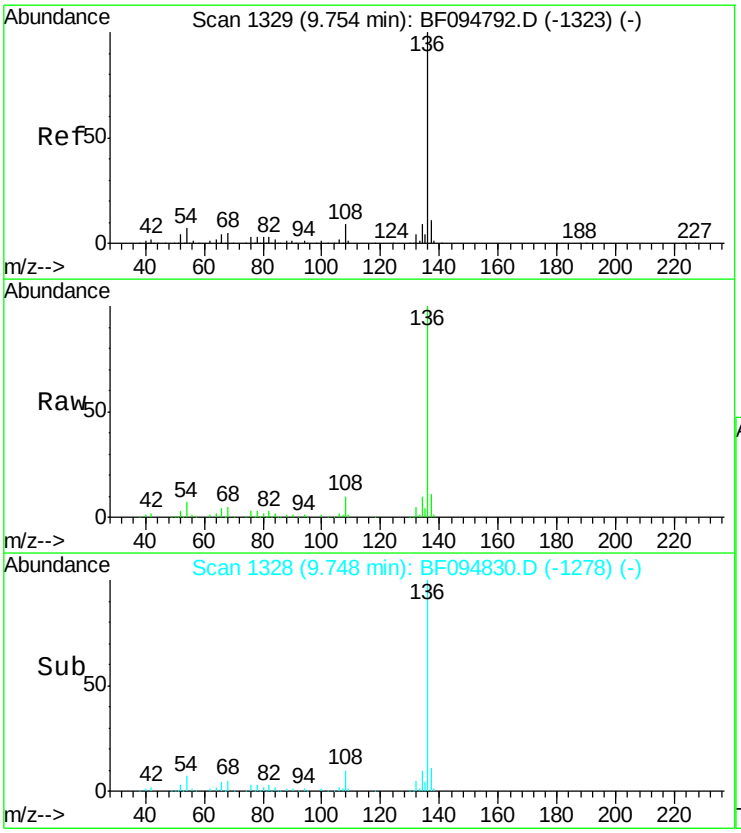
Tgt Ion:107 Resp: 135

Ion	Ratio	Lower	Upper
107	100		
108	79.8	71.0	111.0
77	0.0	90.5	130.5#
79	0.0	8.4	48.4#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

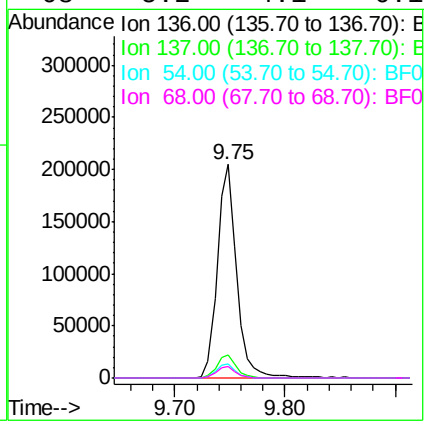
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

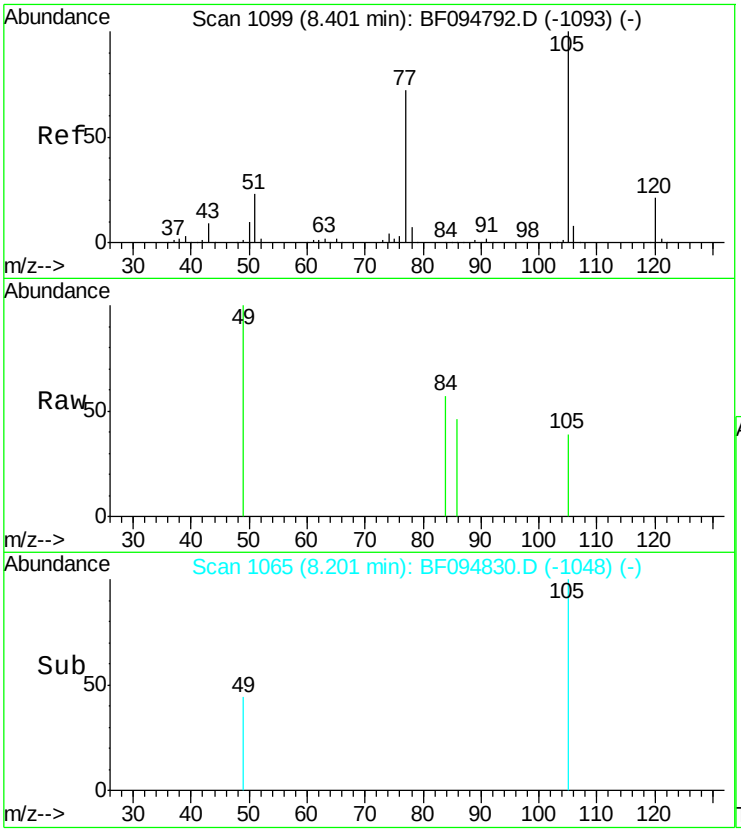


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:136 Resp: 248395

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.2	4.1	6.1

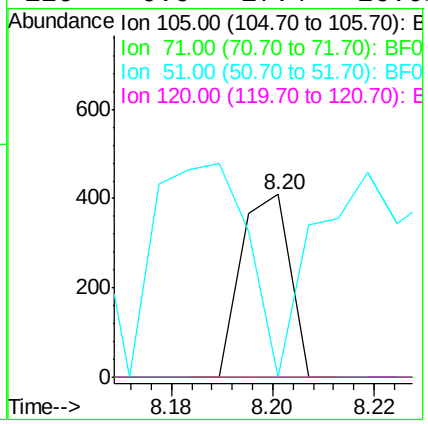




#22
Acetophenone
Concen: 0.046 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.20 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

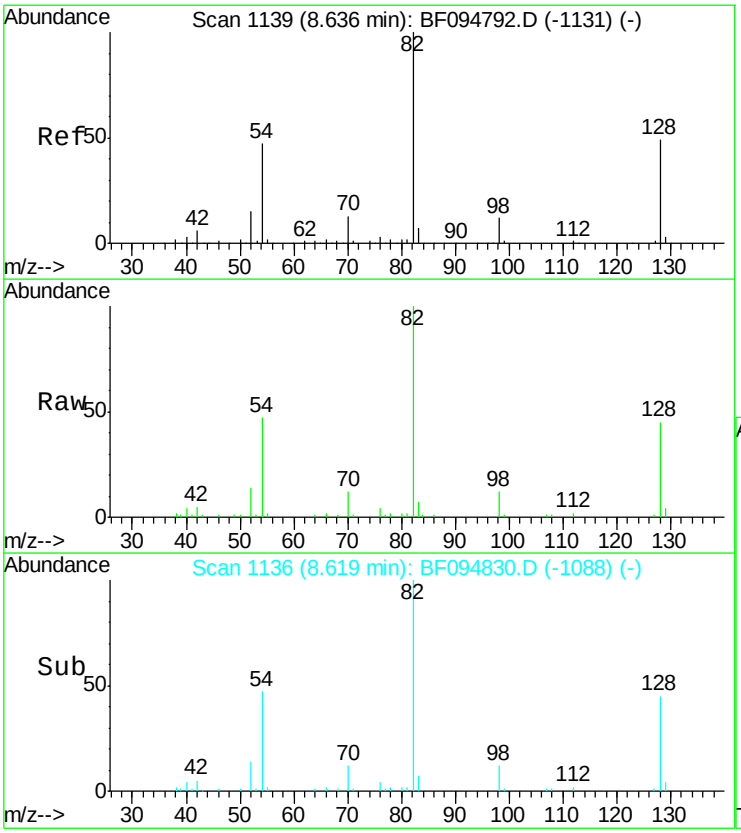
Tgt Ion:105 Resp: 274

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

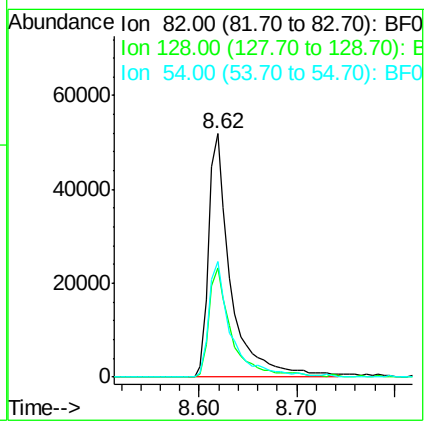
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

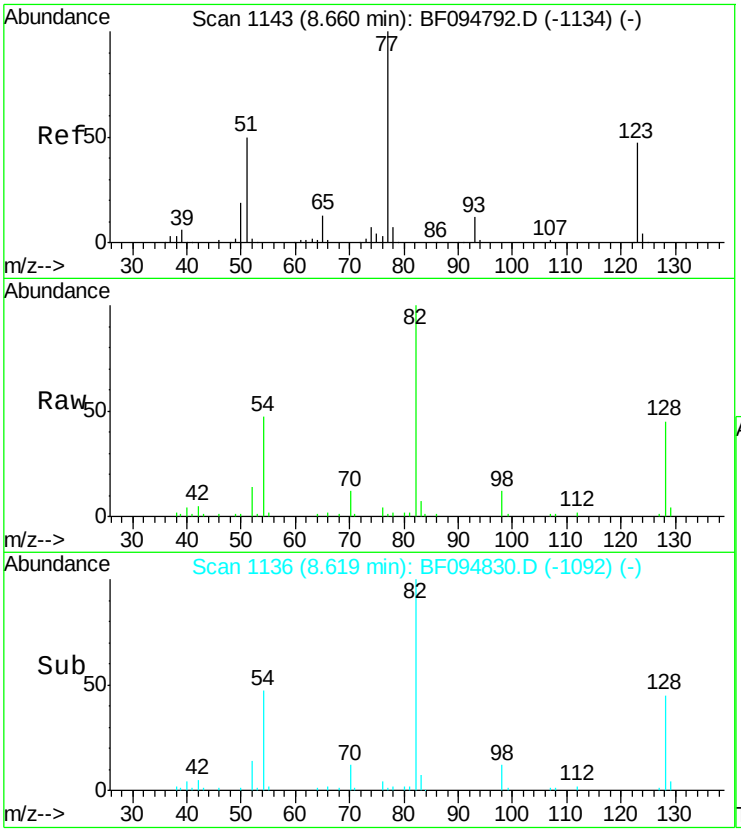


#23
Nitrobenzene-d5
Concen: 20.843 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion: 82 Resp: 82105

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	47.4	42.2	63.2

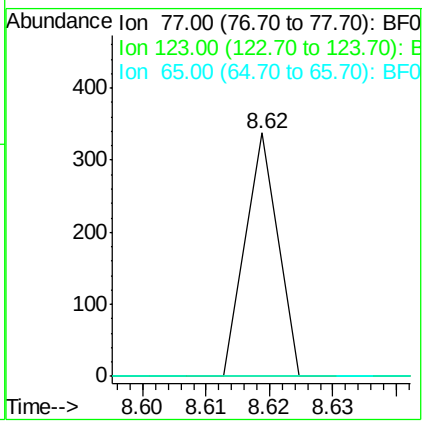




#24
Nitrobenzene
Concen: 0.029 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.04 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

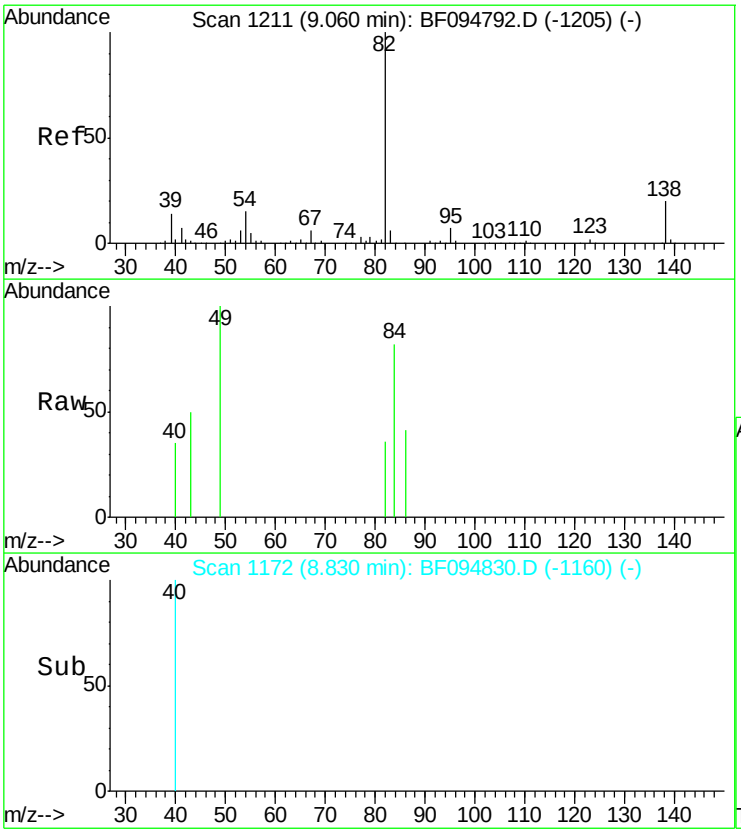
Tgt Ion: 77 Resp: 119

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

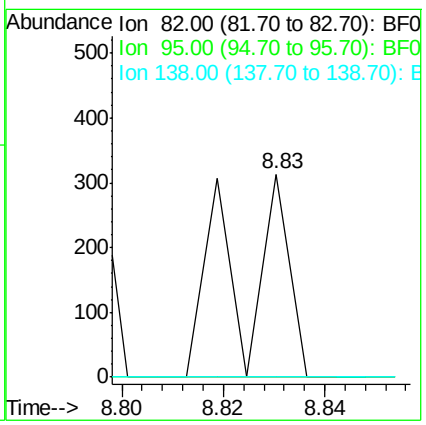
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

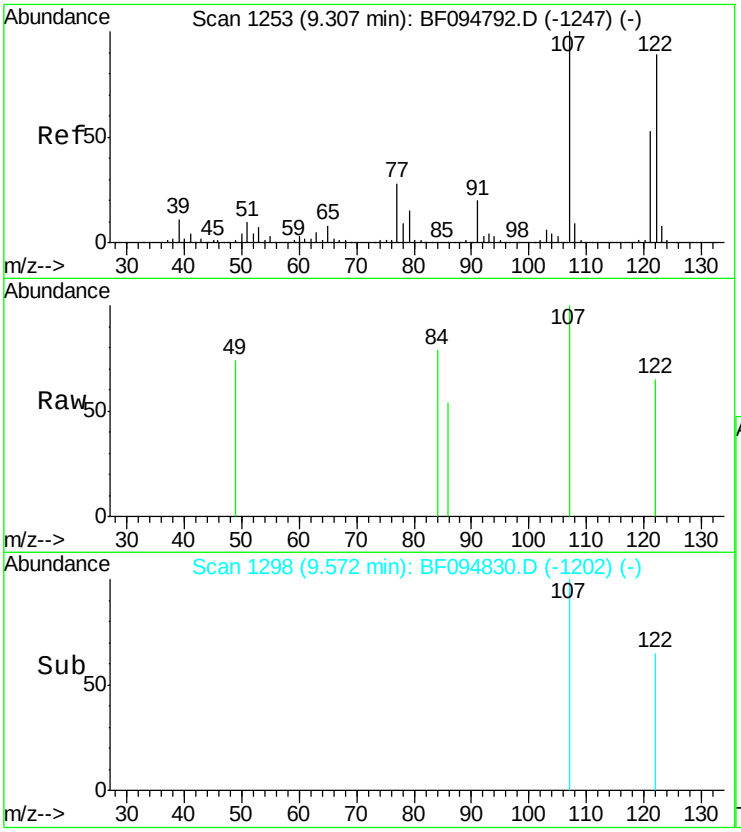


#25
Isophorone
Concen: 0.031 ng
RT: 8.83 min Scan# 1172
Delta R.T. -0.23 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion: 82 Resp: 219

