

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131568.D
 Acq On : 09 Dec 2022 15:56
 Operator : CG\JU
 Sample : PB149504BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149504BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

Quant Time: Dec 10 03:59:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	50339	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	189547	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115251	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	223141	20.000	ng	0.00
76) Chrysene-d12	14.110	240	124339	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	105223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	460598	152.647	ng	0.02
7) Phenol-d6	6.540	99	589203	149.011	ng	0.00
23) Nitrobenzene-d5	7.481	82	420020	83.777	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	196242	153.257	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	778887	85.212	ng	0.00
79) Terphenyl-d14	13.051	244	944708	104.197	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	51805	38.036	ng	97
3) Pyridine	3.493	79	143966	38.072	ng	98
4) n-Nitrosodimethylamine	3.469	42	94512	45.320	ng	95
6) Aniline	6.575	93	205752	43.509	ng	99
8) 2-Chlorophenol	6.692	128	146921	45.946	ng	96
9) Benzaldehyde	6.457	77	74641	27.555	ng	97
10) Phenol	6.551	94	208136m	47.191	ng	
11) bis(2-Chloroethyl)ether	6.645	93	157163	47.537	ng	96
12) 1,3-Dichlorobenzene	6.851	146	167579	45.202	ng	98
13) 1,4-Dichlorobenzene	6.928	146	169772	45.400	ng	99
14) 1,2-Dichlorobenzene	7.081	146	164624	46.085	ng	95
15) Benzyl Alcohol	7.057	79	153488m	42.341	ng	
16) 2,2'-oxybis(1-Chloropr...	7.181	45	197524	46.251	ng	98
17) 2-Methylphenol	7.163	107	135203	46.915	ng	99
18) Hexachloroethane	7.422	117	70199	46.536	ng	90
19) n-Nitroso-di-n-propyla...	7.328	70	136222	45.944	ng	98
20) 3+4-Methylphenols	7.316	107	178865	45.568	ng	91
22) Acetophenone	7.322	105	259089	43.618	ng	98
24) Nitrobenzene	7.498	77	211455	41.817	ng	97
25) Isophorone	7.739	82	370808	45.917	ng	100
26) 2-Nitrophenol	7.816	139	77961	45.211	ng	96
27) 2,4-Dimethylphenol	7.851	122	135179m	51.145	ng	
28) bis(2-Chloroethoxy)met...	7.945	93	198125	47.426	ng	99
29) 2,4-Dichlorophenol	8.057	162	139452	42.671	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	167120	41.699	ng	99
31) Naphthalene	8.222	128	439460	41.164	ng	99
32) Benzoic acid	7.975	122	83201	43.466	ng	95
33) 4-Chloroaniline	8.269	127	112845	28.199	ng	96
34) Hexachlorobutadiene	8.334	225	117387	41.559	ng	98
35) Caprolactam	8.639	113	39856m	47.145	ng	
36) 4-Chloro-3-methylphenol	8.757	107	162627	44.316	ng	99
37) 2-Methylnaphthalene	8.916	142	304447	41.699	ng	100
38) 1-Methylnaphthalene	9.016	142	284485	40.590	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	185096	43.385	ng	98
41) Hexachlorocyclopentadiene	9.069	237	259756	119.953	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	106400	40.320	ng	100

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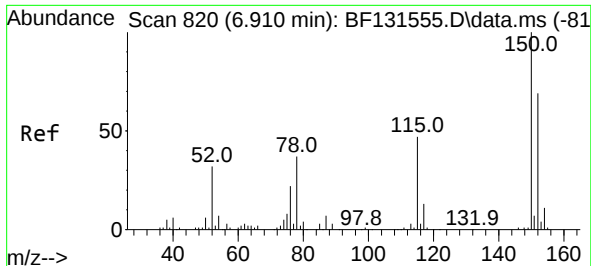
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	121743	42.898	ng	94
46) 1,1'-Biphenyl	9.386	154	393407	43.173	ng	97
47) 2-Chloronaphthalene	9.410	162	313274	42.196	ng	98
48) 2-Nitroaniline	9.504	65	113711	43.237	ng	99
49) Acenaphthylene	9.828	152	471410	43.245	ng	99
50) Dimethylphthalate	9.686	163	379542	43.200	ng	99
51) 2,6-Dinitrotoluene	9.751	165	83144	45.840	ng	# 85
52) Acenaphthene	9.998	154	349593m	47.872	ng	
53) 3-Nitroaniline	9.922	138	55119	31.673	ng	96
54) 2,4-Dinitrophenol	10.028	184	95792	91.631	ng	92
55) Dibenzofuran	10.175	168	439060	42.551	ng	98
56) 4-Nitrophenol	10.080	139	111093	91.893	ng	91
57) 2,4-Dinitrotoluene	10.157	165	112036	46.564	ng	91
58) Fluorene	10.516	166	359139	42.814	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	101770	42.348	ng	# 89
60) Diethylphthalate	10.386	149	377267	44.747	ng	100
61) 4-Chlorophenyl-phenylether	10.504	204	206184	44.478	ng	98
62) 4-Nitroaniline	10.539	138	75075	43.534	ng	98
63) Azobenzene	10.669	77	409789	42.614	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	61504	43.518	ng	92
66) n-Nitrosodiphenylamine	10.627	169	303266	42.039	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	121814	42.436	ng	94
68) Hexachlorobenzene	11.063	284	135238	43.555	ng	97
69) Atrazine	11.157	200	118669	51.802	ng	97
70) Pentachlorophenol	11.257	266	144566	90.440	ng	99
71) Phenanthrene	11.486	178	521973	41.967	ng	100
72) Anthracene	11.533	178	535994	44.295	ng	99
73) Carbazole	11.692	167	439422	44.489	ng	99
74) Di-n-butylphthalate	12.016	149	563935	46.539	ng	99
75) Fluoranthene	12.674	202	567847	44.337	ng	99
77) Benzidine	12.798	184	224188	67.293	ng	98
78) Pyrene	12.904	202	566743	46.225	ng	100
80) Butylbenzylphthalate	13.521	149	179408	50.564	ng	96
81) Benzo(a)anthracene	14.098	228	401709	44.737	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	95591	37.417	ng	# 94
83) Chrysene	14.139	228	379231	44.424	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	213623	44.435	ng	98
85) Di-n-octyl phthalate	14.704	149	316505	40.835	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	374566	43.619	ng	100
88) Benzo(b)fluoranthene	15.174	252	321402m	46.344	ng	
89) Benzo(k)fluoranthene	15.204	252	317343	43.841	ng	100
90) Benzo(a)pyrene	15.557	252	278433	47.045	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	319734	45.240	ng	98
92) Benzo(g,h,i)perylene	17.633	276	317073	44.639	ng	98

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

Manual Integrations APPROVED

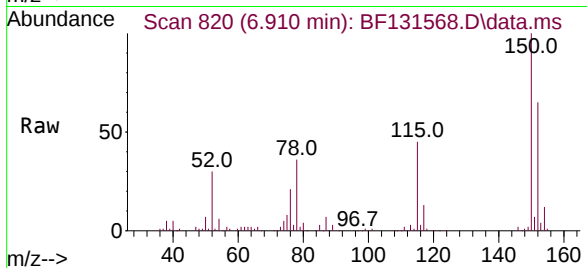
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

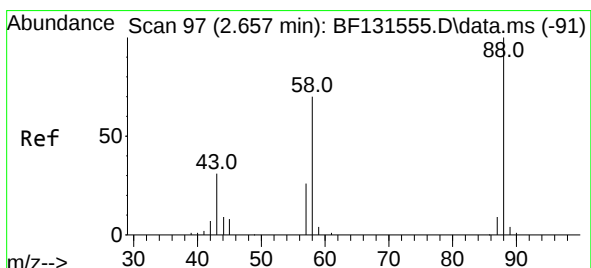
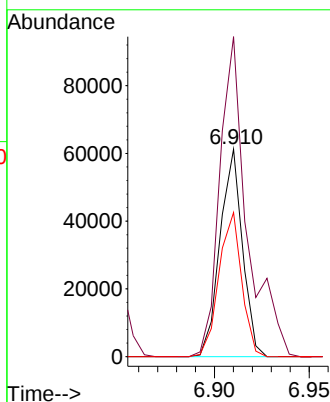
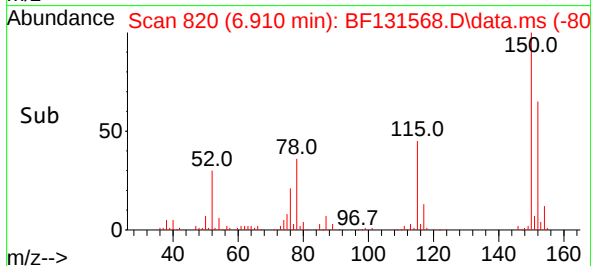
Instrument :
BNA_F
ClientSampleId :
PB149504BS



Tgt Ion:152 Resp: 50339
Ion Ratio Lower Upper
152 100
150 154.2 116.7 175.1
115 69.5 54.6 82.0

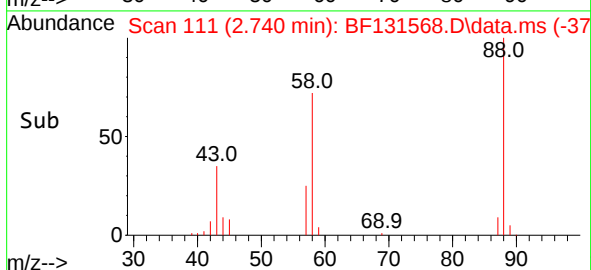
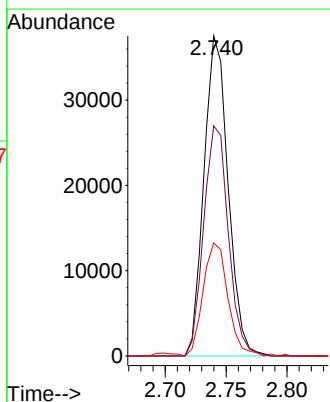
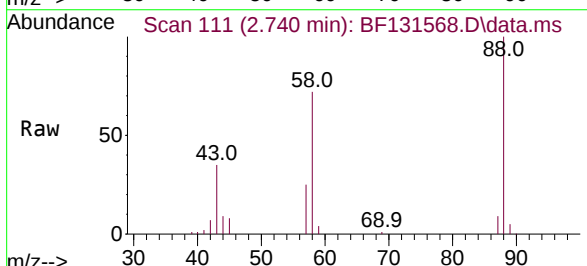
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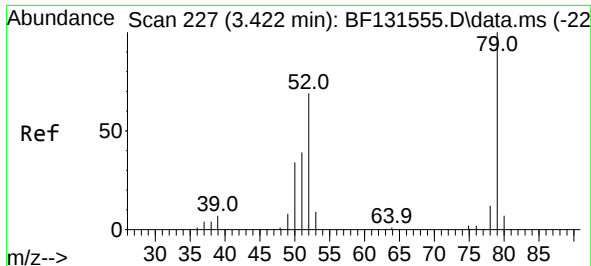
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#2
1,4-Dioxane
Concen: 38.036 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.082 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion: 88 Resp: 51805
Ion Ratio Lower Upper
88 100
58 73.4 60.0 90.0
43 36.3 26.7 40.1





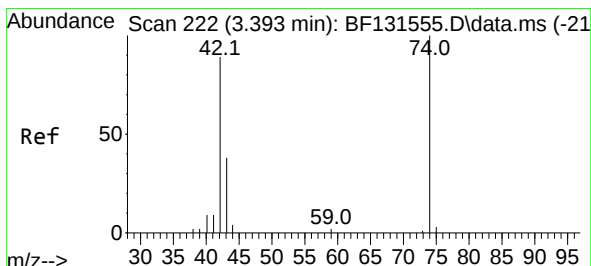
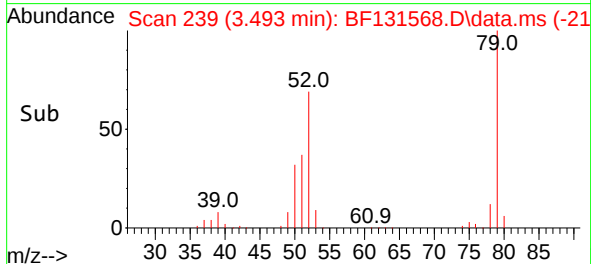
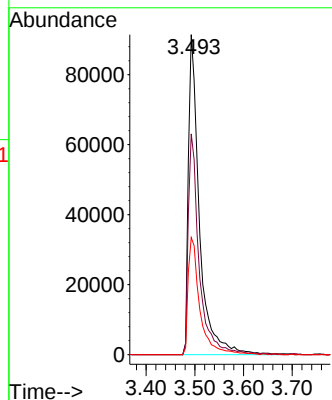
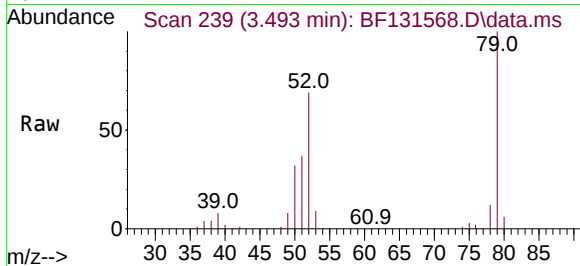
#3
Pyridine
Concen: 38.072 ng
RT: 3.493 min Scan# 231
Delta R.T. 0.071 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion: 79 Resp: 143966
Ion Ratio Lower Upper
79 100
52 69.0 55.0 82.6
51 36.6 31.4 47.2

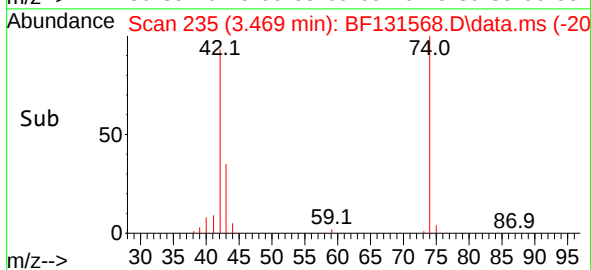
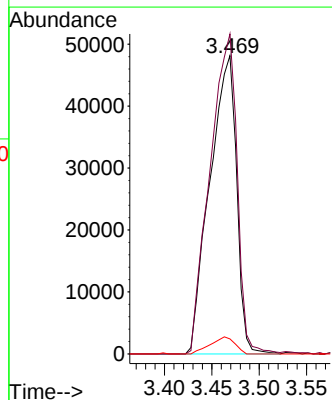
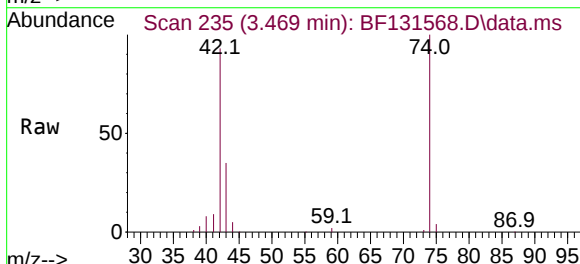
Manual Integrations
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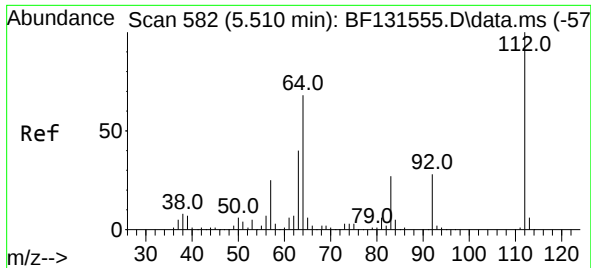
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#4
n-Nitrosodimethylamine
Concen: 45.320 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.076 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion: 42 Resp: 94512
Ion Ratio Lower Upper
42 100
74 107.3 90.2 135.2
44 5.0 3.7 5.5





#5
2-Fluorophenol
Concen: 152.647 ng
RT: 5.528 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

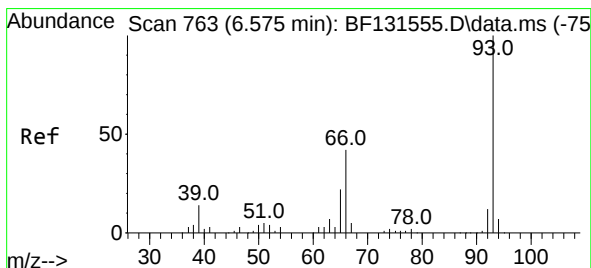
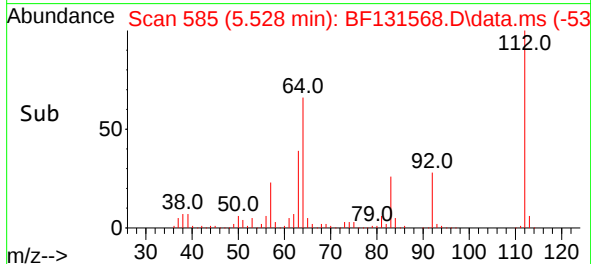
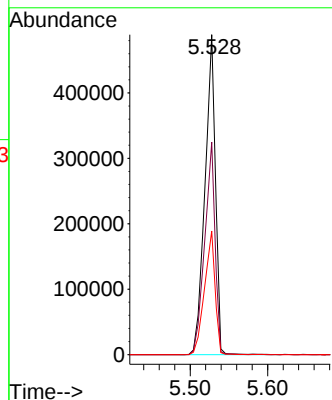
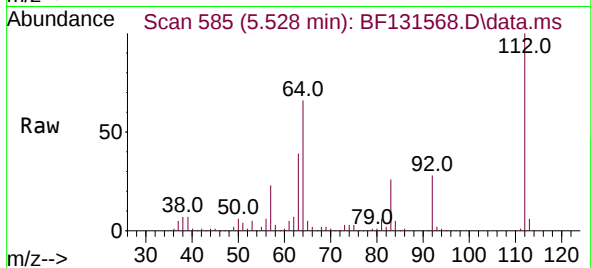
PB149504BS

Tgt Ion:112 Resp: 460598
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 38.6 31.9 47.9

Manual Integrations

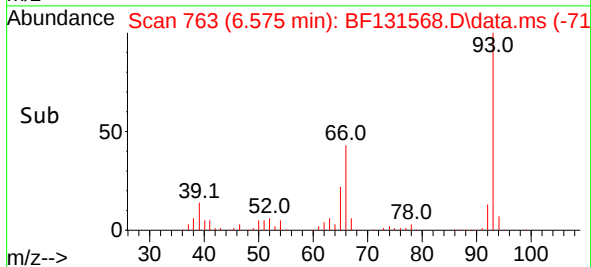
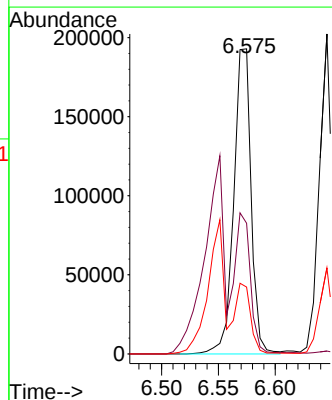
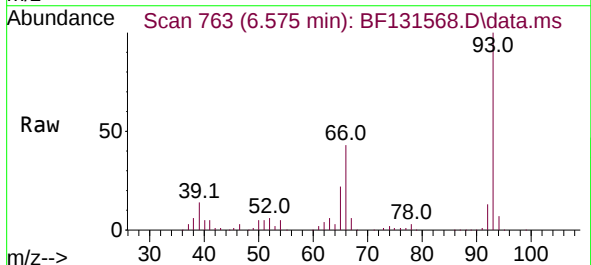
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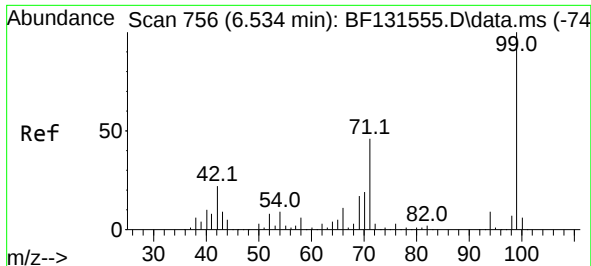
Reviewed By :Christian Giraldo 12/10/2022
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#6
Aniline
Concen: 43.509 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

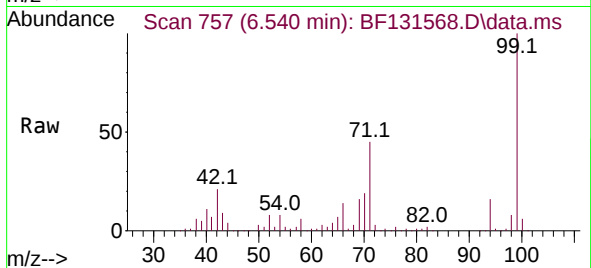
Tgt Ion: 93 Resp: 205752
Ion Ratio Lower Upper
93 100
66 42.8 34.6 51.8
65 21.9 17.7 26.5





#7
Phenol-d6
Concen: 149.011 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

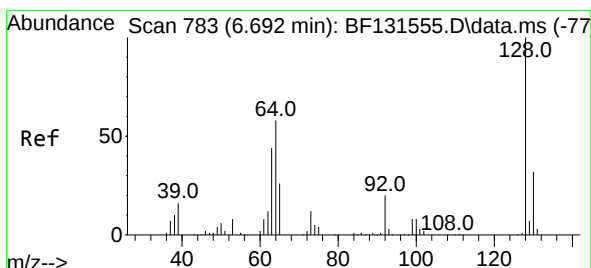
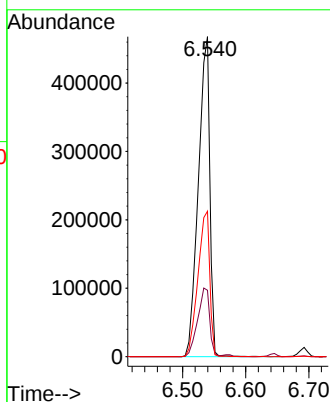
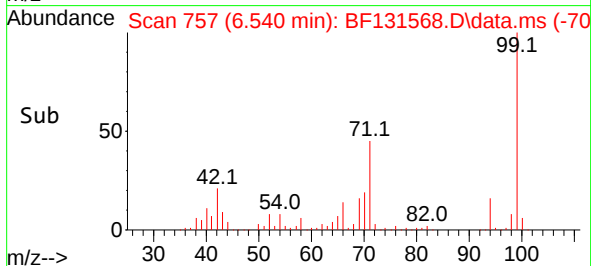
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Tgt Ion: 99 Resp: 589203
Ion Ratio Lower Upper
99 100
42 20.7 17.9 26.9
71 45.4 37.2 55.8

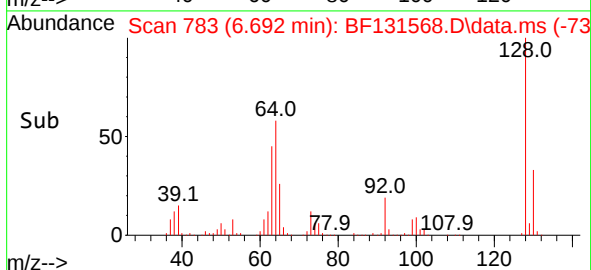
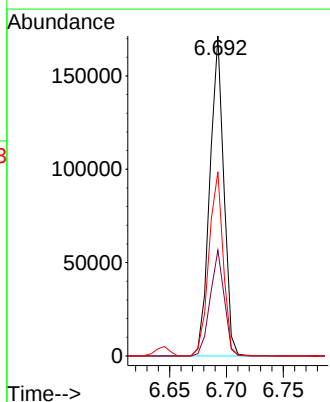
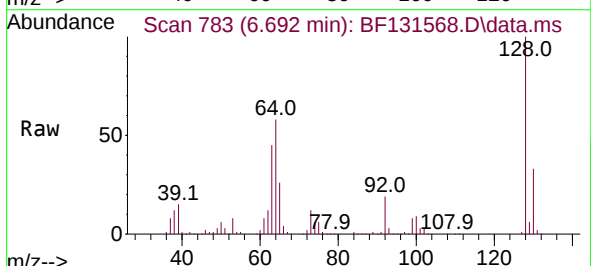
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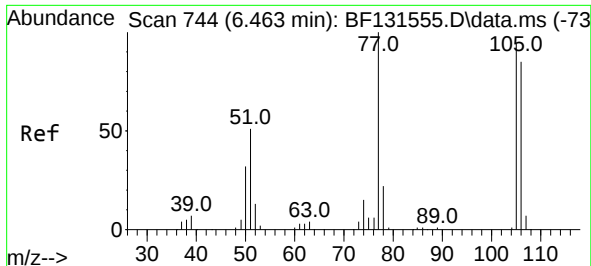
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#8
2-Chlorophenol
Concen: 45.946 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:128 Resp: 146921
Ion Ratio Lower Upper
128 100
130 33.0 11.6 51.6
64 57.5 40.6 80.6





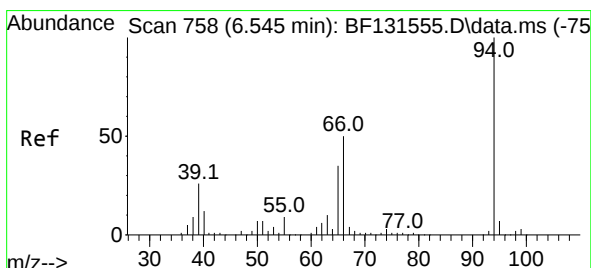
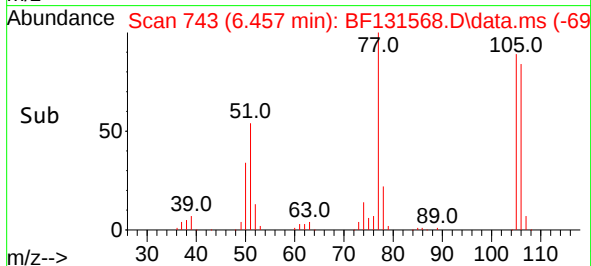
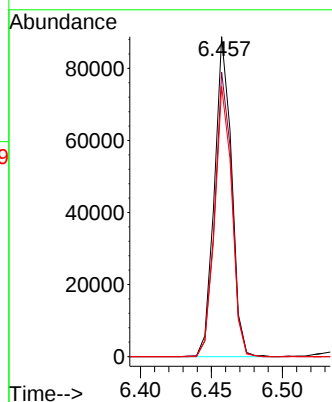
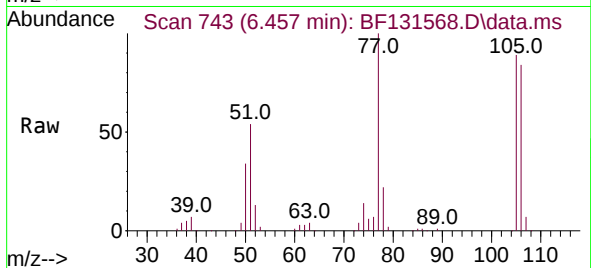
#9
Benzaldehyde
Concen: 27.555 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion: 77 Resp: 7464
Ion Ratio Lower Upper
77 100
105 88.9 73.8 113.8
106 84.4 65.2 105.2

