

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133149.D
 Acq On : 01 May 2023 11:43
 Operator : CG\JU
 Sample : PB152469BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	201383	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	837754	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	423860	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	745249	20.000	ng	0.00
76) Chrysene-d12	13.892	240	486068	20.000	ng	0.00
86) Perylene-d12	15.309	264	431492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1772100	132.928	ng	0.01
7) Phenol-d6	6.381	99	2157366	130.379	ng	0.00
23) Nitrobenzene-d5	7.304	82	1347298	86.807	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	555503	130.316	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2202644	86.940	ng	0.00
79) Terphenyl-d14	12.845	244	2430206	86.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	223912	36.211	ng	97
3) Pyridine	3.163	79	583489	35.528	ng	97
4) n-Nitrosodimethylamine	3.116	42	347328	40.830	ng	96
6) Aniline	6.398	93	843493	39.579	ng	# 83
8) 2-Chlorophenol	6.516	128	644351	47.604	ng	98
9) Benzaldehyde	6.275	77	375406	56.457	ng	96
10) Phenol	6.392	94	744236	40.771	ng	# 64
11) bis(2-Chloroethyl)ether	6.469	93	606496	44.276	ng	100
12) 1,3-Dichlorobenzene	6.675	146	660085	45.869	ng	98
13) 1,4-Dichlorobenzene	6.751	146	664835	46.096	ng	98
14) 1,2-Dichlorobenzene	6.904	146	639442	48.090	ng	98
15) Benzyl Alcohol	6.881	79	515057	45.062	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	990324	41.624	ng	93
17) 2-Methylphenol	6.998	107	536000	43.246	ng	98
18) Hexachloroethane	7.245	117	233673	46.601	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	411444	39.941	ng	97
20) 3+4-Methylphenols	7.151	107	616326	42.225	ng	93
22) Acetophenone	7.145	105	839768	43.273	ng	# 98
24) Nitrobenzene	7.322	77	656291	41.729	ng	97
25) Isophorone	7.557	82	1210523	41.079	ng	97
26) 2-Nitrophenol	7.633	139	354780	46.769	ng	98
27) 2,4-Dimethylphenol	7.680	122	584738	44.954	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	730588	41.908	ng	100
29) 2,4-Dichlorophenol	7.880	162	521864	44.071	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	548568	44.717	ng	99
31) Naphthalene	8.039	128	1772080	42.308	ng	99
32) Benzoic acid	7.816	122	414556	51.596	ng	97
33) 4-Chloroaniline	8.092	127	572111	33.806	ng	98
34) Hexachlorobutadiene	8.163	225	294806	43.359	ng	99
35) Caprolactam	8.463	113	191292m	48.088	ng	
36) 4-Chloro-3-methylphenol	8.575	107	575283	45.052	ng	99
37) 2-Methylnaphthalene	8.733	142	1167432	40.768	ng	97
38) 1-Methylnaphthalene	8.827	142	1101489	41.118	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	469974	41.239	ng	98
41) Hexachlorocyclopentadiene	8.886	237	629095	94.652	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	345990	43.900	ng	99

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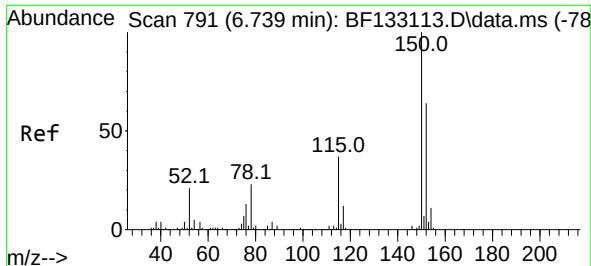
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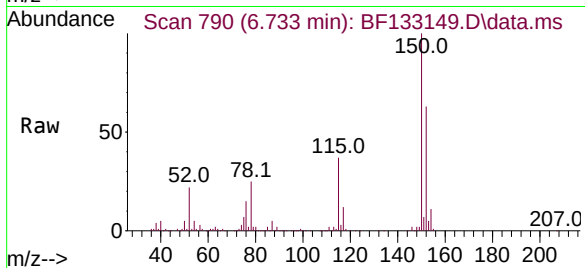
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	380216	41.713	ng	100
46) 1,1'-Biphenyl	9.198	154	1416054	42.132	ng	99
47) 2-Chloronaphthalene	9.222	162	1085098	44.109	ng	99
48) 2-Nitroaniline	9.316	65	353795	43.515	ng	98
49) Acenaphthylene	9.633	152	1625941	41.364	ng	100
50) Dimethylphthalate	9.498	163	1280610	43.330	ng	99
51) 2,6-Dinitrotoluene	9.557	165	297030	44.652	ng	96
52) Acenaphthene	9.810	154	1176076m	44.673	ng	
53) 3-Nitroaniline	9.727	138	281731	35.620	ng	98
54) 2,4-Dinitrophenol	9.833	184	337009	100.791	ng	96
55) Dibenzofuran	9.980	168	1444782	40.231	ng	99
56) 4-Nitrophenol	9.898	139	518159	84.584	ng	97
57) 2,4-Dinitrotoluene	9.963	165	378028	44.562	ng	89
58) Fluorene	10.321	166	1063121	40.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	299051	42.319	ng	99
60) Diethylphthalate	10.198	149	1152857	41.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	518092	40.408	ng	96
62) 4-Nitroaniline	10.345	138	329044	45.263	ng	95
63) Azobenzene	10.474	77	1094401	37.007	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	221786	49.099	ng	86
66) n-Nitrosodiphenylamine	10.433	169	995230	41.169	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	336950	41.688	ng	96
68) Hexachlorobenzene	10.869	284	369145	44.571	ng	98
69) Atrazine	10.963	200	341443	49.019	ng	99
70) Pentachlorophenol	11.063	266	445905	75.596	ng	98
71) Phenanthrene	11.280	178	1661588	41.483	ng	99
72) Anthracene	11.333	178	1675053	40.863	ng	99
73) Carbazole	11.486	167	1567188	42.936	ng	100
74) Di-n-butylphthalate	11.821	149	1780187	43.098	ng	99
75) Fluoranthene	12.463	202	1692998	42.115	ng	99
77) Benzidine	12.592	184	1195061	145.390	ng	# 92
78) Pyrene	12.692	202	1753336	42.079	ng	99
80) Butylbenzylphthalate	13.315	149	725272	49.160	ng	98
81) Benzo(a)anthracene	13.880	228	1372873	41.073	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	414512	44.891	ng	99
83) Chrysene	13.915	228	1362466	40.771	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	829503	44.794	ng	100
85) Di-n-octyl phthalate	14.492	149	1461717	48.410	ng	95
87) Indeno(1,2,3-cd)pyrene	16.692	276	1167218	47.556	ng	99
88) Benzo(b)fluoranthene	14.904	252	1299767	47.349	ng	98
89) Benzo(k)fluoranthene	14.933	252	1121211	41.203	ng	98
90) Benzo(a)pyrene	15.251	252	1026238	41.072	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	969529	47.361	ng	98
92) Benzo(g,h,i)perylene	17.109	276	972673	48.128	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.733 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

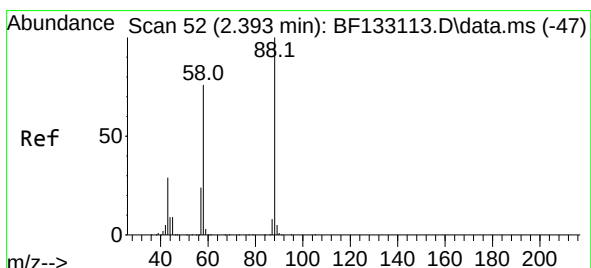
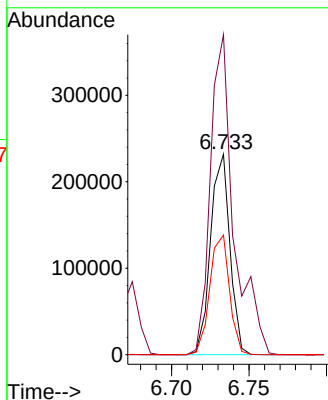
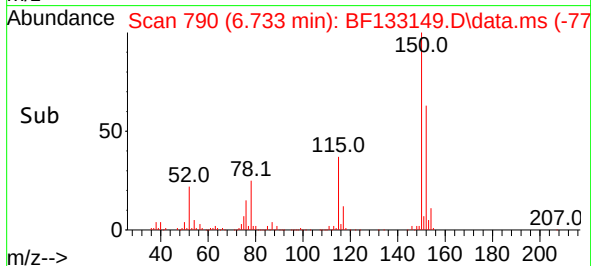
Instrument :
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PB152469BS



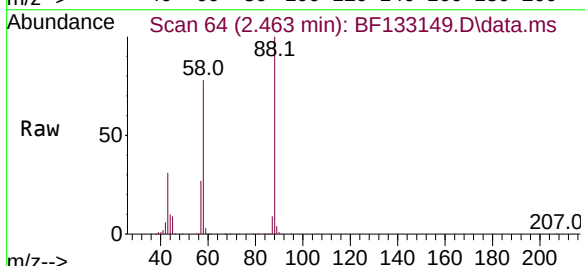
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Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 59.7 49.9 74.9

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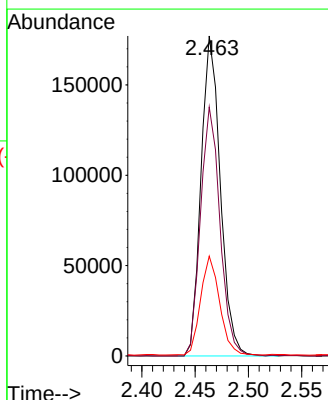
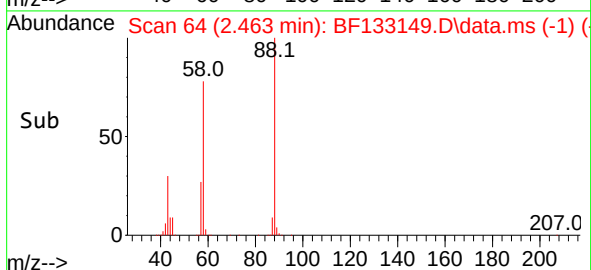
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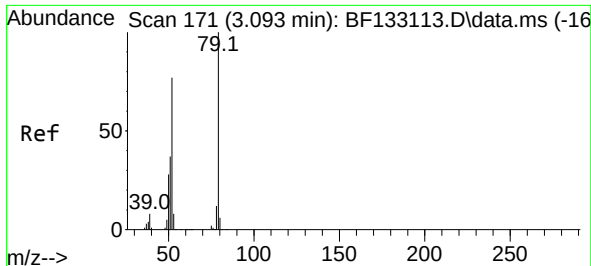


#2
1,4-Dioxane
Concen: 36.211 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.076 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



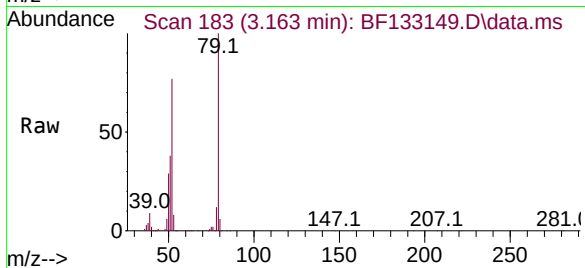
Tgt Ion: 88 Resp: 223912
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 30.4 26.2 39.2





#3
Pyridine
Concen: 35.528 ng
RT: 3.163 min Scan# 171
Delta R.T. 0.076 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

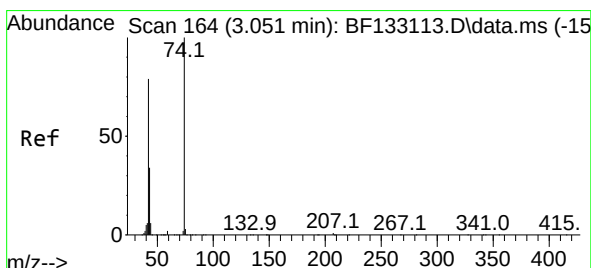
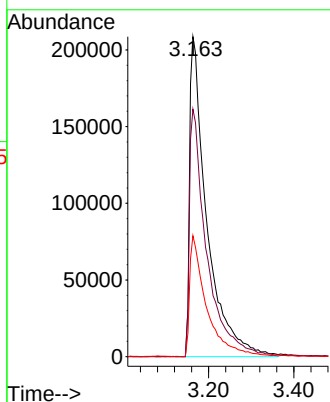
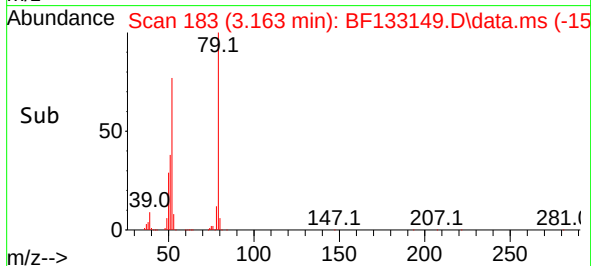
Instrument :
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ClientSampleId :
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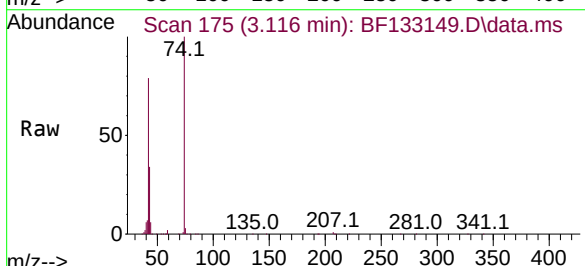
Tgt Ion: 79 Resp: 583489
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 37.8 30.0 45.0

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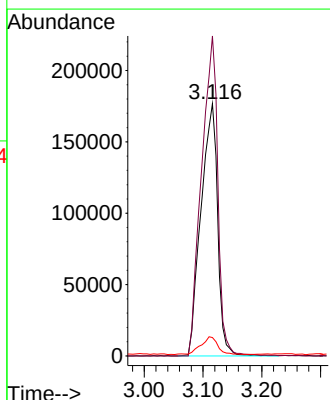
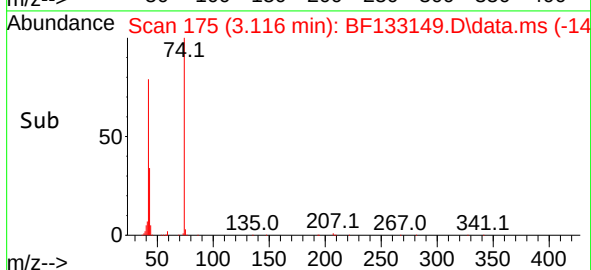
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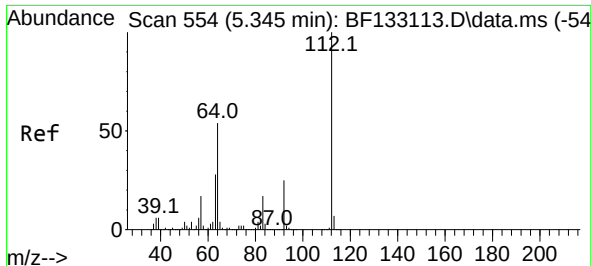


#4
n-Nitrosodimethylamine
Concen: 40.830 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.071 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



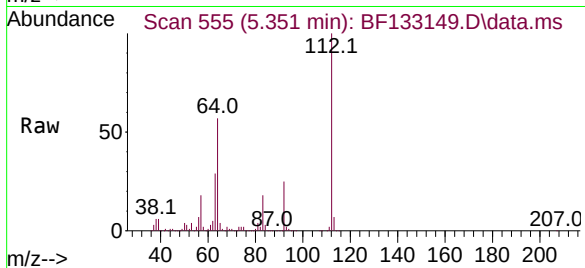
Tgt Ion: 42 Resp: 347328
Ion Ratio Lower Upper
42 100
74 126.8 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 132.928 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

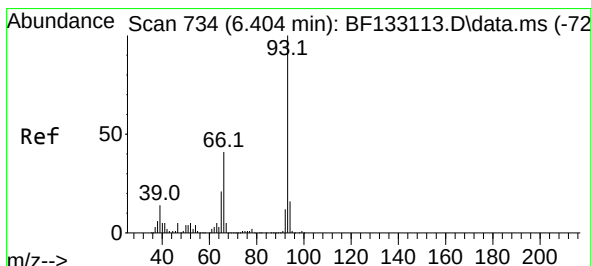
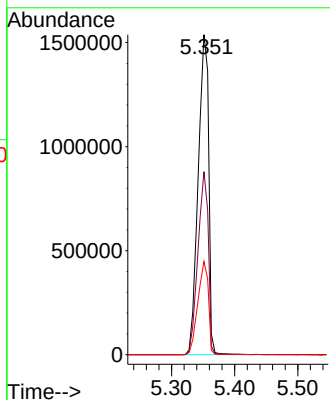
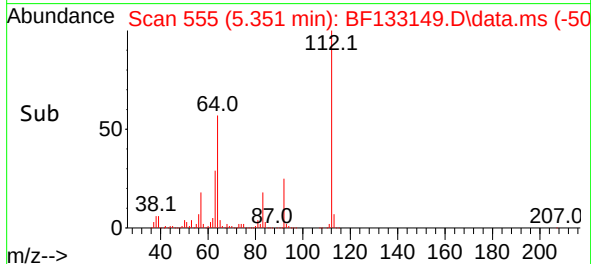
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Tgt Ion:112 Resp: 1772100
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.1 23.8 35.8

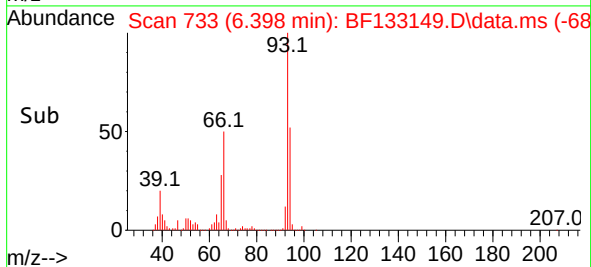
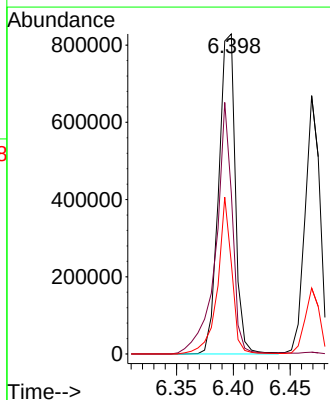
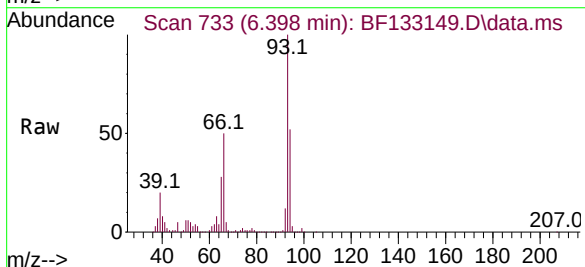
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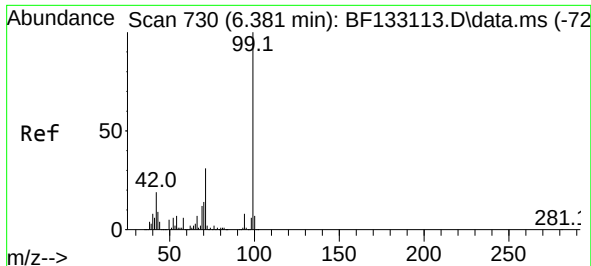
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#6
Aniline
Concen: 39.579 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

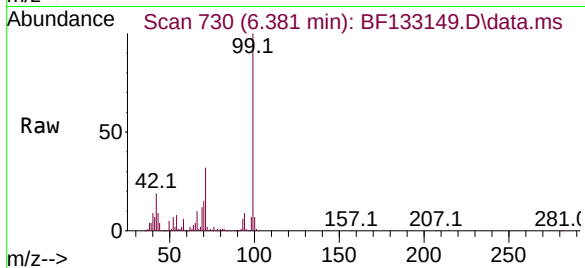
Tgt Ion: 93 Resp: 843493
Ion Ratio Lower Upper
93 100
66 50.2 31.5 47.3#
65 28.3 16.4 24.6#





#7
Phenol-d6
Concen: 130.379 ng
RT: 6.381 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

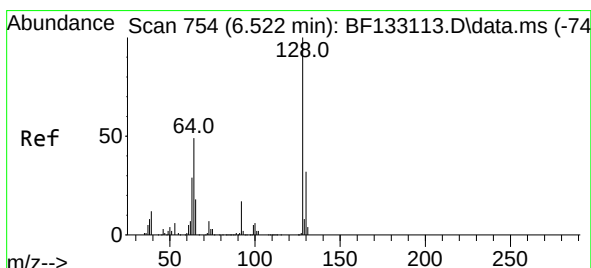
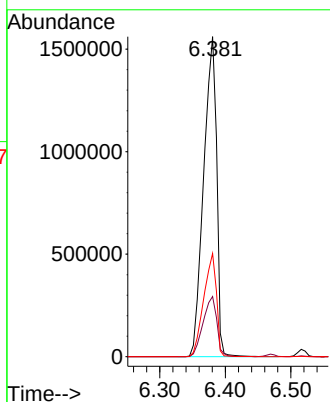
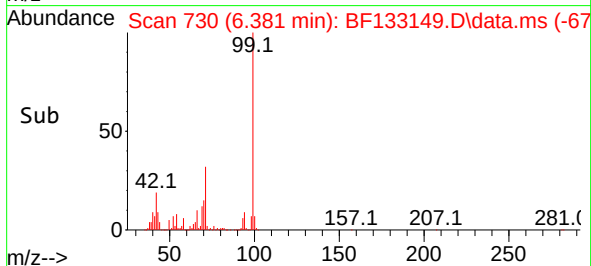
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Tgt Ion: 99 Resp: 2157360
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 32.3 25.6 38.4

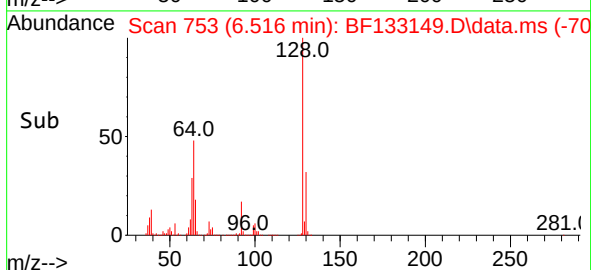
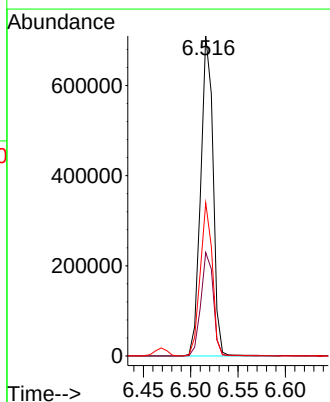
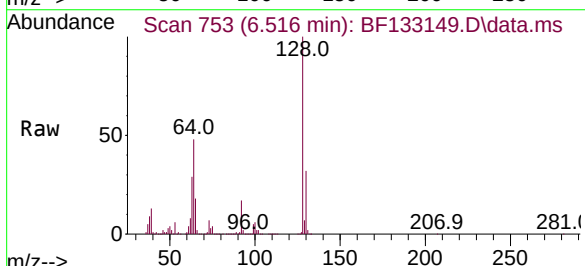
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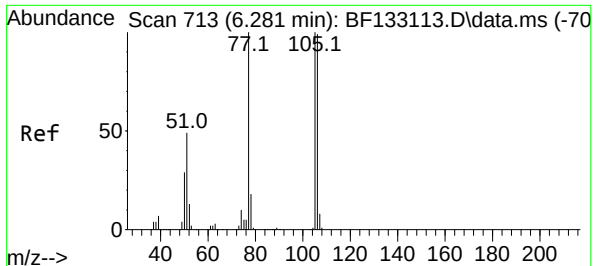
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#8
2-Chlorophenol
Concen: 47.604 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

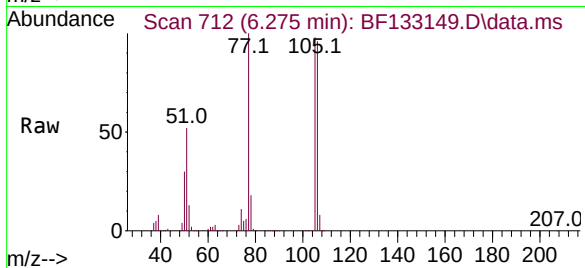
Tgt Ion:128 Resp: 644351
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 47.8 30.3 70.3





#9
Benzaldehyde
Concen: 56.457 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

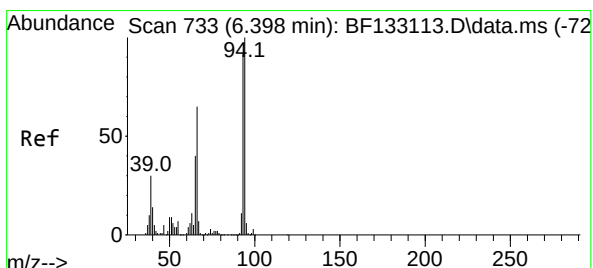
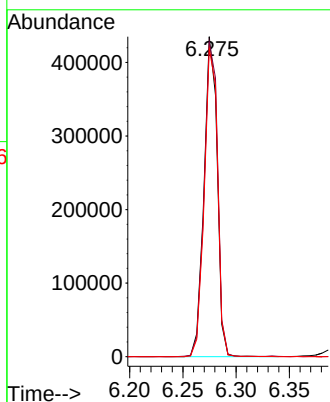
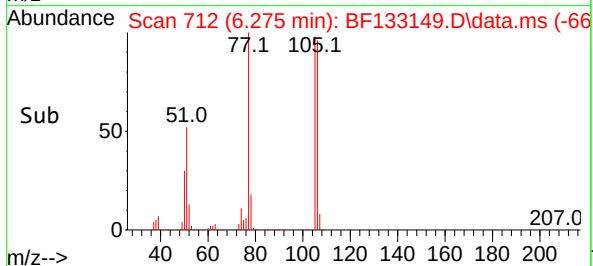
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 375400
Ion Ratio Lower Upper
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105 98.3 82.3 122.3
106 96.2 80.8 120.8