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

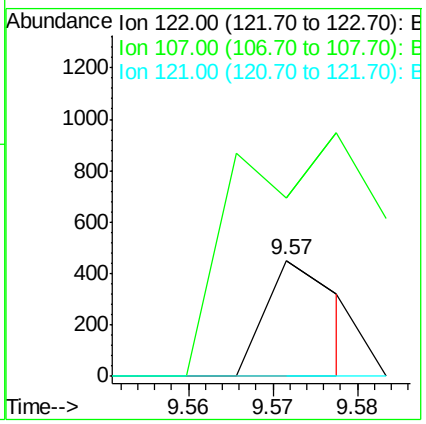




#27
2,4-Dimethylphenol
Concen: 0.076 ng
RT: 9.57 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

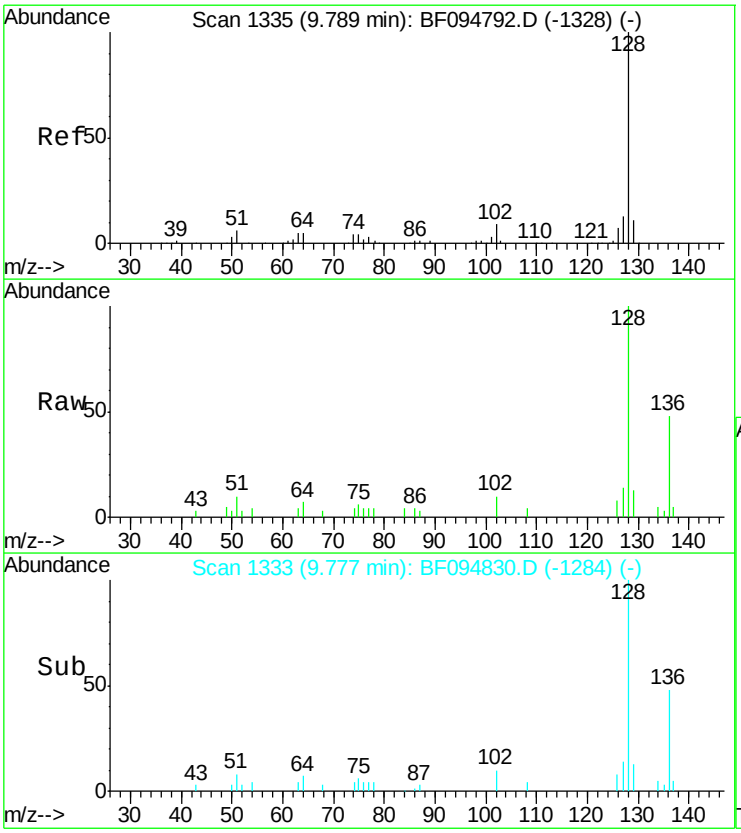
Tgt Ion:122 Resp: 272

Ion	Ratio	Lower	Upper
122	100		
107	153.1	89.2	133.8#
121	0.0	45.2	67.8#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

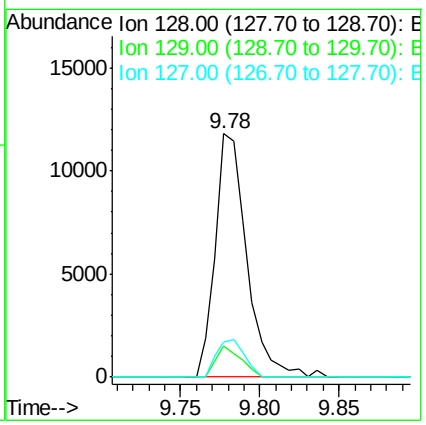
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

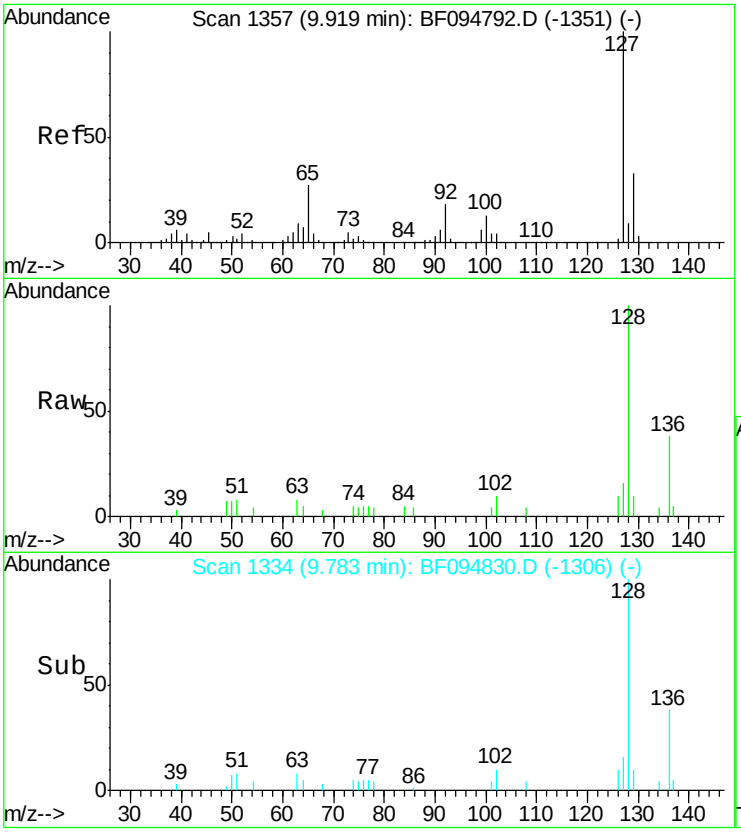


#31
Naphthalene
Concen: 1.310 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:128 Resp: 16357

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	14.5	10.8	16.2

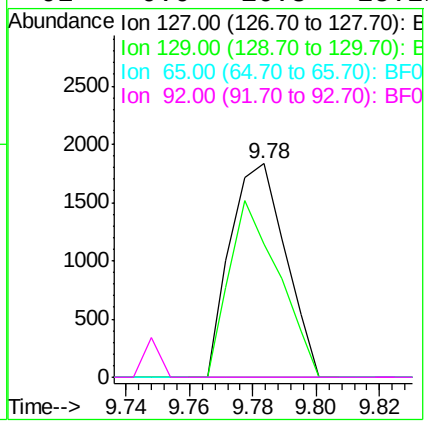




#33
4-Chloroaniline
Concen: 0.475 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.14 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

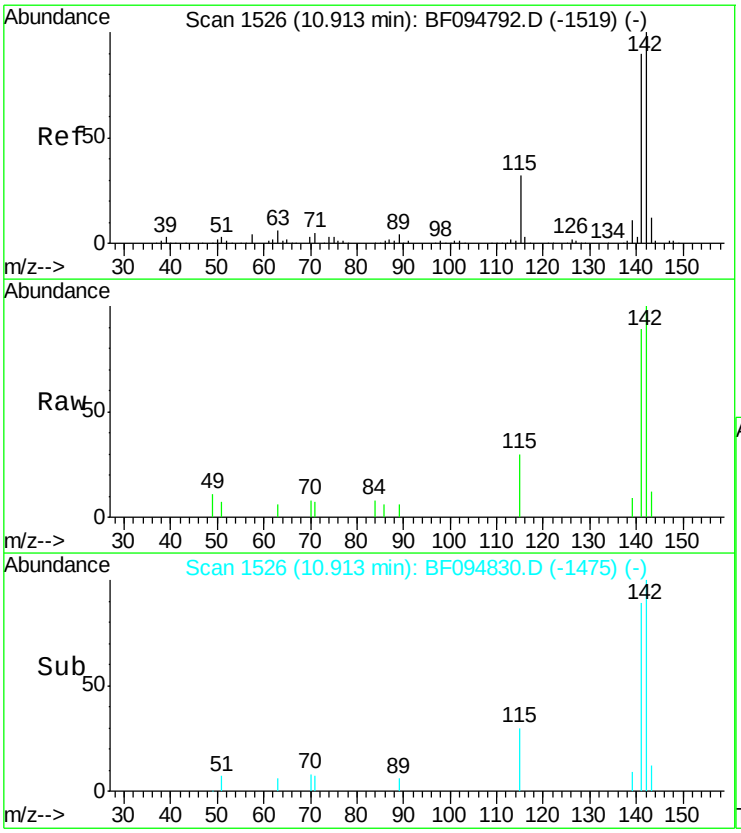
Tgt Ion:127 Resp: 2212

Ion	Ratio	Lower	Upper
127	100		
129	62.3	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

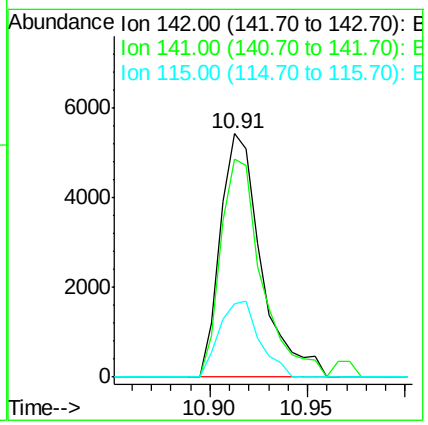
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

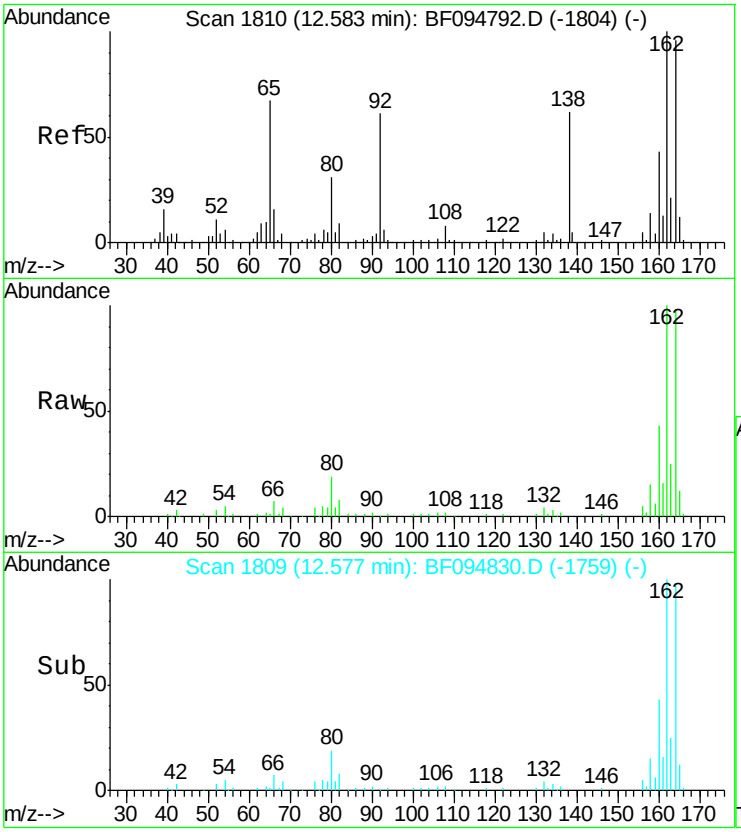


#37
2-Methylnaphthalene
Concen: 0.962 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:142 Resp: 7879

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	30.2	27.1	40.7

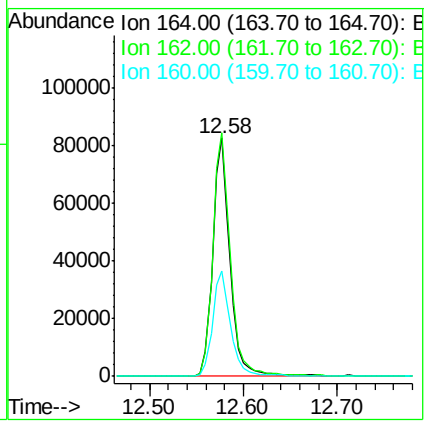




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

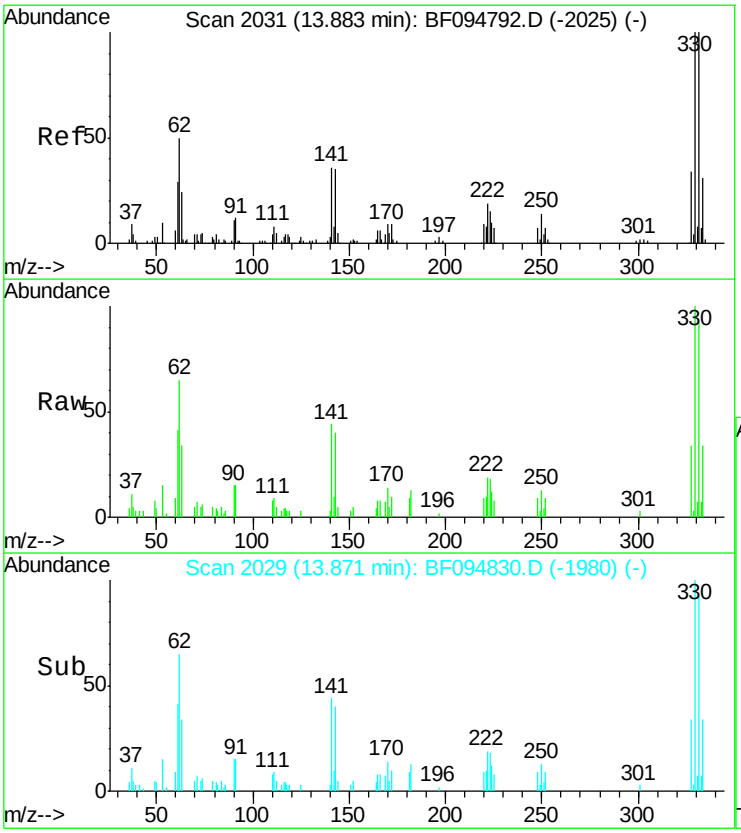
Tgt Ion:164 Resp: 107127

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	44.3	36.2	54.2



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

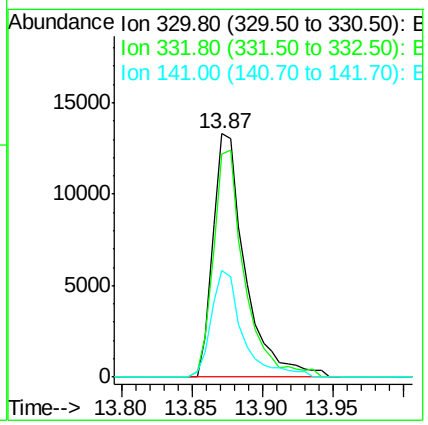
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