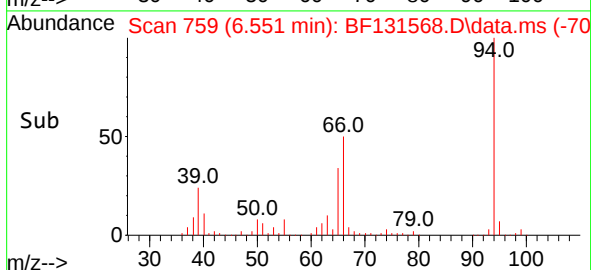
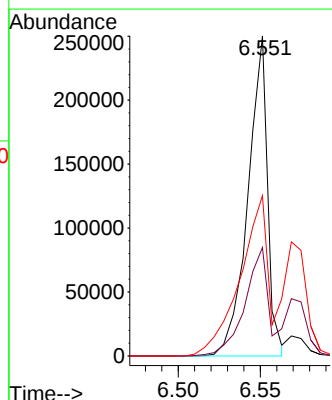
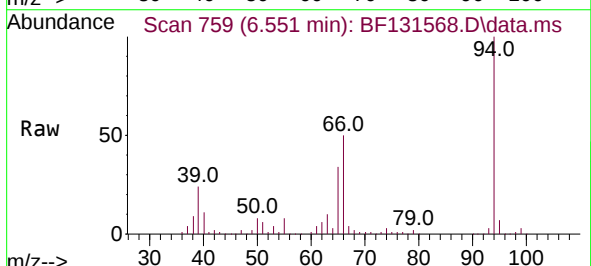
Manual Integrations
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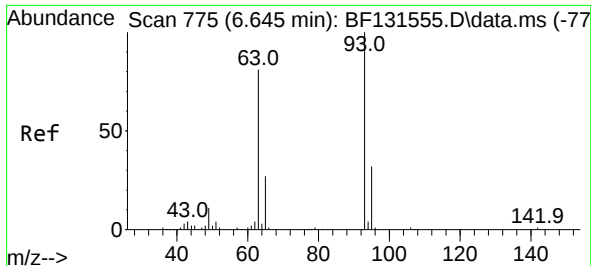
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#10
Phenol
Concen: 47.191 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion: 94 Resp: 208136
Ion Ratio Lower Upper
94 100
65 33.9 14.8 54.8
66 50.1 30.8 70.8





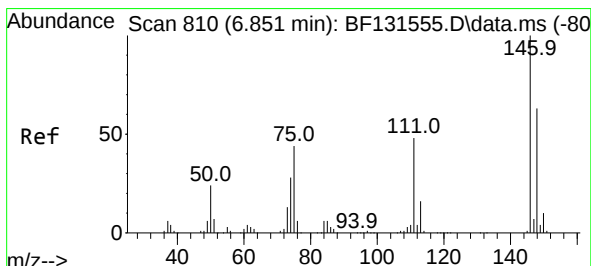
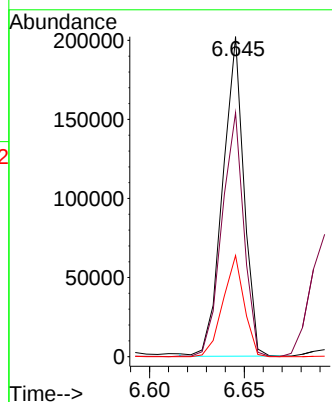
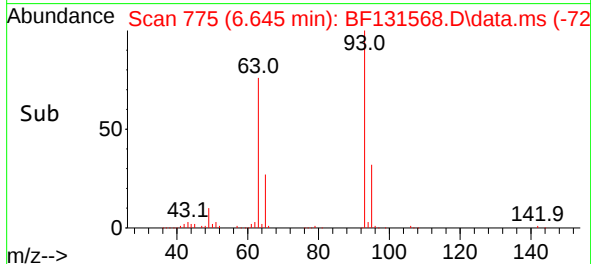
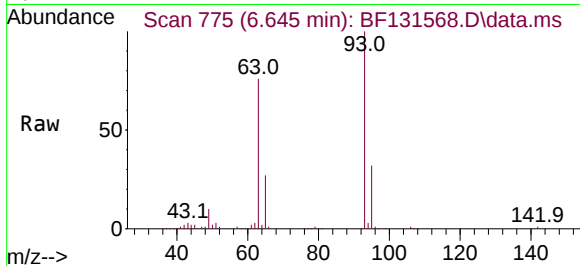
#11
bis(2-Chloroethyl)ether
Concen: 47.537 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion: 93 Resp: 157163
Ion Ratio Lower Upper
93 100
63 76.2 60.4 100.4
95 31.6 12.3 52.3

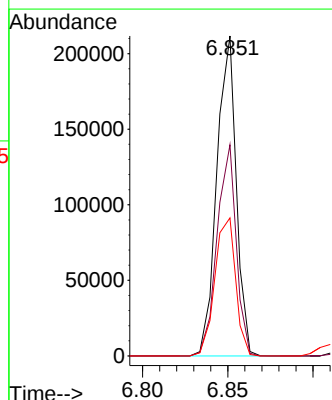
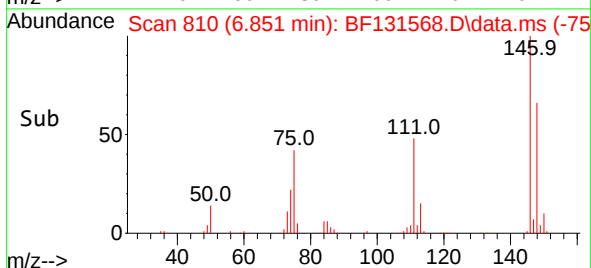
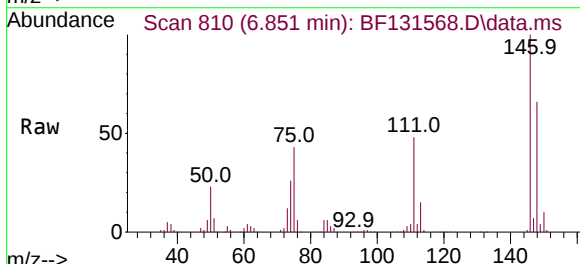
Manual Integrations
APPROVED

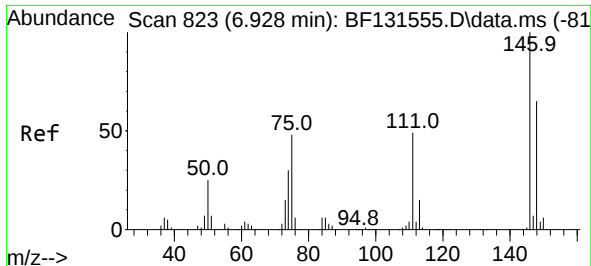
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#12
1,3-Dichlorobenzene
Concen: 45.202 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

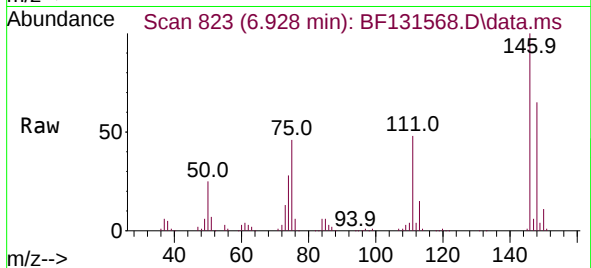
Tgt Ion:146 Resp: 167579
Ion Ratio Lower Upper
146 100
148 66.0 50.7 76.1
75 43.1 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 45.400 ng
RT: 6.928 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

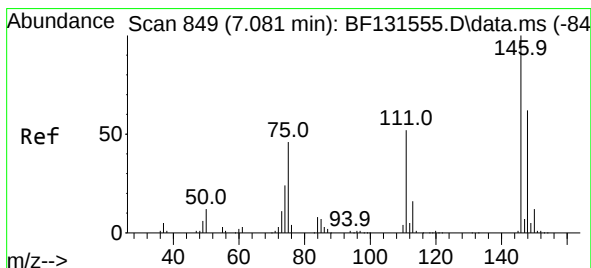
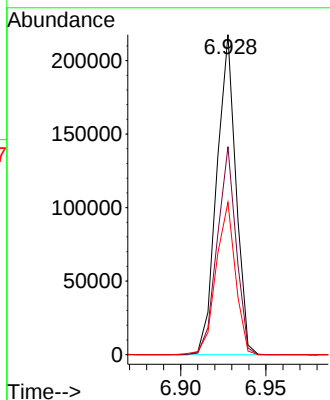
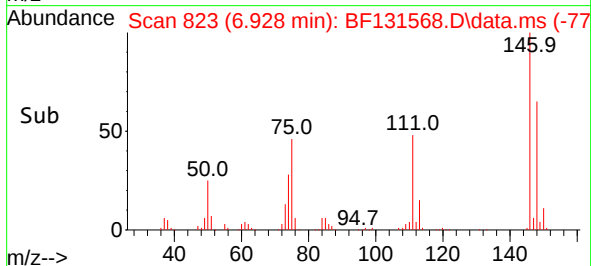
Instrument :
BNA_F
ClientSampleId :
PB149504BS



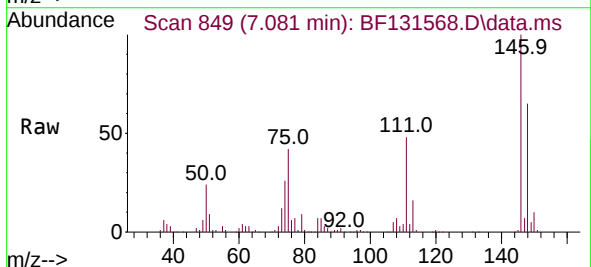
Tgt Ion:146 Resp: 169772
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 47.6 38.9 58.3

Manual Integrations
APPROVED

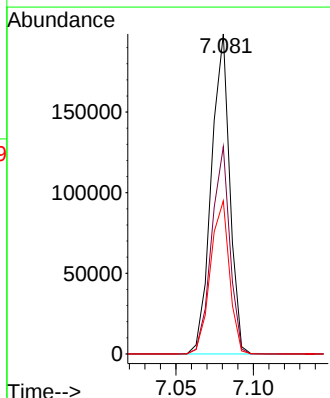
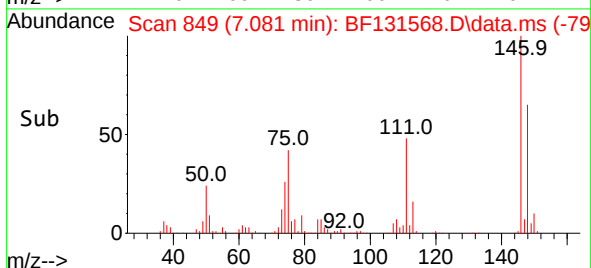
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

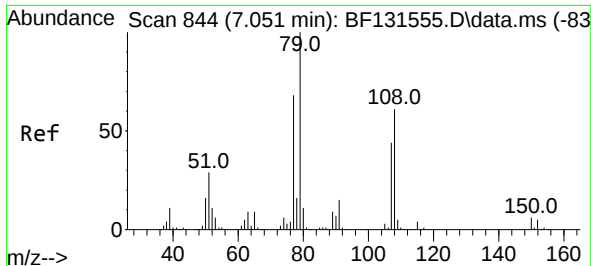


#14
1,2-Dichlorobenzene
Concen: 46.085 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:146 Resp: 164624
Ion Ratio Lower Upper
146 100
148 64.8 49.9 74.9
111 47.8 41.8 62.6





#15

Benzyl Alcohol

Concen: 42.341 ng m

RT: 7.057 min Scan# 844

Delta R.T. 0.006 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

Tgt Ion: 79 Resp: 153488

Ion Ratio Lower Upper

79 100

108 60.4 49.2 73.8

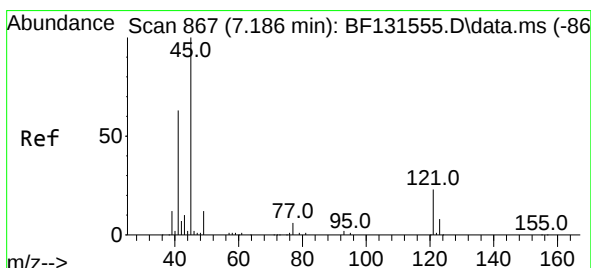
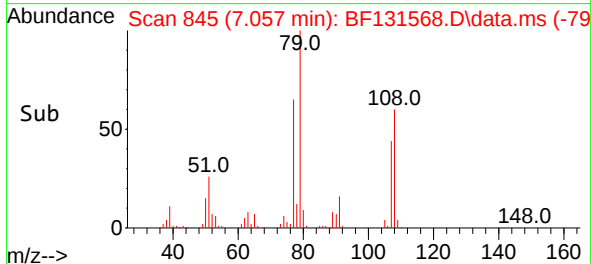
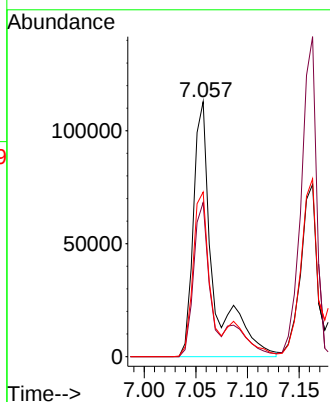
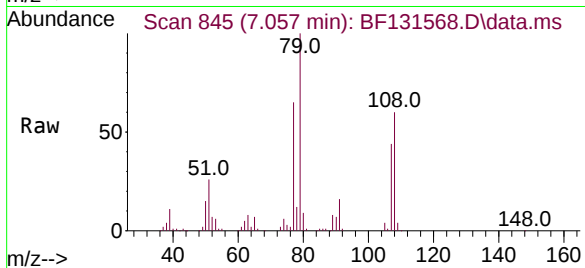
77 64.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.251 ng

RT: 7.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

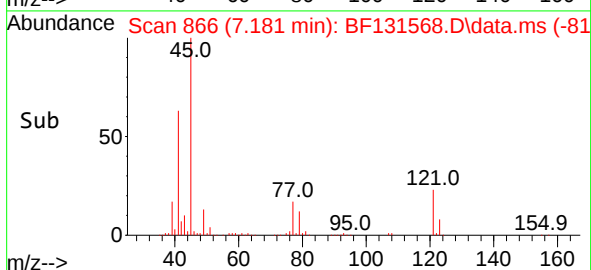
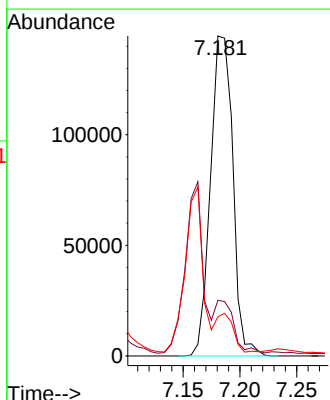
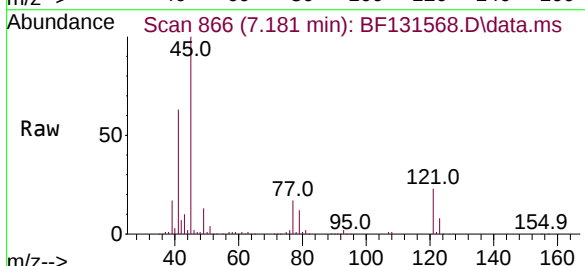
Tgt Ion: 45 Resp: 197524

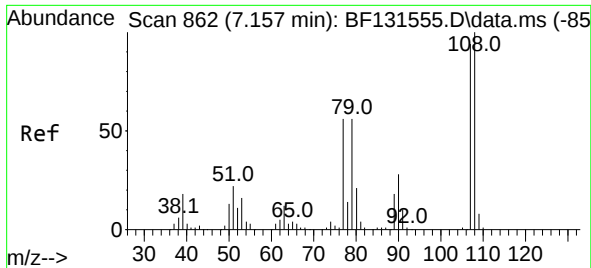
Ion Ratio Lower Upper

45 100

77 17.4 0.0 37.7

79 12.2 0.0 33.6





#17
2-Methylphenol
Concen: 46.915 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

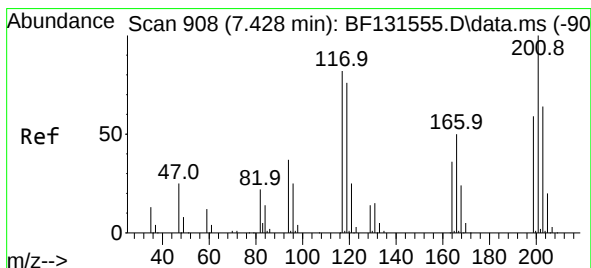
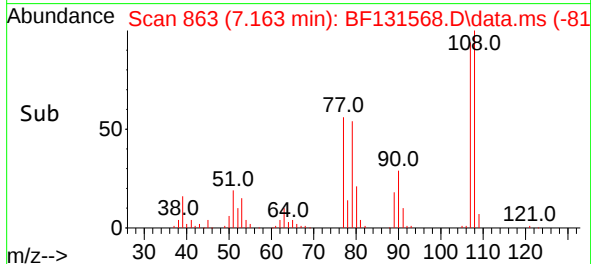
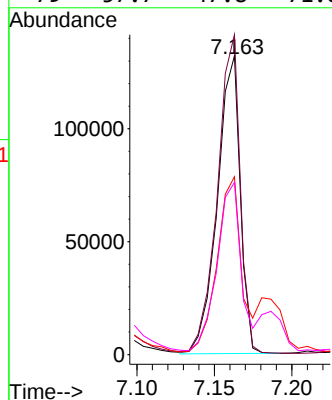
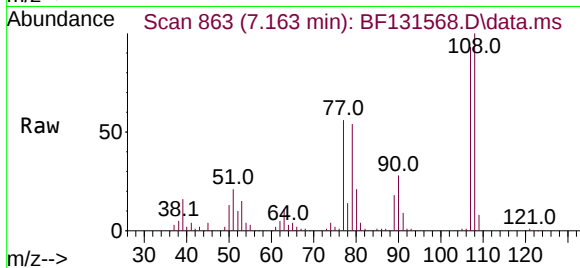
PB149504BS

Tgt Ion:107 Resp: 135203
Ion Ratio Lower Upper
107 100
108 107.1 85.5 128.3
77 59.5 48.2 72.4
79 57.7 47.8 71.8

Manual Integrations

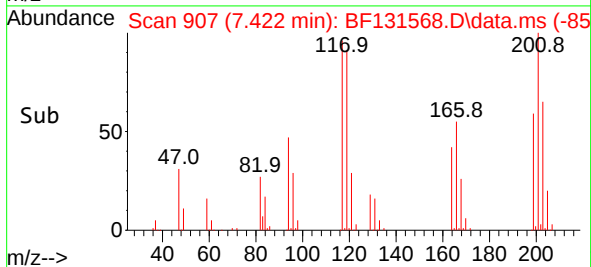
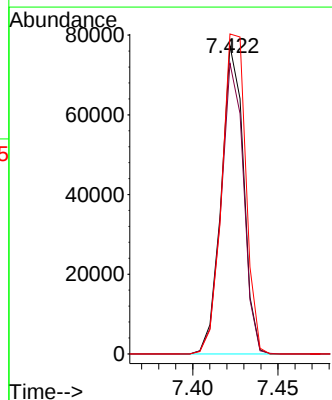
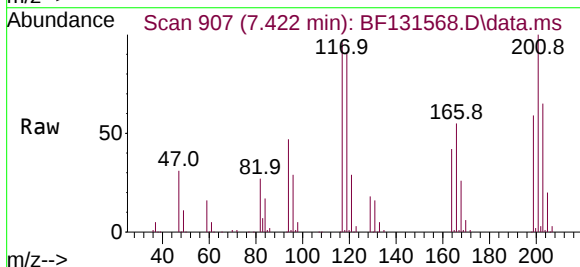
APPROVED

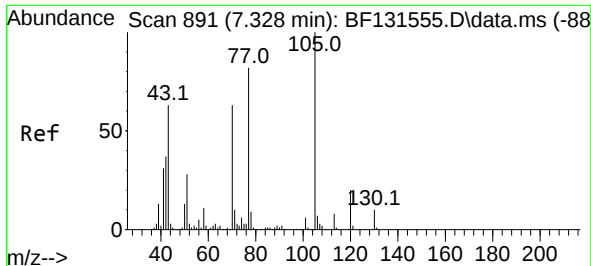
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#18
Hexachloroethane
Concen: 46.536 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:117 Resp: 70199
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.4
201 103.8 98.0 147.0





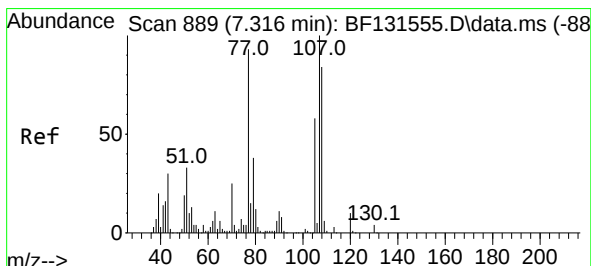
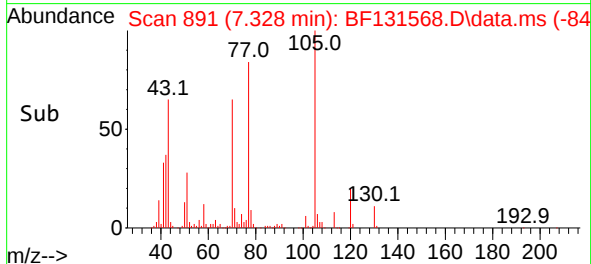
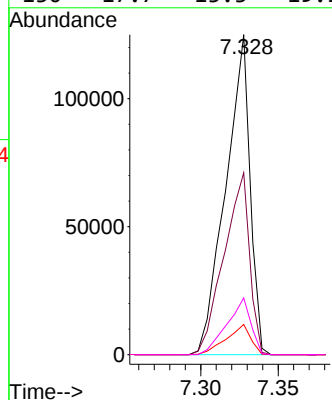
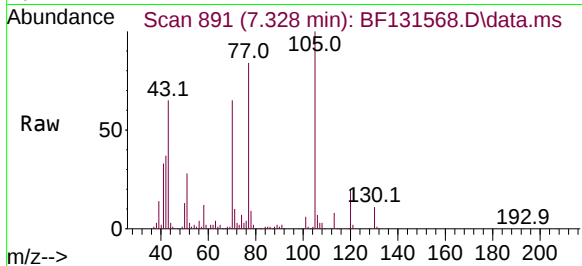
#19
n-Nitroso-di-n-propylamine
Concen: 45.944 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion: 70 Resp: 136222
Ion Ratio Lower Upper
70 100
42 56.8 46.4 69.6
101 9.4 7.2 10.8
130 17.7 13.3 19.9

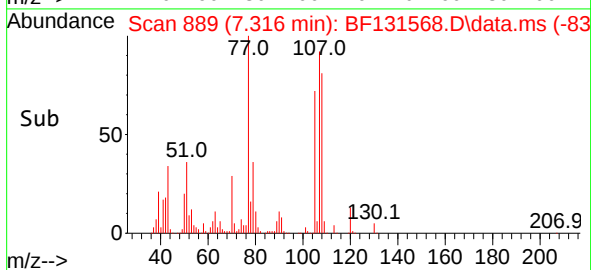
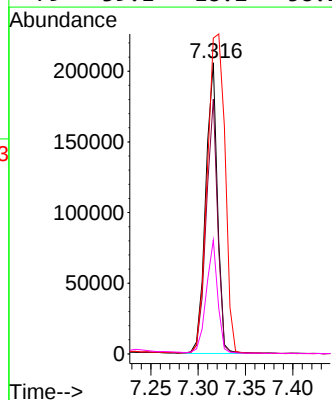
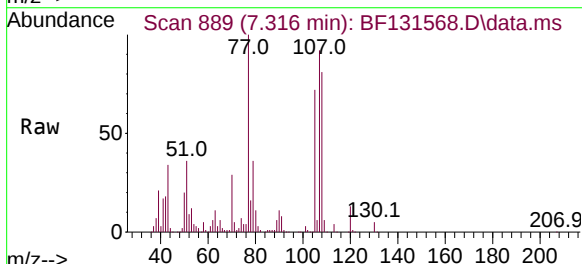
Manual Integrations
APPROVED

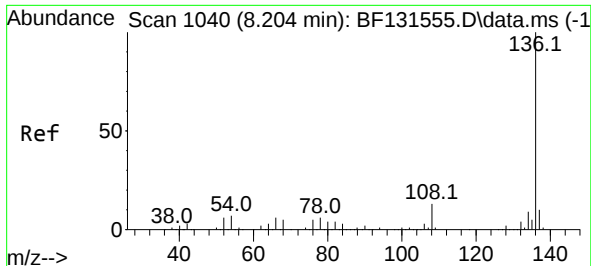
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#20
3+4-Methylphenols
Concen: 45.568 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:107 Resp: 178865
Ion Ratio Lower Upper
107 100
108 87.5 64.0 104.0
77 108.5 73.1 113.1
79 39.1 18.2 58.2





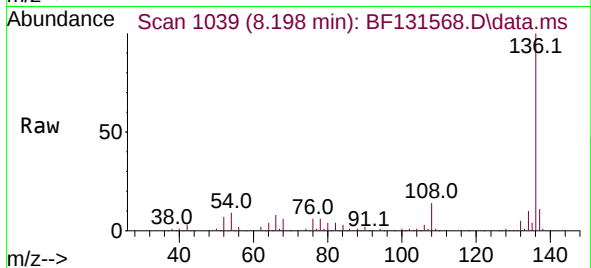
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

