

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132557.D
 Acq On : 27 Feb 2023 17:37
 Operator : CG\JU
 Sample : 01701-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02MS

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 03:16:06 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	7.007	152	146044	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	528748	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	265436	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	438030	20.000	ng	0.00
76) Chrysene-d12	14.207	240	299937	20.000	ng	0.00
86) Perylene-d12	15.760	264	236708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	909225	101.041	ng	0.00
7) Phenol-d6	6.637	99	1202006	102.351	ng	0.00
23) Nitrobenzene-d5	7.572	82	788219	70.727	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	285651	99.648	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1248273	71.607	ng	0.00
79) Terphenyl-d14	13.136	244	1158804	65.322	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.937	88	199400	40.059	ng	99
3) Pyridine	3.696	79	455530	34.477	ng	98
4) n-Nitrosodimethylamine	3.655	42	219193	43.920	ng	96
6) Aniline	6.666	93	404628	25.602	ng	98
8) 2-Chlorophenol	6.790	128	430851	46.133	ng	100
9) Benzaldehyde	6.554	77	235178	37.112	ng	96
10) Phenol	6.648	94	567621	42.158	ng	99
11) bis(2-Chloroethyl)ether	6.737	93	455101	43.785	ng	96
12) 1,3-Dichlorobenzene	6.948	146	457556	45.654	ng	99
13) 1,4-Dichlorobenzene	7.025	146	463290	46.294	ng	98
14) 1,2-Dichlorobenzene	7.178	146	444133	46.243	ng	98
15) Benzyl Alcohol	7.148	79	422405	46.703	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	603810	45.555	ng	99
17) 2-Methylphenol	7.254	107	363066	41.654	ng	99
18) Hexachloroethane	7.519	117	183555	46.948	ng	97
19) n-Nitroso-di-n-propyla...	7.419	70	308554	42.691	ng	97
20) 3+4-Methylphenols	7.407	107	434257	38.564	ng	92
22) Acetophenone	7.413	105	585648	43.926	ng	# 94
24) Nitrobenzene	7.590	77	524113	43.973	ng	94
25) Isophorone	7.825	82	925875	43.333	ng	98
26) 2-Nitrophenol	7.907	139	231537	44.028	ng	98
27) 2,4-Dimethylphenol	7.937	122	363922	43.846	ng	97
28) bis(2-Chloroethoxy)met...	8.031	93	544637	43.574	ng	100
29) 2,4-Dichlorophenol	8.148	162	363631	44.042	ng	97
30) 1,2,4-Trichlorobenzene	8.231	180	406332	45.323	ng	99
31) Naphthalene	8.313	128	1166174	43.082	ng	99
32) Benzoic acid	8.054	122	268998m	41.677	ng	
33) 4-Chloroaniline	8.360	127	99159	8.549	ng	95
34) Hexachlorobutadiene	8.425	225	270041	47.400	ng	99
35) Caprolactam	8.742	113	118478m	43.527	ng	
36) 4-Chloro-3-methylphenol	8.842	107	396406	43.718	ng	98
37) 2-Methylnaphthalene	9.007	142	771418	41.818	ng	99
38) 1-Methylnaphthalene	9.107	142	708418	41.093	ng	99
40) 1,2,4,5-Tetrachloroben...	9.172	216	415500	47.844	ng	100
41) Hexachlorocyclopentadiene	9.154	237	290480	61.668	ng	100
43) 2,4,6-Trichlorophenol	9.284	196	275257	46.769	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.331	196	288124	41.945	ng	98
46) 1,1'-Biphenyl	9.472	154	923576	45.971	ng	99
47) 2-Chloronaphthalene	9.501	162	737940	46.328	ng	99
48) 2-Nitroaniline	9.595	65	252564	43.052	ng	97
49) Acenaphthylene	9.919	152	1100846	43.425	ng	99
50) Dimethylphthalate	9.772	163	914668	47.326	ng	99
51) 2,6-Dinitrotoluene	9.836	165	196587	44.663	ng	93
52) Acenaphthene	10.089	154	735117m	45.667	ng	
53) 3-Nitroaniline	10.007	138	131322	26.672	ng	98
54) 2,4-Dinitrophenol	10.113	184	155003	56.440	ng	97
55) Dibenzofuran	10.260	168	1005947	42.866	ng	96
56) 4-Nitrophenol	10.166	139	261674	71.264	ng	89
57) 2,4-Dinitrotoluene	10.242	165	248232	42.392	ng	95
58) Fluorene	10.607	166	743417	41.415	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.378	232	222917	43.687	ng	98
60) Diethylphthalate	10.472	149	879485	46.593	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	412773	44.327	ng	97
62) 4-Nitroaniline	10.625	138	162285	33.578	ng	99
63) Azobenzene	10.754	77	1085923	54.321	ng	96
65) 4,6-Dinitro-2-methylph...	10.648	198	106062	35.768	ng	93
66) n-Nitrosodiphenylamine	10.713	169	668150	48.928	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	242424	48.927	ng	98
68) Hexachlorobenzene	11.154	284	259656	49.803	ng	# 92
69) Atrazine	11.236	200	226064	53.027	ng	97
70) Pentachlorophenol	11.354	266	254678	82.104	ng	98
71) Phenanthrene	11.578	178	981203	43.240	ng	99
72) Anthracene	11.625	178	996575	42.648	ng	99
73) Carbazole	11.783	167	868060	41.202	ng	99
74) Di-n-butylphthalate	12.101	149	1200900	48.593	ng	99
75) Fluoranthene	12.772	202	987602	39.811	ng	98
77) Benzidine	12.889	184	371386	50.866	ng	99
78) Pyrene	13.001	202	1020298	37.415	ng	99
80) Butylbenzylphthalate	13.613	149	456022	42.377	ng	97
81) Benzo(a)anthracene	14.195	228	950486	42.353	ng	98
82) 3,3'-Dichlorobenzidine	14.154	252	234075	35.378	ng	98
83) Chrysene	14.236	228	906943	43.217	ng	98
84) Bis(2-ethylhexyl)phtha...	14.166	149	635476	48.071	ng	99
85) Di-n-octyl phthalate	14.795	149	1099238	56.903	ng	100
87) Indeno(1,2,3-cd)pyrene	17.360	276	588161	37.921	ng	98
88) Benzo(b)fluoranthene	15.295	252	795678	50.159	ng	99
89) Benzo(k)fluoranthene	15.330	252	736803	47.459	ng	99
90) Benzo(a)pyrene	15.695	252	618595	41.666	ng	98
91) Dibenzo(a,h)anthracene	17.377	278	489997	38.774	ng	97
92) Benzo(g,h,i)perylene	17.848	276	475164	33.767	ng	99

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

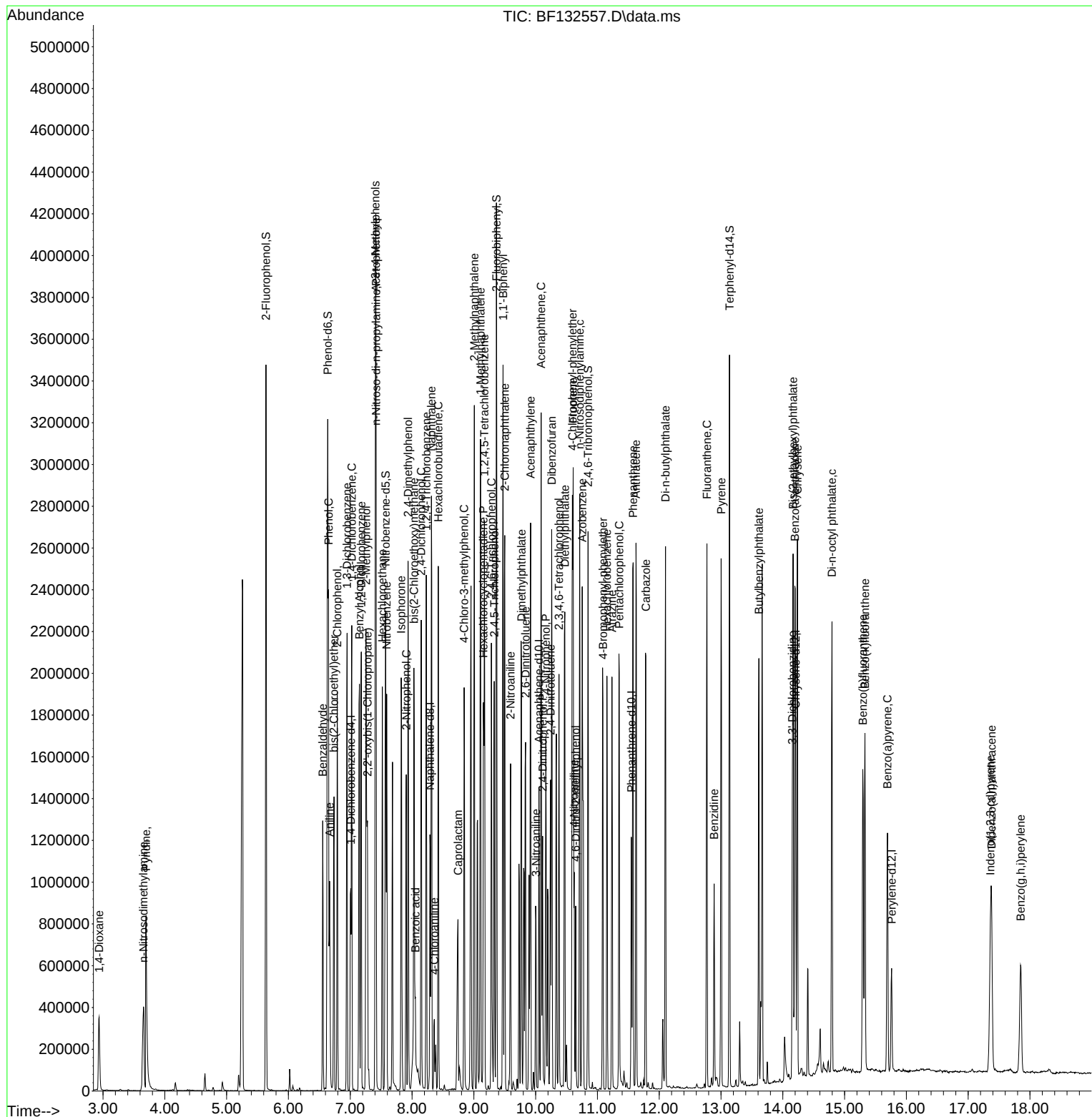
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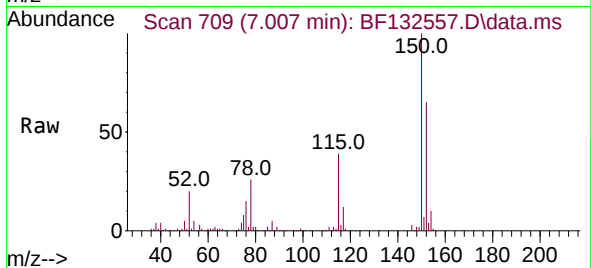
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

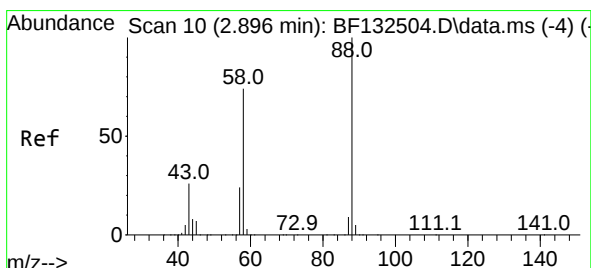
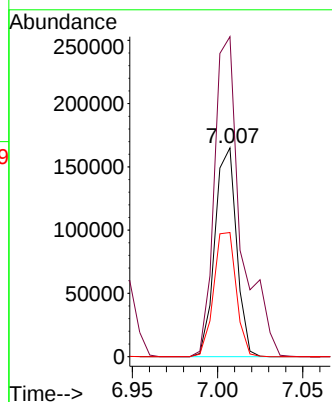
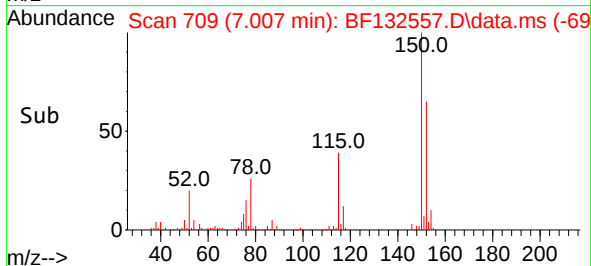
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 152 Resp: 146044
Ion Ratio Lower Upper
152 100
150 153.3 125.4 188.2
115 59.4 47.8 71.6

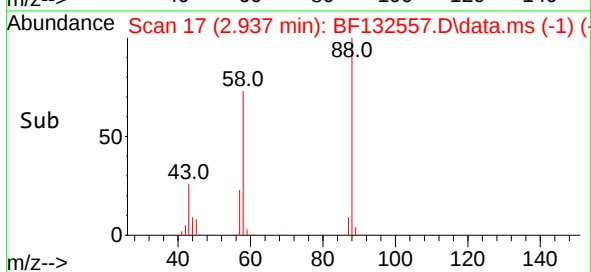
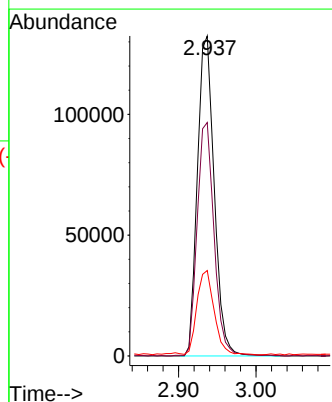
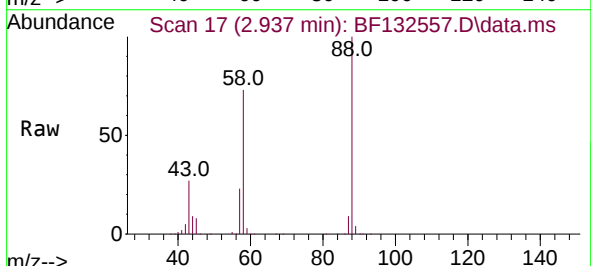
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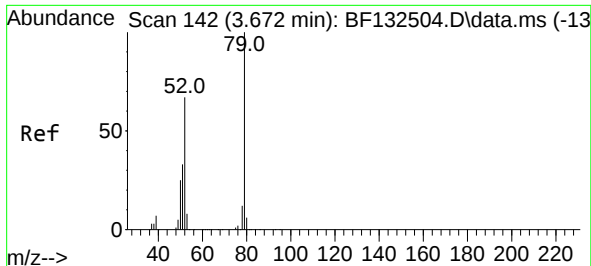
Reviewed By :Yogesh Patel 02/28/2023
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#2
1,4-Dioxane
Concen: 40.059 ng
RT: 2.937 min Scan# 17
Delta R.T. 0.053 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