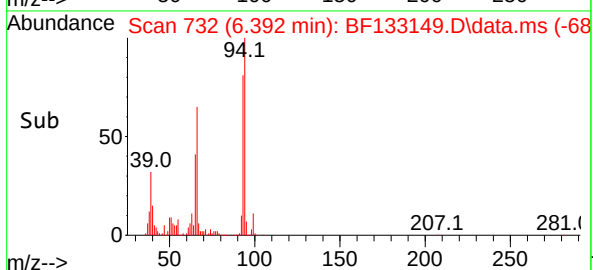
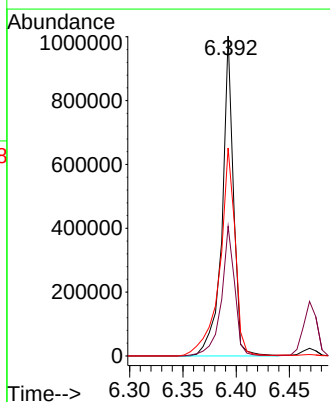
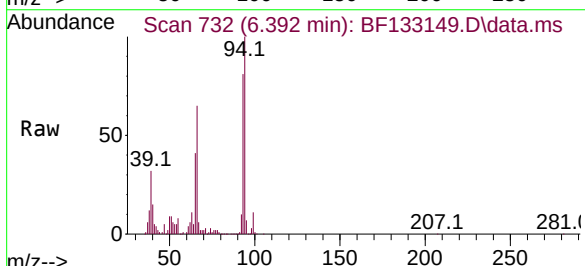
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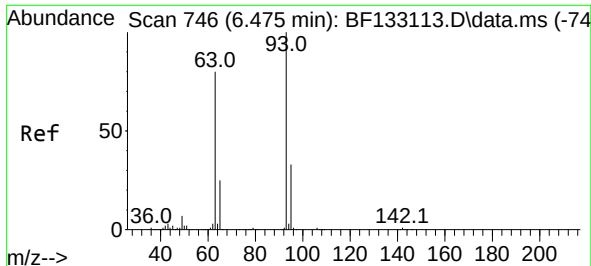
Reviewed By :Christian Giraldo 05/02/2023
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#10
Phenol
Concen: 40.771 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133149.D
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Tgt Ion: 94 Resp: 744236
Ion Ratio Lower Upper
94 100
65 40.5 8.6 48.6
66 65.0 17.3 57.3#





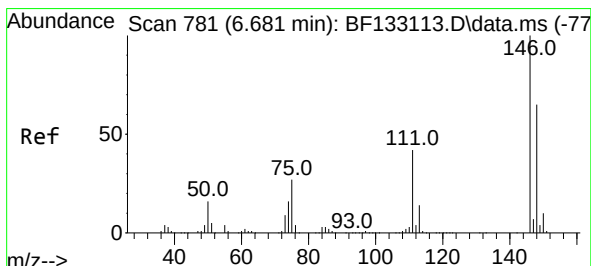
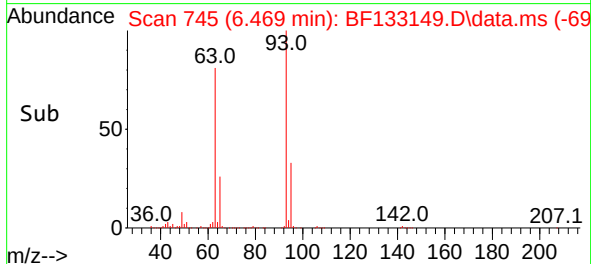
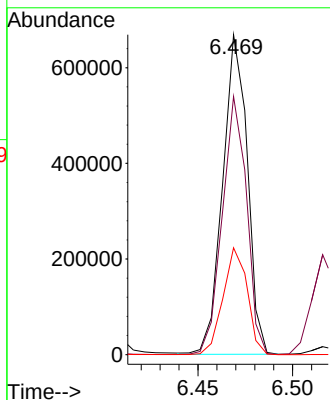
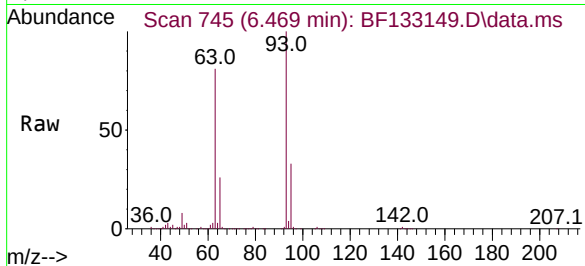
#11
bis(2-Chloroethyl)ether
Concen: 44.276 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion: 93 Resp: 606490
Ion Ratio Lower Upper
93 100
63 80.7 60.6 100.6
95 33.4 12.9 52.9

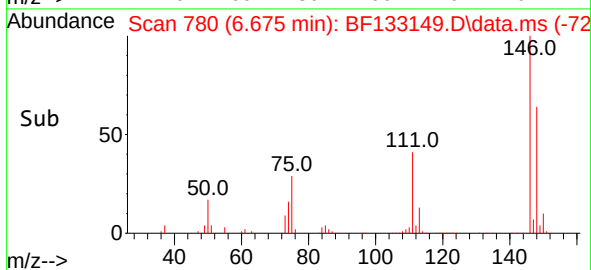
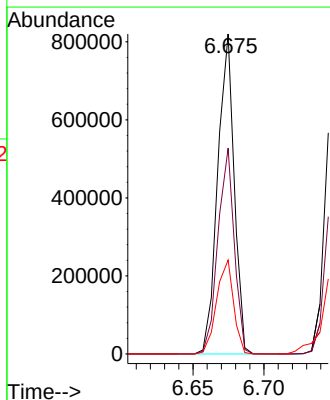
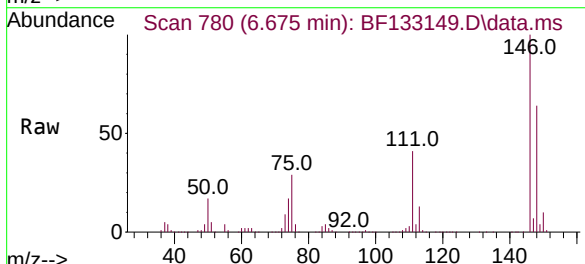
Manual Integrations
APPROVED

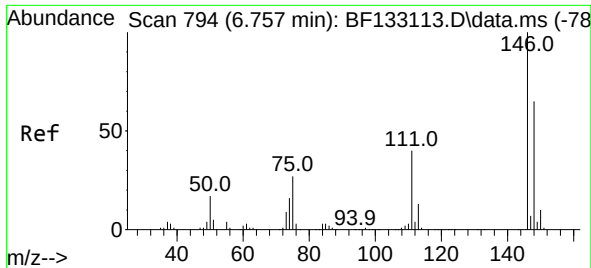
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
1,3-Dichlorobenzene
Concen: 45.869 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:146 Resp: 660085
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.096 ng

RT: 6.751 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

Tgt Ion:146 Resp: 66483

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

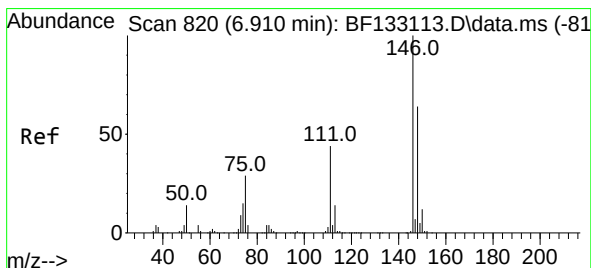
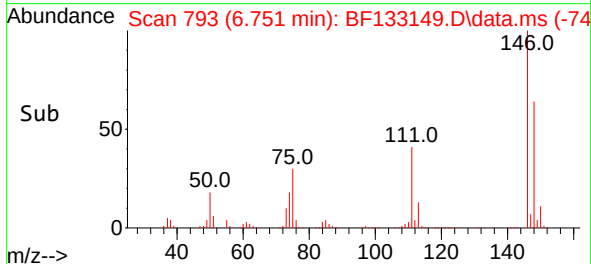
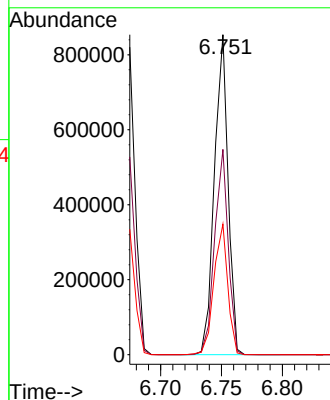
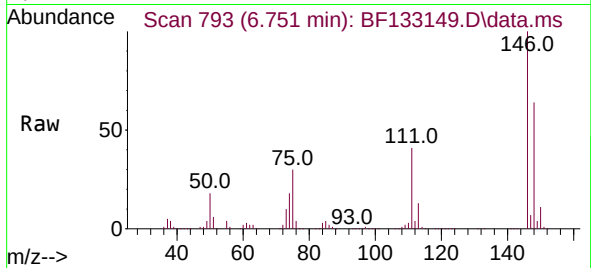
111 40.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#14

1,2-Dichlorobenzene

Concen: 48.090 ng

RT: 6.904 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

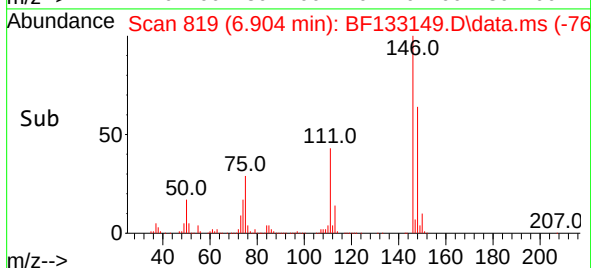
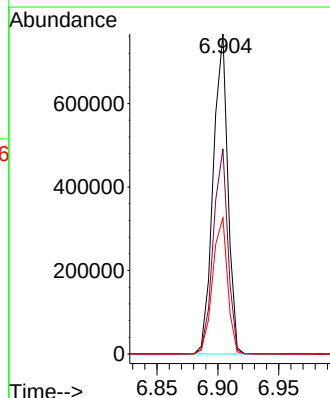
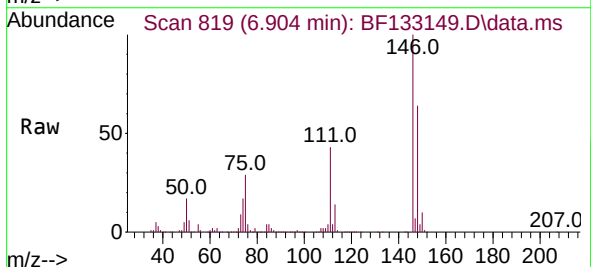
Tgt Ion:146 Resp: 639442

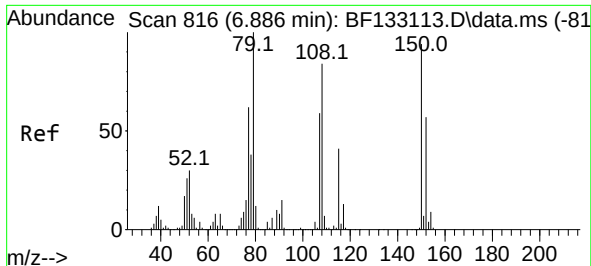
Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

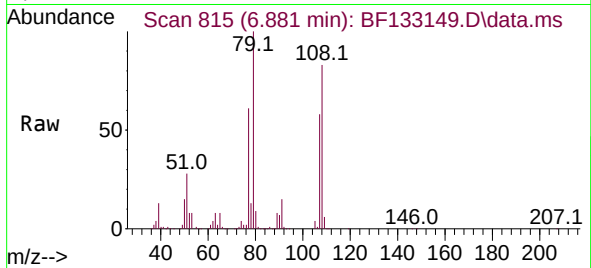
111 42.5 32.8 49.2





#15
Benzyl Alcohol
Concen: 45.062 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

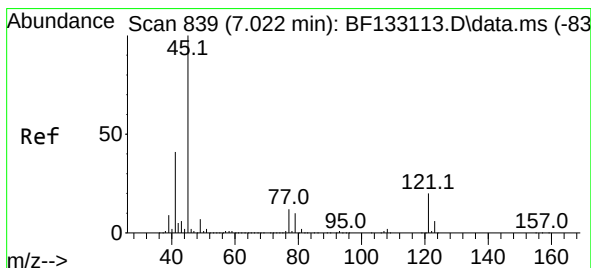
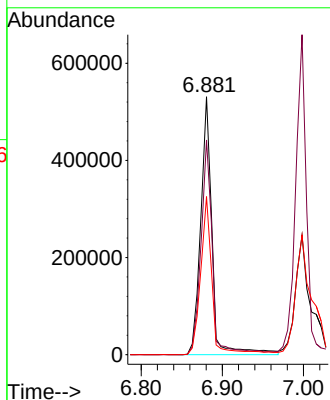
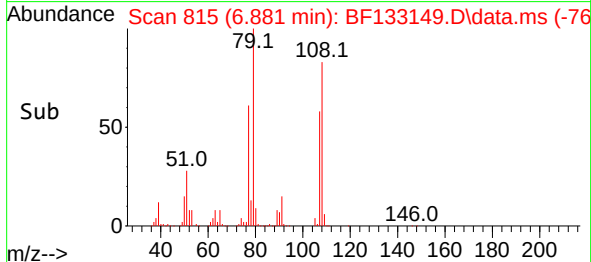
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion: 79 Resp: 51505
Ion Ratio Lower Upper
79 100
108 83.2 66.6 99.8
77 61.3 49.2 73.8

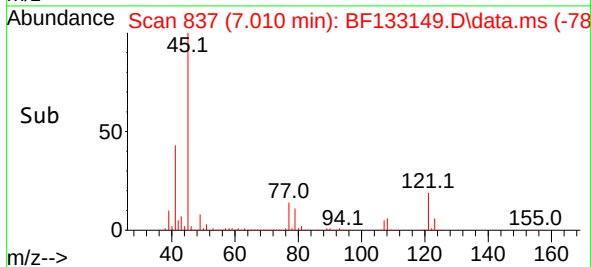
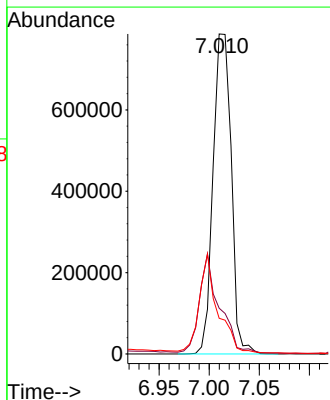
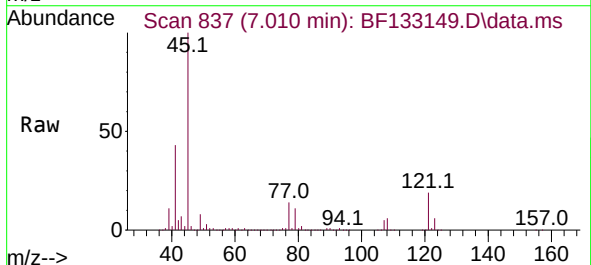
Manual Integrations
APPROVED

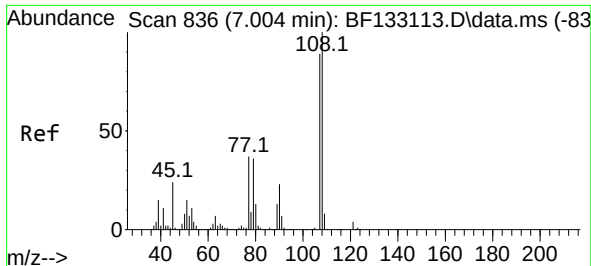
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.624 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 45 Resp: 990324
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.5
79 11.1 0.0 28.7





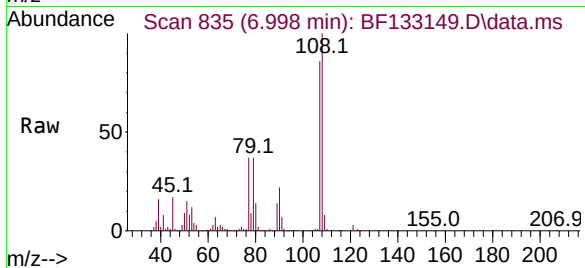
#17
2-Methylphenol
Concen: 43.246 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

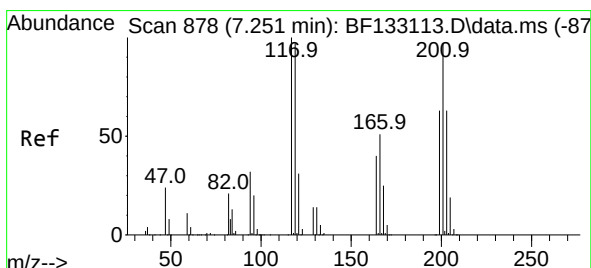
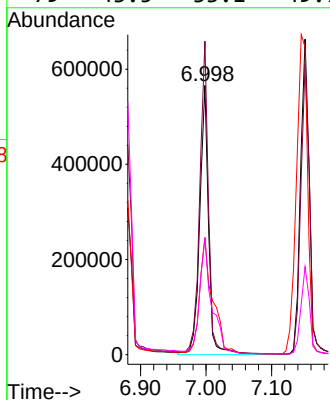
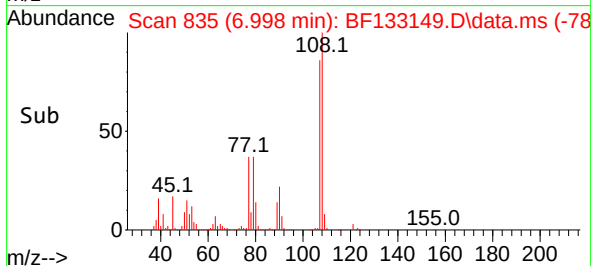


Tgt Ion:107 Resp: 536000
Ion Ratio Lower Upper
107 100
108 116.4 92.4 138.6
77 43.5 33.8 50.8
79 43.5 33.1 49.7

Manual Integrations

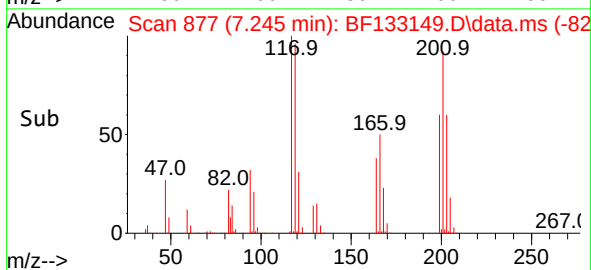
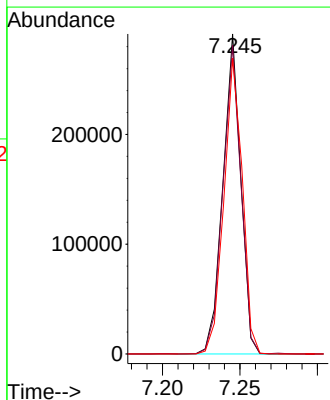
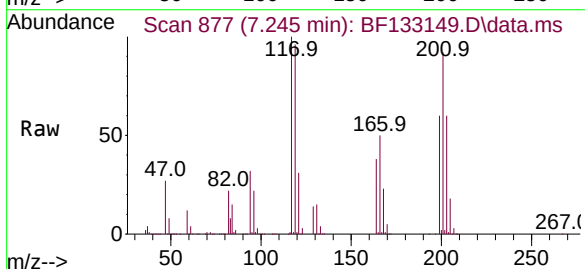
APPROVED

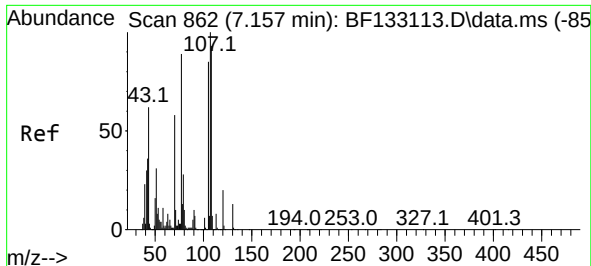
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#18
Hexachloroethane
Concen: 46.601 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:117 Resp: 233673
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4
201 92.3 81.7 122.5





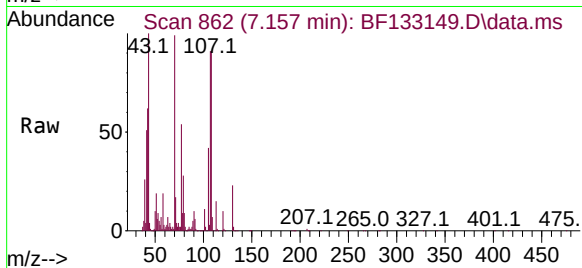
#19
n-Nitroso-di-n-propylamine
Concen: 39.941 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

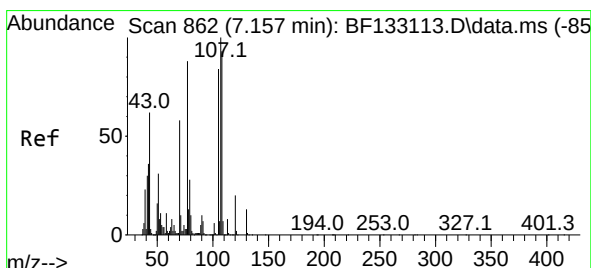
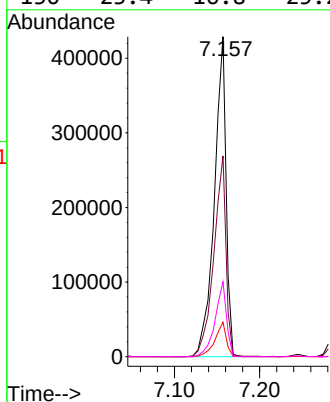
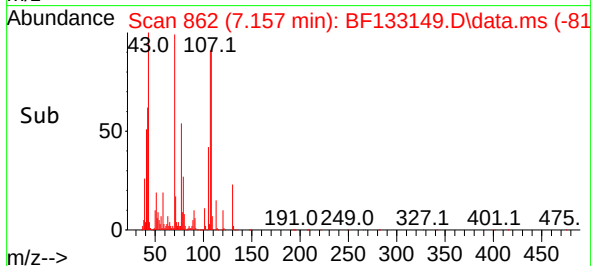
PB152469BS



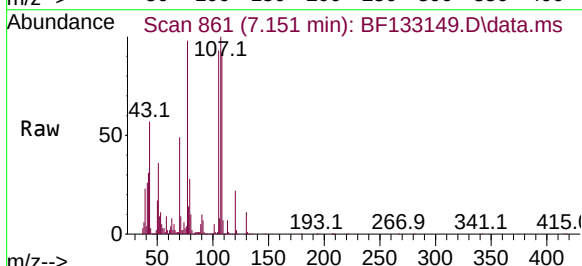
Tgt Ion:	70	Resp:	41144
Ion	Ratio	Lower	Upper
70	100		
42	62.8	51.8	77.6
101	10.7	8.0	12.0
130	23.4	16.8	25.2

Manual Integrations
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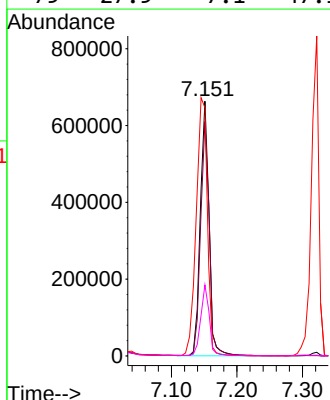
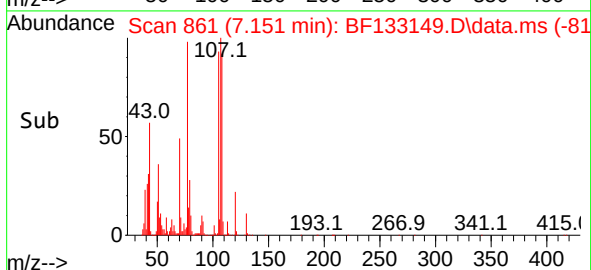
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

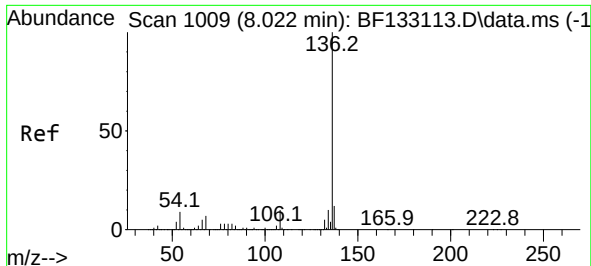


#20
3+4-Methylphenols
Concen: 42.225 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:	107	Resp:	616326
Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.5	110.5
77	97.5	91.7	131.7
79	27.9	7.1	47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

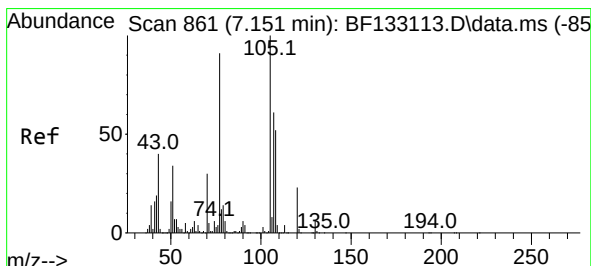
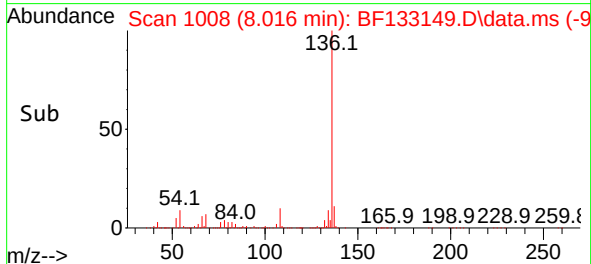
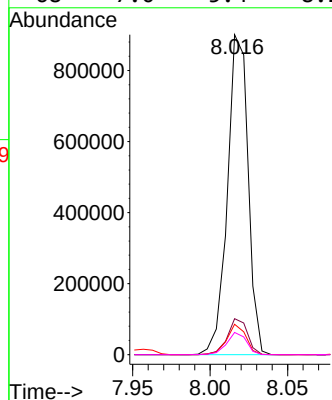
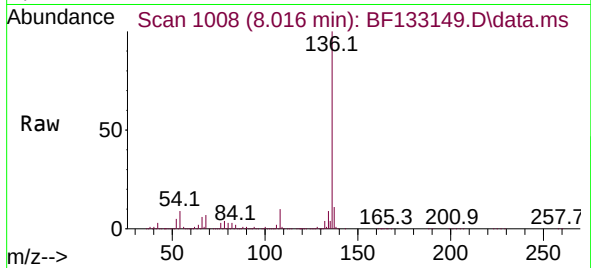
PB152469BS

