

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132549.D
 Acq On : 27 Feb 2023 13:18
 Operator : CG\JU
 Sample : 01654-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UGTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 27 14:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	167707	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	615771	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	343949	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	666548	20.000	ng	0.00
76) Chrysene-d12	14.207	240	334698	20.000	ng	0.00
86) Perylene-d12	15.754	264	382513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1200691	116.196	ng	0.02
7) Phenol-d6	6.637	99	1504422	111.555	ng	0.00
23) Nitrobenzene-d5	7.572	82	1152248	88.779	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	519404	139.831	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1840983	81.500	ng	0.00
79) Terphenyl-d14	13.142	244	2190899	110.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.078	88	235308	41.167	ng	98
3) Pyridine	3.778	79	534677	35.240	ng	99
4) n-Nitrosodimethylamine	3.719	42	269276	46.985	ng	96
6) Aniline	6.666	93	233787	12.882	ng	98
8) 2-Chlorophenol	6.796	128	532892	49.688	ng	97
9) Benzaldehyde	6.560	77	236705	32.528	ng	99
10) Phenol	6.648	94	606341	39.217	ng	97
11) bis(2-Chloroethyl)ether	6.737	93	585573	49.060	ng	98
12) 1,3-Dichlorobenzene	6.948	146	532121	46.235	ng	98
13) 1,4-Dichlorobenzene	7.019	146	533114	46.390	ng	98
14) 1,2-Dichlorobenzene	7.172	146	520309	47.177	ng	97
15) Benzyl Alcohol	7.148	79	530605	51.088	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.272	45	729294	47.915	ng	95
17) 2-Methylphenol	7.254	107	440482	44.008	ng	98
18) Hexachloroethane	7.519	117	215197	47.932	ng	94
19) n-Nitroso-di-n-propyla...	7.419	70	388205	46.773	ng	97
20) 3+4-Methylphenols	7.407	107	510476	39.477	ng	98
22) Acetophenone	7.413	105	729919	47.010	ng	94
24) Nitrobenzene	7.590	77	642965	46.321	ng	96
25) Isophorone	7.825	82	1187631	47.728	ng	98
26) 2-Nitrophenol	7.907	139	296516	48.416	ng	98
27) 2,4-Dimethylphenol	7.937	122	455295	47.103	ng	96
28) bis(2-Chloroethoxy)met...	8.031	93	700637	48.133	ng	99
29) 2,4-Dichlorophenol	8.148	162	456674	47.495	ng	98
30) 1,2,4-Trichlorobenzene	8.231	180	506065	48.470	ng	98
31) Naphthalene	8.313	128	1451508	46.045	ng	100
32) Benzoic acid	8.066	122	330094	43.709	ng	89
33) 4-Chloroaniline	8.354	127	47812	3.539	ng	96
34) Hexachlorobutadiene	8.425	225	332474	50.112	ng	98
35) Caprolactam	8.742	113	134771m	42.515	ng	
36) 4-Chloro-3-methylphenol	8.848	107	516514	48.914	ng	95
37) 2-Methylnaphthalene	9.007	142	984614	45.832	ng	100
38) 1-Methylnaphthalene	9.107	142	915096	45.580	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	534474	47.495	ng	99
41) Hexachlorocyclopentadiene	9.154	237	640105	104.873	ng	98
43) 2,4,6-Trichlorophenol	9.284	196	365310	47.902	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

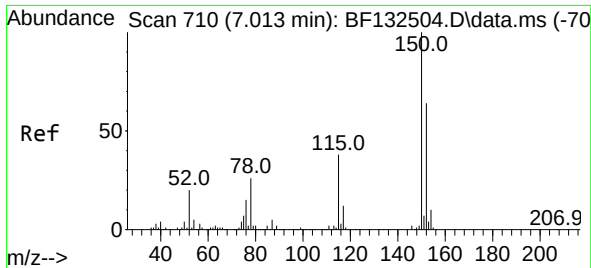
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.331	196	388797	43.681	ng	95
46) 1,1'-Biphenyl	9.472	154	1187145	45.602	ng	99
47) 2-Chloronaphthalene	9.501	162	964156	46.713	ng	100
48) 2-Nitroaniline	9.595	65	342083	45.000	ng	99
49) Acenaphthylene	9.919	152	1478088	44.996	ng	99
50) Dimethylphthalate	9.772	163	1195360	47.731	ng	100
51) 2,6-Dinitrotoluene	9.836	165	270220	47.378	ng	96
52) Acenaphthene	10.089	154	1072745m	51.429	ng	
53) 3-Nitroaniline	10.007	138	100417	15.739	ng	96
54) 2,4-Dinitrophenol	10.119	184	325607	90.350	ng	94
55) Dibenzofuran	10.266	168	1375868	45.246	ng	98
56) 4-Nitrophenol	10.172	139	379296	79.717	ng	88
57) 2,4-Dinitrotoluene	10.242	165	367707	48.461	ng	94
58) Fluorene	10.607	166	1069320	45.973	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.378	232	332126	50.231	ng	98
60) Diethylphthalate	10.472	149	1177914	48.159	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	563297	46.683	ng	98
62) 4-Nitroaniline	10.631	138	260581	41.608	ng	96
63) Azobenzene	10.754	77	1226267	47.339	ng	95
65) 4,6-Dinitro-2-methylph...	10.654	198	218183	48.354	ng	95
66) n-Nitrosodiphenylamine	10.719	169	958044	46.104	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	366293	48.582	ng	98
68) Hexachlorobenzene	11.160	284	404607	51.000	ng	99
69) Atrazine	11.242	200	345509	53.259	ng	97
70) Pentachlorophenol	11.354	266	428569	90.795	ng	98
71) Phenanthrene	11.578	178	1578307	45.708	ng	99
72) Anthracene	11.631	178	1609903	45.275	ng	100
73) Carbazole	11.783	167	1402553	43.748	ng	99
74) Di-n-butylphthalate	12.101	149	1838067	48.876	ng	99
75) Fluoranthene	12.772	202	1614091	42.759	ng	98
77) Benzidine	12.883	184	147134	18.059	ng	99
78) Pyrene	13.001	202	1619620	53.225	ng	99
80) Butylbenzylphthalate	13.613	149	658390	54.828	ng	96
81) Benzo(a)anthracene	14.195	228	1186643	47.384	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	146158	19.796	ng	# 98
83) Chrysene	14.236	228	1101626	47.042	ng	98
84) Bis(2-ethylhexyl)phtha...	14.166	149	839242	56.892	ng	99
85) Di-n-octyl phthalate	14.789	149	1265821	58.721	ng	99
87) Indeno(1,2,3-cd)pyrene	17.365	276	1245009	49.673	ng	98
88) Benzo(b)fluoranthene	15.295	252	1166013	45.487	ng	99
89) Benzo(k)fluoranthene	15.324	252	1159002	46.198	ng	100
90) Benzo(a)pyrene	15.695	252	1066310	44.445	ng	98
91) Dibenzo(a,h)anthracene	17.383	278	1023525	50.120	ng	97
92) Benzo(g,h,i)perylene	17.854	276	968915	42.186	ng	98

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

Manual Integrations

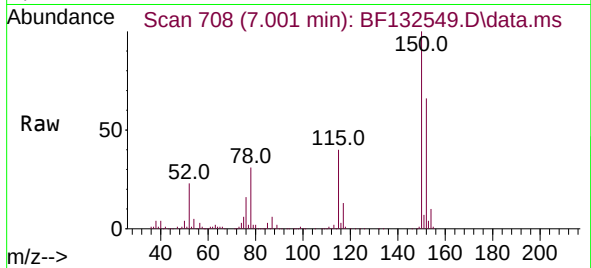
Quant Time: Feb 27 14:49:34 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

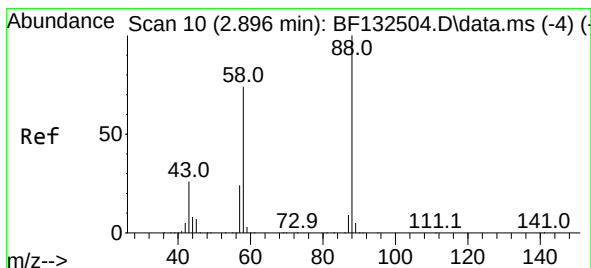
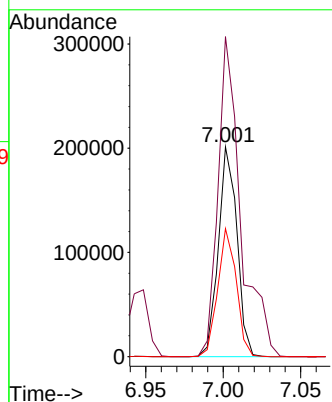
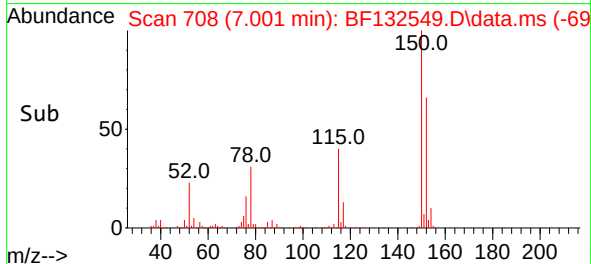
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:152 Resp: 16770
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 61.0 47.8 71.6

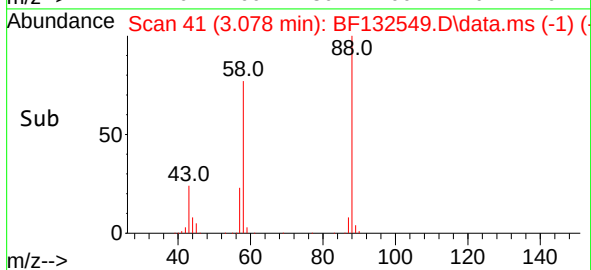
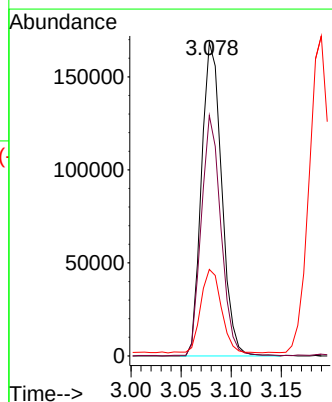
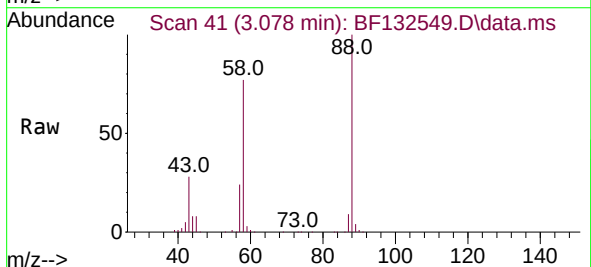
Manual Integrations
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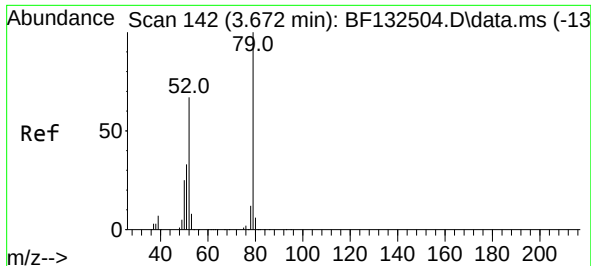
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#2
1,4-Dioxane
Concen: 41.167 ng
RT: 3.078 min Scan# 41
Delta R.T. 0.194 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

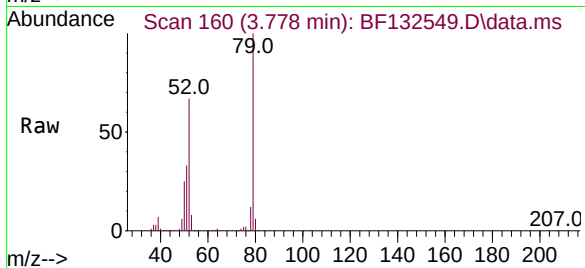
Tgt Ion: 88 Resp: 235308
Ion Ratio Lower Upper
88 100
58 74.8 58.3 87.5
43 27.1 20.7 31.1





#3
Pyridine
Concen: 35.240 ng
RT: 3.778 min Scan# 142
Delta R.T. 0.124 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

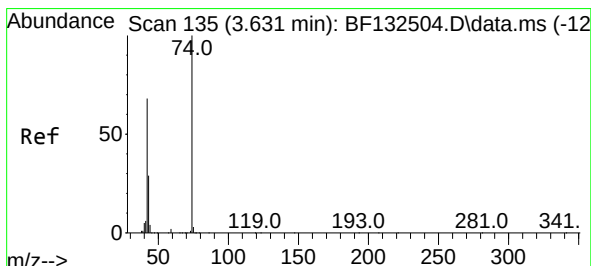
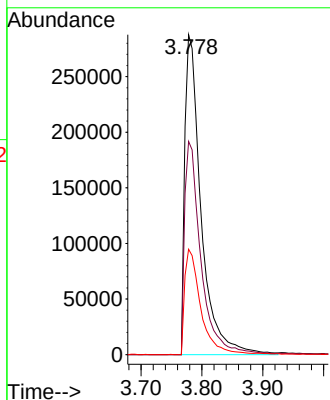
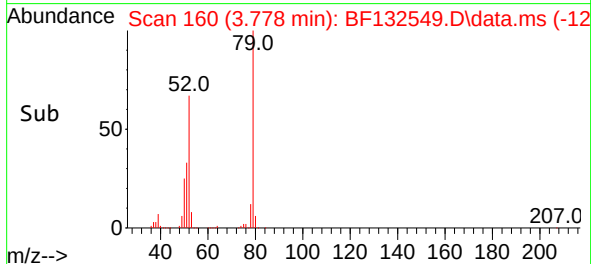
Instrument :
BNA_F
ClientSampleId :
UGTMSD



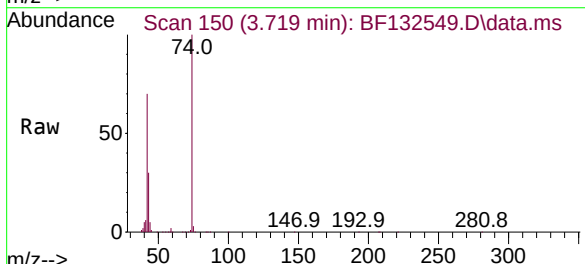
Tgt Ion: 79 Resp: 534672
Ion Ratio Lower Upper
79 100
52 66.6 53.7 80.5
51 32.9 26.6 40.0

Manual Integrations
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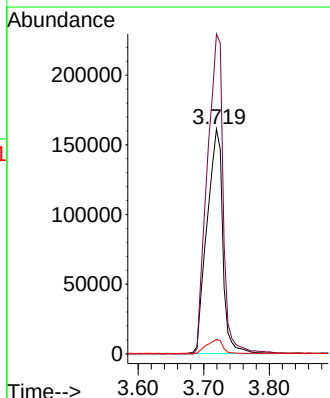
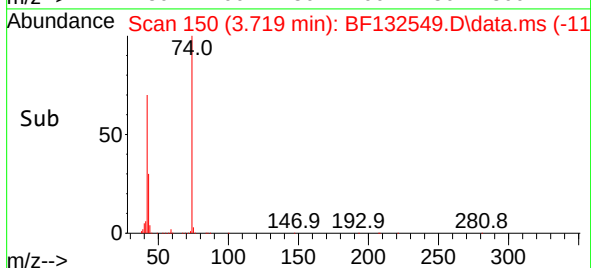
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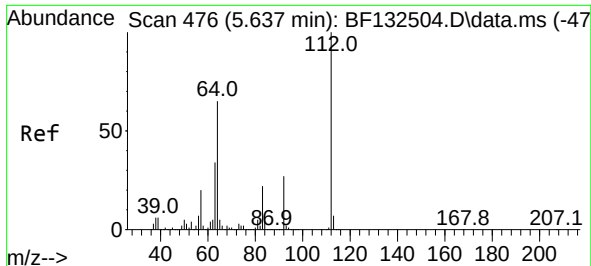


#4
n-Nitrosodimethylamine
Concen: 46.985 ng
RT: 3.719 min Scan# 150
Delta R.T. 0.094 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



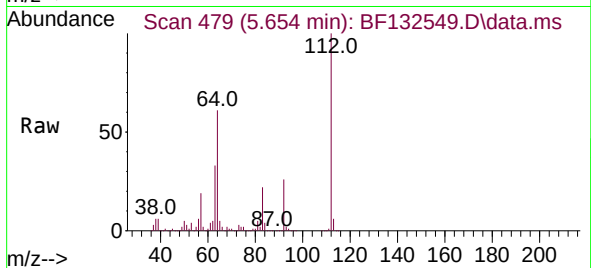
Tgt Ion: 42 Resp: 269276
Ion Ratio Lower Upper
42 100
74 142.3 118.2 177.2
44 6.4 5.3 7.9





#5
2-Fluorophenol
Concen: 116.196 ng
RT: 5.654 min Scan# 41
Delta R.T. 0.024 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

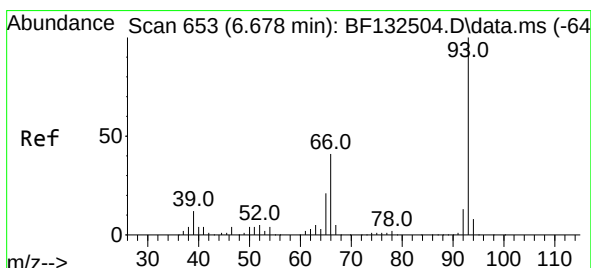
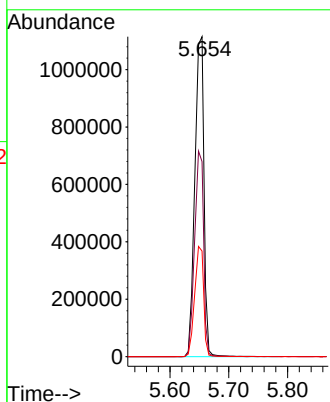
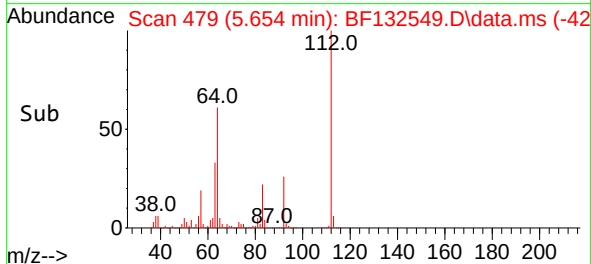
Instrument :
BNA_F
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UGTMSD



Tgt Ion:112 Resp: 120069
Ion Ratio Lower Upper
112 100
64 60.9 51.6 77.4
63 33.0 27.4 41.2

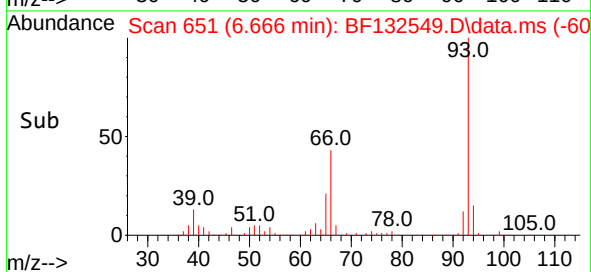
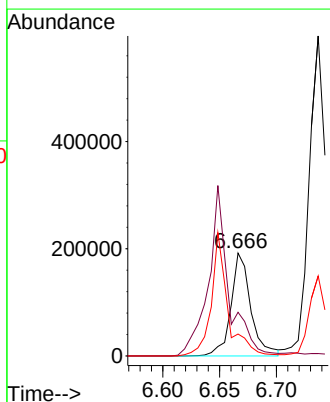
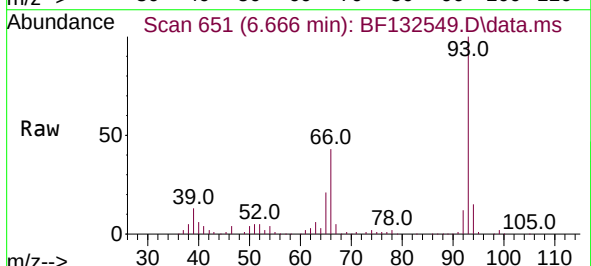
Manual Integrations
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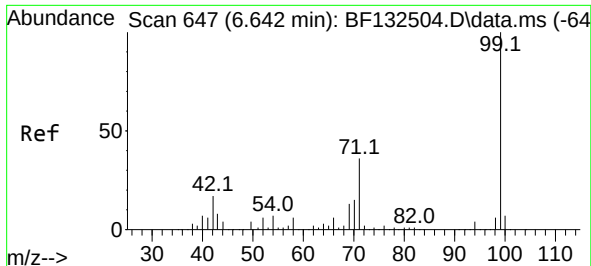
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#6
Aniline
Concen: 12.882 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

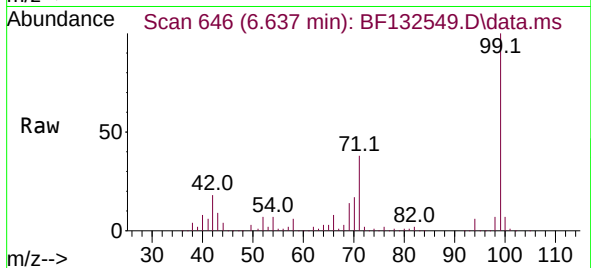
Tgt Ion: 93 Resp: 233787
Ion Ratio Lower Upper
93 100
66 42.5 32.5 48.7
65 21.2 16.6 24.8





#7
Phenol-d6
Concen: 111.555 ng
RT: 6.637 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

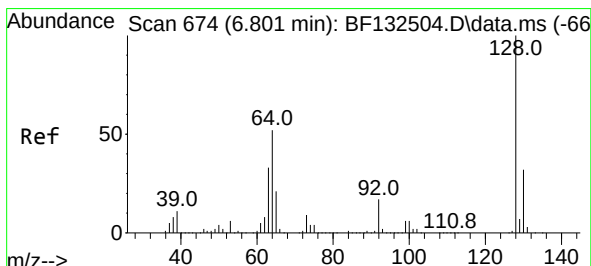
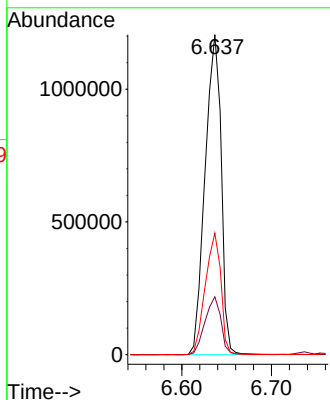
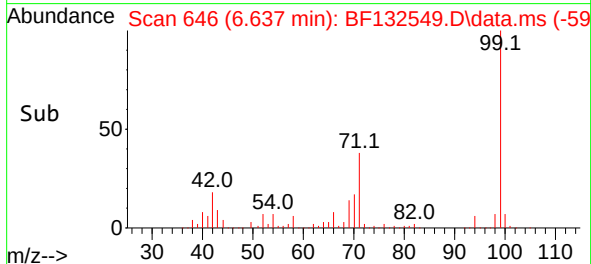
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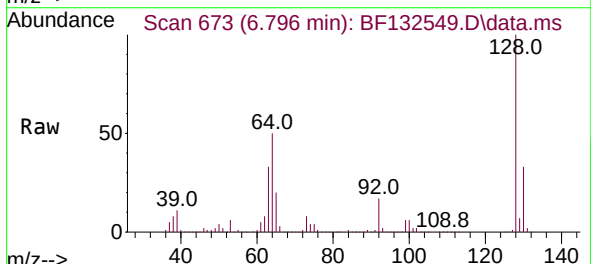
Tgt Ion: 99 Resp: 150442
Ion Ratio Lower Upper
99 100
42 18.1 13.9 20.9
71 38.0 28.5 42.7

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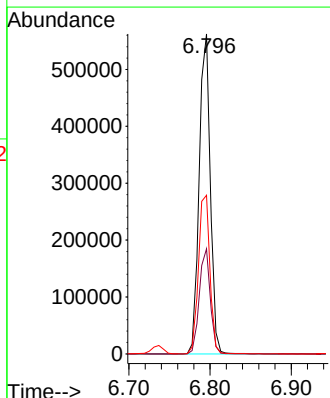
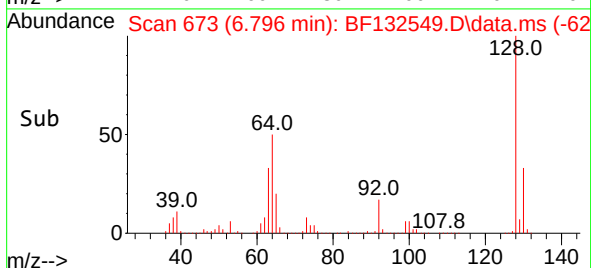
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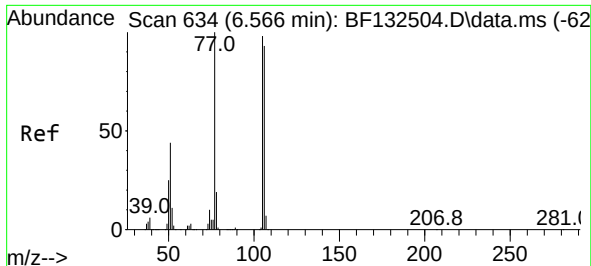


#8
2-Chlorophenol
Concen: 49.688 ng
RT: 6.796 min Scan# 673
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



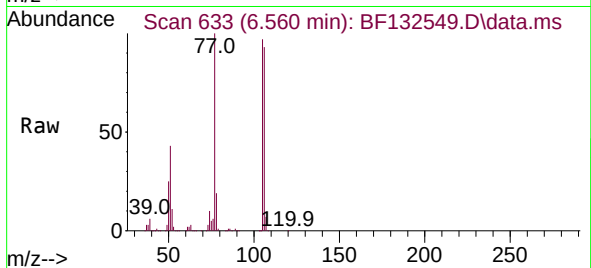
Tgt Ion:128 Resp: 532892
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 49.6 32.0 72.0





#9
Benzaldehyde
Concen: 32.528 ng
RT: 6.560 min Scan# 634
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