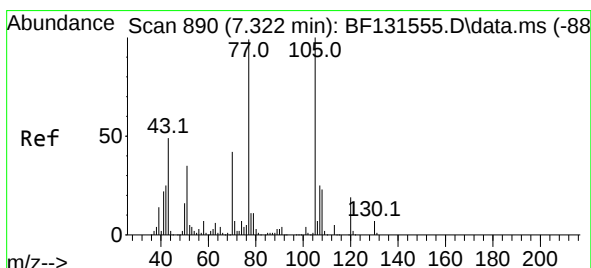
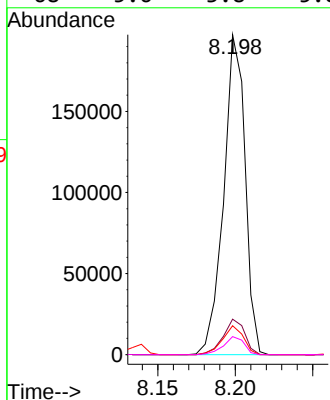
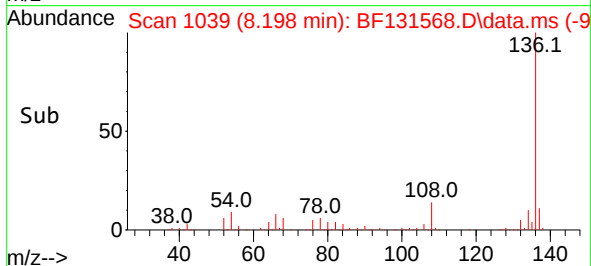


Tgt Ion:136 Resp: 189547
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.0 6.0 9.0
68 5.6 3.8 5.8

Manual Integrations

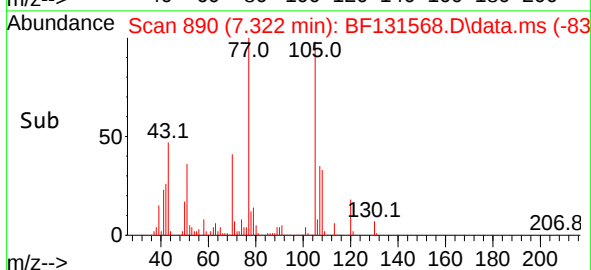
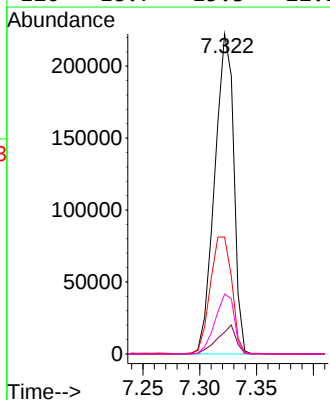
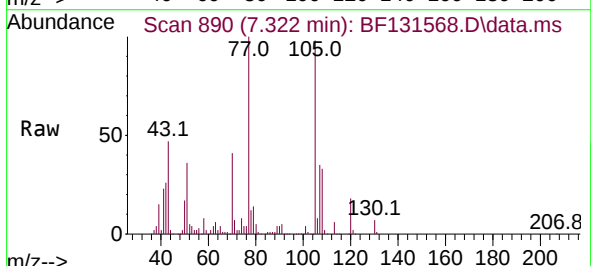
APPROVED

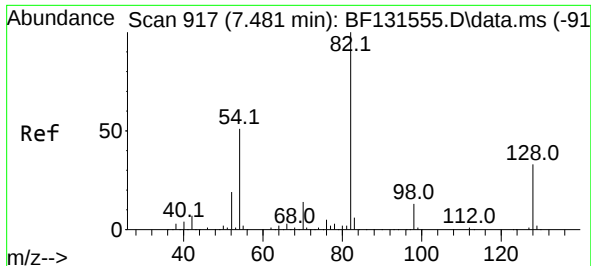
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#22
Acetophenone
Concen: 43.618 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:105 Resp: 259089
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 36.5 27.8 41.6
120 18.7 15.3 22.9





#23

Nitrobenzene-d5

Concen: 83.777 ng

RT: 7.481 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

Tgt Ion: 82 Resp: 420020

Ion Ratio Lower Upper

82 100

128 33.1 26.1 39.1

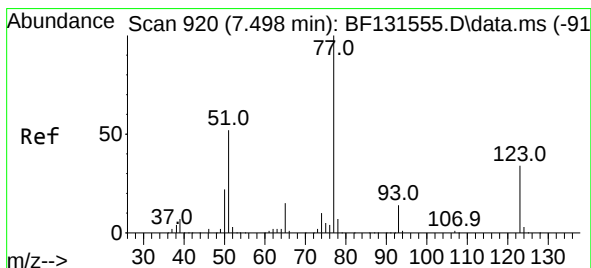
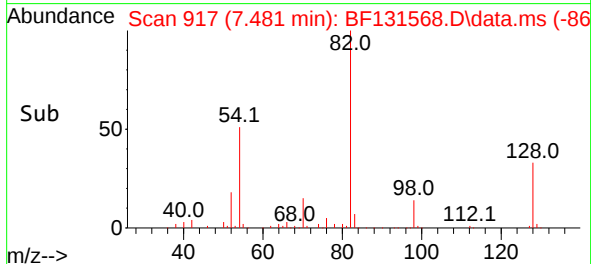
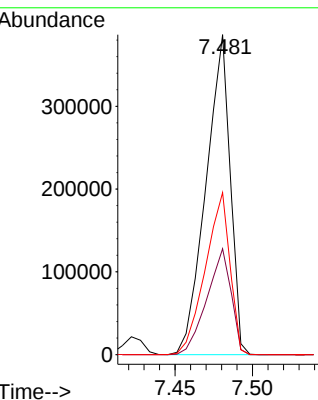
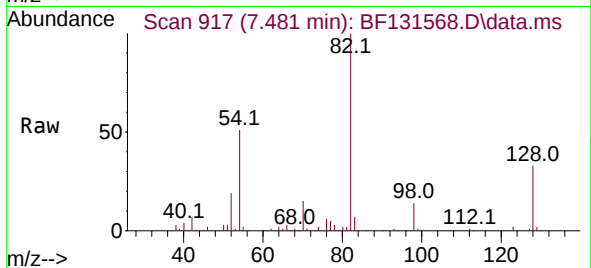
54 50.6 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#24

Nitrobenzene

Concen: 41.817 ng

RT: 7.498 min Scan# 920

Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

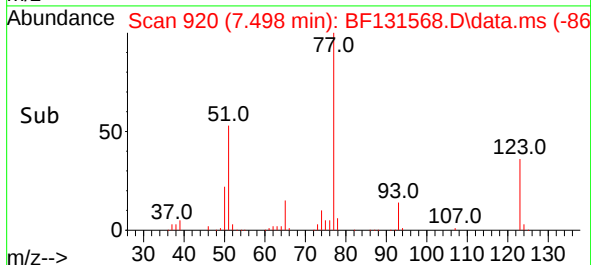
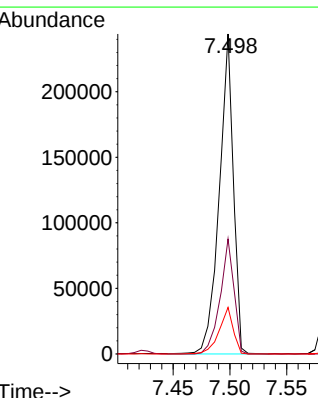
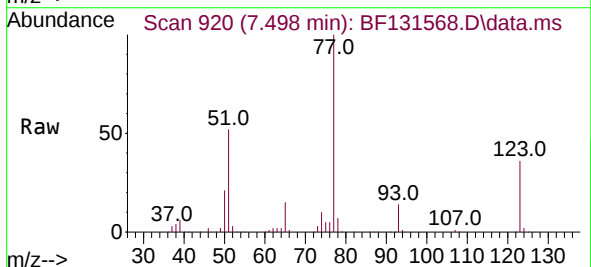
Tgt Ion: 77 Resp: 211455

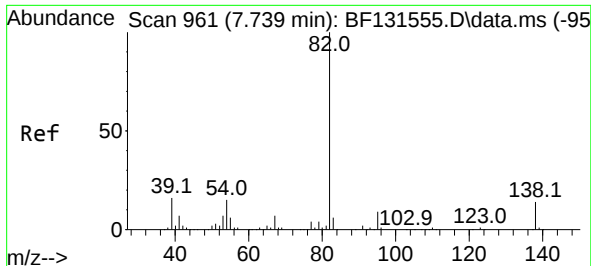
Ion Ratio Lower Upper

77 100

123 35.9 27.1 40.7

65 14.5 11.9 17.9





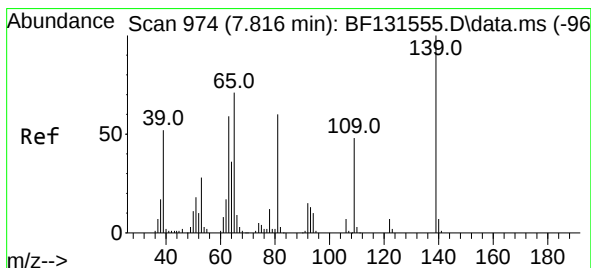
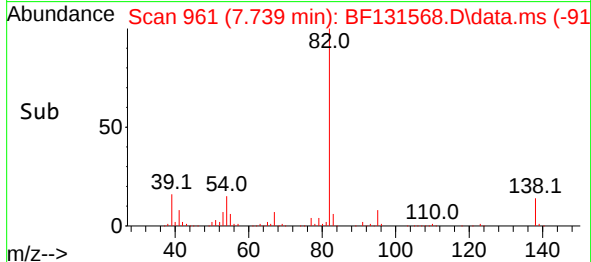
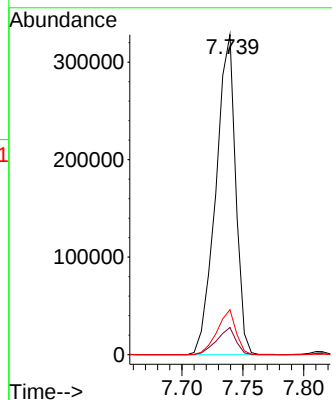
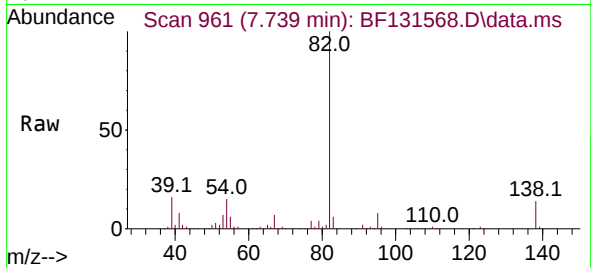
#25
Isophorone
Concen: 45.917 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion: 82 Resp: 370808
Ion Ratio Lower Upper
82 100
95 8.5 6.9 10.3
138 14.0 11.4 17.0

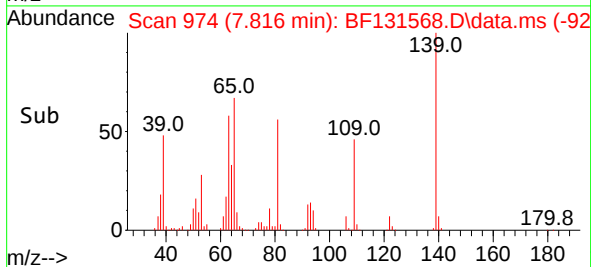
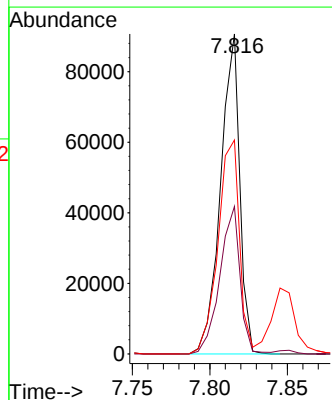
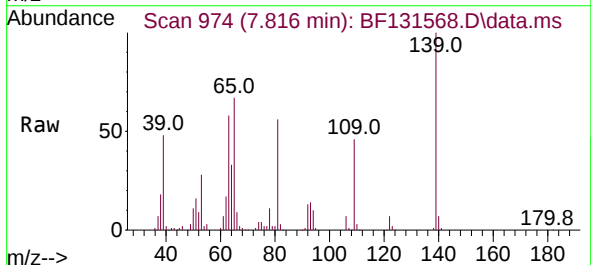
Manual Integrations
APPROVED

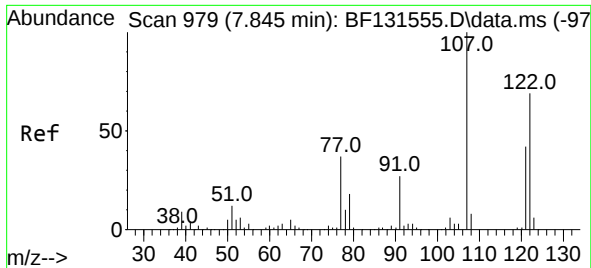
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 45.211 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:139 Resp: 77961
Ion Ratio Lower Upper
139 100
109 46.1 38.6 58.0
65 66.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 51.145 ng m

RT: 7.851 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

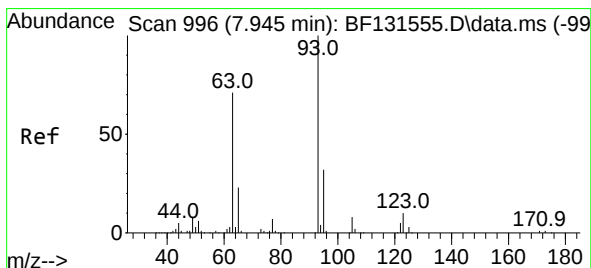
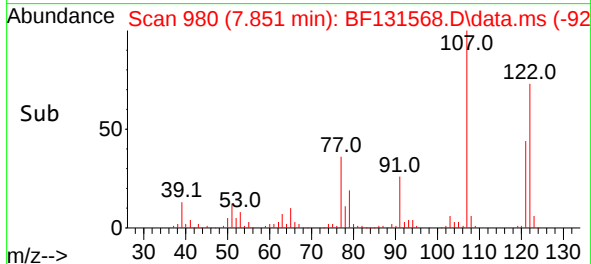
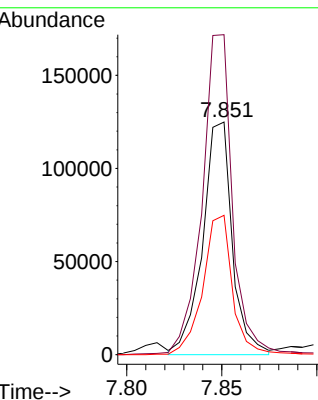
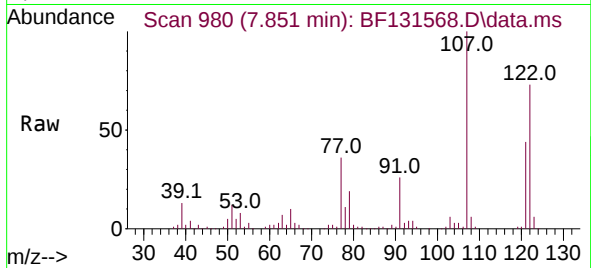
PB149504BS

Tgt Ion:122 Resp: 135179
 Ion Ratio Lower Upper
 122 100
 107 137.6 114.2 171.2
 121 59.9 48.2 72.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.426 ng

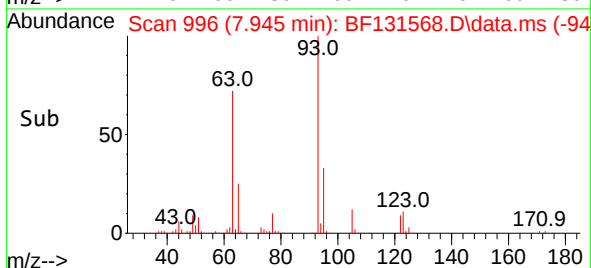
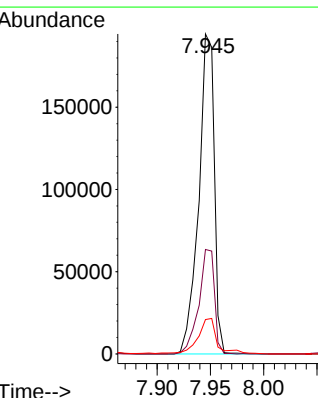
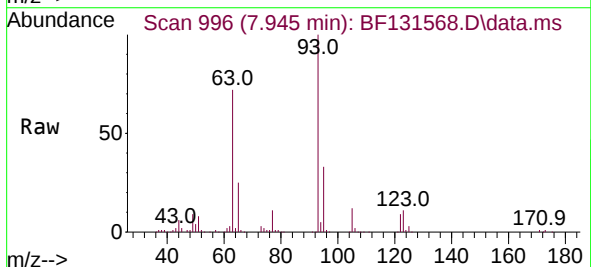
RT: 7.945 min Scan# 996

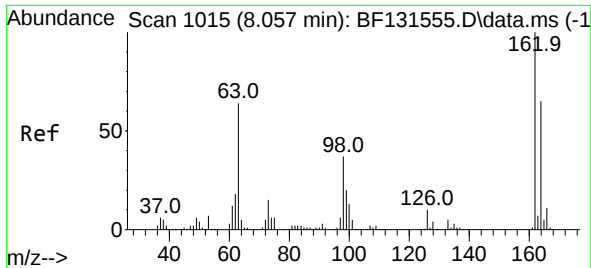
Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Tgt Ion: 93 Resp: 198125
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.671 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

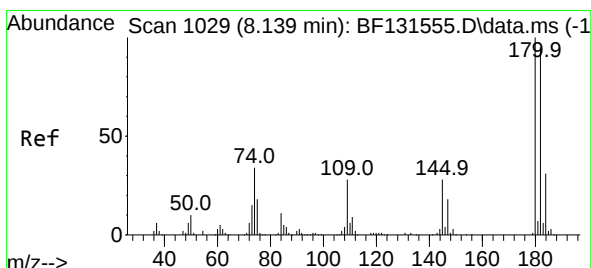
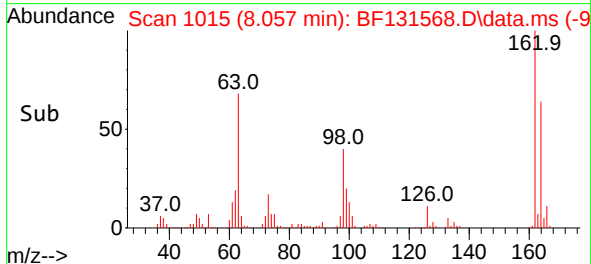
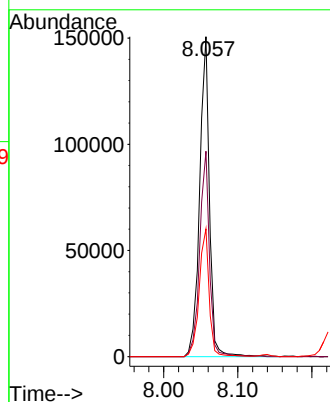
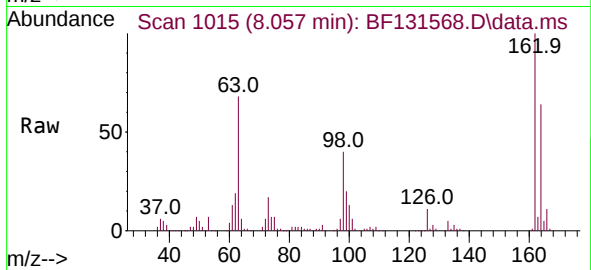
PB149504BS

Tgt Ion:162	Resp: 139452
Ion Ratio	Lower Upper
162 100	
164 64.2	45.0 85.0
98 39.9	16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.699 ng

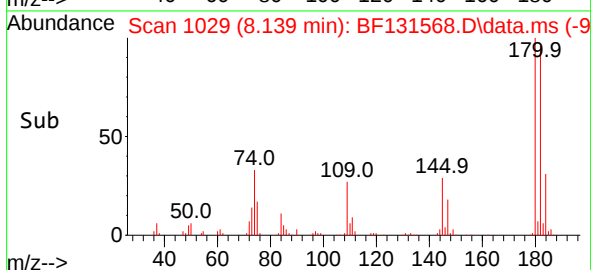
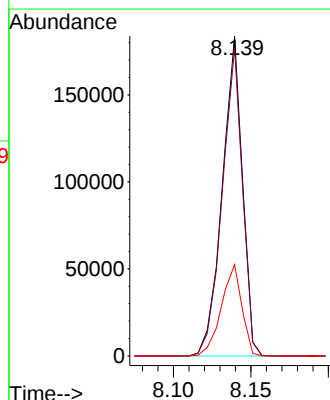
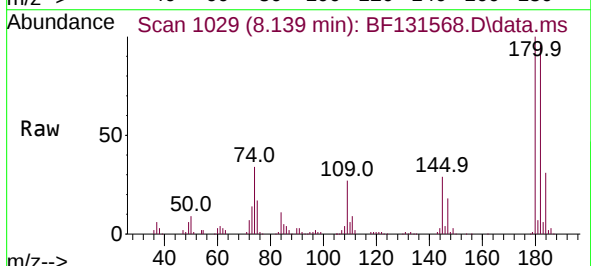
RT: 8.139 min Scan# 1029

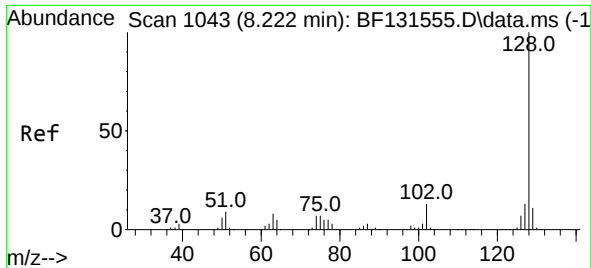
Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

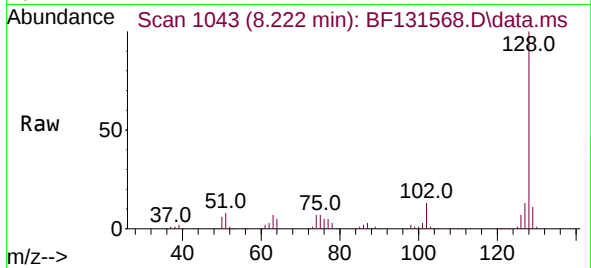
Tgt Ion:180	Resp: 167120
Ion Ratio	Lower Upper
180 100	
182 96.3	75.8 113.6
145 28.5	22.4 33.6





#31
Naphthalene
Concen: 41.164 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

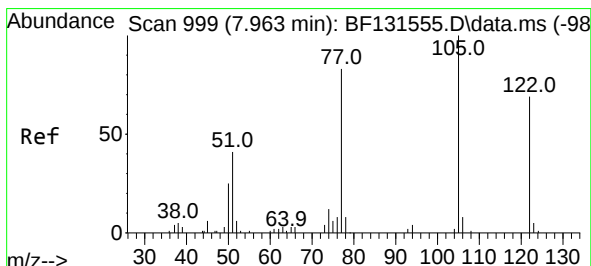
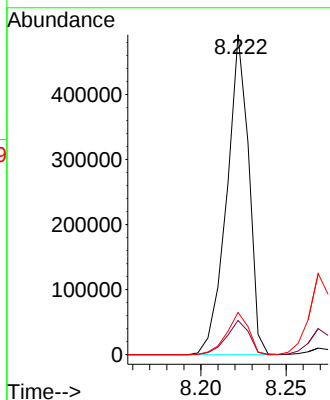
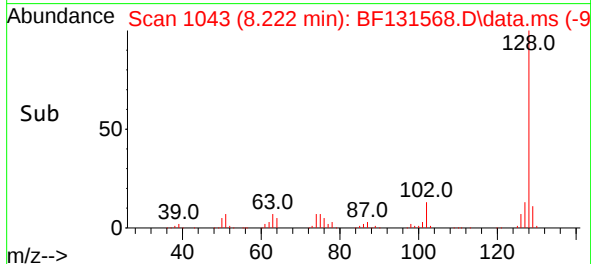
Instrument :
BNA_F
ClientSampleId :
PB149504BS



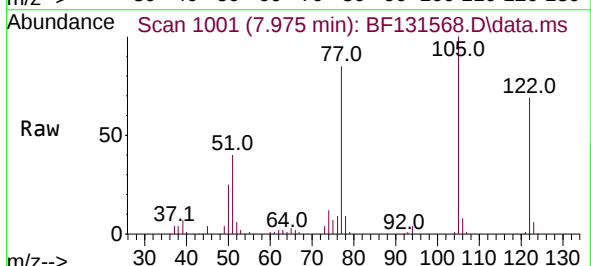
Tgt Ion:128 Resp: 439460
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.2 10.6 15.8

Manual Integrations
APPROVED

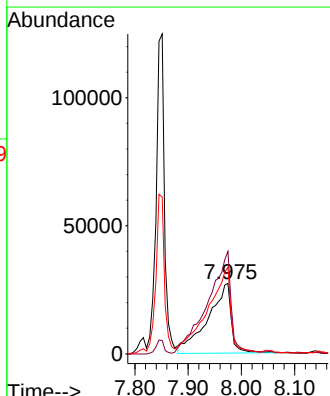
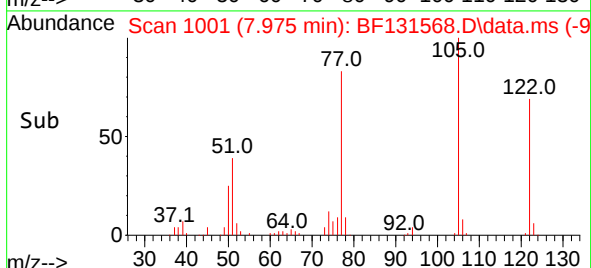
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

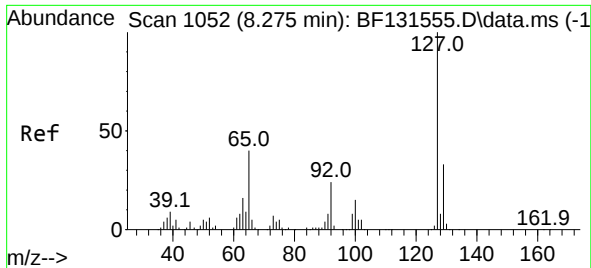


#32
Benzoic acid
Concen: 43.466 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:122 Resp: 83201
Ion Ratio Lower Upper
122 100
105 145.3 119.8 159.8
77 123.0 97.6 137.6





#33
4-Chloroaniline
Concen: 28.199 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