Tgt Ion:136 Resp: 837754
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 7.0 10.4
68 7.0 5.4 8.2

Manual Integrations

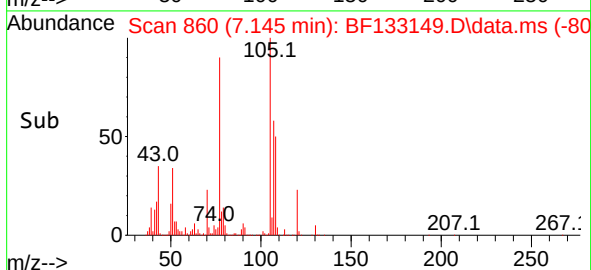
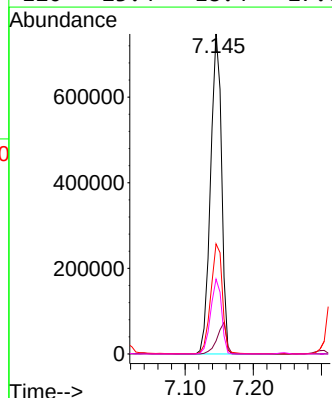
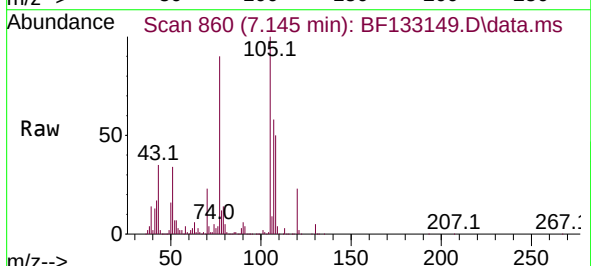
APPROVED

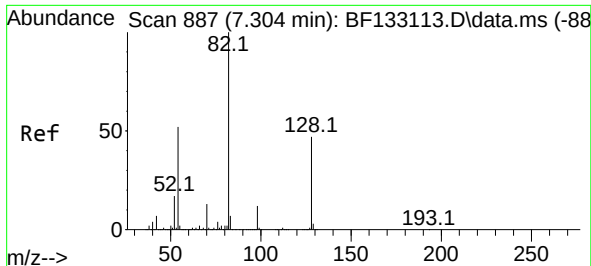
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#22
Acetophenone
Concen: 43.273 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:105 Resp: 839768
Ion Ratio Lower Upper
105 100
71 4.1 4.6 7.0#
51 34.4 28.2 42.2
120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 86.807 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

Tgt Ion: 82 Resp: 1347298

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

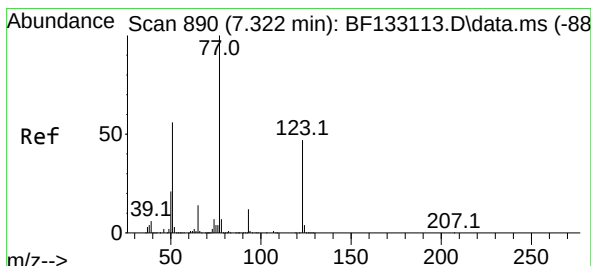
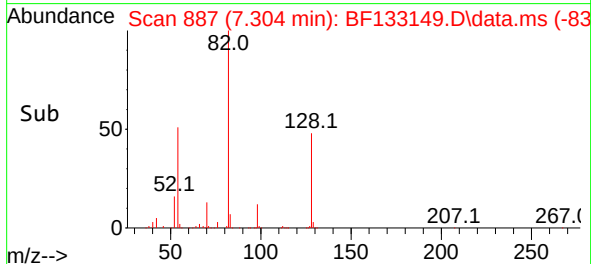
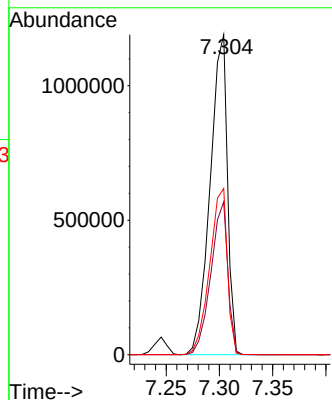
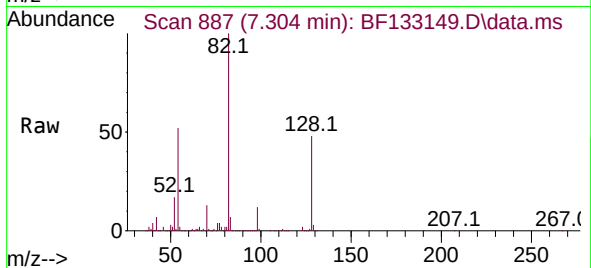
54 52.0 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#24

Nitrobenzene

Concen: 41.729 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

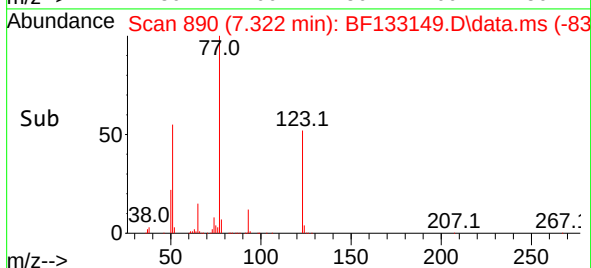
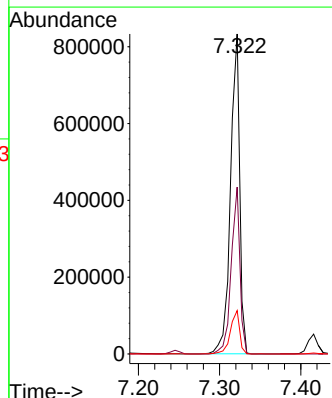
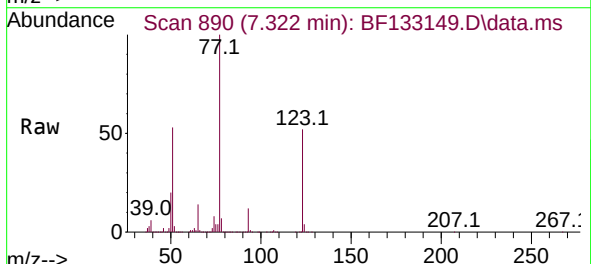
Tgt Ion: 77 Resp: 656291

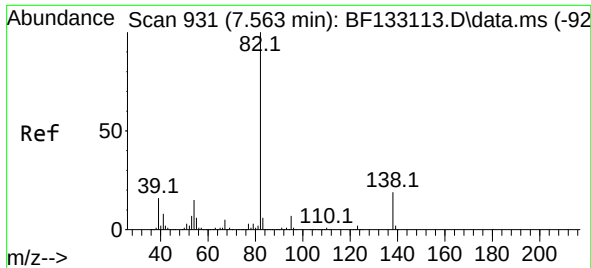
Ion Ratio Lower Upper

77 100

123 52.2 39.9 59.9

65 13.5 10.7 16.1





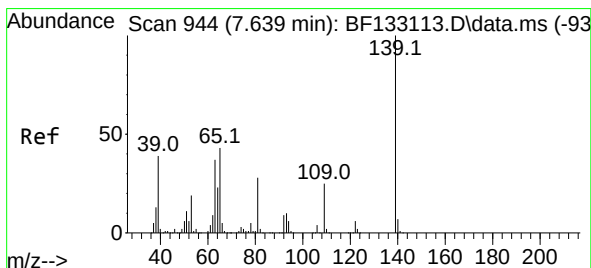
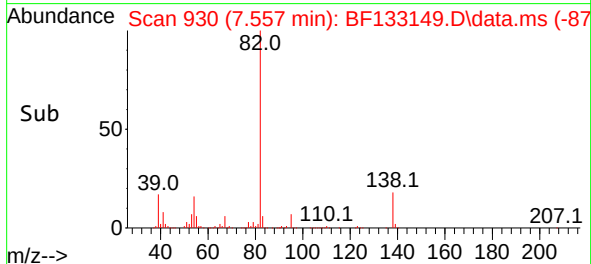
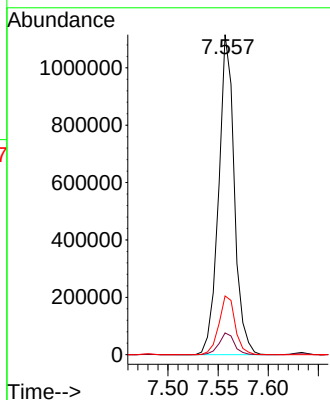
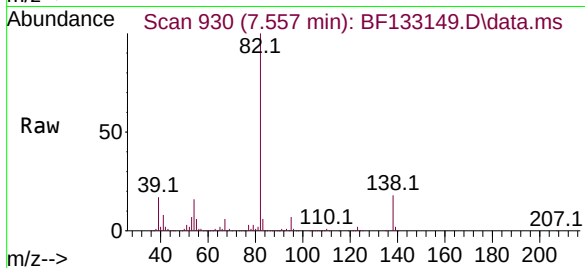
#25
Isophorone
Concen: 41.079 ng
RT: 7.557 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion: 82 Resp: 121052
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.4 16.0 24.0

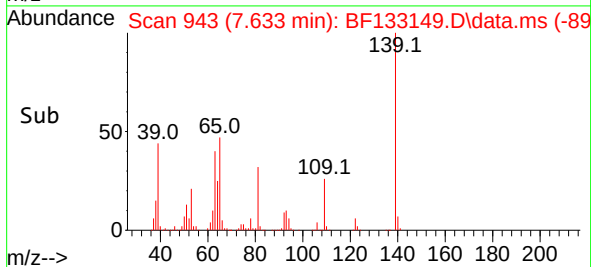
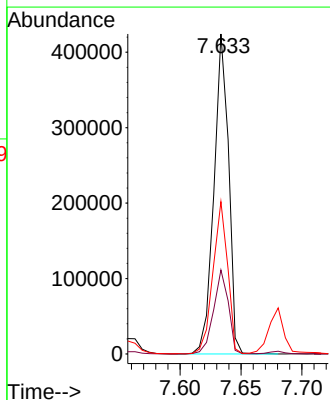
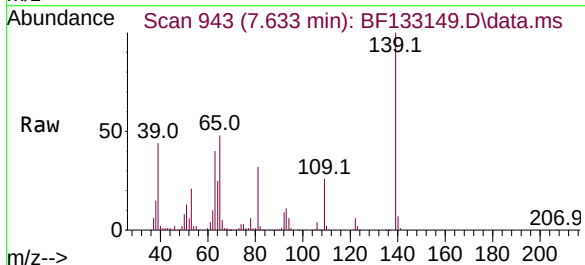
Manual Integrations
APPROVED

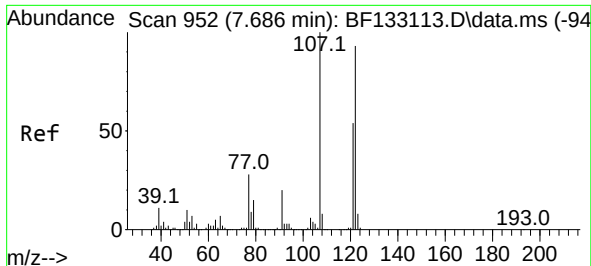
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
2-Nitrophenol
Concen: 46.769 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:139 Resp: 354780
Ion Ratio Lower Upper
139 100
109 26.3 21.6 32.4
65 47.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.954 ng

RT: 7.680 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF133149.D

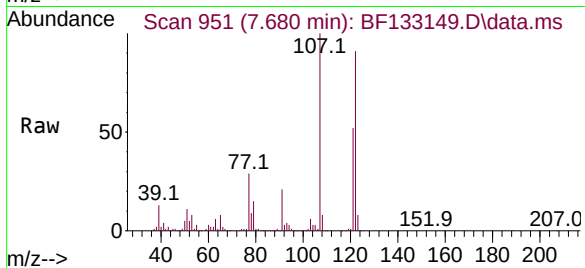
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

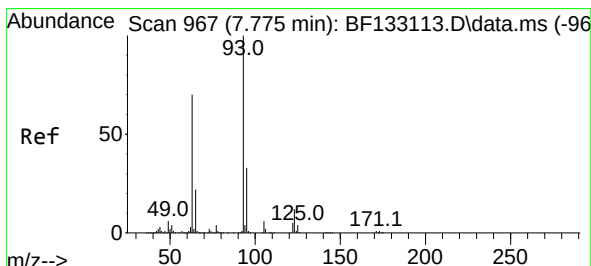
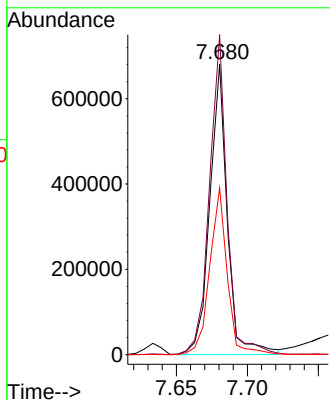
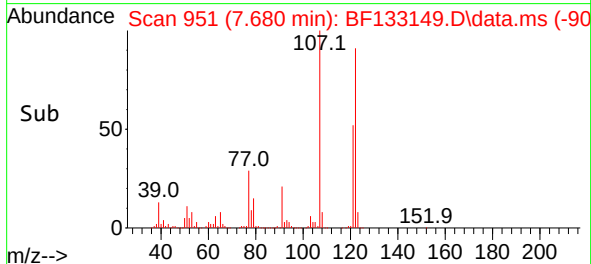


Tgt Ion:	122	Resp:	584738
Ion Ratio	Lower	Upper	
122	100		
107	110.1	89.7	134.5
121	57.3	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.908 ng

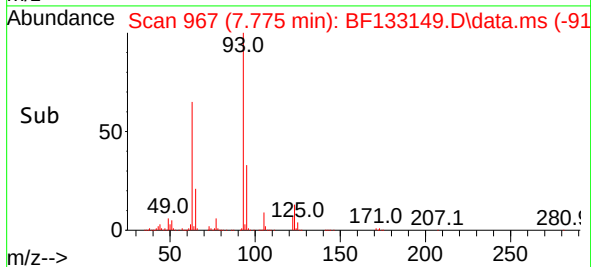
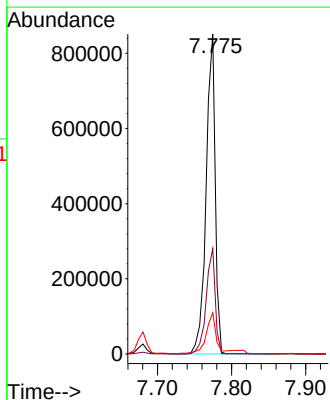
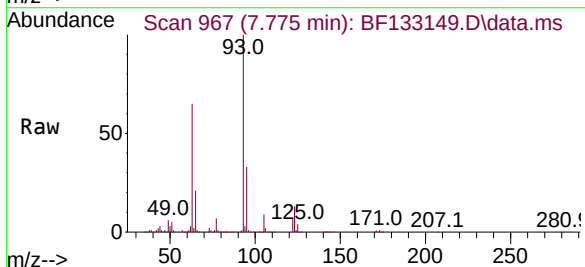
RT: 7.775 min Scan# 967

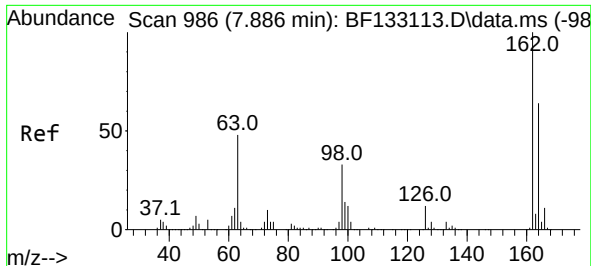
Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Tgt Ion:	93	Resp:	730588
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	12.9	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 44.071 ng

RT: 7.880 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

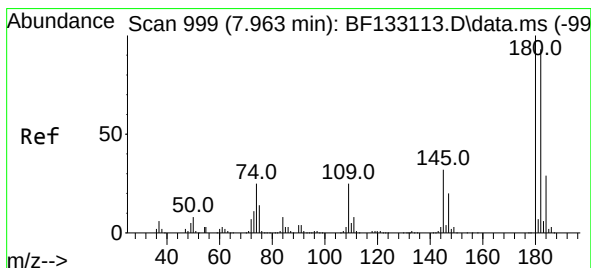
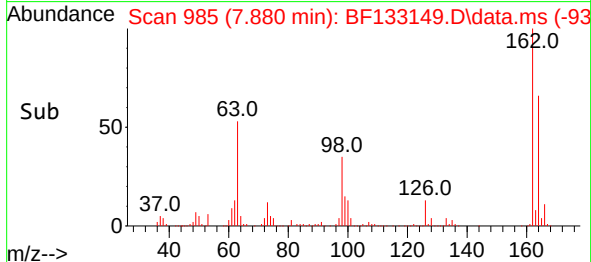
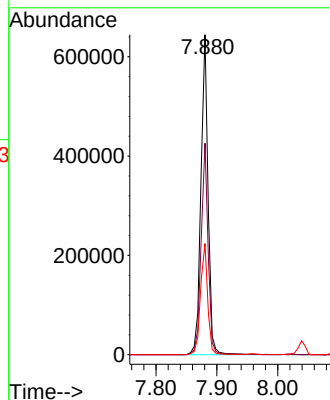
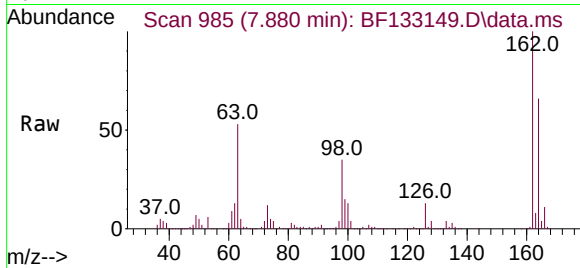
PB152469BS

Tgt Ion:162 Resp: 521864
 Ion Ratio Lower Upper
 162 100
 164 66.1 43.9 83.9
 98 34.8 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.717 ng

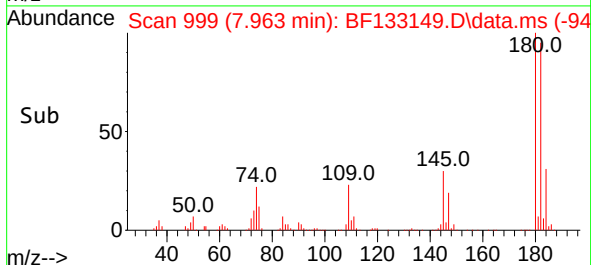
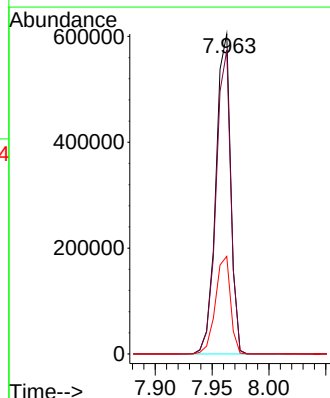
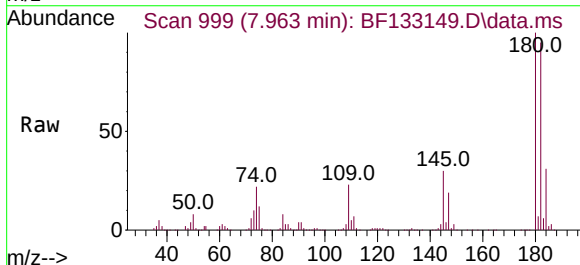
RT: 7.963 min Scan# 999

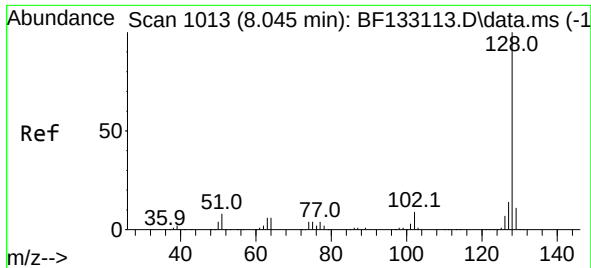
Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

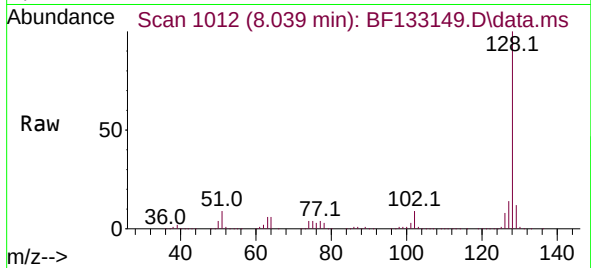
Tgt Ion:180 Resp: 548568
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.5 25.3 37.9





#31
Naphthalene
Concen: 42.308 ng
RT: 8.039 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

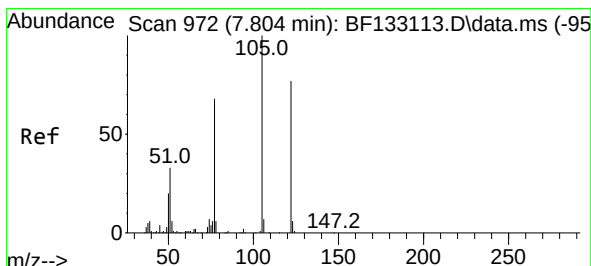
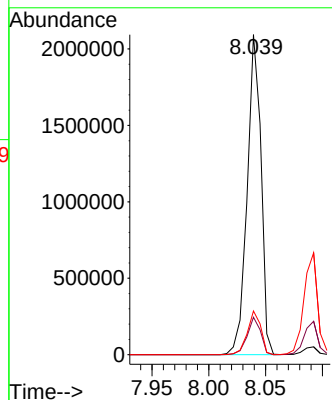
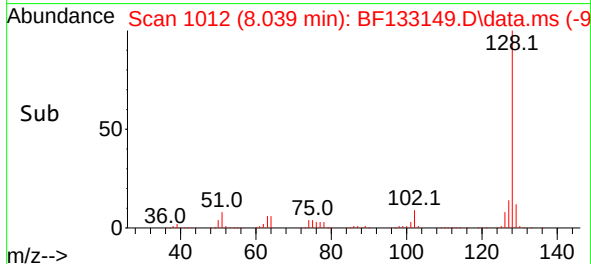
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion:128 Resp: 1772080
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.6 10.7 16.1

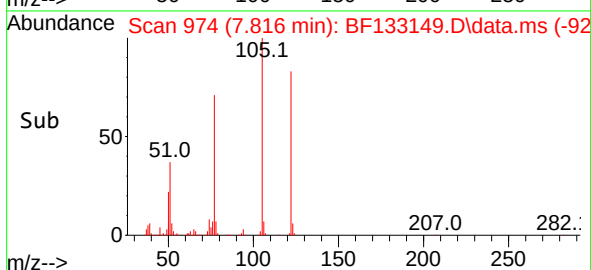
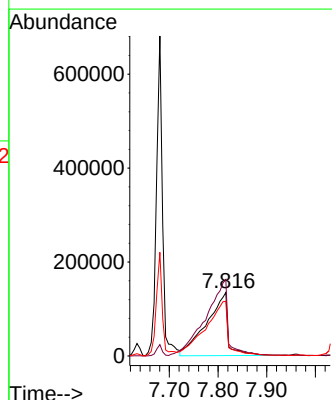
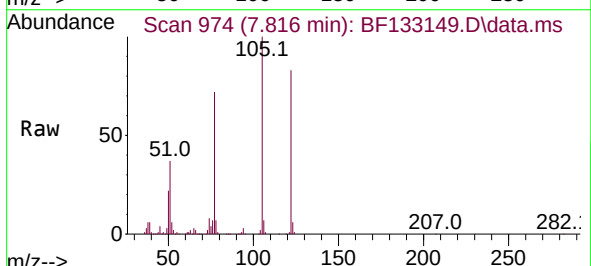
Manual Integrations
APPROVED

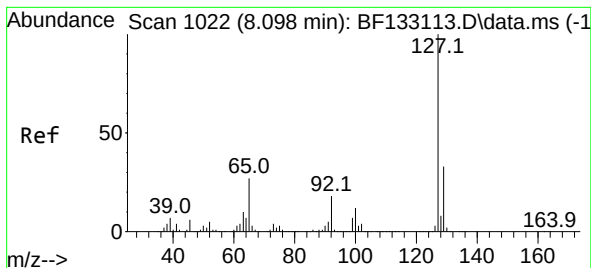
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#32
Benzoic acid
Concen: 51.596 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:122 Resp: 414556
Ion Ratio Lower Upper
122 100
105 120.6 104.2 144.2
77 86.3 69.7 109.7





#33
4-Chloroaniline
Concen: 33.806 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

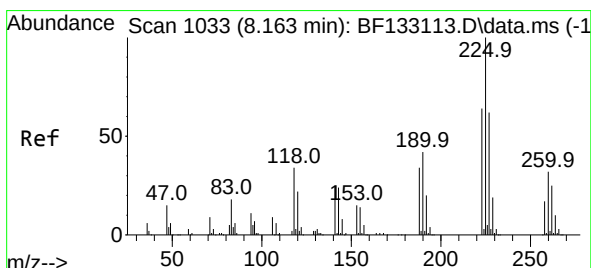
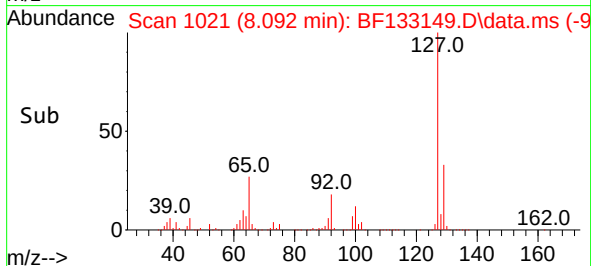
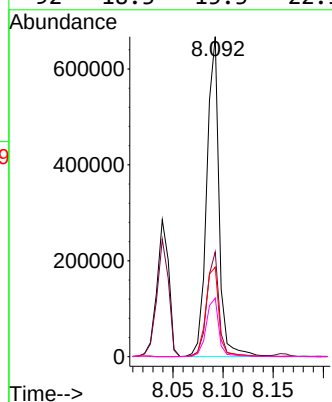
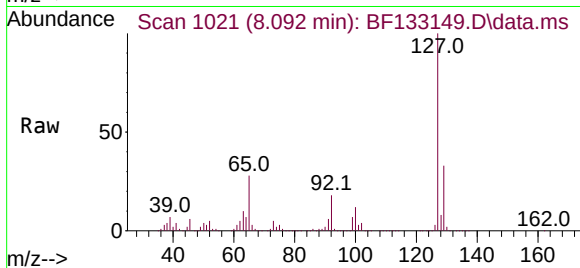
PB152469BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	28.0	23.6	35.4
92	18.3	15.3	22.9

