

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116424.D
 Acq On : 20 Aug 2019 10:23
 Operator : HP/JU
 Sample : PB122336BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM

Quant Time: Aug 20 15:18:47 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	120924	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	505286	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	265995	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	463648	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	327970	20.00	ng	-0.01
87) Perylene-d12	15.42	264	251151	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	819446	113.44	ng	0.00
7) Phenol-d6	6.46	99	980694	107.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	646153	73.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	270039	104.71	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1110942	78.23	ng	-0.01
79) Terphenyl-d14	12.90	244	1252939	80.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	134304	36.804	ng	98
3) Pyridine	3.40	79	299202	29.352	ng	99
4) n-Nitrosodimethylamine	3.33	42	141112	35.078	ng	100
6) Aniline	6.47	93	348847	26.728	ng	# 50
8) 2-Chlorophenol	6.60	128	340884	42.677	ng	96
9) Benzaldehyde	6.37	77	77549	12.332	ng	98
10) Phenol	6.47	94	423483	39.459	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	323042	40.941	ng	96
12) 1,3-Dichlorobenzene	6.75	146	357171	38.691	ng	99
13) 1,4-Dichlorobenzene	6.82	146	368942	39.916	ng	99
14) 1,2-Dichlorobenzene	6.97	146	341280	40.100	ng	99
15) Benzyl Alcohol	6.96	79	273462	39.539	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420194	39.042	ng	61
17) 2-Methylphenol	7.07	107	279360	41.304	ng	# 90
18) Hexachloroethane	7.31	117	133027	39.091	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	237926	42.130	ng	98
20) 3+4-Methylphenols	7.23	107	365344	45.647	ng	# 77
22) Acetophenone	7.22	105	471404	42.539	ng	# 93
24) Nitrobenzene	7.39	77	379295	40.129	ng	98
25) Isophorone	7.63	82	672113	40.154	ng	99
26) 2-Nitrophenol	7.71	139	185451	41.624	ng	95
27) 2,4-Dimethylphenol	7.75	122	299610	44.697	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	410899	39.606	ng	99
29) 2,4-Dichlorophenol	7.96	162	290858	41.096	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	311473	38.607	ng	99
31) Naphthalene	8.10	128	972683	40.907	ng	99
32) Benzoic acid	7.91	122	163759	34.651	ng	98
33) 4-Chloroaniline	8.16	127	280737	26.425	ng	98
34) Hexachlorobutadiene	8.22	225	176585	38.000	ng	98
35) Caprolactam	8.54	113	89087m	38.918	ng	
36) 4-Chloro-3-methylphenol	8.66	107	301516	40.950	ng	98
37) 2-Methylnaphthalene	8.80	142	642295	41.016	ng	99
38) 1-Methylnaphthalene	8.89	142	599393	40.459	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	293276	41.242	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116424.D
 Acq On : 20 Aug 2019 10:23
 Operator : HP/JU
 Sample : PB122336BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

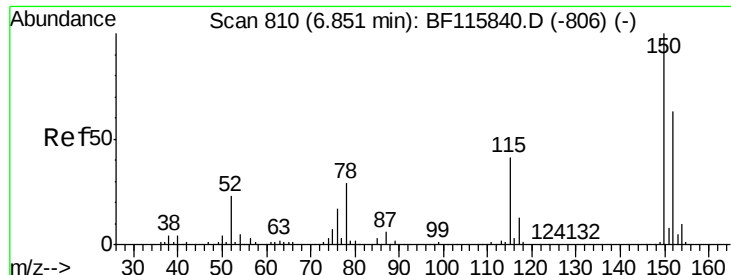
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM

Quant Time: Aug 20 15:18:47 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	115466	39.414	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	180588	36.895	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	186463	36.853	ng	96
46) 1,1'-Biphenyl	9.26	154	780311	41.552	ng	99
47) 2-Chloronaphthalene	9.29	162	615789	39.398	ng	100
48) 2-Nitroaniline	9.39	65	191980	37.161	ng	97
49) Acenaphthylene	9.70	152	921364	40.406	ng	98
50) Dimethylphthalate	9.56	163	711672	39.294	ng	100
51) 2,6-Dinitrotoluene	9.63	165	159790	40.598	ng #	82
52) Acenaphthene	9.87	154	558940	39.956	ng	99
53) 3-Nitroaniline	9.80	138	127961	26.312	ng	99
54) 2,4-Dinitrophenol	9.93	184	113428	58.941	ng	98
55) Dibenzofuran	10.05	168	789526	38.810	ng	99
56) 4-Nitrophenol	9.99	139	173859	55.806	ng	92
57) 2,4-Dinitrotoluene	10.05	165	194524	37.121	ng #	91
58) Fluorene	10.39	166	652032	41.659	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	168328	39.544	ng	98
60) Diethylphthalate	10.26	149	692953	40.981	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	328728	41.470	ng	99
62) 4-Nitroaniline	10.42	138	152508	30.344	ng	99
63) Azobenzene	10.53	77	714203	41.065	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	98470	40.077	ng	98
66) n-Nitrosodiphenylamine	10.50	169	578580	41.459	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	199617	40.218	ng	99
68) Hexachlorobenzene	10.94	284	223224	38.894	ng	98
69) Atrazine	11.02	200	171167	37.283	ng	99
70) Pentachlorophenol	11.15	266	159131	57.109	ng	98
71) Phenanthrene	11.35	178	955551	40.314	ng	100
72) Anthracene	11.40	178	973039	40.563	ng	100
73) Carbazole	11.56	167	876841	40.290	ng	100
74) Di-n-butylphthalate	11.87	149	1113067	43.843	ng	99
75) Fluoranthene	12.54	202	1007453	40.600	ng	98
77) Benzidine	12.66	184	211382	19.077	ng	97
78) Pyrene	12.77	202	1012152	40.940	ng	99
80) Butylbenzylphthalate	13.37	149	468034	44.754	ng	97
81) Benzo(a)anthracene	13.96	228	835224	39.843	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	258632	35.513	ng	99
83) Chrysene	13.99	228	818351	40.211	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	654551	48.164	ng #	97
85) Di-n-octyl phthalate	14.53	149	1039681	48.165	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	715454	41.856	ng	99
88) Benzo(b)fluoranthene	15.00	252	752913	51.847	ng	100
89) Benzo(k)fluoranthene	15.03	252	679937m	48.071	ng	
90) Benzo(a)pyrene	15.36	252	678616	52.276	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	614362	54.674	ng	98
92) Benzo(g,h,i)perylene	17.32	276	607003	55.004	ng	100

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



#1

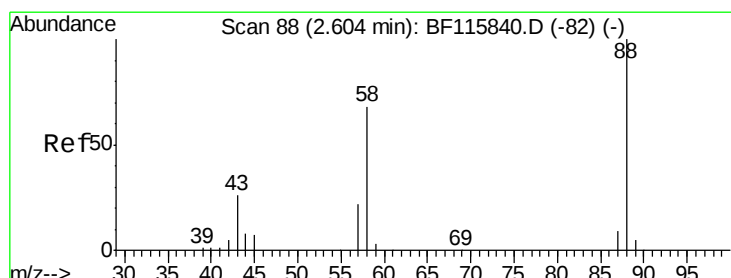
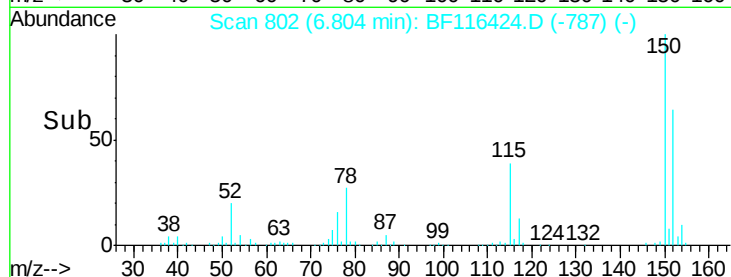
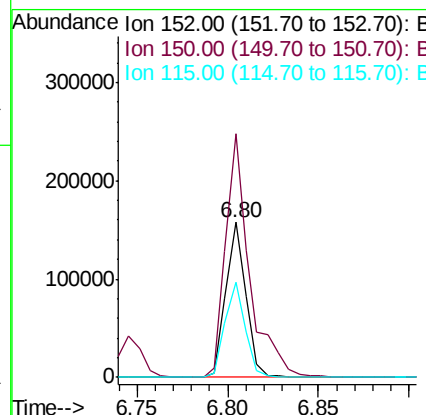
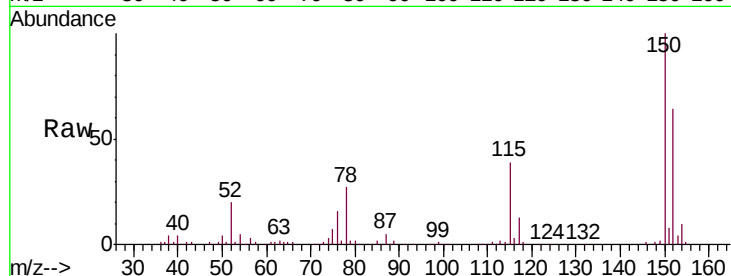
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.1	49.9	74.9

Manual Integrations
APPROVED

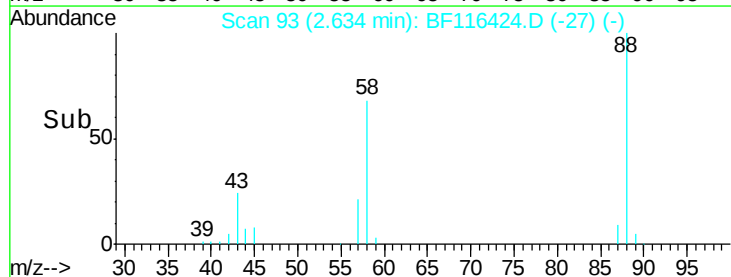
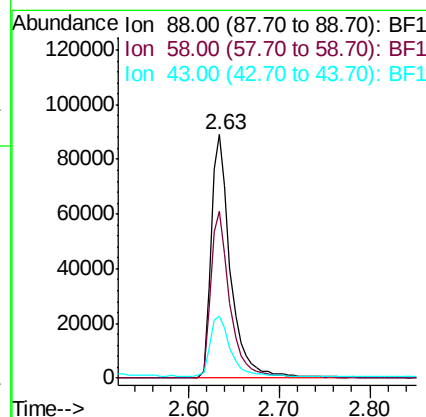
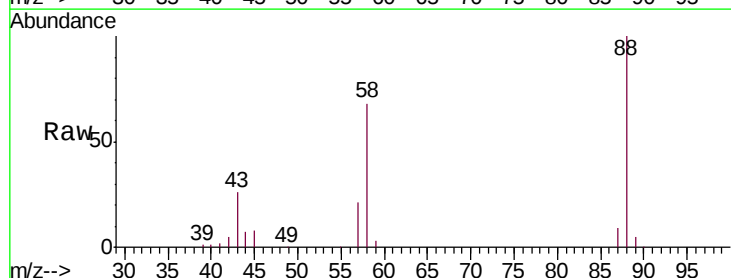
Jagrut
8/21/2019 3:51:02 PM

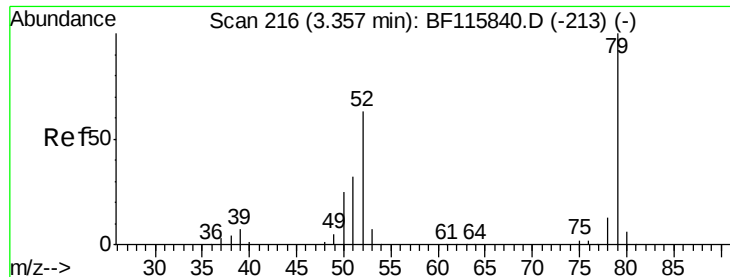


#2

1,4-Dioxane
Concen: 36.804 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.09 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	53.7	80.5
43	25.9	21.0	31.4





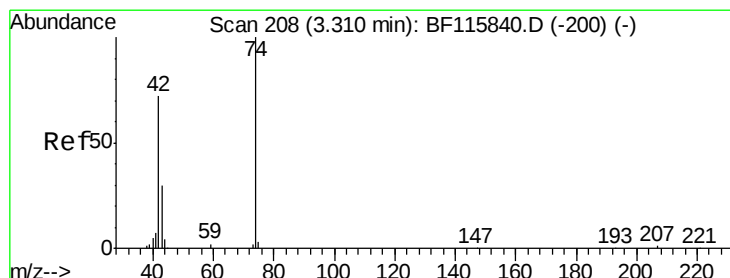
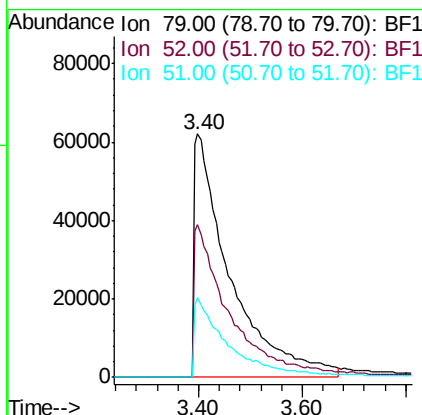
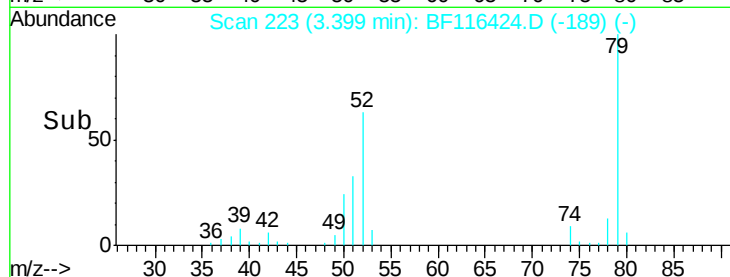
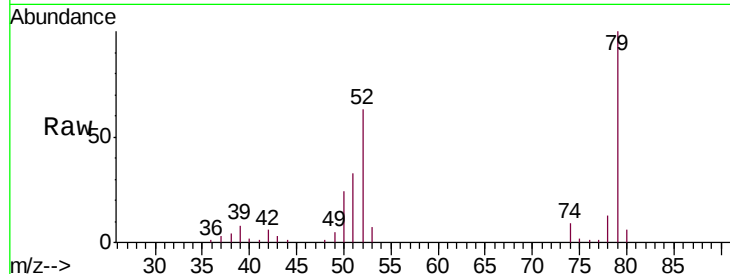
#3
Pyridine
Concen: 29.352 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.10 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion:	79	Resp:	299202
Ion	Ratio	Lower	Upper
79	100		
52	62.8	49.8	74.8
51	32.6	25.2	37.8

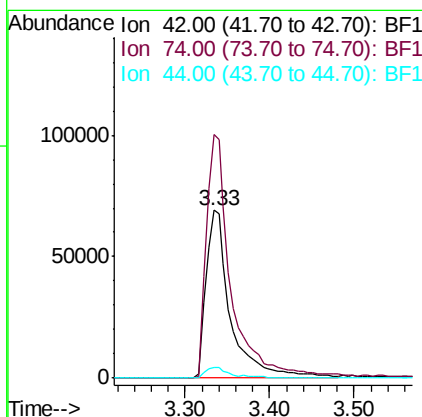
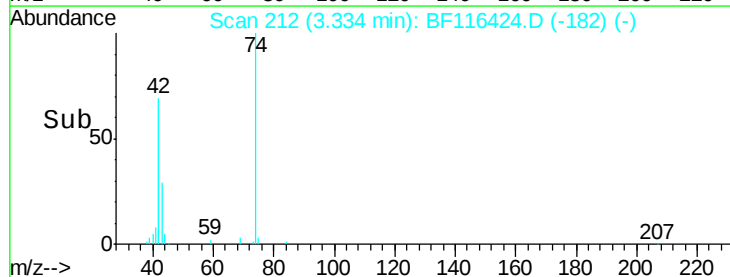
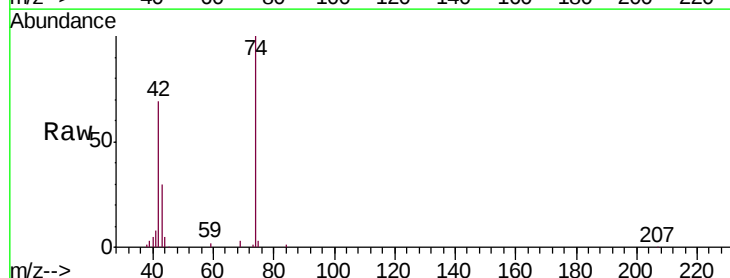
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#4
n-Nitrosodimethylamine
Concen: 35.078 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.08 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion:	42	Resp:	141112
Ion	Ratio	Lower	Upper
42	100		
74	145.2	116.0	174.0
44	6.7	4.6	7.0





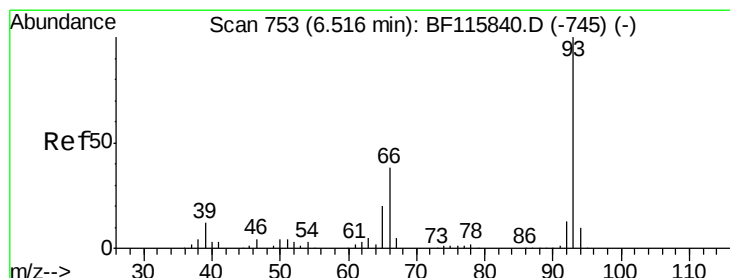
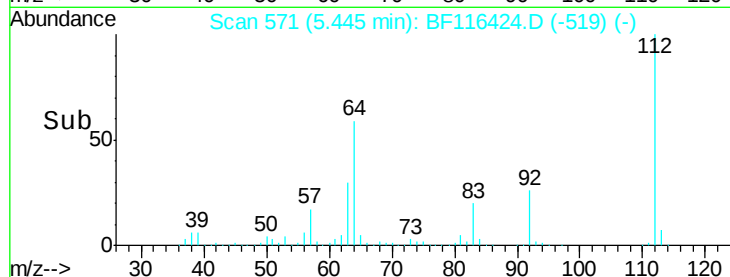
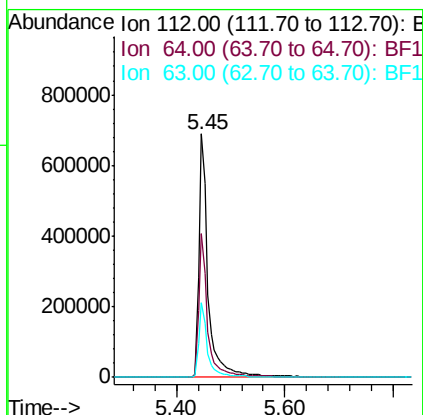
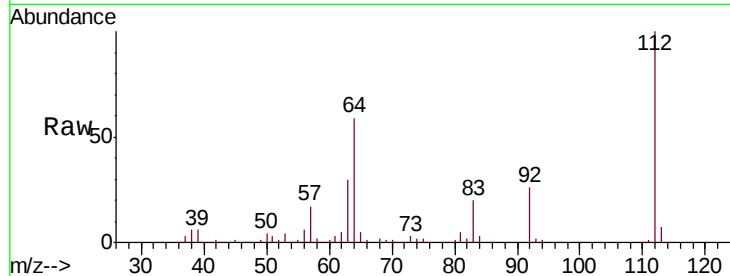
#5
2-Fluorophenol
Concen: 113.443 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	59.1	45.4	68.2
63	30.5	23.7	35.5

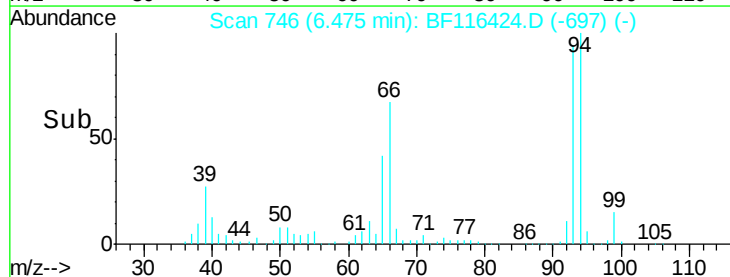
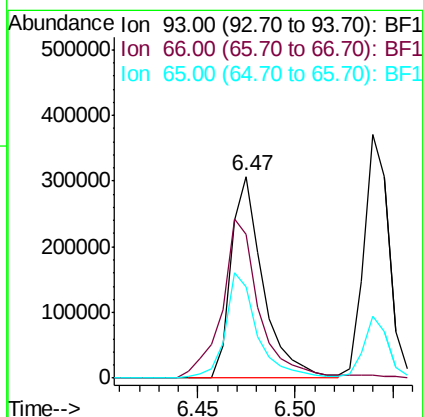
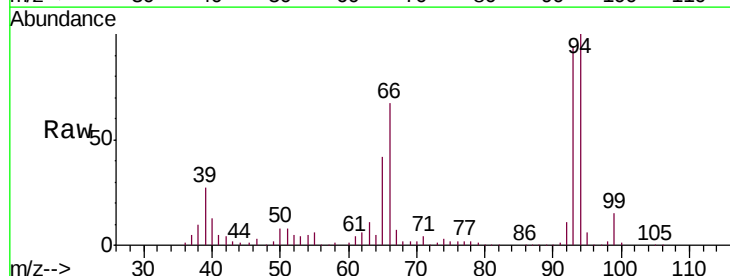
Manual Integrations
APPROVED

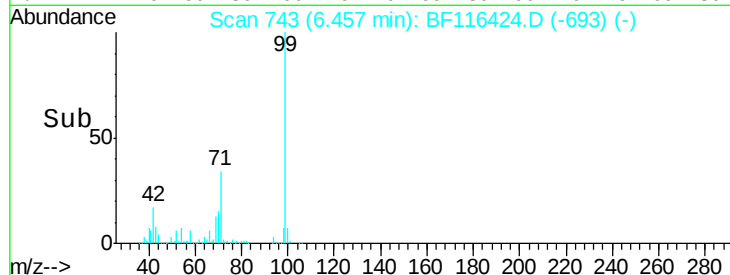
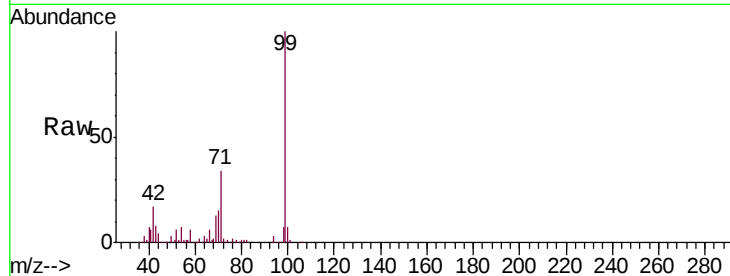
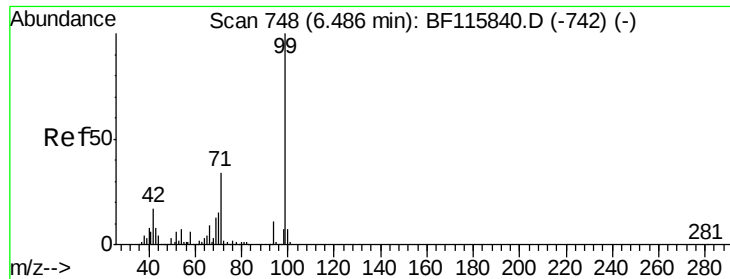
Jagrut
8/21/2019 3:51:02 PM



#6
Aniline
Concen: 26.728 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	71.5	32.2	48.4#
65	45.0	17.0	25.6#





#7

Phenol-d6

Concen: 107.608 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	980694		
42	16.9	13.8	20.8	
71	33.9	27.3	40.9	

Instrument :

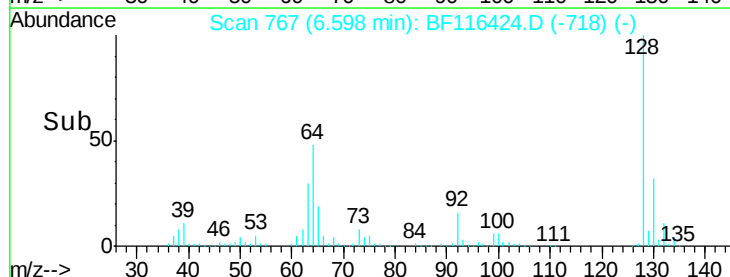
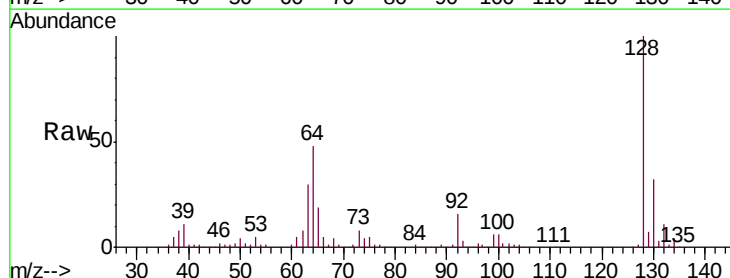
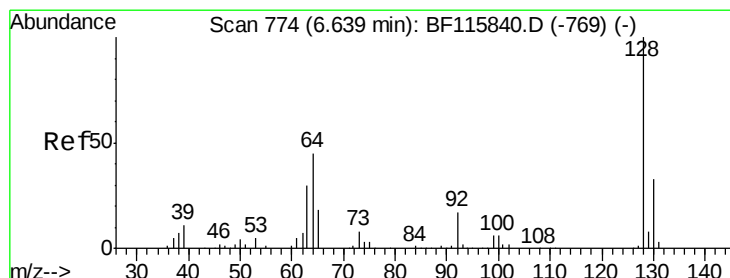
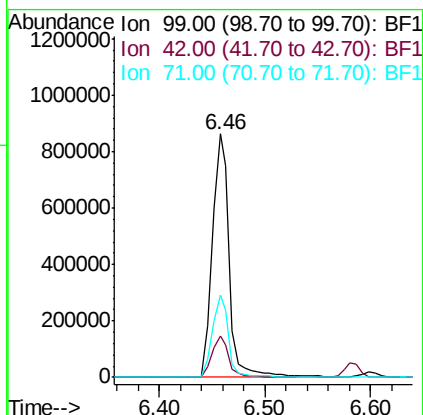
BNA_F

ClientSampled :

PB122336BS

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#8

2-Chlorophenol

Concen: 42.677 ng

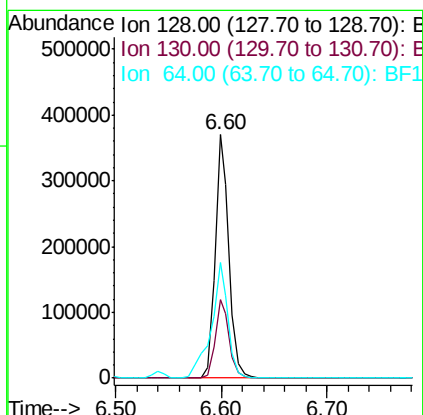
RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	340884		
130	32.1	12.9	52.9	
64	47.6	24.3	64.3	





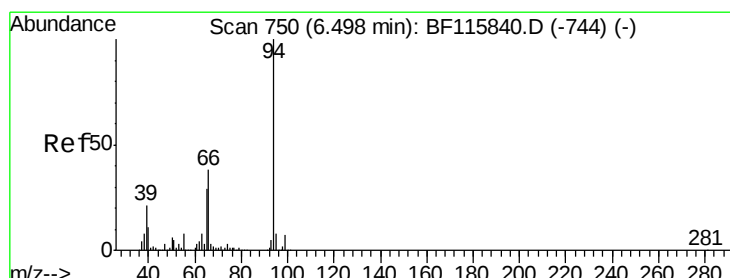
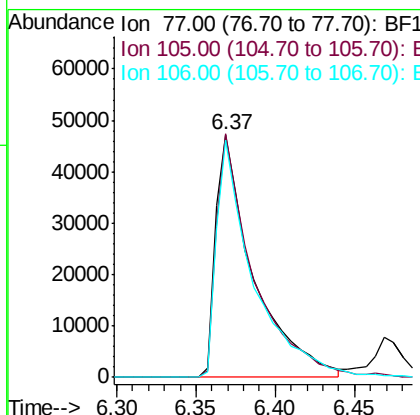
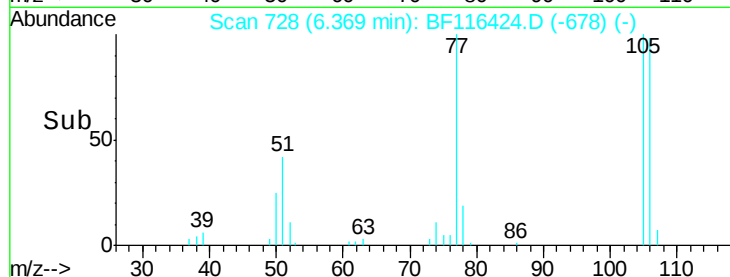
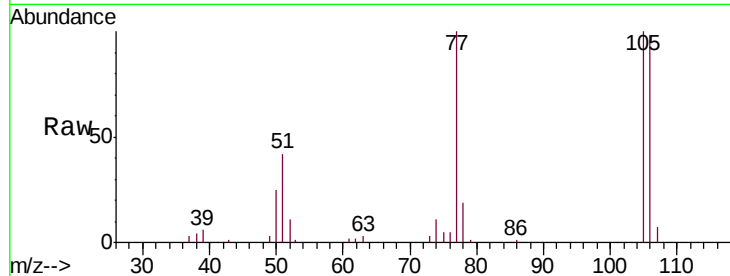
#9
Benzaldehyde
Concen: 12.332 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion: 77 Resp: 77549
Ion Ratio Lower Upper
77 100
105 100.3 79.2 119.2
106 97.8 74.3 114.3