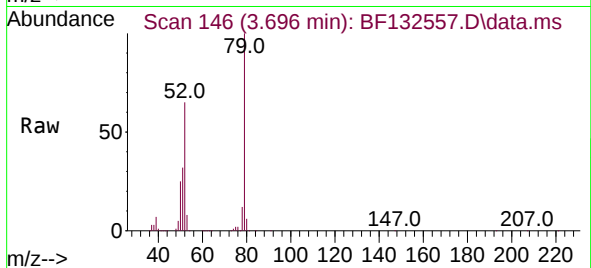
Tgt Ion: 88 Resp: 199400
Ion Ratio Lower Upper
88 100
58 73.2 58.3 87.5
43 27.1 20.7 31.1





#3
Pyridine
Concen: 34.477 ng
RT: 3.696 min Scan# 14
Delta R.T. 0.041 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

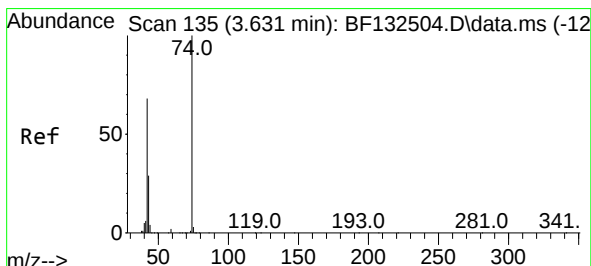
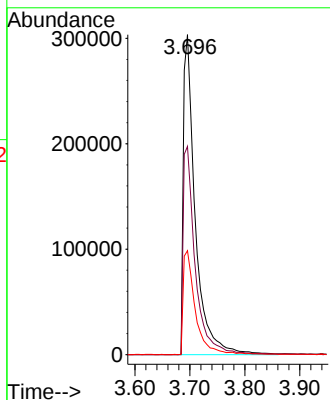
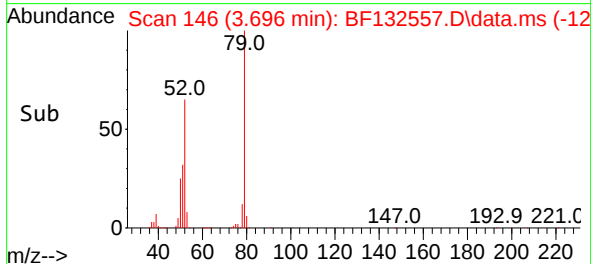
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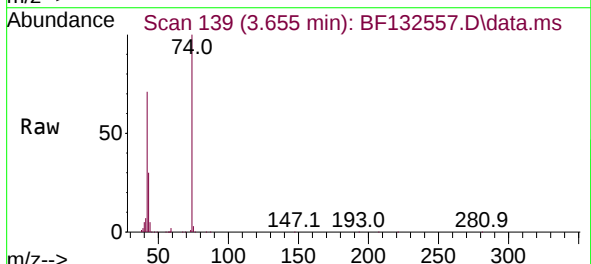
Tgt Ion: 79 Resp: 455536
Ion Ratio Lower Upper
79 100
52 65.1 53.7 80.5
51 32.5 26.6 40.0

Manual Integrations
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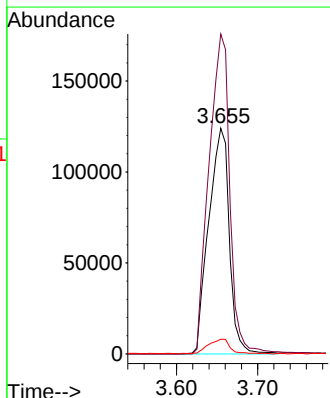
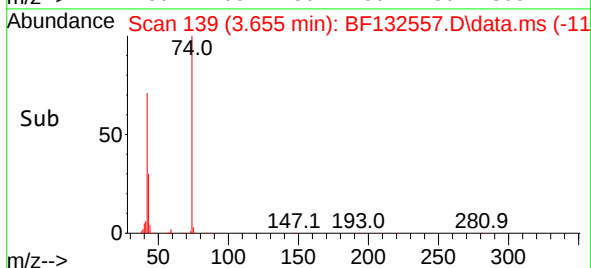
Reviewed By :Yogesh Patel 02/28/2023
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#4
n-Nitrosodimethylamine
Concen: 43.920 ng
RT: 3.655 min Scan# 139
Delta R.T. 0.030 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



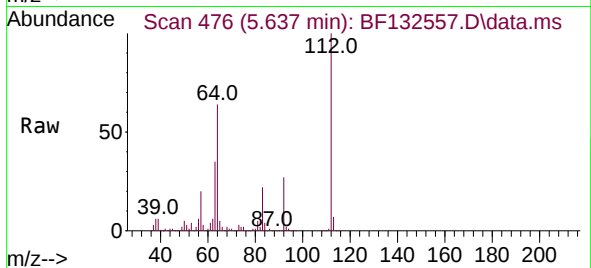
Tgt Ion: 42 Resp: 219193
Ion Ratio Lower Upper
42 100
74 141.8 118.2 177.2
44 6.5 5.3 7.9





#5
2-Fluorophenol
Concen: 101.041 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

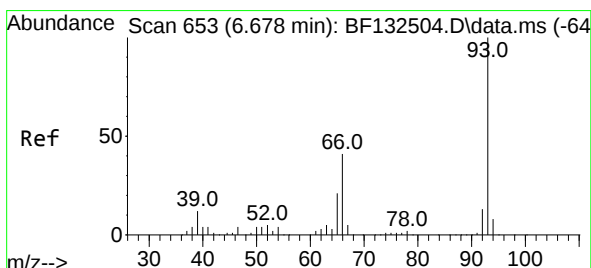
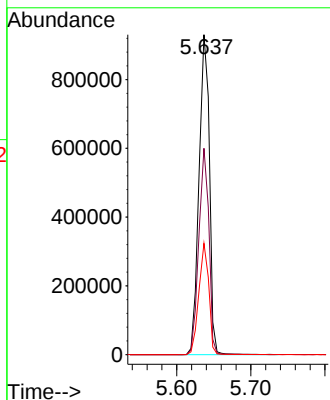
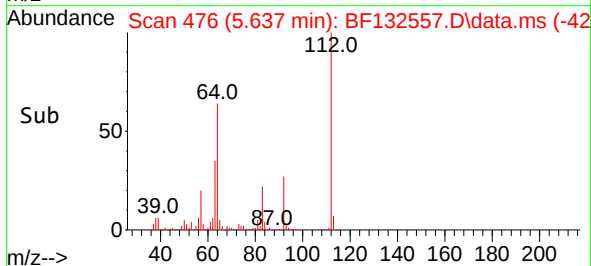
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BNA_F
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Tgt Ion: 112 Resp: 909225
Ion Ratio Lower Upper
112 100
64 64.5 51.6 77.4
63 34.8 27.4 41.2

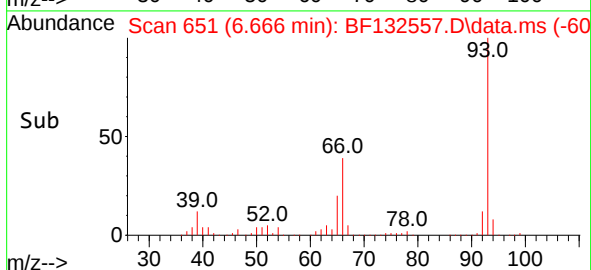
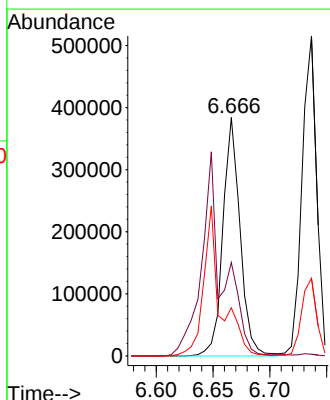
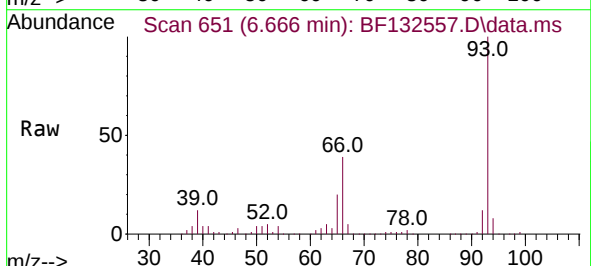
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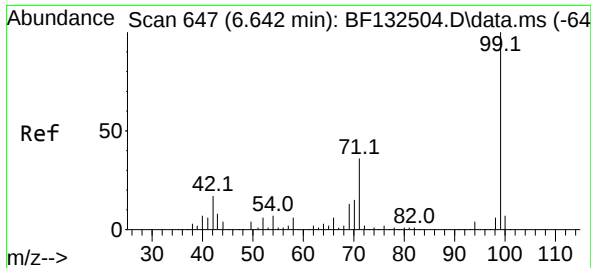
Reviewed By :Yogesh Patel 02/28/2023
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#6
Aniline
Concen: 25.602 ng
RT: 6.666 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

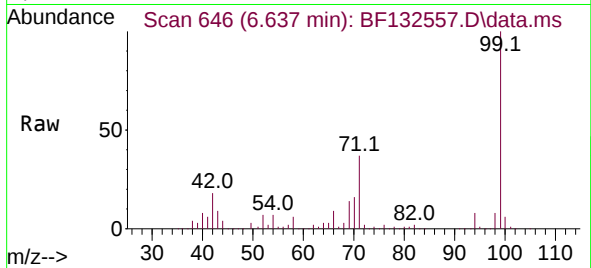
Tgt Ion: 93 Resp: 404628
Ion Ratio Lower Upper
93 100
66 39.2 32.5 48.7
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 102.351 ng
RT: 6.637 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

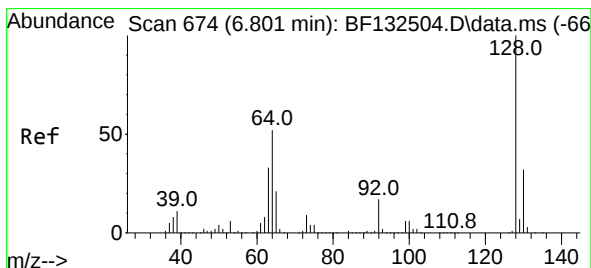
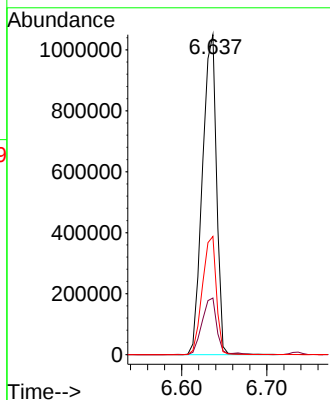
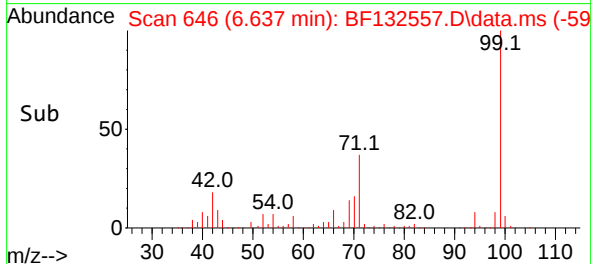
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Tgt Ion: 99 Resp: 1202006
Ion Ratio Lower Upper
99 100
42 17.7 13.9 20.9
71 36.9 28.5 42.7

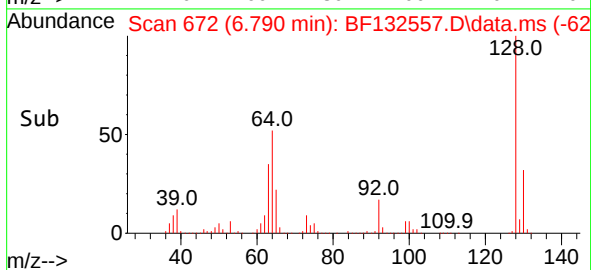
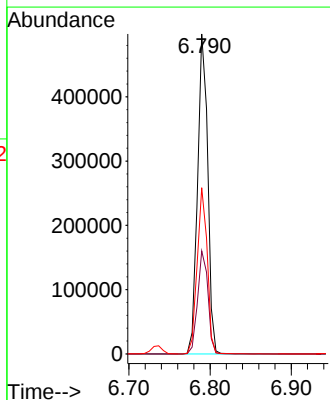
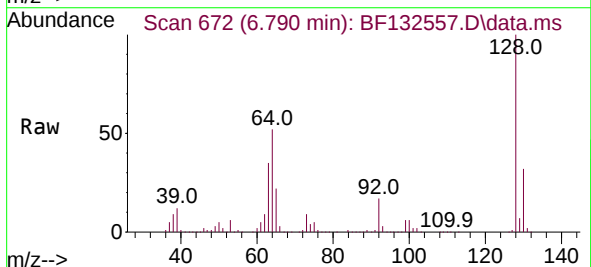
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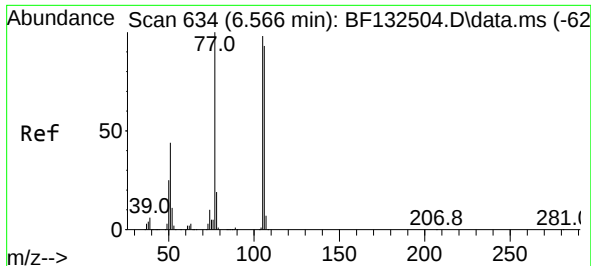
Reviewed By :Yogesh Patel 02/28/2023
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#8
2-Chlorophenol
Concen: 46.133 ng
RT: 6.790 min Scan# 672
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

