

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130268.D
 Acq On : 15 Sep 2022 13:22
 Operator : CG\JU
 Sample : PB147633BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:25:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	108005	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	434960	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	235177	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	399871	20.000	ng	0.00
76) Chrysene-d12	13.822	240	246964	20.000	ng	# 0.00
86) Perylene-d12	15.210	264	179347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	843163	135.404	ng	0.01
7) Phenol-d6	6.316	99	1052330	135.063	ng	0.00
23) Nitrobenzene-d5	7.245	82	689979	81.042	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	351018	155.770	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1310243	81.129	ng	0.00
79) Terphenyl-d14	12.775	244	1440887	96.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.399	88	96962	33.905	ng	97
3) Pyridine	3.081	79	252490	33.845	ng	96
4) n-Nitrosodimethylamine	3.040	42	164763	40.607	ng	99
6) Aniline	6.340	93	407199	42.416	ng	99
8) 2-Chlorophenol	6.457	128	326052	45.966	ng	97
9) Benzaldehyde	6.228	77	209049	40.055	ng	92
10) Phenol	6.328	94	398896	43.687	ng	93
11) bis(2-Chloroethyl)ether	6.422	93	294614	44.734	ng	93
12) 1,3-Dichlorobenzene	6.616	146	342127	43.834	ng	99
13) 1,4-Dichlorobenzene	6.693	146	349319	43.888	ng	99
14) 1,2-Dichlorobenzene	6.846	146	331741	44.617	ng	99
15) Benzyl Alcohol	6.828	79	264105	42.753	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.957	45	408114	42.487	ng	98
17) 2-Methylphenol	6.940	107	255942	44.386	ng	99
18) Hexachloroethane	7.187	117	138535	44.156	ng	98
19) n-Nitroso-di-n-propyla...	7.104	70	231723	44.075	ng	96
20) 3+4-Methylphenols	7.093	107	328960	43.916	ng	# 85
22) Acetophenone	7.093	105	469605	44.160	ng	98
24) Nitrobenzene	7.263	77	352863	40.817	ng	98
25) Isophorone	7.504	82	626548	45.659	ng	100
26) 2-Nitrophenol	7.581	139	167624	47.300	ng	92
27) 2,4-Dimethylphenol	7.622	122	292602	53.624	ng	97
28) bis(2-Chloroethoxy)met...	7.722	93	371150	48.034	ng	99
29) 2,4-Dichlorophenol	7.822	162	266764	44.613	ng	96
30) 1,2,4-Trichlorobenzene	7.904	180	272840	42.204	ng	95
31) Naphthalene	7.981	128	937227	41.824	ng	100
32) Benzoic acid	7.757	122	195187	46.256	ng	98
33) 4-Chloroaniline	8.034	127	308588	36.208	ng	99
34) Hexachlorobutadiene	8.098	225	177300	42.913	ng	99
35) Caprolactam	8.410	113	85728m	50.010	ng	
36) 4-Chloro-3-methylphenol	8.522	107	303953	45.860	ng	98
37) 2-Methylnaphthalene	8.675	142	618421	43.284	ng	97
38) 1-Methylnaphthalene	8.769	142	582981	42.475	ng	99
40) 1,2,4,5-Tetrachloroben...	8.839	216	281860	43.916	ng	99
41) Hexachlorocyclopentadiene	8.828	237	401239	116.769	ng	100
43) 2,4,6-Trichlorophenol	8.951	196	191944	42.852	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130268.D
 Acq On : 15 Sep 2022 13:22
 Operator : CG\JU
 Sample : PB147633BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

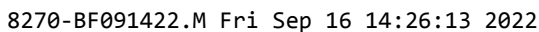
Quant Time: Sep 16 03:25:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

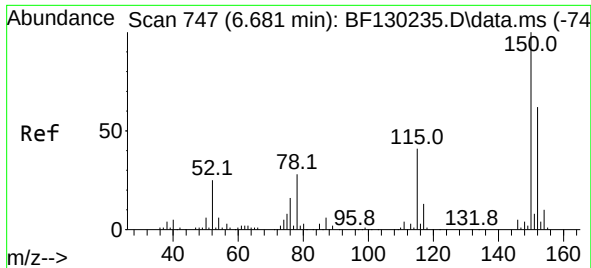
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	204669	42.343	ng	# 92
46) 1,1'-Biphenyl	9.139	154	758638	43.193	ng	98
47) 2-Chloronaphthalene	9.163	162	591758	41.649	ng	98
48) 2-Nitroaniline	9.263	65	199741	42.149	ng	91
49) Acenaphthylene	9.575	152	895137	42.019	ng	99
50) Dimethylphthalate	9.445	163	708461	43.611	ng	99
51) 2,6-Dinitrotoluene	9.504	165	156558	46.081	ng	94
52) Acenaphthene	9.745	154	668028m	47.727	ng	
53) 3-Nitroaniline	9.675	138	132969	35.124	ng	93
54) 2,4-Dinitrophenol	9.781	184	177634	95.102	ng	# 87
55) Dibenzofuran	9.916	168	824877	42.370	ng	98
56) 4-Nitrophenol	9.839	139	252588	91.606	ng	95
57) 2,4-Dinitrotoluene	9.904	165	208998	48.134	ng	99
58) Fluorene	10.257	166	682099	42.841	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.034	232	159444	42.144	ng	98
60) Diethylphthalate	10.145	149	710812	43.633	ng	99
61) 4-Chlorophenyl-phenylether	10.257	204	317332	45.433	ng	94
62) 4-Nitroaniline	10.292	138	163028	42.868	ng	96
63) Azobenzene	10.416	77	684278	40.793	ng	97
65) 4,6-Dinitro-2-methylph...	10.310	198	104901	47.126	ng	99
66) n-Nitrosodiphenylamine	10.375	169	574025	42.958	ng	99
67) 4-Bromophenyl-phenylether	10.739	248	200410	45.432	ng	93
68) Hexachlorobenzene	10.798	284	230624	46.121	ng	93
69) Atrazine	10.904	200	195630	50.097	ng	99
70) Pentachlorophenol	10.998	266	255342	95.147	ng	98
71) Phenanthrene	11.216	178	945160	42.100	ng	100
72) Anthracene	11.269	178	964001	44.495	ng	99
73) Carbazole	11.428	167	867792	44.383	ng	100
74) Di-n-butylphthalate	11.763	149	1069602	45.364	ng	100
75) Fluoranthene	12.398	202	956134	44.074	ng	98
77) Benzidine	12.527	184	560879	78.235	ng	99
78) Pyrene	12.627	202	950325	43.987	ng	99
80) Butylbenzylphthalate	13.251	149	384768	48.074	ng	96
81) Benzo(a)anthracene	13.810	228	719569	43.798	ng	99
82) 3,3'-Dichlorobenzidine	13.780	252	193073	43.172	ng	# 98
83) Chrysene	13.845	228	661626	42.413	ng	98
84) Bis(2-ethylhexyl)phtha...	13.810	149	453706	49.490	ng	100
85) Di-n-octyl phthalate	14.421	149	624838	44.561	ng	98
87) Indeno(1,2,3-cd)pyrene	16.539	276	594859	46.772	ng	98
88) Benzo(b)fluoranthene	14.816	252	573837	49.021	ng	99
89) Benzo(k)fluoranthene	14.845	252	507306	44.056	ng	99
90) Benzo(a)pyrene	15.151	252	458970	49.491	ng	99
91) Dibenzo(a,h)anthracene	16.563	278	523750	50.199	ng	99
92) Benzo(g,h,i)perylene	16.945	276	515883	49.084	ng	99

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

Manual Integrations APPROVED

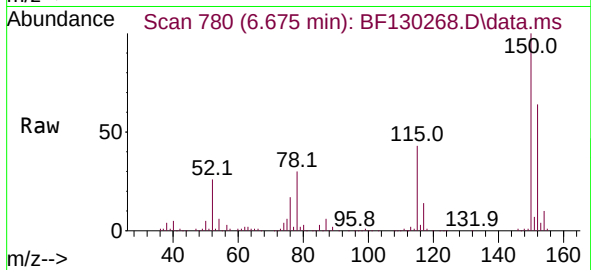
Quant Time: Sep 16 03:25:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:55:51 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

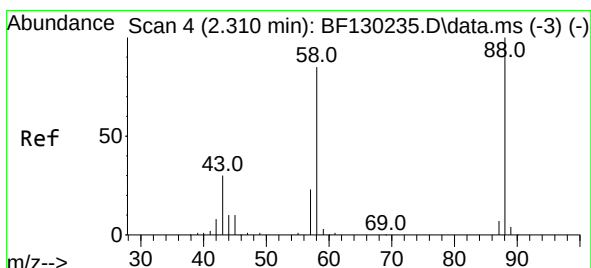
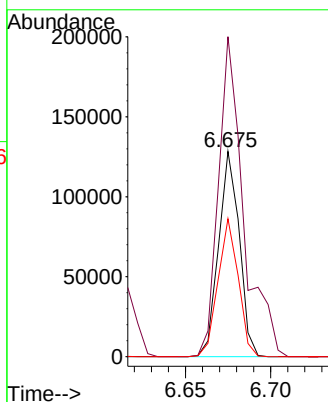
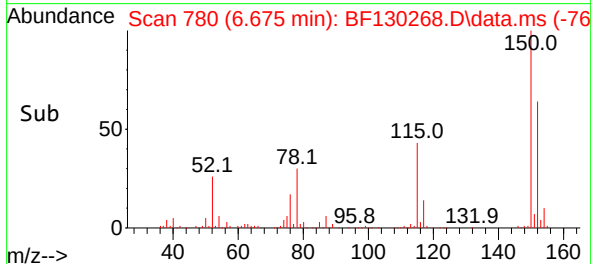
Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS



Tgt Ion:152 Resp: 108005
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.8 184.2
 115 67.2 53.8 80.8

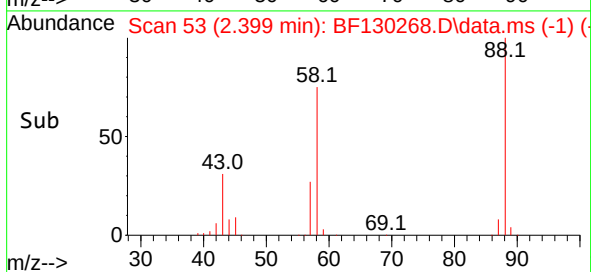
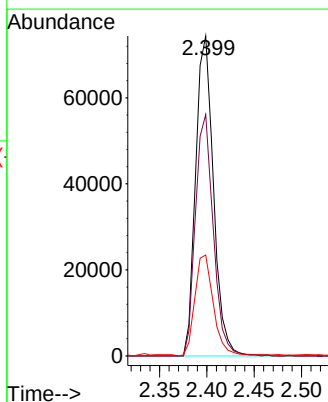
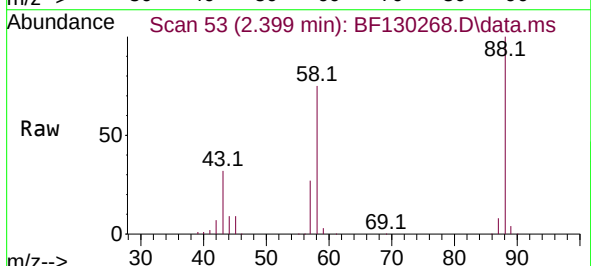
Manual Integrations
 APPROVED

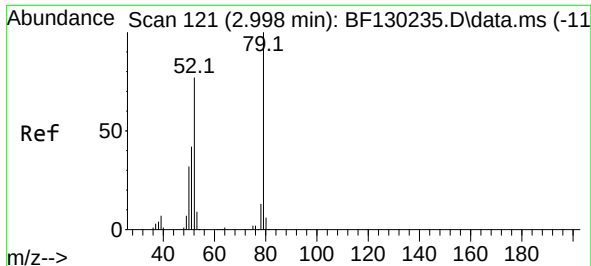
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#2
 1,4-Dioxane
 Concen: 33.905 ng
 RT: 2.399 min Scan# 53
 Delta R.T. 0.088 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

Tgt Ion: 88 Resp: 96962
 Ion Ratio Lower Upper
 88 100
 58 75.7 61.3 91.9
 43 32.9 23.0 34.6





#3

Pyridine

Concen: 33.845 ng

RT: 3.081 min Scan# 10

Delta R.T. 0.083 min

Lab File: BF130268.D

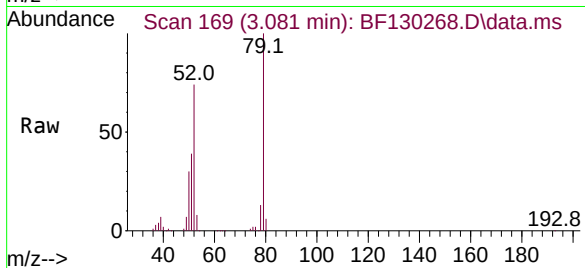
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

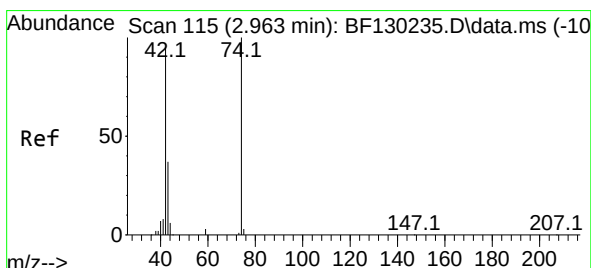
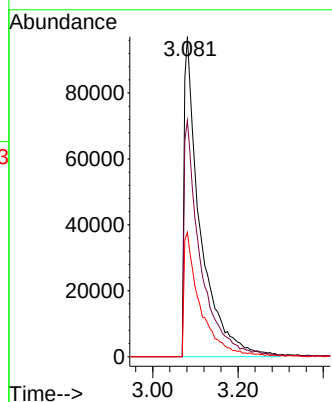
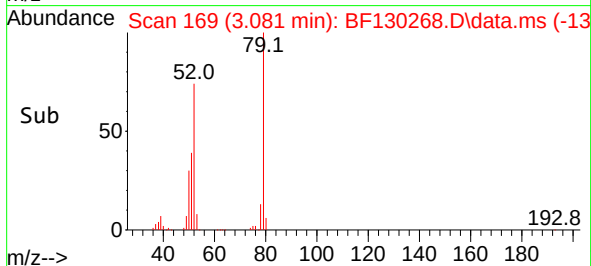


Tgt Ion:	79	Resp:	252490
Ion Ratio	100	Lower	Upper
79	100		
52	73.8	62.4	93.6
51	38.8	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#4

n-Nitrosodimethylamine

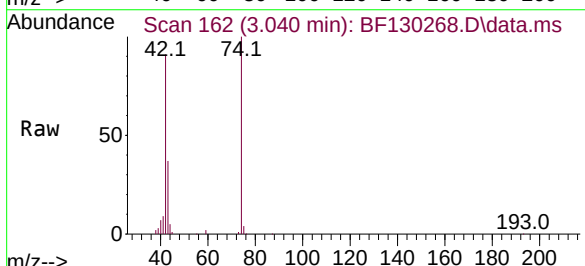
Concen: 40.607 ng

RT: 3.040 min Scan# 162

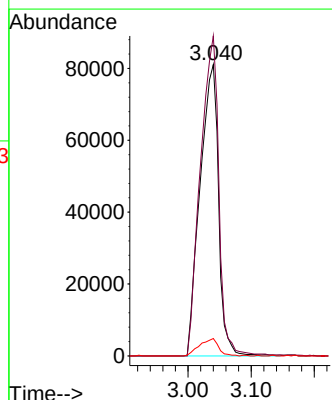
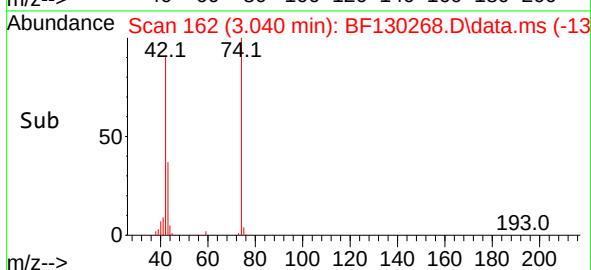
Delta R.T. 0.077 min

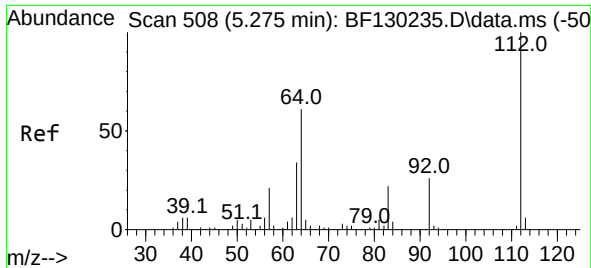
Lab File: BF130268.D

Acq: 15 Sep 2022 13:22



Tgt Ion:	42	Resp:	164763
Ion Ratio	100	Lower	Upper
42	100		
74	109.9	88.4	132.6
44	6.0	5.0	7.4





#5
2-Fluorophenol
Concen: 135.404 ng
RT: 5.287 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

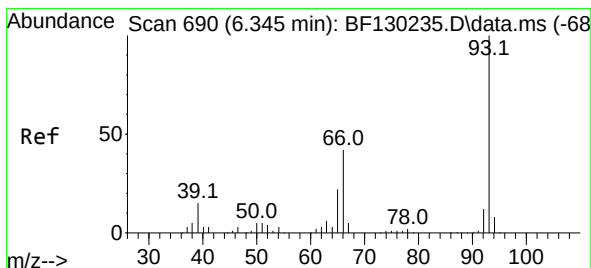
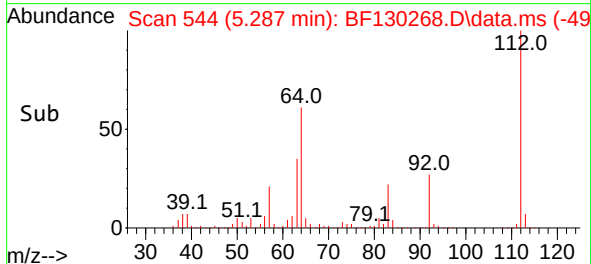
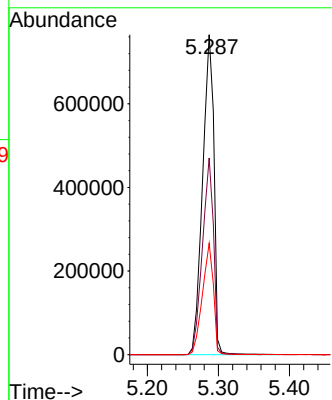
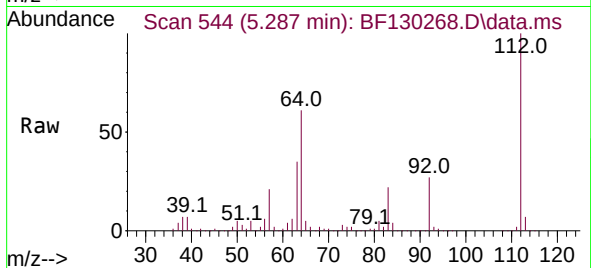
PB147633BS

Tgt Ion:112 Resp: 843163
Ion Ratio Lower Upper
112 100
64 61.4 51.4 77.0
63 34.8 28.8 43.2

Manual Integrations

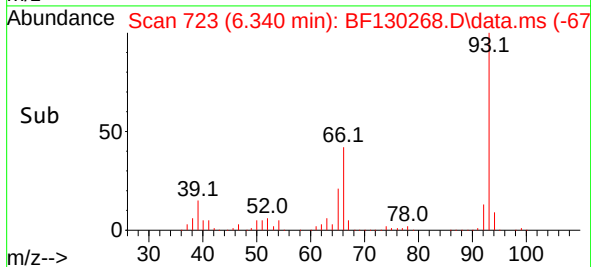
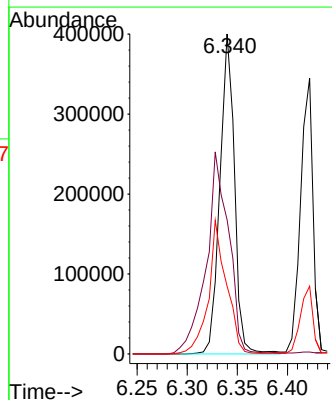
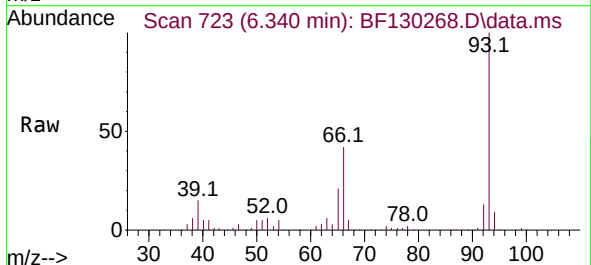
APPROVED

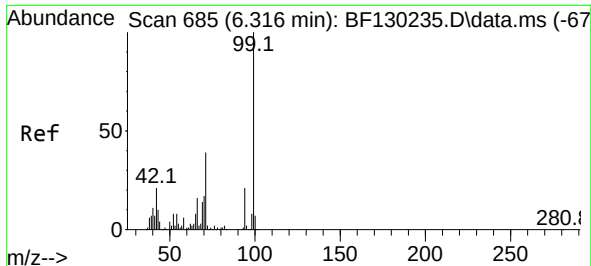
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#6
Aniline
Concen: 42.416 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

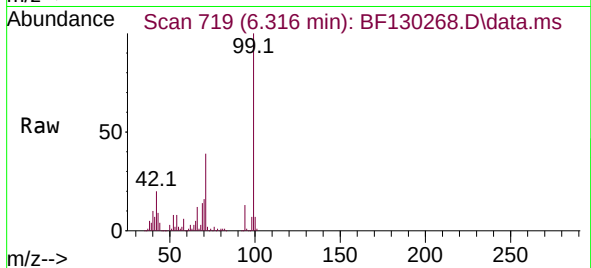
Tgt Ion: 93 Resp: 407199
Ion Ratio Lower Upper
93 100
66 41.9 34.2 51.4
65 21.2 16.6 24.8





#7
Phenol-d6
Concen: 135.063 ng
RT: 6.316 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

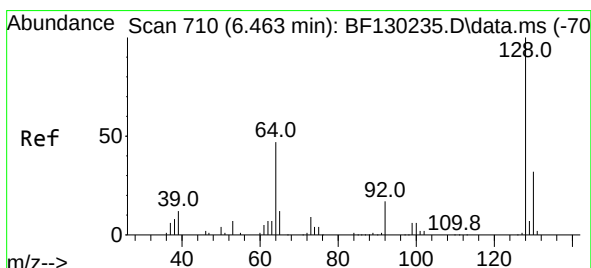
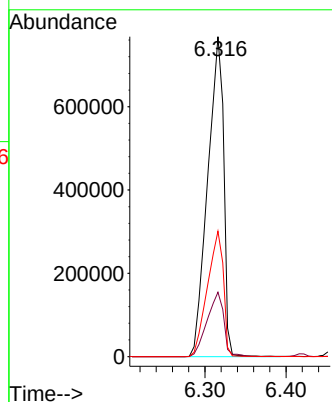
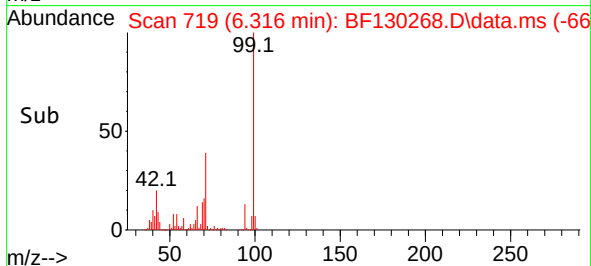
Instrument :
BNA_F
ClientSampleId :
PB147633BS



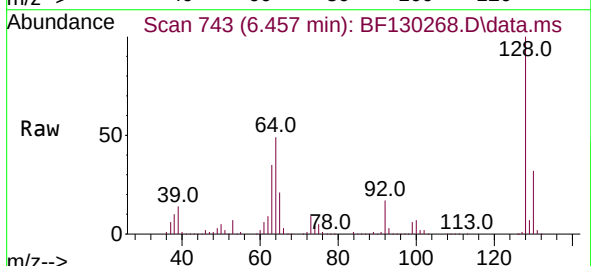
Tgt Ion: 99 Resp: 1052330
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 39.2 32.3 48.5

Manual Integrations
APPROVED

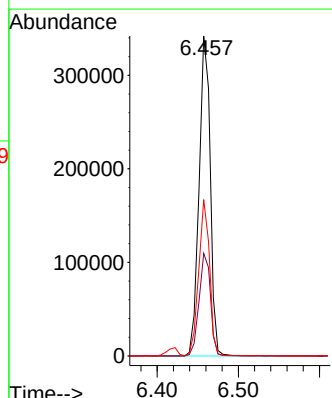
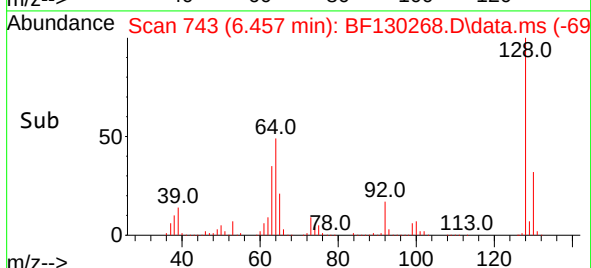
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

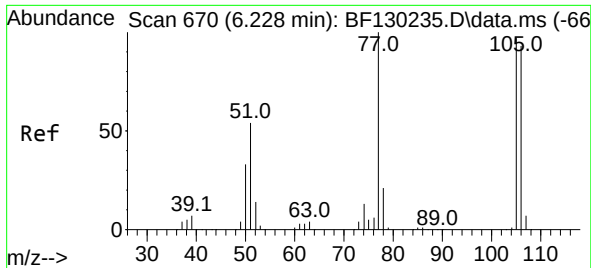


#8
2-Chlorophenol
Concen: 45.966 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



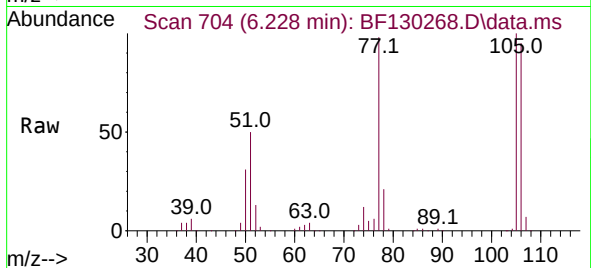
Tgt Ion:128 Resp: 326052
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 48.8 31.6 71.6





#9
Benzaldehyde
Concen: 40.055 ng
RT: 6.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

