

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116429.D
 Acq On : 20 Aug 2019 12:38
 Operator : HP/JU
 Sample : PB122210BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM

Quant Time: Aug 20 15:33:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120404	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	495667	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	261980	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	448071	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	311401	20.00	ng	-0.01
87) Perylene-d12	15.42	264	268419	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	850074	118.19	ng	0.00
7) Phenol-d6	6.46	99	1015268	111.88	ng	0.00
23) Nitrobenzene-d5	7.37	82	666566	77.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	274221	107.96	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1155207	82.59	ng	-0.01
79) Terphenyl-d14	12.90	244	1272816	86.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	142813	39.305	ng	97
3) Pyridine	3.40	79	331543	32.665	ng	97
4) n-Nitrosodimethylamine	3.35	42	154892	38.670	ng	100
6) Aniline	6.47	93	380159	29.253	ng	# 55
8) 2-Chlorophenol	6.60	128	355410	44.687	ng	97
9) Benzaldehyde	6.36	77	118007	18.847	ng	98
10) Phenol	6.47	94	436840	40.880	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	348632	44.375	ng	97
12) 1,3-Dichlorobenzene	6.75	146	378313	41.159	ng	98
13) 1,4-Dichlorobenzene	6.82	146	391611	42.552	ng	98
14) 1,2-Dichlorobenzene	6.97	146	359110	42.377	ng	99
15) Benzyl Alcohol	6.96	79	282983	41.092	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	441963	41.242	ng	57
17) 2-Methylphenol	7.07	107	291330	43.260	ng	# 91
18) Hexachloroethane	7.31	117	141131	41.651	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	247623	44.036	ng	98
20) 3+4-Methylphenols	7.23	107	376409	47.232	ng	# 79
22) Acetophenone	7.22	105	492485	45.304	ng	# 92
24) Nitrobenzene	7.39	77	394353	42.532	ng	100
25) Isophorone	7.63	82	710433	43.267	ng	98
26) 2-Nitrophenol	7.71	139	194051	44.399	ng	95
27) 2,4-Dimethylphenol	7.75	122	312788	47.568	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	432745	42.521	ng	99
29) 2,4-Dichlorophenol	7.96	162	307055	44.226	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	330283	41.733	ng	99
31) Naphthalene	8.10	128	1023043	43.860	ng	99
32) Benzoic acid	7.92	122	161635	34.866	ng	97
33) 4-Chloroaniline	8.16	127	292654	28.081	ng	98
34) Hexachlorobutadiene	8.22	225	187935	41.227	ng	98
35) Caprolactam	8.54	113	92193m	41.057	ng	
36) 4-Chloro-3-methylphenol	8.66	107	315156	43.634	ng	99
37) 2-Methylnaphthalene	8.80	142	675474	43.972	ng	99
38) 1-Methylnaphthalene	8.90	142	623828	42.926	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	311193	44.432	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116429.D
 Acq On : 20 Aug 2019 12:38
 Operator : HP/JU
 Sample : PB122210BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB122210BS

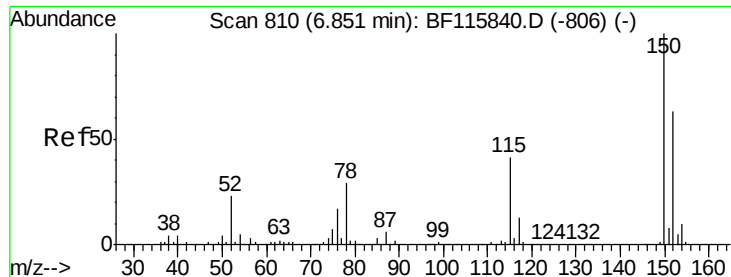
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM

Quant Time: Aug 20 15:33:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	142546	47.902	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	186255	38.636	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	191096	38.348	ng	97
46) 1,1'-Biphenyl	9.26	154	817338	44.191	ng	99
47) 2-Chloronaphthalene	9.29	162	646585	42.003	ng	99
48) 2-Nitroaniline	9.39	65	200222	39.350	ng	97
49) Acenaphthylene	9.70	152	942548	41.969	ng	99
50) Dimethylphthalate	9.56	163	741487	41.568	ng	100
51) 2,6-Dinitrotoluene	9.63	165	167531	43.217	ng	96
52) Acenaphthene	9.87	154	579238	42.041	ng	99
53) 3-Nitroaniline	9.80	138	133017	27.770	ng	99
54) 2,4-Dinitrophenol	9.93	184	114097	60.030	ng	98
55) Dibenzofuran	10.05	168	812769	40.564	ng	98
56) 4-Nitrophenol	9.99	139	157137	51.211	ng	93
57) 2,4-Dinitrotoluene	10.05	165	199079	38.572	ng	# 90
58) Fluorene	10.39	166	672451	43.622	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	169934	40.533	ng	98
60) Diethylphthalate	10.26	149	721460	43.321	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	339386	43.471	ng	99
62) 4-Nitroaniline	10.42	138	160866	32.498	ng	98
63) Azobenzene	10.53	77	742074	43.321	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	103034	43.392	ng	99
66) n-Nitrosodiphenylamine	10.50	169	601958	44.634	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	208117	43.389	ng	98
68) Hexachlorobenzene	10.94	284	228748	41.242	ng	98
69) Atrazine	11.02	200	181535	40.916	ng	99
70) Pentachlorophenol	11.15	266	147166	54.651	ng	100
71) Phenanthrene	11.35	178	981888	42.865	ng	100
72) Anthracene	11.40	178	1007524	43.461	ng	99
73) Carbazole	11.56	167	898733	42.732	ng	99
74) Di-n-butylphthalate	11.87	149	1134220	46.229	ng	99
75) Fluoranthene	12.54	202	1034314	43.131	ng	98
77) Benzidine	12.66	184	282689	26.870	ng	98
78) Pyrene	12.77	202	1039565	44.286	ng	99
80) Butylbenzylphthalate	13.37	149	475939	47.932	ng	96
81) Benzo(a)anthracene	13.96	228	852354	42.824	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	268919	38.890	ng	99
83) Chrysene	13.99	228	846793	43.822	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	666240	51.633	ng	# 97
85) Di-n-octyl phthalate	14.53	149	1069123	52.165	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	726045	44.736	ng	99
88) Benzo(b)fluoranthene	15.00	252	758564	48.876	ng	99
89) Benzo(k)fluoranthene	15.03	252	723032	47.829	ng	99
90) Benzo(a)pyrene	15.36	252	700875	50.517	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	619639	51.596	ng	98
92) Benzo(g,h,i)perylene	17.32	276	608576	51.599	ng	97

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



#1

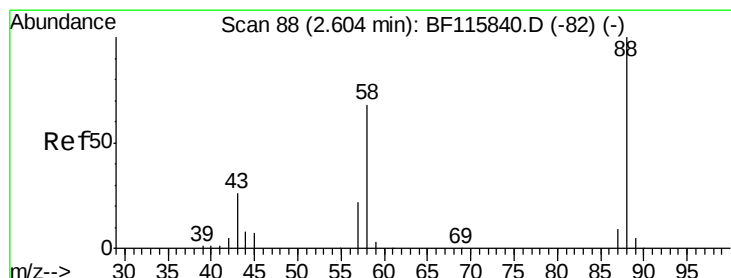
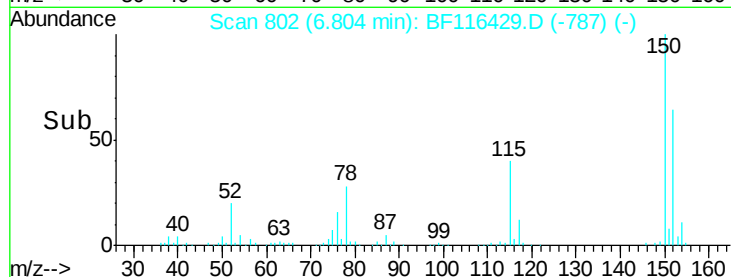
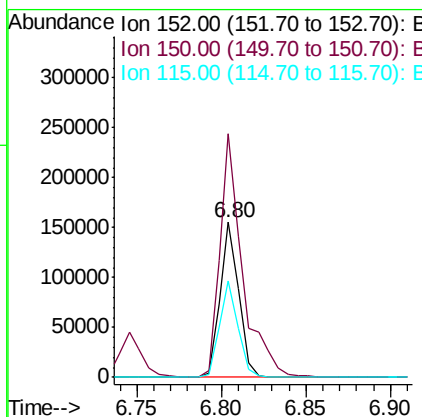
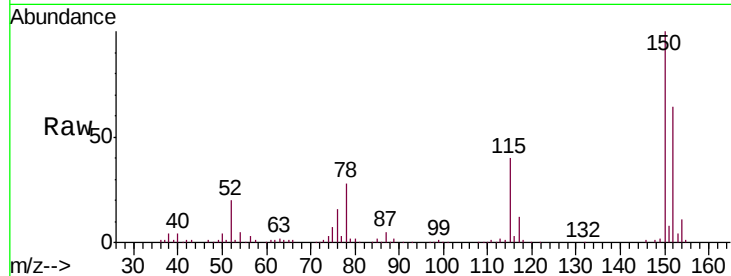
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.4	49.9	74.9

Manual Integrations
APPROVED

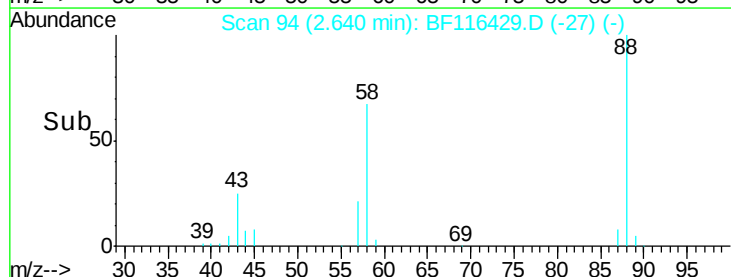
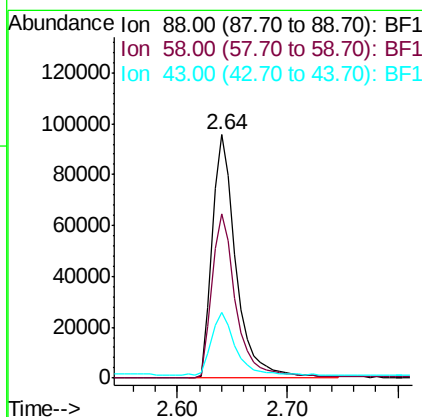
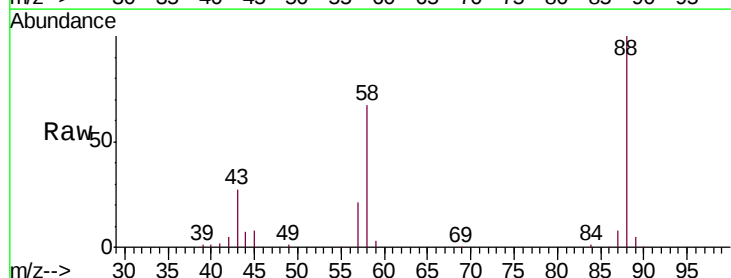
Jagrut
8/21/2019 3:51:09 PM

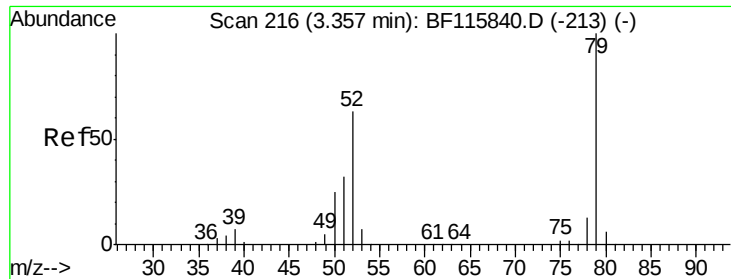


#2

1,4-Dioxane
Concen: 39.305 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.09 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	53.7	80.5
43	26.1	21.0	31.4





#3

Pyridine

Concen: 32.665 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.10 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

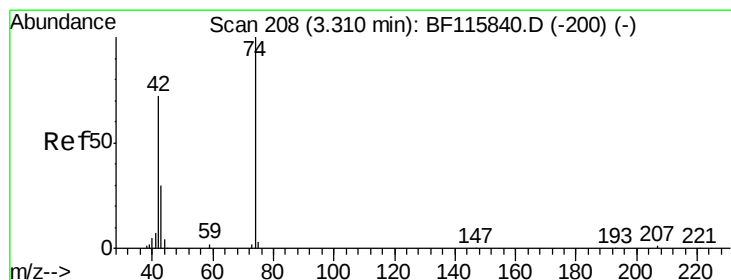
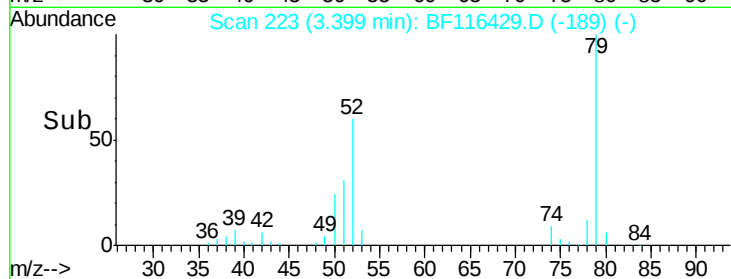
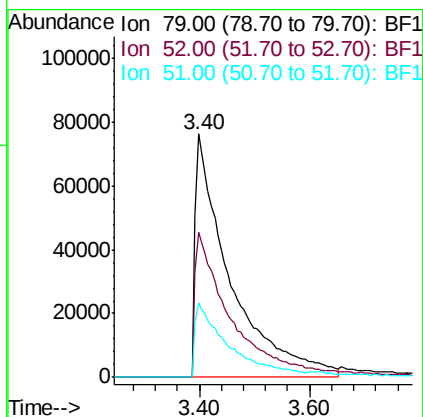
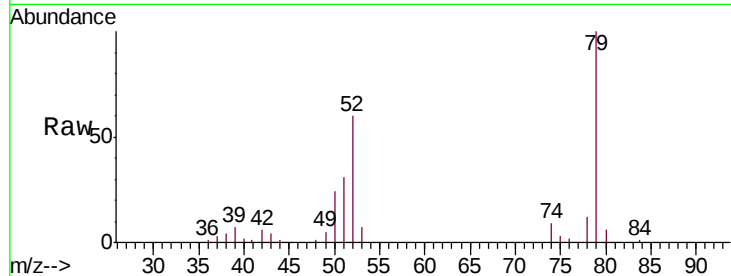
ClientSampleId :

PB122210BS

Tgt Ion:	79	Resp:	331543
Ion	Ratio	Lower	Upper
79	100		
52	59.6	49.8	74.8
51	30.5	25.2	37.8

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#4

n-Nitrosodimethylamine

Concen: 38.670 ng

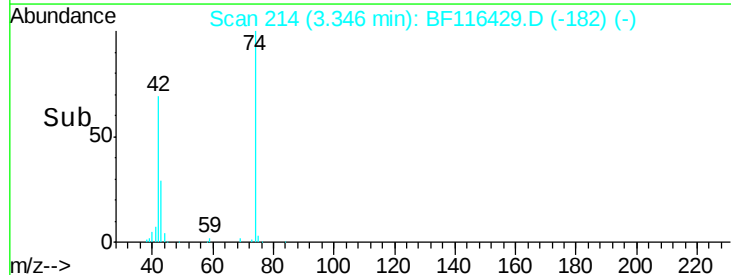
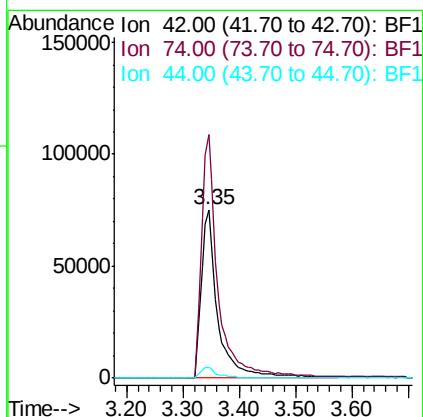
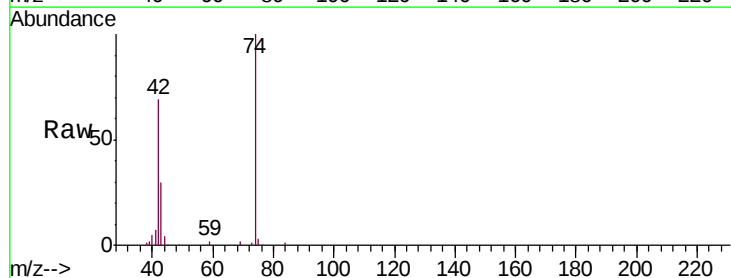
RT: 3.35 min Scan# 214

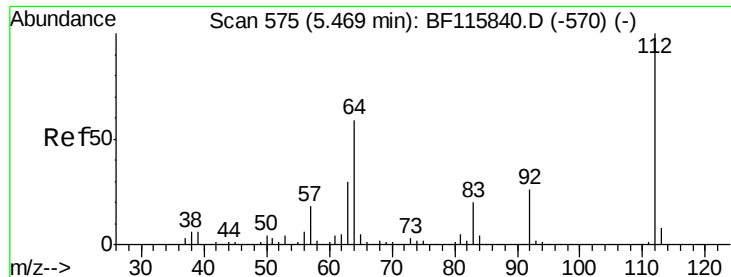
Delta R.T. 0.09 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	42	Resp:	154892
Ion	Ratio	Lower	Upper
42	100		
74	144.7	116.0	174.0
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 118.192 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

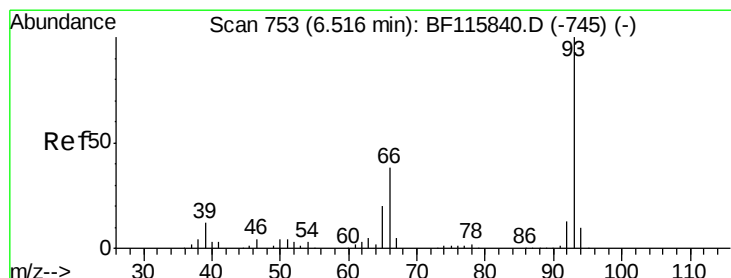
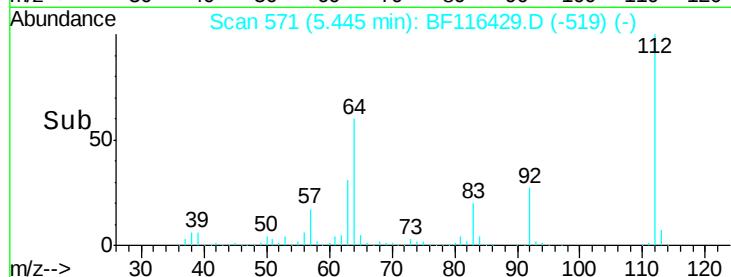
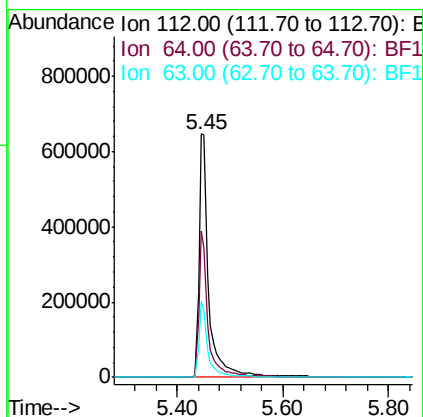
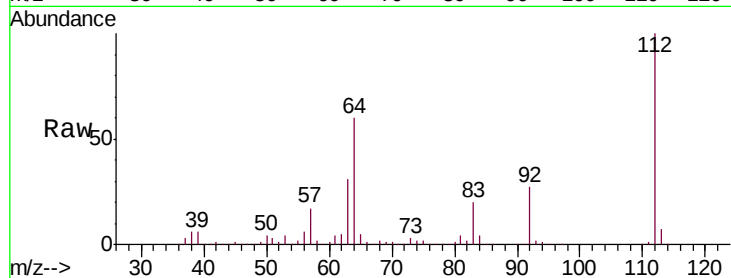
ClientSampleId :

PB122210BS

Tgt Ion:	112	Resp:	850074
Ion Ratio	Lower	Upper	
112	100		
64	59.9	45.4	68.2
63	31.1	23.7	35.5

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#6

Aniline

Concen: 29.253 ng

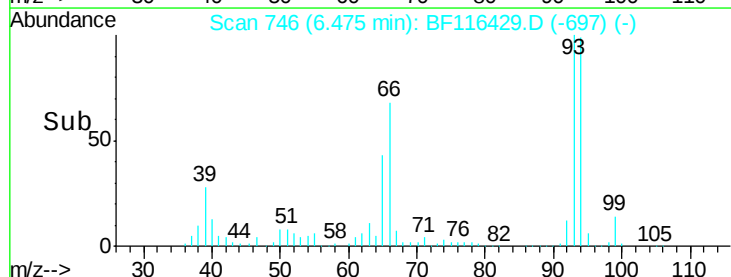
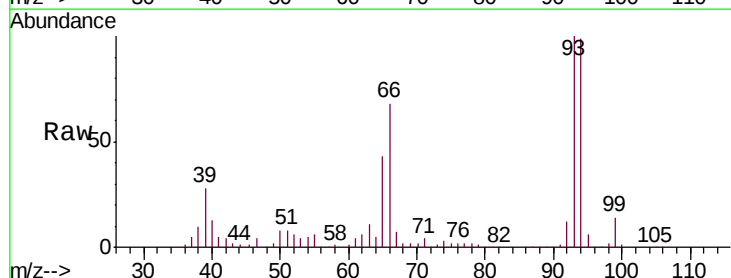
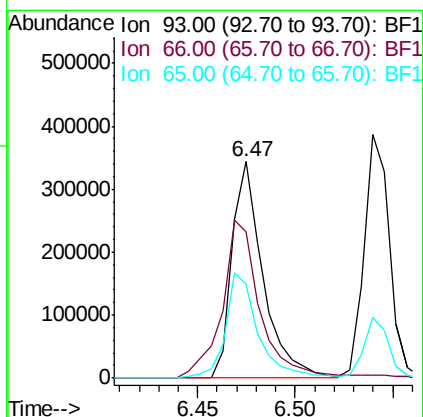
RT: 6.47 min Scan# 746

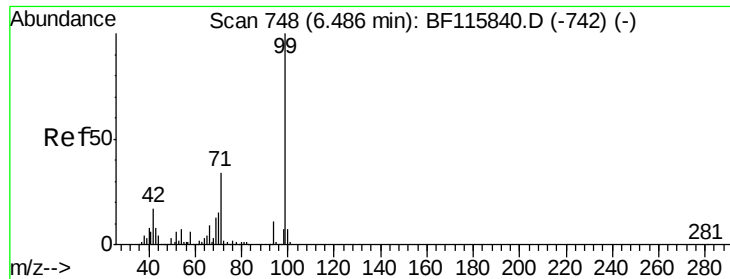
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	93	Resp:	380159
Ion Ratio	Lower	Upper	
93	100		
66	67.7	32.2	48.4#
65	43.0	17.0	25.6#





#7

Phenol-d6

Concen: 111.883 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

PB122210BS

Tgt Ion: 99 Resp: 1015268

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

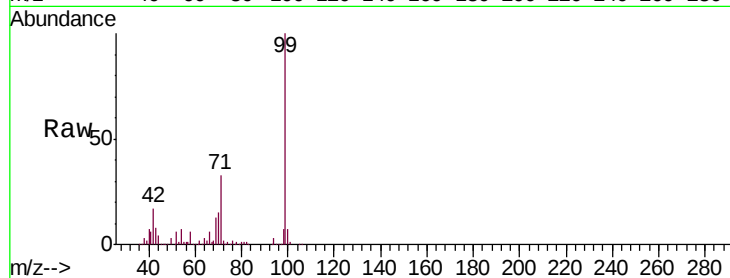
71 33.4 27.3 40.9

Manual Integrations

APPROVED

Jagrut

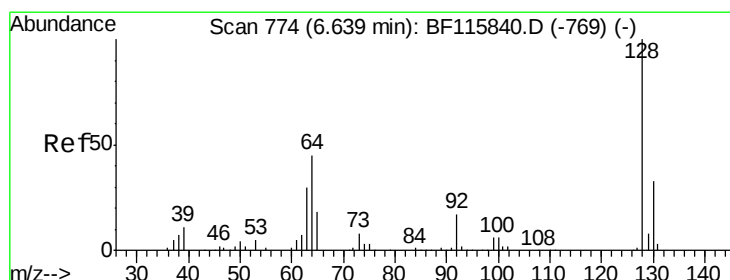
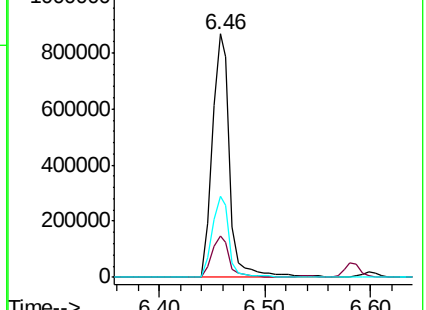
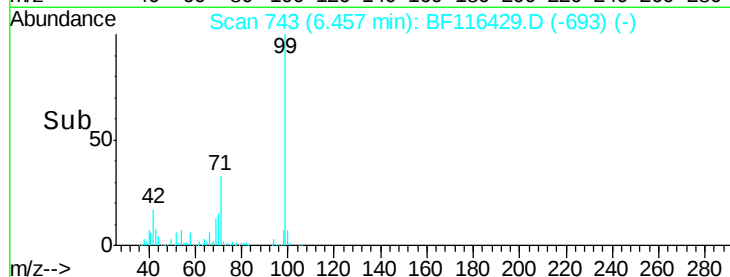
8/21/2019 3:51:09 PM



Abundance Ion 99.00 (98.70 to 99.70): BF116429.D (-693) (-)

Ion 42.00 (41.70 to 42.70): BF116429.D (-693) (-)

Ion 71.00 (70.70 to 71.70): BF116429.D (-693) (-)



#8

2-Chlorophenol

Concen: 44.687 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

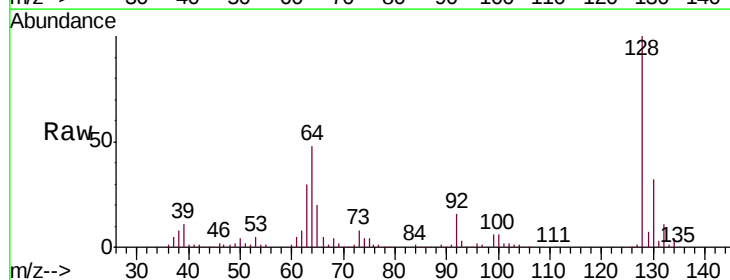
Tgt Ion: 128 Resp: 355410

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

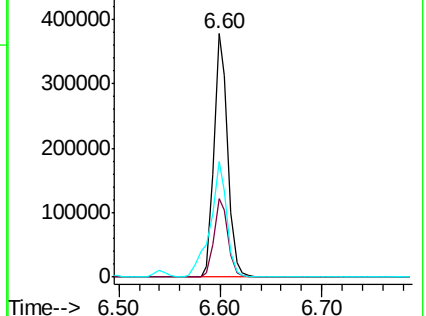
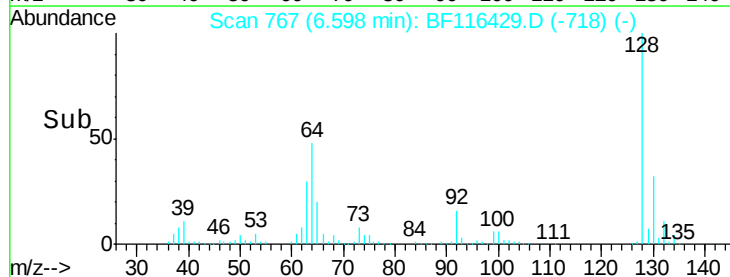
64 47.5 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): BF116429.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BF116429.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BF116429.D (-718) (-)





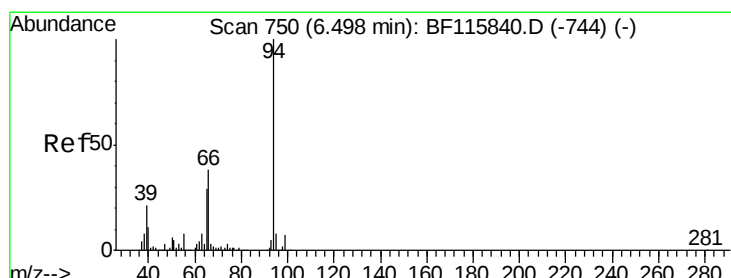
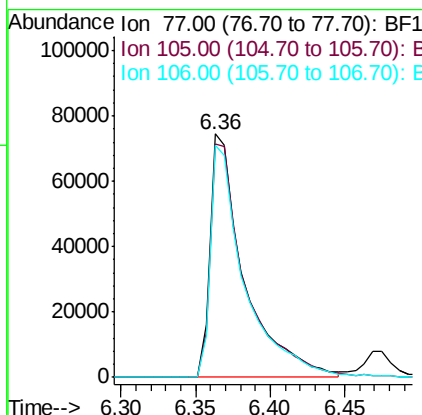
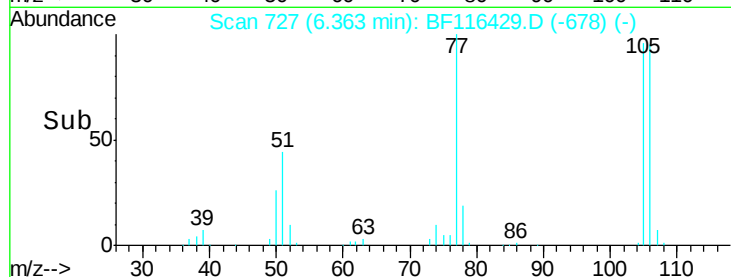
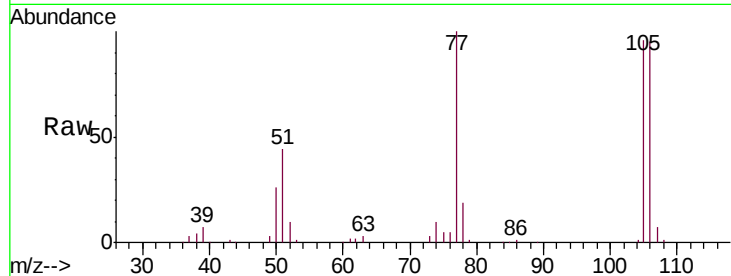
#9
Benzaldehyde
Concen: 18.847 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.0	79.2	119.2
106	95.2	74.3	114.3