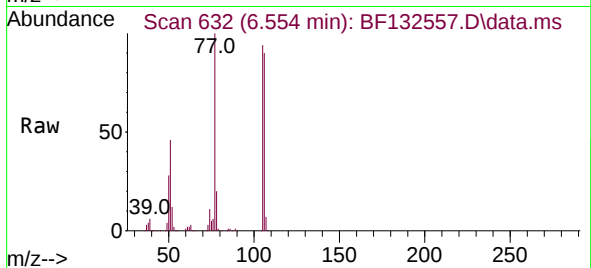
Tgt Ion:128 Resp: 430851
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 51.9 32.0 72.0





#9
Benzaldehyde
Concen: 37.112 ng
RT: 6.554 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

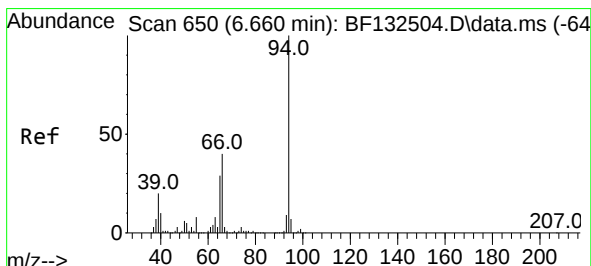
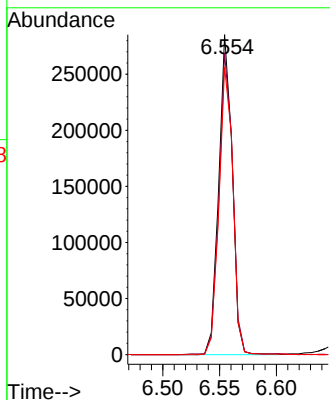
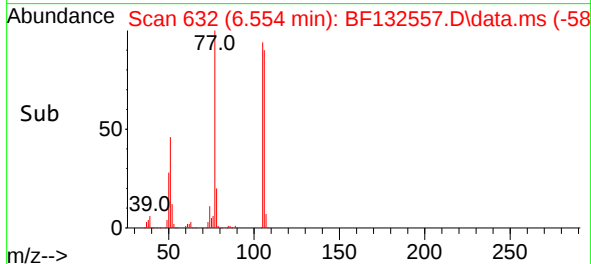
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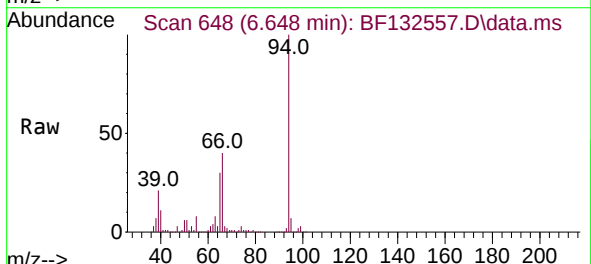
Tgt Ion: 77 Resp: 235178
Ion Ratio Lower Upper
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105 94.1 77.9 117.9
106 89.9 73.4 113.4

Manual Integrations
APPROVED

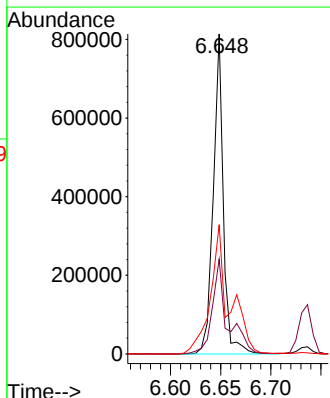
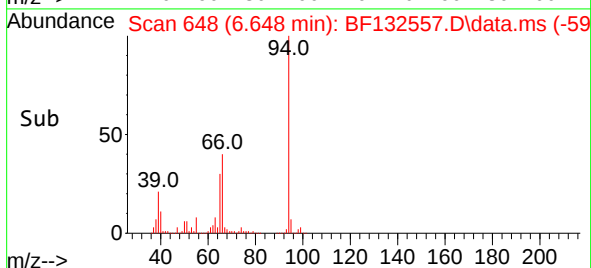
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

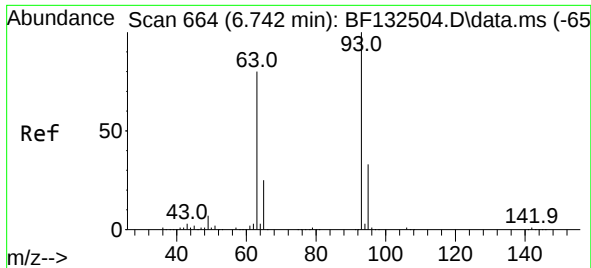


#10
Phenol
Concen: 42.158 ng
RT: 6.648 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



Tgt Ion: 94 Resp: 567621
Ion Ratio Lower Upper
94 100
65 29.6 9.4 49.4
66 40.4 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 43.785 ng
RT: 6.737 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

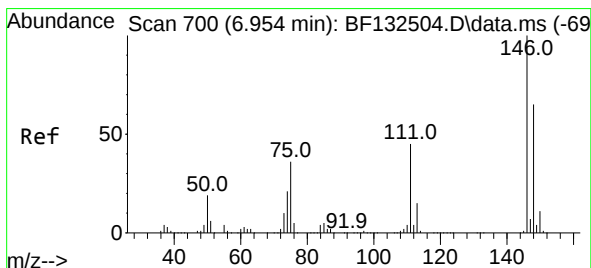
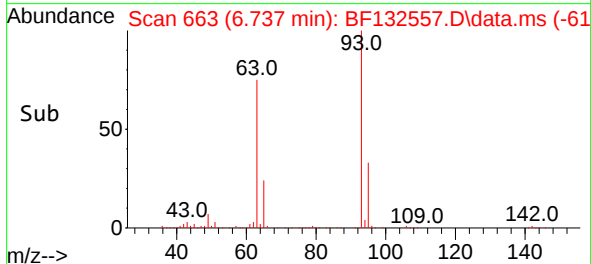
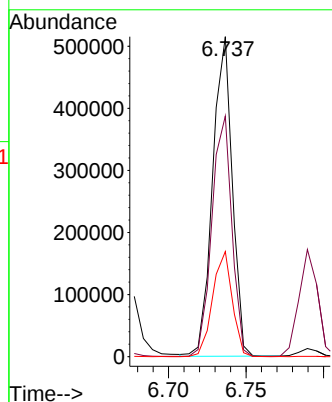
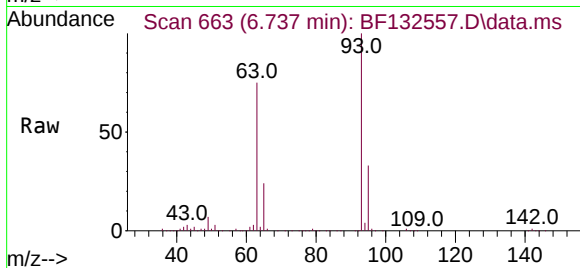
ClientSampleId :

B-19-SB02MS

Tgt Ion: 93 Resp: 45510
Ion Ratio Lower Upper
93 100
63 75.2 59.6 99.6
95 32.8 12.8 52.8

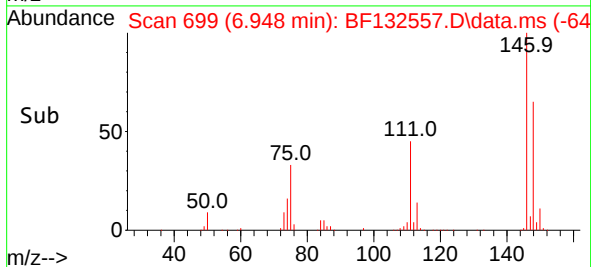
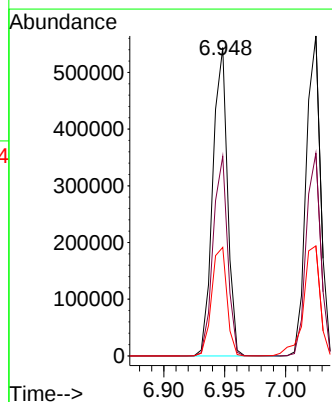
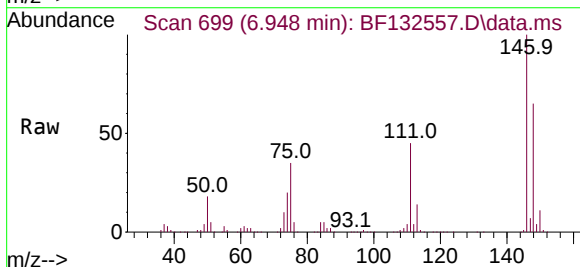
Manual Integrations
APPROVED

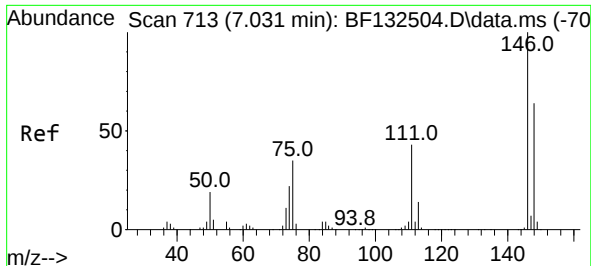
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#12
1,3-Dichlorobenzene
Concen: 45.654 ng
RT: 6.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:146 Resp: 457556
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 35.2 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 46.294 ng

RT: 7.025 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

Tgt Ion:146 Resp: 463290

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

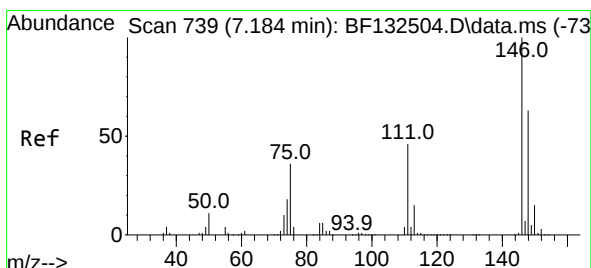
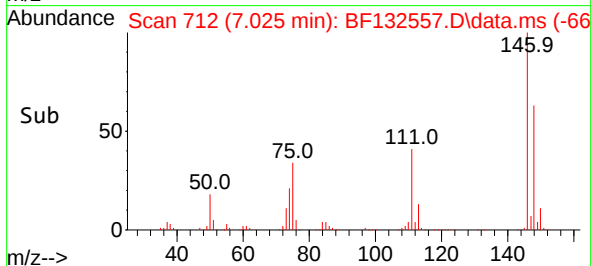
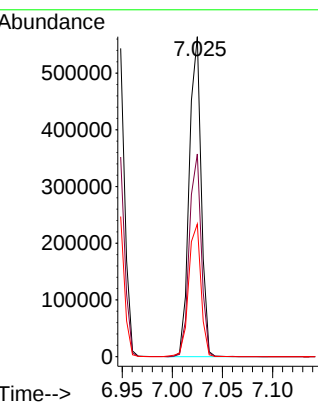
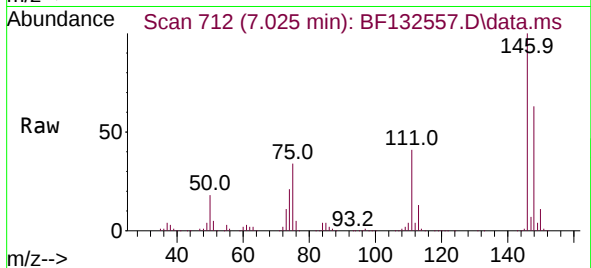
111 41.4 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#14

1,2-Dichlorobenzene

Concen: 46.243 ng

RT: 7.178 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

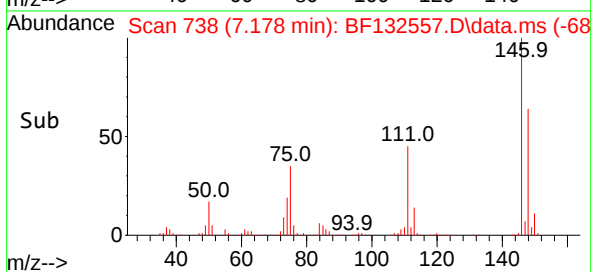
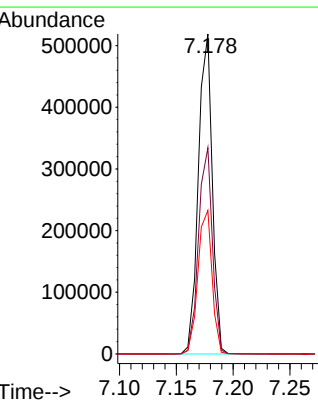
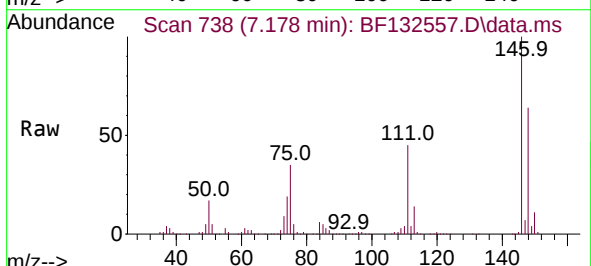
Tgt Ion:146 Resp: 444133

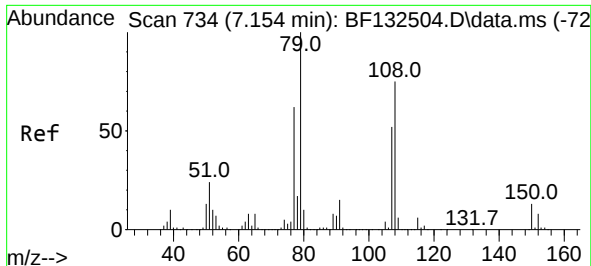
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

