Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116110.D
Acq On : 9 Aug 2019 13:52
Operator : HP/JU
Sample : K4219-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

Quant Time: Aug 11 01:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124208	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	488987	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	266024	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	481913	20.00	ng		0.00
76) Chrysene-d12	14.00	240	351160	20.00	ng		0.00
87) Perylene-d12	15.46	264	301577	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	929576	125.29	ng		0.00
7) Phenol-d6	6.49	99	1220652	130.40	ng		0.00
23) Nitrobenzene-d5	7.40	82	766559	90.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	344864	133.71	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1167550	82.21	ng		-0.01
79) Terphenyl-d14	12.94	244	1473449	88.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	119000	31.748	ng		98
3) Pyridine	3.40	79	306453	29.268	ng		99
4) n-Nitrosodimethylamine	3.33	42	143508	34.730	ng		100
6) Aniline	6.50	93	338101	25.220	ng	#	85
8) 2-Chlorophenol	6.63	128	335198	40.855	ng		96
9) Benzaldehyde	6.39	77	171314	26.523	ng		99
10) Phenol	6.50	94	505969	45.899	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	325523	40.165	ng		99
12) 1,3-Dichlorobenzene	6.78	146	355380	37.480	ng		99
13) 1,4-Dichlorobenzene	6.86	146	362685	38.202	ng		98
14) 1,2-Dichlorobenzene	7.01	146	338296	38.698	ng		100
15) Benzyl Alcohol	6.99	79	285333	40.165	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	421745	38.151	ng		89
17) 2-Methylphenol	7.10	107	282518	40.667	ng		99
18) Hexachloroethane	7.35	117	131489	37.617	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	232361	40.056	ng		97
20) 3+4-Methylphenols	7.25	107	350873	42.679	ng		91
22) Acetophenone	7.25	105	459377	42.836	ng	#	98
24) Nitrobenzene	7.42	77	370202	40.473	ng		99
25) Isophorone	7.66	82	681951	42.100	ng		99
26) 2-Nitrophenol	7.74	139	187318	43.444	ng		96
27) 2,4-Dimethylphenol	7.77	122	310764	47.906	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	414809	41.316	ng		99
29) 2,4-Dichlorophenol	7.99	162	300511	43.875	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	313549	40.160	ng		99
31) Naphthalene	8.14	128	969000	42.111	ng		100
32) Benzoic acid	7.89	122	32174m	7.035	ng		
33) 4-Chloroaniline	8.19	127	179137	17.423	ng		97
34) Hexachlorobutadiene	8.26	225	174498	38.802	ng		99
35) Caprolactam	8.56	113	89673m	40.480	ng		
36) 4-Chloro-3-methylphenol	8.68	107	315312	44.251	ng		99
37) 2-Methylnaphthalene	8.83	142	653085	43.095	ng		99
38) 1-Methylnaphthalene	8.93	142	609809	42.535	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	299956	42.177	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116110.D
Acq On : 9 Aug 2019 13:52
Operator : HP/JU
Sample : K4219-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

Quant Time: Aug 11 01:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	178151	57.590 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	194055	39.642 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	209482	41.398 ng	98
46) 1,1'-Biphenyl	9.29	154	803691	42.792 ng	99
47) 2-Chloronaphthalene	9.32	162	635542	40.658 ng	99
48) 2-Nitroaniline	9.42	65	210407	40.723 ng	99
49) Acenaphthylene	9.73	152	980941	43.014 ng	99
50) Dimethylphthalate	9.59	163	833017	45.989 ng	100
51) 2,6-Dinitrotoluene	9.66	165	172851	43.912 ng	99
52) Acenaphthene	9.91	154	575783	41.155 ng	99
53) 3-Nitroaniline	9.83	138	126040	25.914 ng	96
54) 2,4-Dinitrophenol	9.95	184	73281	40.841 ng	99
55) Dibenzofuran	10.08	168	854341	41.991 ng	100
56) 4-Nitrophenol	10.01	139	248320	79.698 ng	93
57) 2,4-Dinitrotoluene	10.07	165	225234	42.976 ng	97
58) Fluorene	10.42	166	685255	43.776 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	176607	41.484 ng	99
60) Diethylphthalate	10.29	149	741201	43.829 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	347208	43.796 ng	98
62) 4-Nitroaniline	10.45	138	208864	41.553 ng	99
63) Azobenzene	10.57	77	760983	43.750 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	90500	35.437 ng	95
66) n-Nitrosodiphenylamine	10.53	169	619627	42.718 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	214557	41.590 ng	96
68) Hexachlorobenzene	10.98	284	240631	40.338 ng	93
69) Atrazine	11.06	200	207446	43.472 ng	98
70) Pentachlorophenol	11.17	266	176673	61.002 ng	98
71) Phenanthrene	11.39	178	1045521	42.438 ng	99
72) Anthracene	11.44	178	1094661	43.904 ng	99
73) Carbazole	11.59	167	1017420	44.978 ng	99
74) Di-n-butylphthalate	11.92	149	1193921	45.245 ng	99
75) Fluoranthene	12.57	202	1145312	44.406 ng	98
77) Benzidine	12.69	184	459784	38.756 ng	98
78) Pyrene	12.80	202	1167090	44.089 ng	99
80) Butylbenzylphthalate	13.41	149	532298	47.538 ng	95
81) Benzo(a)anthracene	13.99	228	966231	43.049 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	206530	26.486 ng	99
83) Chrysene	14.03	228	954289	43.794 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	734940	50.508 ng	99
85) Di-n-octyl phthalate	14.58	149	1129231	48.859 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	831297	45.422 ng	100
88) Benzo(b)fluoranthene	15.04	252	799994	45.878 ng	99
89) Benzo(k)fluoranthene	15.07	252	716989	42.215 ng	98
90) Benzo(a)pyrene	15.41	252	711355	45.635 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	693484	51.396 ng	99
92) Benzo(g,h,i)perylene	17.39	276	723879	54.627 ng	98

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

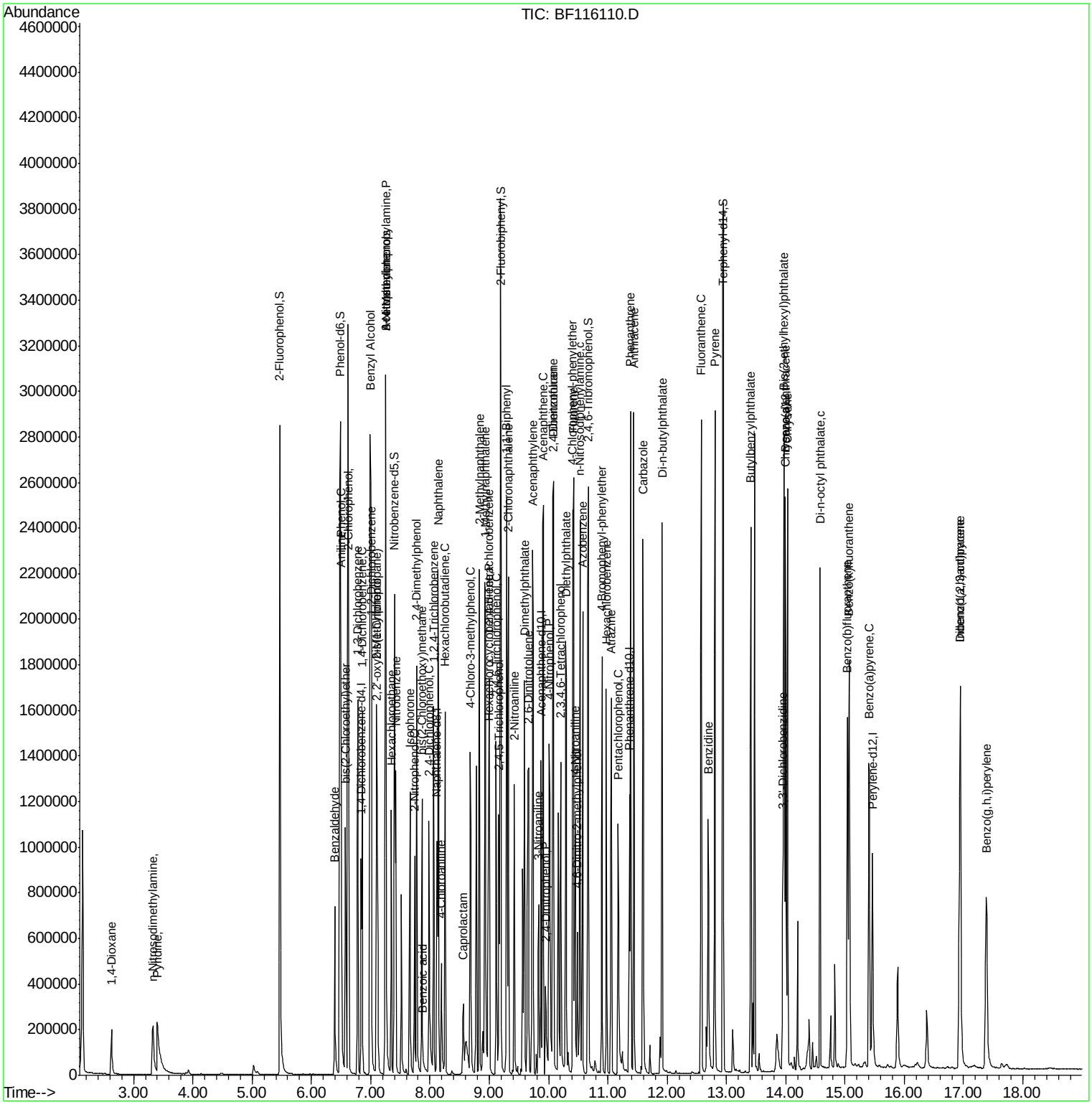
Quantitation Report (QT Reviewed)

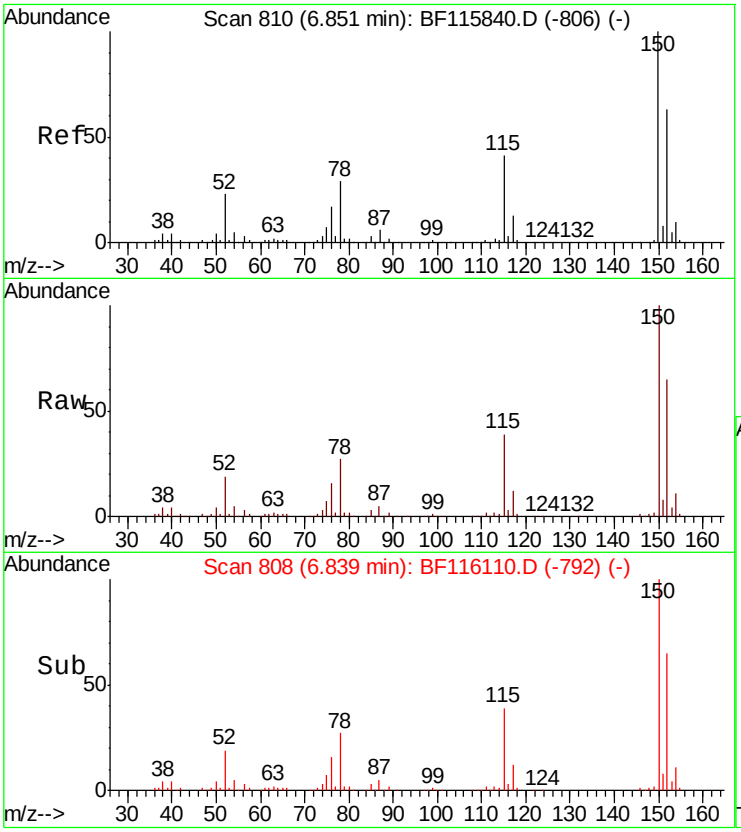
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116110.D
Acq On : 9 Aug 2019 13:52
Operator : HP/JU
Sample : K4219-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 11 01:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

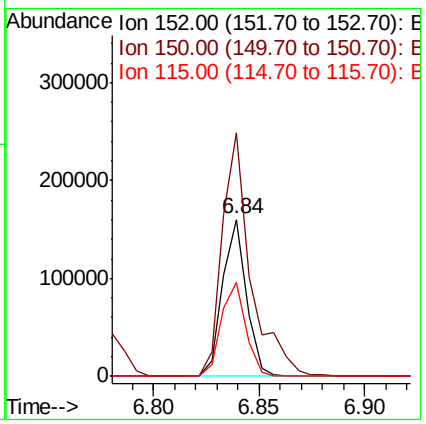




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

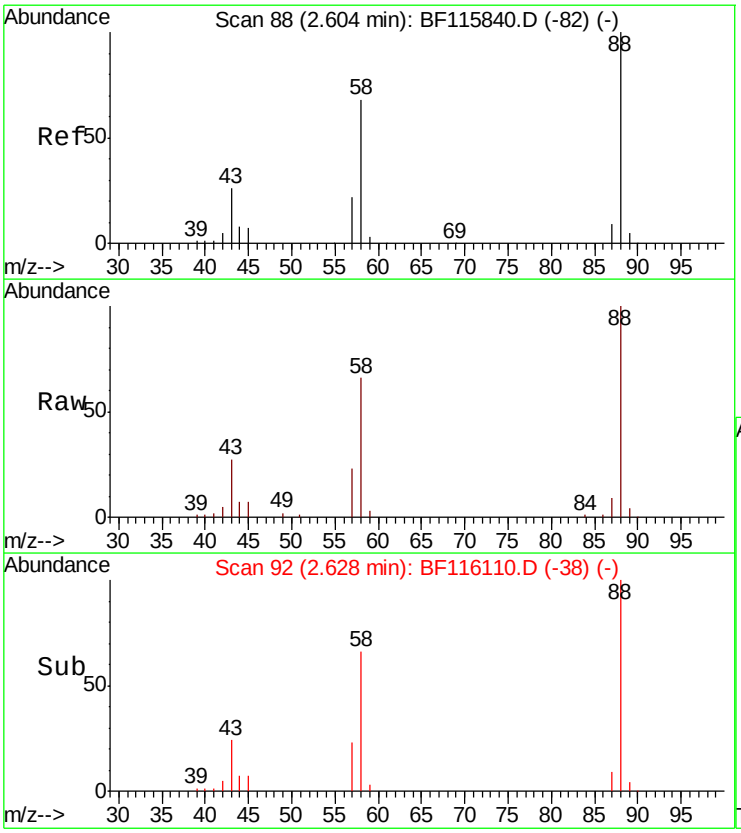
Tgt Ion:152 Resp: 124208

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	59.9	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

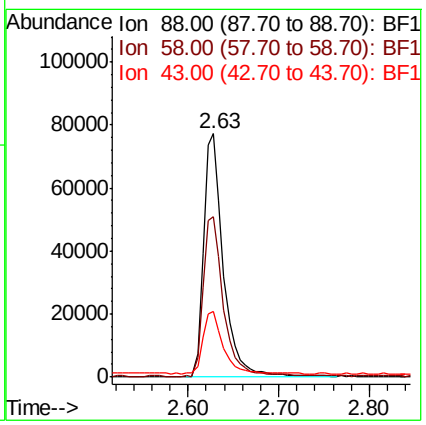
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

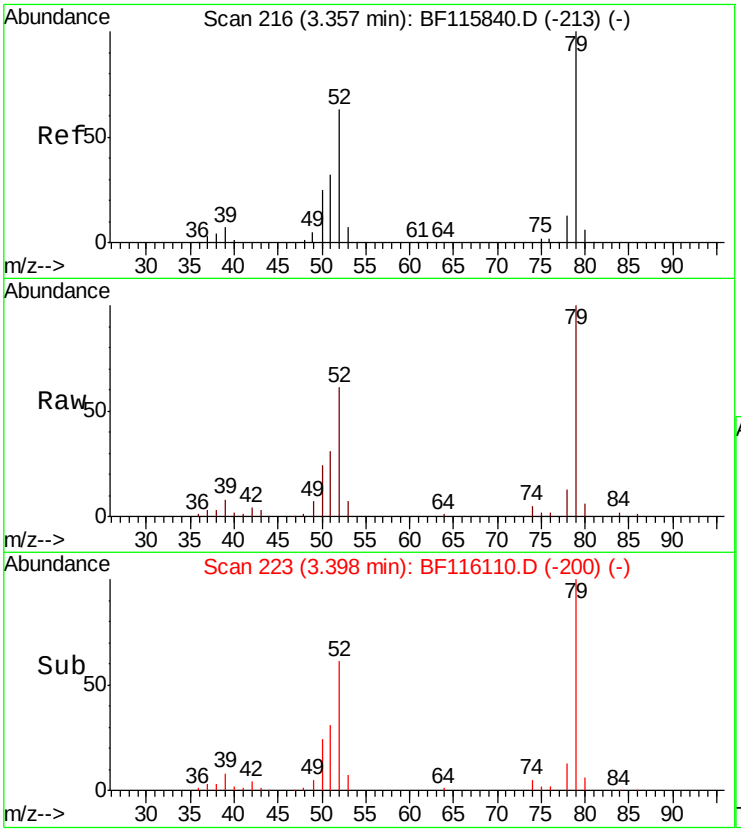


#2
1,4-Dioxane
Concen: 31.748 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 88 Resp: 119000

Ion	Ratio	Lower	Upper
88	100		
58	68.7	53.7	80.5
43	25.4	21.0	31.4

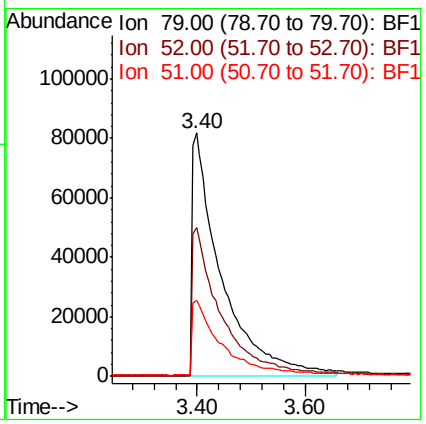




#3
Pyridine
Concen: 29.268 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.04 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

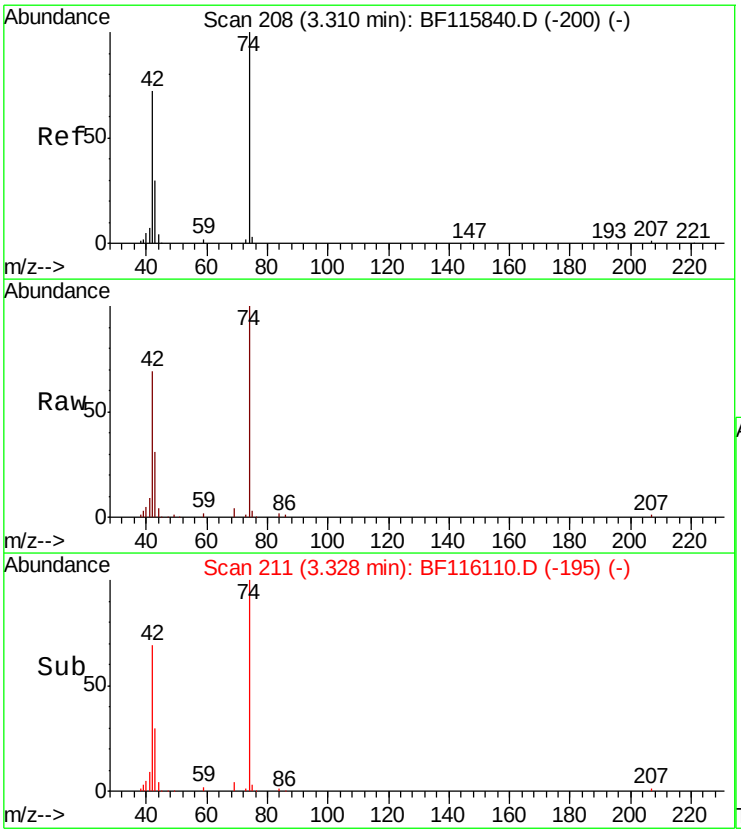
Tgt Ion: 79 Resp: 306453

Ion	Ratio	Lower	Upper
79	100		
52	61.4	49.8	74.8
51	31.1	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

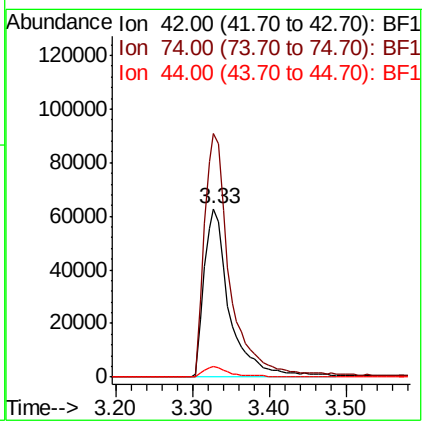
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

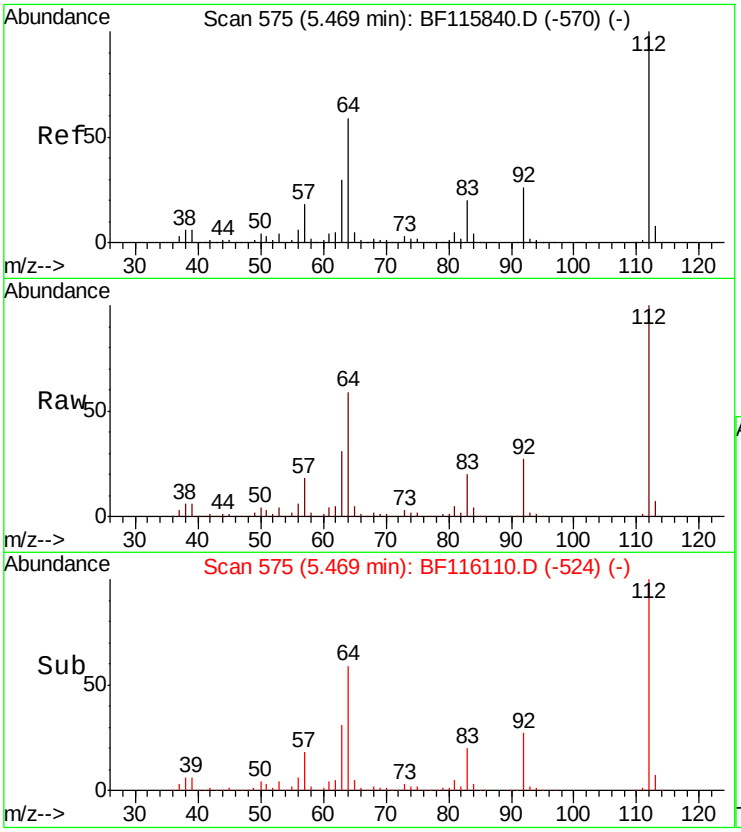


#4
n-Nitrosodimethylamine
Concen: 34.730 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 42 Resp: 143508

Ion	Ratio	Lower	Upper
42	100		
74	144.8	116.0	174.0
44	6.4	4.6	7.0





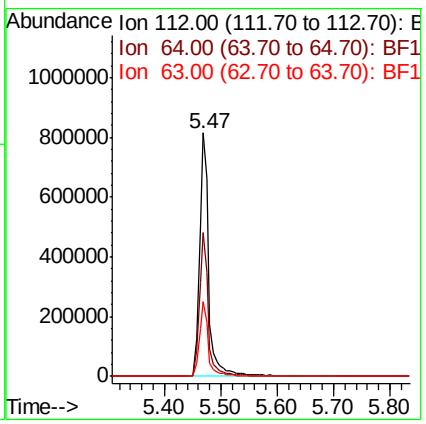
#5
2-Fluorophenol
Concen: 125.287 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

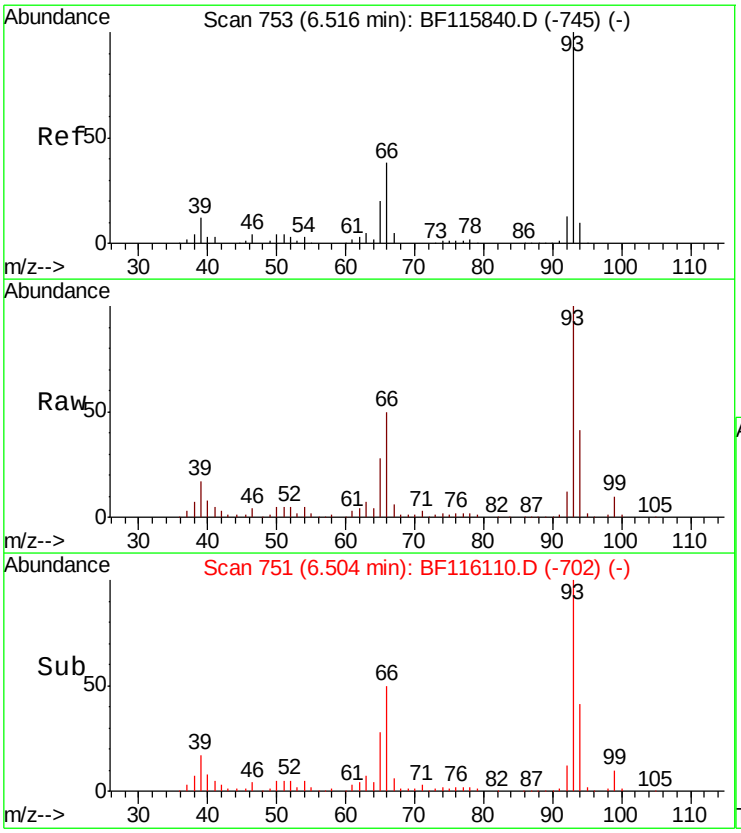
Tgt Ion:112 Resp: 929576

Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.2
63	30.8	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

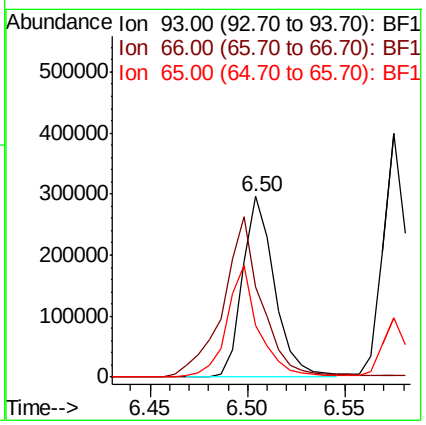


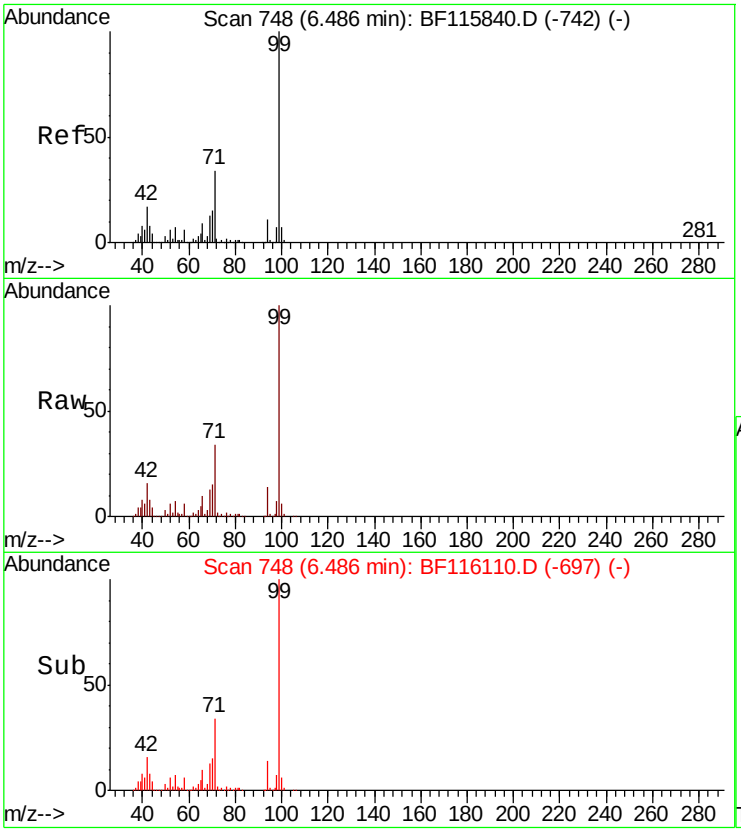


#6
Aniline
Concen: 25.220 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 93 Resp: 338101

Ion	Ratio	Lower	Upper
93	100		
66	50.0	32.2	48.4#
65	28.3	17.0	25.6#

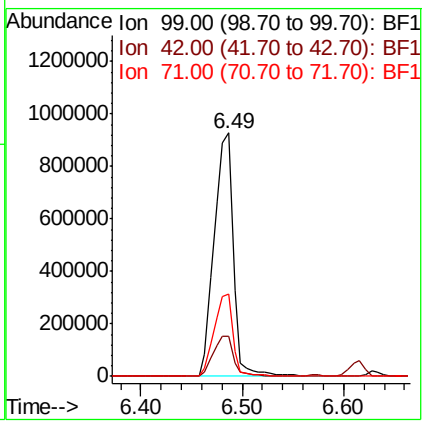




#7
Phenol-d6
Concen: 130.396 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

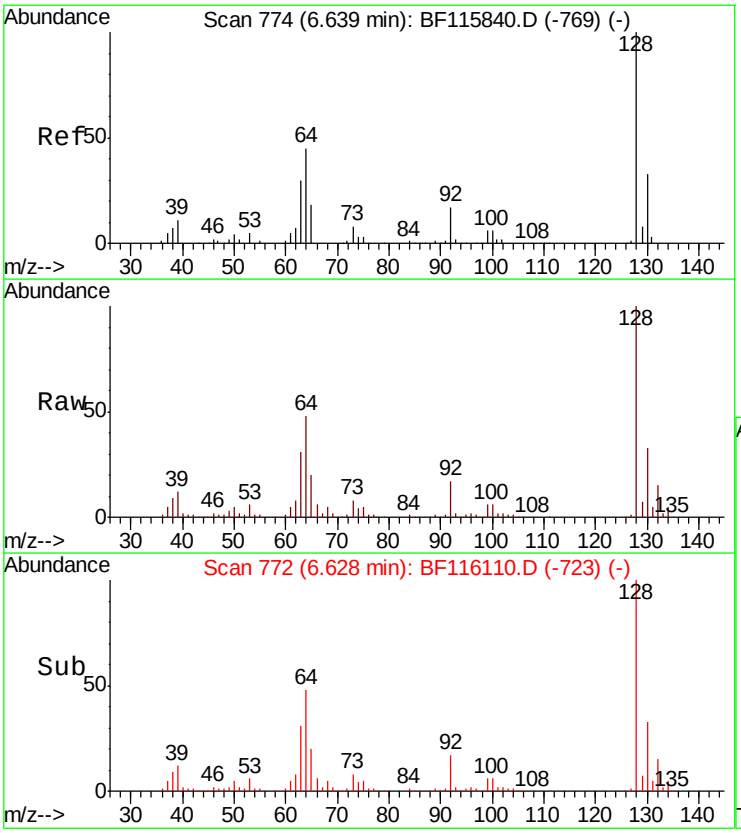
Tgt Ion: 99 Resp: 1220652

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	33.9	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

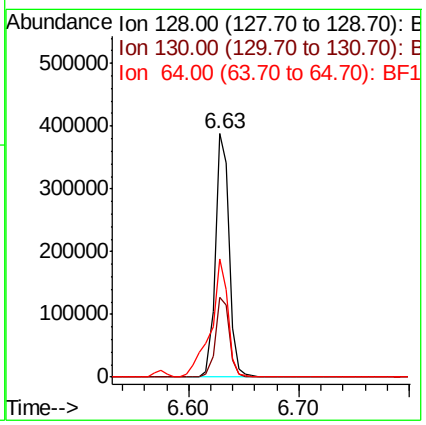
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

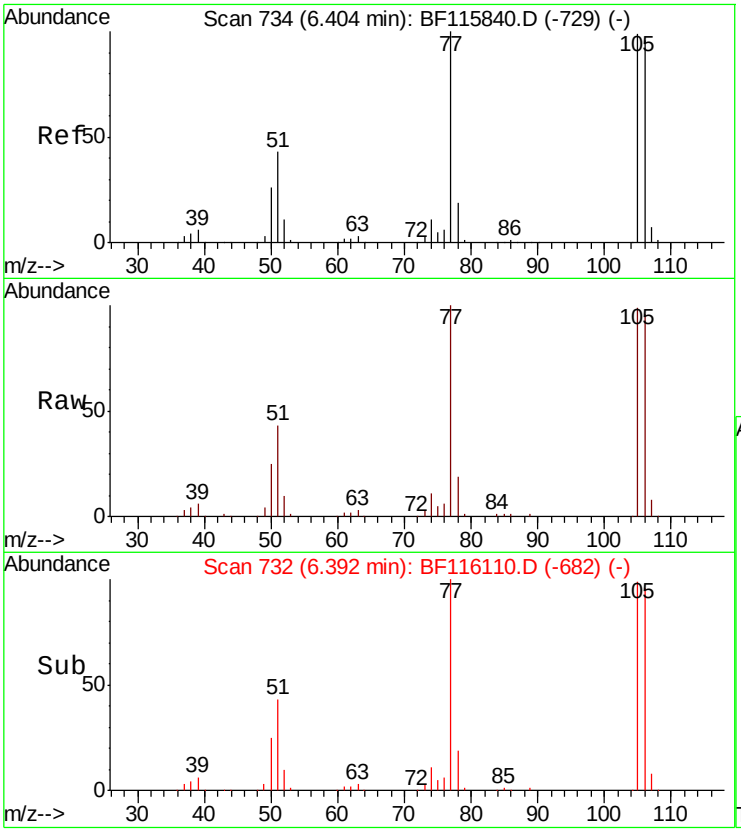


#8
2-Chlorophenol
Concen: 40.855 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:128 Resp: 335198