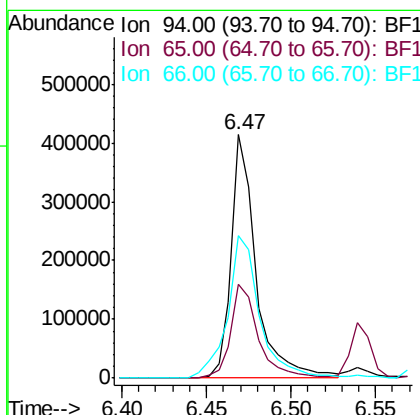
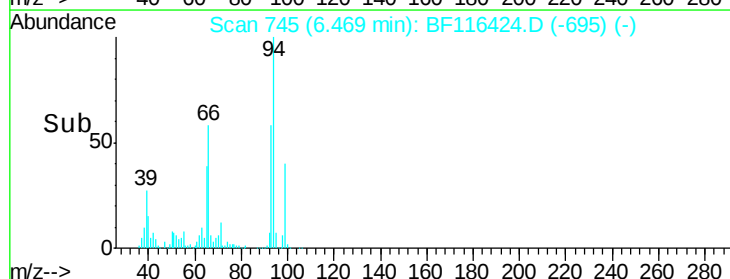
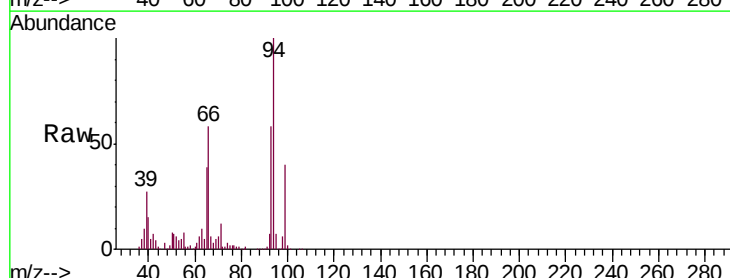
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#10
Phenol
Concen: 39.459 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion: 94 Resp: 423483
Ion Ratio Lower Upper
94 100
65 38.6 16.8 56.8
66 58.4 34.2 74.2





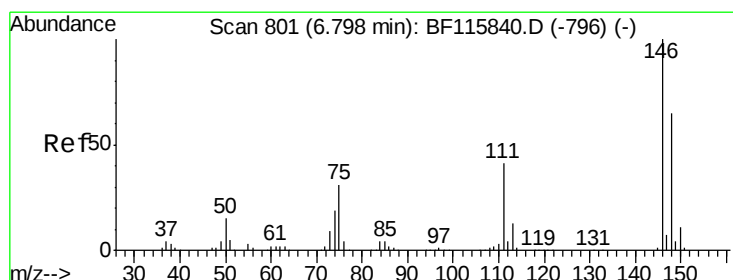
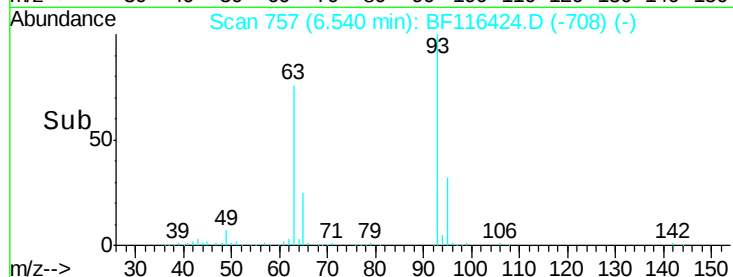
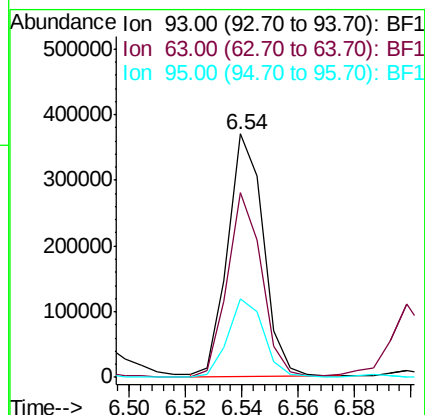
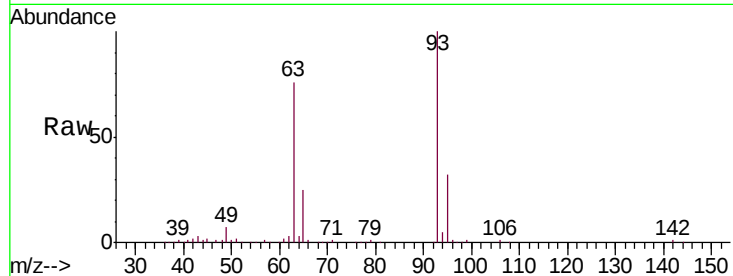
#11
 bis(2-Chloroethyl)ether
 Concen: 40.941 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	323042		
63	76.1	51.9	91.9	
95	32.3	13.0	53.0	

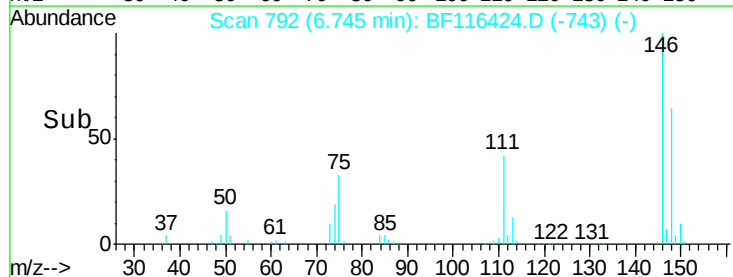
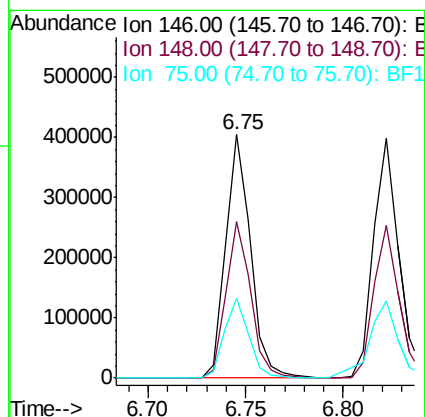
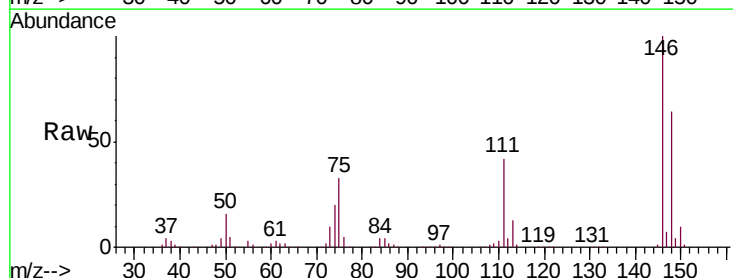
Manual Integrations
 APPROVED

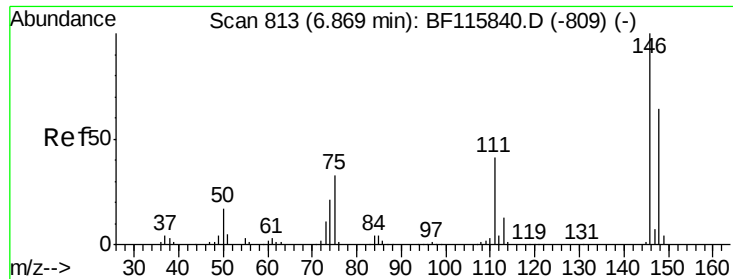
Jagrut
 8/21/2019 3:51:02 PM



#12
 1,3-Dichlorobenzene
 Concen: 38.691 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	357171		
148	64.1	51.3	76.9	
75	32.8	27.4	41.2	





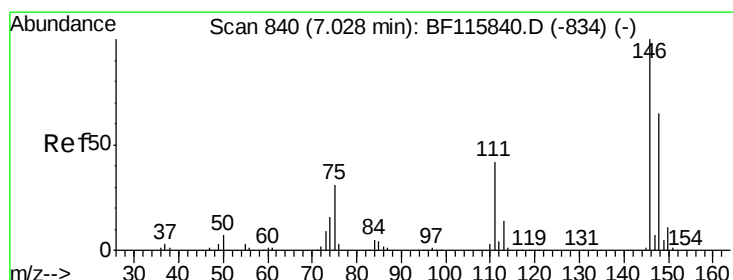
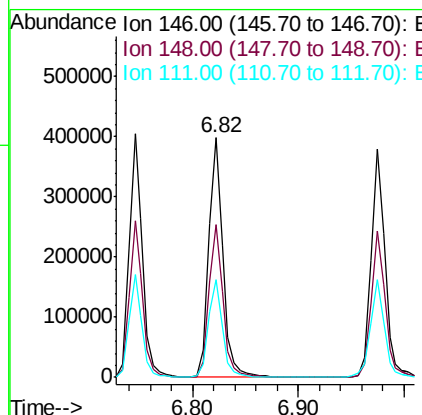
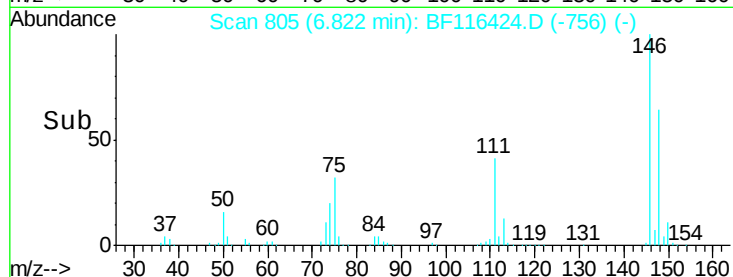
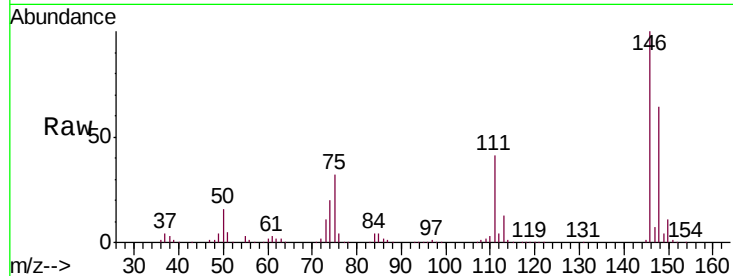
#13
 1,4-Dichlorobenzene
 Concen: 39.916 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampled :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	368942		
148	63.9	51.3	76.9	
111	40.6	34.0	51.0	

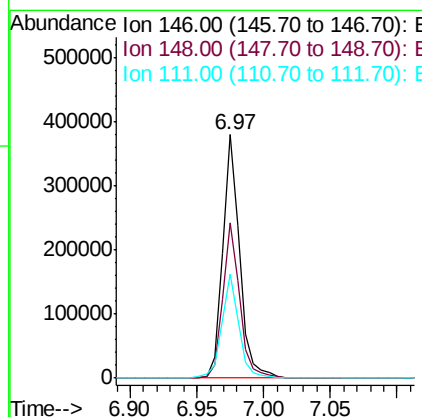
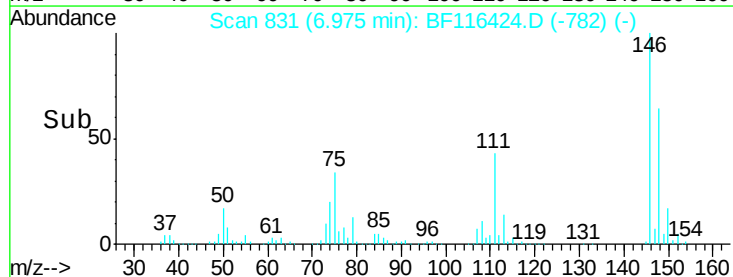
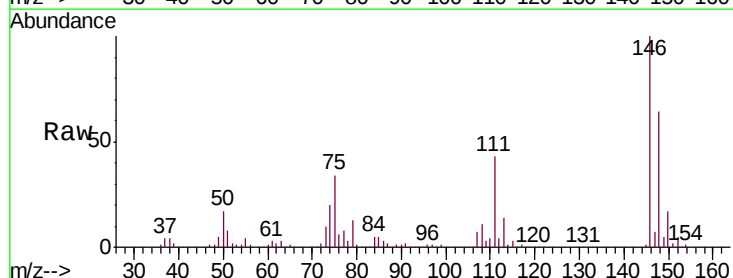
Manual Integrations
 APPROVED

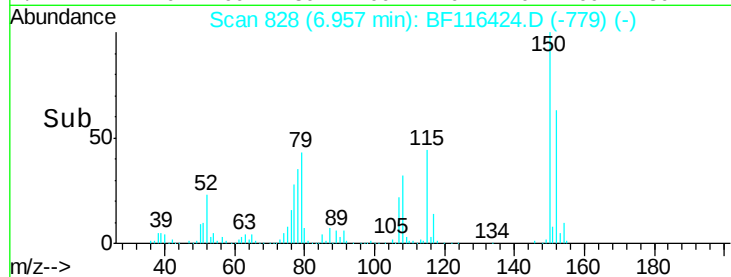
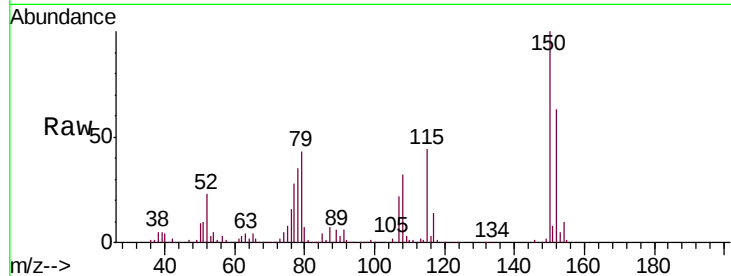
Jagrut
 8/21/2019 3:51:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.100 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341280		
148	64.0	51.2	76.8	
111	43.0	33.5	50.3	





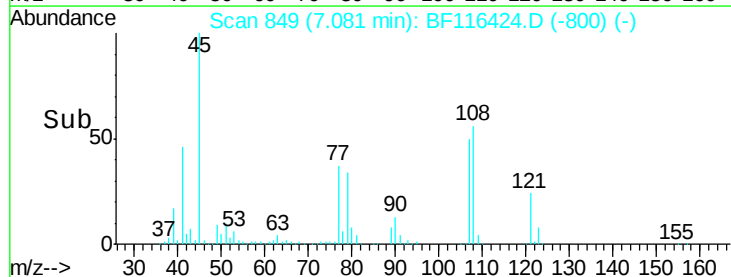
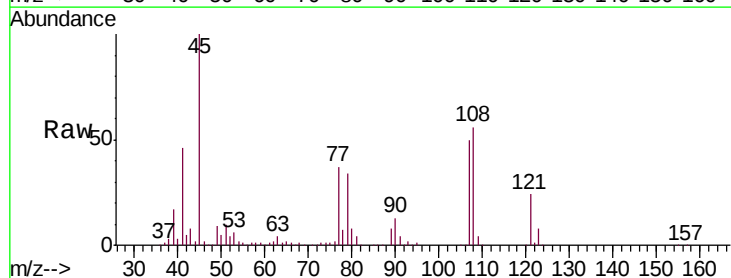
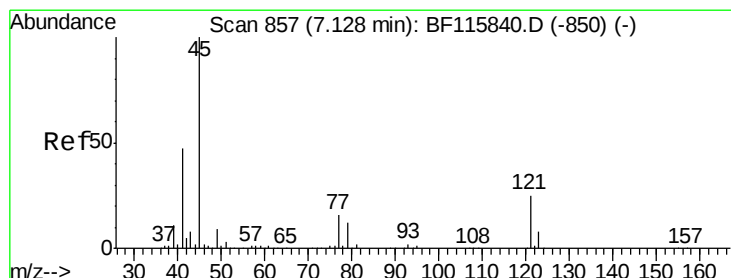
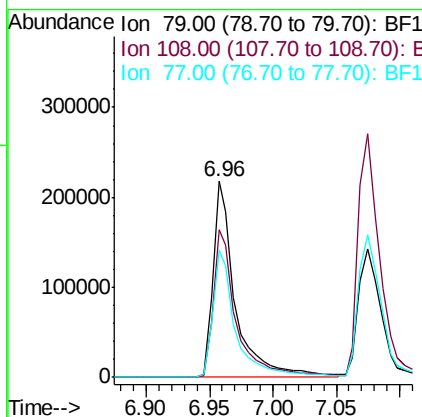
#15
Benzyl Alcohol
Concen: 39.539 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.5	62.7	94.1
77	65.0	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
PB122336BS

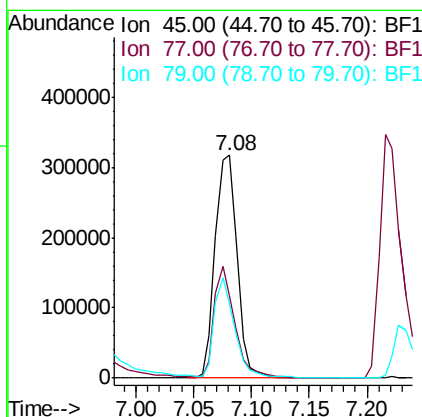
Manual Integrations
APPROVED

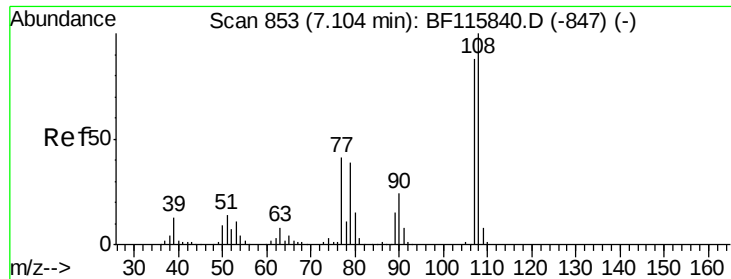
Jagrut
8/21/2019 3:51:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.042 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.1	0.0	40.0
79	33.6	0.0	35.9





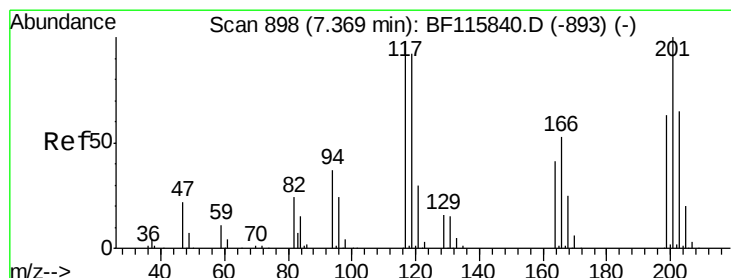
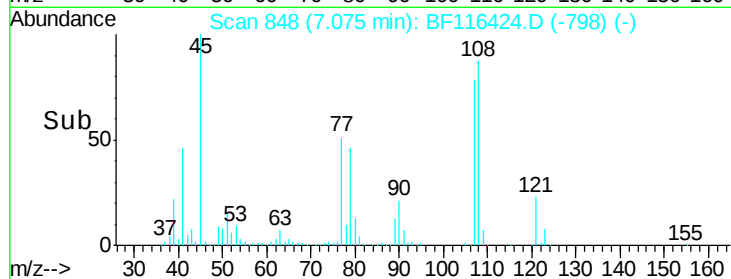
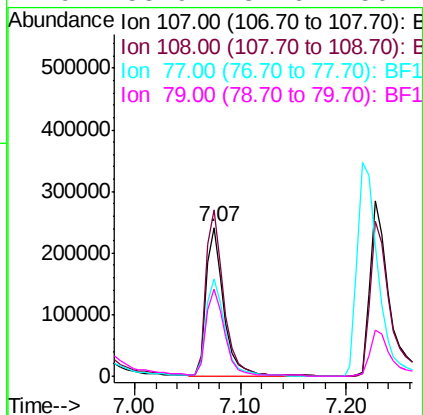
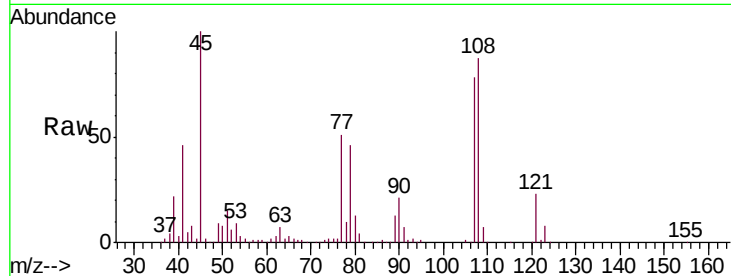
#17
2-Methylphenol
Concen: 41.304 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	279360		
108	112.1	91.2	136.8	
77	65.6	40.3	60.5	
79	58.9	37.6	56.4	

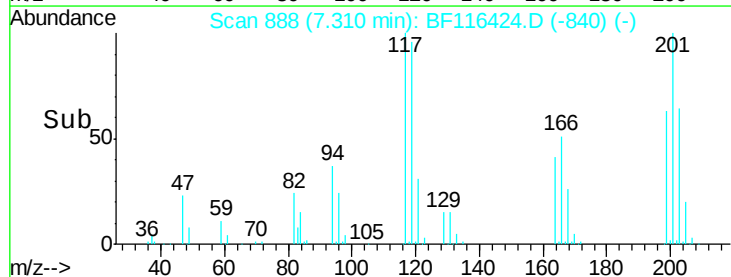
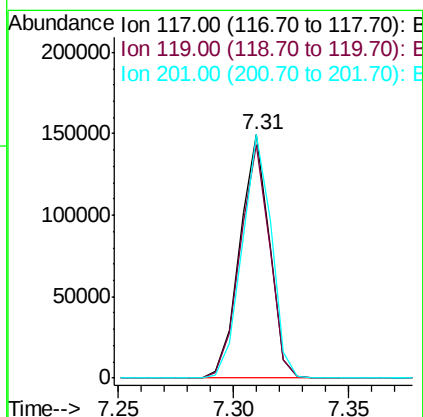
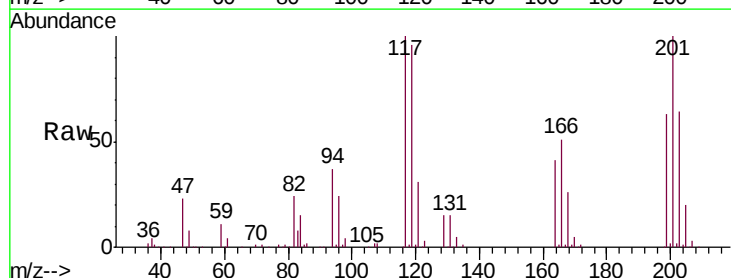
Manual Integrations
APPROVED

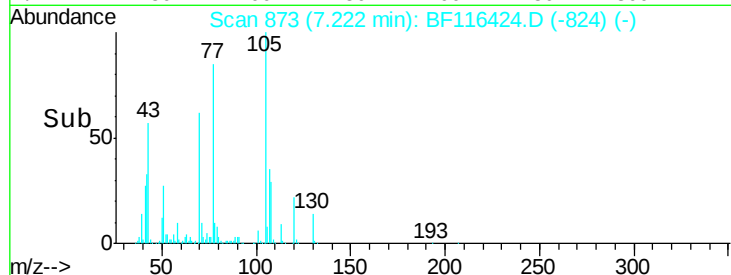
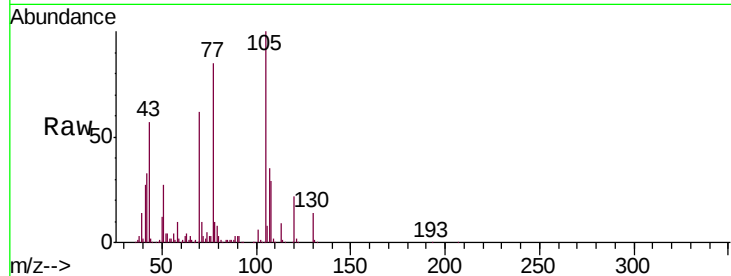
Jagrut
8/21/2019 3:51:02 PM



#18
Hexachloroethane
Concen: 39.091 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133027		
119	96.0	76.1	114.1	
201	100.2	77.0	115.4	





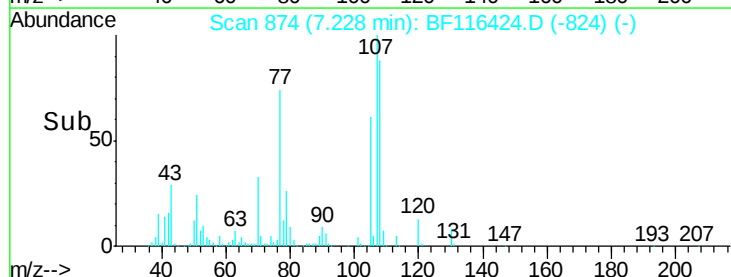
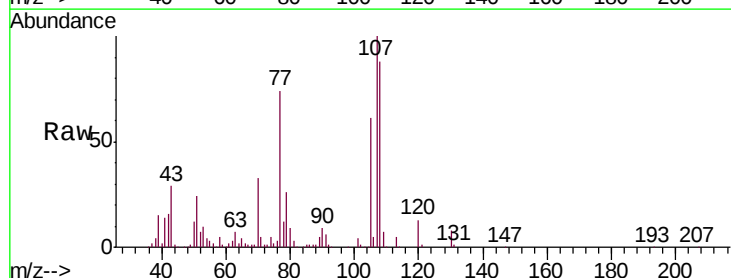
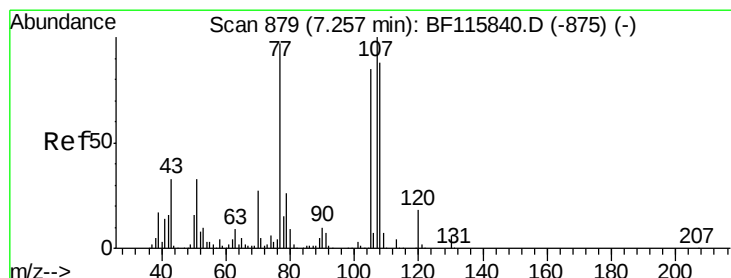
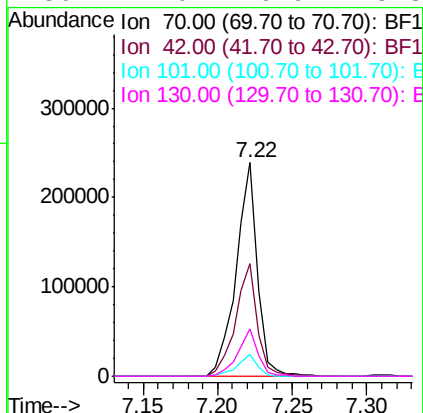
#19
n-Nitroso-di-n-propylamine
Concen: 42.130 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.8	40.9	61.3
101	9.9	7.9	11.9
130	22.0	16.9	25.3

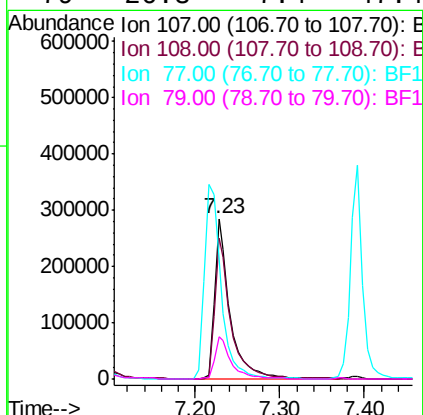
Manual Integrations
APPROVED

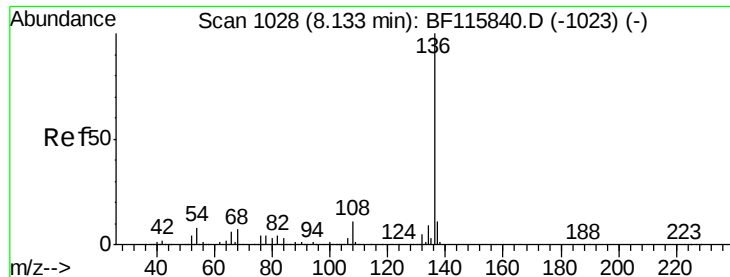
Jagrut
8/21/2019 3:51:02 PM



#20
3+4-Methylphenols
Concen: 45.647 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.6	107.6
77	74.3	104.4	144.4#
79	26.3	7.4	47.4





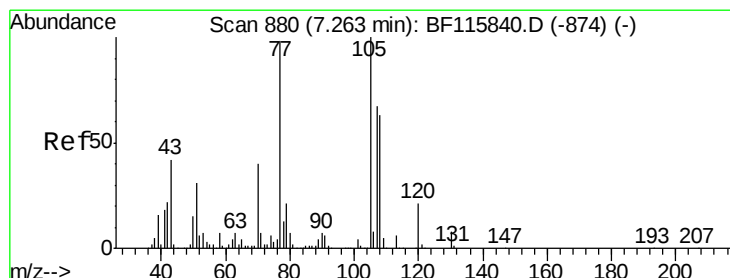
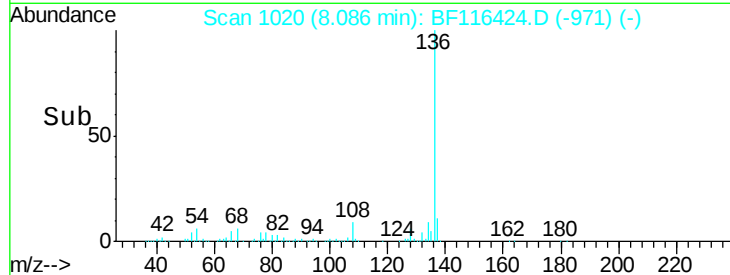
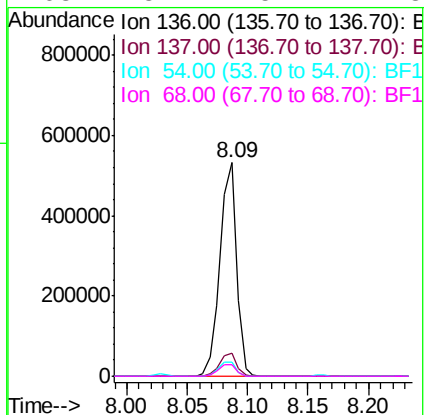
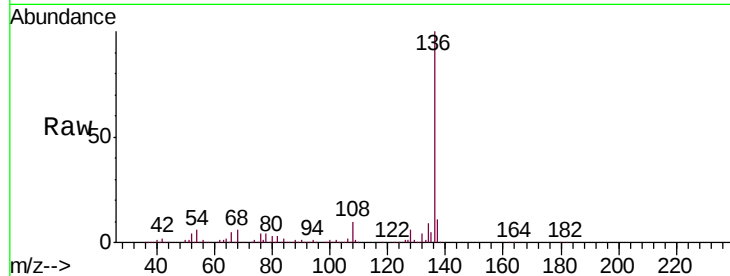
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	505286		
137	10.6	9.0	13.4	
54	6.4	5.8	8.6	
68	5.7	5.2	7.8	