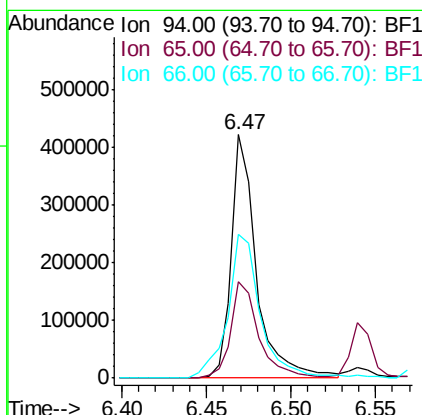
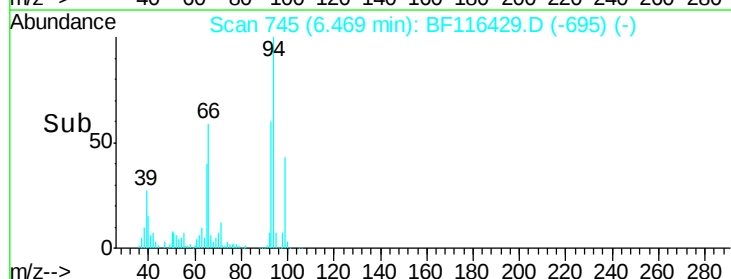
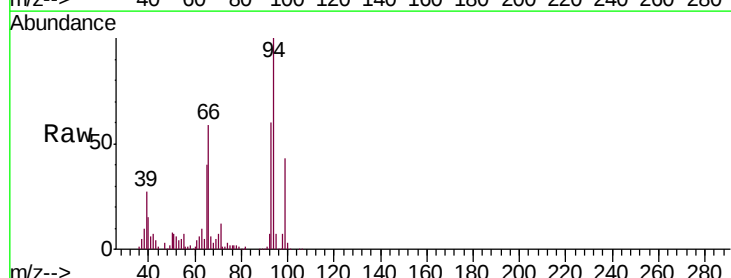
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#10
Phenol
Concen: 40.880 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.5	16.8	56.8
66	59.2	34.2	74.2





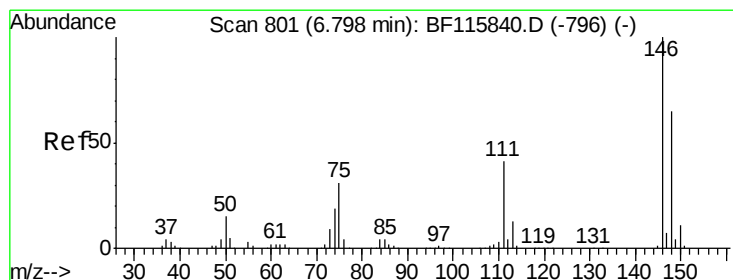
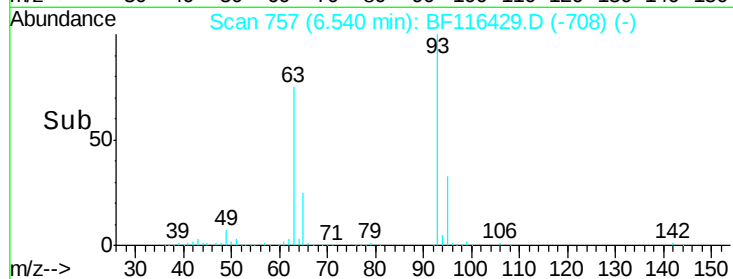
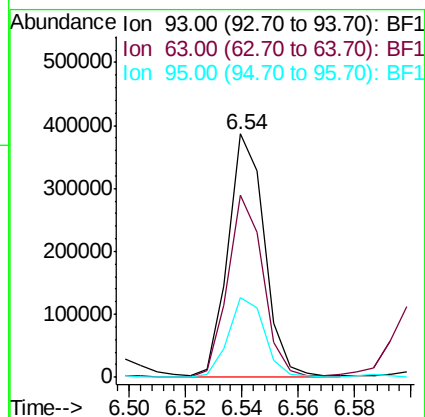
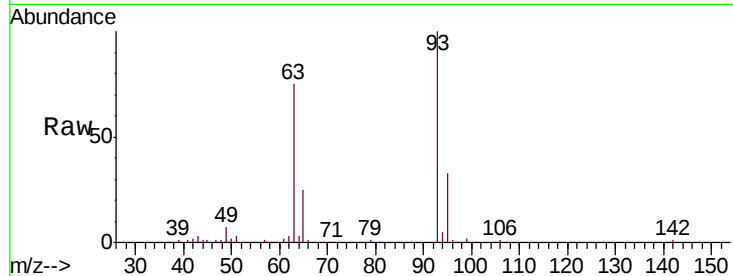
#11
bis(2-Chloroethyl)ether
Concen: 44.375 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion:	93	Resp:	348632
Ion	Ratio	Lower	Upper
93	100		
63	75.0	51.9	91.9
95	32.5	13.0	53.0

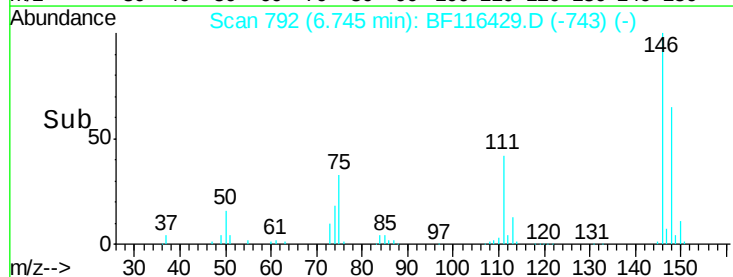
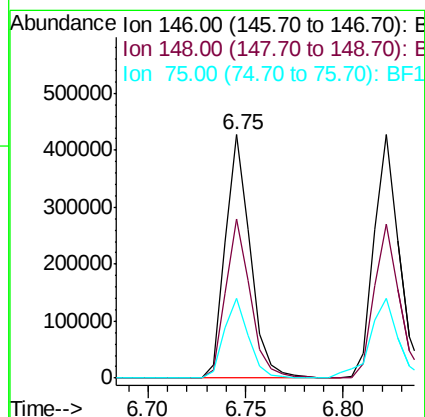
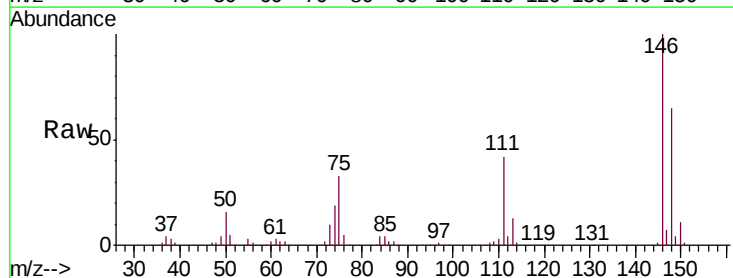
Manual Integrations
APPROVED

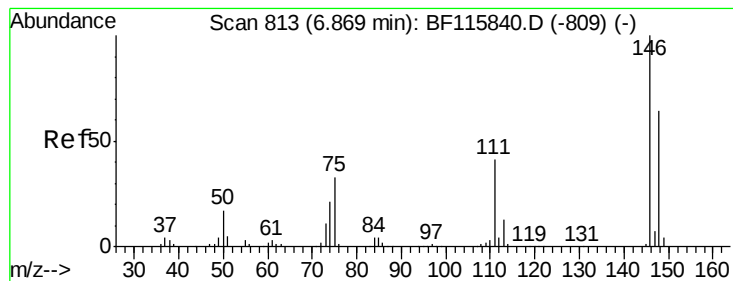
Jagrut
8/21/2019 3:51:09 PM



#12
1,3-Dichlorobenzene
Concen: 41.159 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion:	146	Resp:	378313
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
75	33.0	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 42.552 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

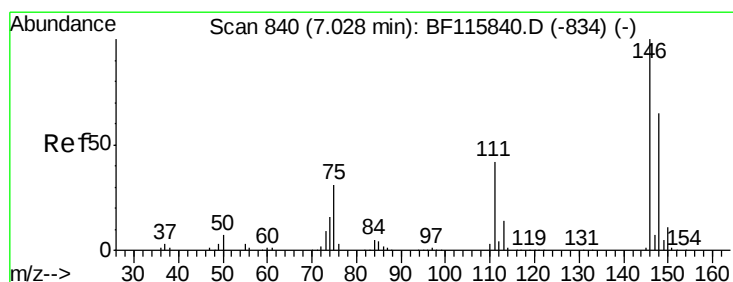
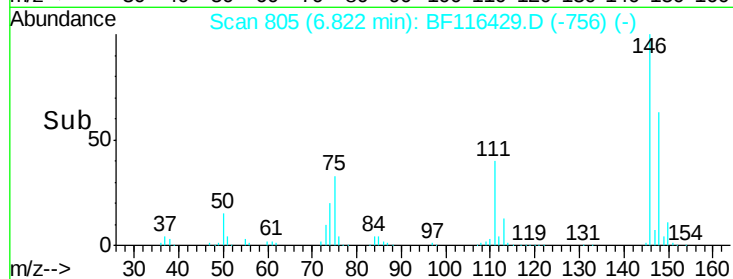
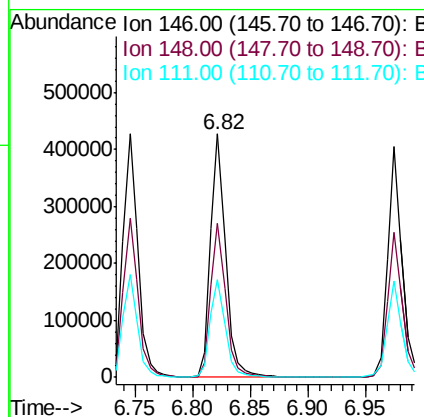
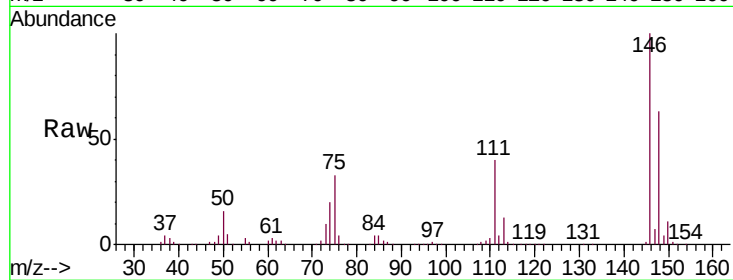
ClientSampled :

PB122210BS

Tgt Ion:	146	Resp:	391611
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.3	76.9
111	40.3	34.0	51.0

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#14

1,2-Dichlorobenzene

Concen: 42.377 ng

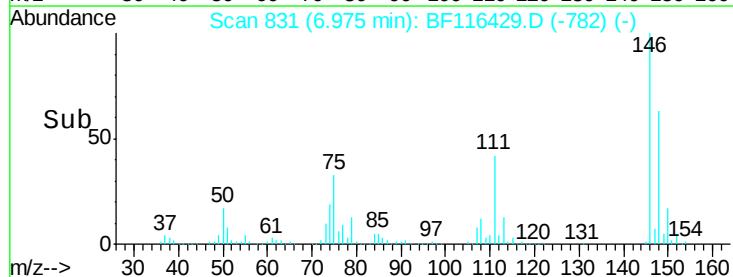
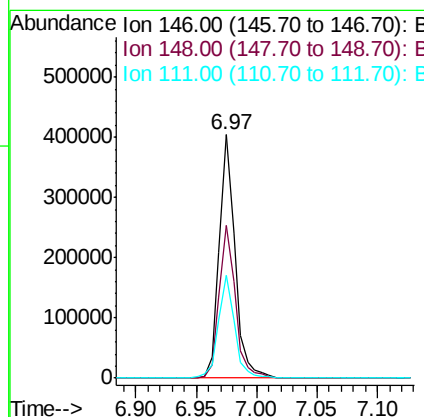
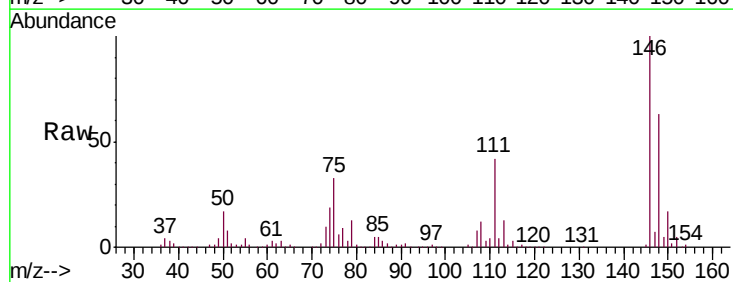
RT: 6.97 min Scan# 831

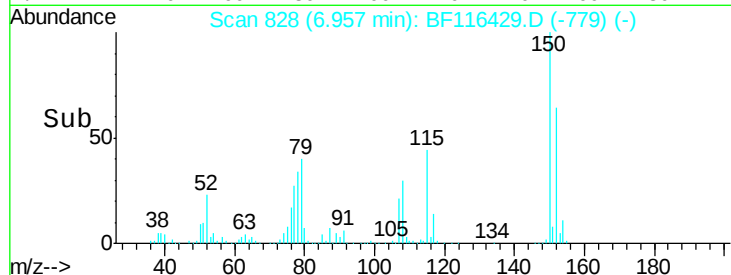
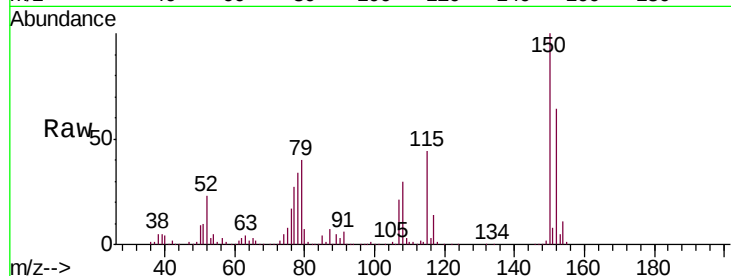
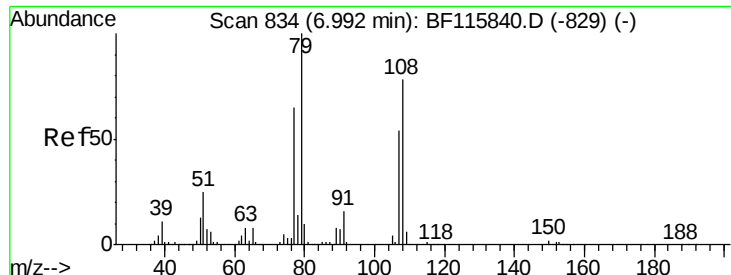
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	146	Resp:	359110
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.2	76.8
111	42.0	33.5	50.3





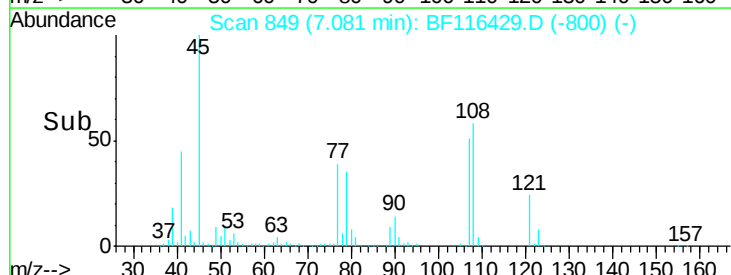
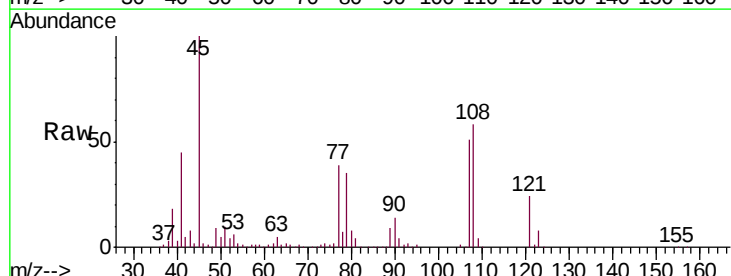
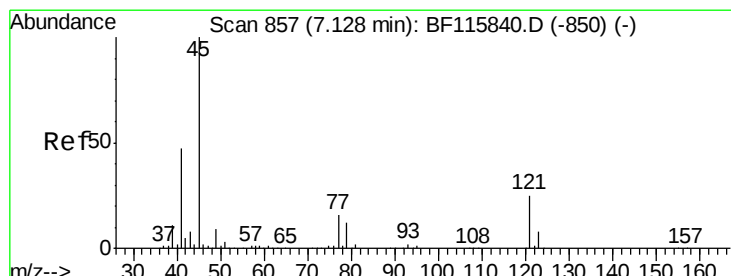
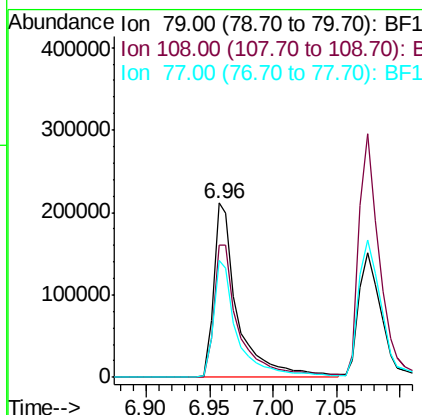
#15
Benzyl Alcohol
Concen: 41.092 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.8	62.7	94.1
77	66.9	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
PB122210BS

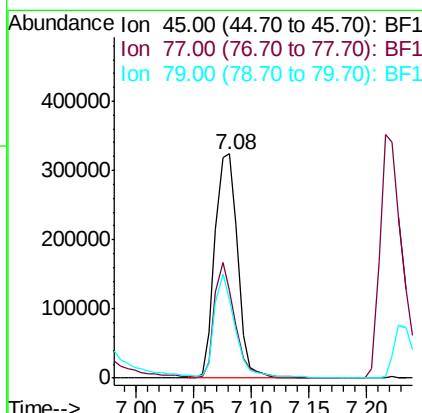
Manual Integrations
APPROVED

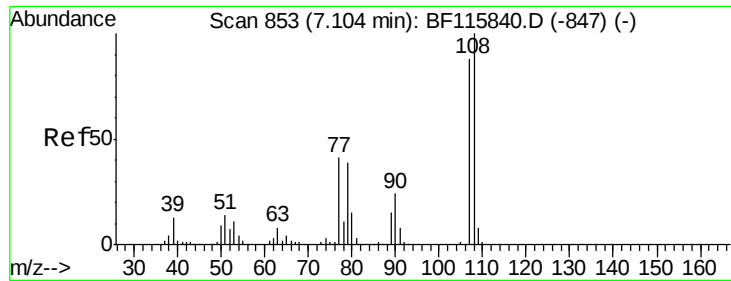
Jagrut
8/21/2019 3:51:09 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.242 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.2	0.0	40.0
79	34.8	0.0	35.9





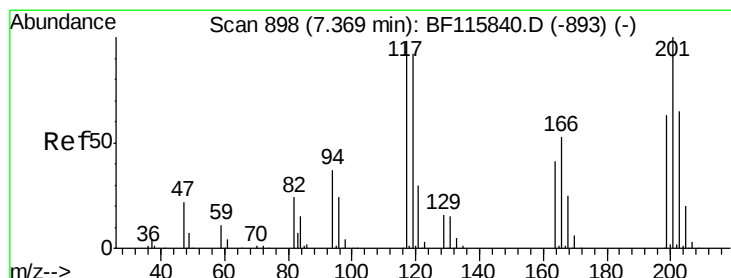
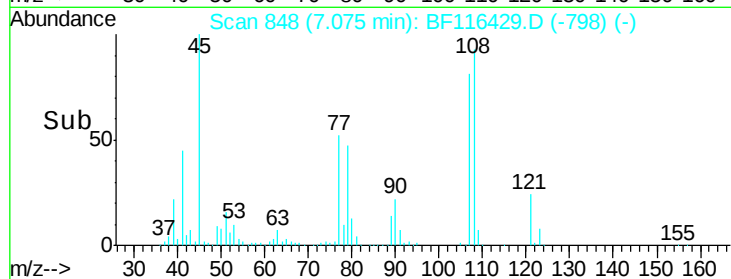
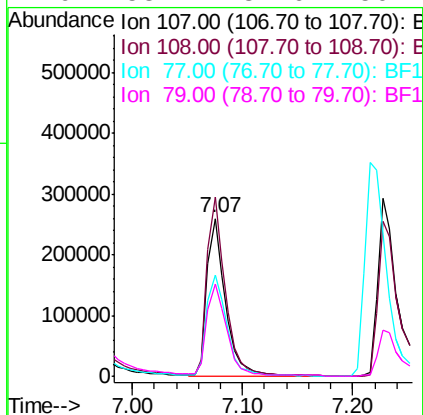
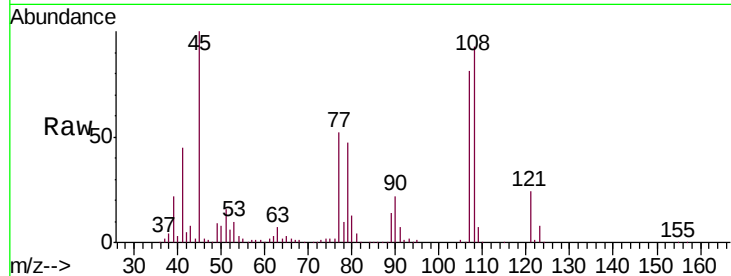
#17
2-Methylphenol
Concen: 43.260 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	291330		
108	113.8	91.2	136.8	
77	64.2	40.3	60.5	
79	58.1	37.6	56.4	

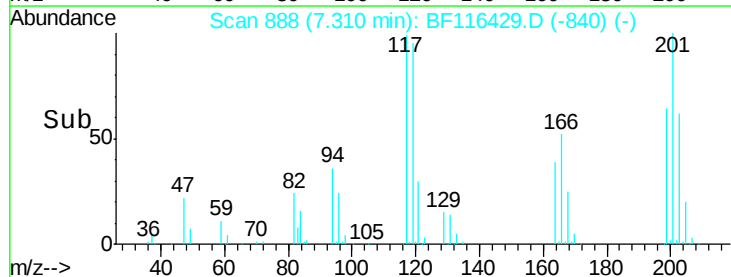
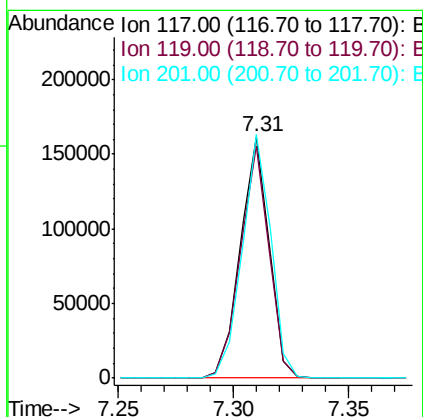
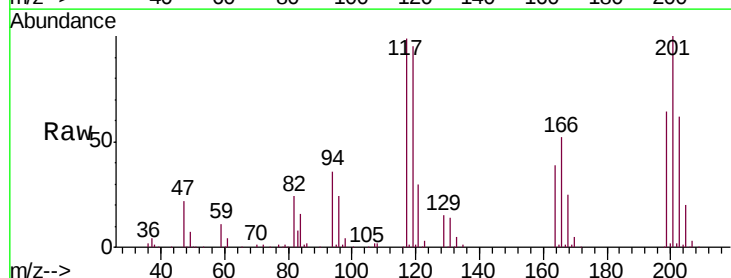
Manual Integrations
APPROVED

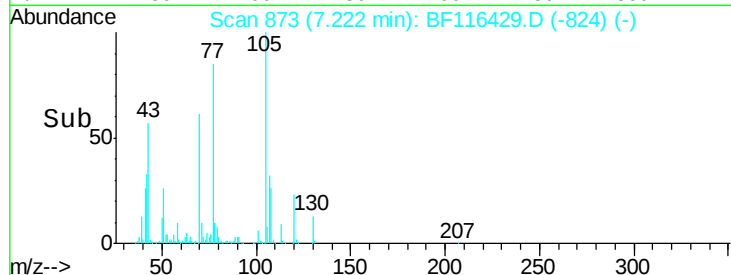
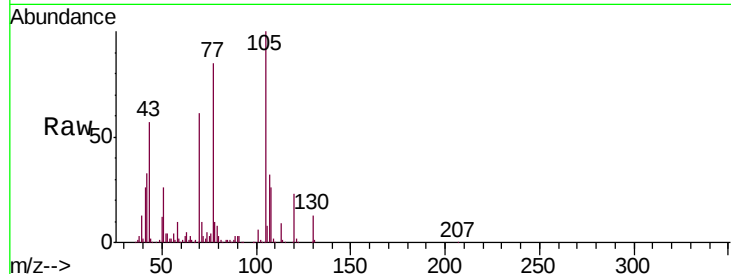
Jagrut
8/21/2019 3:51:09 PM



#18
Hexachloroethane
Concen: 41.651 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	141131		
119	96.2	76.1	114.1	
201	101.0	77.0	115.4	





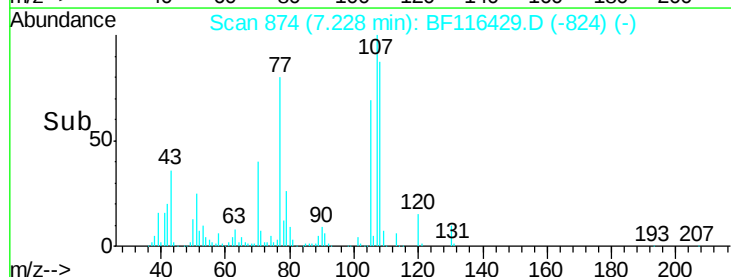
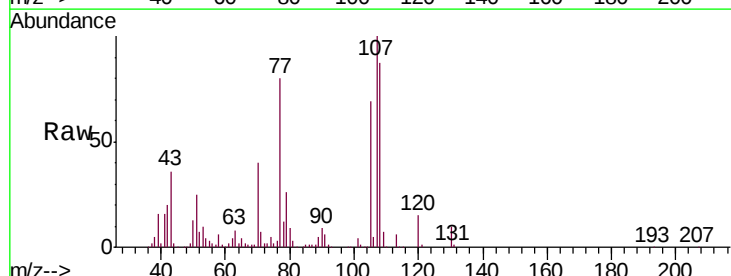
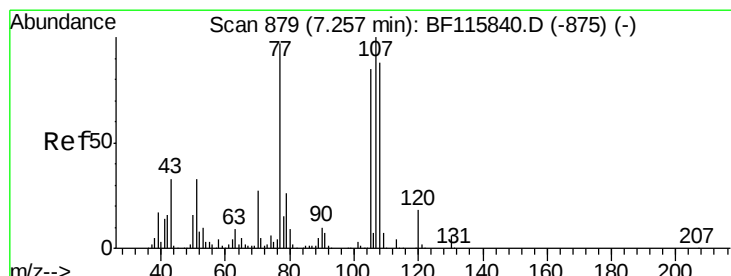
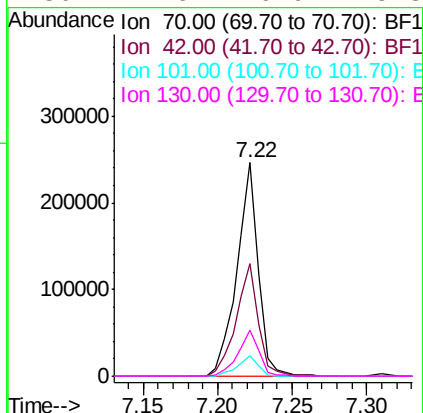
#19
n-Nitroso-di-n-propylamine
Concen: 44.036 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Manual Integrations
APPROVED

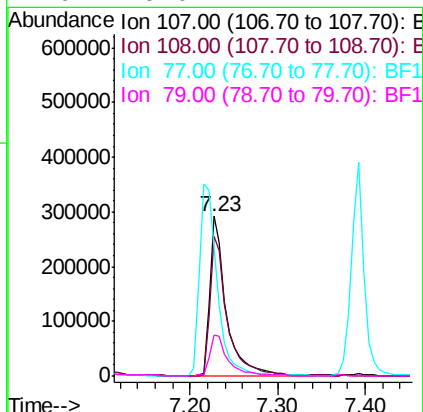
Jagrut
8/21/2019 3:51:09 PM

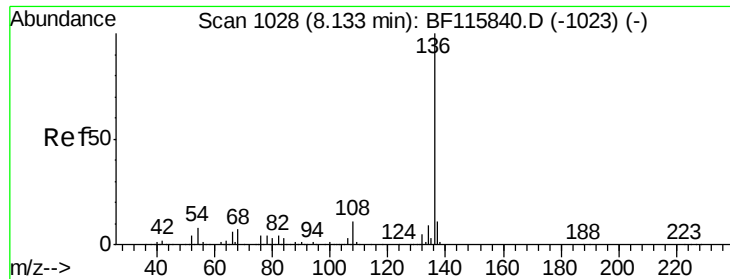
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.0	40.9	61.3
101	9.7	7.9	11.9
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 47.232 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.6	107.6
77	80.0	104.4	144.4#
79	26.0	7.4	47.4





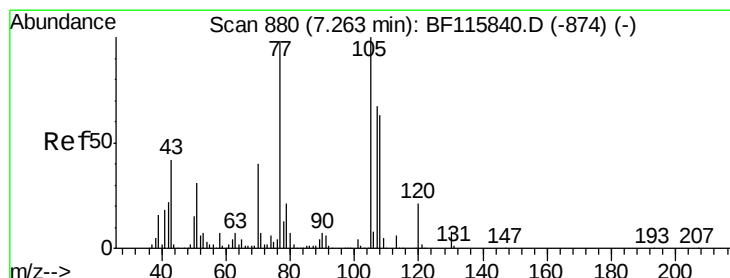
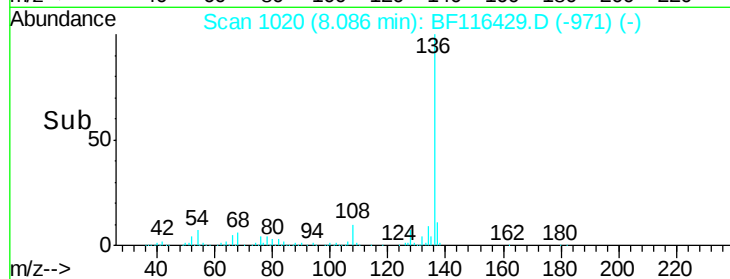
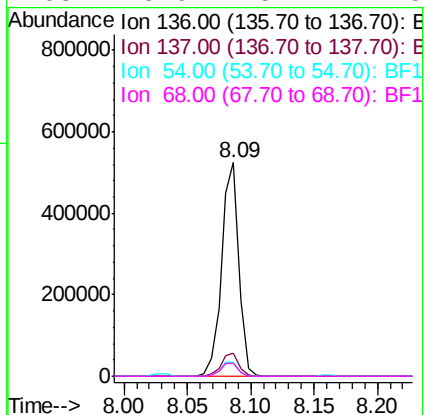
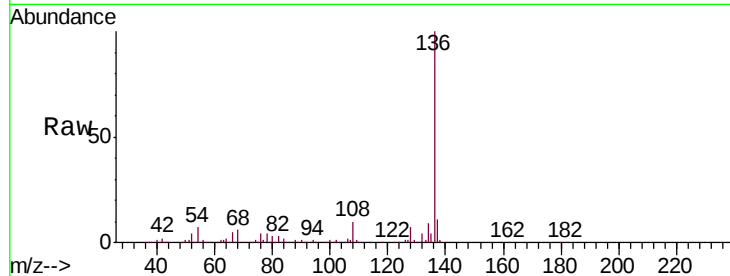
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	495667		
137	10.7	9.0	13.4	
54	6.6	5.8	8.6	
68	5.9	5.2	7.8	