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	48.4	24.3	64.3

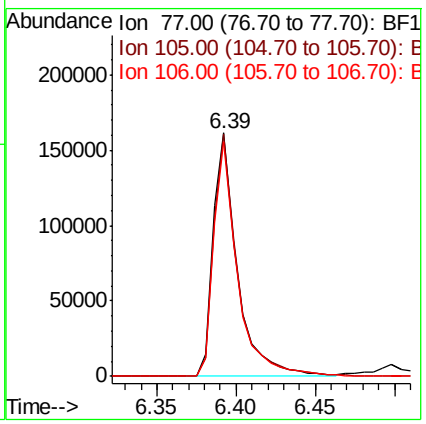




#9
Benzaldehyde
Concen: 26.523 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

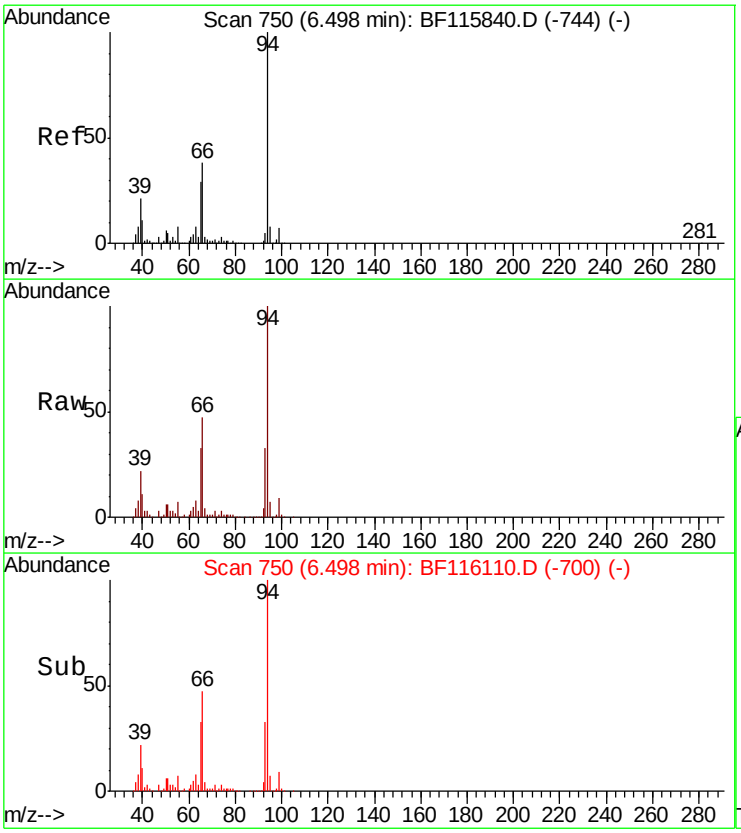
Tgt Ion: 77 Resp: 171314

Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.2	119.2
106	96.2	74.3	114.3



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

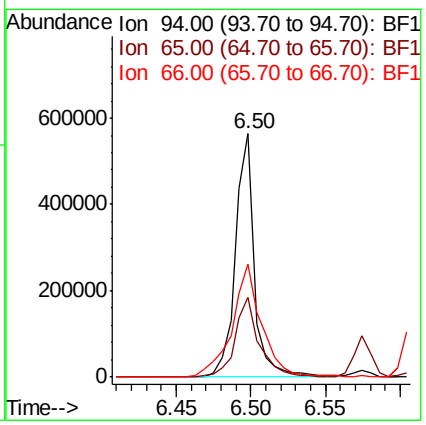
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

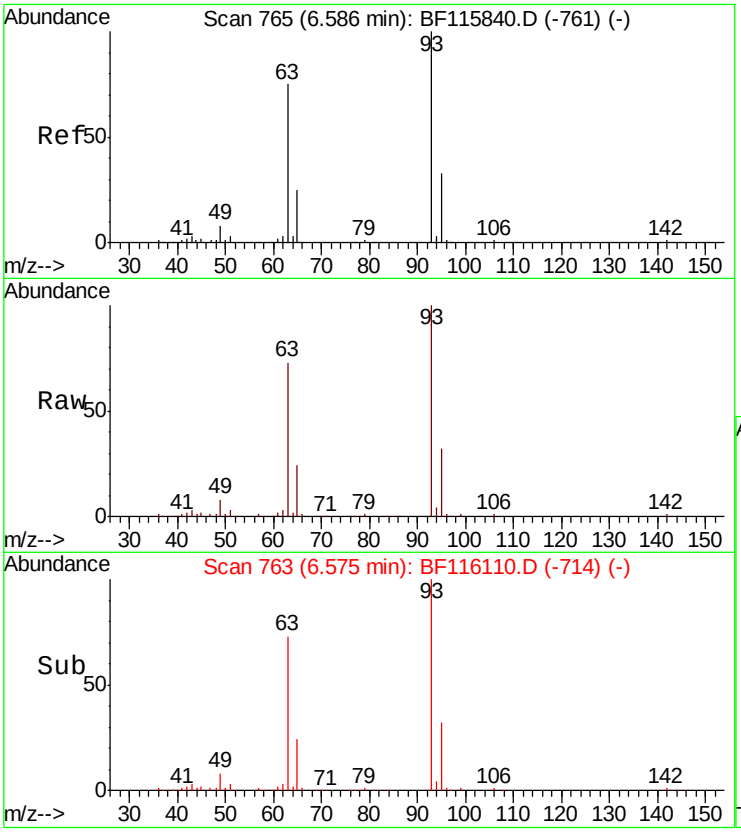


#10
Phenol
Concen: 45.899 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 94 Resp: 505969

Ion	Ratio	Lower	Upper
94	100		
65	32.6	16.8	56.8
66	46.7	34.2	74.2

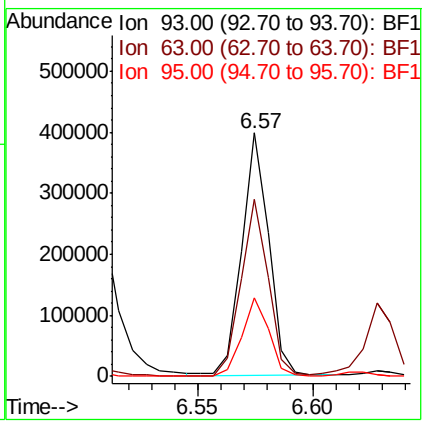




#11
bis(2-Chloroethyl)ether
Concen: 40.165 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

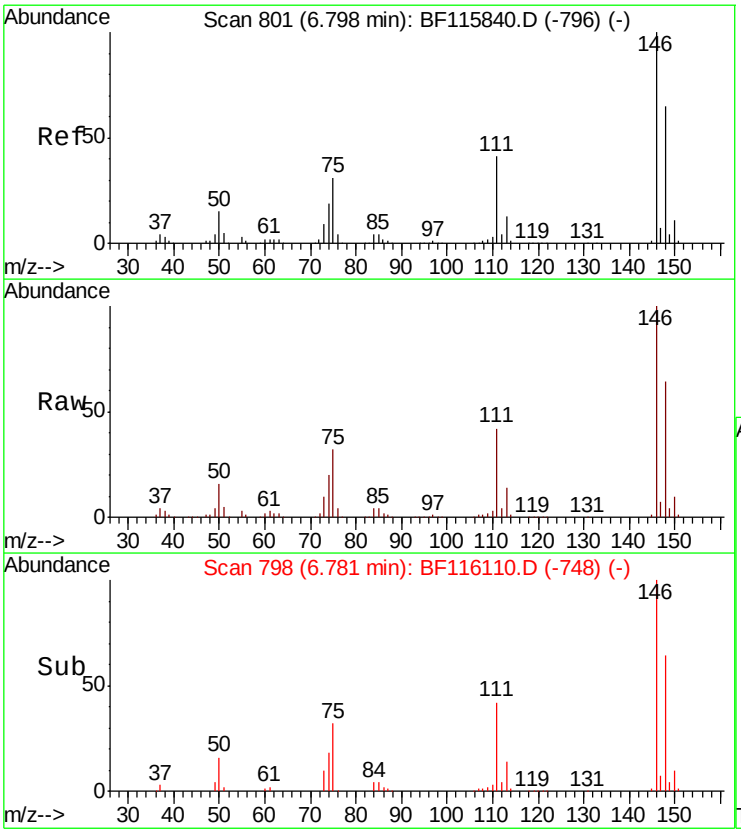
Tgt Ion: 93 Resp: 325523

Ion	Ratio	Lower	Upper
93	100		
63	72.7	51.9	91.9
95	32.5	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

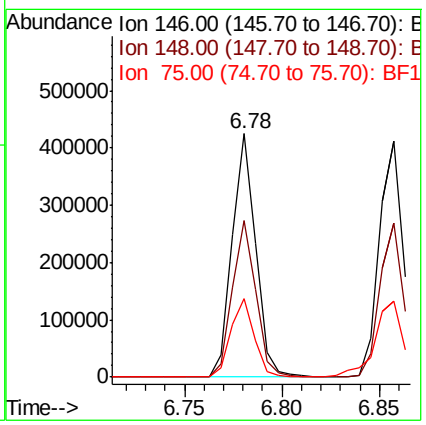
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

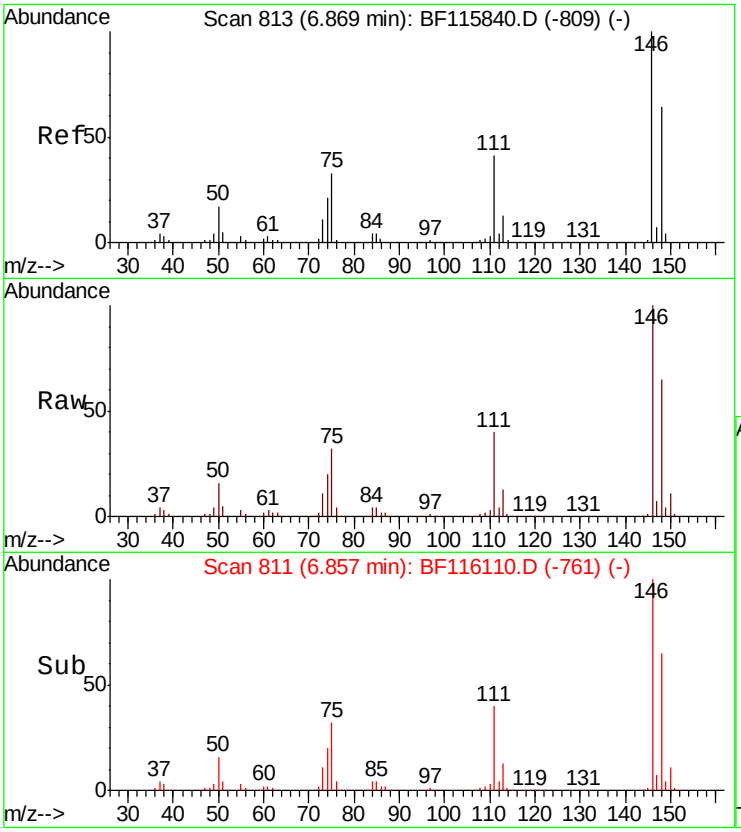


#12
1,3-Dichlorobenzene
Concen: 37.480 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:146 Resp: 355380

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	32.4	27.4	41.2

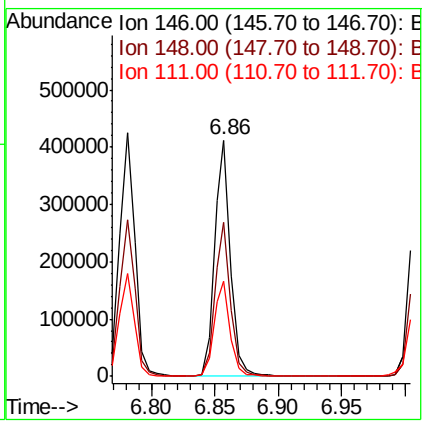




#13
1,4-Dichlorobenzene
Concen: 38.202 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

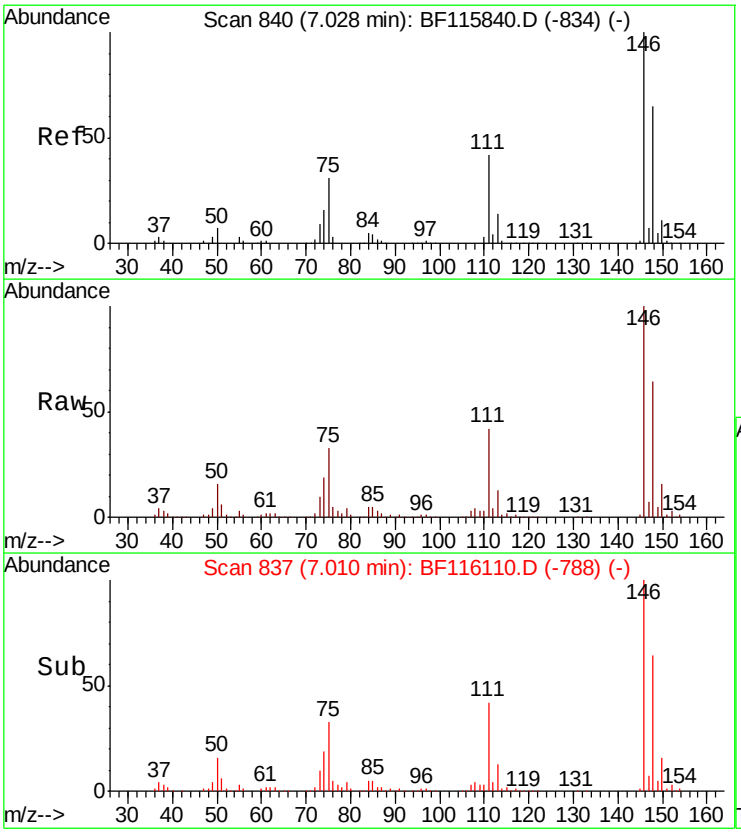
Tgt Ion:146 Resp: 362685

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	40.4	34.0	51.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

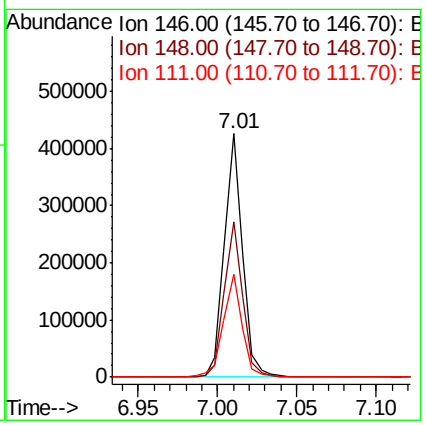
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

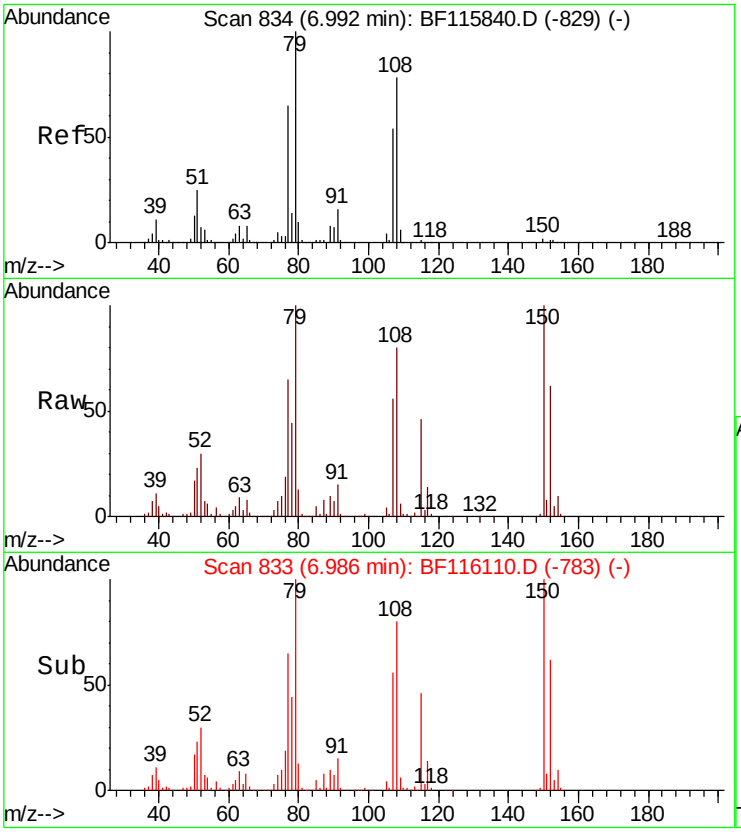


#14
1,2-Dichlorobenzene
Concen: 38.698 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:146 Resp: 338296

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	42.1	33.5	50.3





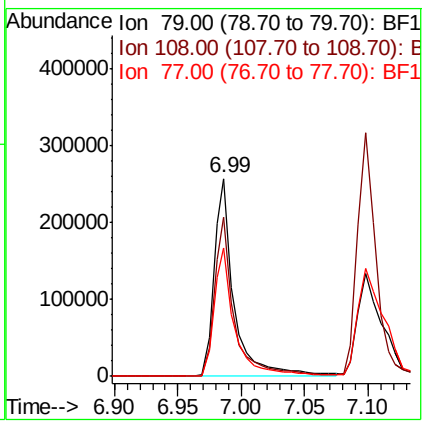
#15
Benzyl Alcohol
Concen: 40.165 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

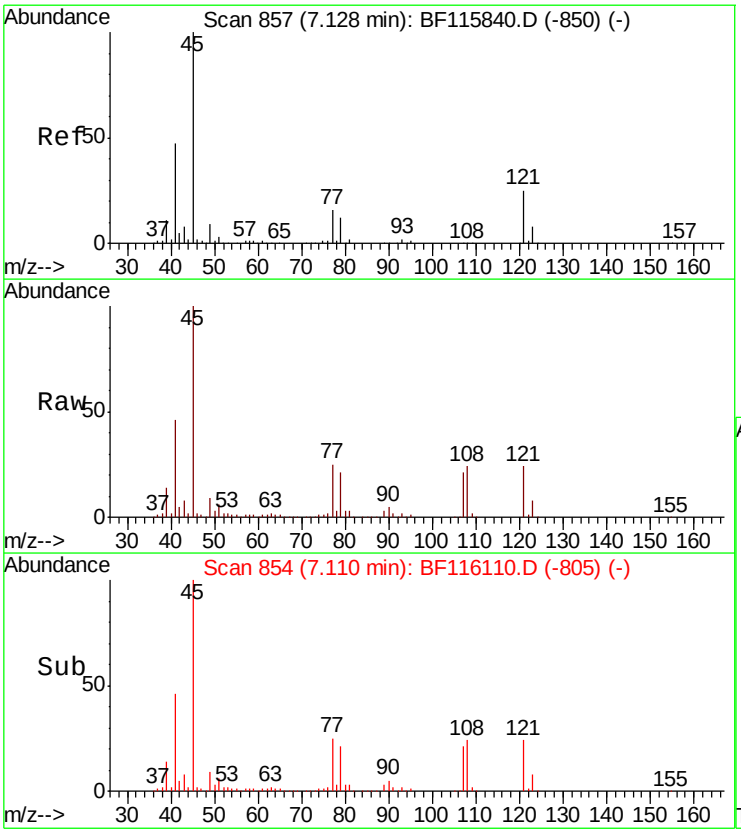
Tgt Ion: 79 Resp: 285333

Ion	Ratio	Lower	Upper
79	100		
108	80.4	62.7	94.1
77	64.8	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

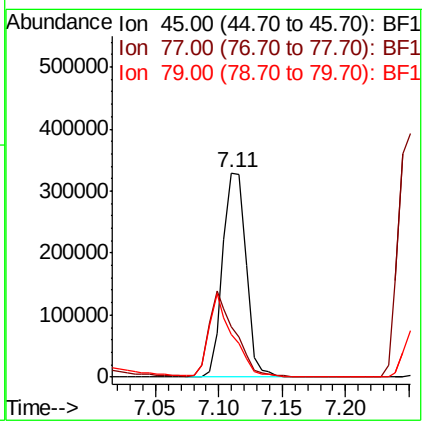


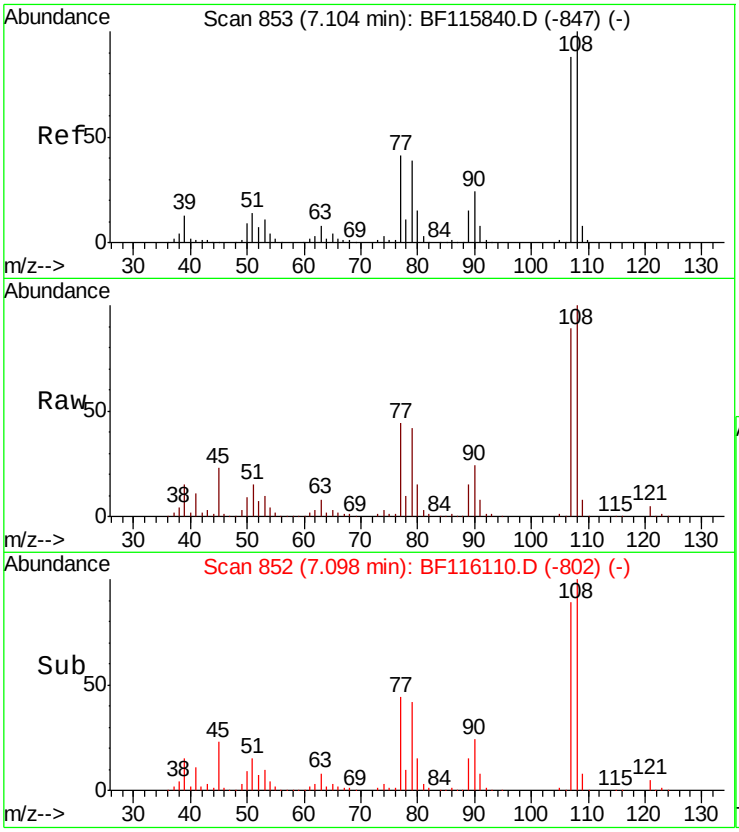


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.151 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 45 Resp: 421745

Ion	Ratio	Lower	Upper
45	100		
77	24.8	0.0	40.0
79	20.7	0.0	35.9

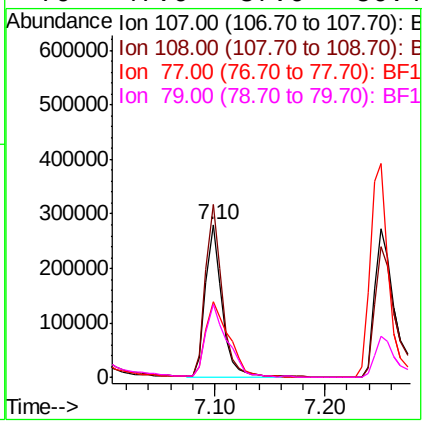




#17
2-Methylphenol
Concen: 40.667 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

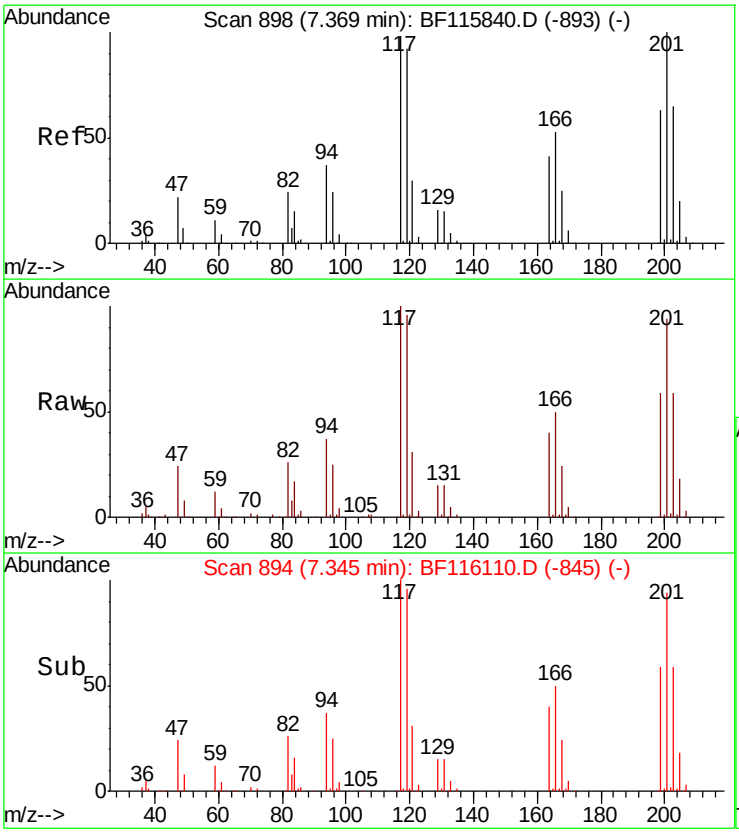
Tgt Ion:107 Resp: 282518

Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.2	136.8
77	49.7	40.3	60.5
79	47.6	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

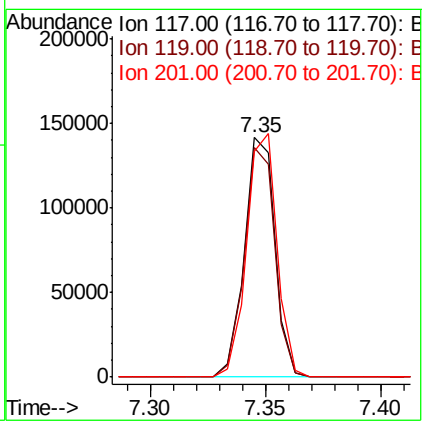
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

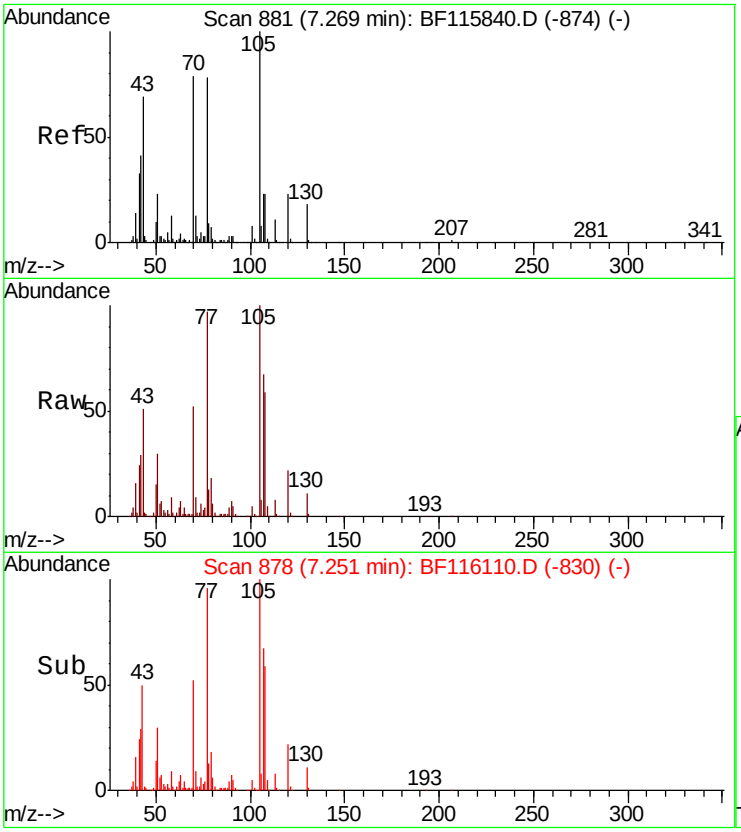


#18
Hexachloroethane
Concen: 37.617 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:117 Resp: 131489

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.1	114.1
201	94.2	77.0	115.4

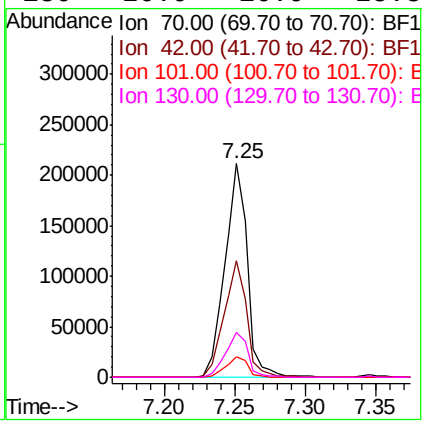




#19
n-Nitroso-di-n-propylamine
Concen: 40.056 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

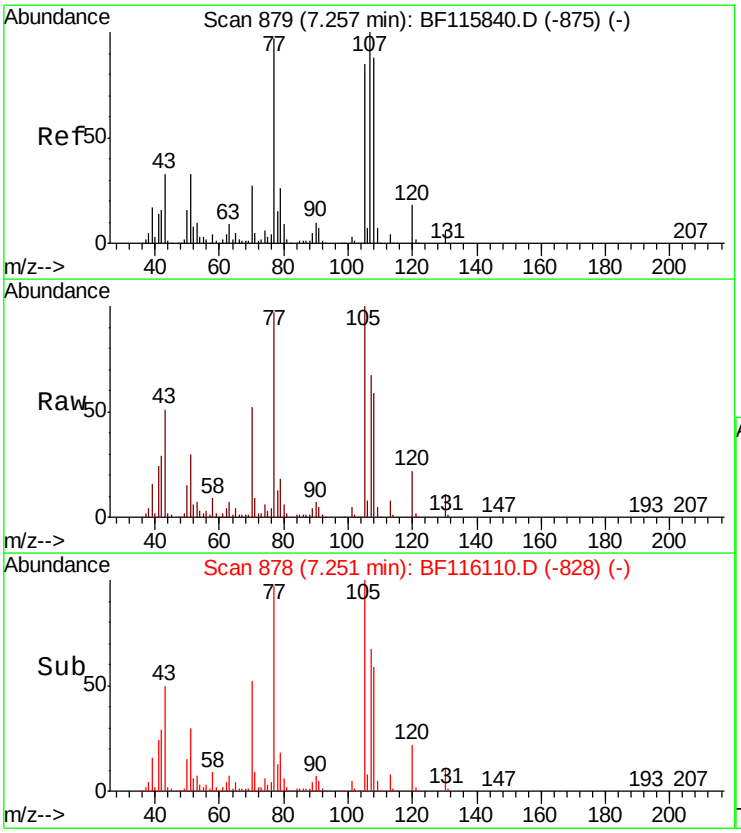
Tgt Ion: 70 Resp: 232361

Ion	Ratio	Lower	Upper
70	100		
42	54.7	40.9	61.3
101	9.5	7.9	11.9
130	20.9	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

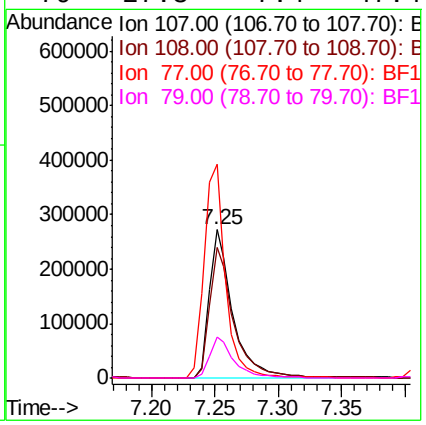
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