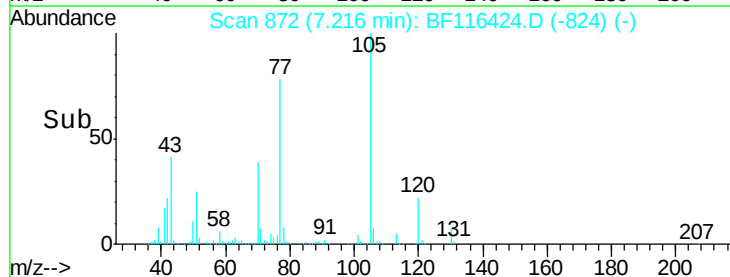
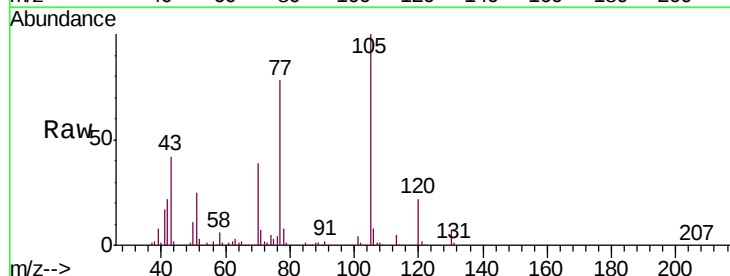
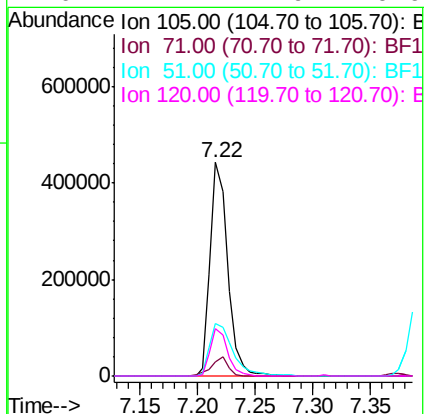
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#22
Acetophenone
Concen: 42.539 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	471404		
71	6.8	5.9	8.9	
51	24.6	25.3	37.9	
120	22.2	17.9	26.9	





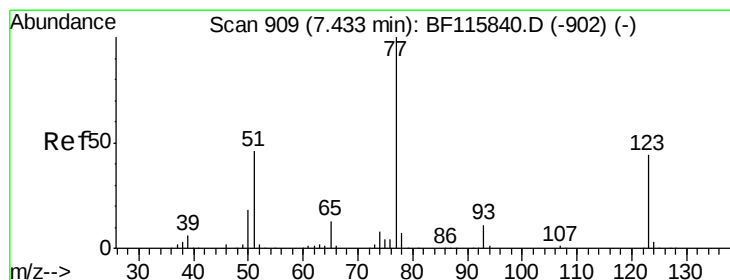
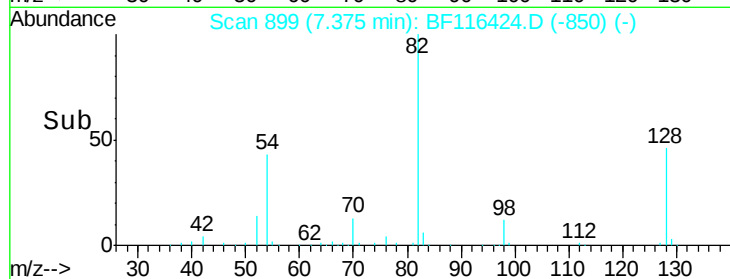
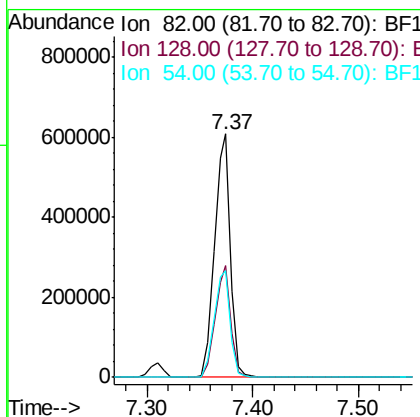
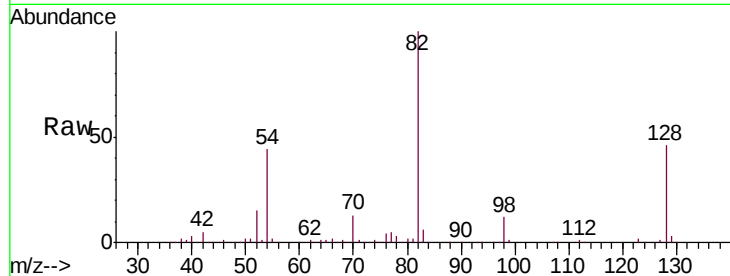
#23
 Nitrobenzene-d5
 Concen: 73.816 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	646153		
128	45.7	36.5	54.7	
54	44.0	36.0	54.0	

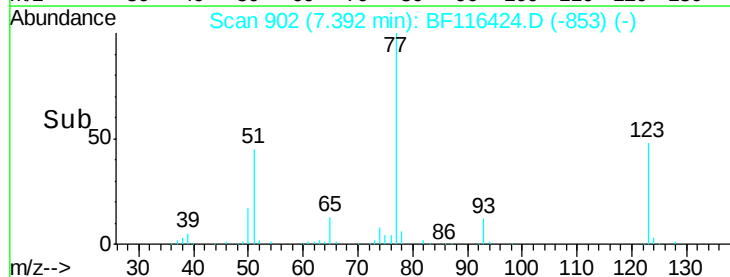
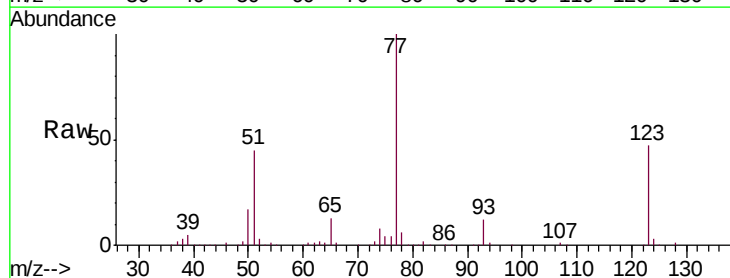
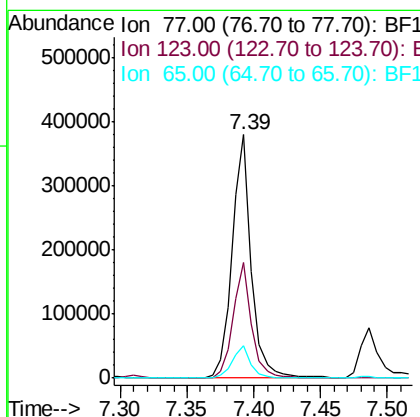
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM



#24
 Nitrobenzene
 Concen: 40.129 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	379295		
123	47.2	36.7	55.1	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 40.154 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

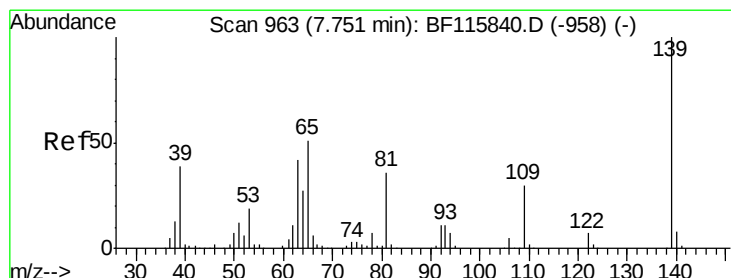
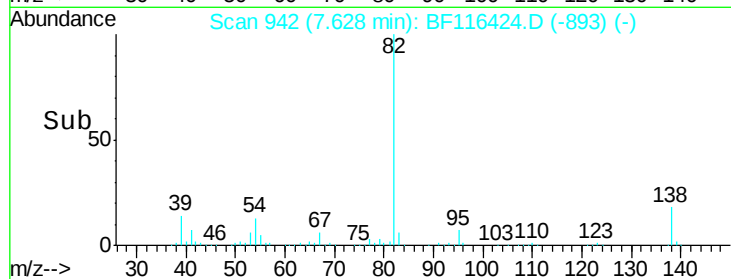
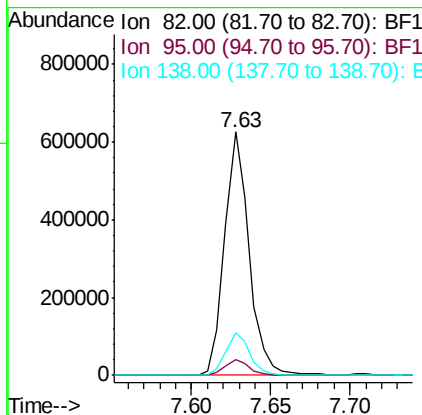
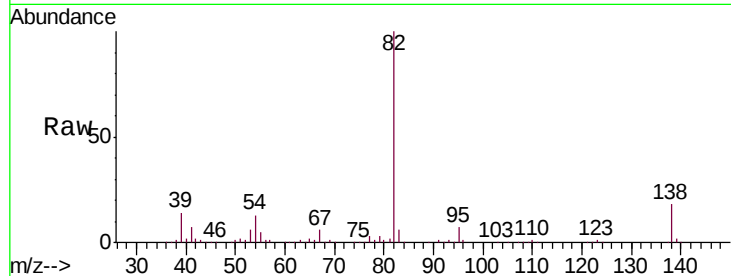
ClientSampleId :

PB122336BS

Tgt Ion:	82	Resp:	672113
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.6	14.5	21.7

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#26

2-Nitrophenol

Concen: 41.624 ng

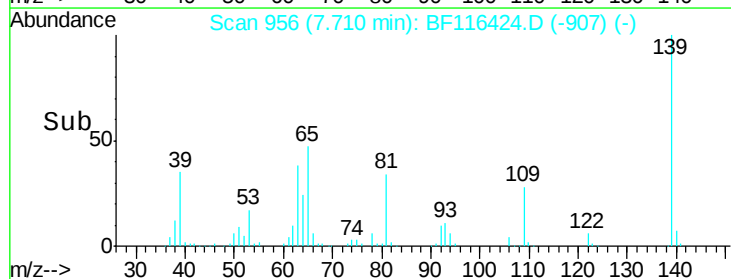
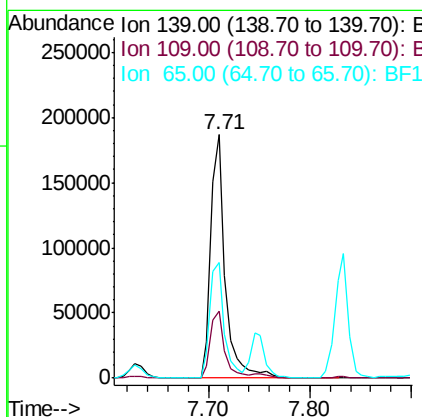
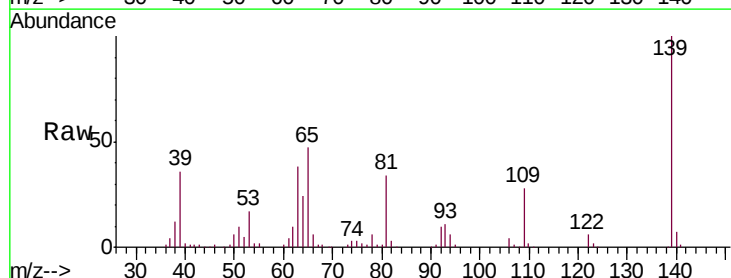
RT: 7.71 min Scan# 956

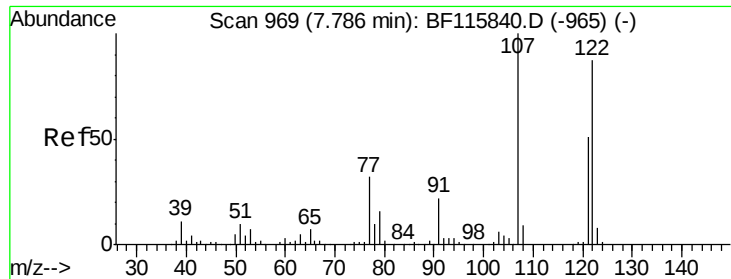
Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion:	139	Resp:	185451
Ion Ratio	Lower	Upper	
139	100		
109	27.6	23.4	35.2
65	47.4	41.1	61.7





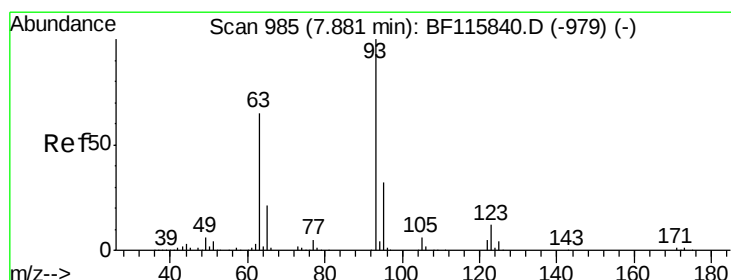
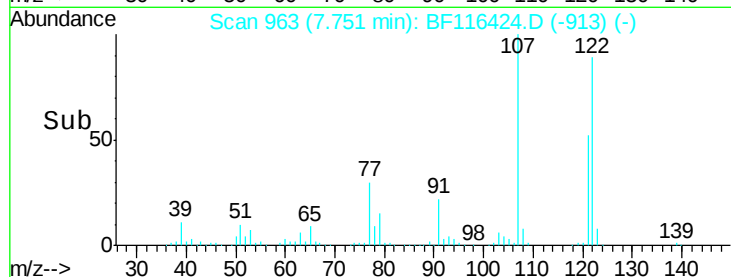
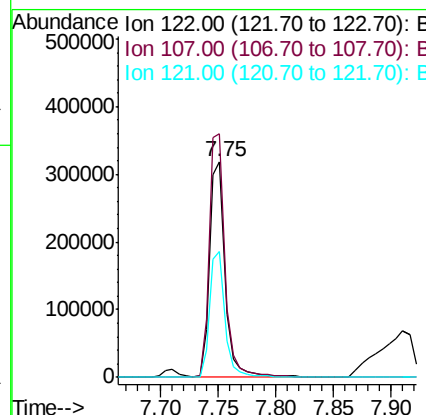
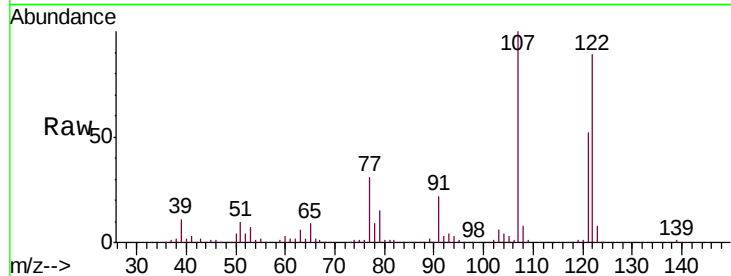
#27
 2,4-Dimethylphenol
 Concen: 44.697 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	299610		
107	112.9	93.0	139.6	
121	58.3	47.6	71.4	

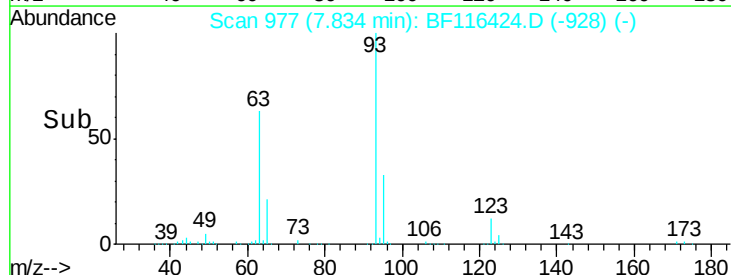
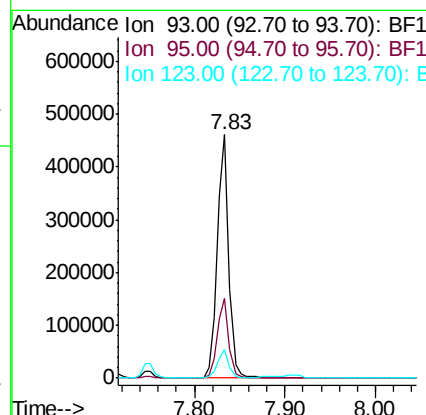
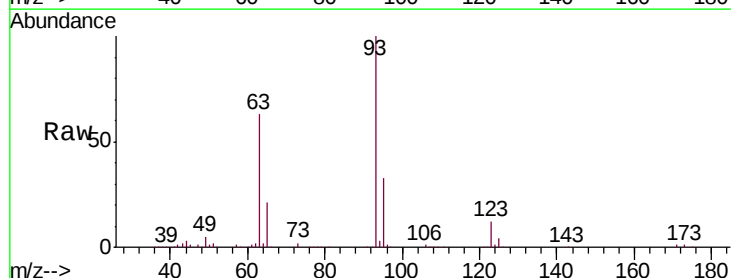
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.606 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410899		
95	32.6	26.2	39.4	
123	11.9	9.2	13.8	





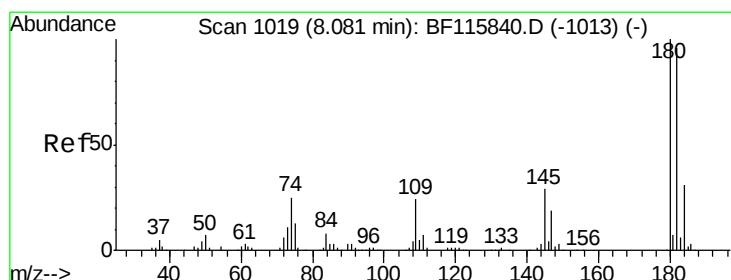
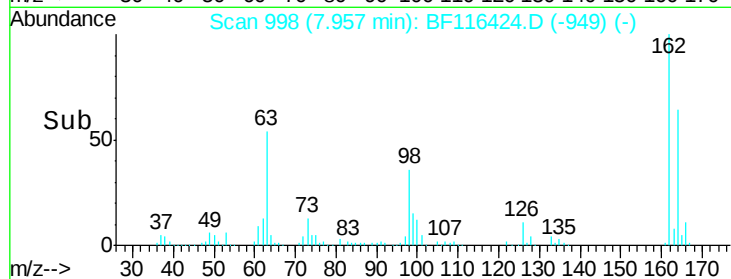
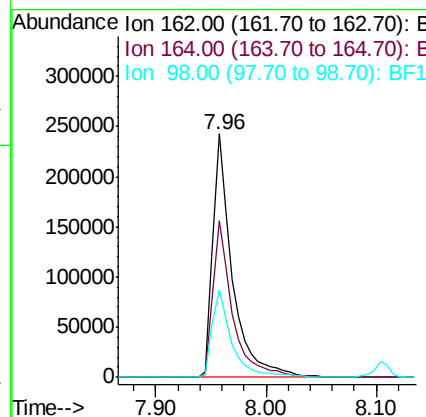
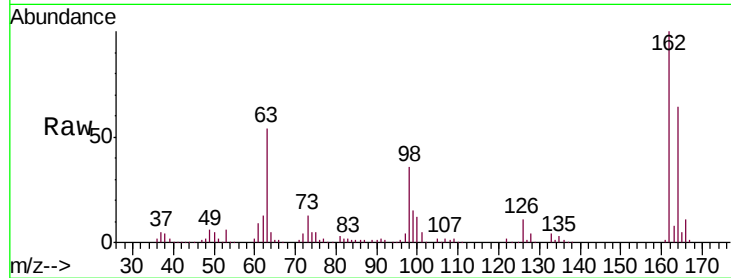
#29
2,4-Dichlorophenol
Concen: 41.096 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	290858		
164	64.5	45.1	85.1	
98	35.8	15.8	55.8	

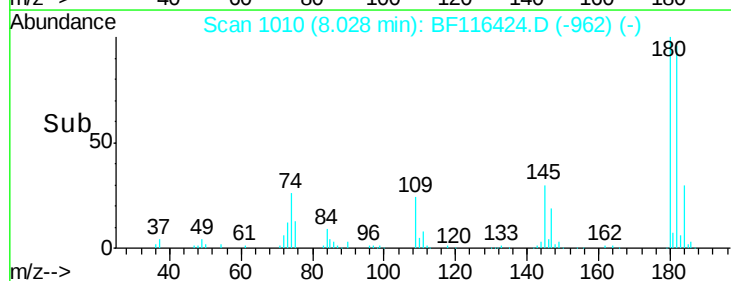
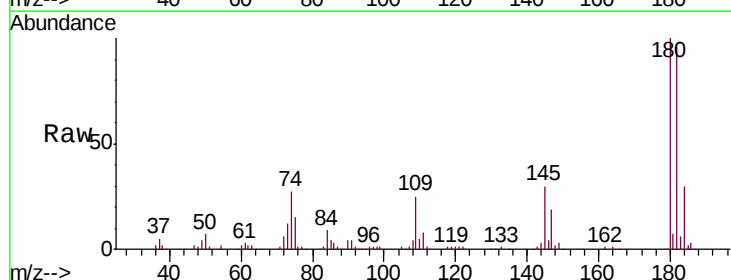
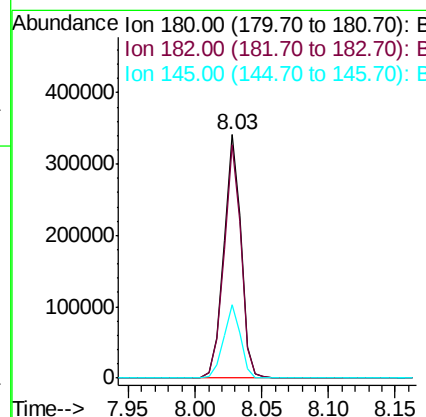
Manual Integrations
APPROVED

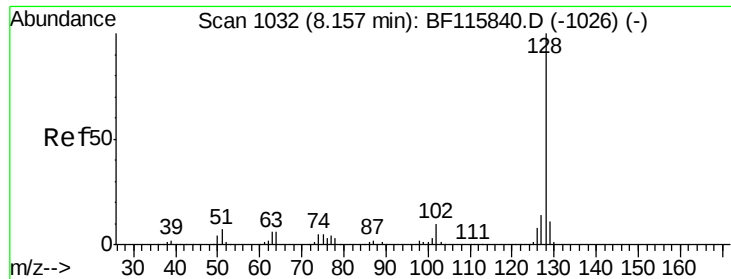
Jagrut
8/21/2019 3:51:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.607 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311473		
182	96.1	75.7	113.5	
145	30.1	24.3	36.5	





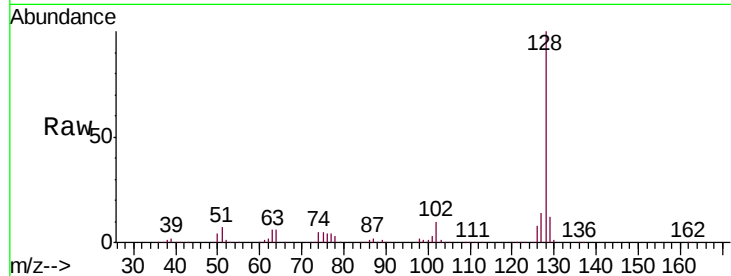
#31
Naphthalene
Concen: 40.907 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampled :
PB122336BS

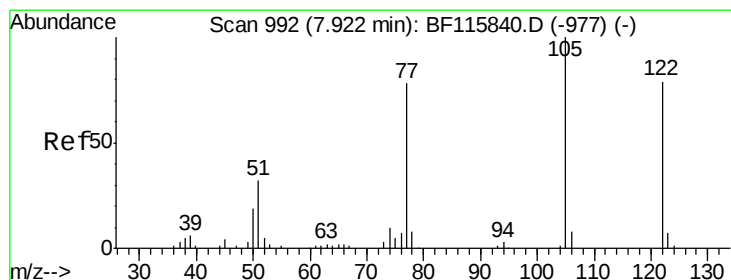
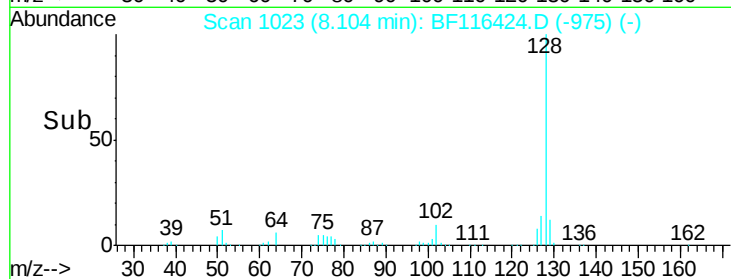
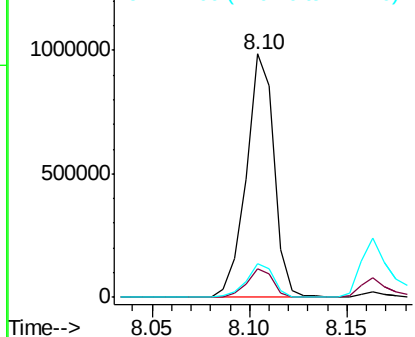
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	972683		
129	11.9	9.3	13.9	
127	13.7	11.4	17.0	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



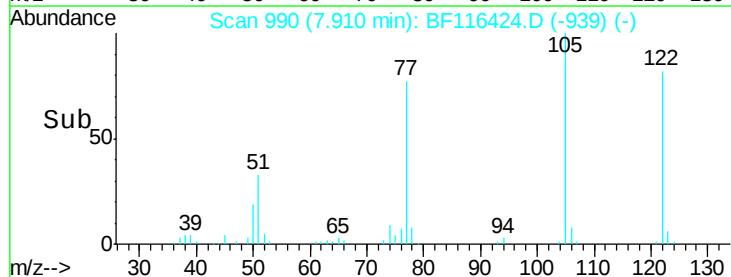
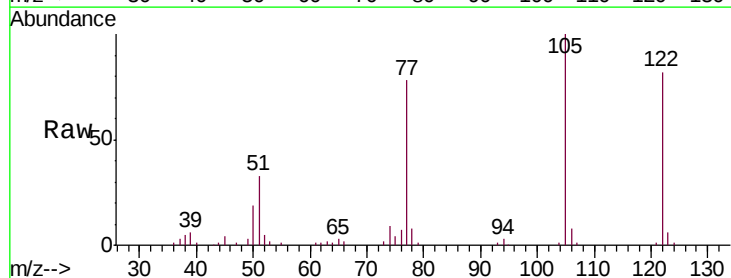
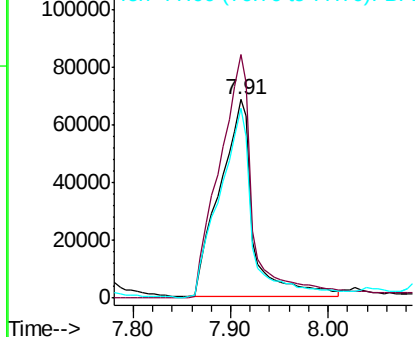
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.651 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163759		
105	122.5	106.1	146.1	
77	95.3	76.7	116.7	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





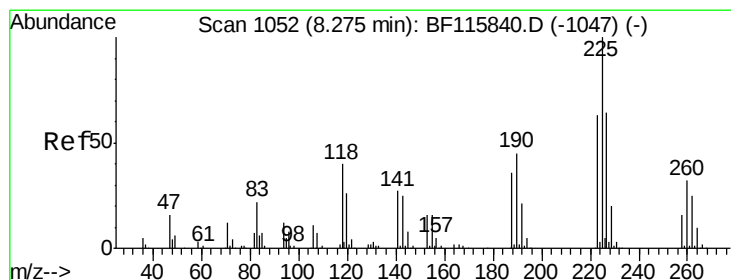
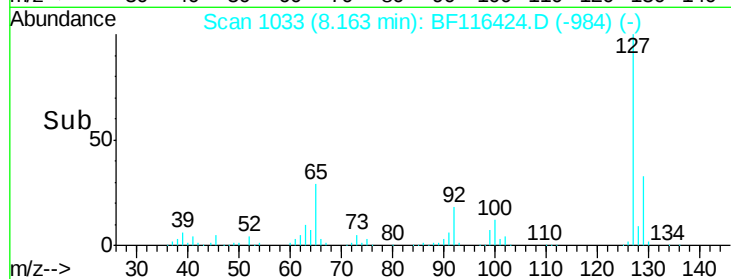
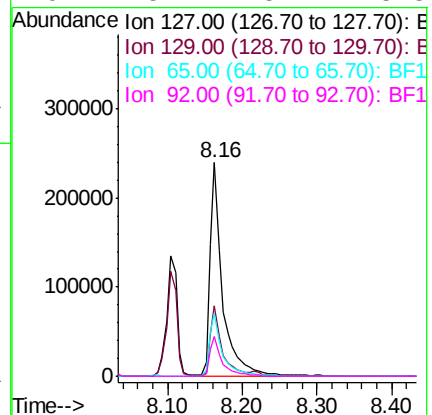
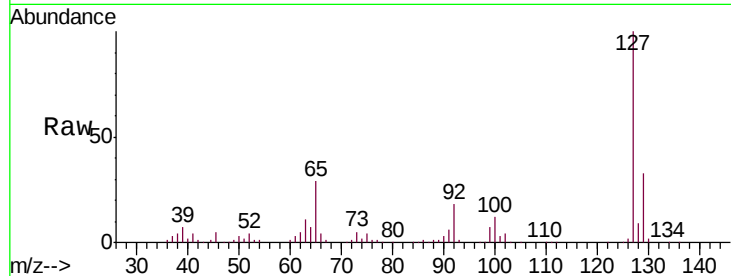
#33
4-Chloroaniline
Concen: 26.425 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	280737		
129	32.7	26.1	39.1	
65	29.3	24.9	37.3	
92	18.4	15.7	23.5	