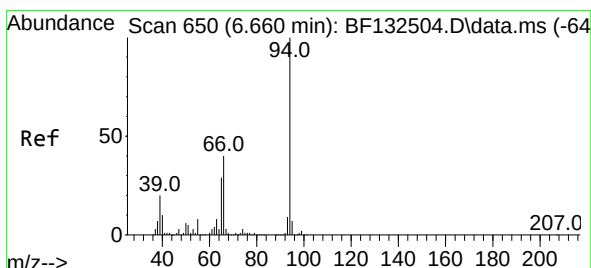
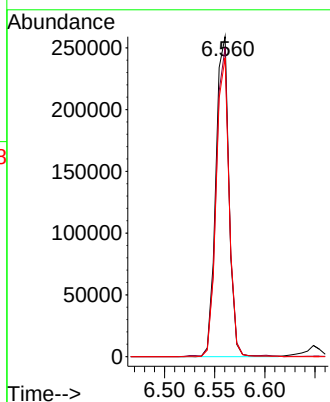
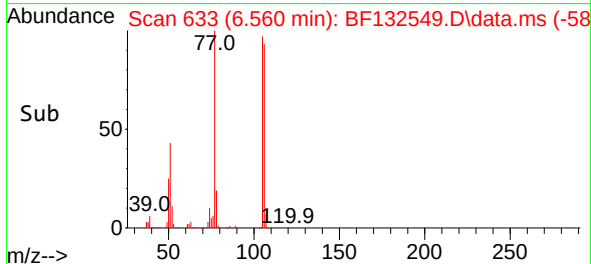
Instrument :
BNA_F
Client SampleId :
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Tgt Ion: 77 Resp: 236705
Ion Ratio Lower Upper
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105 96.5 77.9 117.9
106 93.4 73.4 113.4

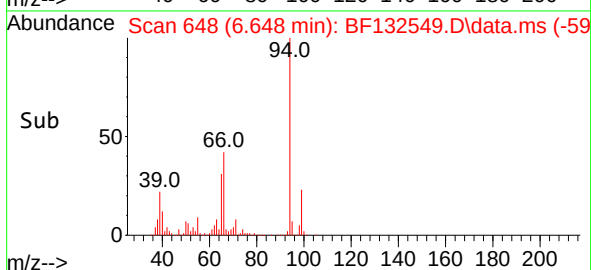
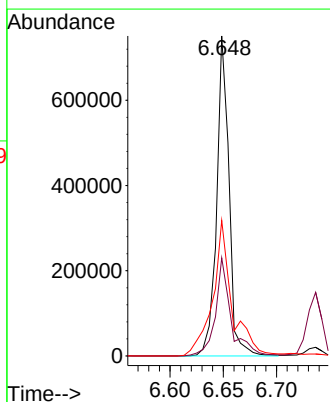
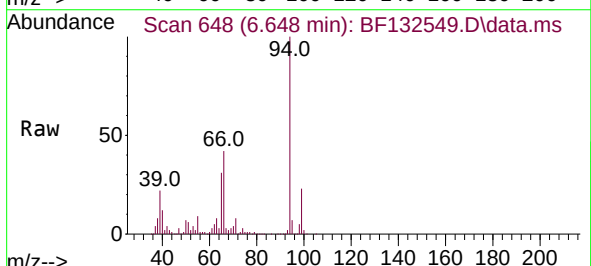
Manual Integrations
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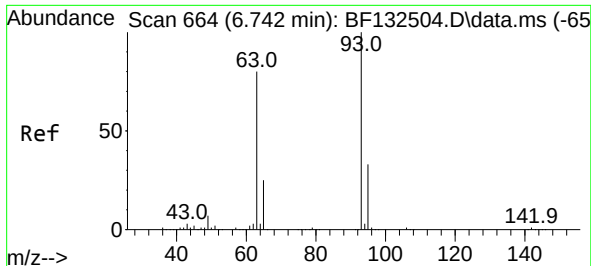
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#10
Phenol
Concen: 39.217 ng
RT: 6.648 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion: 94 Resp: 606341
Ion Ratio Lower Upper
94 100
65 30.6 9.4 49.4
66 42.3 19.8 59.8





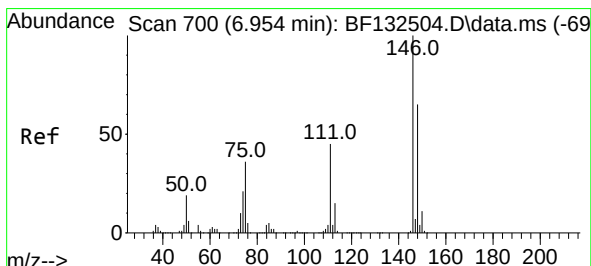
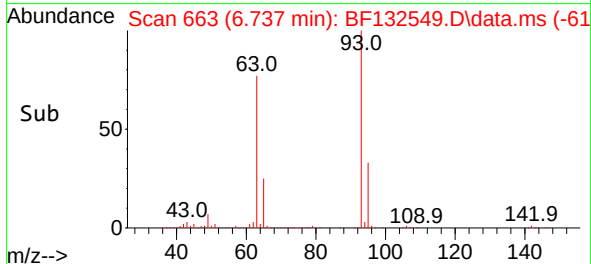
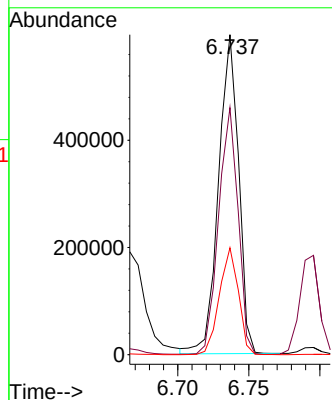
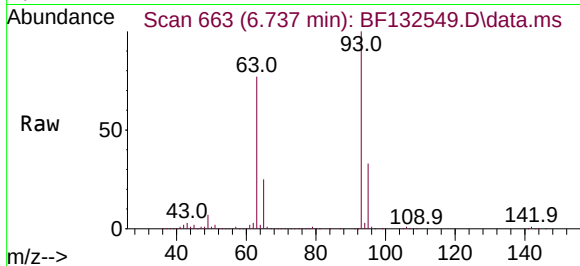
#11
bis(2-Chloroethyl)ether
Concen: 49.060 ng
RT: 6.737 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion: 93 Resp: 585573
Ion Ratio Lower Upper
93 100
63 77.2 59.6 99.6
95 33.4 12.8 52.8

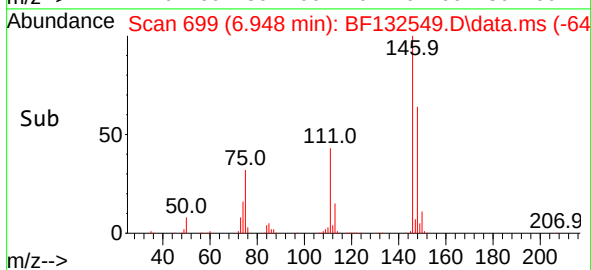
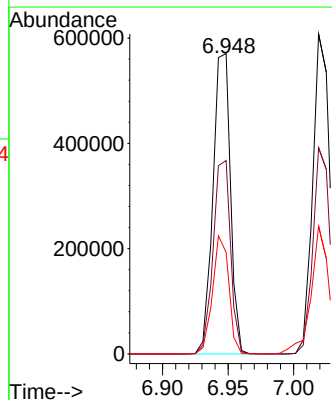
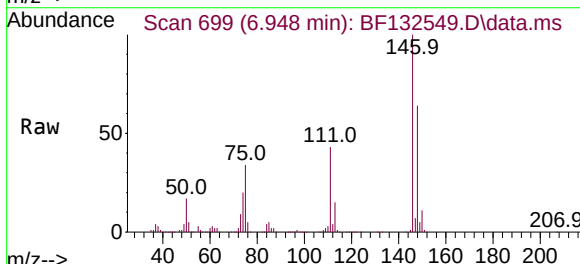
Manual Integrations
APPROVED

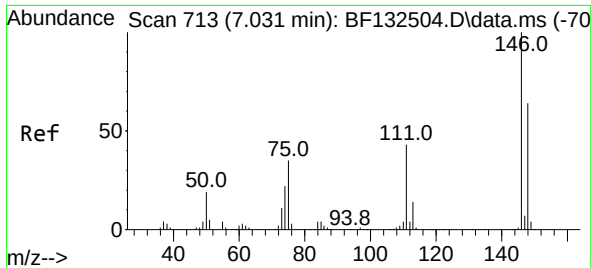
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#12
1,3-Dichlorobenzene
Concen: 46.235 ng
RT: 6.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:146 Resp: 532121
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 33.8 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.390 ng

RT: 7.019 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

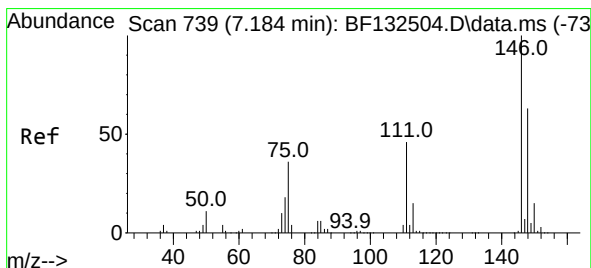
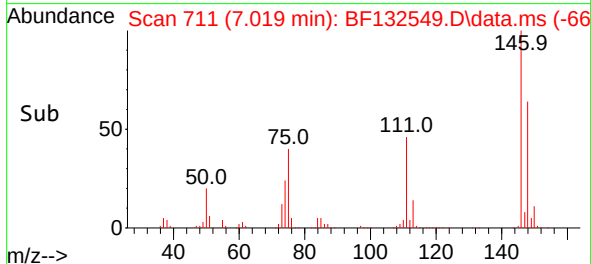
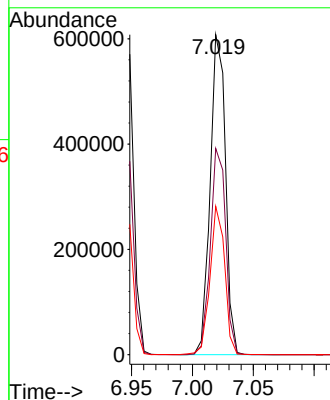
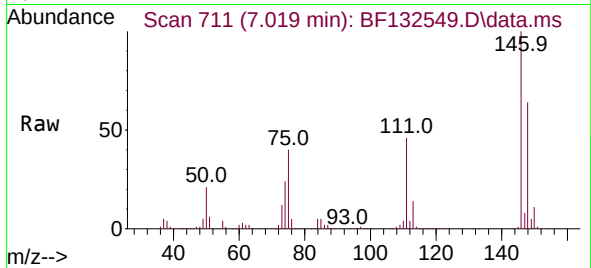
UGTMSD

Tgt Ion:146 Resp: 533114
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 46.3 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023



#14

1,2-Dichlorobenzene

Concen: 47.177 ng

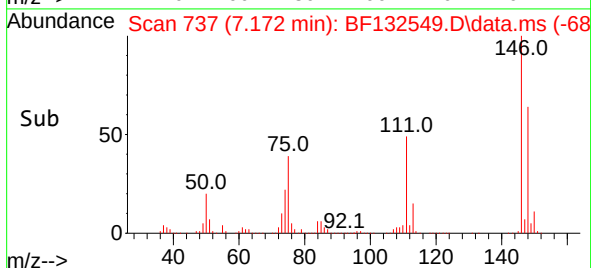
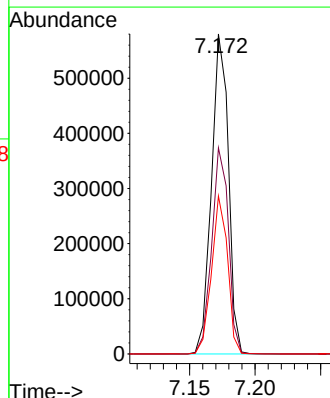
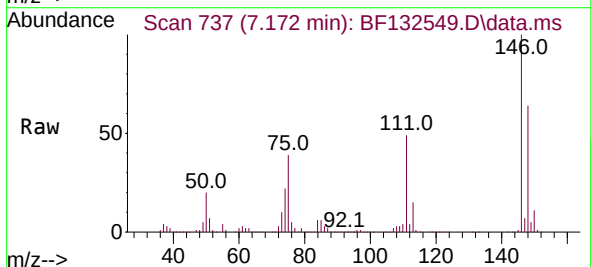
RT: 7.172 min Scan# 737

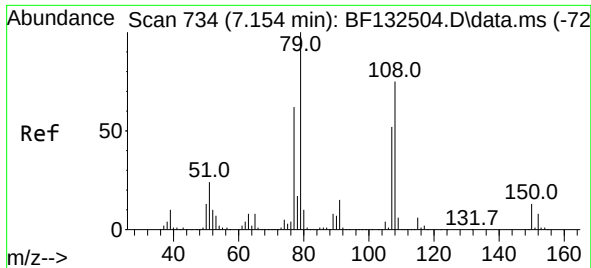
Delta R.T. -0.006 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

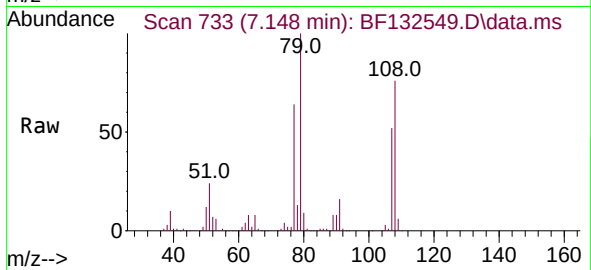
Tgt Ion:146 Resp: 520309
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 49.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 51.088 ng
RT: 7.148 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

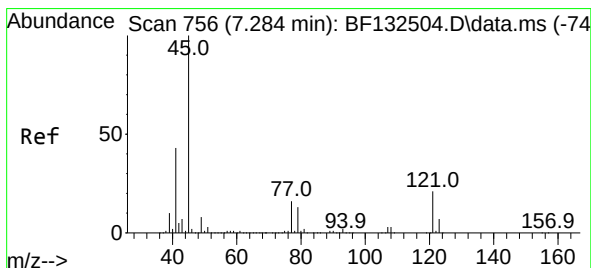
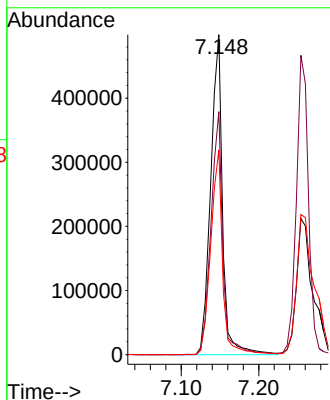
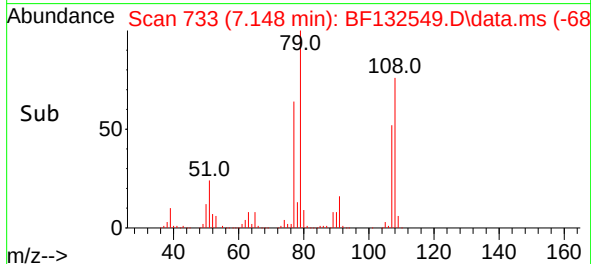
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion: 79 Resp: 530605
Ion Ratio Lower Upper
79 100
108 75.9 60.2 90.4
77 64.0 49.9 74.9

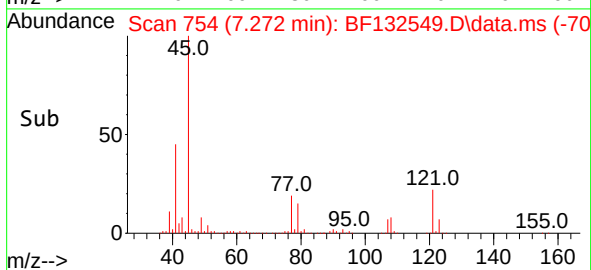
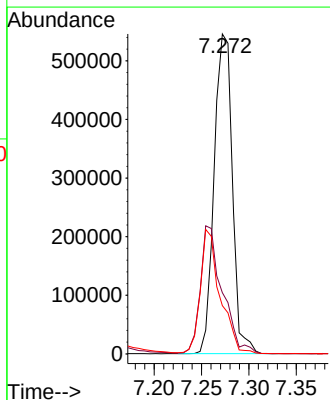
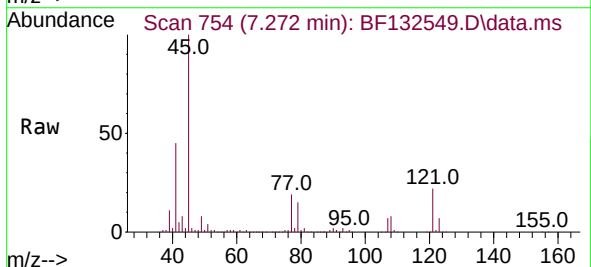
Manual Integrations
APPROVED

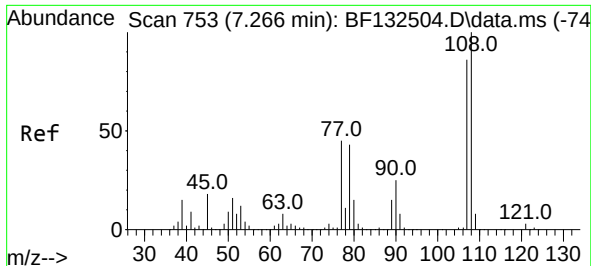
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.915 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

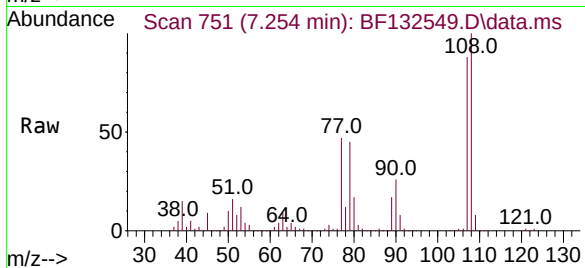
Tgt Ion: 45 Resp: 729294
Ion Ratio Lower Upper
45 100
77 19.1 0.0 36.4
79 15.1 0.0 33.4





#17
2-Methylphenol
Concen: 44.008 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

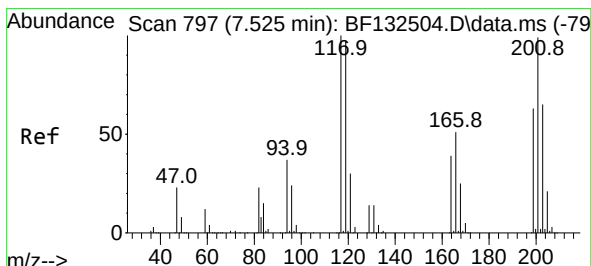
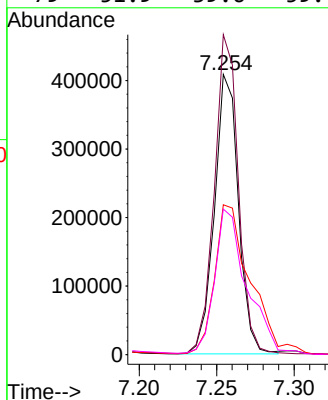
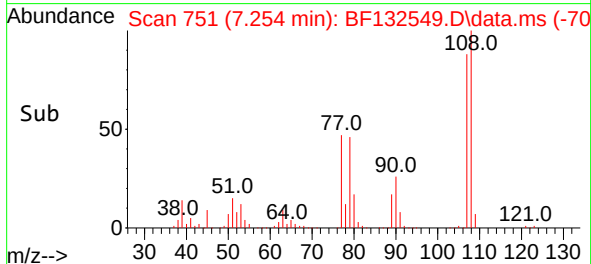
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:107 Resp: 440482
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.4
77 53.4 42.1 63.1
79 51.9 39.6 59.4

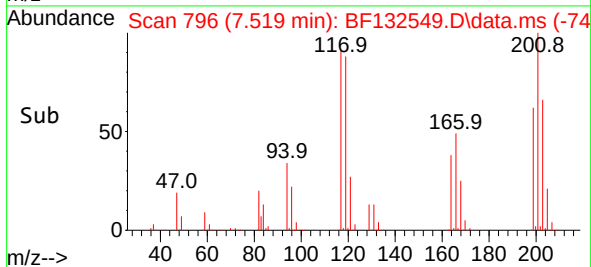
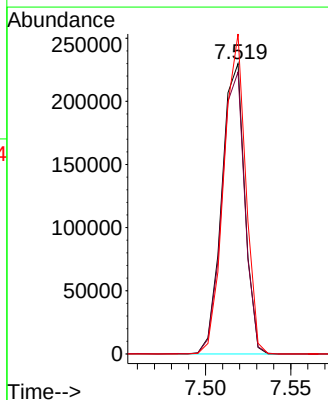
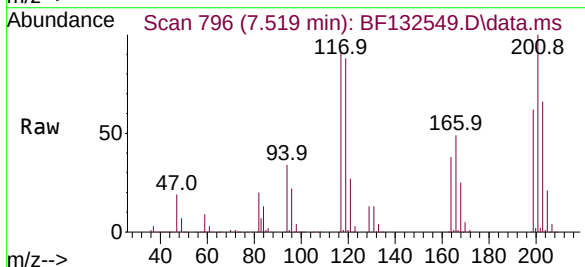
Manual Integrations
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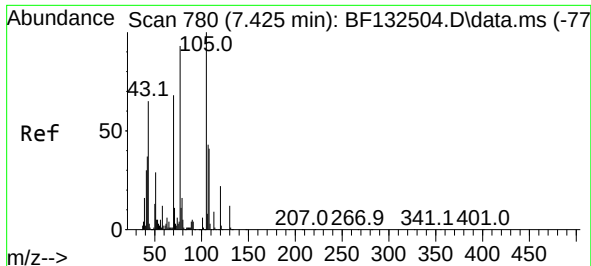
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#18
Hexachloroethane
Concen: 47.932 ng
RT: 7.519 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

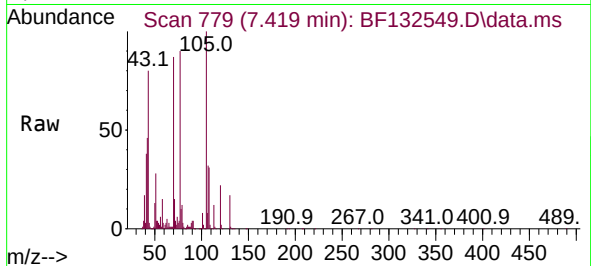
Tgt Ion:117 Resp: 215197
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
201 110.2 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.773 ng
RT: 7.419 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

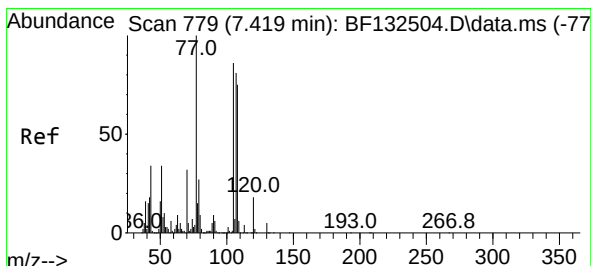
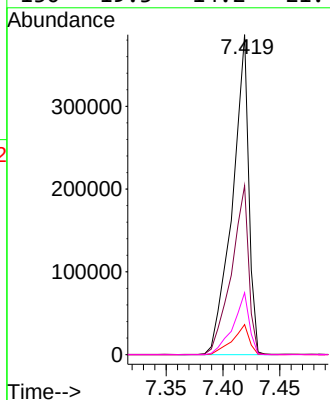
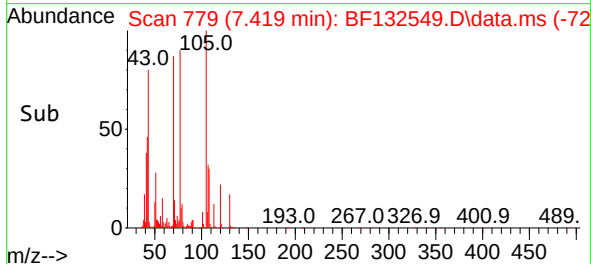
Instrument :
BNA_F
ClientSampleId :
UGTMSD



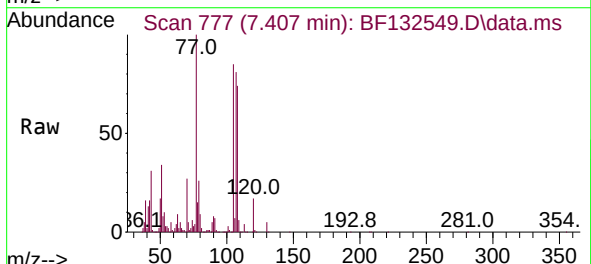
Tgt Ion: 70 Resp: 388205
Ion Ratio Lower Upper
70 100
42 52.8 44.1 66.1
101 9.4 7.4 11.2
130 19.3 14.2 21.4

Manual Integrations
APPROVED

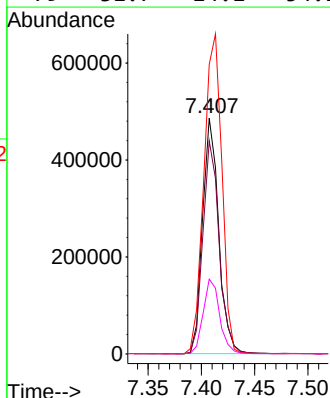
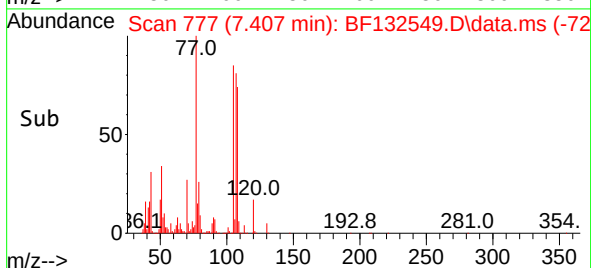
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

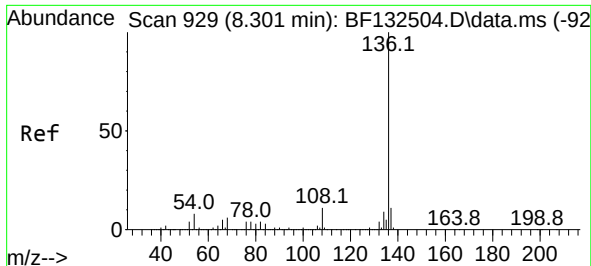


#20
3+4-Methylphenols
Concen: 39.477 ng
RT: 7.407 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



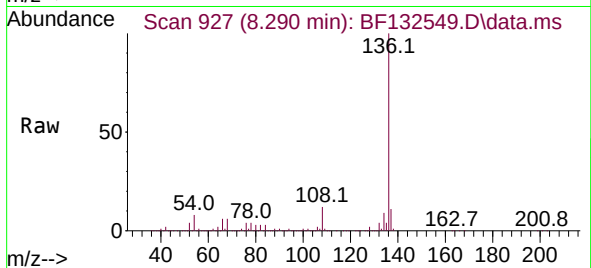
Tgt Ion:107 Resp: 510476
Ion Ratio Lower Upper
107 100
108 90.3 72.6 112.6
77 122.8 104.0 144.0
79 31.7 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.290 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