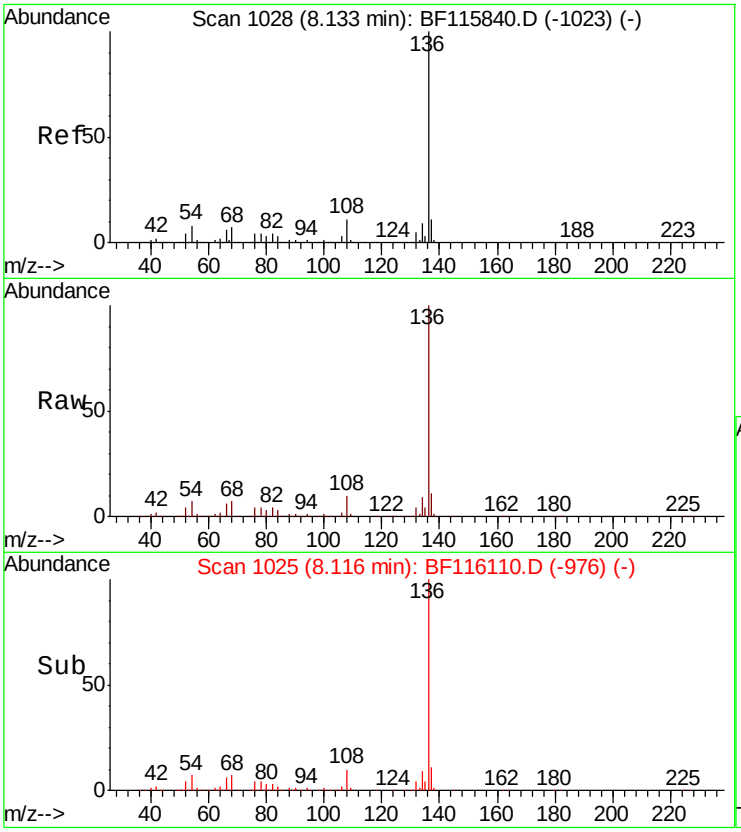


#20
3+4-Methylphenols
Concen: 42.679 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:107 Resp: 350873

Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.6	107.6
77	144.2	104.4	144.4
79	27.3	7.4	47.4

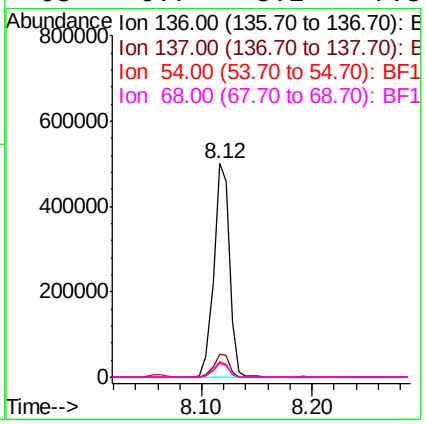




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

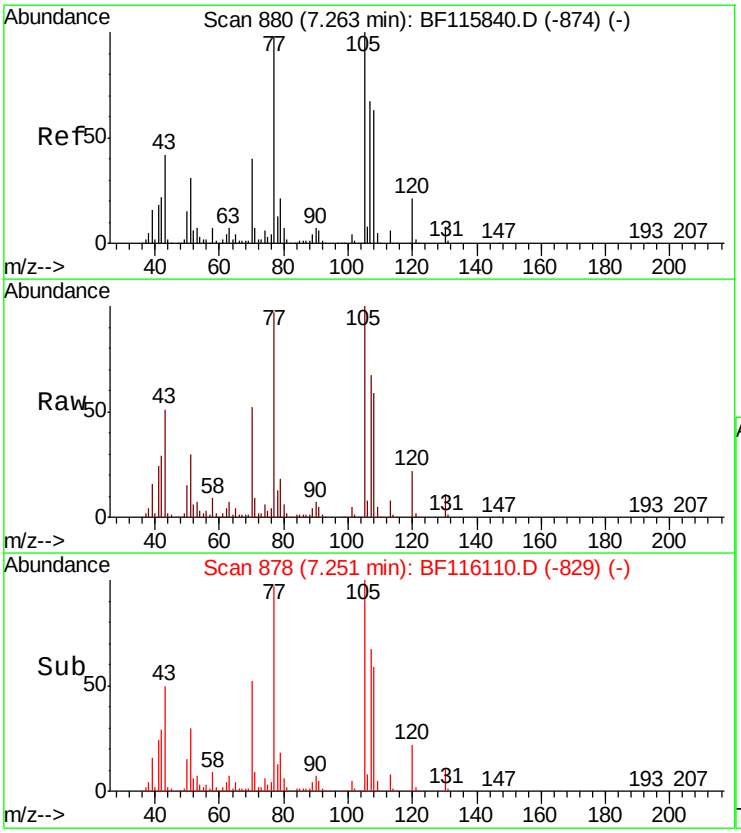
Tgt Ion:136 Resp: 488987

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

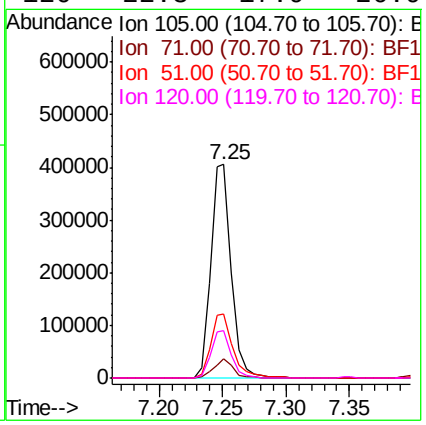
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

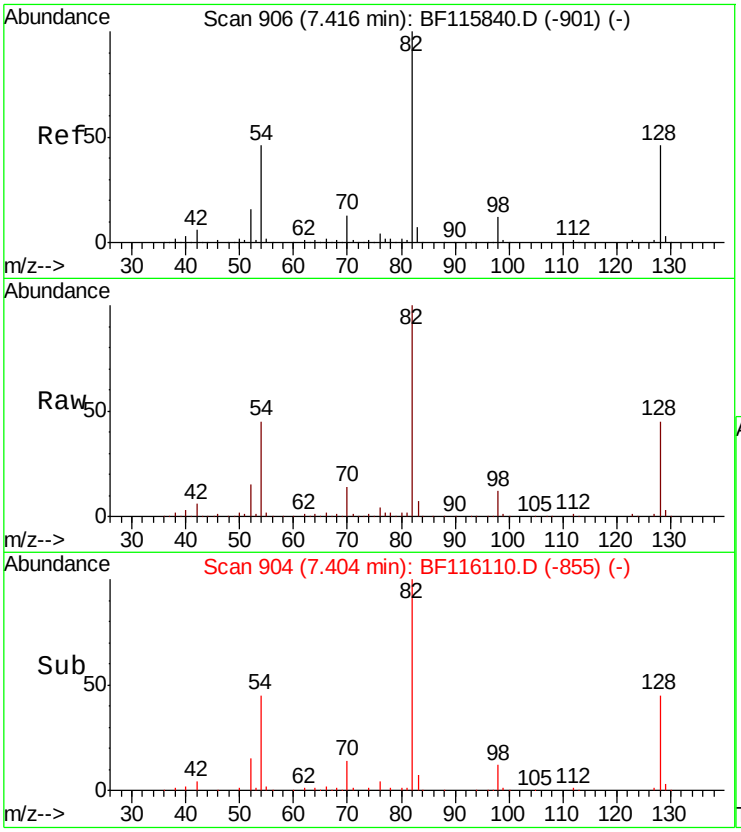


#22
Acetophenone
Concen: 42.836 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:105 Resp: 459377

Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.9	8.9#
51	30.1	25.3	37.9
120	22.3	17.9	26.9

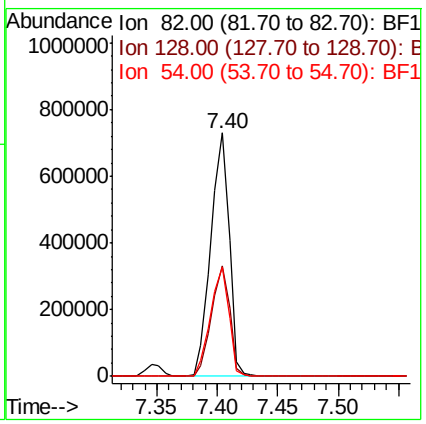




#23
Nitrobenzene-d5
Concen: 90.489 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

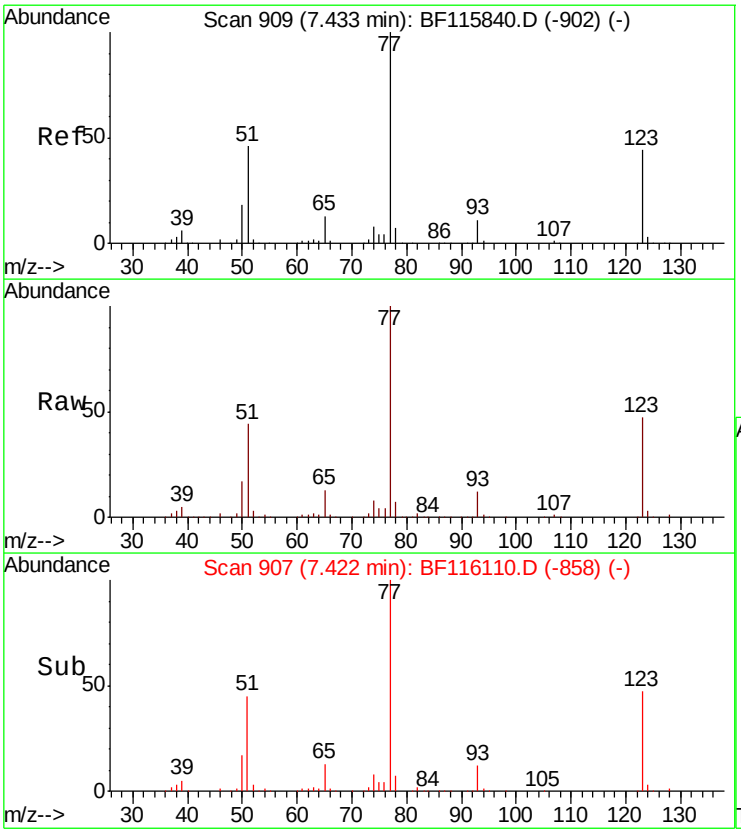
Tgt Ion: 82 Resp: 766559

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.5	54.7
54	45.1	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

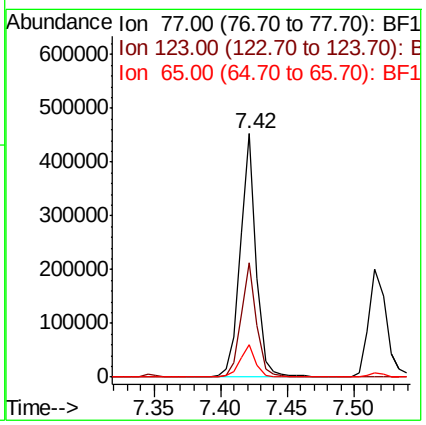
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

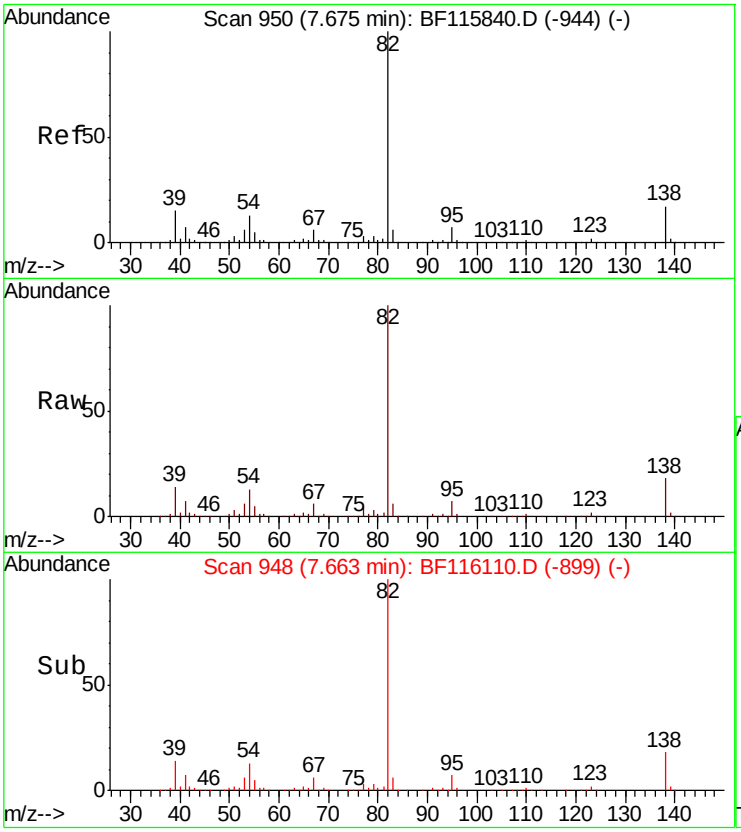


#24
Nitrobenzene
Concen: 40.473 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 77 Resp: 370202

Ion	Ratio	Lower	Upper
77	100		
123	47.0	36.7	55.1
65	13.3	10.6	16.0

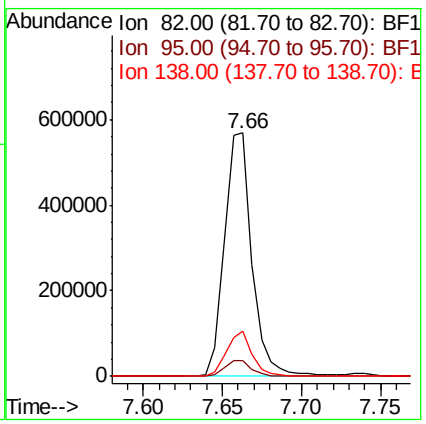




#25
Isophorone
Concen: 42.100 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

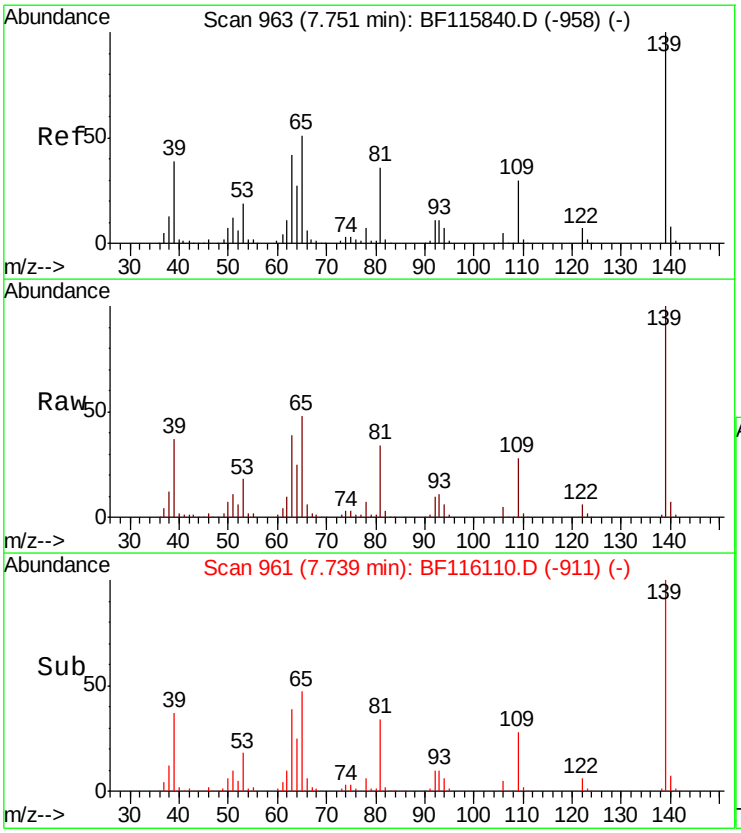
Tgt Ion: 82 Resp: 681951

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	18.5	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

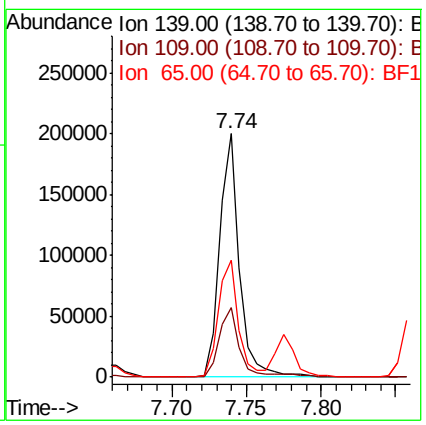
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

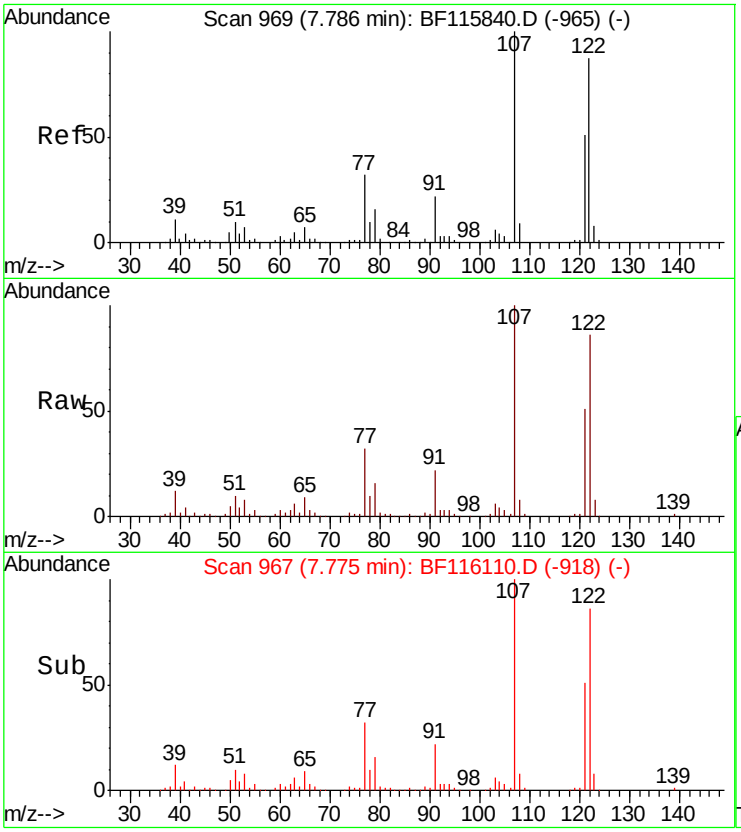


#26
2-Nitrophenol
Concen: 43.444 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:139 Resp: 187318

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.4	35.2
65	47.8	41.1	61.7

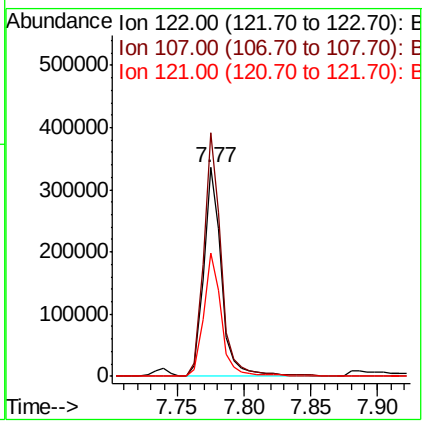




#27
2,4-Dimethylphenol
Concen: 47.906 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

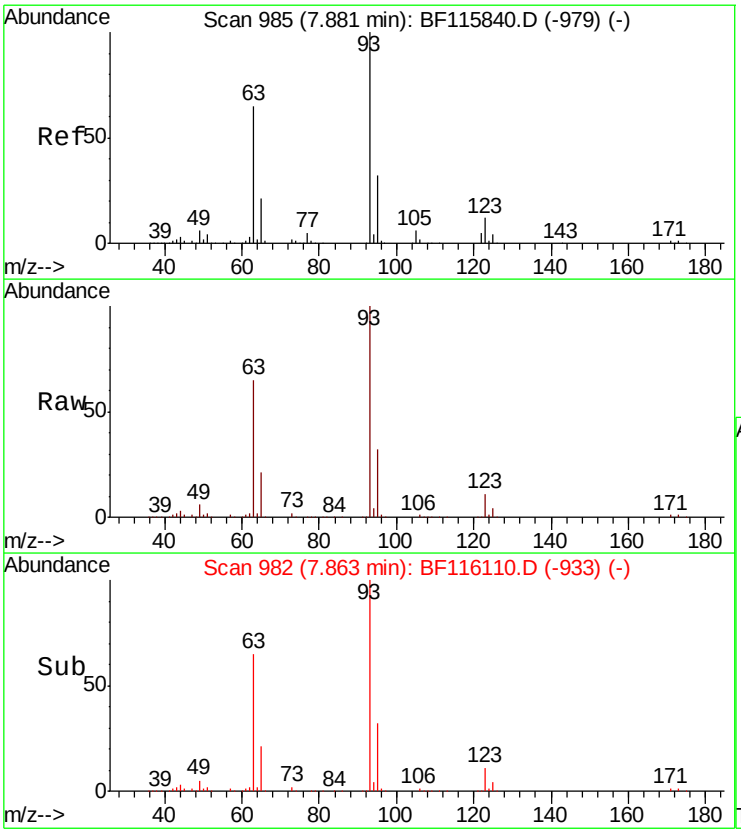
Tgt Ion:122 Resp: 310764

Ion	Ratio	Lower	Upper
122	100		
107	116.8	93.0	139.6
121	59.1	47.6	71.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

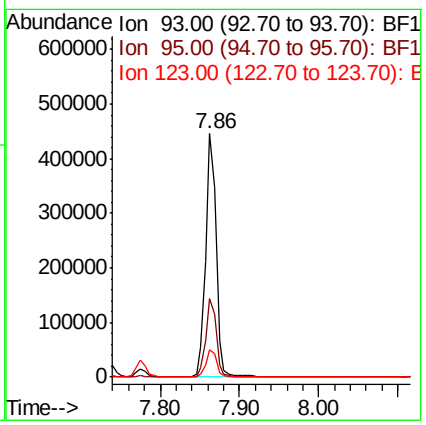
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

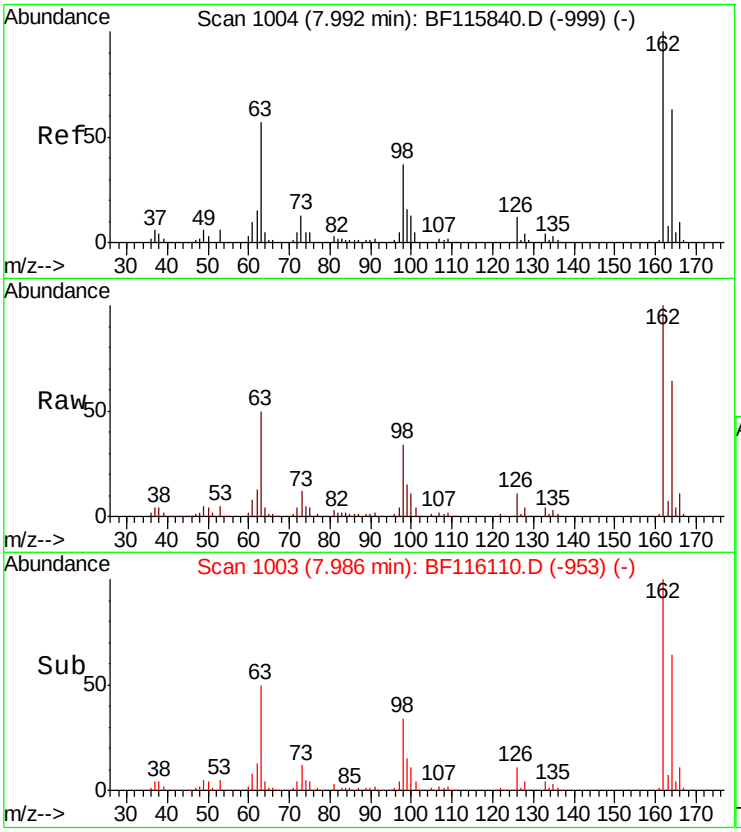


#28
bis(2-Chloroethoxy)methane
Concen: 41.316 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 93 Resp: 414809

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	11.1	9.2	13.8

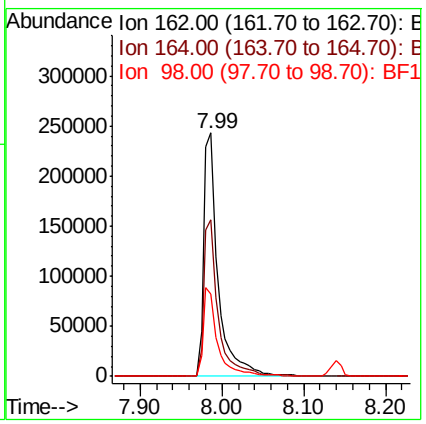




#29
2,4-Dichlorophenol
Concen: 43.875 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

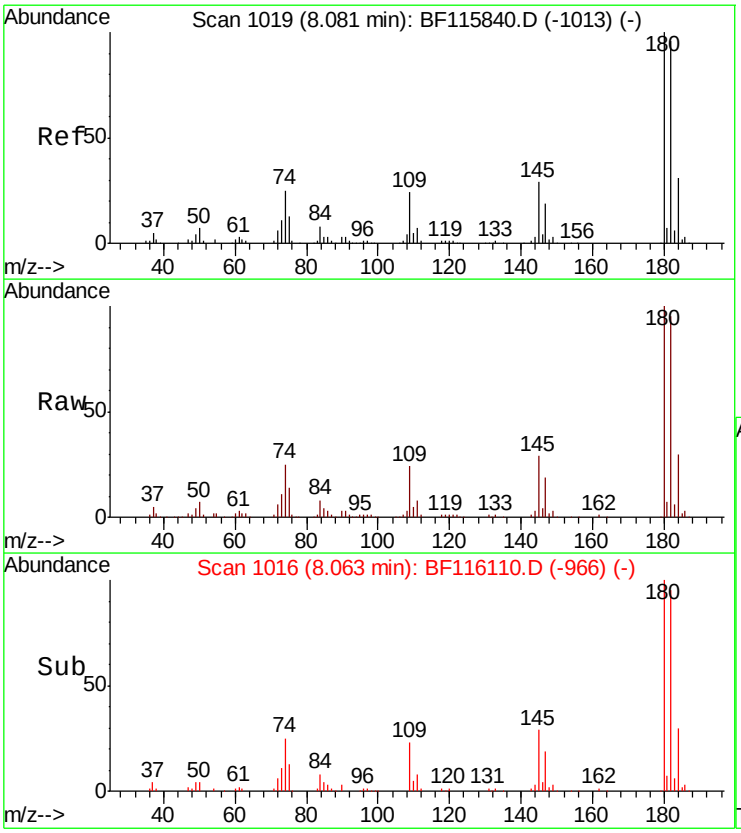
Tgt Ion:162 Resp: 300511

Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.1	85.1
98	34.0	15.8	55.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

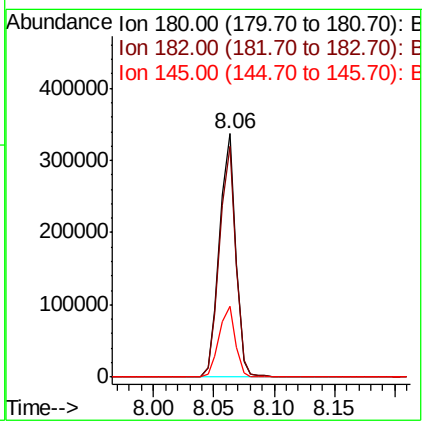
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

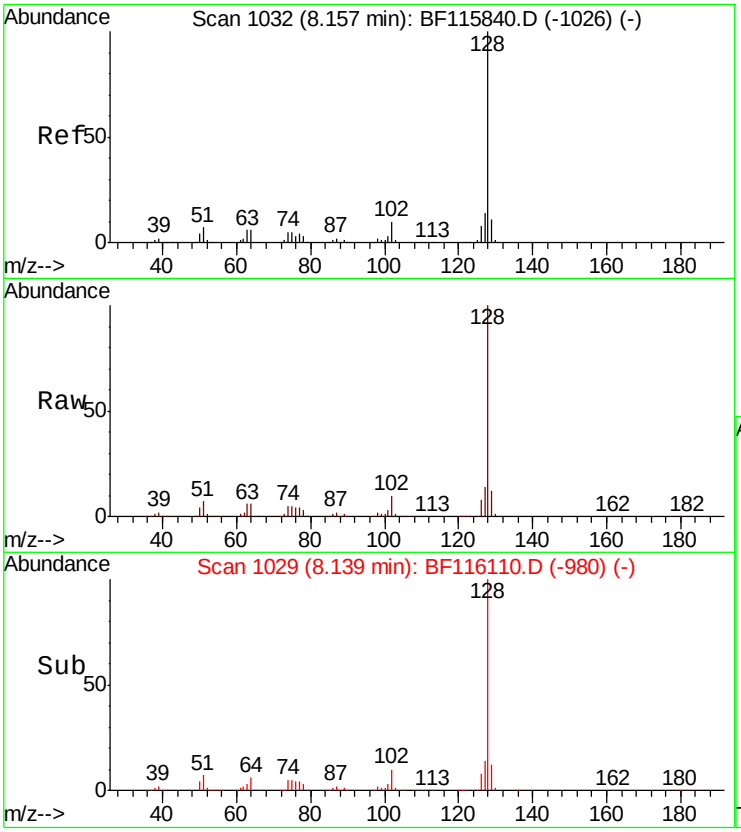


#30
1,2,4-Trichlorobenzene
Concen: 40.160 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:180 Resp: 313549

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.7	113.5
145	29.3	24.3	36.5

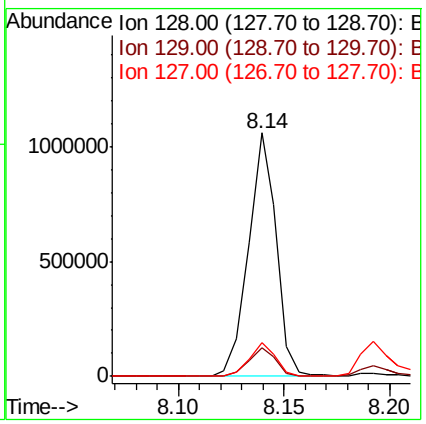




#31
Naphthalene
Concen: 42.111 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

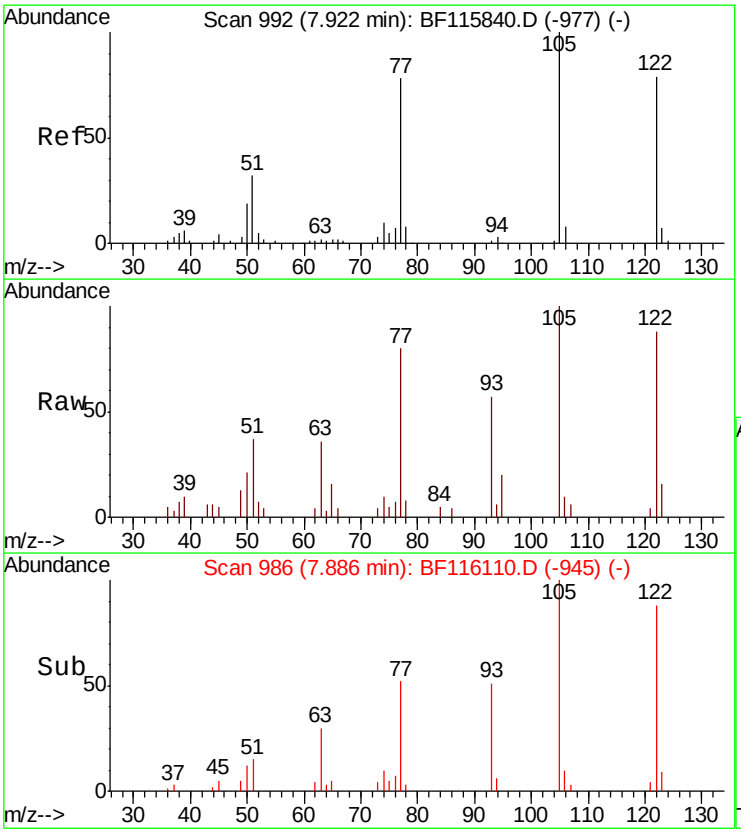
Tgt Ion:128 Resp: 969000

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.9	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

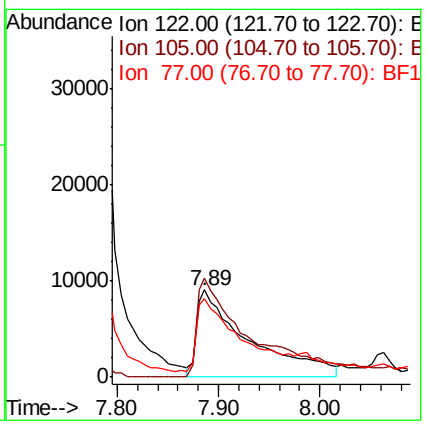
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