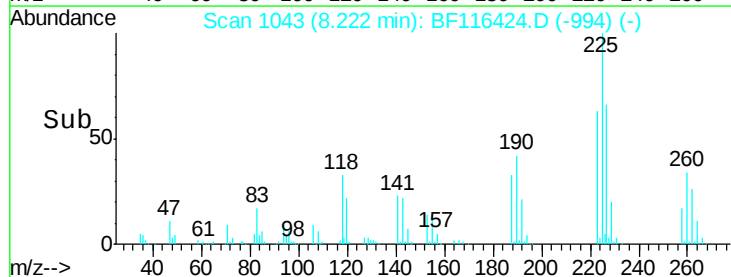
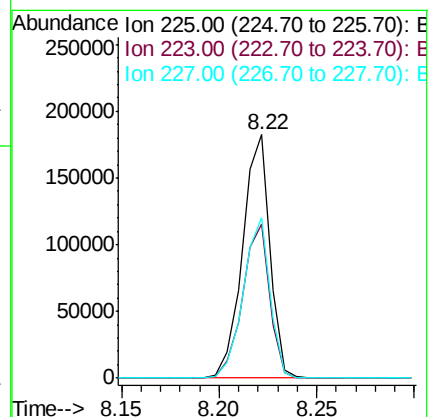
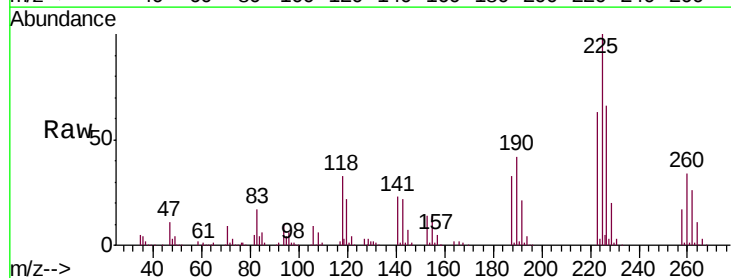
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#34
Hexachlorobutadiene
Concen: 38.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	176585		
223	63.4	50.0	75.0	
227	65.7	51.0	76.4	





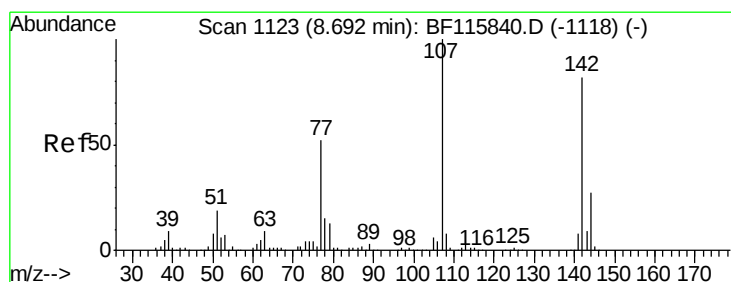
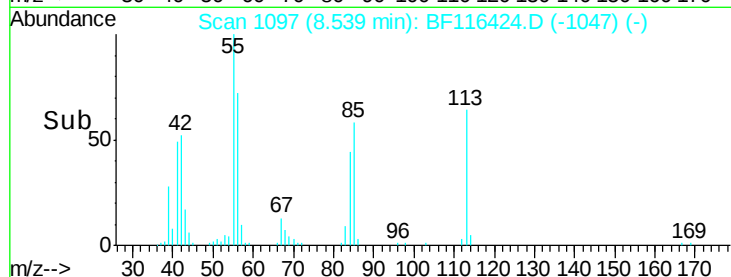
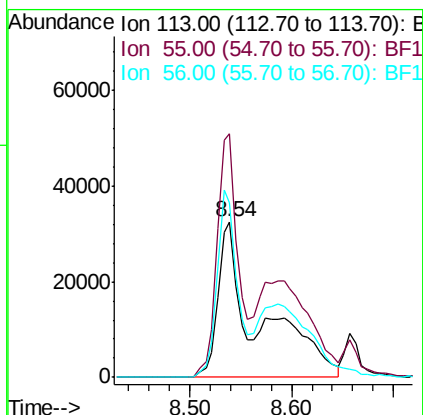
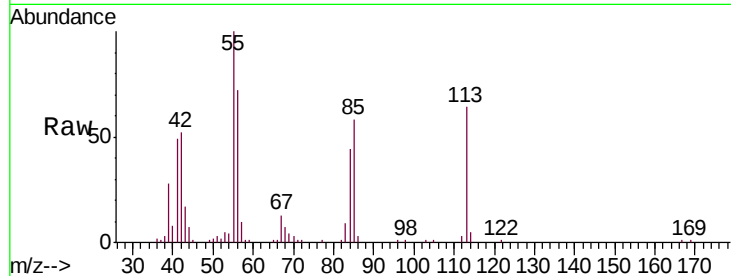
#35
 Caprolactam
 Concen: 38.918 ng m
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion:113 Resp: 89087
 Ion Ratio Lower Upper
 113 100
 55 156.1 144.3 184.3
 56 111.7 97.1 137.1

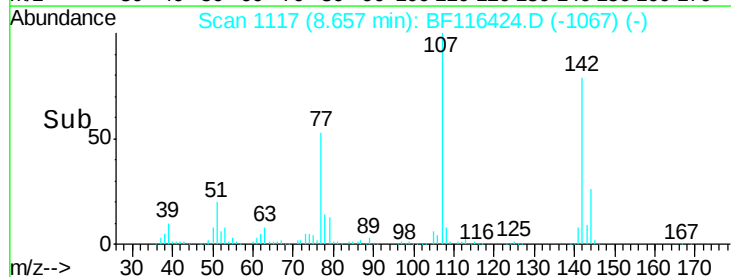
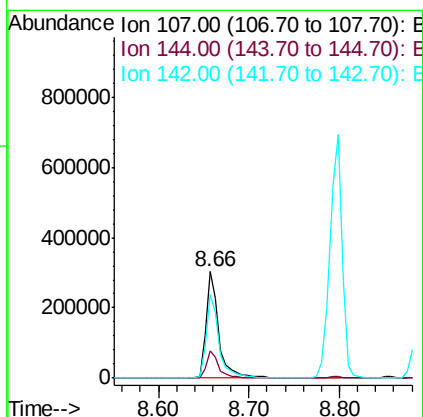
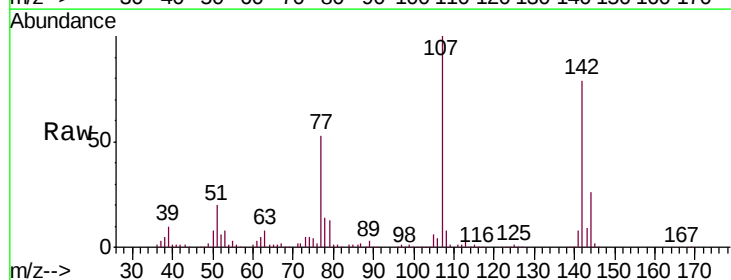
Manual Integrations
 APPROVED

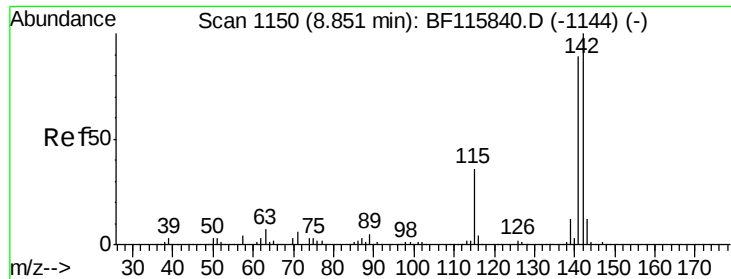
Jagrut
 8/21/2019 3:51:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.950 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion:107 Resp: 301516
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 79.2 61.7 92.5





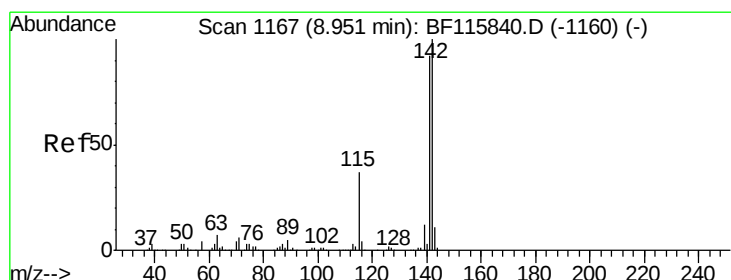
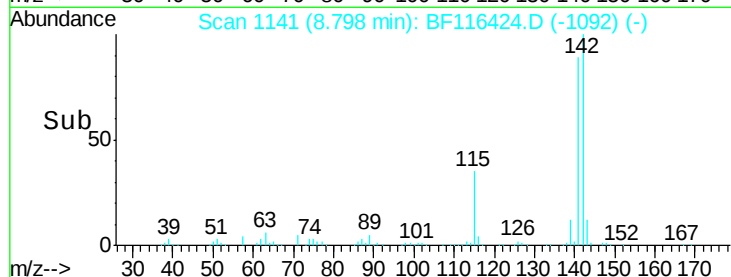
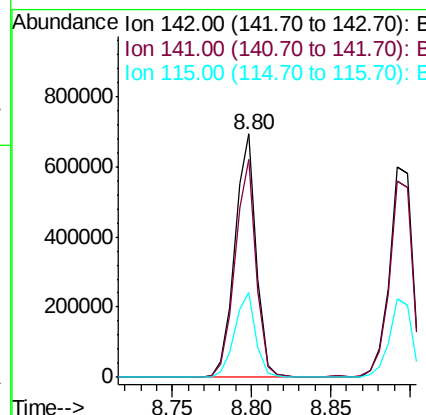
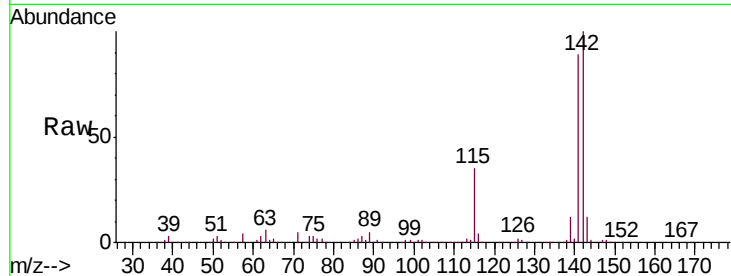
#37
2-Methylnaphthalene
Concen: 41.016 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3
115	34.7	29.0	43.6

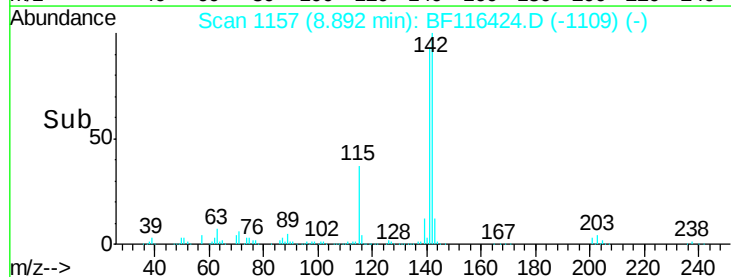
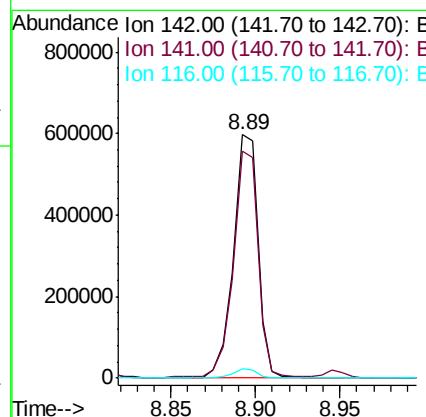
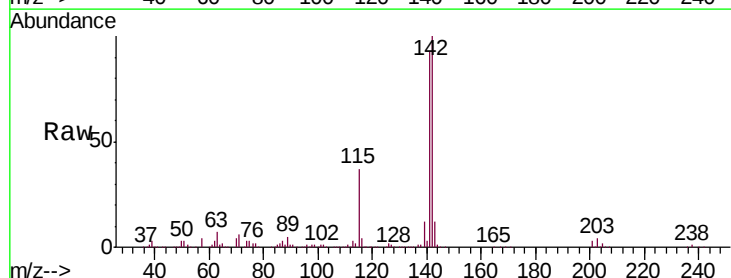
Manual Integrations
APPROVED

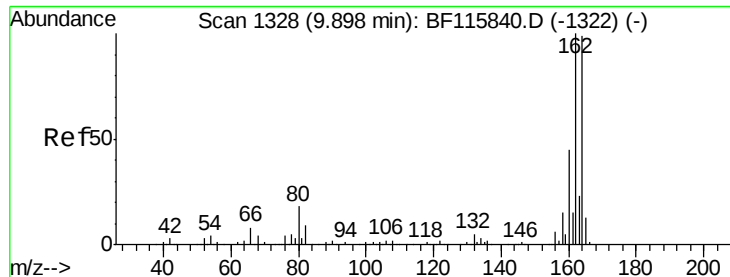
Jagrut
8/21/2019 3:51:02 PM



#38
1-Methylnaphthalene
Concen: 40.459 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.4	111.6
116	4.0	3.1	4.7





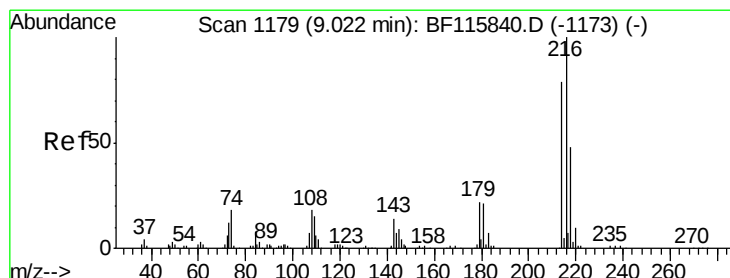
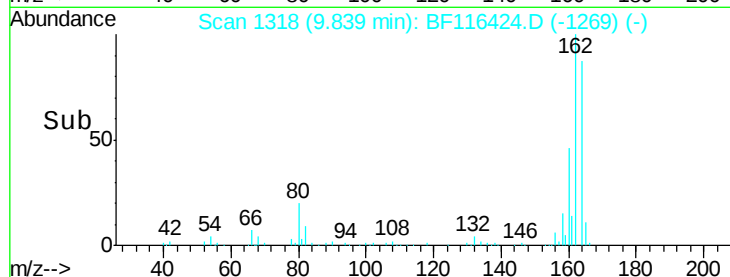
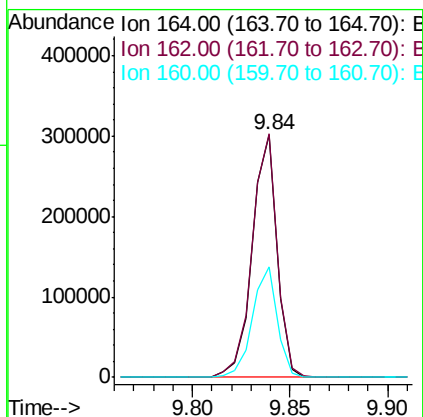
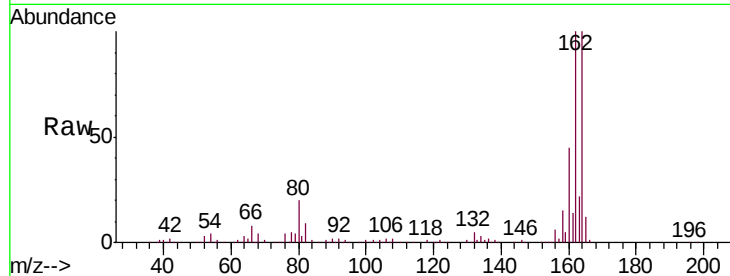
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265995		
162	100.4	82.6	124.0	
160	45.5	37.6	56.4	

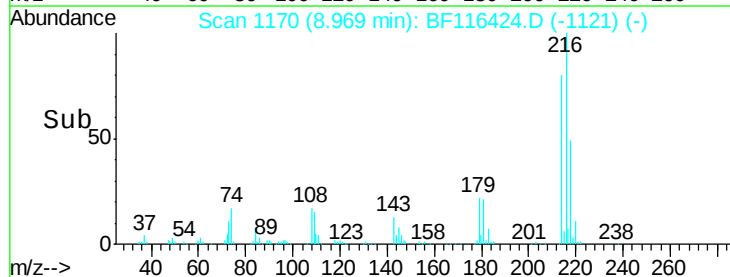
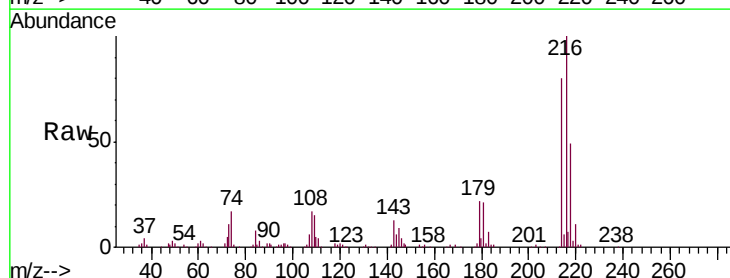
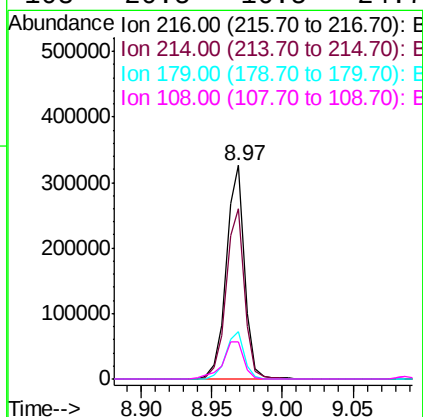
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.242 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	293276		
214	80.3	63.6	95.4	
179	22.3	17.8	26.8	
108	20.5	16.5	24.7	





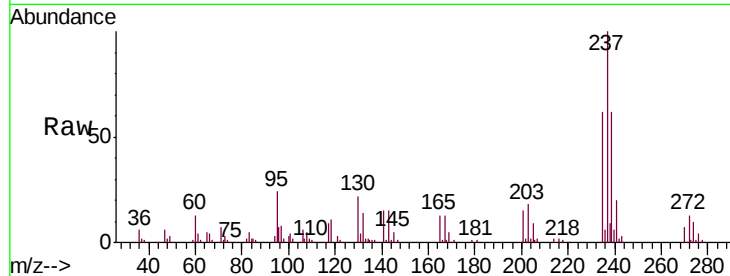
#41
Hexachlorocyclopentadiene
Concen: 39.414 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

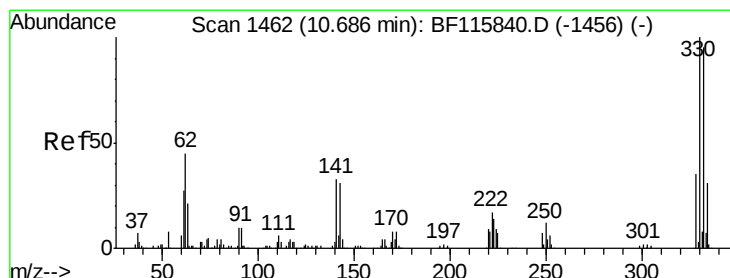
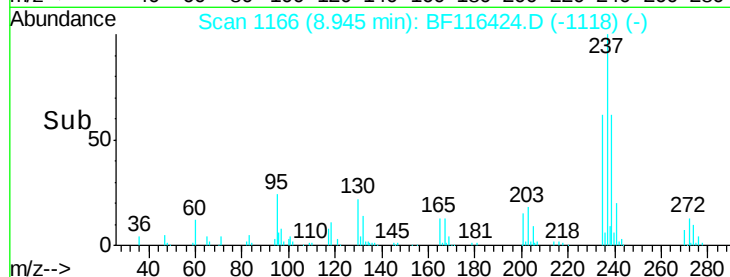
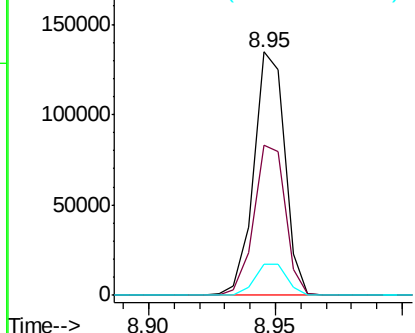
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	43.4	83.4
272	12.6	0.0	33.2

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



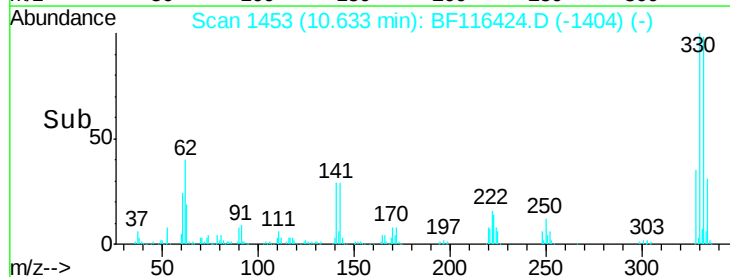
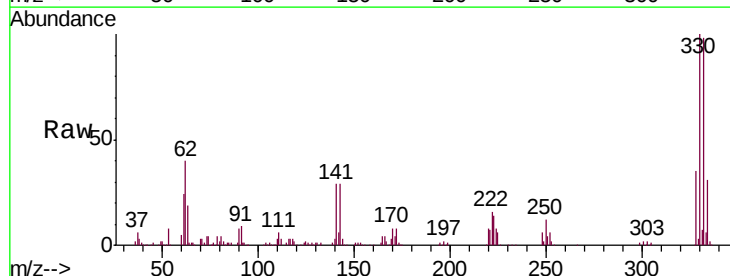
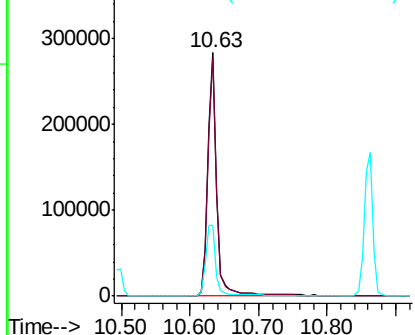
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

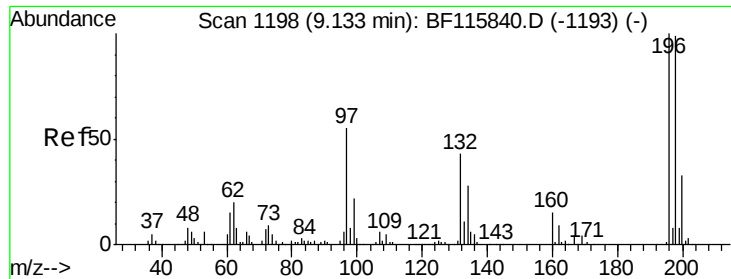


#42
2,4,6-Tribromophenol
Concen: 104.711 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	76.8	115.2
141	32.6	26.3	39.5

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





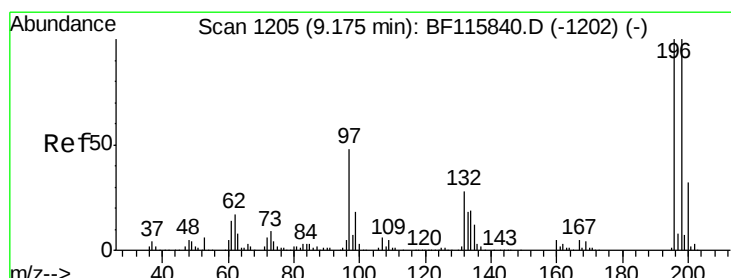
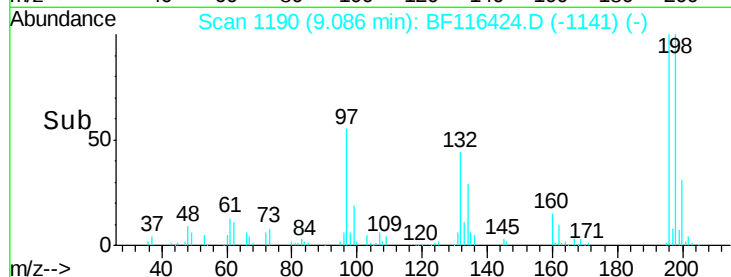
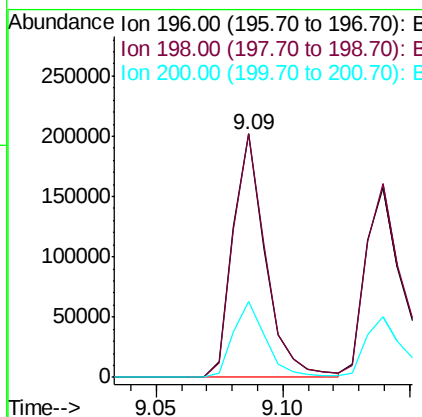
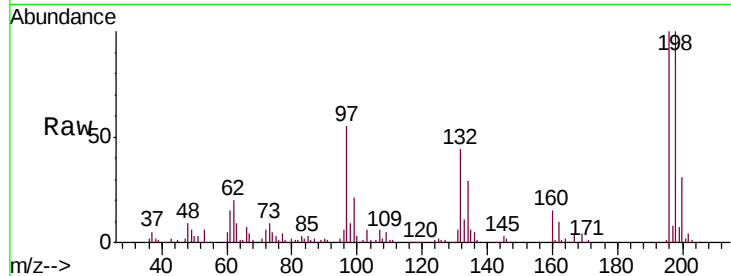
#43
 2,4,6-Trichlorophenol
 Concen: 36.895 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180588		
198	100.0	79.2	118.8	
200	31.1	25.2	37.8	

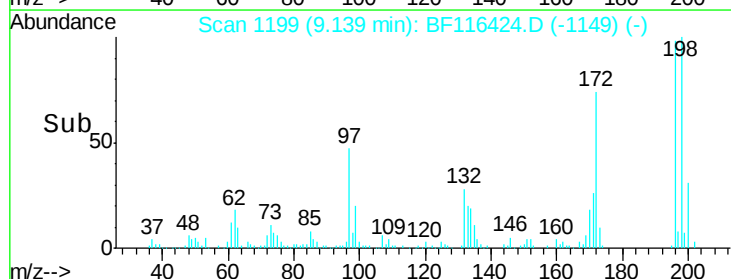
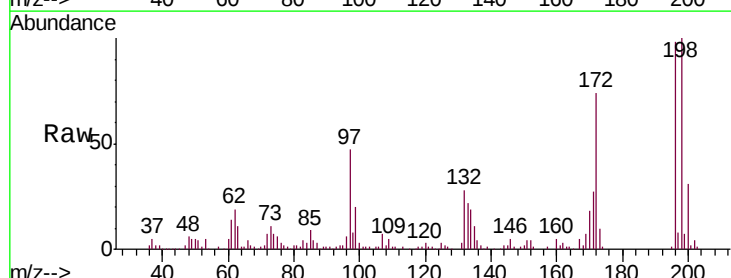
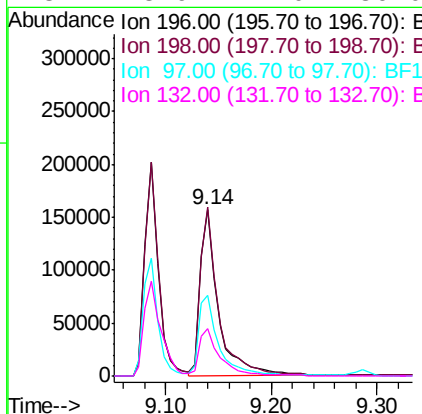
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.853 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186463		
198	102.1	78.8	118.2	
97	48.3	42.2	63.4	
132	28.9	24.0	36.0	





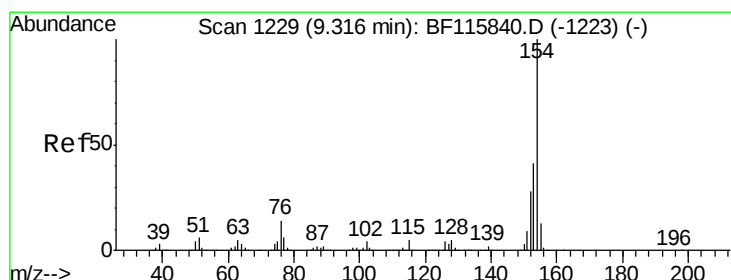
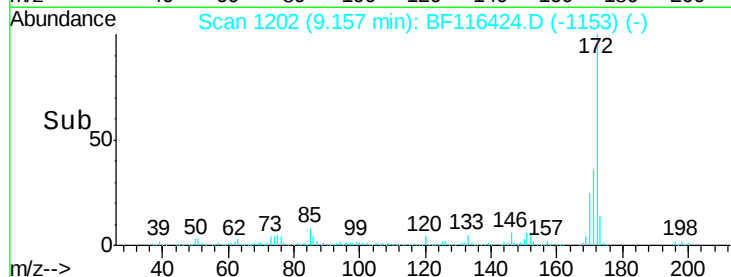
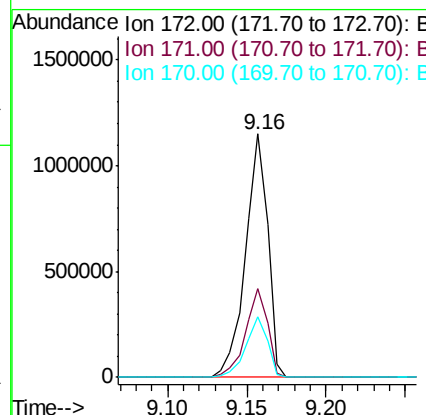
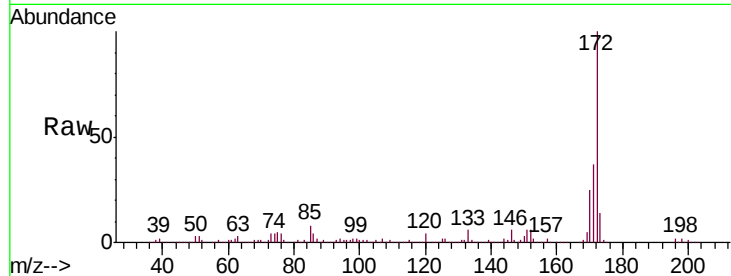
#45
2-Fluorobiphenyl
Concen: 78.230 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion:172 Resp: 1110942
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.8 20.1 30.1