Manual Integrations

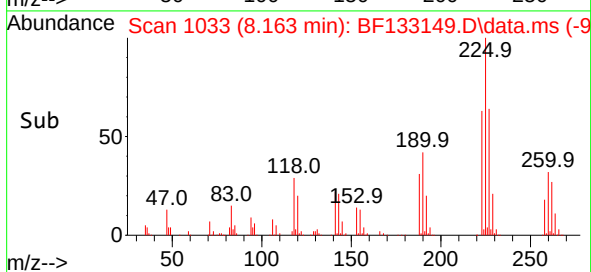
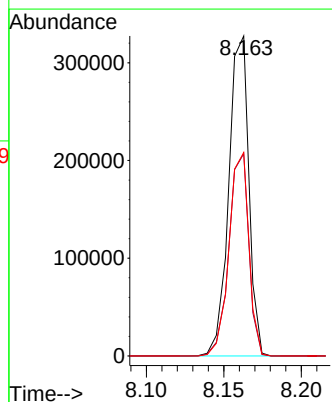
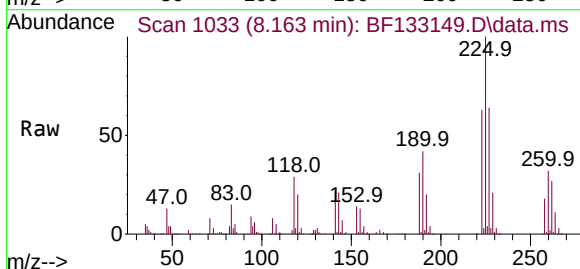
APPROVED

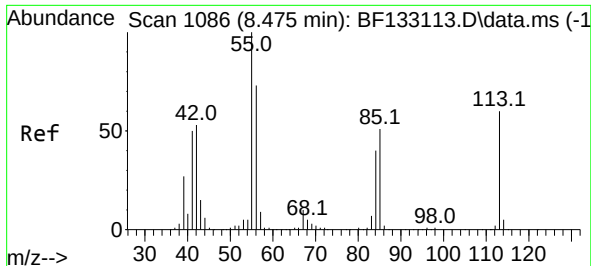
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#34
Hexachlorobutadiene
Concen: 43.359 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.6	50.3	75.5





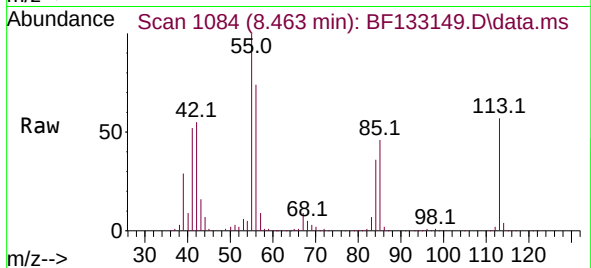
#35
 Caprolactam
 Concen: 48.088 ng m
 RT: 8.463 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

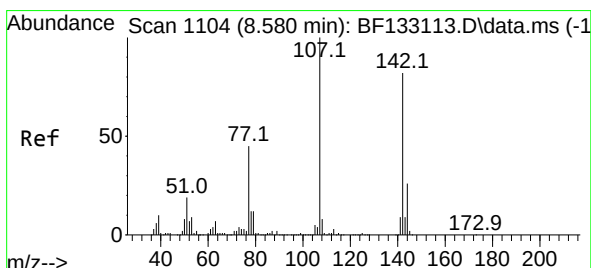
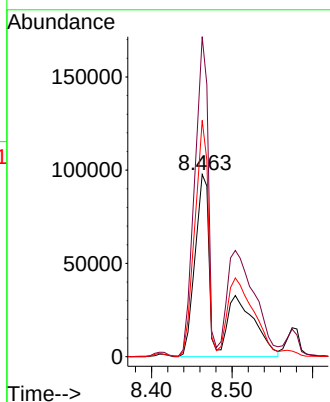
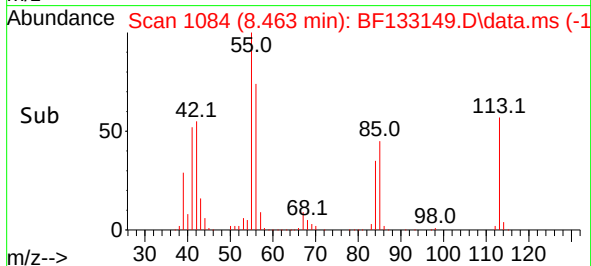


Tgt Ion:113 Resp: 19129
 Ion Ratio Lower Upper
 113 100
 55 175.6 167.1 207.1
 56 129.7 114.5 154.5

Manual Integrations

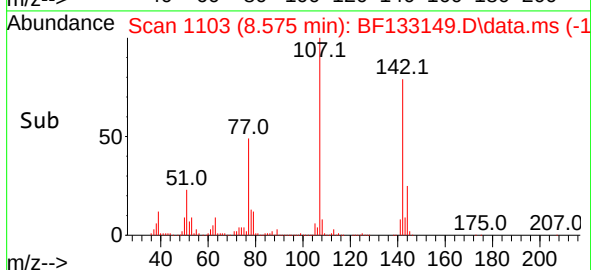
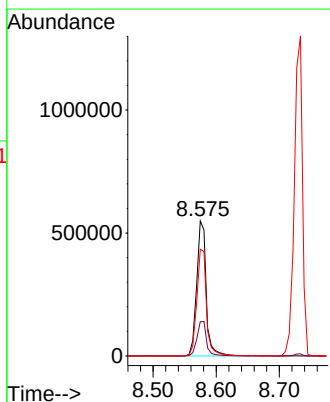
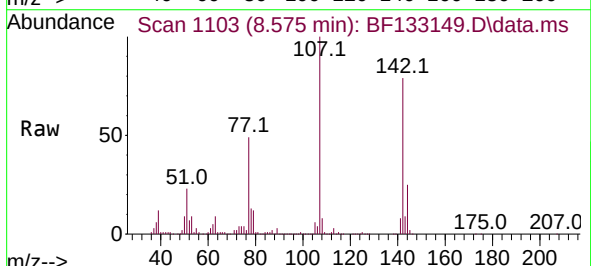
APPROVED

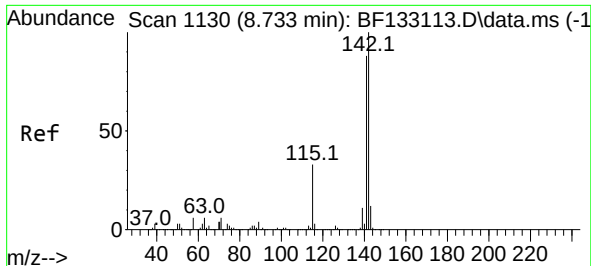
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.052 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Tgt Ion:107 Resp: 575283
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.6 30.8
 142 79.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.768 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

Tgt Ion:142 Resp: 116743

Ion Ratio Lower Upper

142 100

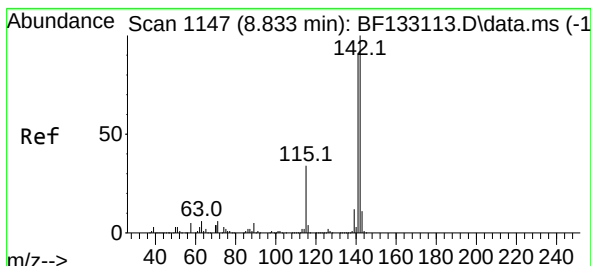
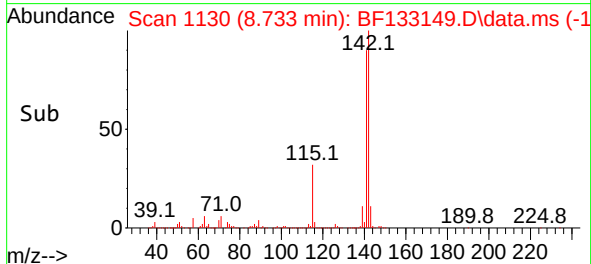
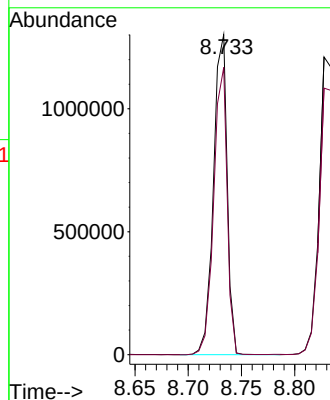
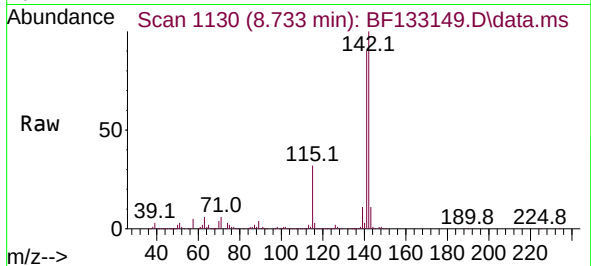
141 89.8 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#38

1-Methylnaphthalene

Concen: 41.118 ng

RT: 8.827 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF133149.D

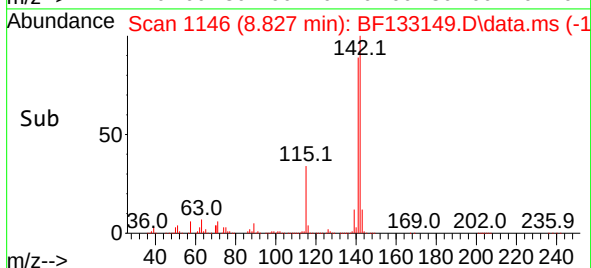
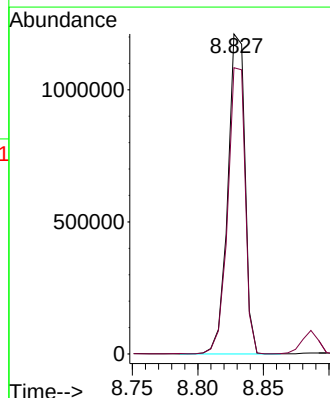
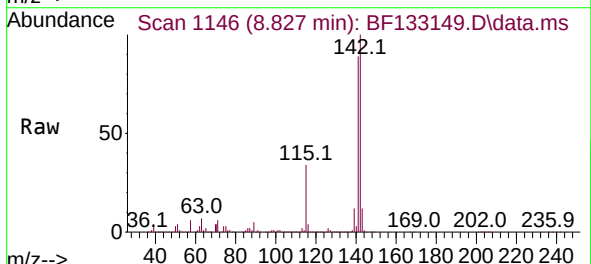
Acq: 01 May 2023 11:43

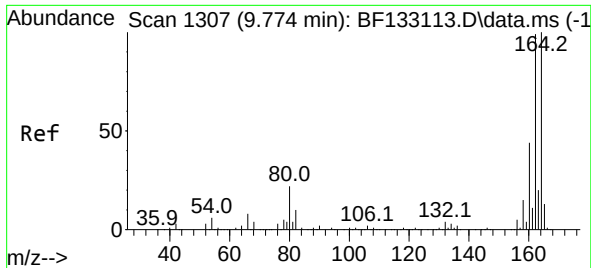
Tgt Ion:142 Resp: 1101489

Ion Ratio Lower Upper

142 100

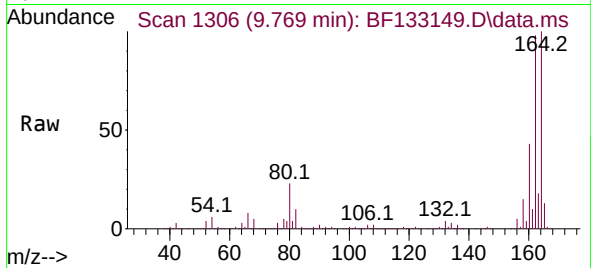
141 89.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

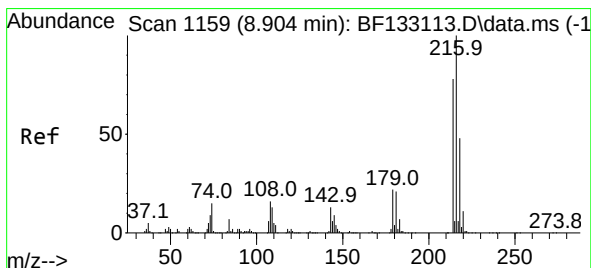
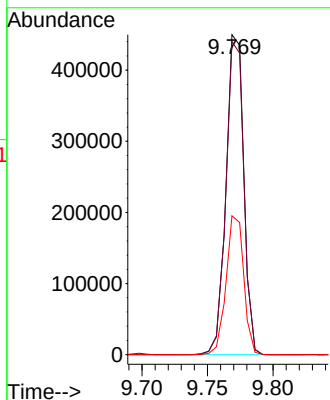
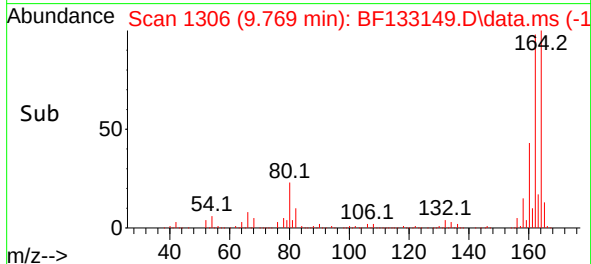
Instrument :
BNA_F
ClientSampleId :
PB152469BS



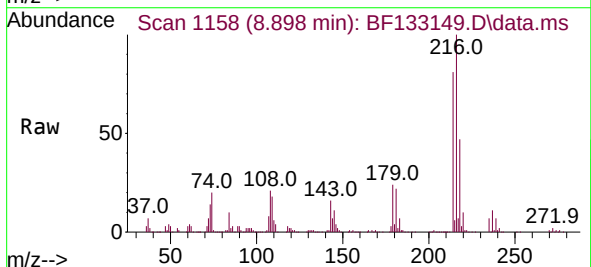
Tgt Ion:164 Resp: 423860
Ion Ratio Lower Upper
164 100
162 97.9 78.7 118.1
160 43.4 35.8 53.6

Manual Integrations
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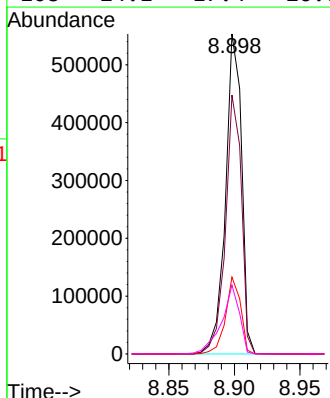
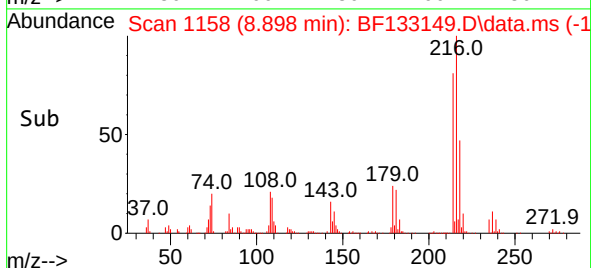
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

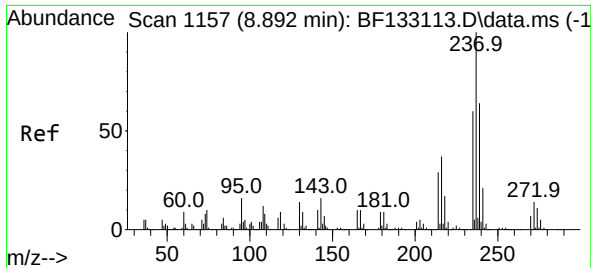


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.239 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



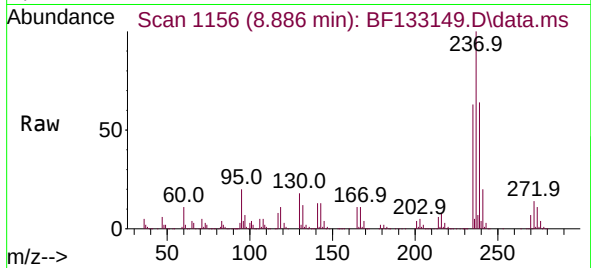
Tgt Ion:216 Resp: 469974
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 22.7 17.4 26.2
108 24.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 94.652 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

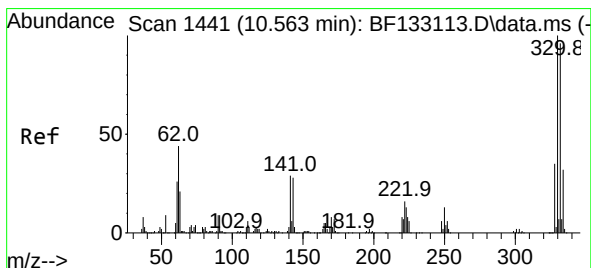
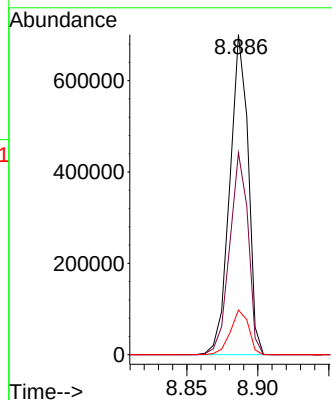
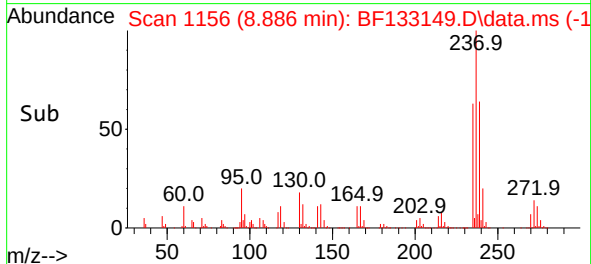
Instrument :
BNA_F
ClientSampleId :
PB152469BS



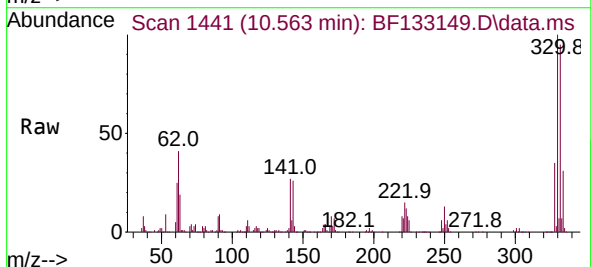
Tgt Ion:237 Resp: 629095
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 14.0 0.0 32.7

Manual Integrations
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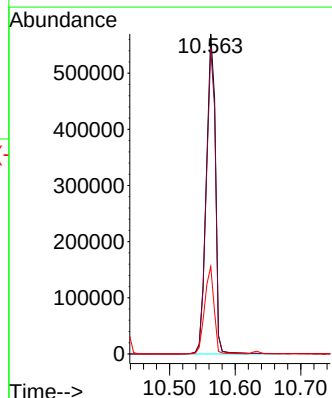
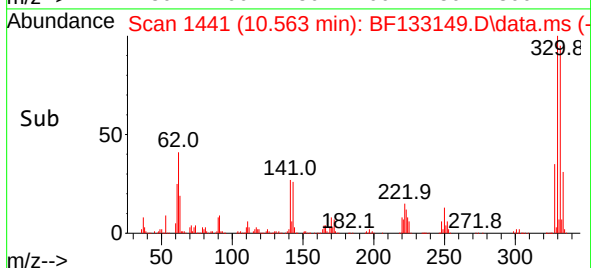
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

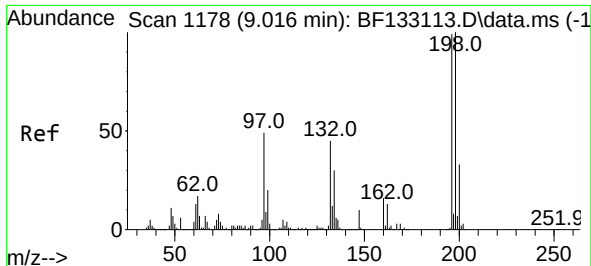


#42
2,4,6-Tribromophenol
Concen: 130.316 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:330 Resp: 555503
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 28.0 25.8 38.8





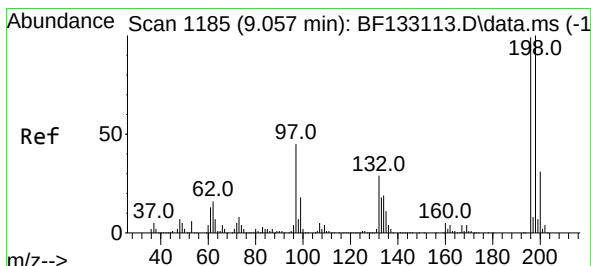
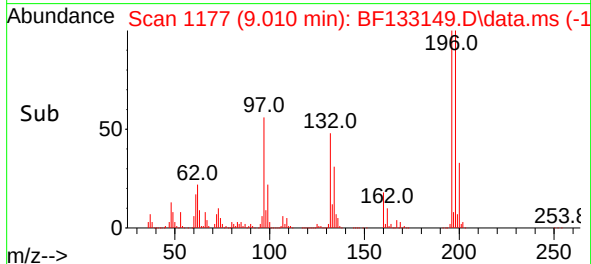
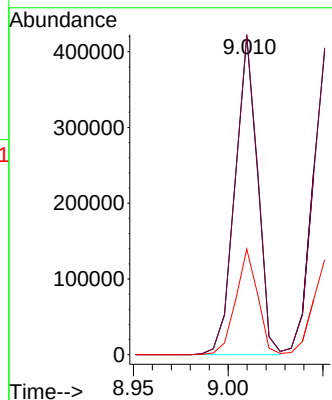
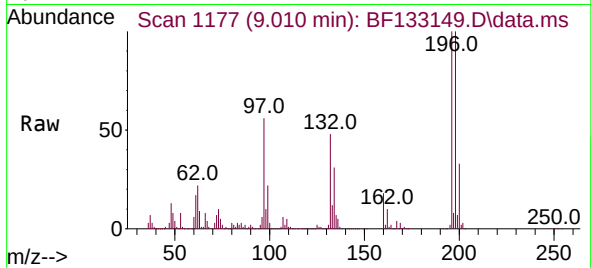
#43
2,4,6-Trichlorophenol
Concen: 43.900 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion:196 Resp: 345990
Ion Ratio Lower Upper
196 100
198 100.5 81.0 121.6
200 33.2 26.1 39.1

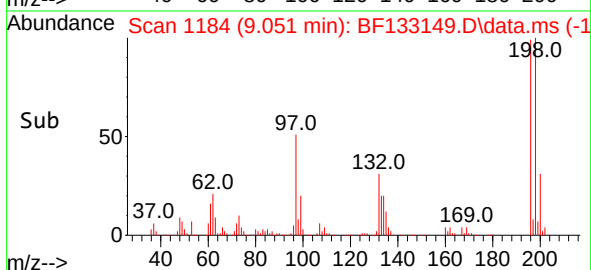
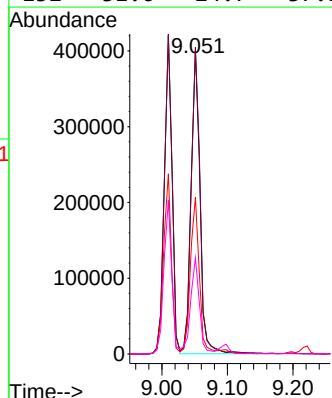
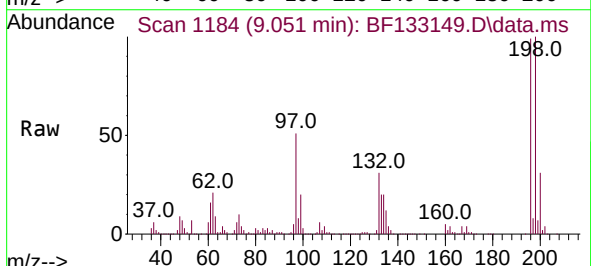
Manual Integrations
APPROVED

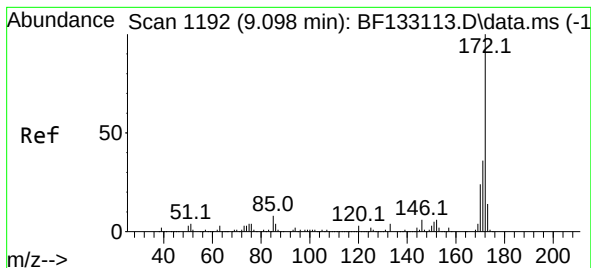
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#44
2,4,5-Trichlorophenol
Concen: 41.713 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:196 Resp: 380216
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 51.5 41.3 61.9
132 31.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 86.940 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133149.D

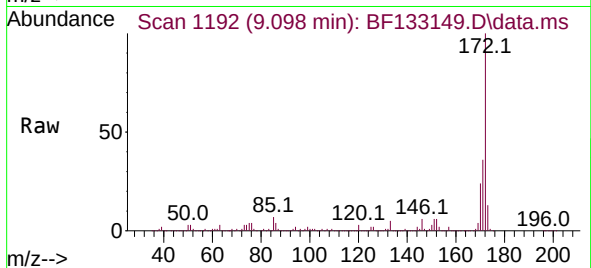
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS