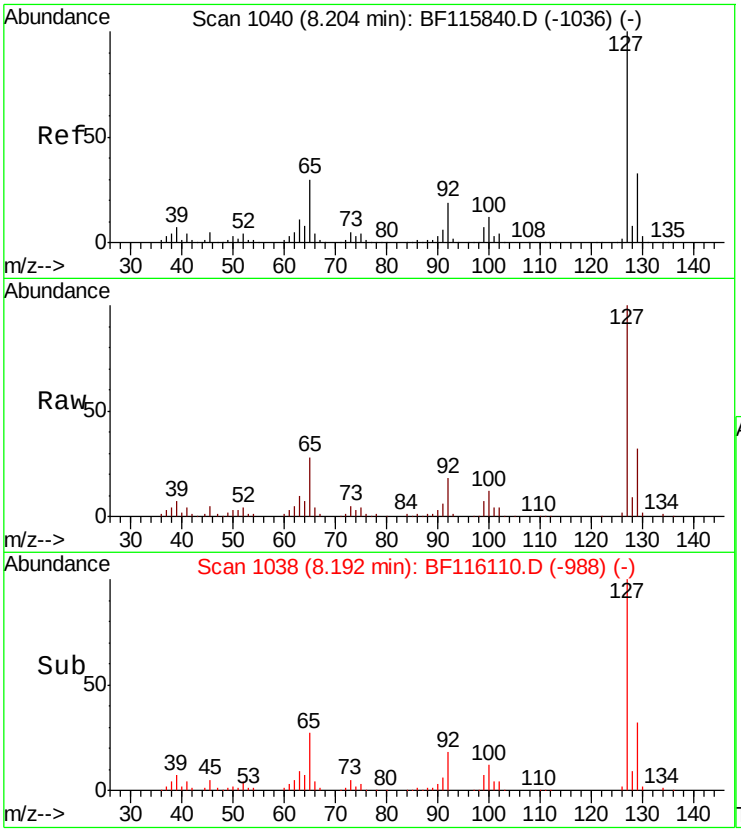


#32
Benzoic acid
Concen: 7.035 ng m
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:122 Resp: 32174

Ion	Ratio	Lower	Upper
122	100		
105	113.3	106.1	146.1
77	90.4	76.7	116.7

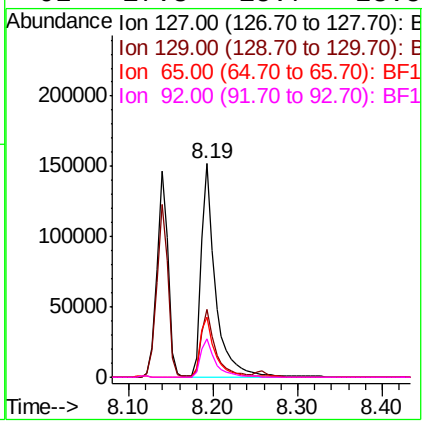




#33
4-Chloroaniline
Concen: 17.423 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

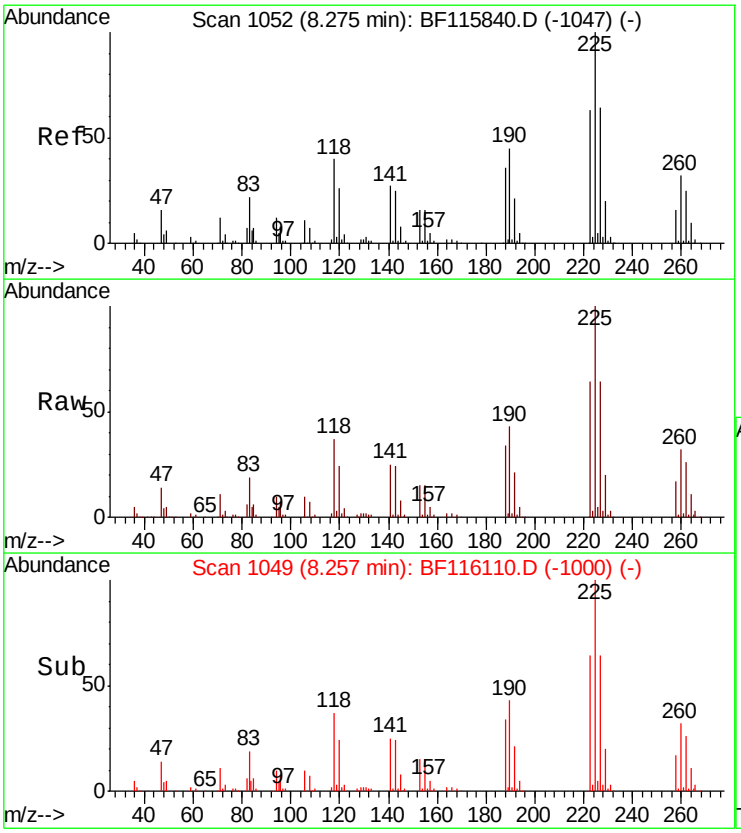
Tgt Ion:127 Resp: 179137

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	28.1	24.9	37.3
92	17.8	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

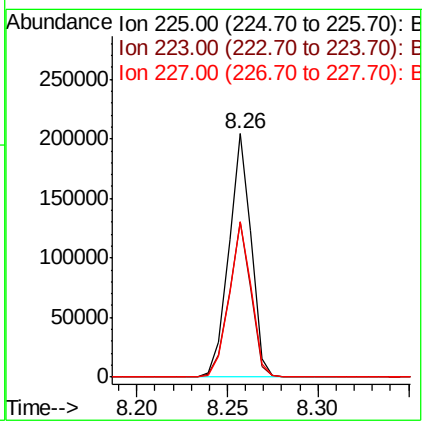
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

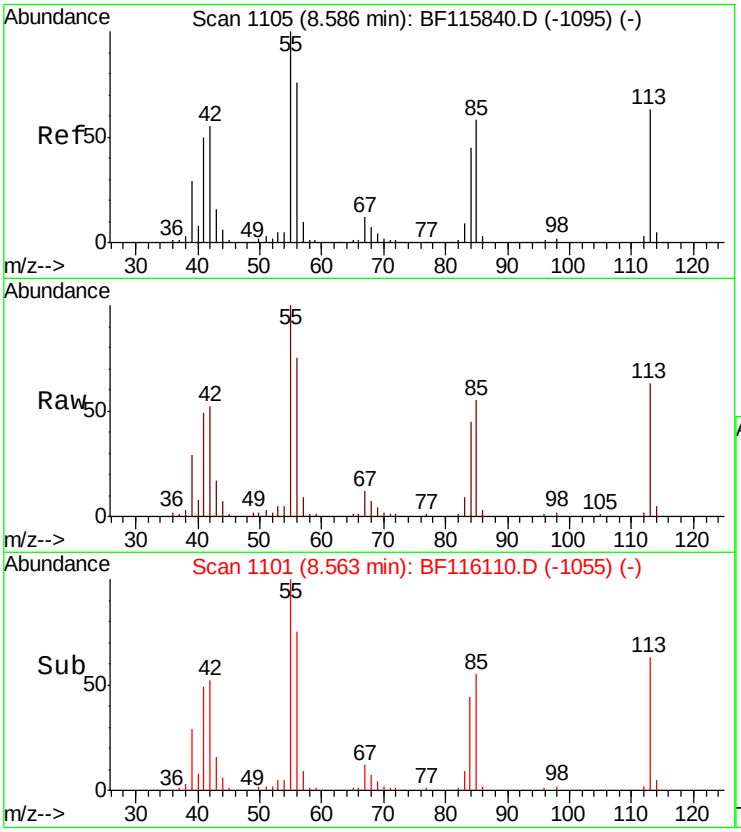


#34
Hexachlorobutadiene
Concen: 38.802 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:225 Resp: 174498

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.7	51.0	76.4

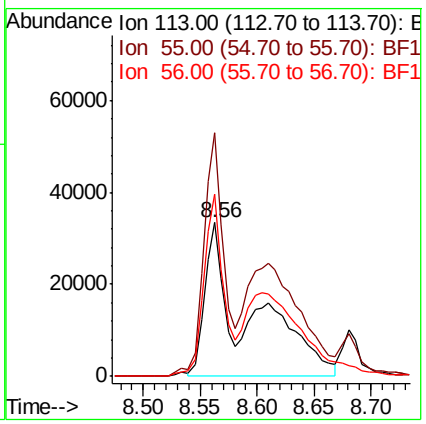




#35
Caprolactam
Concen: 40.480 ng m
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

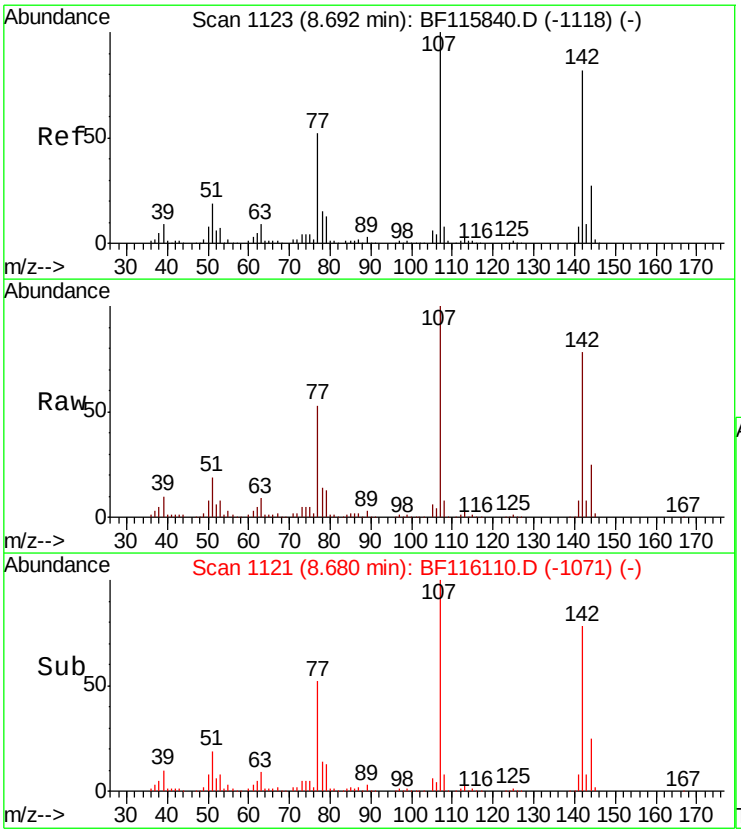
Tgt Ion:113 Resp: 89673

Ion	Ratio	Lower	Upper
113	100		
55	158.3	144.3	184.3
56	118.8	97.1	137.1



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

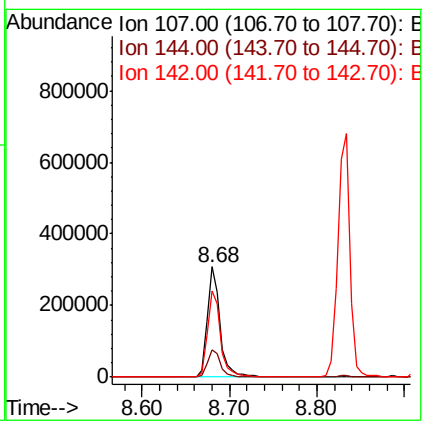
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

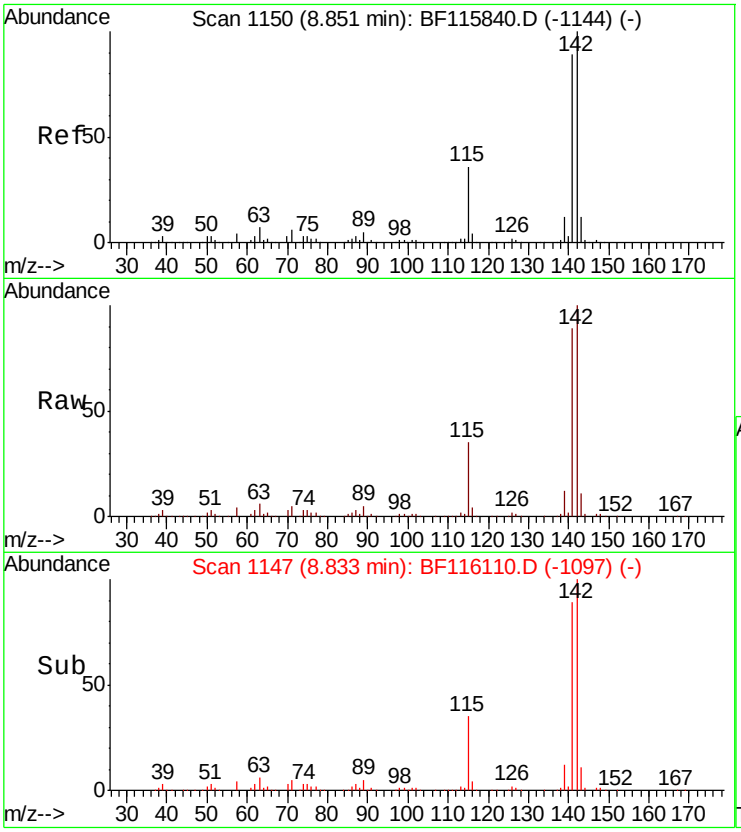


#36
4-Chloro-3-methylphenol
Concen: 44.251 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:107 Resp: 315312

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	78.2	61.7	92.5

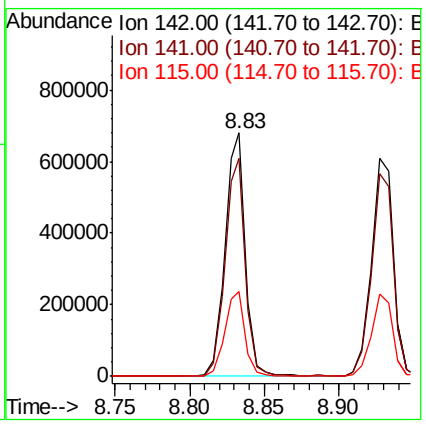




#37
2-Methylnaphthalene
Concen: 43.095 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

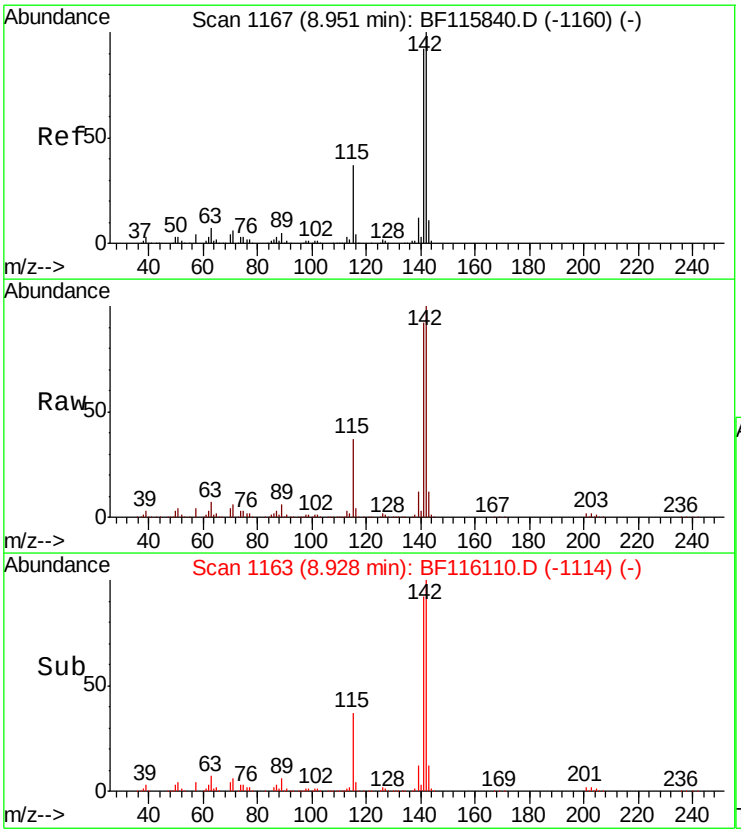
Tgt Ion:142 Resp: 653085

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	34.7	29.0	43.6



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

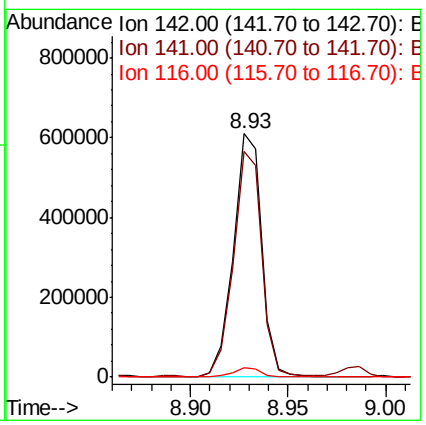
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

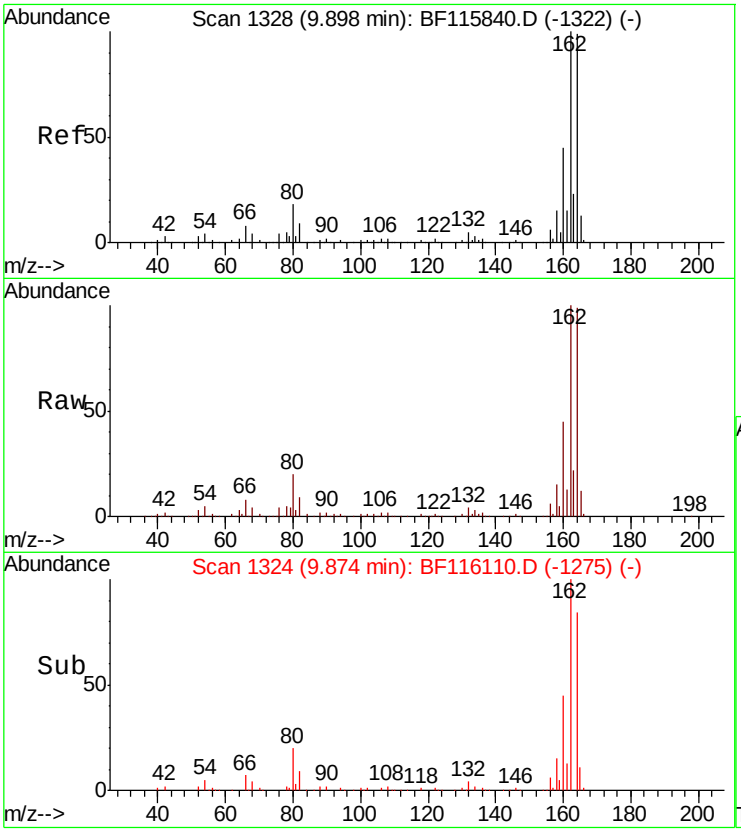


#38
1-Methylnaphthalene
Concen: 42.535 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:142 Resp: 609809

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.4	111.6
116	3.9	3.1	4.7

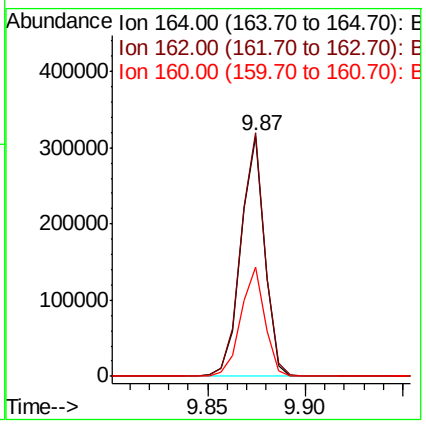




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

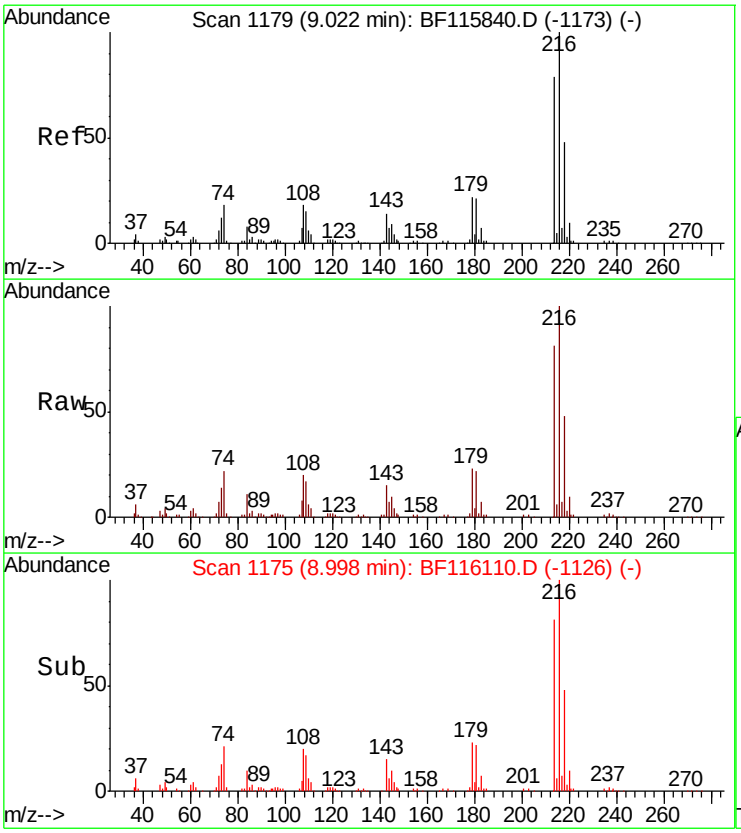
Tgt Ion:164 Resp: 266024

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.5	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

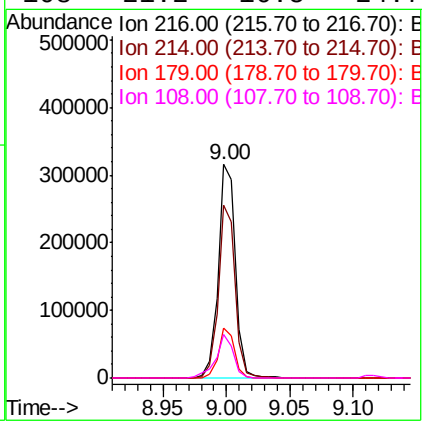
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

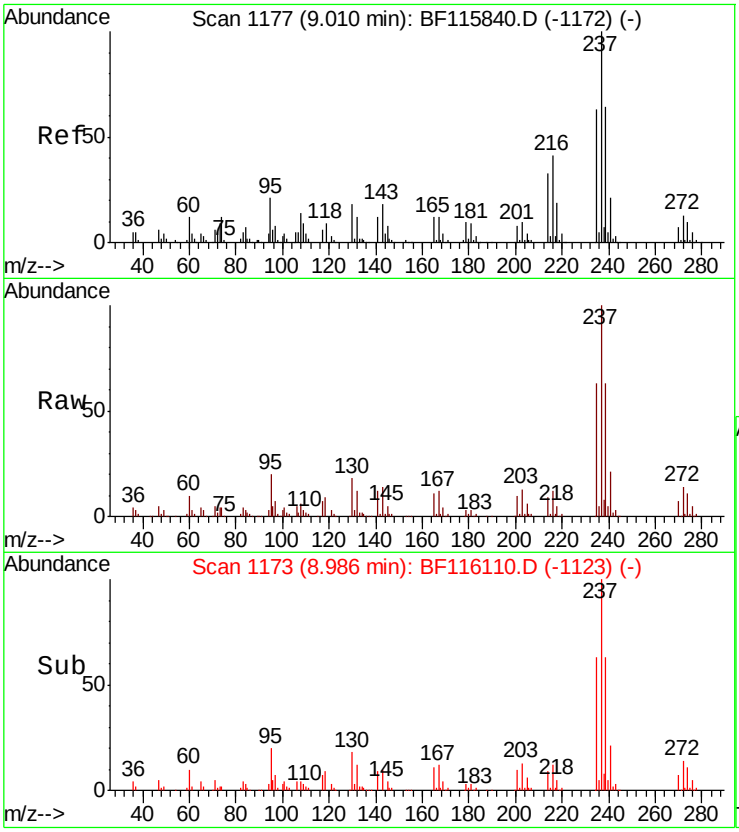


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.177 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:216 Resp: 299956

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	22.1	17.8	26.8
108	21.2	16.5	24.7

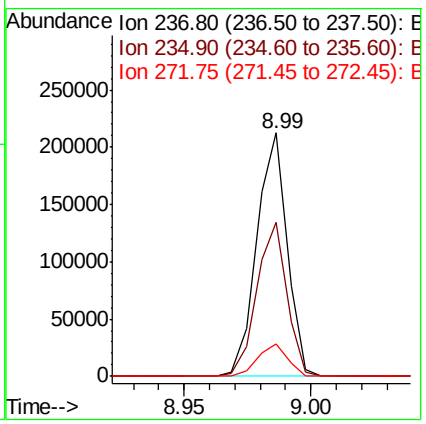




#41
Hexachlorocyclopentadiene
Concen: 57.590 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

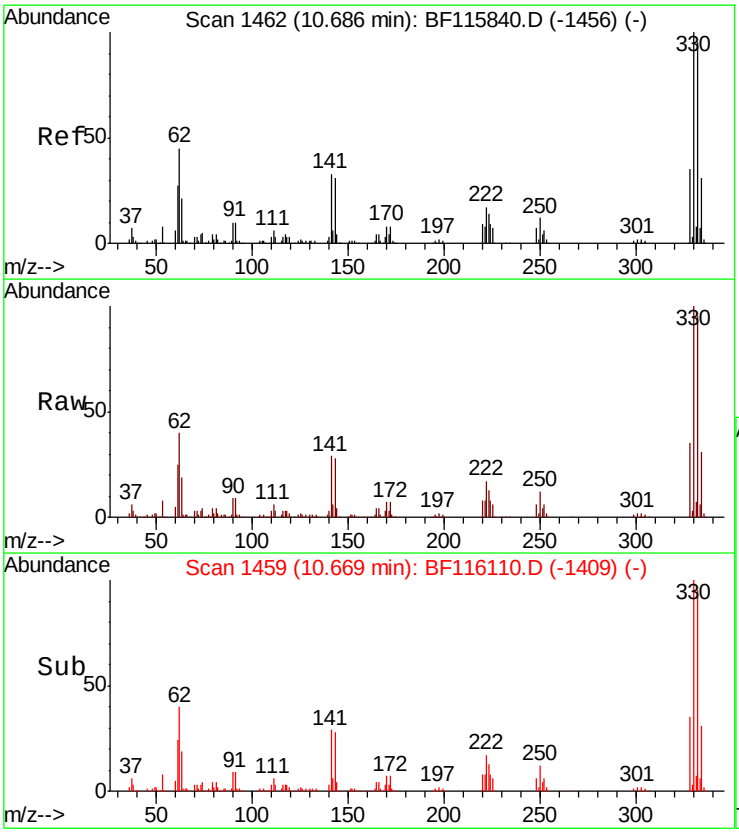
Tgt Ion:237 Resp: 178151

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.4	83.4
272	13.6	0.0	33.2



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

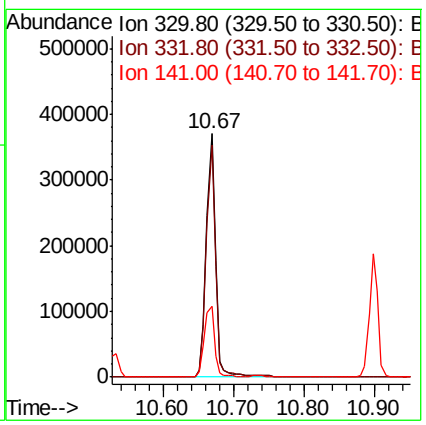
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

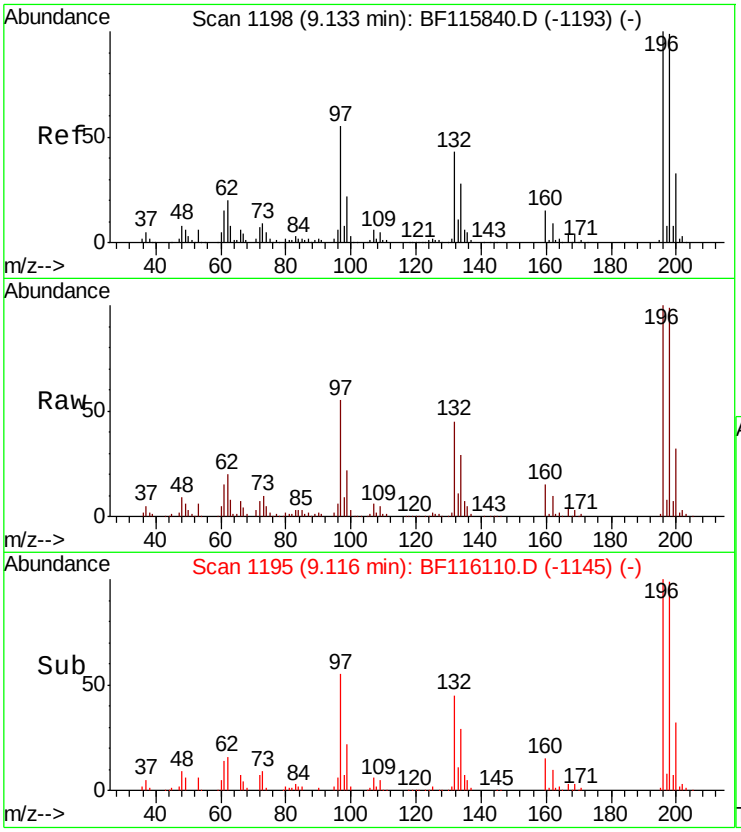


#42
2,4,6-Tribromophenol
Concen: 133.711 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:330 Resp: 344864

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	31.7	26.3	39.5

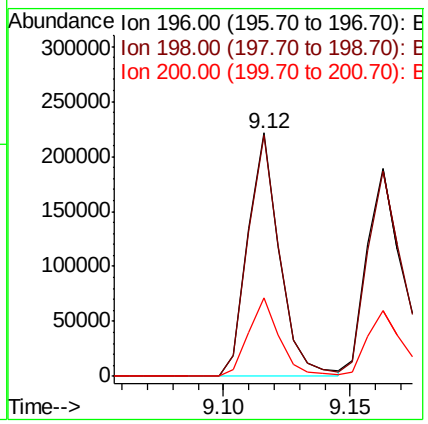




#43
2,4,6-Trichlorophenol
Concen: 39.642 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

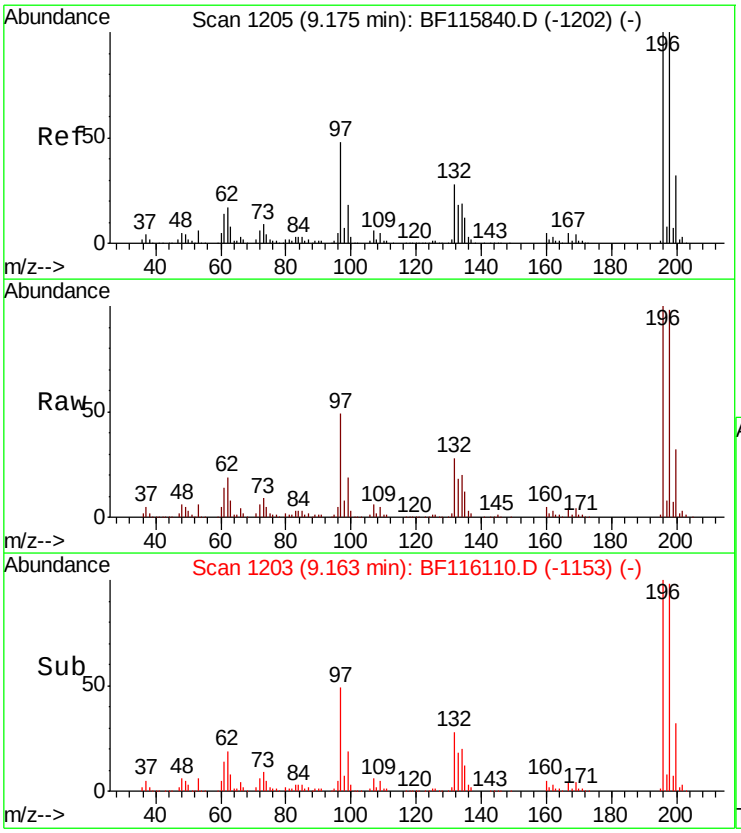
Tgt Ion:196 Resp: 194055

Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.2	118.8
200	32.1	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

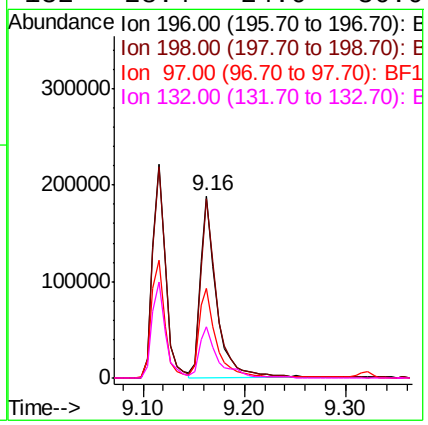
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