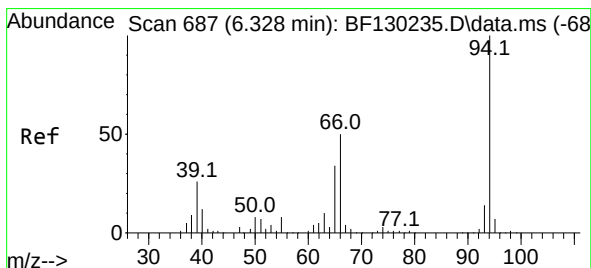
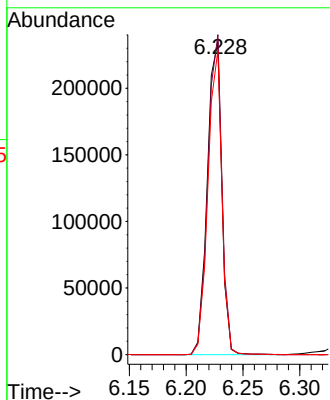
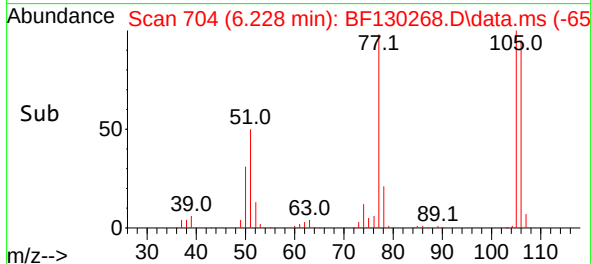
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion: 77 Resp: 209049
Ion Ratio Lower Upper
77 100
105 102.3 75.1 115.1
106 97.3 69.7 109.7

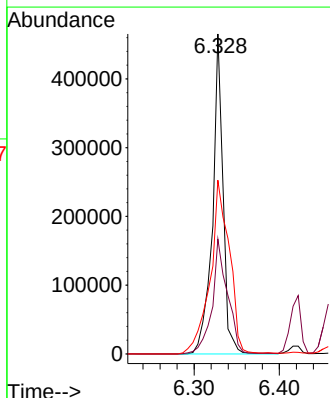
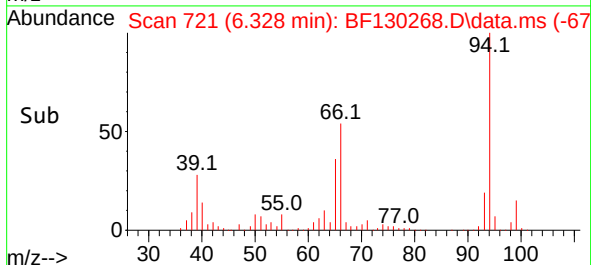
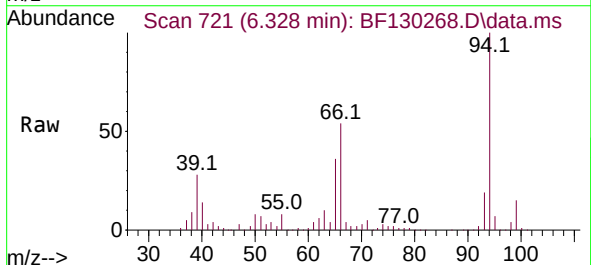
Manual Integrations
APPROVED

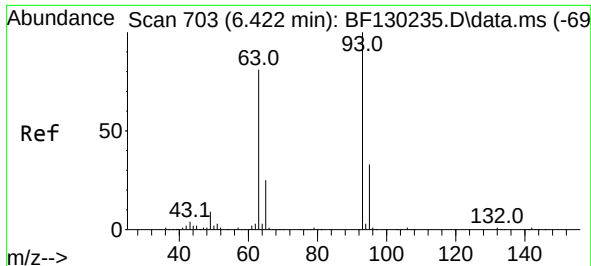
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#10
Phenol
Concen: 43.687 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

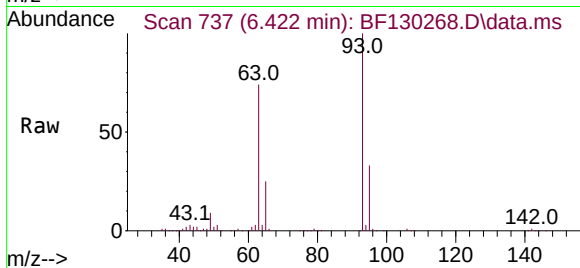
Tgt Ion: 94 Resp: 398896
Ion Ratio Lower Upper
94 100
65 35.9 14.1 54.1
66 54.3 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 44.734 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

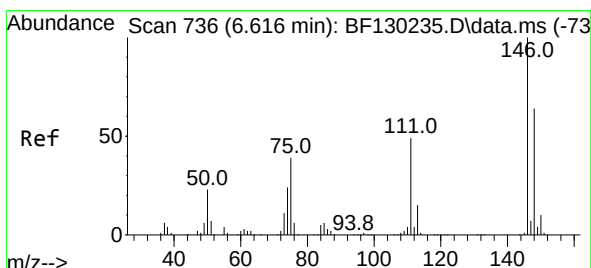
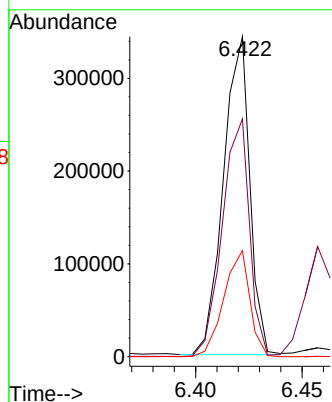
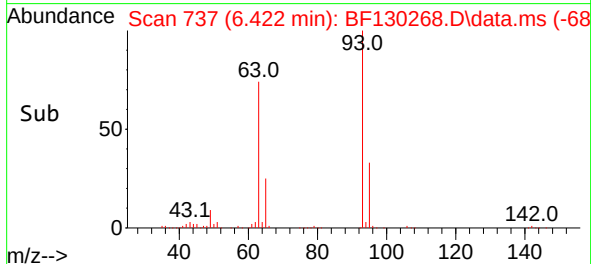
Instrument :
BNA_F
ClientSampleId :
PB147633BS



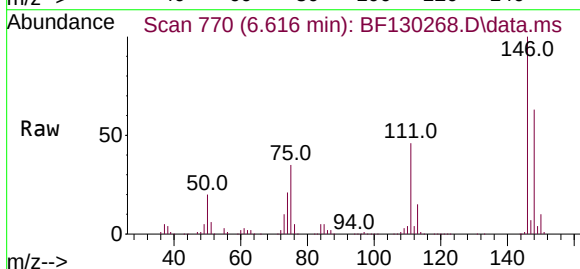
Tgt Ion: 93 Resp: 294614
Ion Ratio Lower Upper
93 100
63 74.3 62.5 102.5
95 33.1 12.5 52.5

Manual Integrations
APPROVED

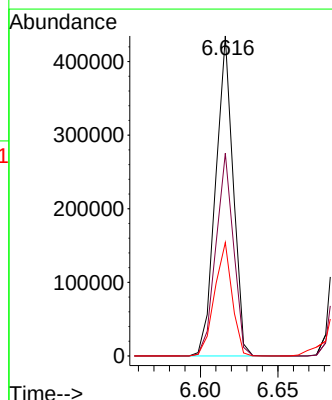
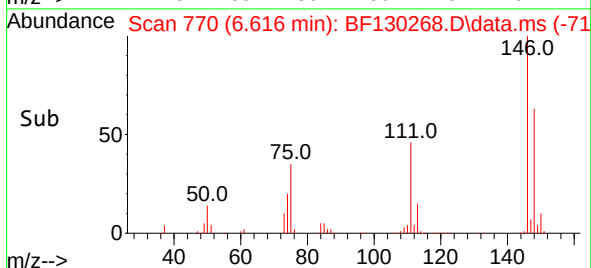
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

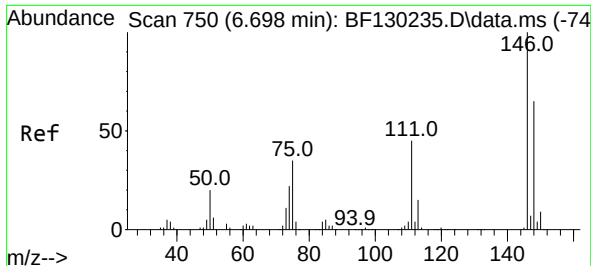


#12
1,3-Dichlorobenzene
Concen: 43.834 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion:146 Resp: 342127
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
75 35.4 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.888 ng

RT: 6.693 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

Tgt Ion:146 Resp: 349319

Ion Ratio Lower Upper

146 100

148 63.3 50.3 75.5

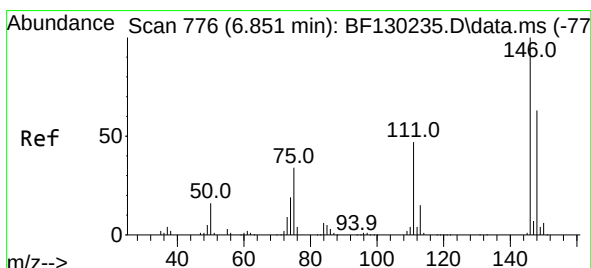
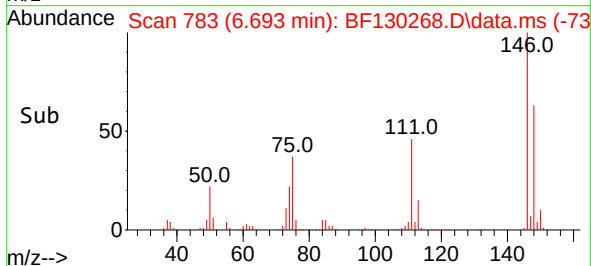
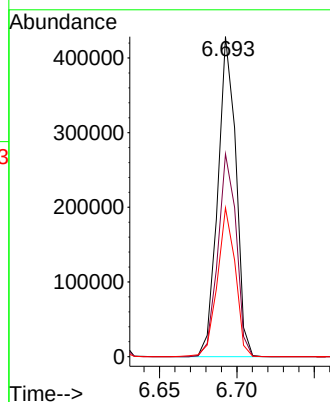
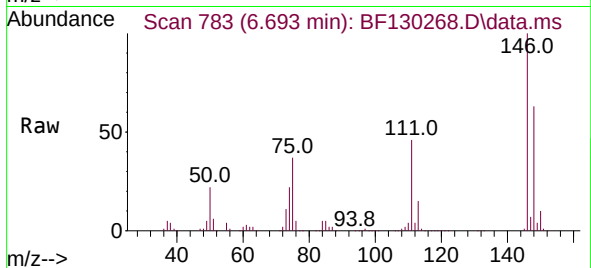
111 46.5 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#14

1,2-Dichlorobenzene

Concen: 44.617 ng

RT: 6.846 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

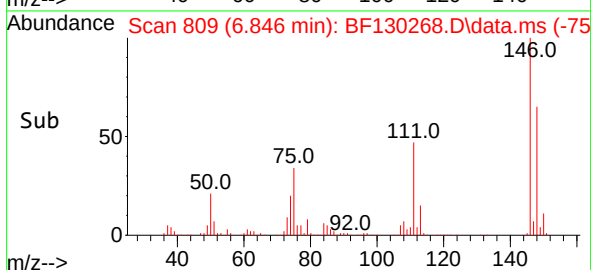
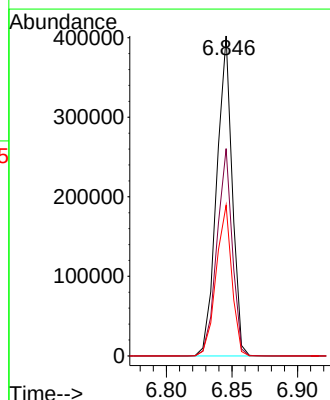
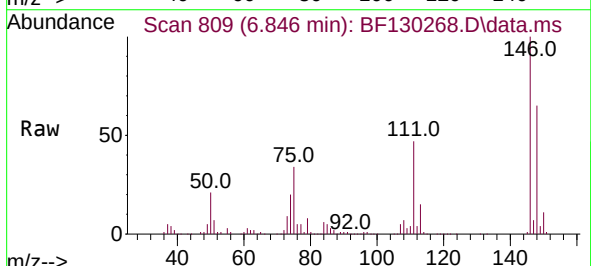
Tgt Ion:146 Resp: 331741

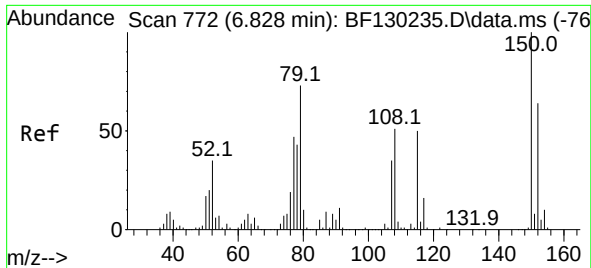
Ion Ratio Lower Upper

146 100

148 64.8 51.6 77.4

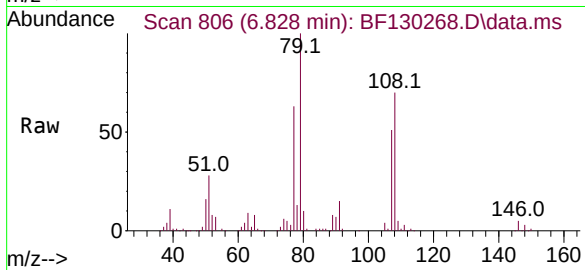
111 47.1 39.2 58.8





#15
Benzyl Alcohol
Concen: 42.753 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

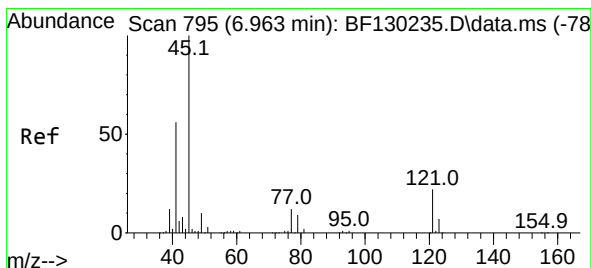
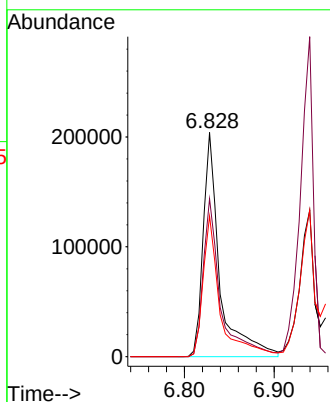
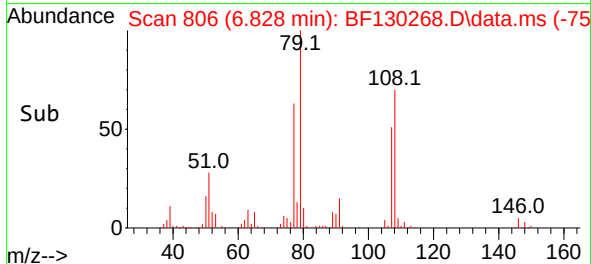
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion: 79 Resp: 264105
Ion Ratio Lower Upper
79 100
108 70.5 54.0 81.0
77 62.8 51.3 76.9

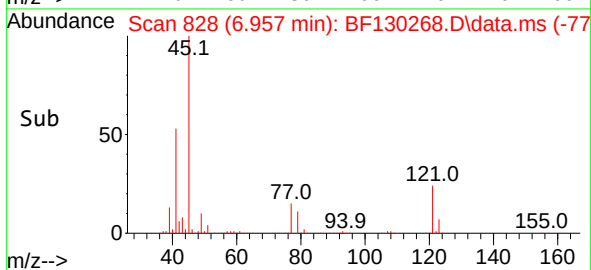
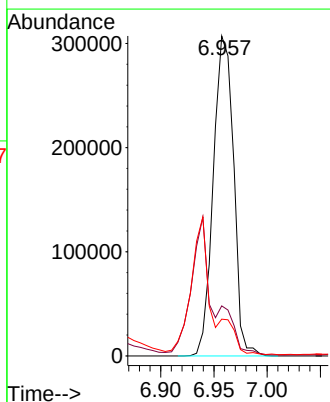
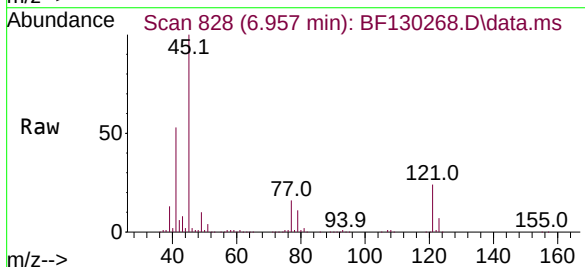
Manual Integrations
APPROVED

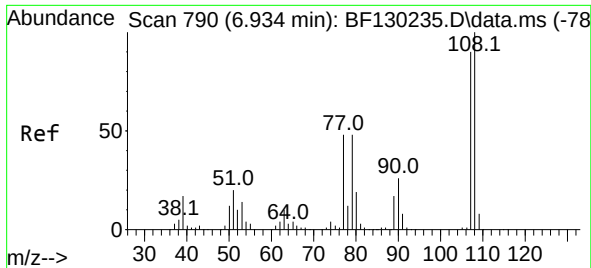
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.487 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

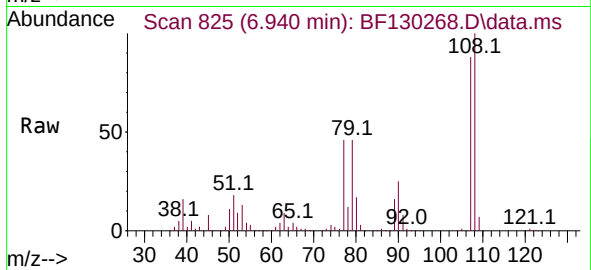
Tgt Ion: 45 Resp: 408114
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.9
79 11.5 0.0 31.0





#17
2-Methylphenol
Concen: 44.386 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

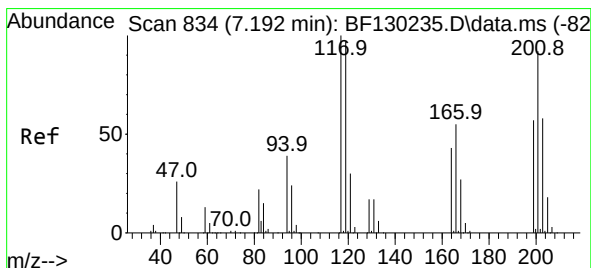
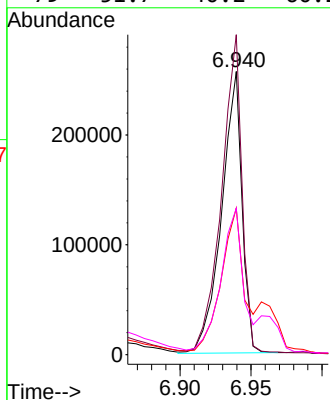
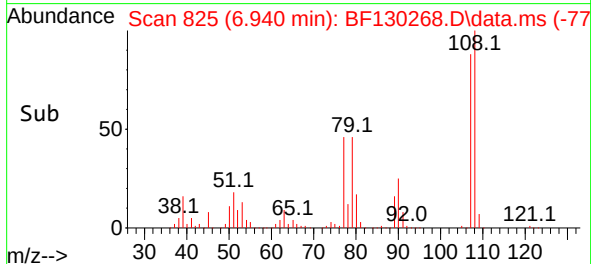
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion:	107	Resp:	25594
Ion Ratio	Lower	Upper	
107	100		
108	113.0	89.4	134.0
77	51.7	40.6	60.8
79	51.7	40.2	60.2

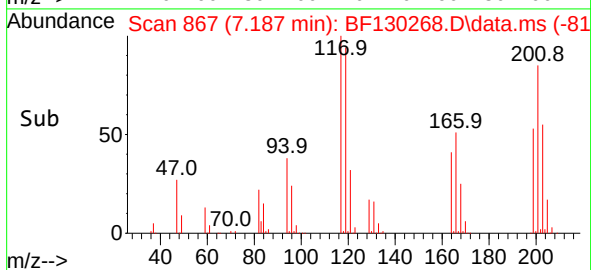
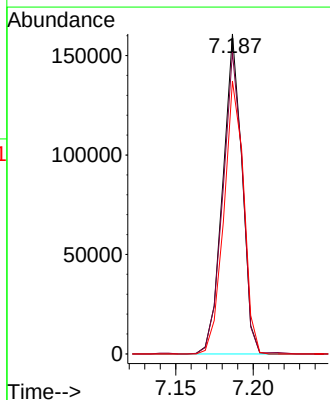
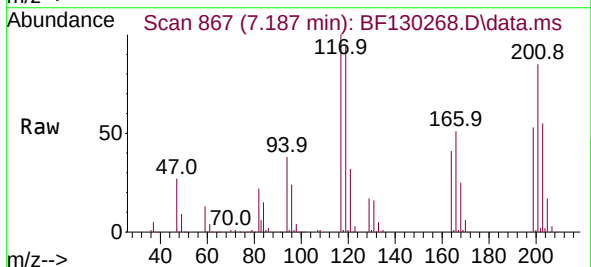
Manual Integrations
APPROVED

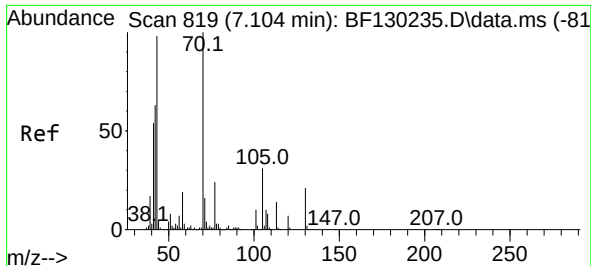
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#18
Hexachloroethane
Concen: 44.156 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:	117	Resp:	138535
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.8	116.6
201	85.3	68.7	103.1





#19

n-Nitroso-di-n-propylamine

Concen: 44.075 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

Tgt Ion: 70 Resp: 231723

Ion Ratio Lower Upper

70 100

42 60.2 50.8 76.2

101 10.0 8.2 12.4

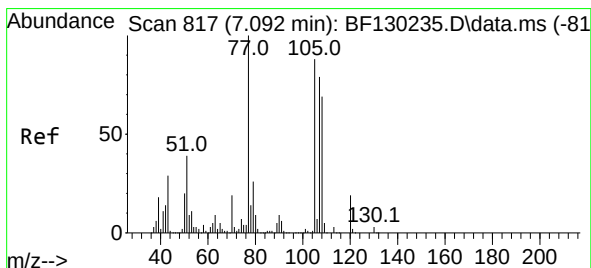
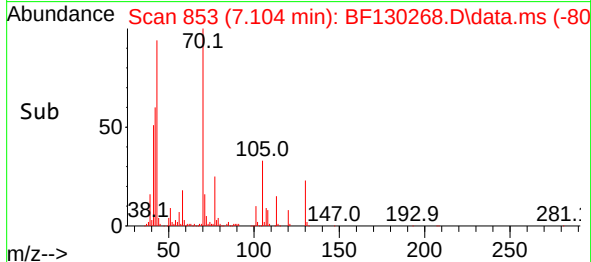
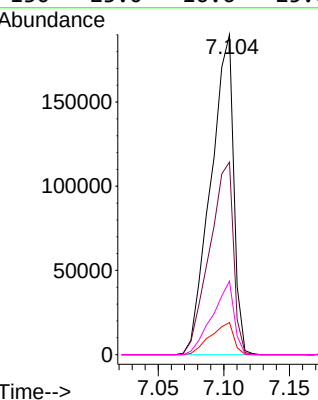
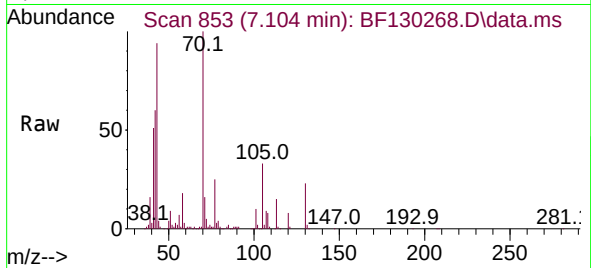
130 23.0 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#20

3+4-Methylphenols

Concen: 43.916 ng

RT: 7.093 min Scan# 851

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:107 Resp: 328960

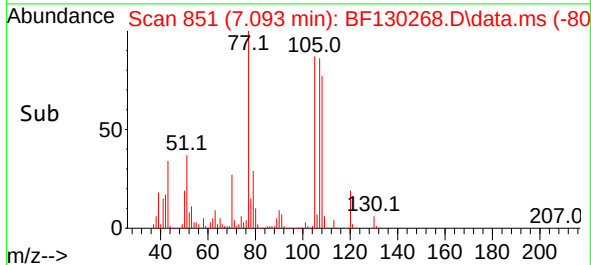
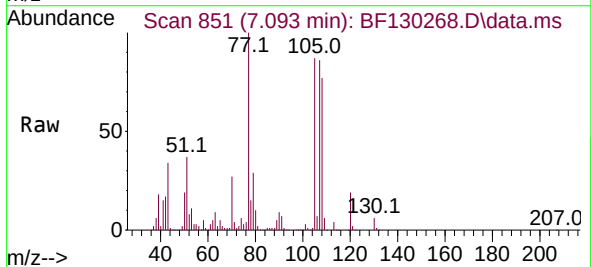
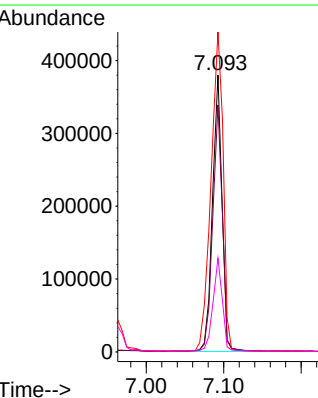
Ion Ratio Lower Upper

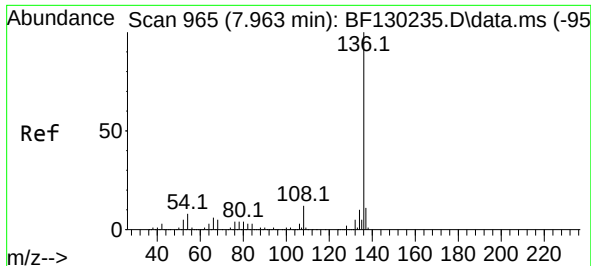
107 100

108 89.2 74.8 114.8

77 115.6 125.8 165.8#

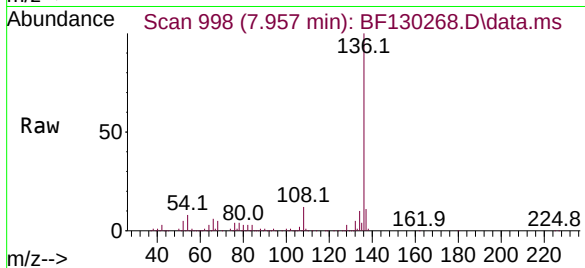
79 33.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