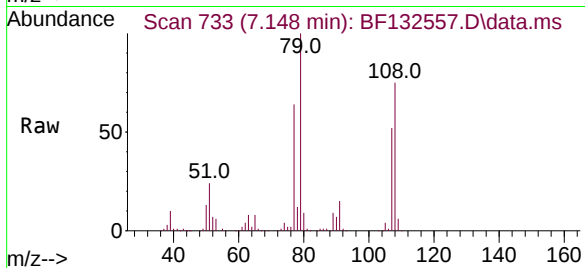
111 44.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.703 ng
RT: 7.148 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

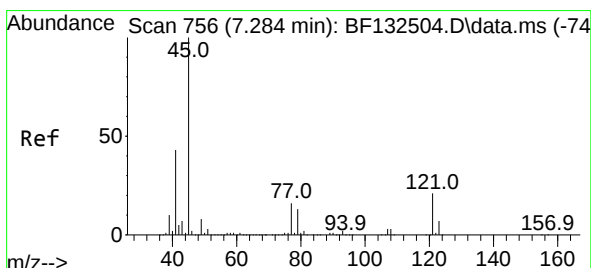
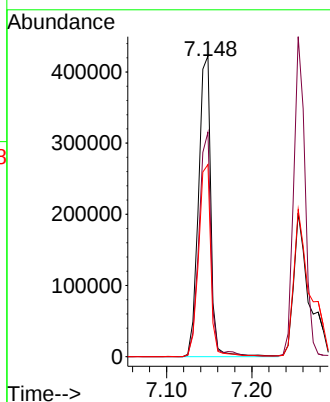
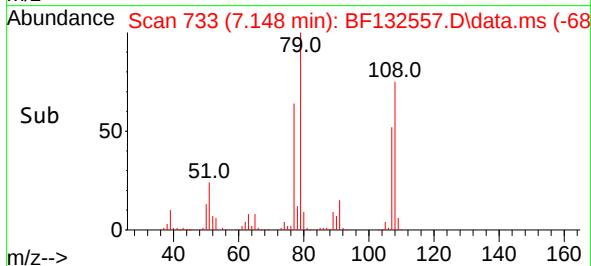
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion: 79 Resp: 422405
Ion Ratio Lower Upper
79 100
108 74.6 60.2 90.4
77 63.9 49.9 74.9

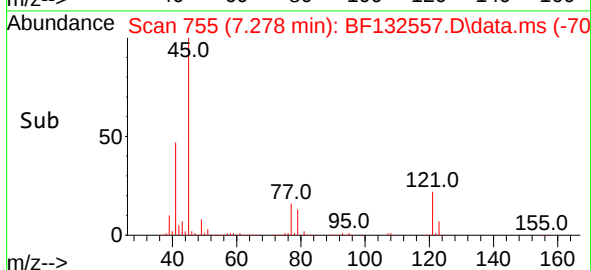
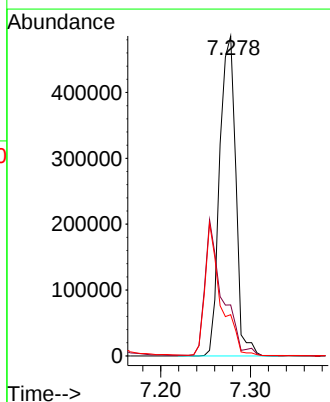
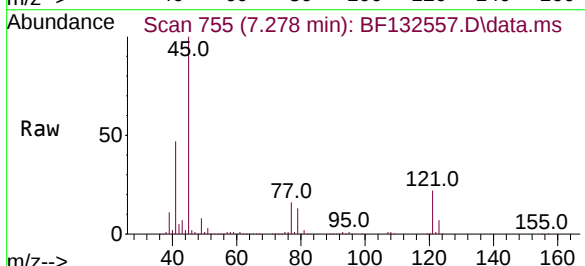
Manual Integrations
APPROVED

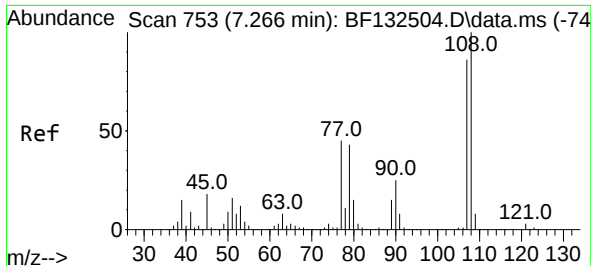
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.555 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion: 45 Resp: 603810
Ion Ratio Lower Upper
45 100
77 15.9 0.0 36.4
79 12.9 0.0 33.4





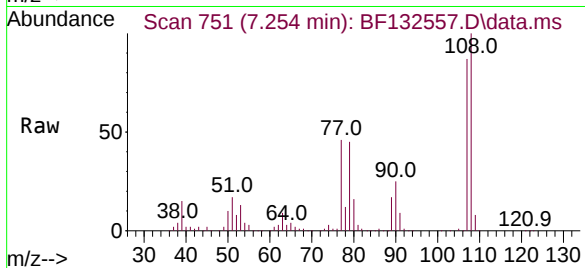
#17
2-Methylphenol
Concen: 41.654 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS



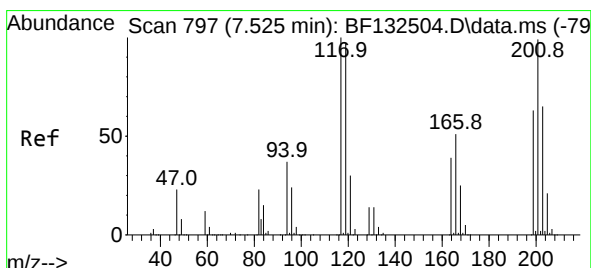
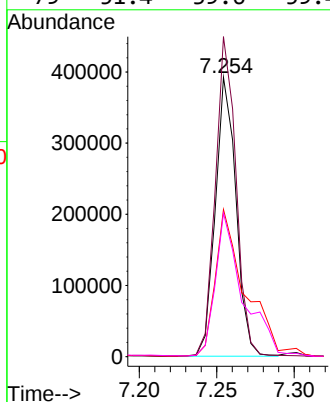
Tgt Ion:107 Resp: 363066
Ion Ratio Lower Upper
107 100
108 114.6 93.0 139.4
77 52.7 42.1 63.1
79 51.4 39.6 59.4

Manual Integrations

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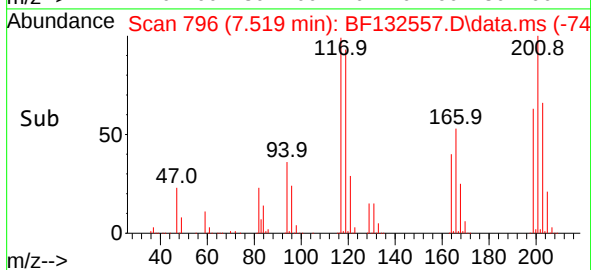
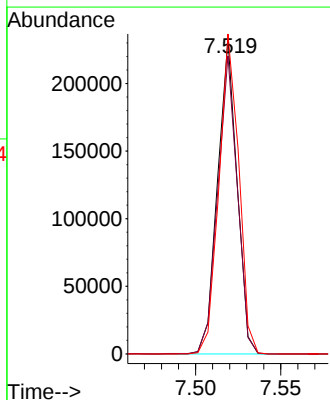
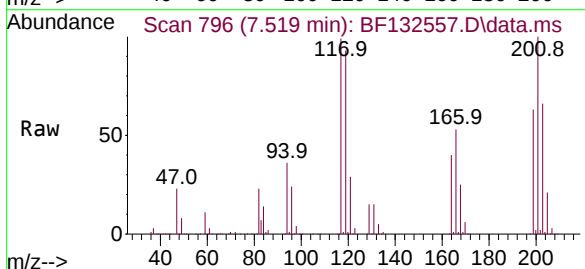
Reviewed By :Yogesh Patel 02/28/2023

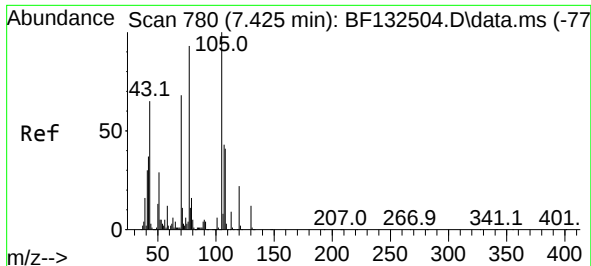
Supervised By :Jagrut Upadhyay 02/28/2023



#18
Hexachloroethane
Concen: 46.948 ng
RT: 7.519 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

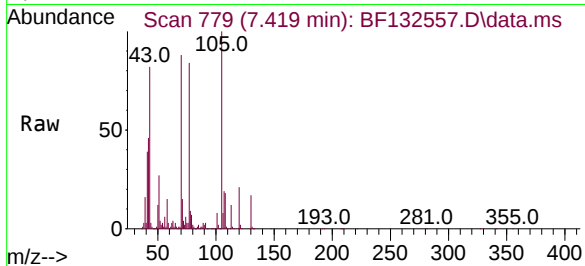
Tgt Ion:117 Resp: 183555
Ion Ratio Lower Upper
117 100
119 94.5 78.0 117.0
201 101.5 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.691 ng
RT: 7.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

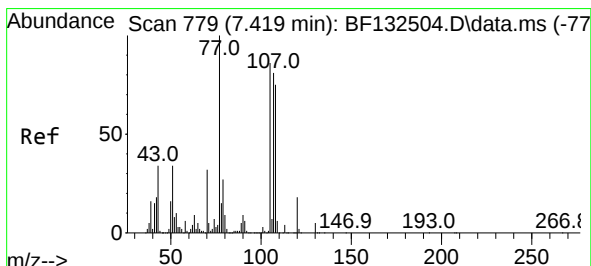
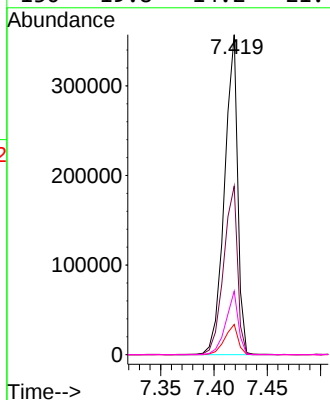
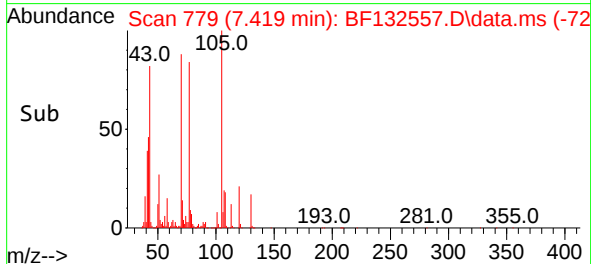
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



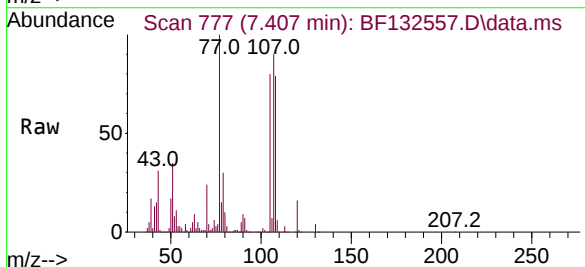
Tgt Ion: 70 Resp: 308554
Ion Ratio Lower Upper
70 100
42 52.6 44.1 66.1
101 9.4 7.4 11.2
130 19.8 14.2 21.4

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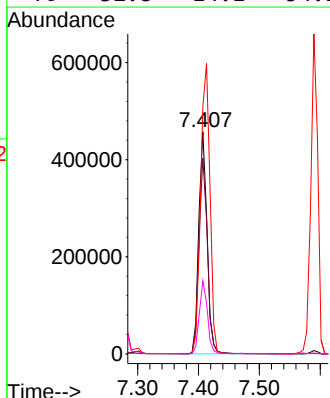
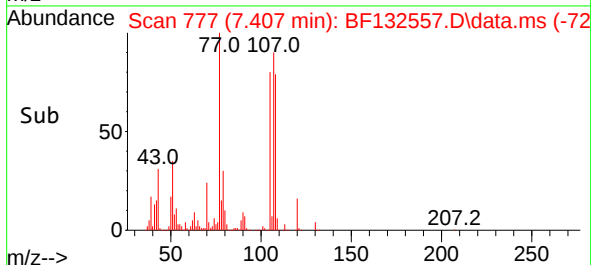
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#20
3+4-Methylphenols
Concen: 38.564 ng
RT: 7.407 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



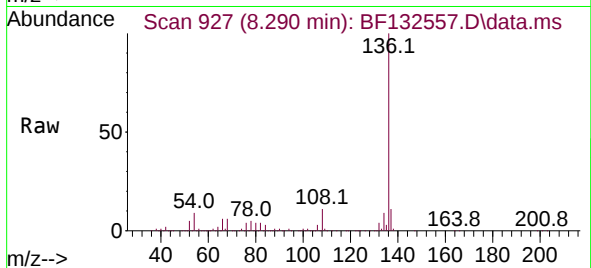
Tgt Ion:107 Resp: 434257
Ion Ratio Lower Upper
107 100
108 88.1 72.6 112.6
77 111.1 104.0 144.0
79 32.8 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.290 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

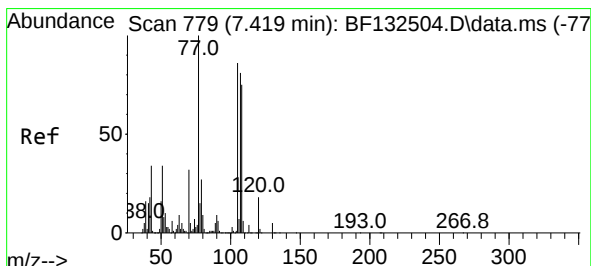
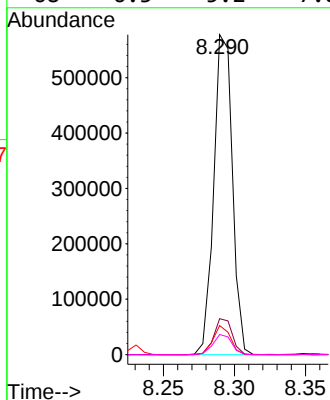
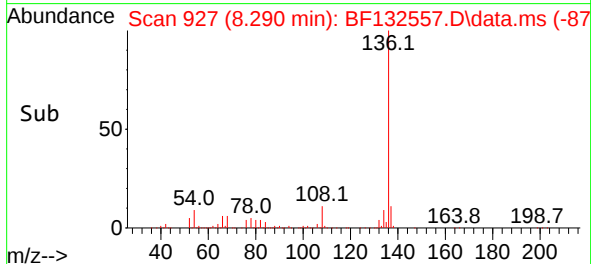
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:136 Resp: 528748
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.1 6.2 9.4
68 6.3 5.2 7.8