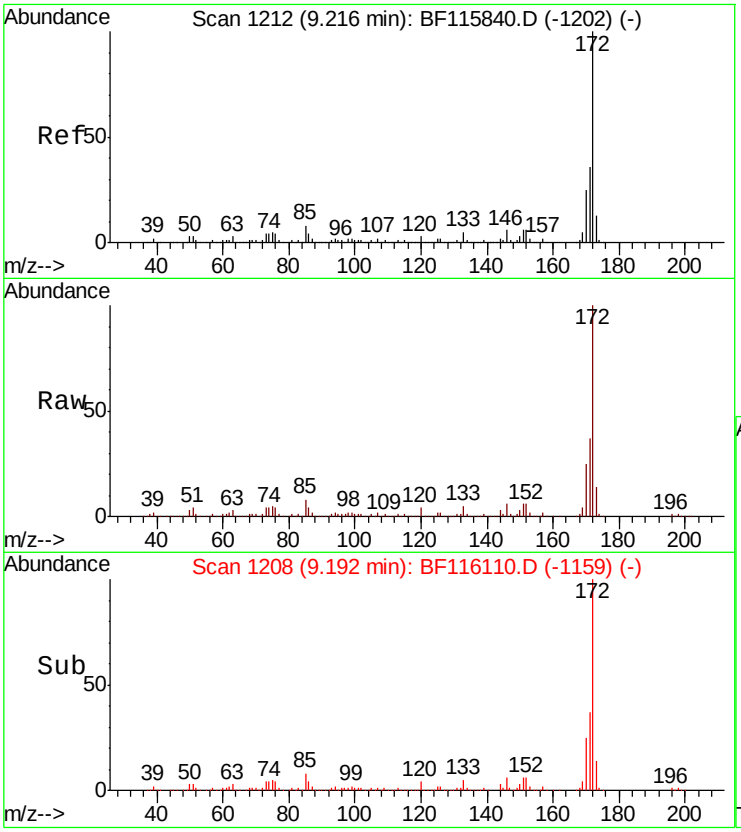


#44
2,4,5-Trichlorophenol
Concen: 41.398 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:196 Resp: 209482

Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.8	118.2
97	49.3	42.2	63.4
132	28.4	24.0	36.0

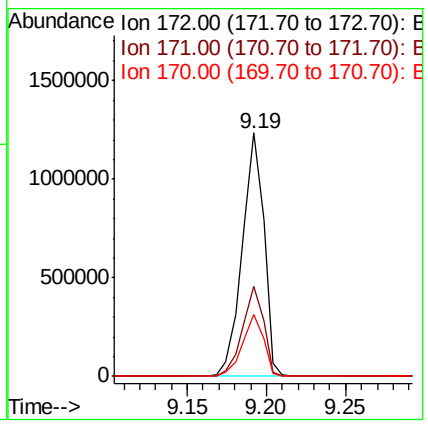




#45
2-Fluorobiphenyl
Concen: 82.207 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

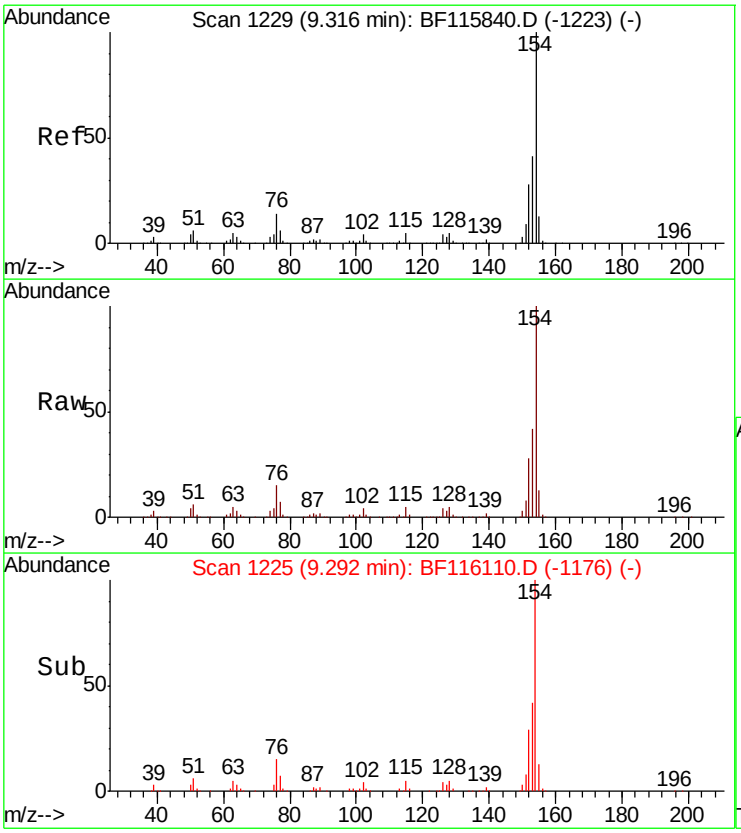
Tgt Ion:172 Resp: 1167550

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

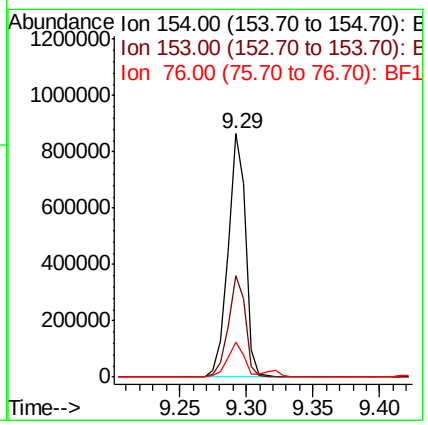
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

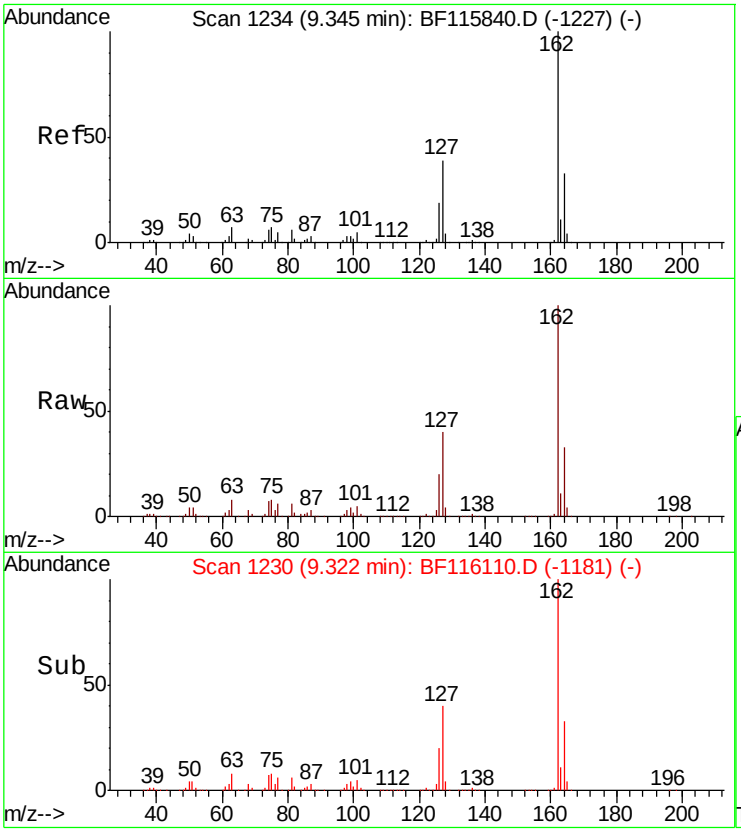


#46
1,1'-Biphenyl
Concen: 42.792 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:154 Resp: 803691

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.4	61.4
76	14.6	0.0	35.2

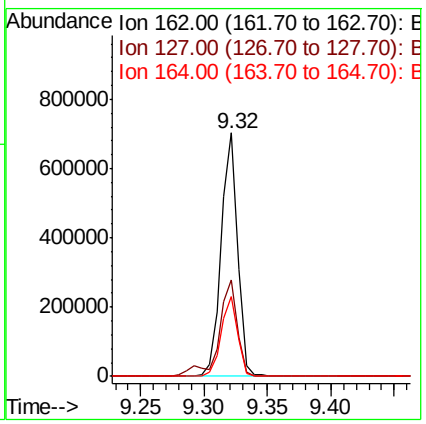




#47
2-Chloronaphthalene
Concen: 40.658 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

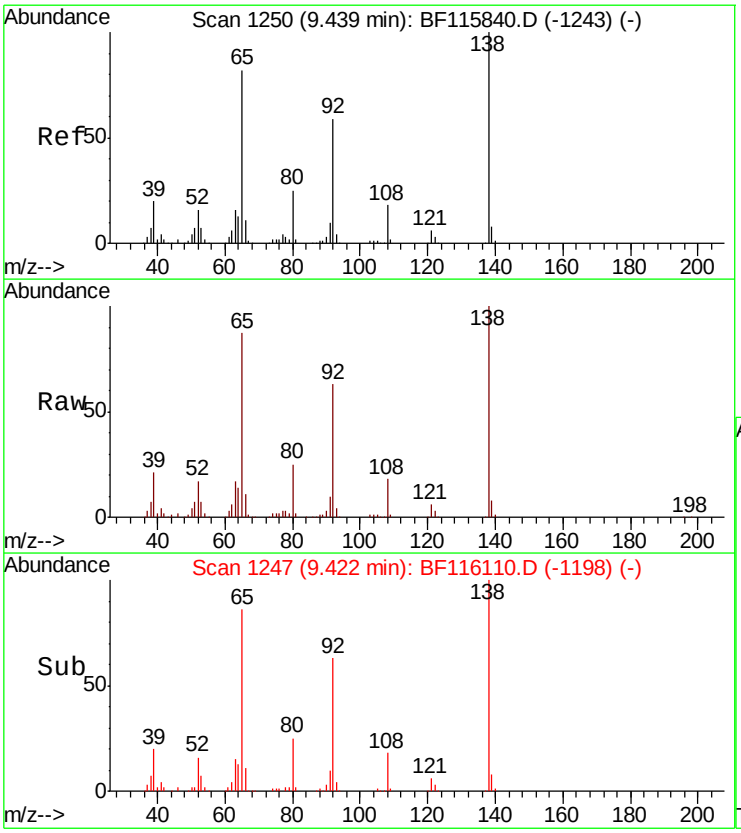
Tgt Ion:162 Resp: 635542

Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.8	49.2
164	33.0	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

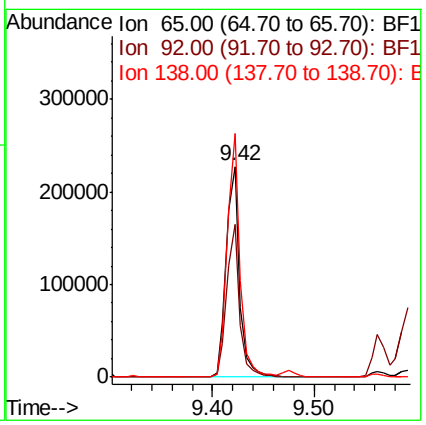
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

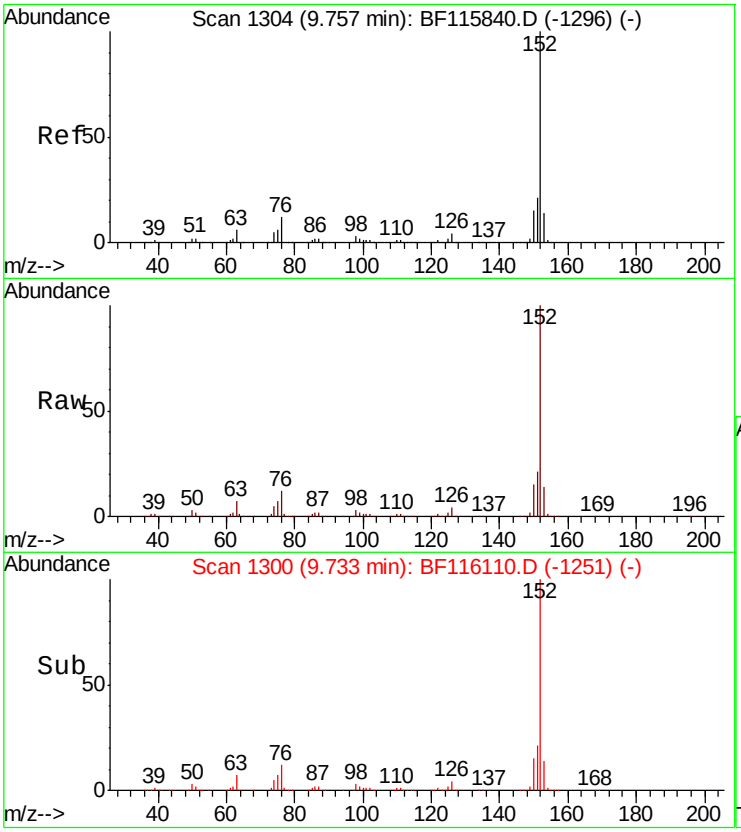


#48
2-Nitroaniline
Concen: 40.723 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 65 Resp: 210407

Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.8	86.8
138	115.5	94.0	141.0

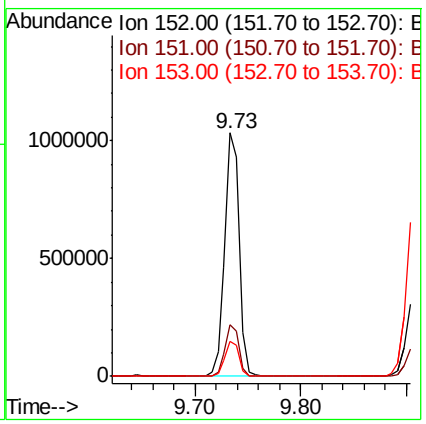




#49
Acenaphthylene
Concen: 43.014 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

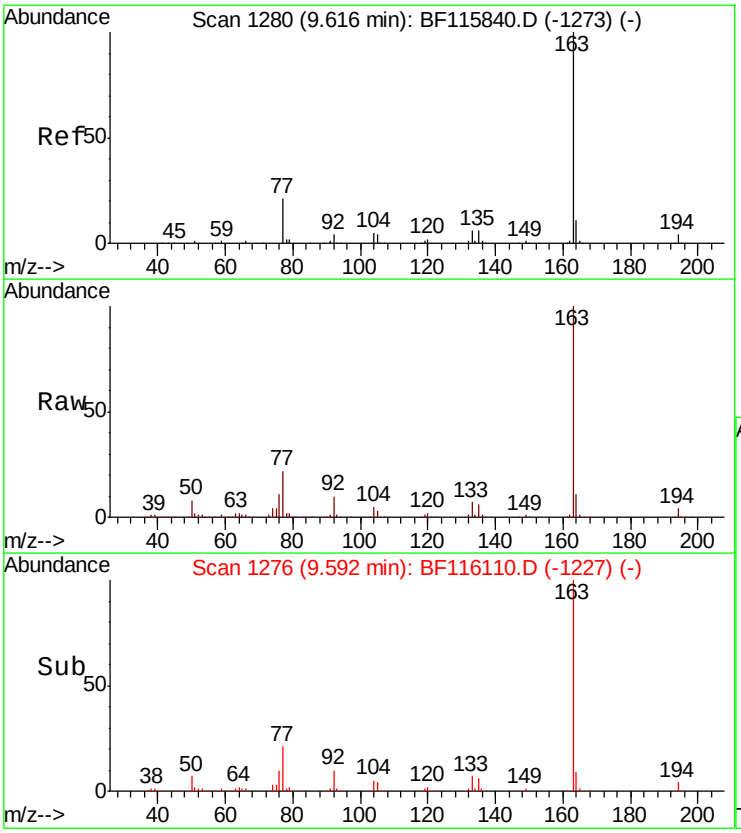
Tgt Ion:152 Resp: 980941

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.2	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

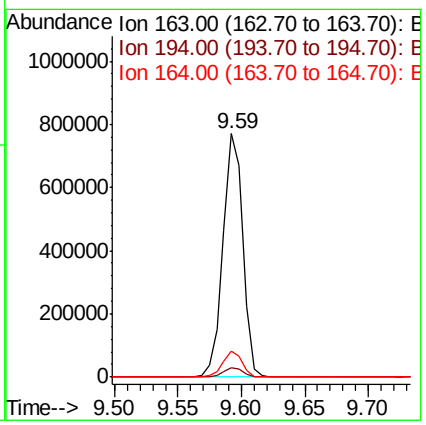
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

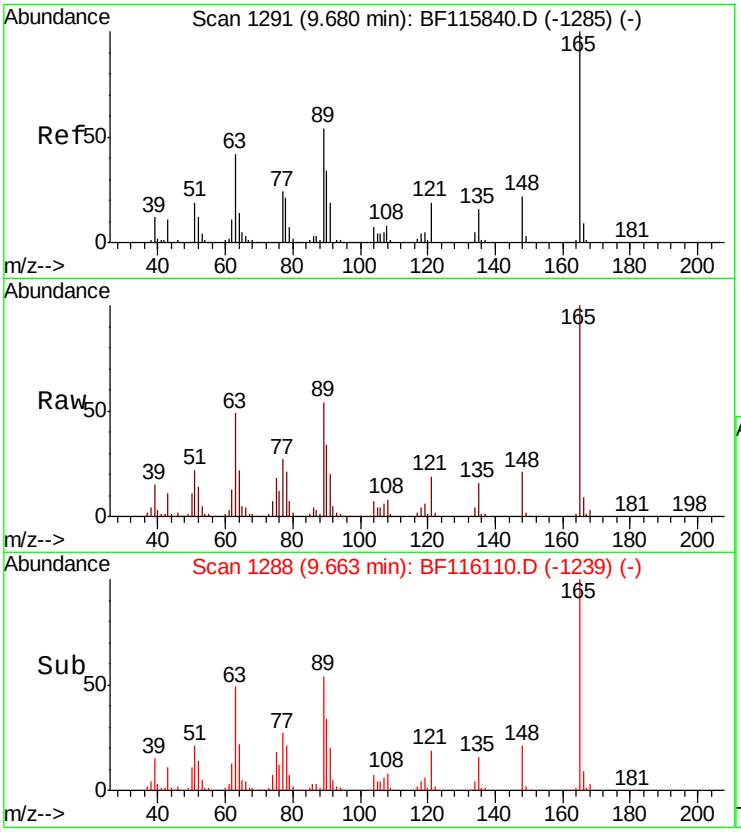


#50
Dimethylphthalate
Concen: 45.989 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:163 Resp: 833017

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.6	8.4	12.6

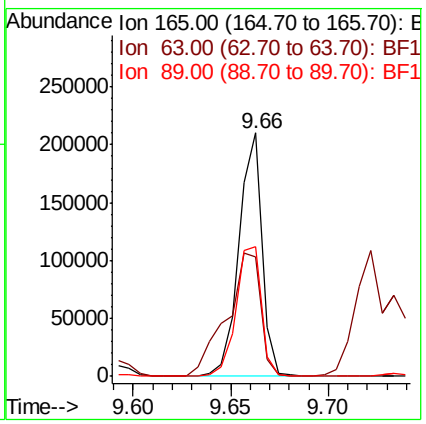




#51
2,6-Dinitrotoluene
Concen: 43.912 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

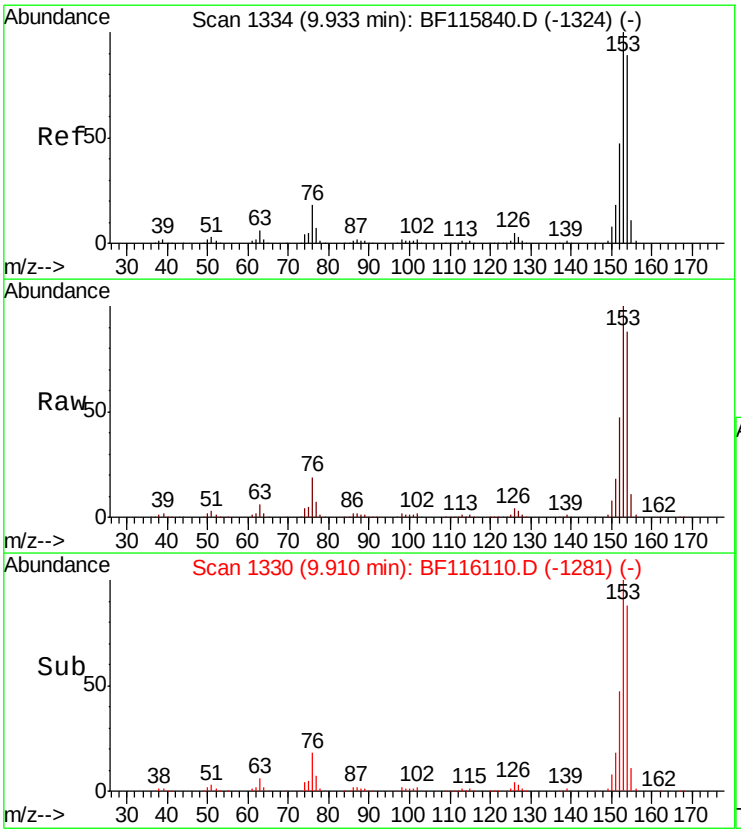
Tgt Ion:165 Resp: 172851

Ion	Ratio	Lower	Upper
165	100		
63	49.0	38.2	57.2
89	53.5	42.9	64.3



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

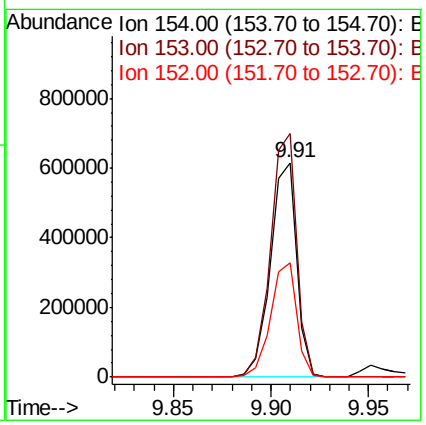
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

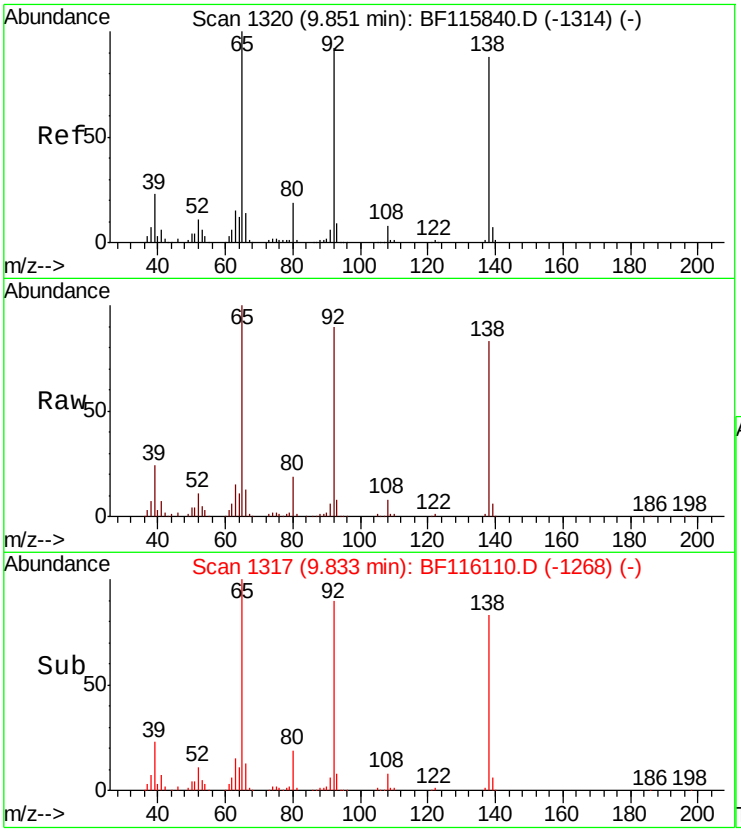


#52
Acenaphthene
Concen: 41.155 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:154 Resp: 575783

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.4	134.0
152	53.4	42.3	63.5

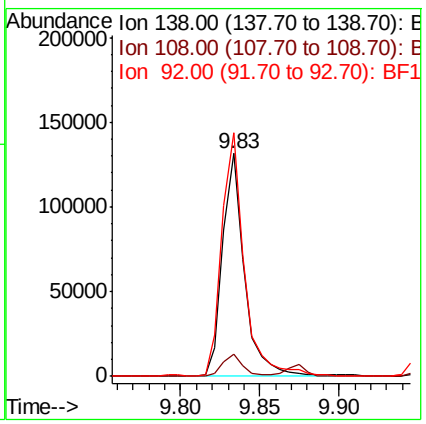




#53
3-Nitroaniline
Concen: 25.914 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

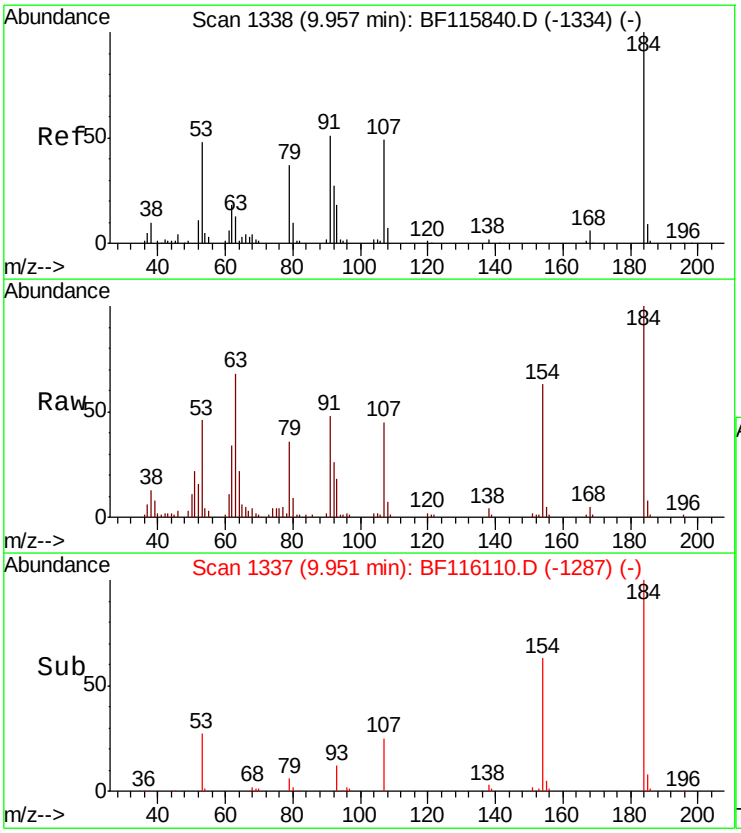
Tgt Ion:138 Resp: 126040

Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	109.3	91.0	136.6



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

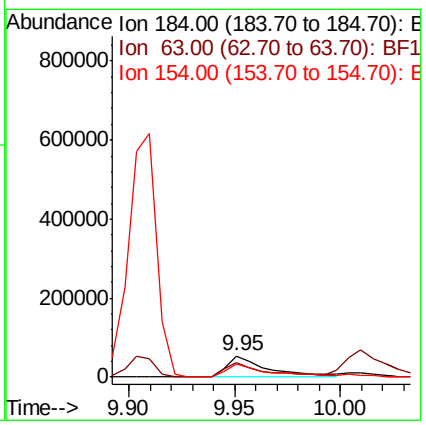
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

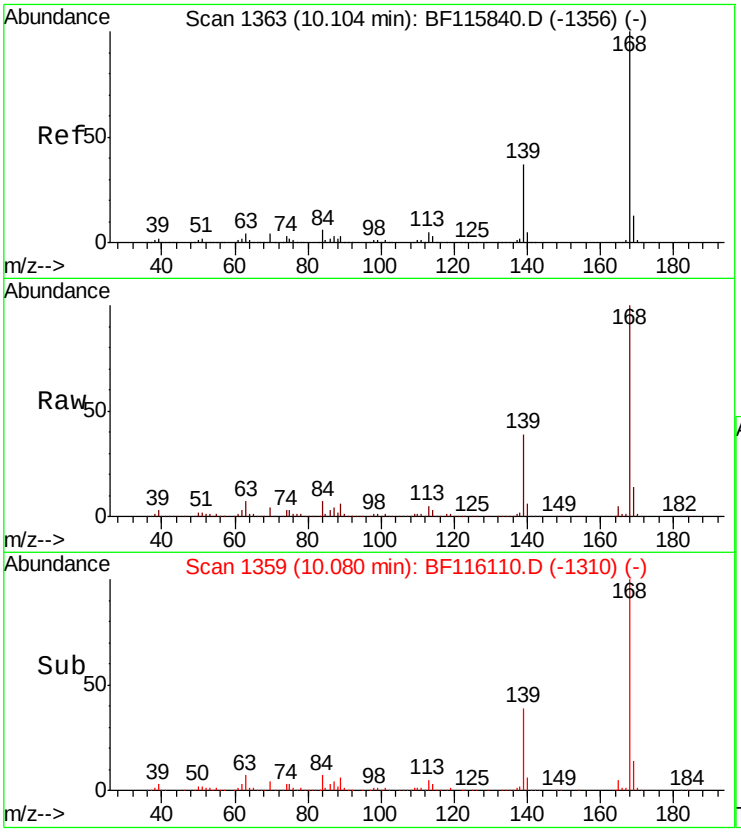


#54
2,4-Dinitrophenol
Concen: 40.841 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:184 Resp: 73281

Ion	Ratio	Lower	Upper
184	100		
63	68.1	53.0	79.4
154	63.0	50.1	75.1

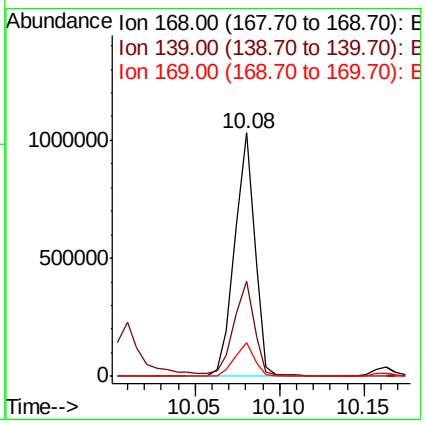




#55
Dibenzofuran
Concen: 41.991 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

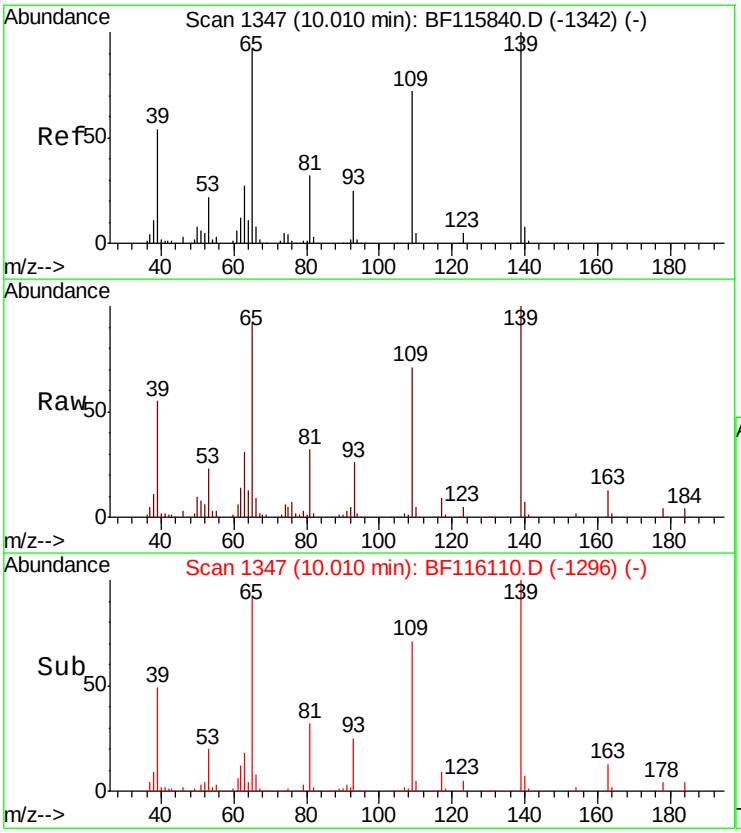
Tgt Ion:168 Resp: 854341

Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.4	47.2
169	13.7	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

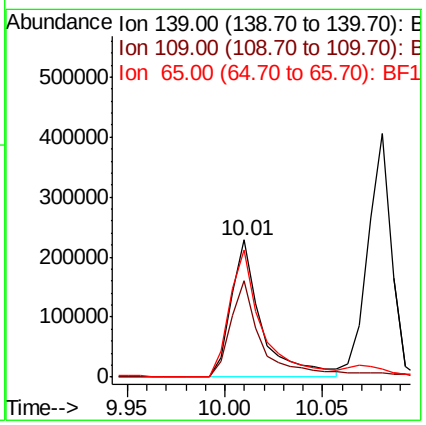
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