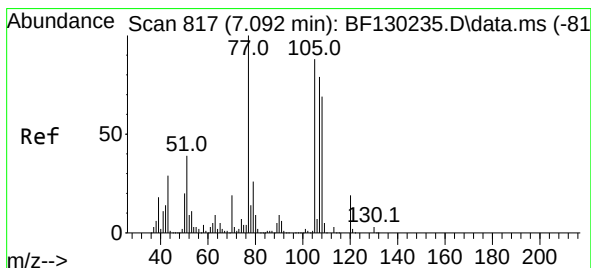
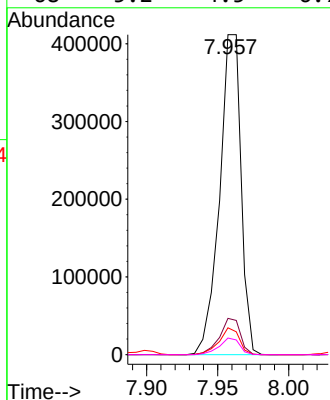
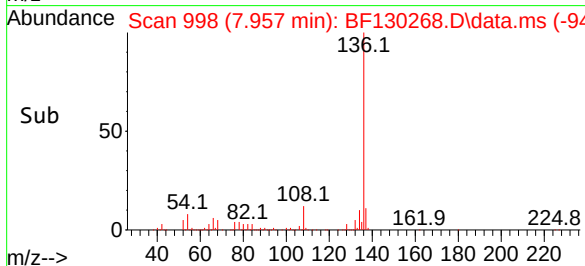
Instrument :
BNA_F
ClientSampleId :
PB147633BS



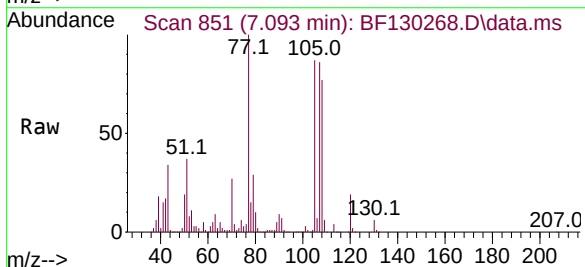
Tgt Ion:136 Resp: 434960
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.4 7.1 10.7
68 5.2 4.5 6.7

Manual Integrations
APPROVED

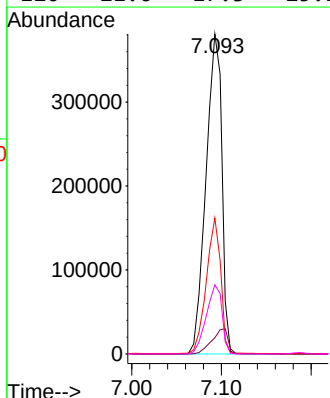
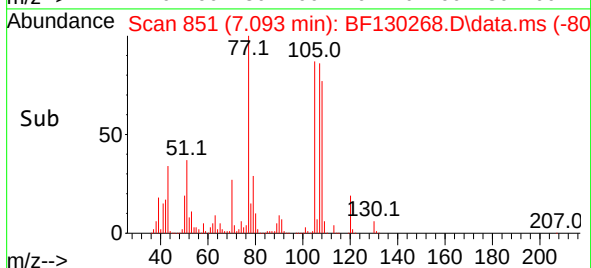
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

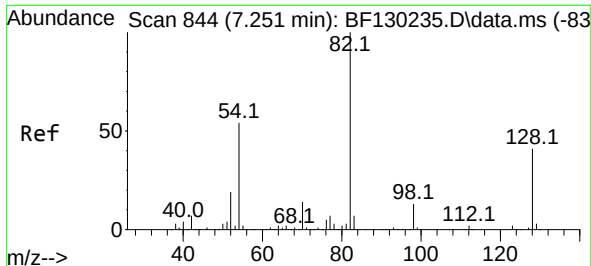


#22
Acetophenone
Concen: 44.160 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion:105 Resp: 469605
Ion Ratio Lower Upper
105 100
71 5.0 3.9 5.9
51 42.5 32.2 48.2
120 21.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.042 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

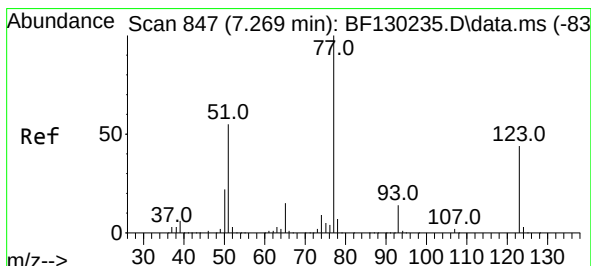
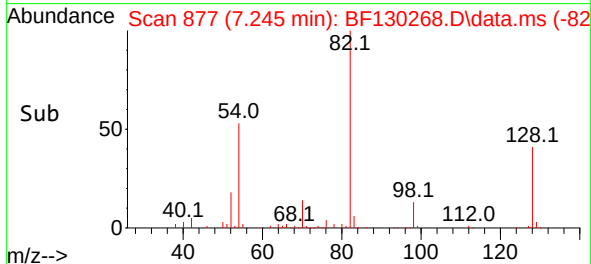
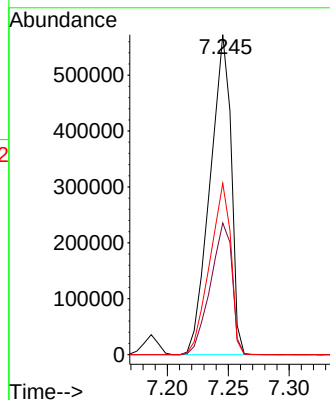
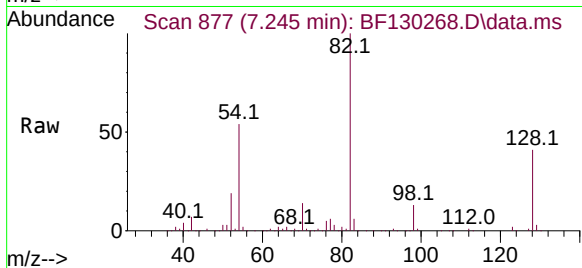
PB147633BS

Tgt Ion: 82 Resp: 689979
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.6 49.0
 54 53.5 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#24

Nitrobenzene

Concen: 40.817 ng

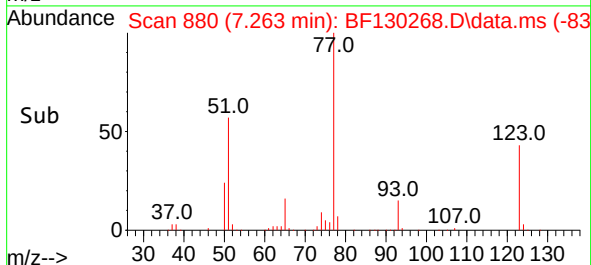
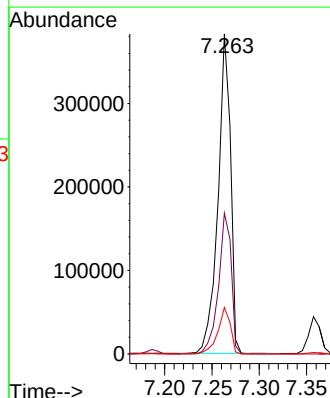
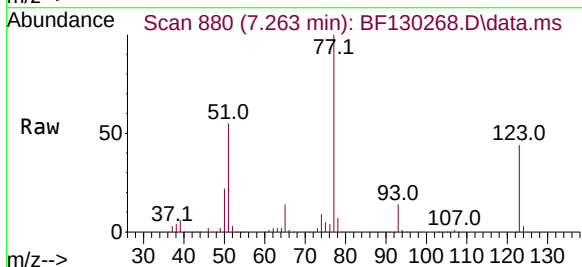
RT: 7.263 min Scan# 880

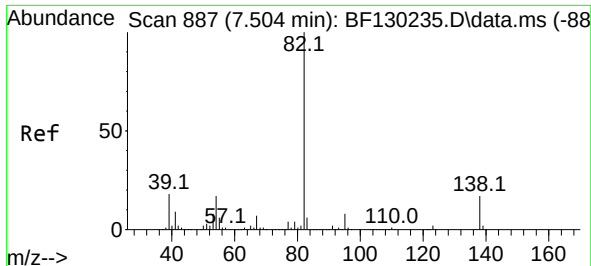
Delta R.T. -0.006 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

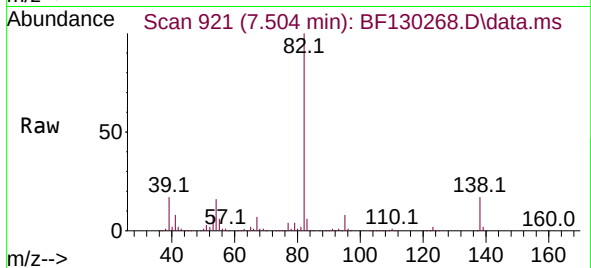
Tgt Ion: 77 Resp: 352863
 Ion Ratio Lower Upper
 77 100
 123 44.0 34.3 51.5
 65 14.5 12.0 18.0





#25
Isophorone
Concen: 45.659 ng
RT: 7.504 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

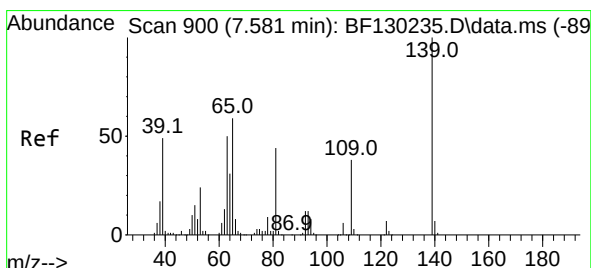
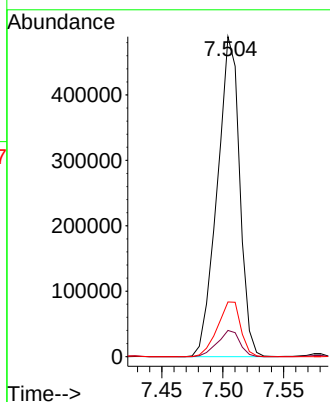
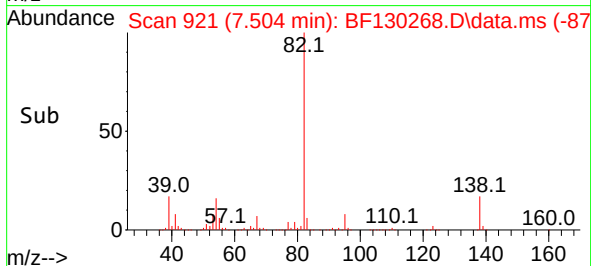
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion: 82 Resp: 626548
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.1 13.8 20.6

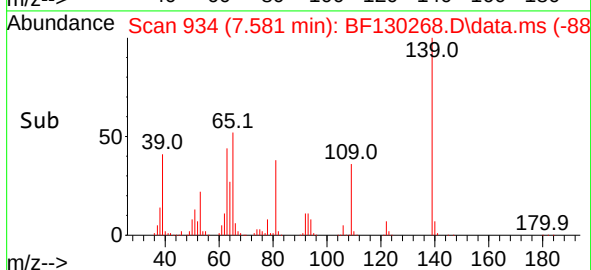
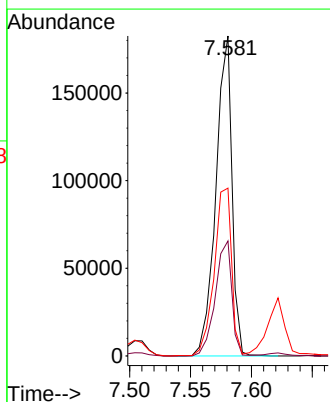
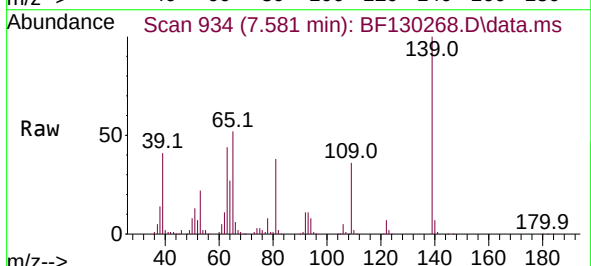
Manual Integrations
APPROVED

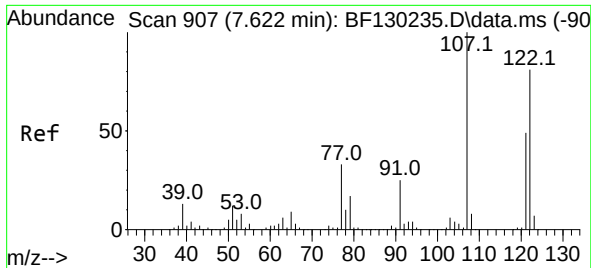
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#26
2-Nitrophenol
Concen: 47.300 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:139 Resp: 167624
Ion Ratio Lower Upper
139 100
109 35.9 30.2 45.4
65 52.4 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 53.624 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

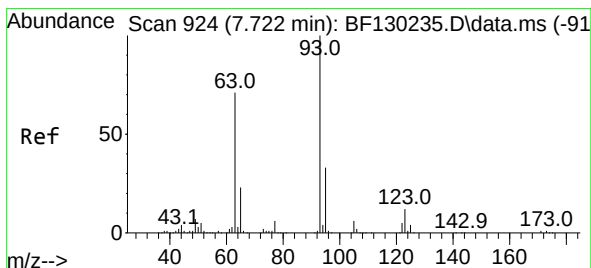
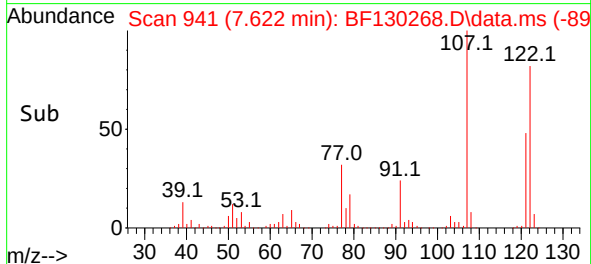
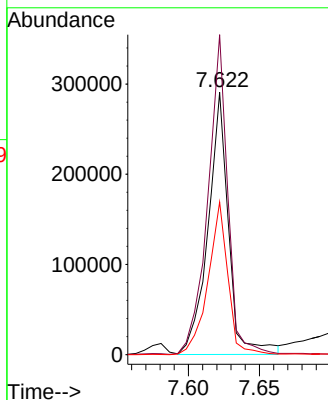
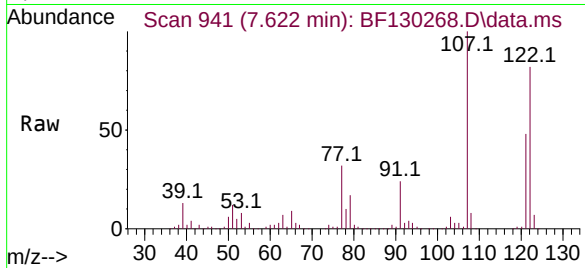
Tgt Ion:122 Resp: 292602
 Ion Ratio Lower Upper
 122 100
 107 121.9 100.2 150.2
 121 58.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.034 ng

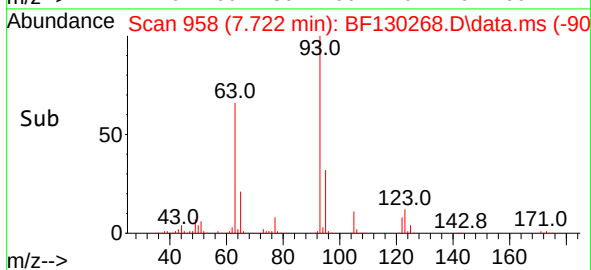
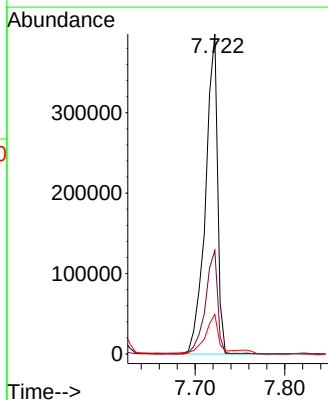
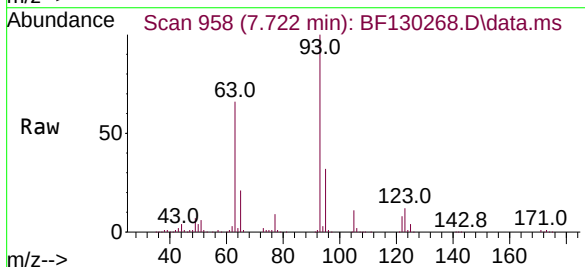
RT: 7.722 min Scan# 958

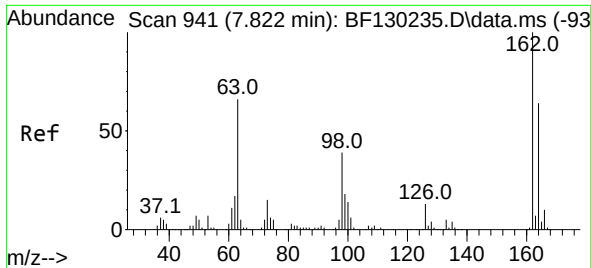
Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion: 93 Resp: 371150
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 12.3 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.613 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

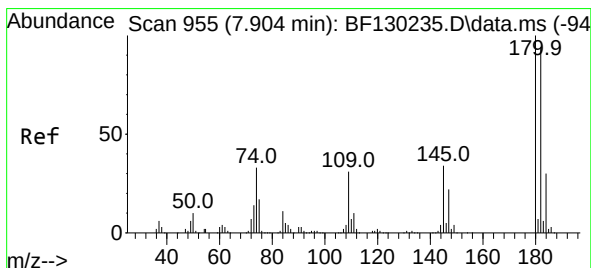
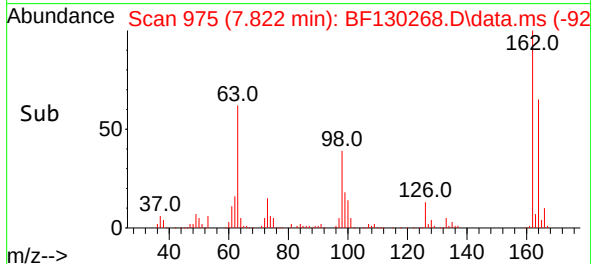
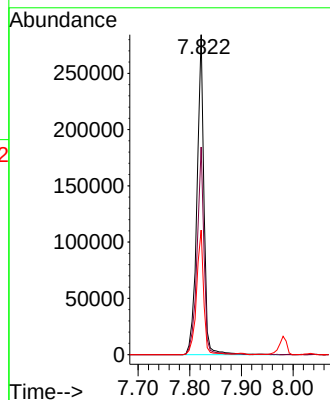
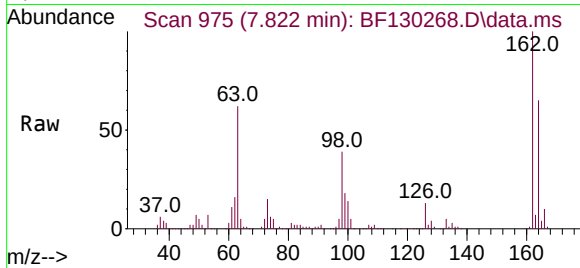
Tgt Ion:162	Resp: 266764
Ion Ratio	Lower Upper
162 100	
164 64.9	42.2 82.2
98 38.9	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.204 ng

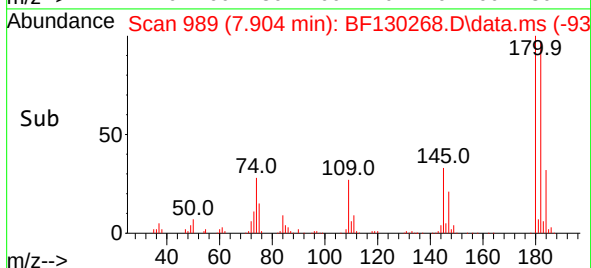
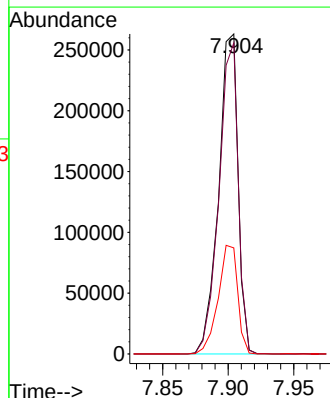
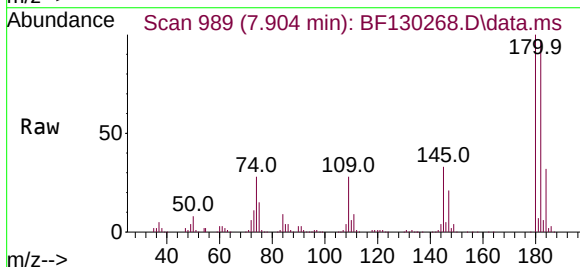
RT: 7.904 min Scan# 989

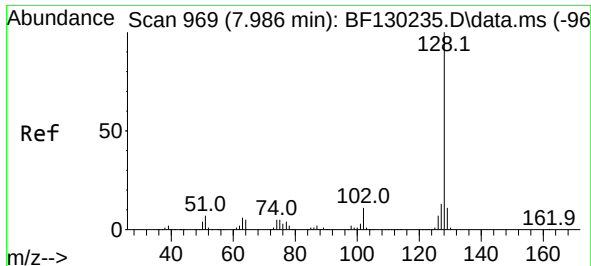
Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

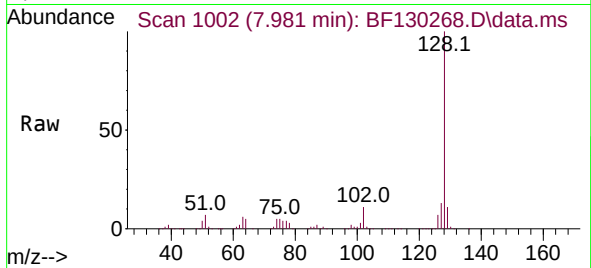
Tgt Ion:180	Resp: 272840
Ion Ratio	Lower Upper
180 100	
182 97.2	73.3 109.9
145 33.1	28.3 42.5





#31
Naphthalene
Concen: 41.824 ng
RT: 7.981 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

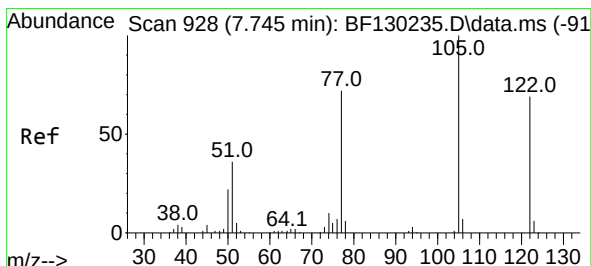
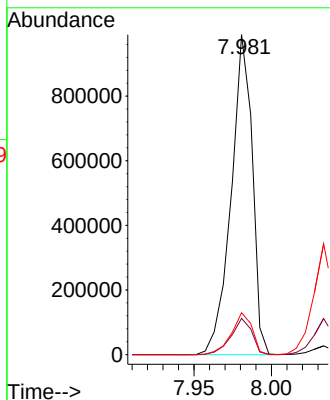
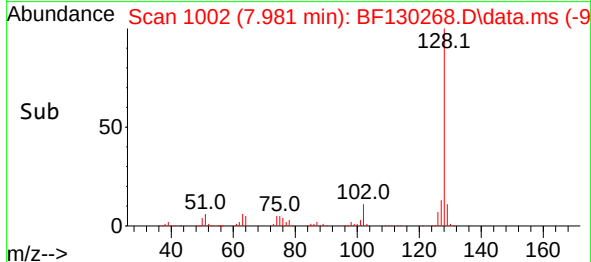
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion:128 Resp: 93722
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.6 16.0

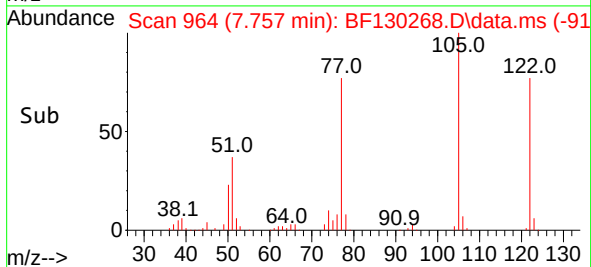
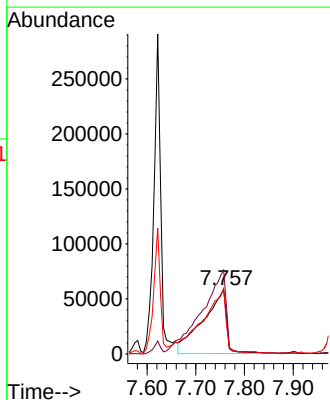
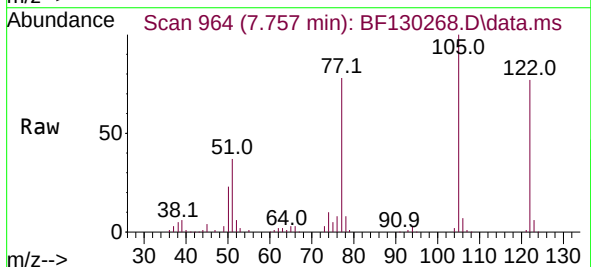
Manual Integrations
APPROVED

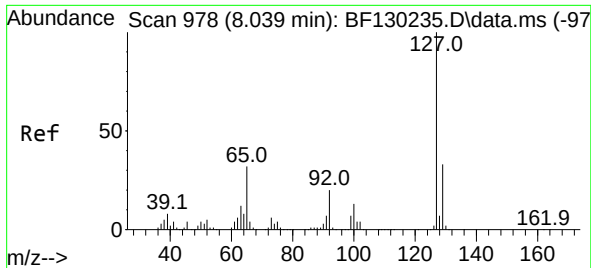
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#32
Benzoic acid
Concen: 46.256 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.012 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:122 Resp: 195187
Ion Ratio Lower Upper
122 100
105 130.5 112.9 152.9
77 101.9 82.8 122.8





#33
4-Chloroaniline
Concen: 36.208 ng
RT: 8.034 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