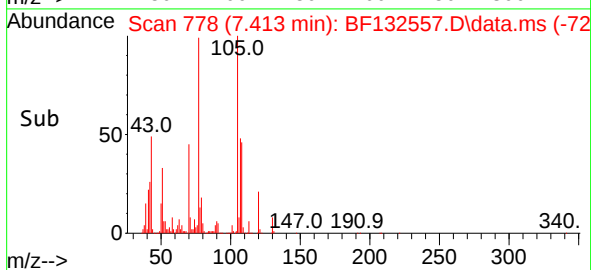
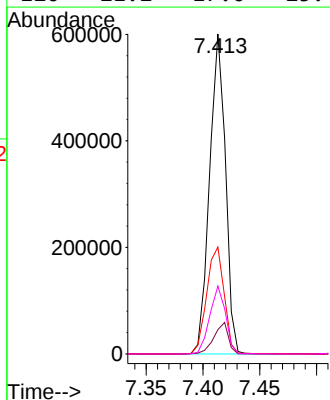
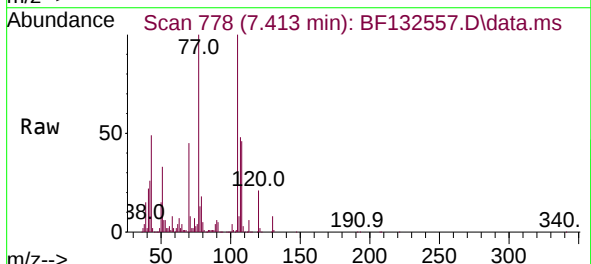
Manual Integrations
APPROVED

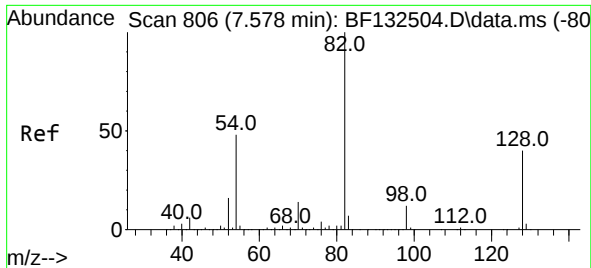
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#22
Acetophenone
Concen: 43.926 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:105 Resp: 585648
Ion Ratio Lower Upper
105 100
71 7.6 5.0 7.4#
51 33.4 31.5 47.3
120 21.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 70.727 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

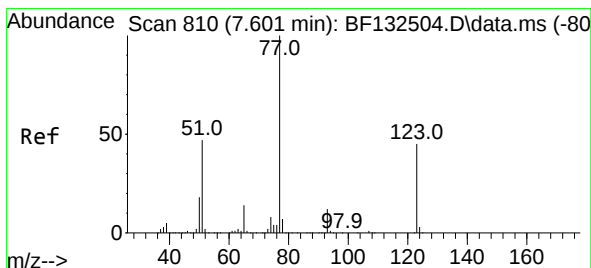
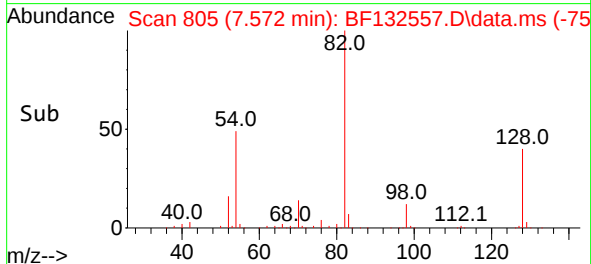
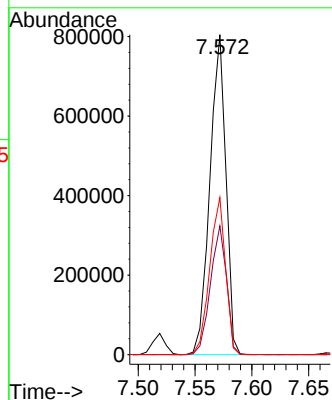
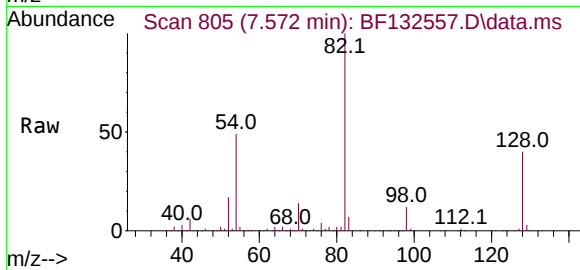
B-19-SB02MS

Tgt Ion: 82 Resp: 788219
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 49.1 38.4 57.6

Manual Integrations

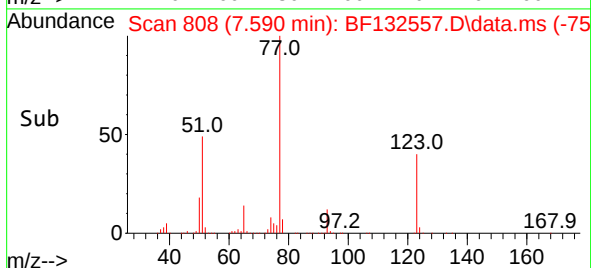
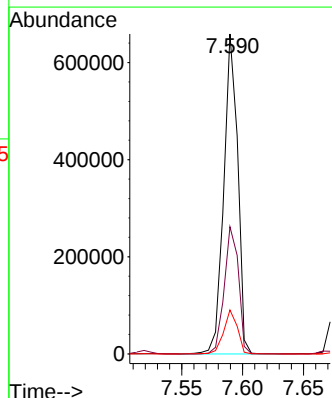
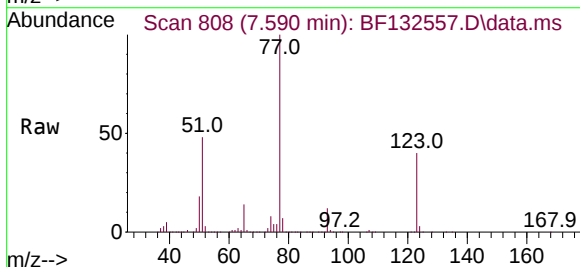
APPROVED

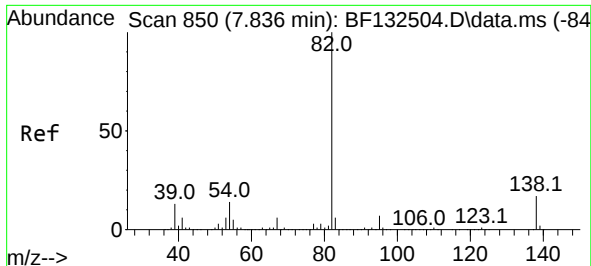
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#24
Nitrobenzene
Concen: 43.973 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

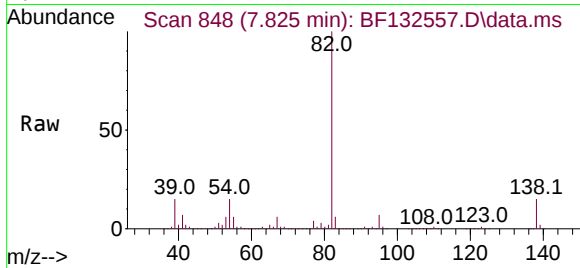
Tgt Ion: 77 Resp: 524113
Ion Ratio Lower Upper
77 100
123 39.7 35.8 53.6
65 13.7 10.9 16.3





#25
Isophorone
Concen: 43.333 ng
RT: 7.825 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

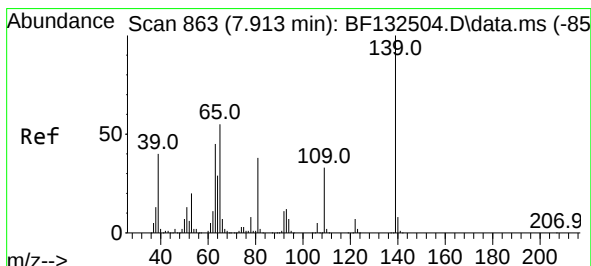
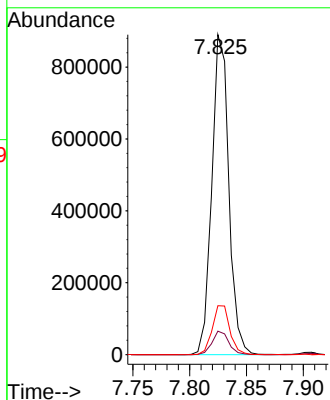
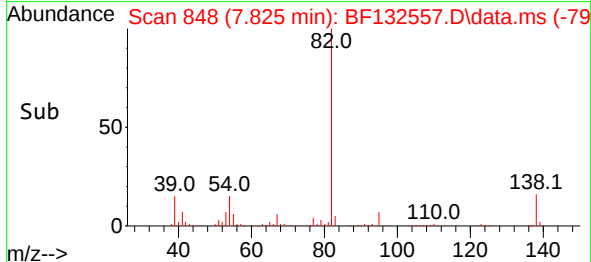
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion: 82 Resp: 925875
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 15.3 13.3 19.9

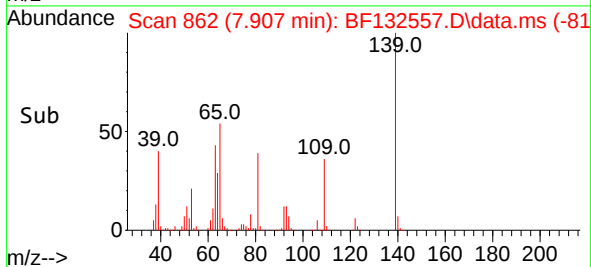
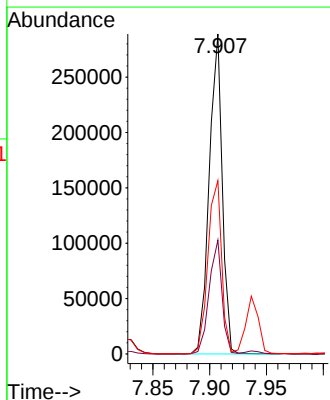
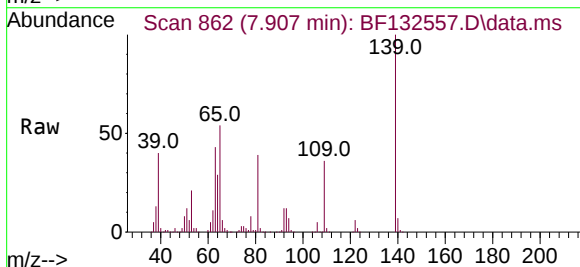
Manual Integrations
APPROVED

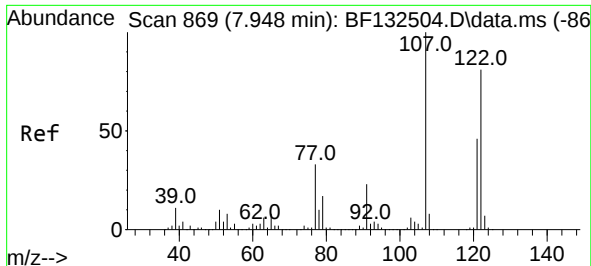
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#26
2-Nitrophenol
Concen: 44.028 ng
RT: 7.907 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:139 Resp: 231537
Ion Ratio Lower Upper
139 100
109 35.5 26.2 39.2
65 54.1 43.8 65.8





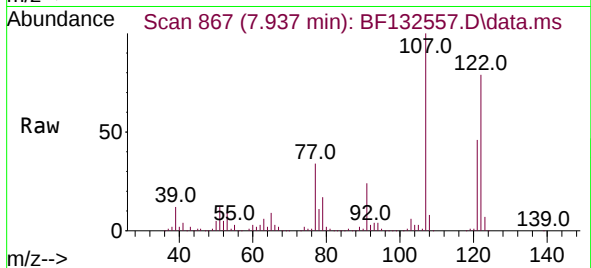
#27
2,4-Dimethylphenol
Concen: 43.846 ng
RT: 7.937 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

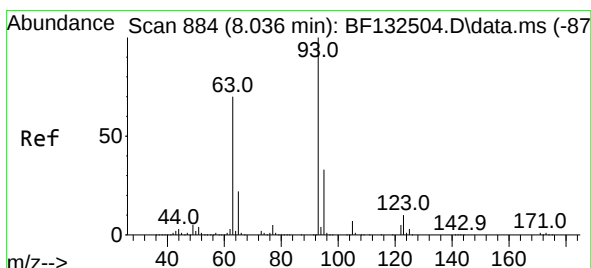
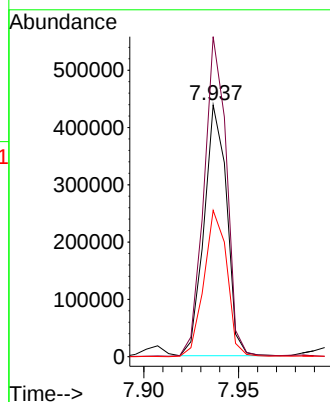
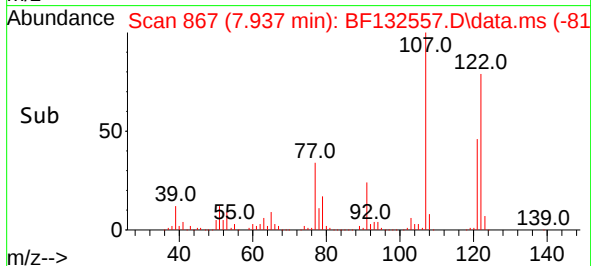