Tgt Ion:172 Resp: 220264

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

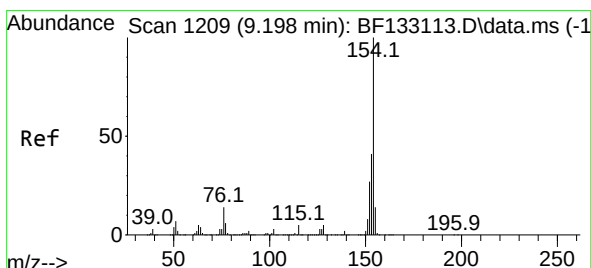
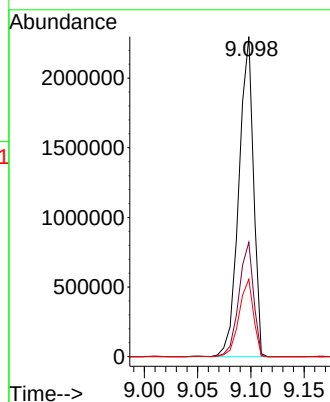
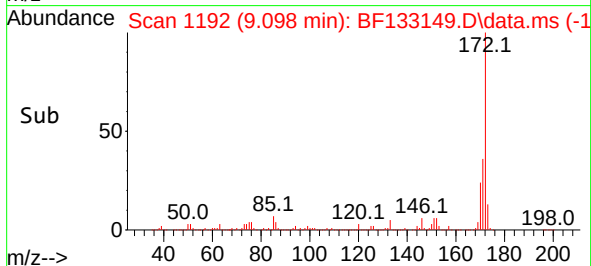
170 24.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#46

1,1'-Biphenyl

Concen: 42.132 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

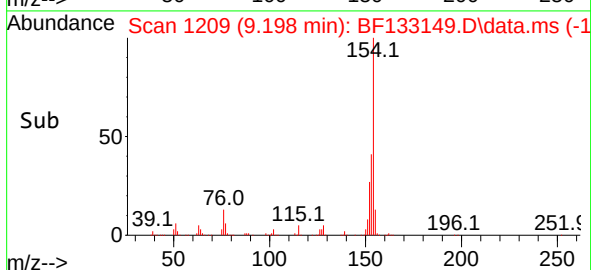
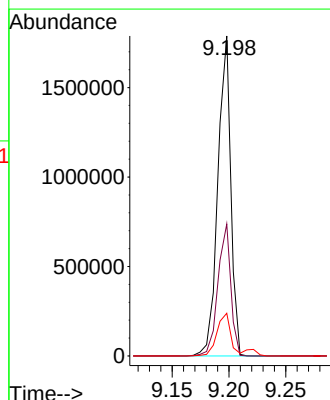
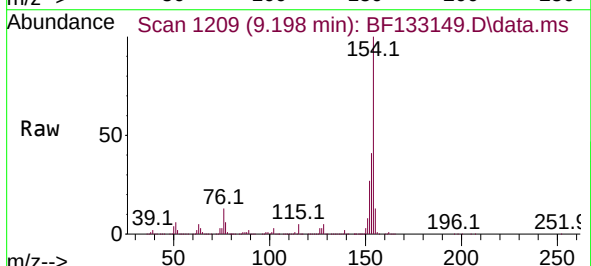
Tgt Ion:154 Resp: 1416054

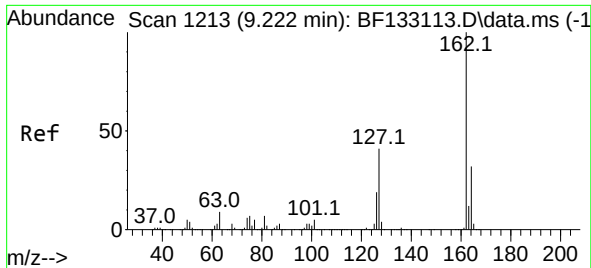
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

76 13.4 0.0 34.5





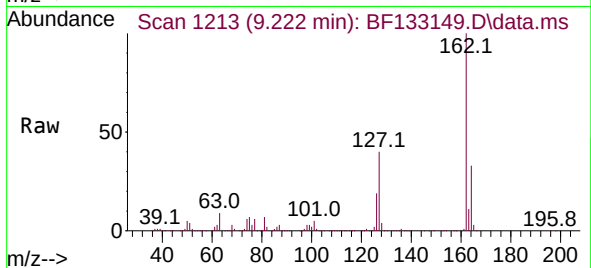
#47
2-Chloronaphthalene
Concen: 44.109 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

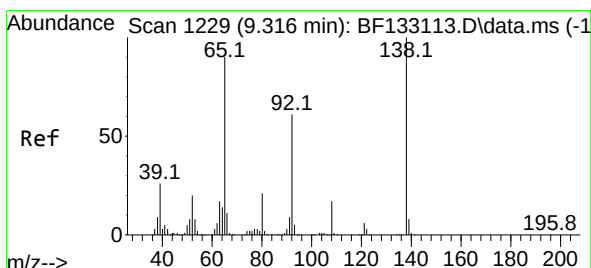
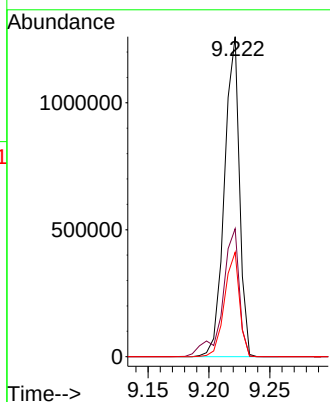
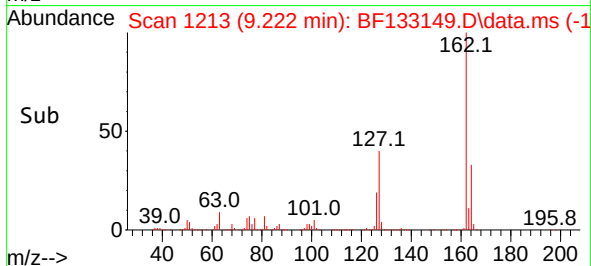


Tgt Ion:162 Resp: 1085098
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 32.7 26.8 40.2

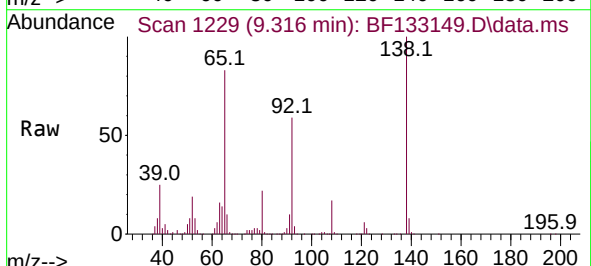
Manual Integrations

APPROVED

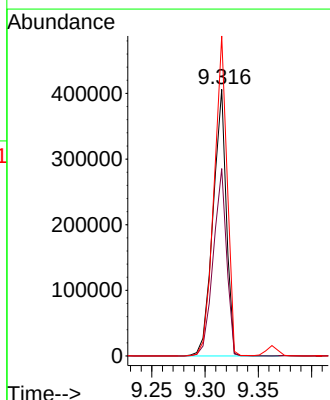
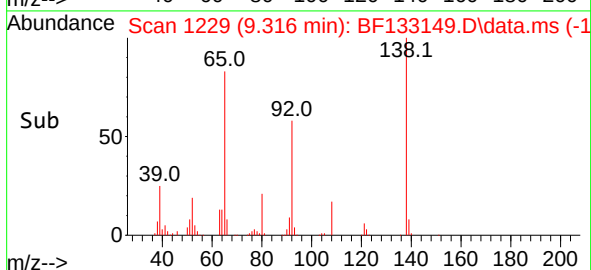
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

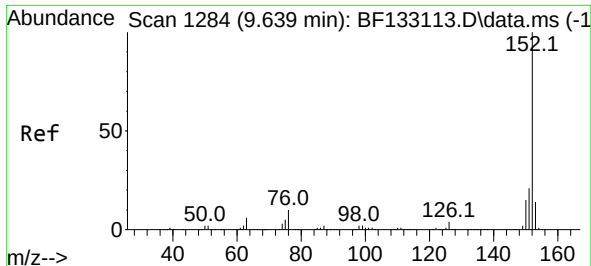


#48
2-Nitroaniline
Concen: 43.515 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



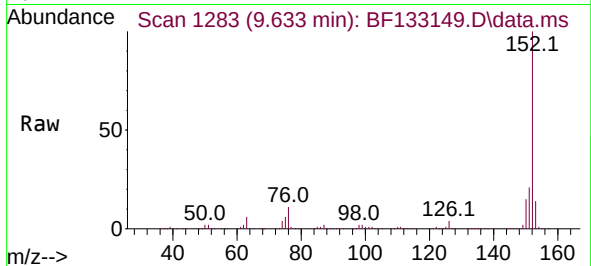
Tgt Ion: 65 Resp: 353795
Ion Ratio Lower Upper
65 100
92 70.3 55.4 83.0
138 120.0 98.2 147.2





#49
Acenaphthylene
Concen: 41.364 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

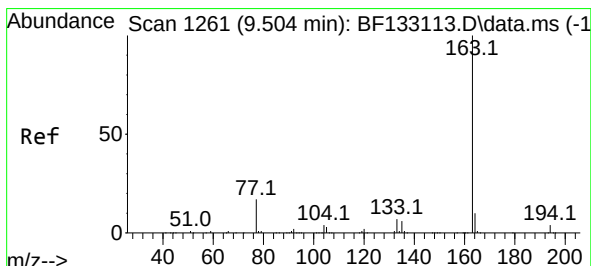
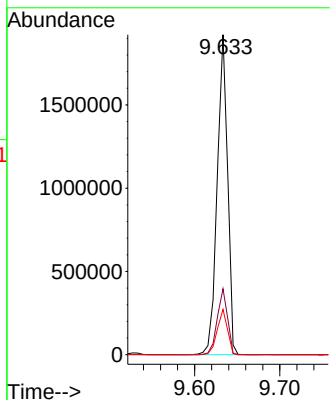
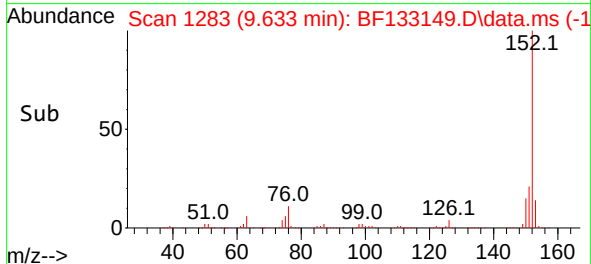
Instrument :
BNA_F
ClientSampleId :
PB152469BS



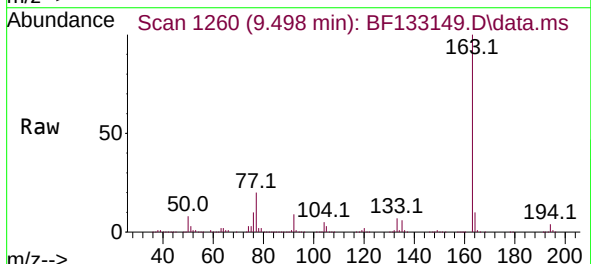
Tgt Ion:152 Resp: 162594
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.2 11.5 17.3

Manual Integrations
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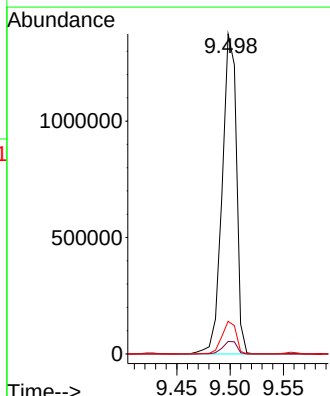
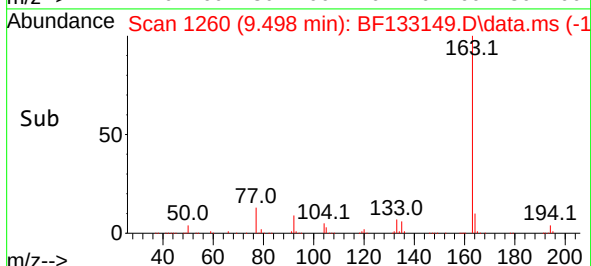
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

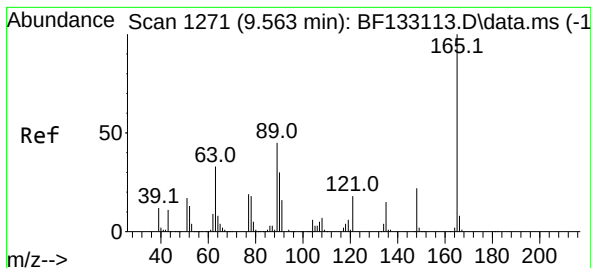


#50
Dimethylphthalate
Concen: 43.330 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:163 Resp: 1280610
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.5 12.7





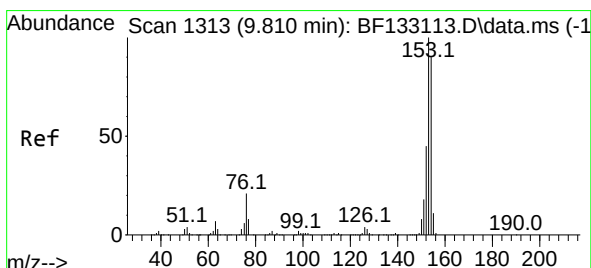
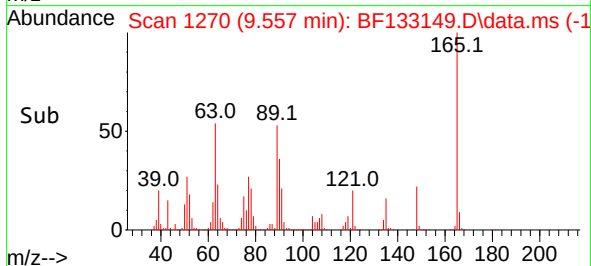
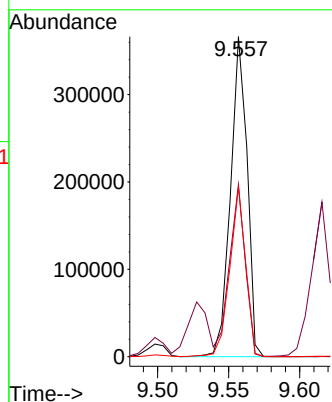
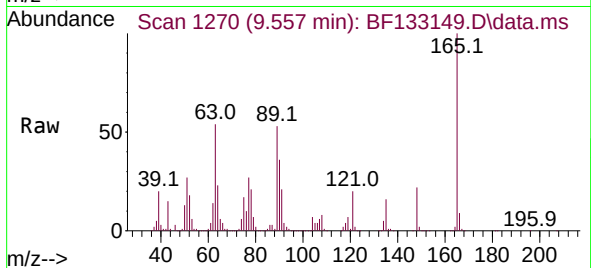
#51
2,6-Dinitrotoluene
Concen: 44.652 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion:165 Resp: 297030
Ion Ratio Lower Upper
165 100
63 53.8 45.9 68.9
89 53.0 44.0 66.0

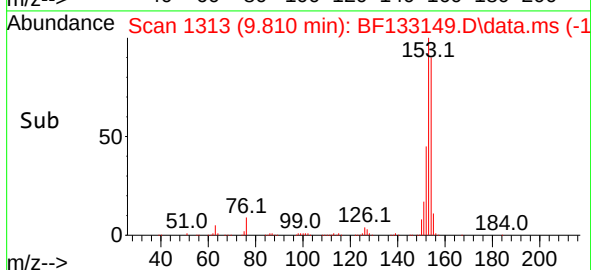
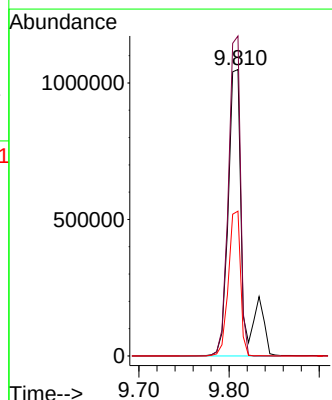
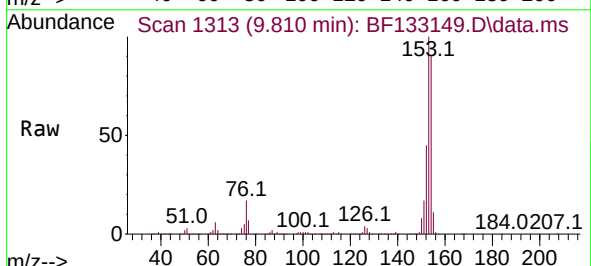
Manual Integrations
APPROVED

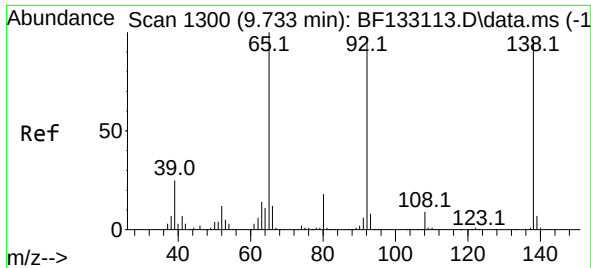
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#52
Acenaphthene
Concen: 44.673 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:154 Resp: 1176076
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 50.6 40.4 60.6





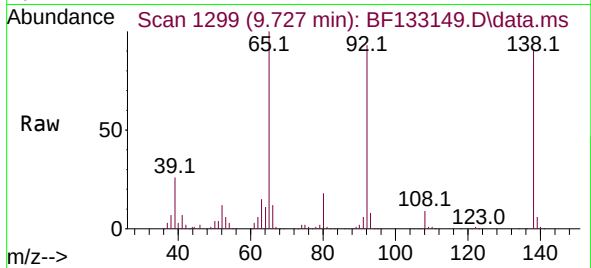
#53
3-Nitroaniline
Concen: 35.620 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

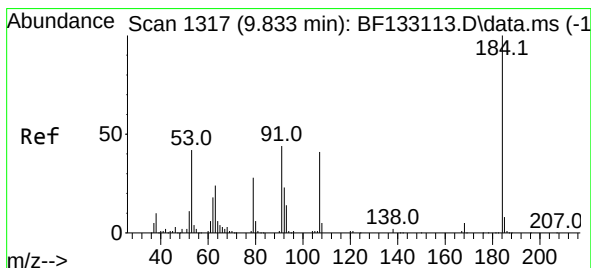
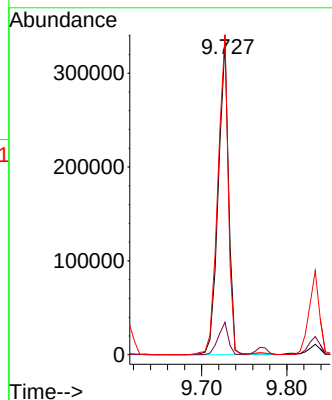
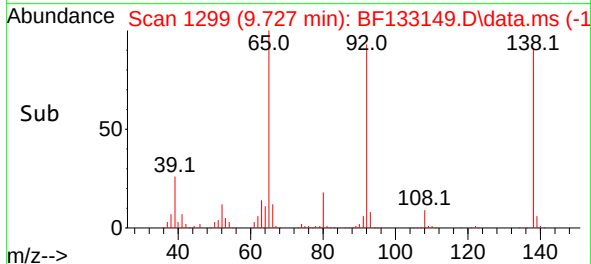


Tgt Ion:138 Resp: 28173
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 102.5 83.6 125.4

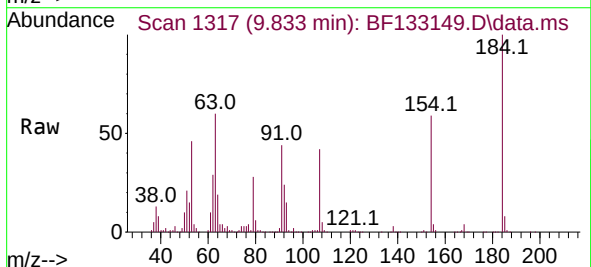
Manual Integrations

APPROVED

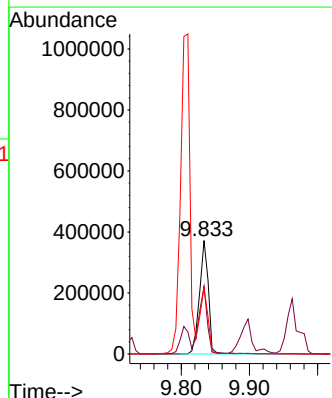
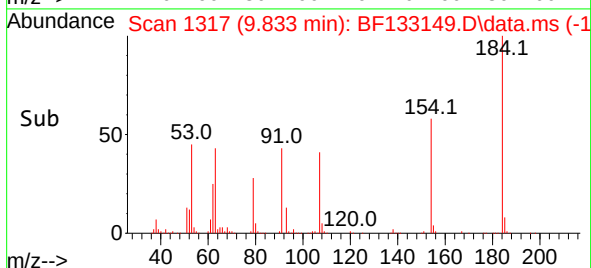
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

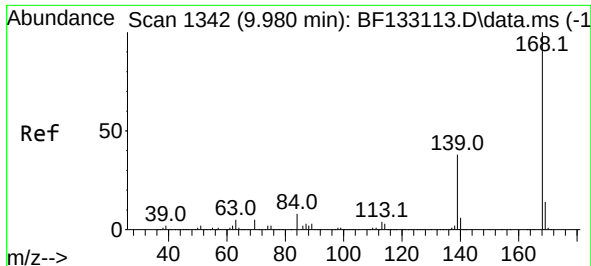


#54
2,4-Dinitrophenol
Concen: 100.791 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



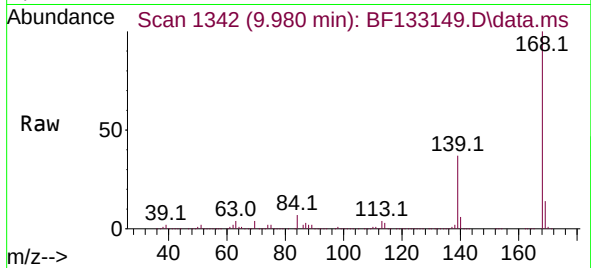
Tgt Ion:184 Resp: 337009
Ion Ratio Lower Upper
184 100
63 59.6 49.8 74.8
154 58.5 49.5 74.3





#55
Dibenzofuran
Concen: 40.231 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

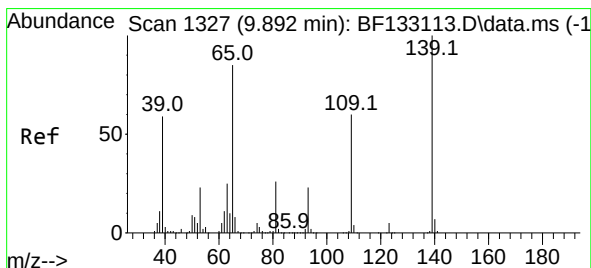
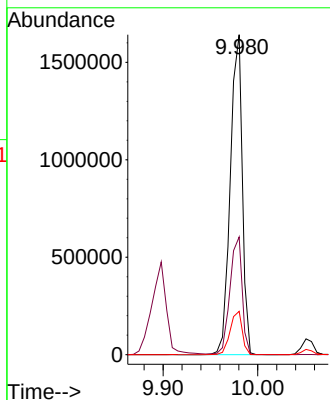
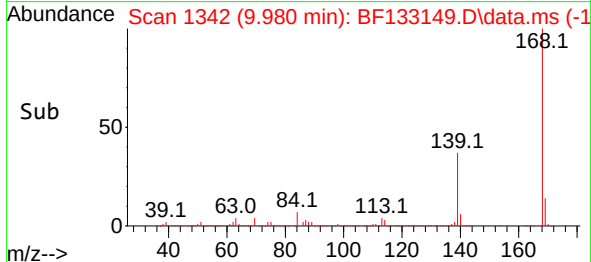
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion:168 Resp: 1444782
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 13.6 10.8 16.2

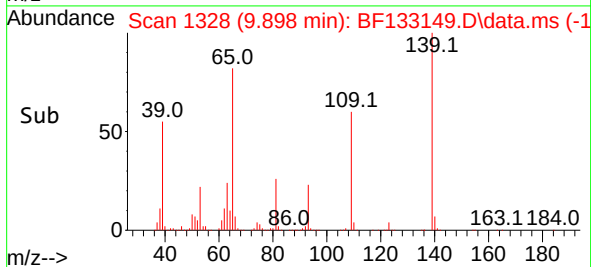
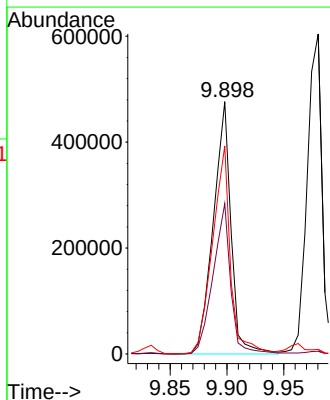
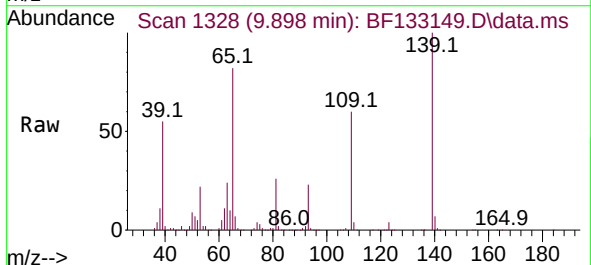
Manual Integrations
APPROVED

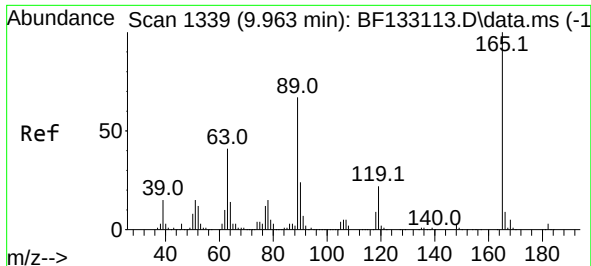
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#56
4-Nitrophenol
Concen: 84.584 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:139 Resp: 518159
Ion Ratio Lower Upper
139 100
109 59.6 39.4 79.4
65 82.4 57.5 97.5