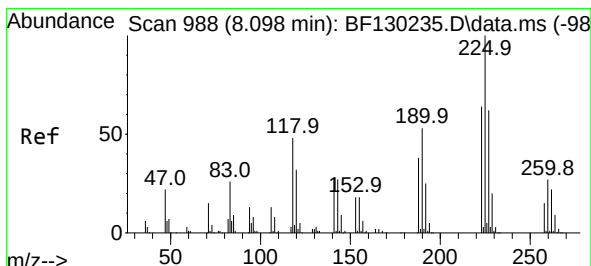
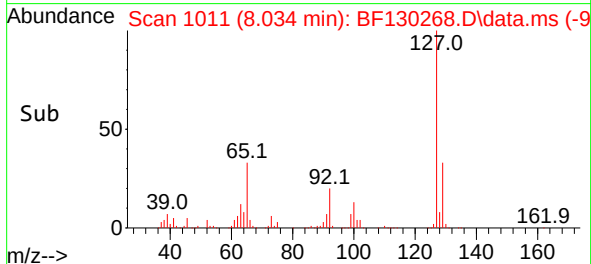
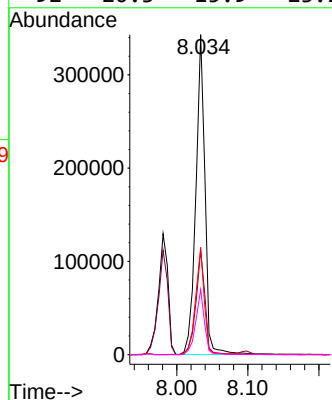
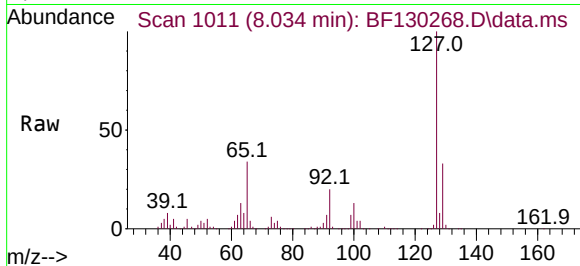
PB147633BS

Tgt Ion:127 Resp: 30858
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4
65 33.5 27.0 40.6
92 20.3 15.9 23.9

Manual Integrations

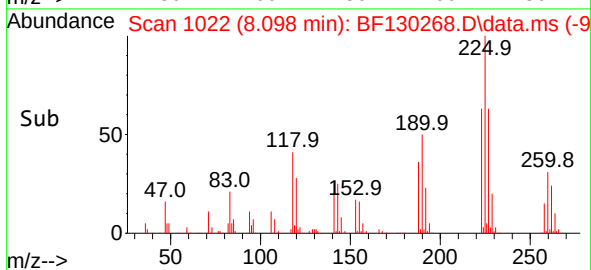
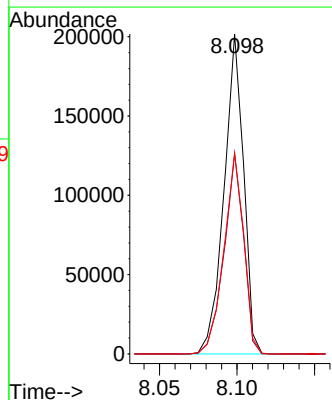
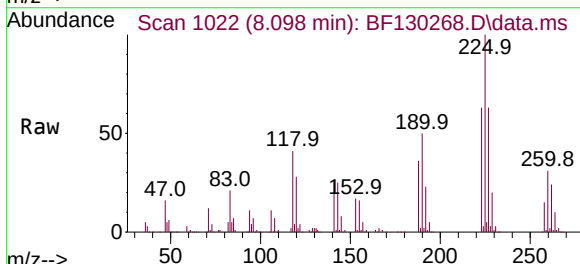
APPROVED

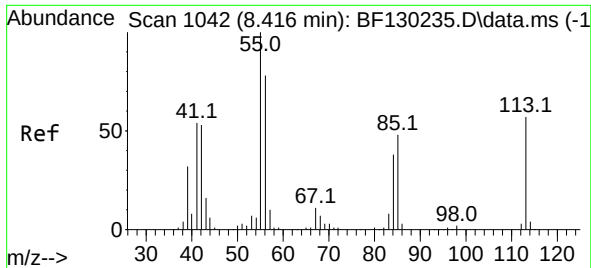
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#34
Hexachlorobutadiene
Concen: 42.913 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:225 Resp: 177300
Ion Ratio Lower Upper
225 100
223 62.6 50.3 75.5
227 62.7 51.1 76.7





#35
 Caprolactam
 Concen: 50.010 ng m
 RT: 8.410 min Scan# 1094
 Delta R.T. -0.006 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

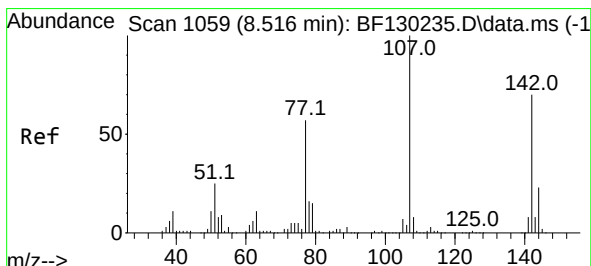
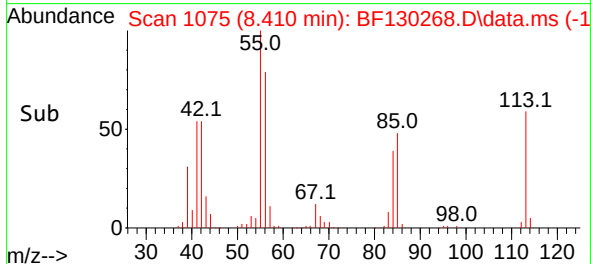
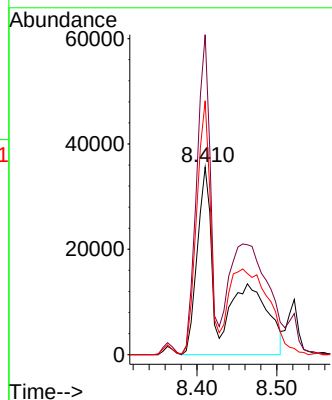
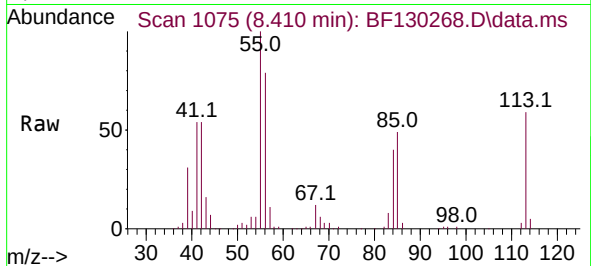
ClientSampleId :

PB147633BS

Tgt Ion:113 Resp: 85728
 Ion Ratio Lower Upper
 113 100
 55 170.8 155.4 195.4
 56 135.4 120.4 160.4

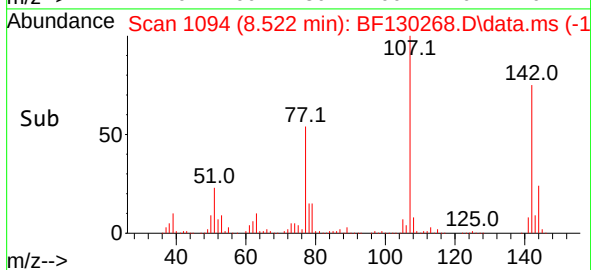
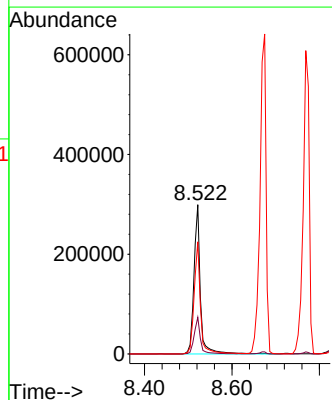
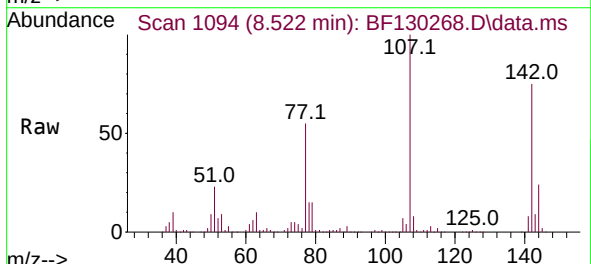
Manual Integrations
 APPROVED

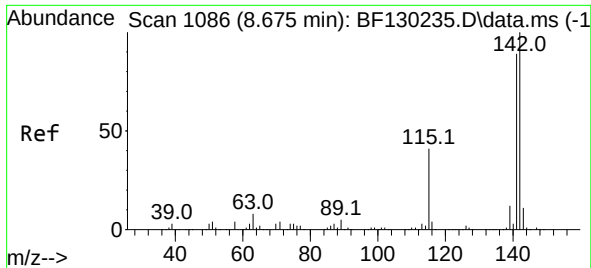
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.860 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

Tgt Ion:107 Resp: 303953
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 75.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.284 ng

RT: 8.675 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

Tgt Ion:142 Resp: 61842

Ion Ratio Lower Upper

142 100

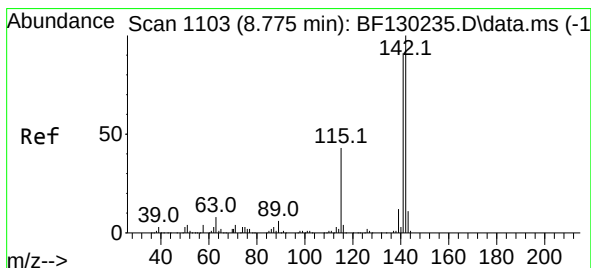
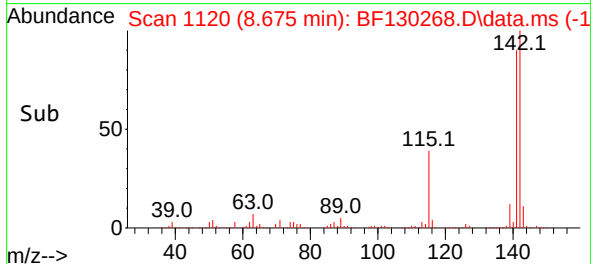
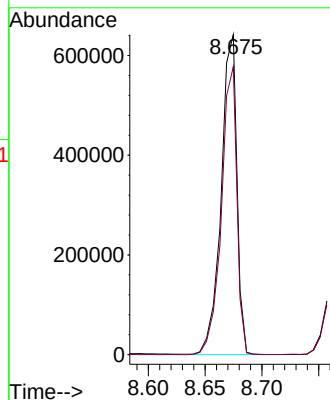
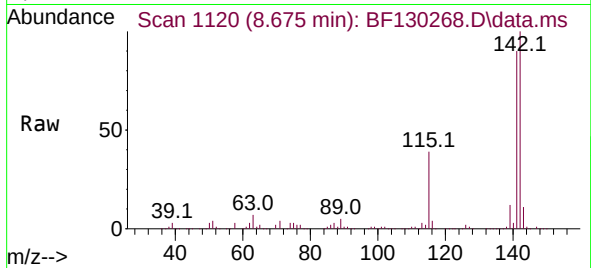
141 90.0 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#38

1-Methylnaphthalene

Concen: 42.475 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130268.D

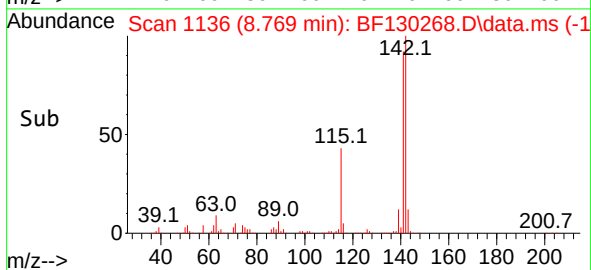
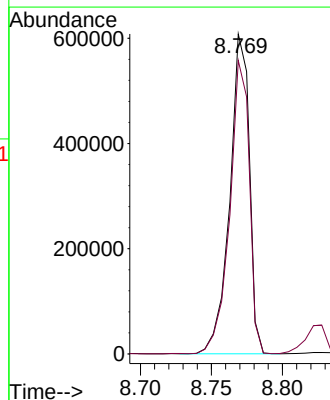
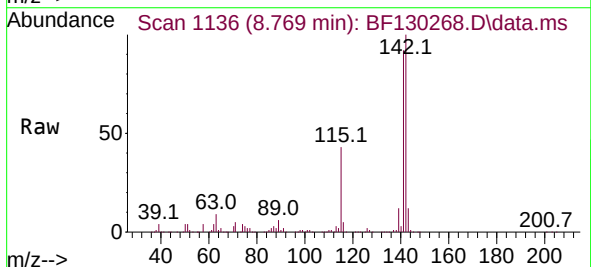
Acq: 15 Sep 2022 13:22

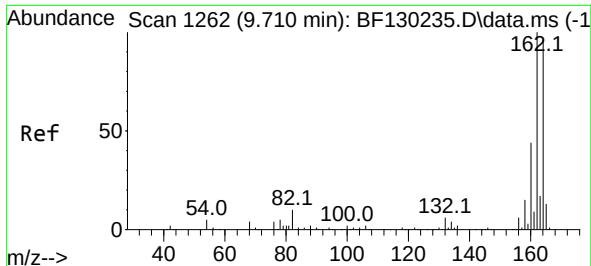
Tgt Ion:142 Resp: 582981

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.710 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130268.D

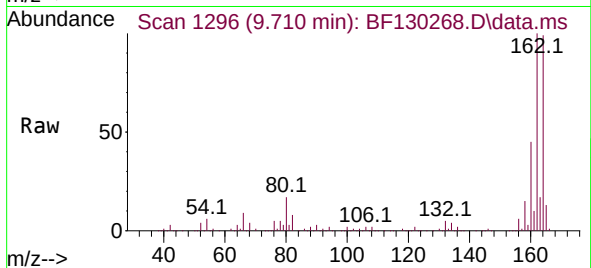
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS



Tgt Ion:164 Resp: 23517

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

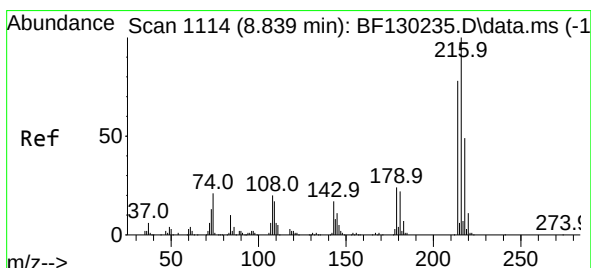
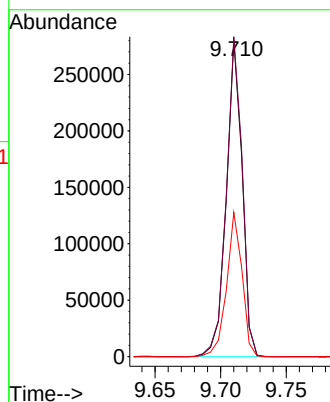
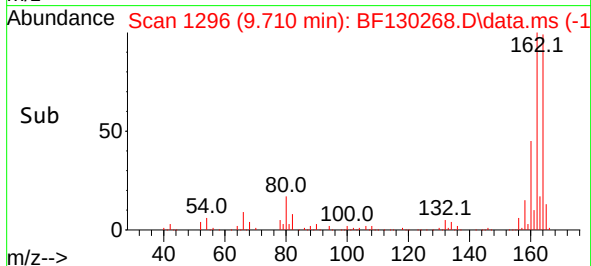
160 45.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.916 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:216 Resp: 281860

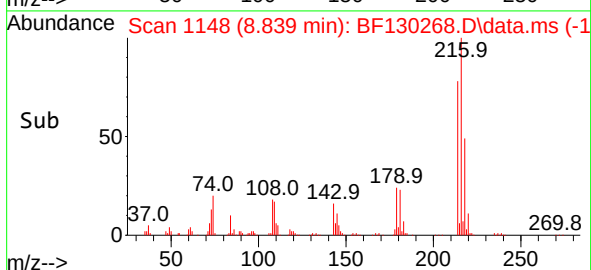
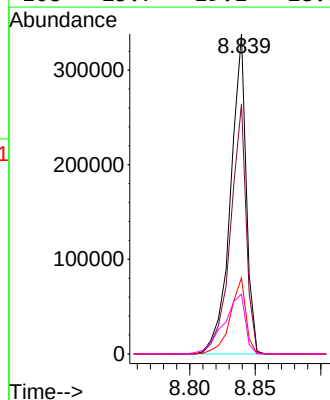
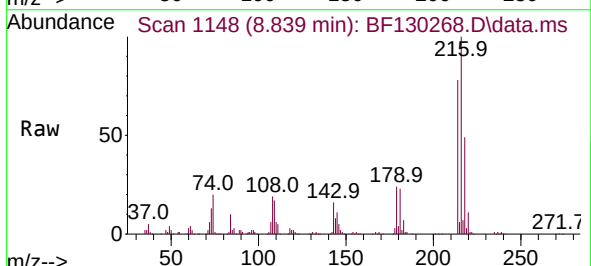
Ion Ratio Lower Upper

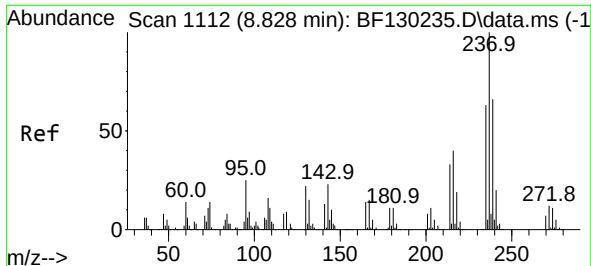
216 100

214 78.2 62.8 94.2

179 23.5 19.5 29.3

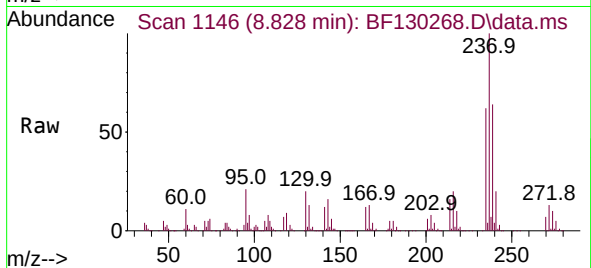
108 25.7 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 116.769 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

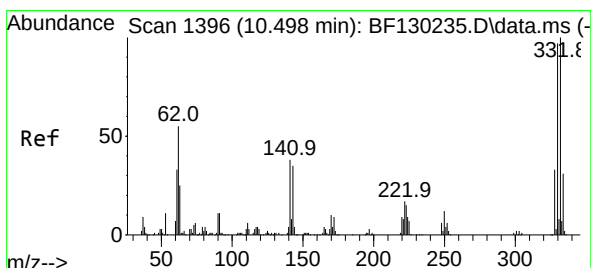
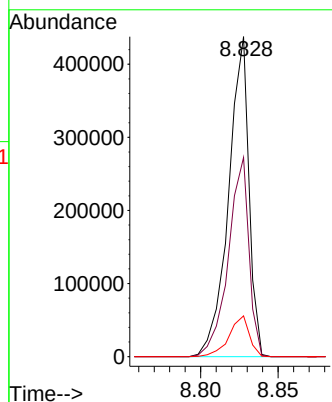
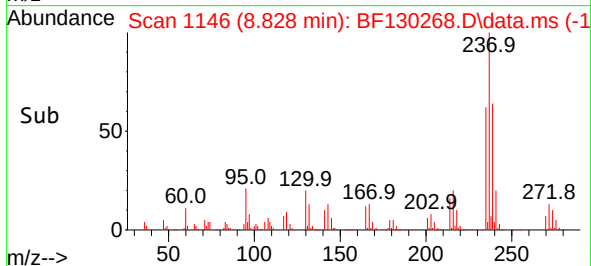
Instrument :
BNA_F
ClientSampleId :
PB147633BS



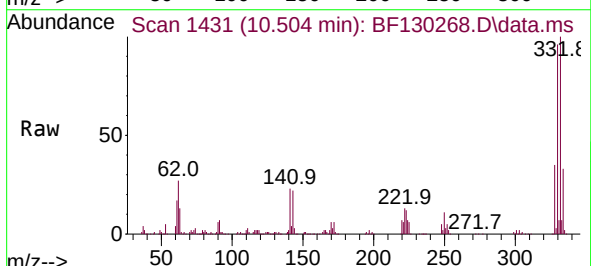
Tgt Ion:237 Resp: 401239
Ion Ratio Lower Upper
237 100
235 62.2 42.5 82.5
272 12.7 0.0 32.8

Manual Integrations
APPROVED

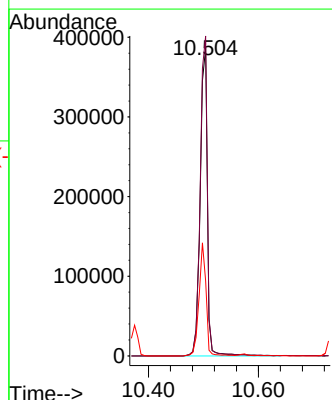
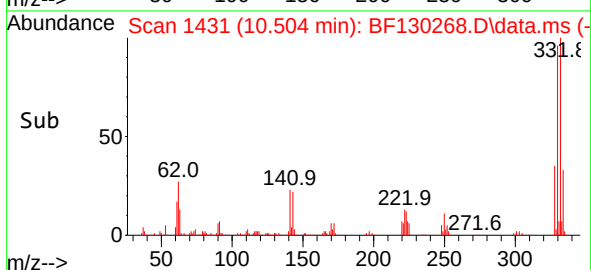
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

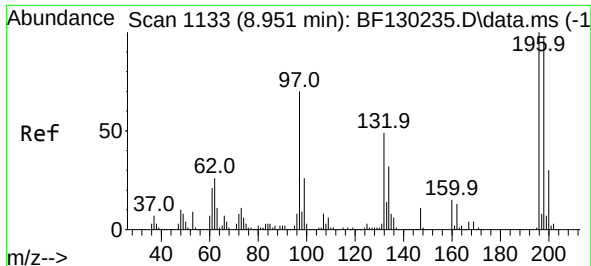


#42
2,4,6-Tribromophenol
Concen: 155.770 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion:330 Resp: 351018
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 36.1 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 42.852 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

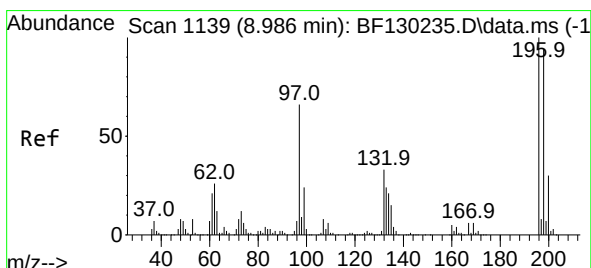
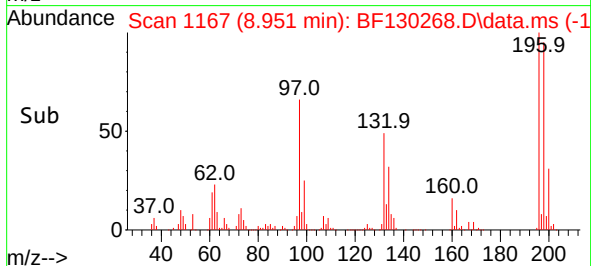
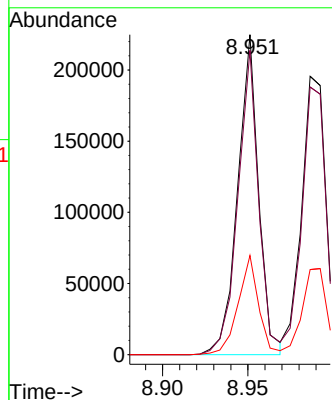
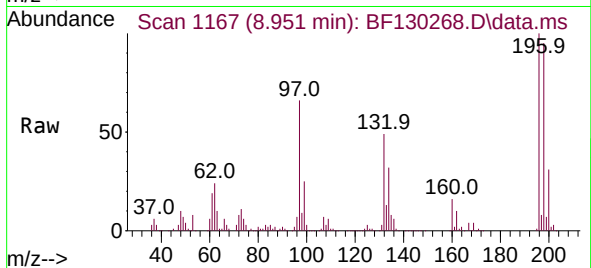
Tgt Ion:	196	Resp:	191944
Ion Ratio	Lower	Upper	
196	100		
198	95.1	72.4	108.6
200	31.0	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#44

2,4,5-Trichlorophenol

Concen: 42.343 ng

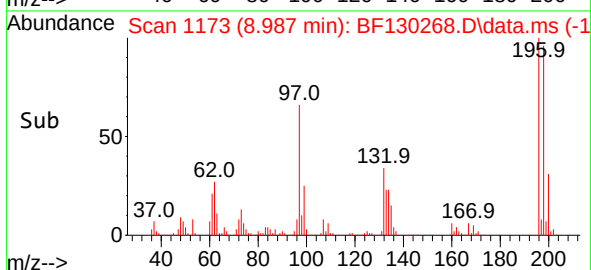
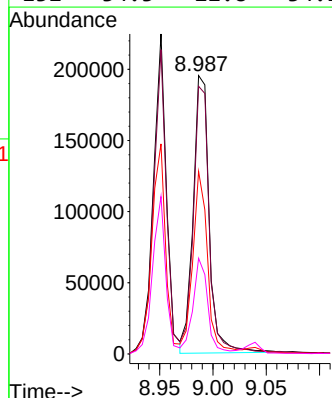
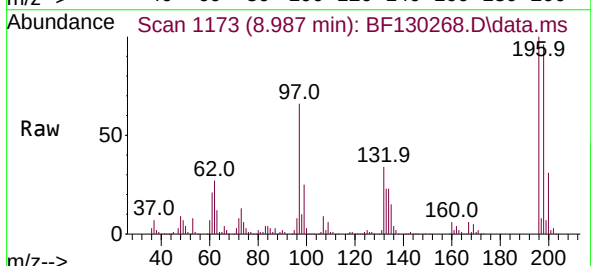
RT: 8.987 min Scan# 1173

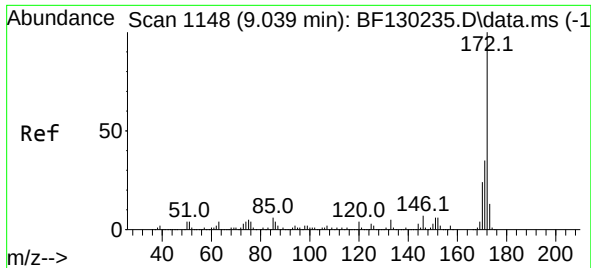
Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