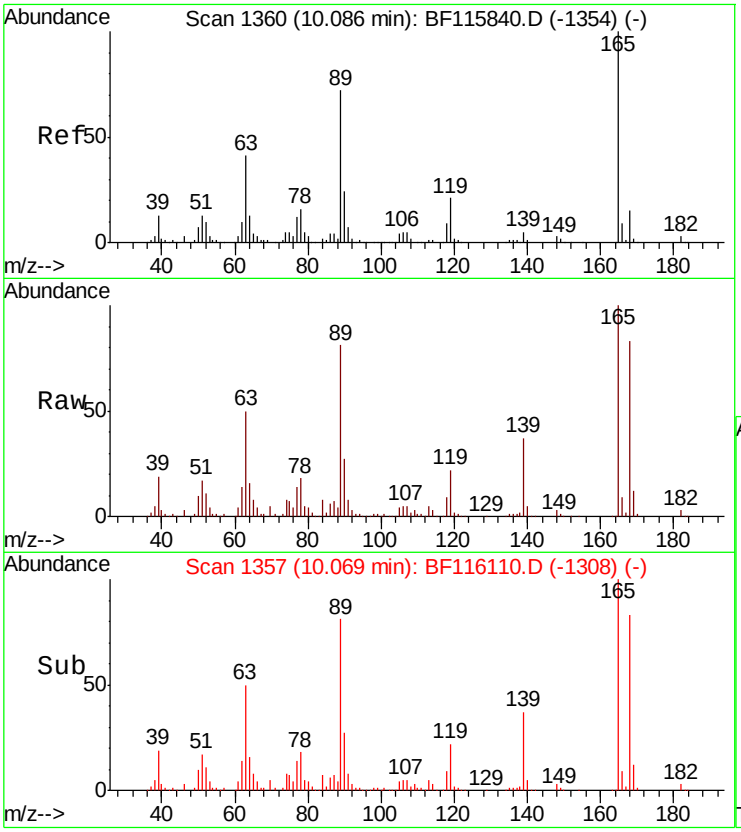


#56
4-Nitrophenol
Concen: 79.698 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:139 Resp: 248320

Ion	Ratio	Lower	Upper
139	100		
109	70.6	54.4	94.4
65	92.5	80.6	120.6

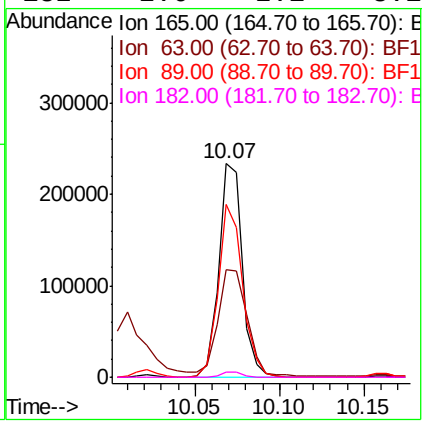




#57
2,4-Dinitrotoluene
Concen: 42.976 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

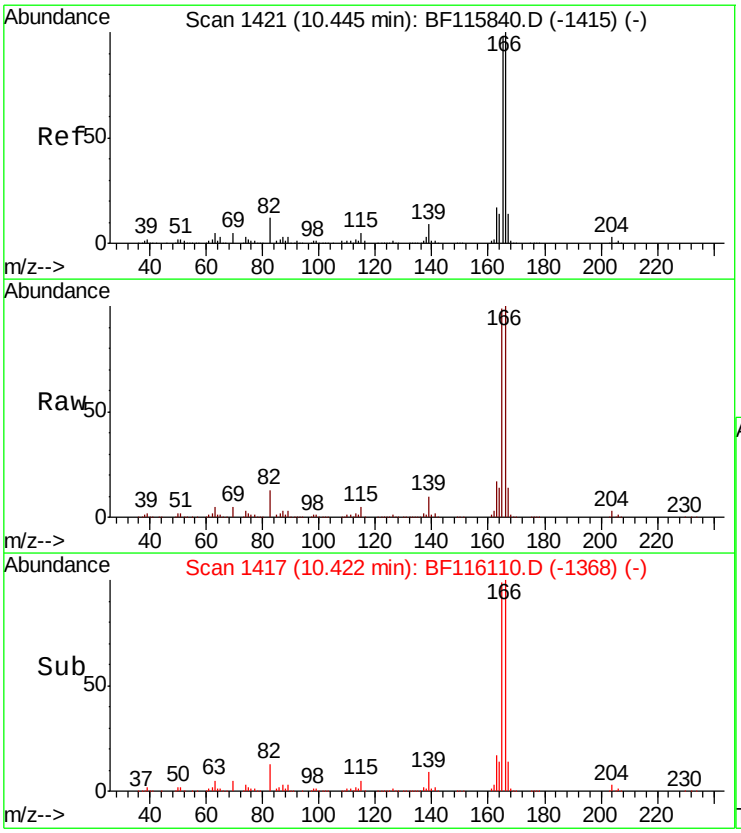
Tgt Ion:165 Resp: 225234

Ion	Ratio	Lower	Upper
165	100		
63	50.1	39.6	59.4
89	81.1	62.2	93.2
182	2.6	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

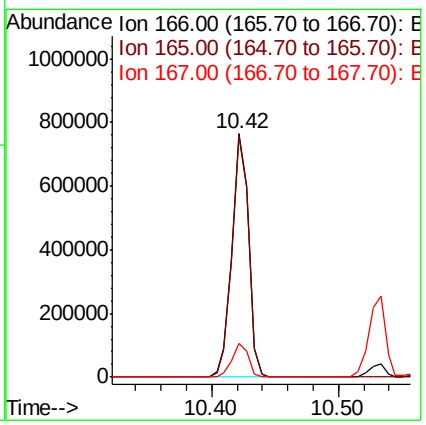
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

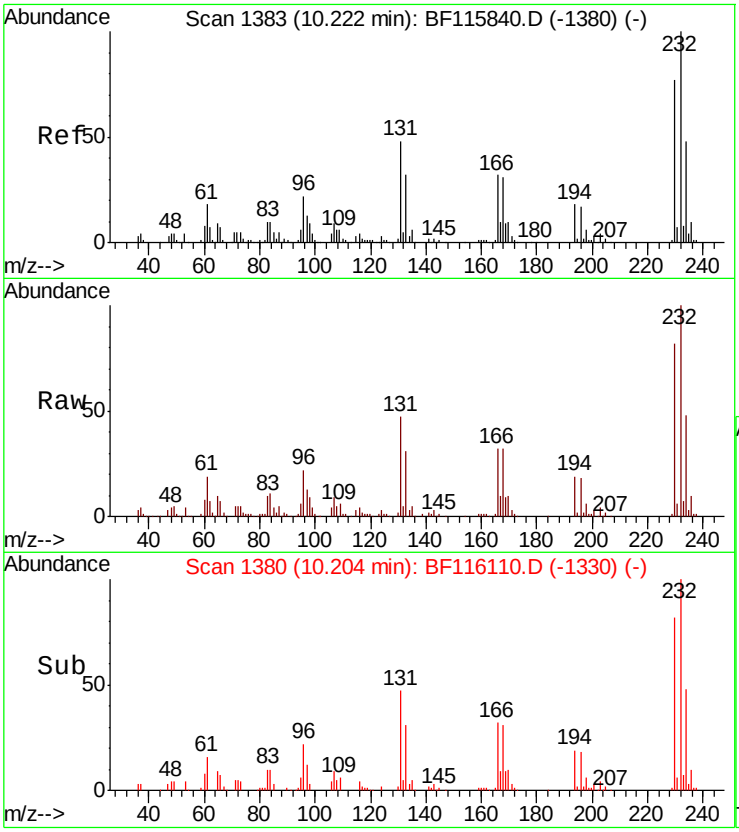


#58
Fluorene
Concen: 43.776 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:166 Resp: 685255

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.8	11.0	16.4

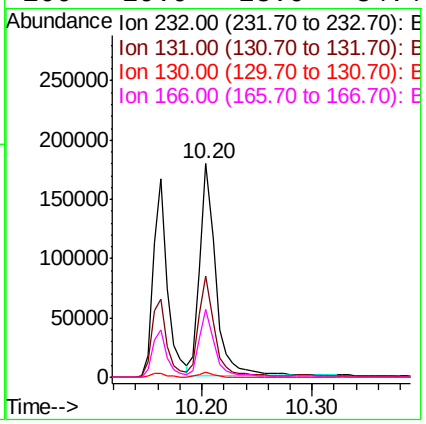




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.484 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

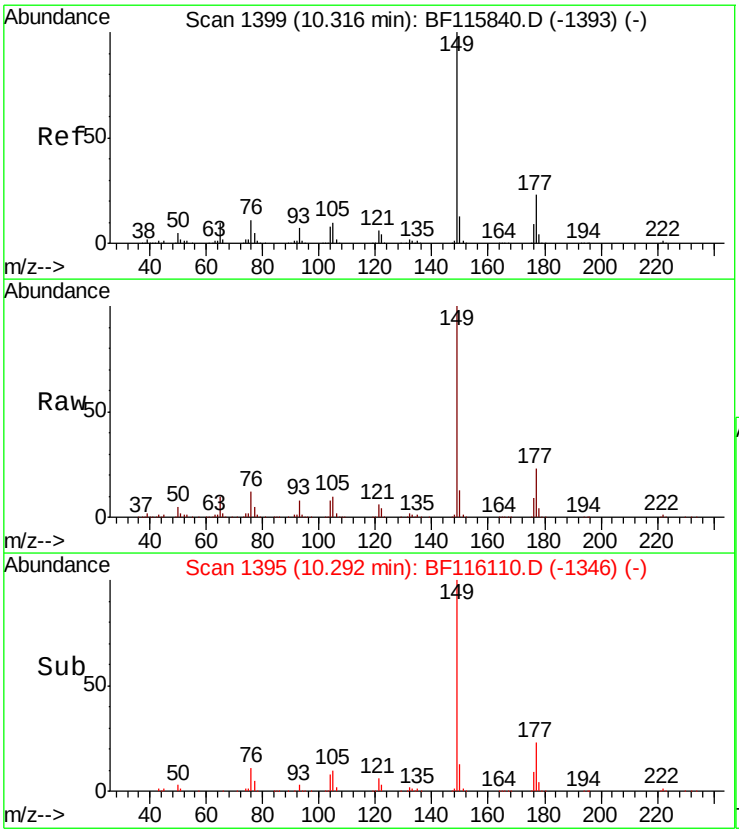
Tgt Ion:232 Resp: 176607

Ion	Ratio	Lower	Upper
232	100		
131	45.8	36.2	54.2
130	2.3	1.9	2.9
166	29.9	23.0	34.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

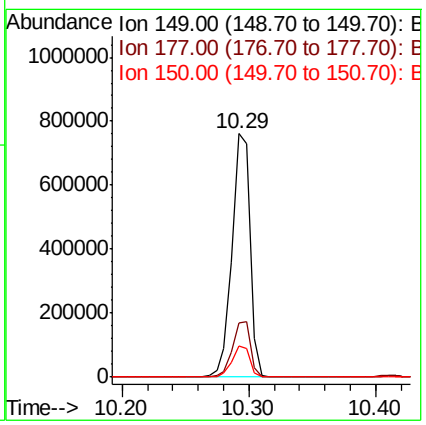
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

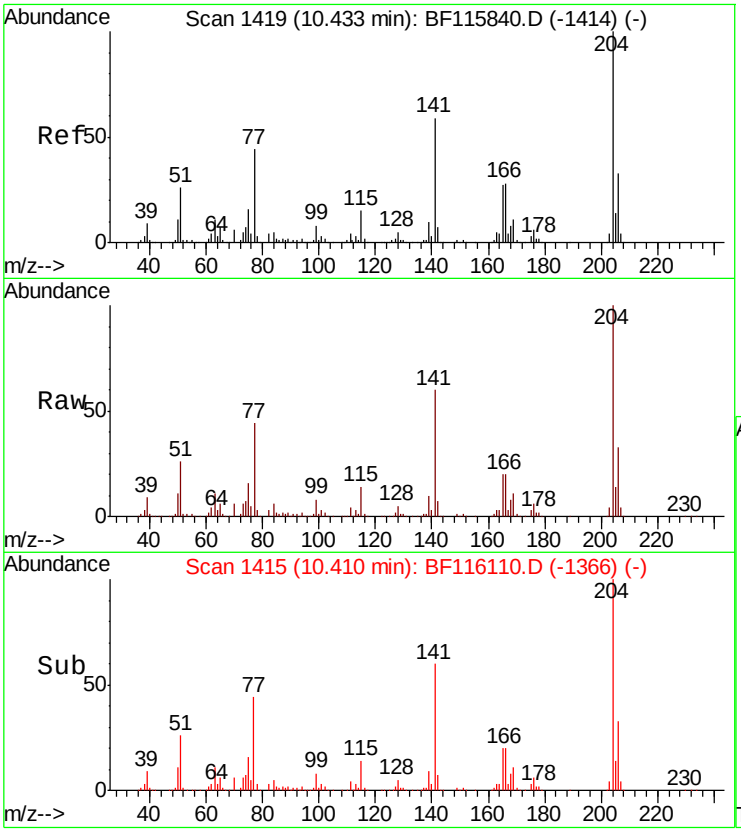


#60
Diethylphthalate
Concen: 43.829 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 741201

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.8	28.2
150	12.7	10.2	15.4

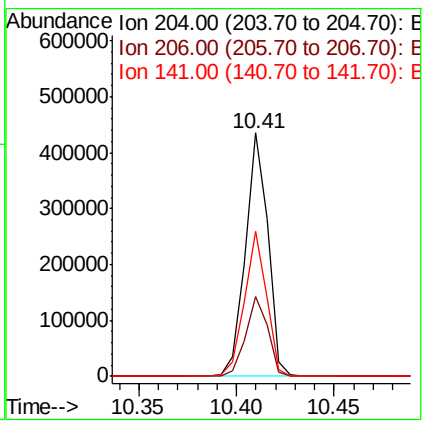




#61
4-Chlorophenyl-phenylether
Concen: 43.796 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

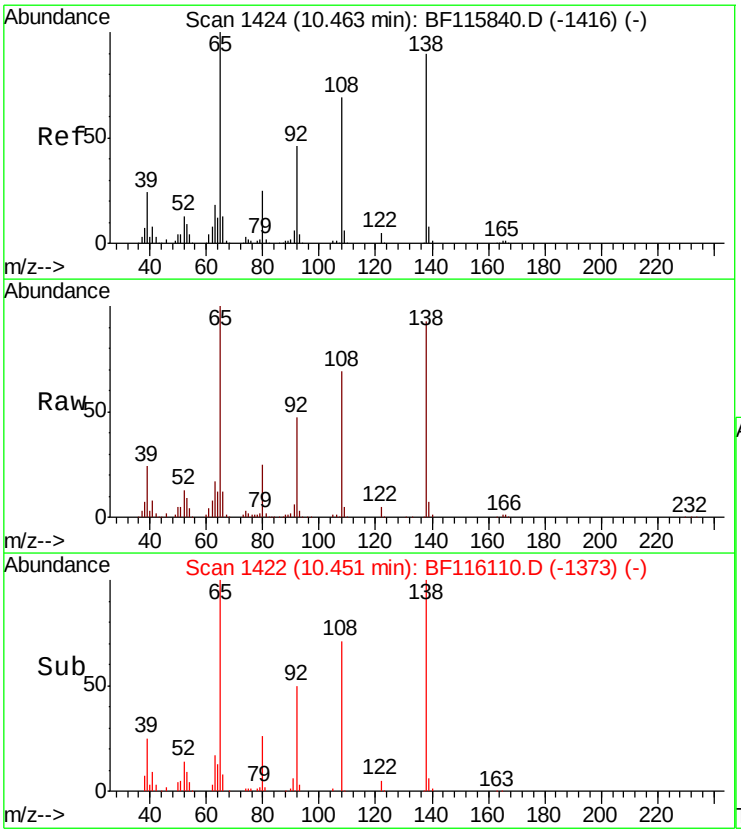
Tgt Ion:204 Resp: 347208

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	59.5	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

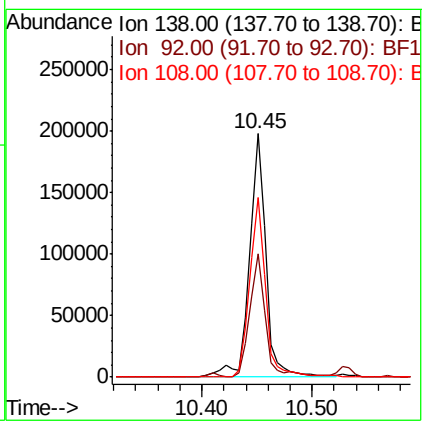
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

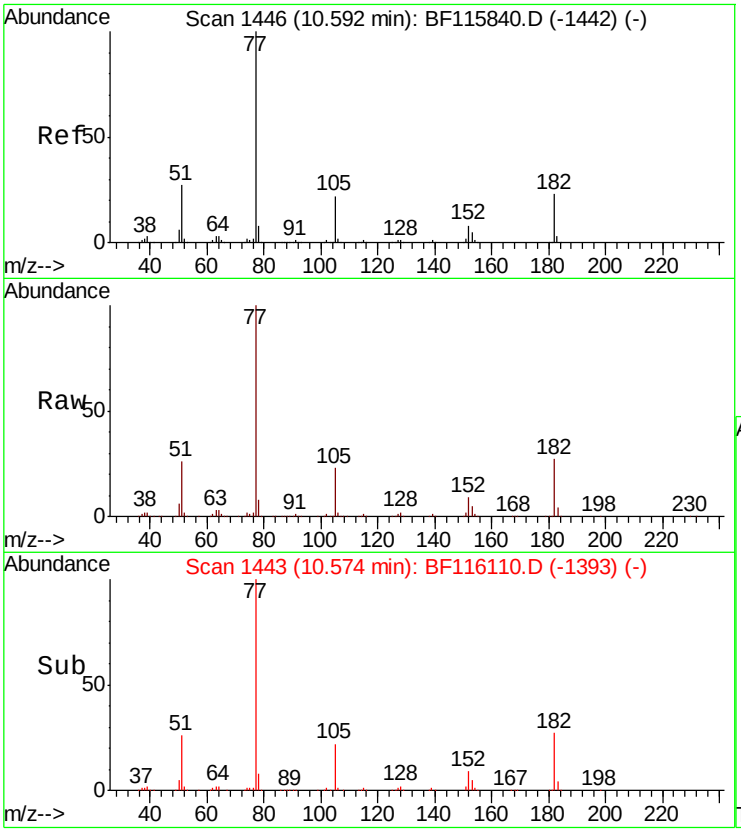


#62
4-Nitroaniline
Concen: 41.553 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:138 Resp: 208864

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.0	69.0
108	74.0	54.7	94.7

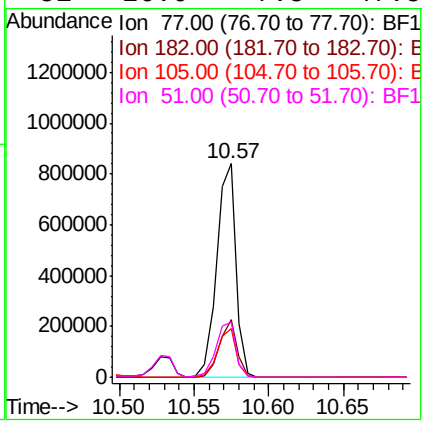




#63
Azobenzene
Concen: 43.750 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

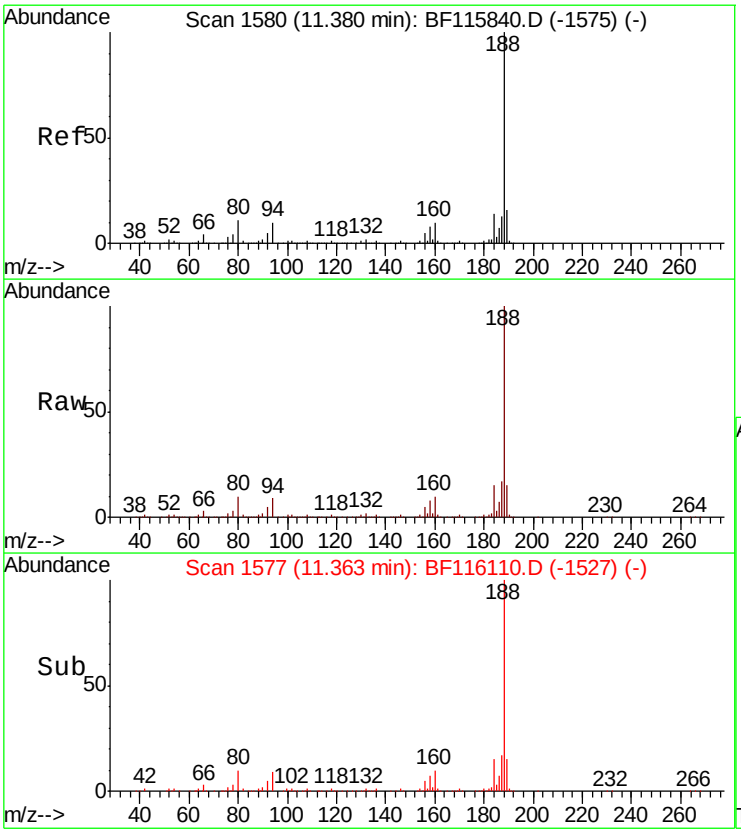
Tgt Ion: 77 Resp: 760983

Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.0	44.0
105	22.6	2.0	42.0
51	26.0	7.5	47.5



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

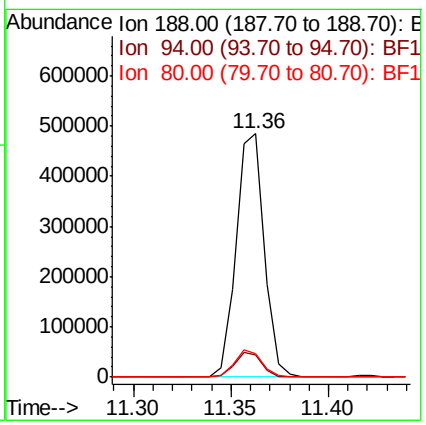
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

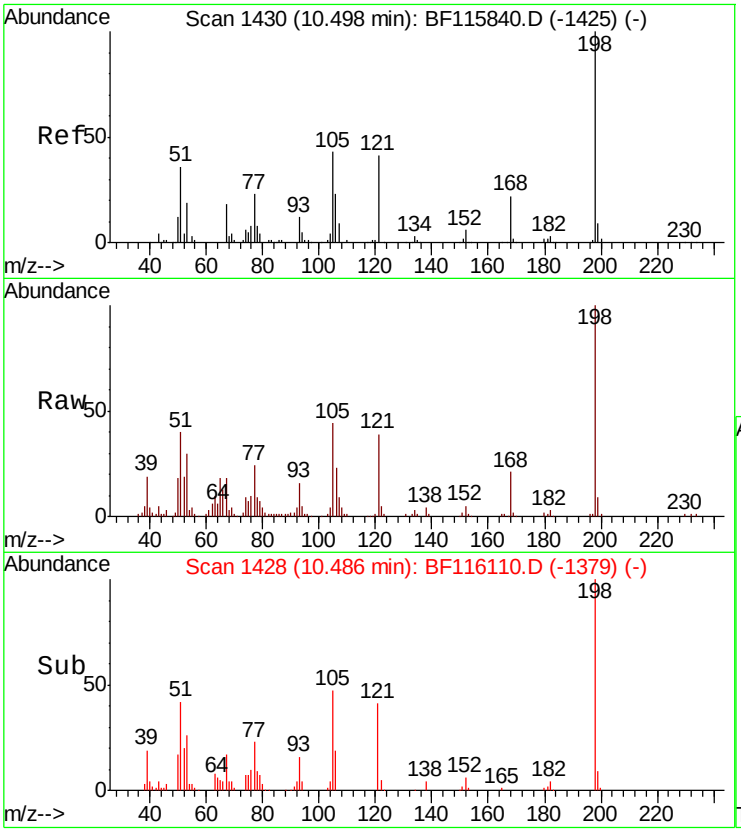


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:188 Resp: 481913

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.1	12.1
80	9.7	8.7	13.1





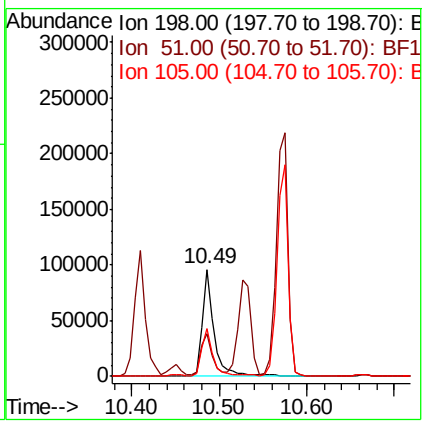
#65
4,6-Dinitro-2-methylphenol
Concen: 35.437 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

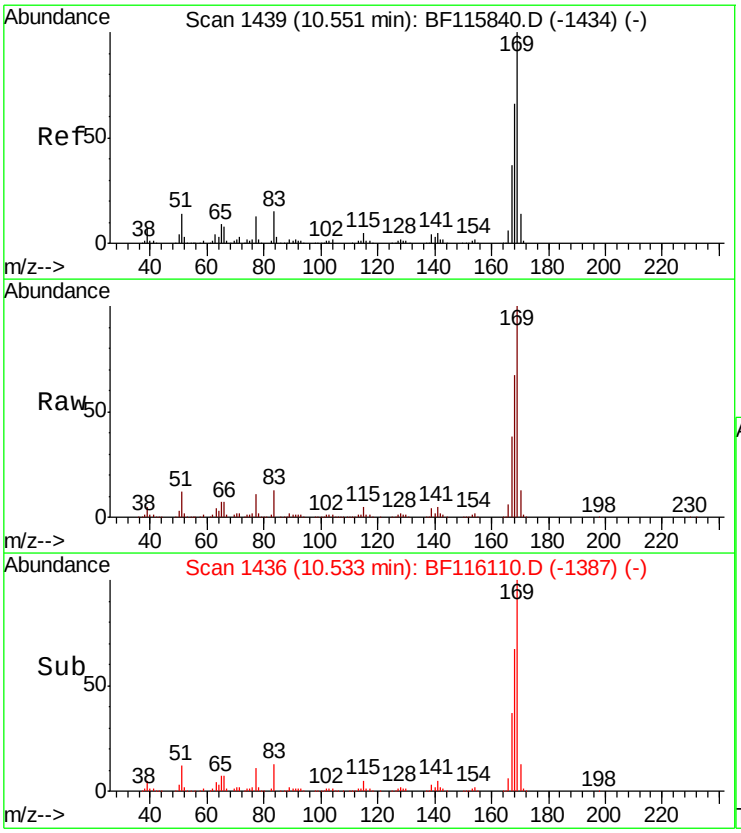
Tgt Ion:198 Resp: 90500

Ion	Ratio	Lower	Upper
198	100		
51	40.5	17.0	57.0
105	44.2	21.6	61.6

Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

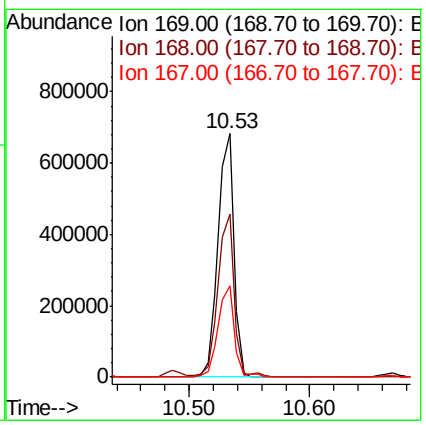


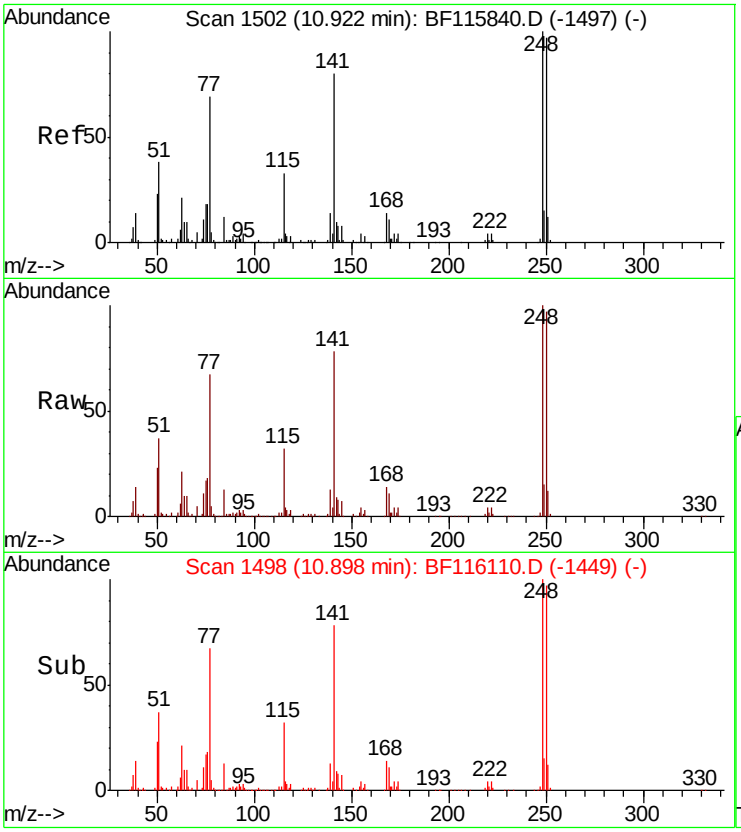


#66
n-Nitrosodiphenylamine
Concen: 42.718 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:169 Resp: 619627

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.8	80.6
167	37.5	29.6	44.4

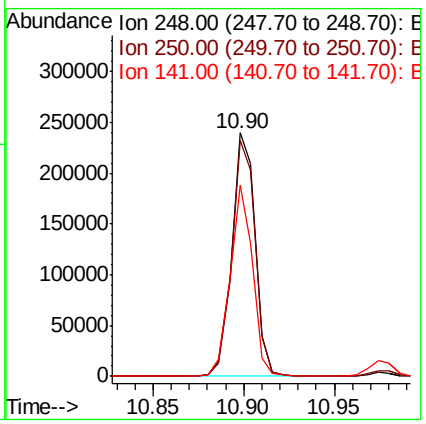




#67
4-Bromophenyl-phenylether
Concen: 41.590 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

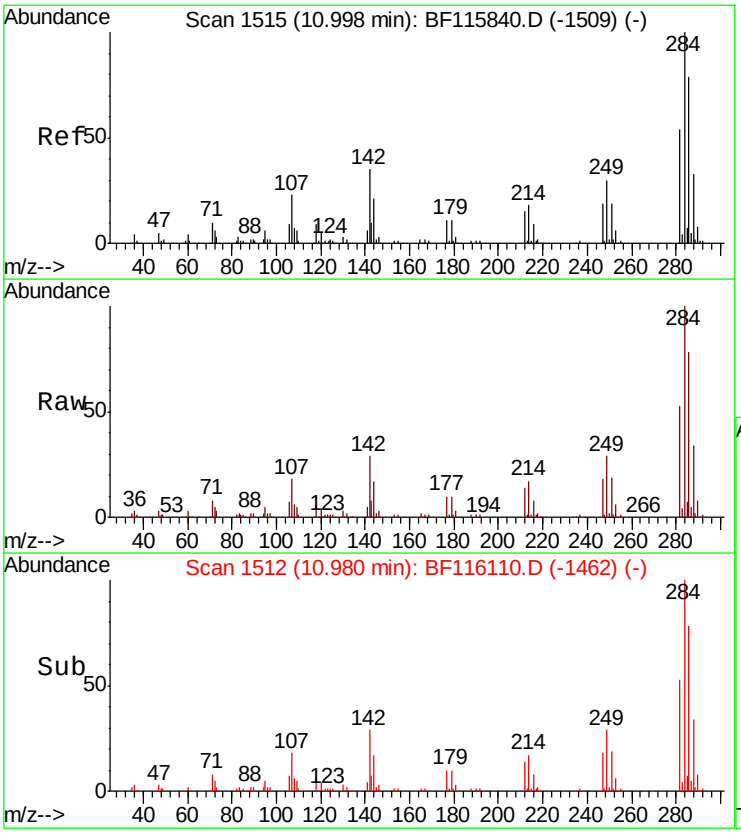
Tgt Ion:248 Resp: 214557

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	78.4	56.8	85.2



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

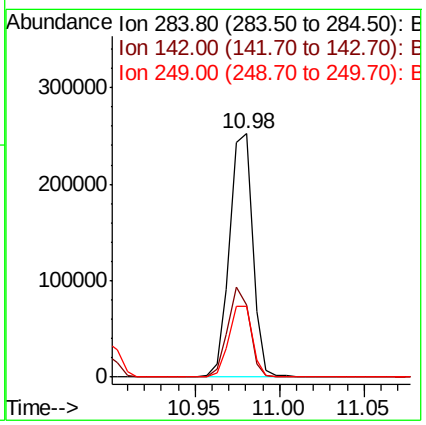
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