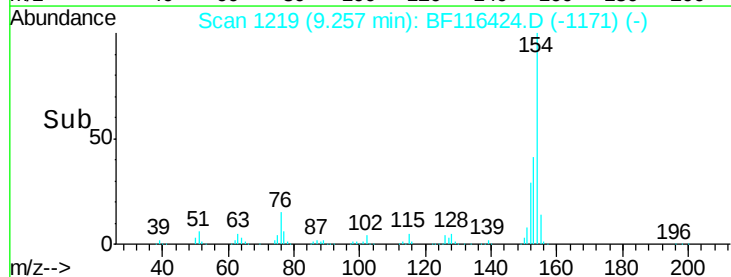
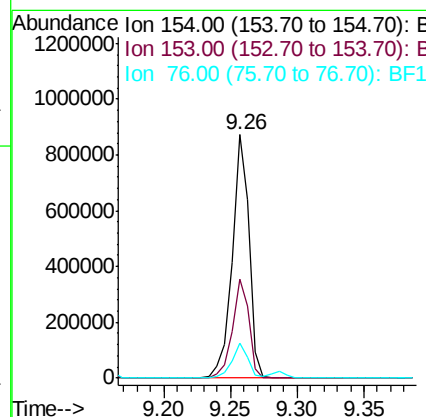
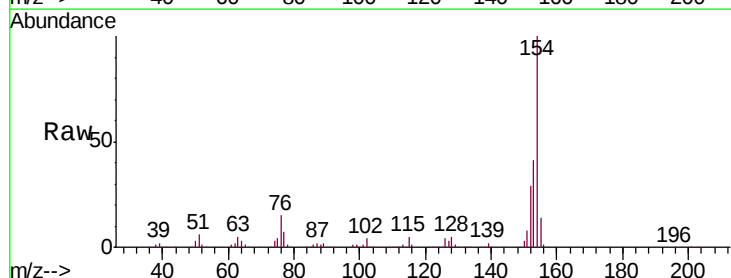
Manual Integrations
APPROVED

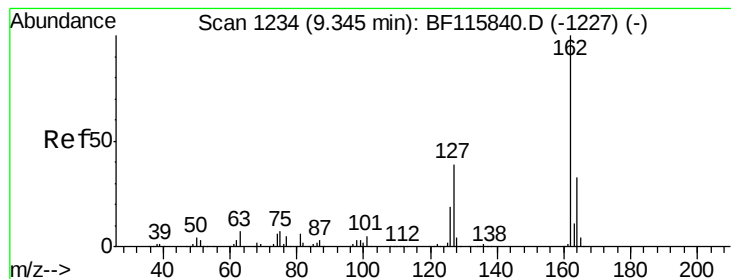
Jagrut
8/21/2019 3:51:02 PM



#46
1,1'-Biphenyl
Concen: 41.552 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion:154 Resp: 780311
Ion Ratio Lower Upper
154 100
153 40.8 21.4 61.4
76 14.5 0.0 35.2





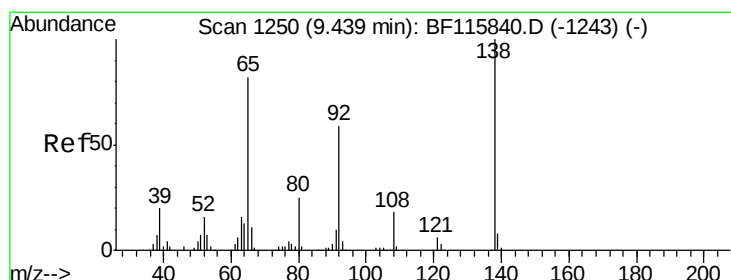
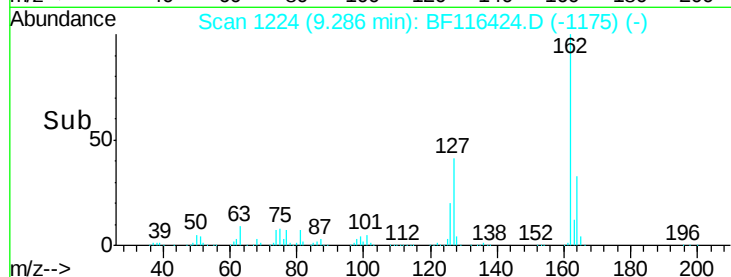
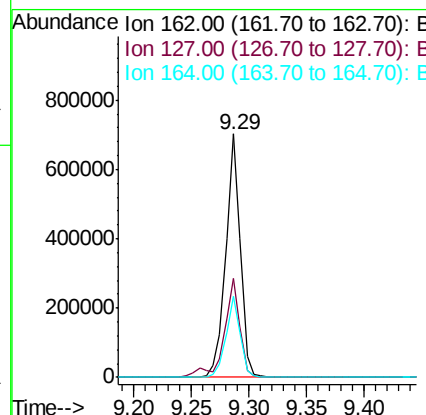
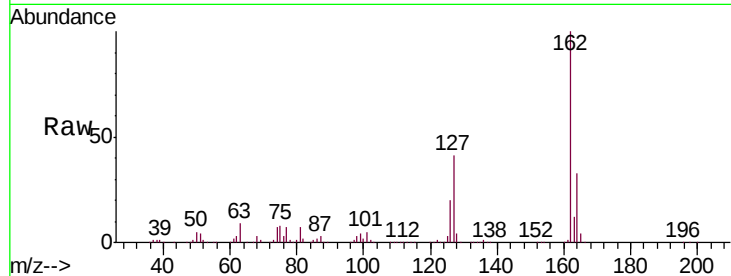
#47
 2-Chloronaphthalene
 Concen: 39.398 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	615789		
127	40.9	32.8	49.2	
164	33.2	26.6	39.8	

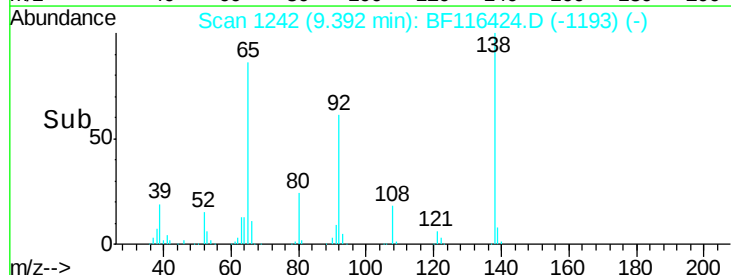
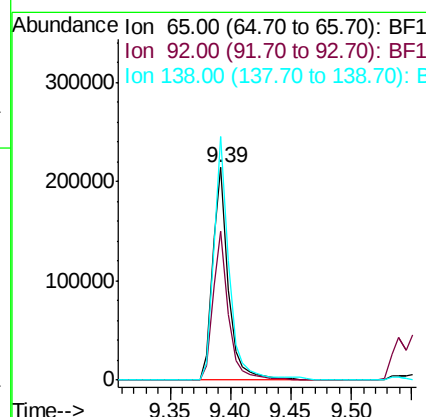
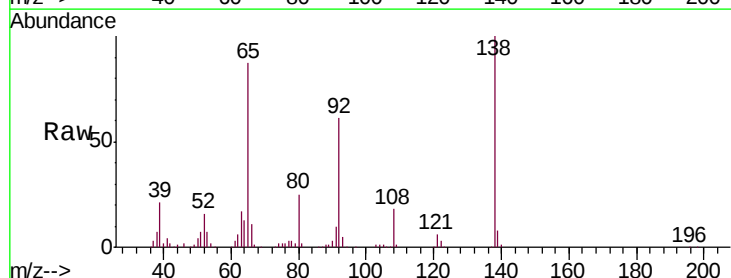
Manual Integrations
 APPROVED

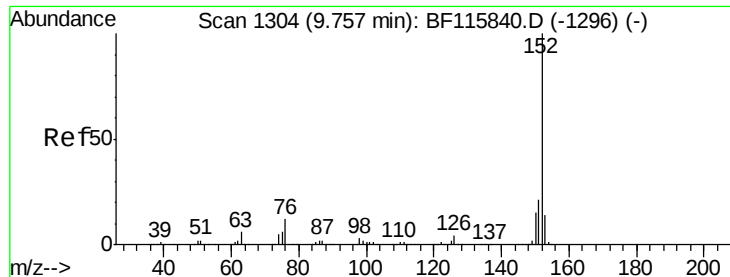
Jagrut
 8/21/2019 3:51:02 PM



#48
 2-Nitroaniline
 Concen: 37.161 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	191980		
92	70.3	57.8	86.8	
138	114.4	94.0	141.0	





#49

Acenaphthylene

Concen: 40.406 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

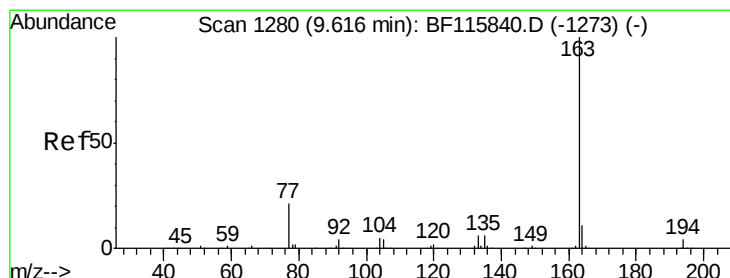
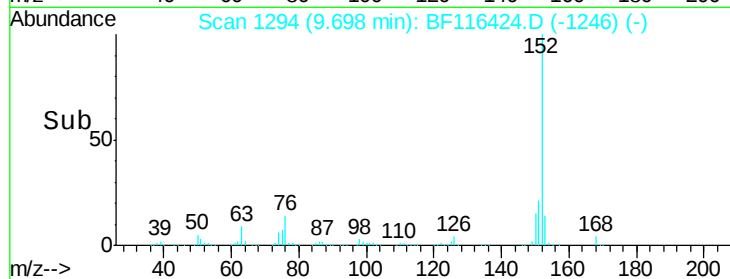
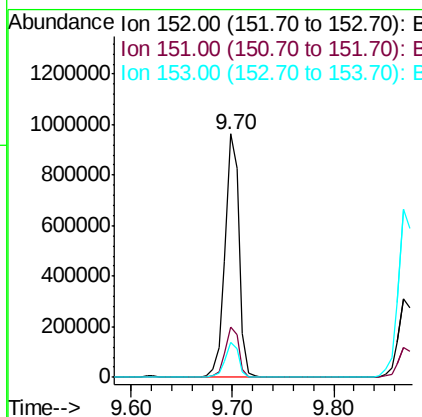
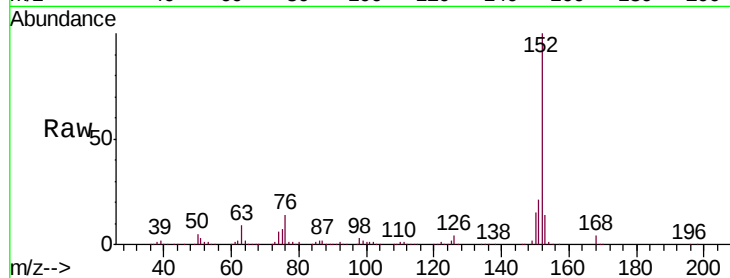
ClientSampleId :

PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	921364		
151	20.5	17.2	25.8	
153	14.2	11.8	17.8	

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#50

Dimethylphthalate

Concen: 39.294 ng

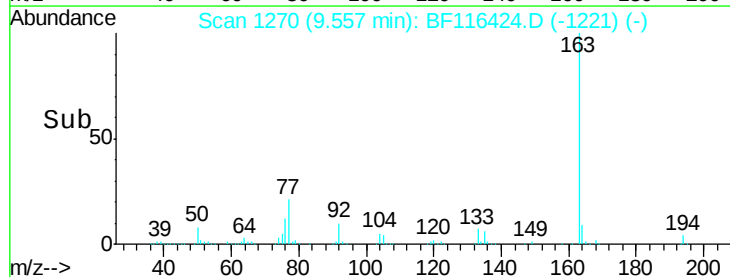
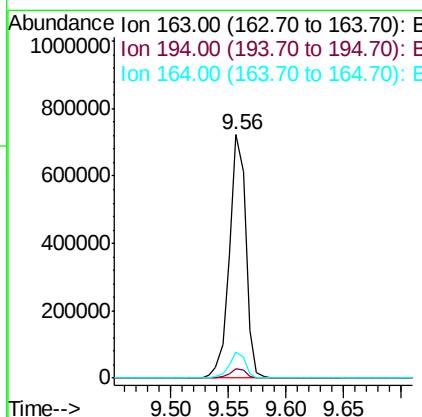
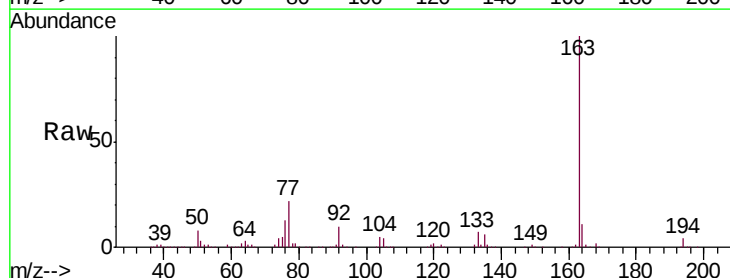
RT: 9.56 min Scan# 1270

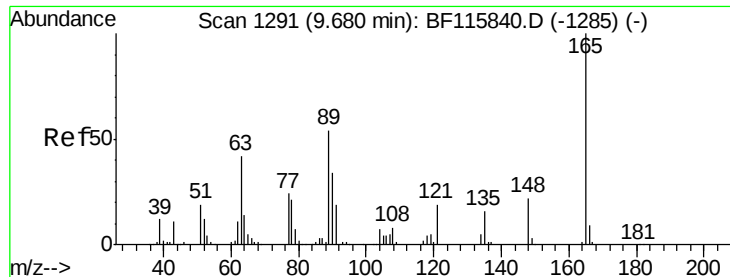
Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	711672		
194	3.6	3.0	4.6	
164	10.6	8.4	12.6	





#51

2,6-Dinitrotoluene

Concen: 40.598 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

ClientSampleId :

PB122336BS

Tgt Ion:165 Resp: 159790
Ion Ratio Lower Upper

165 100

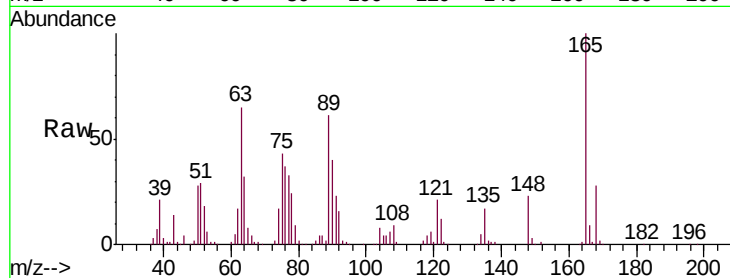
63 65.3 38.2 57.2#

89 61.5 42.9 64.3

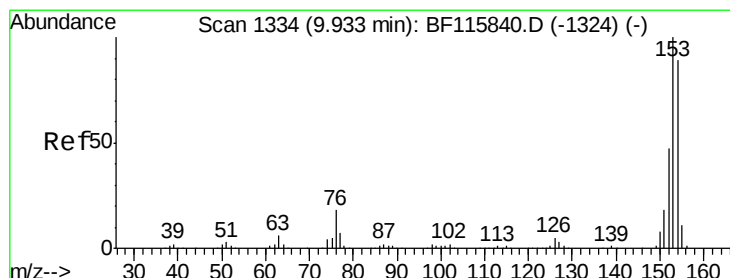
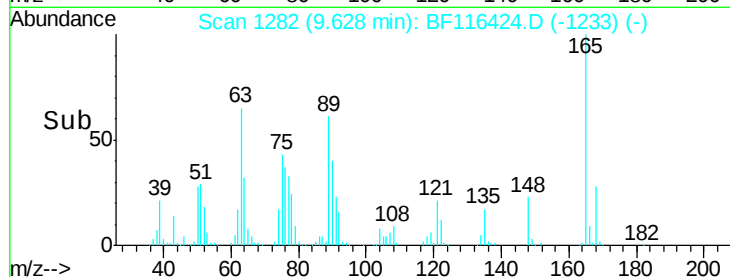
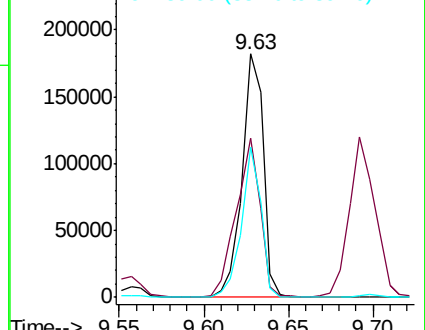
Manual Integrations
APPROVED

Jagrut

8/21/2019 3:51:02 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: 39.956 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116424.D

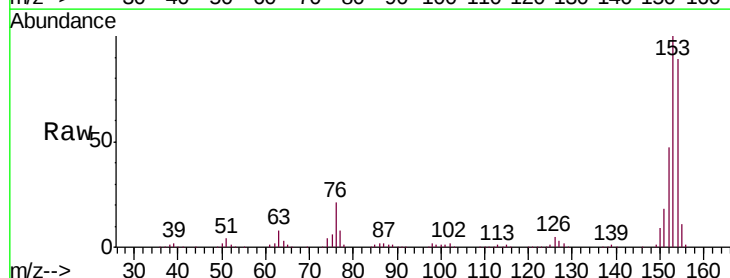
Acq: 20 Aug 2019 10:23

Tgt Ion:154 Resp: 558940
Ion Ratio Lower Upper

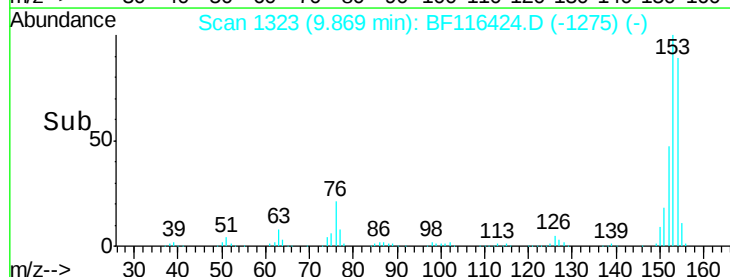
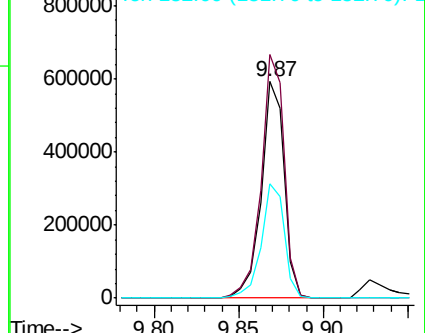
154 100

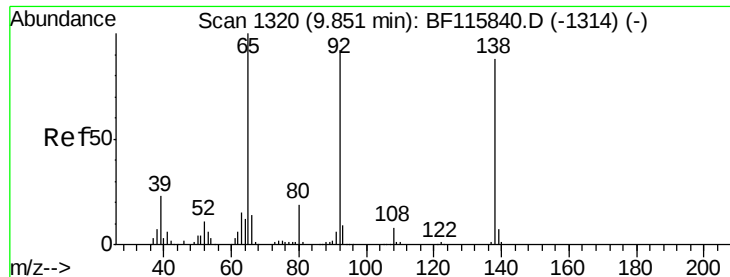
153 112.5 89.4 134.0

152 52.6 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





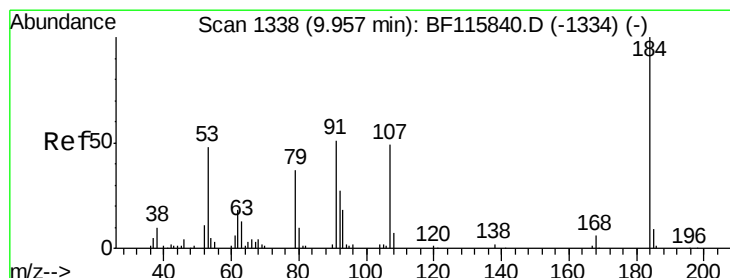
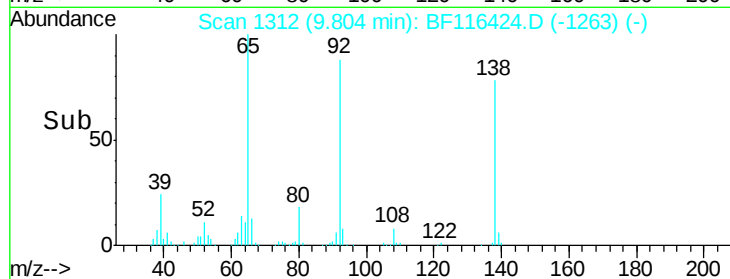
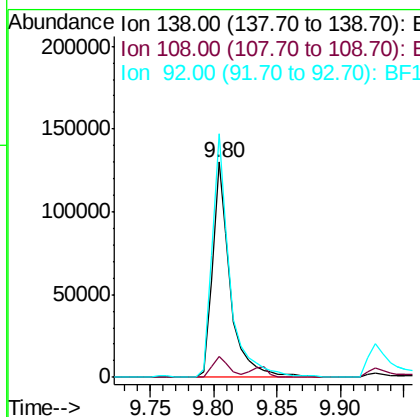
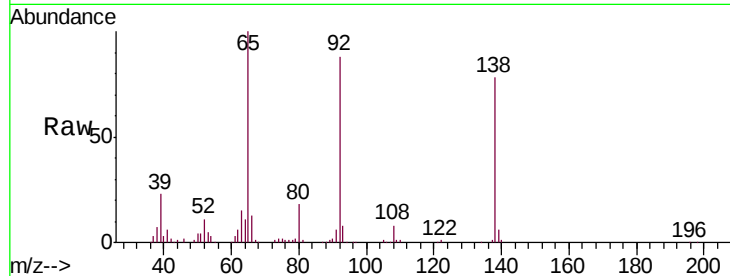
#53
 3-Nitroaniline
 Concen: 26.312 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	127961		
108	9.9	8.0	12.0	
92	113.1	91.0	136.6	

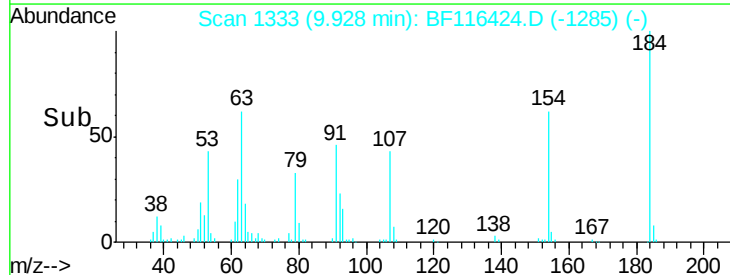
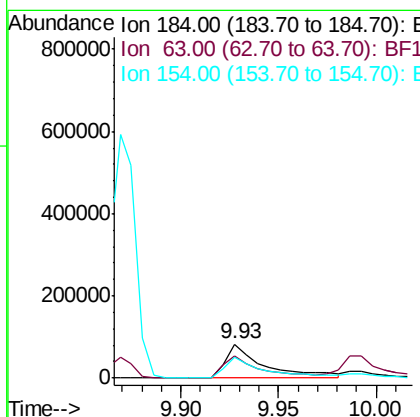
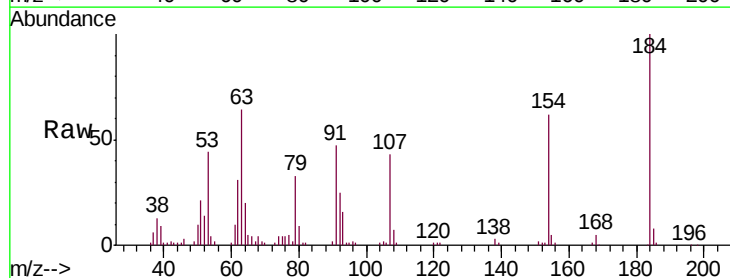
Manual Integrations
 APPROVED

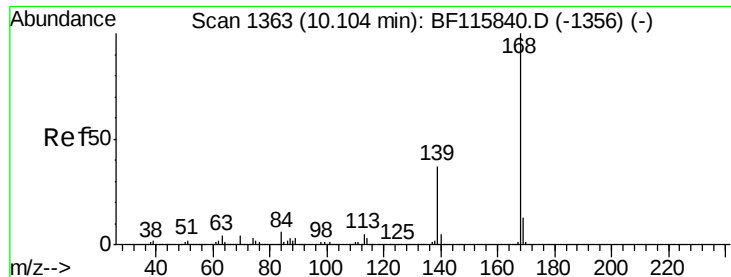
Jagrut
 8/21/2019 3:51:02 PM



#54
 2,4-Dinitrophenol
 Concen: 58.941 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113428		
63	64.0	53.0	79.4	
154	62.2	50.1	75.1	





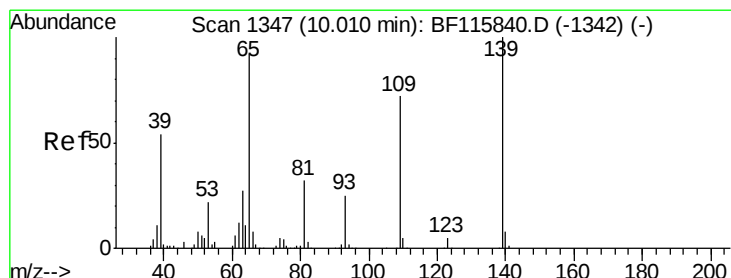
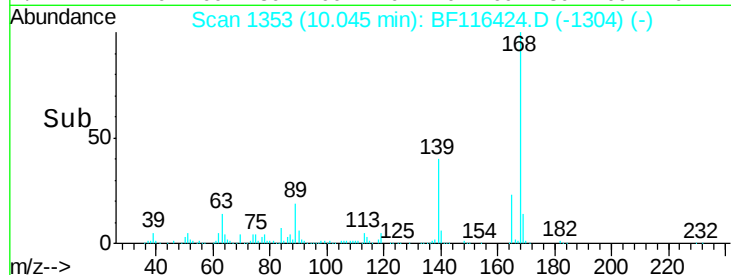
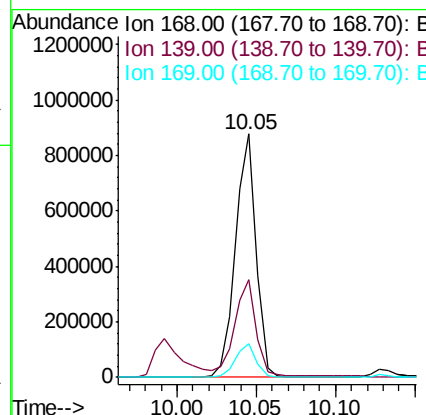
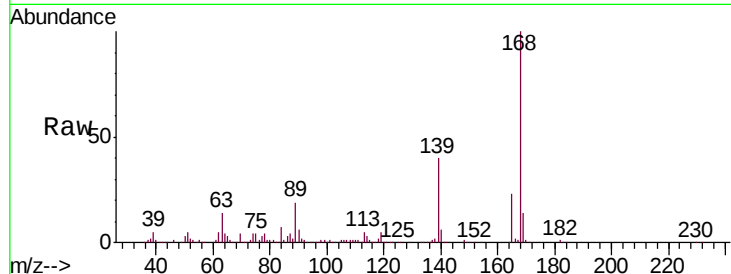
#55
Dibenzofuran
Concen: 38.810 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	789526		
139	39.9		31.4	47.2
169	13.6		10.9	16.3

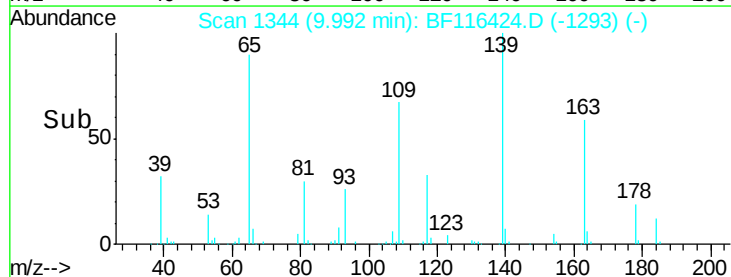
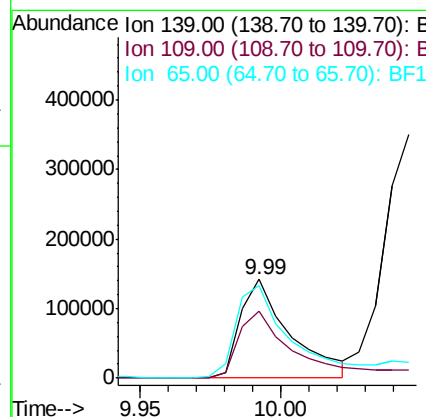
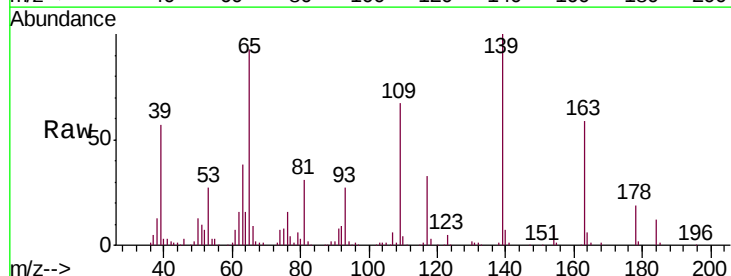
Manual Integrations
APPROVED