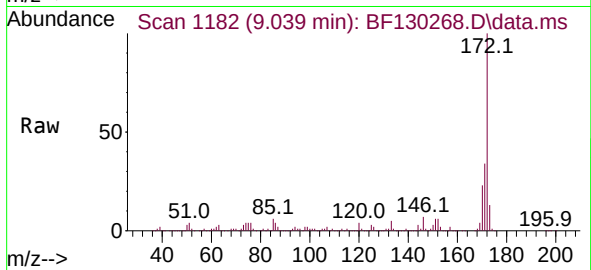
Tgt Ion:	196	Resp:	204669
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.8	112.2
97	65.6	43.7	65.5#
132	34.3	22.8	34.2#





#45
2-Fluorobiphenyl
Concen: 81.129 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

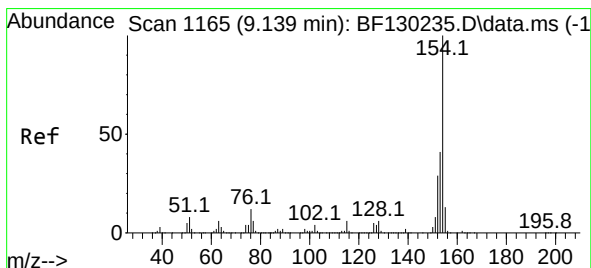
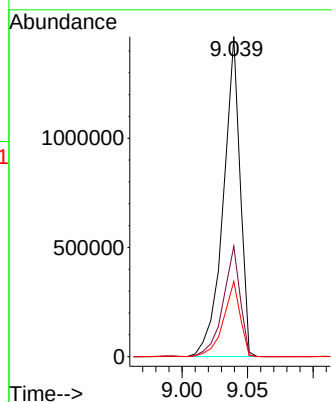
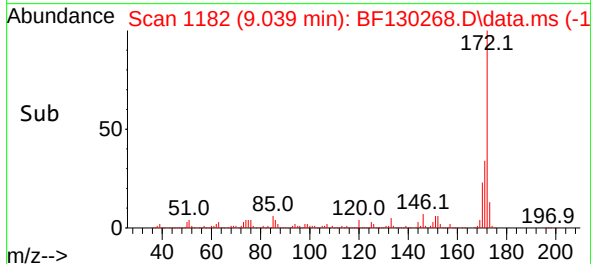
Instrument :
BNA_F
ClientSampleId :
PB147633BS



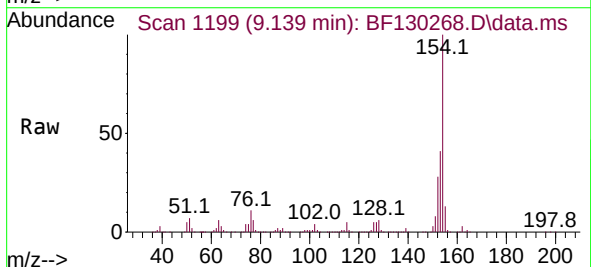
Tgt Ion:172 Resp: 1310243
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.5 18.7 28.1

Manual Integrations
APPROVED

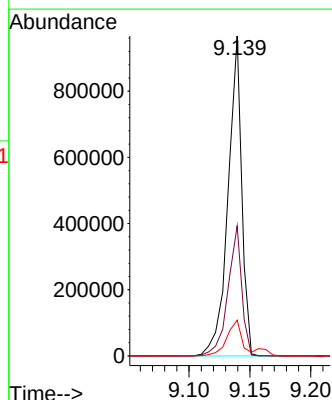
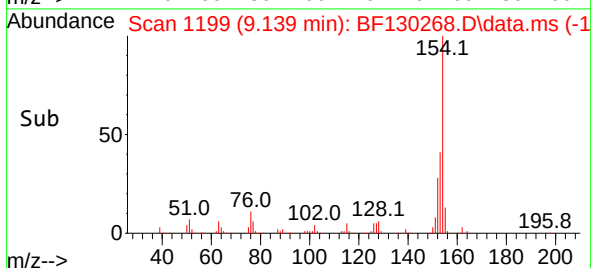
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

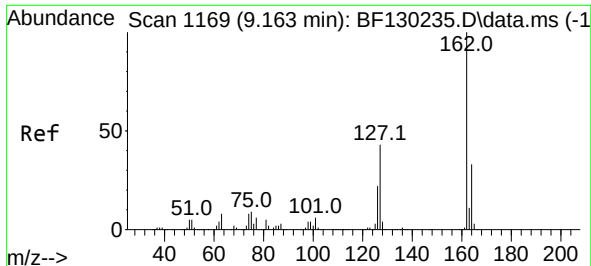


#46
1,1'-Biphenyl
Concen: 43.193 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion:154 Resp: 758638
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 11.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.649 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

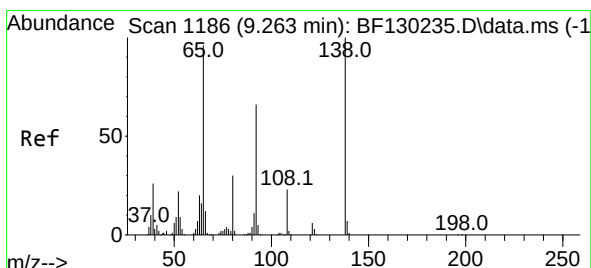
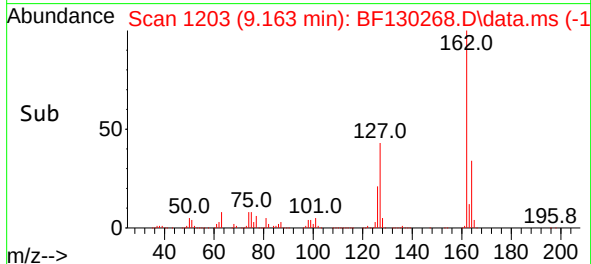
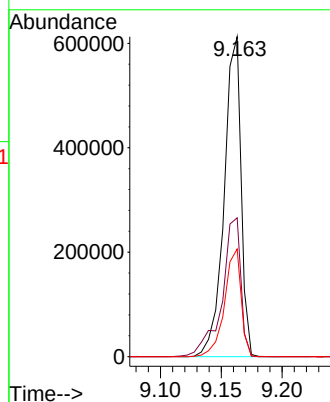
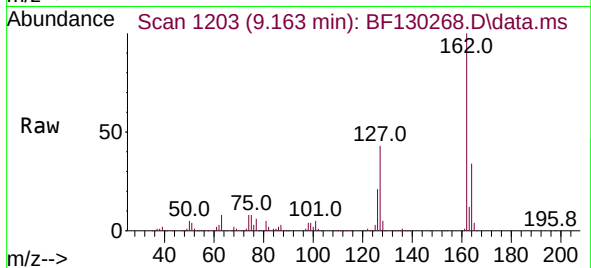
PB147633BS

Tgt Ion:162 Resp: 591758
 Ion Ratio Lower Upper
 162 100
 127 43.4 35.9 53.9
 164 33.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#48

2-Nitroaniline

Concen: 42.149 ng

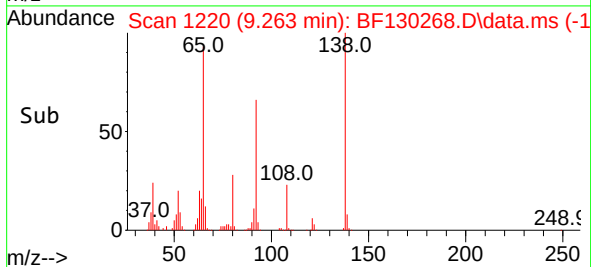
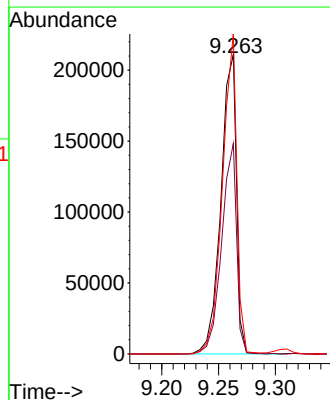
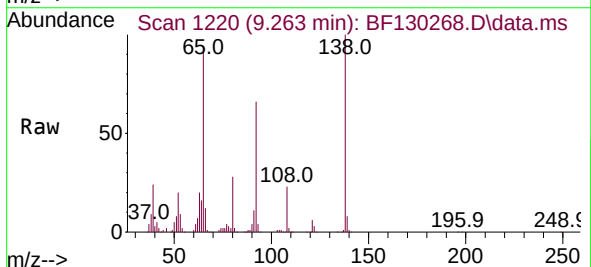
RT: 9.263 min Scan# 1220

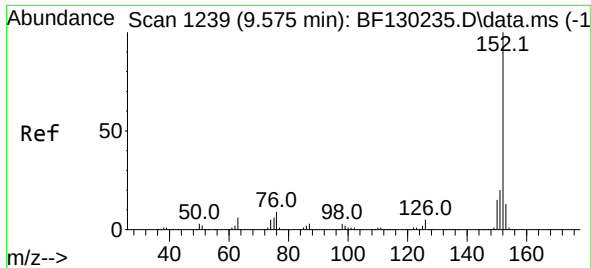
Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion: 65 Resp: 199741
 Ion Ratio Lower Upper
 65 100
 92 70.3 52.2 78.4
 138 106.9 77.0 115.4





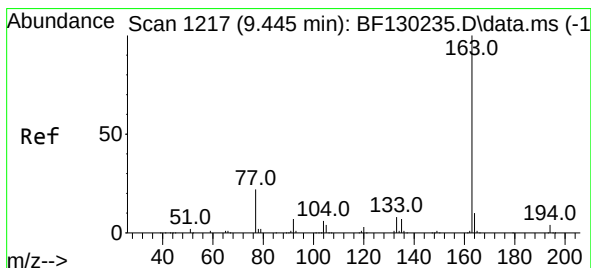
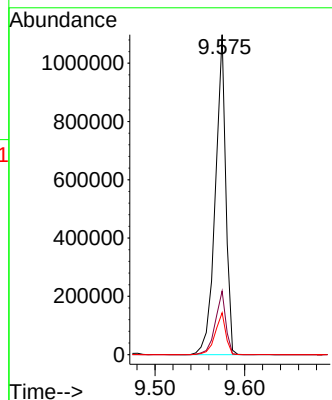
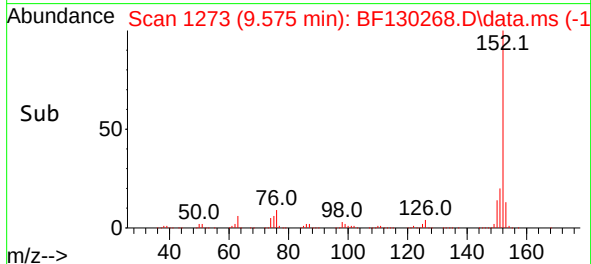
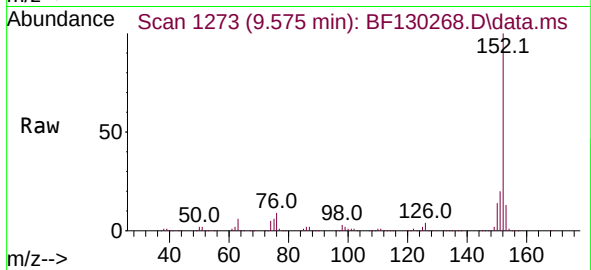
#49
Acenaphthylene
Concen: 42.019 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB147633BS

Tgt Ion:152 Resp: 895137
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.1 10.6 15.8

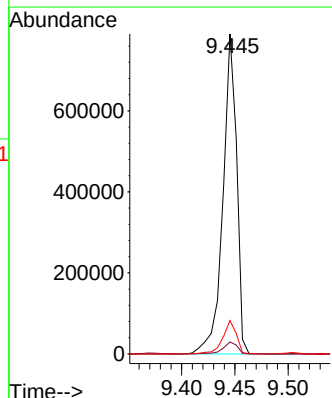
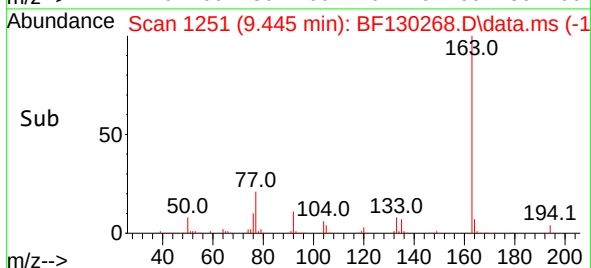
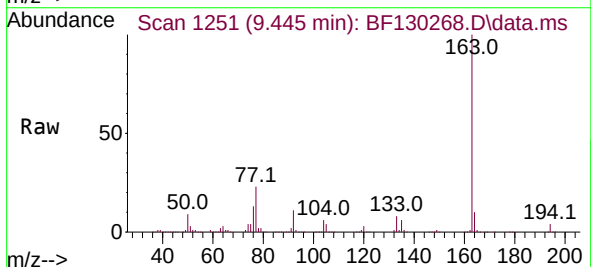
Manual Integrations
APPROVED

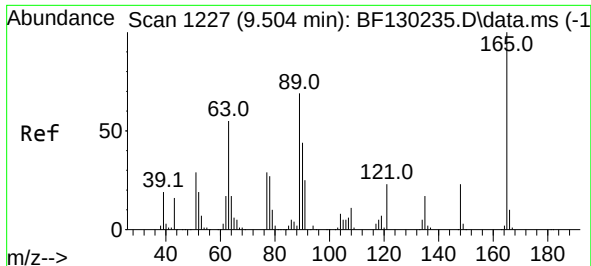
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#50
Dimethylphthalate
Concen: 43.611 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:163 Resp: 708461
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.081 ng

RT: 9.504 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB147633BS

Tgt Ion:165 Resp: 156558

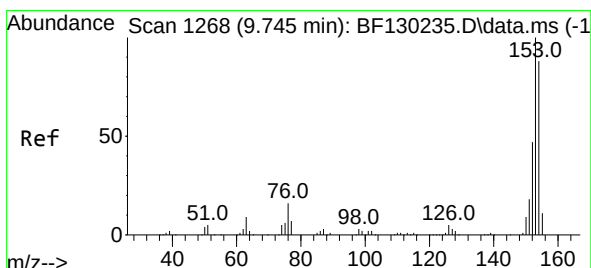
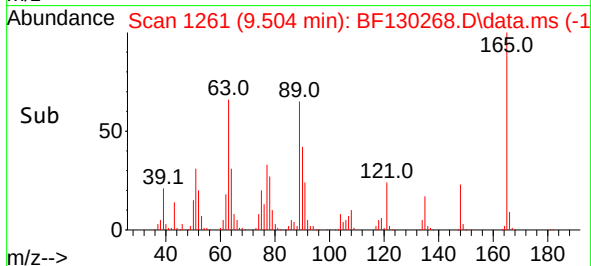
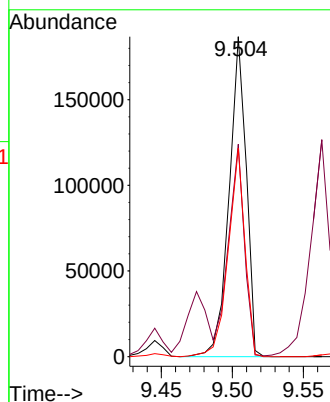
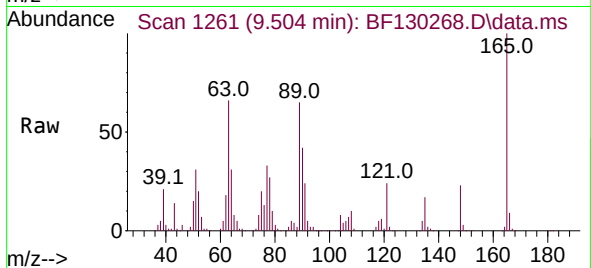
Ion	Ratio	Lower	Upper
165	100		
63	66.4	58.8	88.2
89	65.1	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#52

Acenaphthene

Concen: 47.727 ng m

RT: 9.745 min Scan# 1302

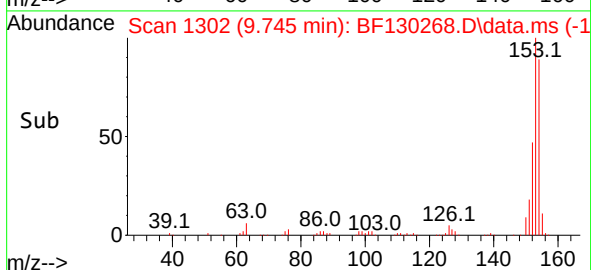
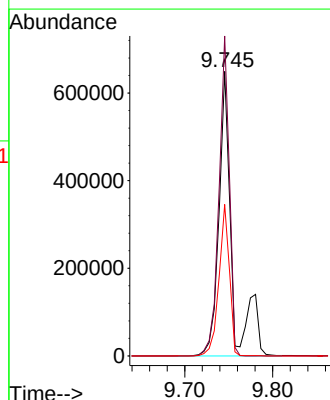
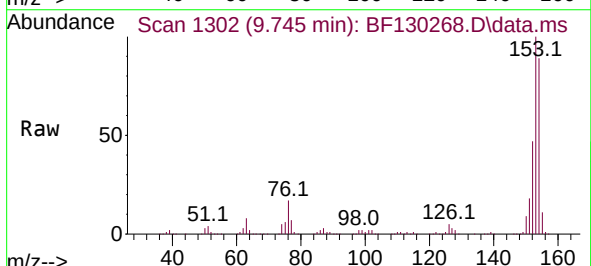
Delta R.T. 0.000 min

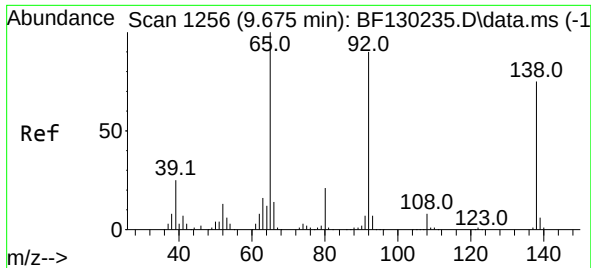
Lab File: BF130268.D

Acq: 15 Sep 2022 13:22

Tgt Ion:154 Resp: 668028

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.6	136.0
152	53.2	43.8	65.6





#53
3-Nitroaniline
Concen: 35.124 ng
RT: 9.675 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

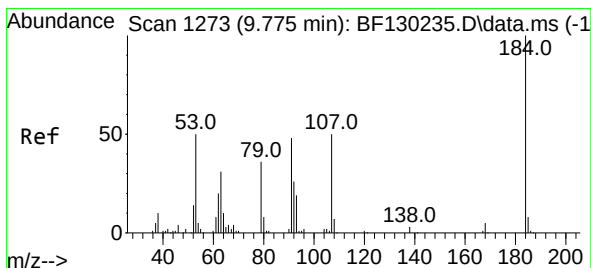
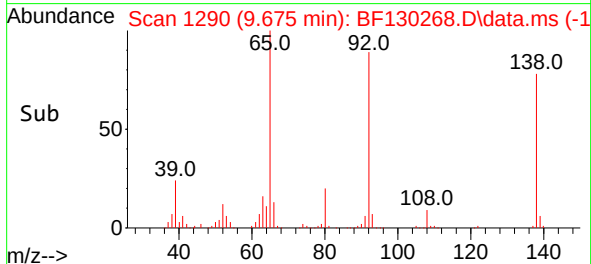
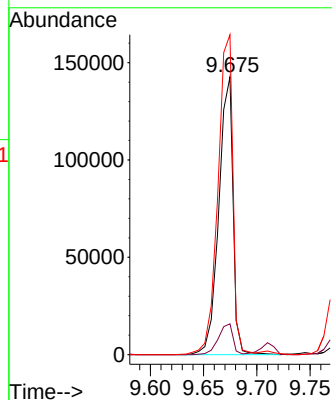
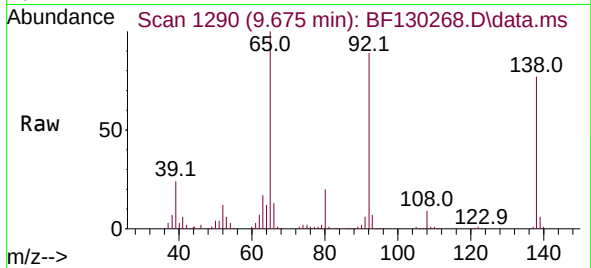
PB147633BS

Tgt Ion:138 Resp: 132969
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 115.3 99.2 148.8

Manual Integrations

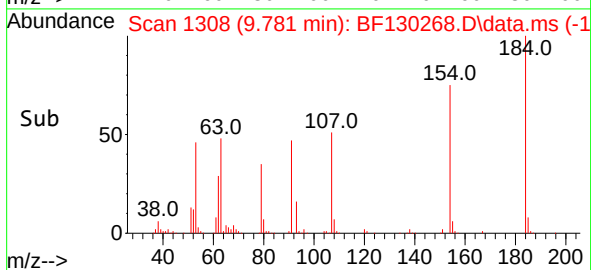
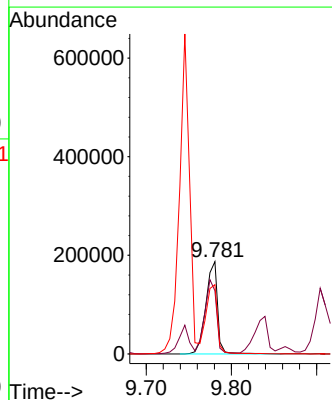
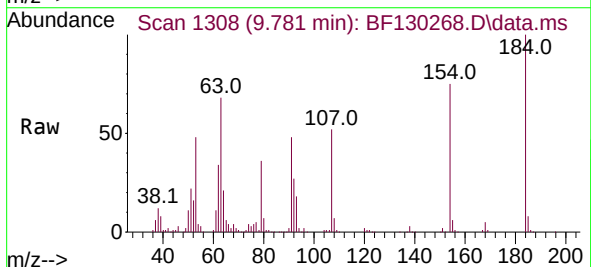
APPROVED

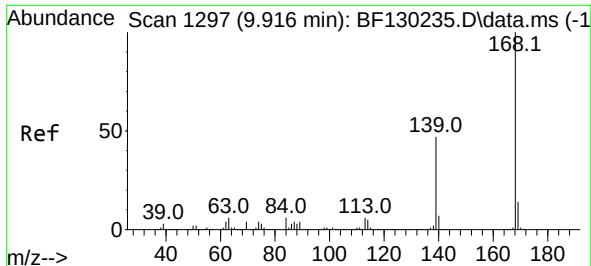
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#54
2,4-Dinitrophenol
Concen: 95.102 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

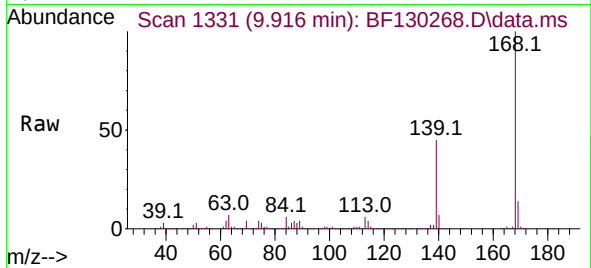
Tgt Ion:184 Resp: 177634
Ion Ratio Lower Upper
184 100
63 68.4 70.0 105.0#
154 75.1 63.0 94.6





#55
Dibenzofuran
Concen: 42.370 ng
RT: 9.916 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

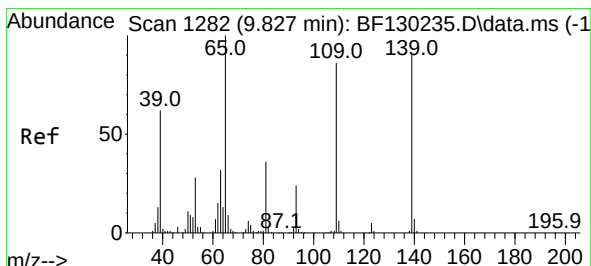
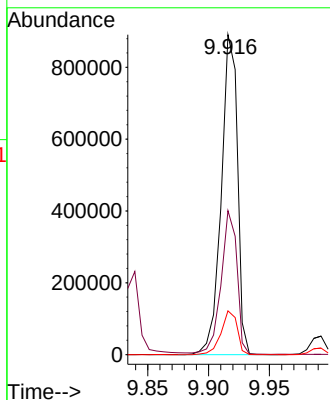
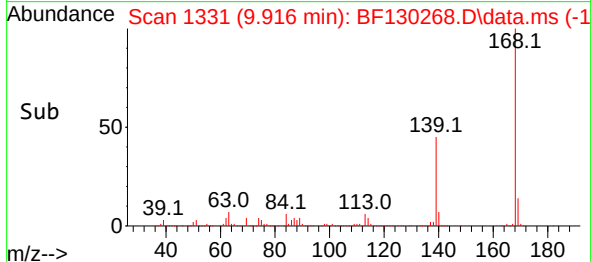
Instrument :
BNA_F
ClientSampleId :
PB147633BS



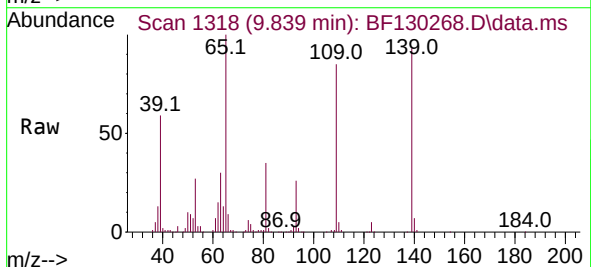
Tgt Ion:168 Resp: 824872
Ion Ratio Lower Upper
168 100
139 45.0 35.0 52.4
169 13.7 10.9 16.3

Manual Integrations
APPROVED

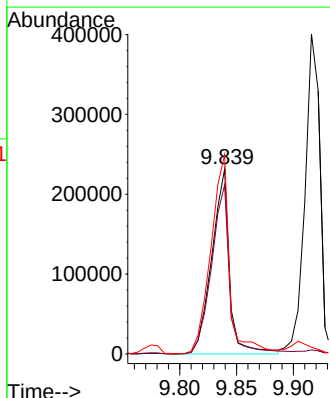
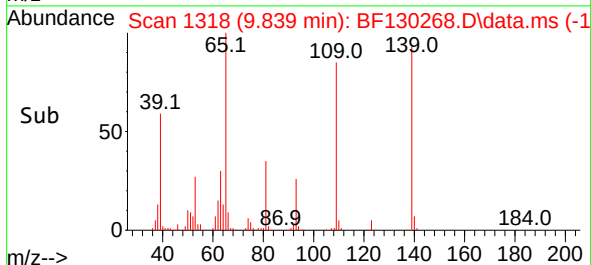
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