Tgt Ion:122 Resp: 363922
Ion Ratio Lower Upper
122 100
107 127.2 98.7 148.1
121 58.1 45.8 68.6

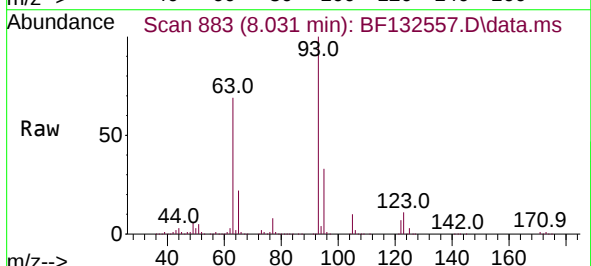
Manual Integrations

APPROVED

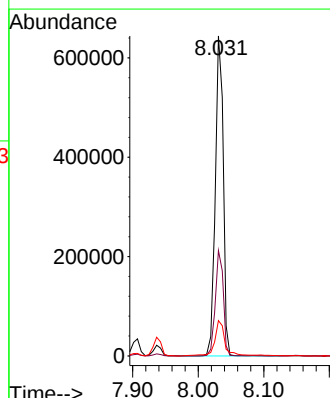
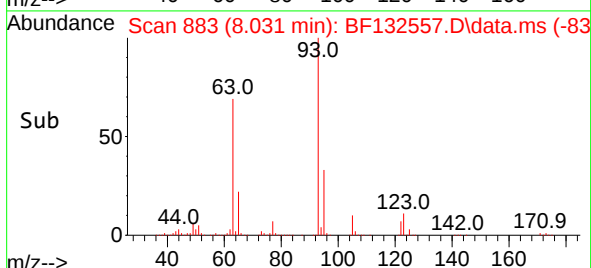
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

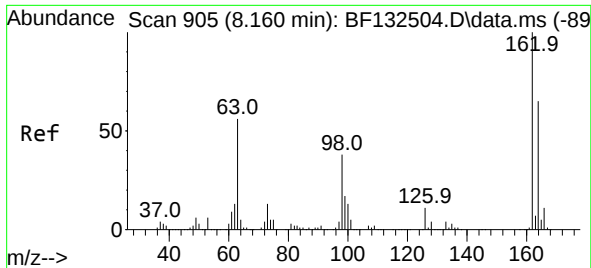


#28
bis(2-Chloroethoxy)methane
Concen: 43.574 ng
RT: 8.031 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



Tgt Ion: 93 Resp: 544637
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.0 8.3 12.5





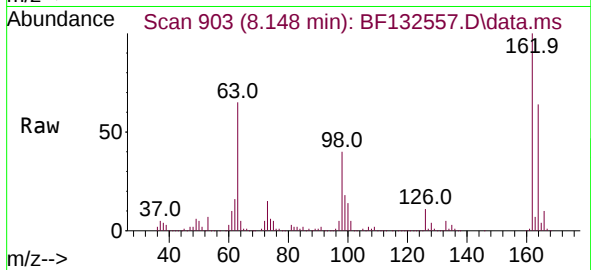
#29
2,4-Dichlorophenol
Concen: 44.042 ng
RT: 8.148 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

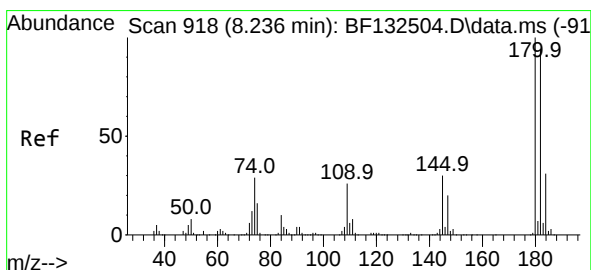
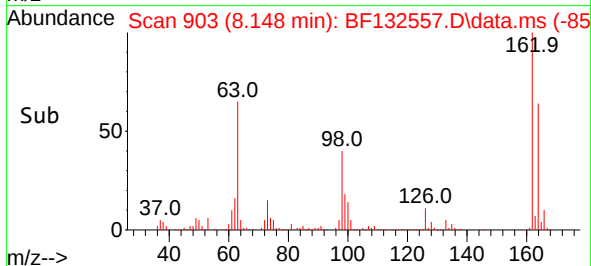
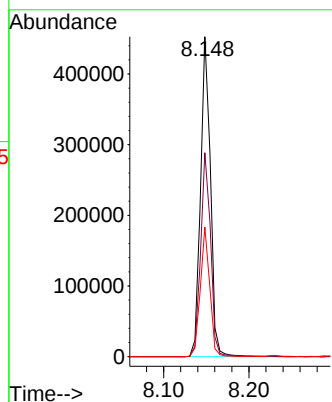


Tgt Ion:162 Resp: 363631
Ion Ratio Lower Upper
162 100
164 63.7 45.3 85.3
98 40.5 17.9 57.9

Manual Integrations

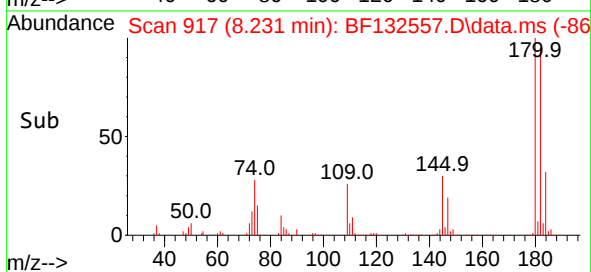
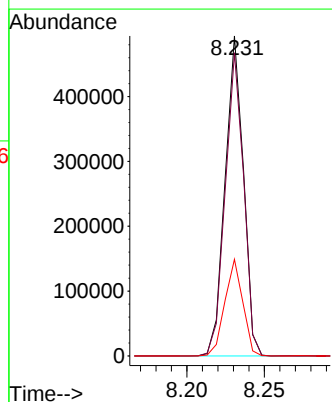
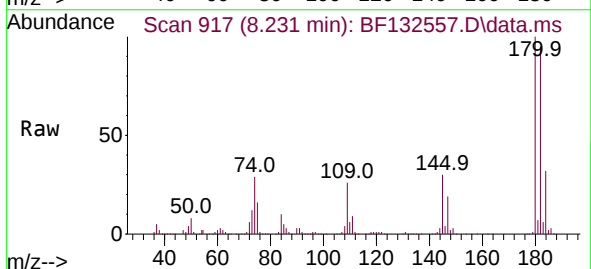
APPROVED

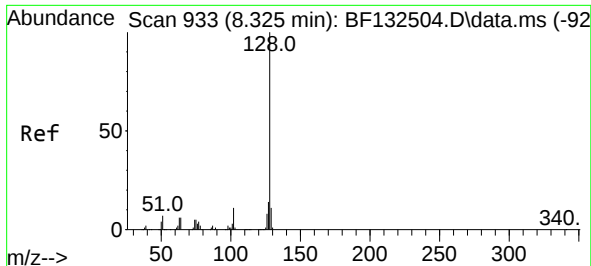
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.323 ng
RT: 8.231 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

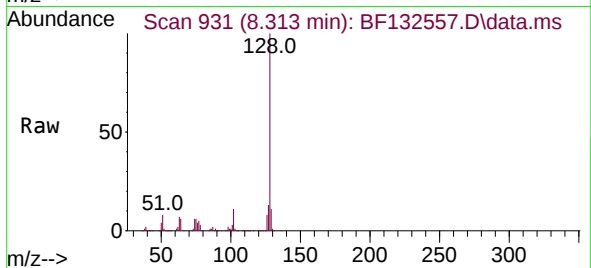
Tgt Ion:180 Resp: 406332
Ion Ratio Lower Upper
180 100
182 94.7 75.1 112.7
145 30.2 23.8 35.6





#31
Naphthalene
Concen: 43.082 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

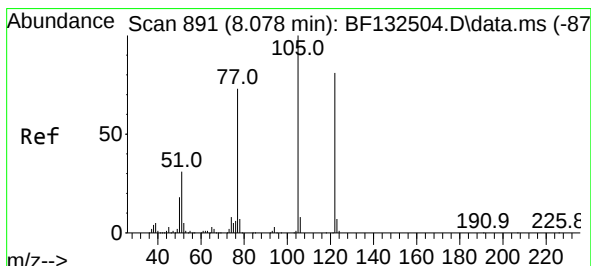
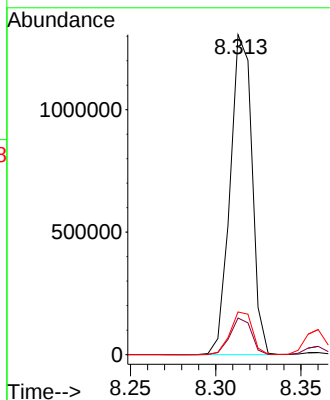
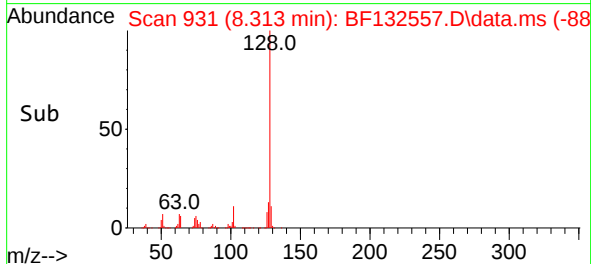
Instrument :
BNA_F
Client Sample Id :
B-19-SB02MS



Tgt Ion:128 Resp: 1166174
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 11.0 16.6

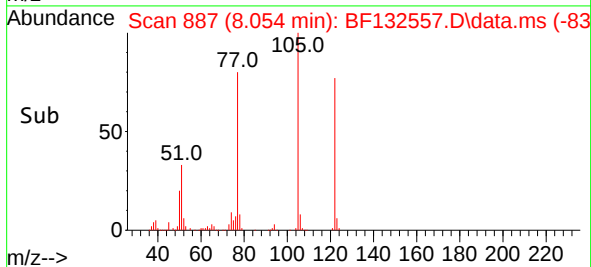
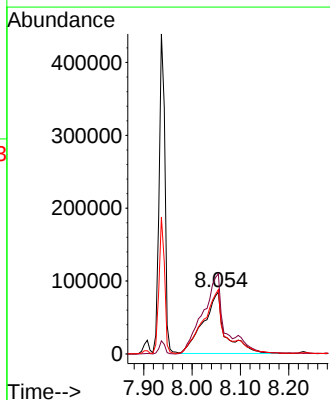
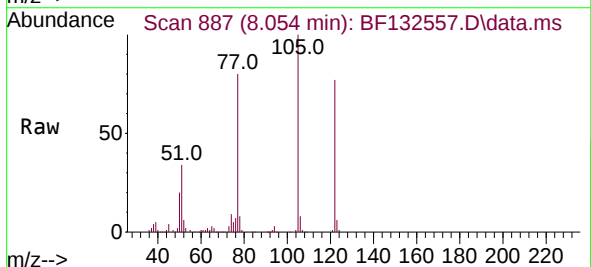
Manual Integrations
APPROVED

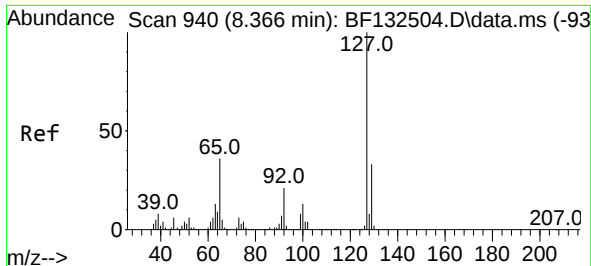
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#32
Benzoic acid
Concen: 41.677 ng m
RT: 8.054 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:122 Resp: 268998
Ion Ratio Lower Upper
122 100
105 129.4 102.6 142.6
77 104.0 70.2 110.2





#33
4-Chloroaniline
Concen: 8.549 ng
RT: 8.360 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

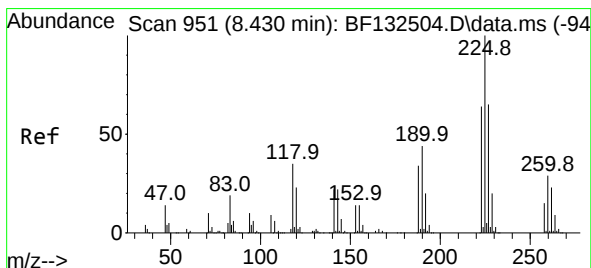
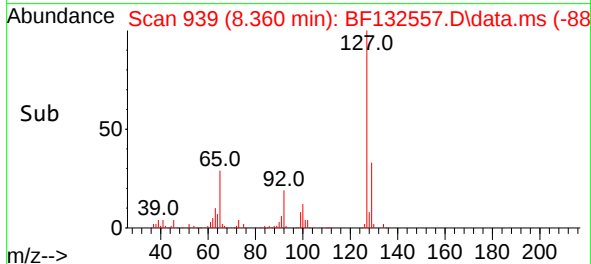
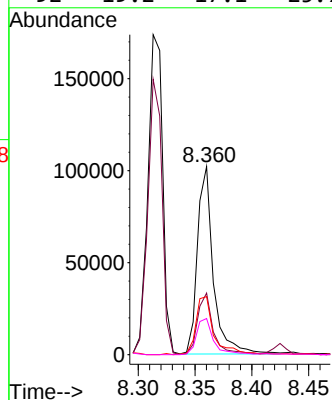
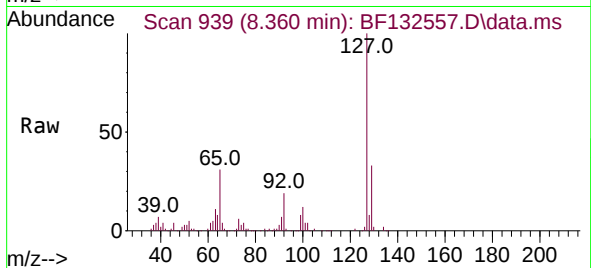
B-19-SB02MS

Tgt Ion:127 Resp: 99159
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 30.8 28.8 43.2
92 19.2 17.1 25.7