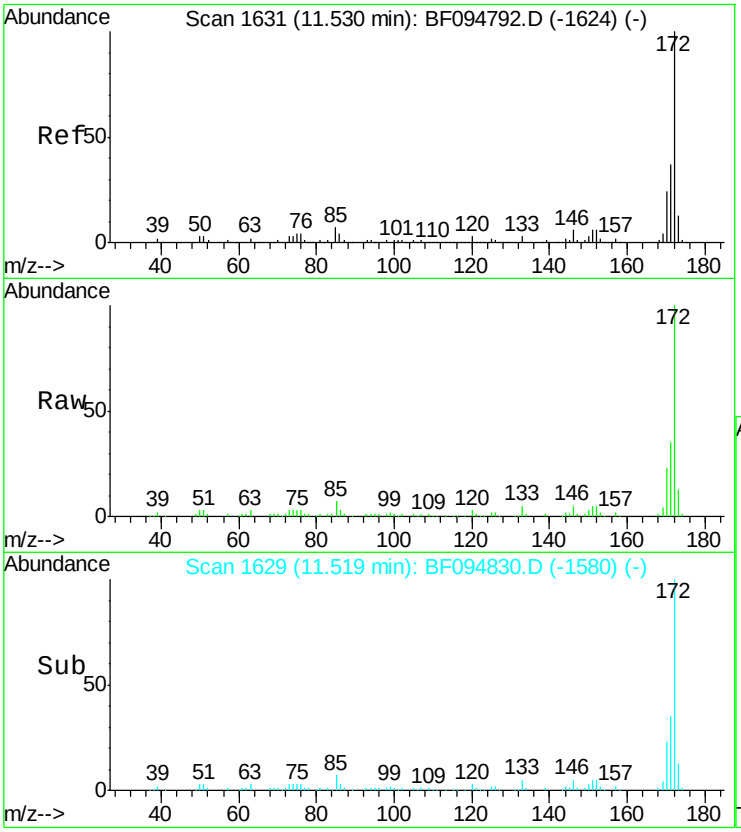


#41
2,4,6-Tribromophenol
Concen: 24.019 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:330 Resp: 21073

Ion	Ratio	Lower	Upper
330	100		
332	90.0	76.6	115.0
141	42.6	31.4	47.2

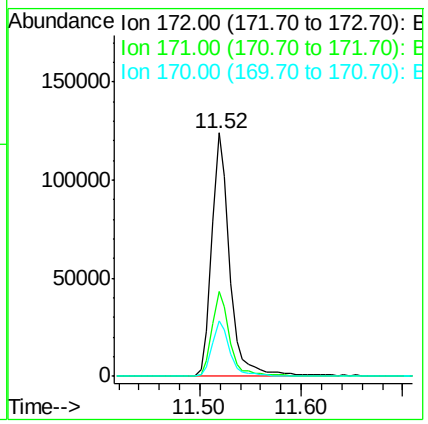




#44
2-Fluorobiphenyl
Concen: 20.646 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

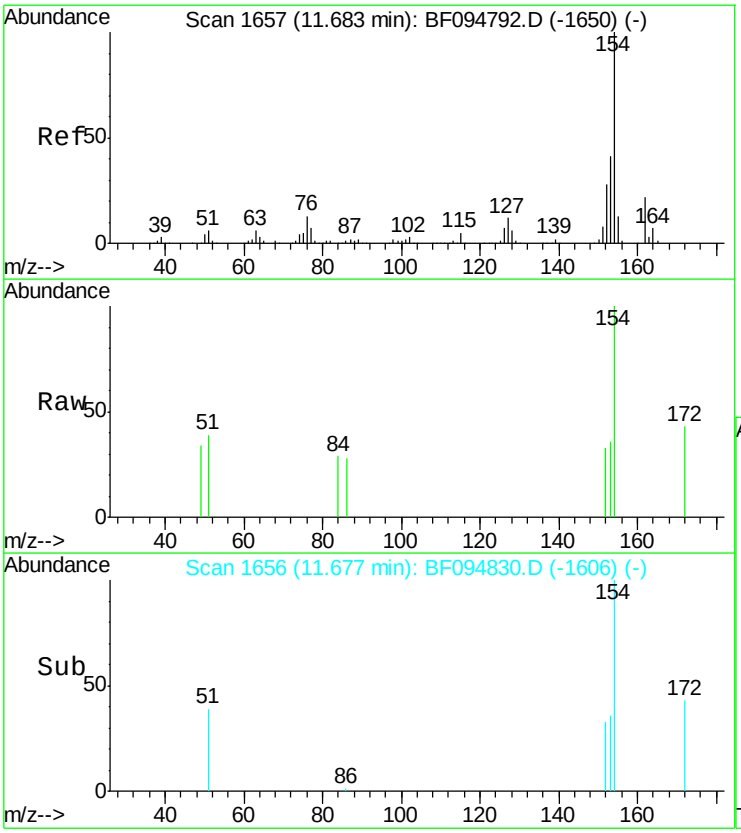
Tgt Ion:172 Resp: 153661

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.7	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

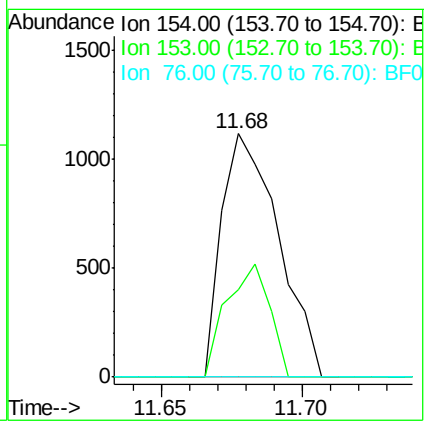
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

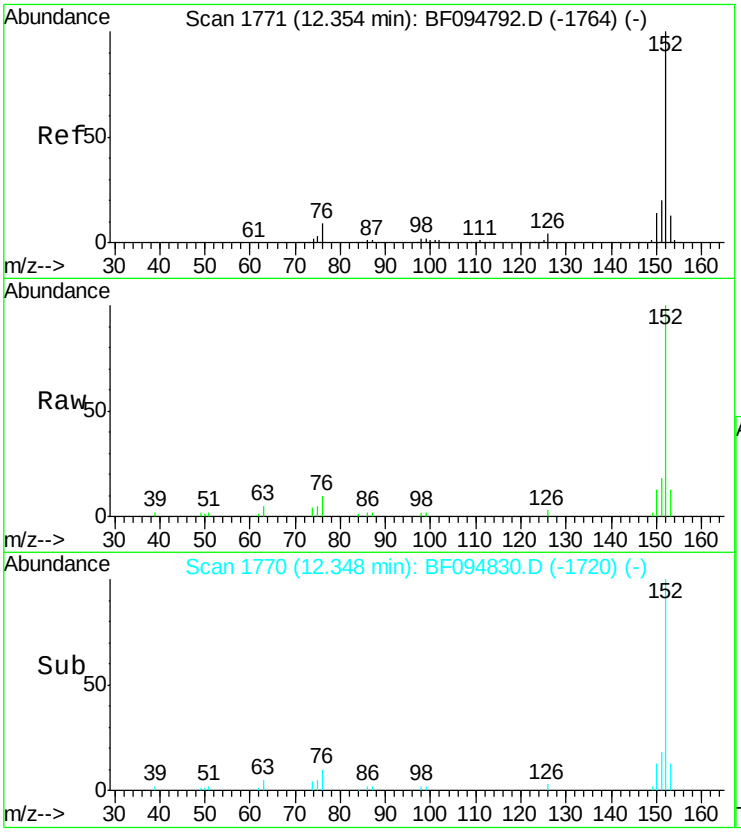


#45
1,1'-Biphenyl
Concen: 0.172 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:154 Resp: 1554

Ion	Ratio	Lower	Upper
154	100		
153	36.1	21.2	61.2
76	0.0	0.0	29.9

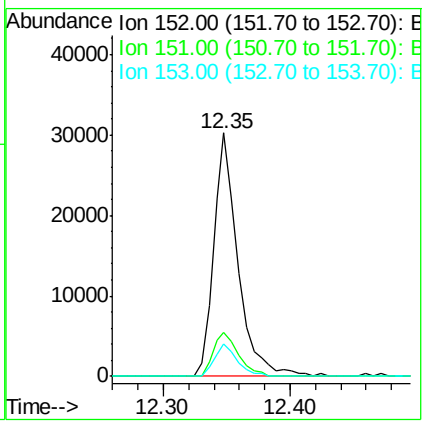




#48
Acenaphthylene
Concen: 3.528 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

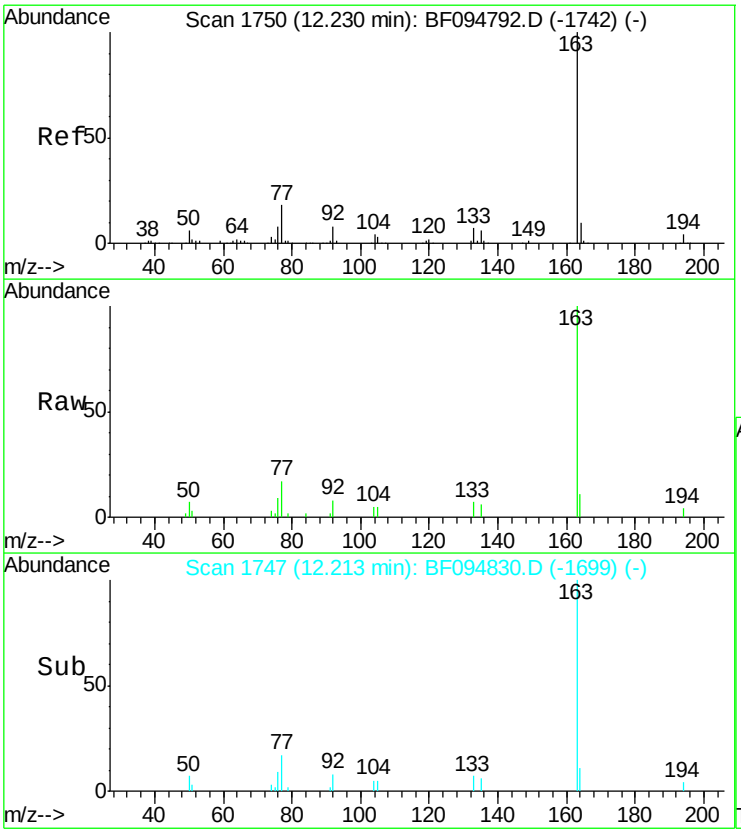
Tgt Ion:152 Resp: 40245

Ion	Ratio	Lower	Upper
152	100		
151	17.8	16.8	25.2
153	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

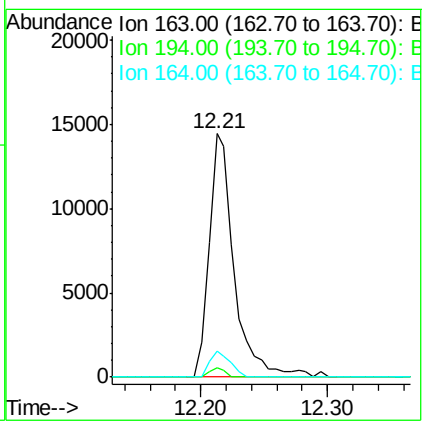
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

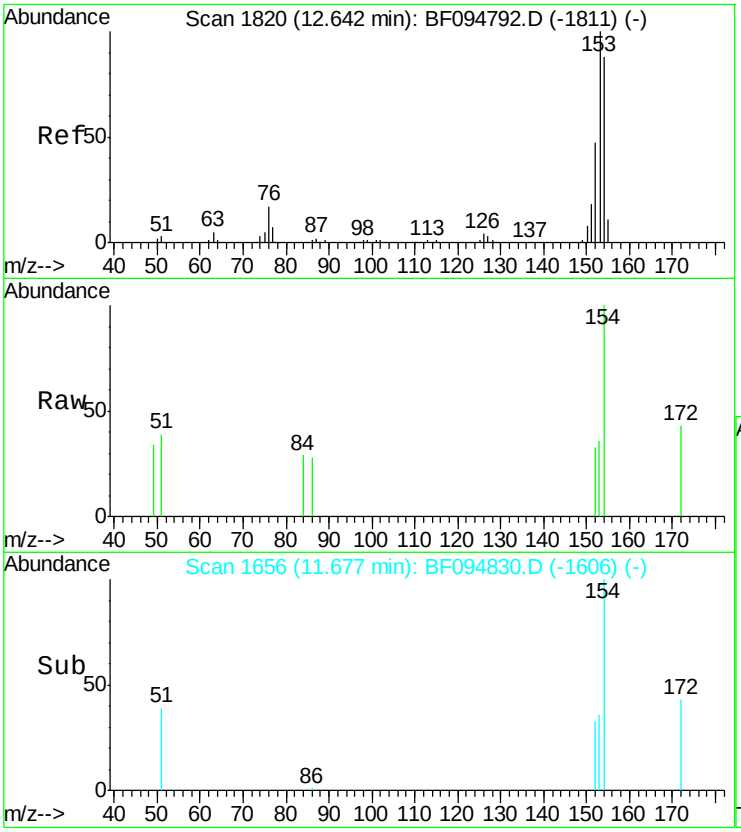


#49
Dimethylphthalate
Concen: 2.269 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:163 Resp: 19955

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.7	8.4	12.6





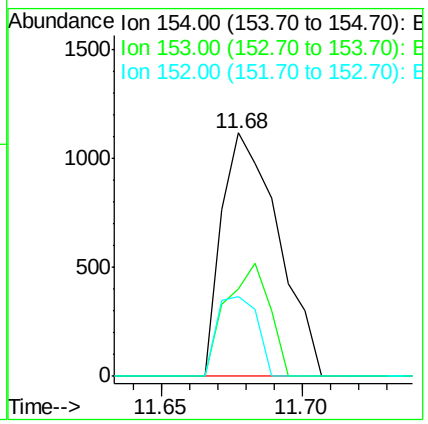
#51
Acenaphthene
Concen: 0.172 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