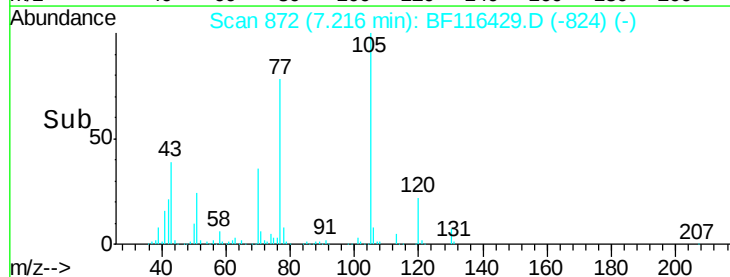
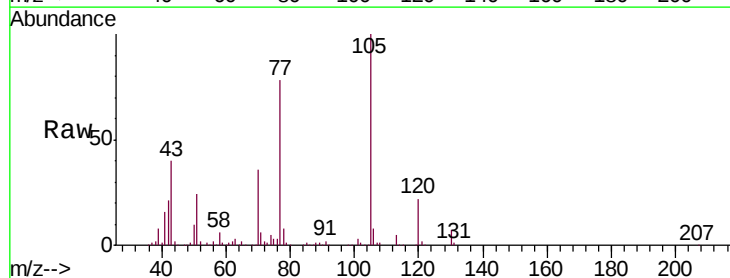
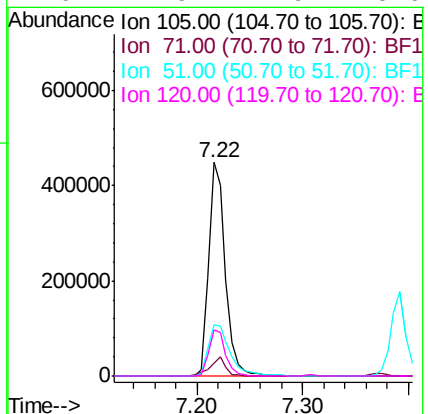
Manual Integrations
APPROVED

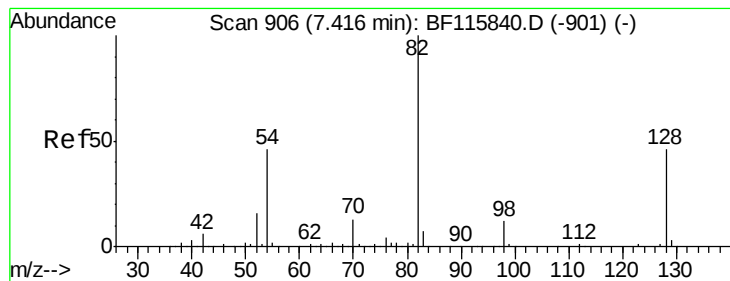
Jagrut
8/21/2019 3:51:09 PM



#22
Acetophenone
Concen: 45.304 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492485		
71	6.1	5.9	8.9	
51	24.3	25.3	37.9	
120	21.9	17.9	26.9	





#23

Nitrobenzene-d5

Concen: 77.625 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

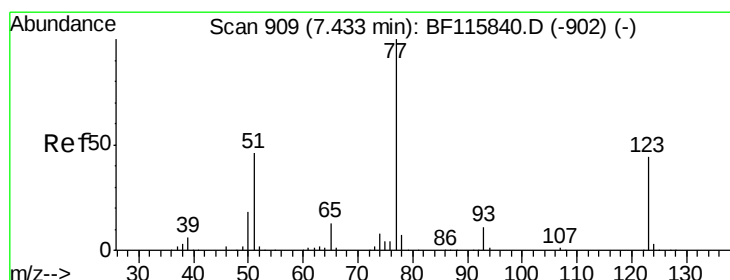
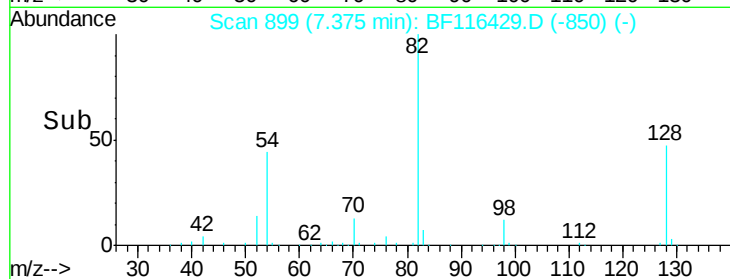
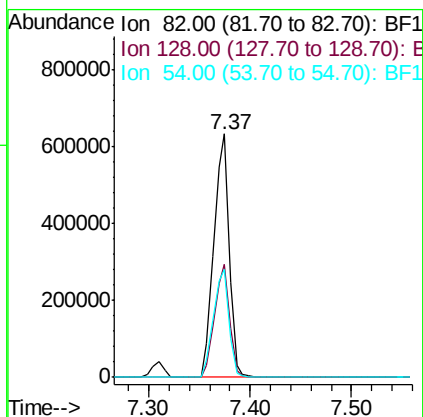
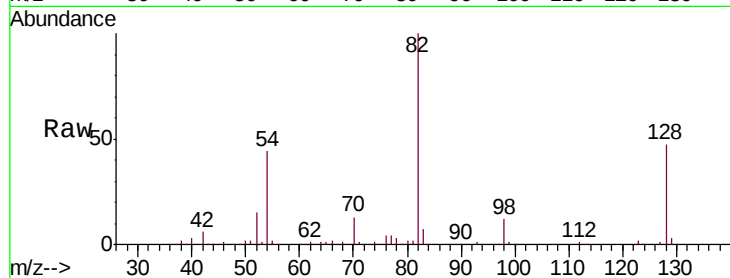
ClientSampleId :

PB122210BS

Tgt Ion:	82	Resp:	666566
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.5	54.7
54	44.3	36.0	54.0

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#24

Nitrobenzene

Concen: 42.532 ng

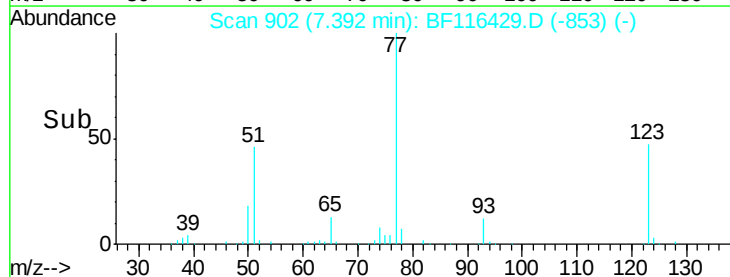
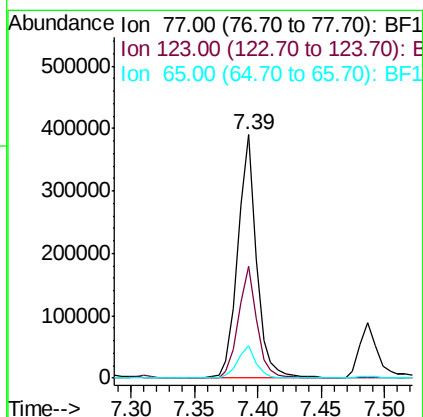
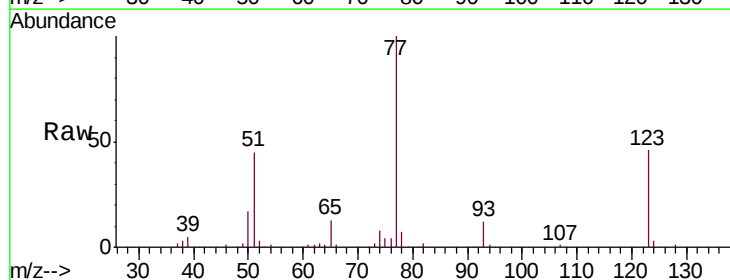
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	77	Resp:	394353
Ion Ratio	Lower	Upper	
77	100		
123	46.1	36.7	55.1
65	13.2	10.6	16.0





#25

Isophorone

Concen: 43.267 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

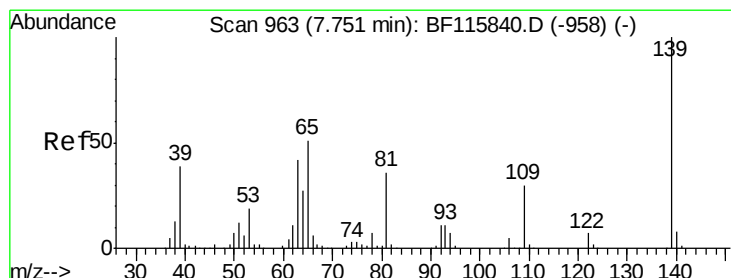
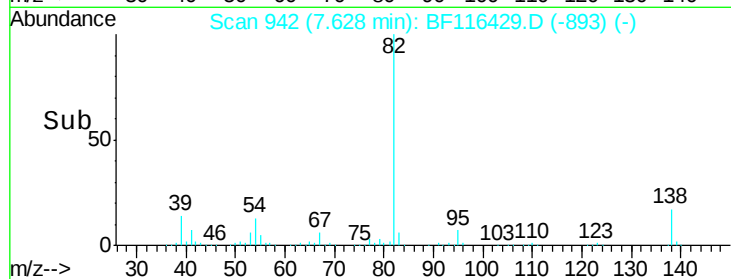
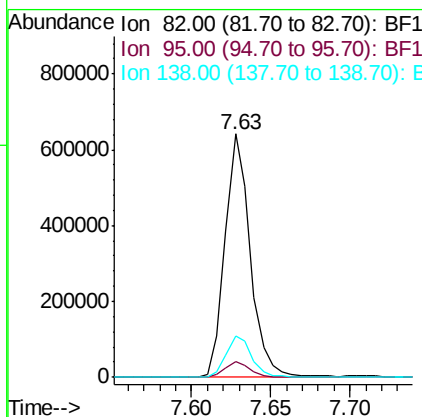
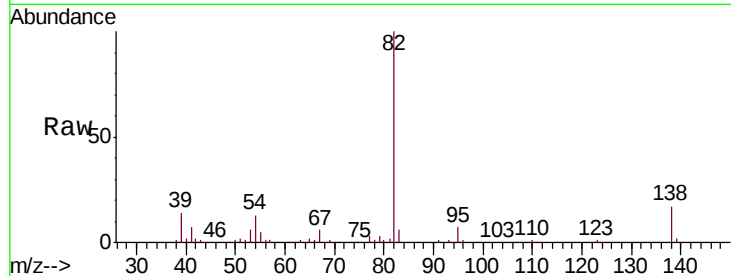
ClientSampleId :

PB122210BS

Tgt Ion:	82	Resp:	710433
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	17.2	14.5	21.7

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#26

2-Nitrophenol

Concen: 44.399 ng

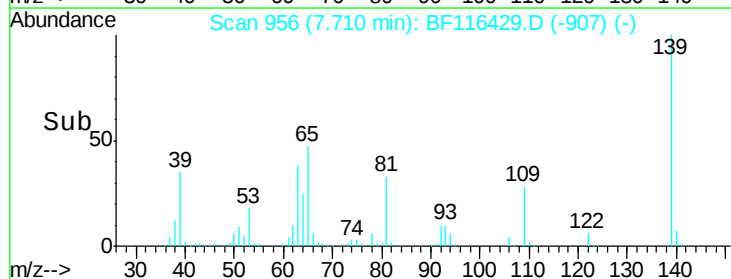
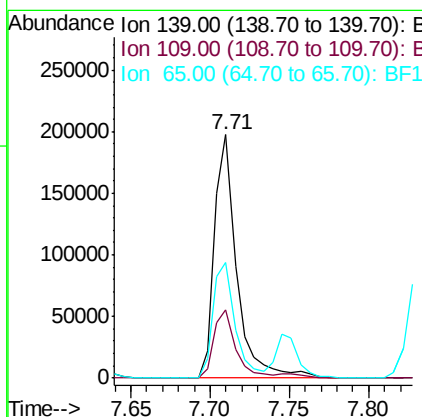
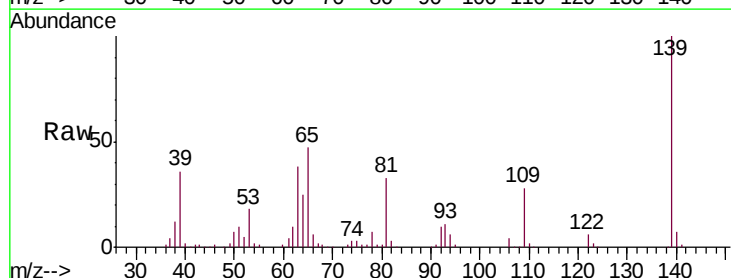
RT: 7.71 min Scan# 956

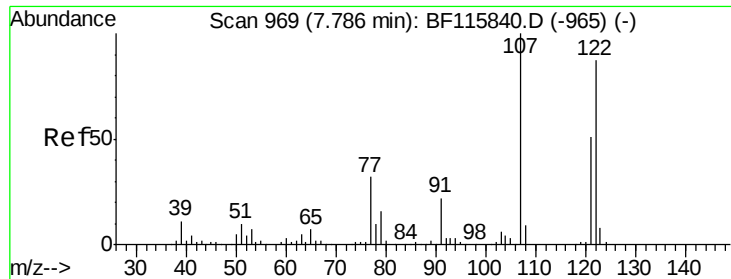
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	139	Resp:	194051
Ion Ratio	Lower	Upper	
139	100		
109	27.8	23.4	35.2
65	47.3	41.1	61.7





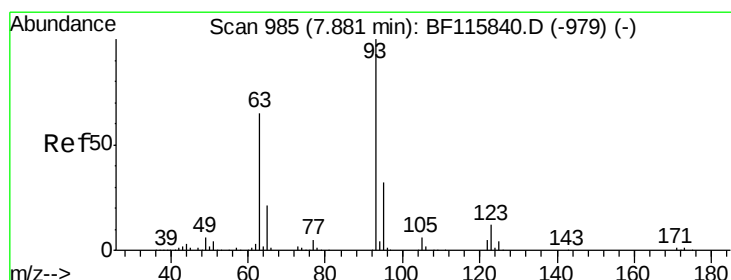
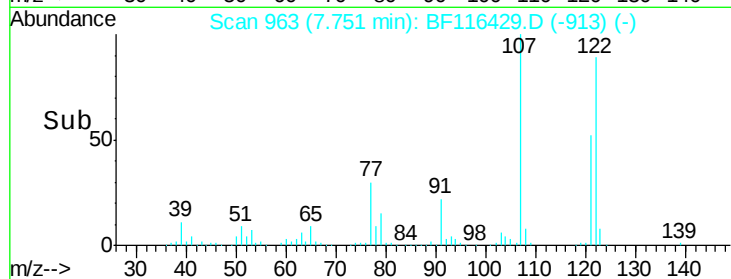
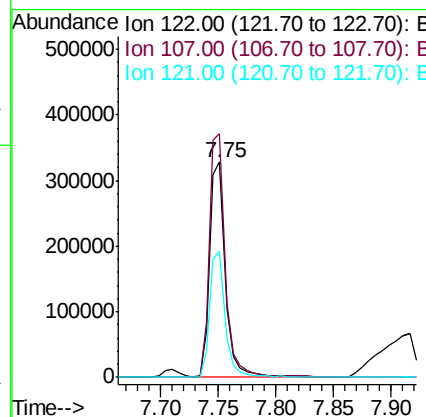
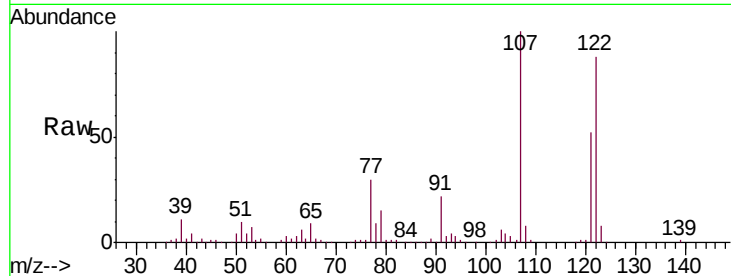
#27
2,4-Dimethylphenol
Concen: 47.568 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	312788		
107	113.1	93.0	139.6	
121	58.6	47.6	71.4	

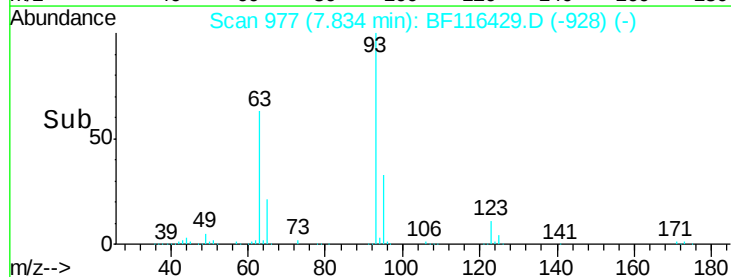
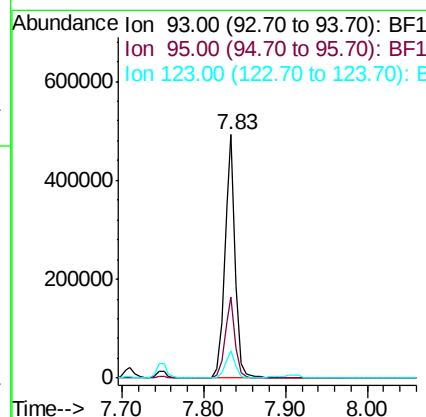
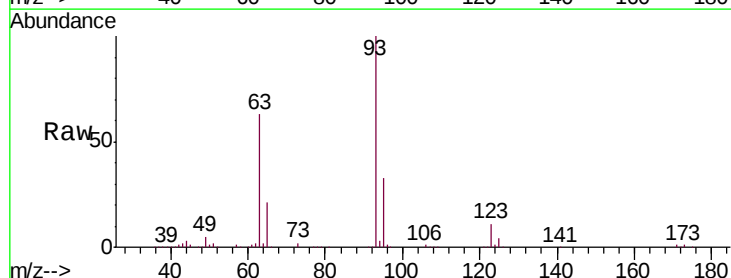
Manual Integrations
APPROVED

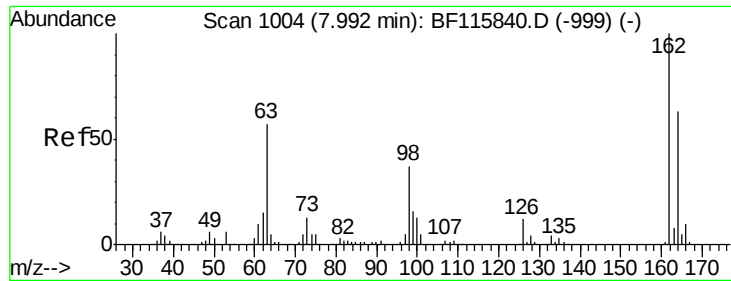
Jagrut
8/21/2019 3:51:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.521 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	432745		
95	33.3	26.2	39.4	
123	11.4	9.2	13.8	





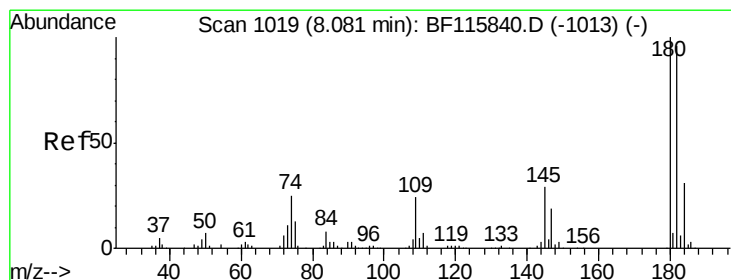
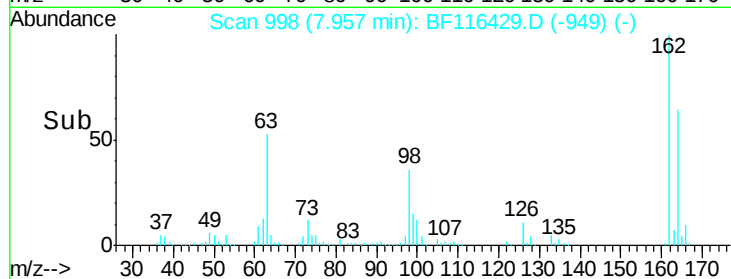
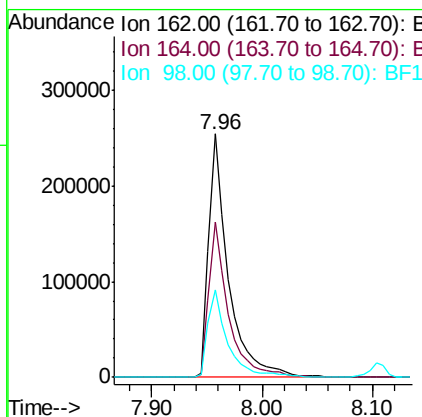
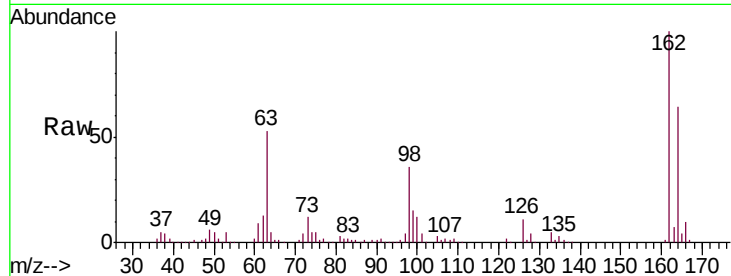
#29
 2,4-Dichlorophenol
 Concen: 44.226 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	307055		
164	63.8	45.1	85.1	
98	36.1	15.8	55.8	

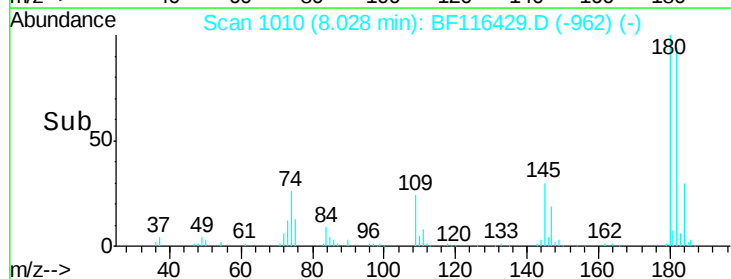
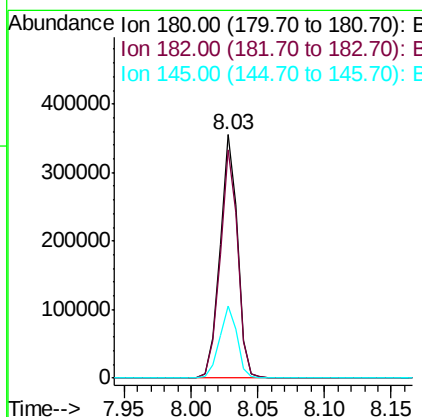
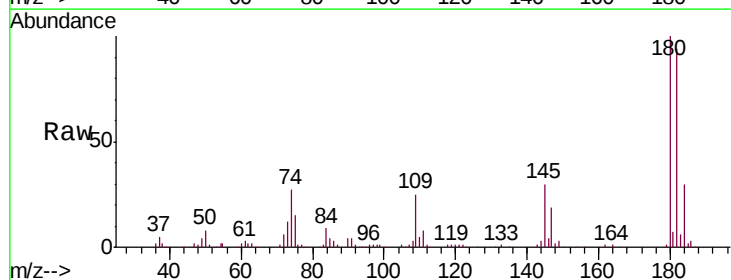
Manual Integrations
 APPROVED

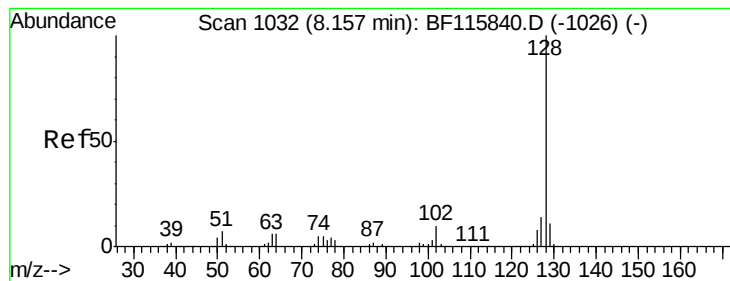
Jagrut
 8/21/2019 3:51:09 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.733 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330283		
182	93.8	75.7	113.5	
145	29.9	24.3	36.5	





#31

Naphthalene

Concen: 43.860 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

PB122210BS

Tgt Ion:128 Resp: 1023043

Ion Ratio Lower Upper

128 100

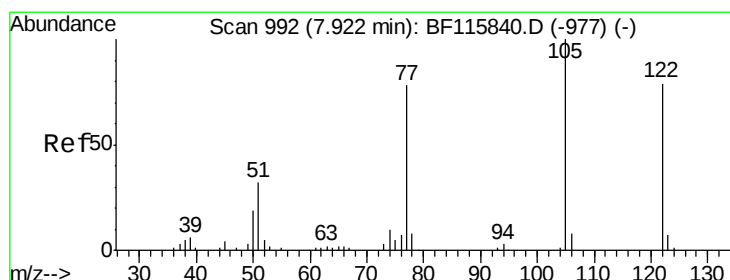
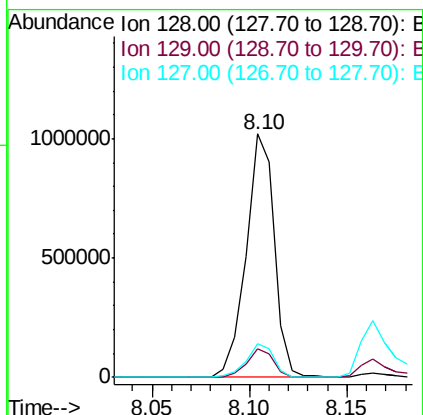
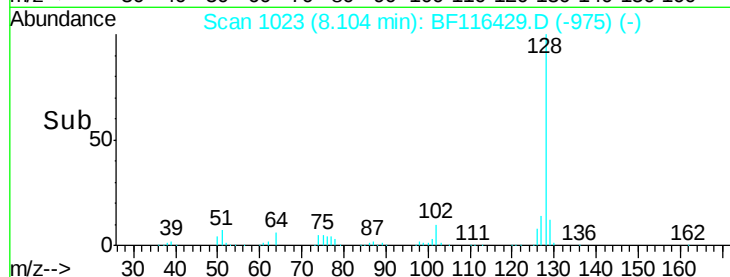
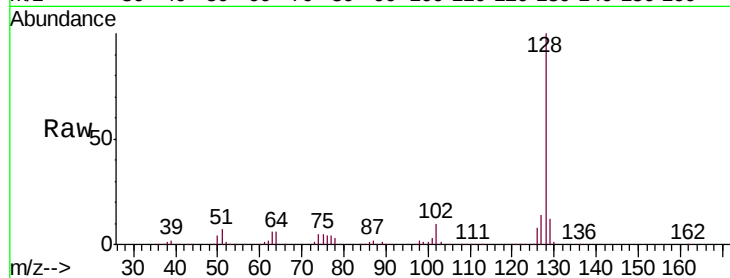
129 11.6 9.3 13.9

127 13.7 11.4 17.0

Manual Integrations
APPROVED

Jagrut

8/21/2019 3:51:09 PM



#32

Benzoic acid

Concen: 34.866 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

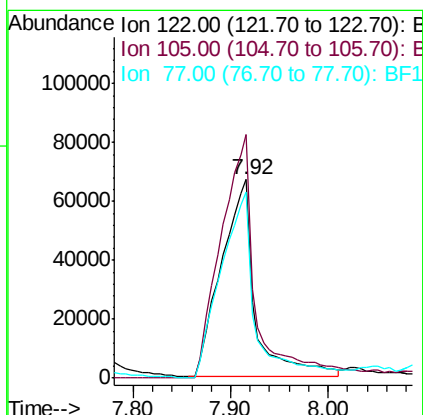
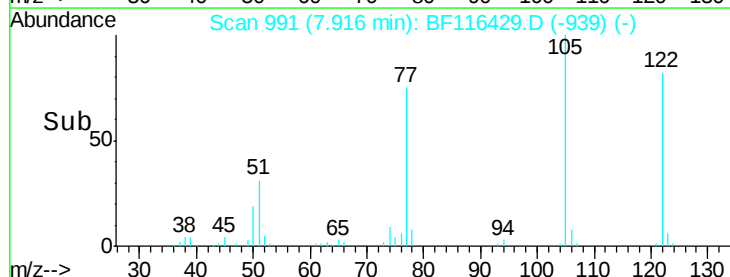
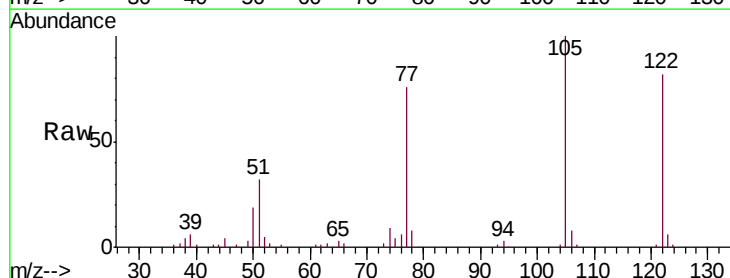
Tgt Ion:122 Resp: 161635