Manual Integrations

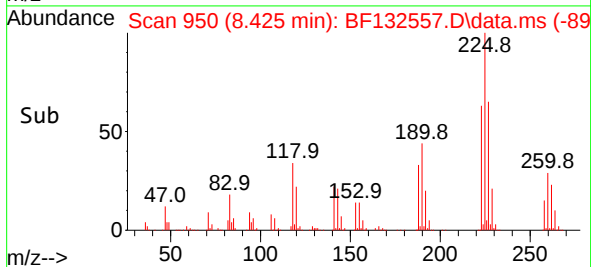
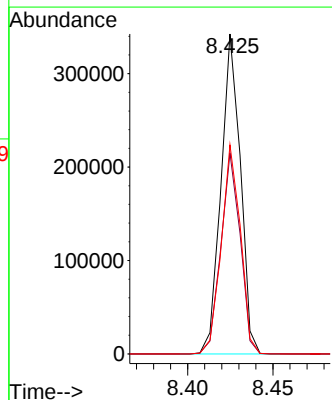
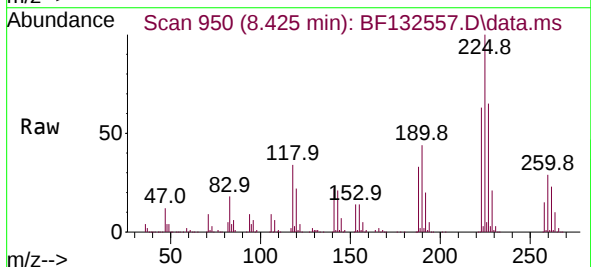
APPROVED

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



#34
Hexachlorobutadiene
Concen: 47.400 ng
RT: 8.425 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

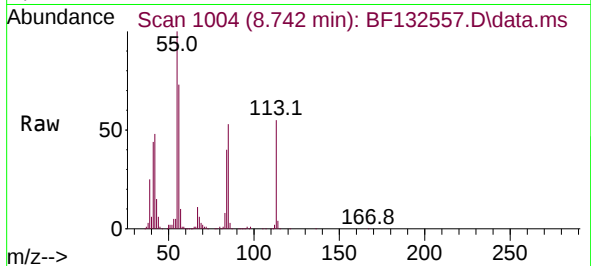
Tgt Ion:225 Resp: 270041
Ion Ratio Lower Upper
225 100
223 62.7 51.0 76.4
227 65.3 51.7 77.5





#35
Caprolactam
Concen: 43.527 ng m
RT: 8.742 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

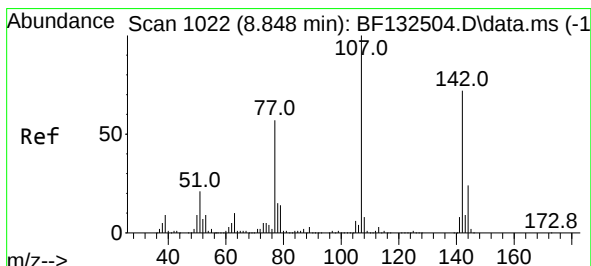
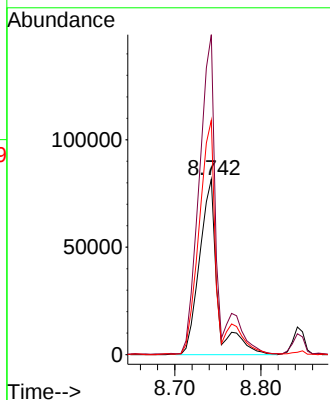
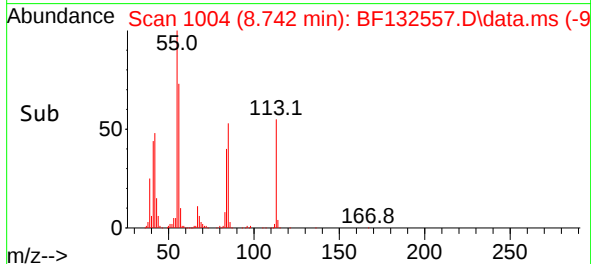
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:113 Resp: 118478
Ion Ratio Lower Upper
113 100
55 182.5 149.4 189.4
56 133.7 105.0 145.0

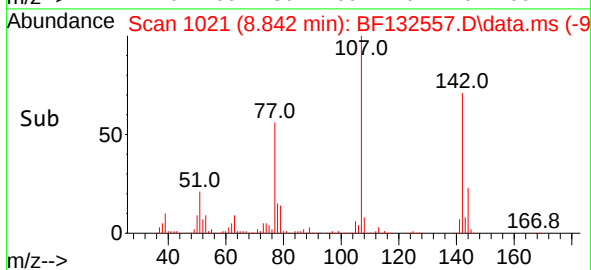
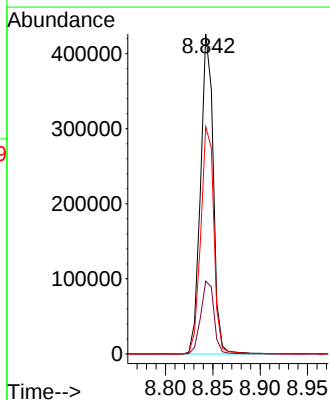
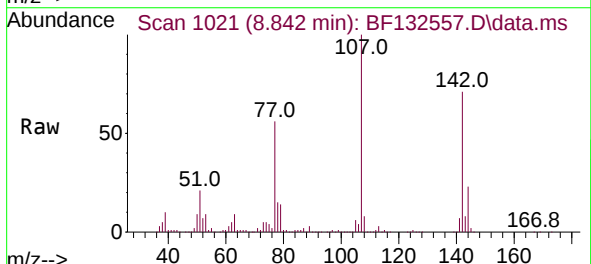
Manual Integrations
APPROVED

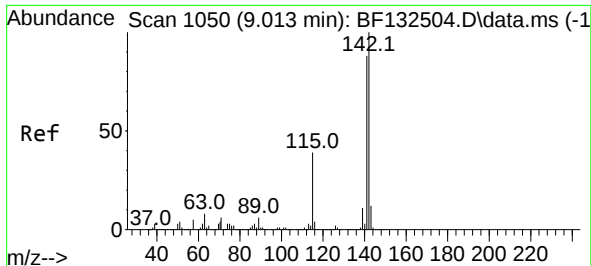
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#36
4-Chloro-3-methylphenol
Concen: 43.718 ng
RT: 8.842 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:107 Resp: 396406
Ion Ratio Lower Upper
107 100
144 22.7 18.9 28.3
142 71.0 57.9 86.9





#37
2-Methylnaphthalene
Concen: 41.818 ng
RT: 9.007 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

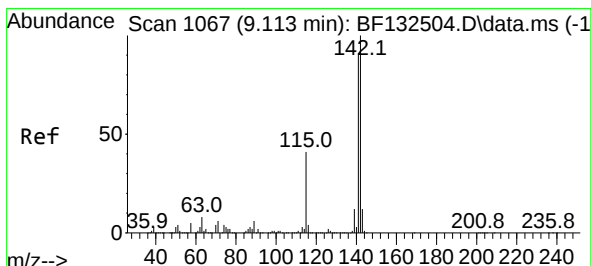
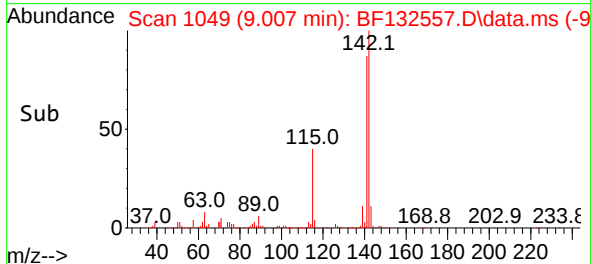
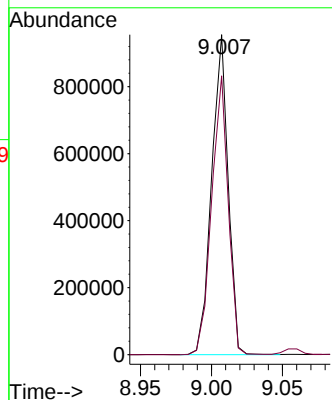
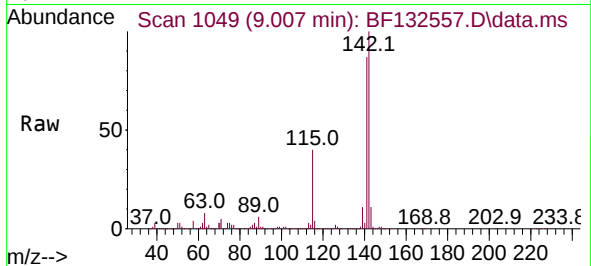
B-19-SB02MS

Tgt Ion:142 Resp: 771418
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.2

Manual Integrations

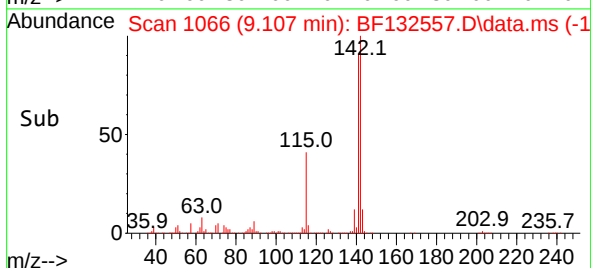
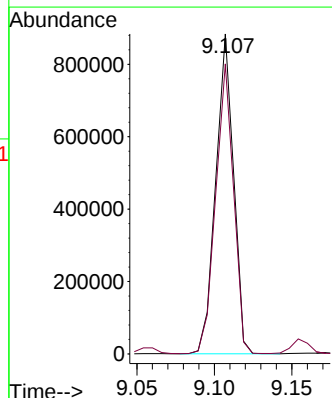
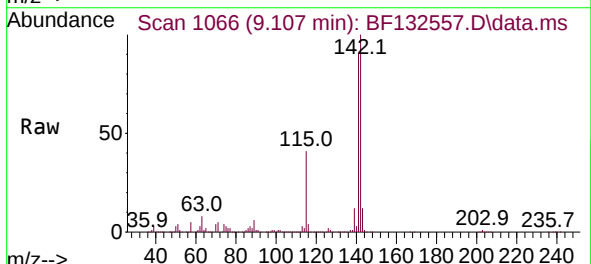
APPROVED

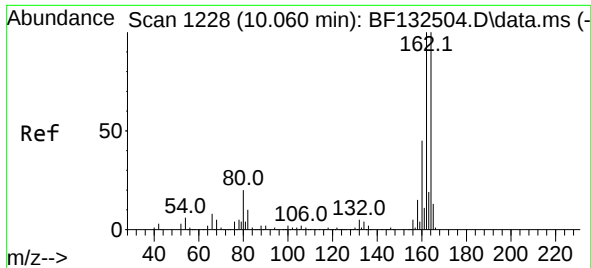
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#38
1-Methylnaphthalene
Concen: 41.093 ng
RT: 9.107 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:142 Resp: 708418
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

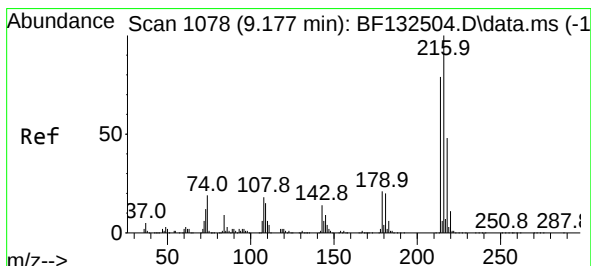
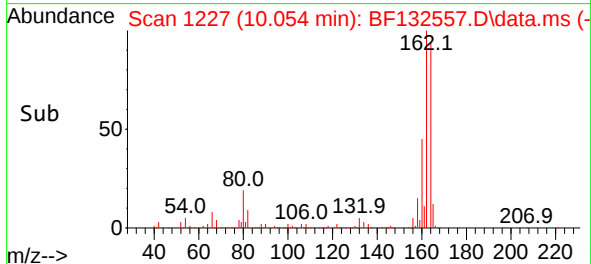
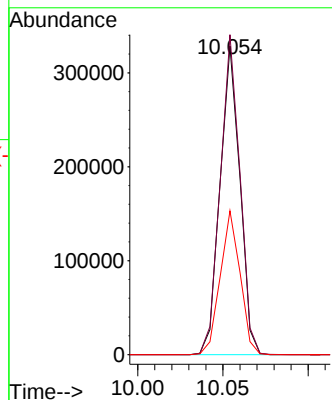
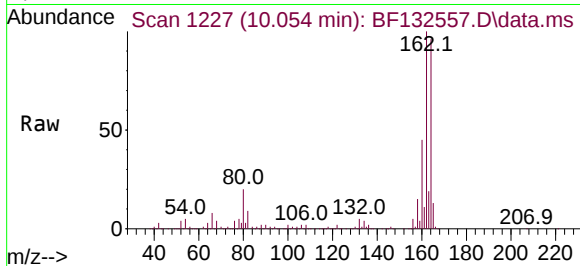
B-19-SB02MS

Tgt Ion:164 Resp: 265436
Ion Ratio Lower Upper
164 100
162 103.7 79.8 119.8
160 46.6 35.8 53.6

Manual Integrations

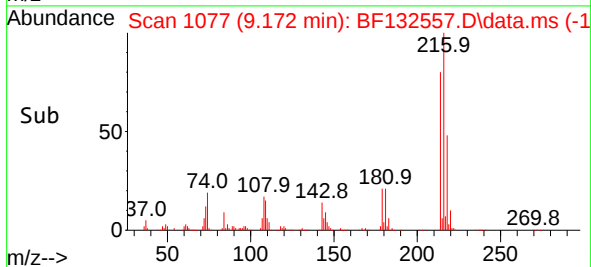
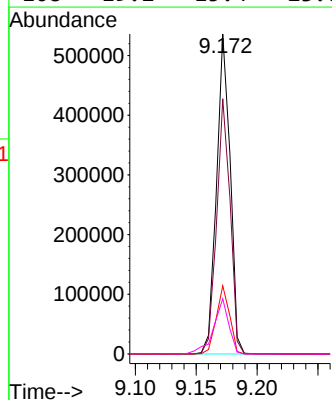
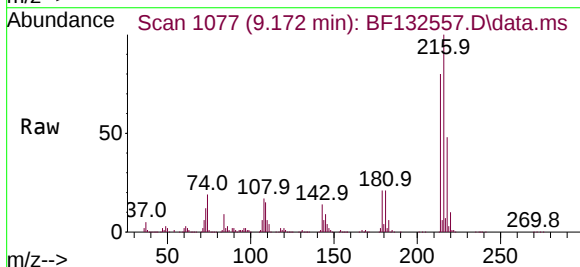
APPROVED