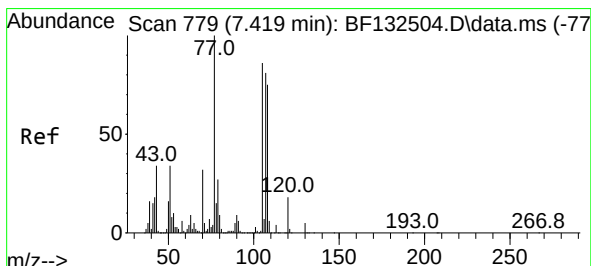
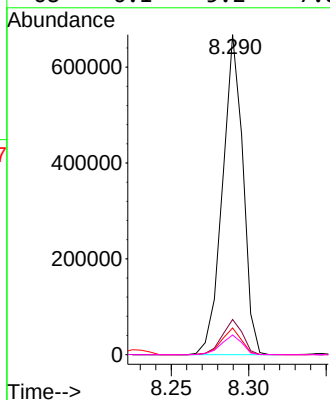
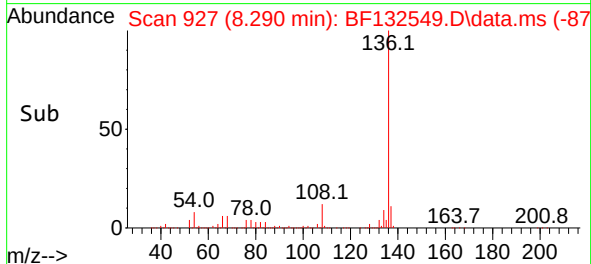
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:136 Resp: 61577
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.2 9.4
68 6.1 5.2 7.8

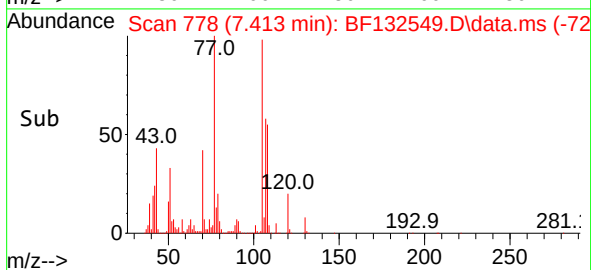
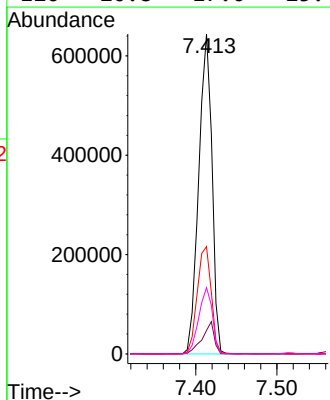
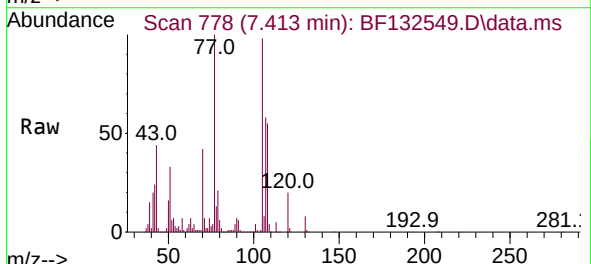
Manual Integrations
APPROVED

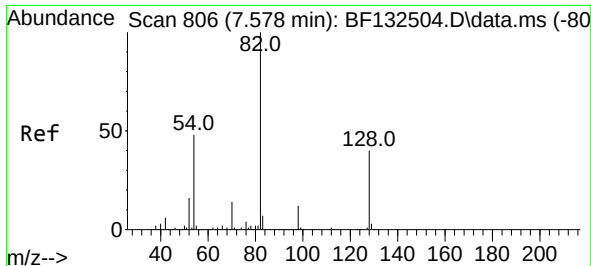
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#22
Acetophenone
Concen: 47.010 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:105 Resp: 729919
Ion Ratio Lower Upper
105 100
71 7.3 5.0 7.4
51 33.5 31.5 47.3
120 20.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 88.779 ng

RT: 7.572 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion: 82 Resp: 1152248

Ion Ratio Lower Upper

82 100

128 39.4 32.2 48.2

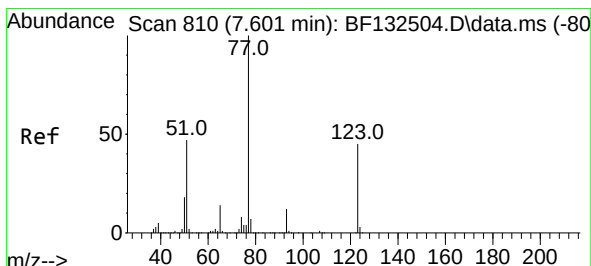
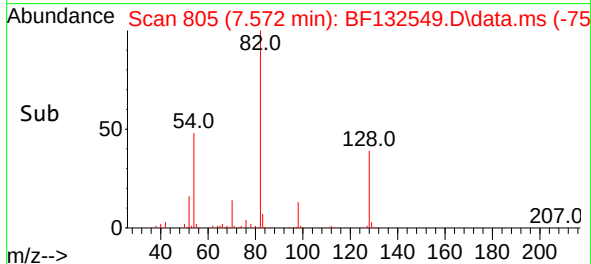
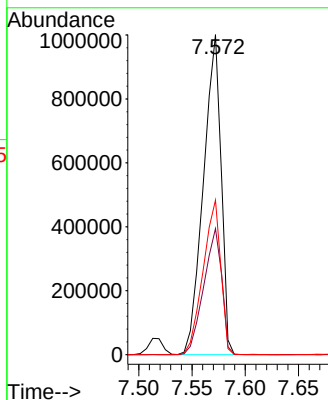
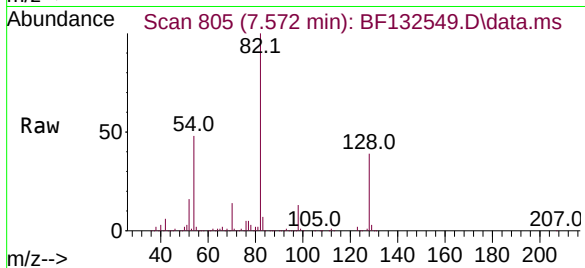
54 48.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#24

Nitrobenzene

Concen: 46.321 ng

RT: 7.590 min Scan# 808

Delta R.T. -0.006 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

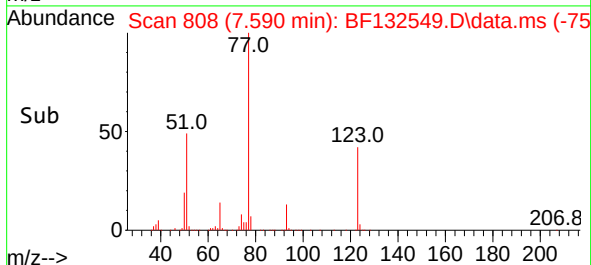
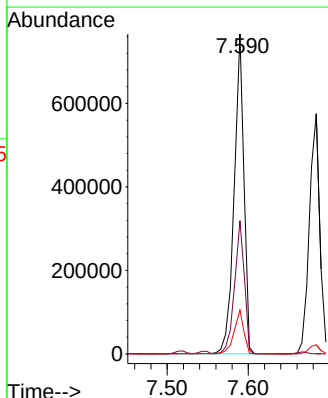
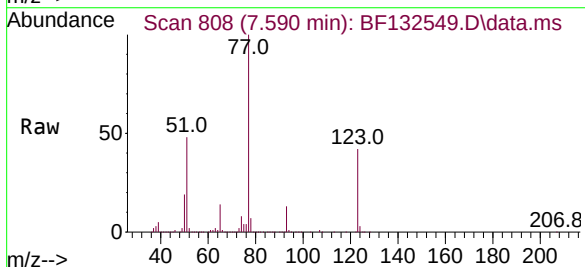
Tgt Ion: 77 Resp: 642965

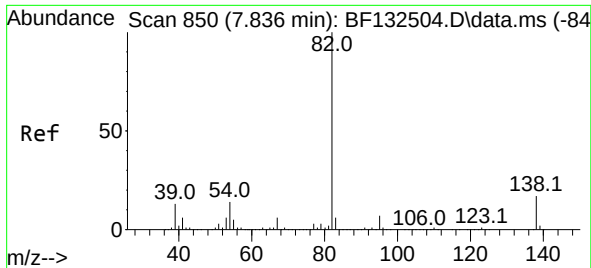
Ion Ratio Lower Upper

77 100

123 41.7 35.8 53.6

65 13.7 10.9 16.3





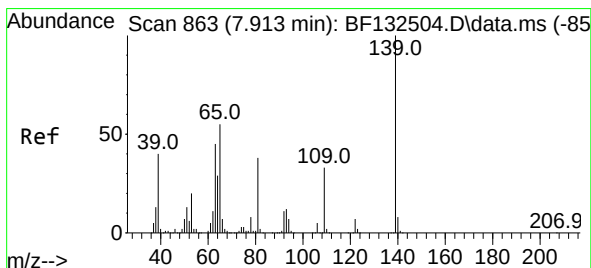
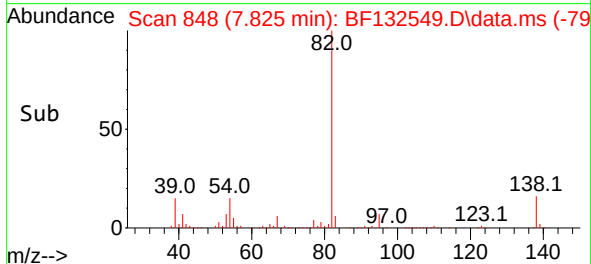
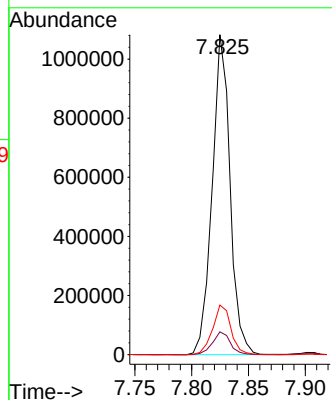
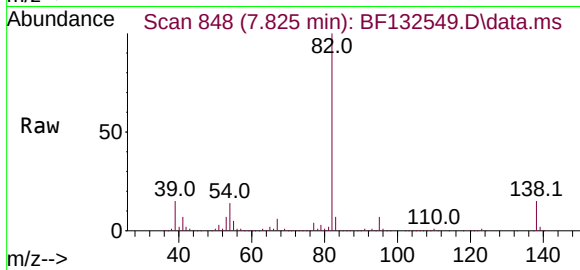
#25
Isophorone
Concen: 47.728 ng
RT: 7.825 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion: 82 Resp: 118763
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 15.5 13.3 19.9

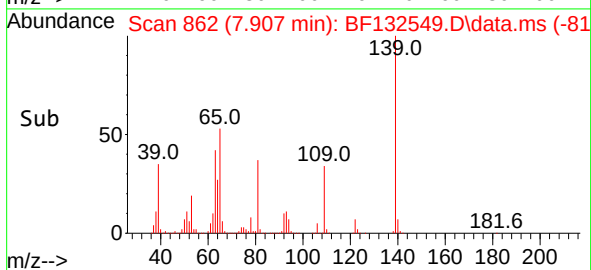
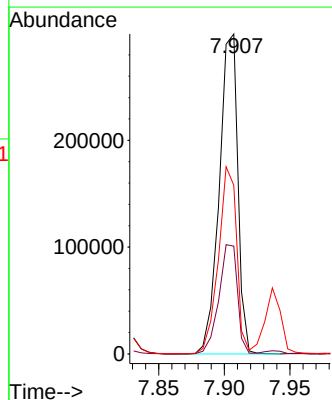
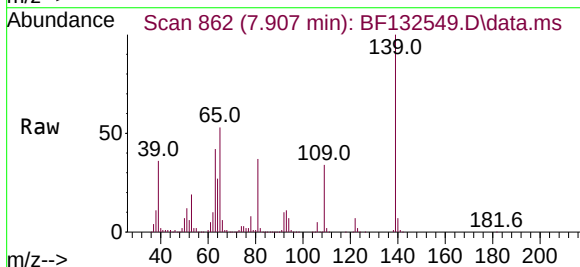
Manual Integrations
APPROVED

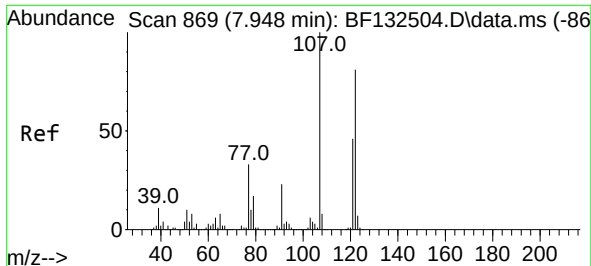
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#26
2-Nitrophenol
Concen: 48.416 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

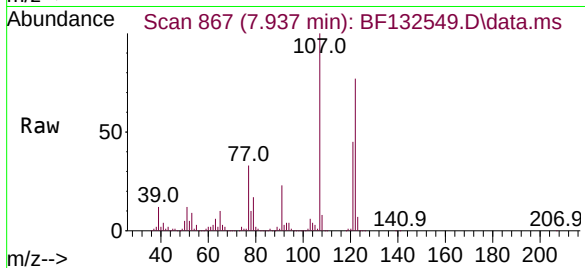
Tgt Ion:139 Resp: 296516
Ion Ratio Lower Upper
139 100
109 33.7 26.2 39.2
65 52.7 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 47.103 ng
RT: 7.937 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

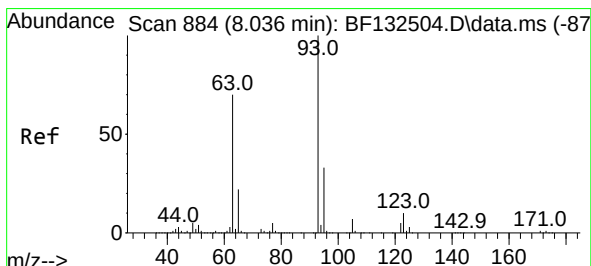
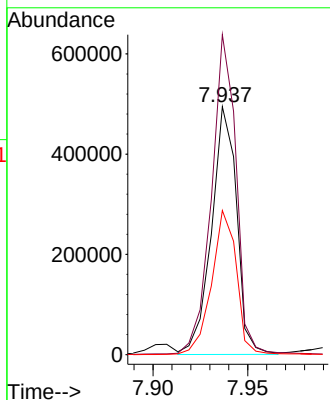
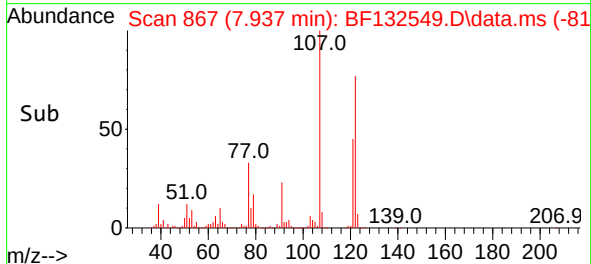
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:122 Resp: 455295
Ion Ratio Lower Upper
122 100
107 129.1 98.7 148.1
121 58.1 45.8 68.6

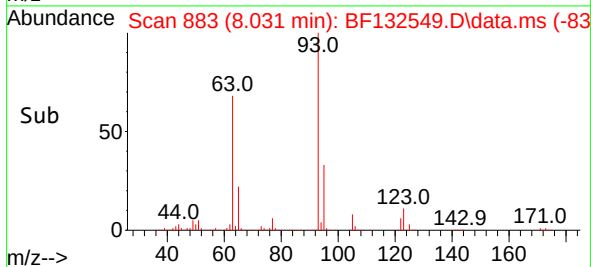
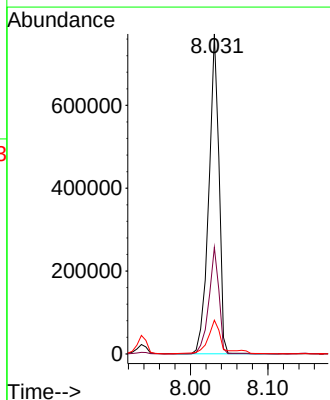
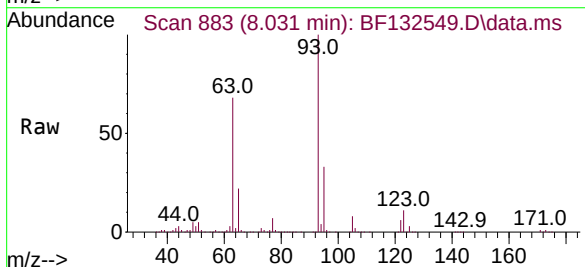
Manual Integrations
APPROVED

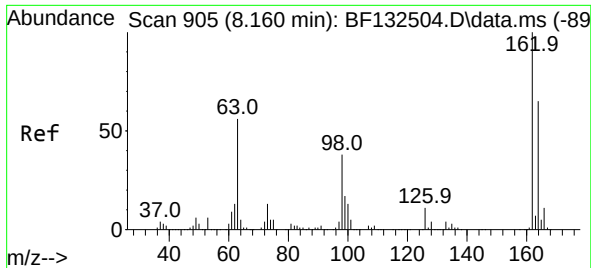
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.133 ng
RT: 8.031 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion: 93 Resp: 700637
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.495 ng

RT: 8.148 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

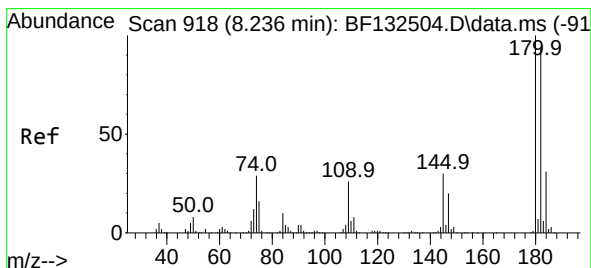
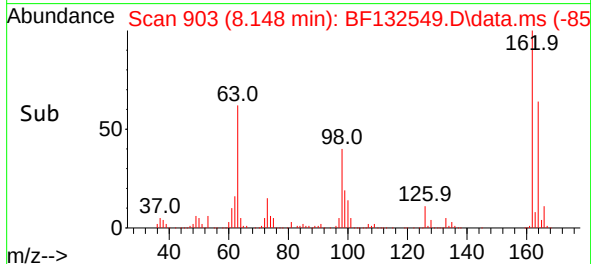
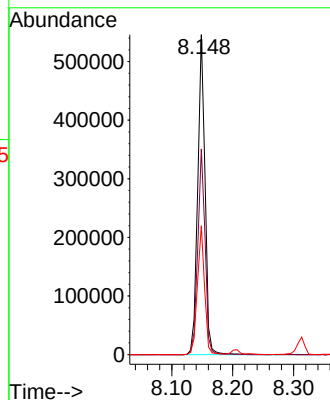
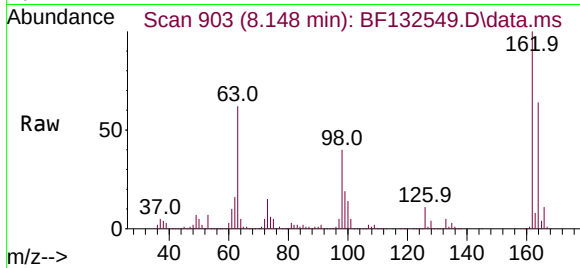
UGTMSD

Tgt Ion:162 Resp: 456674
 Ion Ratio Lower Upper
 162 100
 164 64.3 45.3 85.3
 98 40.3 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.470 ng

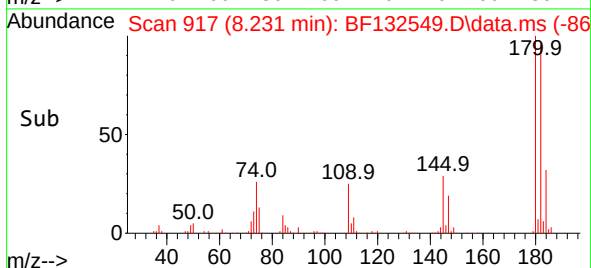
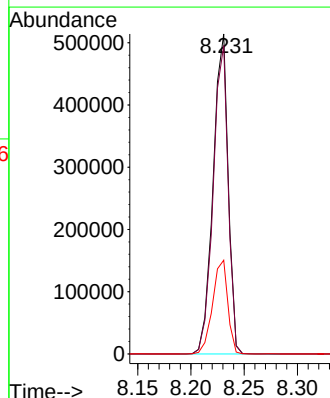
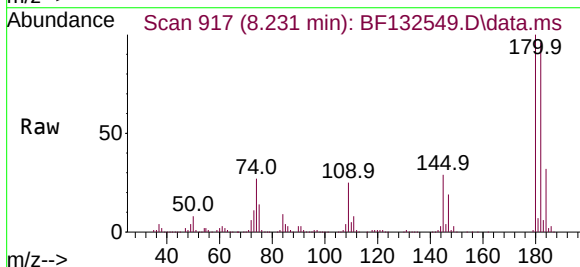
RT: 8.231 min Scan# 917

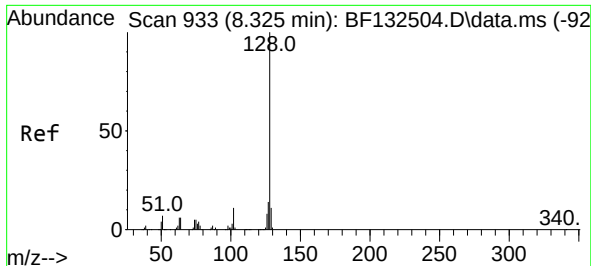
Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

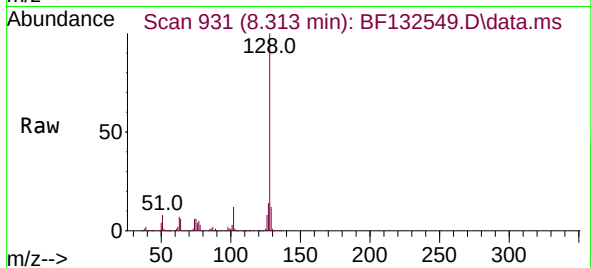
Tgt Ion:180 Resp: 506065
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.1 112.7
 145 29.3 23.8 35.6





#31
Naphthalene
Concen: 46.045 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

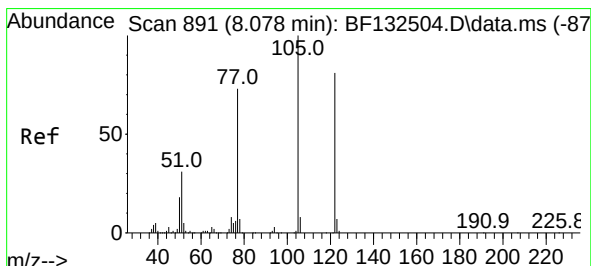
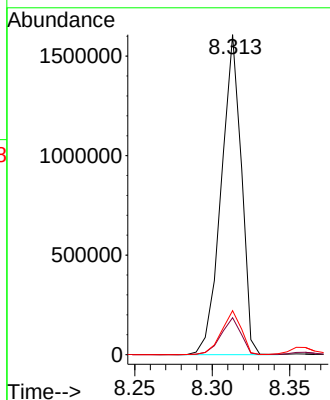
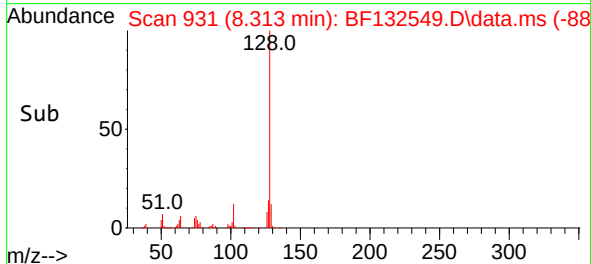
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:128 Resp: 1451508
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6

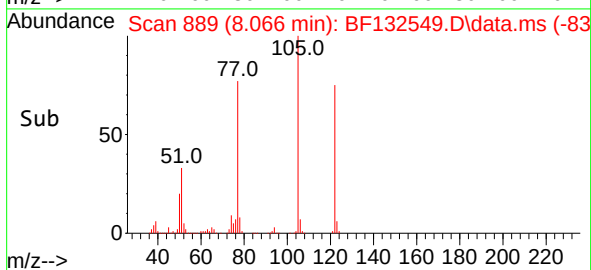
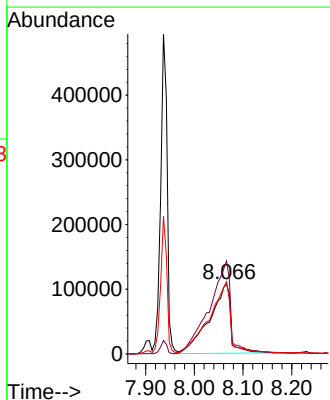
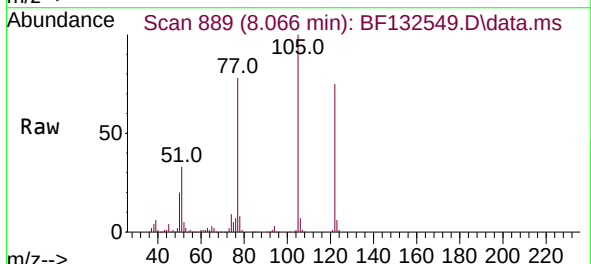
Manual Integrations
APPROVED

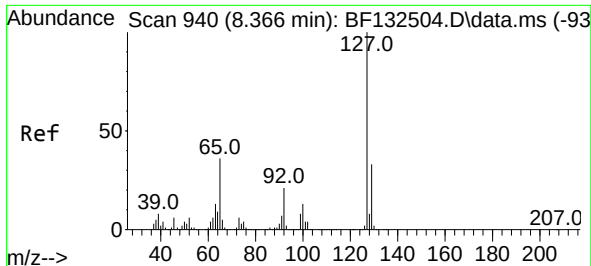
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#32
Benzoic acid
Concen: 43.709 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:122 Resp: 330094
Ion Ratio Lower Upper
122 100
105 132.6 102.6 142.6
77 103.0 70.2 110.2