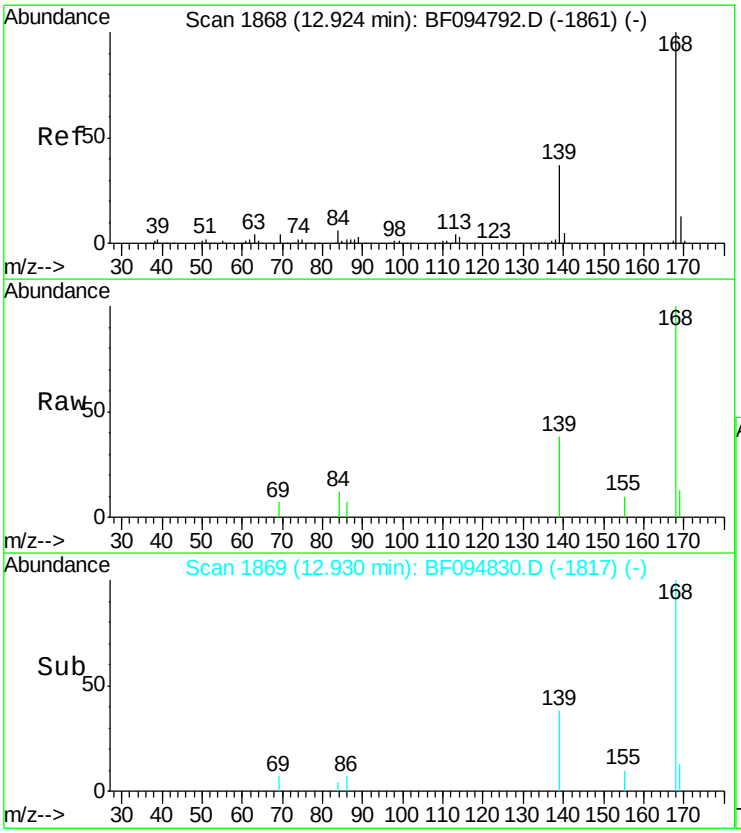
Tgt Ion:154 Resp: 1554

Ion	Ratio	Lower	Upper
154	100		
153	36.1	90.5	135.7#
152	32.6	43.6	65.4#

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

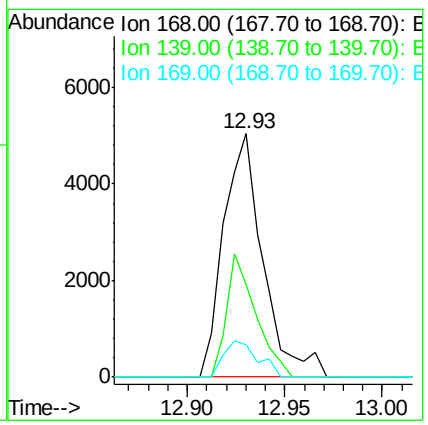


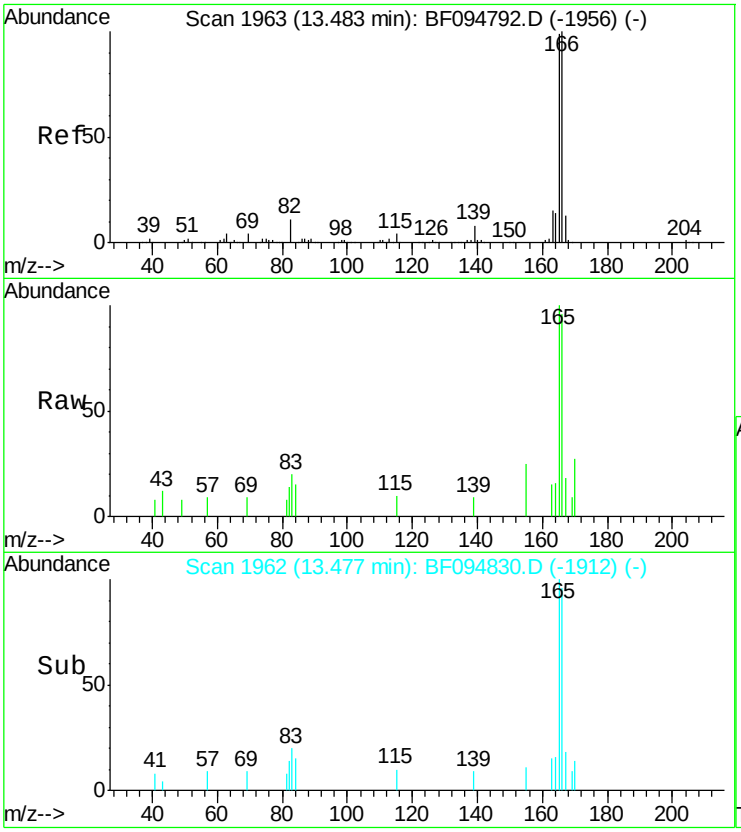


#54
Dibenzofuran
Concen: 0.748 ng
RT: 12.93 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:168 Resp: 7053

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.6	45.8
169	13.5	10.8	16.2





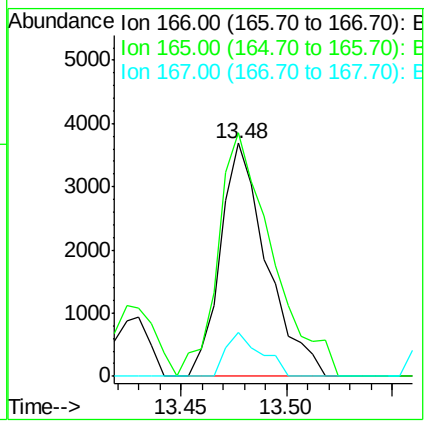
#57
Fluorene
Concen: 0.684 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

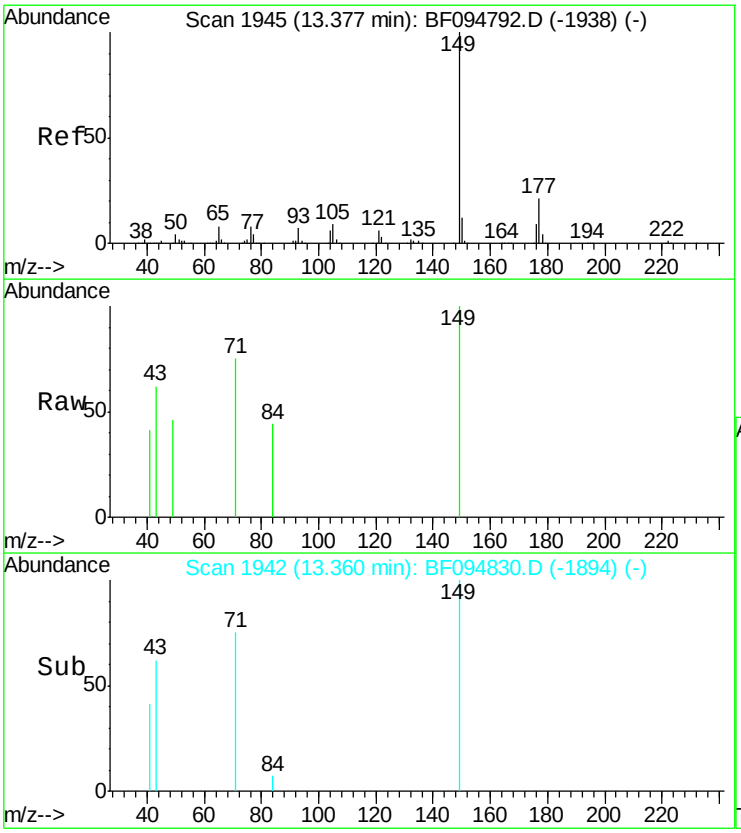
Tgt Ion:166 Resp: 5609

Ion	Ratio	Lower	Upper
166	100		
165	104.4	78.8	118.2
167	19.1	10.6	16.0#

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

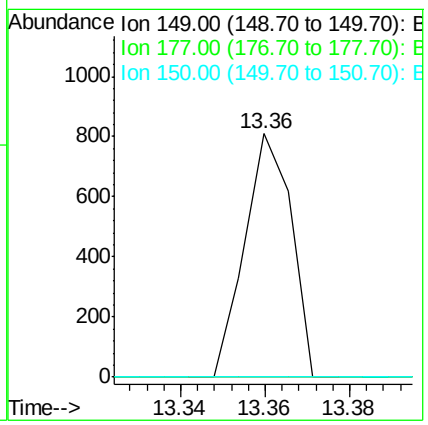


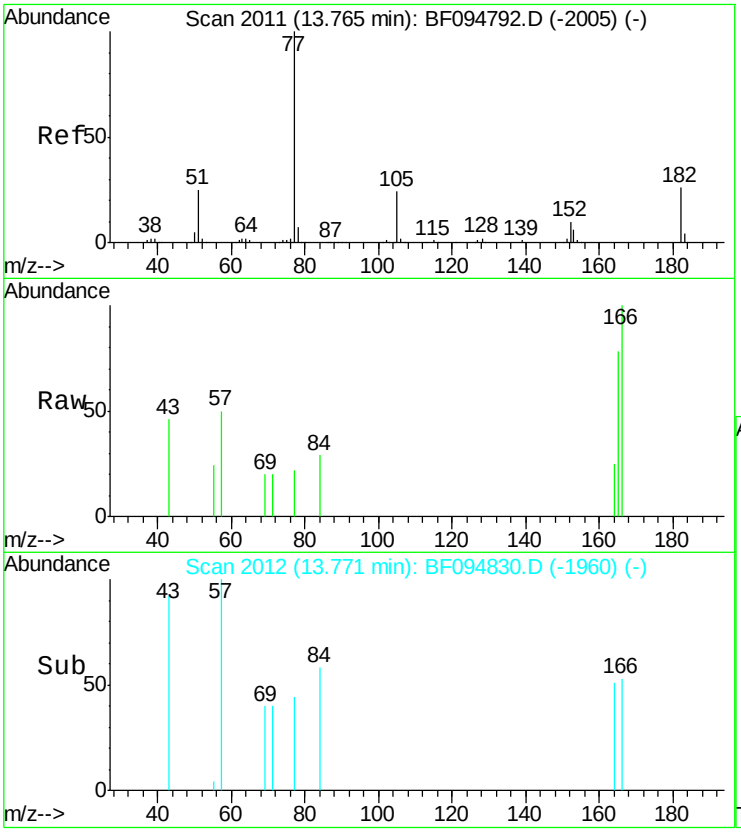


#59
Diethylphthalate
Concen: 0.074 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:149 Resp: 621

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#

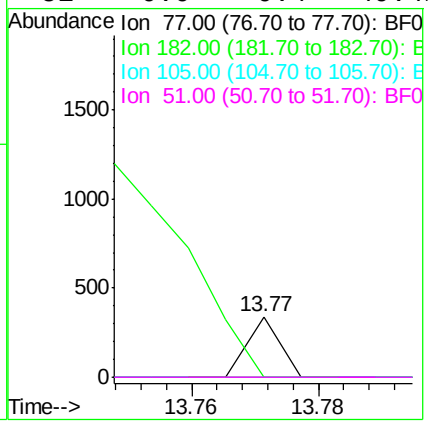




#62
Azobenzene
Concen: 0.018 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

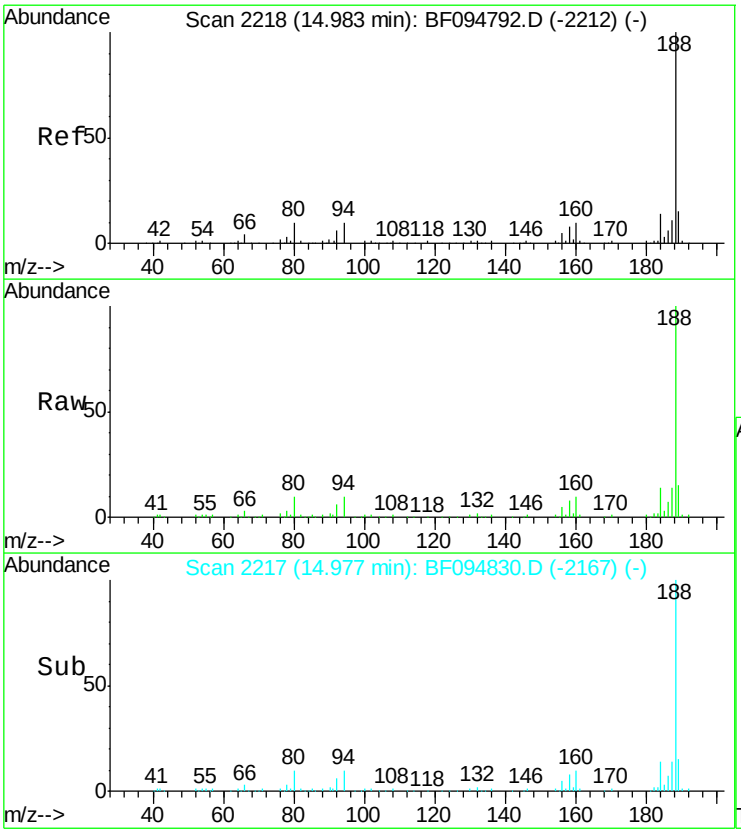
Tgt Ion: 77 Resp: 120

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

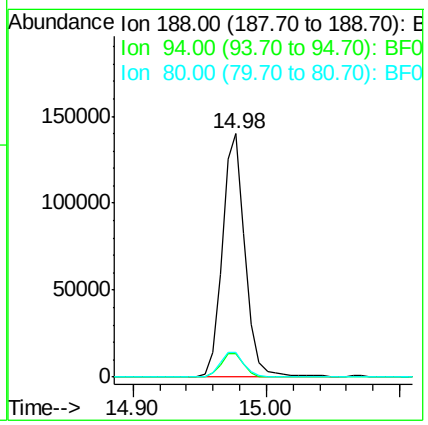
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