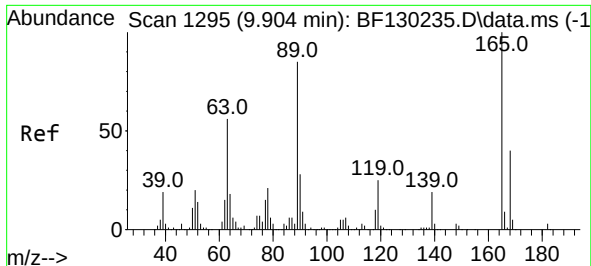


#56
4-Nitrophenol
Concen: 91.606 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion:139 Resp: 252588
Ion Ratio Lower Upper
139 100
109 91.4 72.2 112.2
65 107.8 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 48.134 ng
RT: 9.904 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

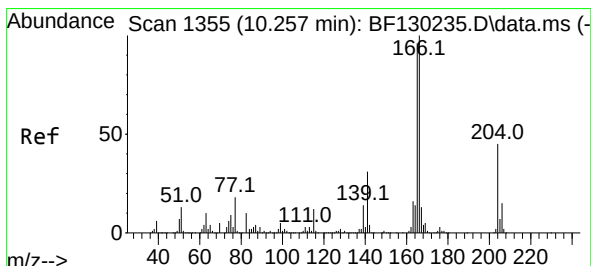
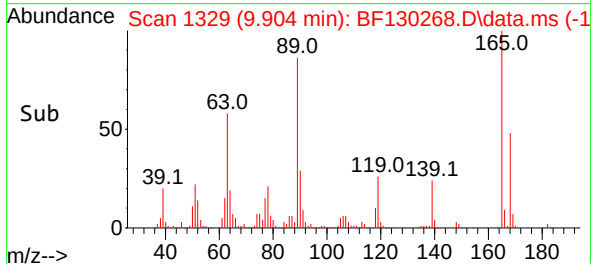
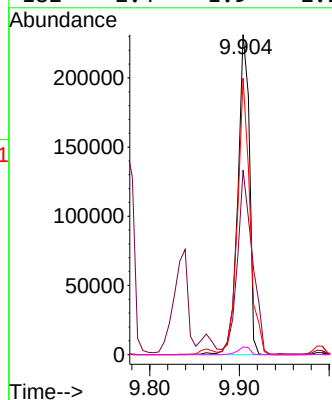
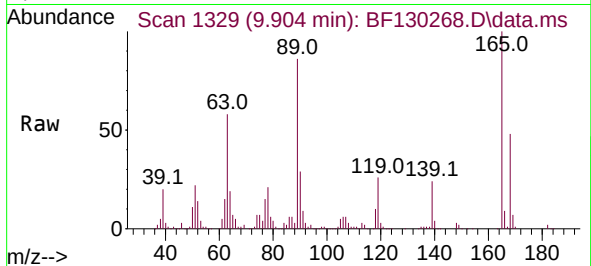
PB147633BS

Tgt Ion:165 Resp: 208998
Ion Ratio Lower Upper
165 100
63 57.6 44.7 67.1
89 86.4 69.0 103.4
182 2.4 1.9 2.9

Manual Integrations

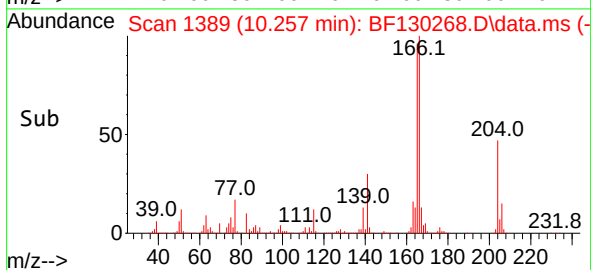
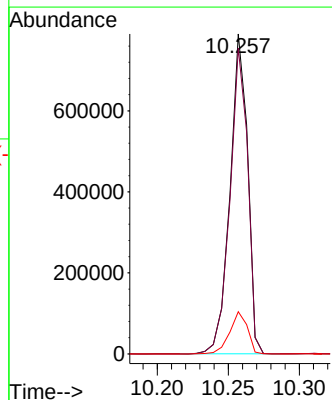
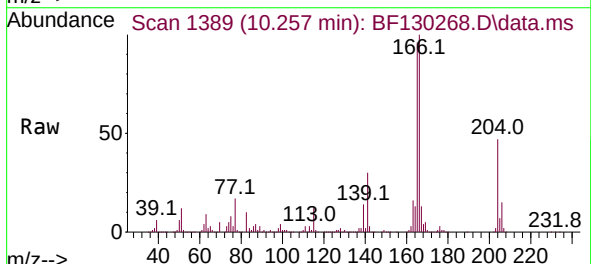
APPROVED

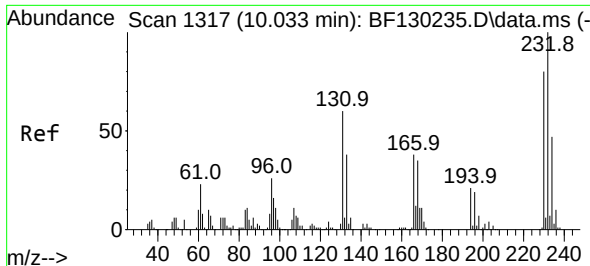
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#58
Fluorene
Concen: 42.841 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

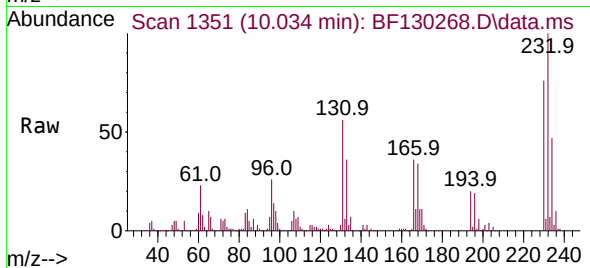
Tgt Ion:166 Resp: 682099
Ion Ratio Lower Upper
166 100
165 95.6 78.8 118.2
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.144 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

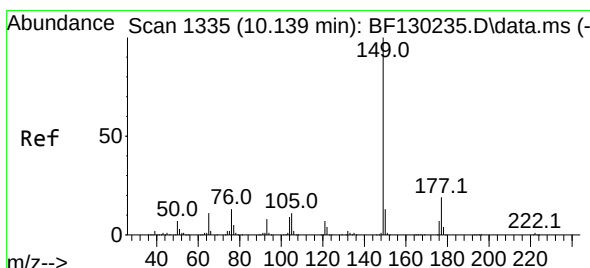
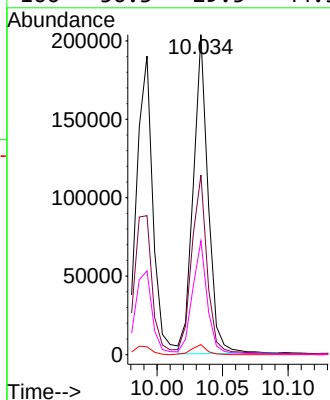
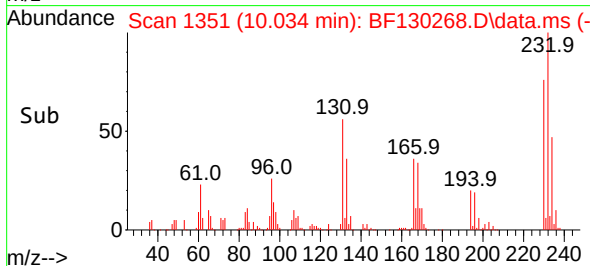
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion:232 Resp: 15944
Ion Ratio Lower Upper
232 100
131 59.9 46.4 69.6
130 3.2 2.3 3.5
166 36.3 29.5 44.3

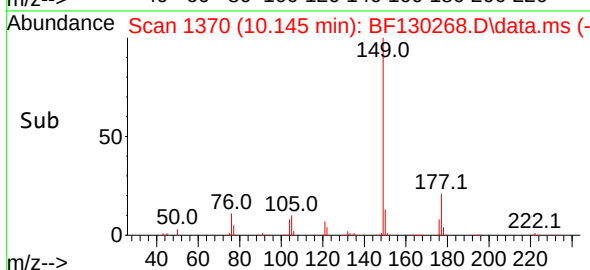
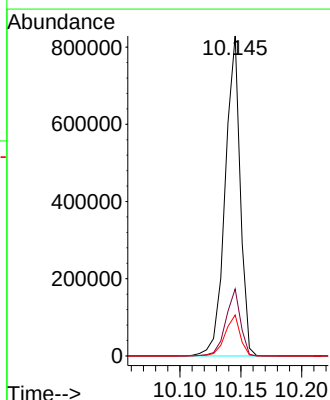
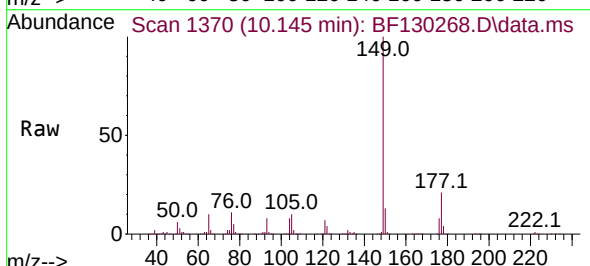
Manual Integrations
APPROVED

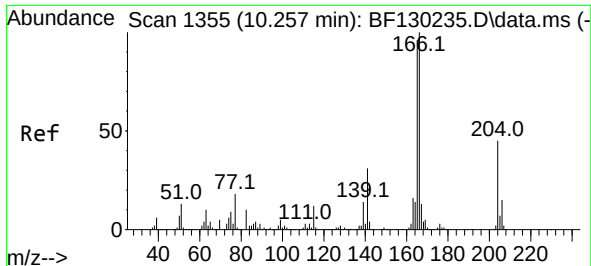
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#60
Diethylphthalate
Concen: 43.633 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:149 Resp: 710812
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.433 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

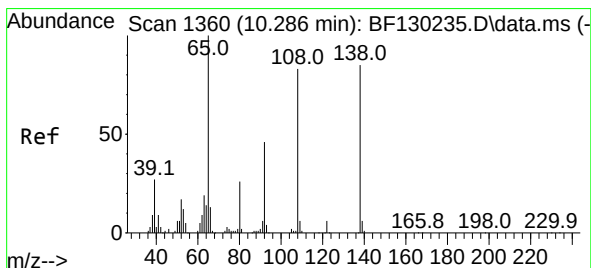
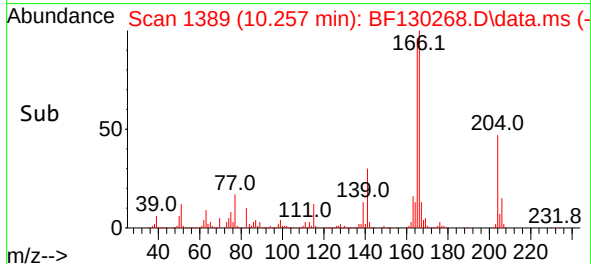
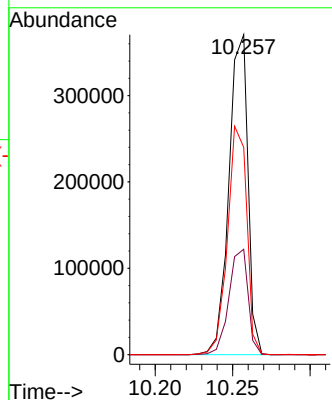
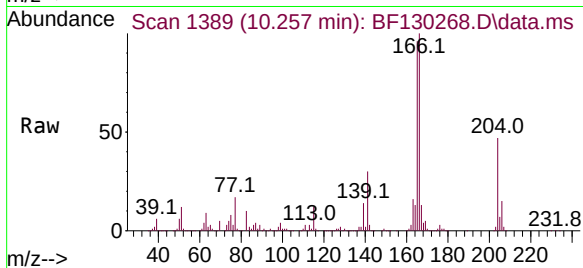
PB147633BS

Tgt Ion:204 Resp: 317332
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 64.8 57.1 85.7

Manual Integrations

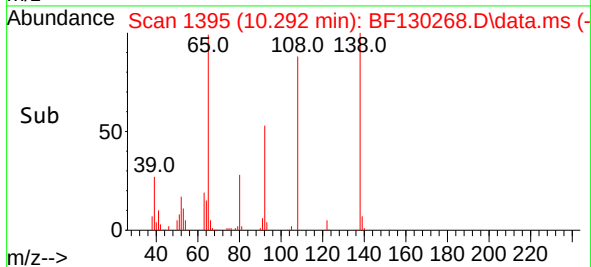
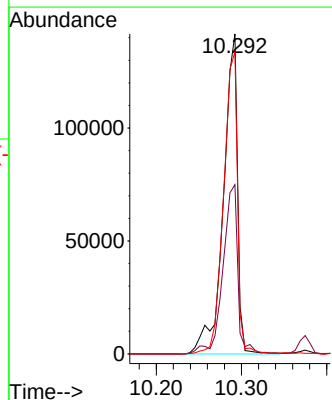
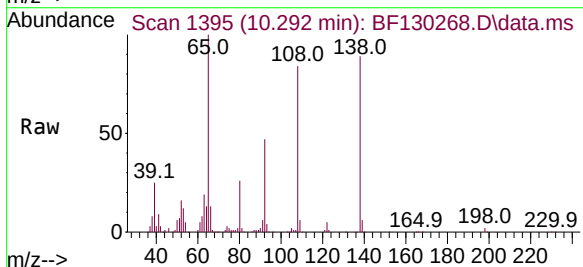
APPROVED

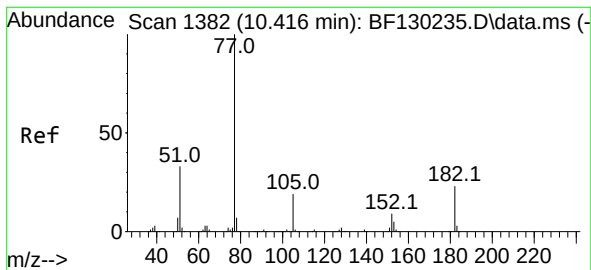
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#62
4-Nitroaniline
Concen: 42.868 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

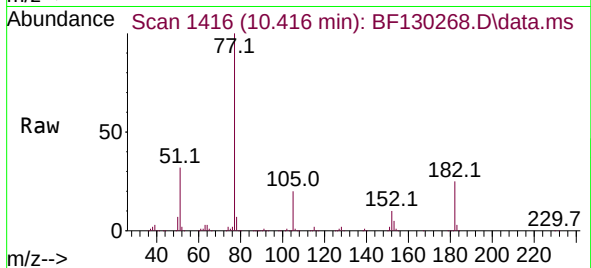
Tgt Ion:138 Resp: 163028
Ion Ratio Lower Upper
138 100
92 52.9 36.7 76.7
108 94.4 78.2 118.2





#63
Azobenzene
Concen: 40.793 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

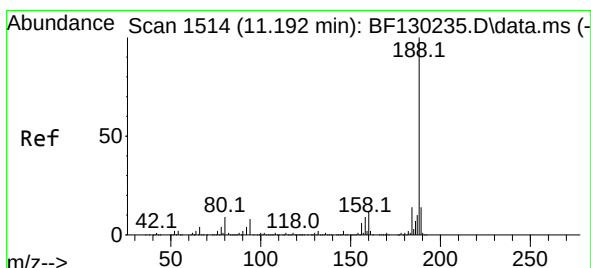
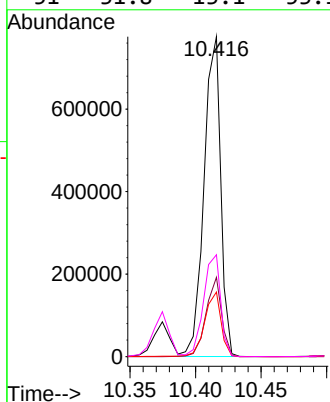
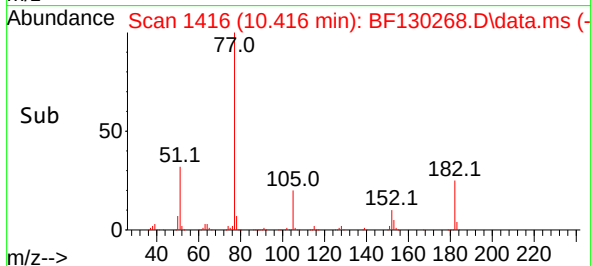
Instrument :
BNA_F
ClientSampleId :
PB147633BS



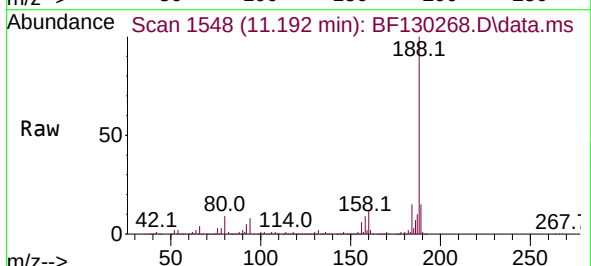
Tgt Ion: 77 Resp: 684278
Ion Ratio Lower Upper
77 100
182 24.8 2.1 42.1
105 20.2 0.0 39.4
51 31.8 13.1 53.1

Manual Integrations
APPROVED

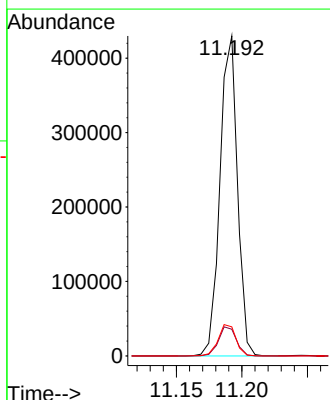
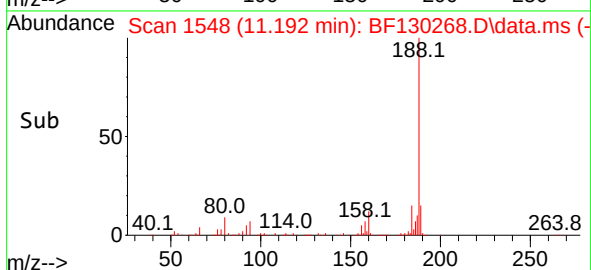
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

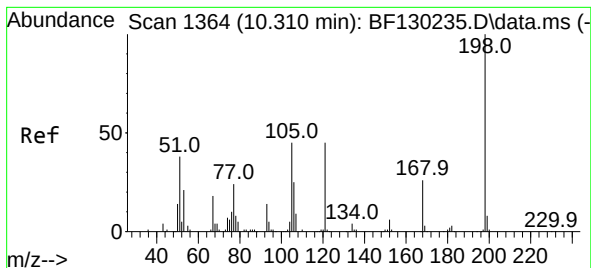


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



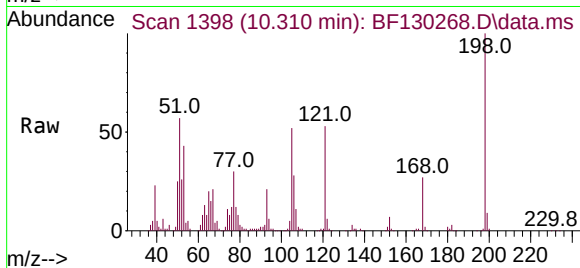
Tgt Ion:188 Resp: 399871
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.126 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

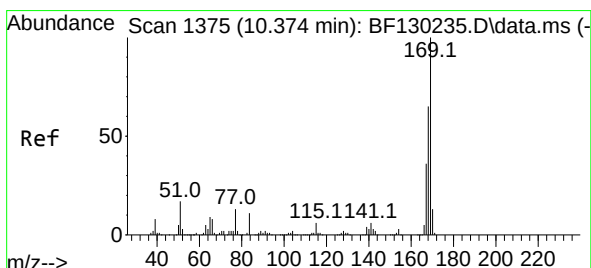
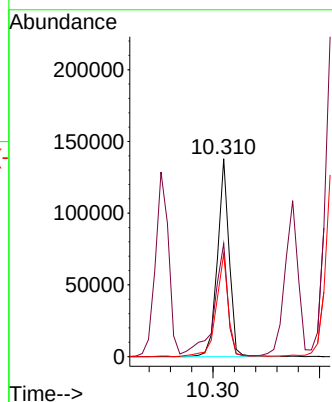
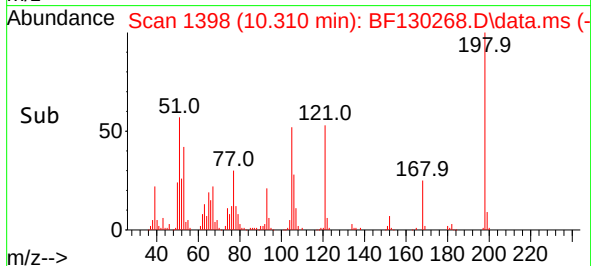
Instrument :
BNA_F
ClientSampleId :
PB147633BS



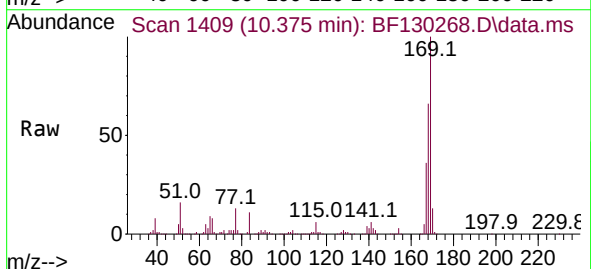
Tgt Ion:198 Resp: 104901
Ion Ratio Lower Upper
198 100
51 57.2 36.9 76.9
105 52.0 33.0 73.0

Manual Integrations
APPROVED

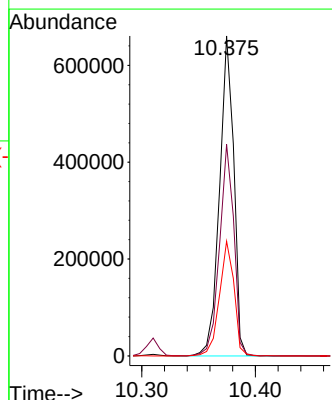
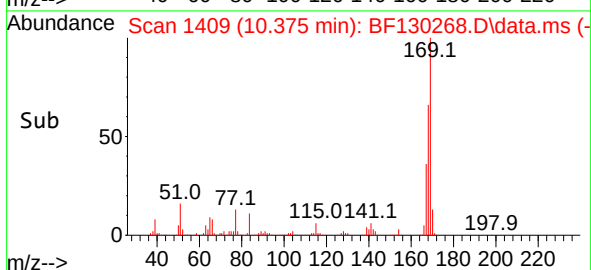
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

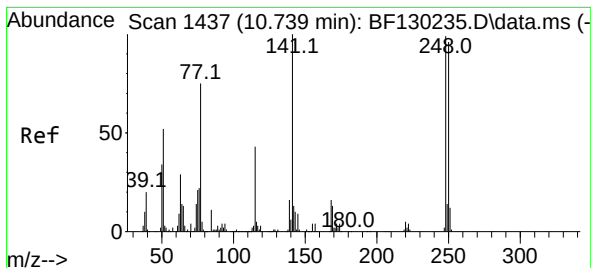


#66
n-Nitrosodiphenylamine
Concen: 42.958 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



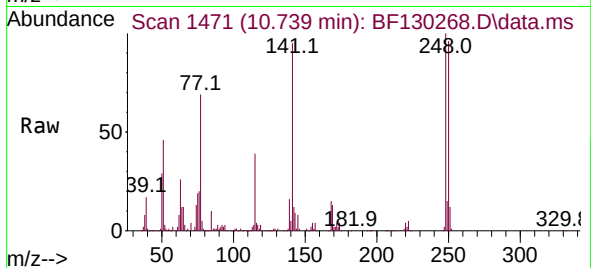
Tgt Ion:169 Resp: 574025
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.432 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

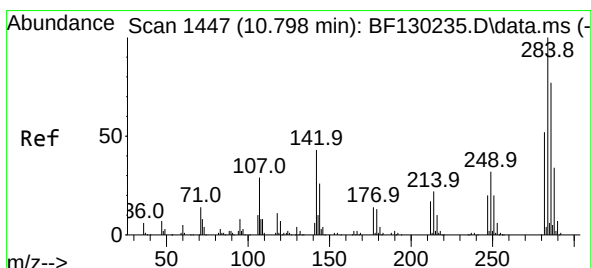
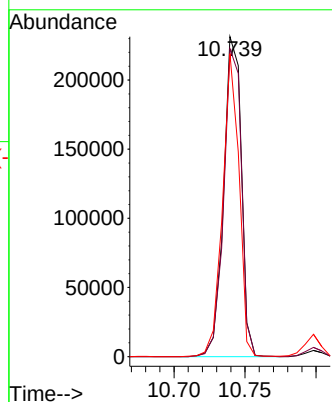
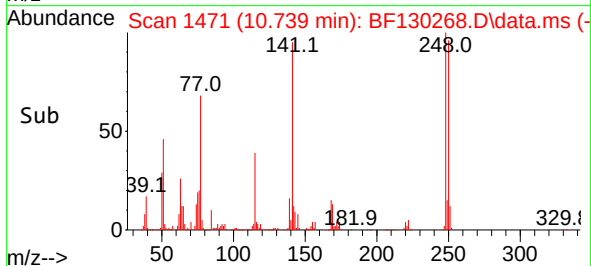
Instrument :
BNA_F
ClientSampleId :
PB147633BS



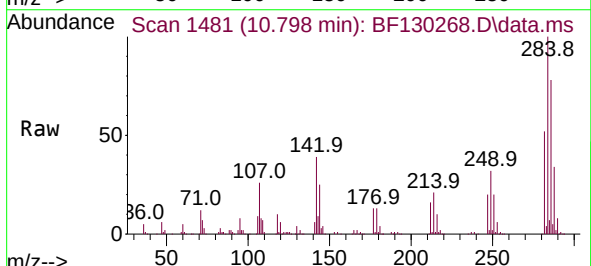
Tgt Ion:248 Resp: 200410
Ion Ratio Lower Upper
248 100
250 96.2 80.0 120.0
141 94.7 68.5 102.7

Manual Integrations
APPROVED

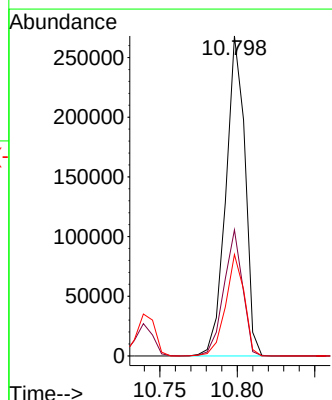
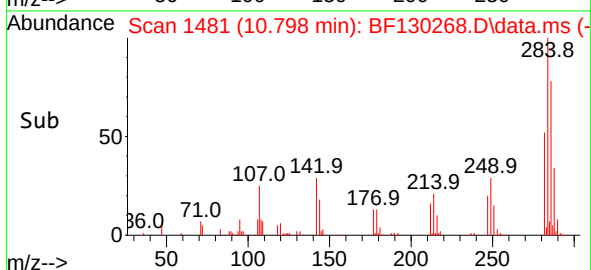
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