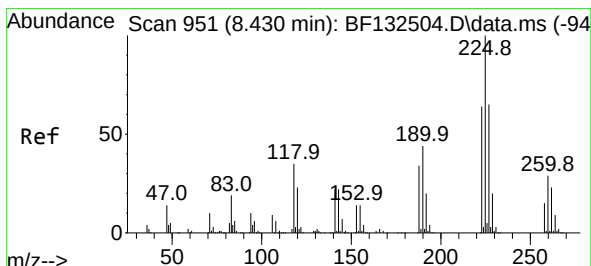
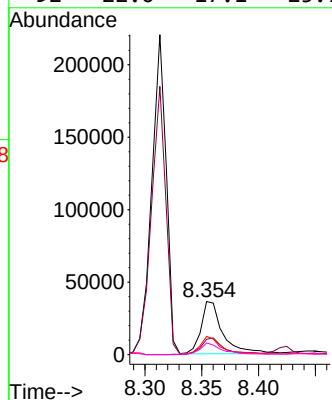
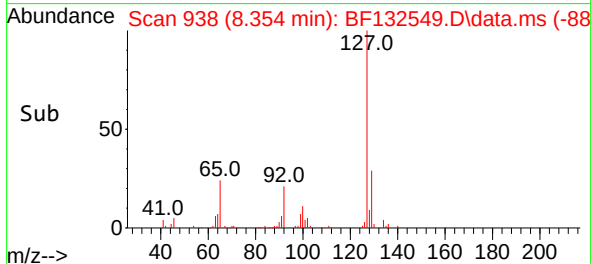
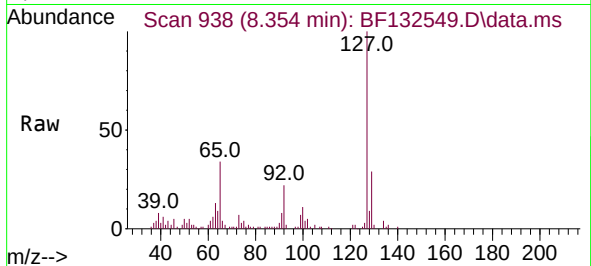
#33
4-Chloroaniline
Concen: 3.539 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion:	127	Resp:	47812
Ion Ratio	Lower	Upper	
127	100		
129	28.7	26.4	39.6
65	34.3	28.8	43.2
92	22.0	17.1	25.7

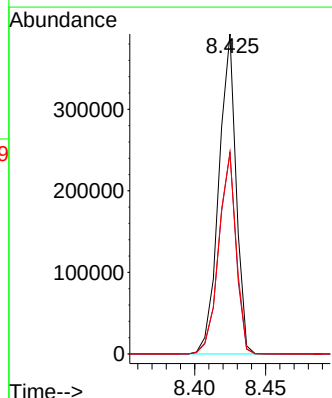
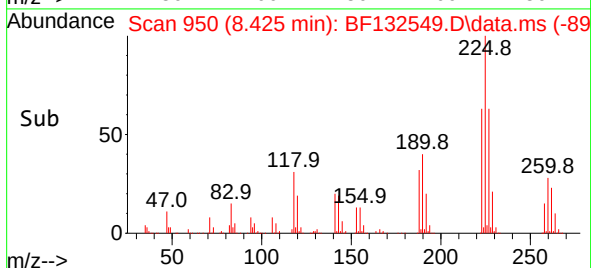
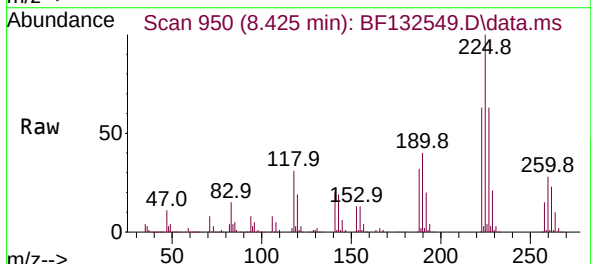
Manual Integrations
APPROVED

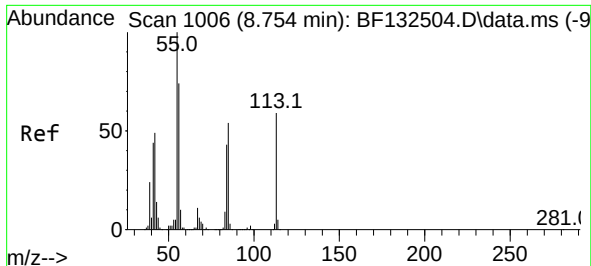
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#34
Hexachlorobutadiene
Concen: 50.112 ng
RT: 8.425 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

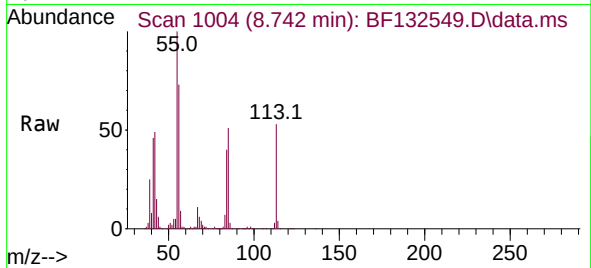
Tgt Ion:	225	Resp:	332474
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.0	76.4
227	62.7	51.7	77.5





#35
Caprolactam
Concen: 42.515 ng m
RT: 8.742 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

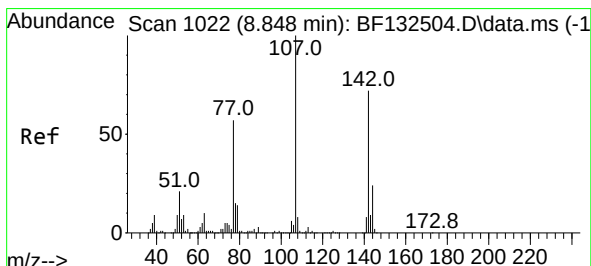
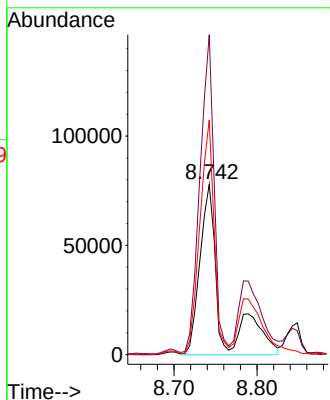
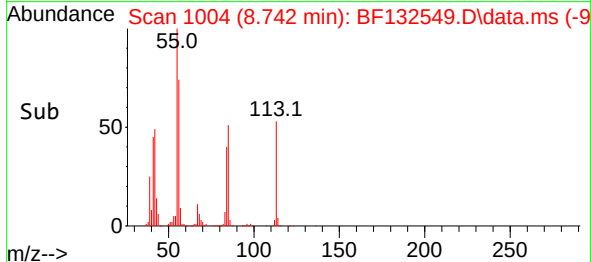
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:113 Resp: 13477
Ion Ratio Lower Upper
113 100
55 187.9 149.4 189.4
56 137.7 105.0 145.0

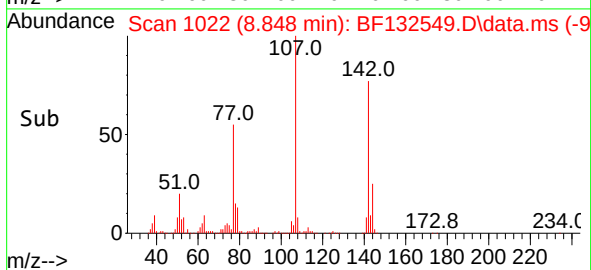
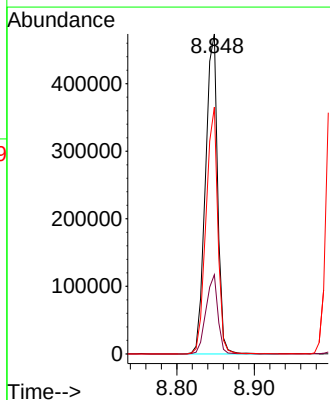
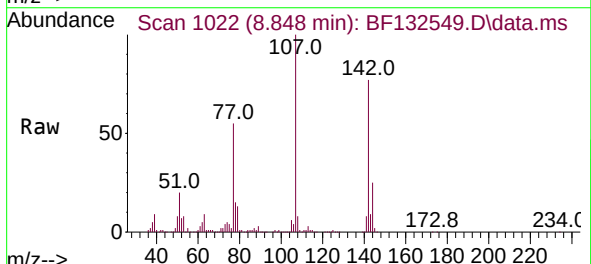
Manual Integrations
APPROVED

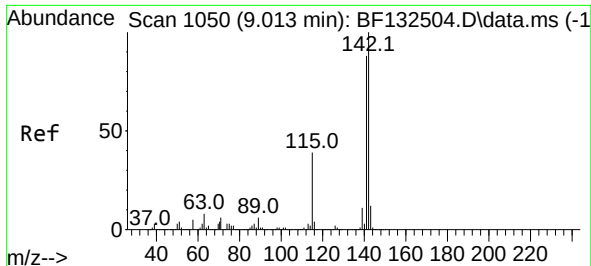
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#36
4-Chloro-3-methylphenol
Concen: 48.914 ng
RT: 8.848 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:107 Resp: 516514
Ion Ratio Lower Upper
107 100
144 24.7 18.9 28.3
142 77.1 57.9 86.9





#37

2-Methylnaphthalene

Concen: 45.832 ng

RT: 9.007 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion:142 Resp: 984614

Ion Ratio Lower Upper

142 100

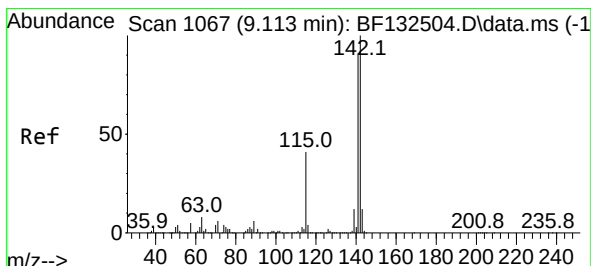
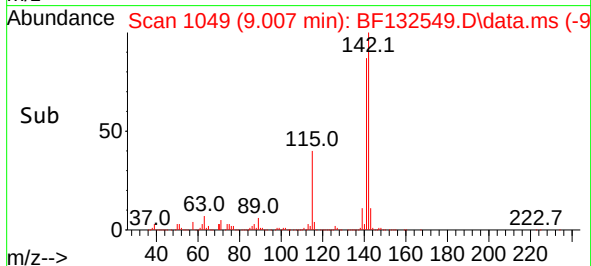
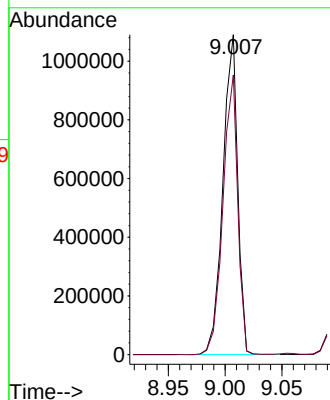
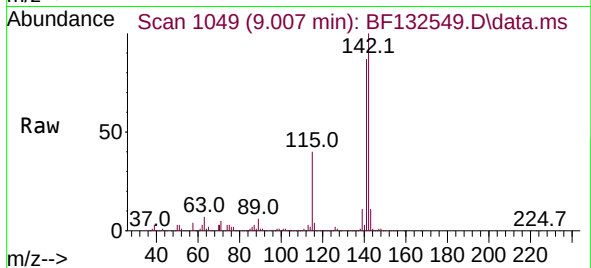
141 87.4 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#38

1-Methylnaphthalene

Concen: 45.580 ng

RT: 9.107 min Scan# 1066

Delta R.T. 0.000 min

Lab File: BF132549.D

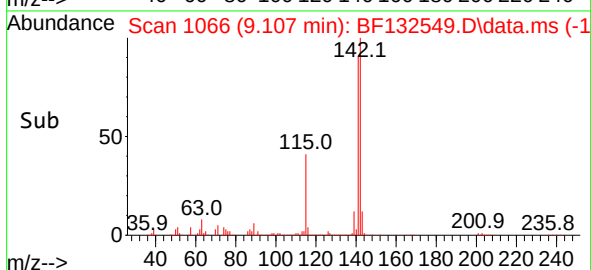
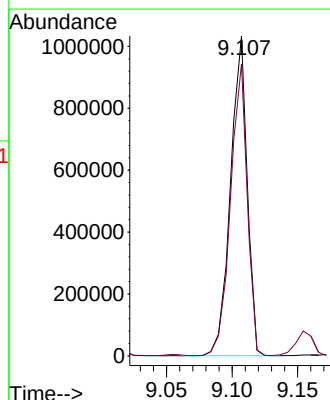
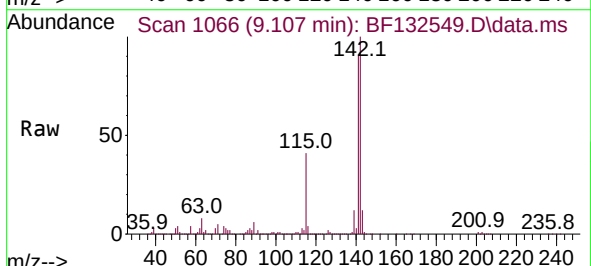
Acq: 27 Feb 2023 13:18

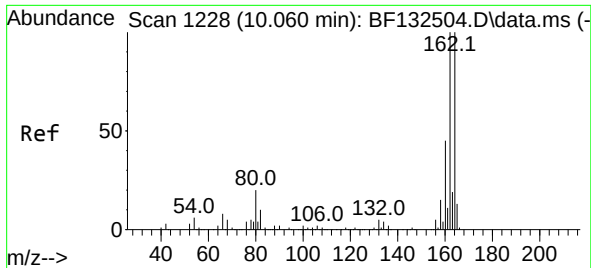
Tgt Ion:142 Resp: 915096

Ion Ratio Lower Upper

142 100

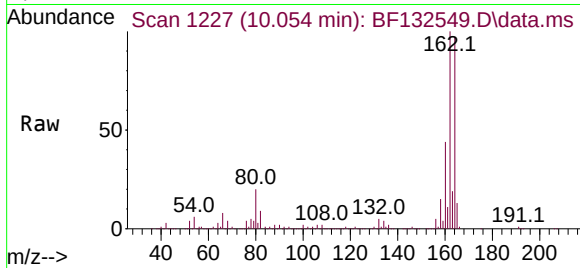
141 91.2 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

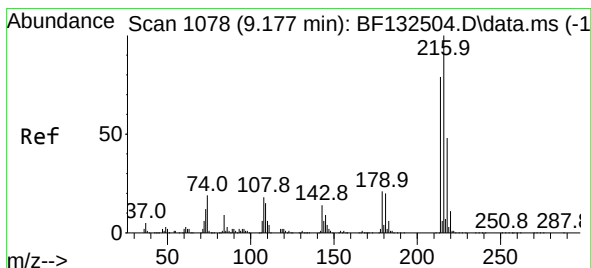
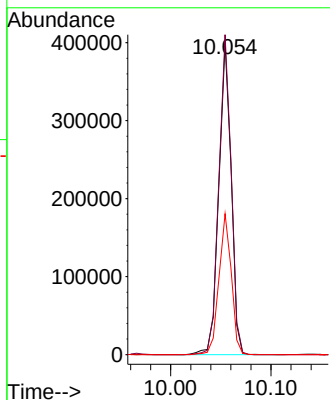
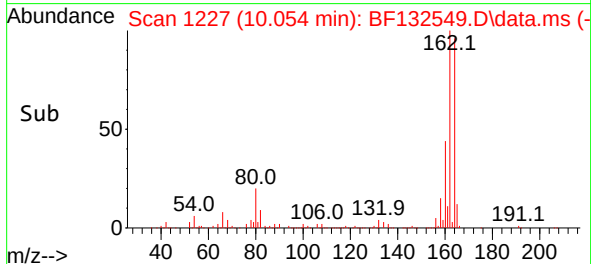
Instrument :
BNA_F
ClientSampleId :
UGTMSD



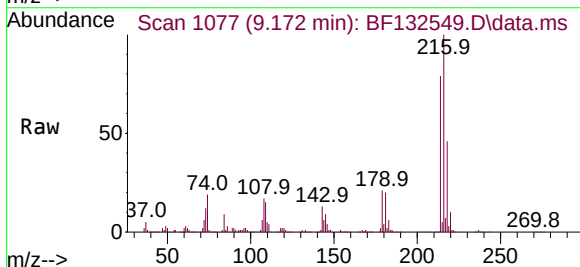
Tgt Ion:164 Resp: 343949
Ion Ratio Lower Upper
164 100
162 102.8 79.8 119.8
160 45.3 35.8 53.6

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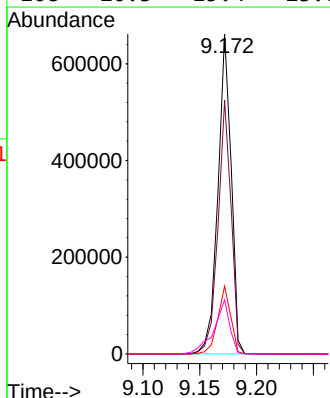
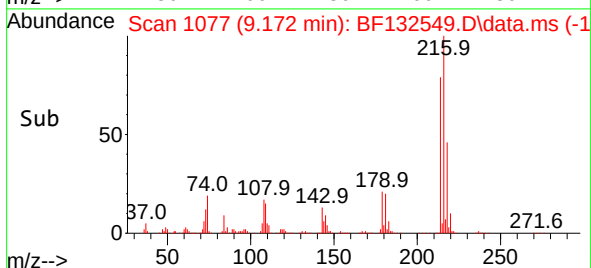
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

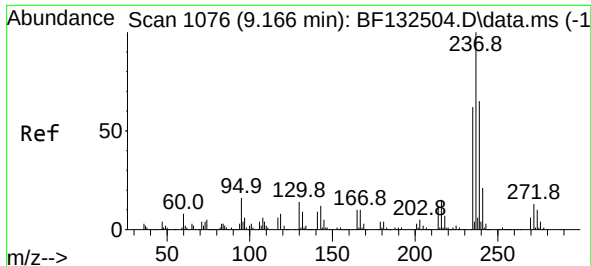


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.495 ng
RT: 9.172 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



Tgt Ion:216 Resp: 534474
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.8 16.6 24.8
108 20.3 15.4 23.0





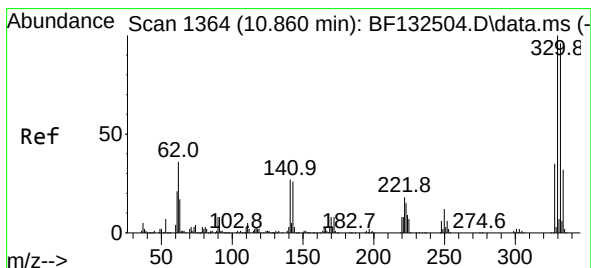
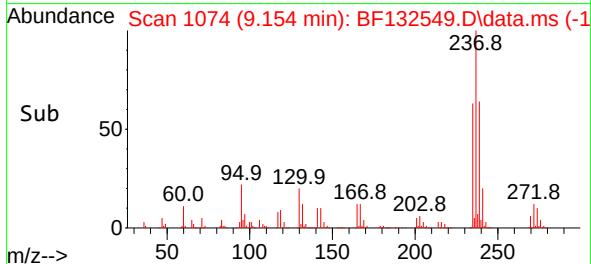
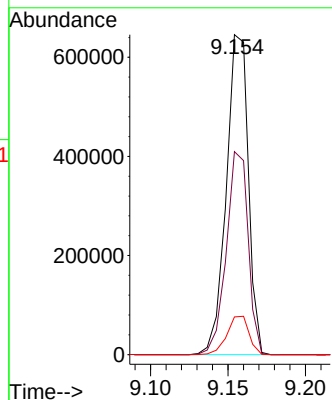
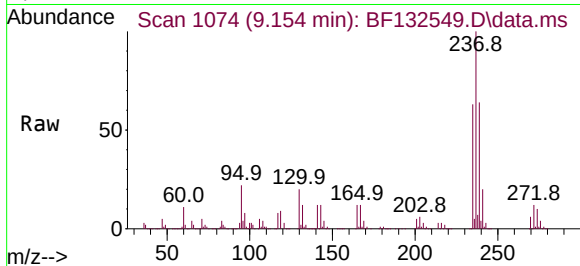
#41
Hexachlorocyclopentadiene
Concen: 104.873 ng
RT: 9.154 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion: 237 Resp: 640105
Ion Ratio Lower Upper
237 100
235 63.4 42.4 82.4
272 11.8 0.0 32.7

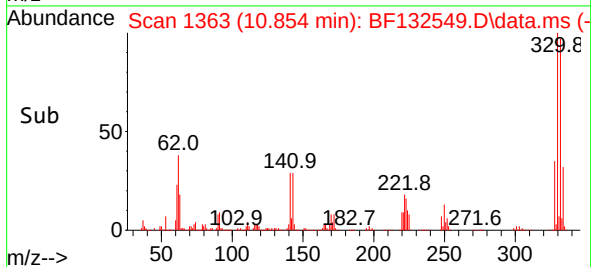
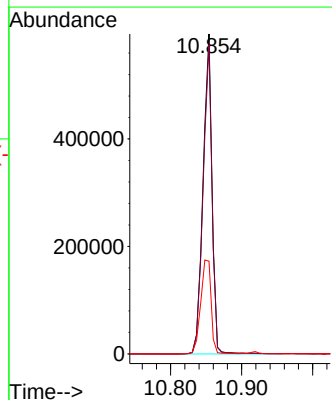
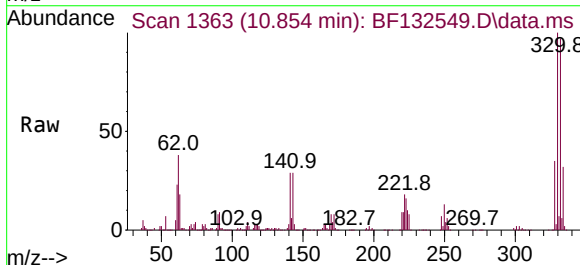
Manual Integrations
APPROVED

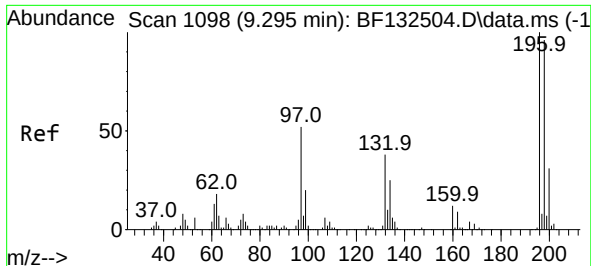
Reviewed By : Yogesh Patel 02/28/2023
Supervised By : Jagrut Upadhyay 02/28/2023



#42
2,4,6-Tribromophenol
Concen: 139.831 ng
RT: 10.854 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion: 330 Resp: 519404
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.2 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 47.902 ng

RT: 9.284 min Scan# 1098

Delta R.T. 0.000 min

Lab File: BF132549.D

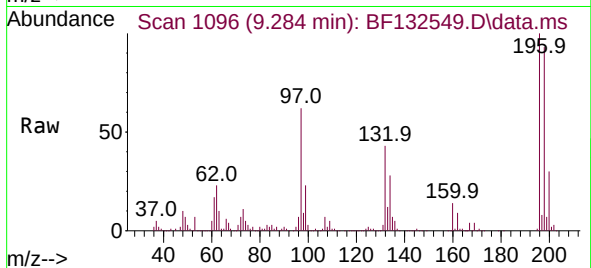
Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD



Tgt Ion:196 Resp: 365310

Ion Ratio Lower Upper

196 100

198 93.2 77.1 115.7

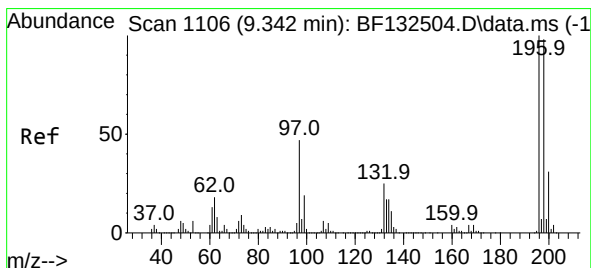
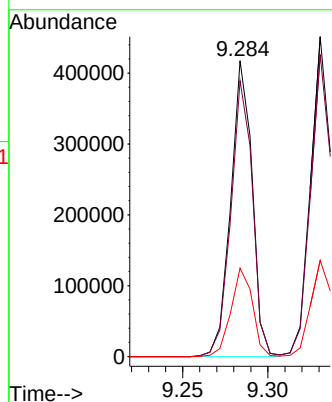
200 29.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#44

2,4,5-Trichlorophenol

Concen: 43.681 ng

RT: 9.331 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Tgt Ion:196 Resp: 388797

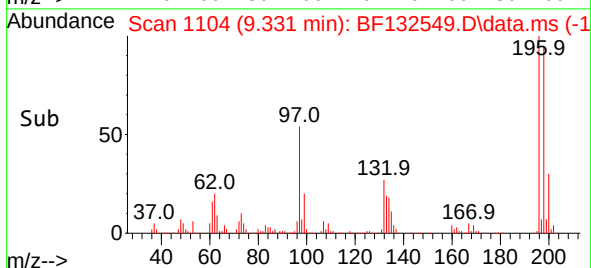
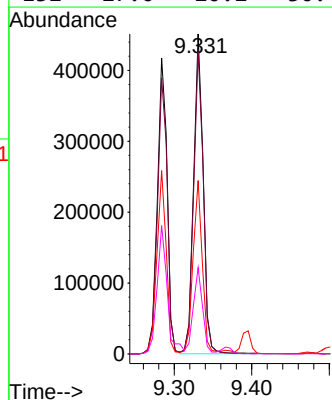
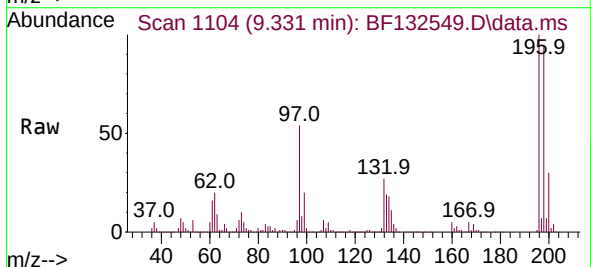
Ion Ratio Lower Upper