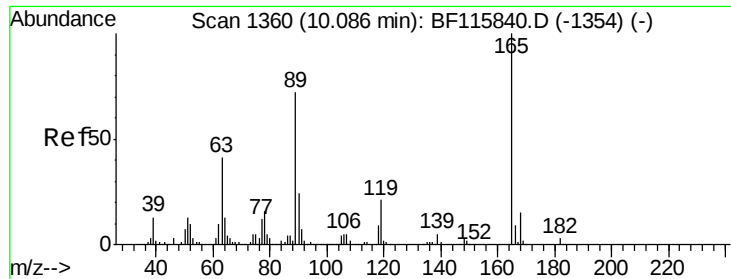
Jagrut
8/21/2019 3:51:02 PM



#56
4-Nitrophenol
Concen: 55.806 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173859		
109	67.4		54.4	94.4
65	93.2		80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 37.121 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

ClientSampleId :

PB122336BS

Tgt Ion:165 Resp: 194524
Ion Ratio Lower Upper

165 100

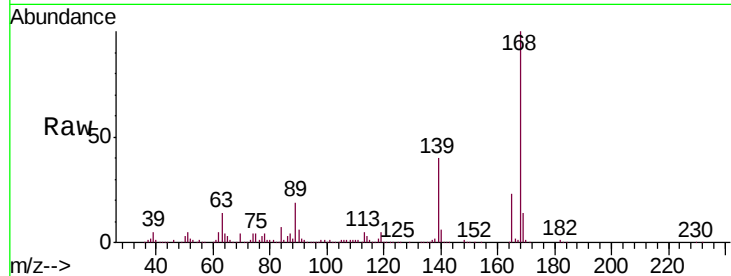
63 60.2 39.6 59.4#

89 82.8 62.2 93.2

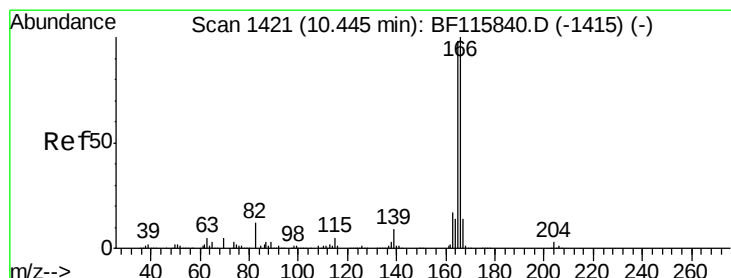
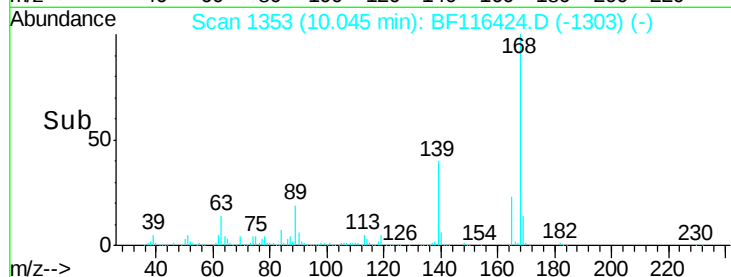
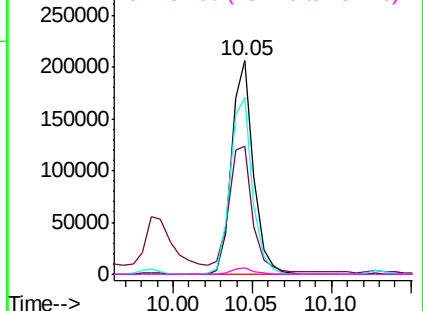
182 2.8 2.1 3.1

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 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: 41.659 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116424.D

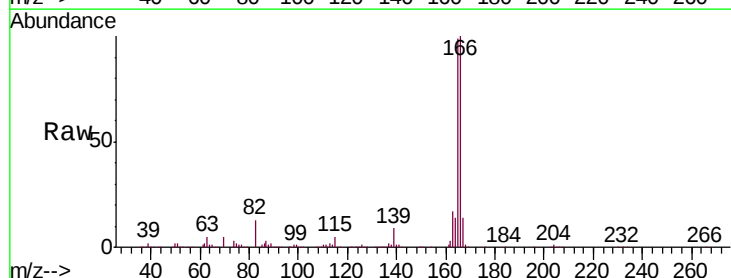
Acq: 20 Aug 2019 10:23

Tgt Ion:166 Resp: 652032
Ion Ratio Lower Upper

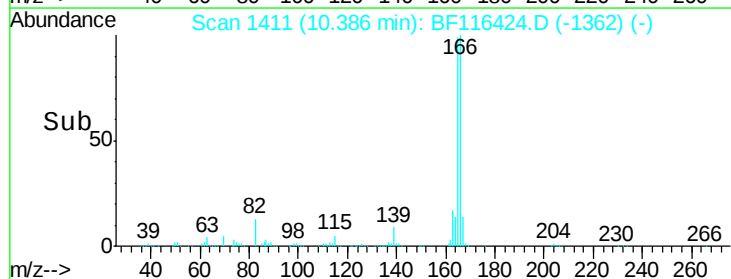
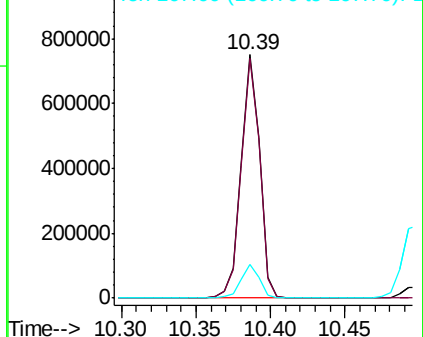
166 100

165 98.7 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





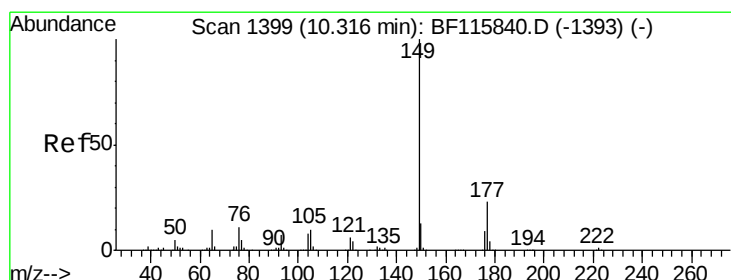
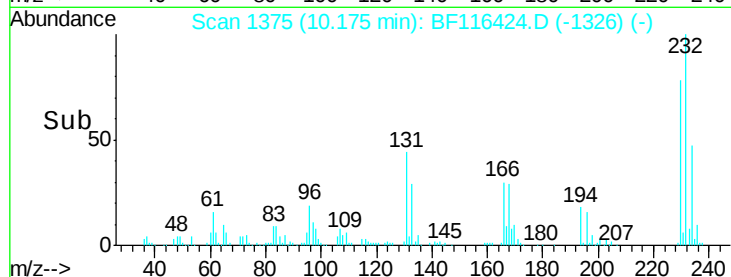
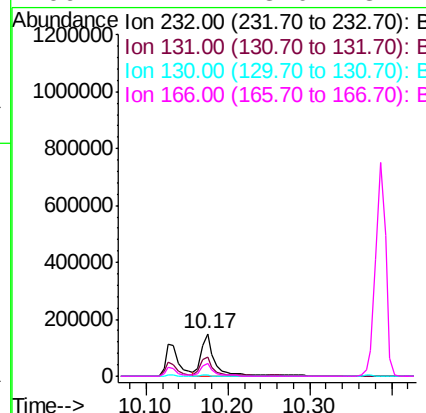
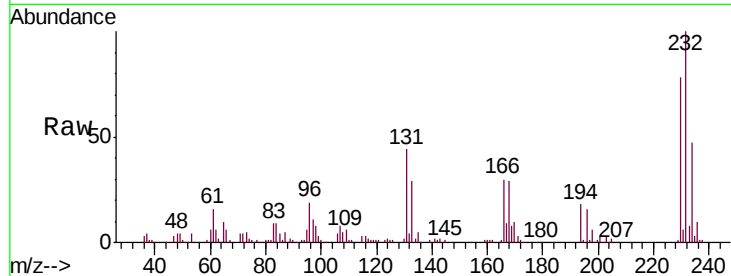
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.544 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168328		
131	44.2	36.2	54.2	
130	2.5	1.9	2.9	
166	27.1	23.0	34.4	

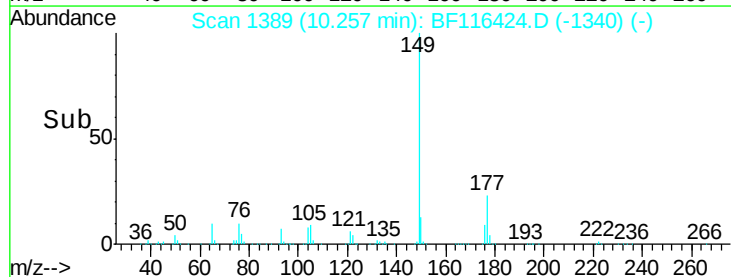
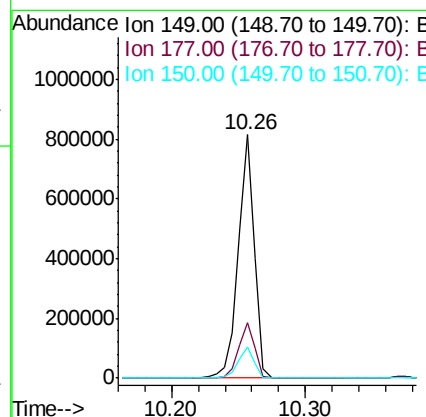
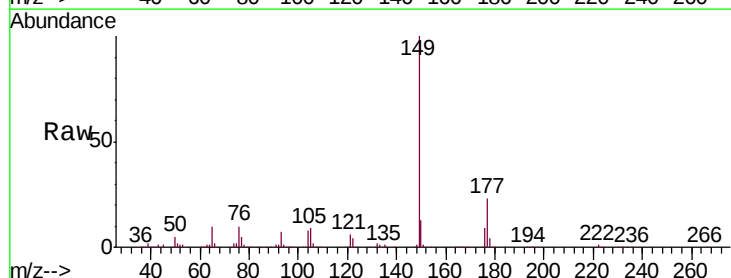
Manual Integrations
 APPROVED

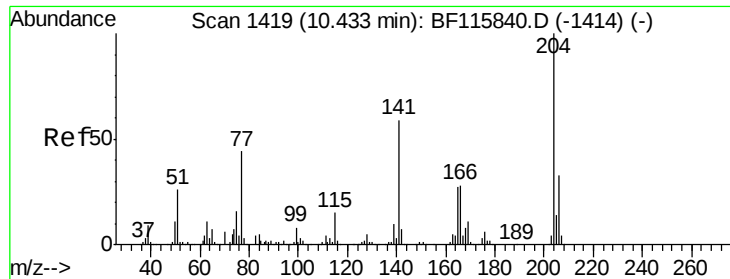
Jagrut
 8/21/2019 3:51:02 PM



#60
 Diethylphthalate
 Concen: 40.981 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692953		
177	22.8	18.8	28.2	
150	12.7	10.2	15.4	





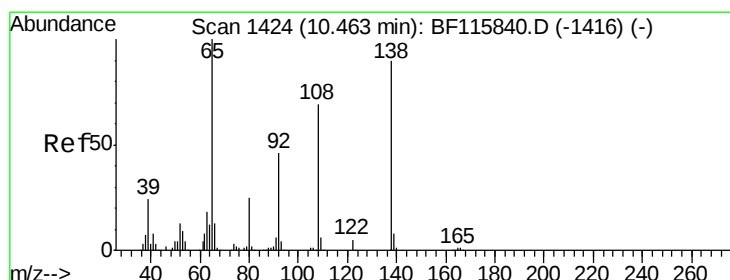
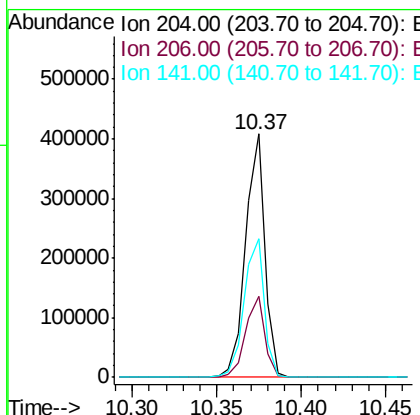
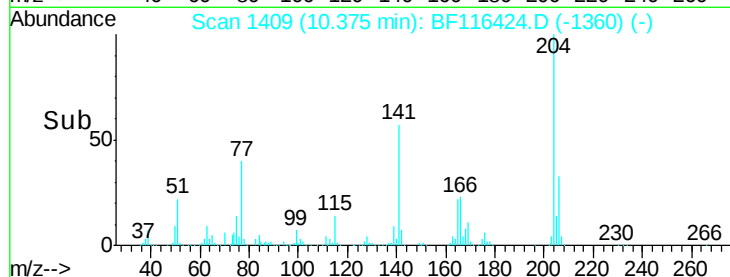
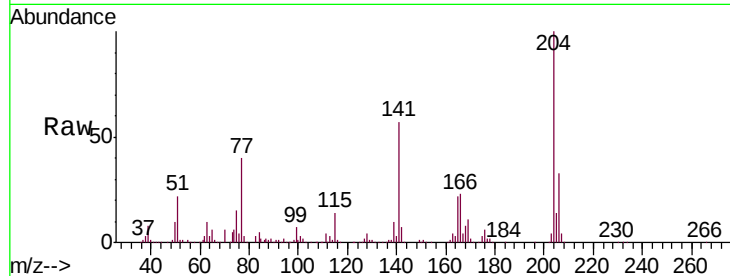
#61
 4-Chlorophenyl-phenylether
 Concen: 41.470 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampled :
 PB122336BS

Tgt Ion:	204	Resp:	328728
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.4	39.6
141	56.8	46.4	69.6

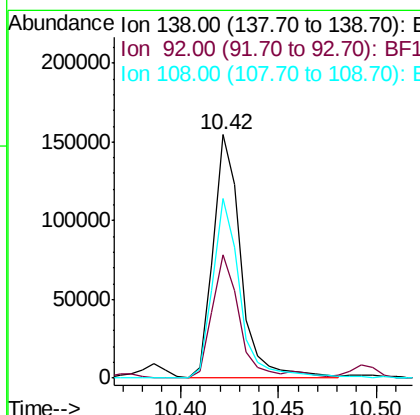
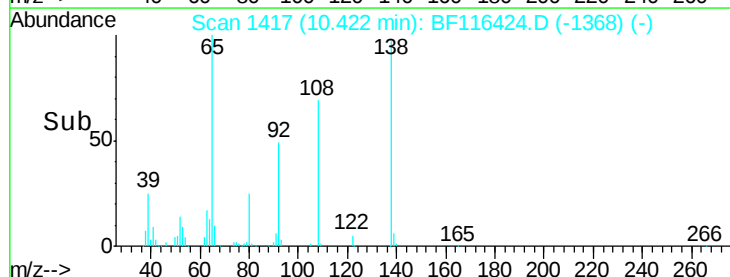
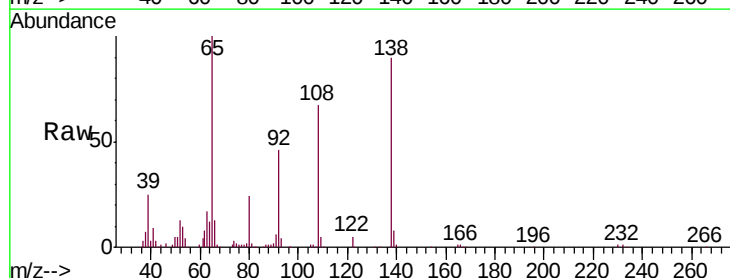
Manual Integrations
 APPROVED

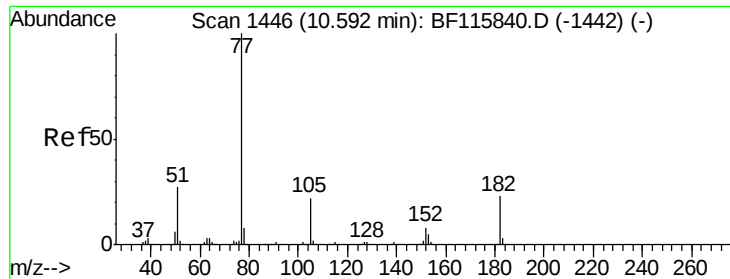
Jagrut
 8/21/2019 3:51:02 PM



#62
 4-Nitroaniline
 Concen: 30.344 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion:	138	Resp:	152508
Ion Ratio	Lower	Upper	
138	100		
92	50.7	29.0	69.0
108	74.0	54.7	94.7





#63

Azobenzene

Concen: 41.065 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

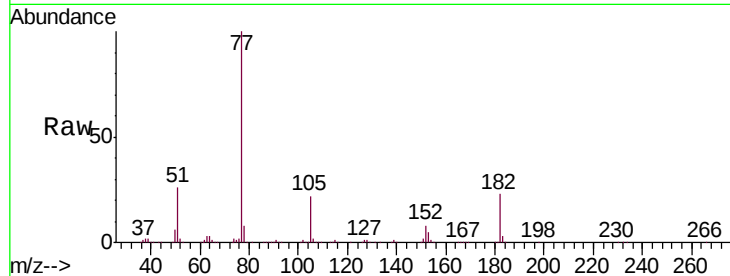
ClientSampleId :

PB122336BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	4.0	44.0
105	21.9	2.0	42.0
51	26.5	7.5	47.5

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM

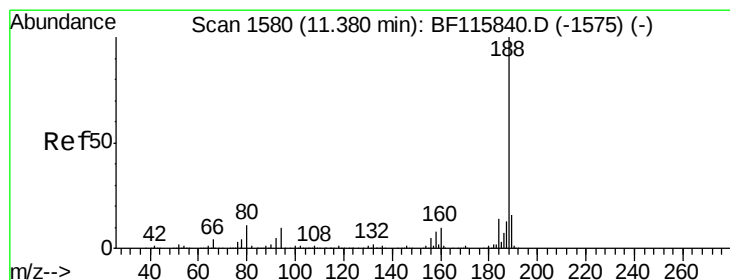
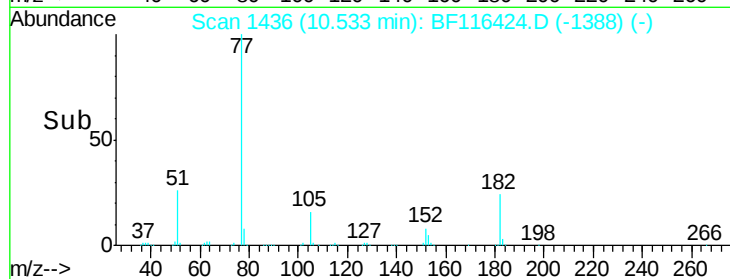
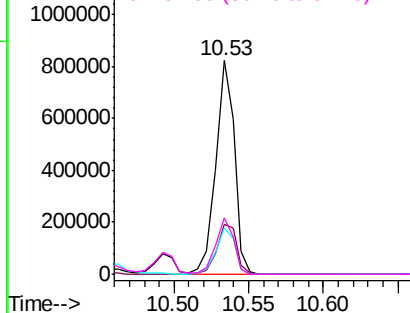


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116424.D

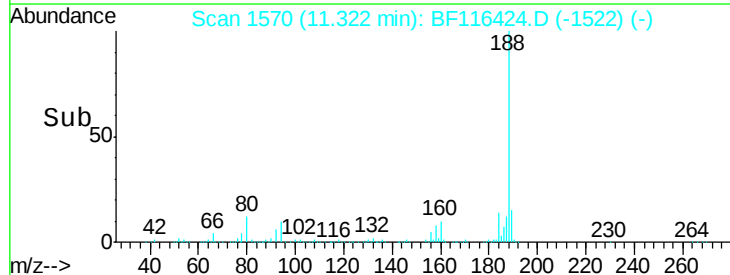
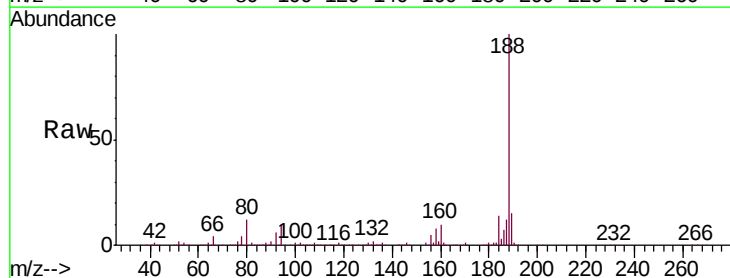
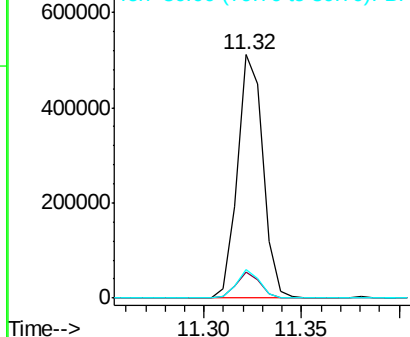
Acq: 20 Aug 2019 10:23

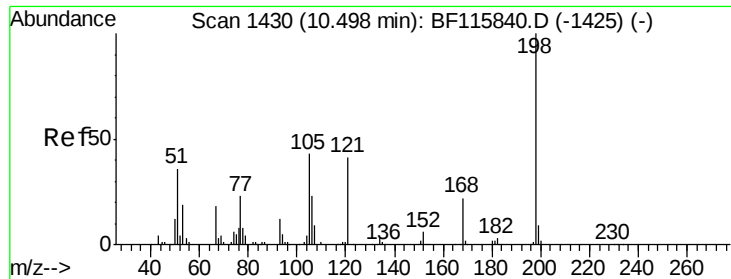
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.6	8.7	13.1

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: 40.077 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

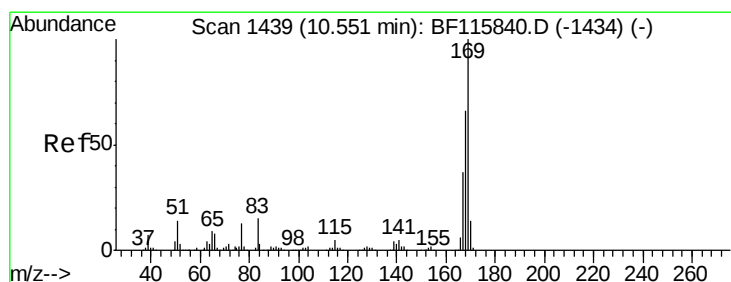
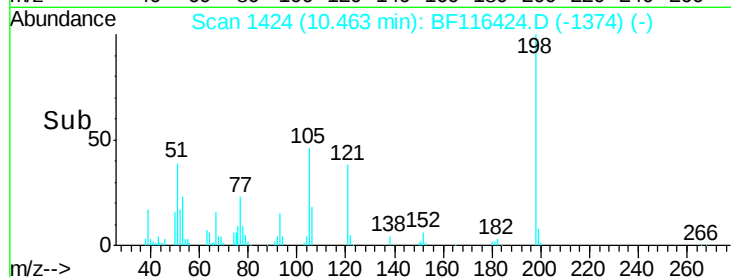
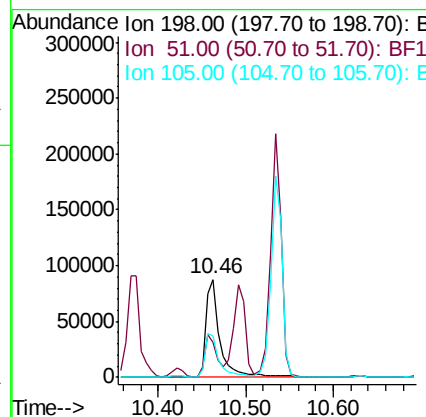
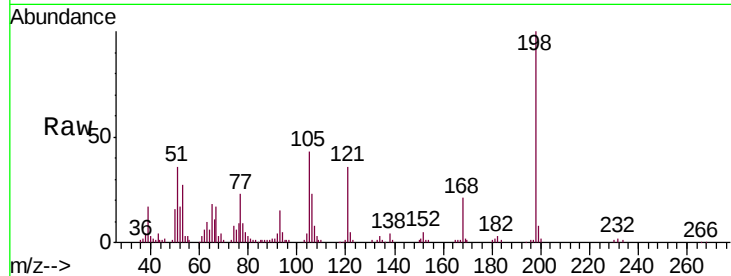
ClientSampled :

PB122336BS

Tgt Ion:	198	Resp:	98470
Ion Ratio	Lower	Upper	
198	100		
51	36.2	17.0	57.0
105	42.8	21.6	61.6

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#66

n-Nitrosodiphenylamine

Concen: 41.459 ng

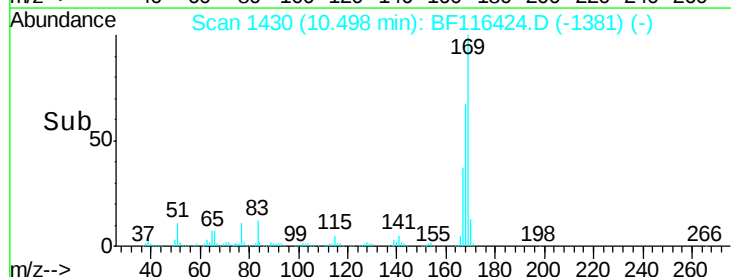
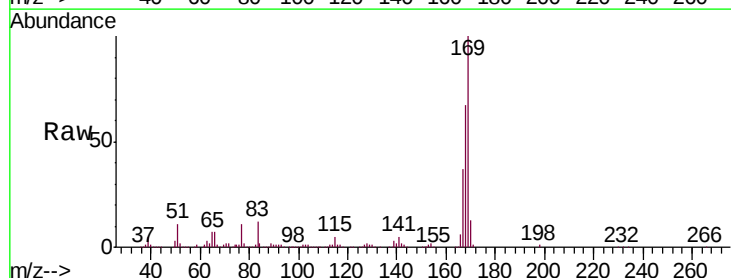
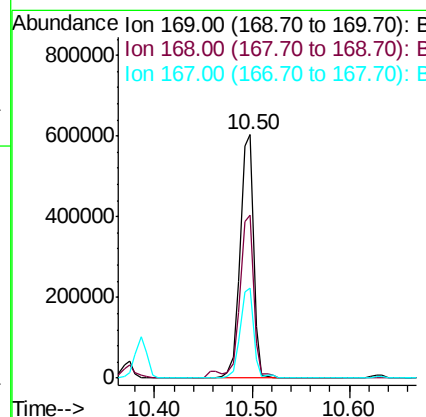
RT: 10.50 min Scan# 1430

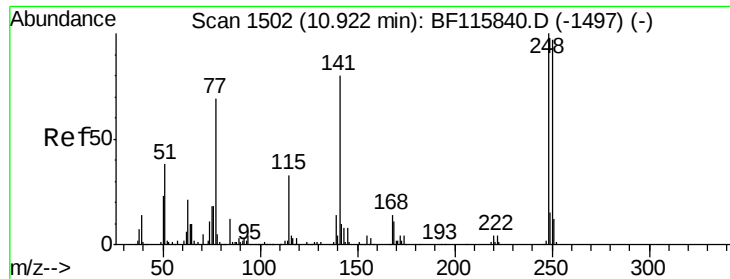
Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion:	169	Resp:	578580
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.8	80.6
167	37.2	29.6	44.4





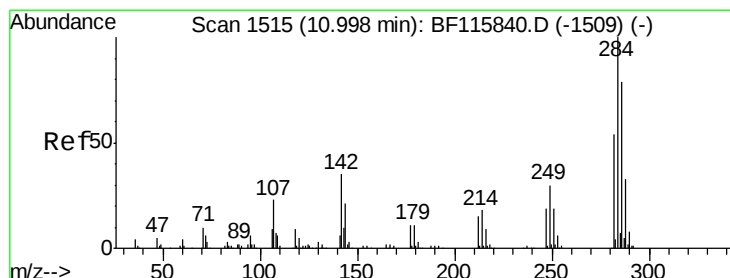
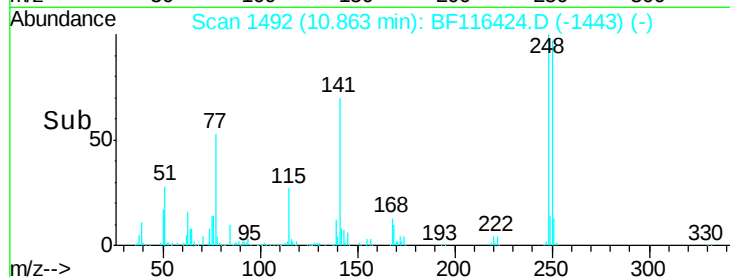
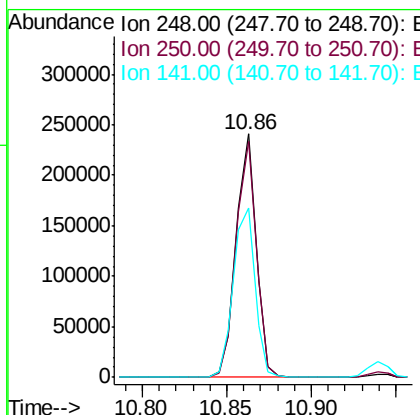
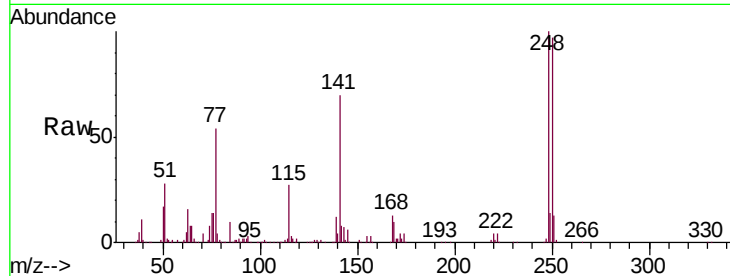
#67
 4-Bromophenyl-phenylether
 Concen: 40.218 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199617		
250	96.8	77.4	116.2	
141	69.5	56.8	85.2	