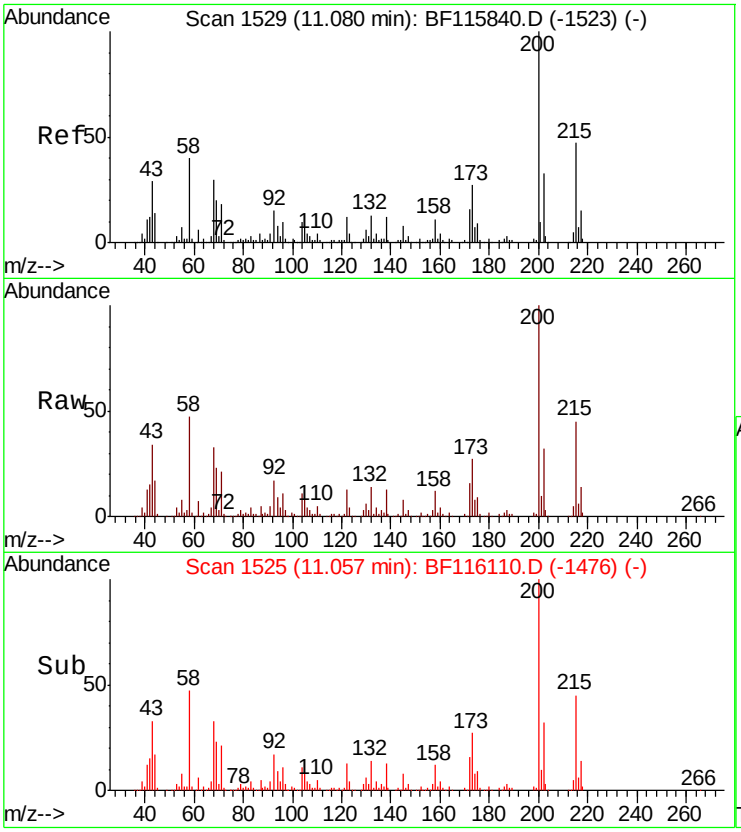


#68
Hexachlorobenzene
Concen: 40.338 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:284 Resp: 240631

Ion	Ratio	Lower	Upper
284	100		
142	29.4	28.4	42.6
249	29.3	24.5	36.7

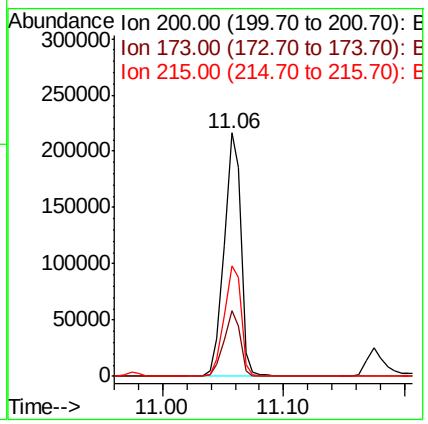




#69
Atrazine
Concen: 43.472 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

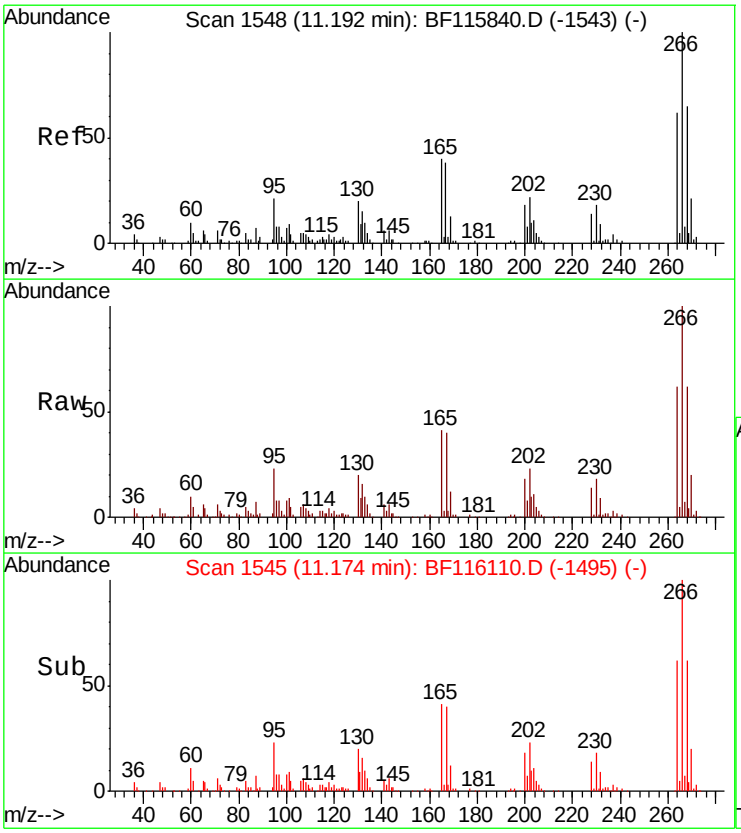
Tgt Ion:200 Resp: 207446

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.8	46.8
215	45.3	27.5	67.5



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

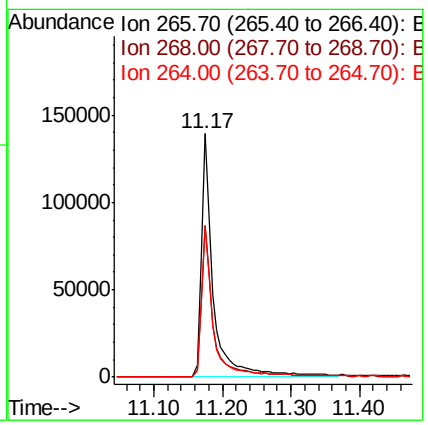
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

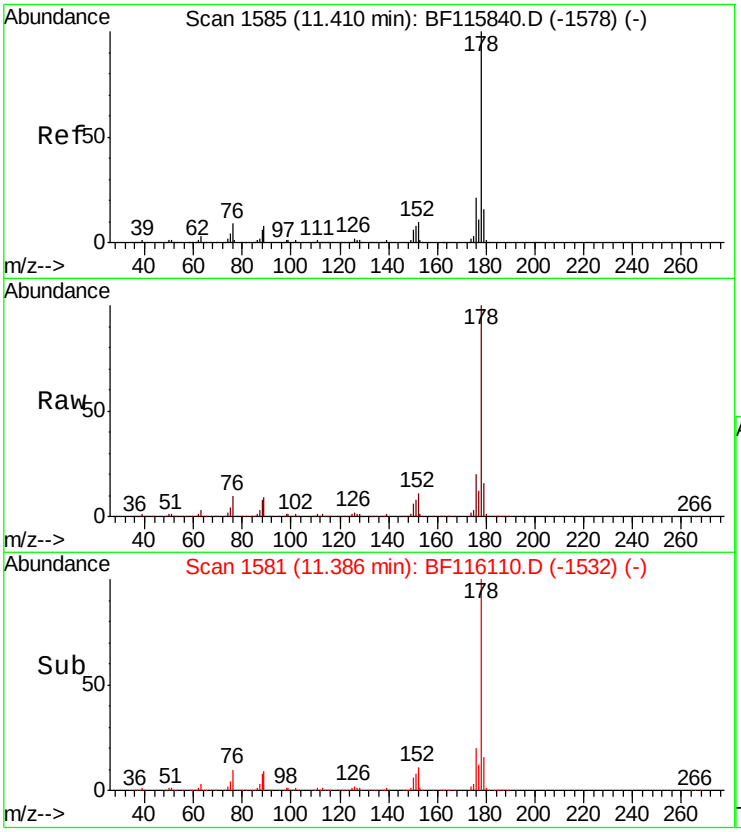


#70
Pentachlorophenol
Concen: 61.002 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:266 Resp: 176673

Ion	Ratio	Lower	Upper
266	100		
268	62.3	48.8	73.2
264	62.3	50.6	76.0

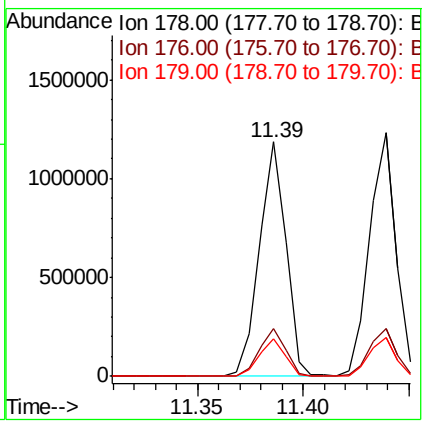




#71
Phenanthrene
Concen: 42.438 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

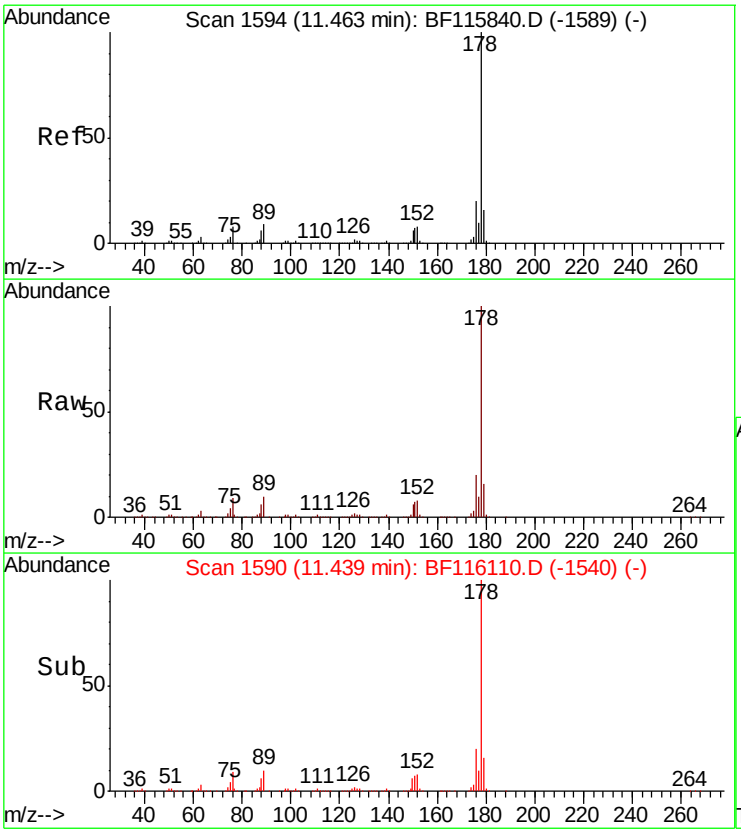
Tgt Ion:178 Resp: 1045521

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	16.0	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

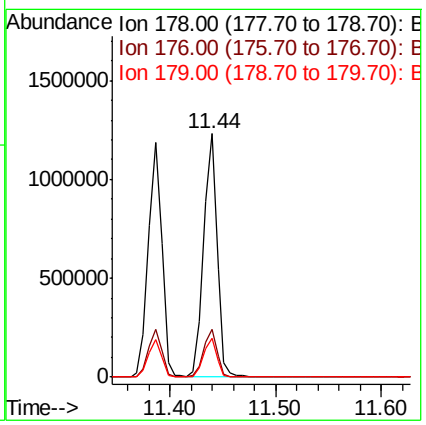
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

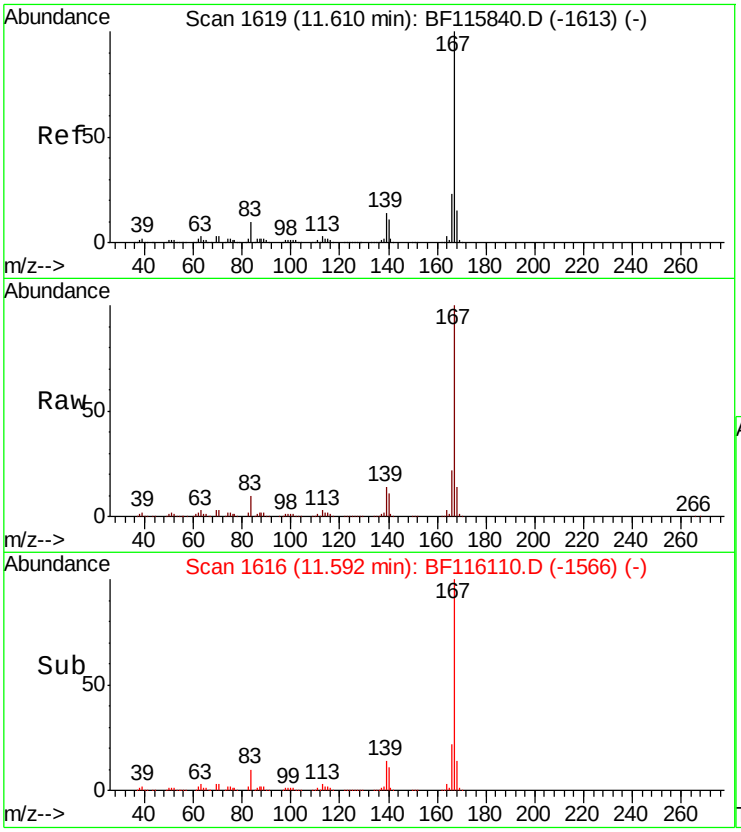


#72
Anthracene
Concen: 43.904 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:178 Resp: 1094661

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.9	13.0	19.6

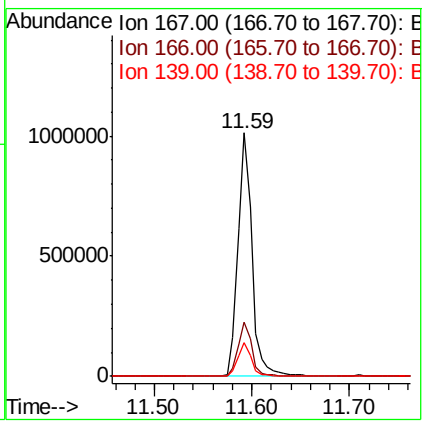




#73
Carbazole
Concen: 44.978 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

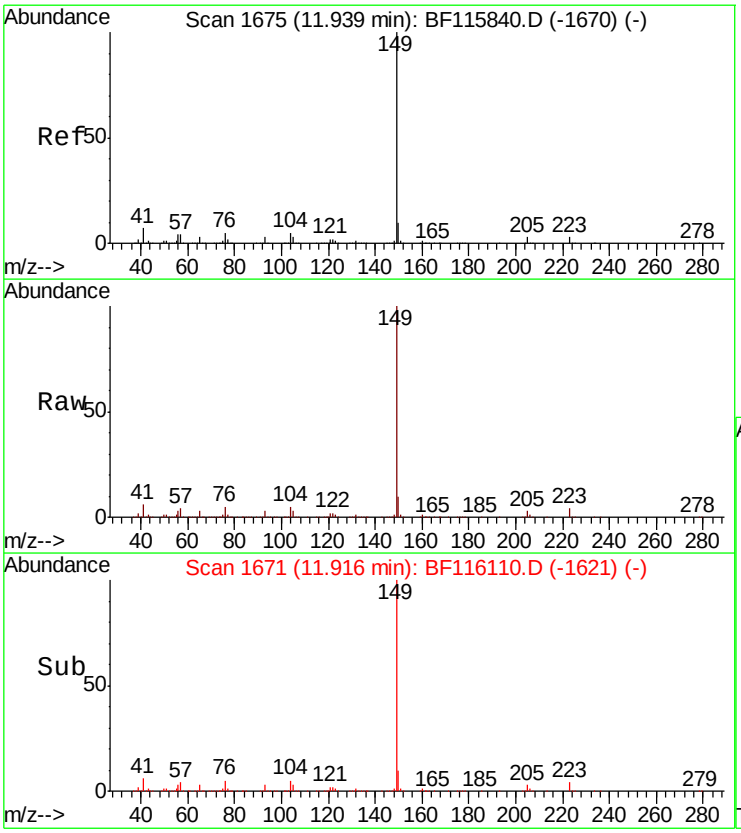
Tgt Ion:167 Resp: 1017420

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.8	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

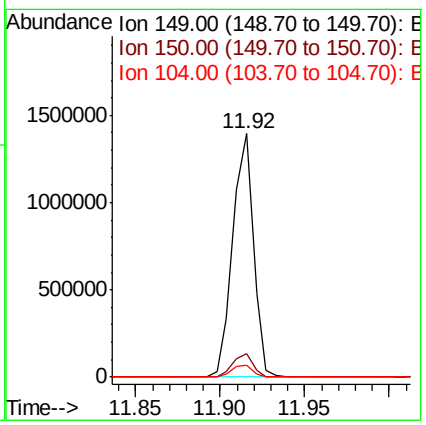
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

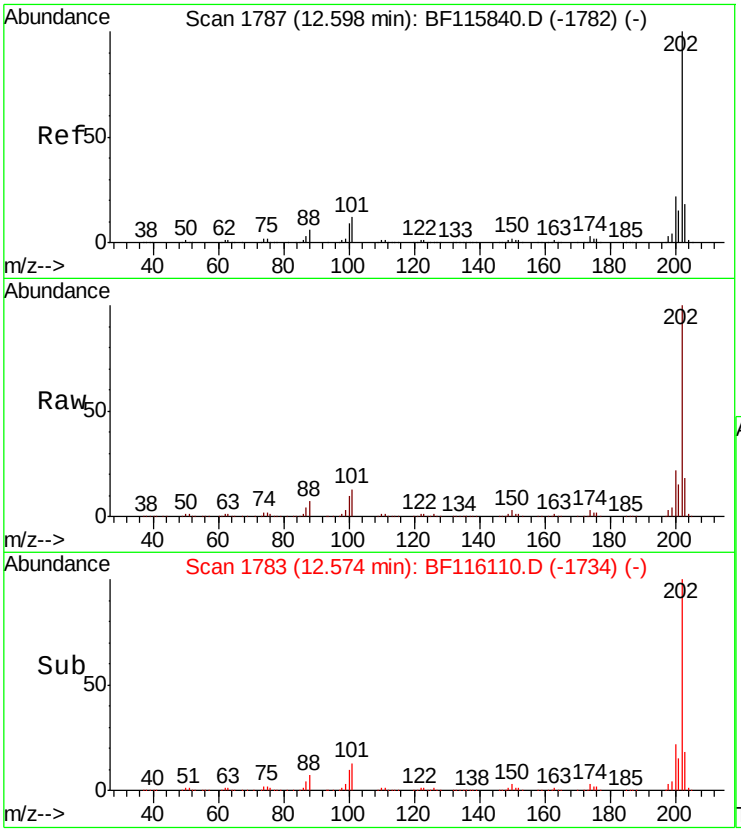


#74
Di-n-butylphthalate
Concen: 45.245 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 1193921

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.1	4.5	6.7

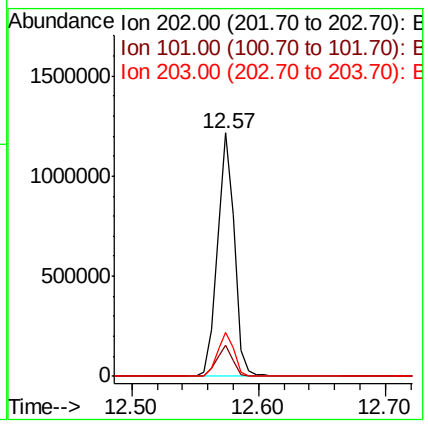




#75
Fluoranthene
Concen: 44.406 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

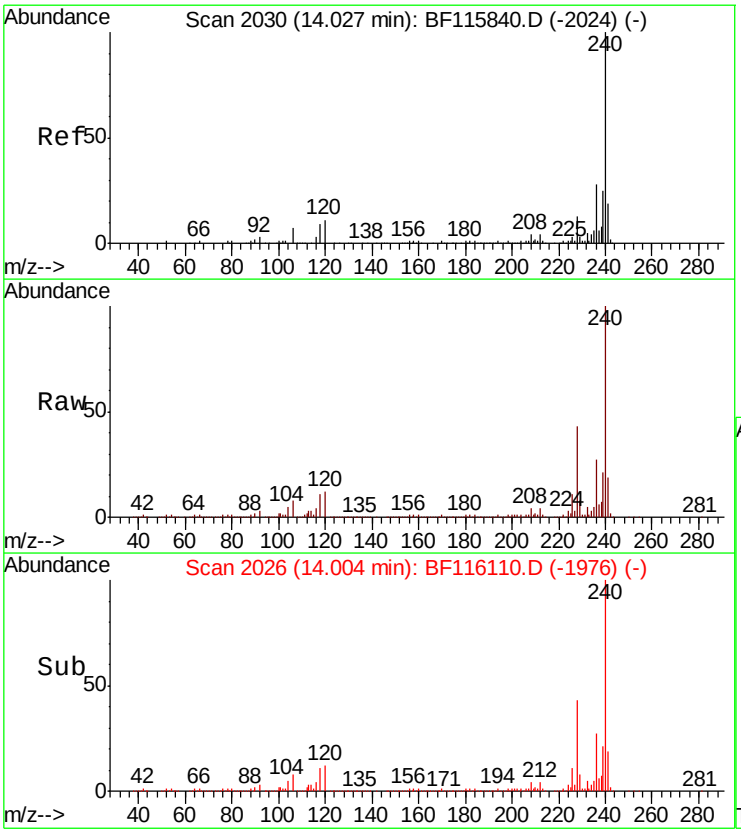
Tgt Ion:202 Resp: 1145312

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.2
203	18.1	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

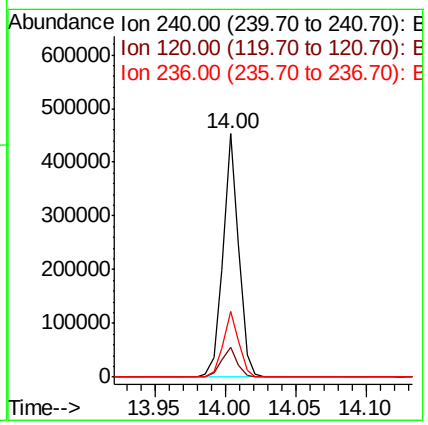
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

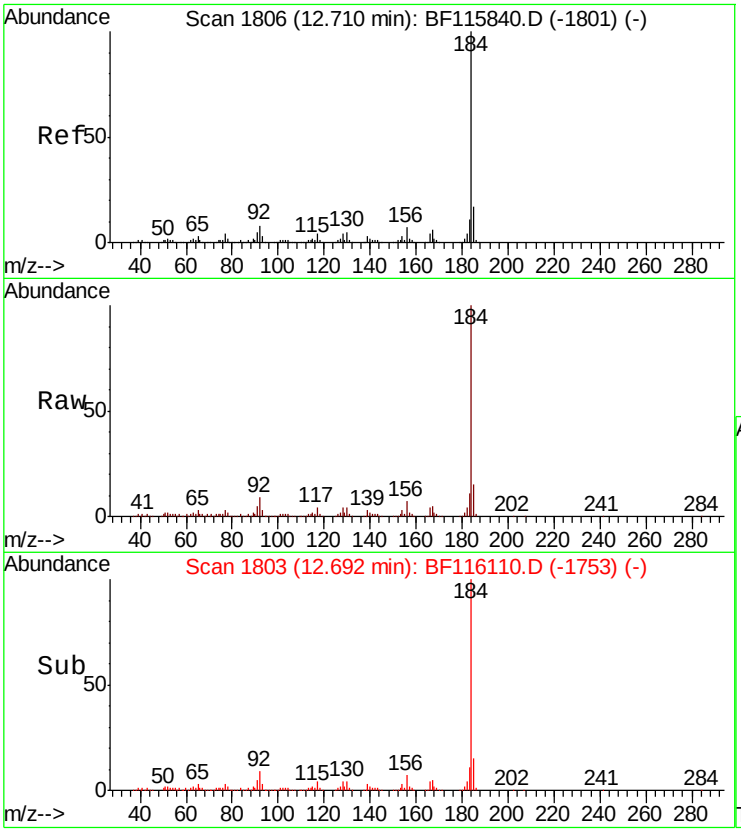


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:240 Resp: 351160

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.7	16.1
236	26.8	22.2	33.2

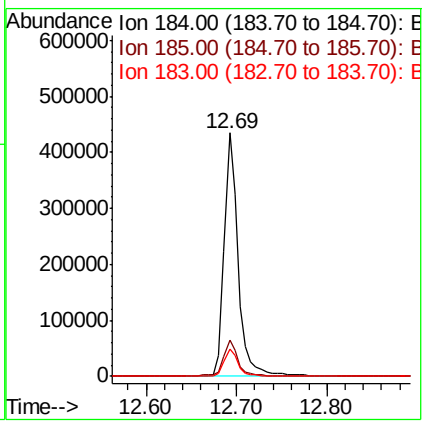




#77
Benzidine
Concen: 38.756 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

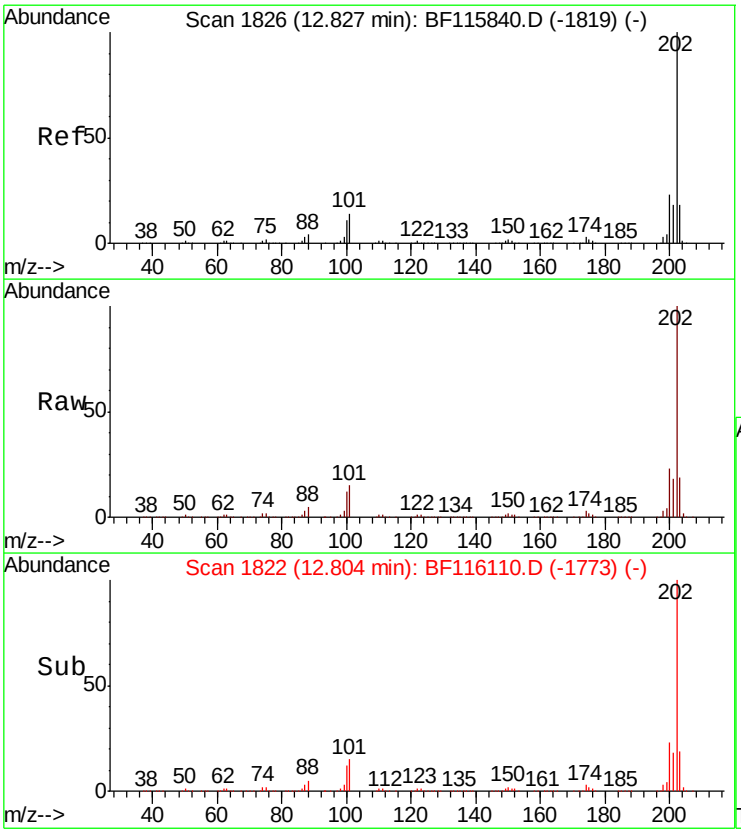
Tgt Ion:184 Resp: 459784

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.8	19.2
183	11.5	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

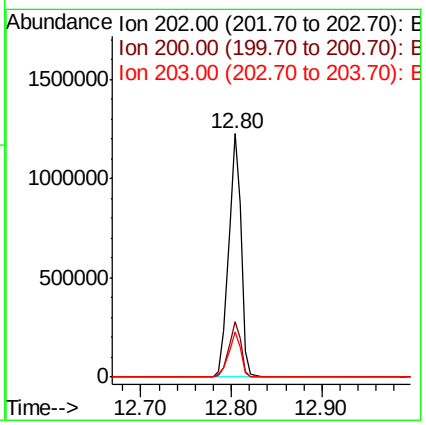
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

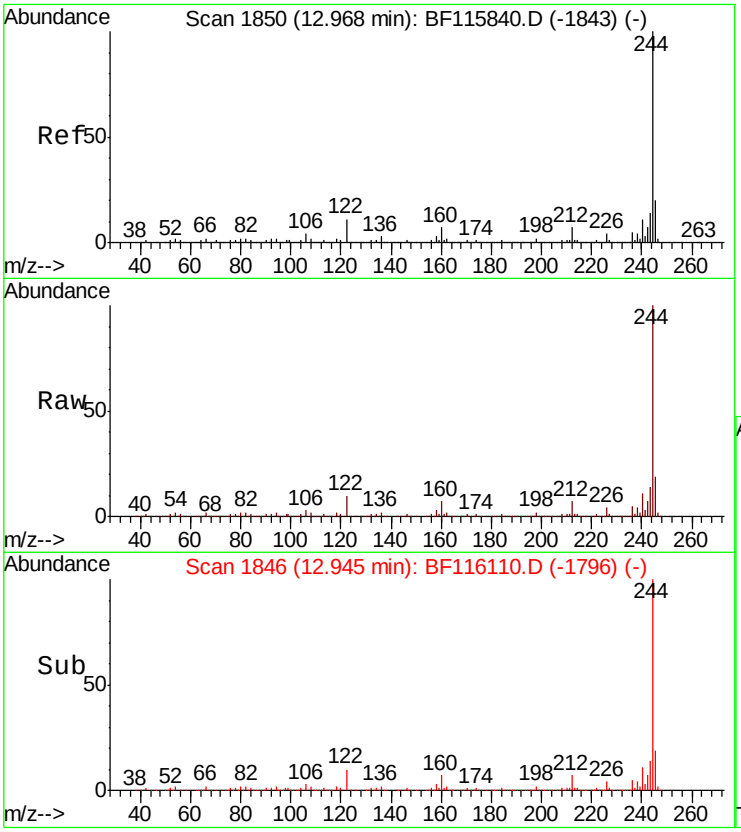


#78
Pyrene
Concen: 44.089 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:202 Resp: 1167090

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.0	27.0
203	18.5	14.1	21.1

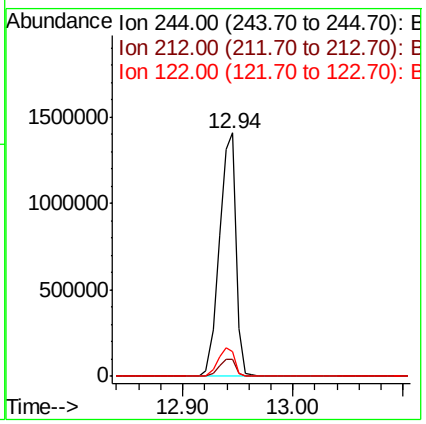




#79
Terphenyl-d14
Concen: 88.416 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

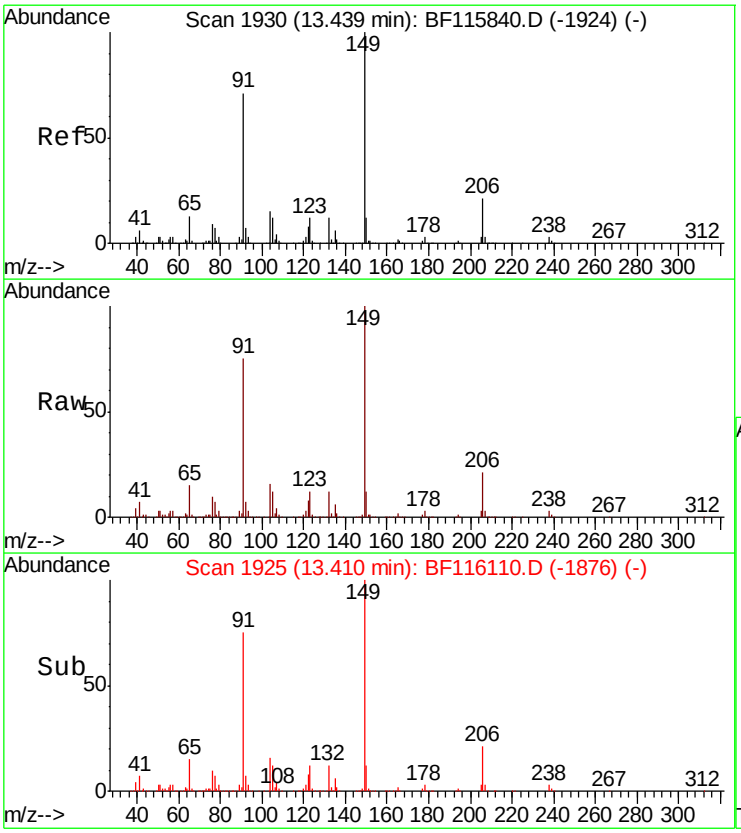
Tgt Ion:244 Resp: 1473449

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.4	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