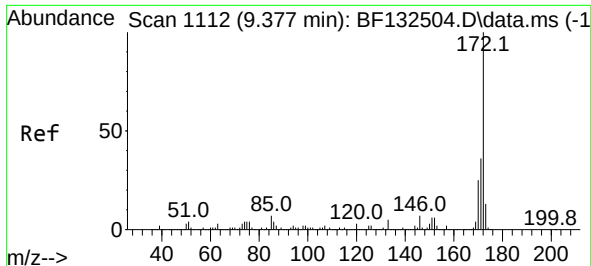
196 100

198 94.4 78.3 117.5

97 54.2 38.1 57.1

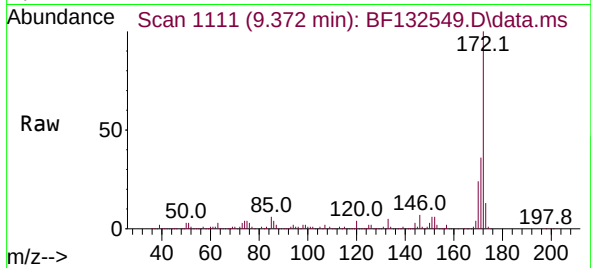
132 27.0 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 81.500 ng
RT: 9.372 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

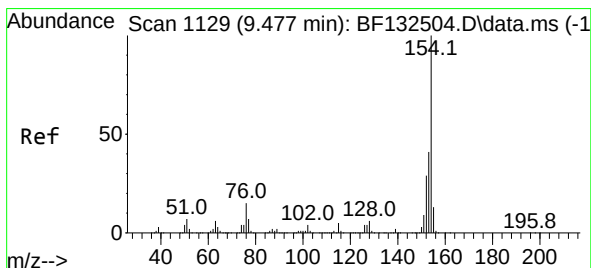
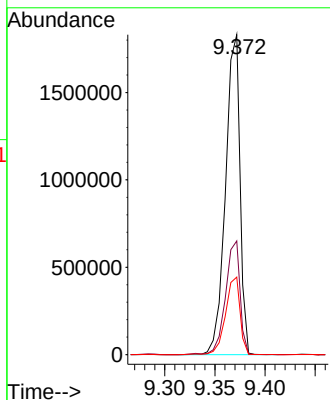
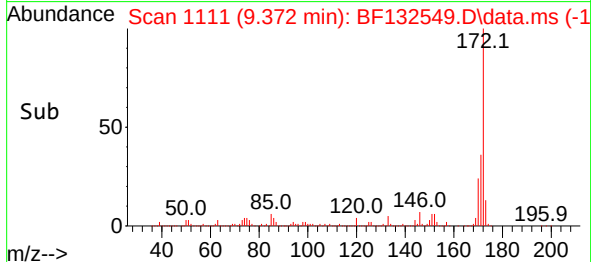
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:172 Resp: 1840983
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.2 19.7 29.5

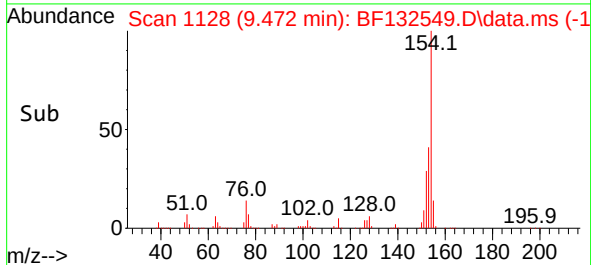
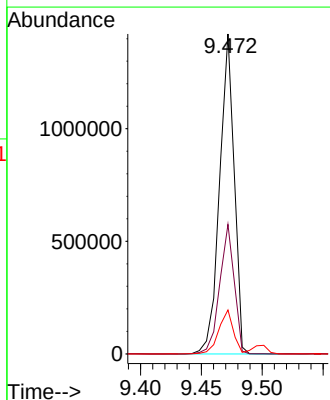
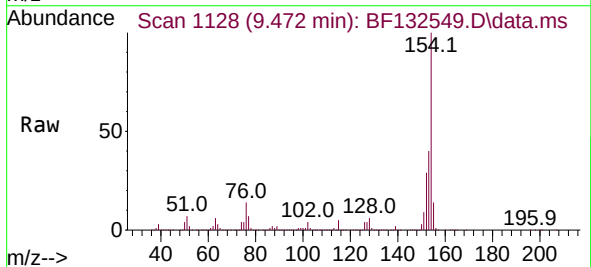
Manual Integrations
APPROVED

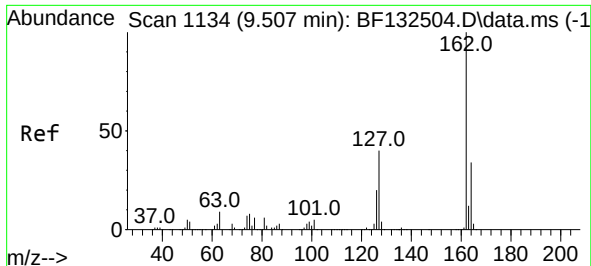
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#46
1,1'-Biphenyl
Concen: 45.602 ng
RT: 9.472 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:154 Resp: 1187145
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 46.713 ng

RT: 9.501 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

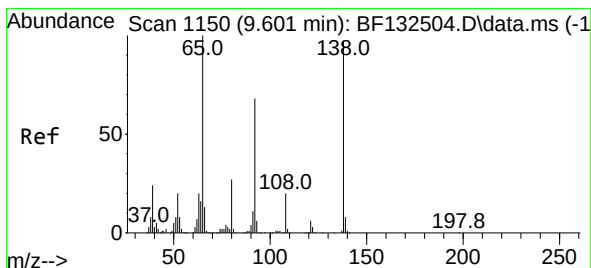
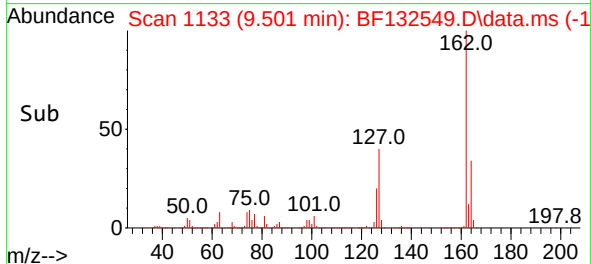
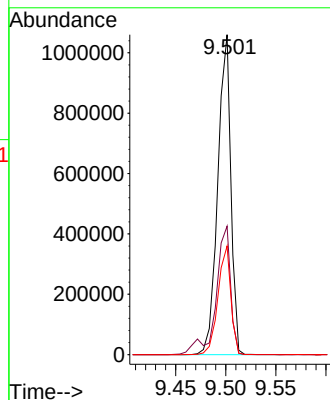
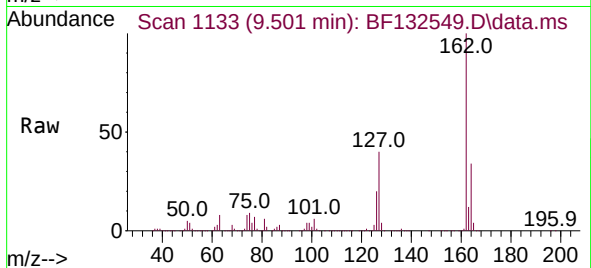
Tgt Ion:162 Resp: 964156
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.3 48.5
 164 33.9 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#48

2-Nitroaniline

Concen: 45.000 ng

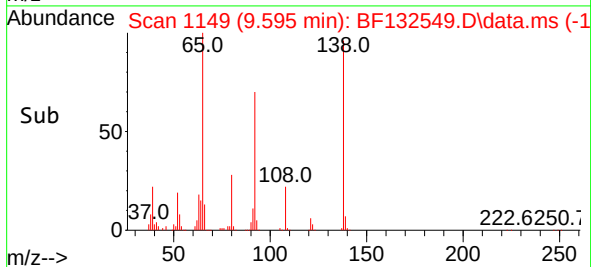
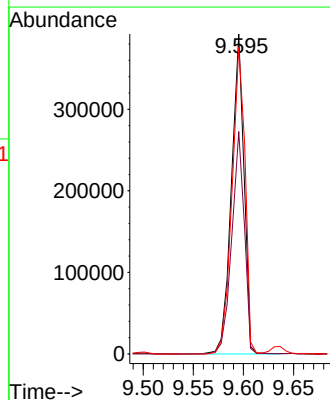
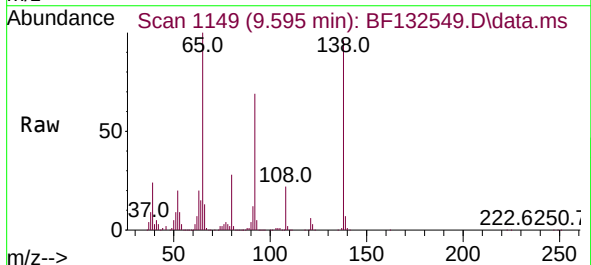
RT: 9.595 min Scan# 1149

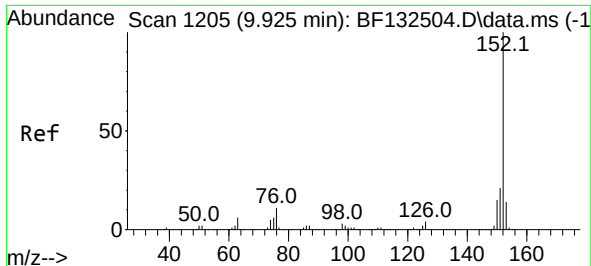
Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Tgt Ion: 65 Resp: 342083
 Ion Ratio Lower Upper
 65 100
 92 69.5 54.5 81.7
 138 95.8 77.2 115.8





#49

Acenaphthylene

Concen: 44.996 ng

RT: 9.919 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF132549.D

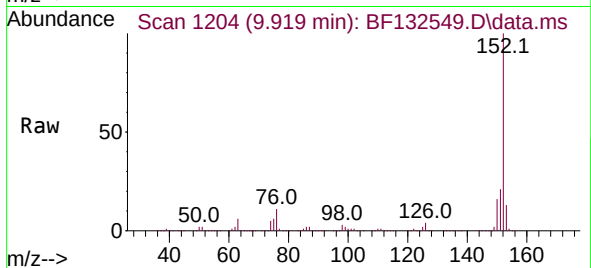
Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD



Tgt Ion:152 Resp: 1478088

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

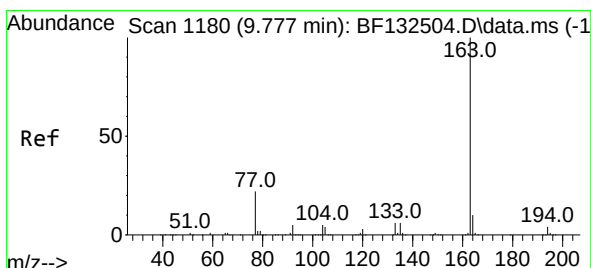
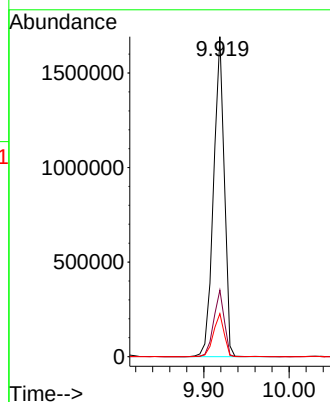
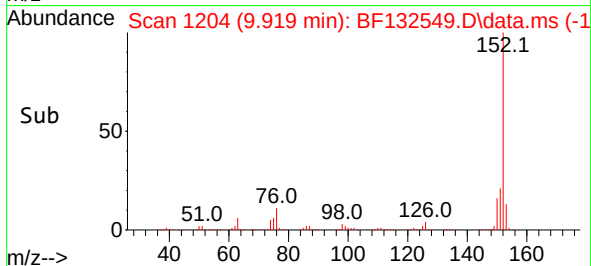
153 13.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#50

Dimethylphthalate

Concen: 47.731 ng

RT: 9.772 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

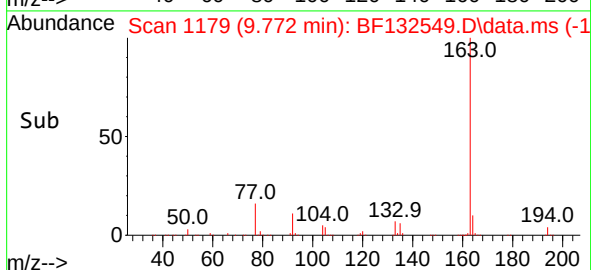
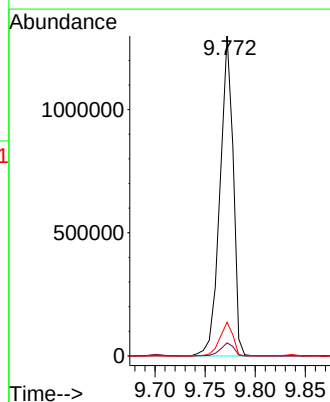
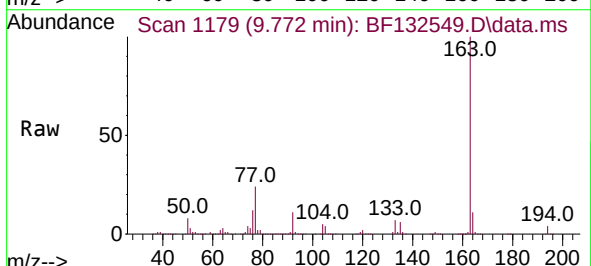
Tgt Ion:163 Resp: 1195360

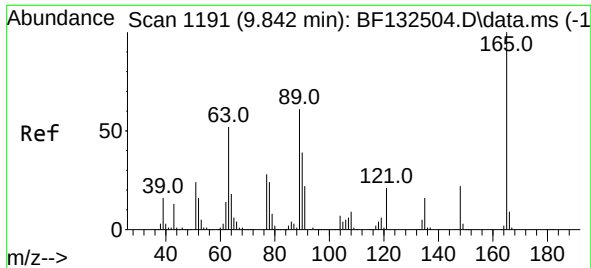
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.3 12.5





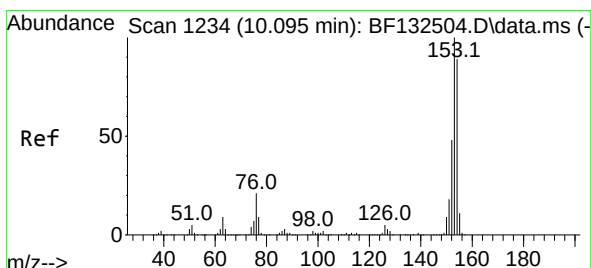
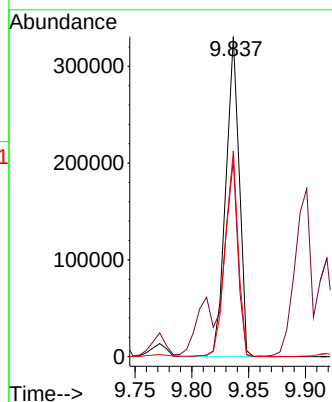
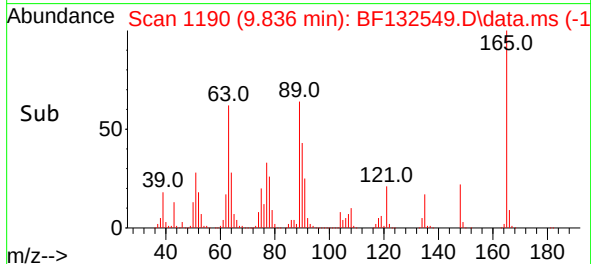
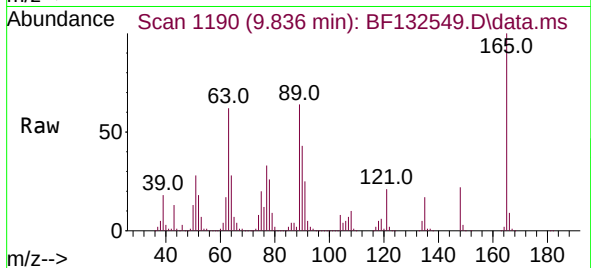
#51
2,6-Dinitrotoluene
Concen: 47.378 ng
RT: 9.836 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion:165 Resp: 270220
Ion Ratio Lower Upper
165 100
63 61.6 47.3 70.9
89 64.3 48.9 73.3

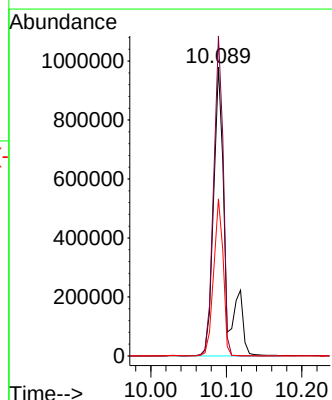
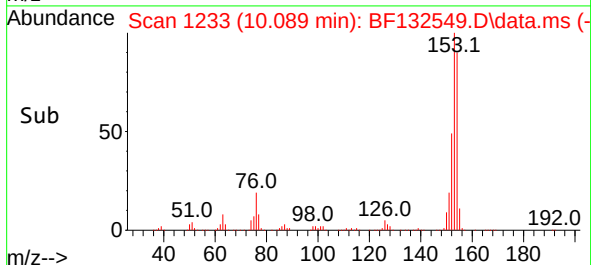
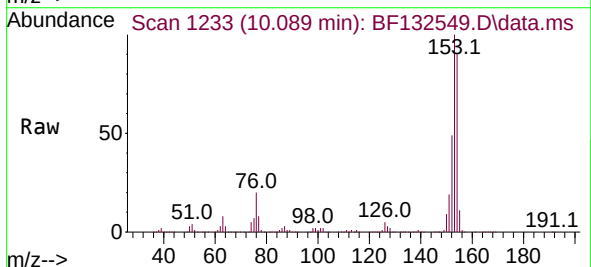
Manual Integrations
APPROVED

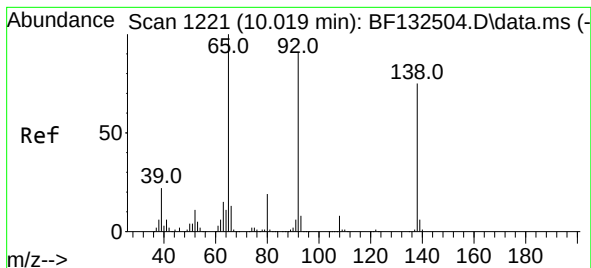
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#52
Acenaphthene
Concen: 51.429 ng m
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

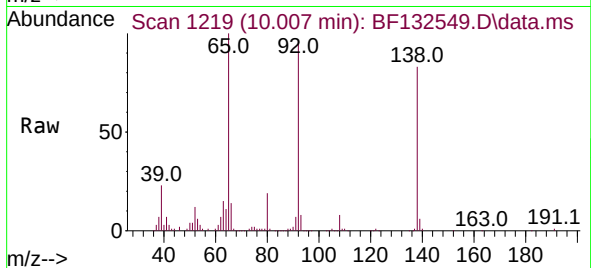
Tgt Ion:154 Resp: 1072745
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.8
152 54.5 43.3 64.9





#53
3-Nitroaniline
Concen: 15.739 ng
RT: 10.007 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

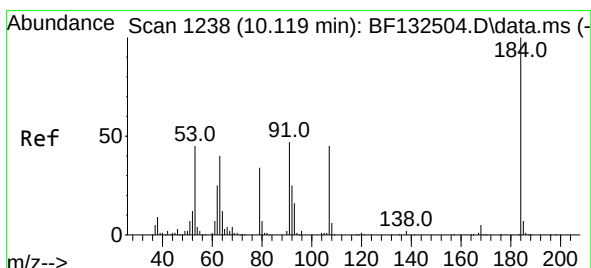
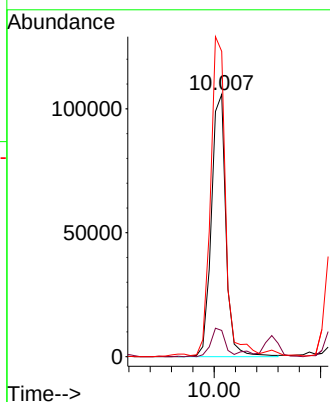
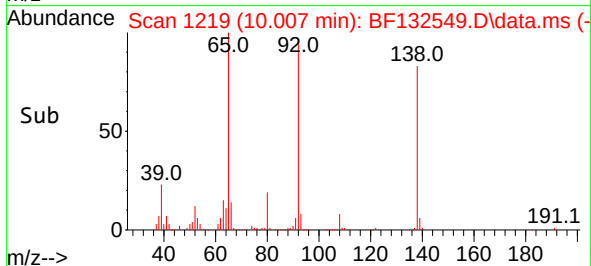
Instrument :
BNA_F
ClientSampleId :
UGTMSD



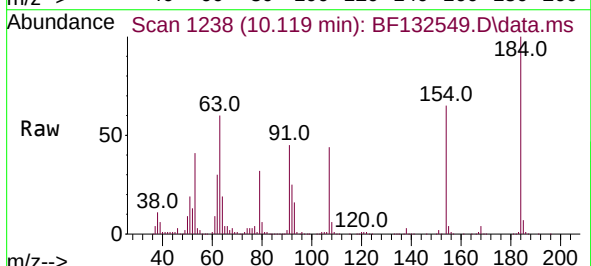
Tgt Ion:138 Resp: 100417
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 116.4 97.2 145.8

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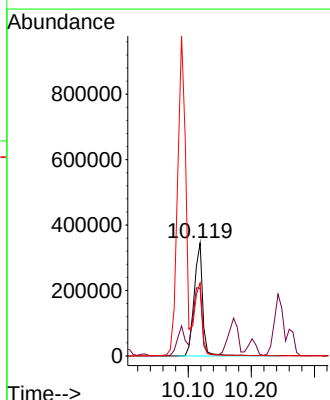
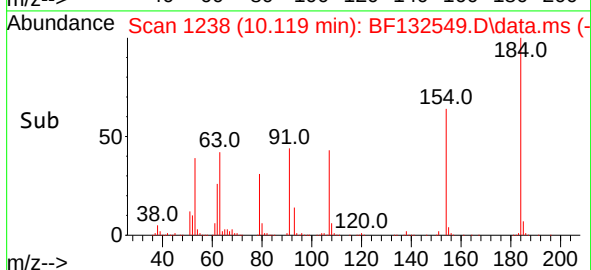
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

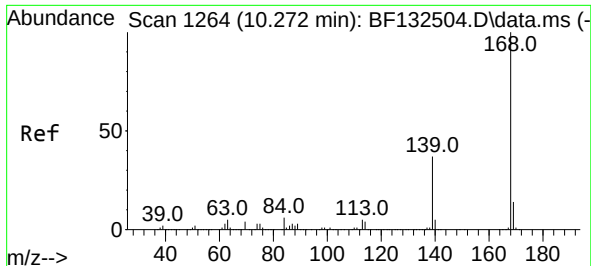


#54
2,4-Dinitrophenol
Concen: 90.350 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



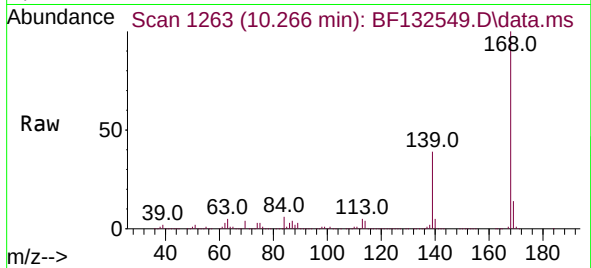
Tgt Ion:184 Resp: 325607
Ion Ratio Lower Upper
184 100
63 59.9 51.4 77.2
154 64.5 48.3 72.5





#55
Dibenzenofuran
Concen: 45.246 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

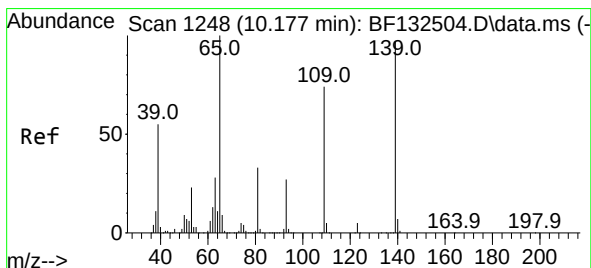
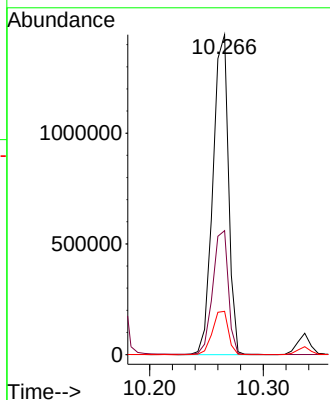
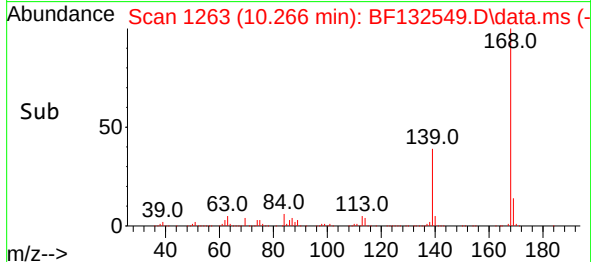
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:168 Resp: 1375868
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.6
169 13.5 10.9 16.3

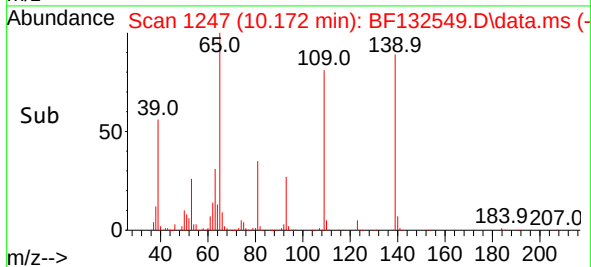
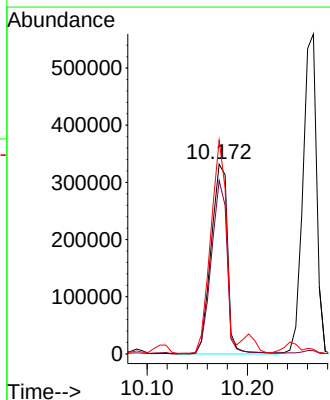
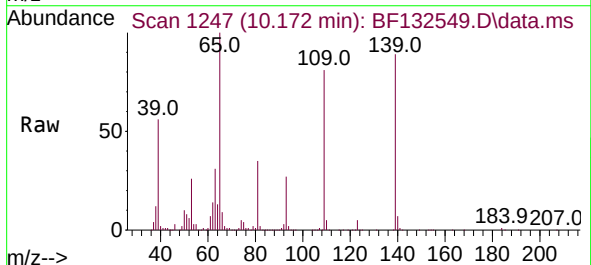
Manual Integrations
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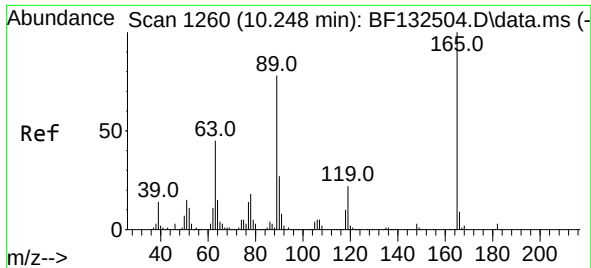
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#56
4-Nitrophenol
Concen: 79.717 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:139 Resp: 379296
Ion Ratio Lower Upper
139 100
109 91.3 56.7 96.7
65 112.7 83.5 123.5