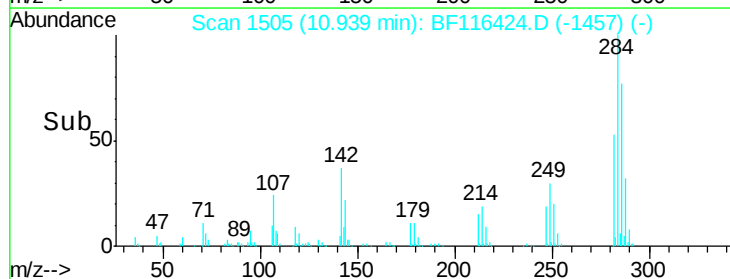
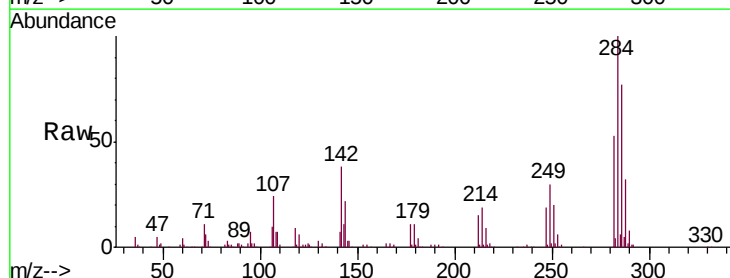
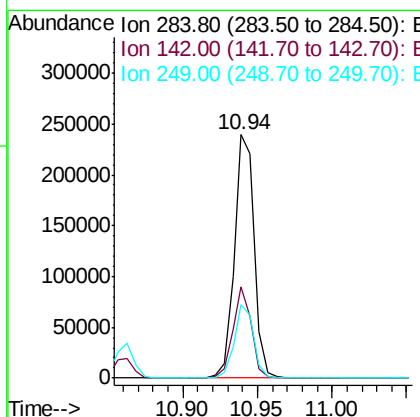
Manual Integrations
 APPROVED

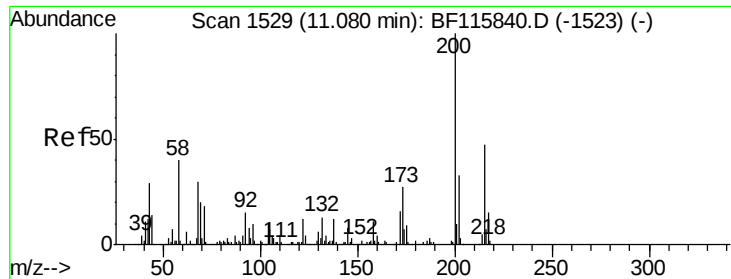
Jagrut
 8/21/2019 3:51:02 PM



#68
 Hexachlorobenzene
 Concen: 38.894 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	223224		
142	37.8	28.4	42.6	
249	30.2	24.5	36.7	





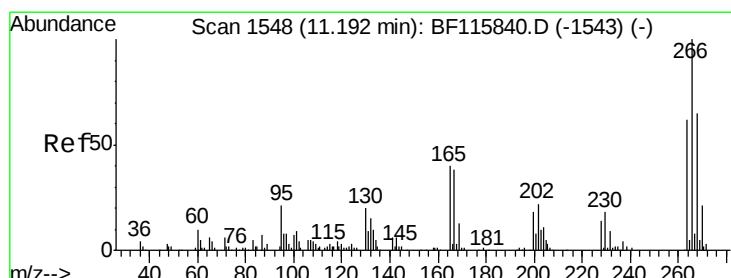
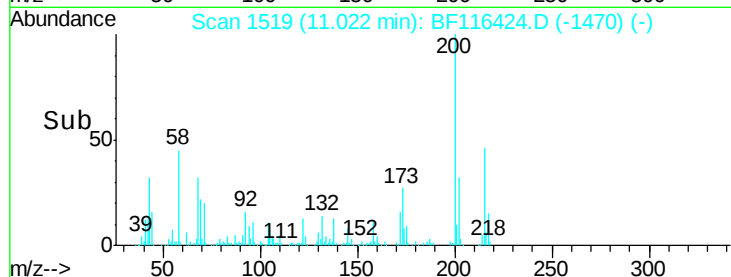
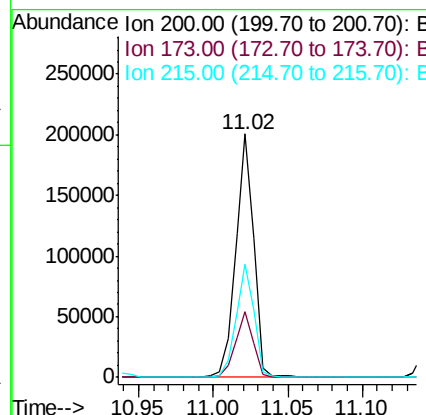
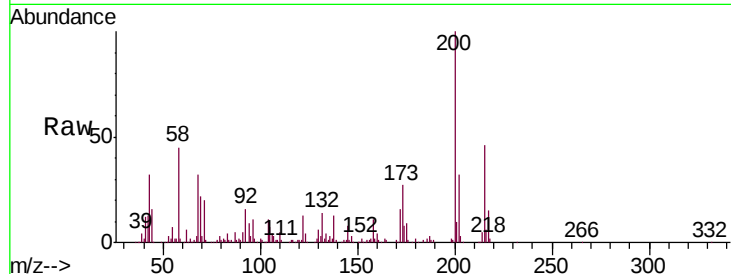
#69
Atrazine
Concen: 37.283 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171167		
173	27.1	6.8	46.8	
215	46.3	27.5	67.5	

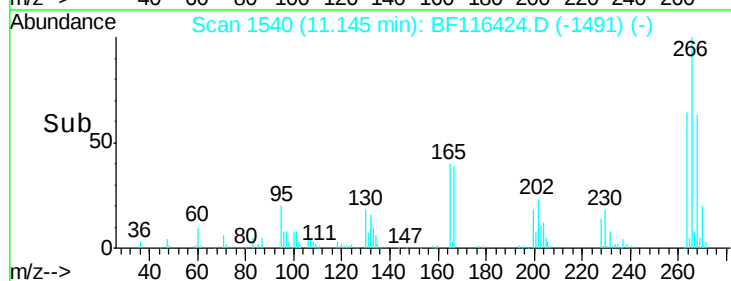
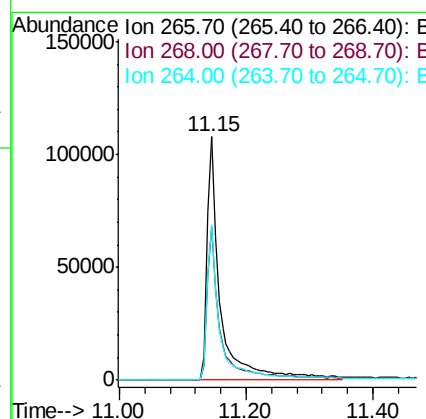
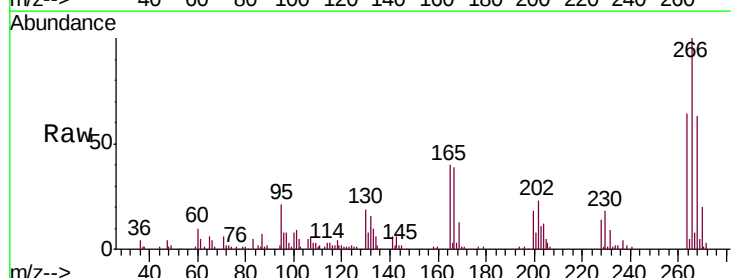
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#70
Pentachlorophenol
Concen: 57.109 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159131		
268	62.9	48.8	73.2	
264	64.0	50.6	76.0	





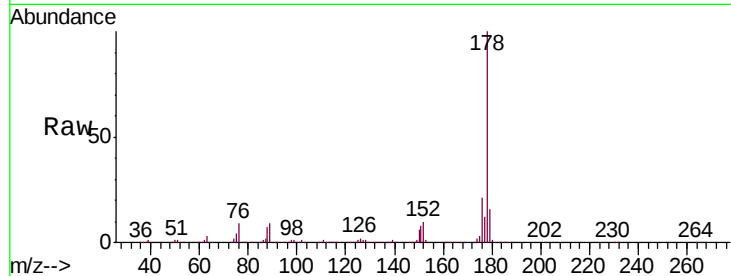
#71
Phenanthrene
Concen: 40.314 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

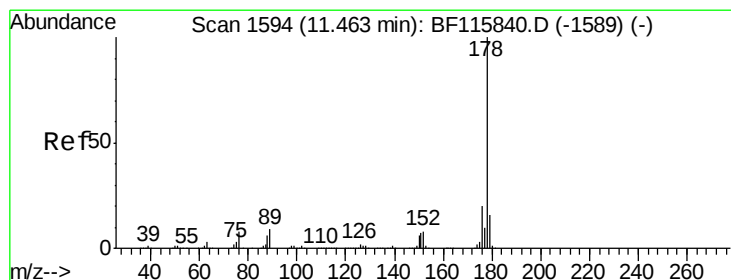
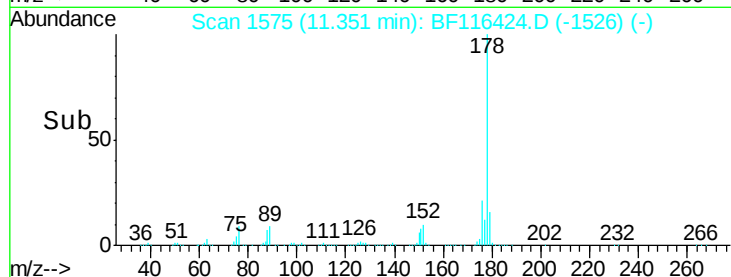
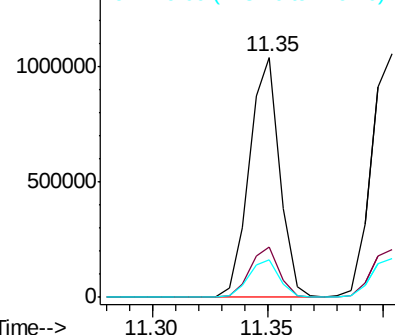
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.7	12.5	18.7

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



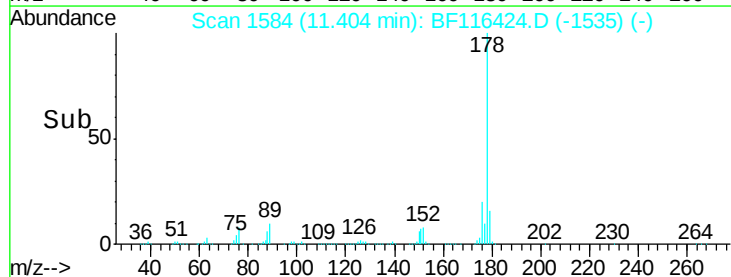
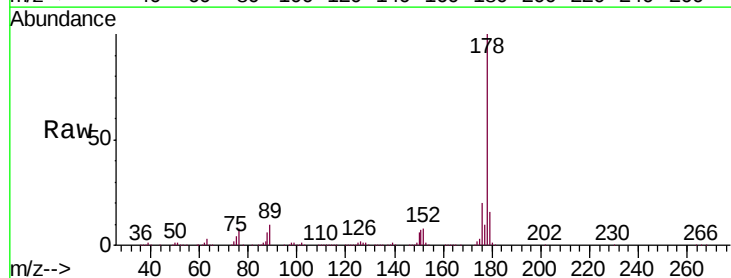
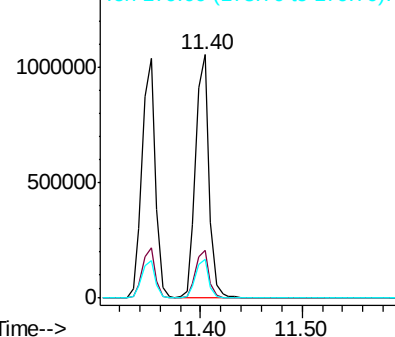
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

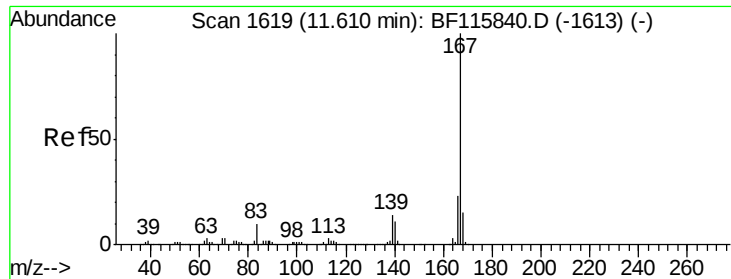


#72
Anthracene
Concen: 40.563 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.1	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





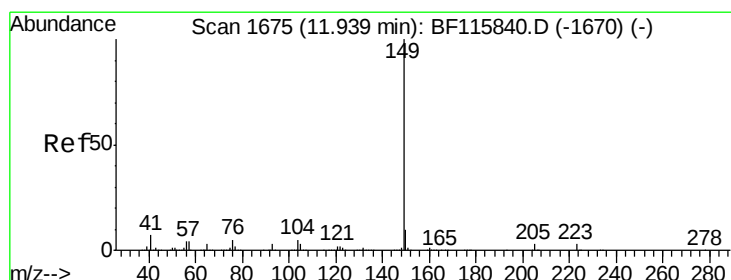
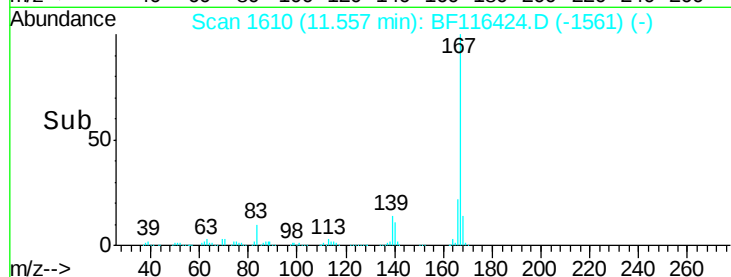
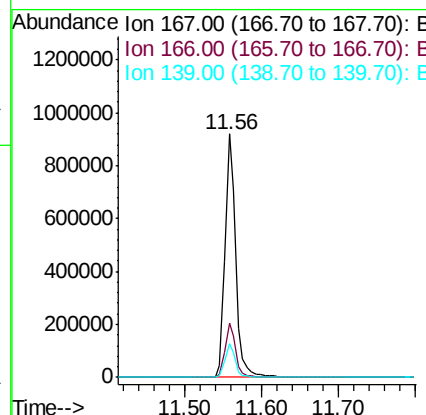
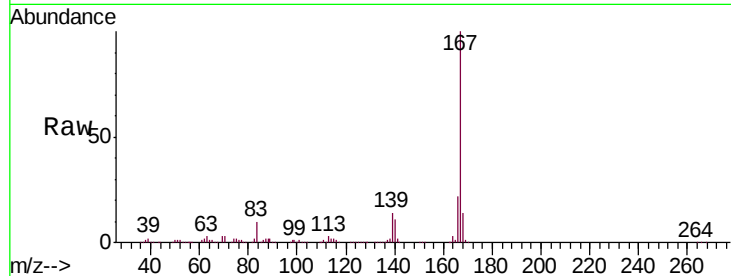
#73
 Carbazole
 Concen: 40.290 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.0	11.4	17.0

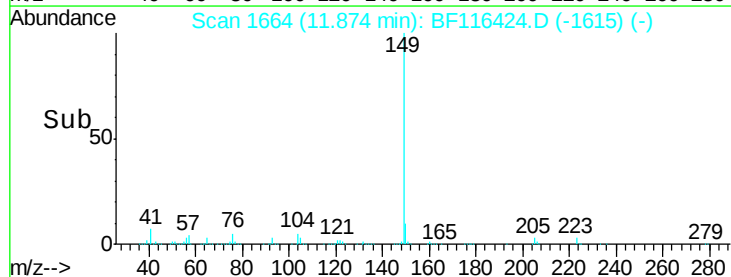
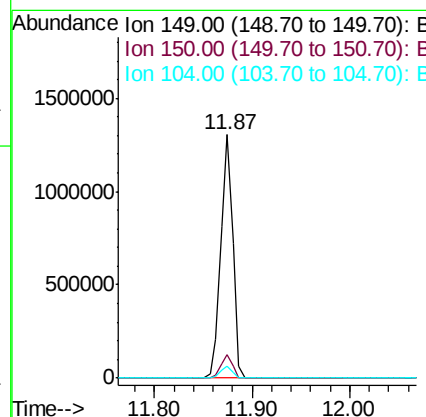
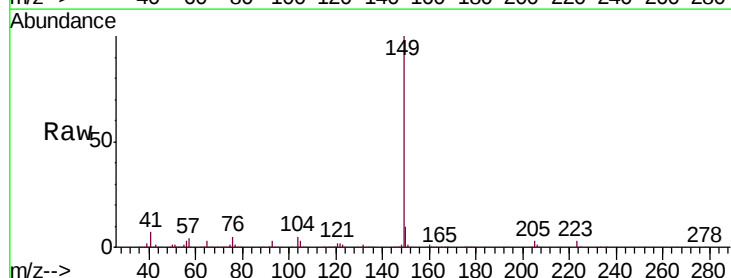
Manual Integrations
 APPROVED

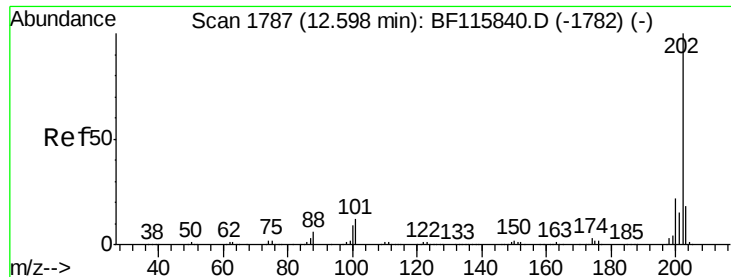
Jagrut
 8/21/2019 3:51:02 PM



#74
 Di-n-butylphthalate
 Concen: 43.843 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 40.600 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

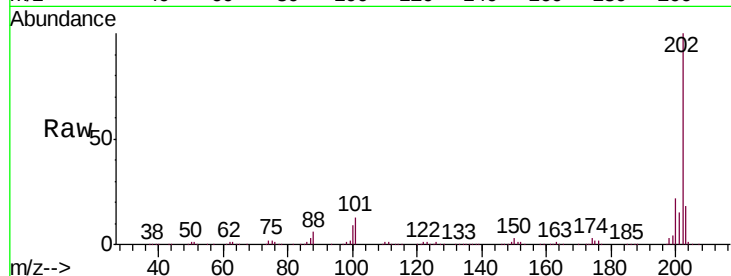
ClientSampled :

PB122336BS

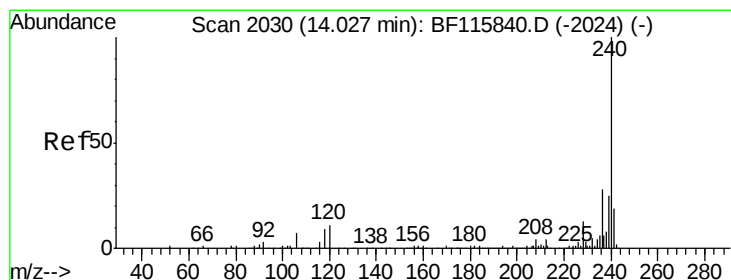
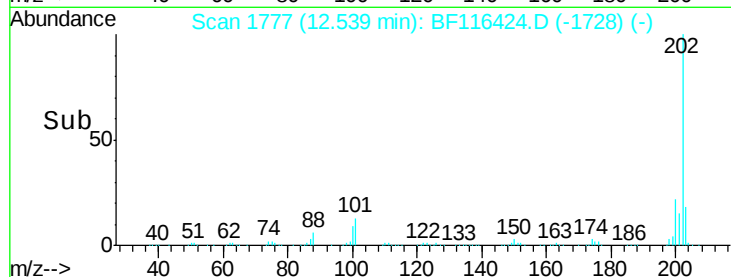
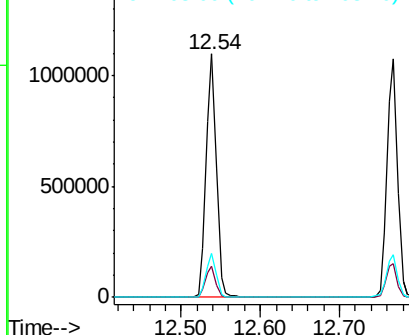
Tgt Ion:	202	Resp:	1007453
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.2
203	17.9	0.0	37.8

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



Abundance Ion 202.00 (201.70 to 202.70): E
1500000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

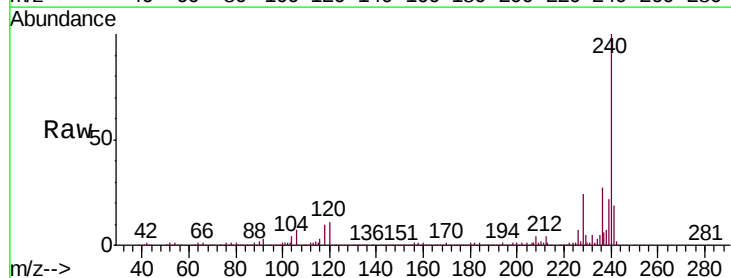
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

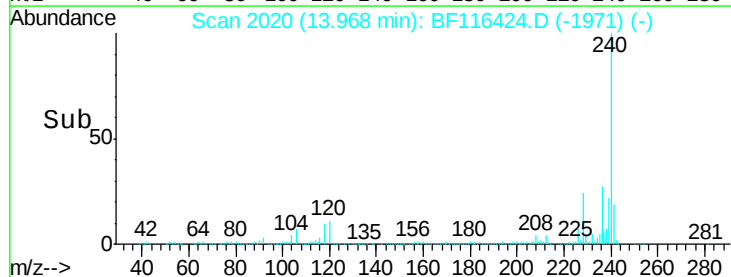
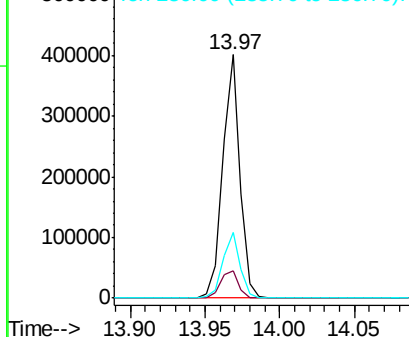
Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion:	240	Resp:	327970
Ion Ratio	Lower	Upper	
240	100		
120	11.1	10.7	16.1
236	27.1	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
500000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.077 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

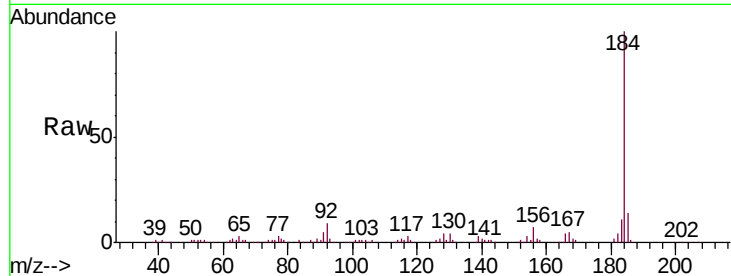
ClientSampleId :

PB122336BS

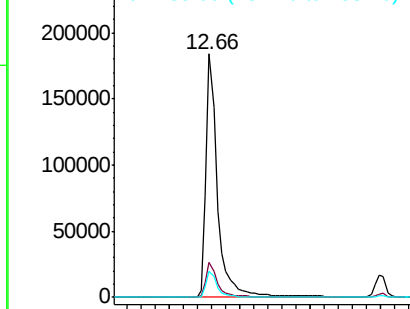
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	211382		
185	14.3	12.8	19.2	
183	10.9	9.4	14.0	

Manual Integrations
APPROVED

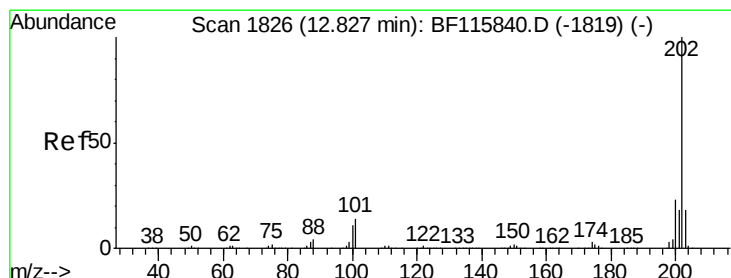
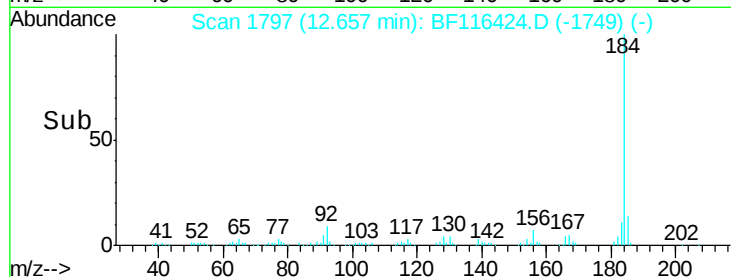
Jagrut
8/21/2019 3:51:02 PM



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



Time-->



#78

Pyrene

Concen: 40.940 ng

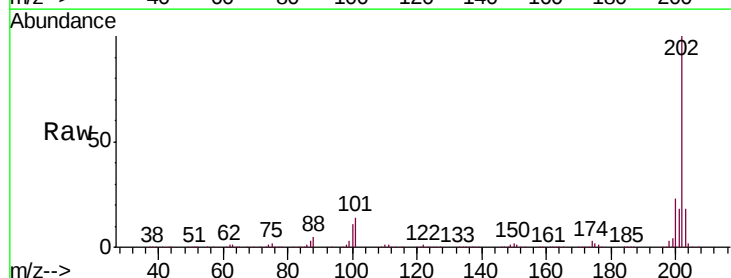
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

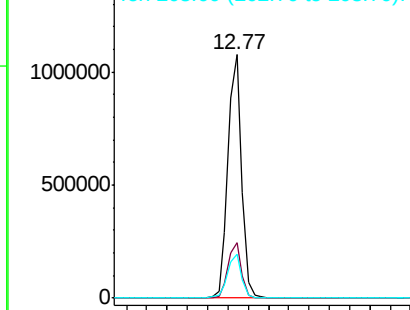
Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

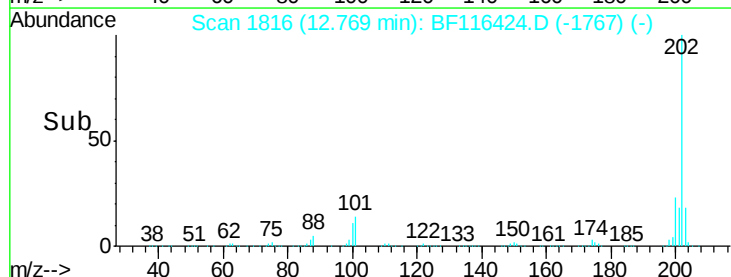
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1012152		
200	22.6	18.0	27.0	
203	18.0	14.1	21.1	



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



Time-->





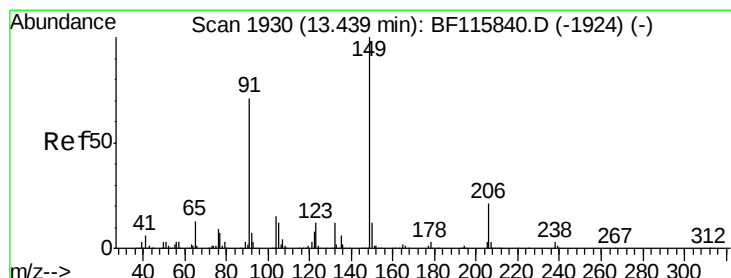
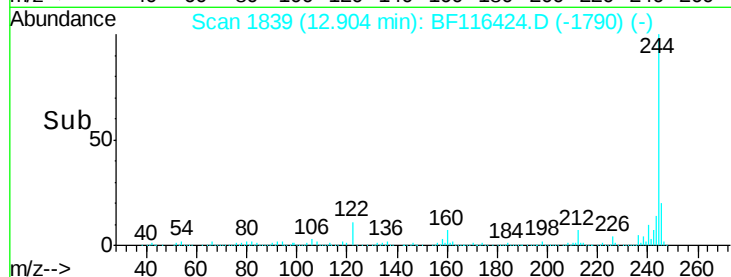
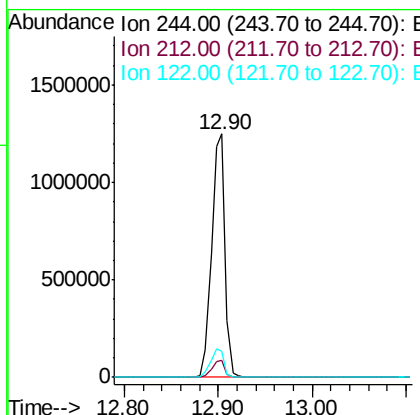
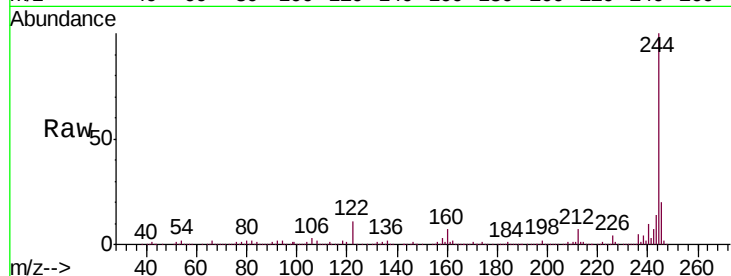
#79
 Terphenyl-d14
 Concen: 80.500 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	9.0	13.4