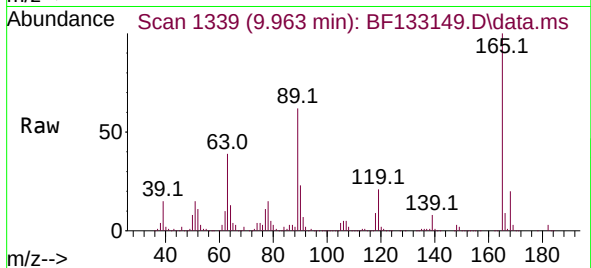
#57
2,4-Dinitrotoluene
Concen: 44.562 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

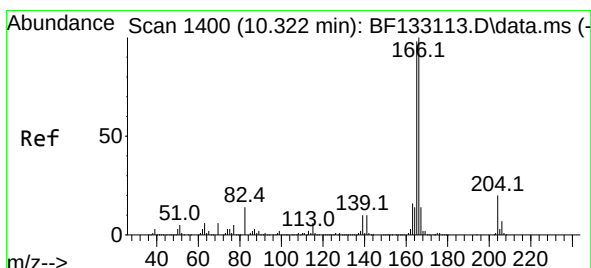
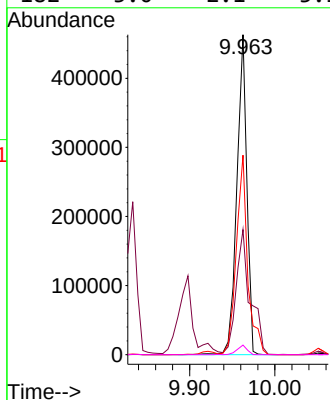
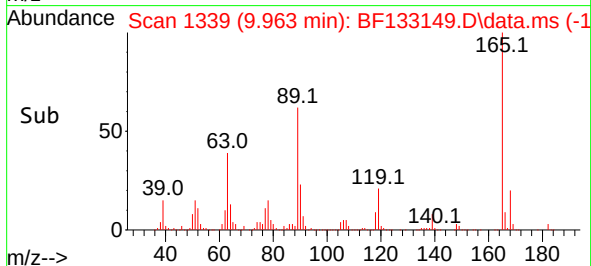


Tgt Ion:165 Resp: 378028
Ion Ratio Lower Upper
165 100
63 39.1 37.7 56.5
89 62.4 57.0 85.4
182 3.0 2.1 3.1

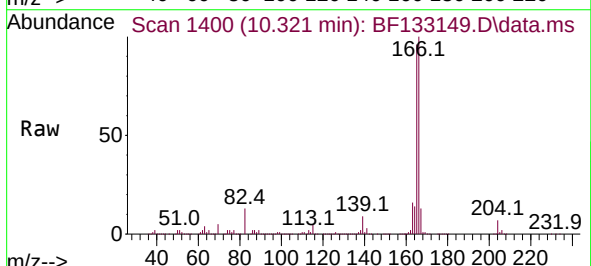
Manual Integrations

APPROVED

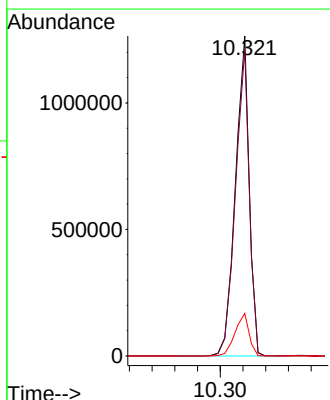
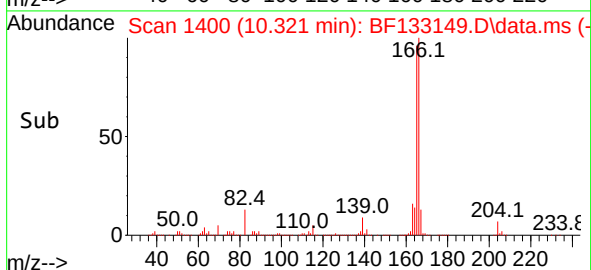
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

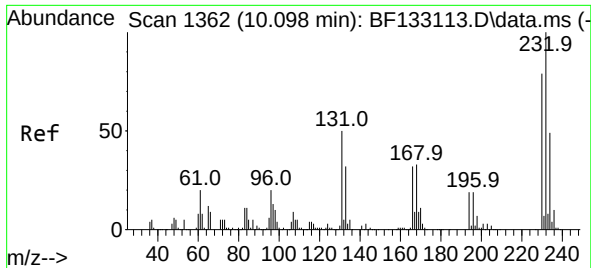


#58
Fluorene
Concen: 40.407 ng
RT: 10.321 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



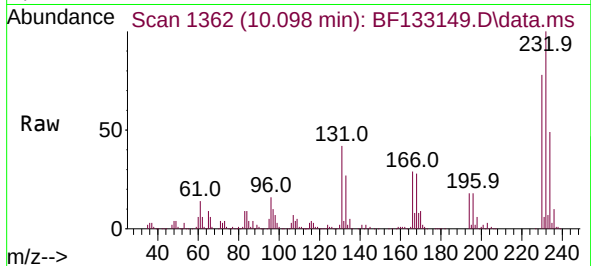
Tgt Ion:166 Resp: 1063121
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.319 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

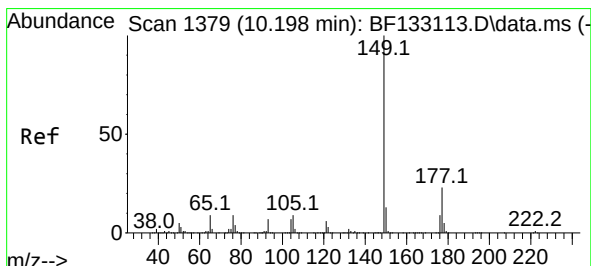
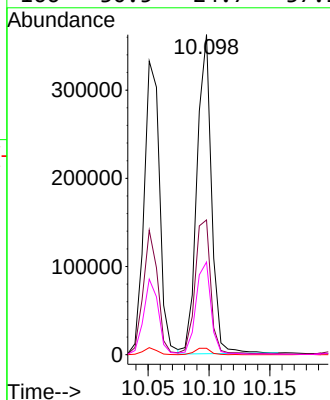
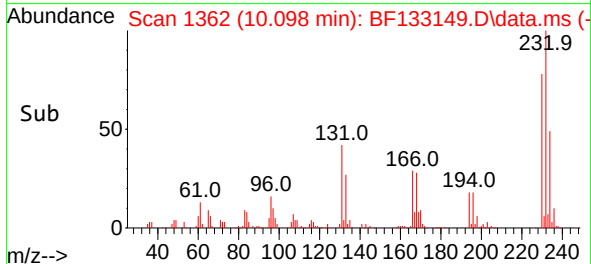
Instrument :
BNA_F
ClientSampleId :
PB152469BS



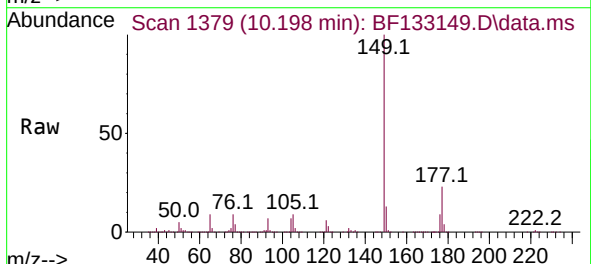
Tgt Ion:232 Resp: 299051
Ion Ratio Lower Upper
232 100
131 46.1 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.7 37.1

Manual Integrations
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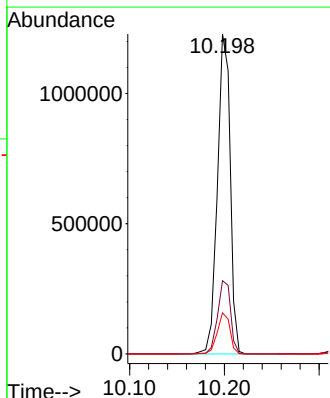
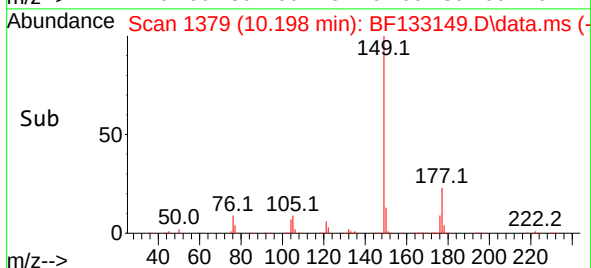
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

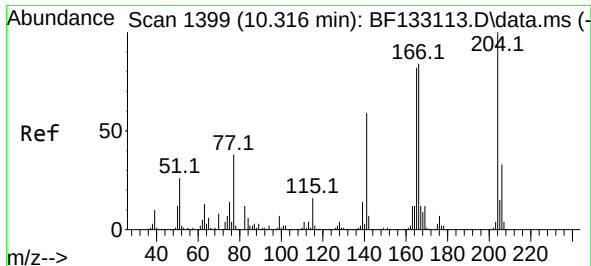


#60
Diethylphthalate
Concen: 41.297 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



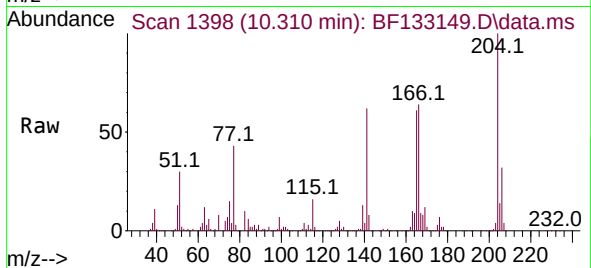
Tgt Ion:149 Resp: 1152857
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.408 ng
RT: 10.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

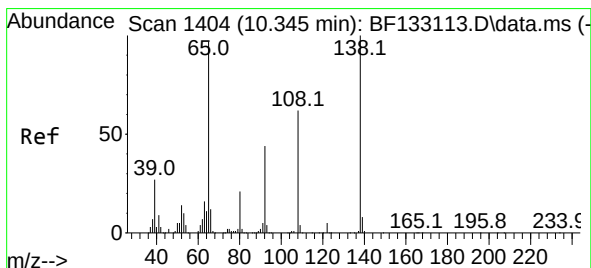
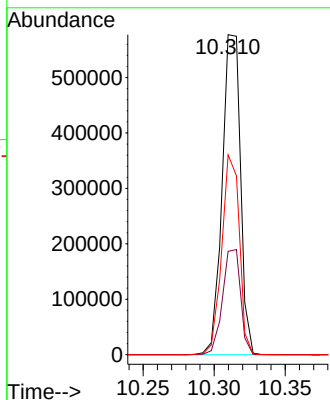
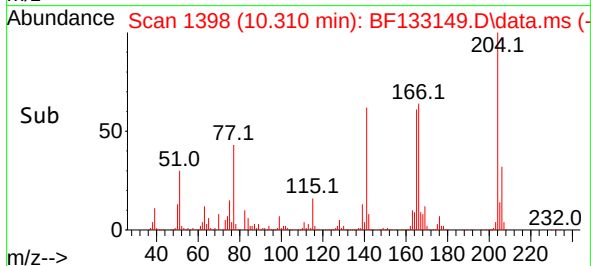
Instrument :
BNA_F
ClientSampleId :
PB152469BS



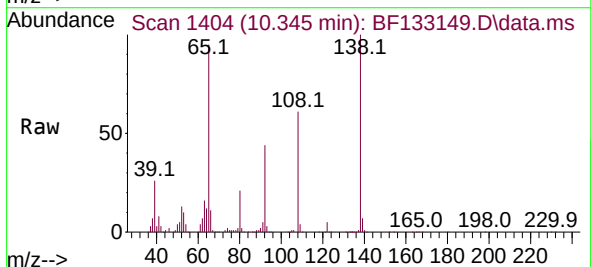
Tgt Ion:204 Resp: 518092
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 62.4 46.1 69.1

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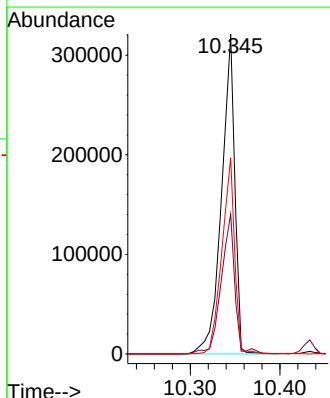
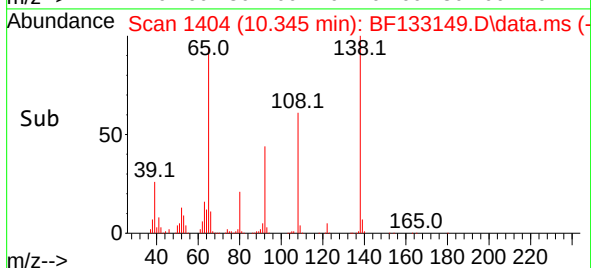
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

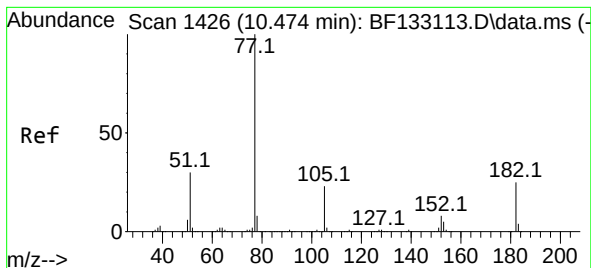


#62
4-Nitroaniline
Concen: 45.263 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:138 Resp: 329044
Ion Ratio Lower Upper
138 100
92 43.8 27.7 67.7
108 61.3 45.2 85.2





#63

Azobenzene

Concen: 37.007 ng

RT: 10.474 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133149.D

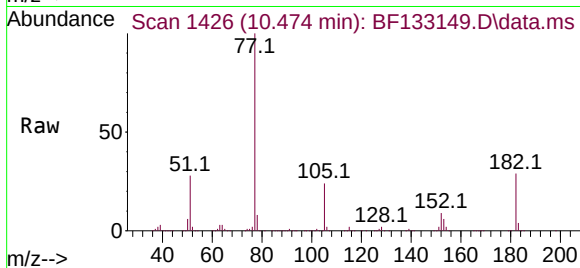
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS



Tgt Ion: 77 Resp: 109440

Ion Ratio Lower Upper

77 100

182 29.0 5.9 45.9

105 24.3 2.3 42.3

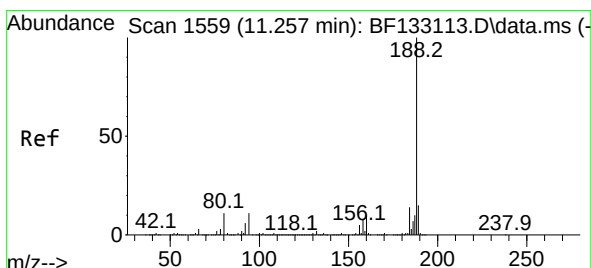
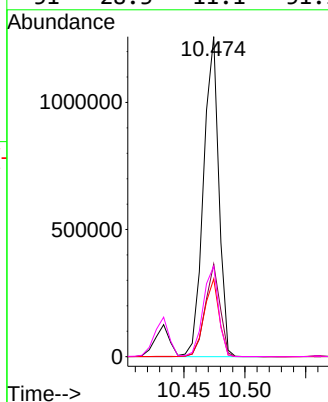
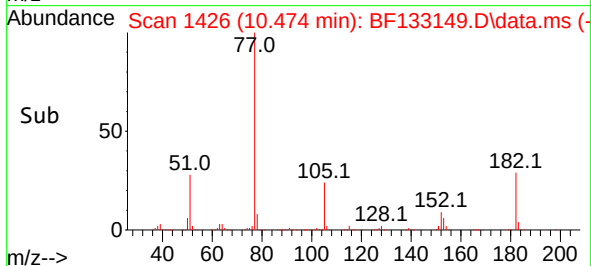
51 28.3 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

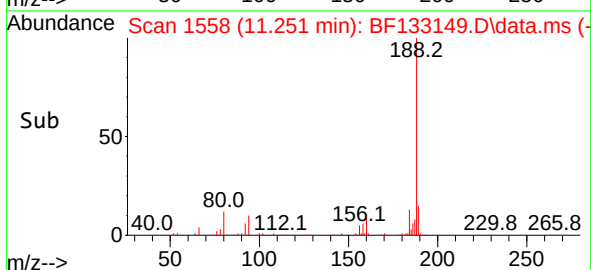
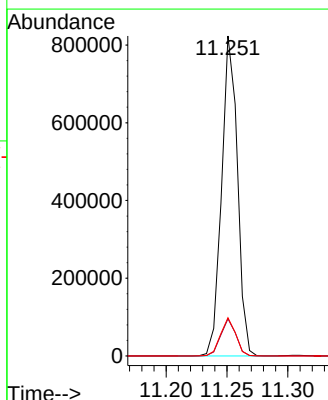
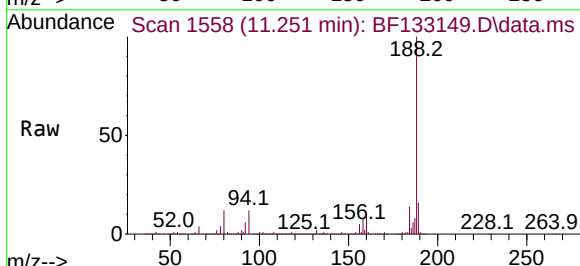
Tgt Ion:188 Resp: 745249

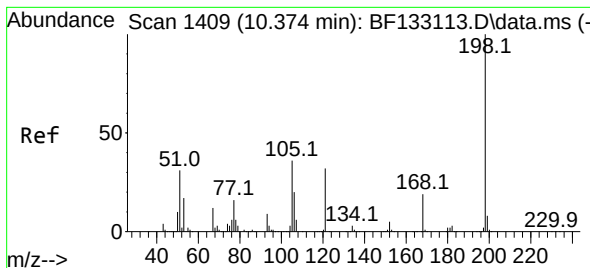
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 11.9 10.4 15.6





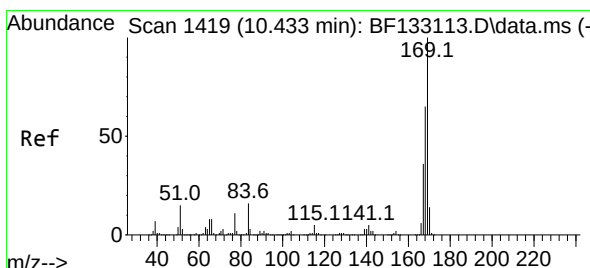
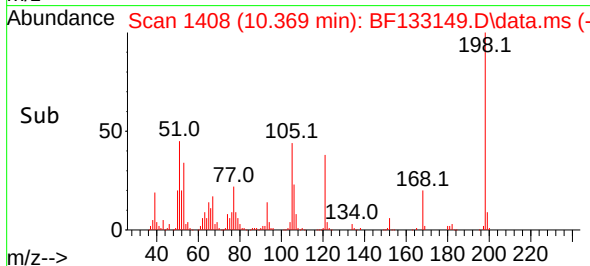
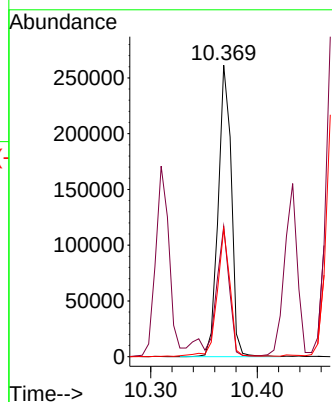
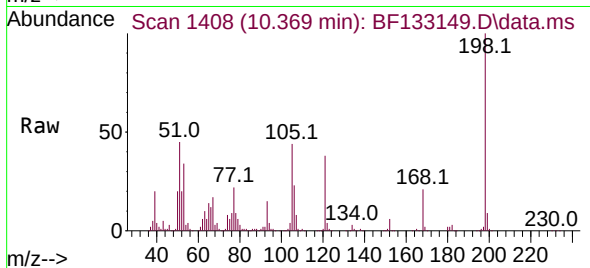
#65
4,6-Dinitro-2-methylphenol
Concen: 49.099 ng
RT: 10.369 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :
BNA_F
ClientSampleId :
PB152469BS

Tgt Ion:198 Resp: 221780
Ion Ratio Lower Upper
198 100
51 44.7 15.5 55.5
105 44.0 16.7 56.7

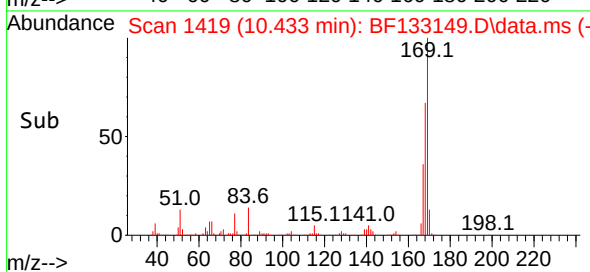
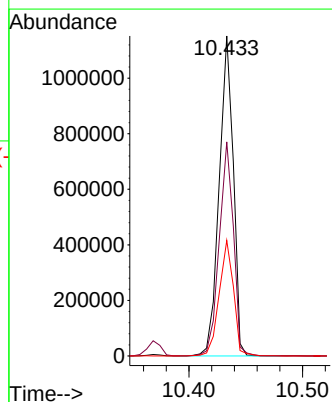
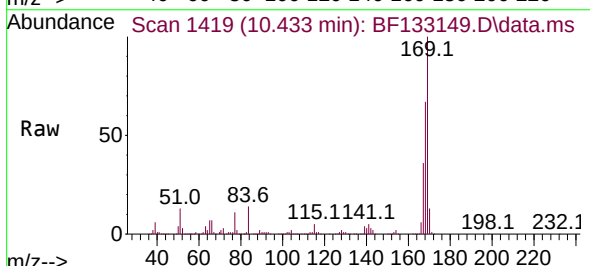
Manual Integrations
APPROVED

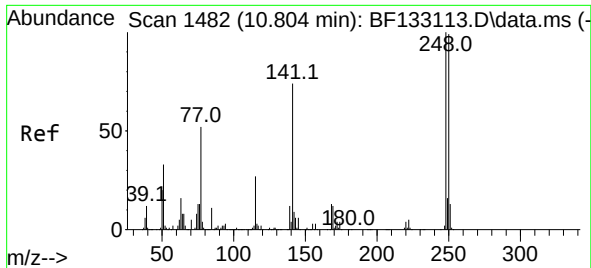
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#66
n-Nitrosodiphenylamine
Concen: 41.169 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion:169 Resp: 995230
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.1 29.7 44.5





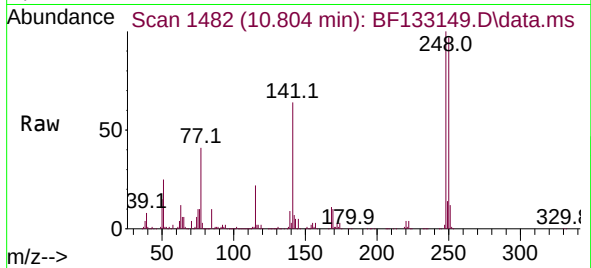
#67
4-Bromophenyl-phenylether
Concen: 41.688 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

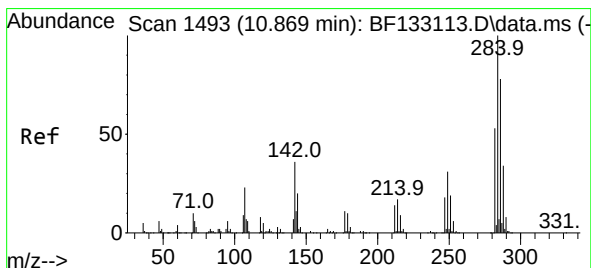
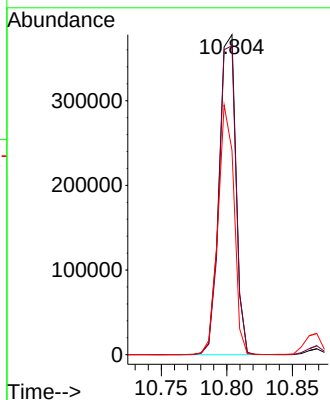
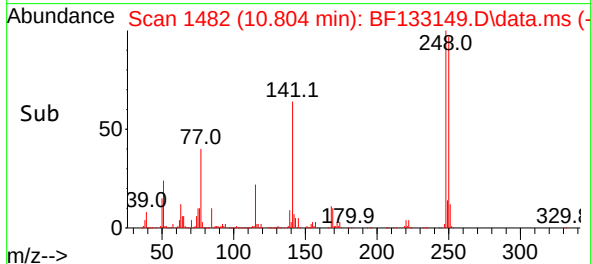


Tgt Ion:248 Resp: 336950
Ion Ratio Lower Upper
248 100
250 96.6 78.7 118.1
141 63.9 56.3 84.5

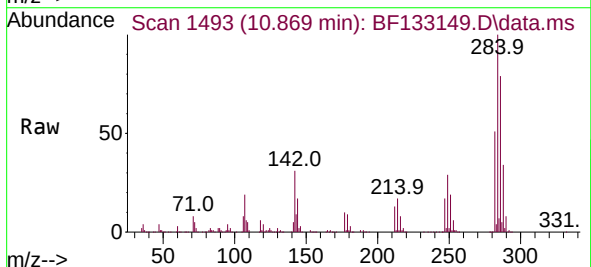
Manual Integrations

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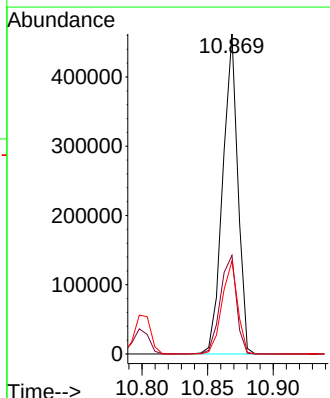
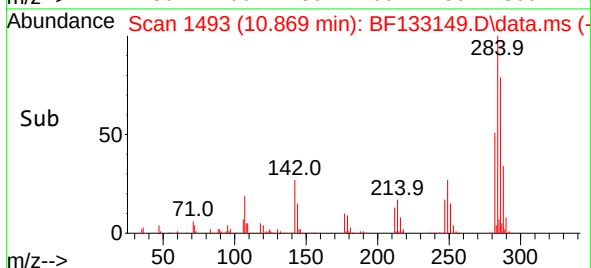
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