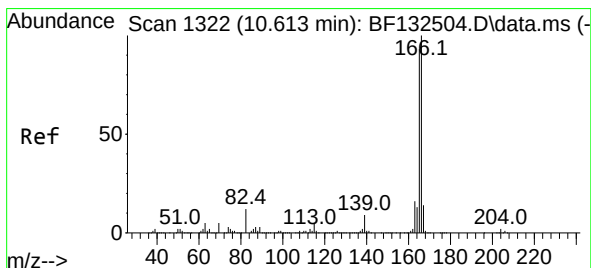
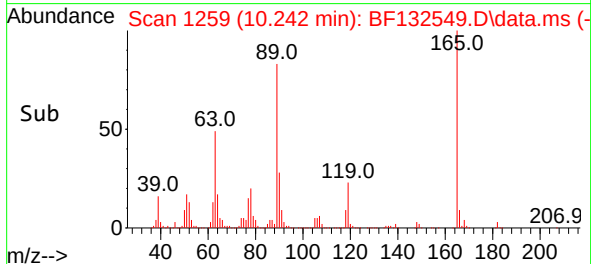
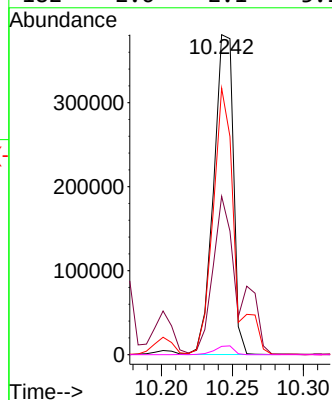
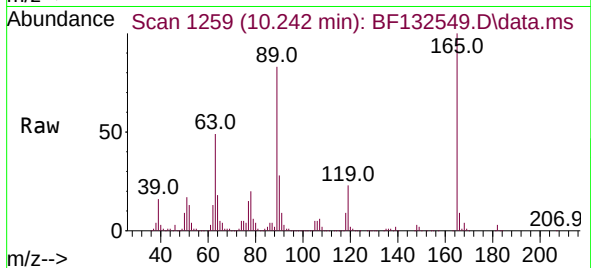
#57
2,4-Dinitrotoluene
Concen: 48.461 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion:165 Resp: 36770
Ion Ratio Lower Upper
165 100
63 49.5 36.5 54.7
89 83.3 62.4 93.6
182 2.6 2.1 3.1

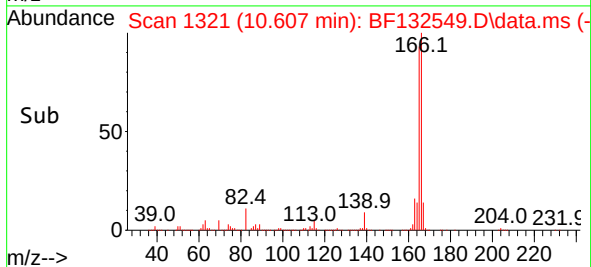
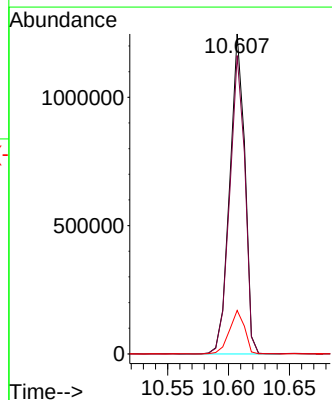
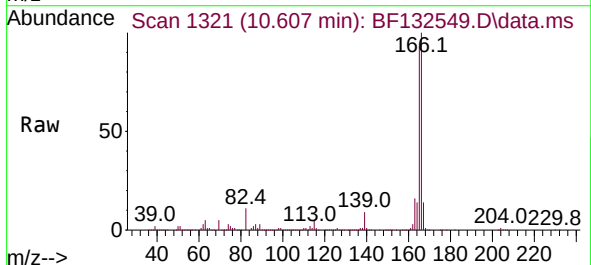
Manual Integrations
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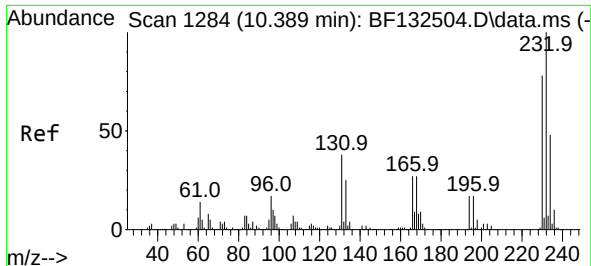
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#58
Fluorene
Concen: 45.973 ng
RT: 10.607 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

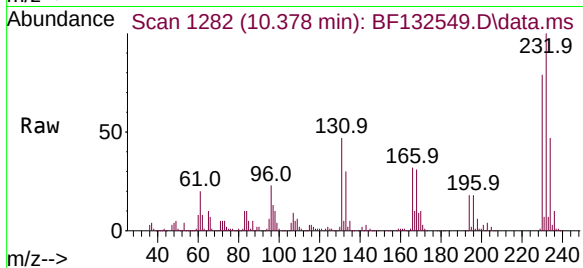
Tgt Ion:166 Resp: 1069320
Ion Ratio Lower Upper
166 100
165 93.2 74.2 111.4
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.231 ng
RT: 10.378 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

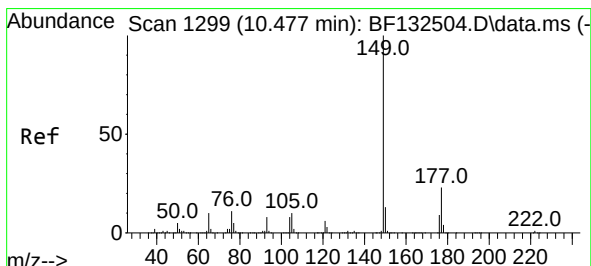
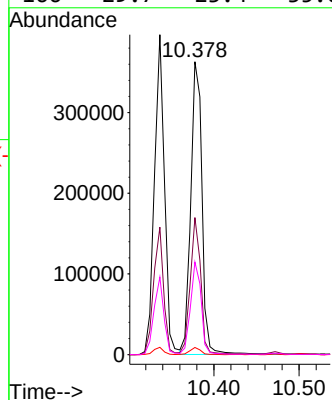
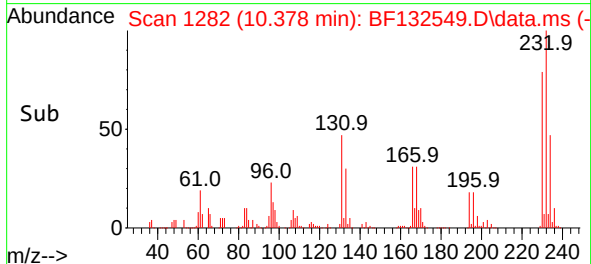
Instrument :
BNA_F
Client SampleId :
UGTMSD



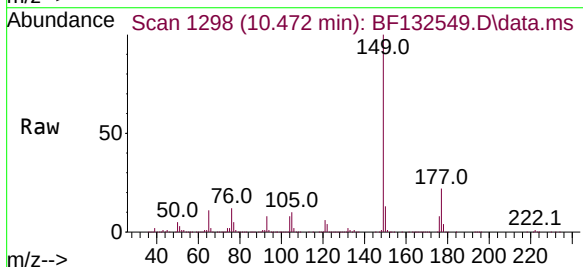
Tgt Ion:232 Resp: 332126
Ion Ratio Lower Upper
232 100
131 43.8 33.8 50.8
130 2.3 1.7 2.5
166 29.7 23.4 35.0

Manual Integrations
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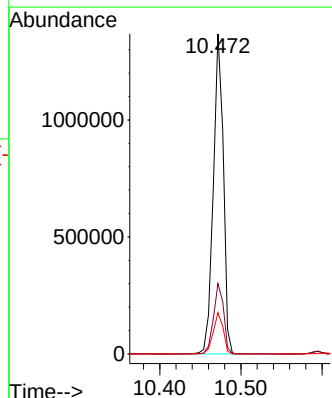
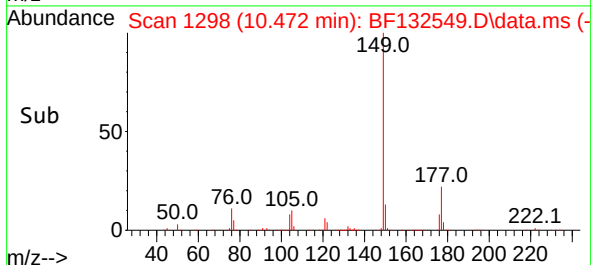
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

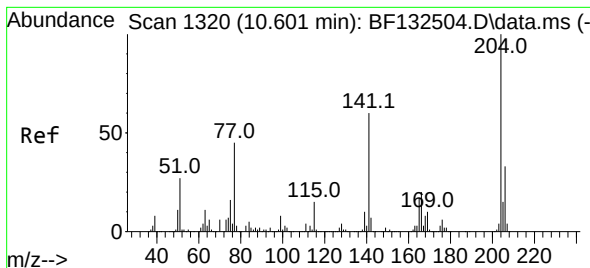


#60
Diethylphthalate
Concen: 48.159 ng
RT: 10.472 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



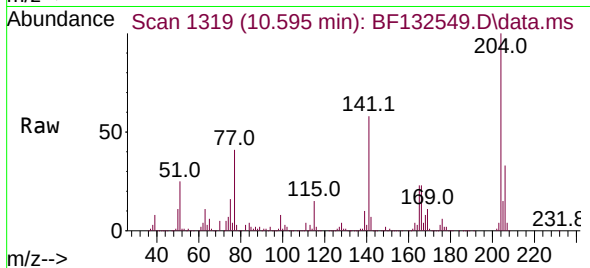
Tgt Ion:149 Resp: 1177914
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.683 ng
RT: 10.595 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

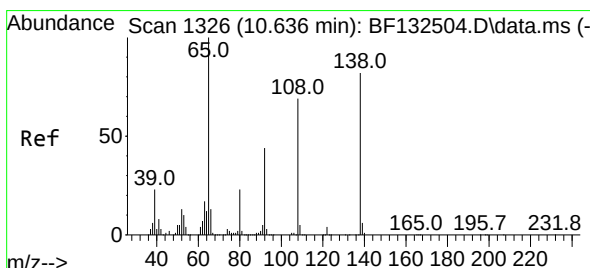
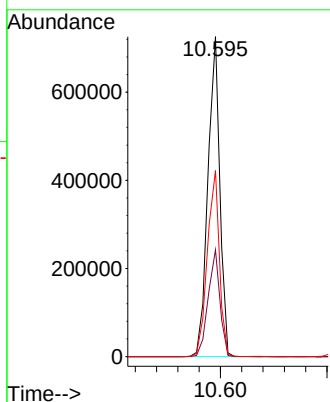
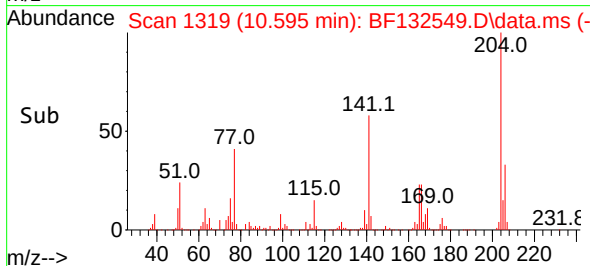
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:204 Resp: 563297
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 58.1 47.8 71.8

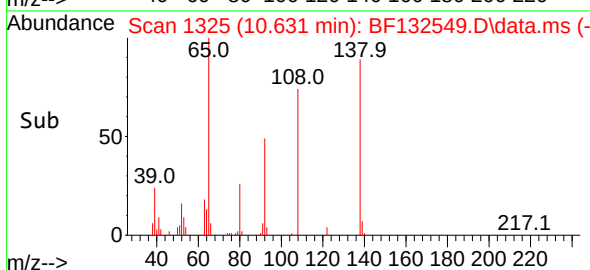
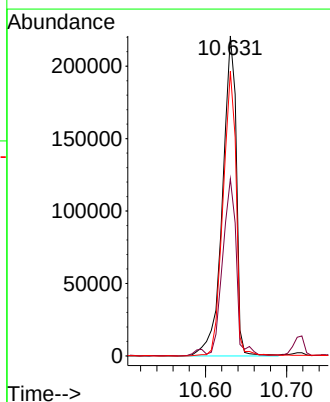
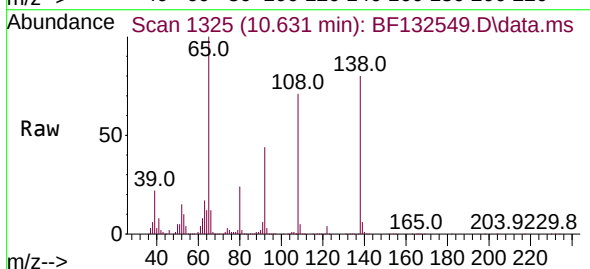
Manual Integrations
APPROVED

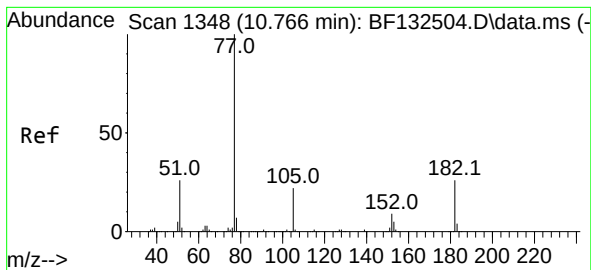
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#62
4-Nitroaniline
Concen: 41.608 ng
RT: 10.631 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

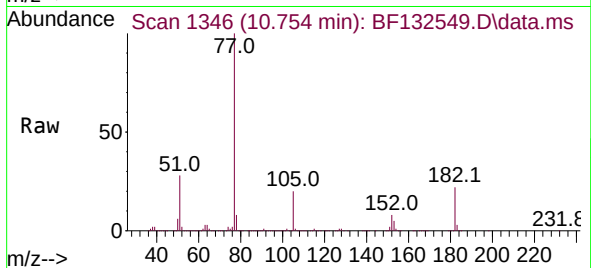
Tgt Ion:138 Resp: 260581
Ion Ratio Lower Upper
138 100
92 55.3 33.8 73.8
108 88.9 63.7 103.7





#63
Azobenzene
Concen: 47.339 ng
RT: 10.754 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

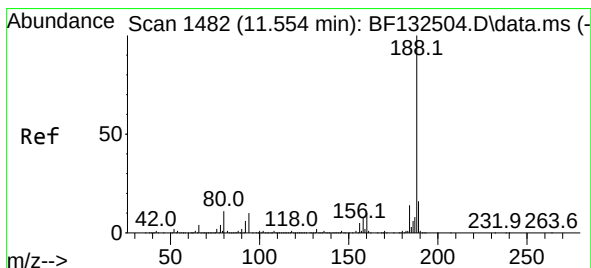
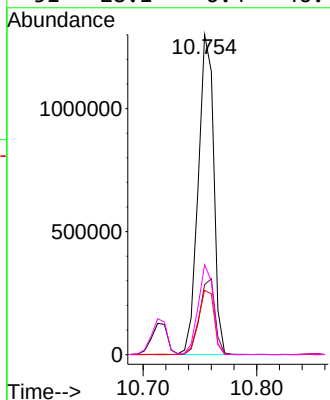
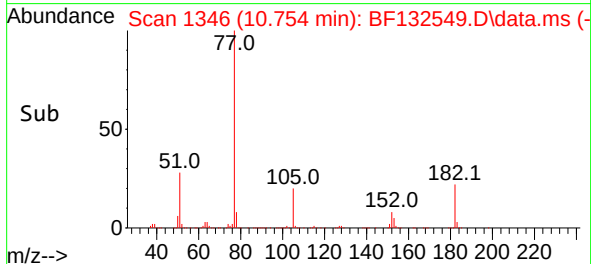
Instrument :
BNA_F
ClientSampleId :
UGTMSD



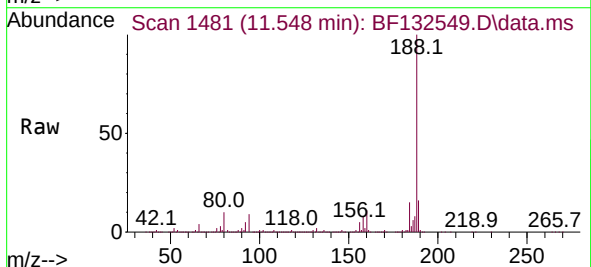
Tgt Ion: 77 Resp: 122626
Ion Ratio Lower Upper
77 100
182 21.8 5.5 45.5
105 20.1 1.8 41.8
51 28.1 6.4 46.4

Manual Integrations
APPROVED

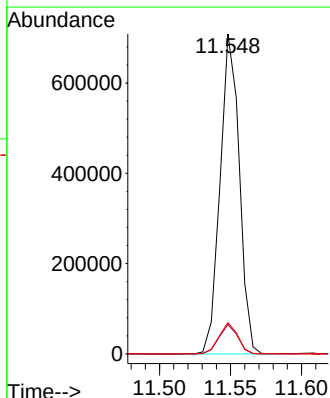
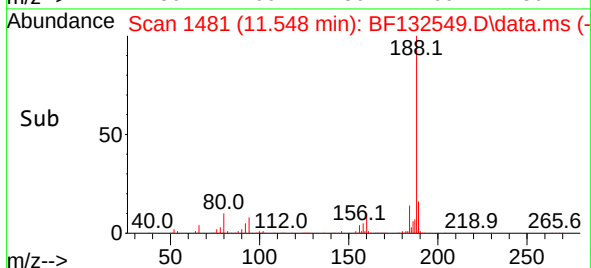
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

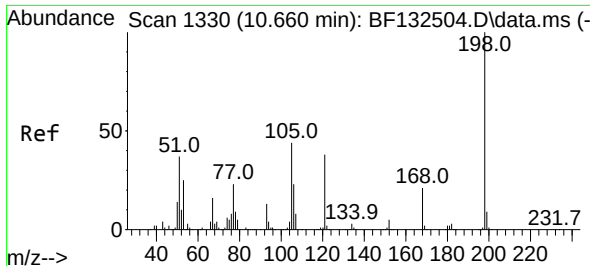


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



Tgt Ion:188 Resp: 666548
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.8 8.7 13.1





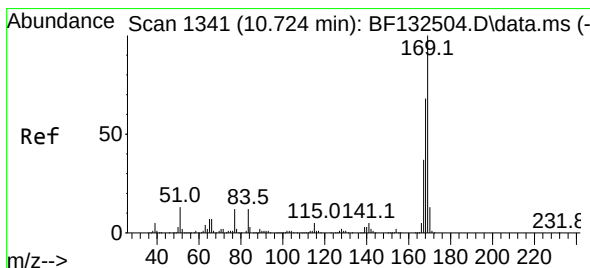
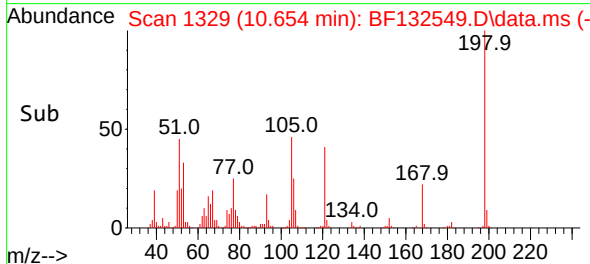
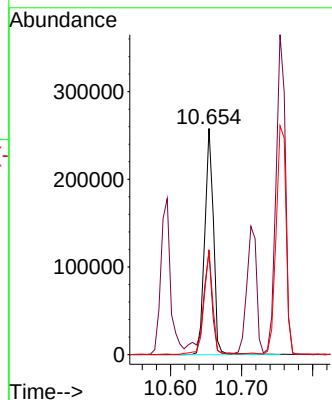
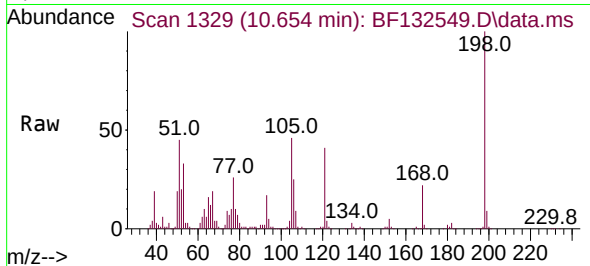
#65
4,6-Dinitro-2-methylphenol
Concen: 48.354 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion:198 Resp: 218183
Ion Ratio Lower Upper
198 100
51 45.5 20.6 60.6
105 46.4 24.3 64.3

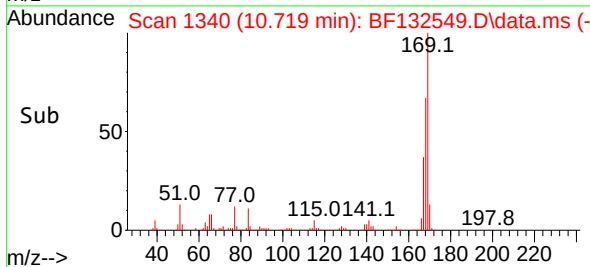
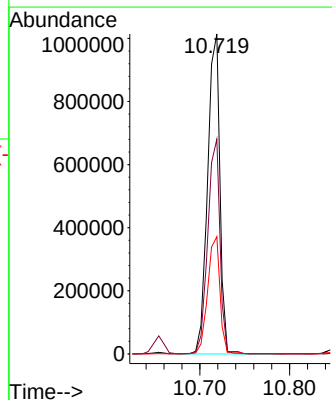
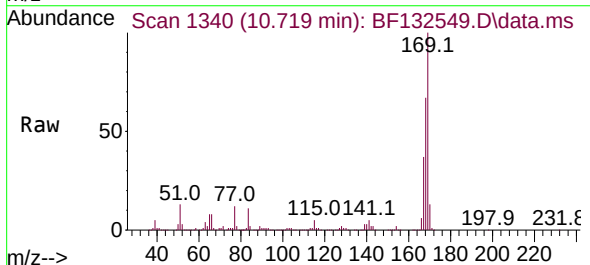
Manual Integrations
APPROVED

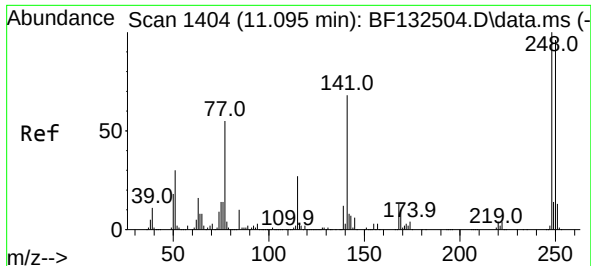
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#66
n-Nitrosodiphenylamine
Concen: 46.104 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

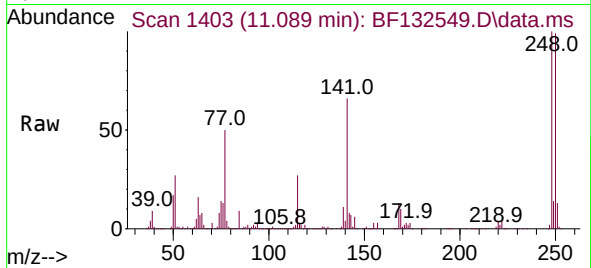
Tgt Ion:169 Resp: 958044
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 36.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 48.582 ng
RT: 11.089 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

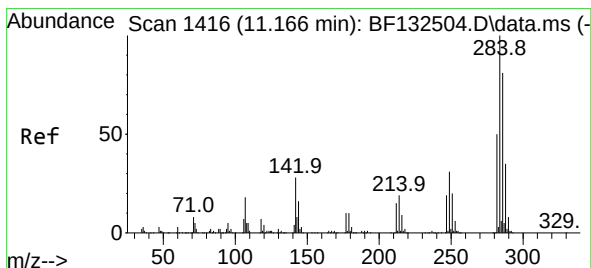
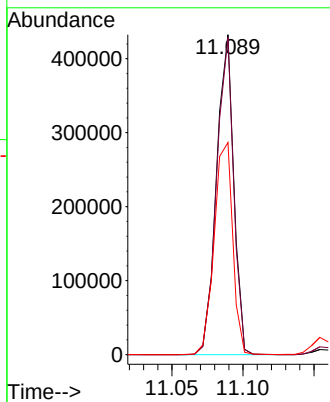
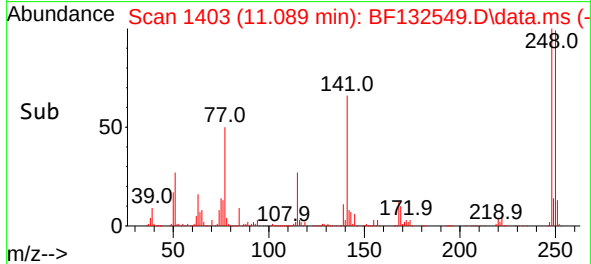
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:248 Resp: 366293
Ion Ratio Lower Upper
248 100
250 99.1 77.0 115.4
141 66.3 54.2 81.2