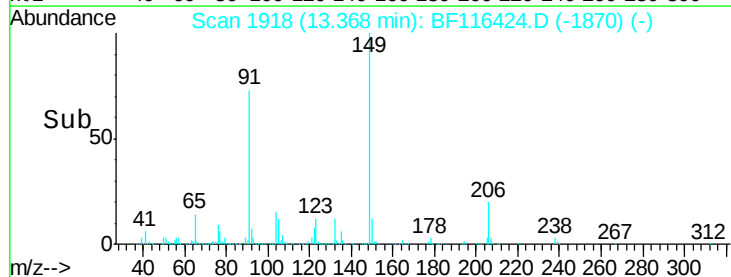
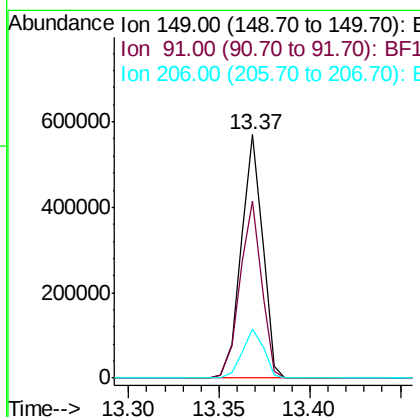
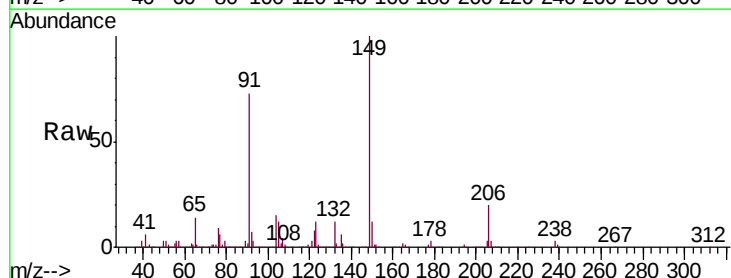
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM



#80
 Butylbenzylphthalate
 Concen: 44.754 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.3	84.5
206	20.1	18.0	27.0





#81

Benzo(a)anthracene

Concen: 39.843 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Instrument :

BNA_F

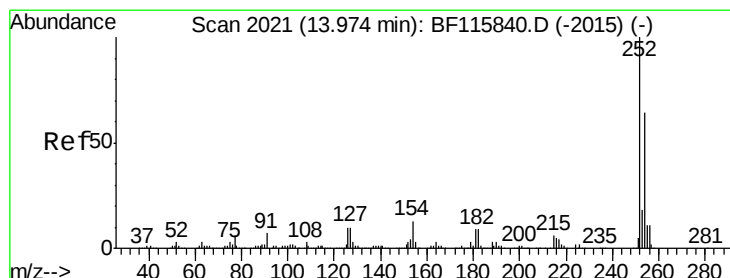
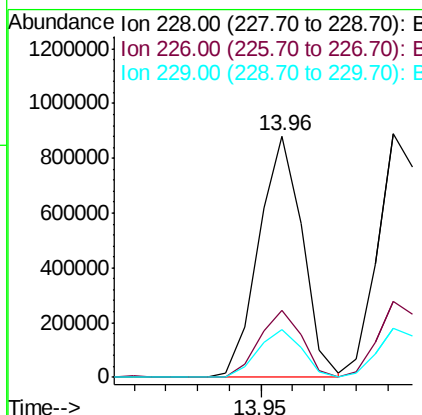
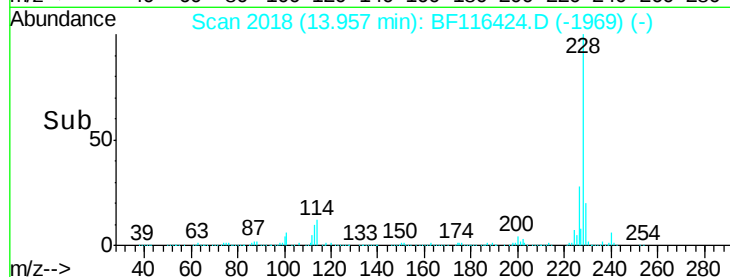
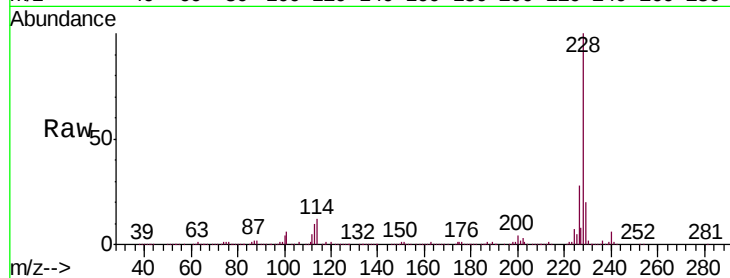
ClientSampleId :

PB122336BS

Tgt Ion:	228	Resp:	835224
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	19.6	16.2	24.4

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#82

3,3'-Dichlorobenzidine

Concen: 35.513 ng

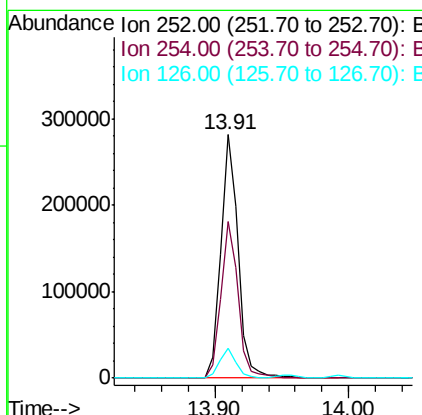
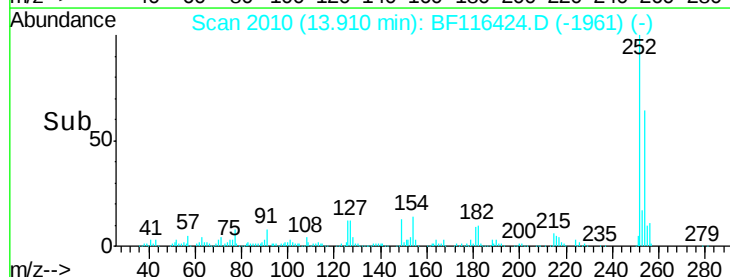
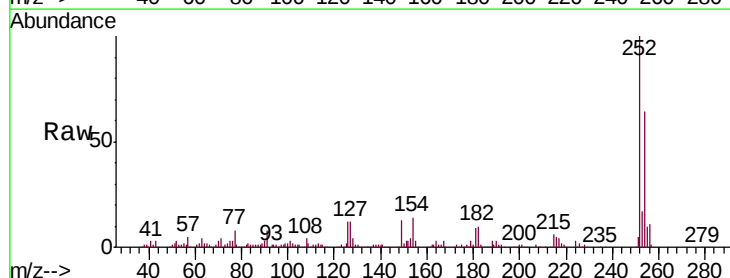
RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116424.D

Acq: 20 Aug 2019 10:23

Tgt Ion:	252	Resp:	258632
Ion Ratio	Lower	Upper	
252	100		
254	64.5	50.9	76.3
126	12.1	9.8	14.8





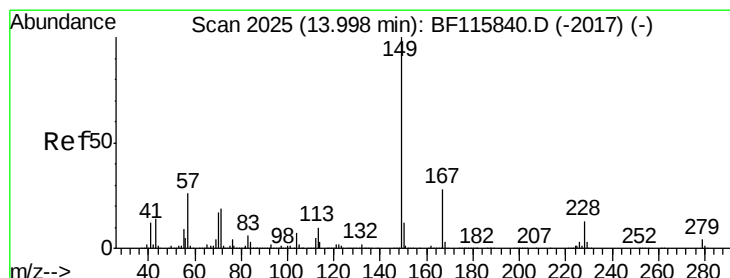
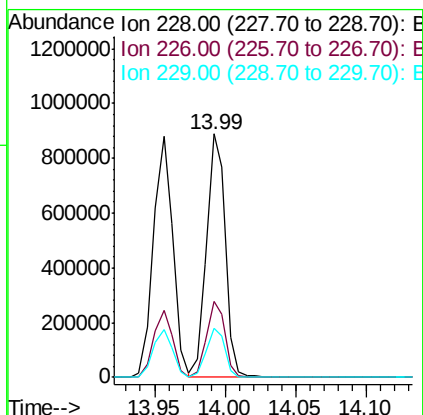
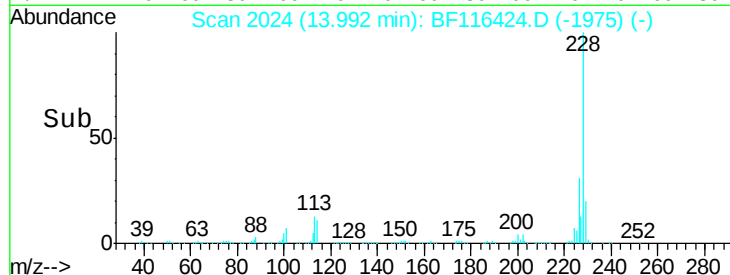
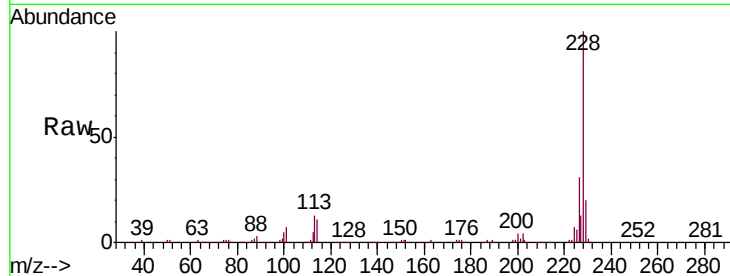
#83
 Chrysene
 Concen: 40.211 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818351		
226	31.0	25.5	38.3	
229	20.2	16.6	24.8	

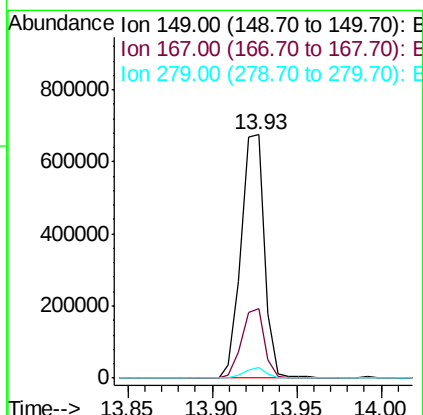
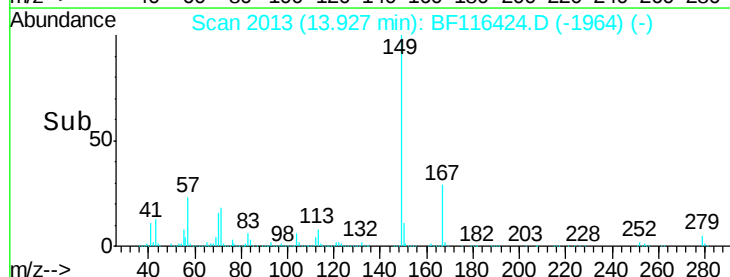
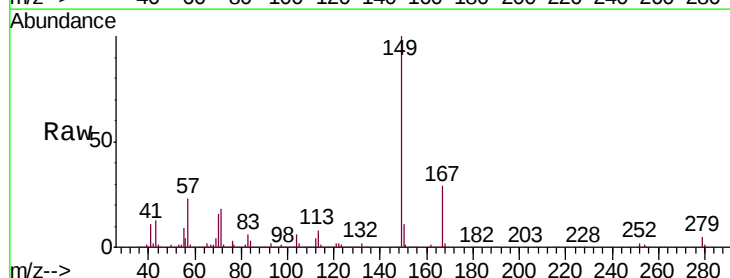
Manual Integrations
 APPROVED

Jagrut
 8/21/2019 3:51:02 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.164 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116424.D
 Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	654551		
167	28.6	21.6	32.4	
279	4.6	3.0	4.4#	





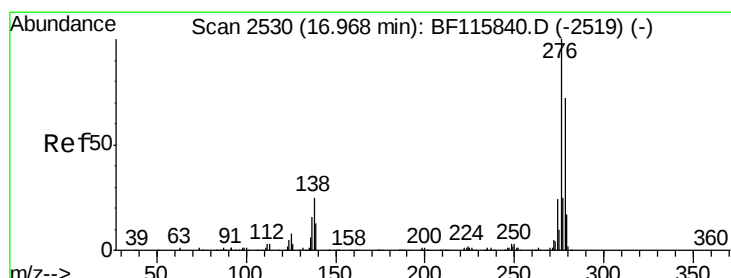
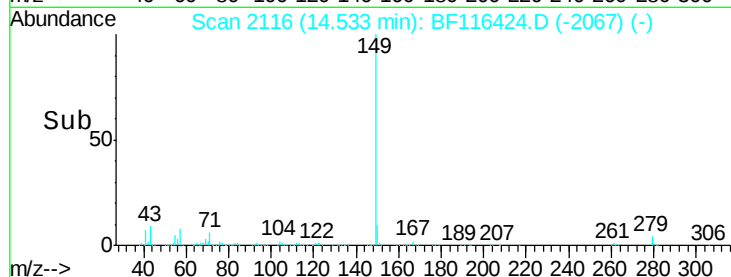
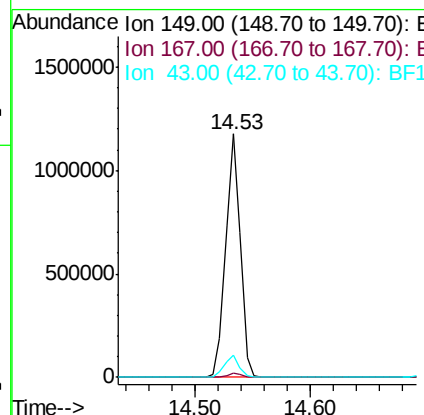
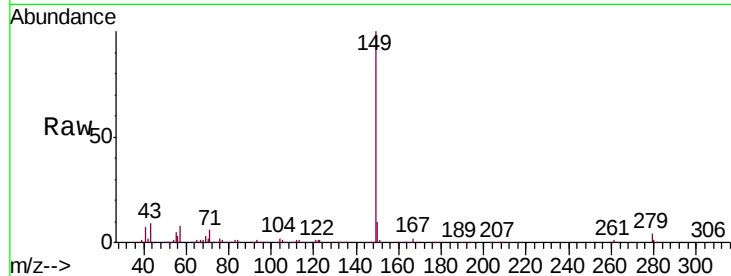
#85
Di-n-octyl phthalate
Concen: 48.165 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3

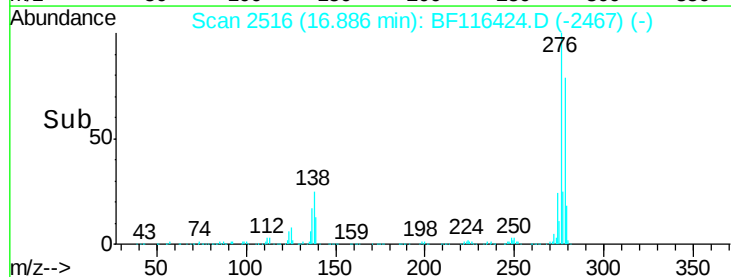
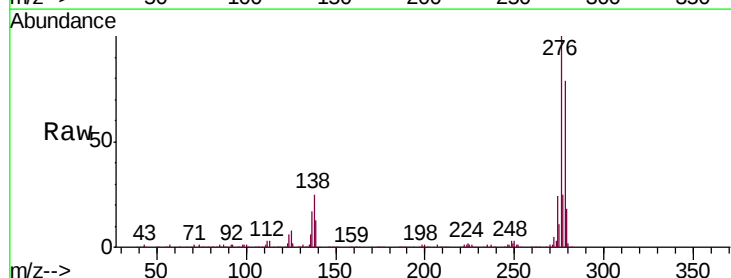
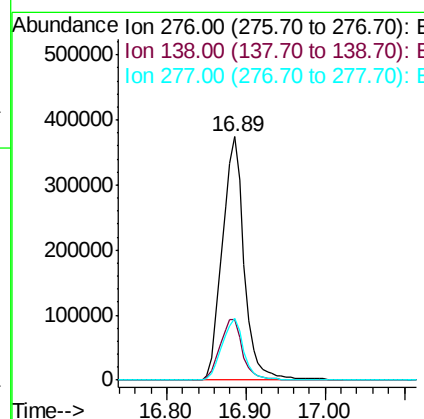
Manual Integrations
APPROVED

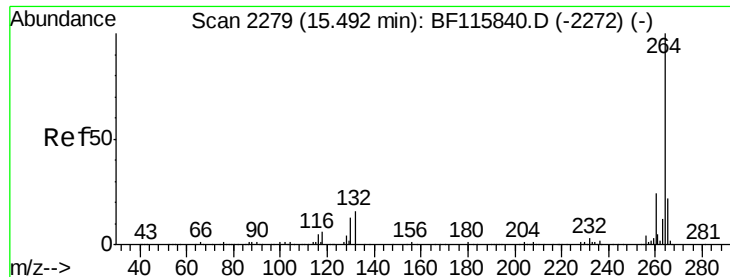
Jagrut
8/21/2019 3:51:02 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.856 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.4	30.6
277	25.2	20.0	30.0





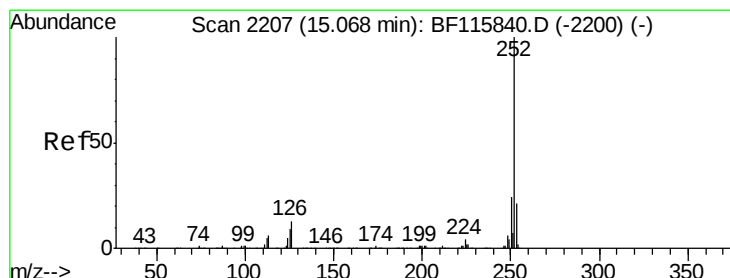
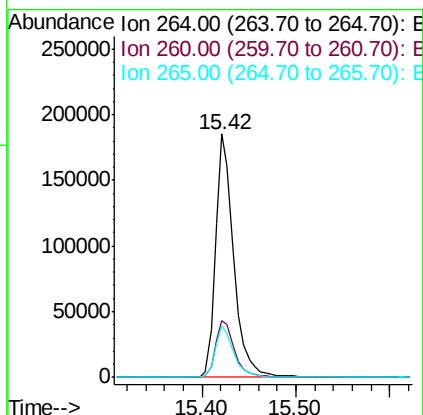
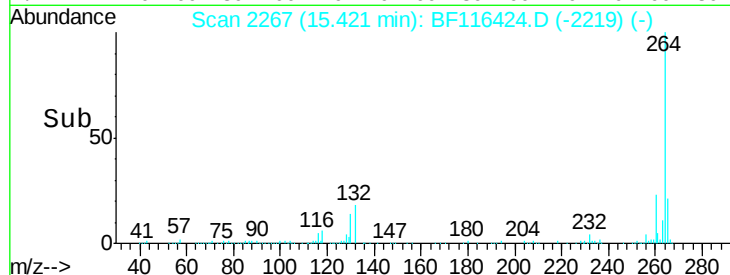
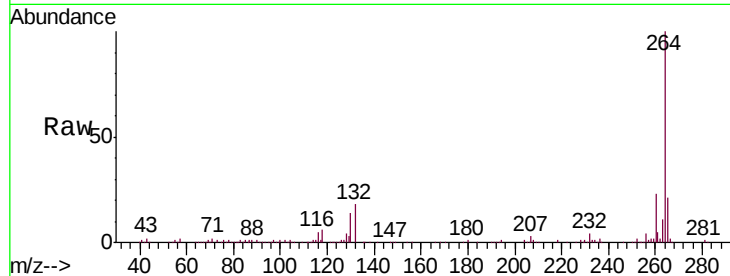
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	251151		
260	23.4	19.7	29.5	
265	21.3	17.4	26.0	

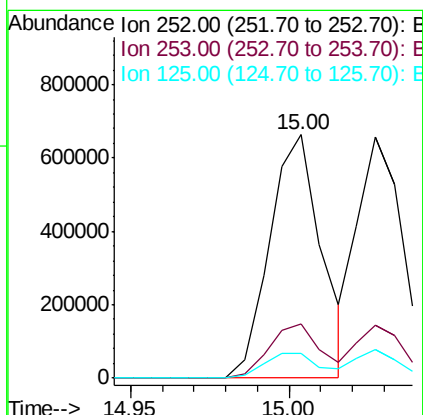
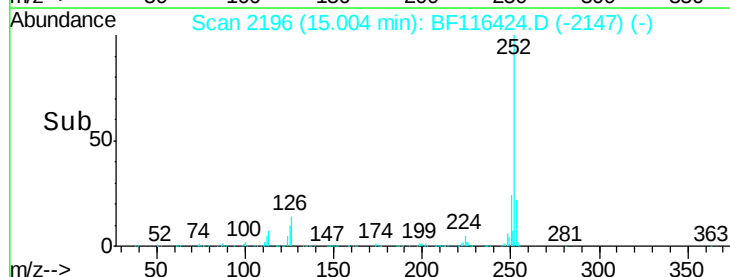
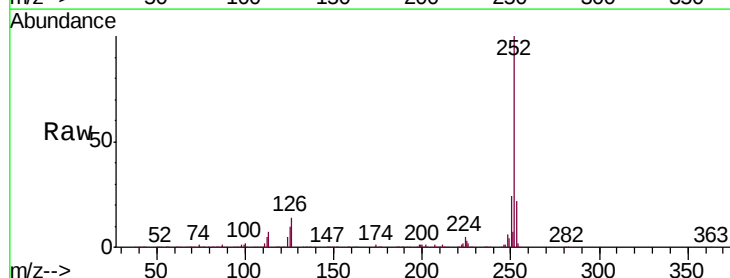
Manual Integrations
APPROVED

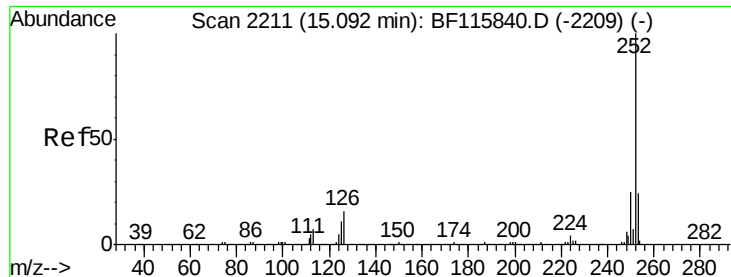
Jagrut
8/21/2019 3:51:02 PM



#88
Benzo(b)fluoranthene
Concen: 51.847 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	752913		
253	22.3	17.8	26.8	
125	10.3	8.4	12.6	





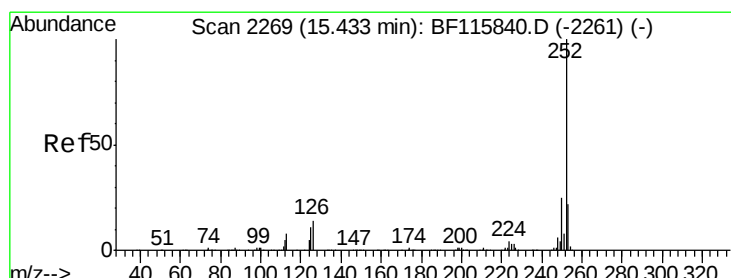
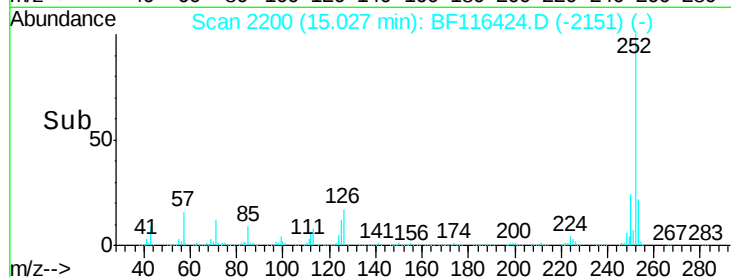
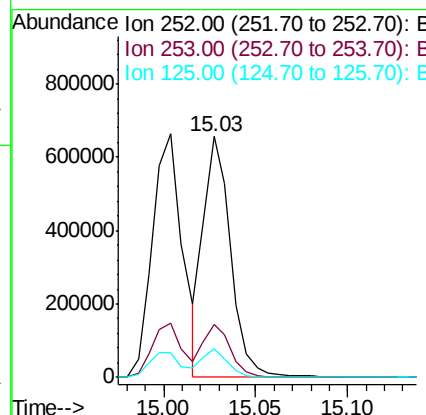
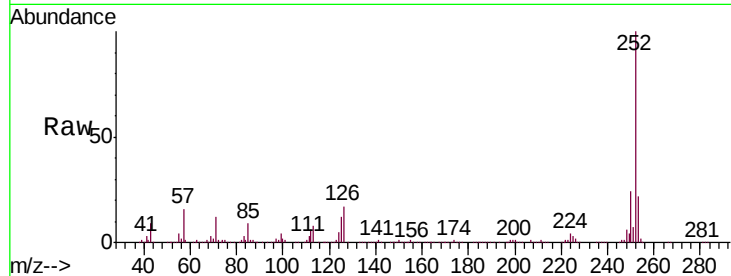
#89
Benzo(k)fluoranthene
Concen: 48.071 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.7	7.7	11.5

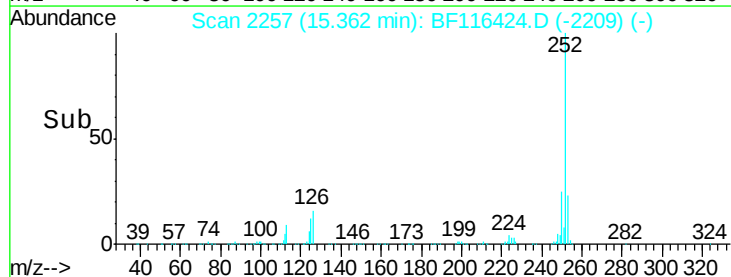
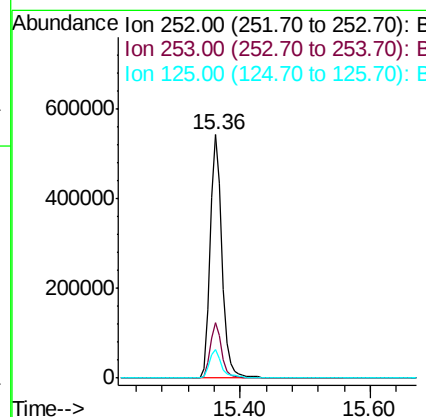
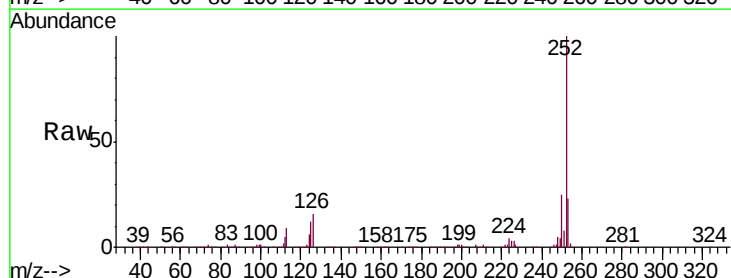
Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#90
Benzo(a)pyrene
Concen: 52.276 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.9	8.9	13.3





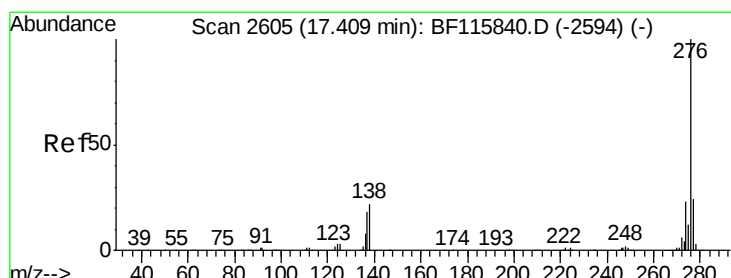
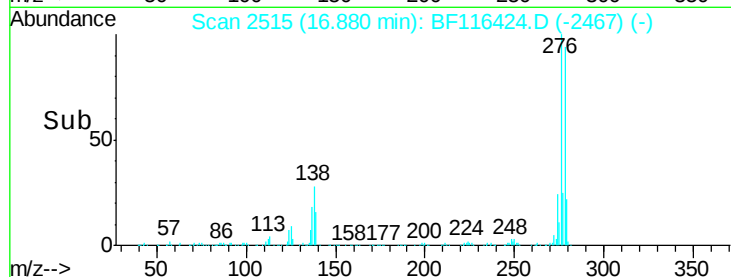
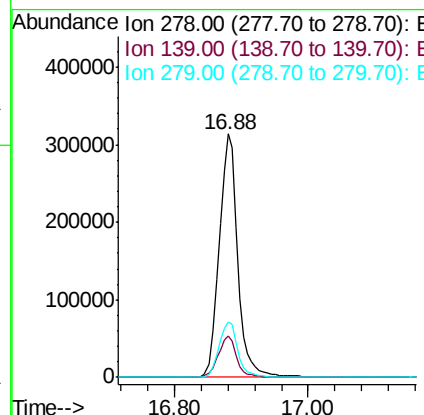
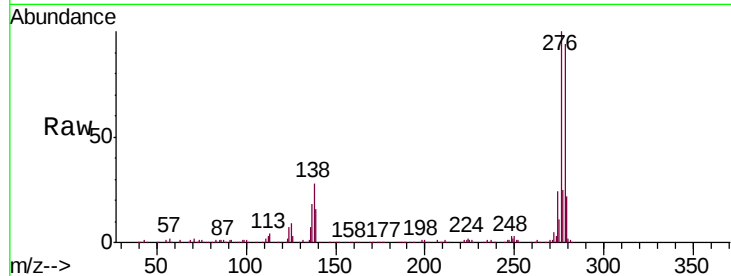
#91
Dibenzo(a,h)anthracene
Concen: 54.674 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.8	19.2
279	22.8	18.8	28.2

Manual Integrations
APPROVED

Jagrut
8/21/2019 3:51:02 PM



#92
Benzo(g,h,i)perylene
Concen: 55.004 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116424.D
Acq: 20 Aug 2019 10:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	21.5	17.0	25.6