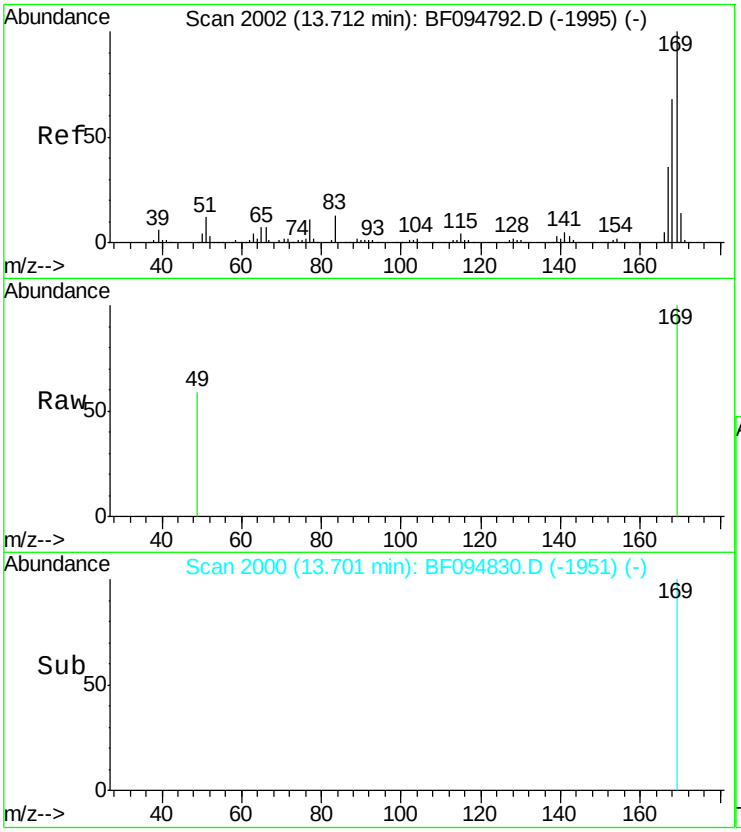


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:188 Resp: 167392

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.3	10.2	15.2

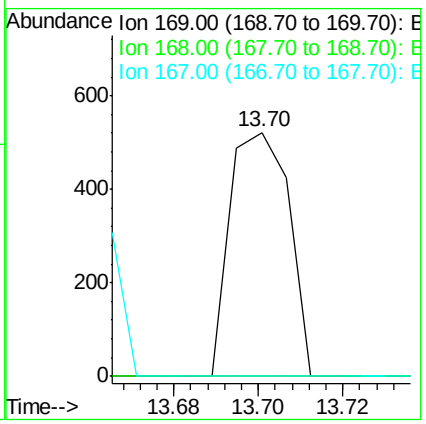




#65
n-Nitrosodiphenylamine
Concen: 0.083 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

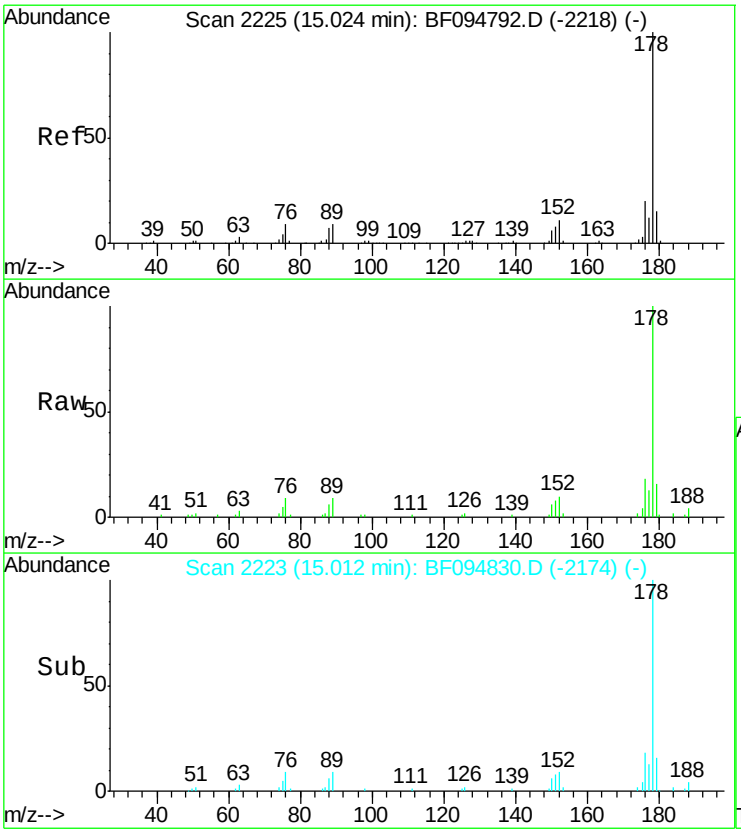
Tgt Ion:169 Resp: 506

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	0.0	29.5	44.3#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

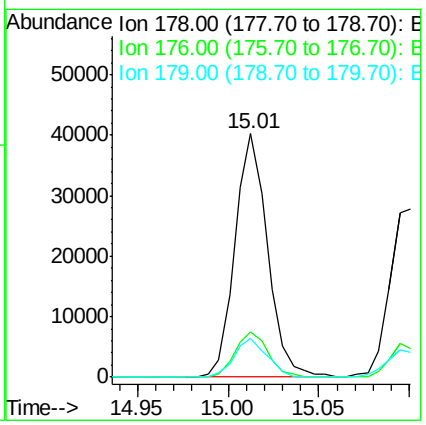
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

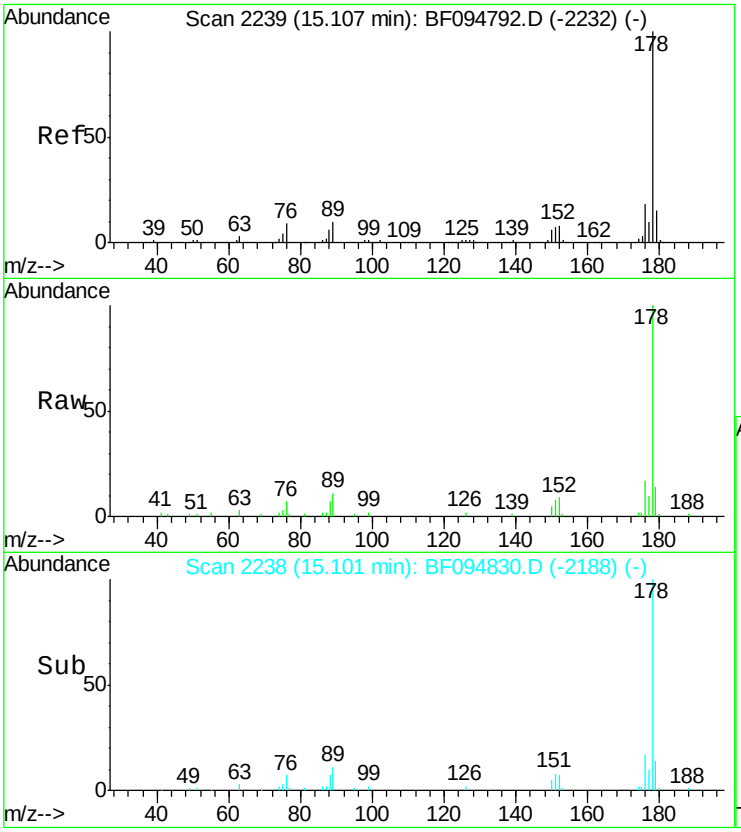


#70
Phenanthrene
Concen: 5.232 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:178 Resp: 50320

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.9	12.6	19.0

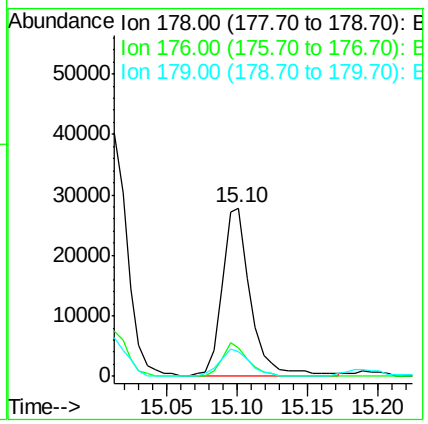




#71
Anthracene
Concen: 3.974 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

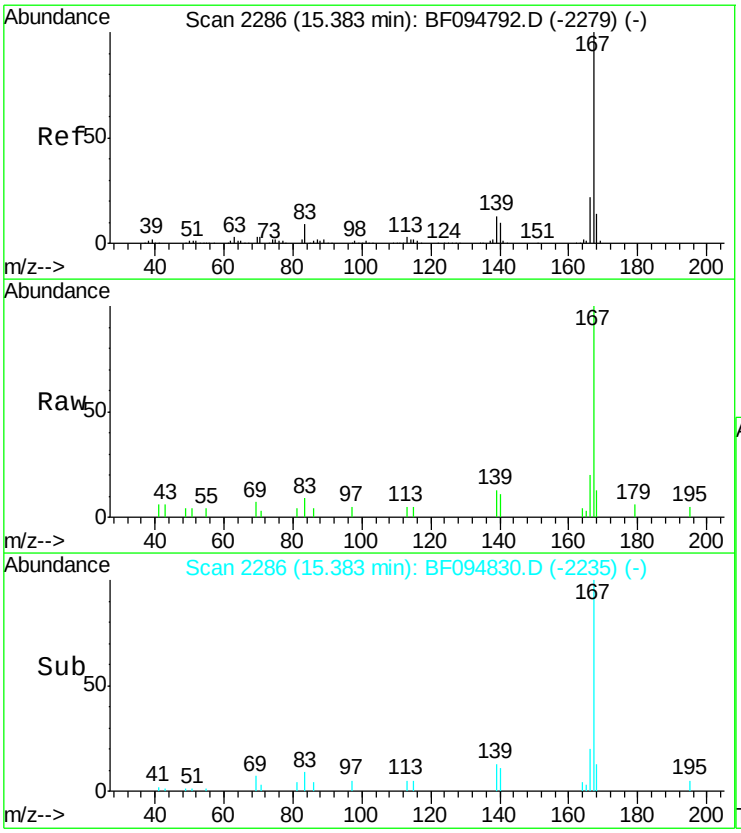
Tgt Ion:178 Resp: 39042

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.8	23.8
179	14.5	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

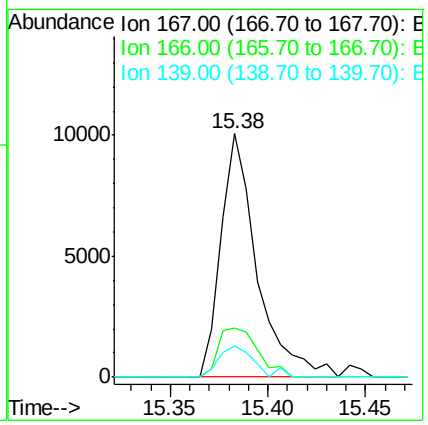
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

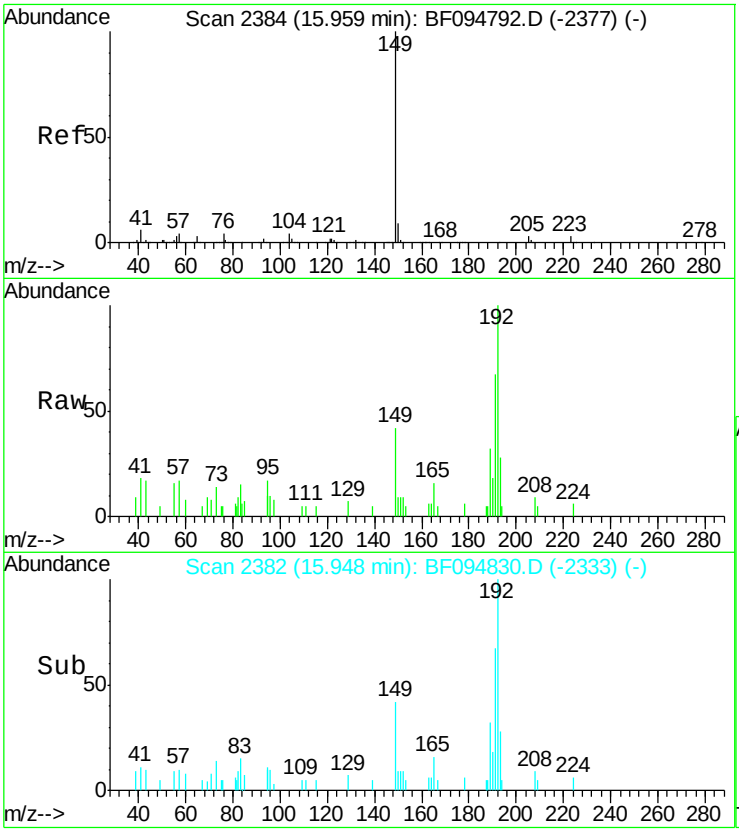


#72
Carbazole
Concen: 1.446 ng
RT: 15.38 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:167 Resp: 12922

Ion	Ratio	Lower	Upper
167	100		
166	20.3	18.1	27.1
139	12.8	11.7	17.5





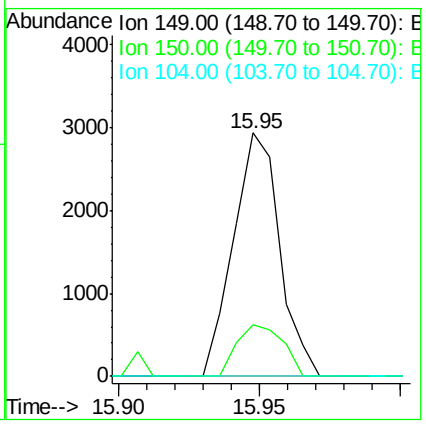
#73
Di-n-butylphthalate
Concen: 0.298 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