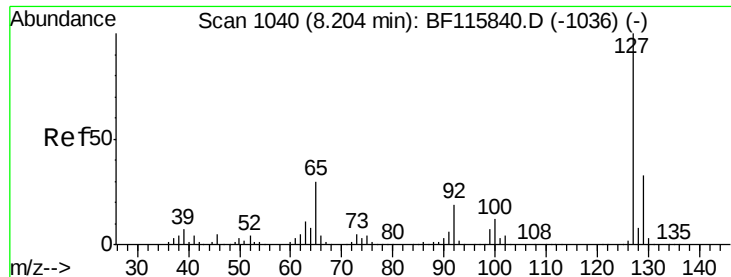
Ion Ratio Lower Upper

122 100

105 122.5 106.1 146.1

77 93.5 76.7 116.7





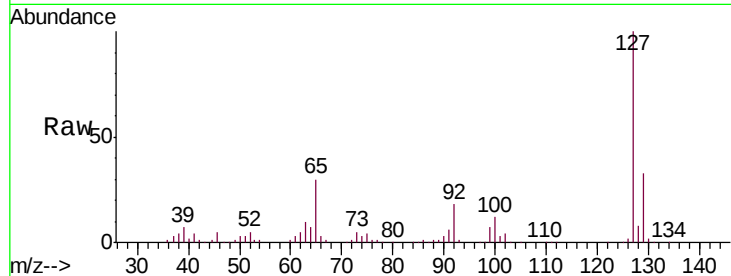
#33
4-Chloroaniline
Concen: 28.081 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

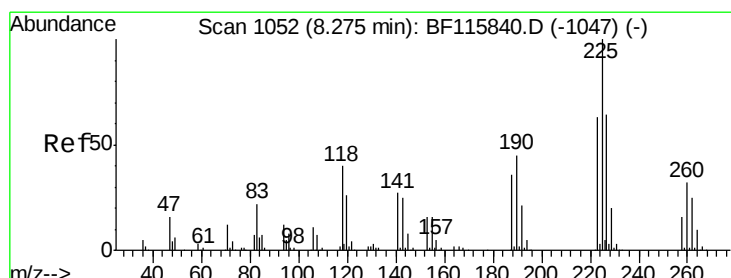
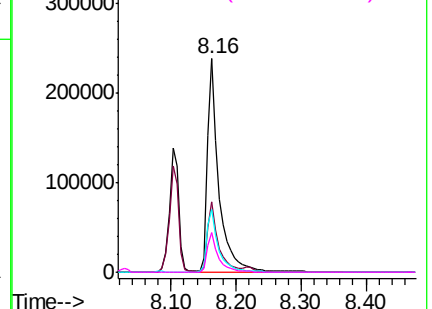
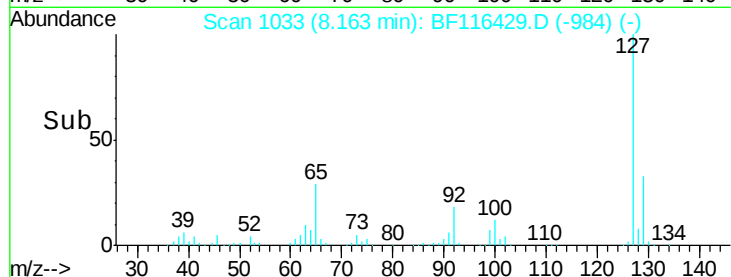
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	292654		
129	33.1	26.1	39.1	
65	29.7	24.9	37.3	
92	18.4	15.7	23.5	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM

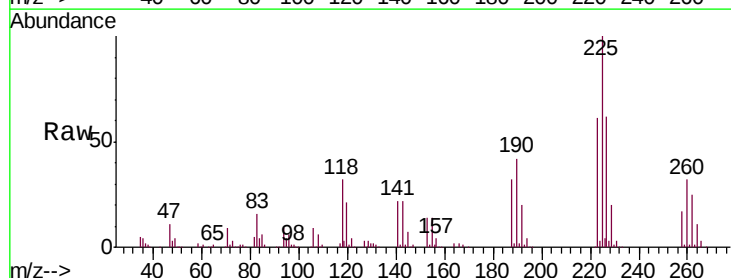


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

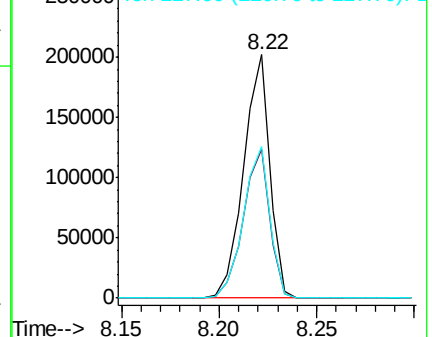
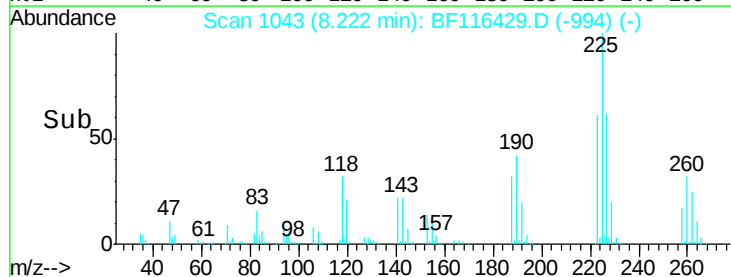


#34
Hexachlorobutadiene
Concen: 41.227 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187935		
223	60.9	50.0	75.0	
227	62.4	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





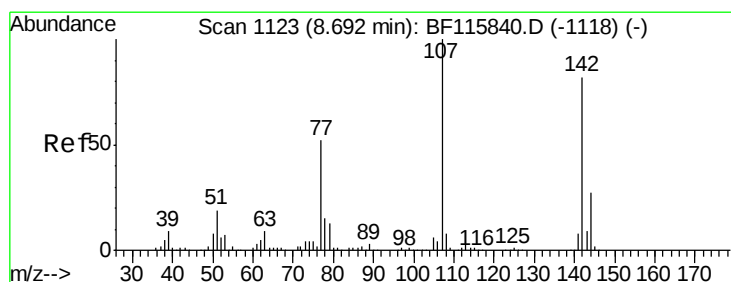
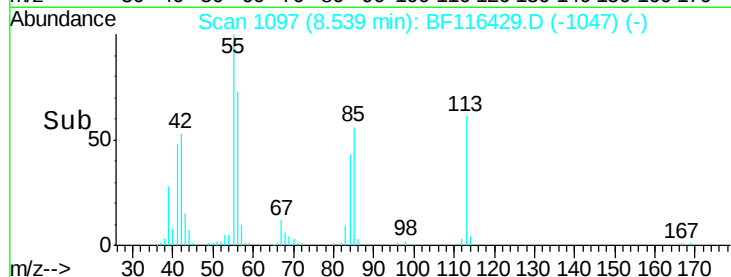
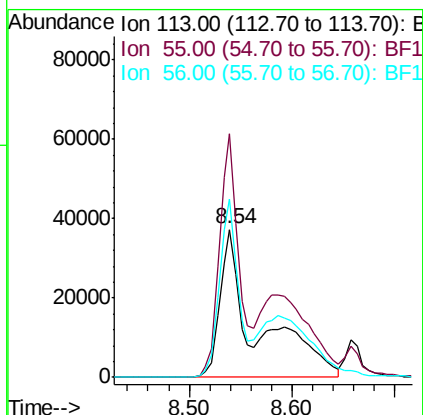
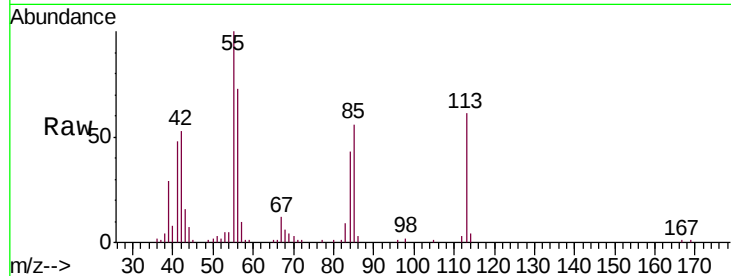
#35
 Caprolactam
 Concen: 41.057 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion:113 Resp: 92193
 Ion Ratio Lower Upper
 113 100
 55 164.3 144.3 184.3
 56 120.1 97.1 137.1

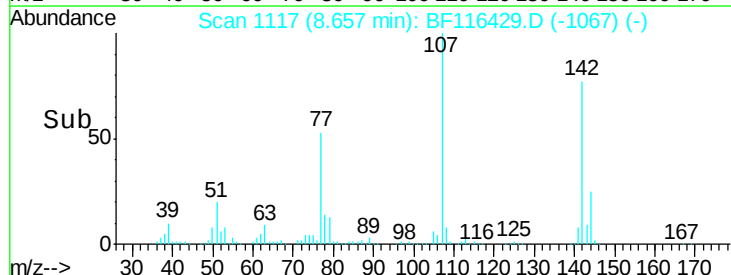
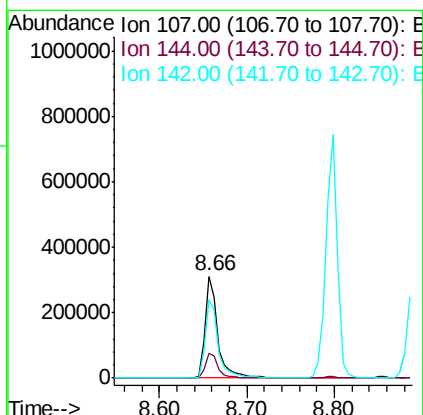
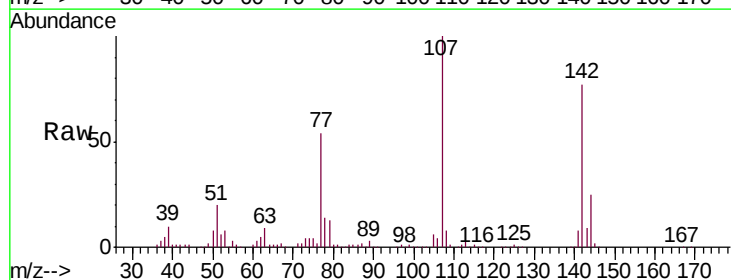
Manual Integrations
 APPROVED

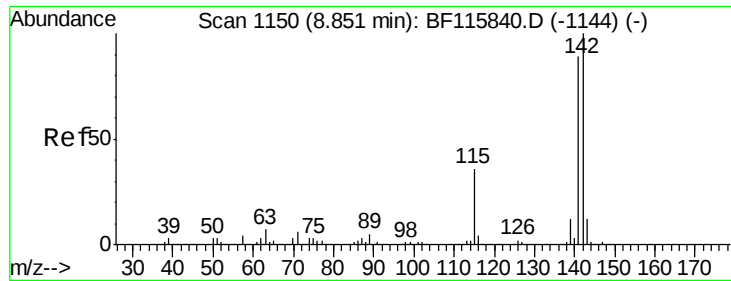
Jagrut
 8/21/2019 3:51:09 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.634 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:107 Resp: 315156
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.5 61.7 92.5





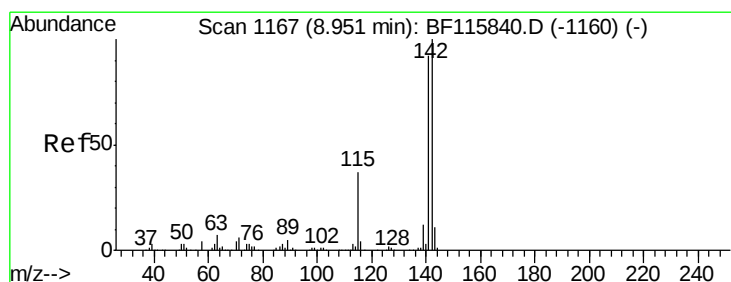
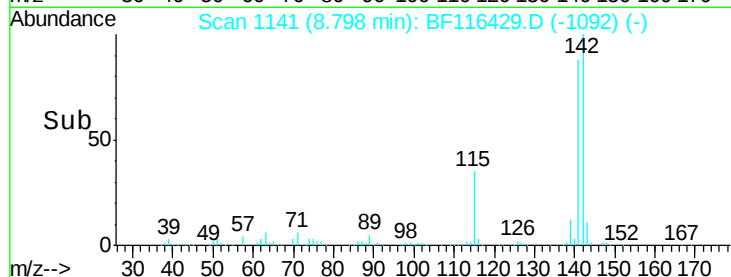
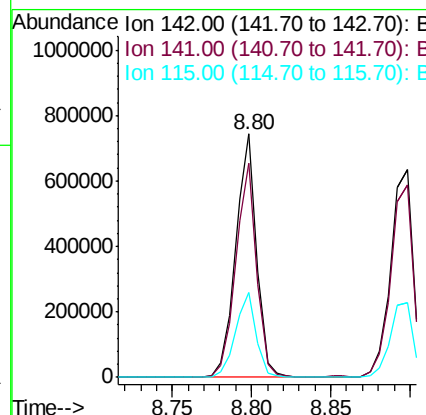
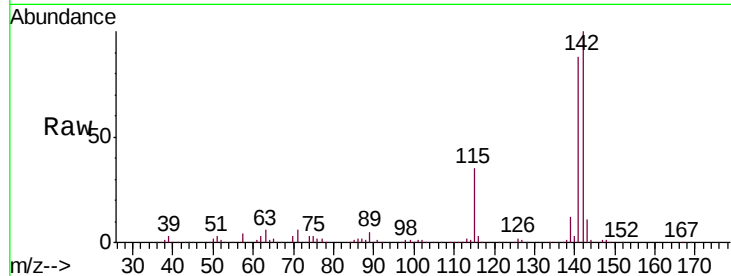
#37
2-Methylnaphthalene
Concen: 43.972 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.9	106.3
115	34.8	29.0	43.6

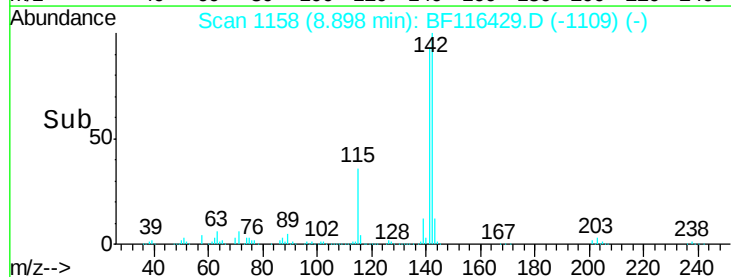
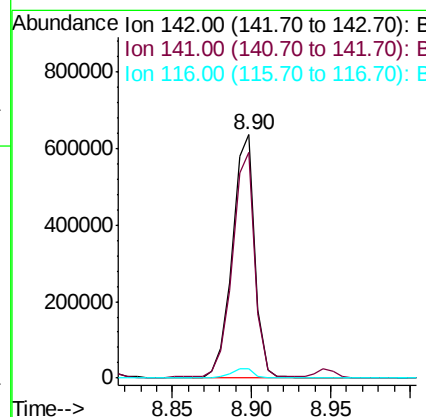
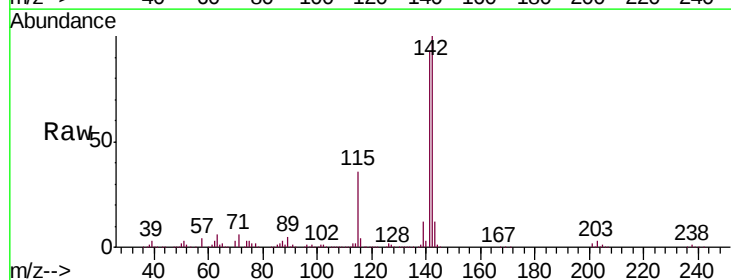
Manual Integrations
APPROVED

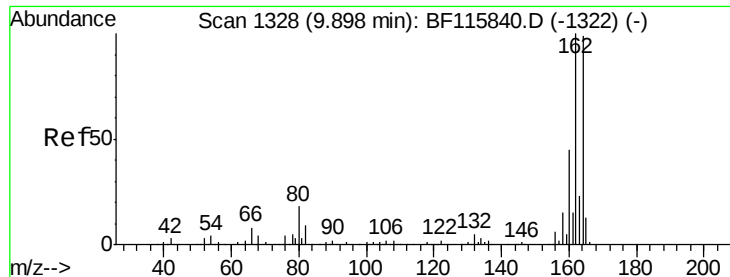
Jagrut
8/21/2019 3:51:09 PM



#38
1-Methylnaphthalene
Concen: 42.926 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.4	111.6
116	3.7	3.1	4.7





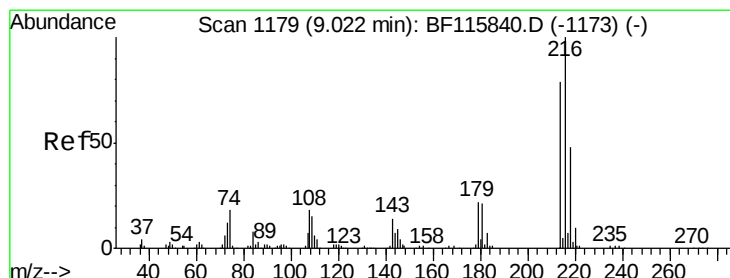
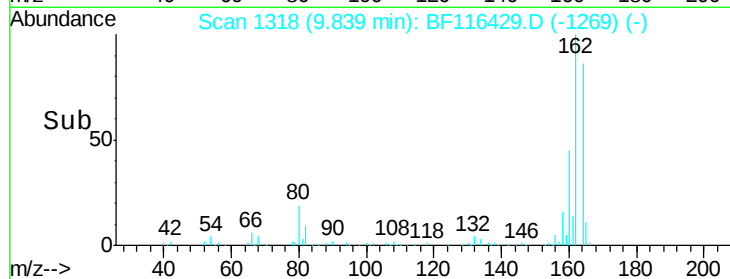
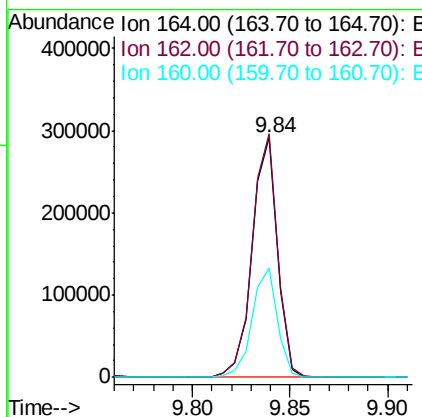
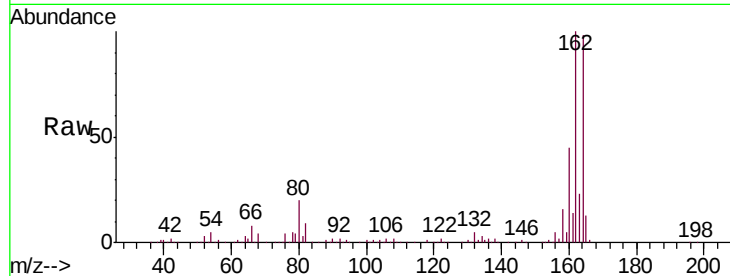
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	261980	82.6	124.0
160	45.5		37.6	56.4

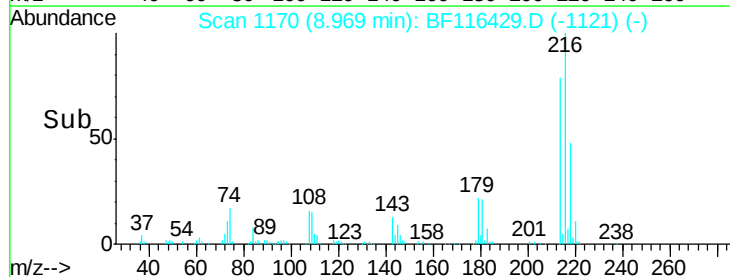
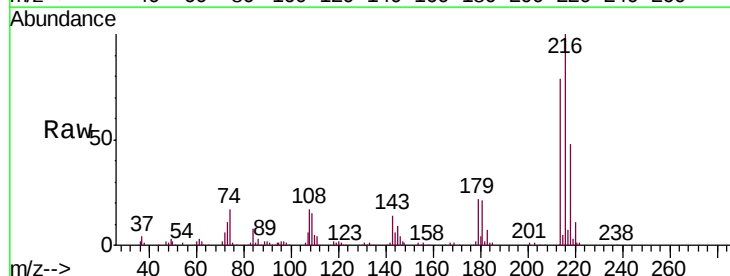
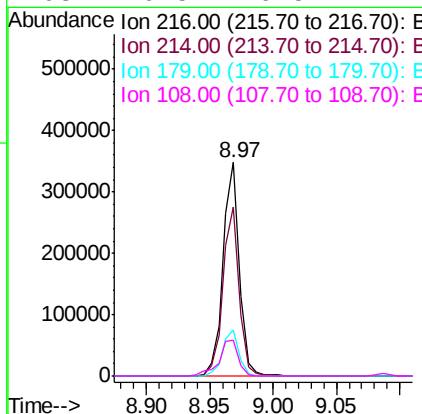
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.432 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	311193		
214	79.4		63.6	95.4
179	21.8		17.8	26.8
108	20.5		16.5	24.7





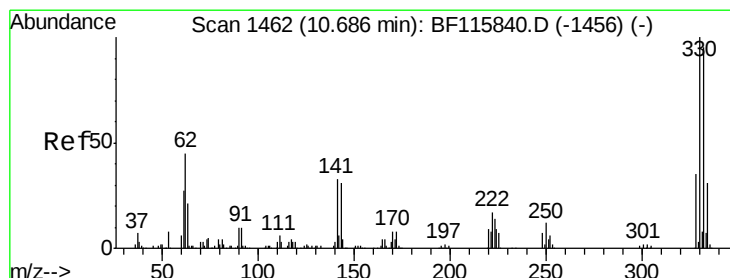
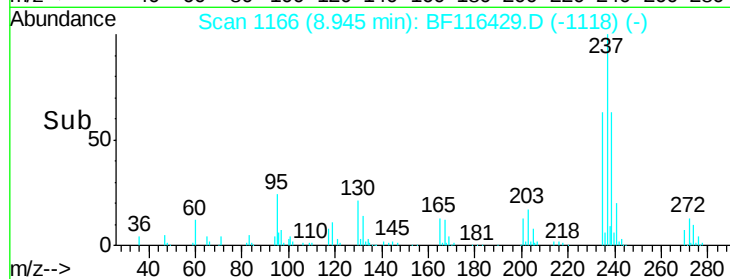
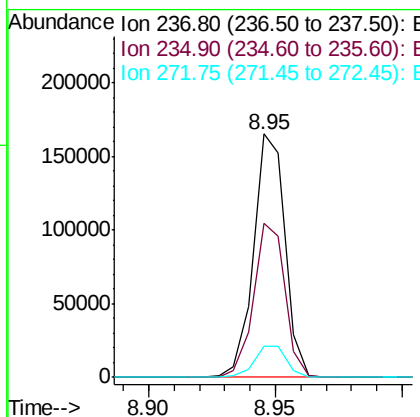
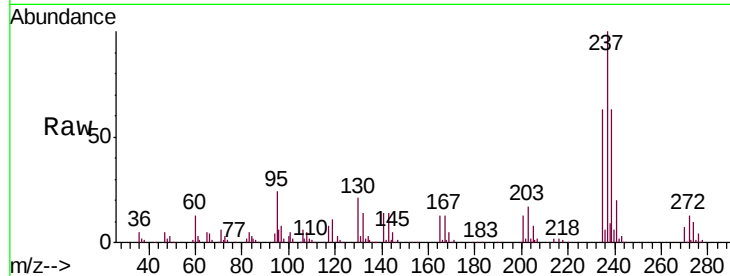
#41
Hexachlorocyclopentadiene
Concen: 47.902 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	43.4	83.4
272	12.9	0.0	33.2

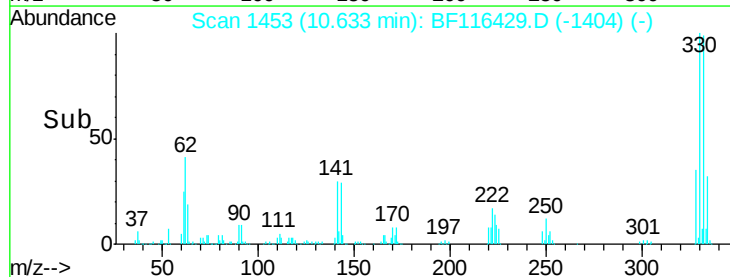
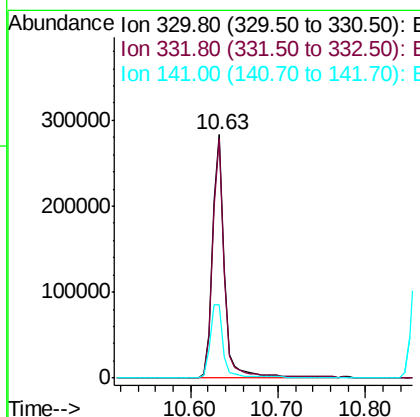
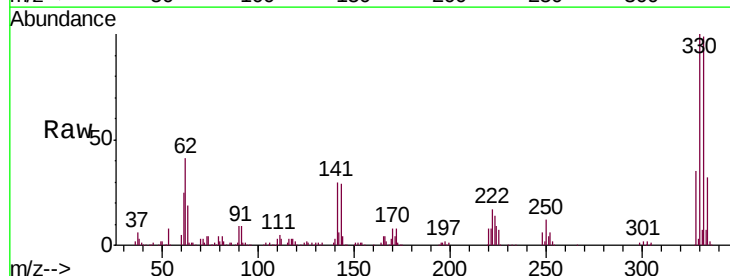
Manual Integrations
APPROVED

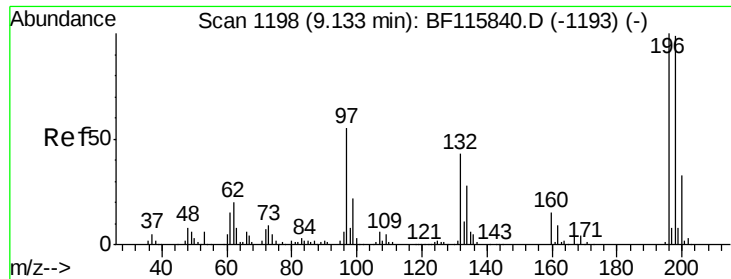
Jagrut
8/21/2019 3:51:09 PM



#42
2,4,6-Tribromophenol
Concen: 107.962 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.0	76.8	115.2
141	32.8	26.3	39.5





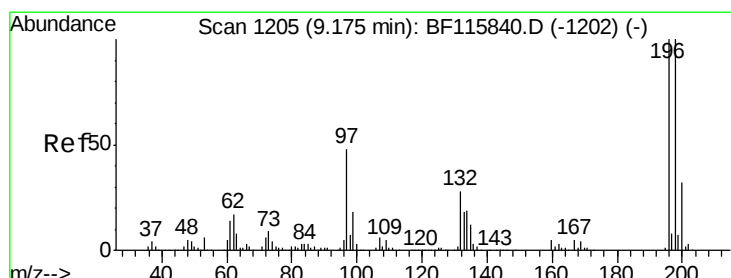
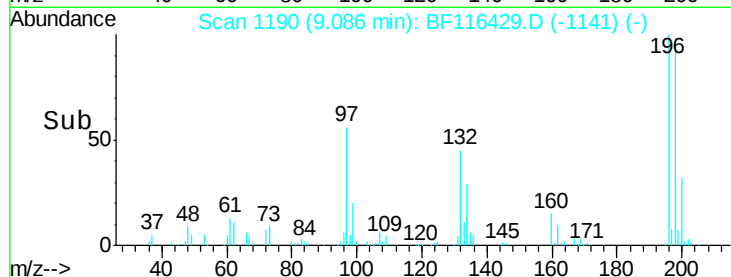
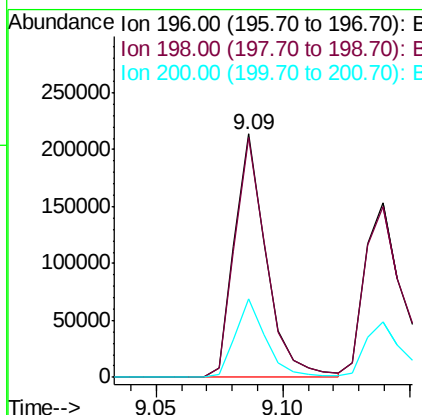
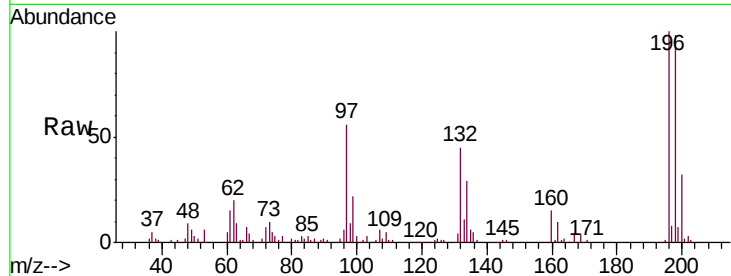
#43
 2,4,6-Trichlorophenol
 Concen: 38.636 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampled :
 PB122210BS

Tgt Ion:	196	Resp:	186255
Ion Ratio	Lower	Upper	
196	100		
198	98.3	79.2	118.8
200	32.3	25.2	37.8

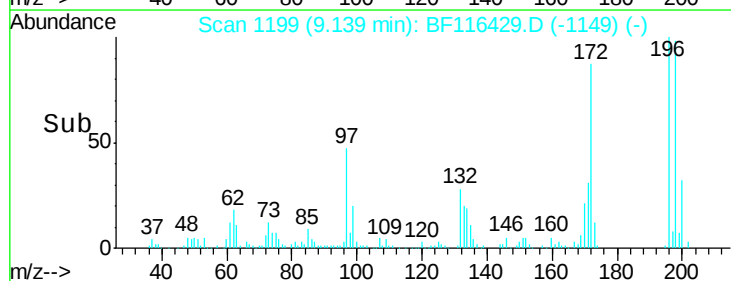
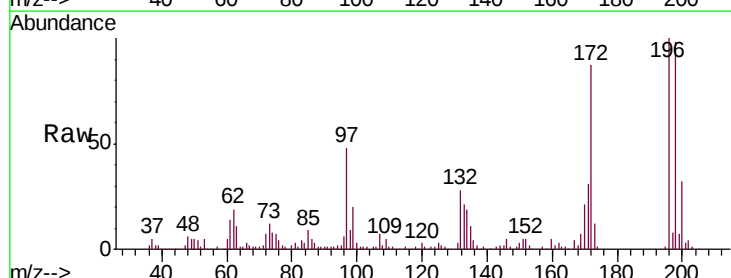
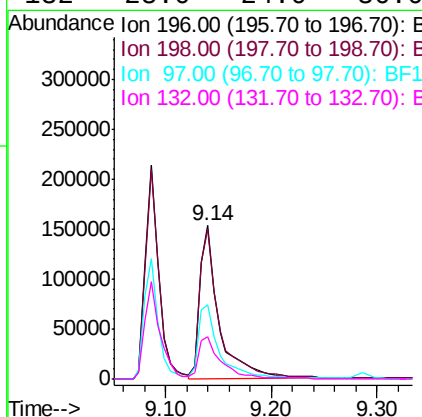
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.348 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion:	196	Resp:	191096
Ion Ratio	Lower	Upper	
196	100		
198	98.0	78.8	118.2
97	48.1	42.2	63.4
132	28.0	24.0	36.0