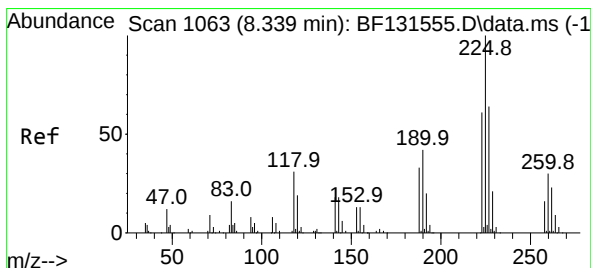
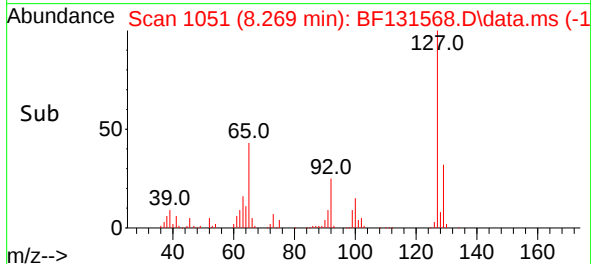
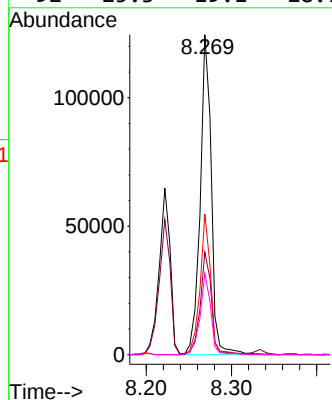
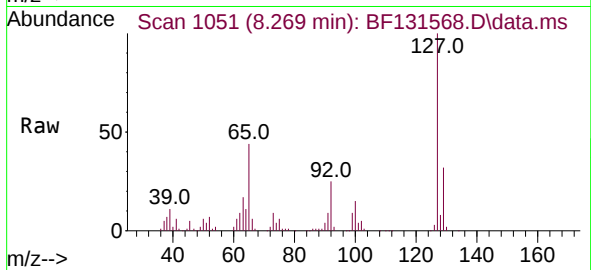
PB149504BS

Tgt Ion:127 Resp: 112845
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 43.9 31.9 47.9
92 25.3 19.1 28.7

Manual Integrations

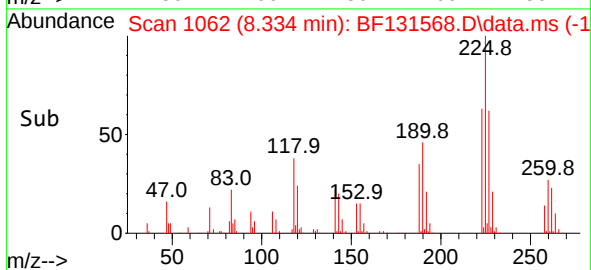
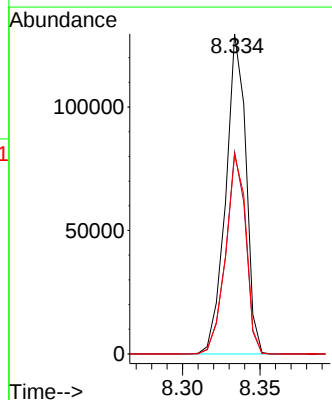
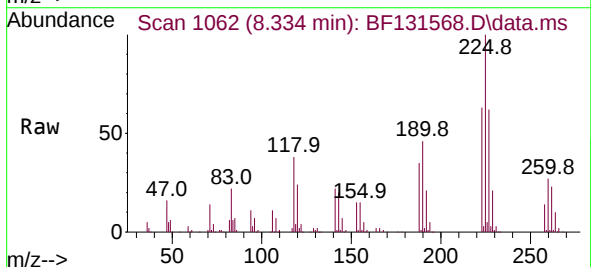
APPROVED

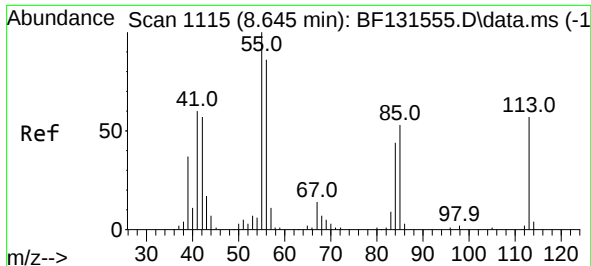
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 41.559 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

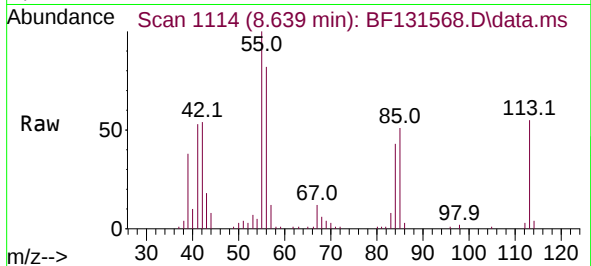
Tgt Ion:225 Resp: 117387
Ion Ratio Lower Upper
225 100
223 63.1 48.7 73.1
227 62.2 51.0 76.6





#35
Caprolactam
Concen: 47.145 ng m
RT: 8.639 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

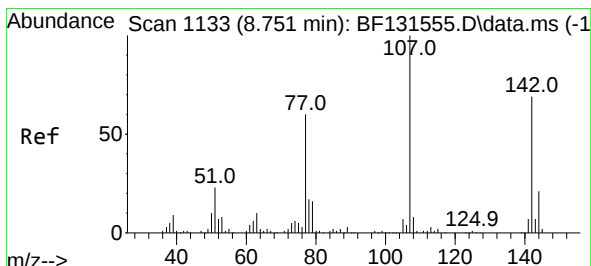
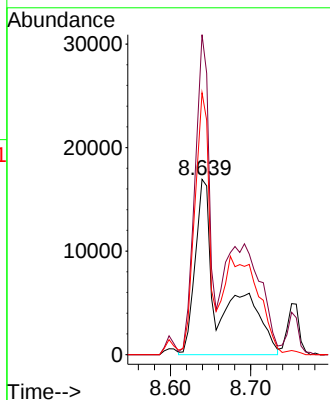
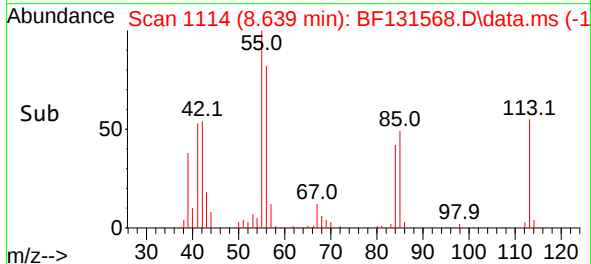
Instrument :
BNA_F
ClientSampleId :
PB149504BS



Tgt Ion:113 Resp: 39856
Ion Ratio Lower Upper
113 100
55 182.5 155.8 195.8
56 149.3 131.7 171.7

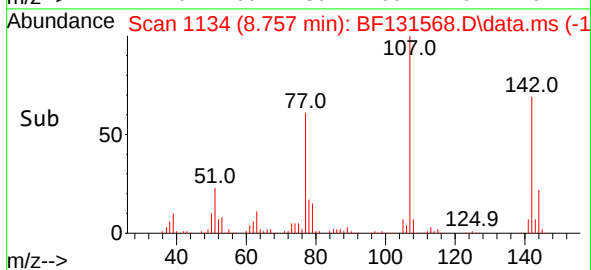
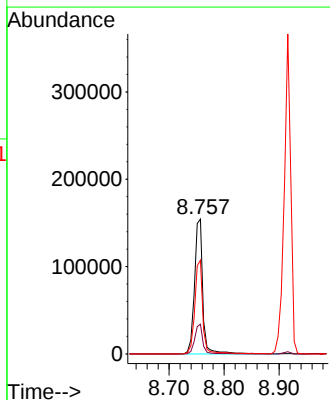
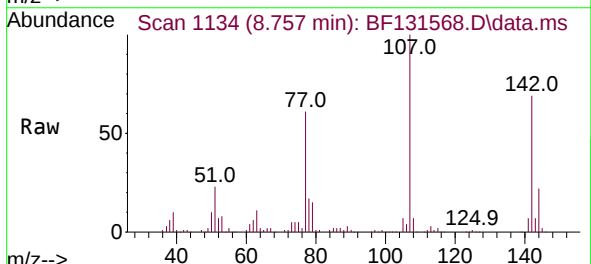
Manual Integrations
APPROVED

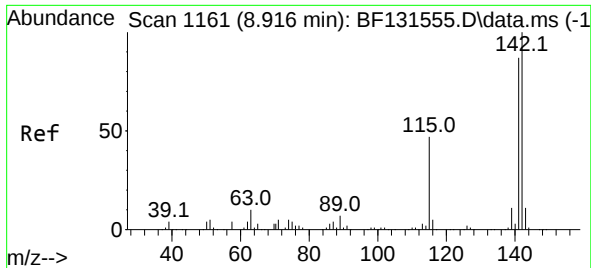
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36
4-Chloro-3-methylphenol
Concen: 44.316 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:107 Resp: 162627
Ion Ratio Lower Upper
107 100
144 22.0 17.0 25.4
142 69.5 54.8 82.2





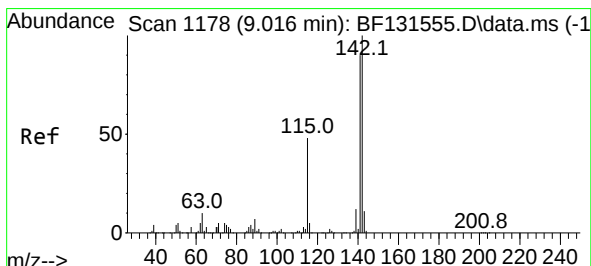
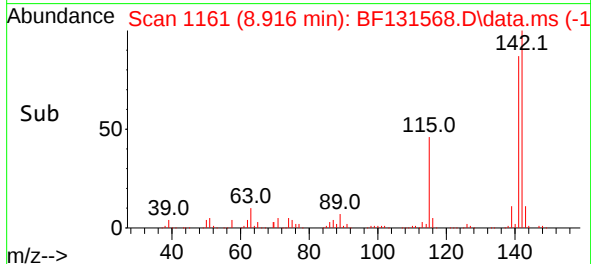
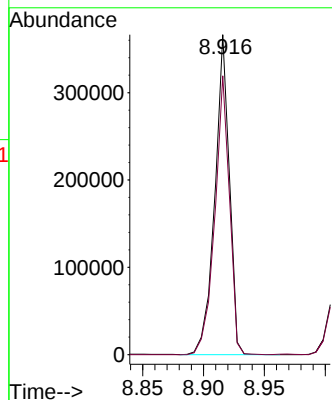
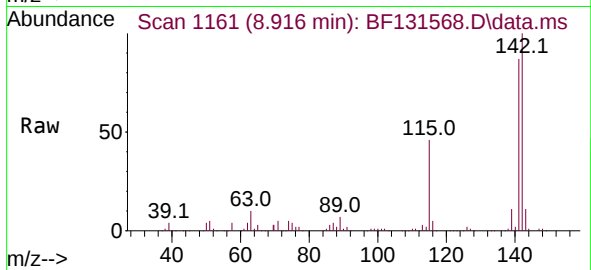
#37
2-Methylnaphthalene
Concen: 41.699 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion:142 Resp: 304447
Ion Ratio Lower Upper
142 100
141 87.1 69.7 104.5

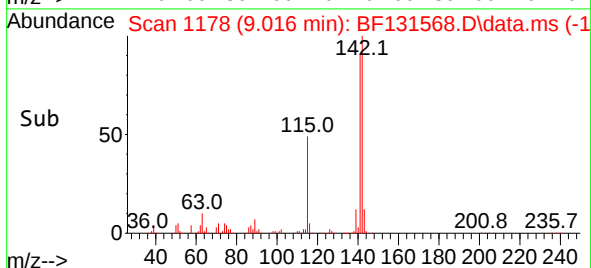
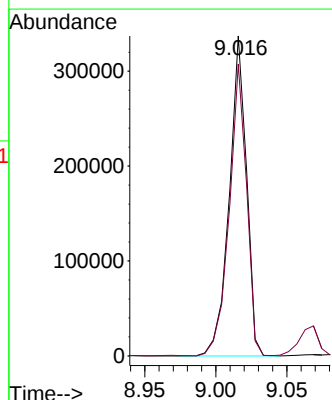
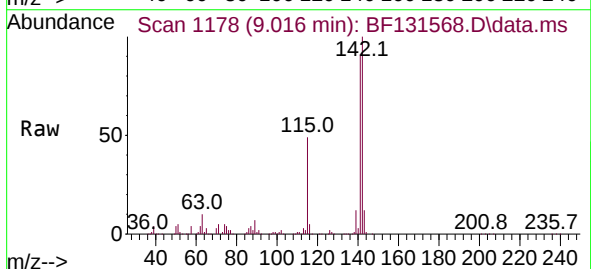
Manual Integrations
APPROVED

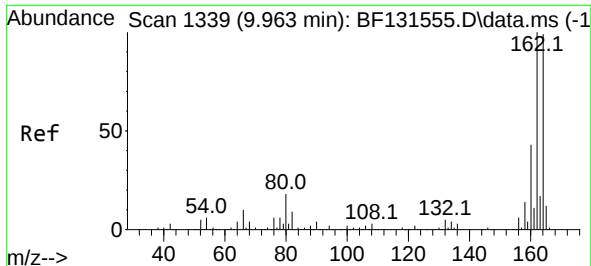
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#38
1-Methylnaphthalene
Concen: 40.590 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:142 Resp: 284485
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9





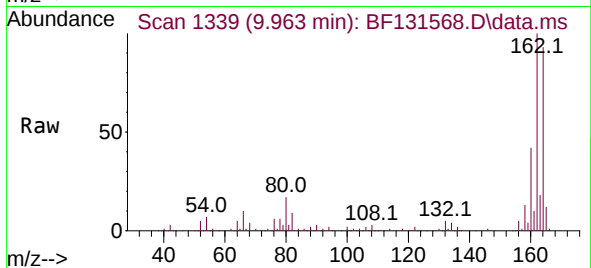
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

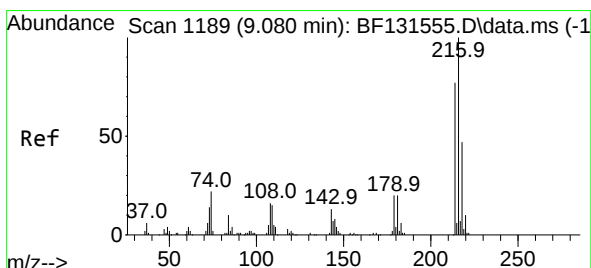
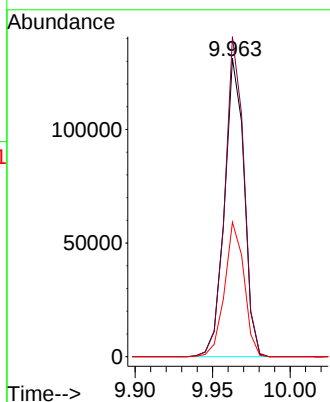
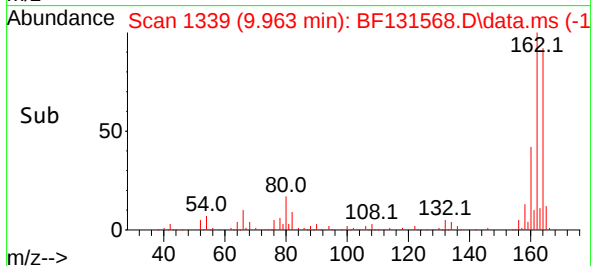


Tgt Ion:164 Resp: 115251
Ion Ratio Lower Upper
164 100
162 107.3 81.0 121.6
160 45.1 35.0 52.6

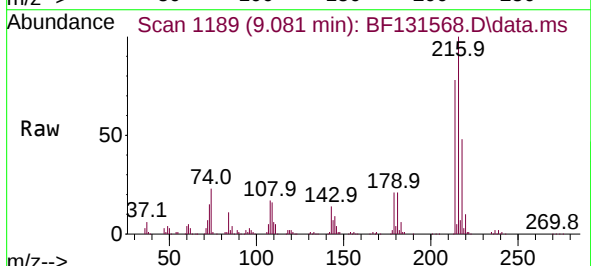
Manual Integrations

APPROVED

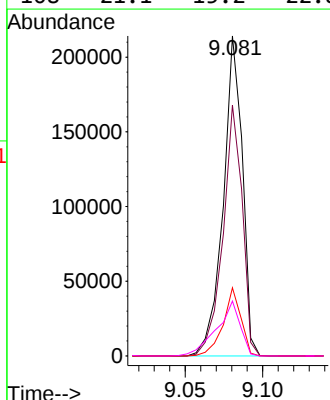
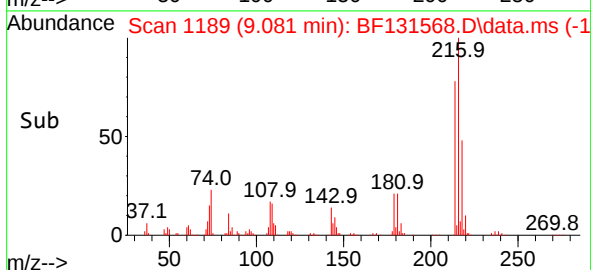
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

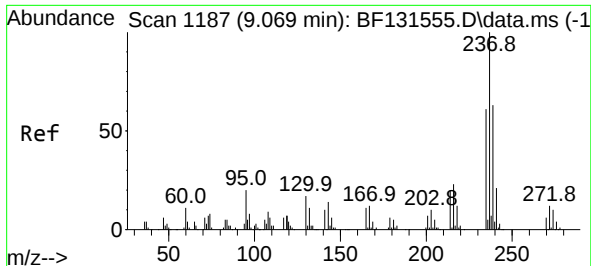


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.385 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:216 Resp: 185096
Ion Ratio Lower Upper
216 100
214 78.5 62.1 93.1
179 19.8 16.0 24.0
108 21.1 15.2 22.8





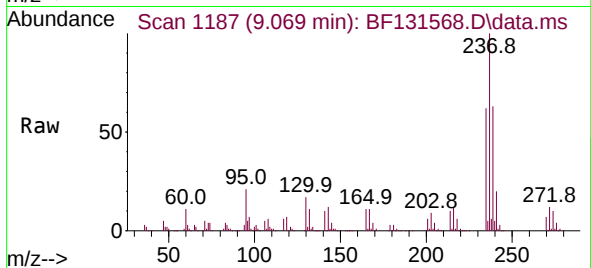
#41
Hexachlorocyclopentadiene
Concen: 119.953 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

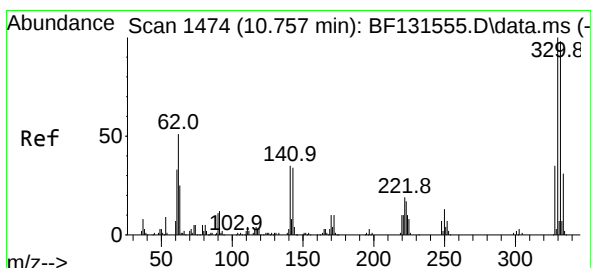
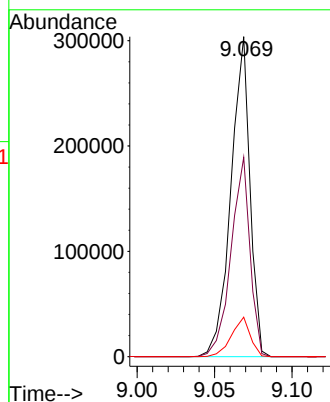
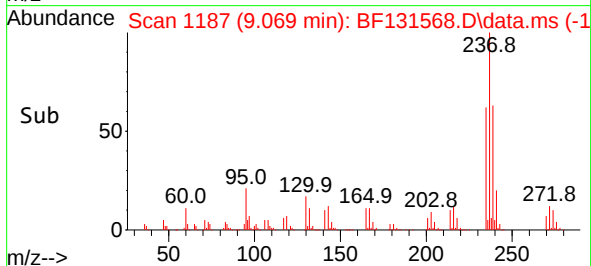


Tgt Ion: 237 Resp: 259756
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 12.3 0.0 32.2

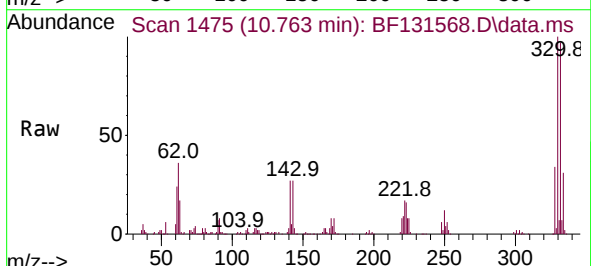
Manual Integrations

APPROVED

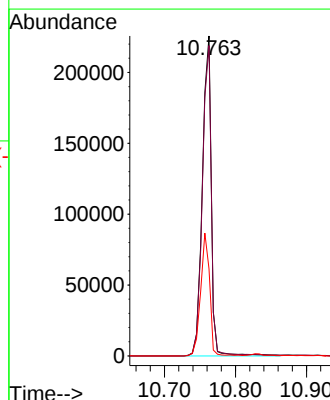
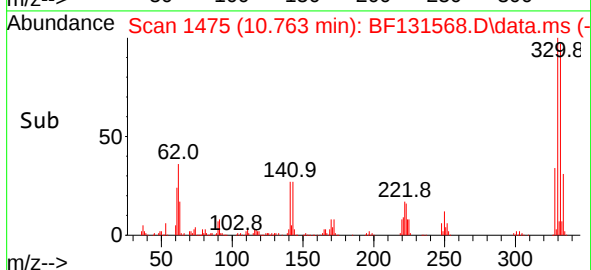
Reviewed By : Christian Giraldo 12/10/2022
Supervised By : Jagrut Upadhyay 12/12/2022

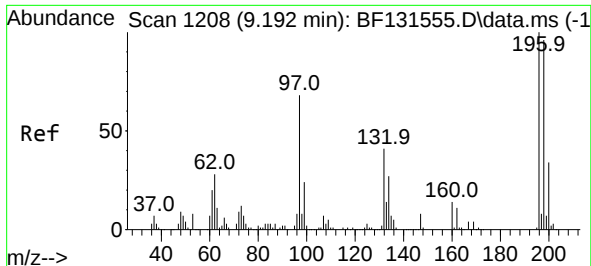


#42
2,4,6-Tribromophenol
Concen: 153.257 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion: 330 Resp: 196242
Ion Ratio Lower Upper
330 100
332 96.4 78.3 117.5
141 38.9 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 40.320 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

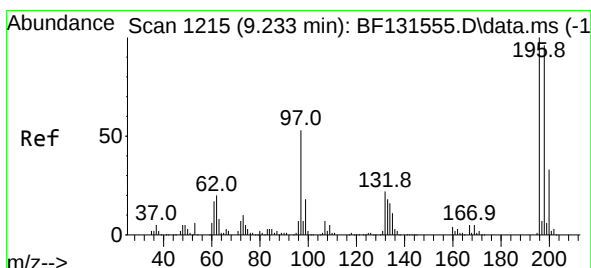
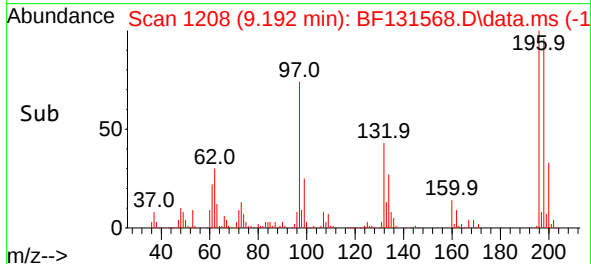
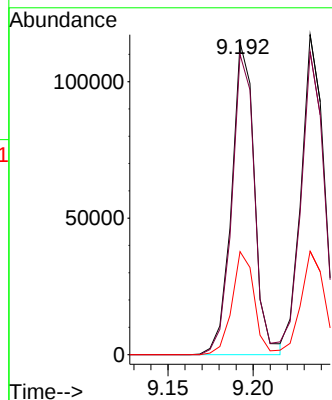
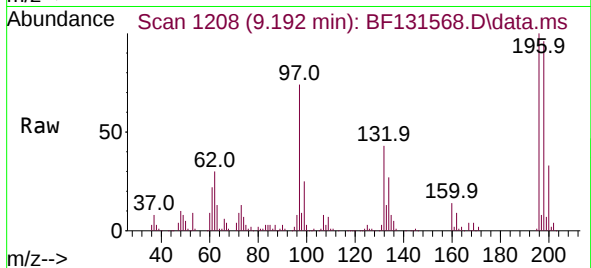
PB149504BS

Tgt Ion:196 Resp: 106400
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 33.0 26.9 40.3

Manual Integrations

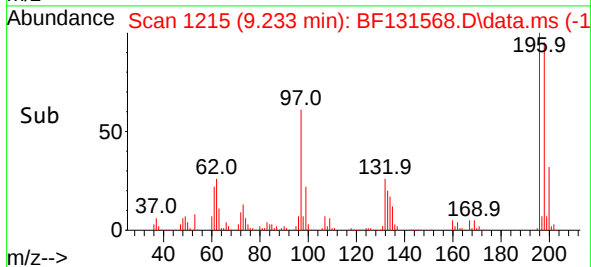
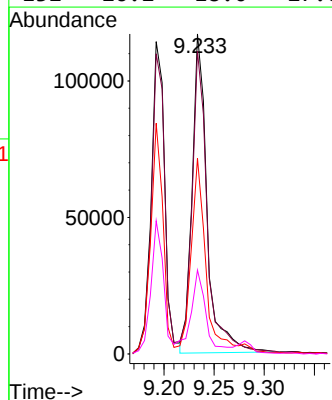
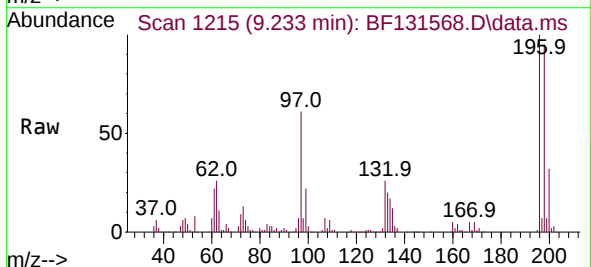
APPROVED

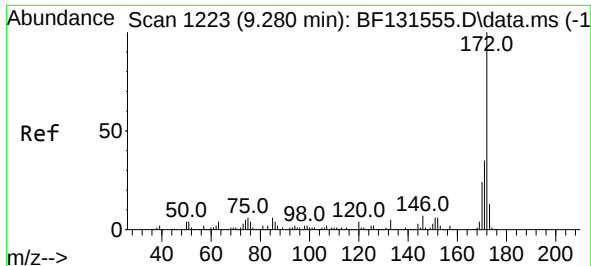
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#44
2,4,5-Trichlorophenol
Concen: 42.898 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

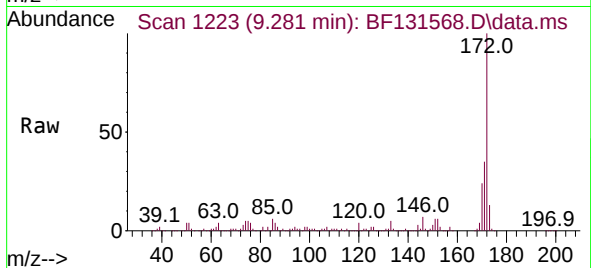
Tgt Ion:196 Resp: 121743
Ion Ratio Lower Upper
196 100
198 94.6 77.2 115.8
97 61.1 42.2 63.2
132 26.2 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 85.212 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