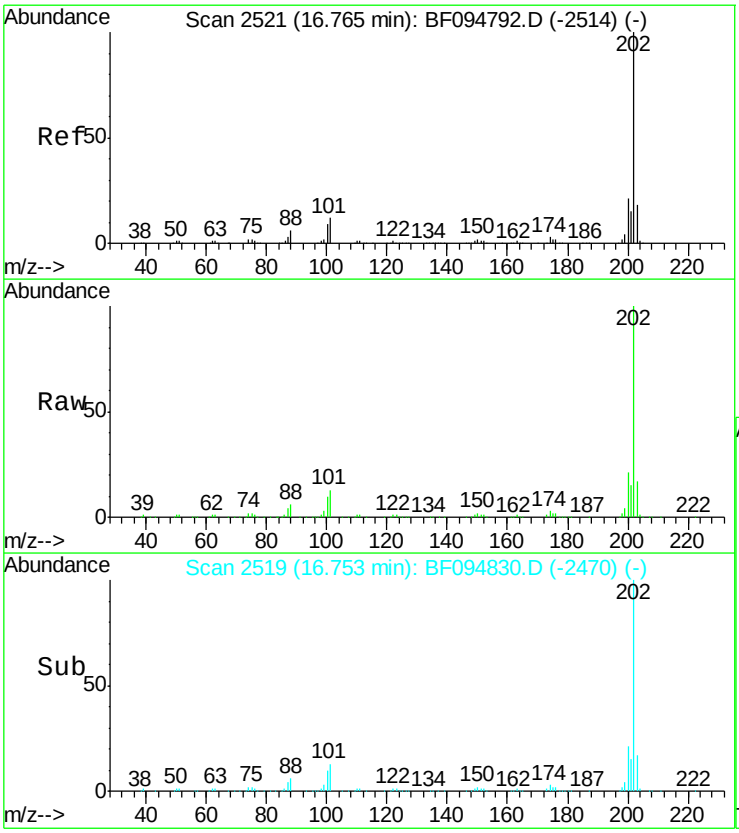
Tgt Ion:149 Resp: 3326

Ion	Ratio	Lower	Upper
149	100		
150	21.1	7.7	11.5#
104	0.0	4.0	6.0#

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

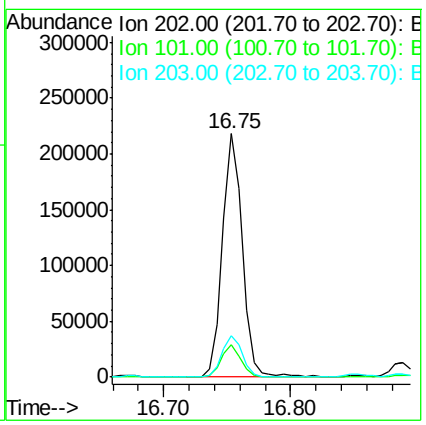


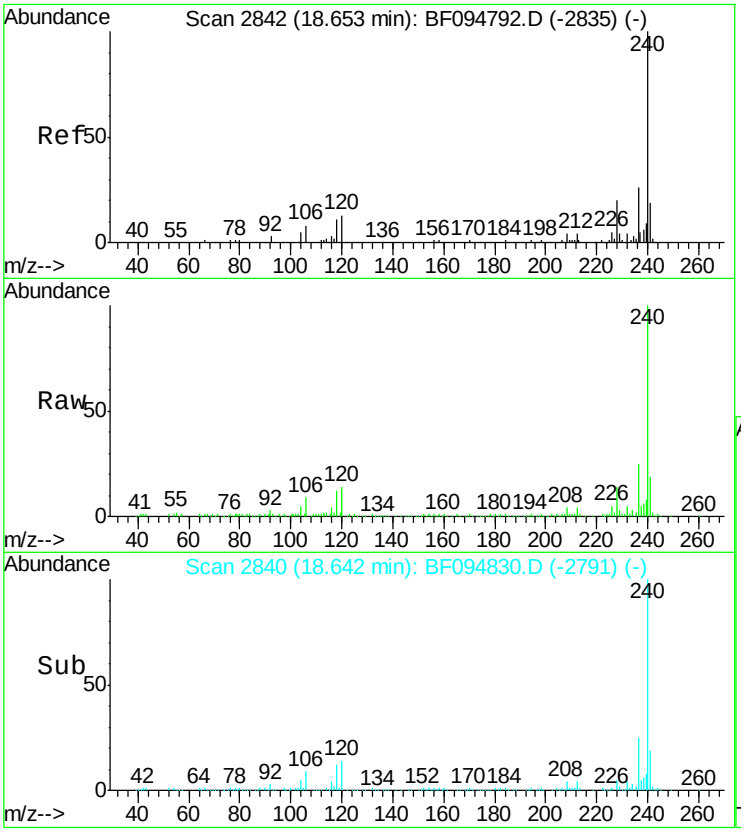


#74
Fluoranthene
Concen: 24.192 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:202 Resp: 238673

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.1	0.0	38.1





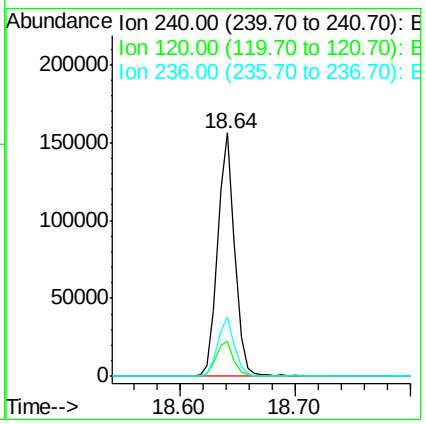
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

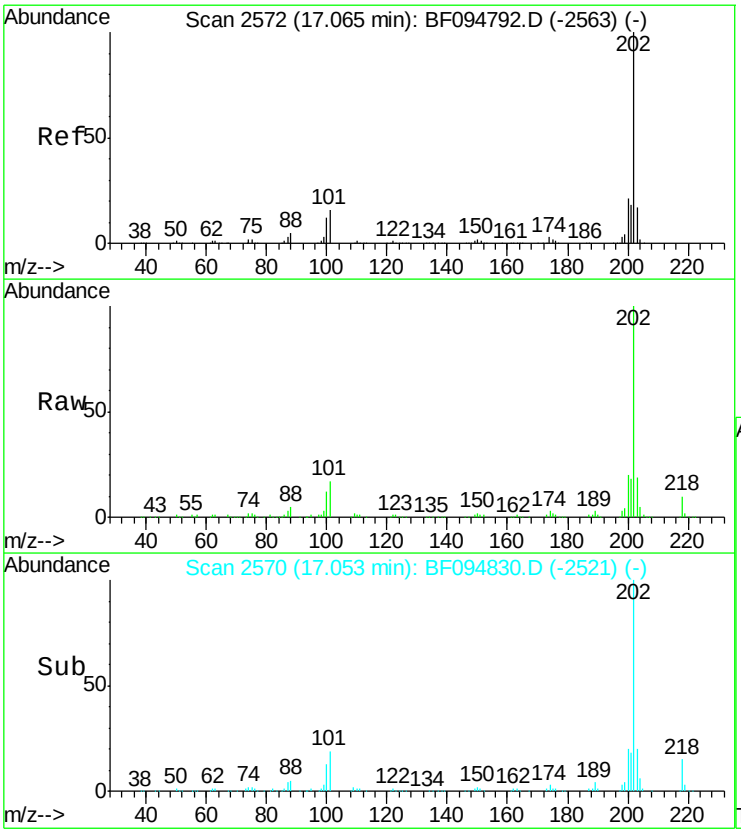
Tgt Ion:240 Resp: 159673

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.5	20.5	30.7

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

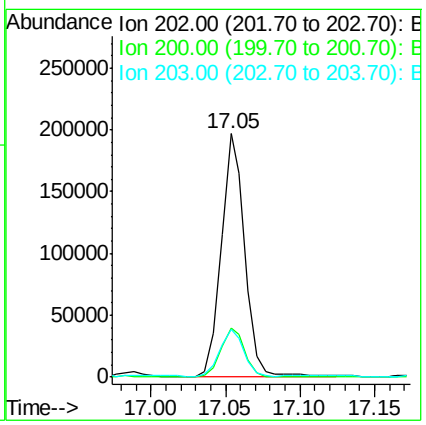


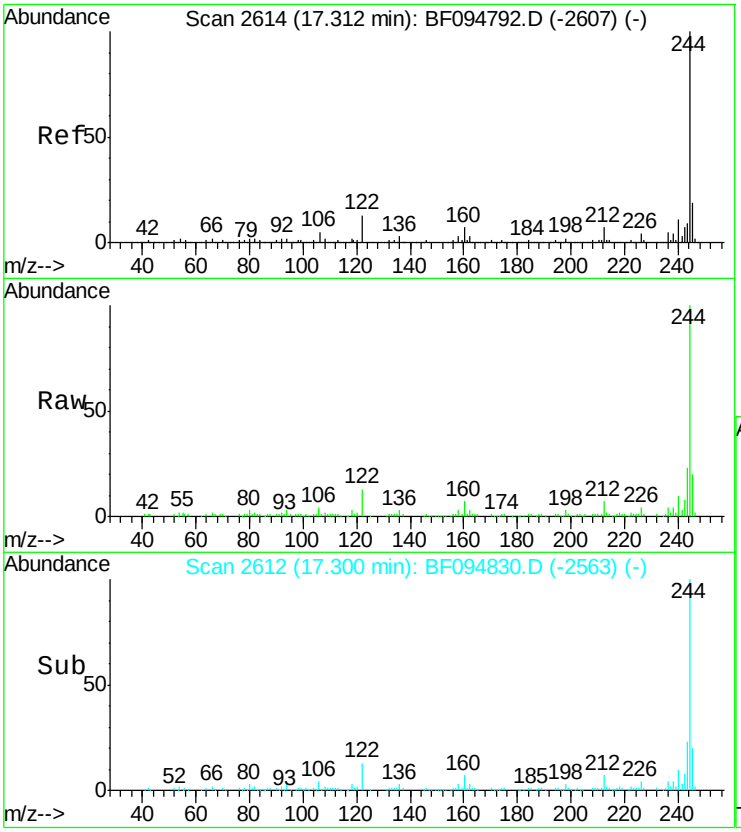


#77
Pyrene
Concen: 18.201 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:202 Resp: 217356

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	19.4	14.4	21.6





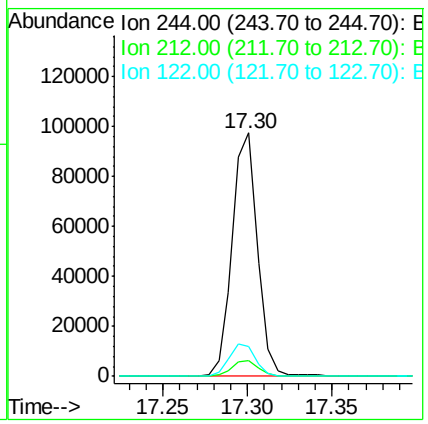
#78
Terphenyl-d14
Concen: 13.967 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

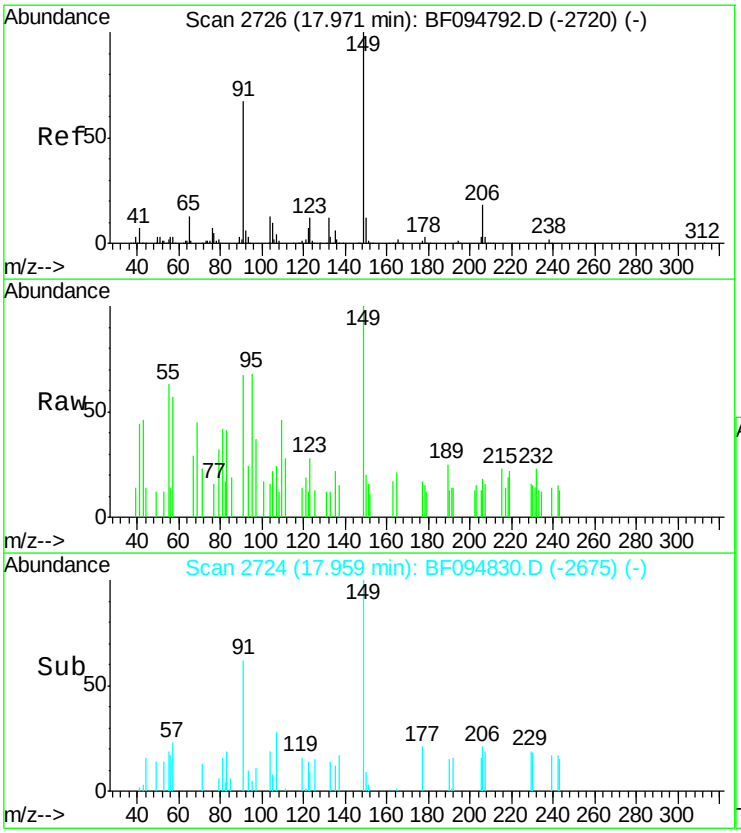
Tgt Ion:244 Resp: 101252

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.5	10.3	15.5

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

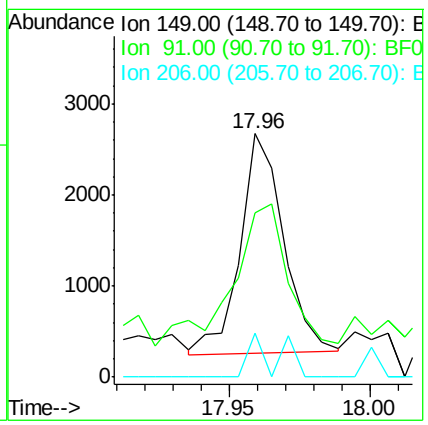


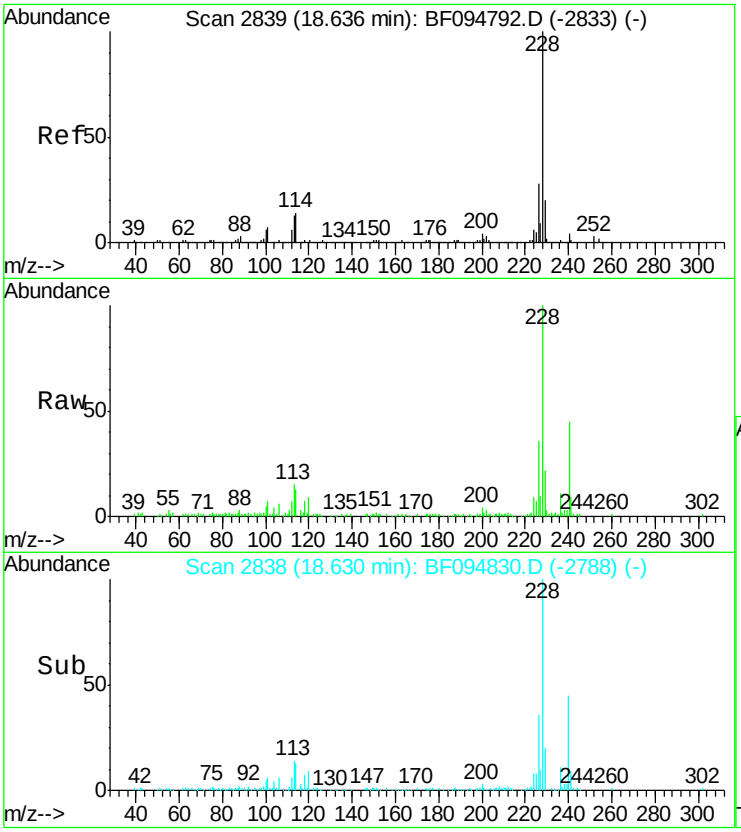


#79
Butylbenzylphthalate
Concen: 0.463 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:149 Resp: 2573

Ion	Ratio	Lower	Upper
149	100		
91	67.5	45.0	67.4#
206	17.8	17.0	25.6





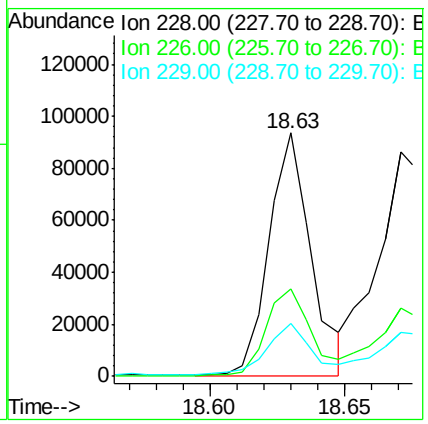
#80
Benzo(a)anthracene
Concen: 10.930 ng m
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