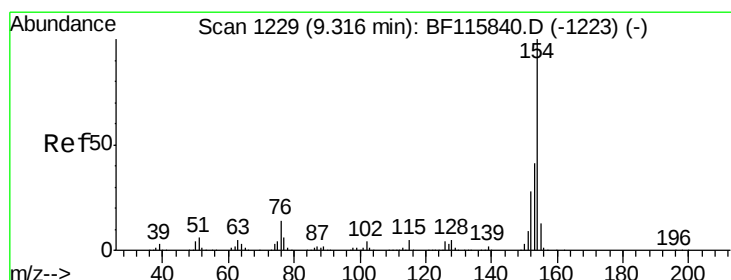
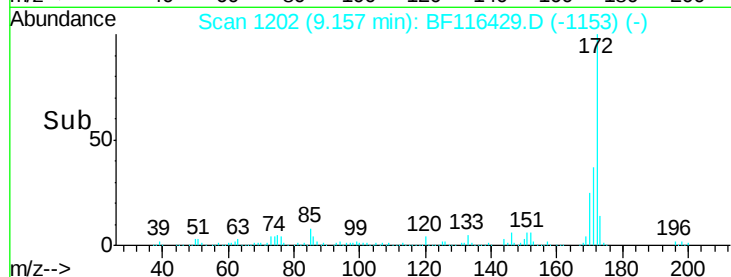
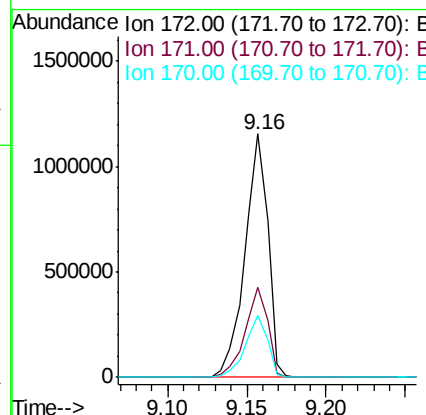
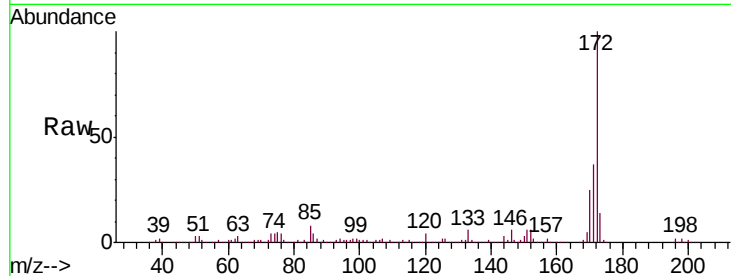
#45
 2-Fluorobiphenyl
 Concen: 82.594 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.3	20.1	30.1

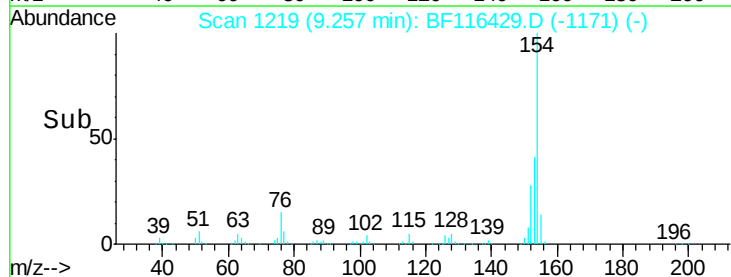
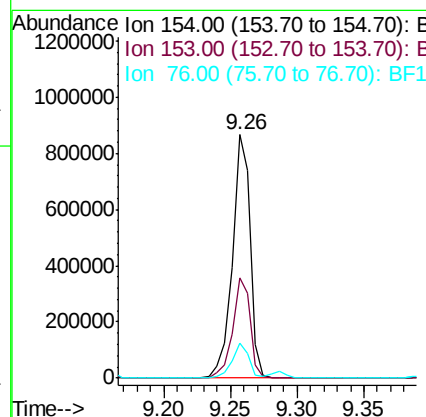
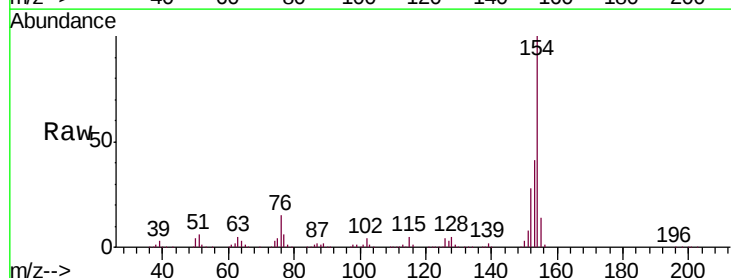
Manual Integrations
 APPROVED

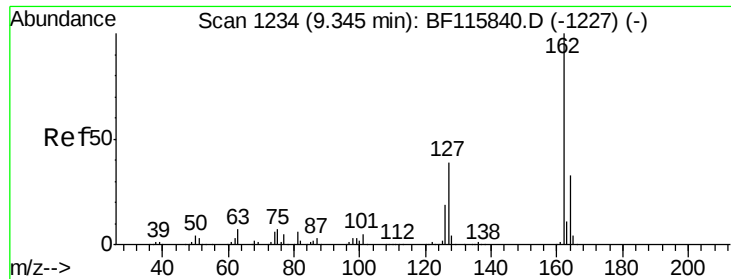
Jagrut
 8/21/2019 3:51:09 PM



#46
 1,1'-Biphenyl
 Concen: 44.191 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.6	0.0	35.2





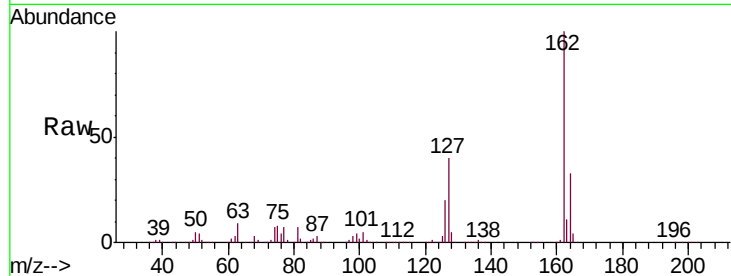
#47
 2-Chloronaphthalene
 Concen: 42.003 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

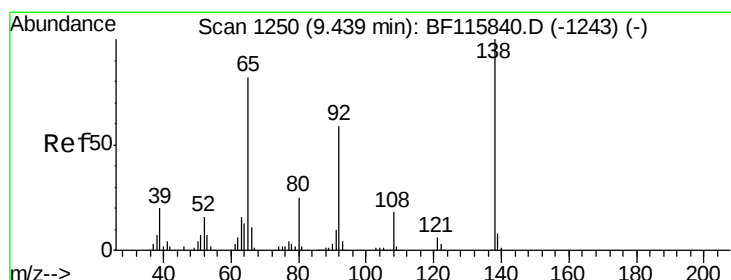
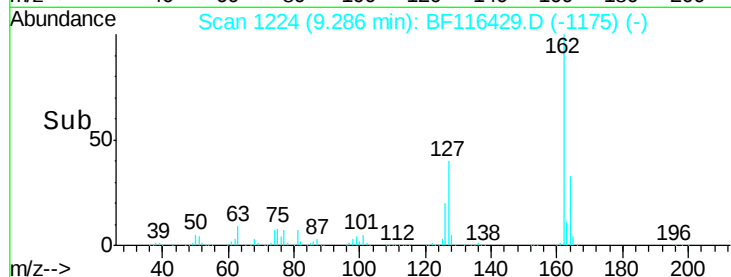
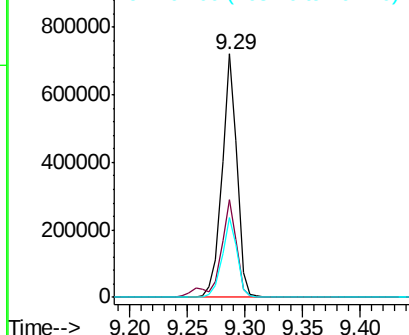
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	646585		
127	40.2	32.8	49.2	
164	33.0	26.6	39.8	

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM

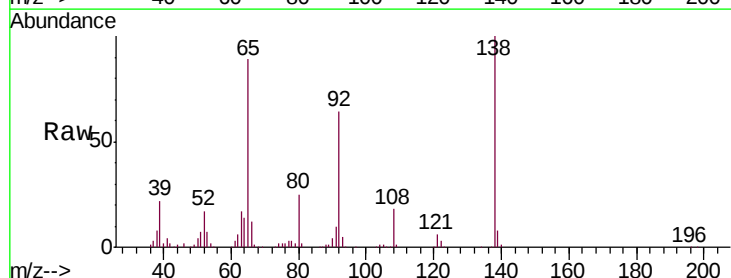


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

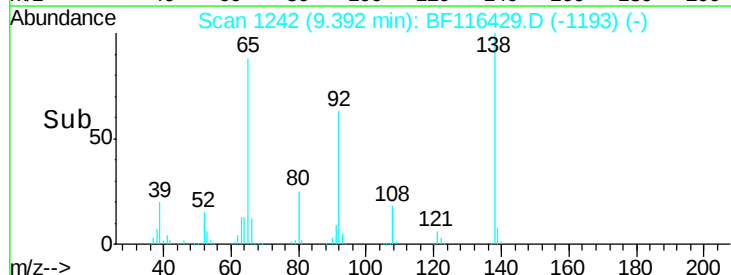
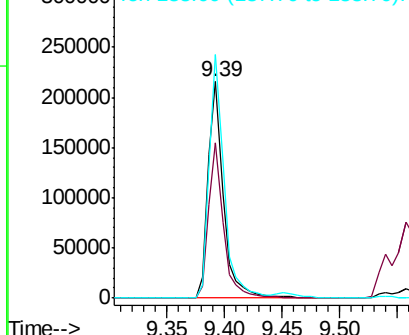


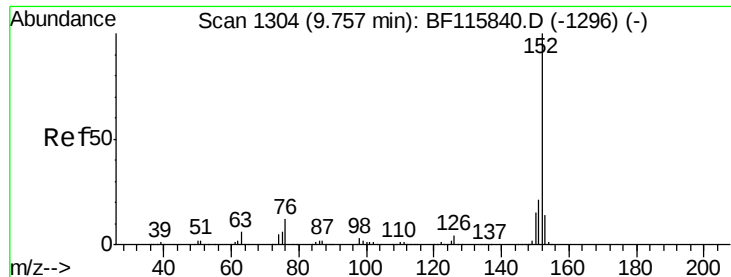
#48
 2-Nitroaniline
 Concen: 39.350 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	200222		
92	71.4	57.8	86.8	
138	112.4	94.0	141.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.969 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

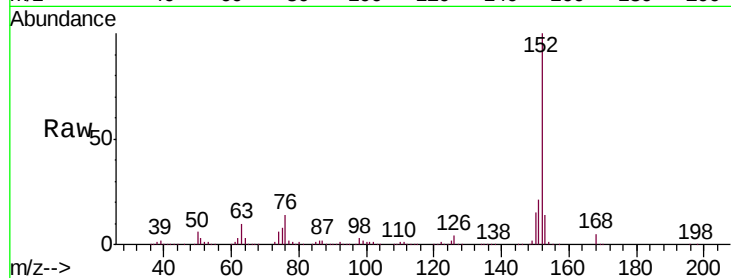
ClientSampleId :

PB122210BS

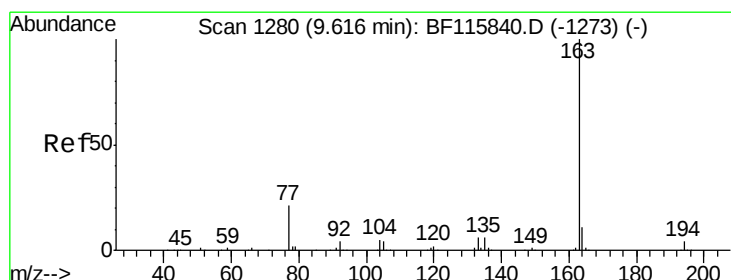
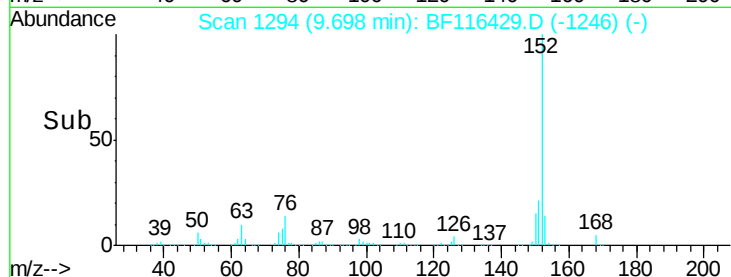
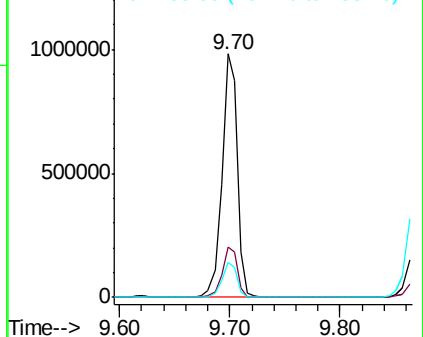
Tgt Ion:	152	Resp:	942548
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.2	25.8
153	14.4	11.8	17.8

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.568 ng

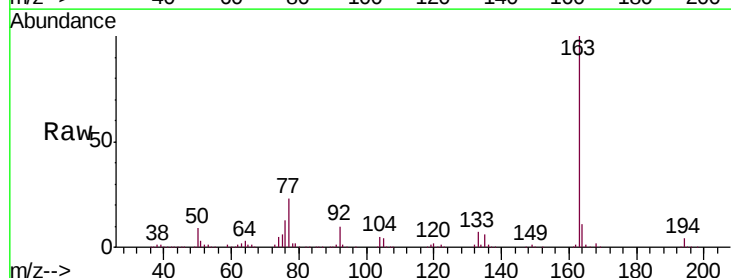
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

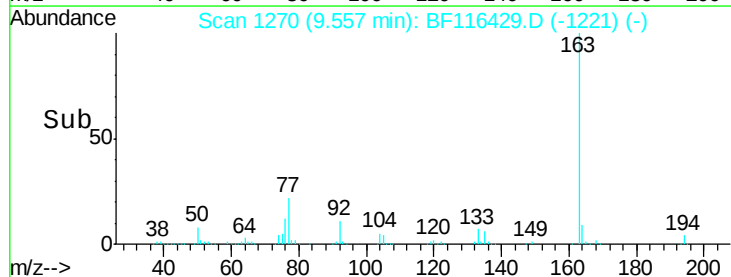
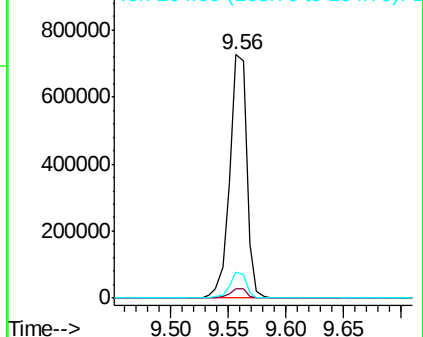
Lab File: BF116429.D

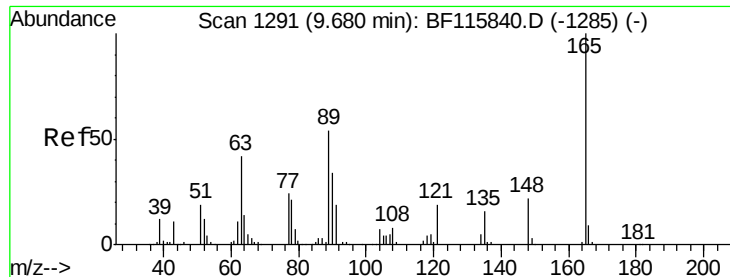
Acq: 20 Aug 2019 12:38

Tgt Ion:	163	Resp:	741487
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.6	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.217 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

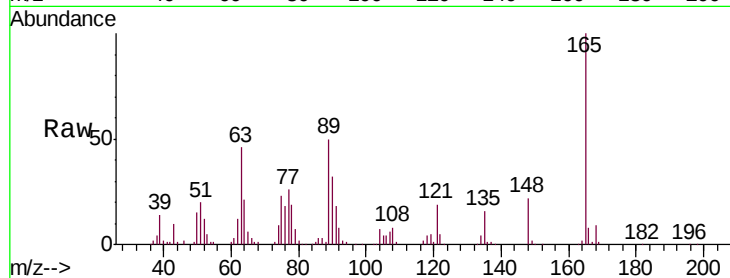
ClientSampleId :

PB122210BS

Tgt Ion:	165	Resp:	167531
Ion Ratio	Lower	Upper	
165	100		
63	46.2	38.2	57.2
89	49.6	42.9	64.3

Manual Integrations
APPROVED

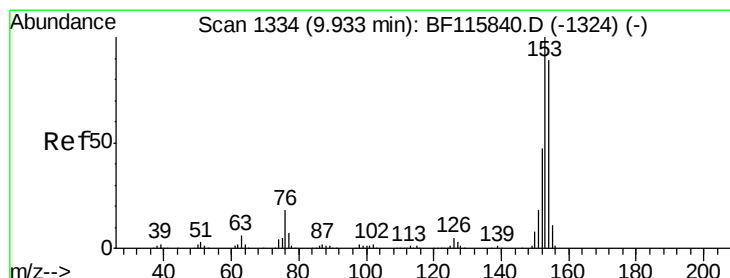
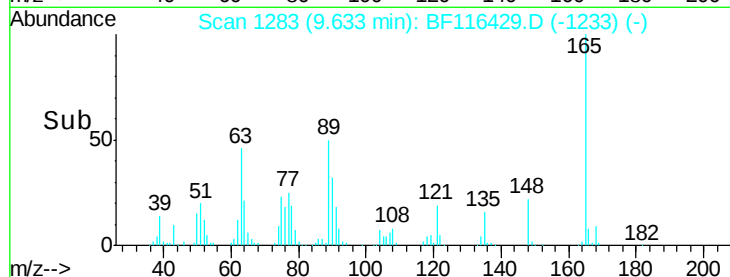
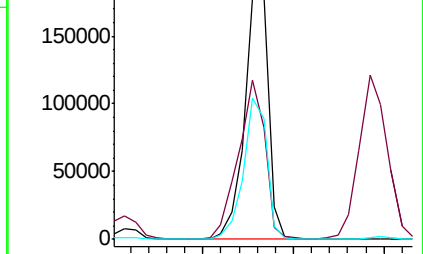
Jagrut
8/21/2019 3:51:09 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.041 ng

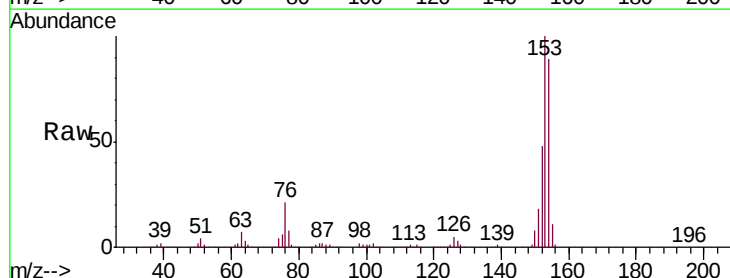
RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

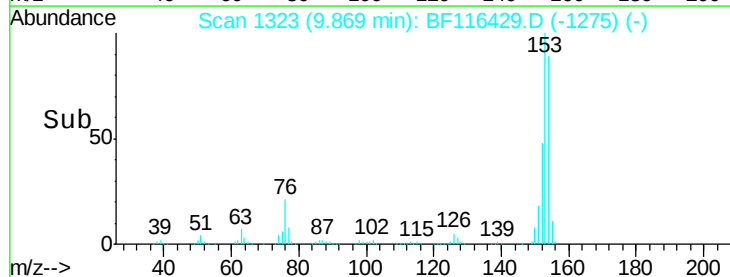
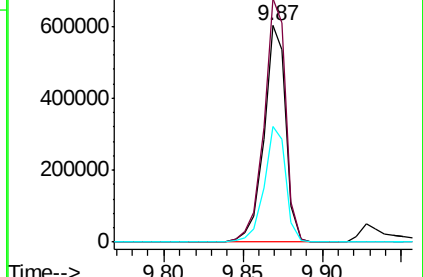
Tgt Ion:	154	Resp:	579238
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.4	134.0
152	53.6	42.3	63.5

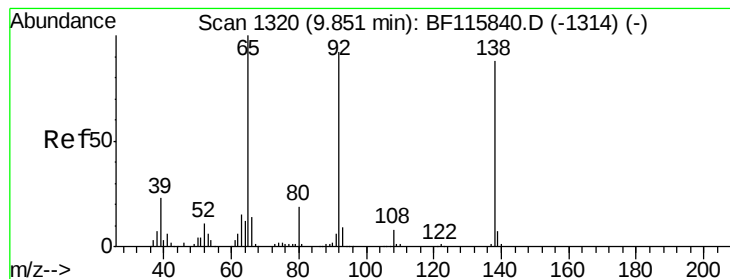


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.770 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

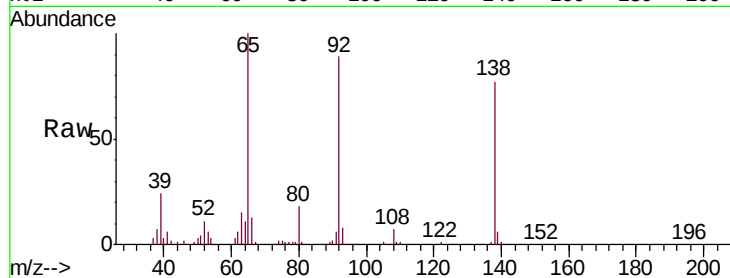
ClientSampleId :

PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	133017		
108	9.7	8.0	12.0	
92	115.3	91.0	136.6	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM

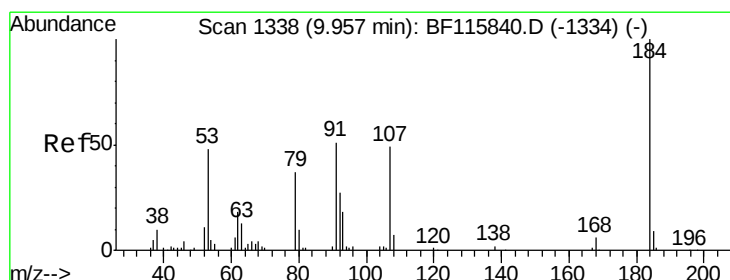
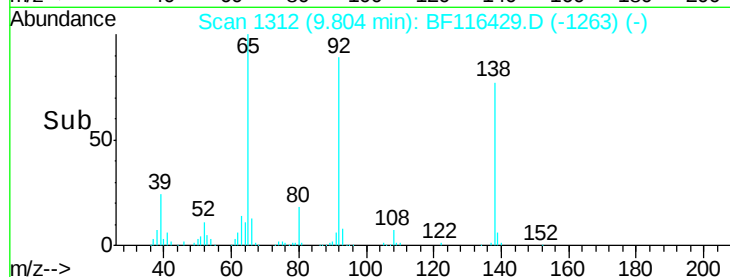
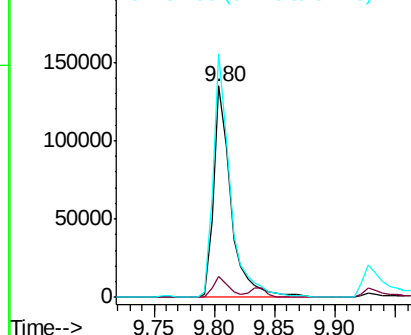


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 60.030 ng

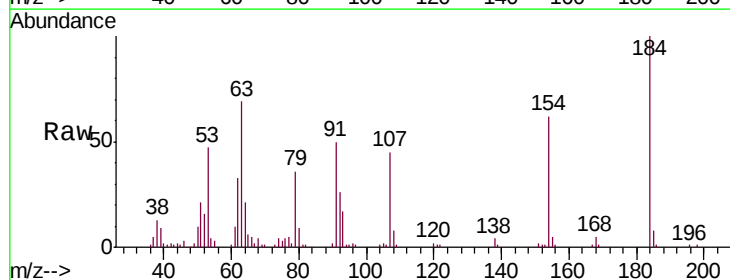
RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	114097		
63	68.7	53.0	79.4	
154	61.9	50.1	75.1	

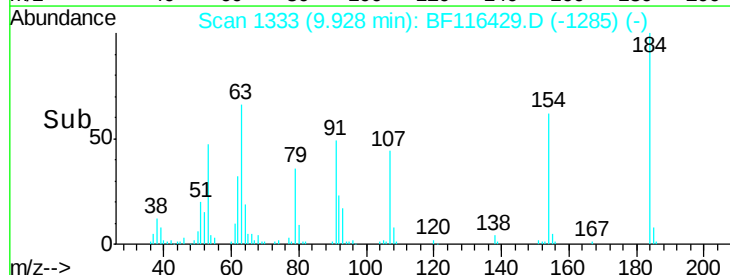
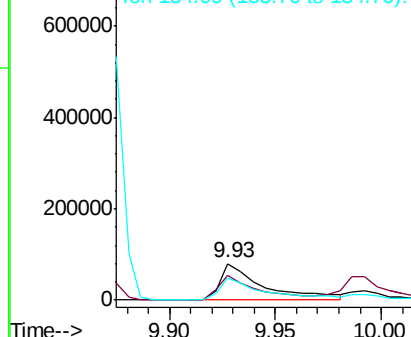


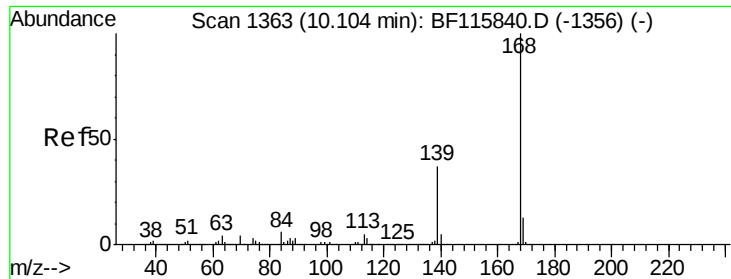
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.564 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

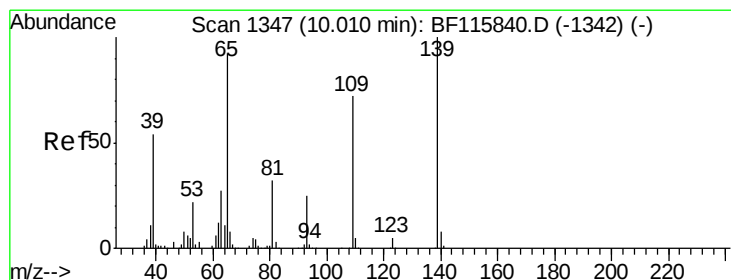
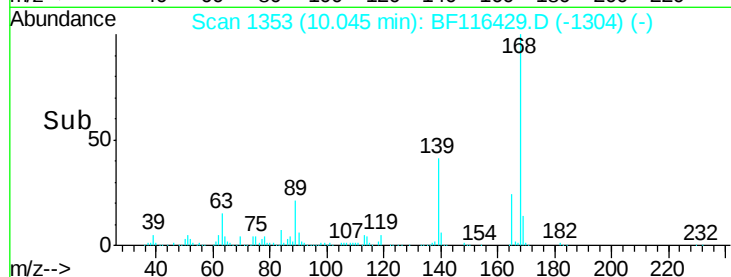
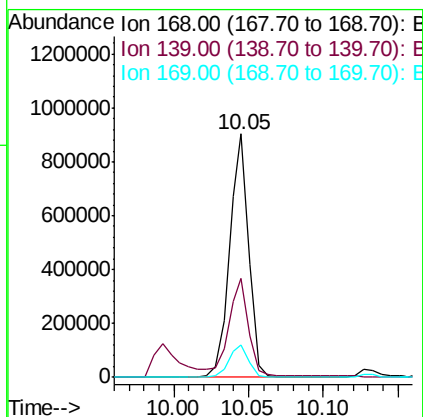
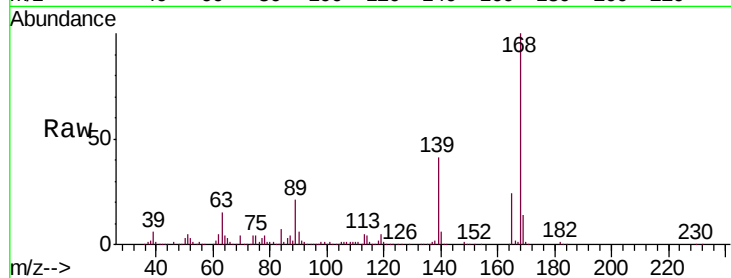
ClientSampleId :

PB122210BS

Tgt Ion:	168	Resp:	812769
Ion Ratio	Lower	Upper	
168	100		
139	40.7	31.4	47.2
169	13.5	10.9	16.3