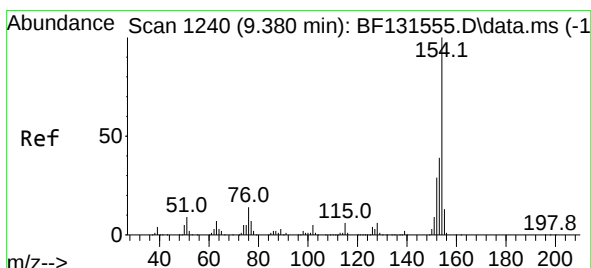
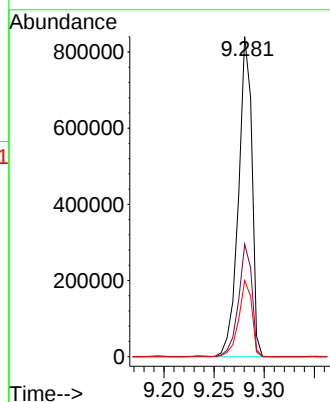
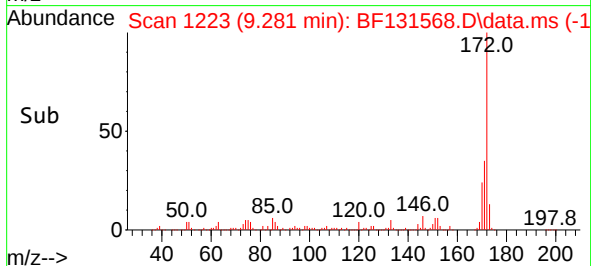
Instrument :
BNA_F
ClientSampleId :
PB149504BS



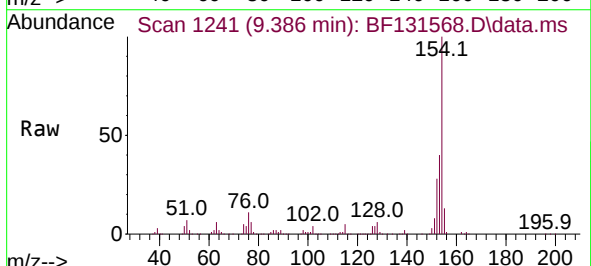
Tgt Ion:172 Resp: 77888
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.8 19.3 28.9

Manual Integrations
APPROVED

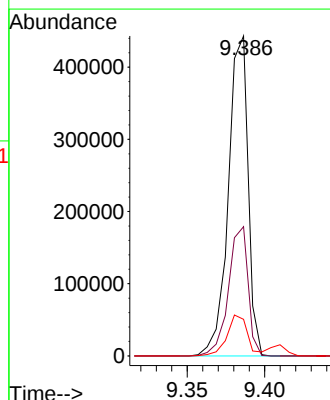
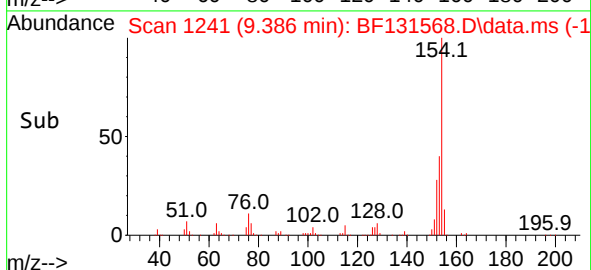
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

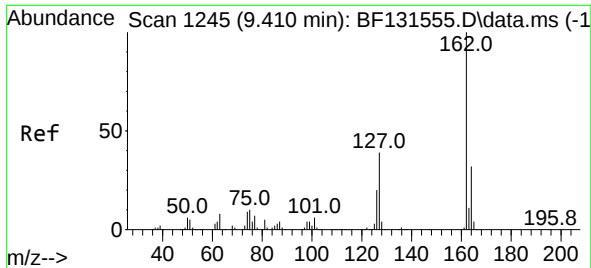


#46
1,1'-Biphenyl
Concen: 43.173 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



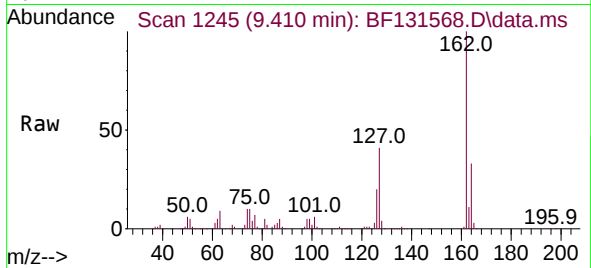
Tgt Ion:154 Resp: 393407
Ion Ratio Lower Upper
154 100
153 40.4 19.4 59.4
76 11.4 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.196 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

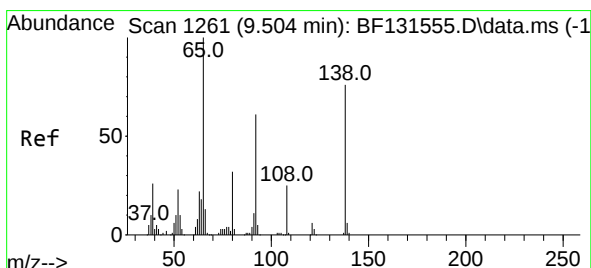
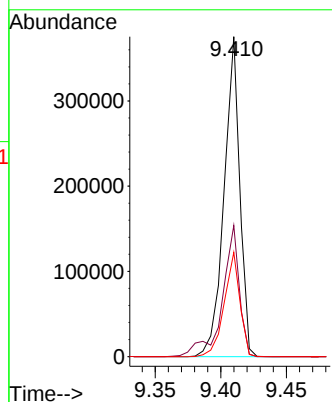
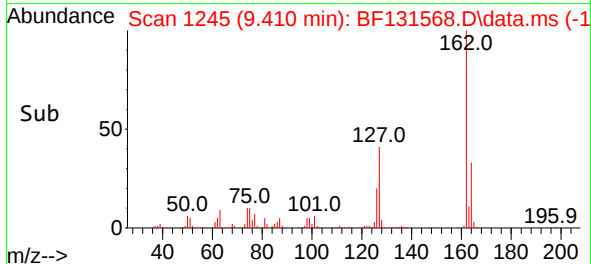
Instrument :
BNA_F
ClientSampleId :
PB149504BS



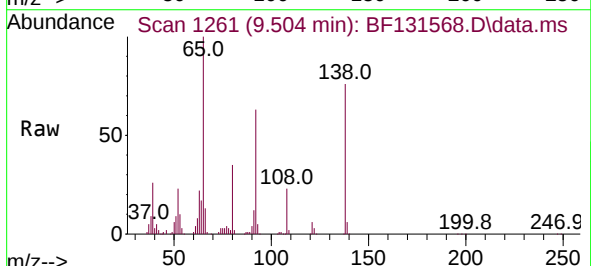
Tgt Ion:162 Resp: 313274
Ion Ratio Lower Upper
162 100
127 41.0 31.4 47.2
164 32.6 25.8 38.8

Manual Integrations
APPROVED

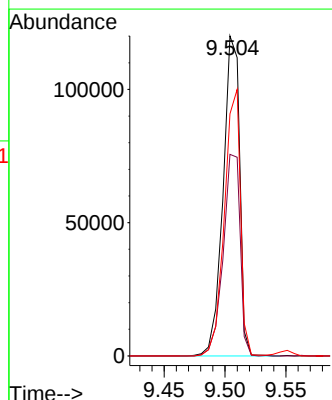
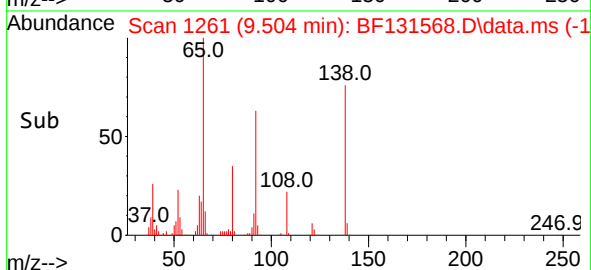
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

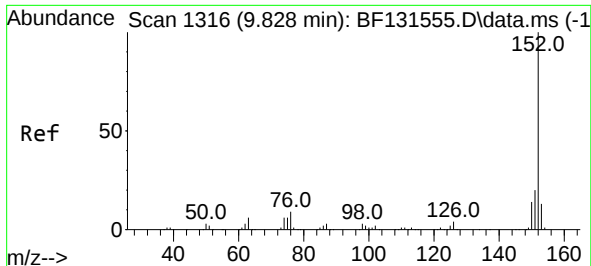


#48
2-Nitroaniline
Concen: 43.237 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion: 65 Resp: 113711
Ion Ratio Lower Upper
65 100
92 63.0 49.2 73.8
138 75.6 60.7 91.1





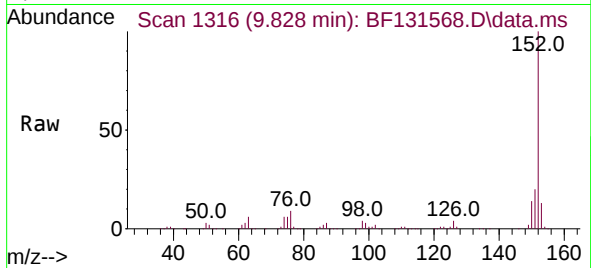
#49
Acenaphthylene
Concen: 43.245 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

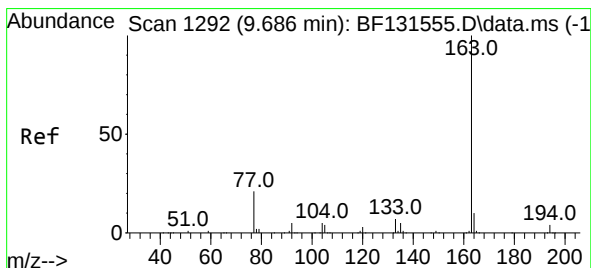
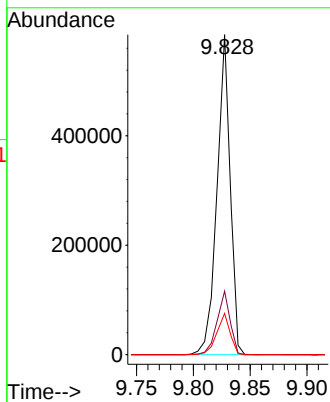
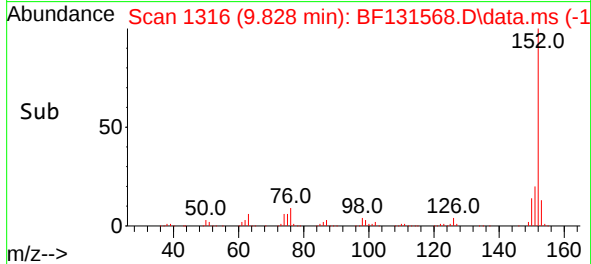


Tgt Ion:152 Resp: 471410
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.9 10.4 15.6

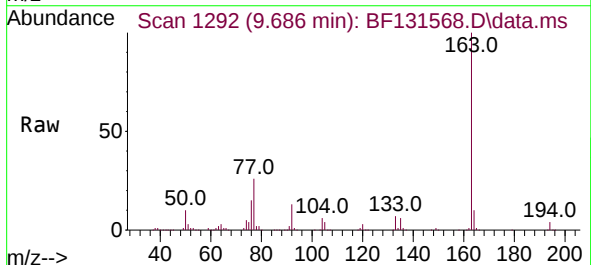
Manual Integrations

APPROVED

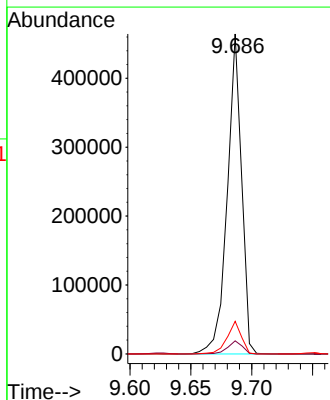
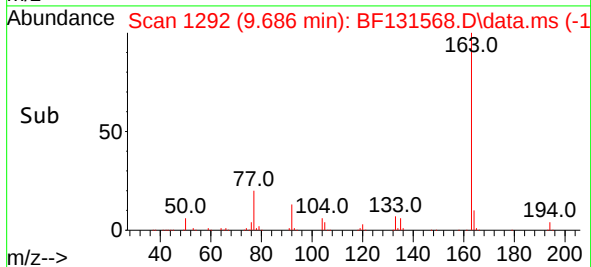
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

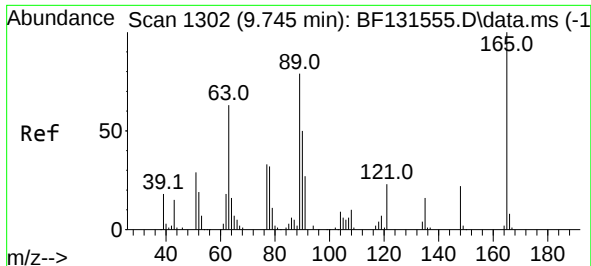


#50
Dimethylphthalate
Concen: 43.200 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:163 Resp: 379542
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 45.840 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

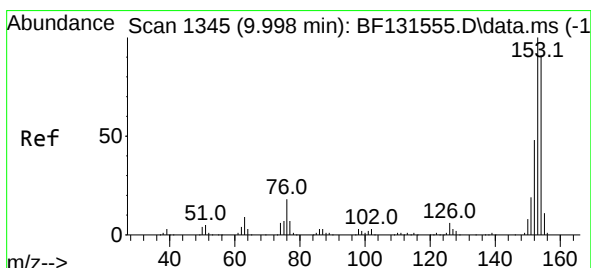
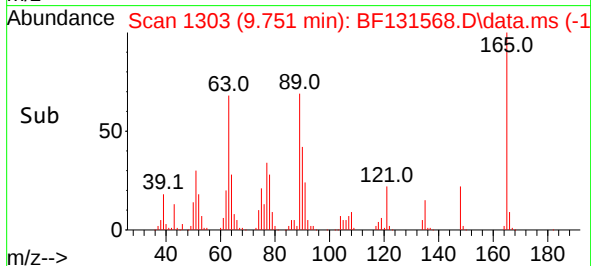
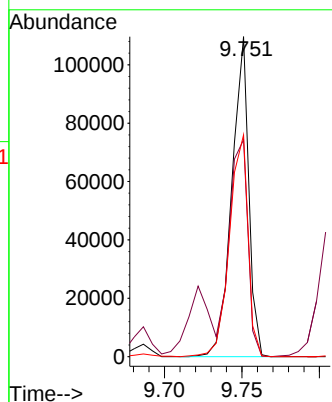
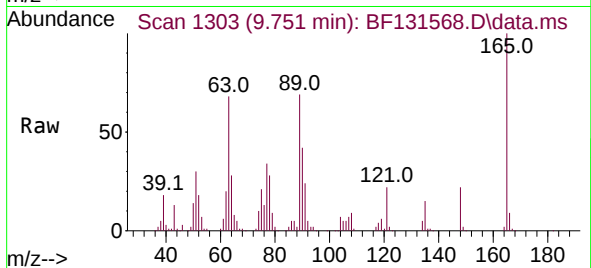
PB149504BS

Tgt Ion:165 Resp: 83144
Ion Ratio Lower Upper
165 100
63 67.8 67.9 101.9
89 69.3 63.2 94.8

Manual Integrations

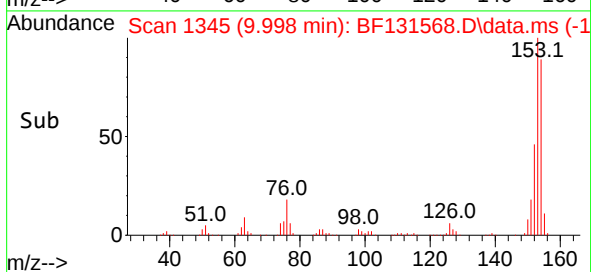
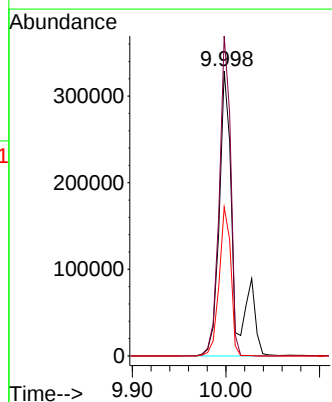
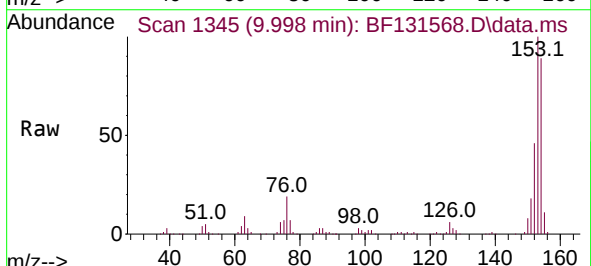
APPROVED

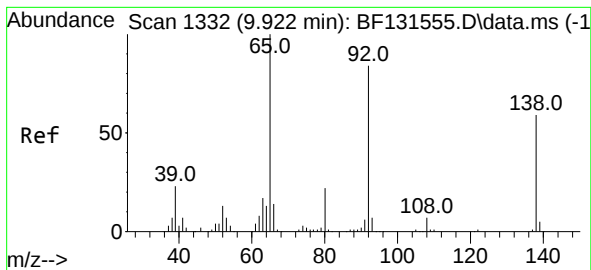
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#52
Acenaphthene
Concen: 47.872 ng m
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:154 Resp: 349593
Ion Ratio Lower Upper
154 100
153 112.3 87.9 131.9
152 52.2 42.4 63.6





#53
3-Nitroaniline
Concen: 31.673 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

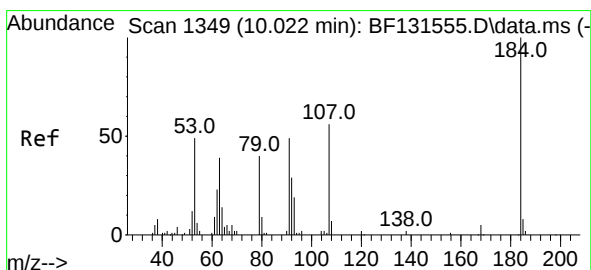
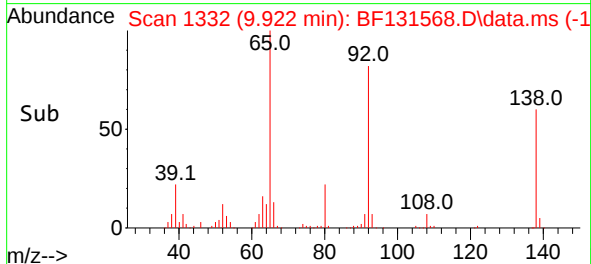
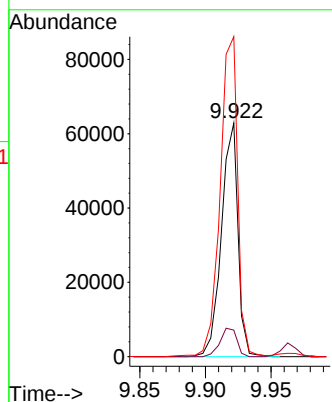
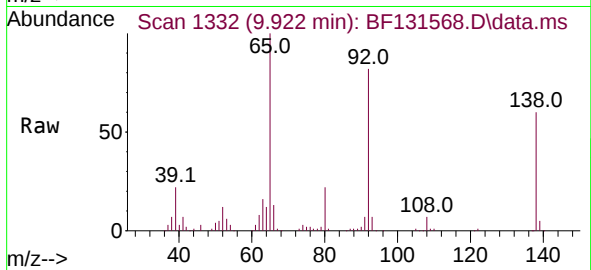
PB149504BS

Tgt Ion:138 Resp: 55119
Ion Ratio Lower Upper
138 100
108 11.3 9.6 14.4
92 137.0 113.4 170.0

Manual Integrations

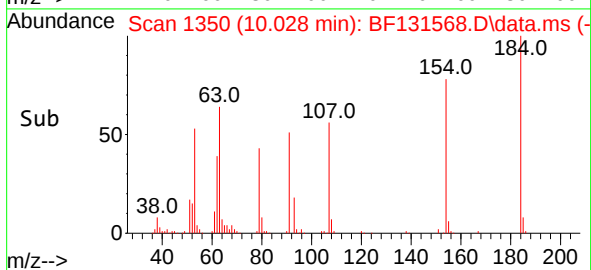
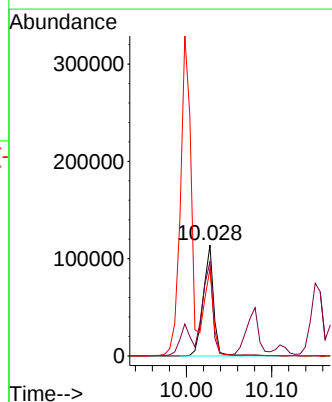
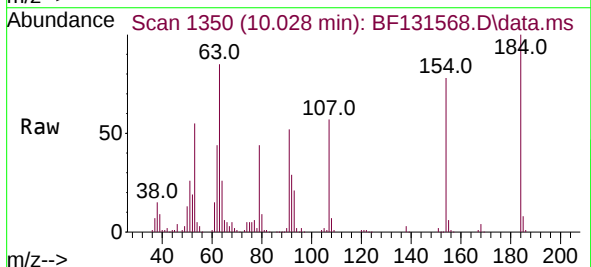
APPROVED

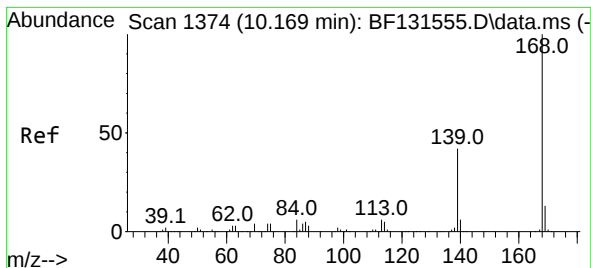
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 91.631 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

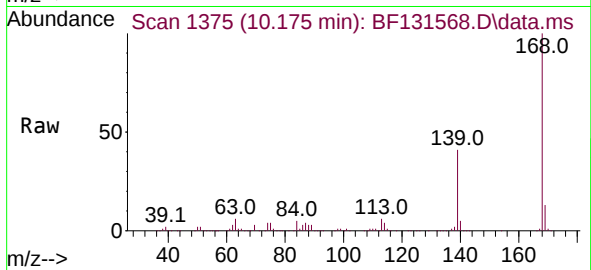
Tgt Ion:184 Resp: 95792
Ion Ratio Lower Upper
184 100
63 84.9 60.7 91.1
154 78.3 59.0 88.6





#55
Dibenzenofuran
Concen: 42.551 ng
RT: 10.175 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

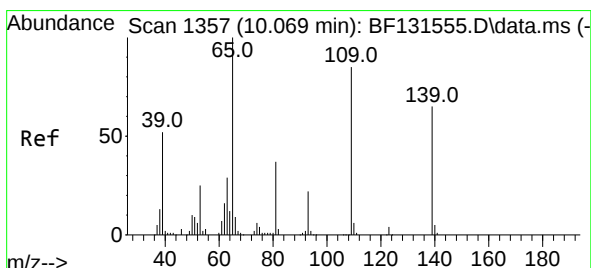
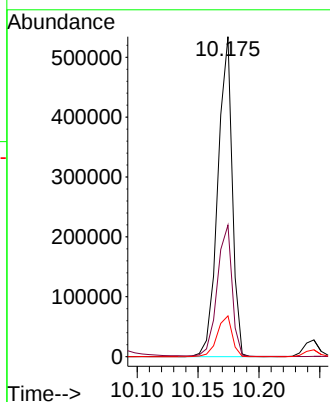
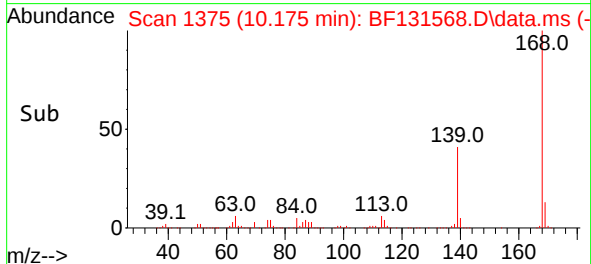
Instrument :
BNA_F
ClientSampleId :
PB149504BS



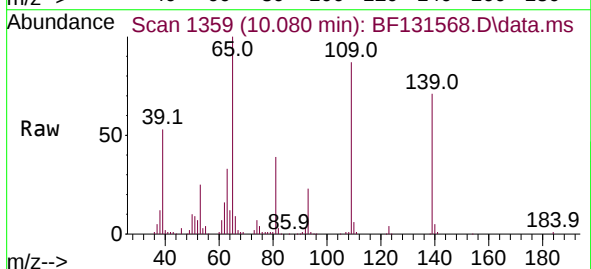
Tgt Ion:168 Resp: 439060
Ion Ratio Lower Upper
168 100
139 41.1 33.9 50.9
169 12.7 10.7 16.1

Manual Integrations
APPROVED

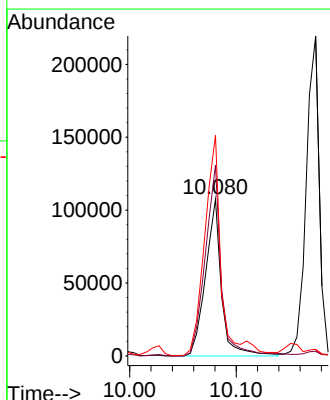
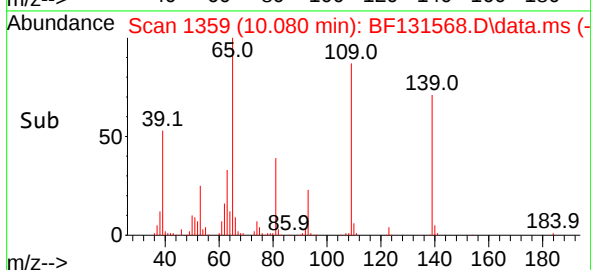
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

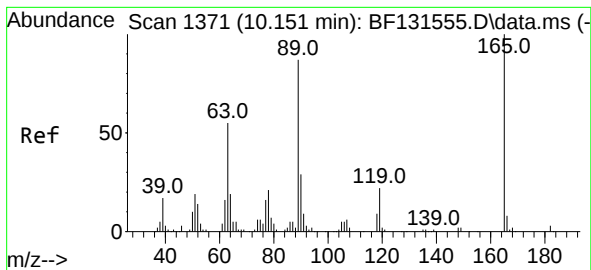


#56
4-Nitrophenol
Concen: 91.893 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:139 Resp: 111093
Ion Ratio Lower Upper
139 100
109 121.7 110.2 150.2
65 140.7 133.3 173.3