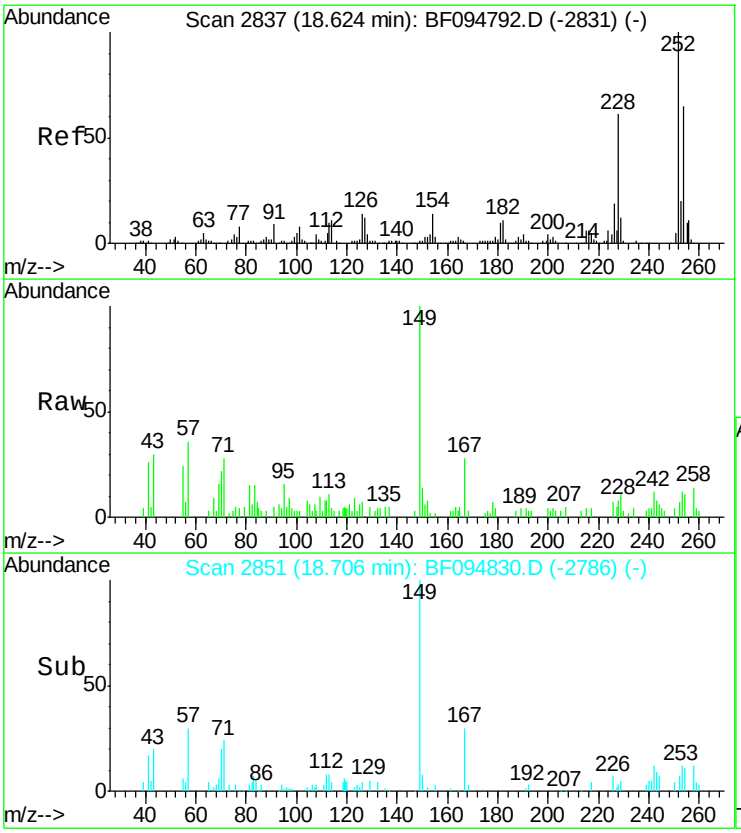
Tgt Ion:228 Resp: 101574

Ion	Ratio	Lower	Upper
228	100		
226	36.2	22.6	33.8#
229	21.5	16.3	24.5

Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

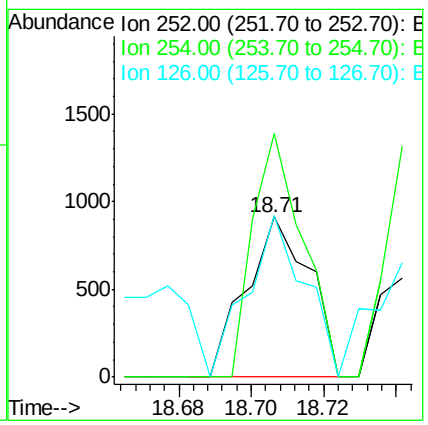


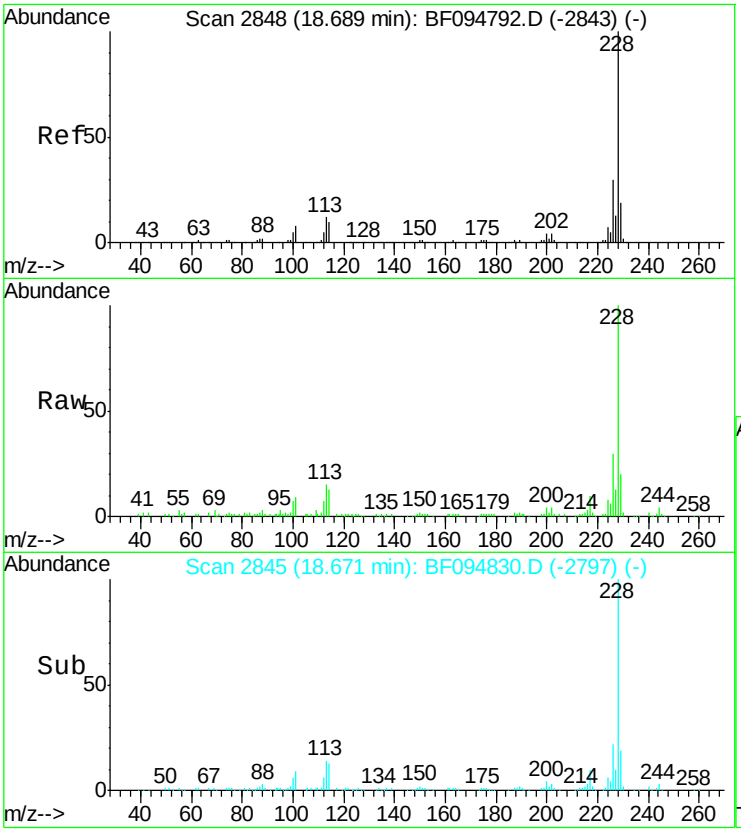


#81
3,3'-Dichlorobenzidine
Concen: 0.342 ng
RT: 18.71 min Scan# 2851
Delta R.T. 0.08 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:252 Resp: 1099

Ion	Ratio	Lower	Upper
252	100		
254	152.0	51.5	77.3#
126	101.2	15.8	23.8#

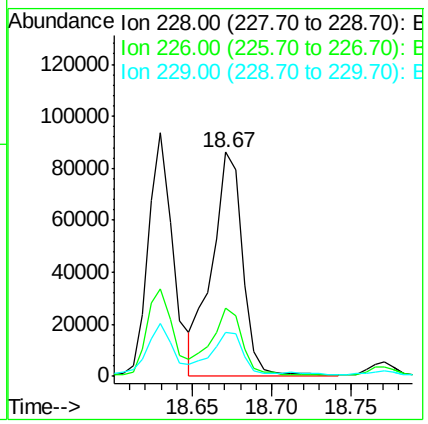




#82
Chrysene
Concen: 12.904 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

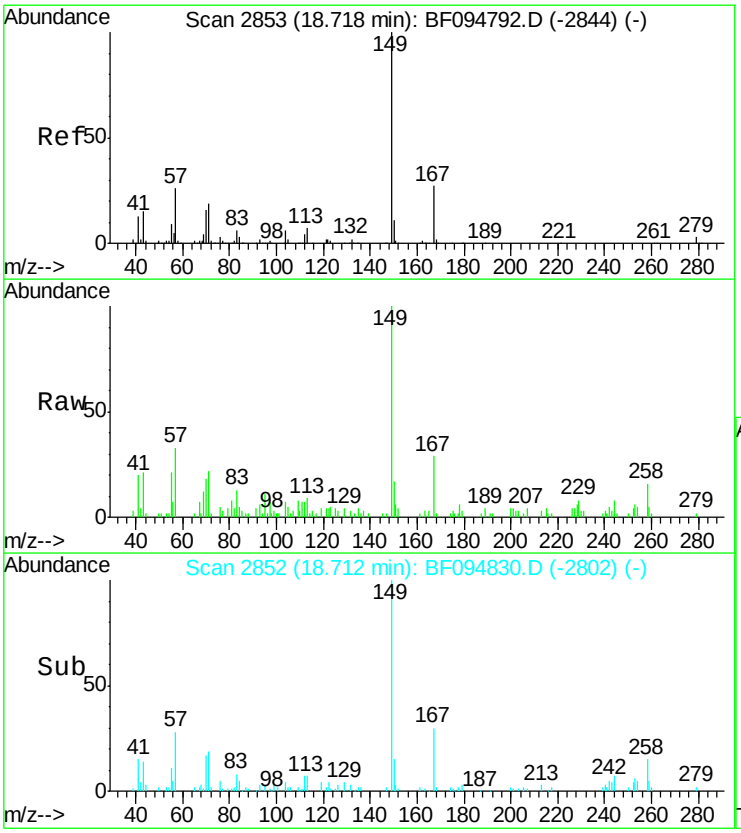
Tgt Ion:228 Resp: 115951

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.7	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

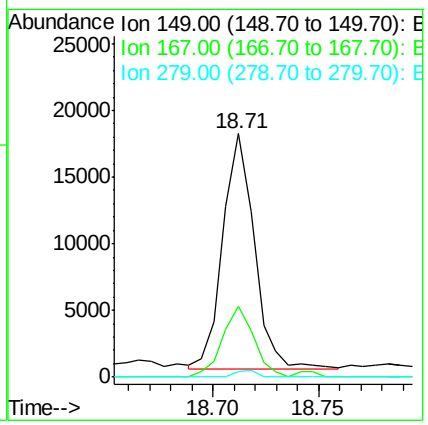
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

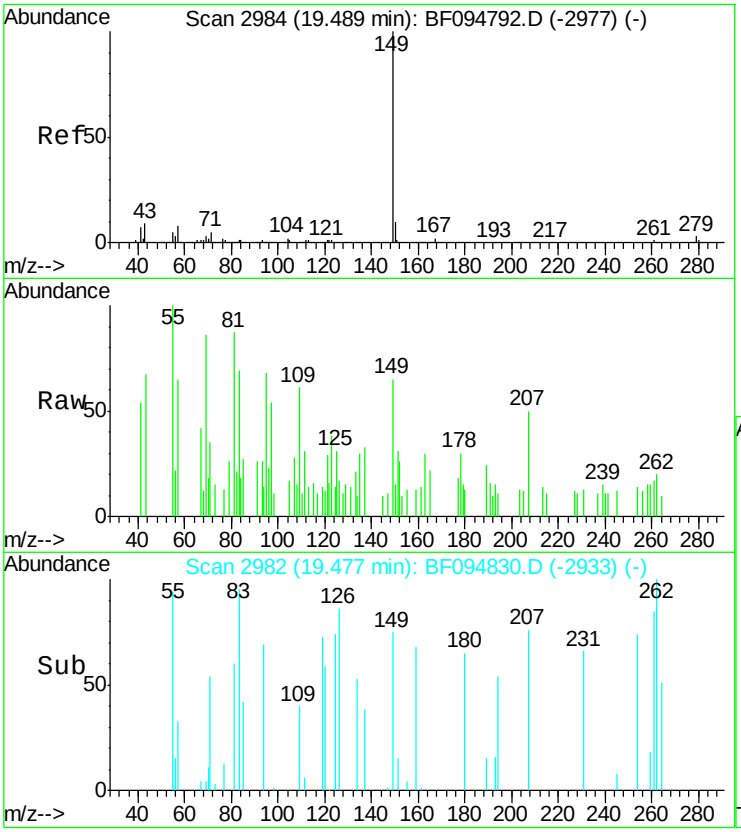


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.301 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:149 Resp: 18211

Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.0	31.4
279	2.3	1.9	2.9

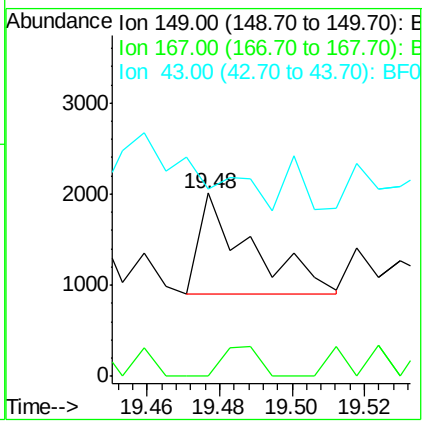




#84
Di-n-octyl phthalate
Concen: 0.083 ng
RT: 19.48 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

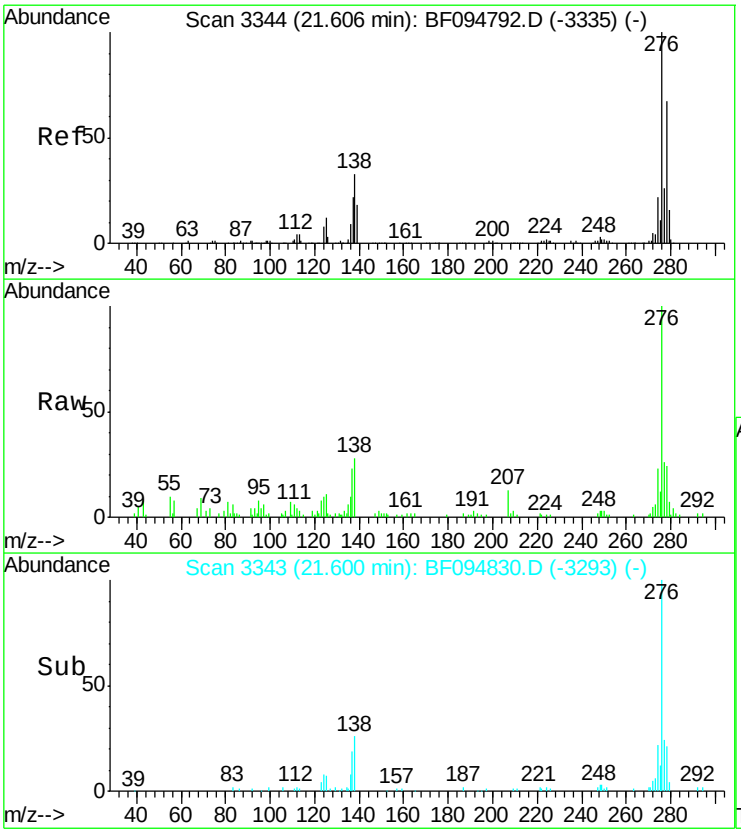
Tgt Ion:149 Resp: 1081

Ion	Ratio	Lower	Upper
149	100		
167	21.0	1.2	1.8#
43	0.0	8.5	12.7#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

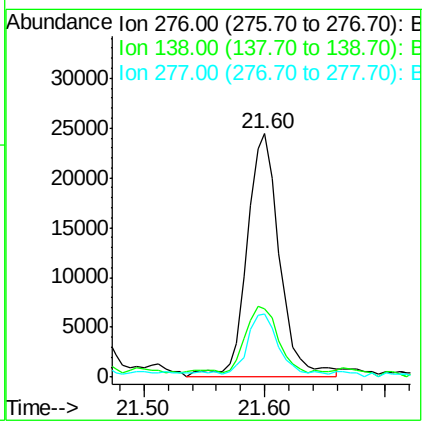
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

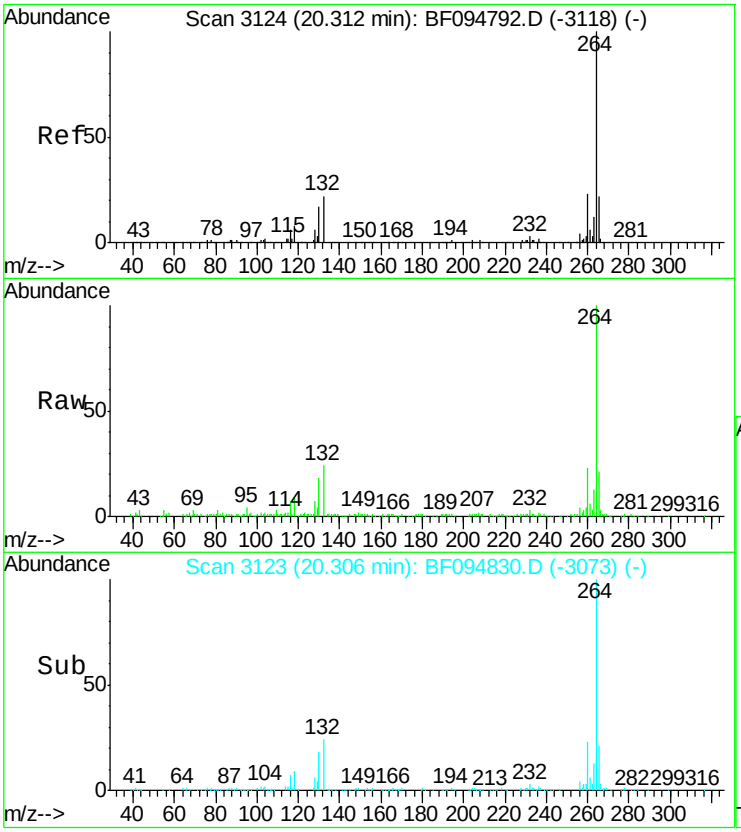


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.340 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:276 Resp: 46260