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#56

4-Nitrophenol

Concen: 51.211 ng

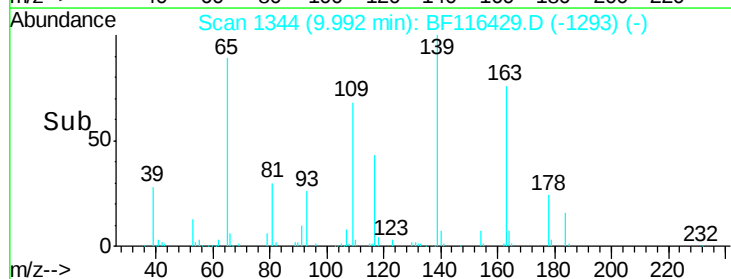
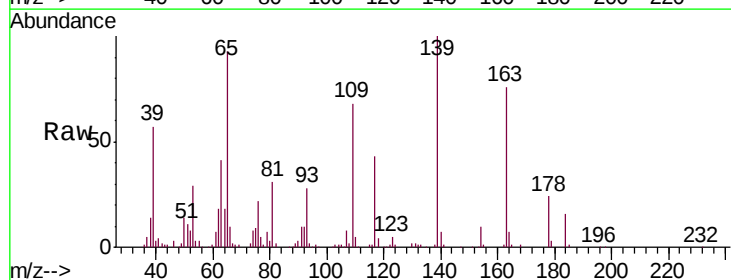
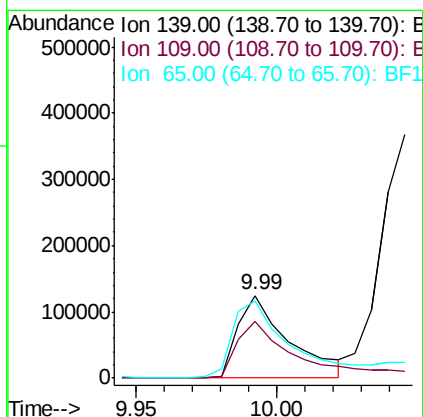
RT: 9.99 min Scan# 1344

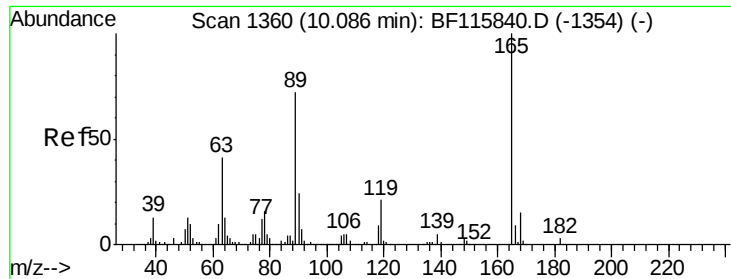
Delta R.T. 0.00 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	139	Resp:	157137
Ion Ratio	Lower	Upper	
139	100		
109	68.4	54.4	94.4
65	93.3	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 38.572 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

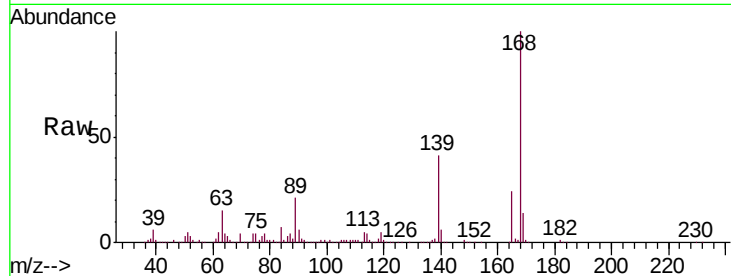
ClientSampleId :

PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	199079		
63	59.9	39.6	59.4#	
89	84.2	62.2	93.2	
182	2.7	2.1	3.1	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM

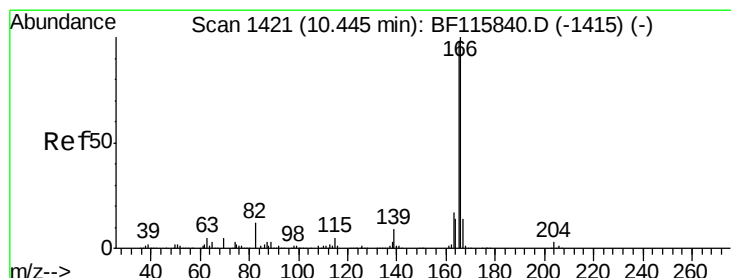
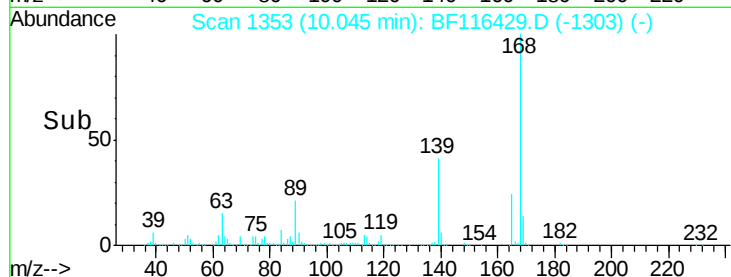
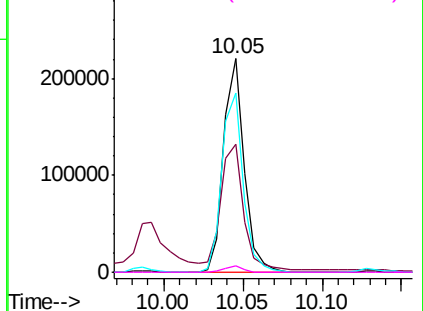


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.622 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116429.D

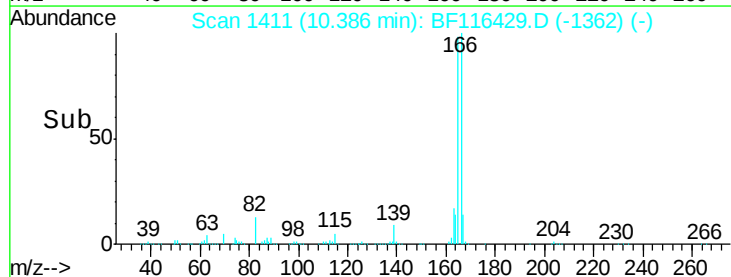
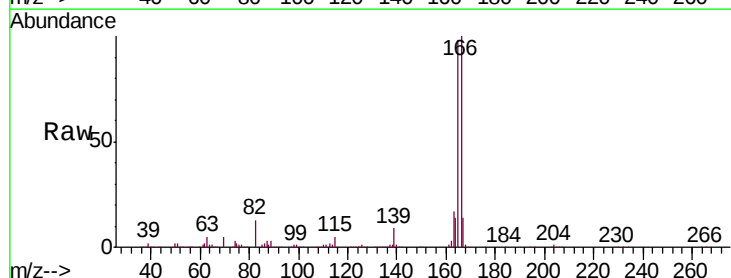
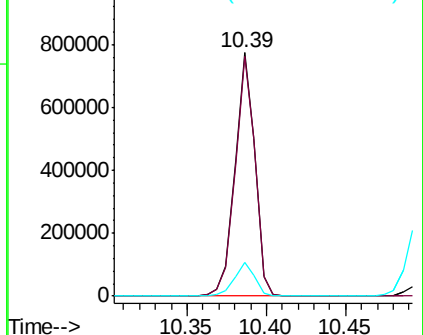
Acq: 20 Aug 2019 12:38

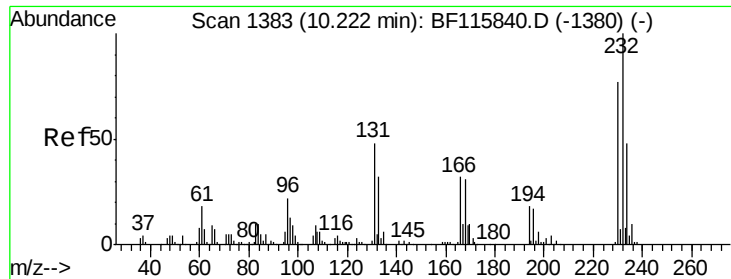
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	672451		
165	98.3	78.4	117.6	
167	13.8	11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





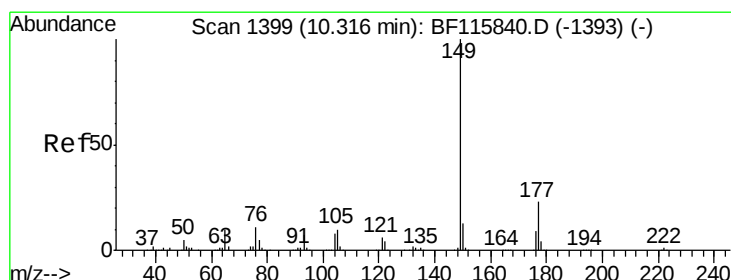
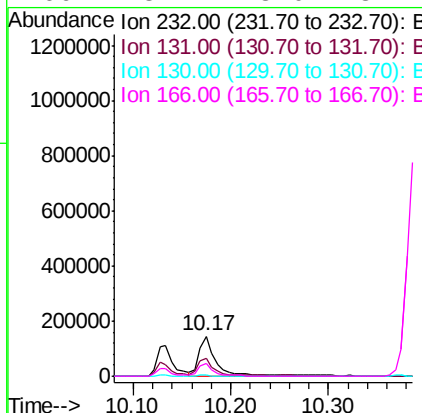
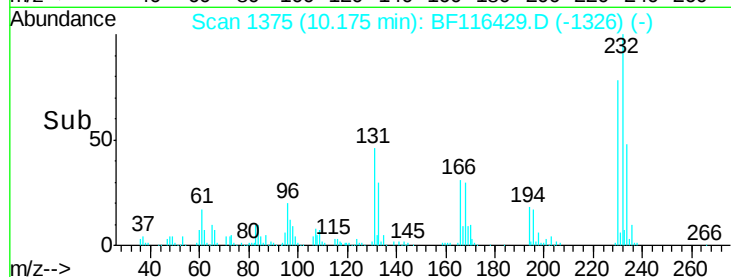
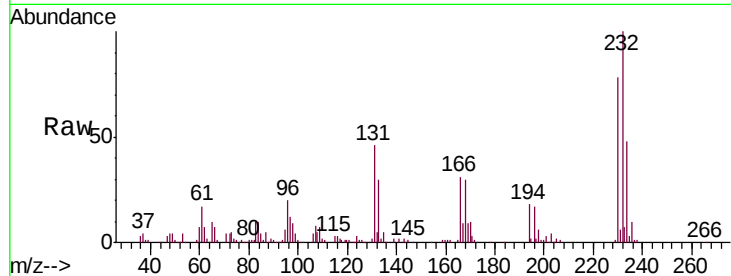
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169934		
131	43.4	36.2	54.2	
130	2.4	1.9	2.9	
166	28.2	23.0	34.4	

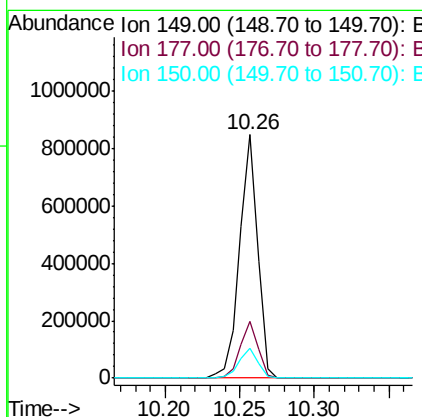
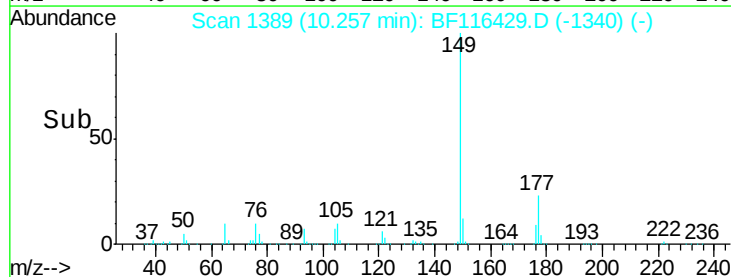
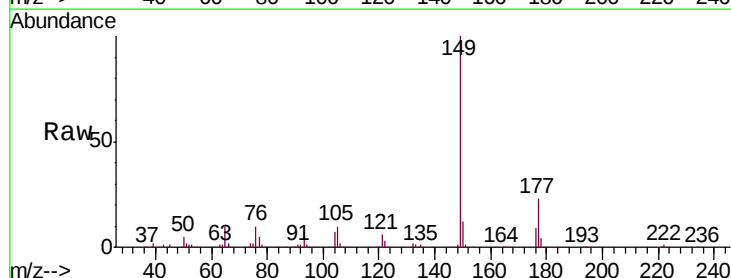
Manual Integrations
APPROVED

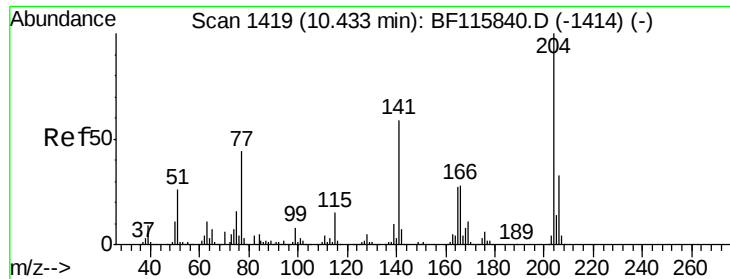
Jagrut
8/21/2019 3:51:09 PM



#60
Diethylphthalate
Concen: 43.321 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	721460		
177	23.0	18.8	28.2	
150	12.5	10.2	15.4	





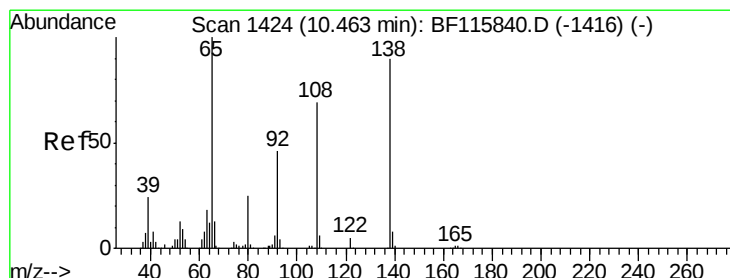
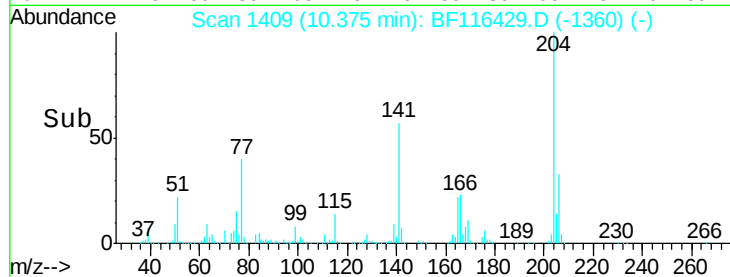
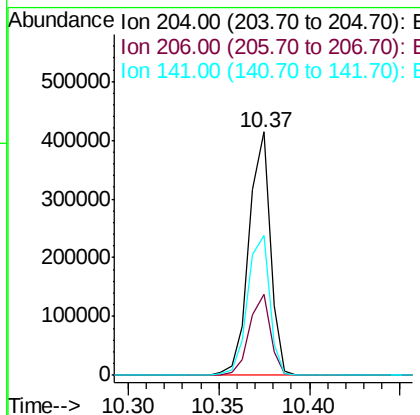
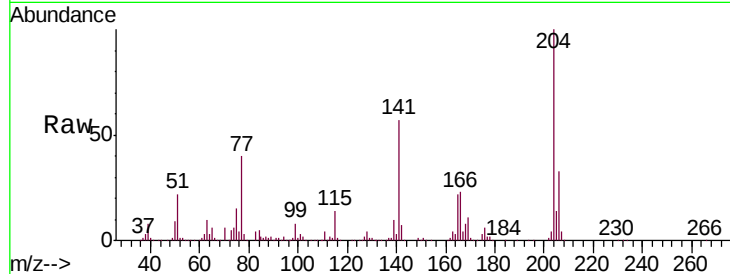
#61
 4-Chlorophenyl-phenylether
 Concen: 43.471 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampled :
 PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	339386		
206	33.1	26.4	39.6	
141	57.3	46.4	69.6	

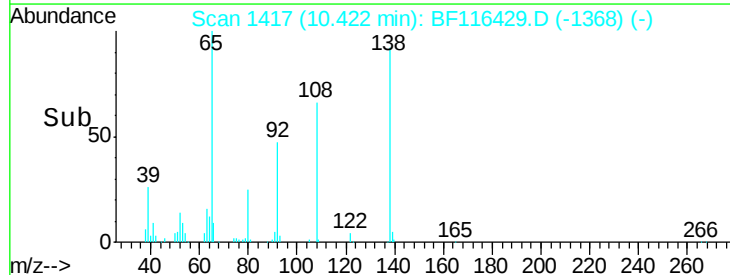
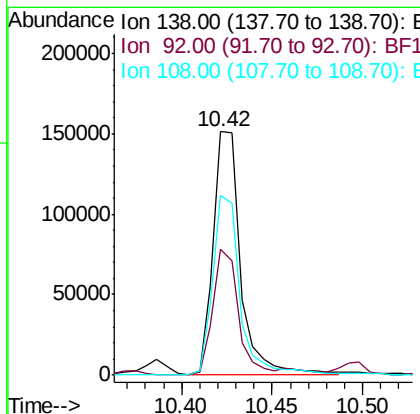
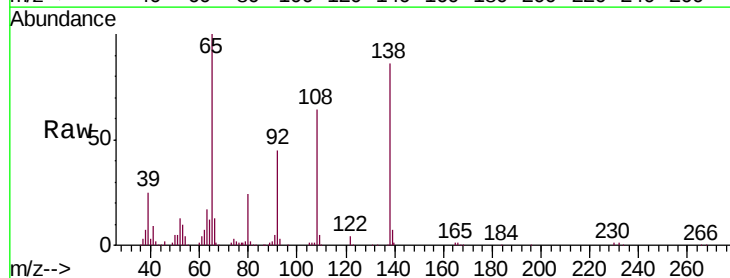
Manual Integrations
 APPROVED

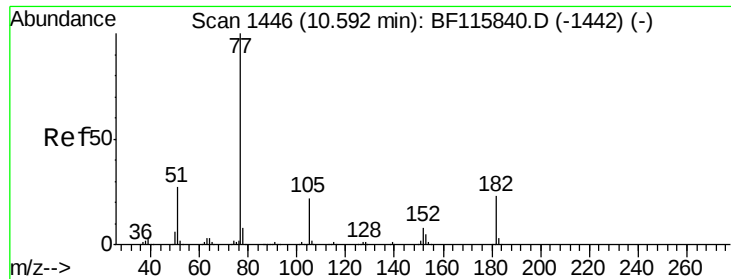
Jagrut
 8/21/2019 3:51:09 PM



#62
 4-Nitroaniline
 Concen: 32.498 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	160866		
92	51.7	29.0	69.0	
108	73.8	54.7	94.7	





#63

Azobenzene

Concen: 43.321 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

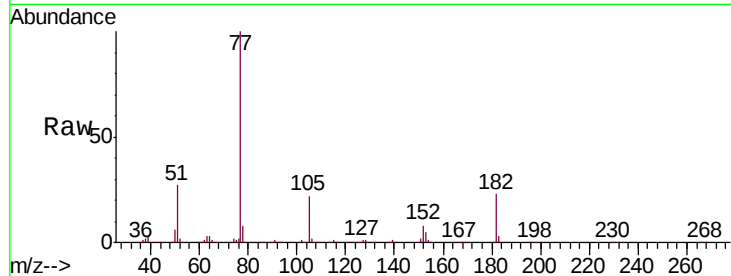
ClientSampleId :

PB122210BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.0	44.0
105	21.8	2.0	42.0
51	26.8	7.5	47.5

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM

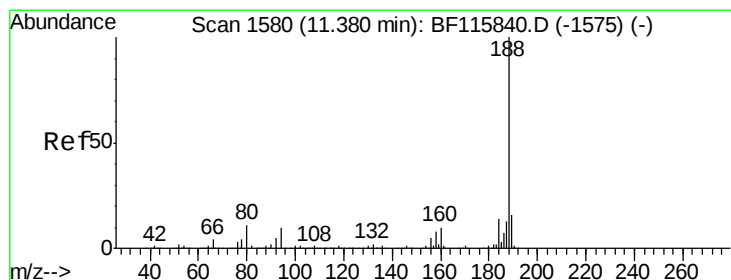
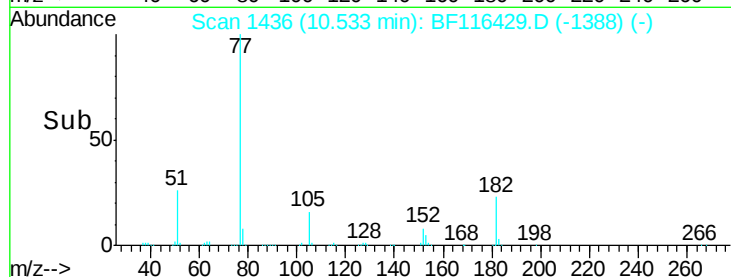
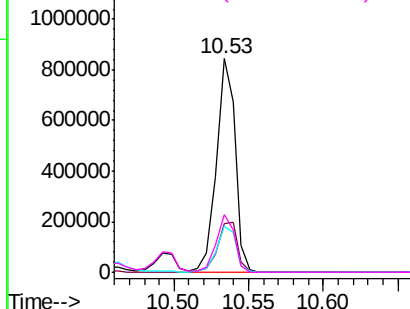


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF116429.D

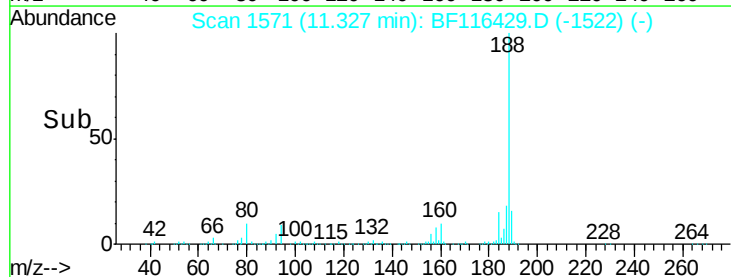
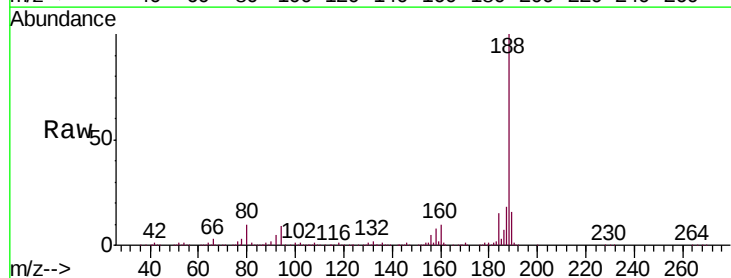
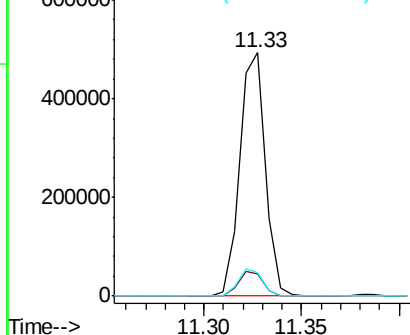
Acq: 20 Aug 2019 12:38

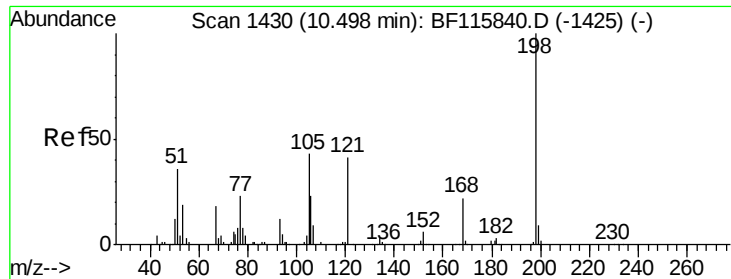
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.7	8.7	13.1

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.392 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

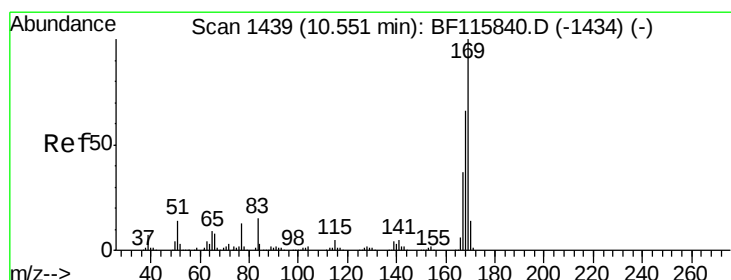
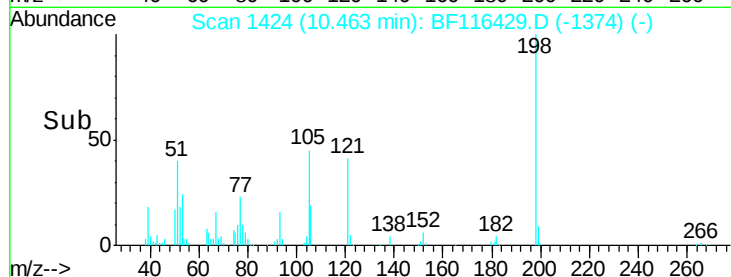
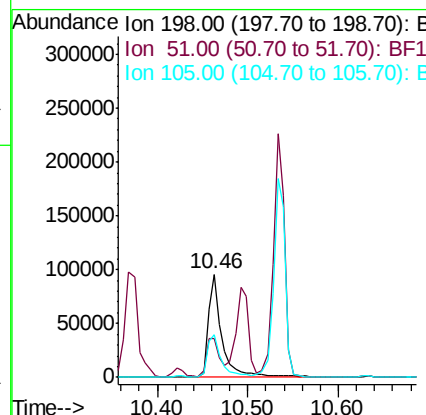
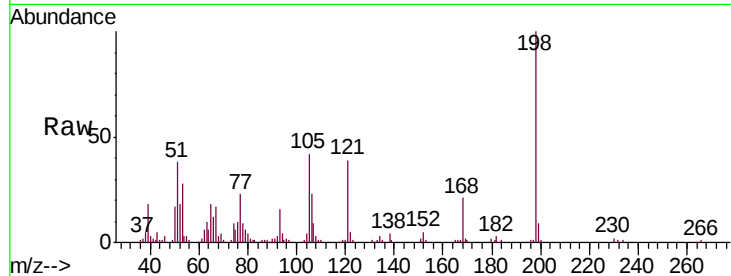
ClientSampled :

PB122210BS

Tgt Ion:	198	Resp:	103034
Ion Ratio	Lower	Upper	
198	100		
51	37.7	17.0	57.0
105	41.9	21.6	61.6

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#66

n-Nitrosodiphenylamine

Concen: 44.634 ng

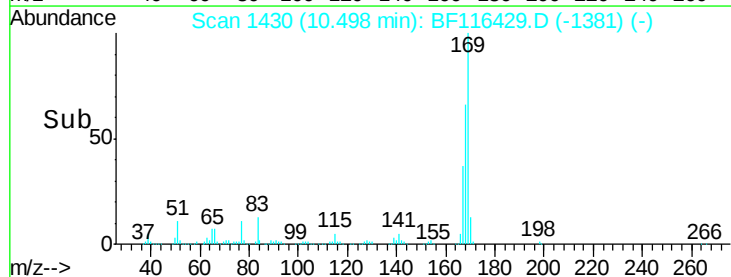
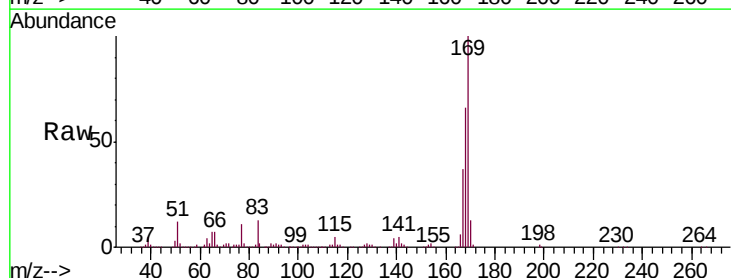
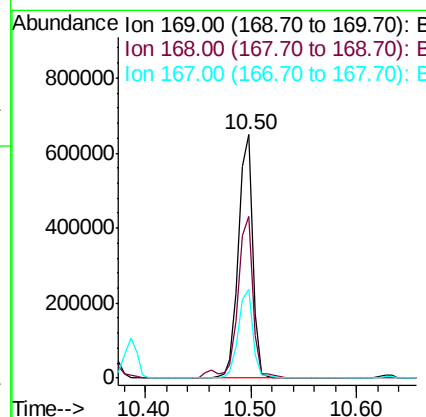
RT: 10.50 min Scan# 1430

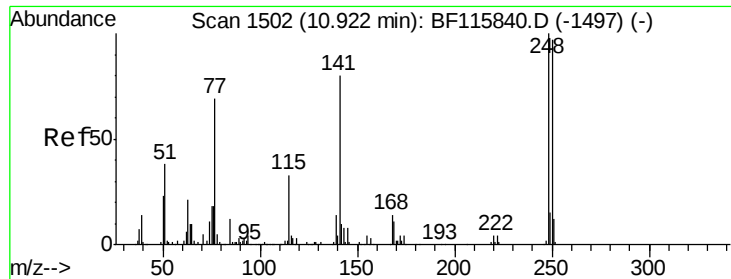
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	169	Resp:	601958
Ion Ratio	Lower	Upper	
169	100		
168	66.4	53.8	80.6
167	36.7	29.6	44.4





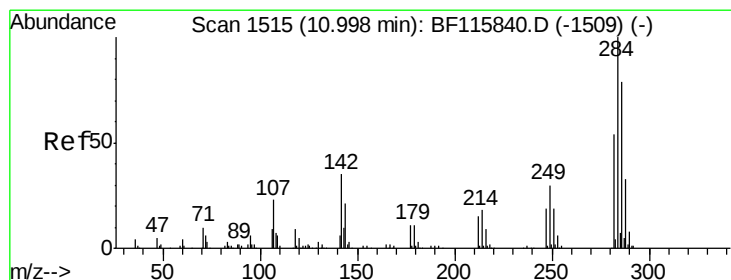
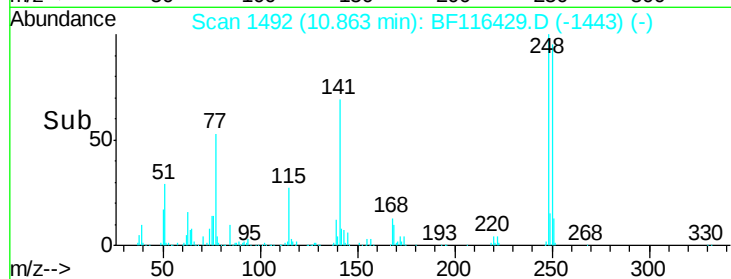
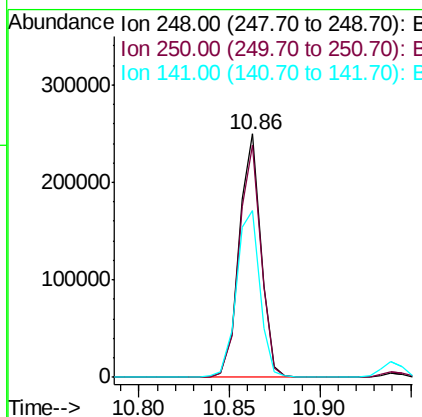
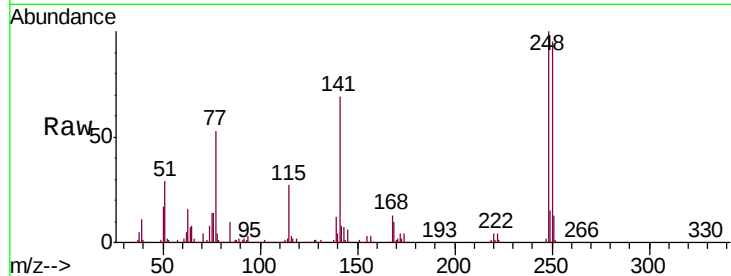
#67
 4-Bromophenyl-phenylether
 Concen: 43.389 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	208117		
250	95.5	77.4	116.2	
141	68.7	56.8	85.2	