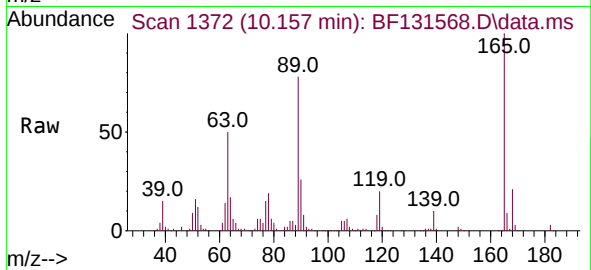
#57
2,4-Dinitrotoluene
Concen: 46.564 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

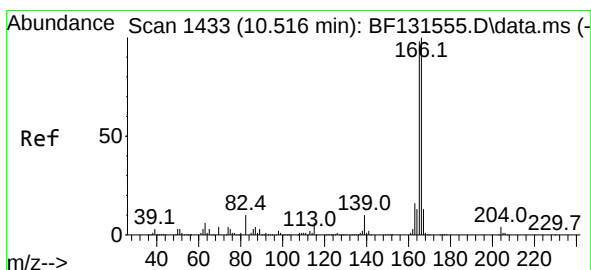
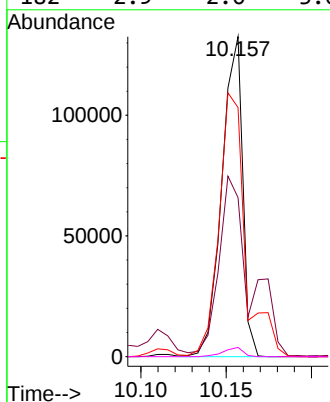
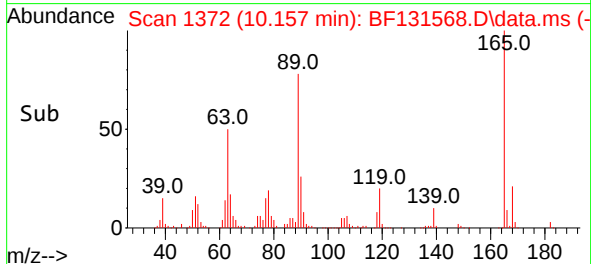


Tgt Ion:165 Resp: 112036
Ion Ratio Lower Upper
165 100
63 49.7 44.4 66.6
89 77.8 69.6 104.4
182 2.9 2.0 3.0

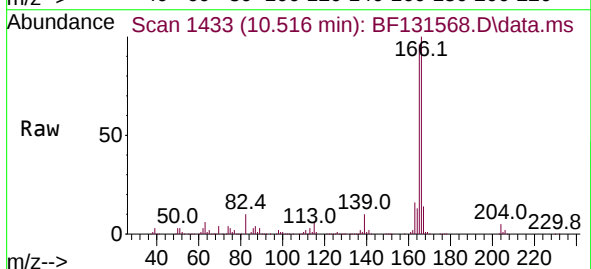
Manual Integrations

APPROVED

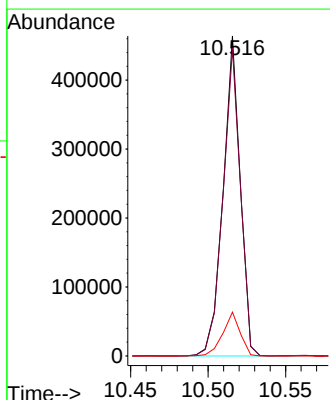
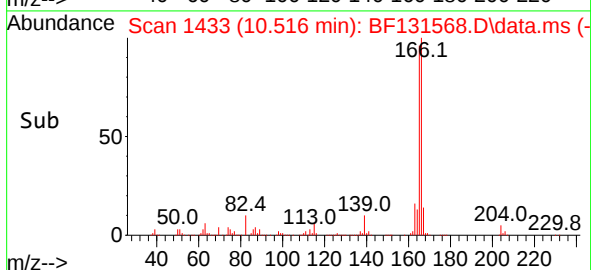
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

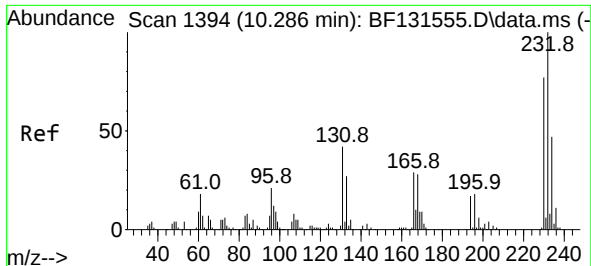


#58
Fluorene
Concen: 42.814 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:166 Resp: 359139
Ion Ratio Lower Upper
166 100
165 96.1 78.4 117.6
167 13.7 10.7 16.1





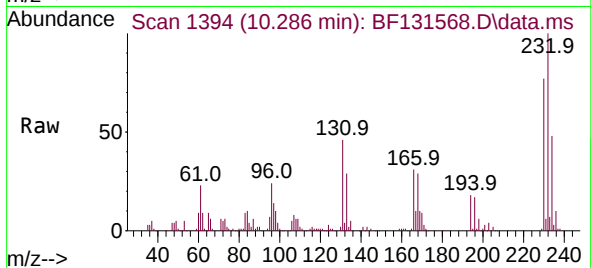
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.348 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

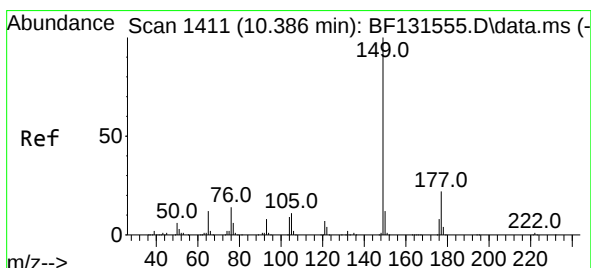
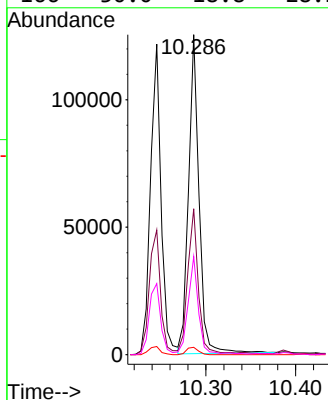
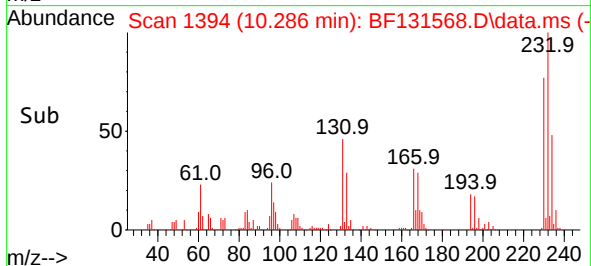


Tgt Ion:232 Resp: 101770
Ion Ratio Lower Upper
232 100
131 44.7 31.0 46.6
130 2.5 1.8 2.8
166 30.0 18.8 28.2#

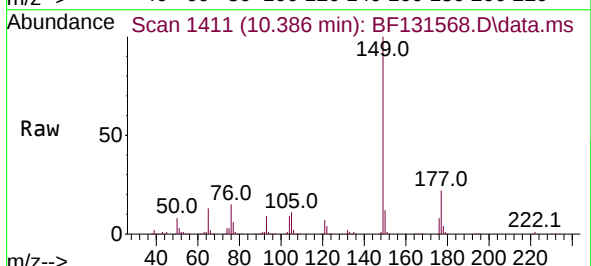
Manual Integrations

APPROVED

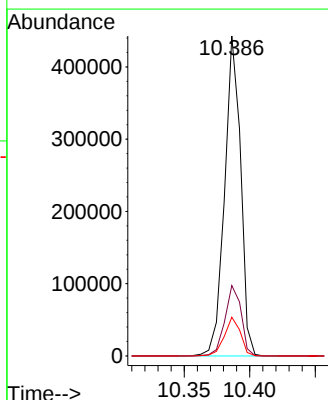
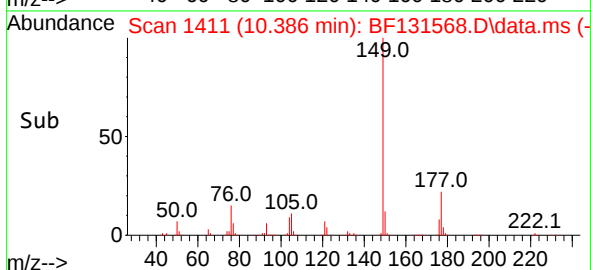
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

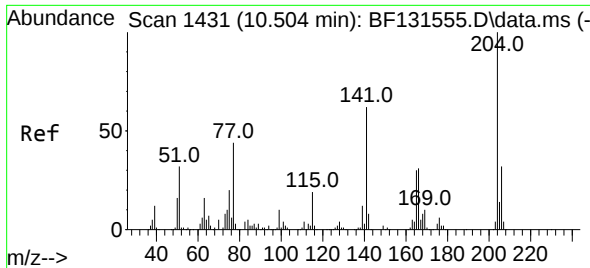


#60
Diethylphthalate
Concen: 44.747 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



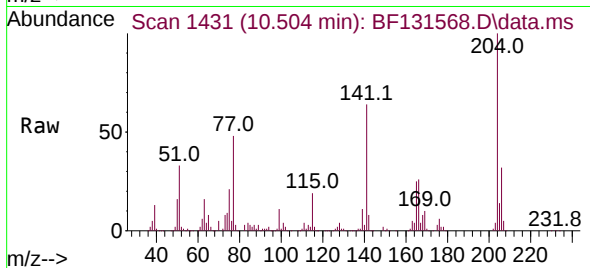
Tgt Ion:149 Resp: 377267
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.1 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 44.478 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

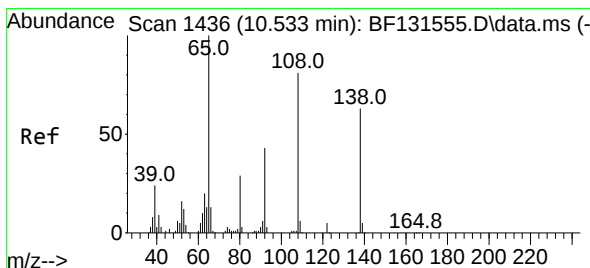
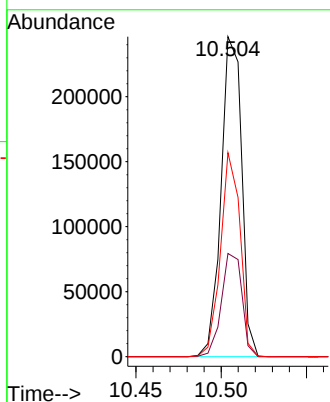
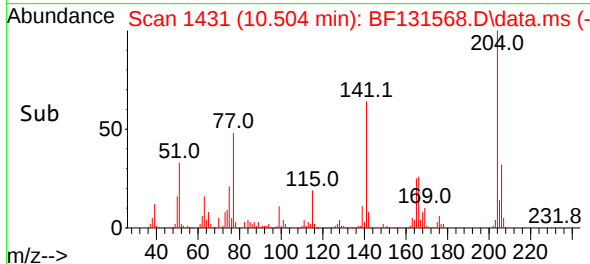
Instrument :
BNA_F
ClientSampleId :
PB149504BS



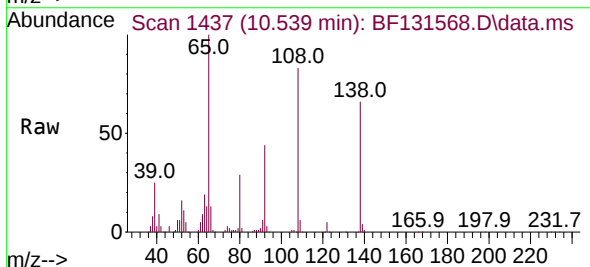
Tgt Ion:204 Resp: 206184
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.2
141 63.7 49.5 74.3

Manual Integrations
APPROVED

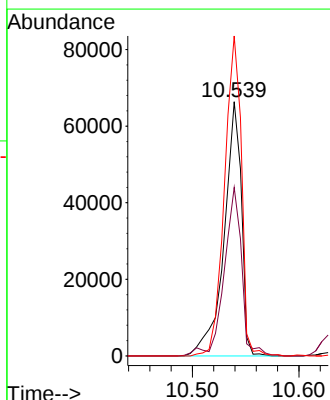
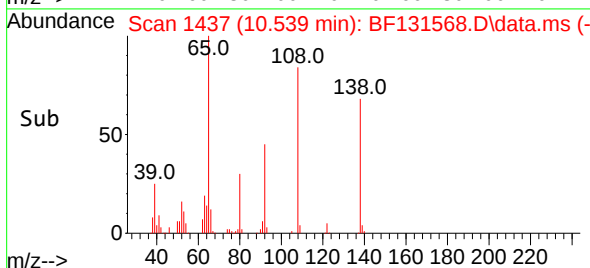
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

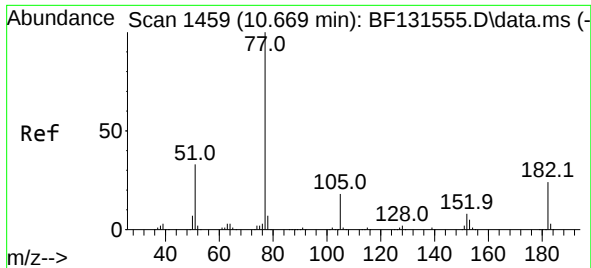


#62
4-Nitroaniline
Concen: 43.534 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:138 Resp: 75075
Ion Ratio Lower Upper
138 100
92 66.3 47.5 87.5
108 125.9 108.8 148.8





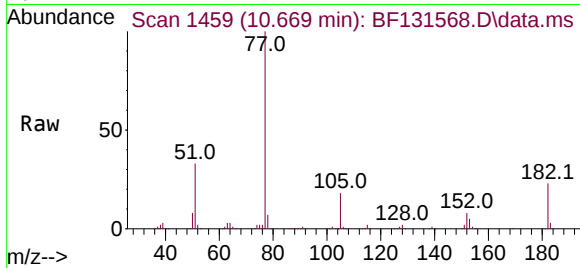
#63
Azobenzene
Concen: 42.614 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

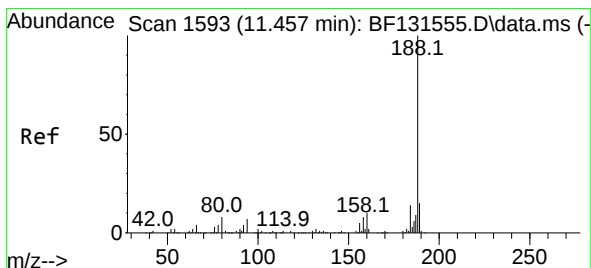
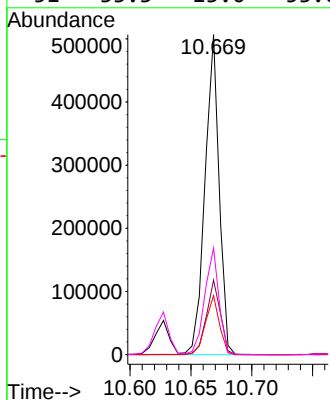
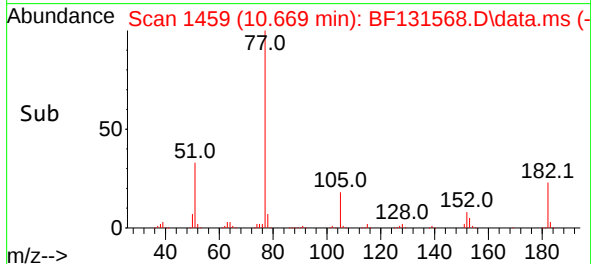


Tgt Ion: 77 Resp: 409789
Ion Ratio Lower Upper
77 100
182 23.3 3.9 43.9
105 18.4 0.0 38.3
51 33.3 13.0 53.0

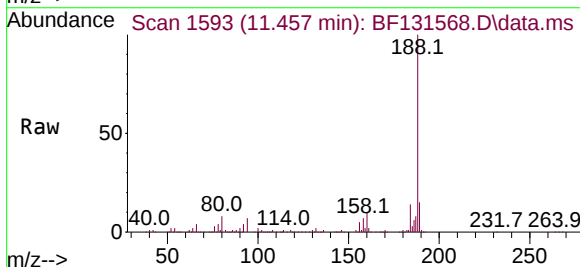
Manual Integrations

APPROVED

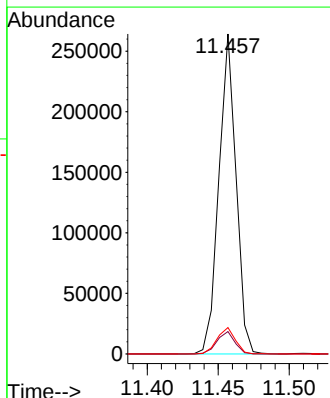
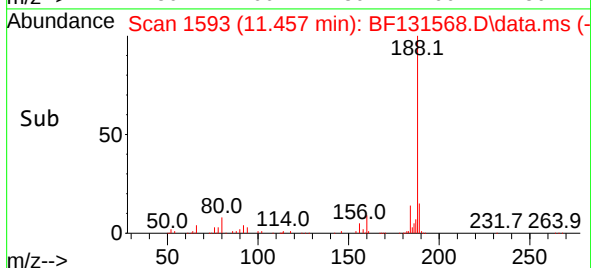
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

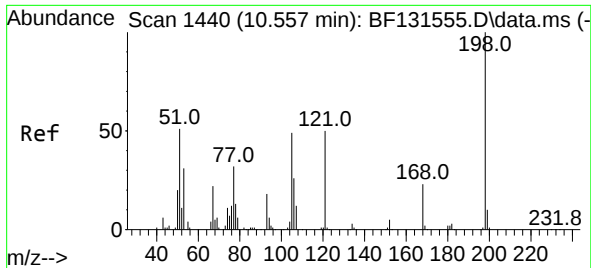


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:188 Resp: 223141
Ion Ratio Lower Upper
188 100
94 7.0 5.5 8.3
80 8.2 6.6 10.0





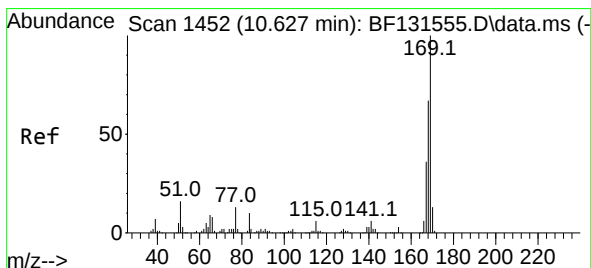
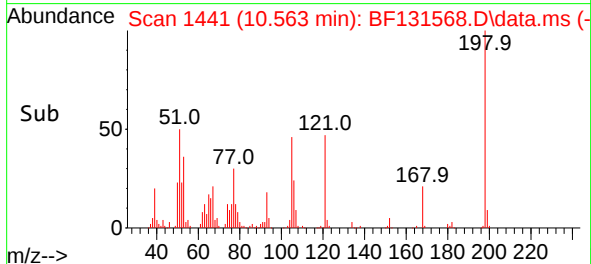
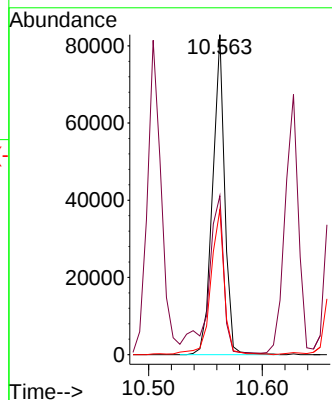
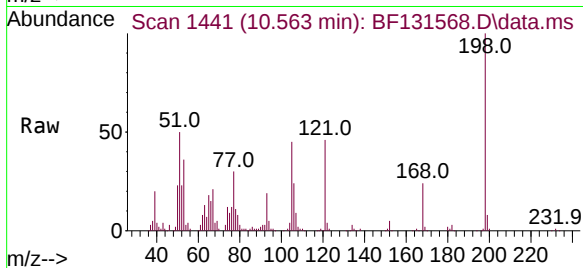
#65
4,6-Dinitro-2-methylphenol
Concen: 43.518 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion:198 Resp: 61504
Ion Ratio Lower Upper
198 100
51 49.6 36.7 76.7
105 45.4 29.9 69.9

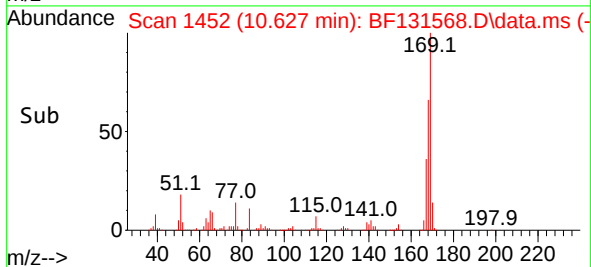
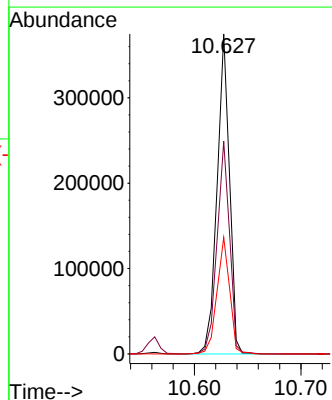
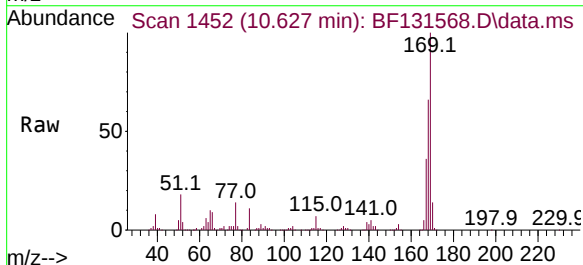
Manual Integrations
APPROVED

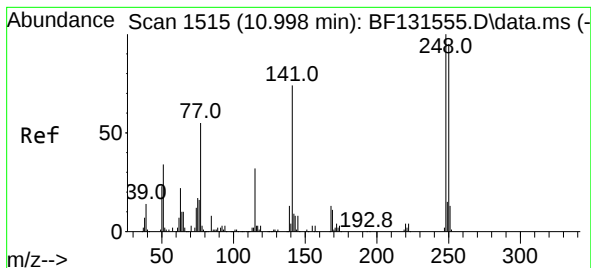
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 42.039 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

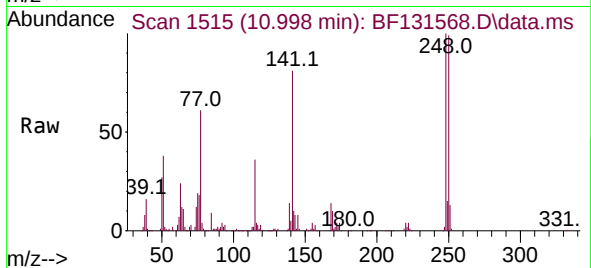
Tgt Ion:169 Resp: 303266
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 42.436 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

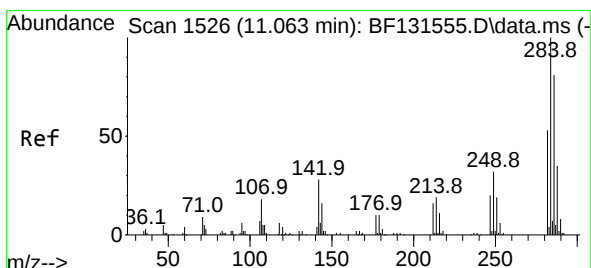
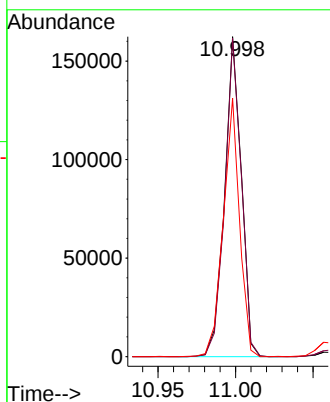
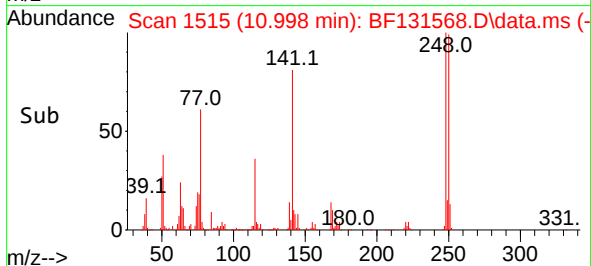
Instrument :
BNA_F
ClientSampleId :
PB149504BS



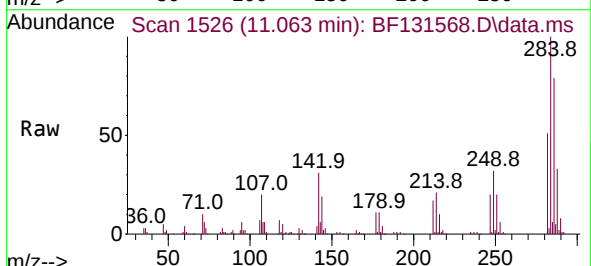
Tgt Ion:248 Resp: 121814
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.2
141 80.8 59.5 89.3

Manual Integrations
APPROVED

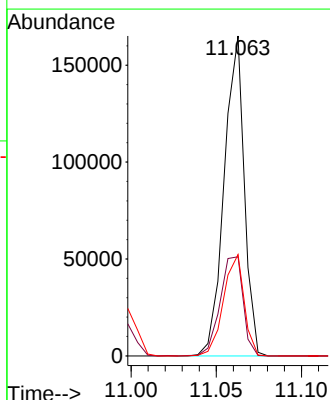
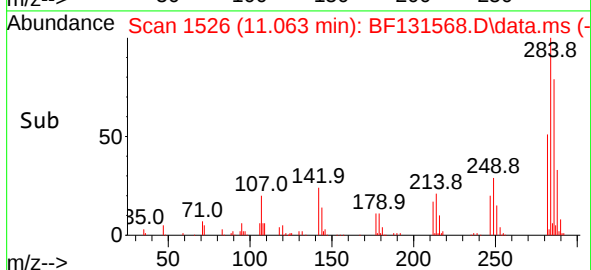
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