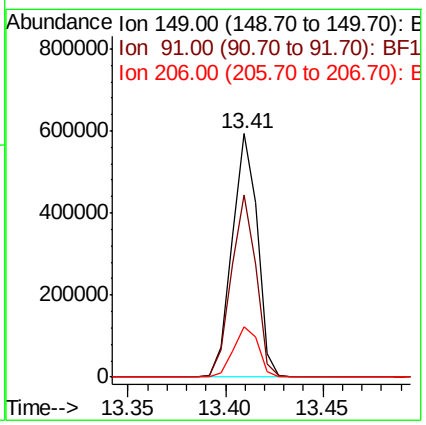
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

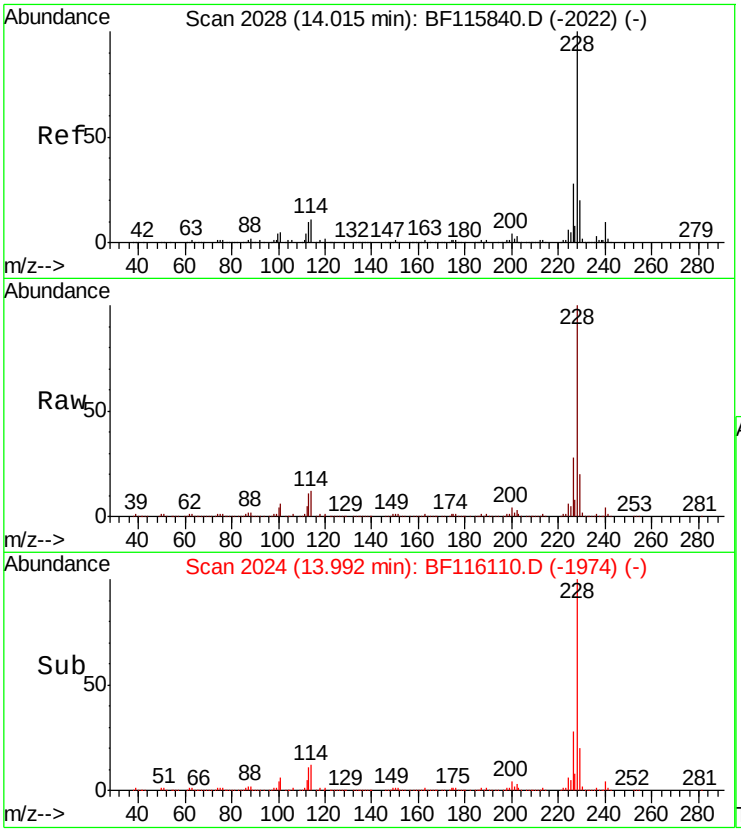


#80
Butylbenzylphthalate
Concen: 47.538 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 532298

Ion	Ratio	Lower	Upper
149	100		
91	75.0	56.3	84.5
206	20.5	18.0	27.0

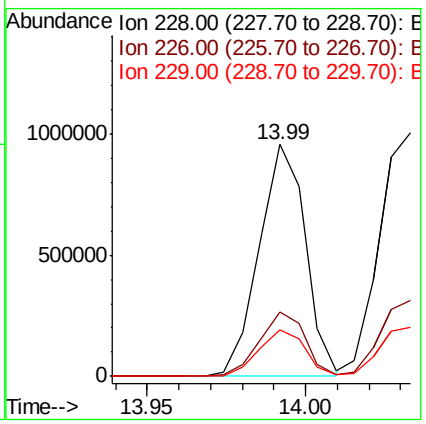




#81
Benzo(a)anthracene
Concen: 43.049 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

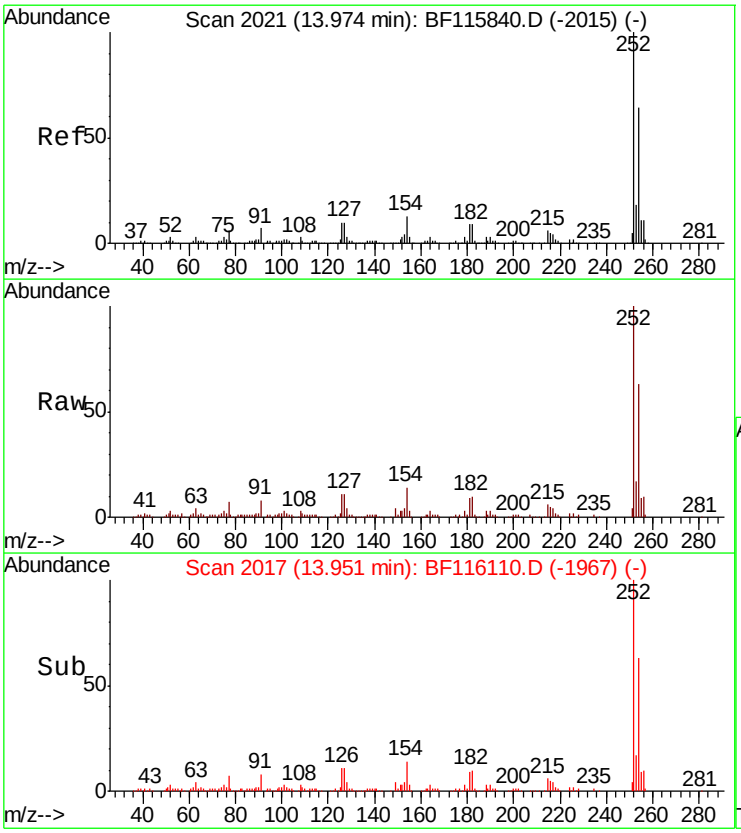
Tgt Ion:228 Resp: 966231

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.2	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

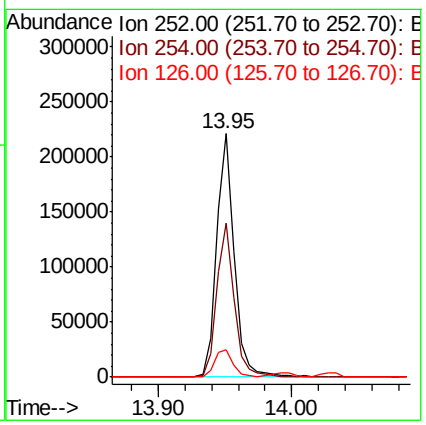
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

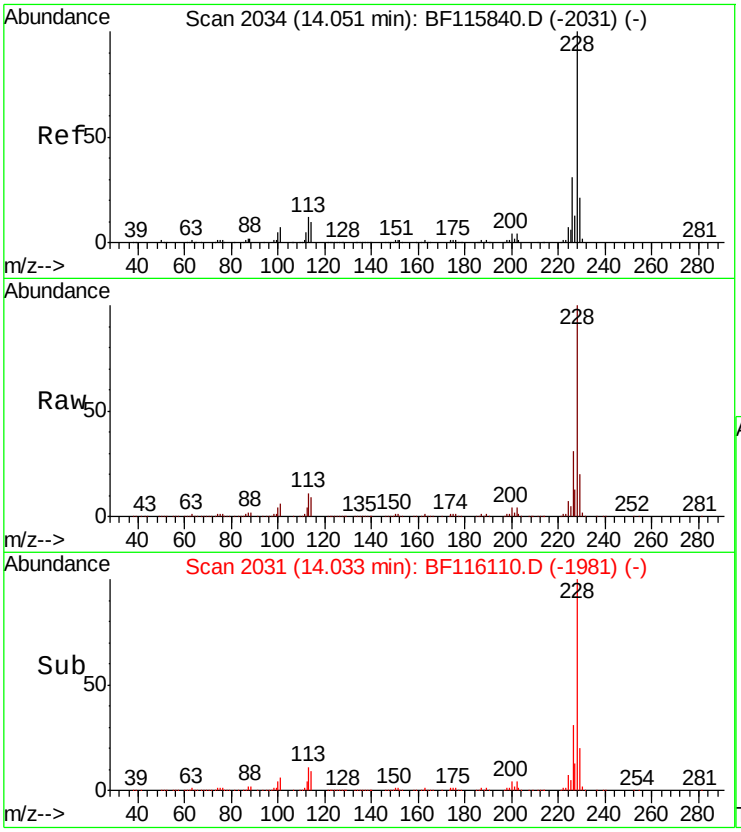


#82
3,3'-Dichlorobenzidine
Concen: 26.486 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:252 Resp: 206530

Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.9	76.3
126	11.2	9.8	14.8

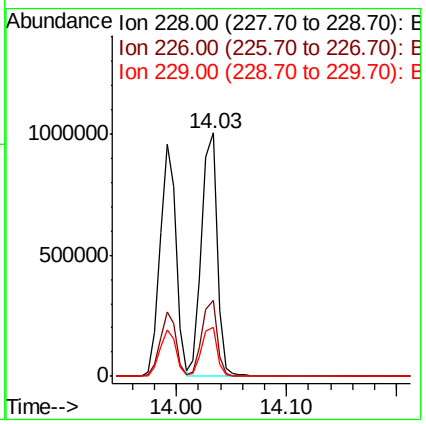




#83
Chrysene
Concen: 43.794 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

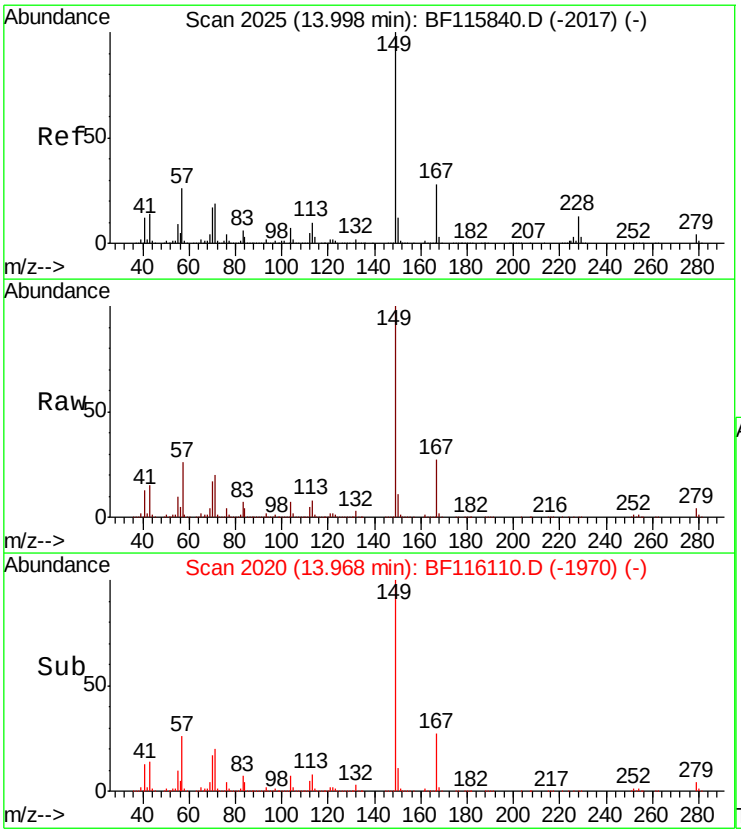
Tgt Ion:228 Resp: 954289

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.0	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

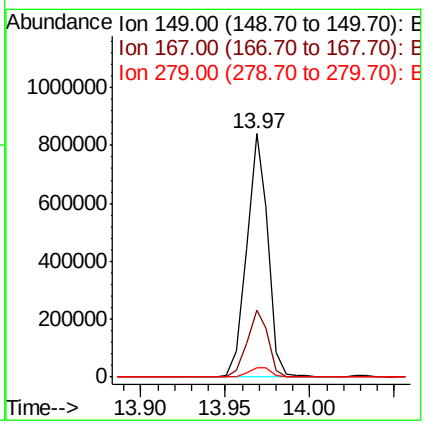
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

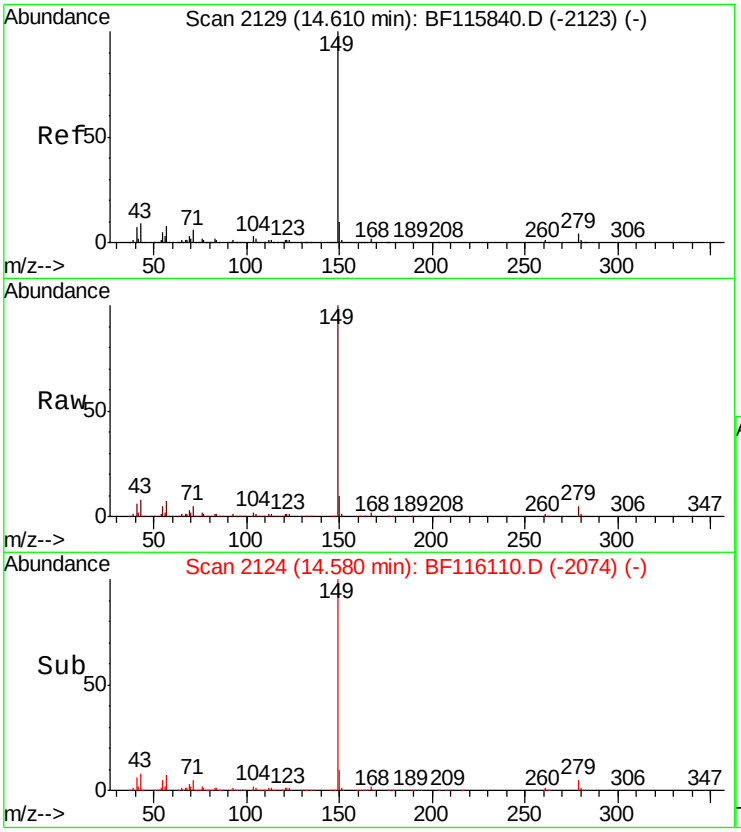


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.508 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 734940

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.8	3.0	4.4

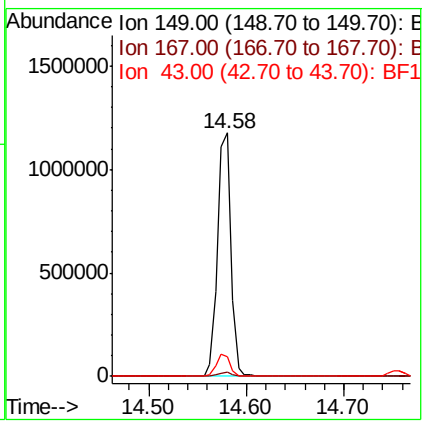




#85
Di-n-octyl phthalate
Concen: 48.859 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

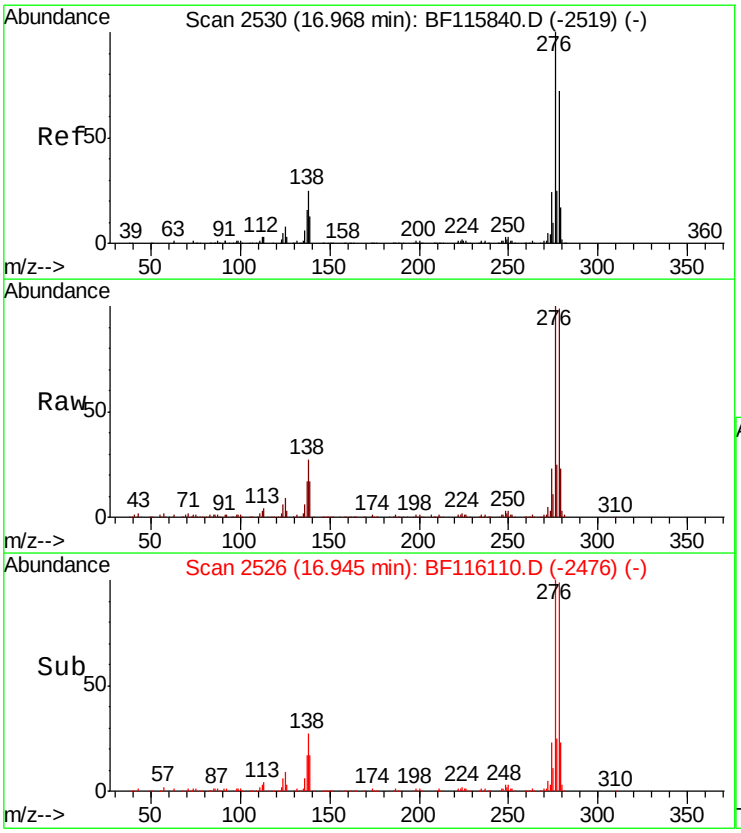
Tgt Ion:149 Resp: 1129231

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

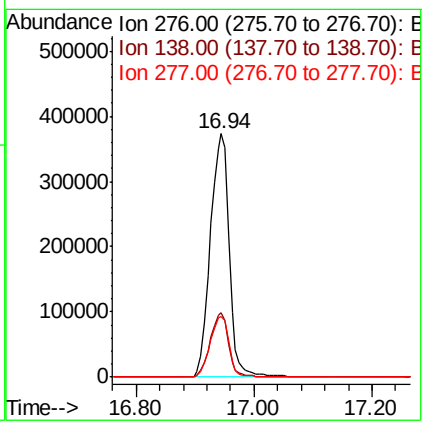
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

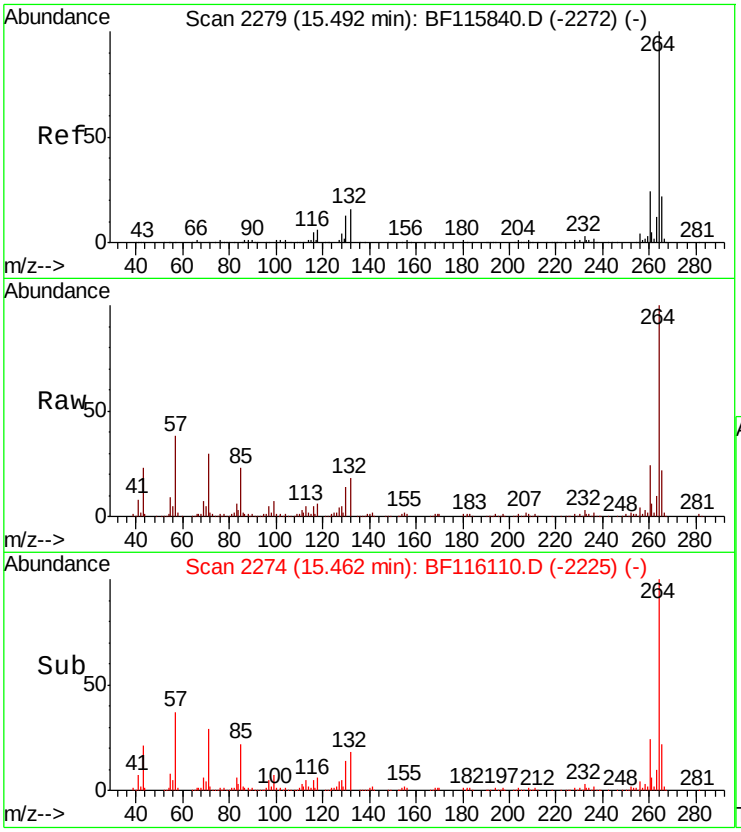


#86
Indeno(1,2,3-cd)pyrene
Concen: 45.422 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:276 Resp: 831297

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.4	30.6
277	25.0	20.0	30.0

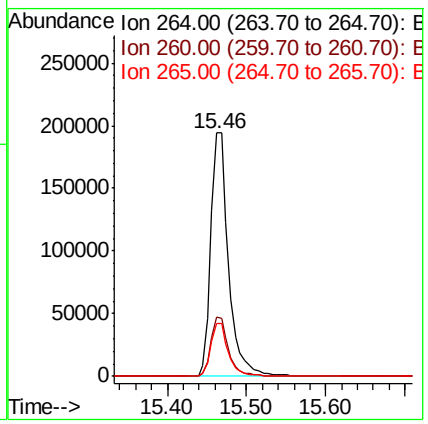




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

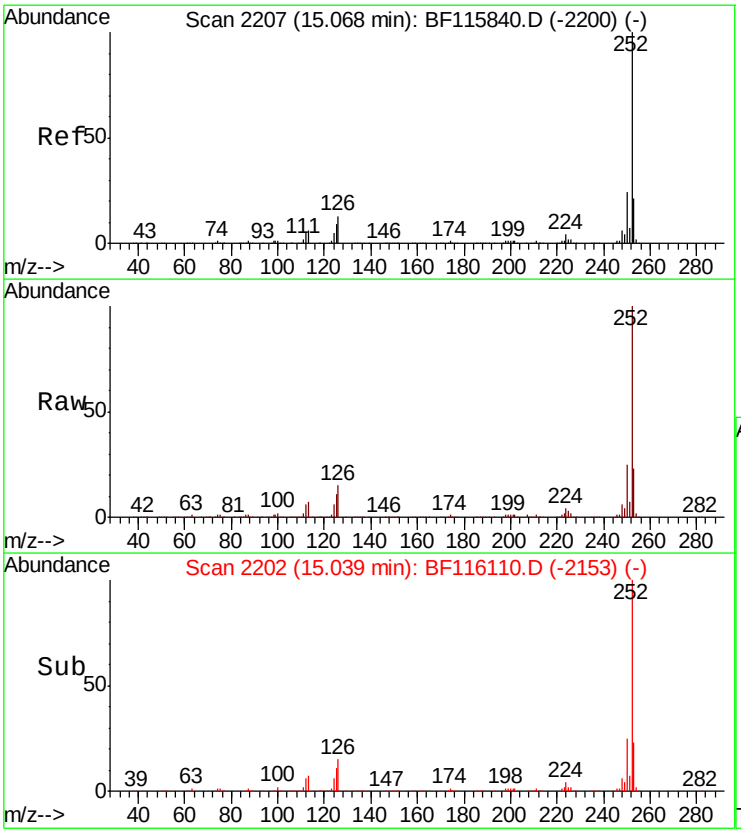
Tgt Ion:264 Resp: 301577

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.5	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

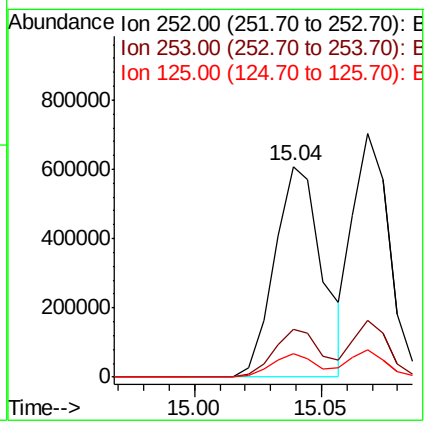
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

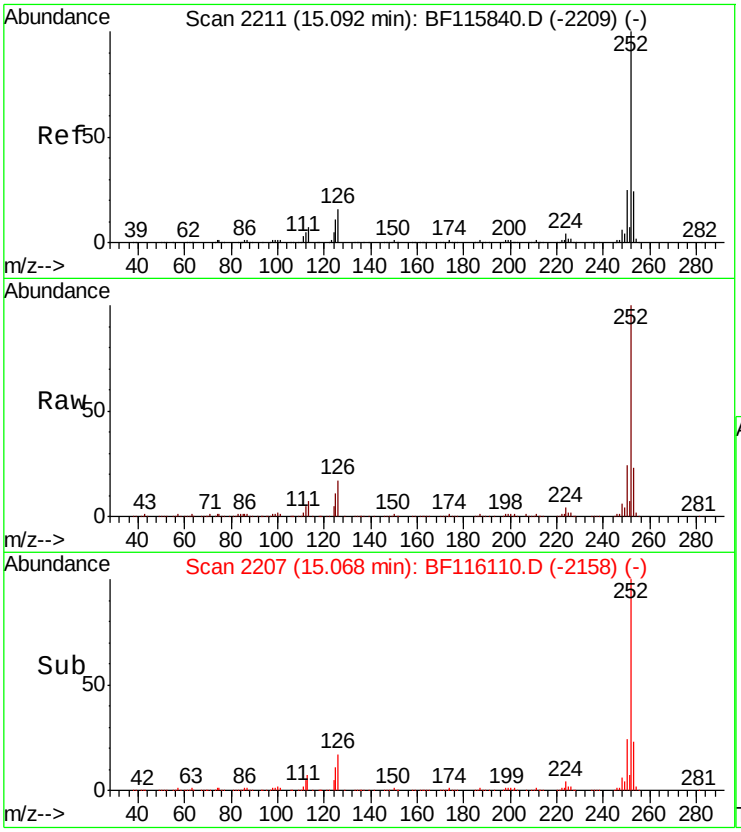


#88
Benzo(b)fluoranthene
Concen: 45.878 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:252 Resp: 799994

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.4	8.4	12.6

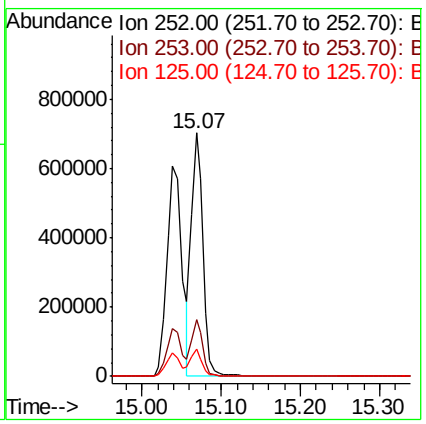




#89
Benzo(k)fluoranthene
Concen: 42.215 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

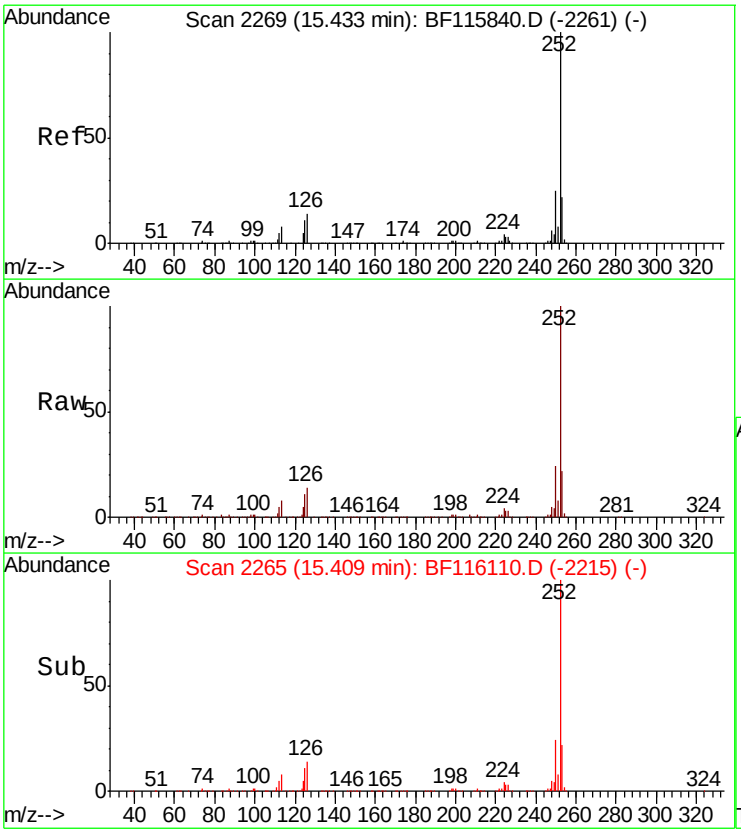
Tgt Ion:252 Resp: 716989

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.1	7.7	11.5



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

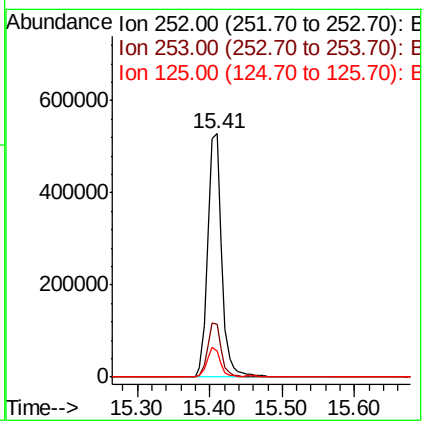
Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM

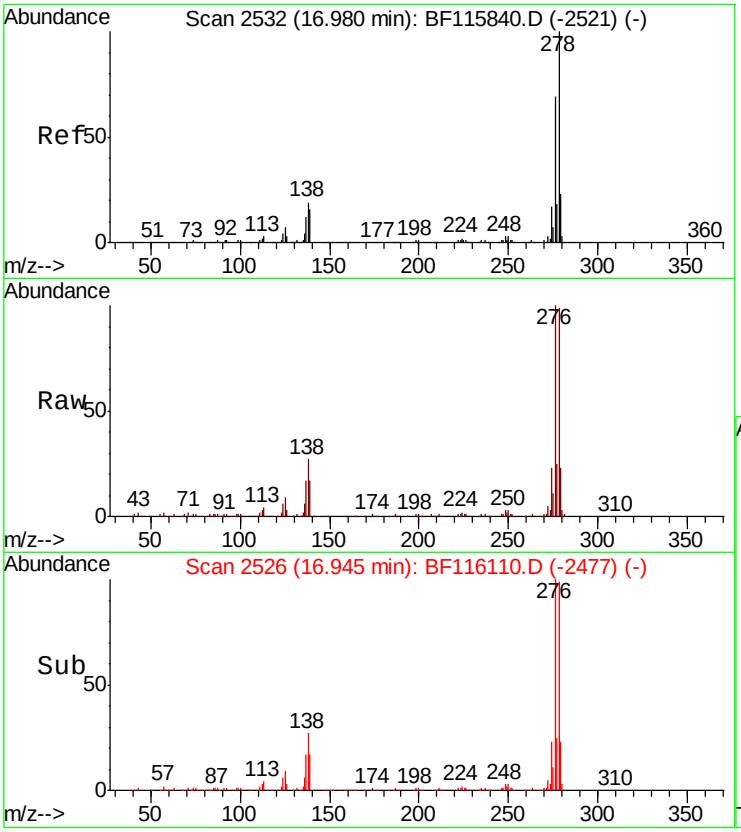


#90
Benzo(a)pyrene
Concen: 45.635 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:252 Resp: 711355

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.9	8.9	13.3

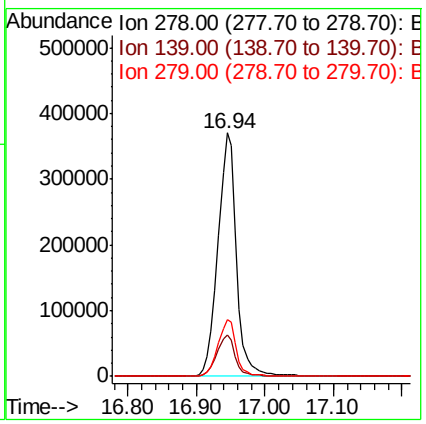




#91
Dibenzo(a,h)anthracene
Concen: 51.396 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

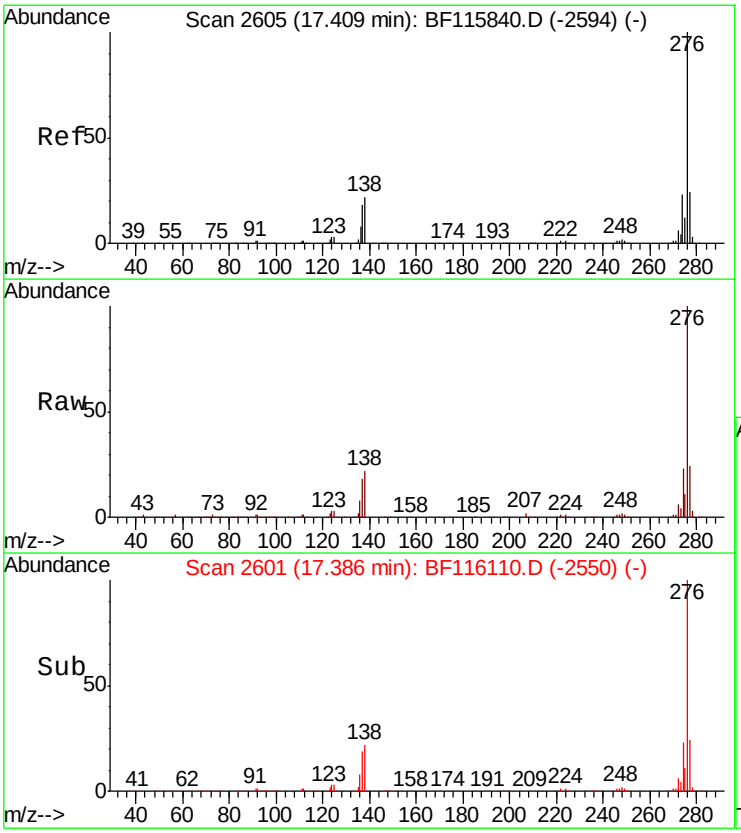
Tgt Ion:278 Resp: 693484

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.8	19.2
279	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:50 AM



#92
Benzo(g,h,i)perylene
Concen: 54.627 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:276 Resp: 723879

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.1	17.0	25.6