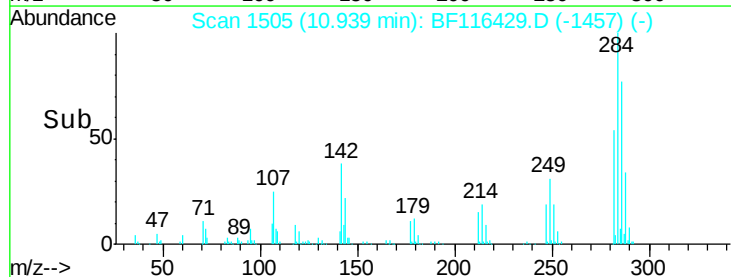
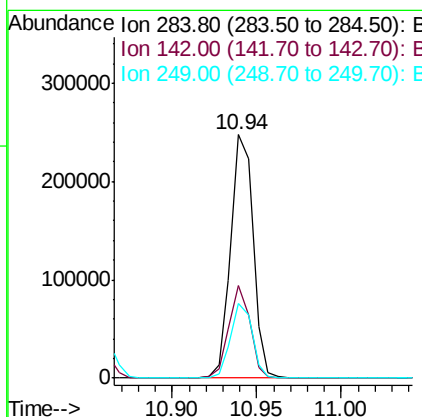
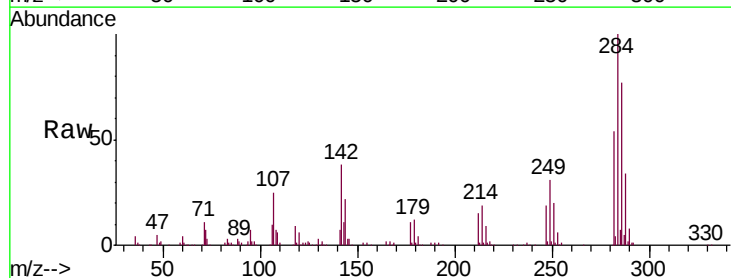
Manual Integrations
 APPROVED

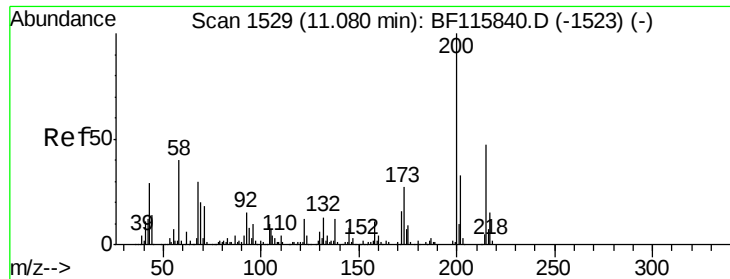
Jagrut
 8/21/2019 3:51:09 PM



#68
 Hexachlorobenzene
 Concen: 41.242 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	228748		
142	37.8	28.4	42.6	
249	30.8	24.5	36.7	





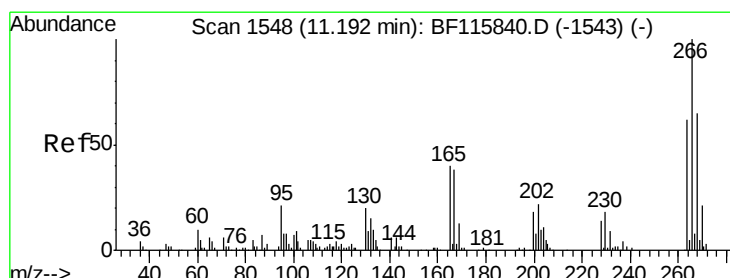
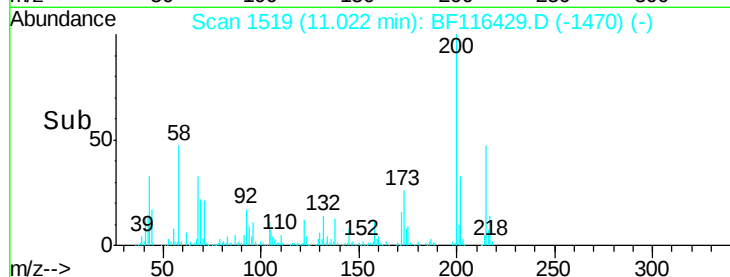
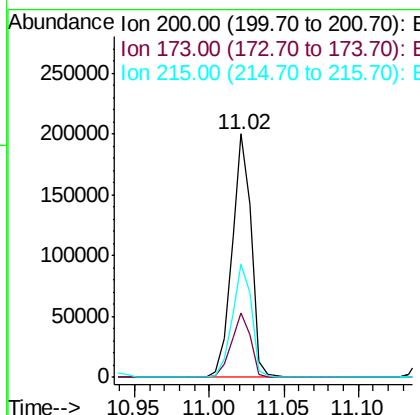
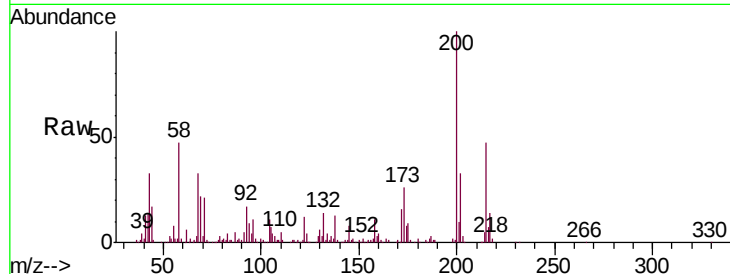
#69
Atrazine
Concen: 40.916 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181535		
173	26.3	6.8	46.8	
215	46.6	27.5	67.5	

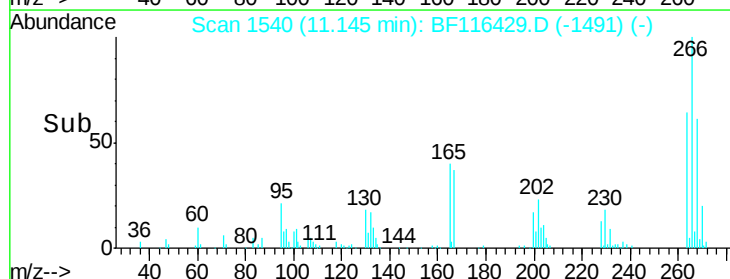
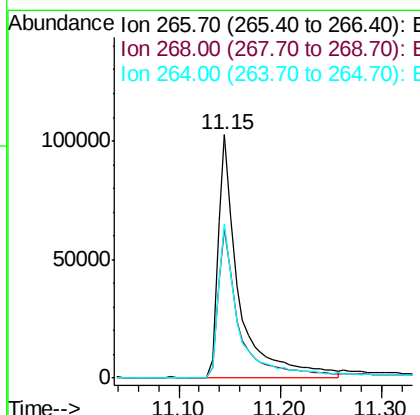
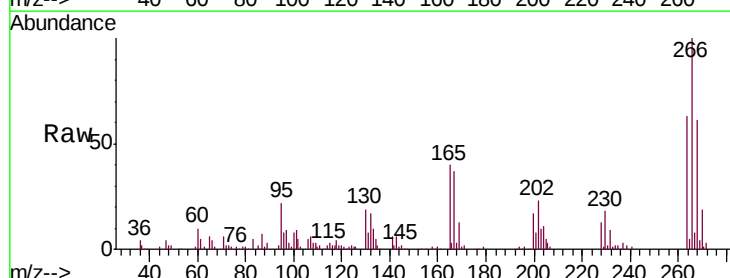
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#70
Pentachlorophenol
Concen: 54.651 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147166		
268	61.3	48.8	73.2	
264	63.4	50.6	76.0	





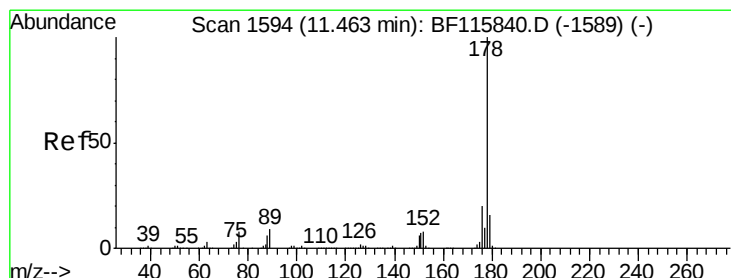
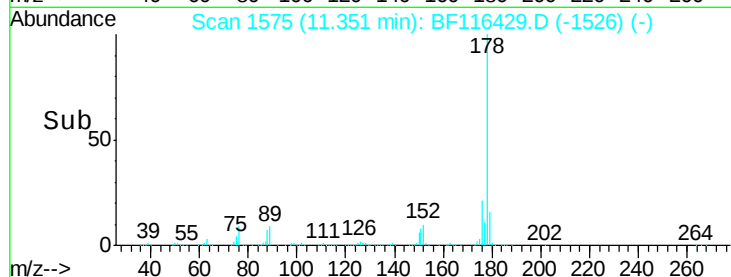
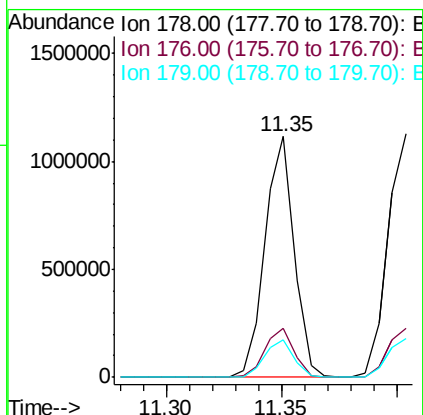
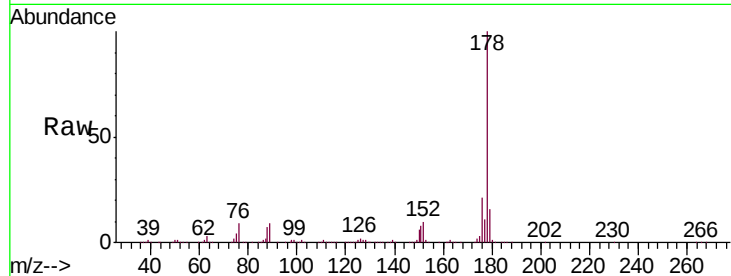
#71
Phenanthrene
Concen: 42.865 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	24.8
179	15.8	12.5	18.7

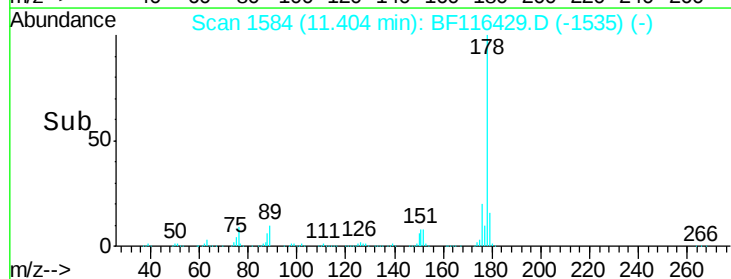
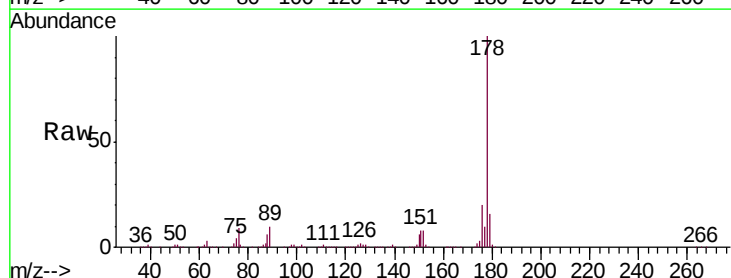
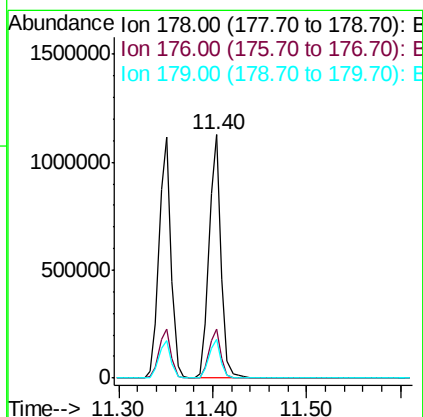
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#72
Anthracene
Concen: 43.461 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	13.0	19.6





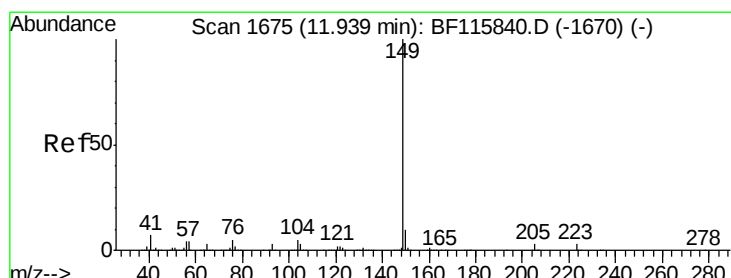
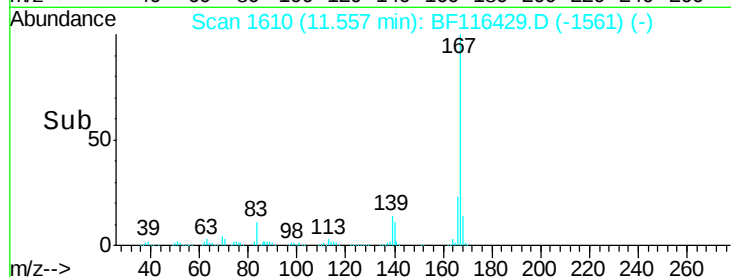
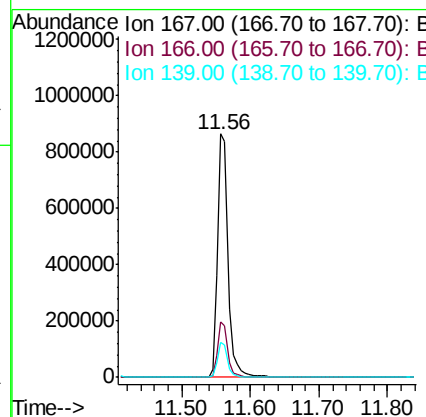
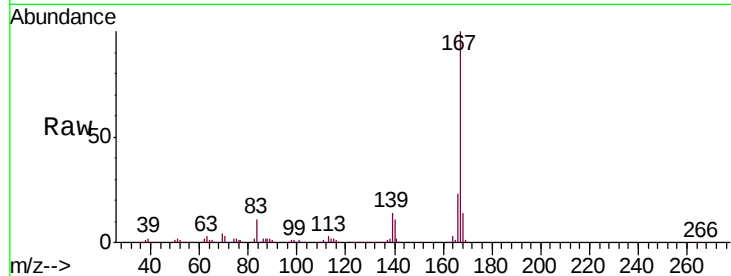
#73
 Carbazole
 Concen: 42.732 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	898733		
166	22.6	17.8	26.6	
139	14.4	11.4	17.0	

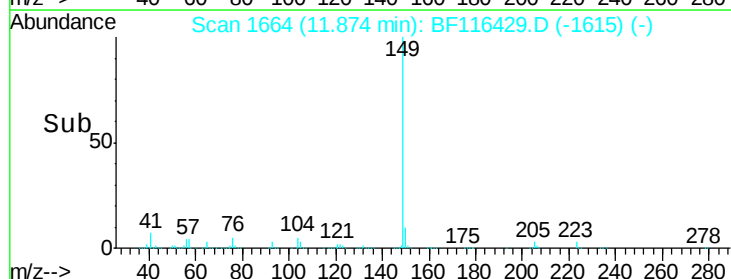
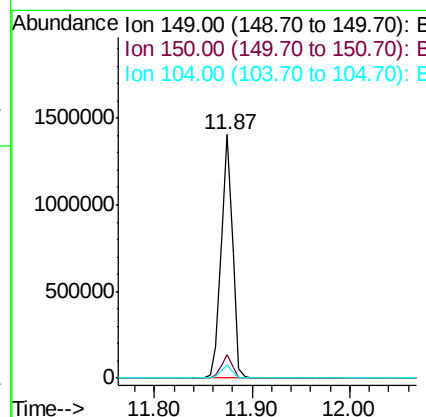
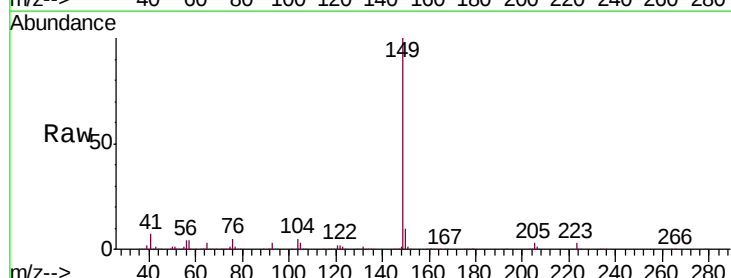
Manual Integrations
 APPROVED

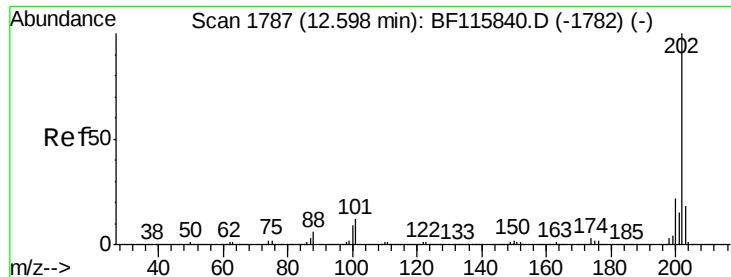
Jagrut
 8/21/2019 3:51:09 PM



#74
 Di-n-butylphthalate
 Concen: 46.229 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1134220		
150	9.8	8.0	12.0	
104	5.2	4.5	6.7	





#75

Fluoranthene

Concen: 43.131 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

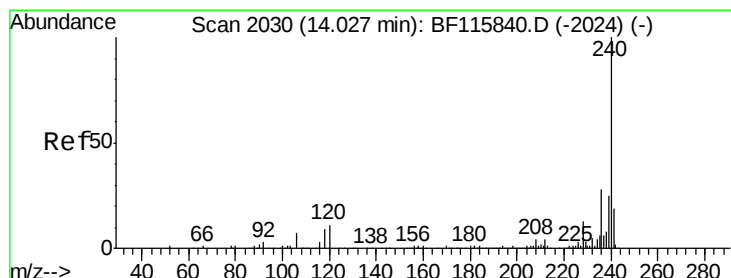
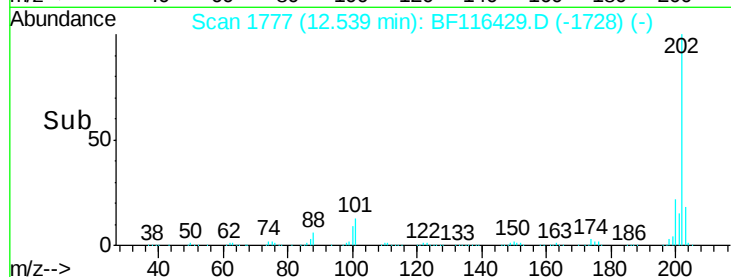
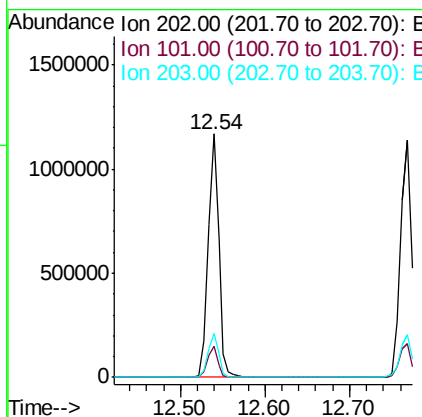
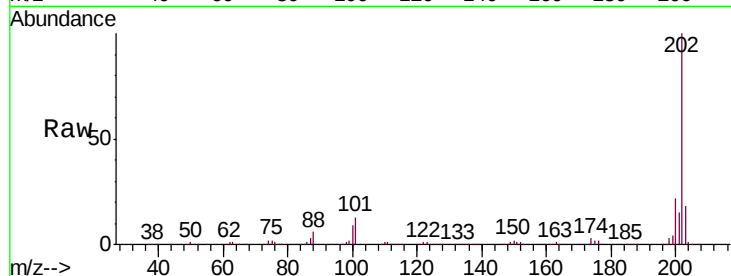
ClientSampleId :

PB122210BS

Tgt Ion:	202	Resp:	1034314
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	31.2
203	17.8	0.0	37.8

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#76

Chrysene-d12

Concen: 20.000 ng

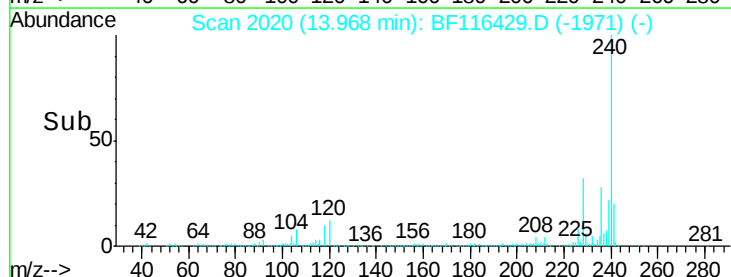
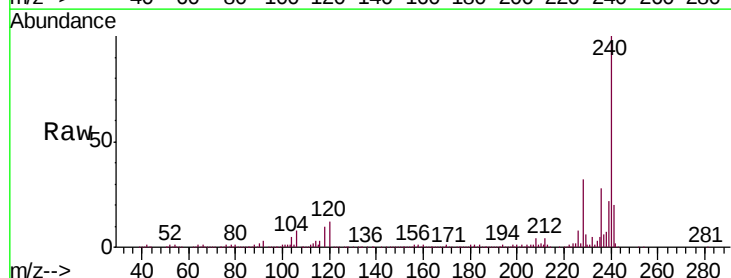
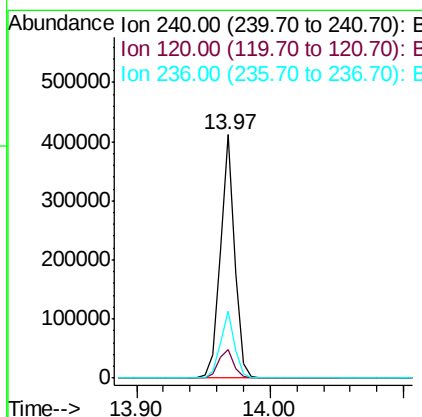
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	240	Resp:	311401
Ion Ratio	Lower	Upper	
240	100		
120	11.7	10.7	16.1
236	27.7	22.2	33.2





#77

Benzidine

Concen: 26.870 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

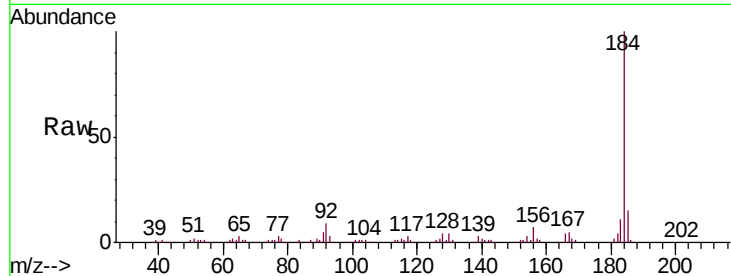
ClientSampleId :

PB122210BS

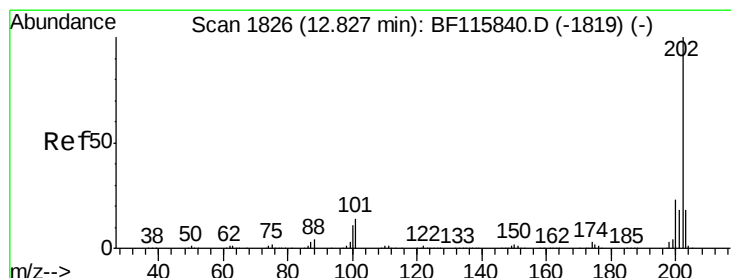
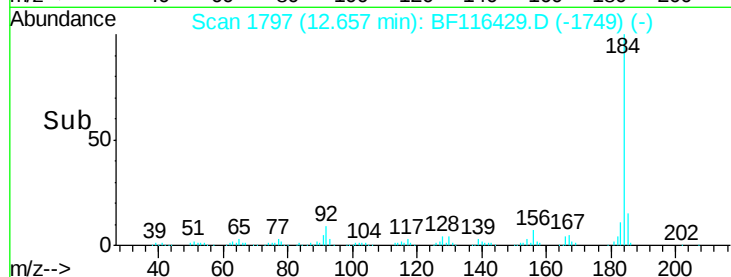
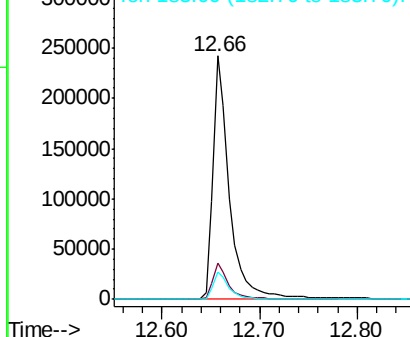
Tgt Ion:	184	Resp:	282689
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.8	19.2
183	11.4	9.4	14.0

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.286 ng

RT: 12.77 min Scan# 1816

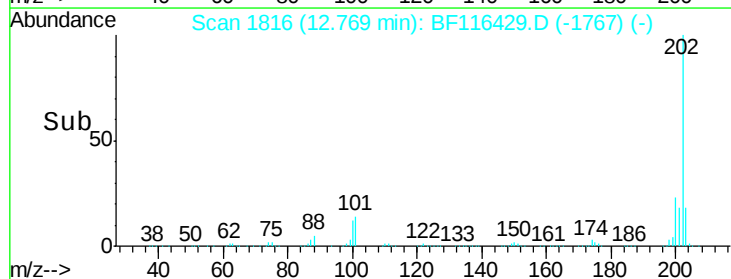
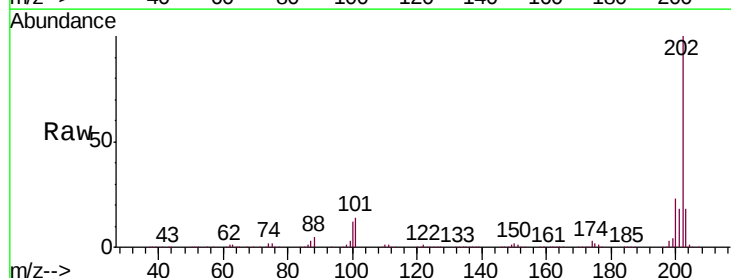
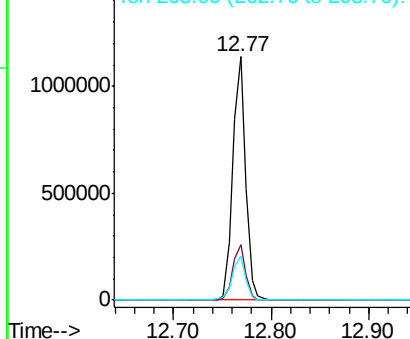
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt Ion:	202	Resp:	1039565
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.0	27.0
203	18.0	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





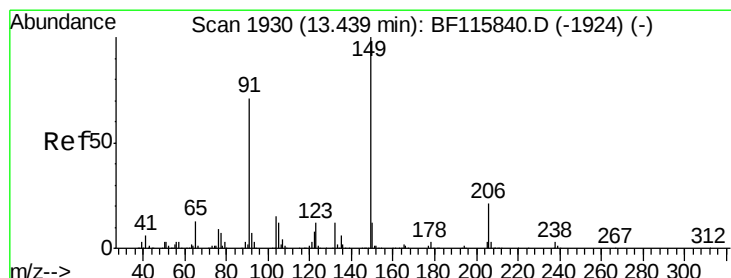
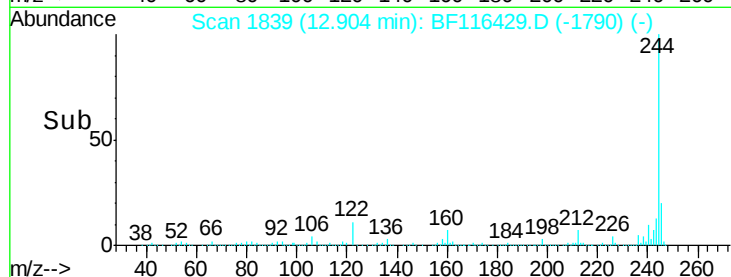
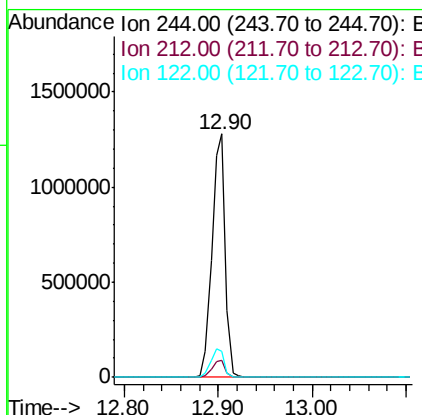
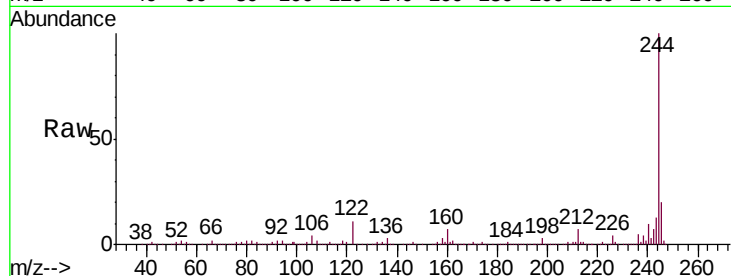
#79
 Terphenyl-d14
 Concen: 86.128 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.8	9.0	13.4