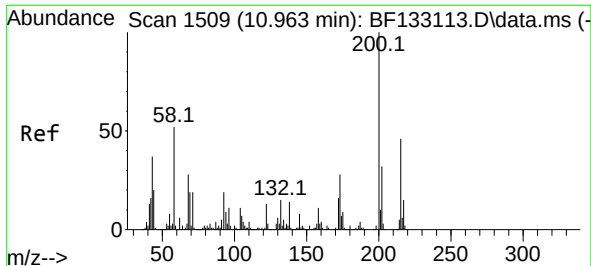


#68
Hexachlorobenzene
Concen: 44.571 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



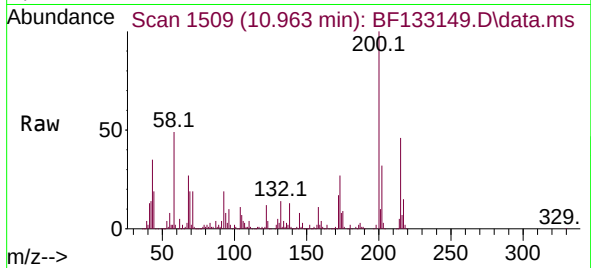
Tgt Ion:284 Resp: 369145
Ion Ratio Lower Upper
284 100
142 30.8 26.0 39.0
249 29.1 23.7 35.5





#69
 Atrazine
 Concen: 49.019 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

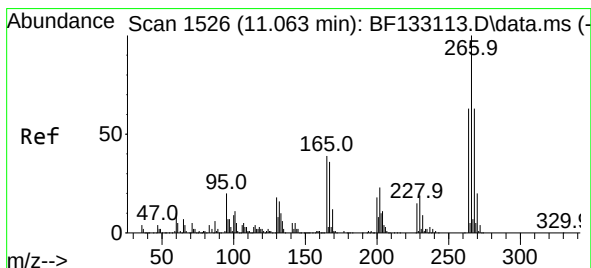
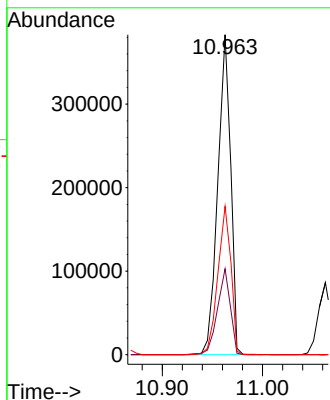
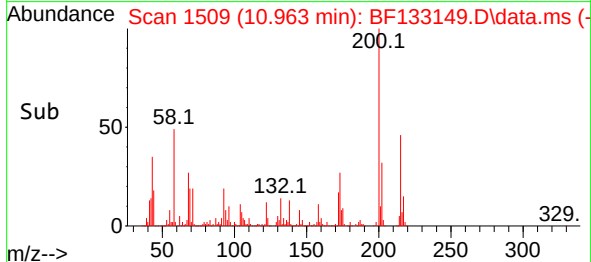
Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS



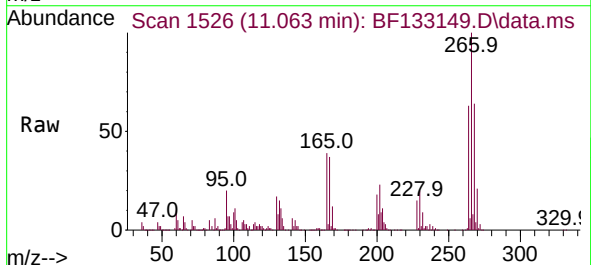
Tgt Ion:200 Resp: 34144
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.2 46.2
 215 46.4 26.3 66.3

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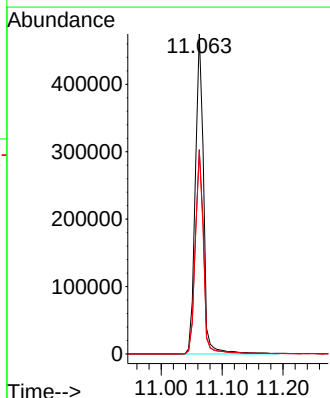
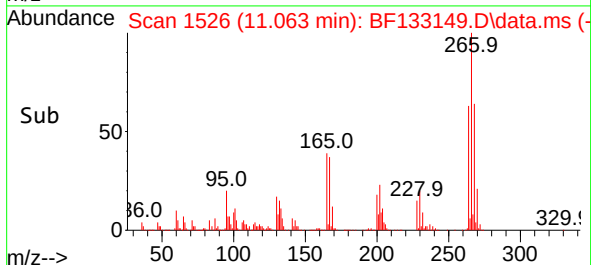
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

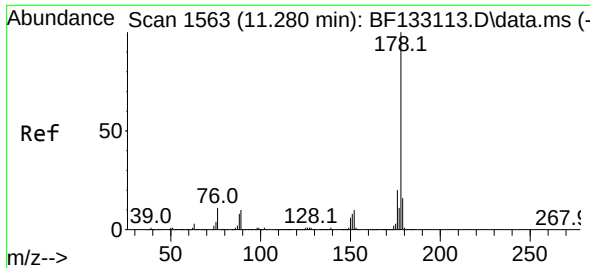


#70
 Pentachlorophenol
 Concen: 75.596 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43



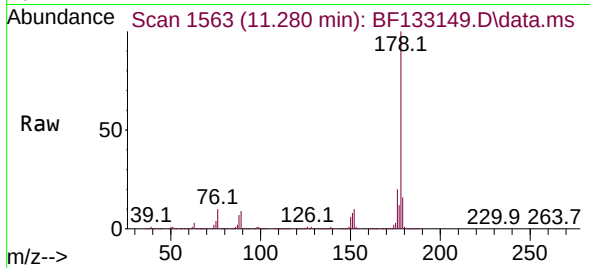
Tgt Ion:266 Resp: 445905
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.8 73.2
 264 63.5 50.6 76.0





#71
Phenanthrene
Concen: 41.483 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

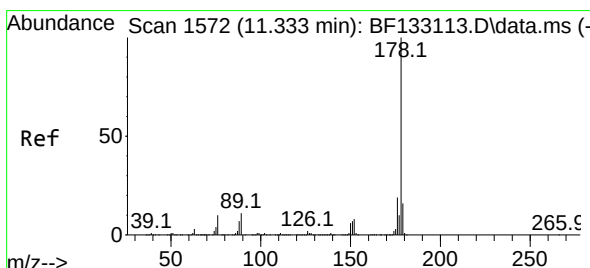
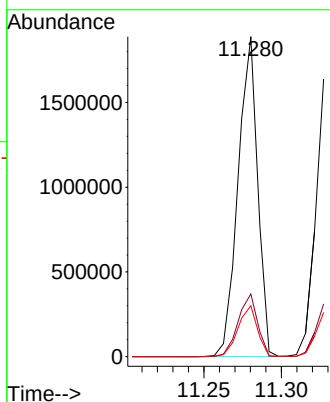
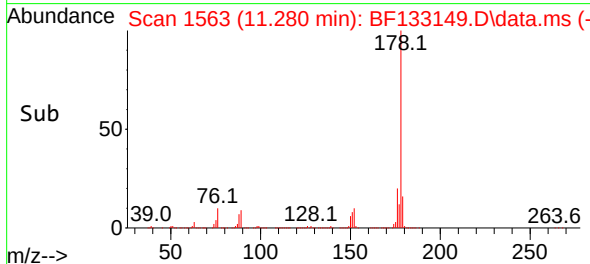
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion:178 Resp: 1661588
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.5 18.7

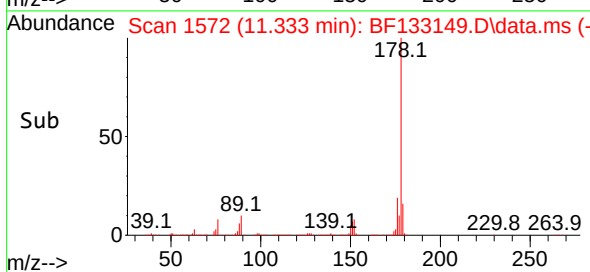
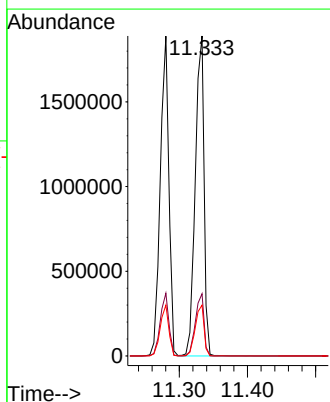
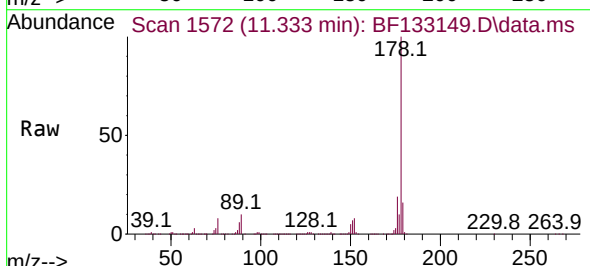
Manual Integrations
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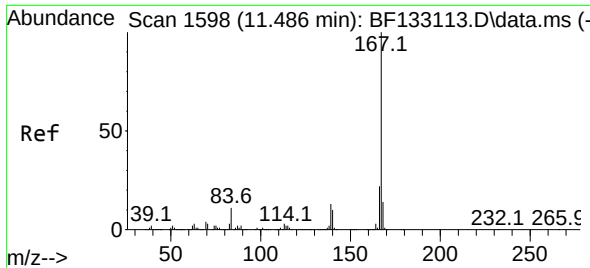
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#72
Anthracene
Concen: 40.863 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

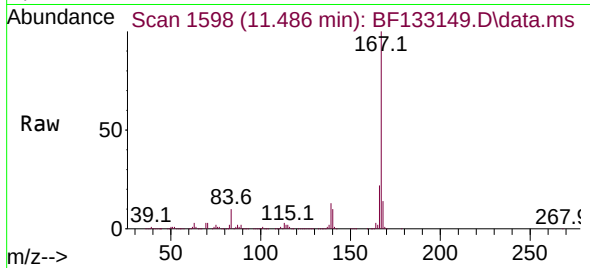
Tgt Ion:178 Resp: 1675053
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 42.936 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

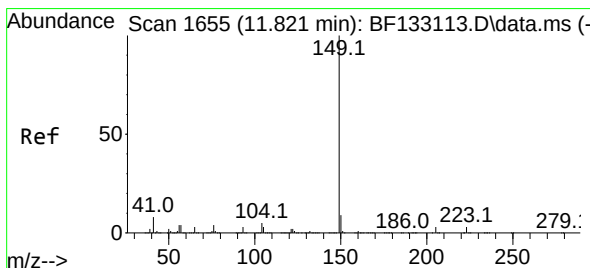
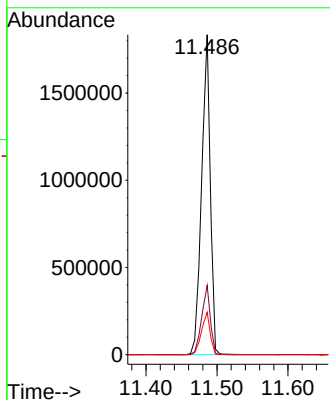
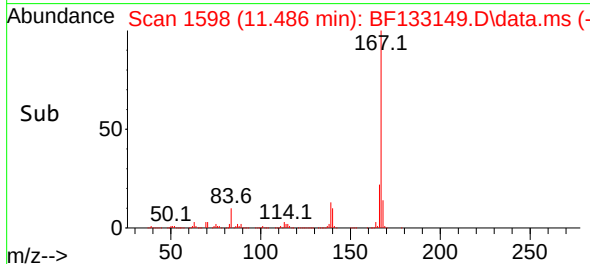
Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS



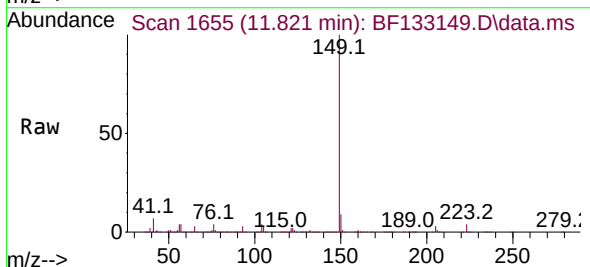
Tgt Ion:167 Resp: 1567188
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.3 10.6 16.0

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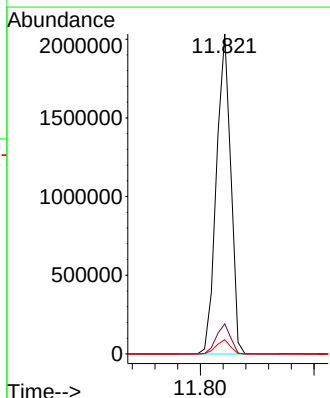
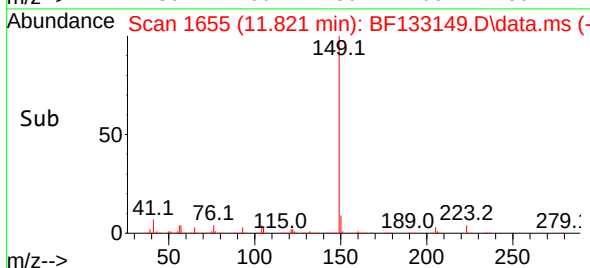
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

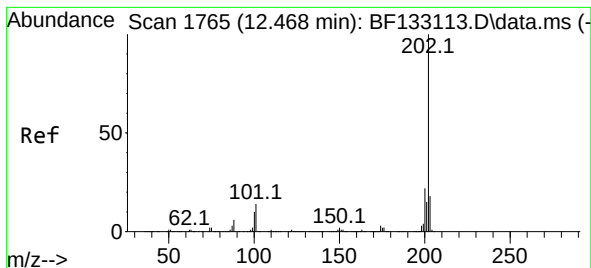


#74
 Di-n-butylphthalate
 Concen: 43.098 ng
 RT: 11.821 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43



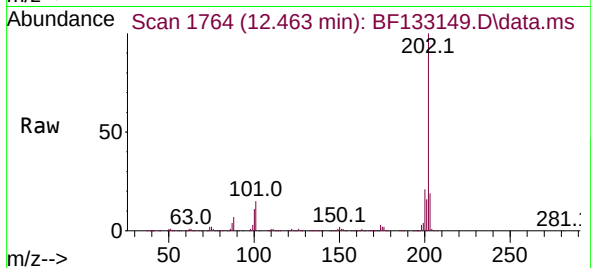
Tgt Ion:149 Resp: 1780187
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.4 4.0 6.0





#75
Fluoranthene
Concen: 42.115 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

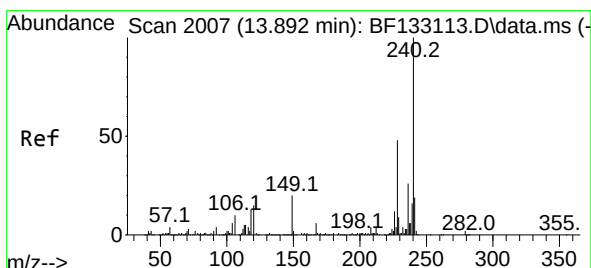
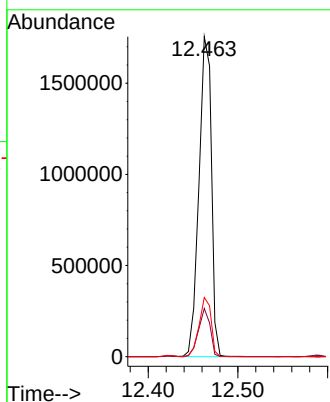
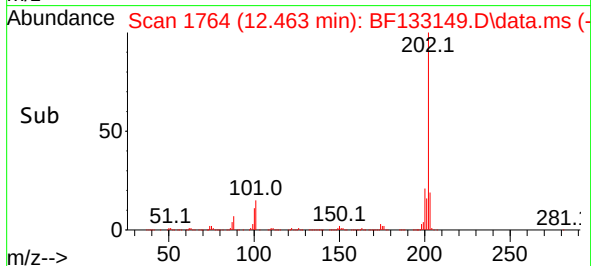
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion:202 Resp: 1692998
Ion Ratio Lower Upper
202 100
101 15.1 0.0 35.3
203 18.5 0.0 38.1

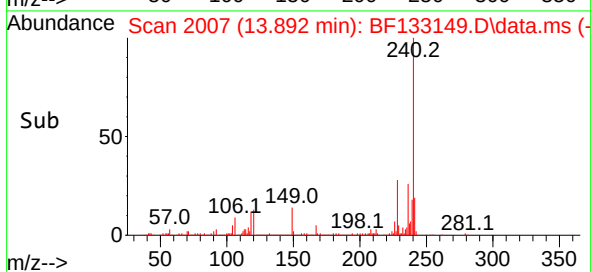
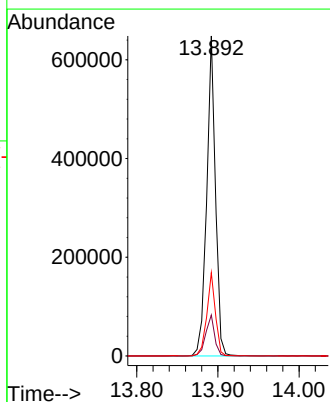
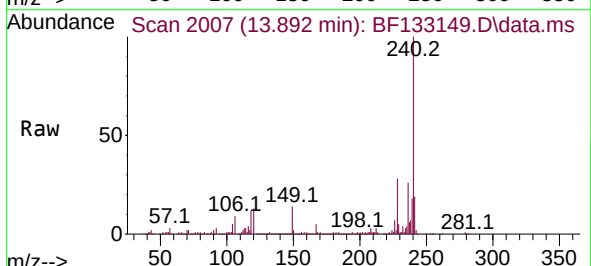
Manual Integrations
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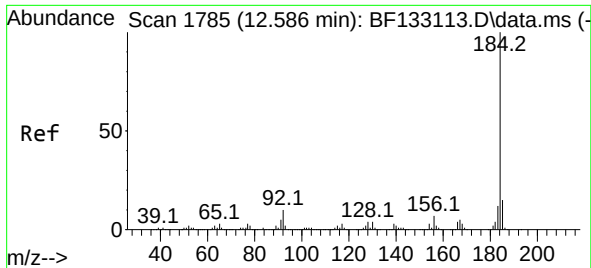
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

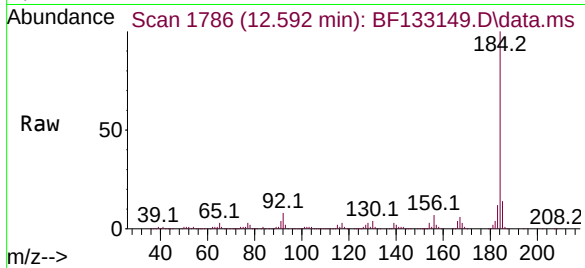
Tgt Ion:240 Resp: 486068
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 26.0 21.5 32.3





#77
Benzidine
Concen: 145.390 ng
RT: 12.592 min Scan# 119506
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

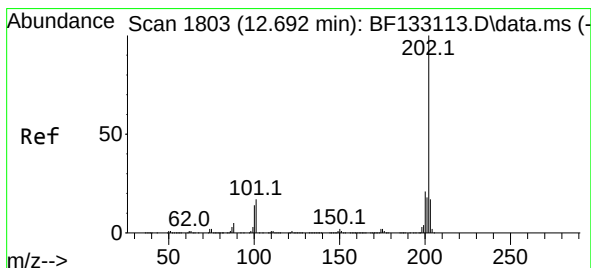
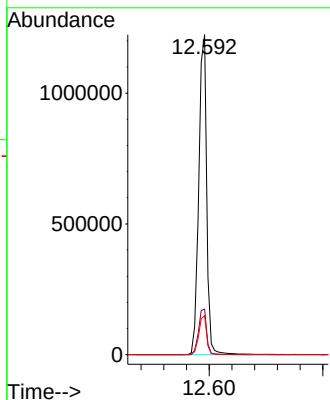
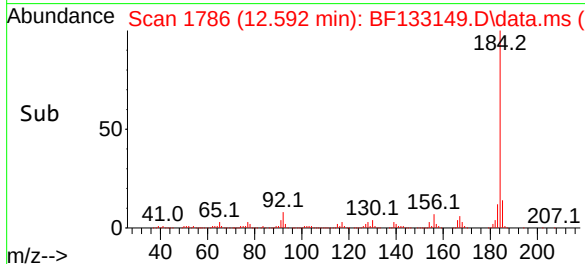
Instrument :
BNA_F
ClientSampleId :
PB152469BS



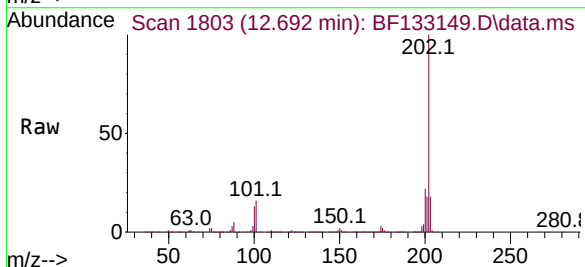
Tgt Ion:184 Resp: 119506
Ion Ratio Lower Upper
184 100
185 14.2 15.4 23.2
183 12.2 9.4 14.0

Manual Integrations
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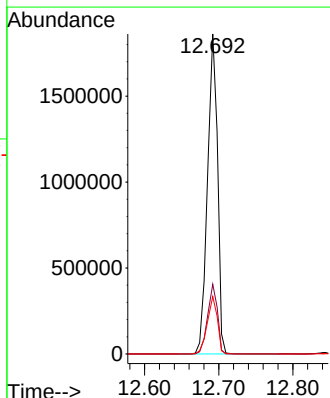
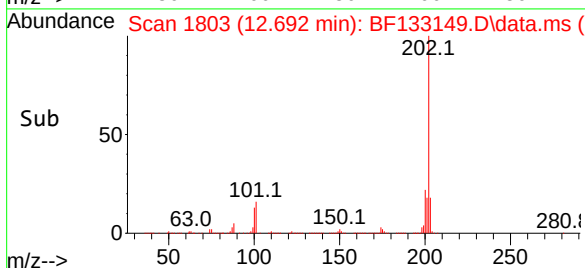
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

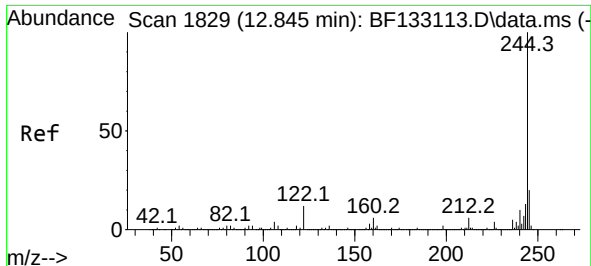


#78
Pyrene
Concen: 42.079 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:202 Resp: 1753336
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 17.9 14.1 21.1





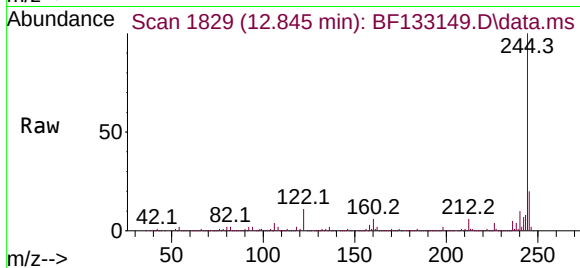
#79
 Terphenyl-d14
 Concen: 86.229 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

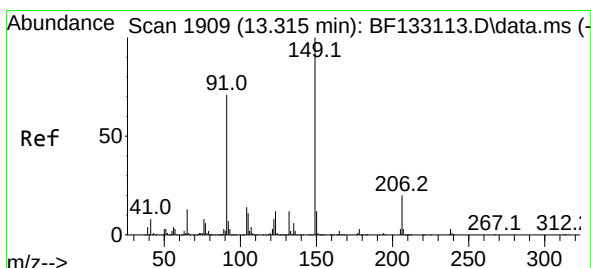
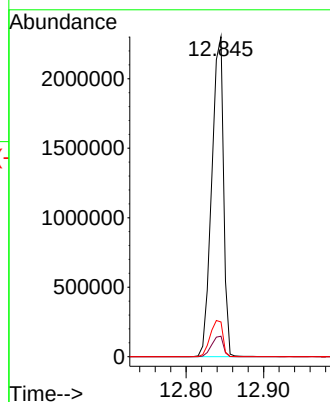
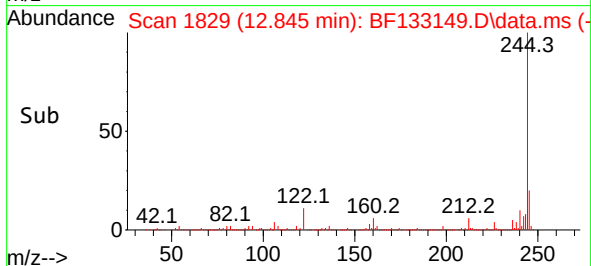


Tgt Ion:244 Resp: 2430200
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.9 8.6 13.0

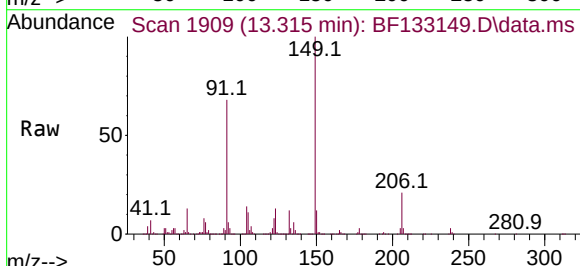
Manual Integrations

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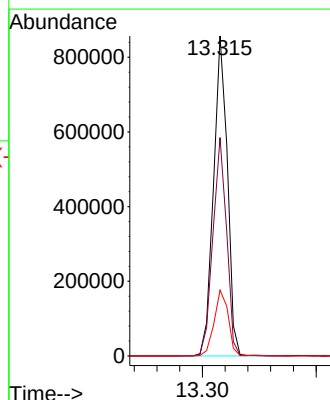
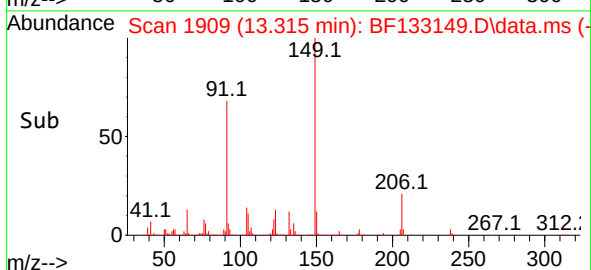
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