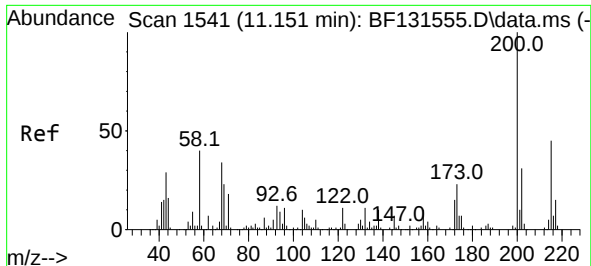


#68
Hexachlorobenzene
Concen: 43.555 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:284 Resp: 135238
Ion Ratio Lower Upper
284 100
142 31.0 22.3 33.5
249 31.7 25.4 38.2





#69
 Atrazine
 Concen: 51.802 ng
 RT: 11.157 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131568.D
 Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

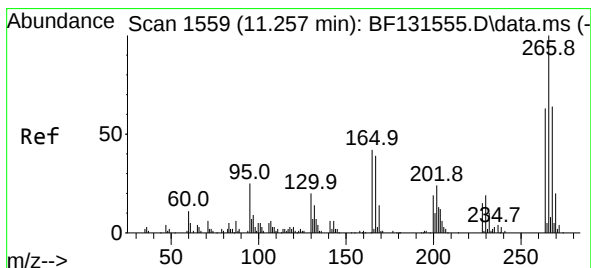
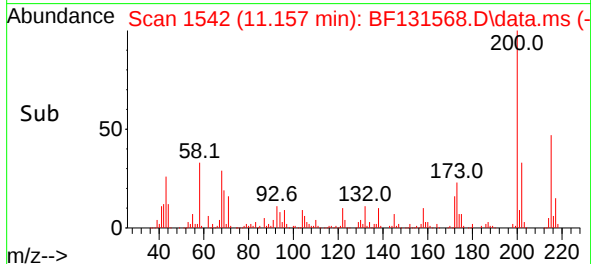
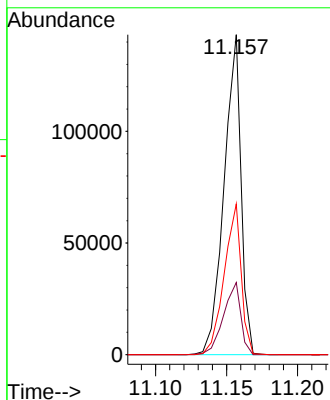
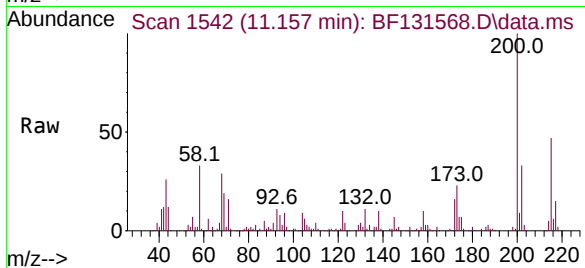
PB149504BS

Tgt Ion:200 Resp: 118669
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.4 43.4
 215 47.1 25.0 65.0

Manual Integrations

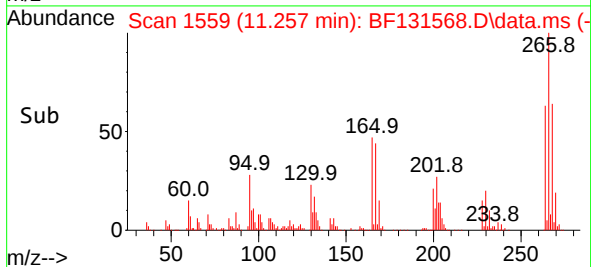
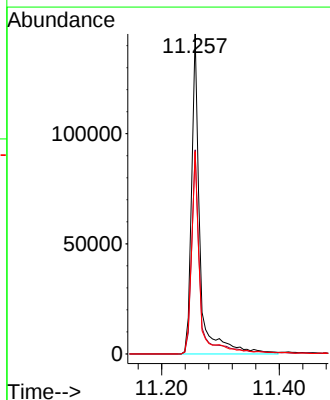
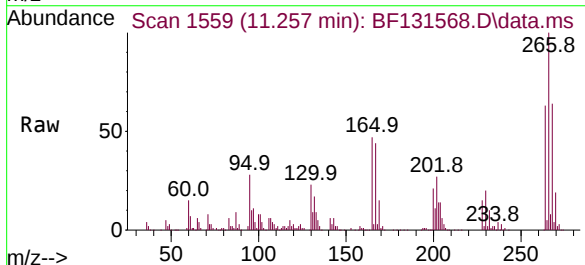
APPROVED

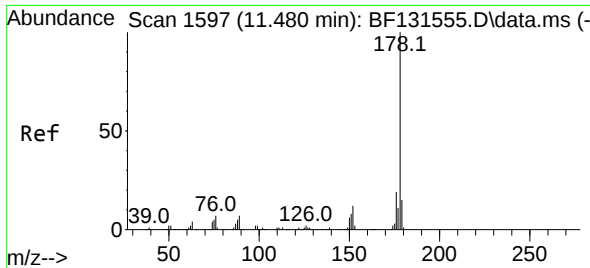
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#70
 Pentachlorophenol
 Concen: 90.440 ng
 RT: 11.257 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BF131568.D
 Acq: 09 Dec 2022 15:56

Tgt Ion:266 Resp: 144566
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 63.2 50.7 76.1





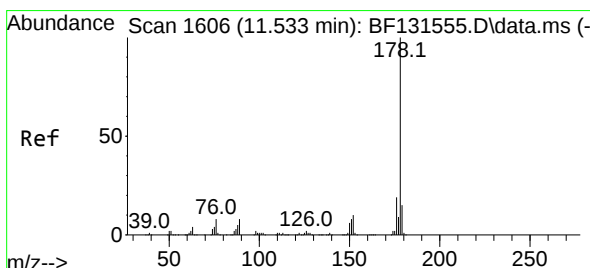
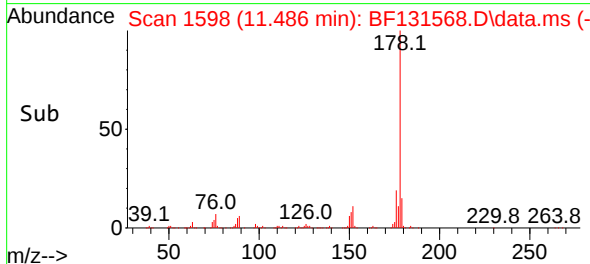
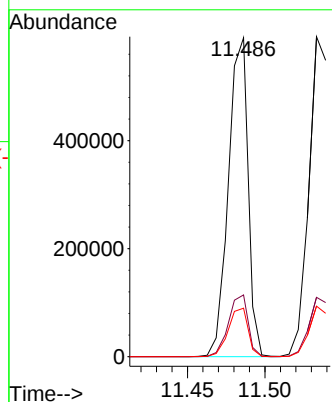
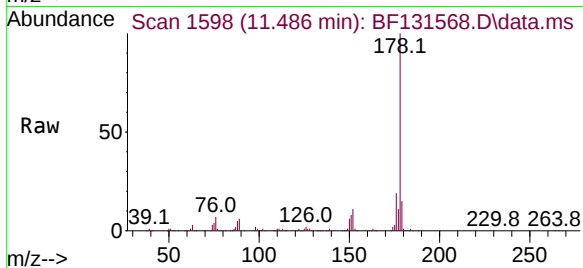
#71
Phenanthrene
Concen: 41.967 ng
RT: 11.486 min Scan# 11486
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion:178 Resp: 521973
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.2 18.4

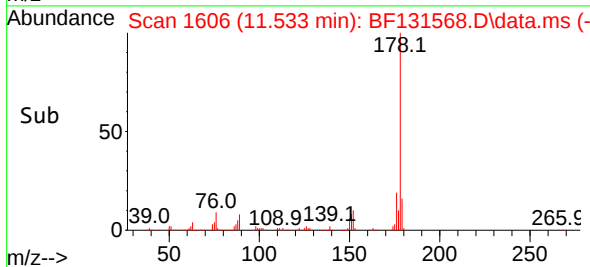
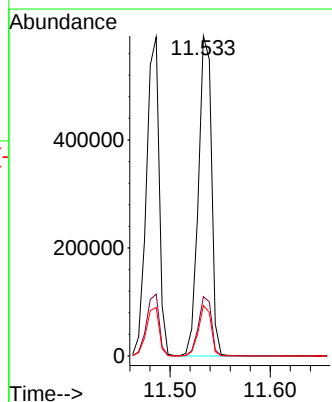
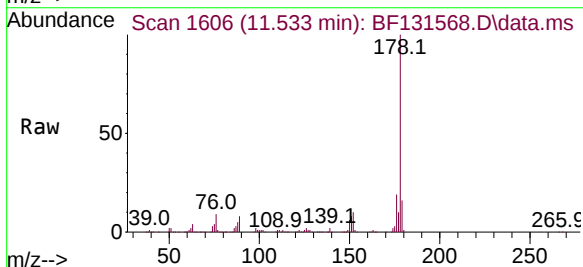
Manual Integrations
APPROVED

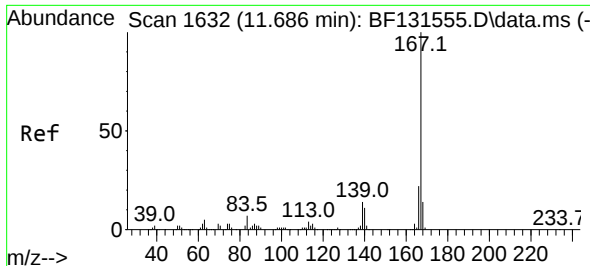
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#72
Anthracene
Concen: 44.295 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

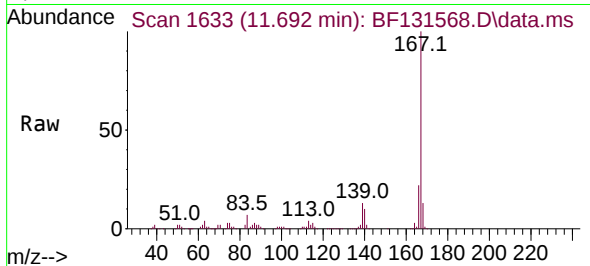
Tgt Ion:178 Resp: 535994
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.8 12.3 18.5





#73
Carbazole
Concen: 44.489 ng
RT: 11.692 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

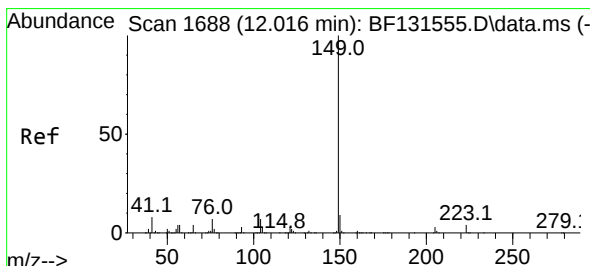
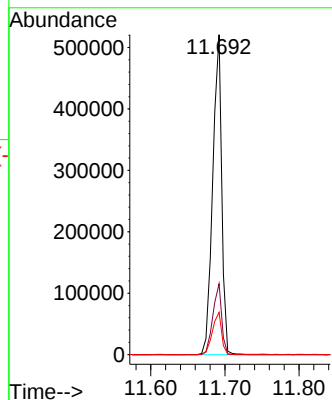
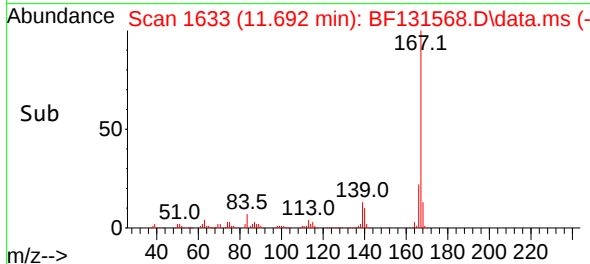
Instrument :
BNA_F
ClientSampleId :
PB149504BS



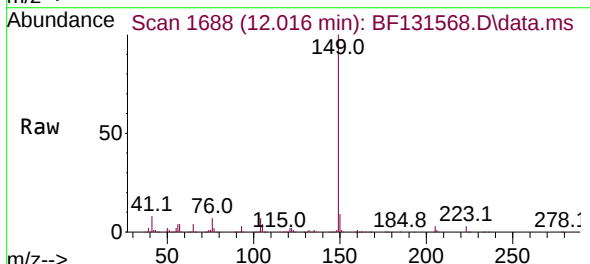
Tgt Ion:167 Resp: 439422
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.2 11.0 16.4

Manual Integrations
APPROVED

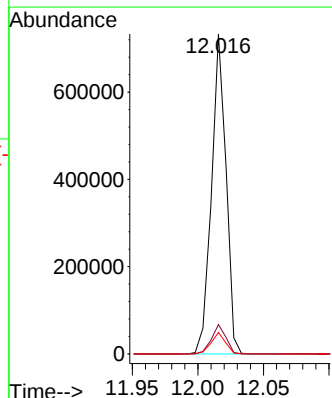
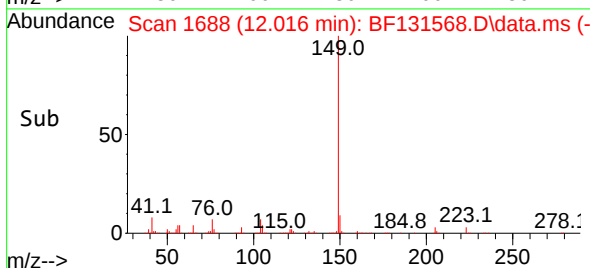
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

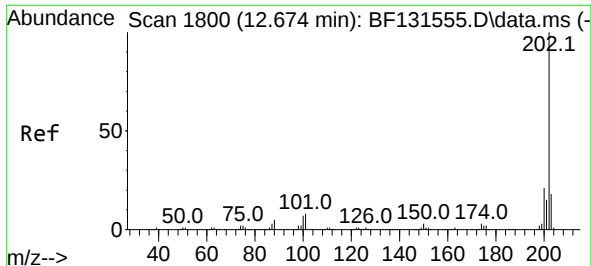


#74
Di-n-butylphthalate
Concen: 46.539 ng
RT: 12.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



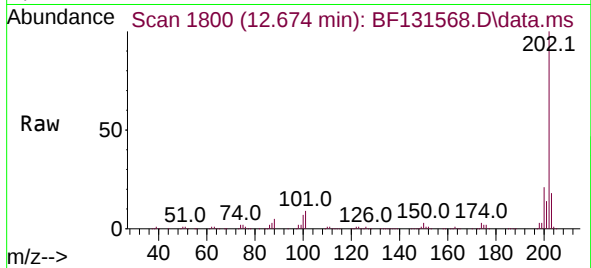
Tgt Ion:149 Resp: 563935
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 6.7 5.2 7.8





#75
Fluoranthene
Concen: 44.337 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

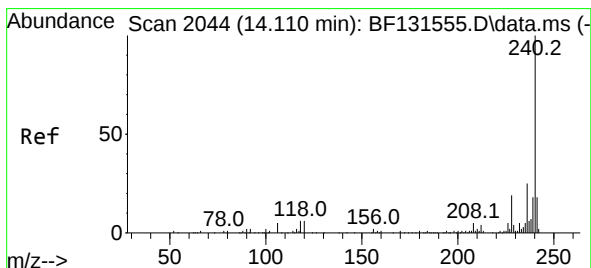
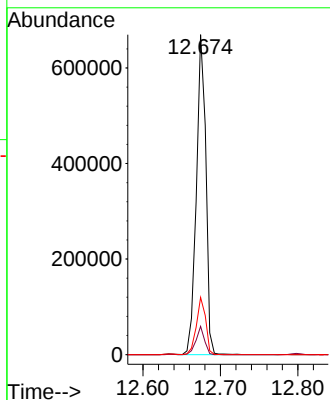
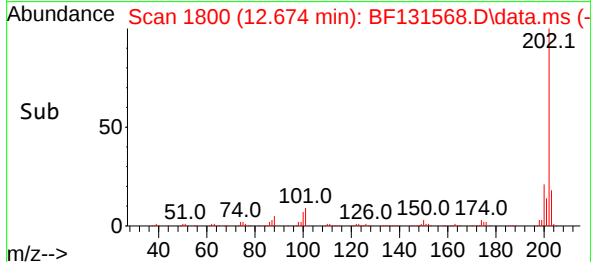
Instrument :
BNA_F
ClientSampleId :
PB149504BS



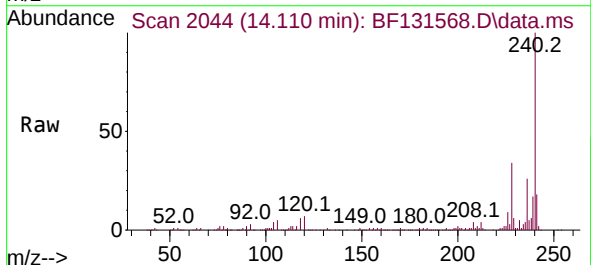
Tgt Ion:202 Resp: 56784
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 17.9 0.0 37.7

Manual Integrations
APPROVED

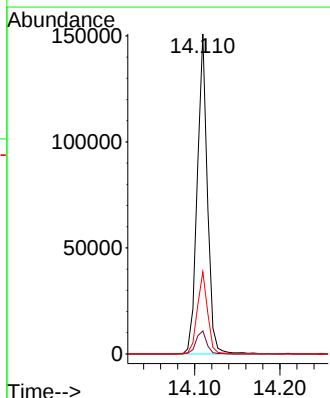
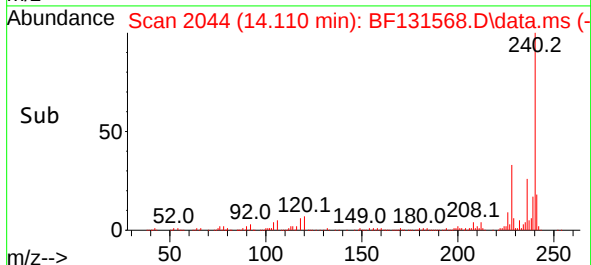
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

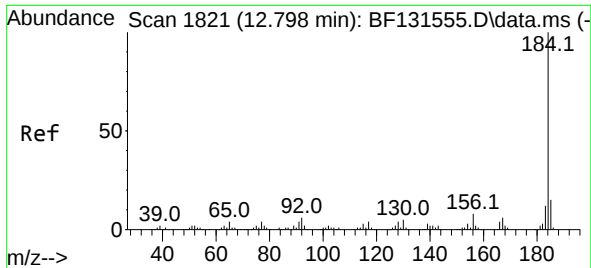


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



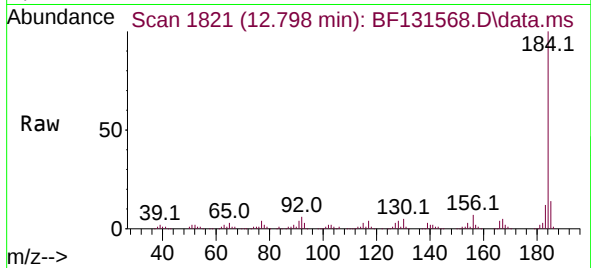
Tgt Ion:240 Resp: 124339
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 25.7 20.2 30.2





#77
Benzidine
Concen: 67.293 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

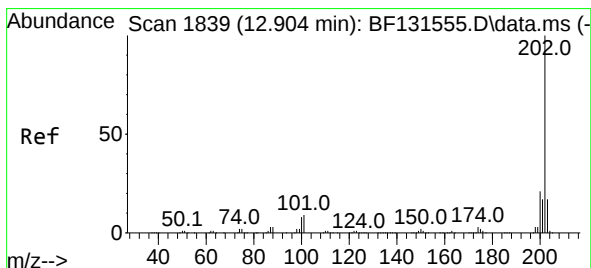
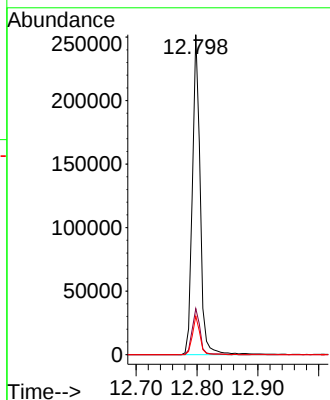
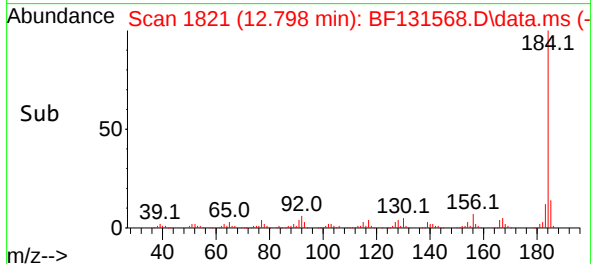
Instrument :
BNA_F
ClientSampleId :
PB149504BS



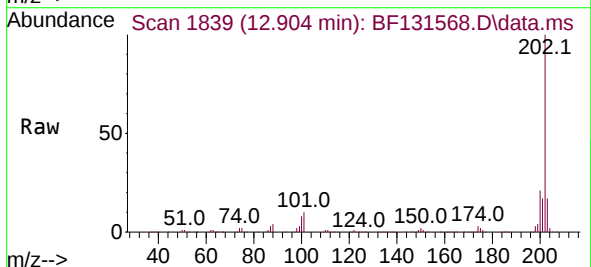
Tgt Ion:184 Resp: 224188
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 12.0 9.3 13.9

Manual Integrations
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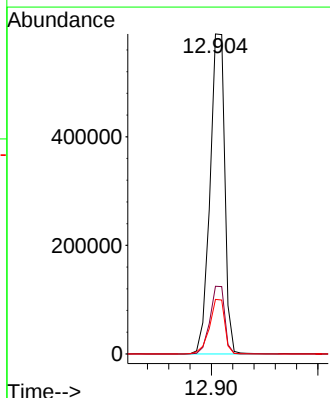
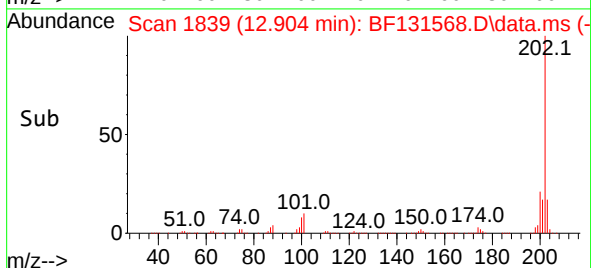
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

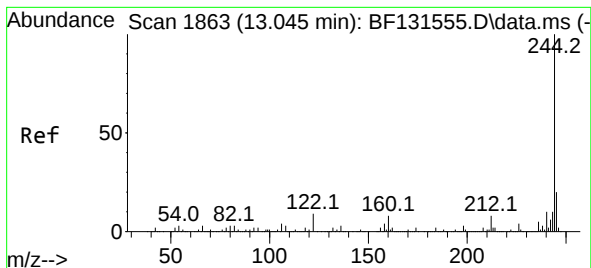


#78
Pyrene
Concen: 46.225 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:202 Resp: 566743
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.0 13.8 20.6





#79

Terphenyl-d14

Concen: 104.197 ng

RT: 13.051 min Scan# 1863

Delta R.T. 0.006 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

Tgt Ion:244 Resp: 944708

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

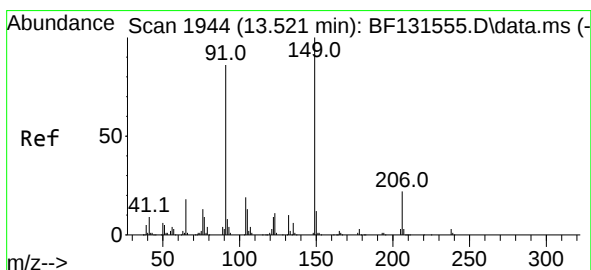
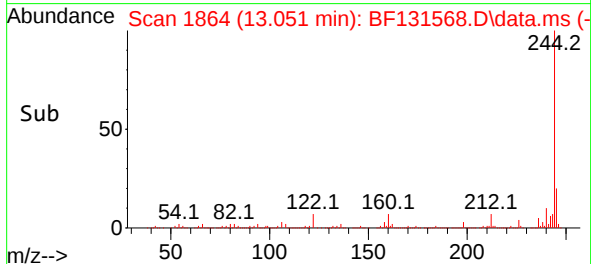
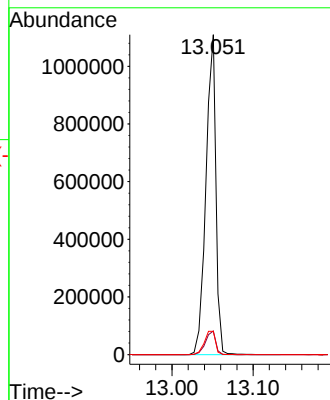
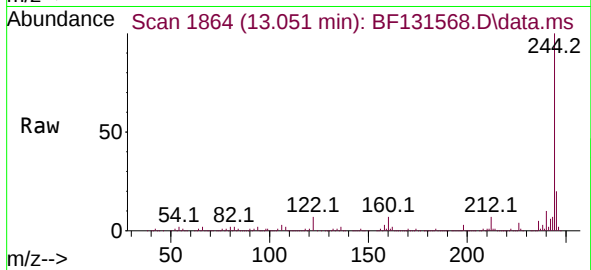
122 7.3 7.1 10.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#80

Butylbenzylphthalate

Concen: 50.564 ng

RT: 13.521 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

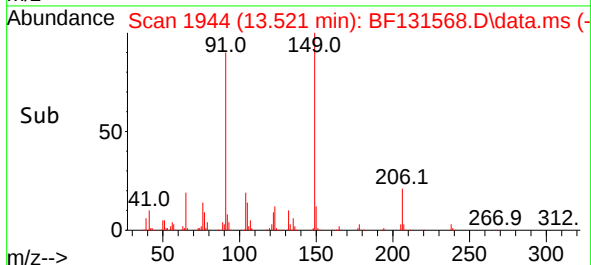
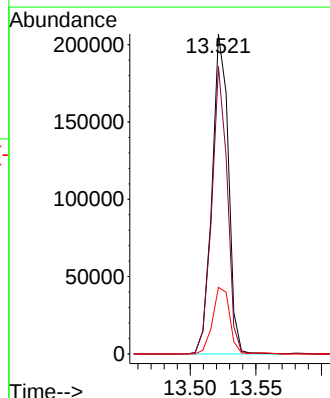
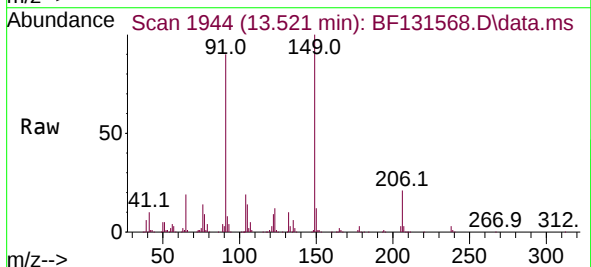
Tgt Ion:149 Resp: 179408