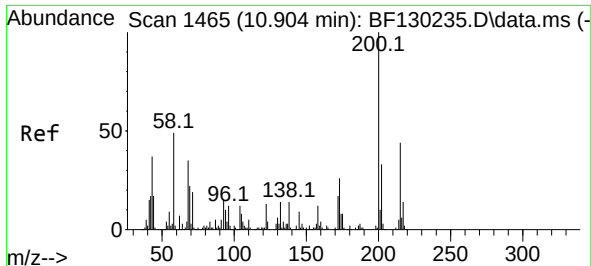


#68
Hexachlorobenzene
Concen: 46.121 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



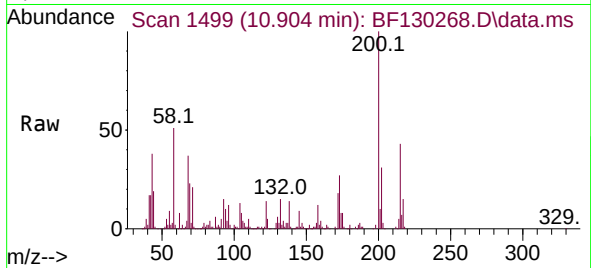
Tgt Ion:284 Resp: 230624
Ion Ratio Lower Upper
284 100
142 39.4 27.2 40.8
249 31.7 23.8 35.8





#69
 Atrazine
 Concen: 50.097 ng
 RT: 10.904 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

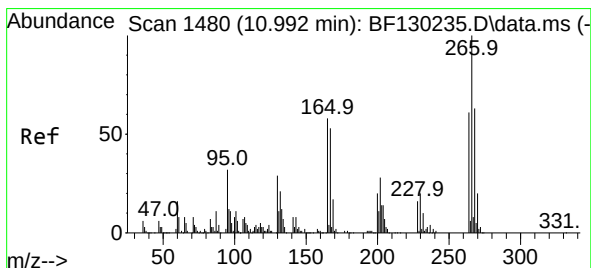
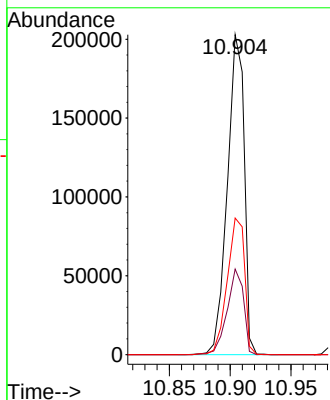
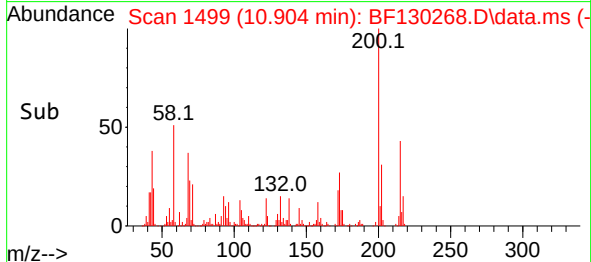
Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS



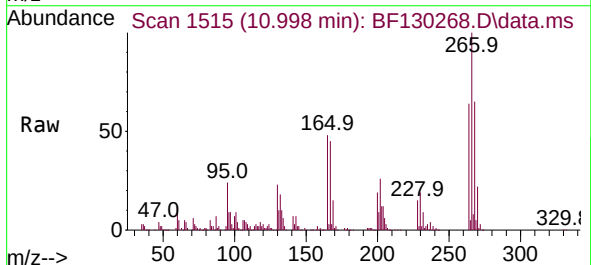
Tgt Ion:200 Resp: 195630
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.2 46.2
 215 42.7 22.5 62.5

Manual Integrations
 APPROVED

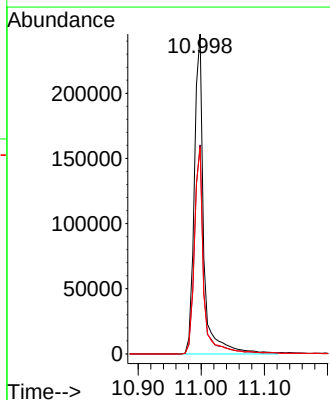
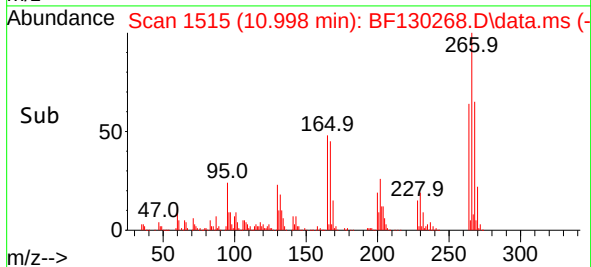
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

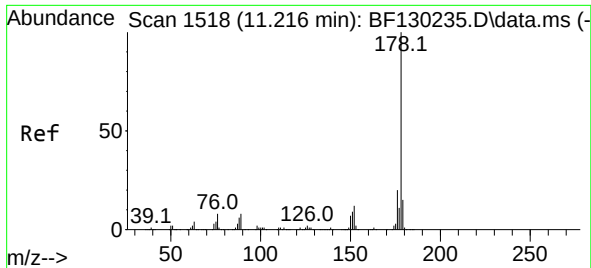


#70
 Pentachlorophenol
 Concen: 95.147 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22



Tgt Ion:266 Resp: 255342
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.5 75.7
 264 64.5 50.5 75.7





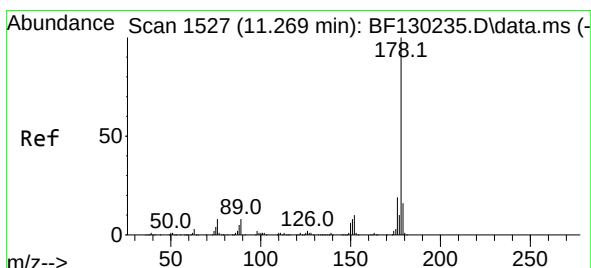
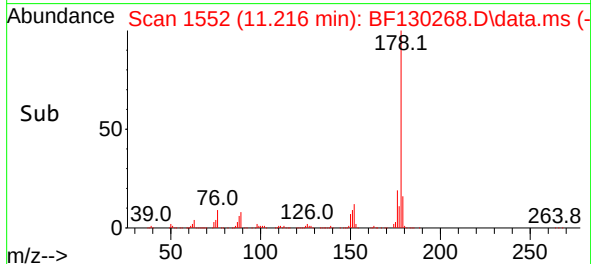
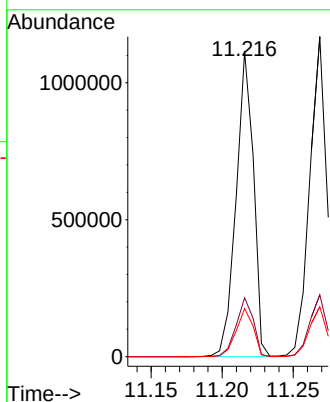
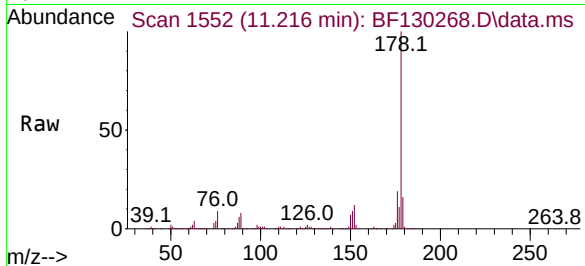
#71
Phenanthrene
Concen: 42.100 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB147633BS

Tgt Ion:178 Resp: 945160
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6

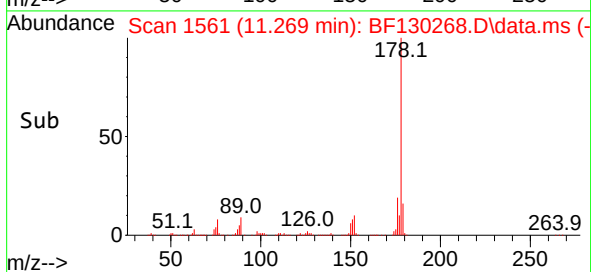
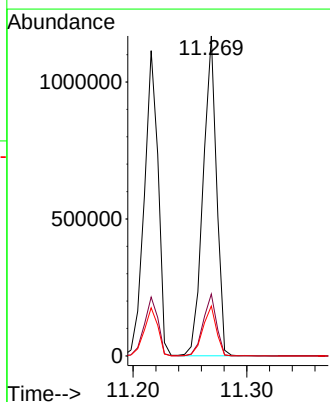
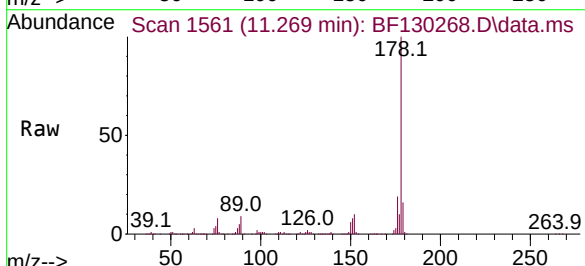
Manual Integrations
APPROVED

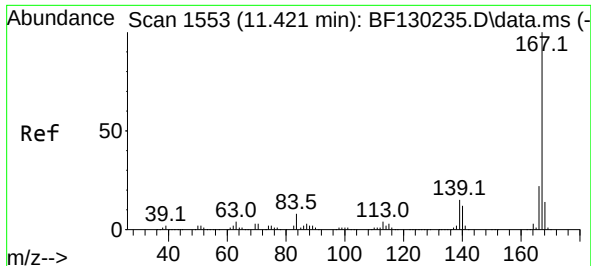
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#72
Anthracene
Concen: 44.495 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

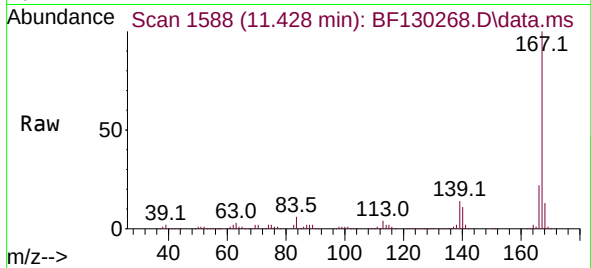
Tgt Ion:178 Resp: 964001
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 44.383 ng
 RT: 11.428 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

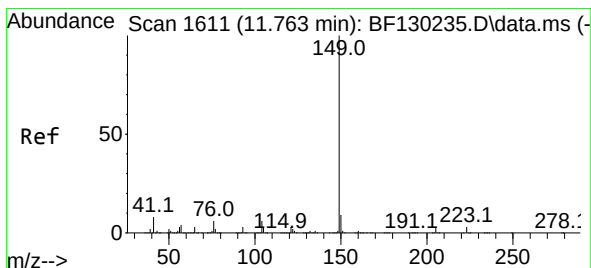
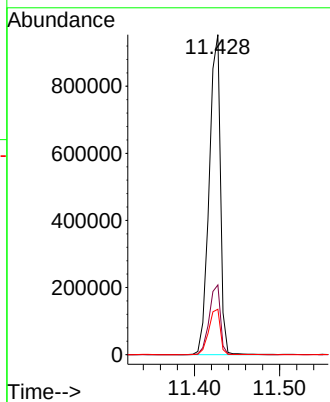
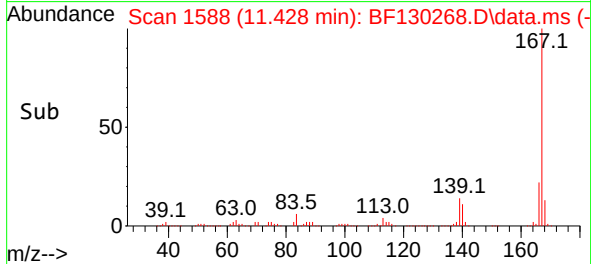
Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS



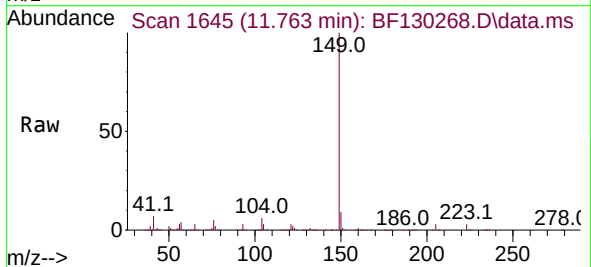
Tgt Ion:167 Resp: 867792
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.2 11.6 17.4

Manual Integrations
 APPROVED

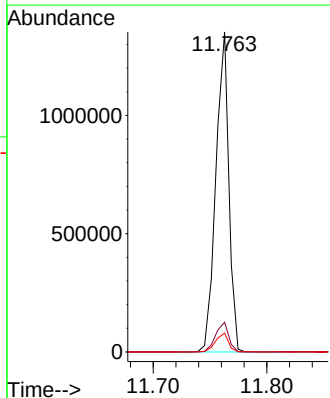
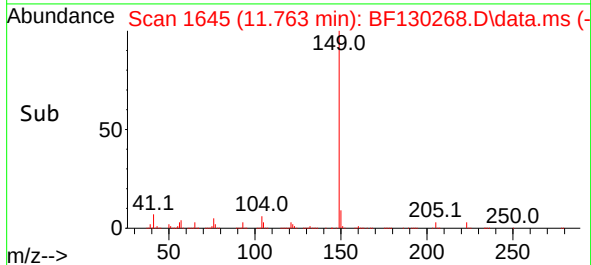
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

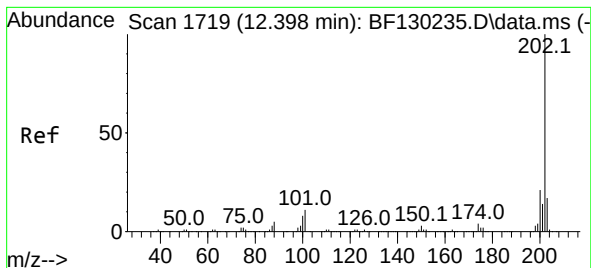


#74
 Di-n-butylphthalate
 Concen: 45.364 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22



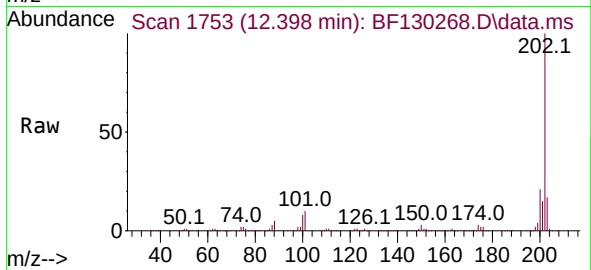
Tgt Ion:149 Resp: 1069602
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 44.074 ng
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

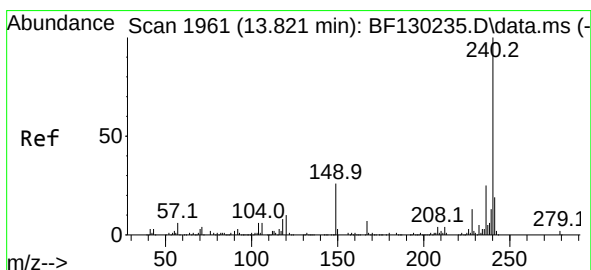
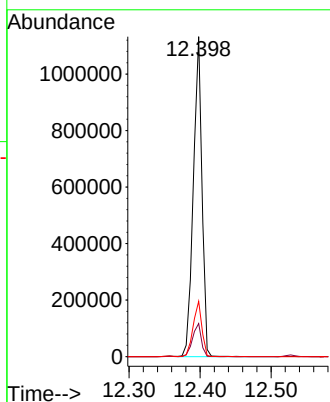
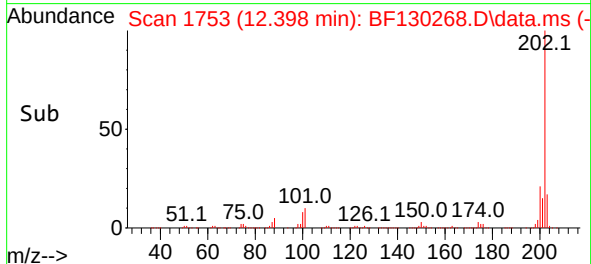
Instrument :
BNA_F
ClientSampleId :
PB147633BS



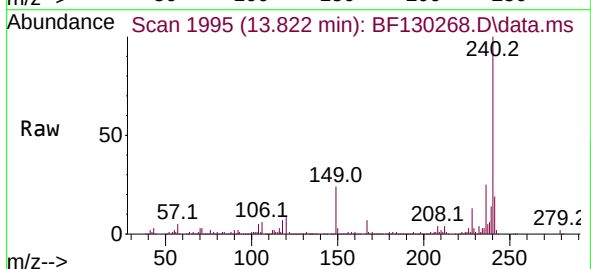
Tgt Ion:202 Resp: 956134
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 17.3 0.0 37.8

Manual Integrations
APPROVED

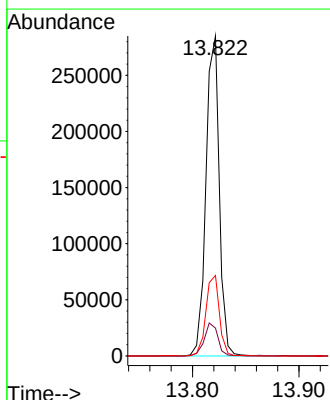
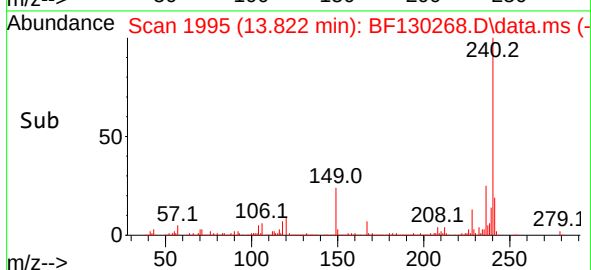
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

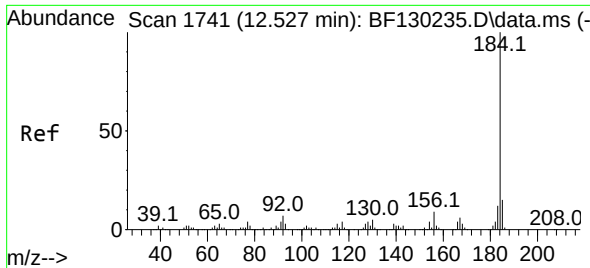


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



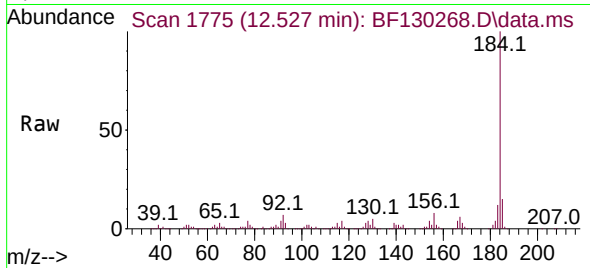
Tgt Ion:240 Resp: 246964
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 25.1 20.9 31.3





#77
Benzidine
Concen: 78.235 ng
RT: 12.527 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

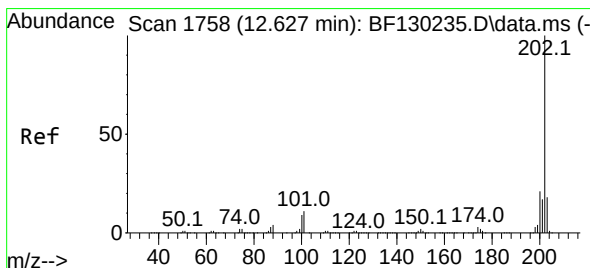
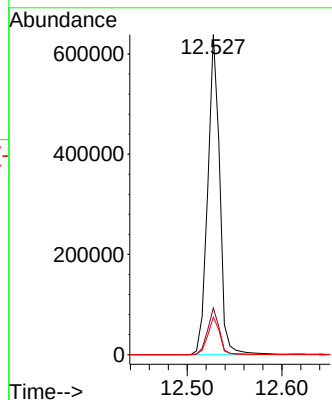
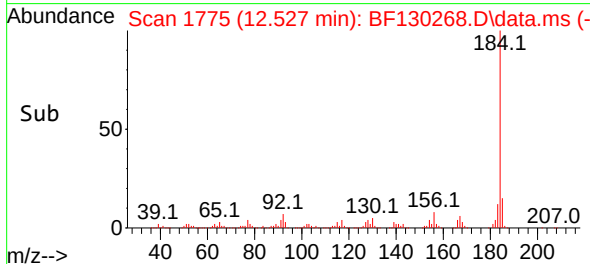
Instrument :
BNA_F
ClientSampleId :
PB147633BS



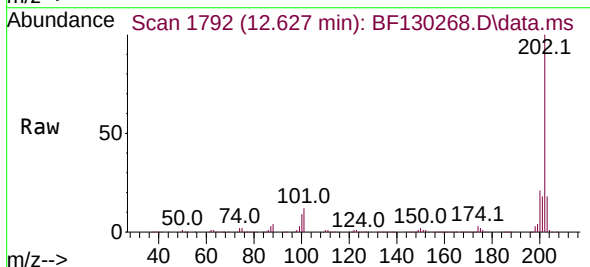
Tgt Ion:184 Resp: 560879
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.8 9.1 13.7

Manual Integrations
APPROVED

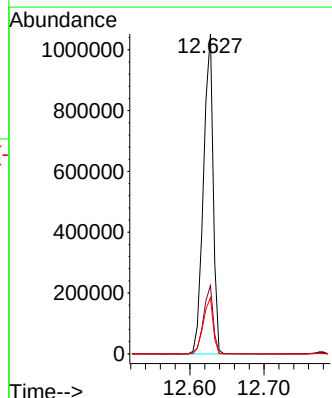
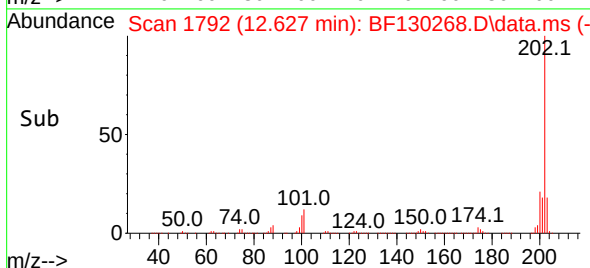
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

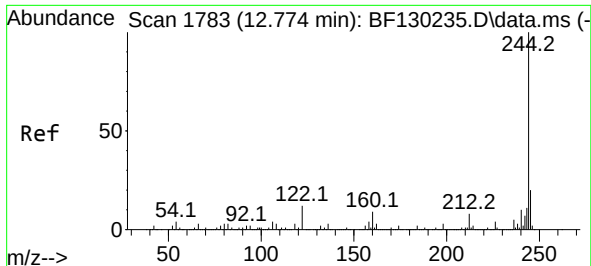


#78
Pyrene
Concen: 43.987 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



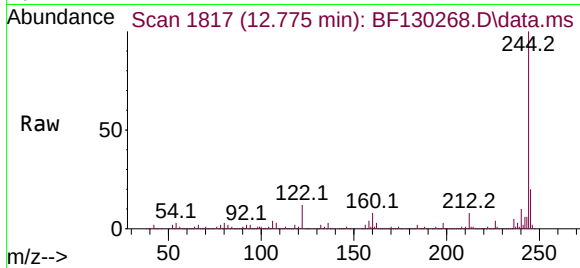
Tgt Ion:202 Resp: 950325
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 96.646 ng
 RT: 12.775 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22

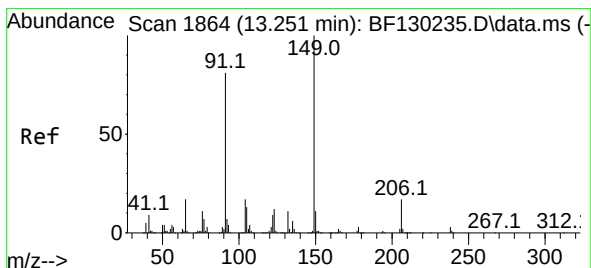
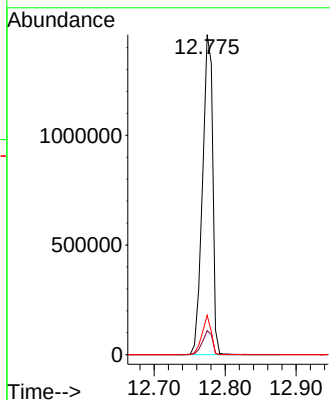
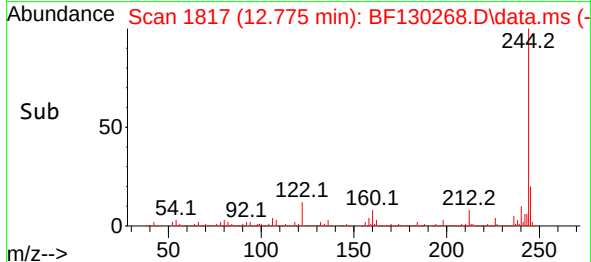
Instrument :
 BNA_F
 ClientSampleId :
 PB147633BS



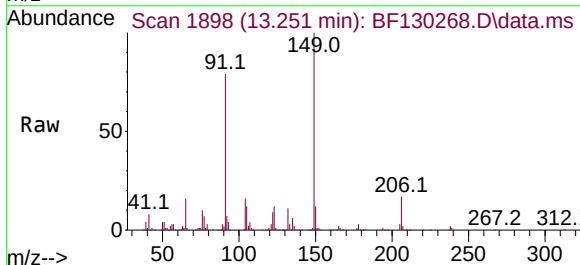
Tgt Ion:244 Resp: 144088
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.3 8.5 12.7

Manual Integrations
 APPROVED

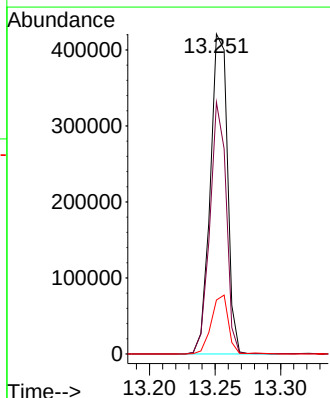
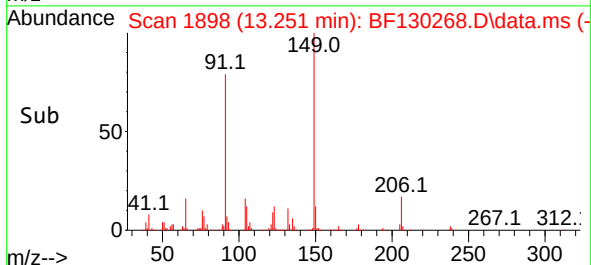
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