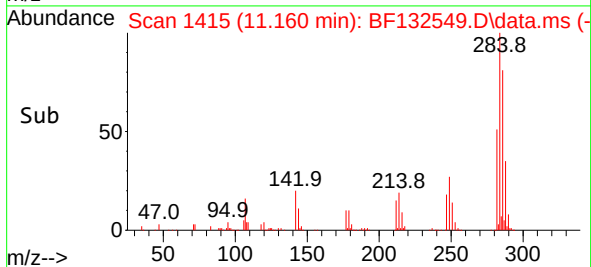
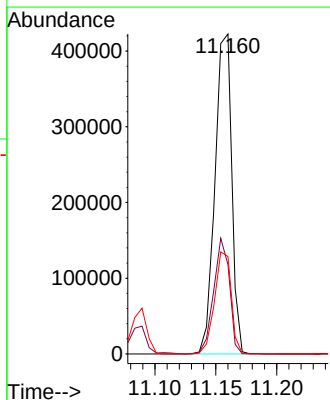
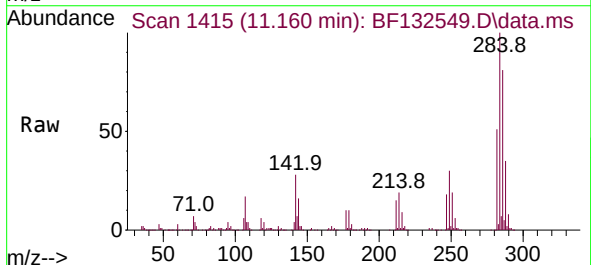
Manual Integrations
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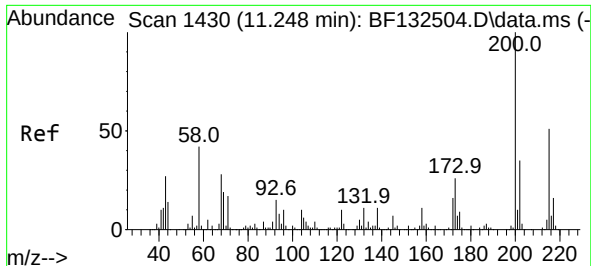
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#68
Hexachlorobenzene
Concen: 51.000 ng
RT: 11.160 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:284 Resp: 404607
Ion Ratio Lower Upper
284 100
142 27.9 22.2 33.4
249 30.4 24.9 37.3





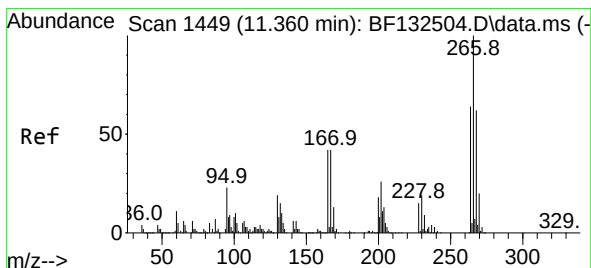
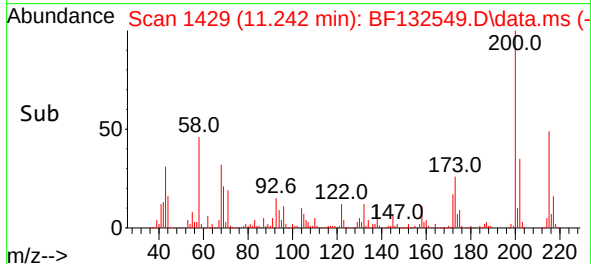
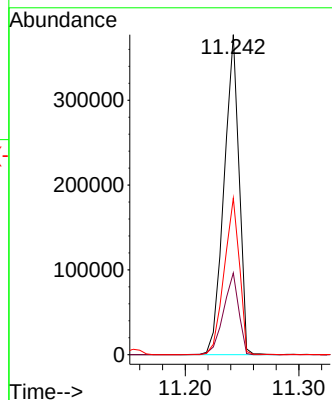
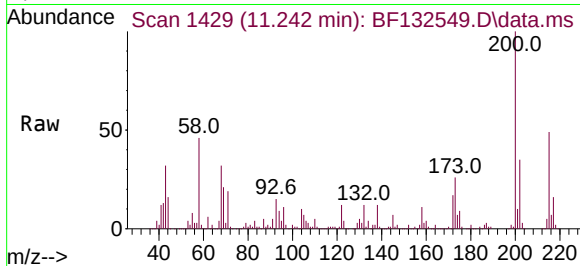
#69
Atrazine
Concen: 53.259 ng
RT: 11.242 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Instrument :
BNA_F
ClientSampleId :
UGTMSD

Tgt Ion:200 Resp: 345509
Ion Ratio Lower Upper
200 100
173 25.5 6.4 46.4
215 48.9 31.0 71.0

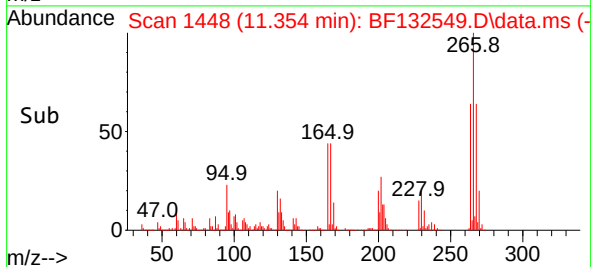
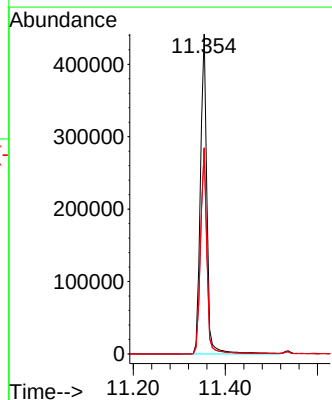
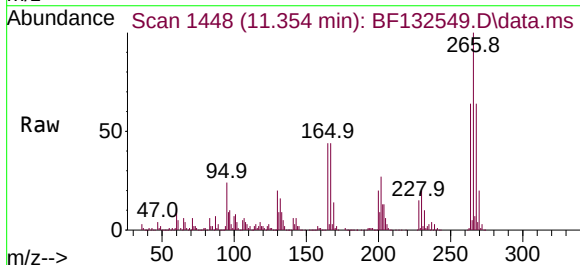
Manual Integrations
APPROVED

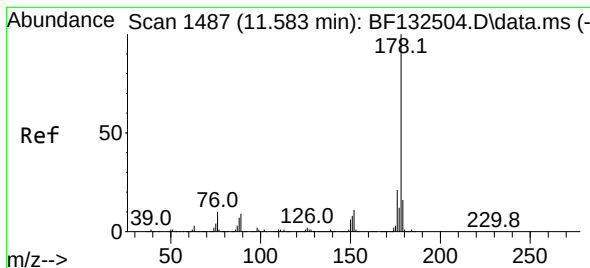
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#70
Pentachlorophenol
Concen: 90.795 ng
RT: 11.354 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:266 Resp: 428569
Ion Ratio Lower Upper
266 100
268 64.4 49.8 74.6
264 64.2 50.9 76.3





#71

Phenanthrene

Concen: 45.708 ng

RT: 11.578 min Scan# 1486

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion:178 Resp: 1578307

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

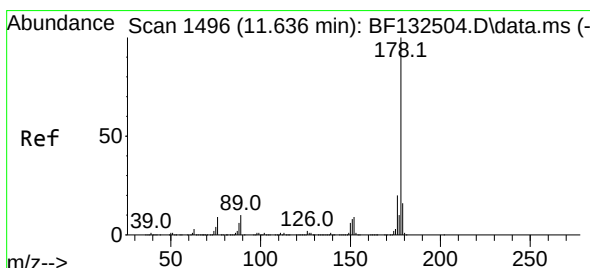
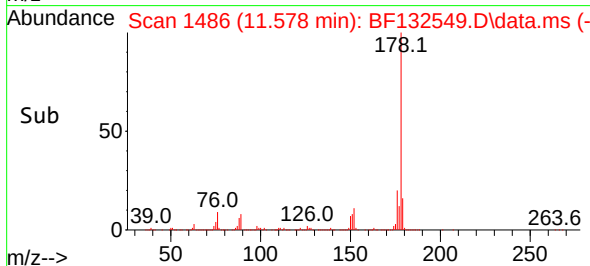
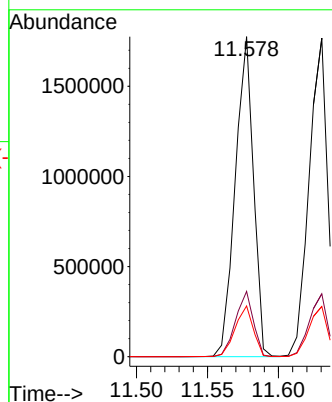
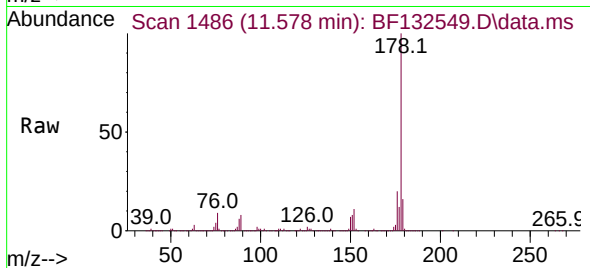
179 15.8 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#72

Anthracene

Concen: 45.275 ng

RT: 11.631 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

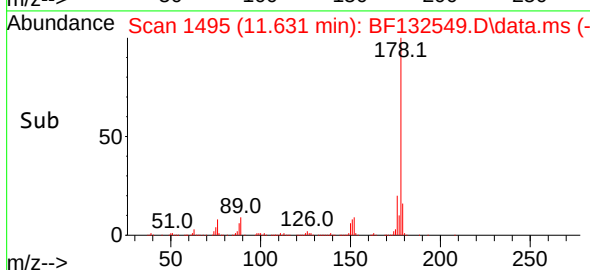
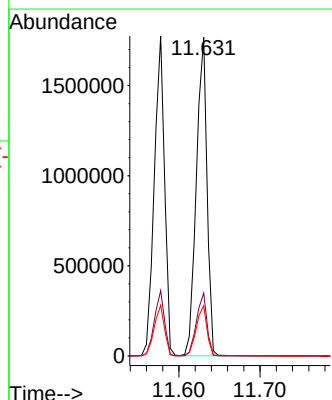
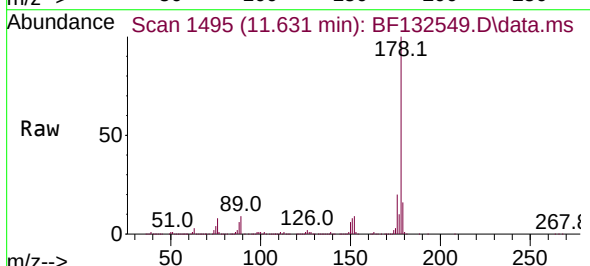
Tgt Ion:178 Resp: 1609903

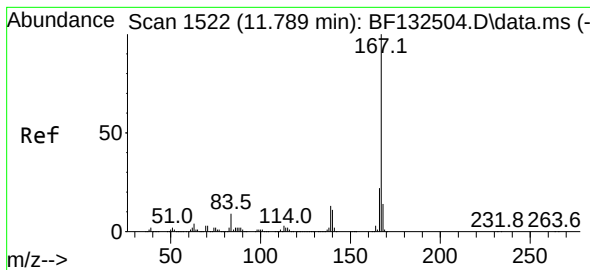
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

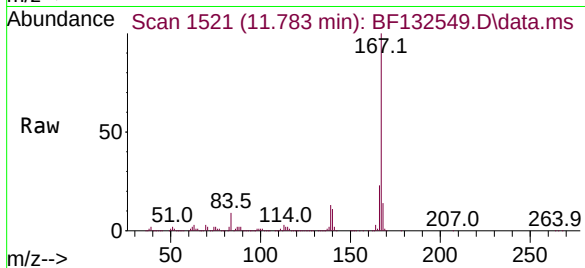
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 43.748 ng
 RT: 11.783 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132549.D
 Acq: 27 Feb 2023 13:18

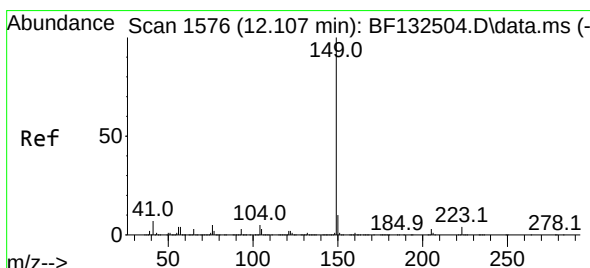
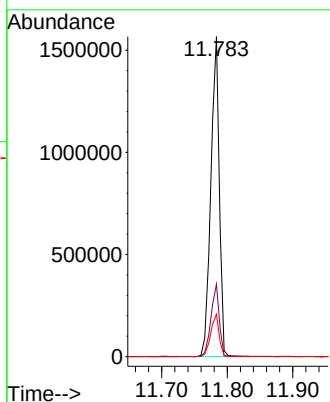
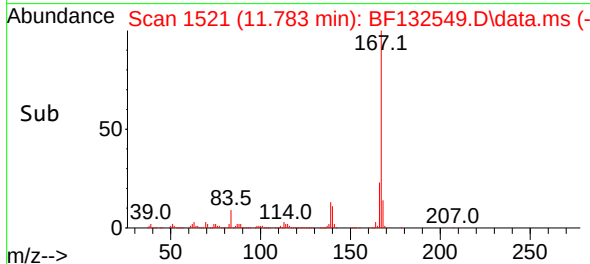
Instrument :
 BNA_F
 ClientSampleId :
 UGTMSD



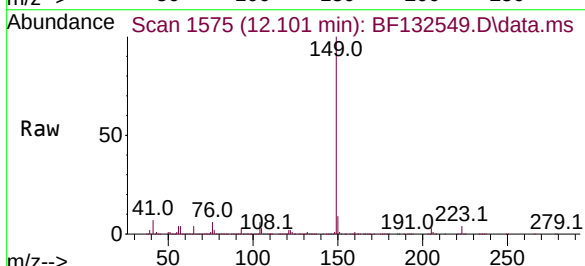
Tgt Ion:167 Resp: 1402553
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.3 10.5 15.7

Manual Integrations
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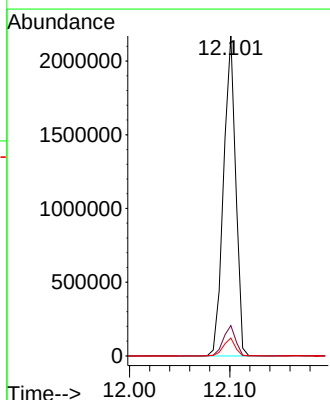
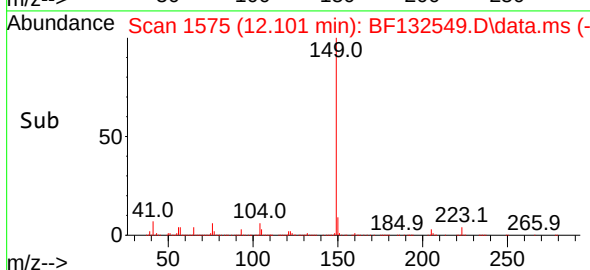
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

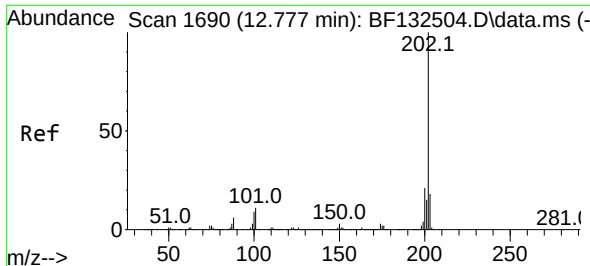


#74
 Di-n-butylphthalate
 Concen: 48.876 ng
 RT: 12.101 min Scan# 1575
 Delta R.T. 0.000 min
 Lab File: BF132549.D
 Acq: 27 Feb 2023 13:18



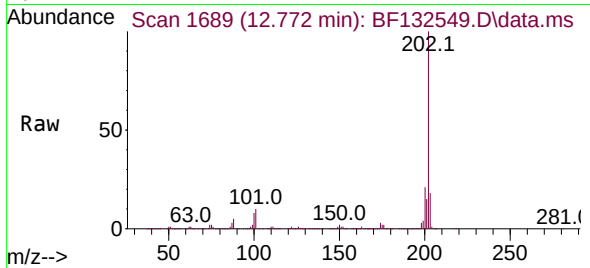
Tgt Ion:149 Resp: 1838067
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 42.759 ng
RT: 12.772 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

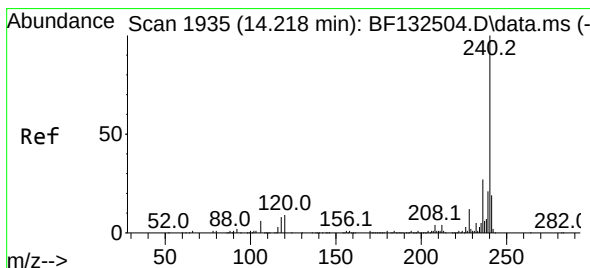
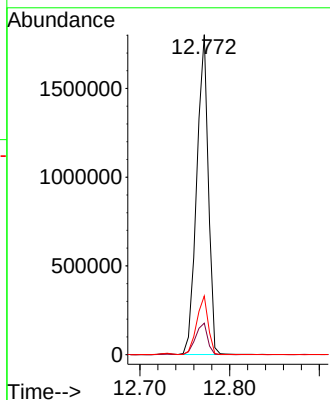
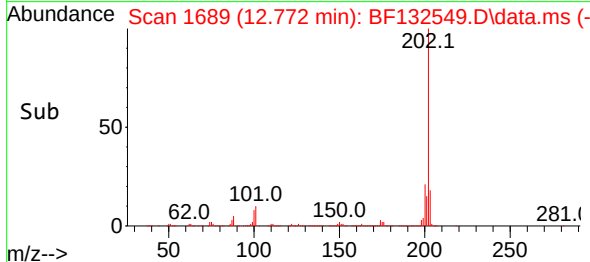
Instrument :
BNA_F
ClientSampleId :
UGTMSD



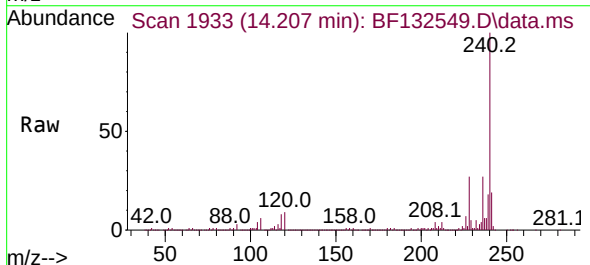
Tgt Ion:202 Resp: 1614091
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.3 0.0 38.0

Manual Integrations
APPROVED

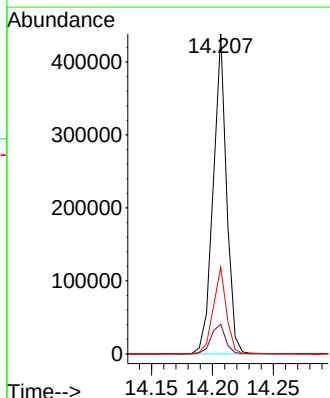
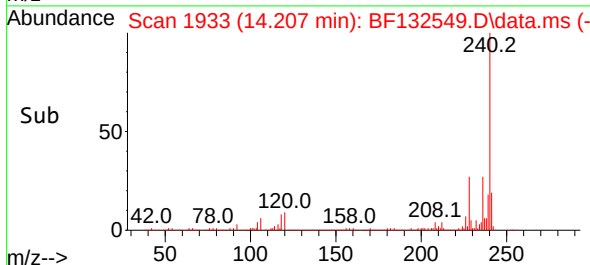
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

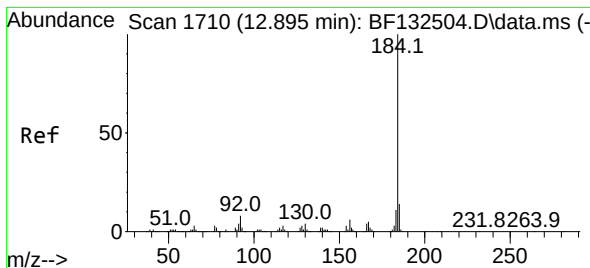


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



Tgt Ion:240 Resp: 334698
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 27.1 21.8 32.6





#77

Benzidine

Concen: 18.059 ng

RT: 12.883 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion:184 Resp: 147134

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

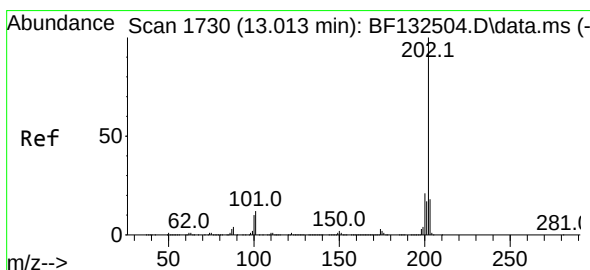
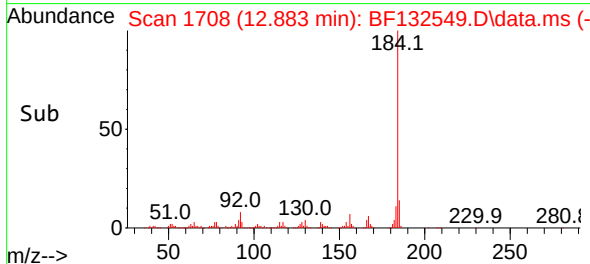
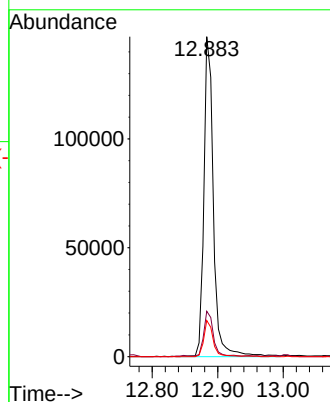
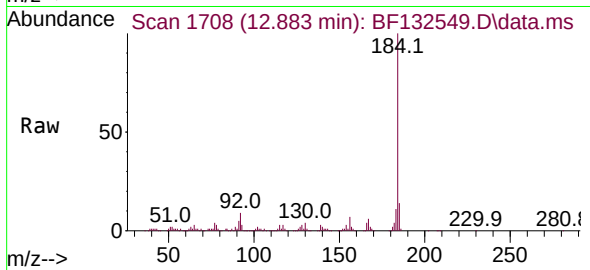
183 11.3 8.7 13.1

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Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#78

Pyrene

Concen: 53.225 ng

RT: 13.001 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

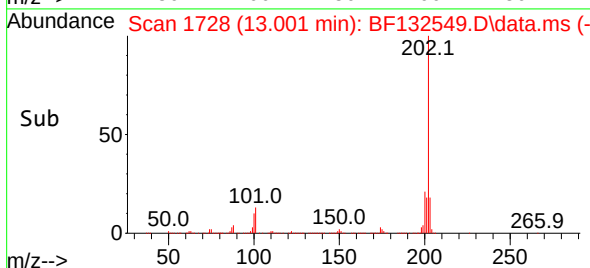
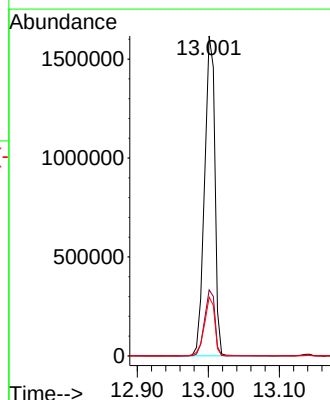
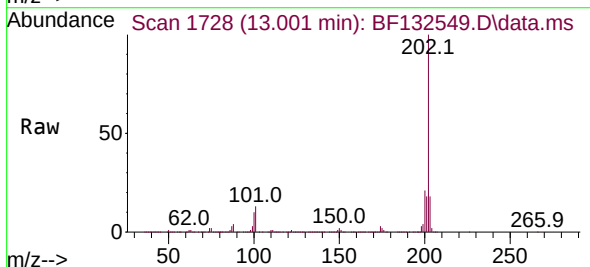
Tgt Ion:202 Resp: 1619620

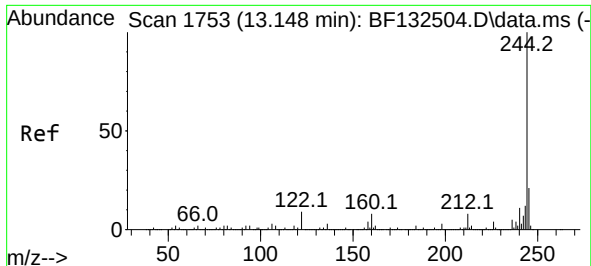
Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

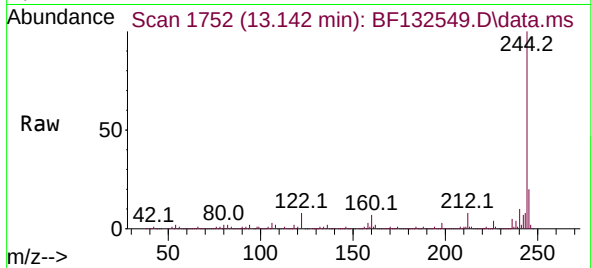
203 18.4 14.6 21.8





#79
Terphenyl-d14
Concen: 110.674 ng
RT: 13.142 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

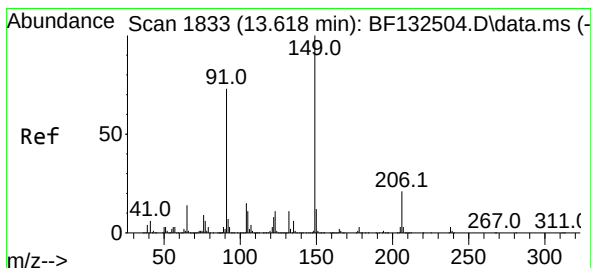
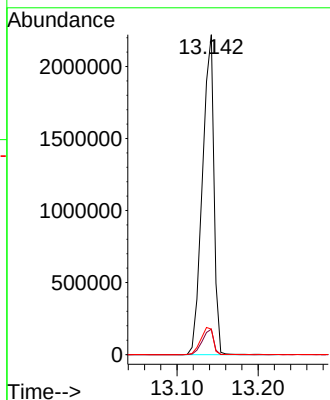
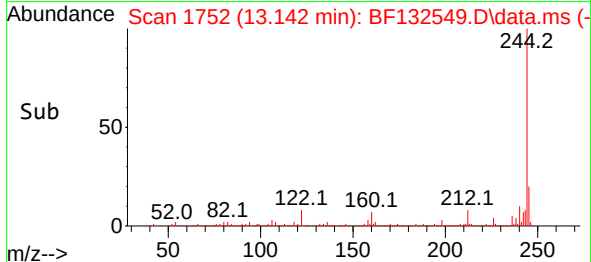
Instrument :
BNA_F
ClientSampleId :
UGTMSD



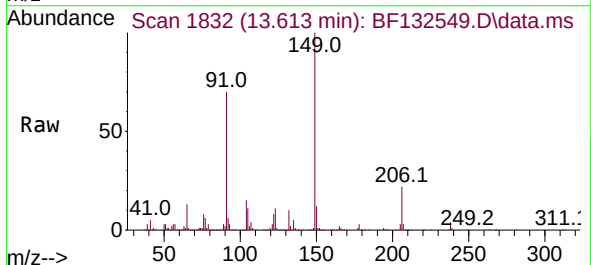
Tgt Ion:244 Resp: 2190899
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.0 7.5 11.3