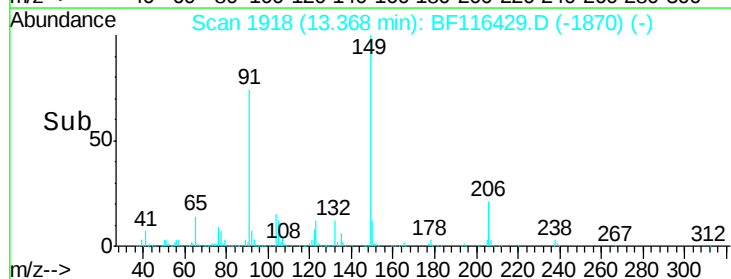
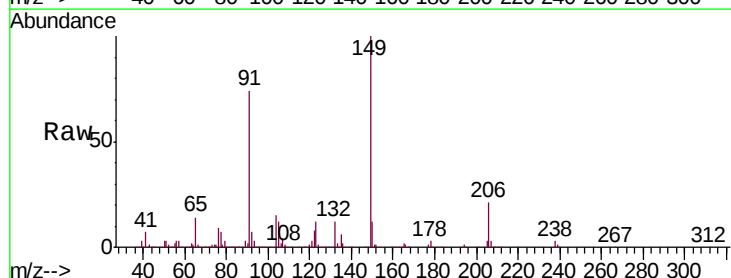
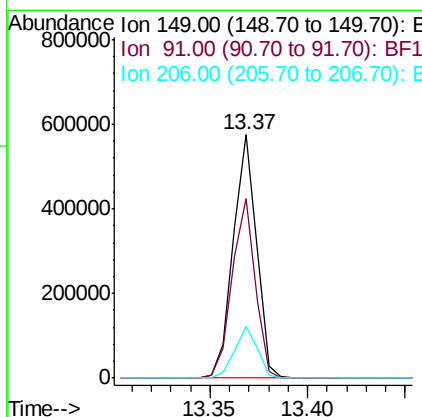
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:09 PM



#80
 Butylbenzylphthalate
 Concen: 47.932 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116429.D
 Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.3	84.5
206	21.2	18.0	27.0





#81

Benzo(a)anthracene

Concen: 42.824 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Instrument :

BNA_F

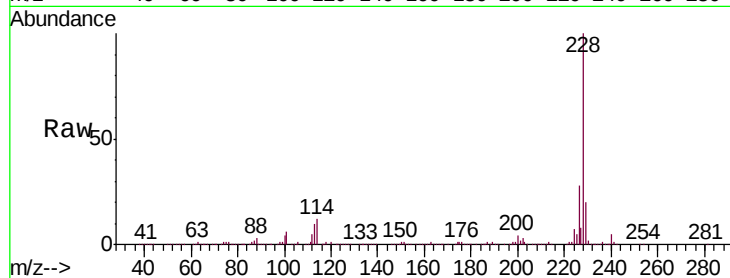
ClientSampleId :

PB122210BS

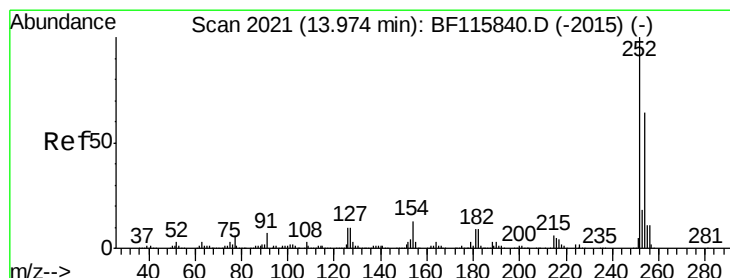
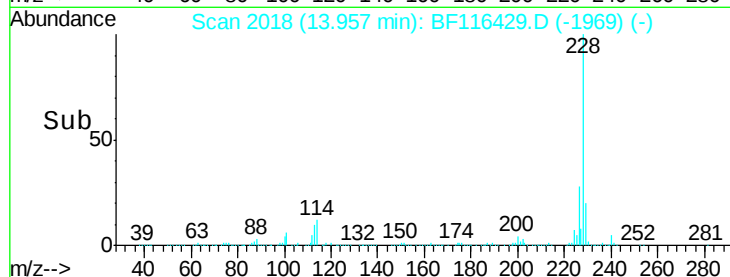
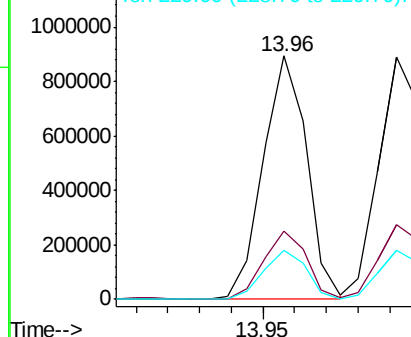
Tgt	Ion	Resp	Lower	Upper
228	100			
226	28.2	22.7	34.1	
229	20.4	16.2	24.4	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E
800000
600000
400000
200000
0



#82

3,3'-Dichlorobenzidine

Concen: 38.890 ng

RT: 13.91 min Scan# 2010

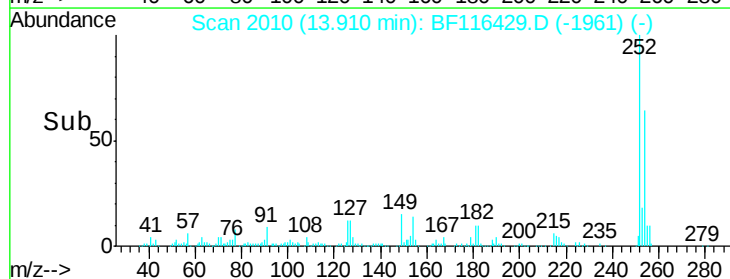
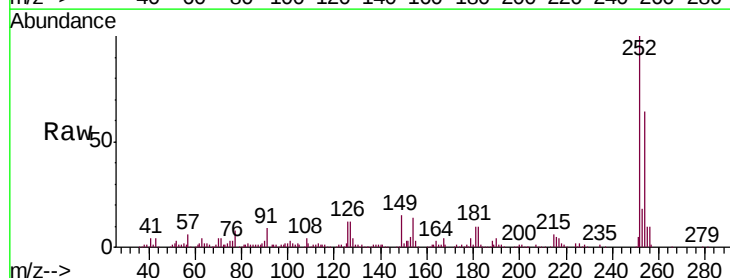
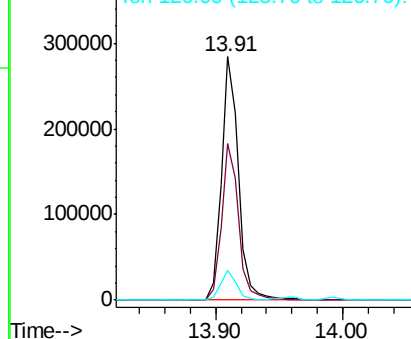
Delta R.T. -0.01 min

Lab File: BF116429.D

Acq: 20 Aug 2019 12:38

Tgt	Ion	Resp	Lower	Upper
252	100			
254	64.4	50.9	76.3	
126	12.4	9.8	14.8	

Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
200000
Ion 126.00 (125.70 to 126.70): E
100000
0





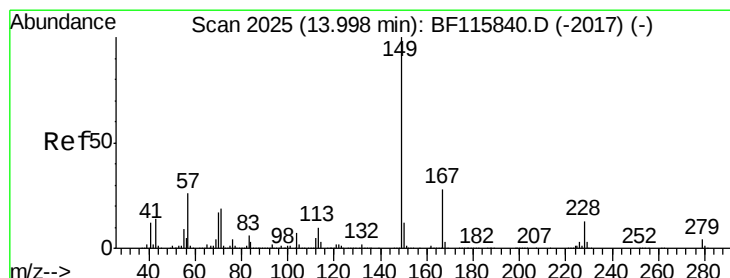
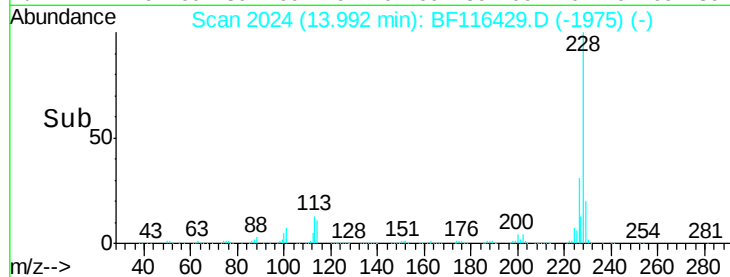
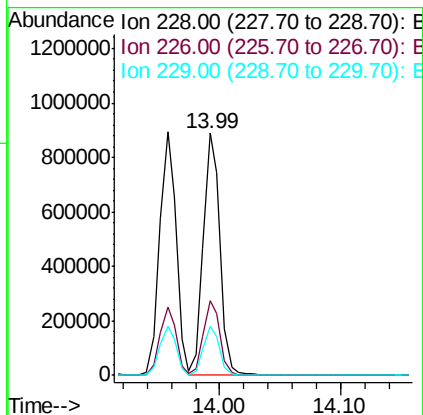
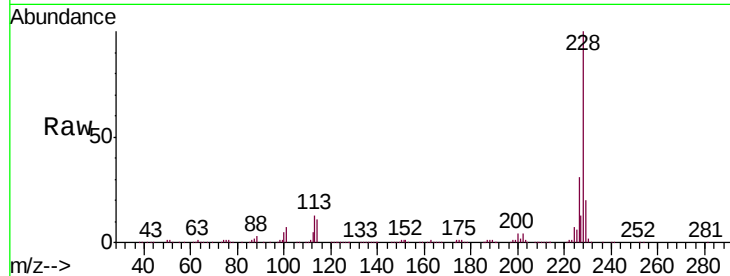
#83
Chrysene
Concen: 43.822 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.1	16.6	24.8

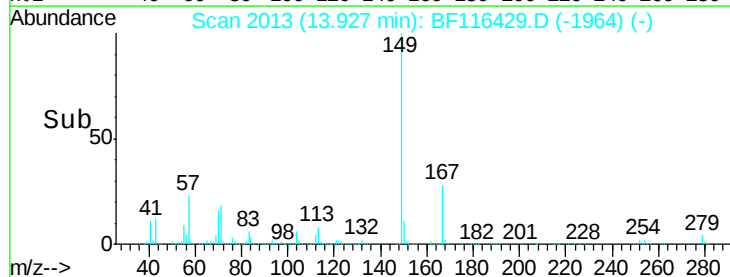
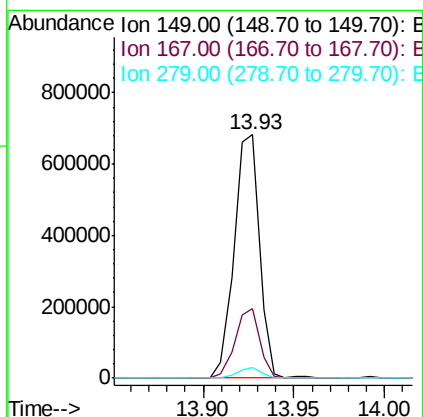
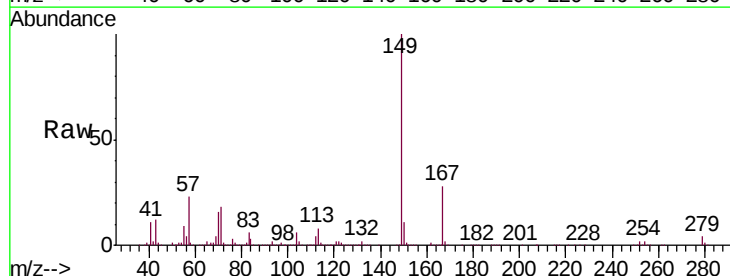
Manual Integrations
APPROVED

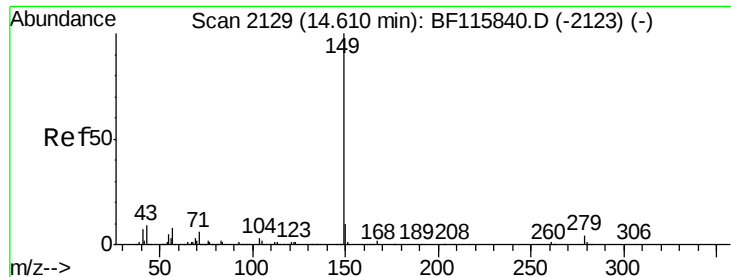
Jagrut
8/21/2019 3:51:09 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.633 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.6	32.4
279	4.5	3.0	4.4#





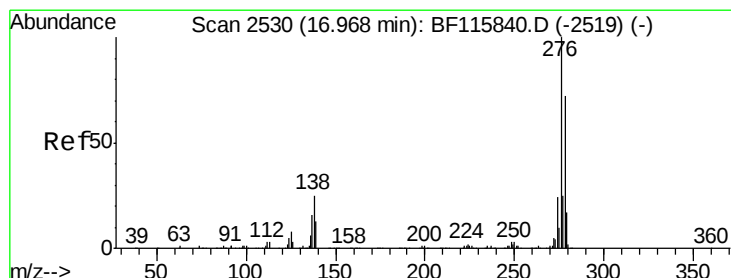
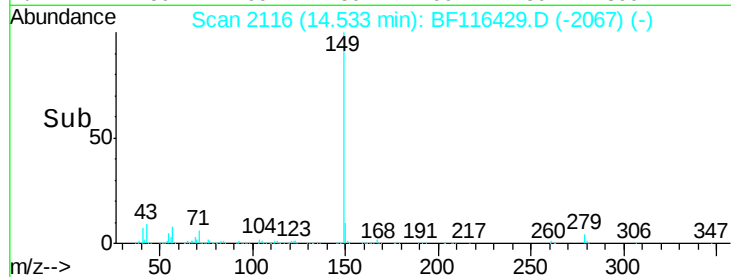
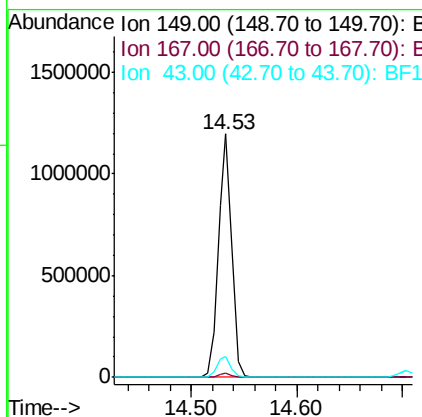
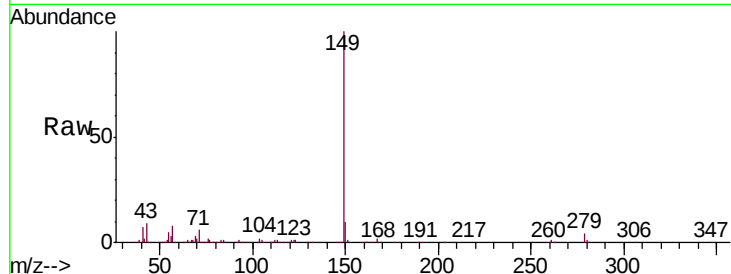
#85
Di-n-octyl phthalate
Concen: 52.165 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

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

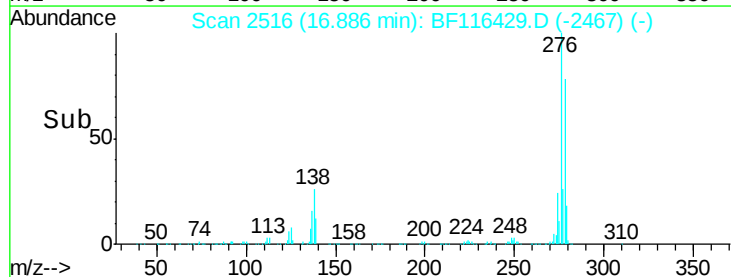
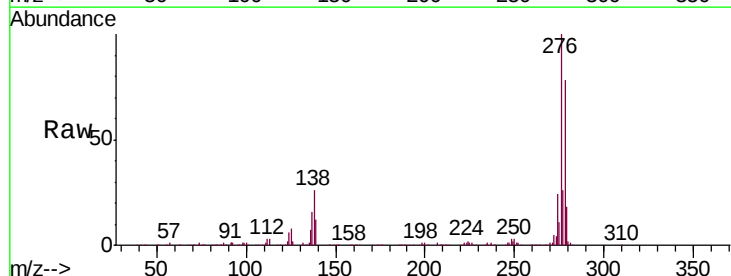
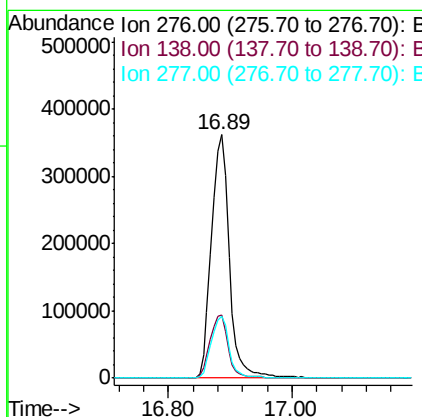
Manual Integrations
APPROVED

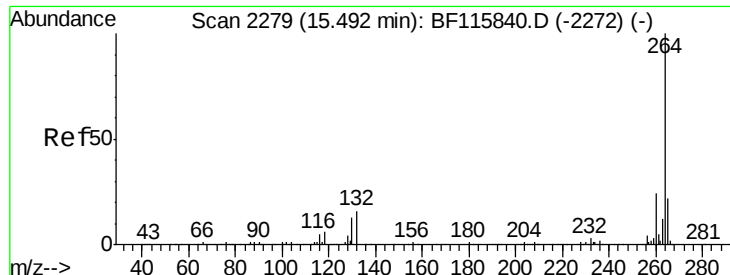
Jagrut
8/21/2019 3:51:09 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.736 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.4	30.6
277	25.5	20.0	30.0





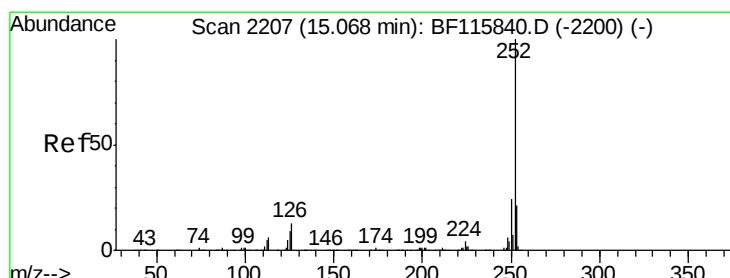
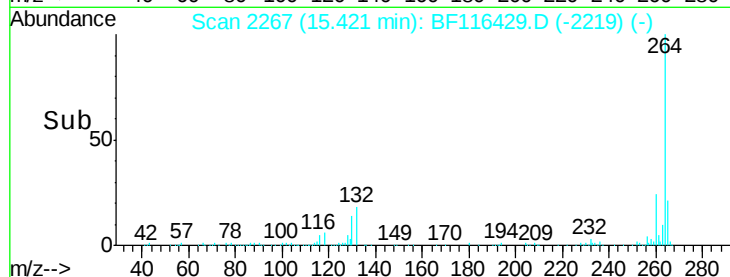
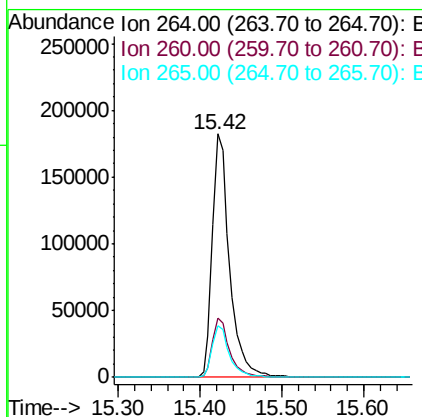
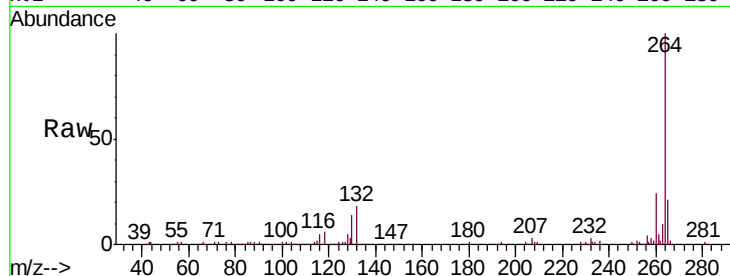
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :
PB122210BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268419		
260	24.5	19.7	29.5	
265	21.3	17.4	26.0	

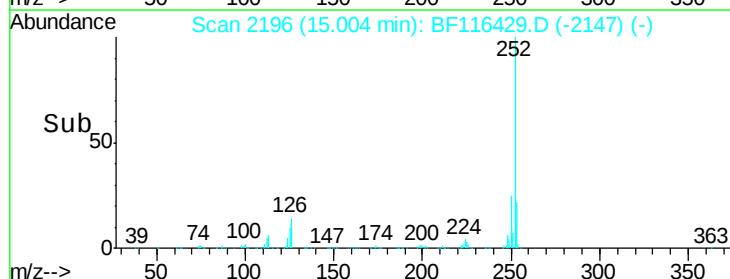
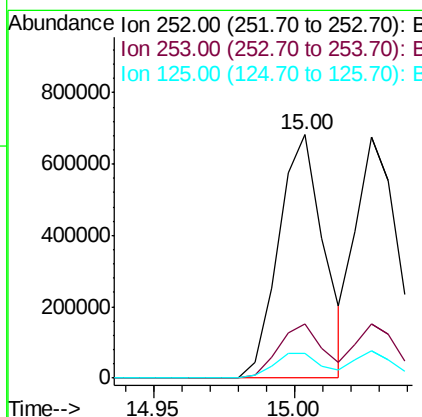
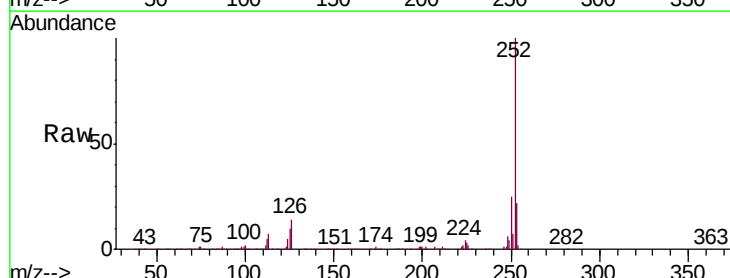
Manual Integrations
APPROVED

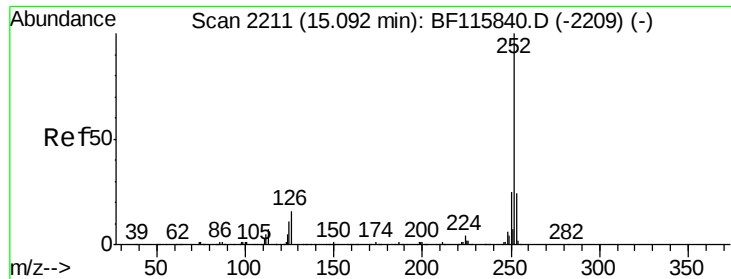
Jagrut
8/21/2019 3:51:09 PM



#88
Benzo(b)fluoranthene
Concen: 48.876 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	758564		
253	22.4	17.8	26.8	
125	9.9	8.4	12.6	





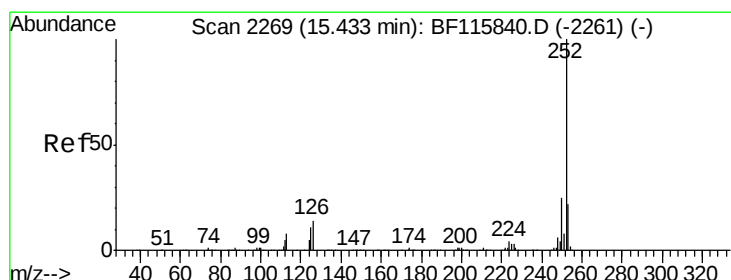
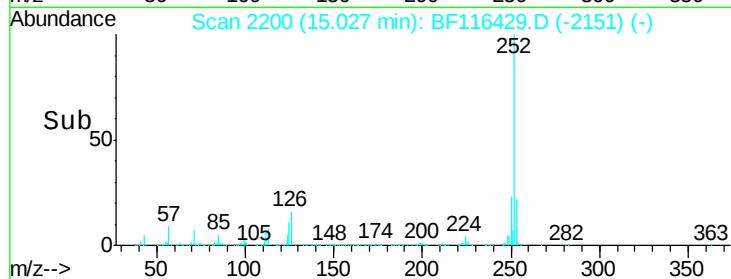
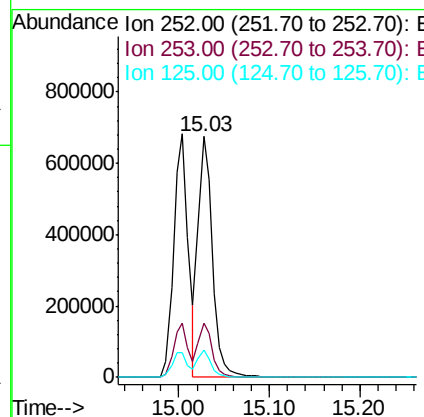
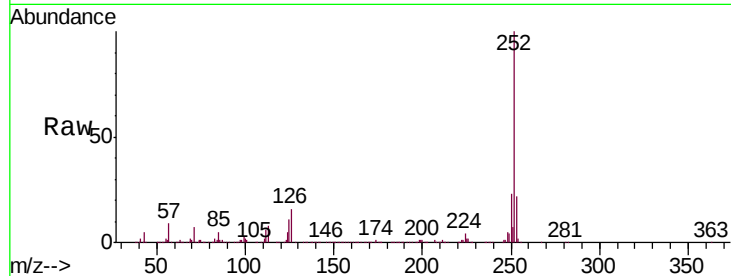
#89
Benzo(k)fluoranthene
Concen: 47.829 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.4	7.7	11.5

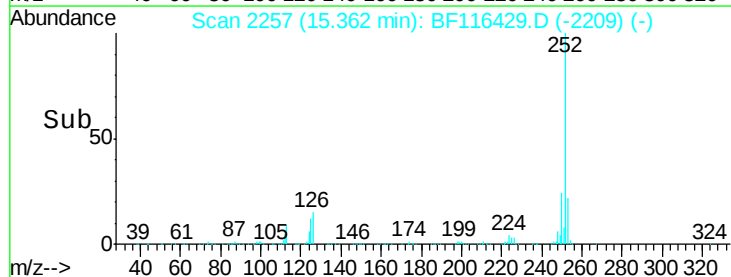
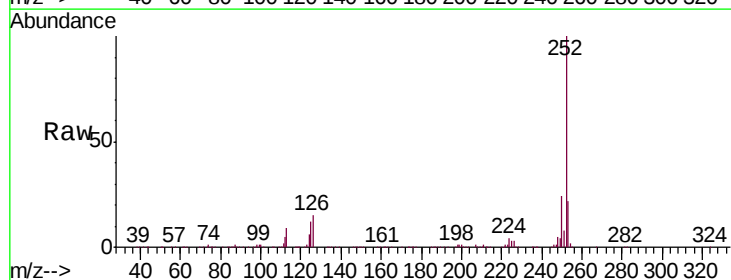
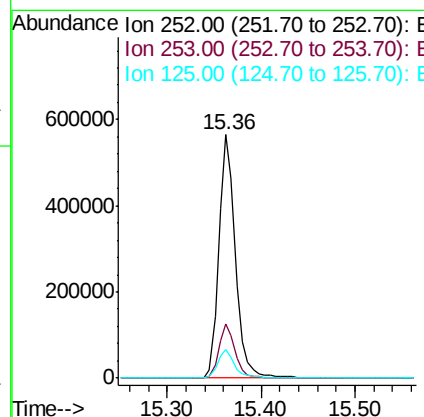
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#90
Benzo(a)pyrene
Concen: 50.517 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.6	8.9	13.3





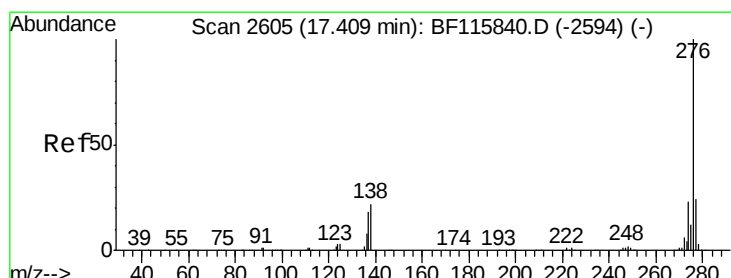
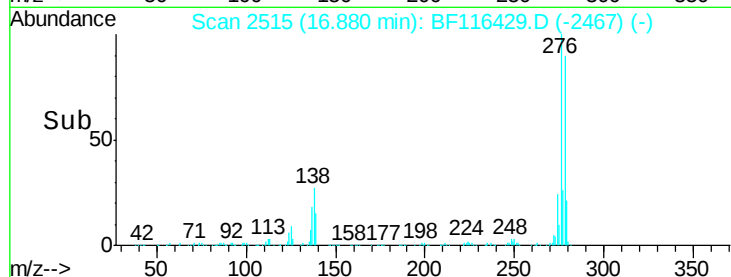
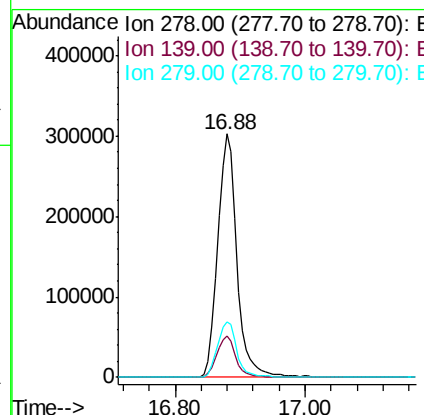
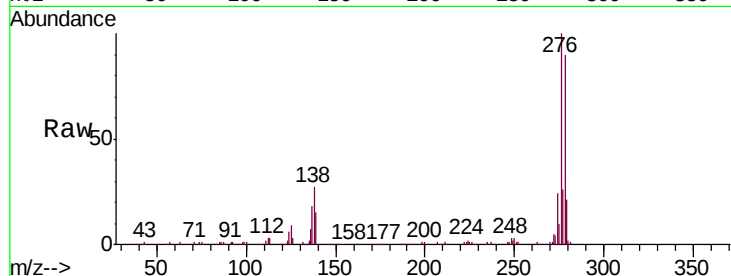
#91
Dibenzo(a,h)anthracene
Concen: 51.596 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :
PB122210BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.0	18.8	28.2

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:09 PM



#92
Benzo(g,h,i)perylene
Concen: 51.599 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116429.D
Acq: 20 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	22.7	17.0	25.6