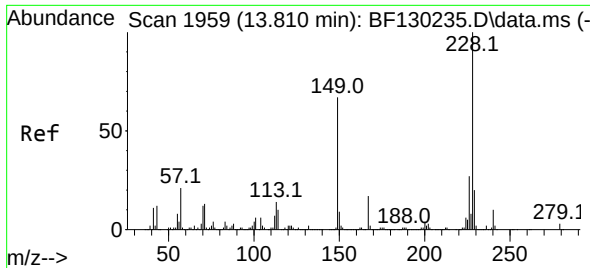


#80
 Butylbenzylphthalate
 Concen: 48.074 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: BF130268.D
 Acq: 15 Sep 2022 13:22



Tgt Ion:149 Resp: 384768
 Ion Ratio Lower Upper
 149 100
 91 78.6 59.8 89.8
 206 16.8 13.9 20.9





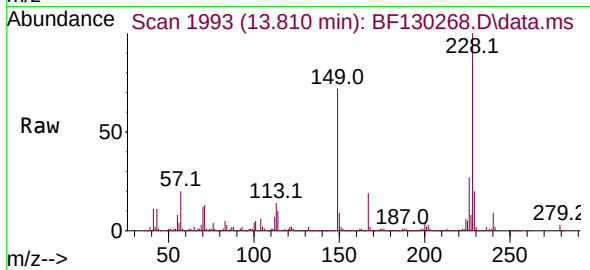
#81
Benzo(a)anthracene
Concen: 43.798 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

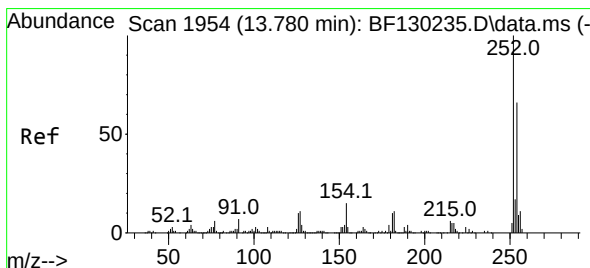
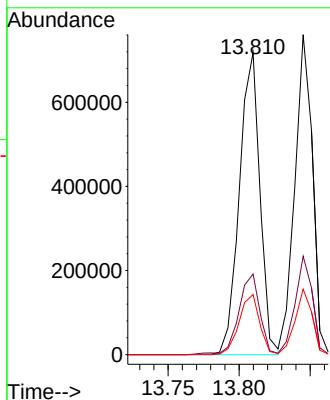
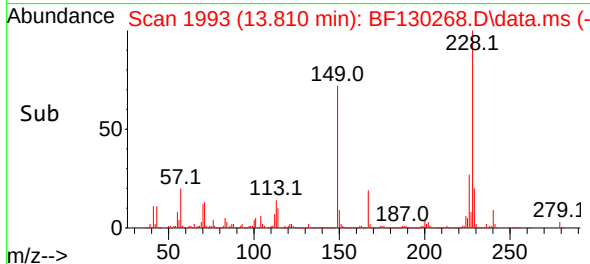
PB147633BS



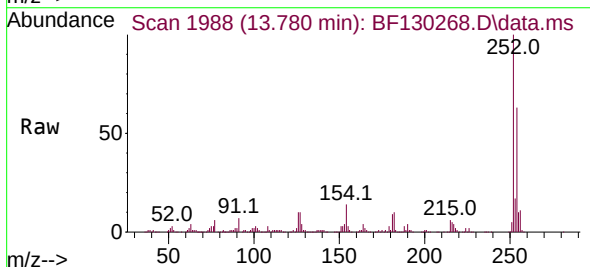
Tgt Ion:228 Resp: 719569
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.9 16.1 24.1

Manual Integrations
APPROVED

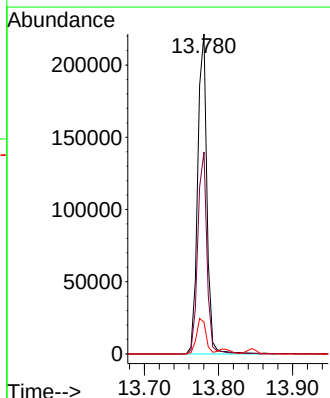
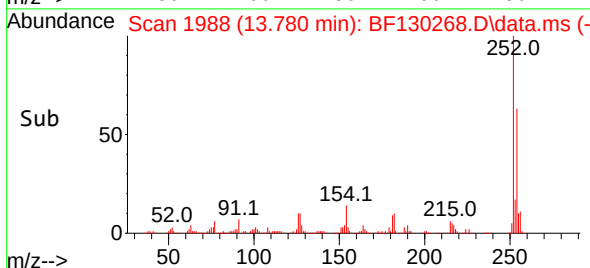
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

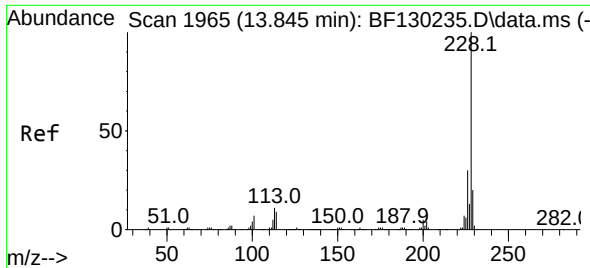


#82
3,3'-Dichlorobenzidine
Concen: 43.172 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



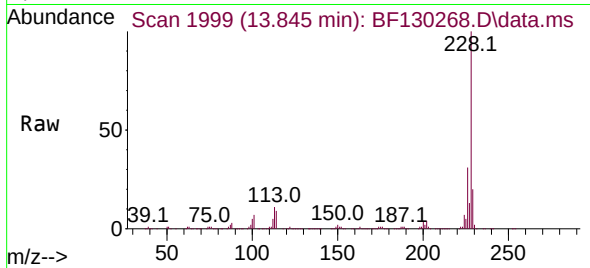
Tgt Ion:252 Resp: 193073
Ion Ratio Lower Upper
252 100
254 63.1 51.1 76.7
126 9.9 10.4 15.6#





#83
Chrysene
Concen: 42.413 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

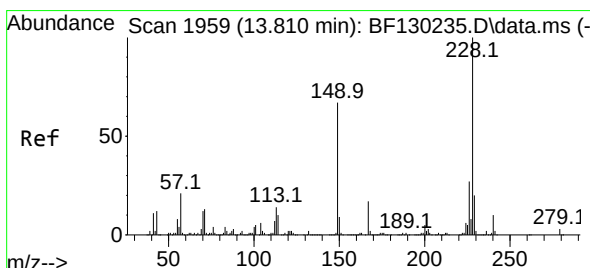
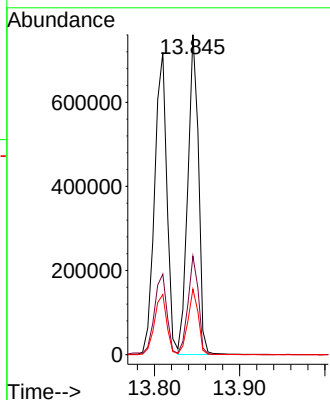
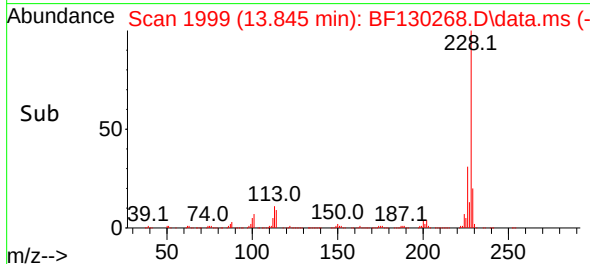
Instrument :
BNA_F
ClientSampleId :
PB147633BS



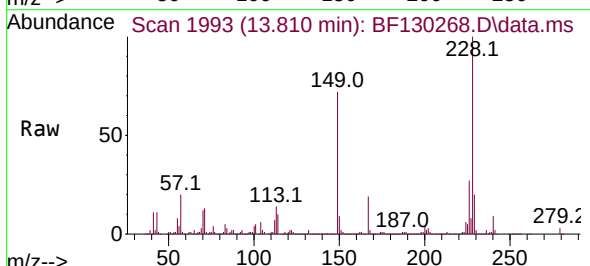
Tgt Ion:228 Resp: 661626
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 20.5 15.3 22.9

Manual Integrations
APPROVED

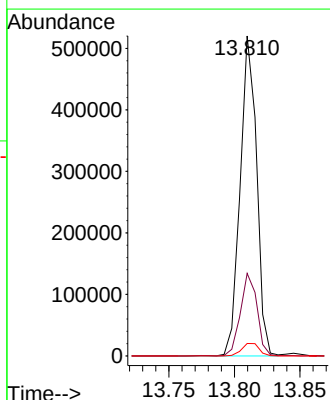
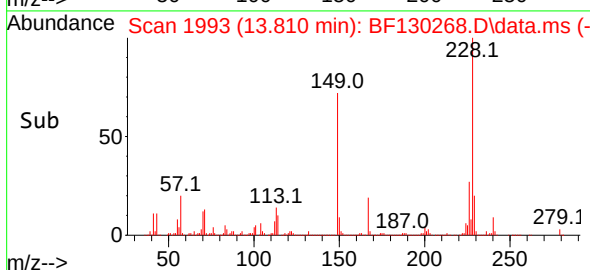
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

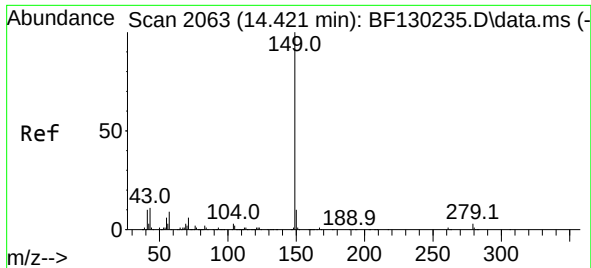


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.490 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



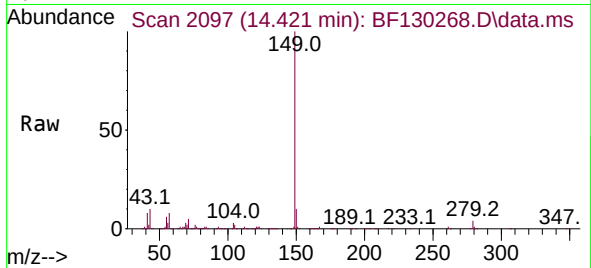
Tgt Ion:149 Resp: 453706
Ion Ratio Lower Upper
149 100
167 25.8 20.5 30.7
279 3.9 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

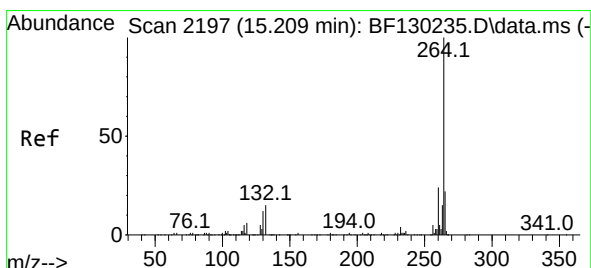
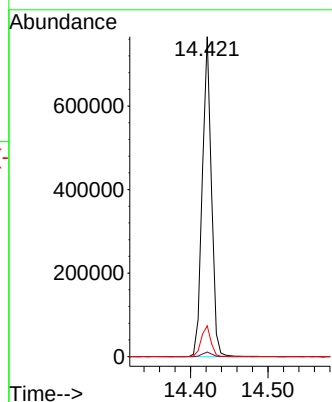
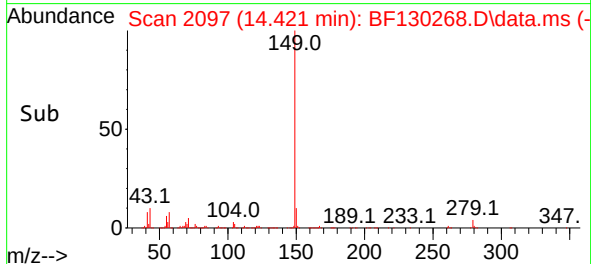
Instrument :
BNA_F
ClientSampleId :
PB147633BS



Tgt Ion:149 Resp: 624838
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.2 8.7 13.1

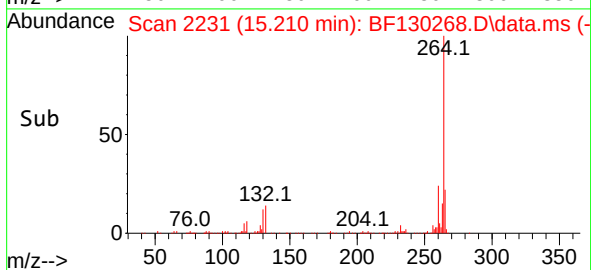
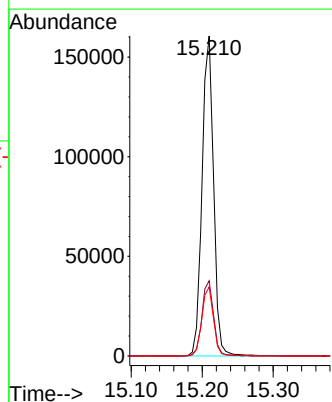
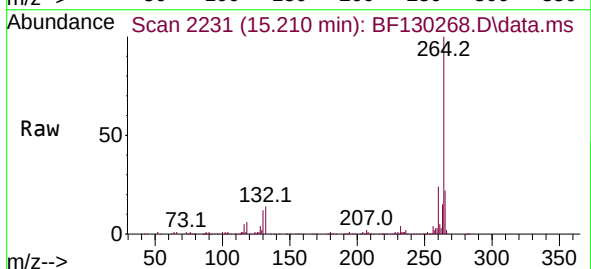
Manual Integrations
APPROVED

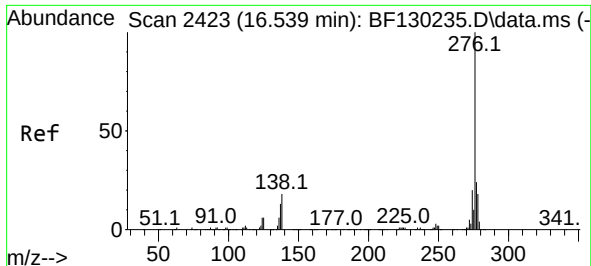
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Tgt Ion:264 Resp: 179347
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.772 ng
RT: 16.539 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

Instrument :

BNA_F

ClientSampleId :

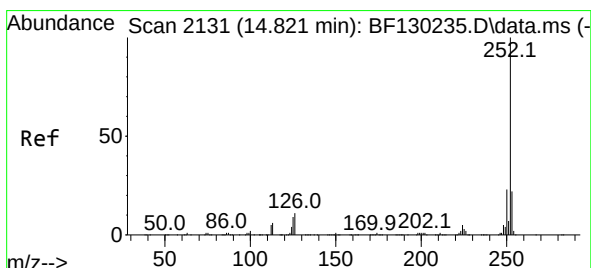
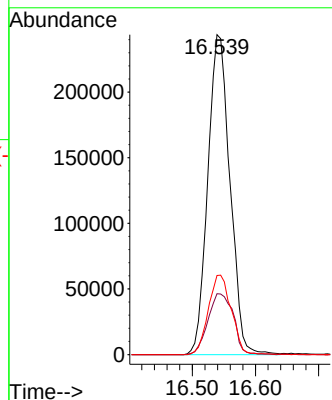
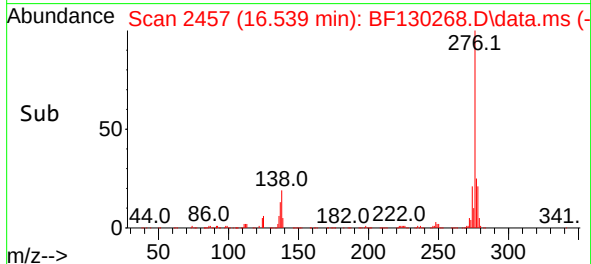
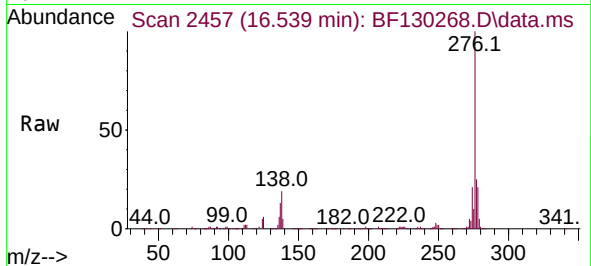
PB147633BS

Tgt Ion:276 Resp: 594859
Ion Ratio Lower Upper
276 100
138 21.8 18.5 27.7
277 25.7 20.2 30.4

Manual Integrations

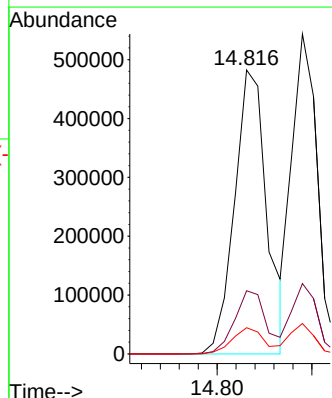
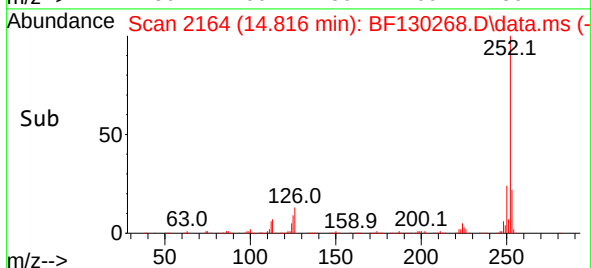
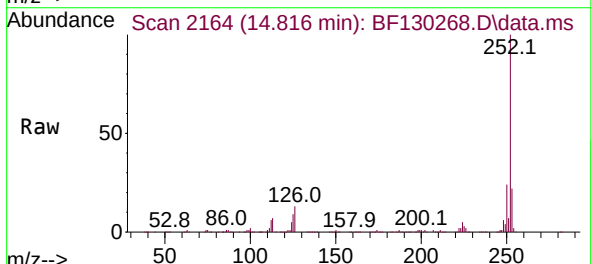
APPROVED

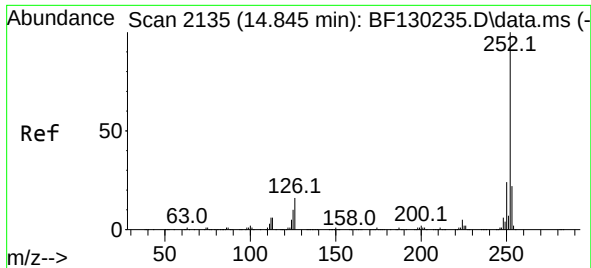
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#88
Benzo(b)fluoranthene
Concen: 49.021 ng
RT: 14.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

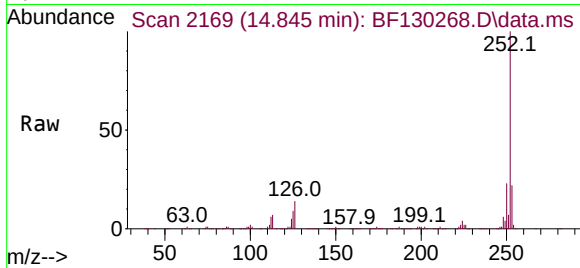
Tgt Ion:252 Resp: 573837
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.056 ng
RT: 14.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

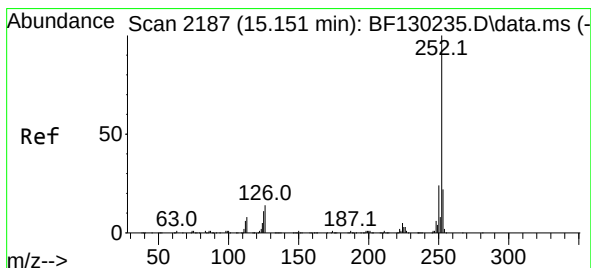
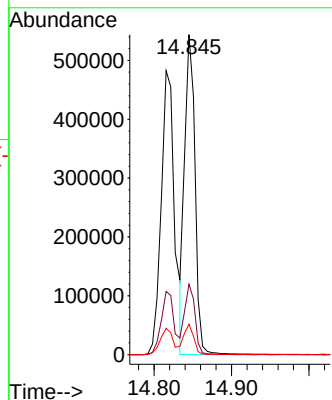
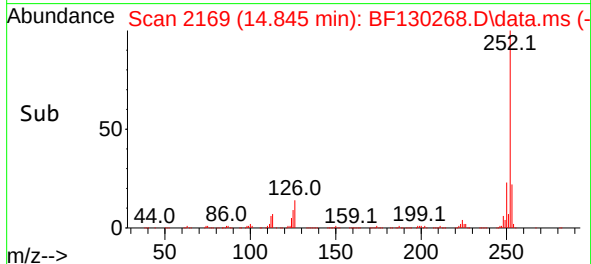
Instrument :
BNA_F
ClientSampleId :
PB147633BS



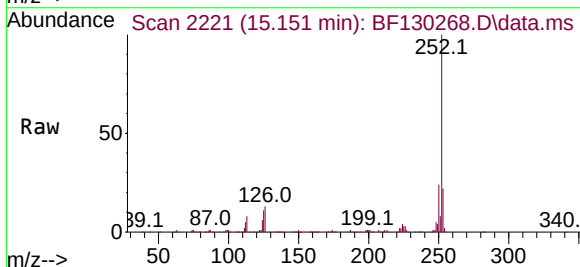
Tgt Ion:252 Resp: 507306
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.5 7.9 11.9

Manual Integrations
APPROVED

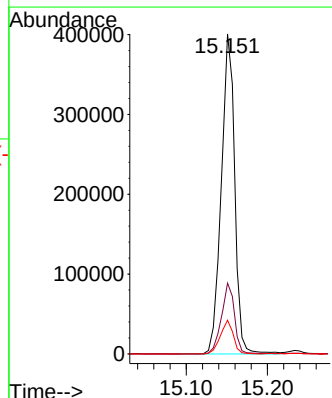
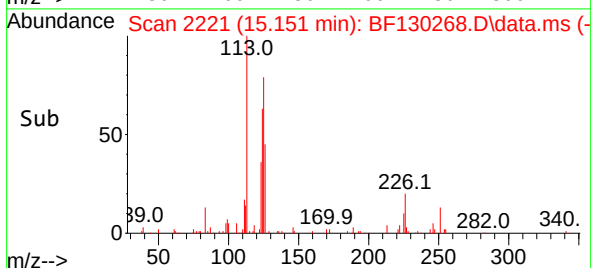
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

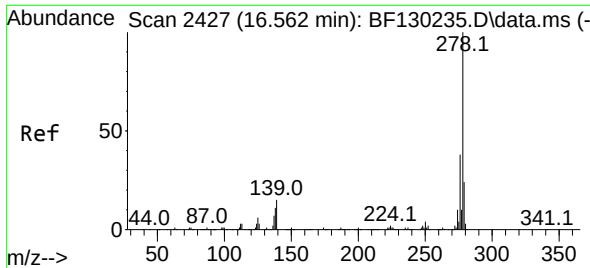


#90
Benzo(a)pyrene
Concen: 49.491 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



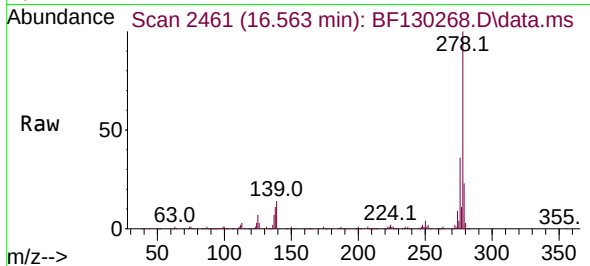
Tgt Ion:252 Resp: 458970
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.199 ng
RT: 16.563 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22

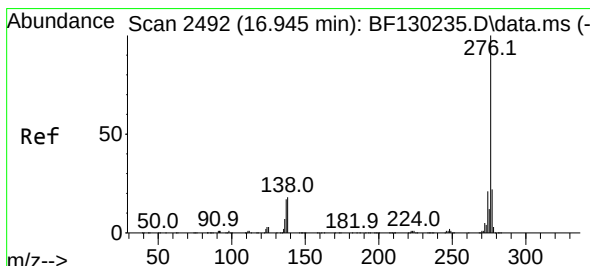
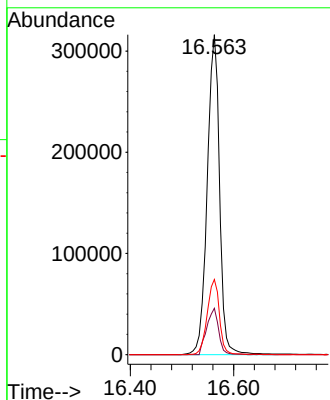
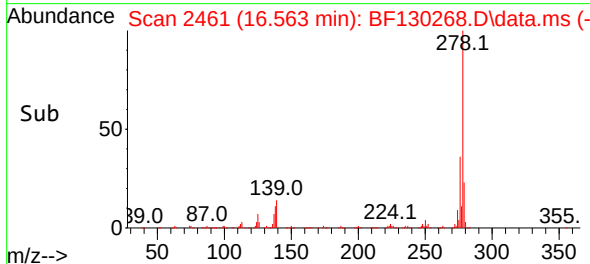
Instrument :
BNA_F
ClientSampleId :
PB147633BS



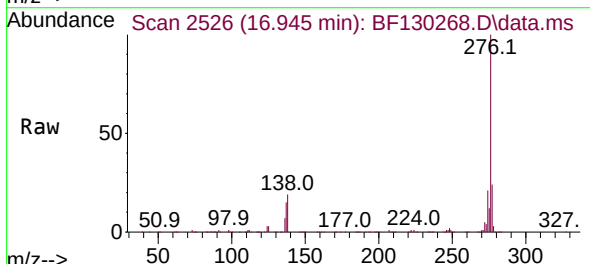
Tgt Ion: 278 Resp: 523750
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.8
279 23.5 19.4 29.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022



#92
Benzo(g,h,i)perylene
Concen: 49.084 ng
RT: 16.945 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF130268.D
Acq: 15 Sep 2022 13:22



Tgt Ion: 276 Resp: 515883
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 18.5 14.6 21.8