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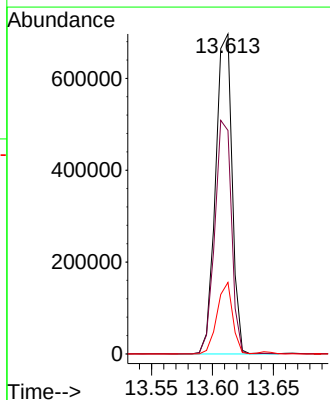
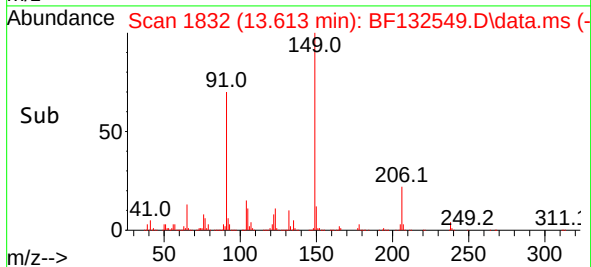
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

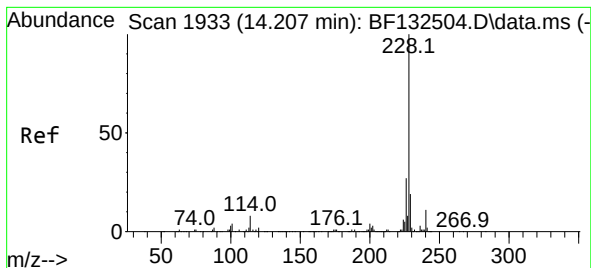


#80
Butylbenzylphthalate
Concen: 54.828 ng
RT: 13.613 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18



Tgt Ion:149 Resp: 658390
Ion Ratio Lower Upper
149 100
91 69.8 58.4 87.6
206 22.3 16.8 25.2





#81

Benzo(a)anthracene

Concen: 47.384 ng

RT: 14.195 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion:228 Resp: 118664

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

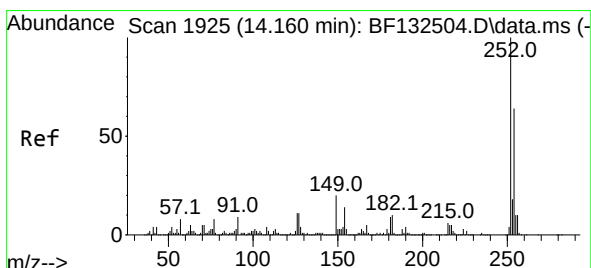
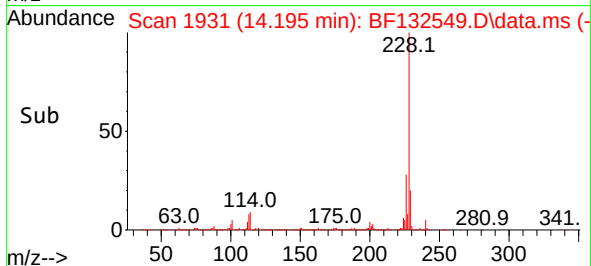
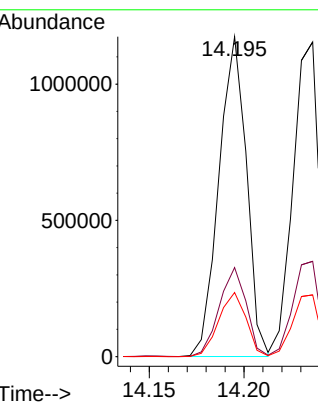
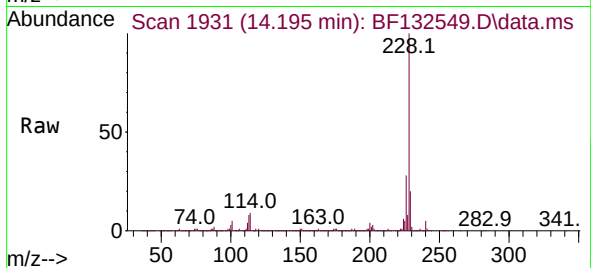
229 20.0 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 19.796 ng

RT: 14.154 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

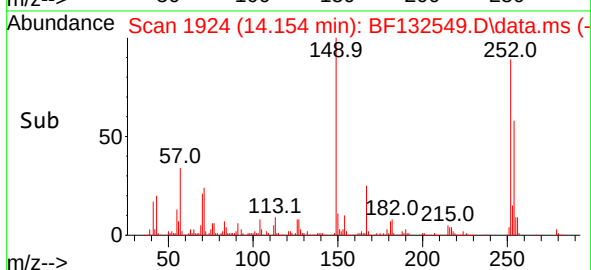
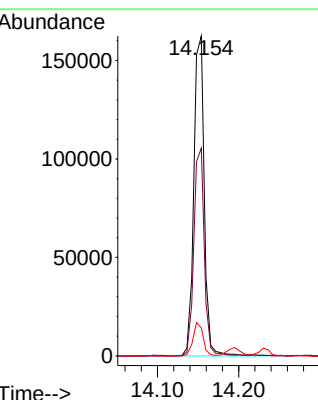
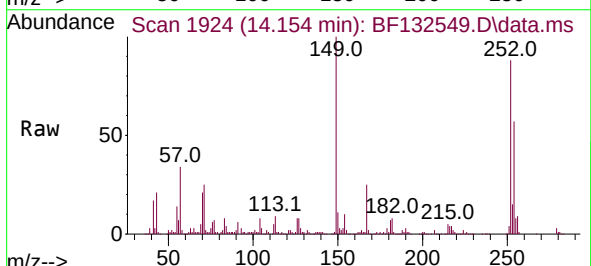
Tgt Ion:252 Resp: 146158

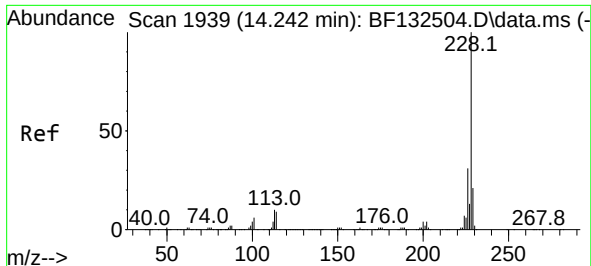
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

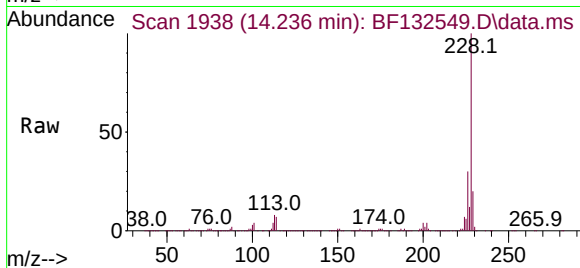
126 8.7 8.9 13.3





#83
Chrysene
Concen: 47.042 ng
RT: 14.236 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

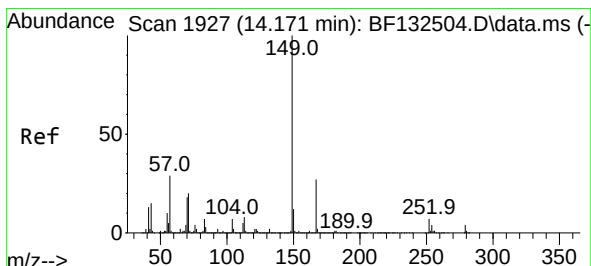
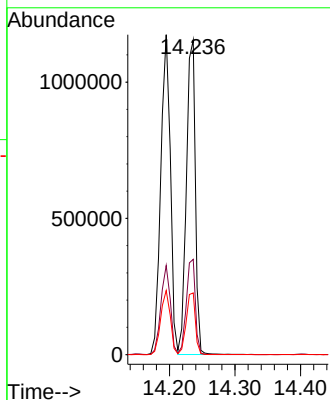
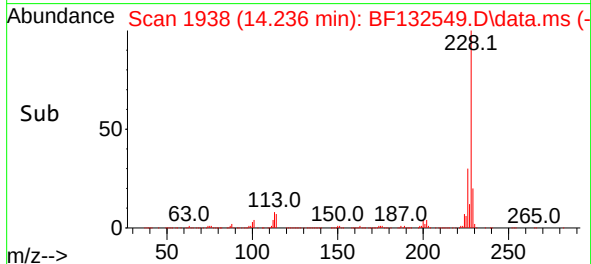
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:228 Resp: 1101626
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 19.6 16.4 24.6

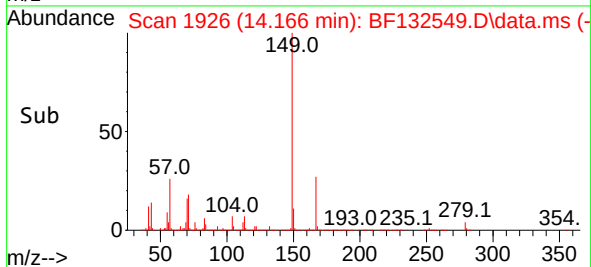
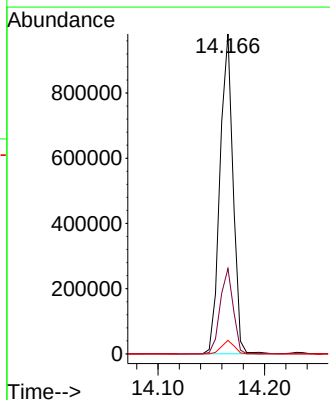
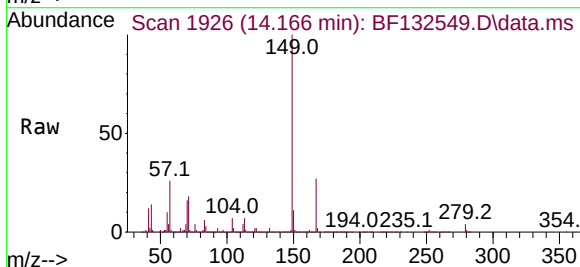
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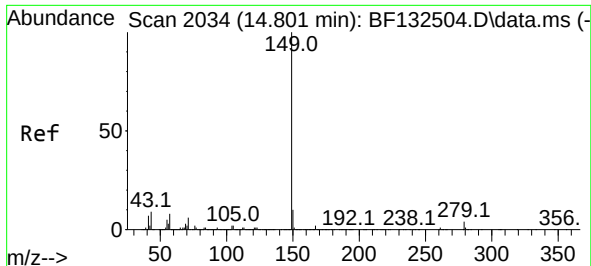
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.892 ng
RT: 14.166 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

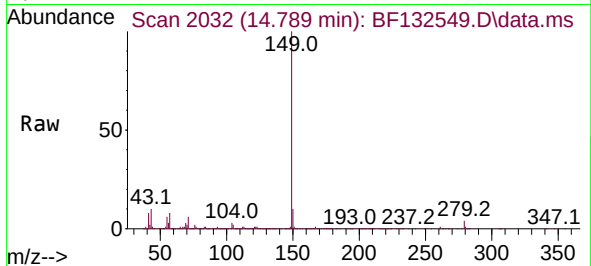
Tgt Ion:149 Resp: 839242
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 58.721 ng
RT: 14.789 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

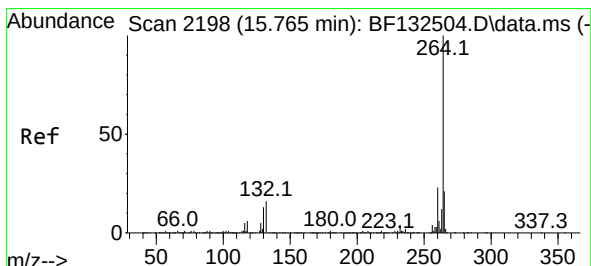
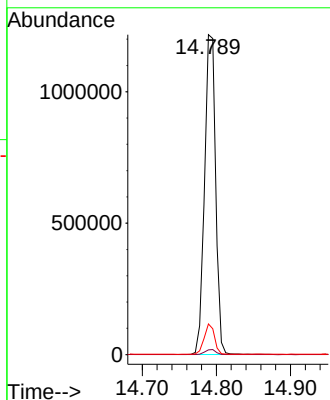
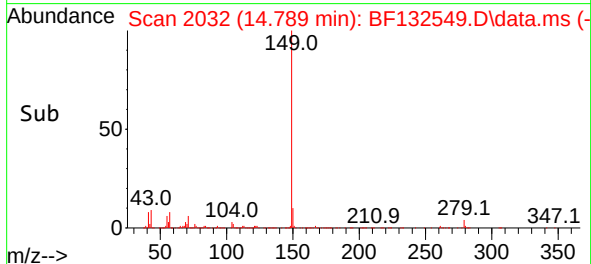
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:149 Resp: 1265821
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 7.2 10.8

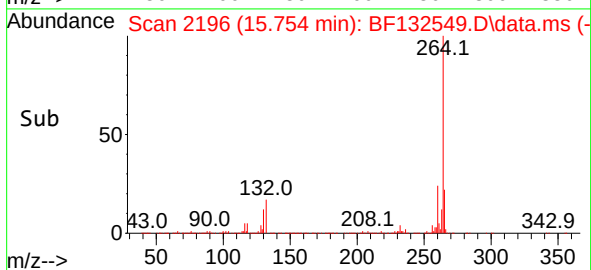
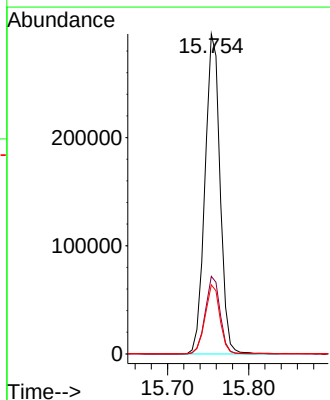
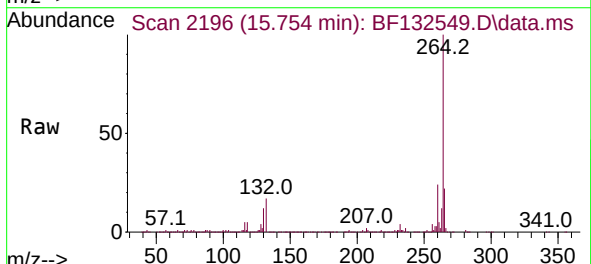
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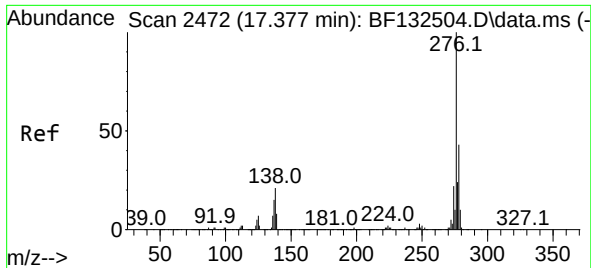
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.754 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:264 Resp: 382513
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.6 17.1 25.7





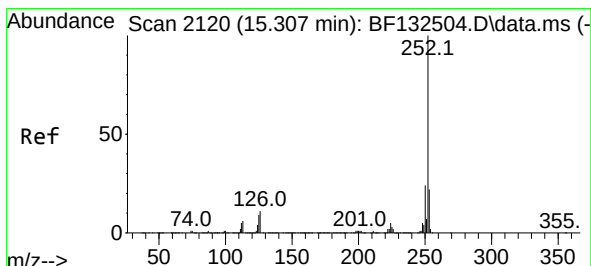
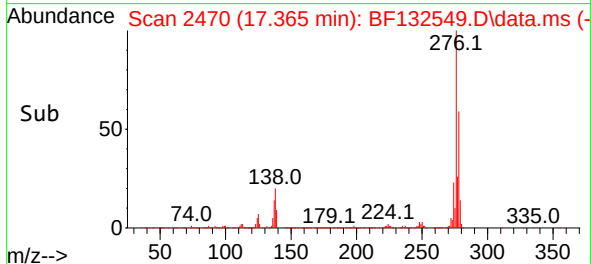
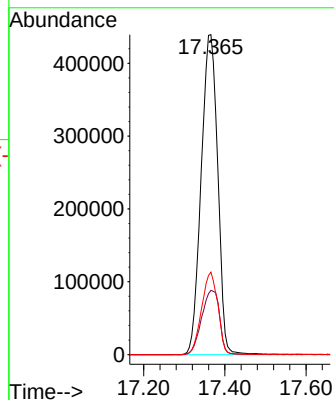
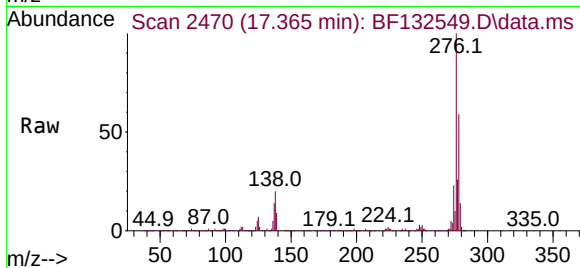
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.673 ng
 RT: 17.365 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BF132549.D
 Acq: 27 Feb 2023 13:18

Instrument :
 BNA_F
 ClientSampleId :
 UGTMSD

Tgt Ion:276 Resp: 1245009
 Ion Ratio Lower Upper
 276 100
 138 21.6 19.0 28.4
 277 25.3 20.0 30.0

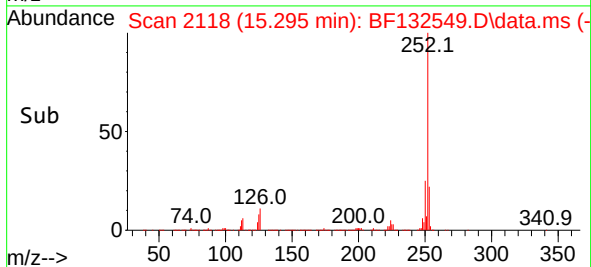
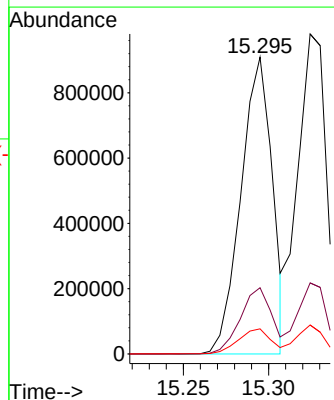
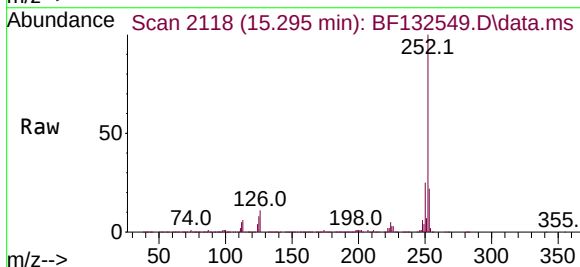
Manual Integrations
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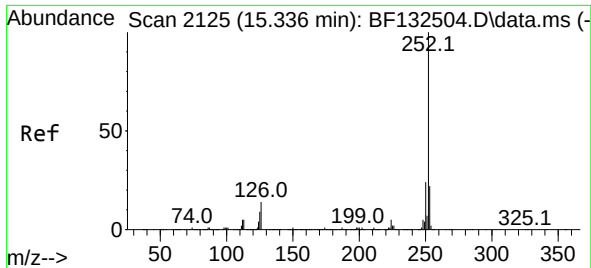
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023



#88
 Benzo(b)fluoranthene
 Concen: 45.487 ng
 RT: 15.295 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BF132549.D
 Acq: 27 Feb 2023 13:18

Tgt Ion:252 Resp: 1166013
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.198 ng

RT: 15.324 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

Instrument :

BNA_F

ClientSampleId :

UGTMSD

Tgt Ion:252 Resp: 1159002

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

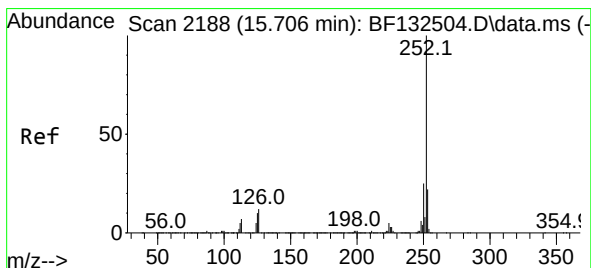
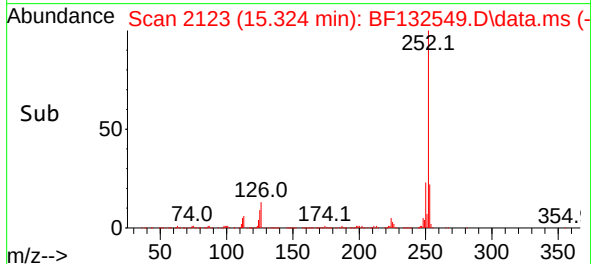
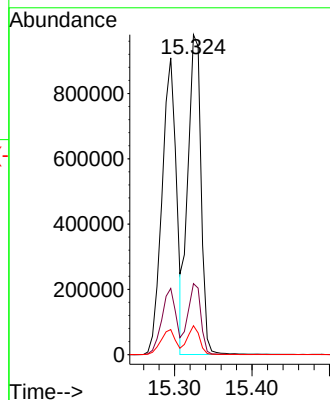
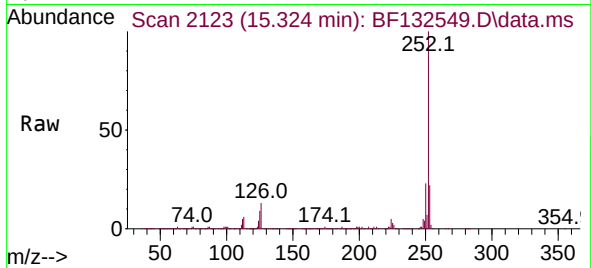
125 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#90

Benzo(a)pyrene

Concen: 44.445 ng

RT: 15.695 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF132549.D

Acq: 27 Feb 2023 13:18

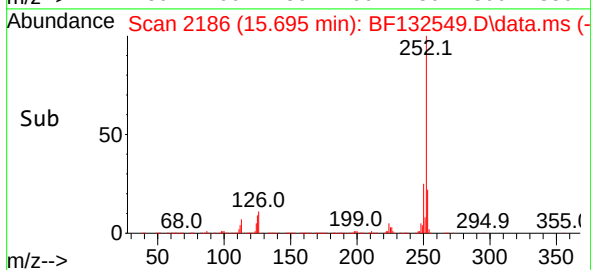
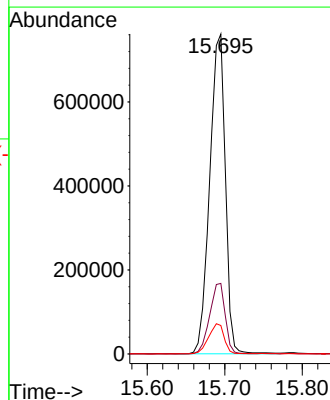
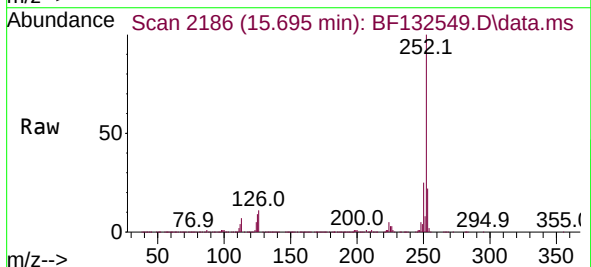
Tgt Ion:252 Resp: 1066310

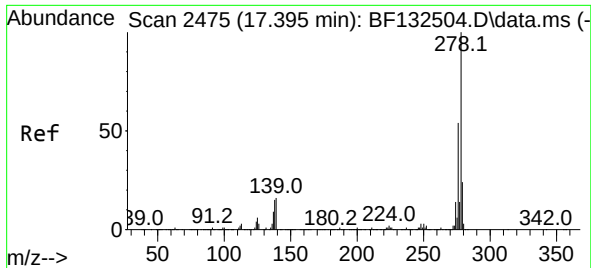
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

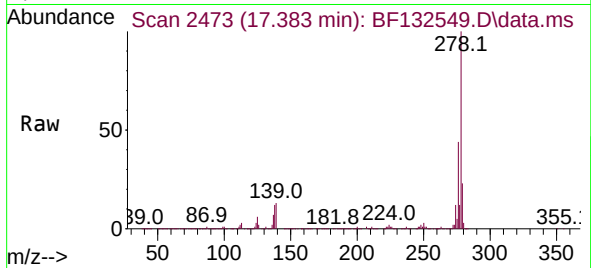
125 8.9 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 50.120 ng
RT: 17.383 min Scan# 2473
Delta R.T. 0.006 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

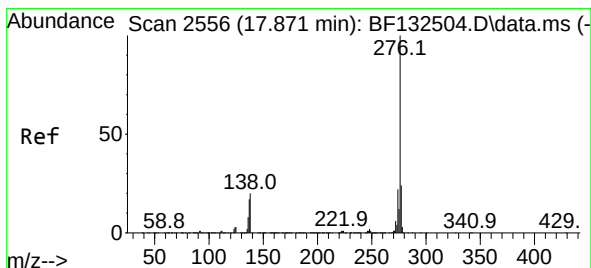
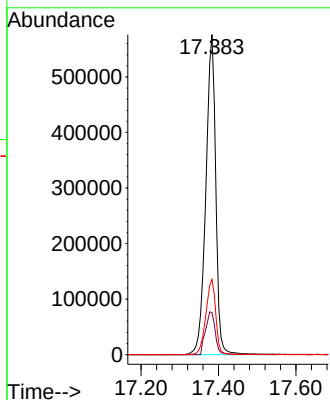
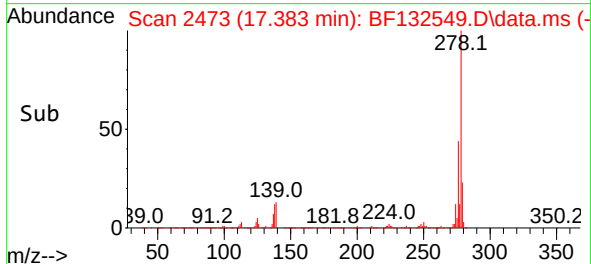
Instrument :
BNA_F
ClientSampleId :
UGTMSD



Tgt Ion:278 Resp: 1023525
Ion Ratio Lower Upper
278 100
139 13.2 13.0 19.4
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#92
Benzo(g,h,i)perylene
Concen: 42.186 ng
RT: 17.854 min Scan# 2553
Delta R.T. 0.000 min
Lab File: BF132549.D
Acq: 27 Feb 2023 13:18

Tgt Ion:276 Resp: 968915
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.3 16.2 24.4