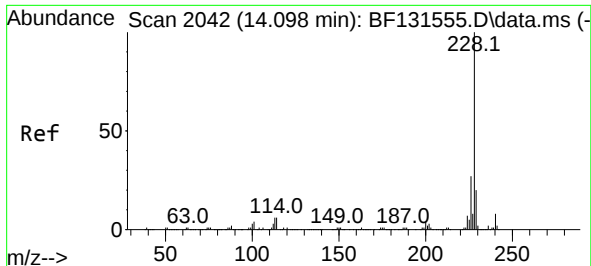
Ion Ratio Lower Upper

149 100

91 89.8 69.0 103.4

206 20.8 17.8 26.8





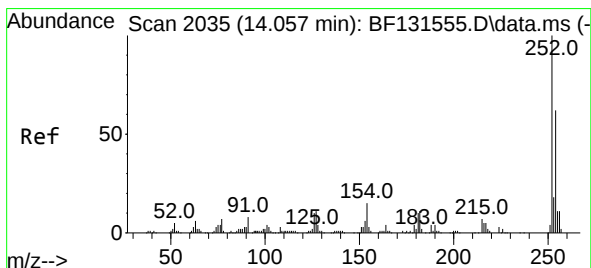
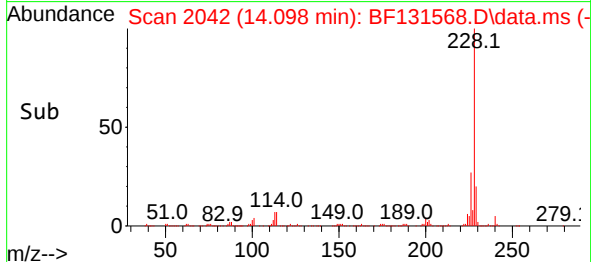
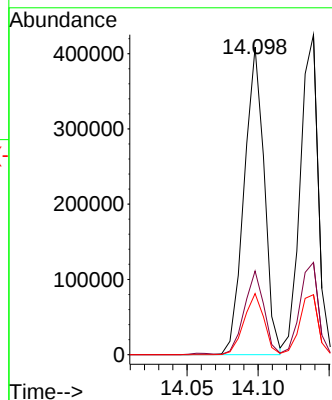
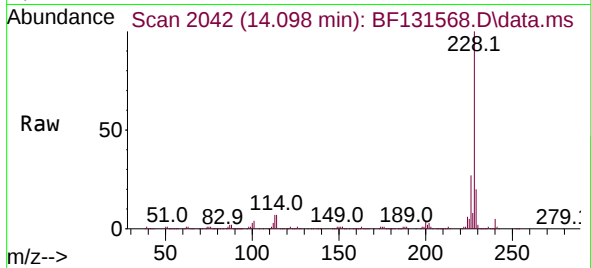
#81
Benzo(a)anthracene
Concen: 44.737 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Tgt Ion:228 Resp: 401709
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 19.8 15.8 23.6

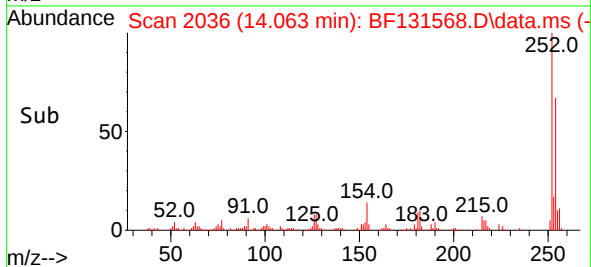
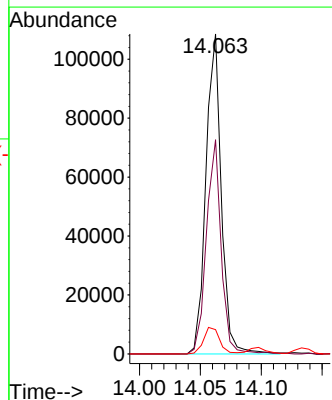
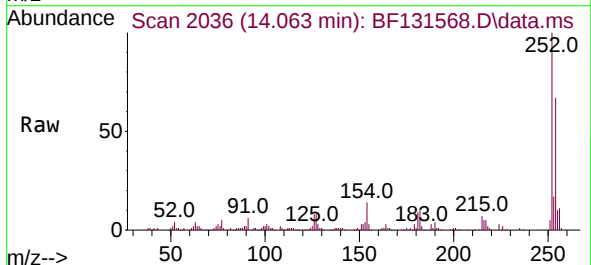
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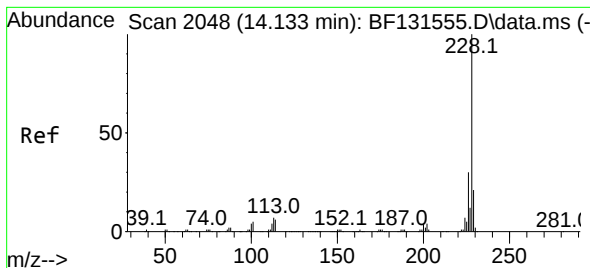
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.417 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Tgt Ion:252 Resp: 95591
Ion Ratio Lower Upper
252 100
254 66.9 49.6 74.4
126 7.6 7.9 11.9#





#83

Chrysene

Concen: 44.424 ng

RT: 14.139 min Scan# 2048

Delta R.T. 0.006 min

Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

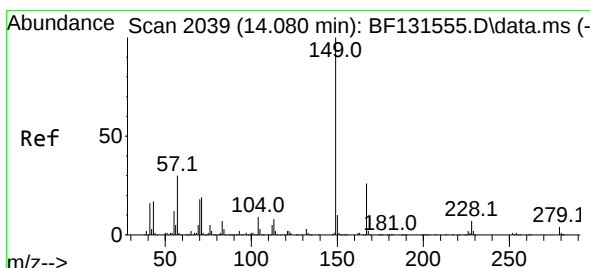
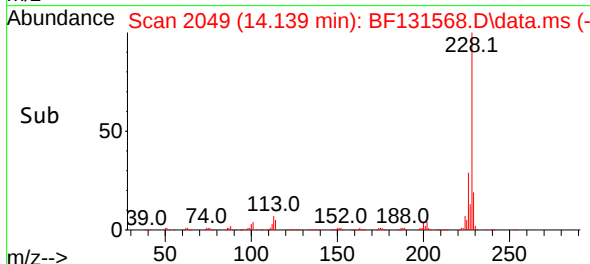
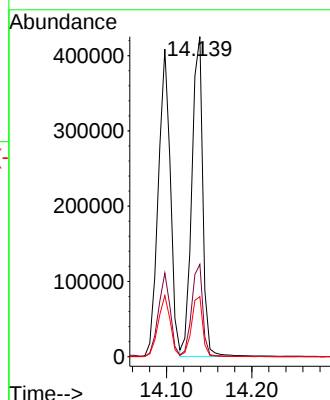
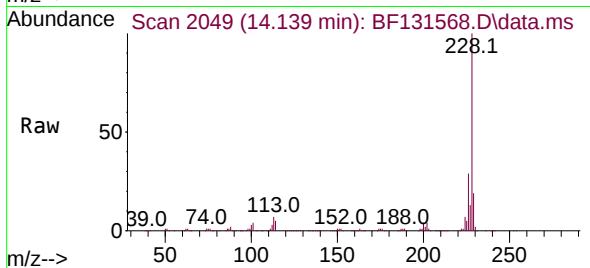
Tgt Ion:228 Resp: 379231

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	18.8	16.7	25.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.435 ng

RT: 14.080 min Scan# 2039

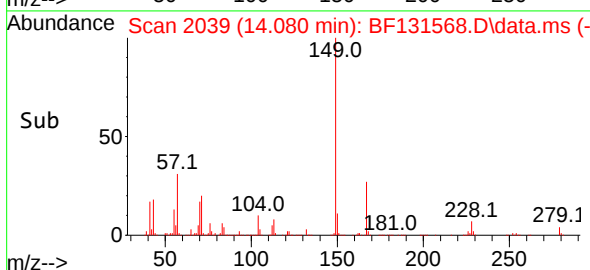
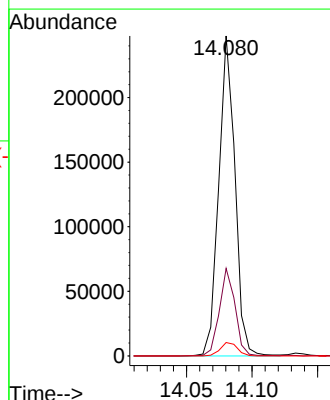
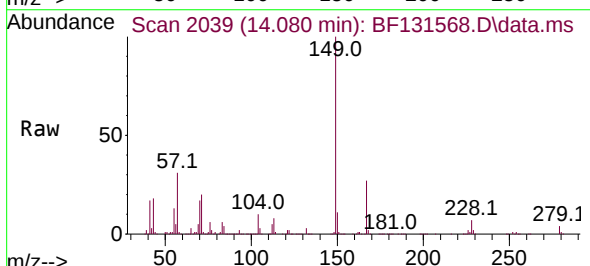
Delta R.T. 0.000 min

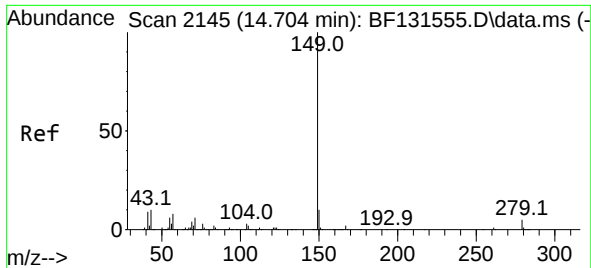
Lab File: BF131568.D

Acq: 09 Dec 2022 15:56

Tgt Ion:149 Resp: 213623

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.8	31.2
279	4.2	3.3	4.9





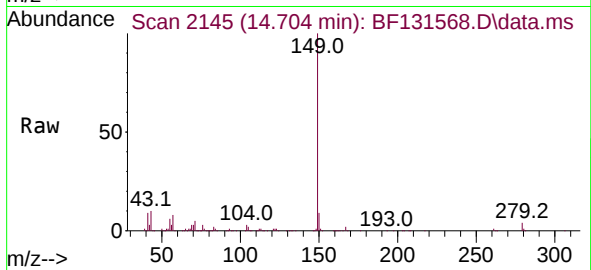
#85
Di-n-octyl phthalate
Concen: 40.835 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

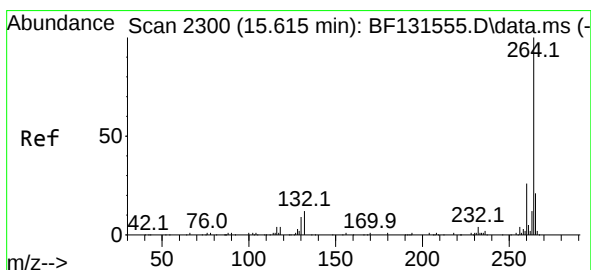
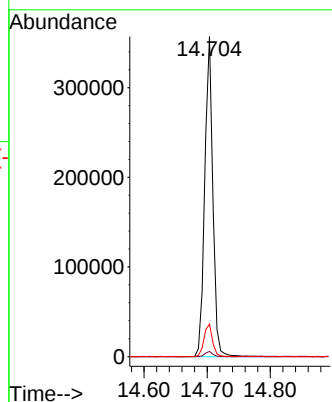
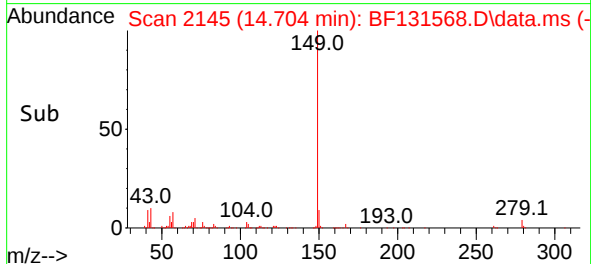


Tgt Ion:149 Resp: 316505
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.7 8.6 13.0

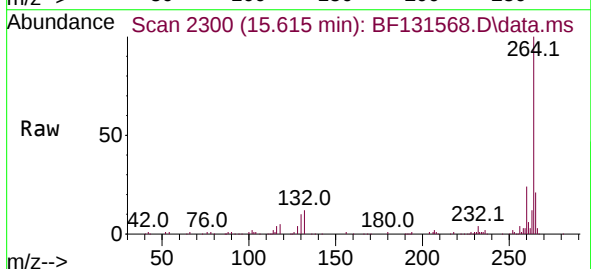
Manual Integrations

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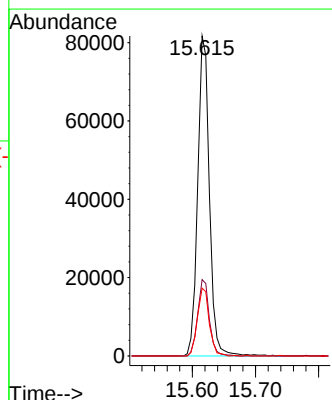
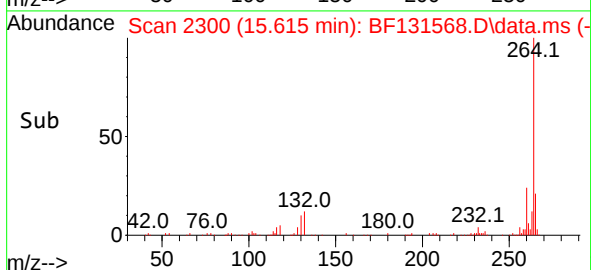
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

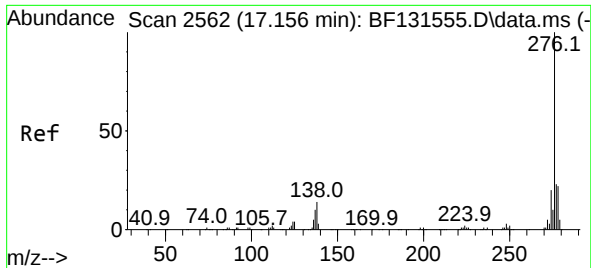


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:264 Resp: 105223
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 21.2 16.8 25.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.619 ng
 RT: 17.162 min Scan# 2562
 Delta R.T. 0.006 min
 Lab File: BF131568.D
 Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

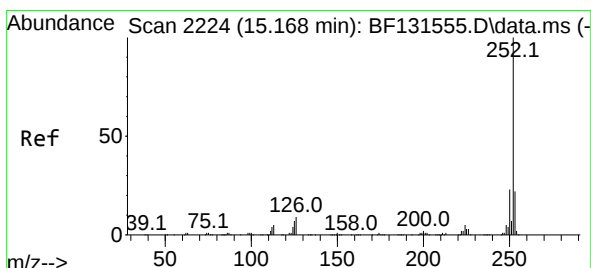
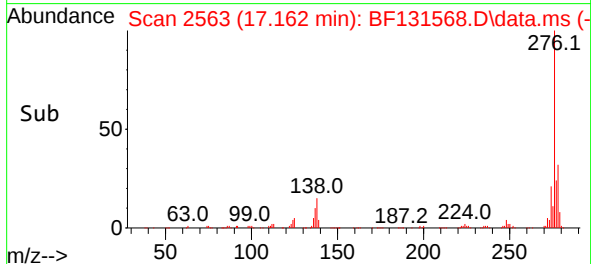
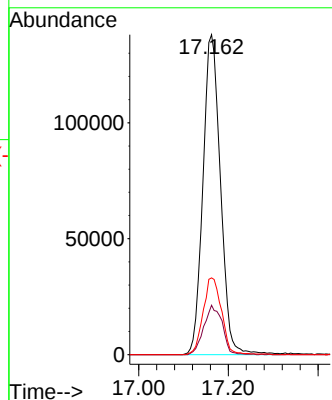
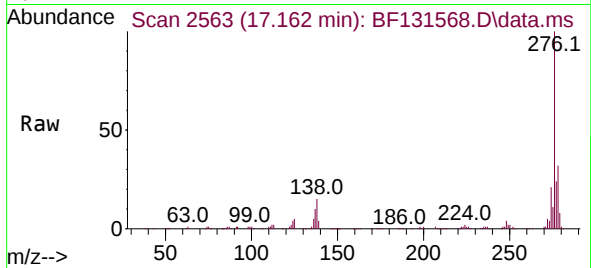
PB149504BS

Tgt Ion:276 Resp: 374566
 Ion Ratio Lower Upper
 276 100
 138 16.1 12.7 19.1
 277 25.2 20.0 30.0

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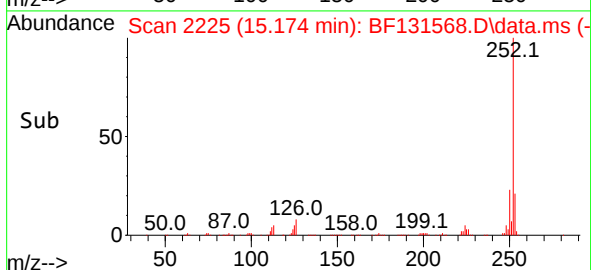
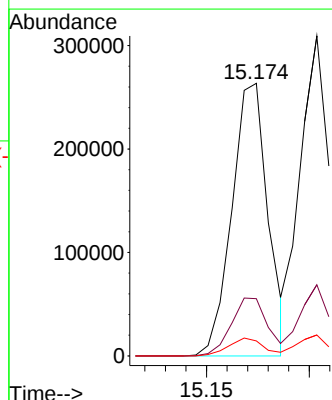
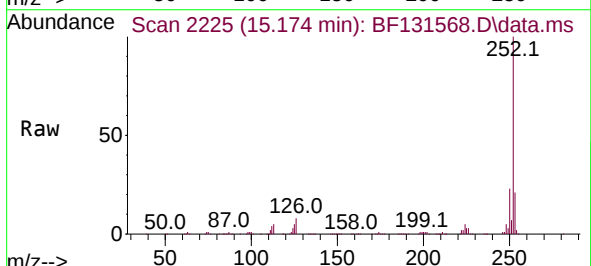
APPROVED

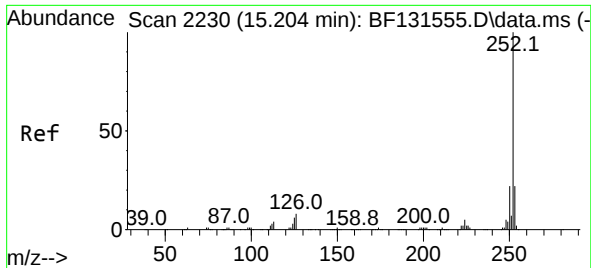
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#88
 Benzo(b)fluoranthene
 Concen: 46.344 ng m
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.006 min
 Lab File: BF131568.D
 Acq: 09 Dec 2022 15:56

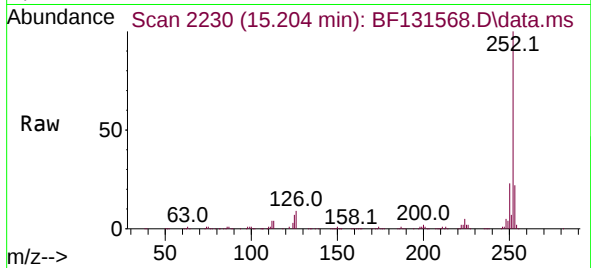
Tgt Ion:252 Resp: 321402
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.7 26.5
 125 5.5 5.6 8.4#





#89
Benzo(k)fluoranthene
Concen: 43.841 ng
RT: 15.204 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

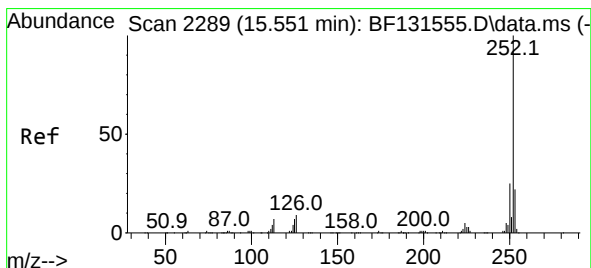
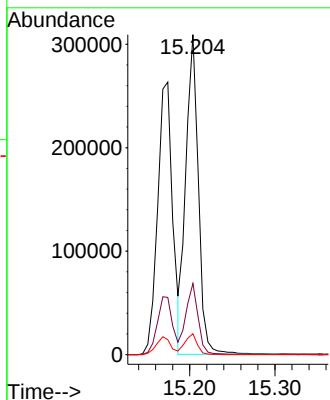
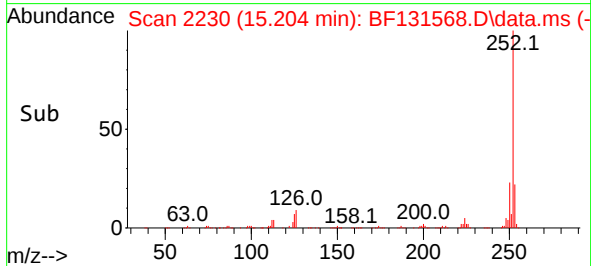
Instrument :
BNA_F
ClientSampleId :
PB149504BS



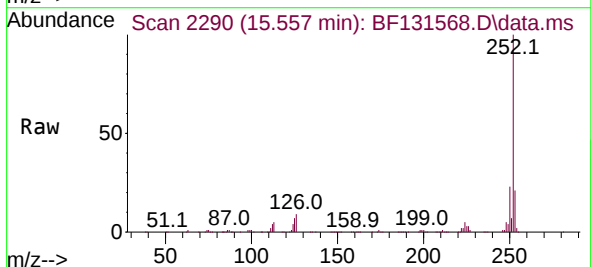
Tgt Ion:252 Resp: 317343
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 6.5 4.9 7.3

Manual Integrations
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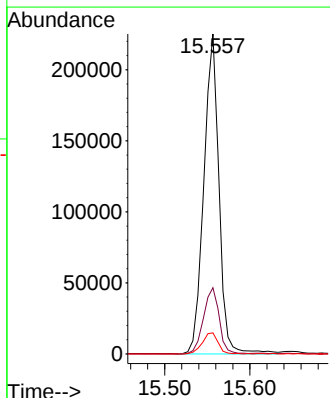
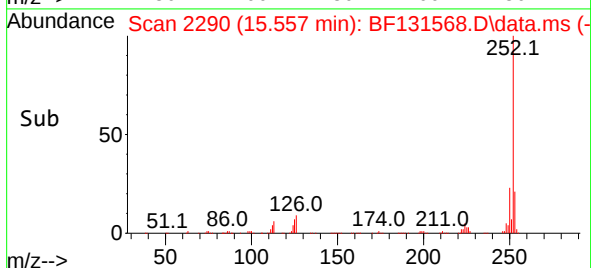
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

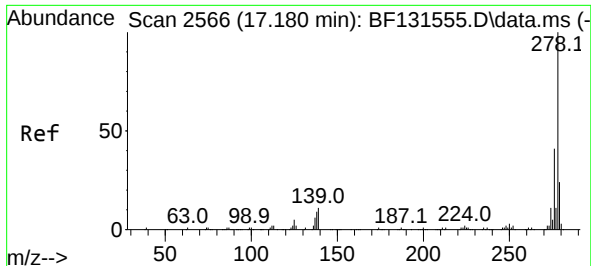


#90
Benzo(a)pyrene
Concen: 47.045 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:252 Resp: 278433
Ion Ratio Lower Upper
252 100
253 20.7 17.5 26.3
125 6.6 5.6 8.4





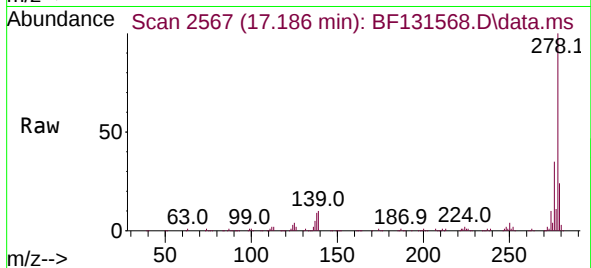
#91
Dibenzo(a,h)anthracene
Concen: 45.240 ng
RT: 17.186 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56

Instrument :

BNA_F

ClientSampleId :

PB149504BS

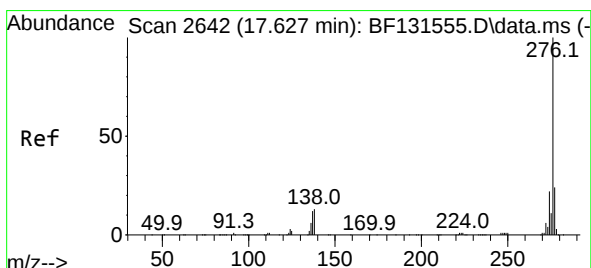
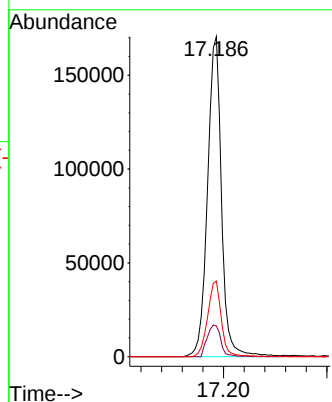
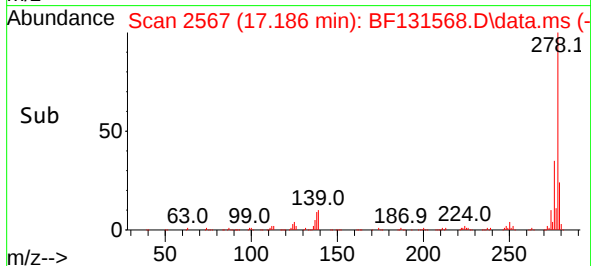


Tgt Ion:278 Resp: 319734
Ion Ratio Lower Upper
278 100
139 9.6 8.9 13.3
279 23.6 19.0 28.6

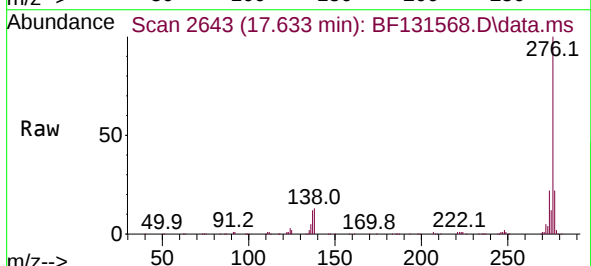
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Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#92
Benzo(g,h,i)perylene
Concen: 44.639 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131568.D
Acq: 09 Dec 2022 15:56



Tgt Ion:276 Resp: 317073
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.6
138 13.1 10.7 16.1