Ion	Ratio	Lower	Upper
276	100		
138	28.6	27.8	41.6
277	22.7	20.2	30.4

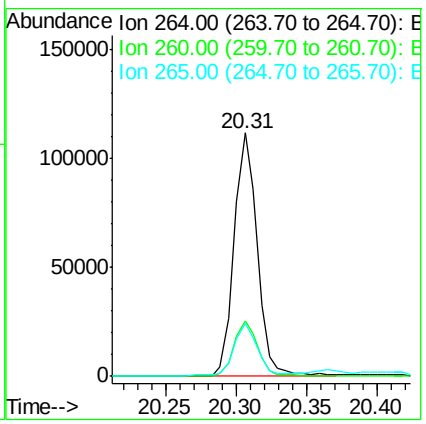




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

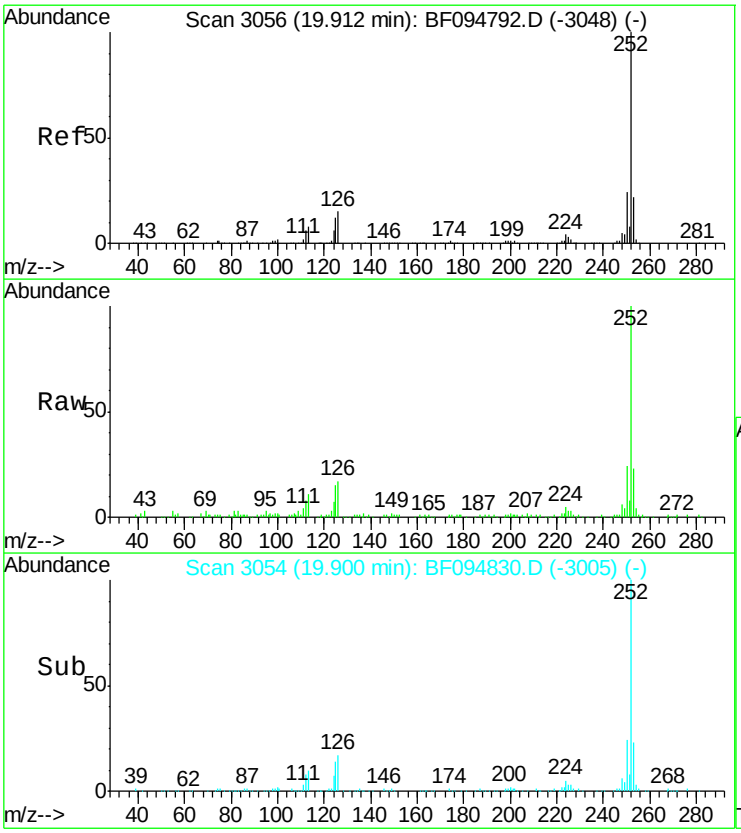
Tgt Ion:264 Resp: 128215

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

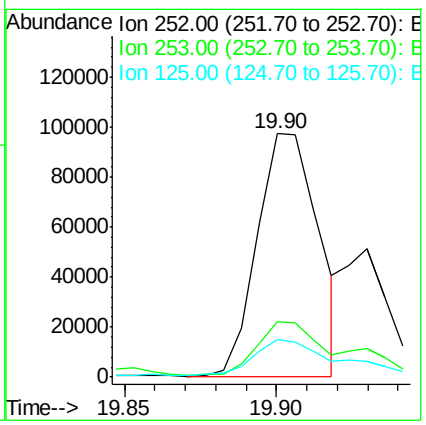
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

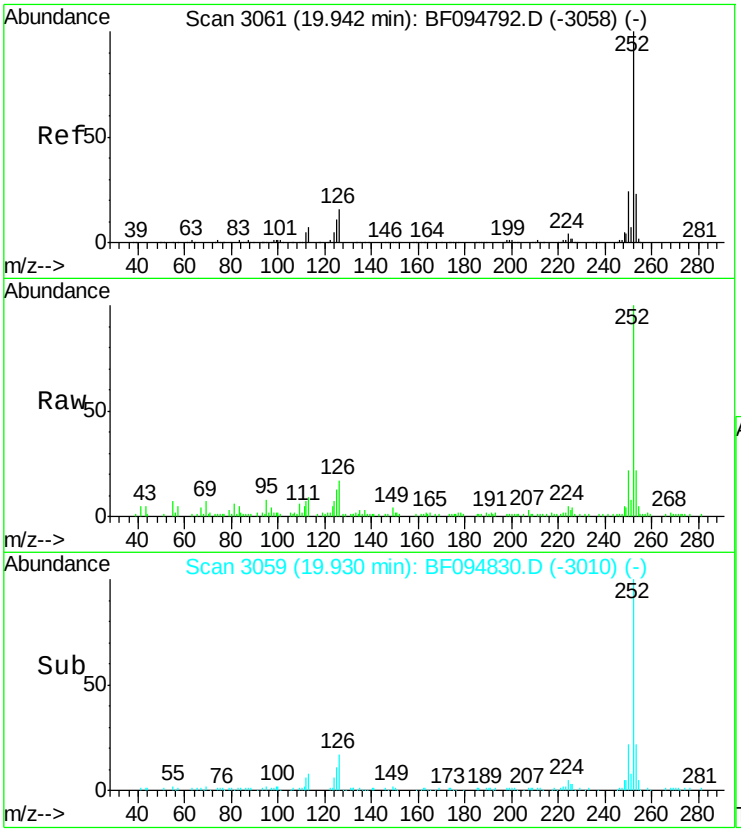


#87
Benzo(b)fluoranthene
Concen: 17.221 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:252 Resp: 136438

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.4	9.8	14.8#

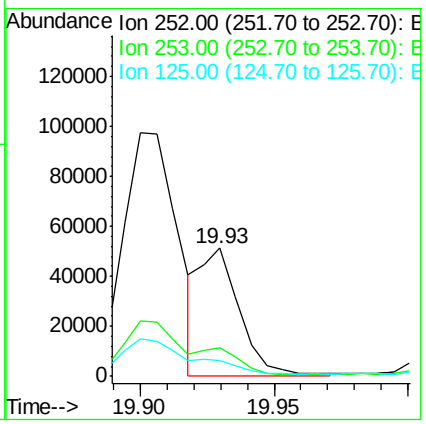




#88
Benzo(k)fluoranthene
Concen: 6.944 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

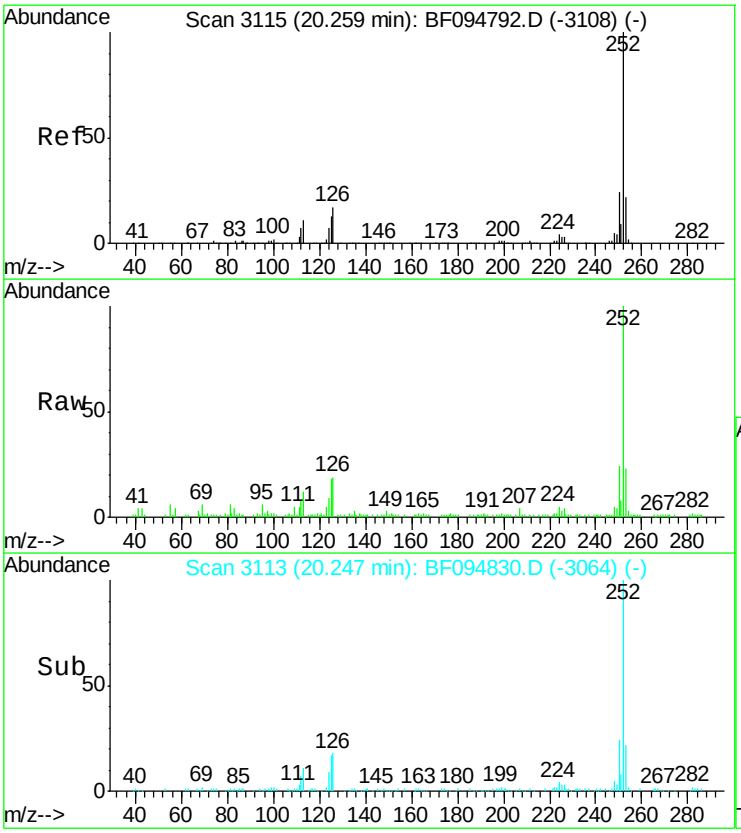
Tgt Ion:252 Resp: 53065

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	12.6	13.1	19.7#



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

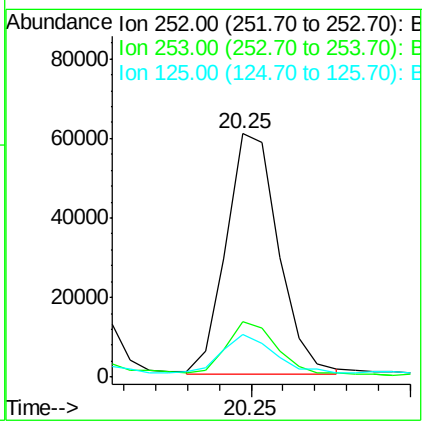
Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM

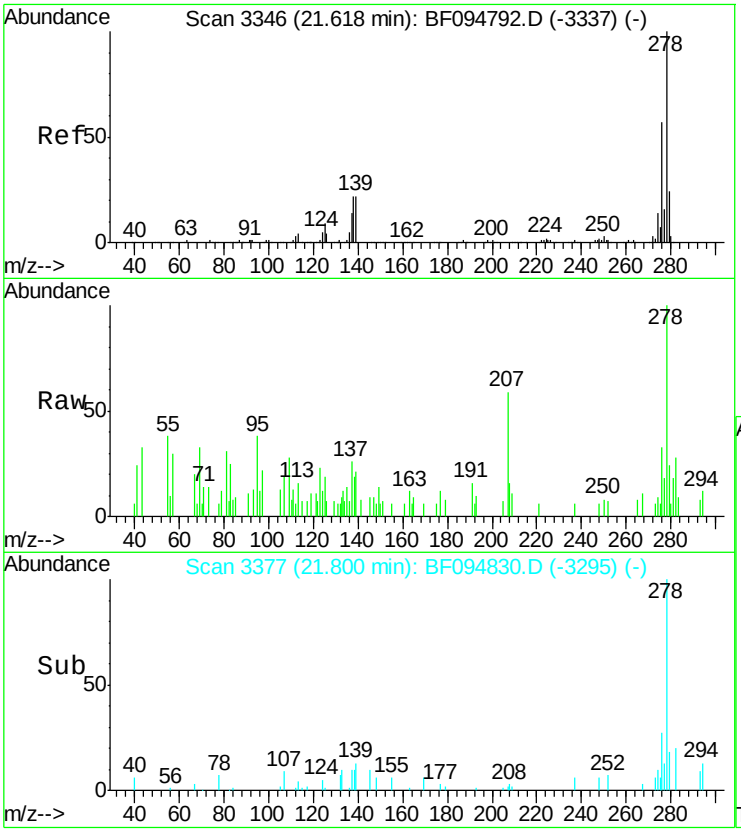


#89
Benzo(a)pyrene
Concen: 9.426 ng m
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:252 Resp: 68908

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	17.7	11.0	16.4#

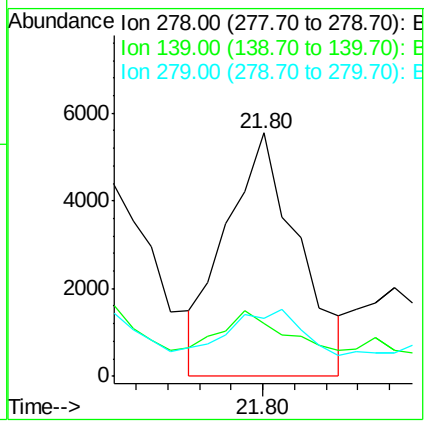




#90
Dibenzo(a,h)anthracene
Concen: 1.468 ng
RT: 21.80 min Scan# 3377
Delta R.T. 0.18 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

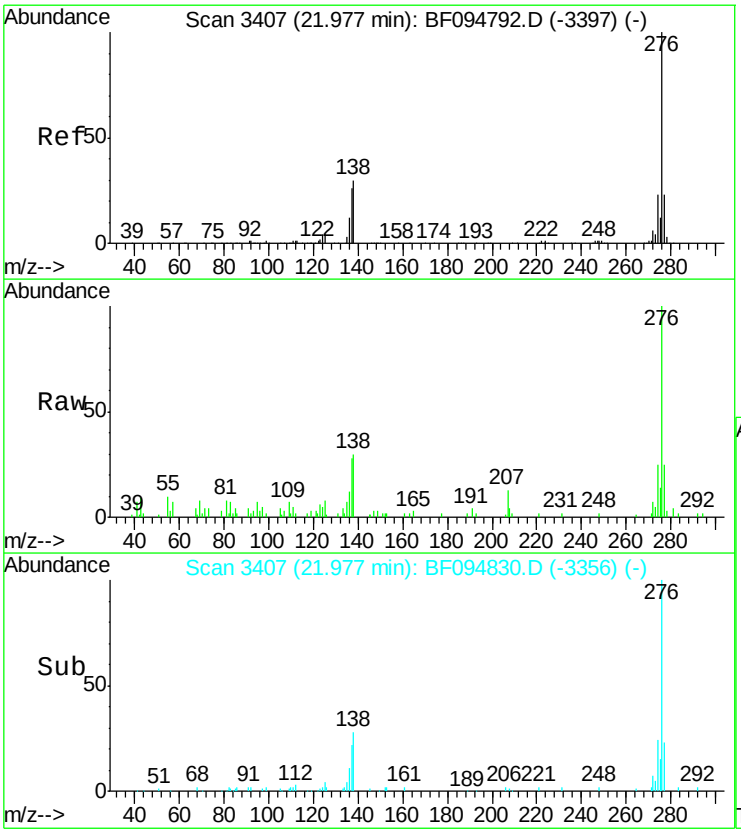
Tgt Ion:278 Resp: 8865

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.7	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
E2-V10-ESW

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:53 PM



#91
Benzo(g,h,i)perylene
Concen: 7.415 ng
RT: 21.98 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BF094830.D
Acq: 3 May 2017 12:04

Tgt Ion:276 Resp: 43935

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	30.0	25.4	38.0