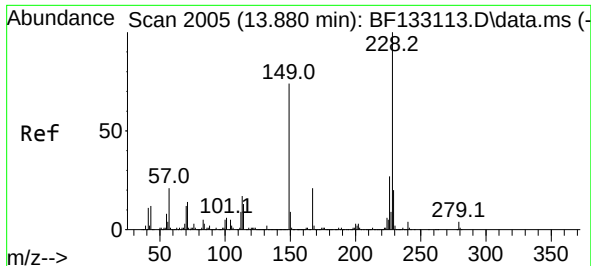


#80
 Butylbenzylphthalate
 Concen: 49.160 ng
 RT: 13.315 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: BF133149.D
 Acq: 01 May 2023 11:43



Tgt Ion:149 Resp: 725272
 Ion Ratio Lower Upper
 149 100
 91 68.2 53.8 80.6
 206 20.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 41.073 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

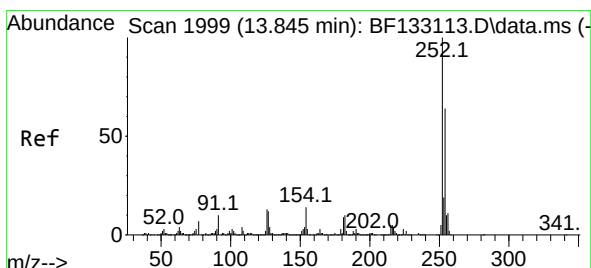
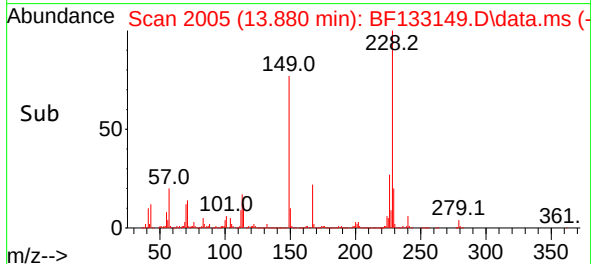
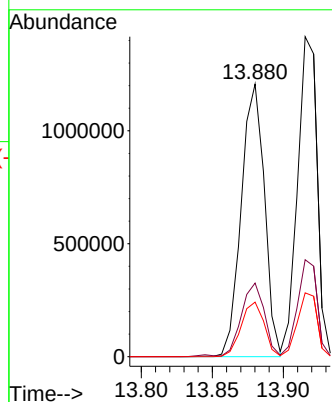
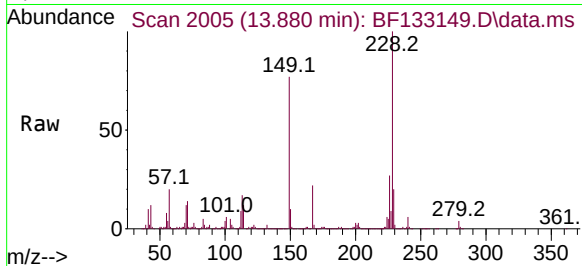
ClientSampleId :

PB152469BS

Tgt Ion:228 Resp: 137287
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 20.0 16.0 24.0

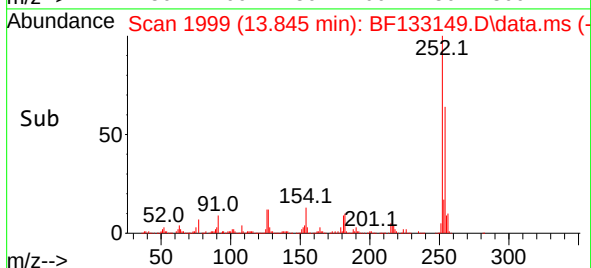
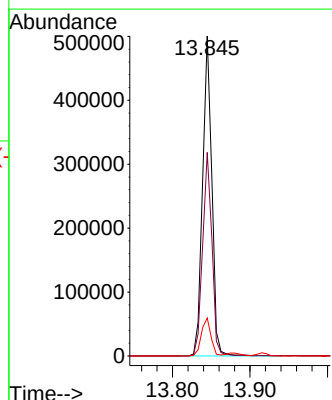
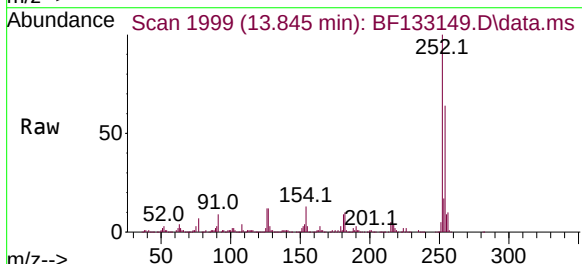
Manual Integrations
APPROVED

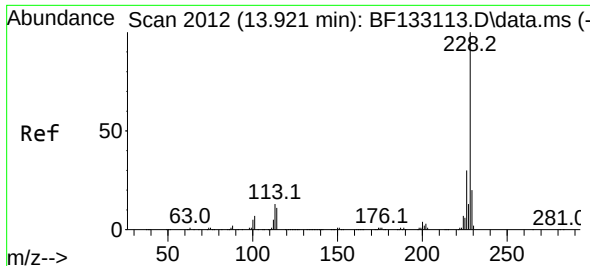
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.891 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

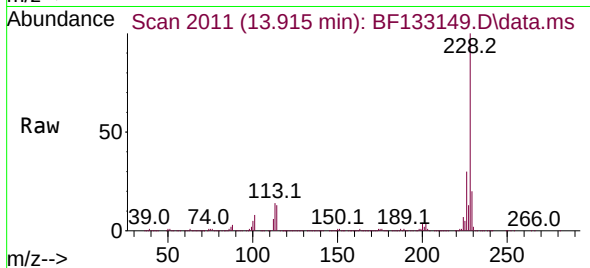
Tgt Ion:252 Resp: 414512
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 11.8 9.5 14.3





#83
Chrysene
Concen: 40.771 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

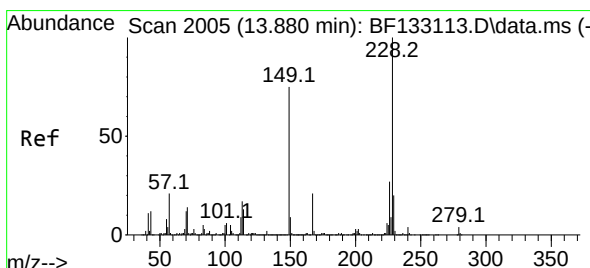
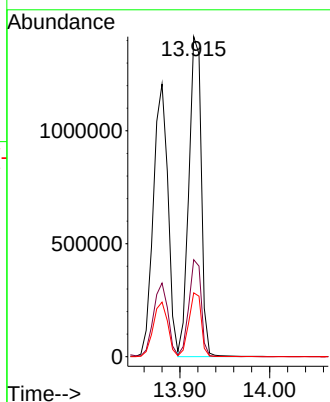
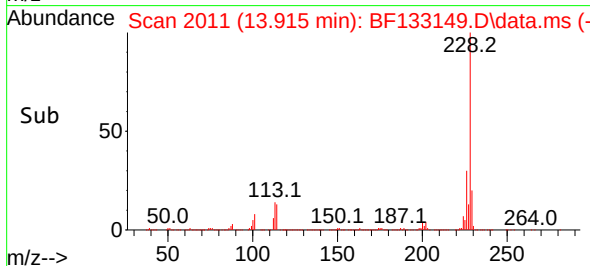
Instrument :
BNA_F
ClientSampleId :
PB152469BS



Tgt Ion:228 Resp: 1362460
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 20.0 16.1 24.1

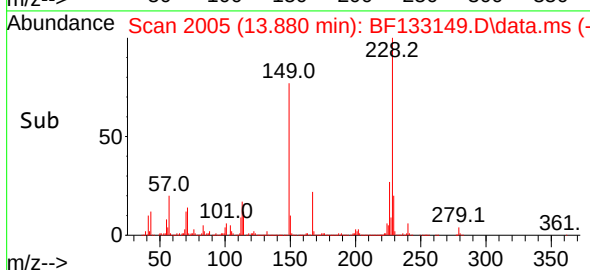
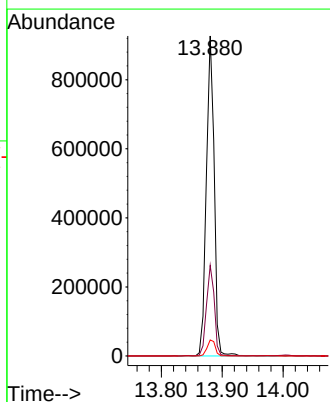
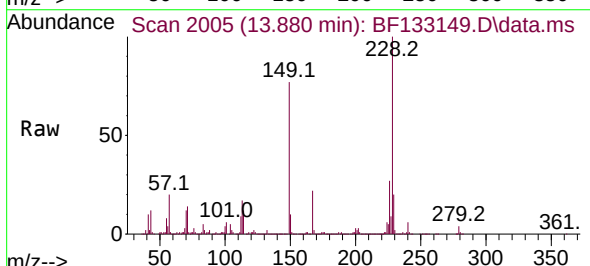
Manual Integrations
APPROVED

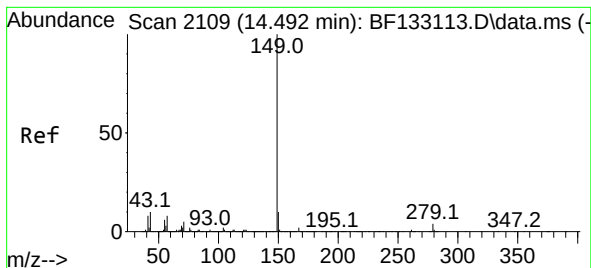
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.794 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

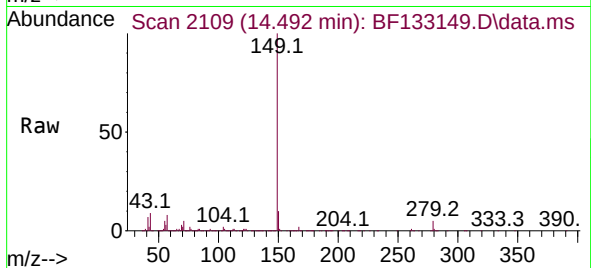
Tgt Ion:149 Resp: 829503
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 5.0 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 48.410 ng
RT: 14.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

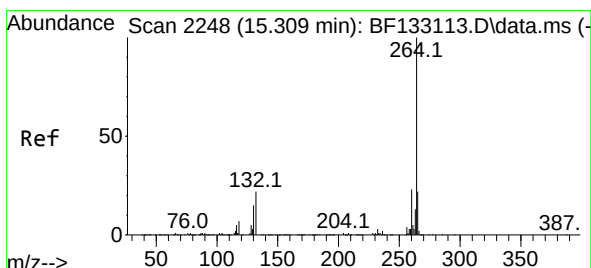
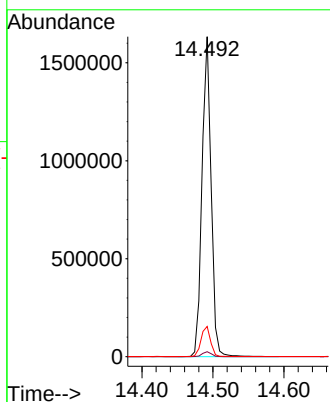
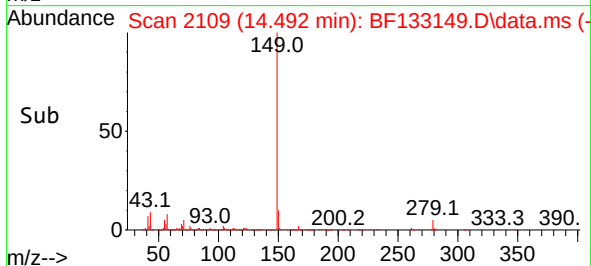
Instrument :
BNA_F
ClientSampleId :
PB152469BS



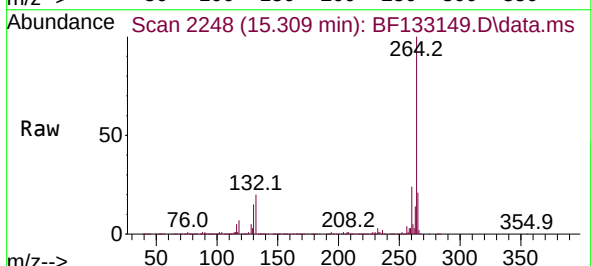
Tgt Ion:149 Resp: 146171
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 9.5 14.3

Manual Integrations
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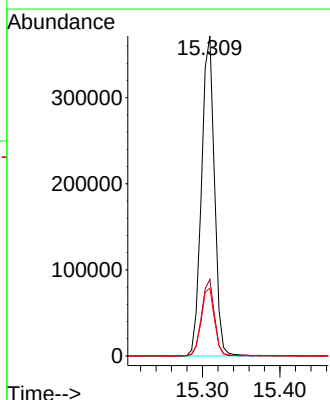
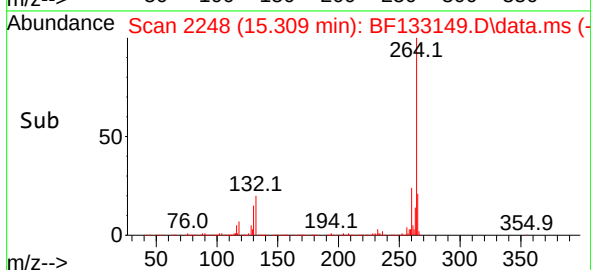
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

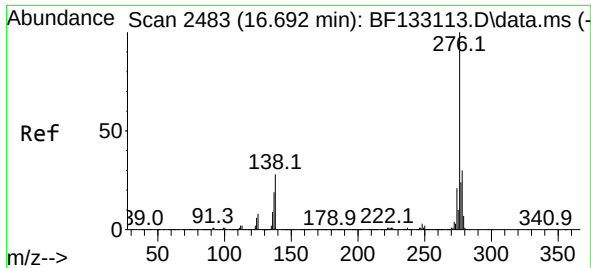


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.309 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:264 Resp: 431492
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.2 17.0 25.4





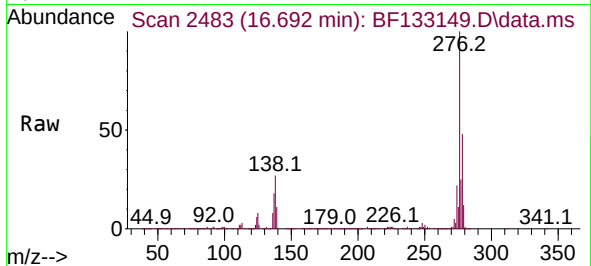
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.556 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

PB152469BS

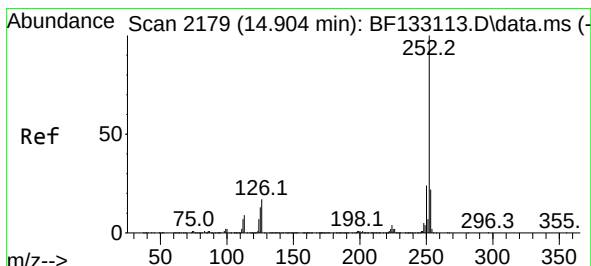
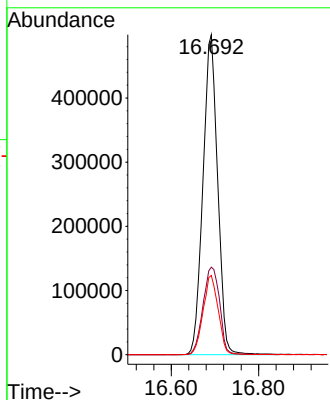
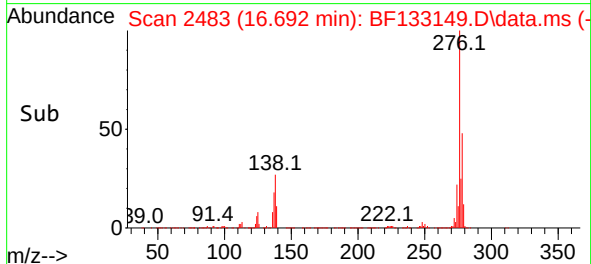


Tgt Ion: 276 Resp: 1167218
Ion Ratio Lower Upper
276 100
138 30.9 25.5 38.3
277 25.5 20.4 30.6

Manual Integrations

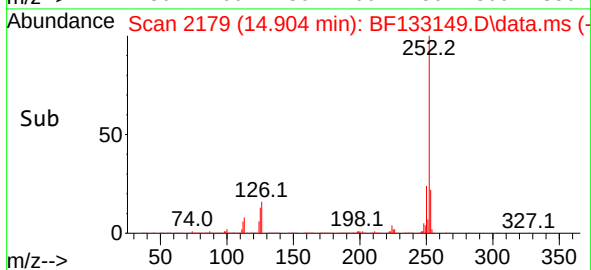
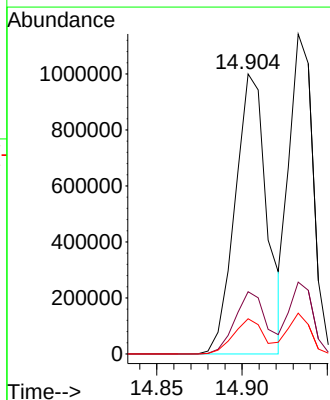
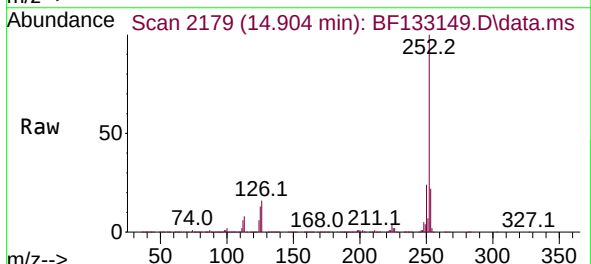
APPROVED

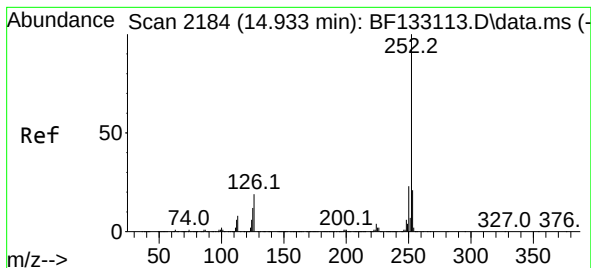
Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023



#88
Benzo(b)fluoranthene
Concen: 47.349 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

Tgt Ion: 252 Resp: 1299767
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.203 ng

RT: 14.933 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

Instrument :

BNA_F

ClientSampleId :

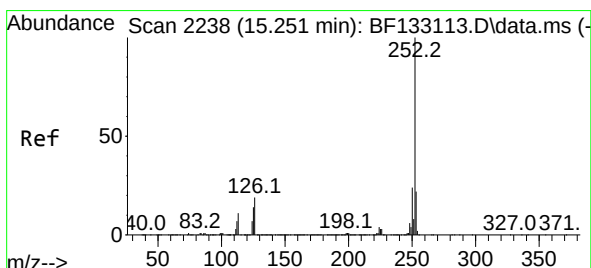
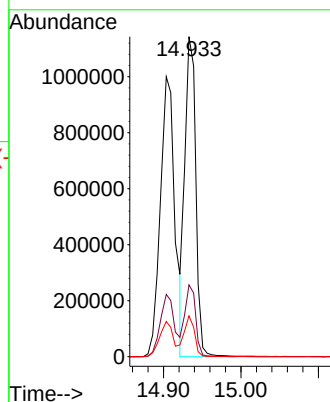
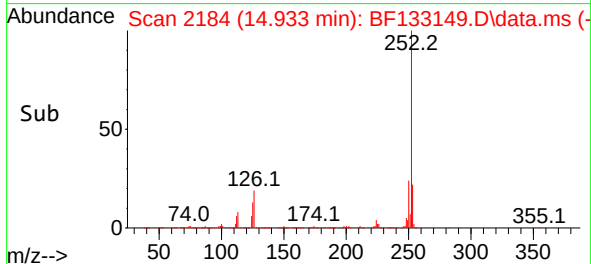
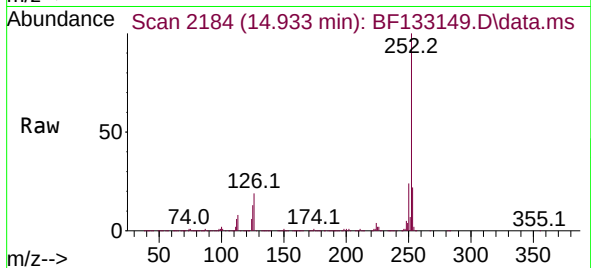
PB152469BS

Tgt Ion:252 Resp: 112121
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 12.7 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#90

Benzo(a)pyrene

Concen: 41.072 ng

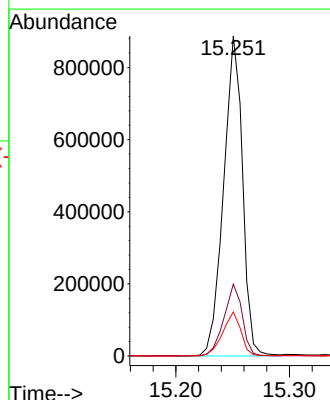
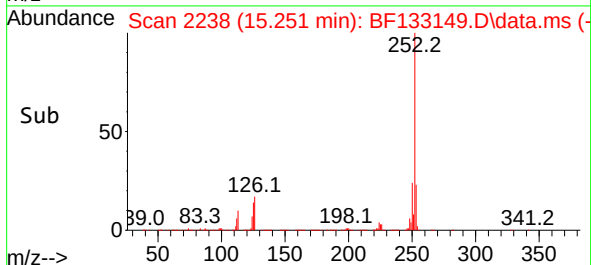
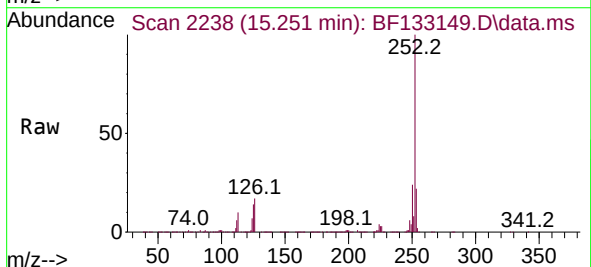
RT: 15.251 min Scan# 2238

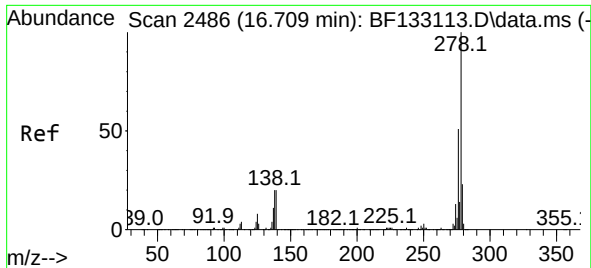
Delta R.T. 0.000 min

Lab File: BF133149.D

Acq: 01 May 2023 11:43

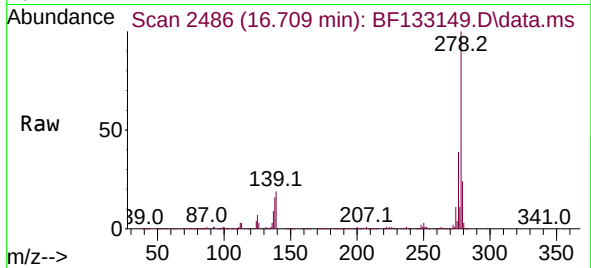
Tgt Ion:252 Resp: 1026238
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 13.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 47.361 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43

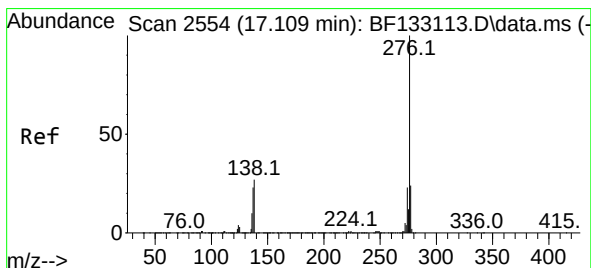
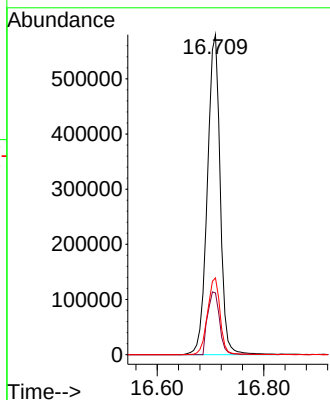
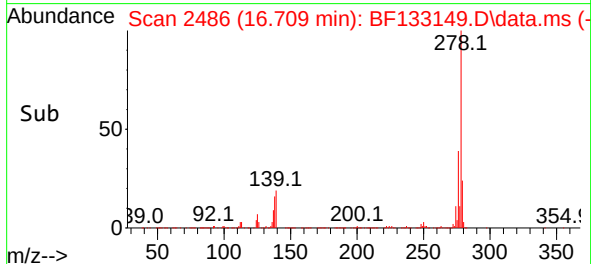
Instrument :
BNA_F
ClientSampleId :
PB152469BS



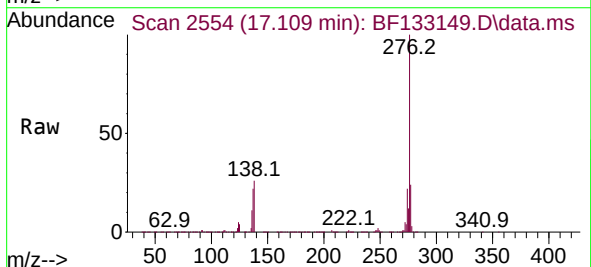
Tgt Ion:278 Resp: 969529
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#92
Benzo(g,h,i)perylene
Concen: 48.128 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133149.D
Acq: 01 May 2023 11:43



Tgt Ion:276 Resp: 972673
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 26.4 22.7 34.1