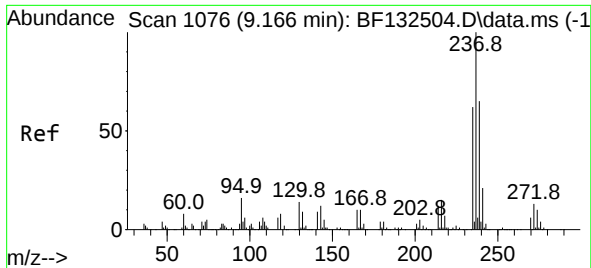
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.844 ng
RT: 9.172 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:216 Resp: 415500
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.6
179 20.7 16.6 24.8
108 19.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 61.668 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

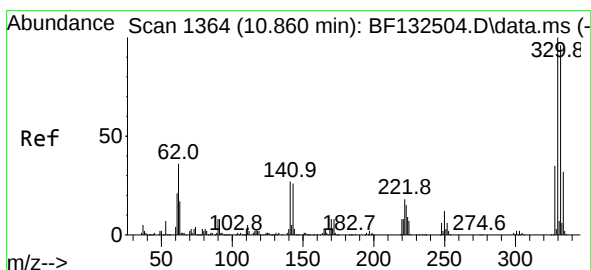
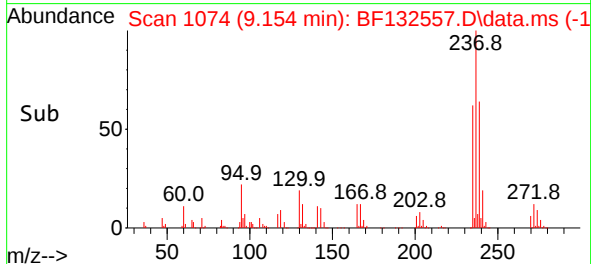
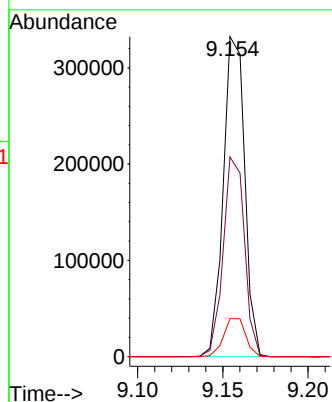
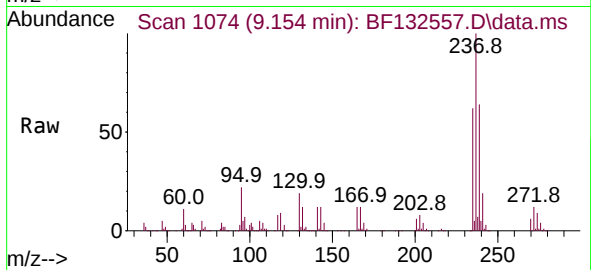
B-19-SB02MS

Tgt Ion:237 Resp: 290480
Ion Ratio Lower Upper
237 100
235 62.4 42.4 82.4
272 11.9 0.0 32.7

Manual Integrations

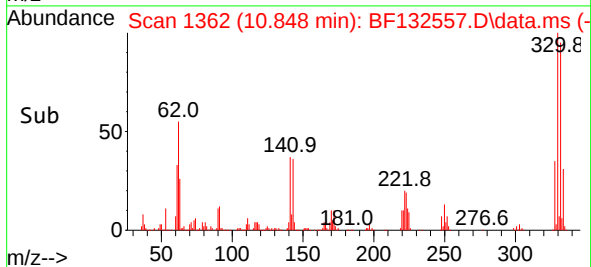
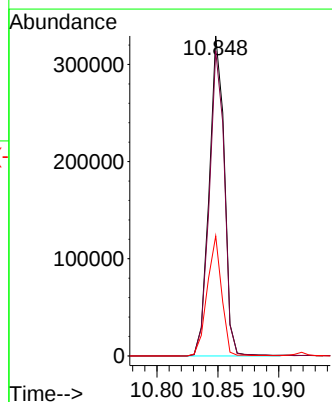
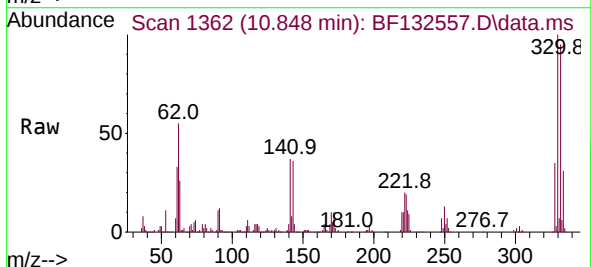
APPROVED

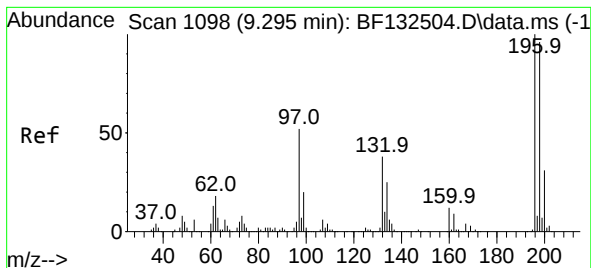
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#42
2,4,6-Tribromophenol
Concen: 99.648 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:330 Resp: 285651
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 35.7 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 46.769 ng

RT: 9.284 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

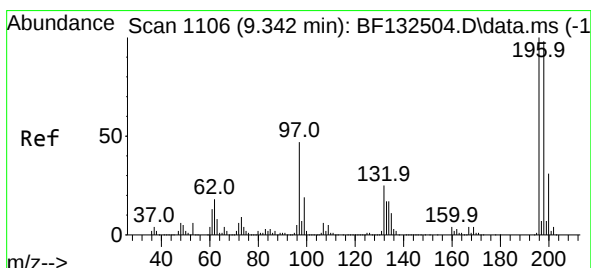
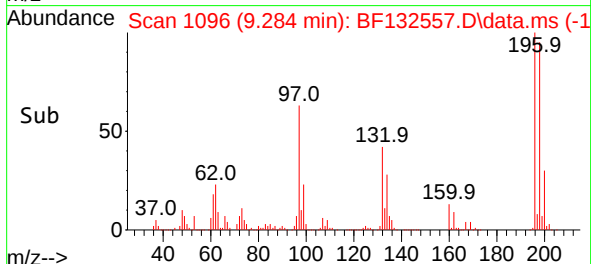
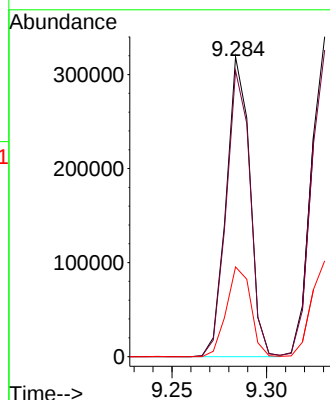
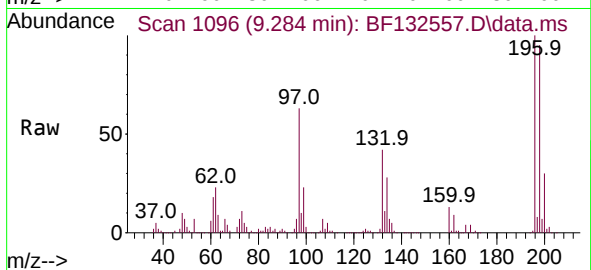
Tgt Ion:196 Resp: 275252
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 200 29.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#44

2,4,5-Trichlorophenol

Concen: 41.945 ng

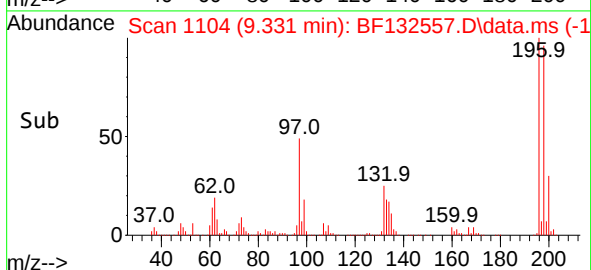
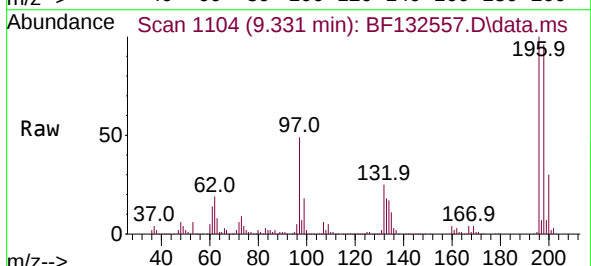
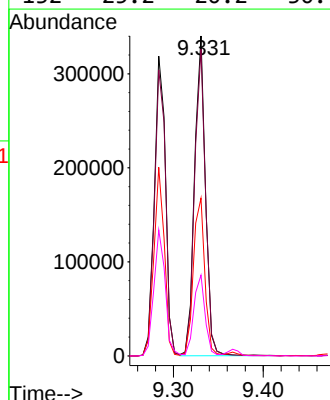
RT: 9.331 min Scan# 1104

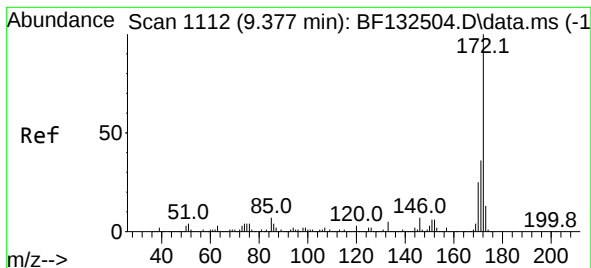
Delta R.T. 0.006 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Tgt Ion:196 Resp: 288124
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.3 117.5
 97 49.3 38.1 57.1
 132 25.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 71.607 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

Tgt Ion:172 Resp: 1248273

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

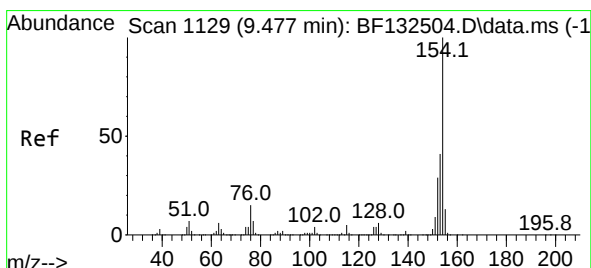
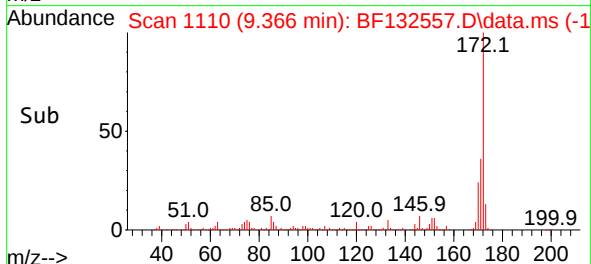
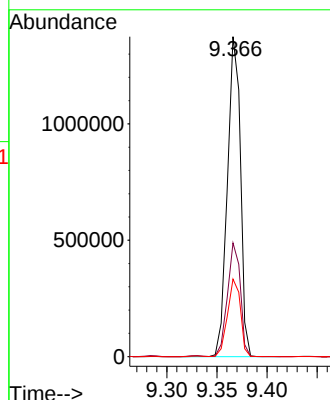
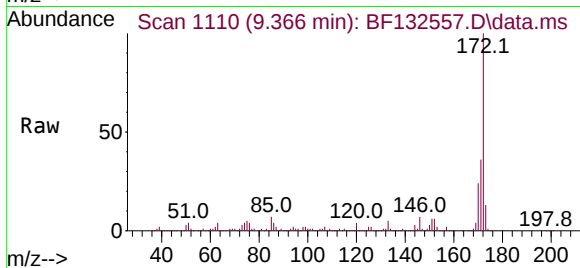
170 24.2 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#46

1,1'-Biphenyl

Concen: 45.971 ng

RT: 9.472 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

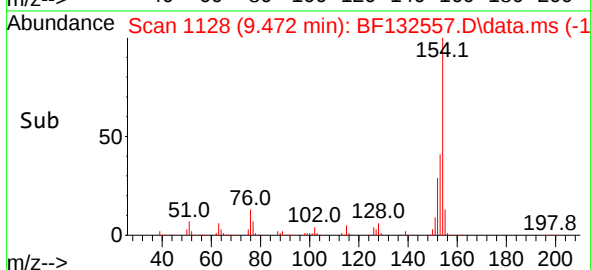
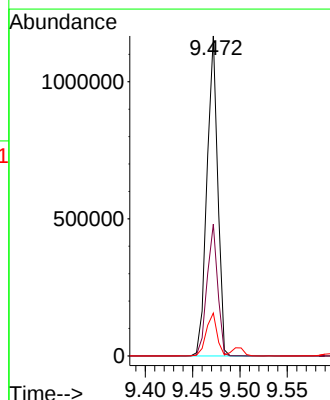
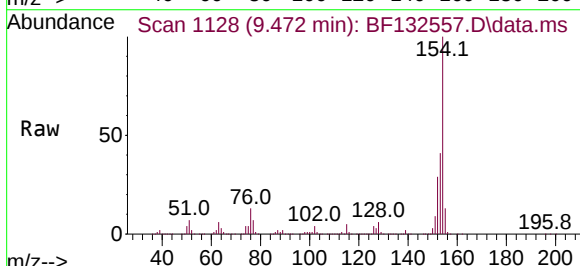
Tgt Ion:154 Resp: 923576

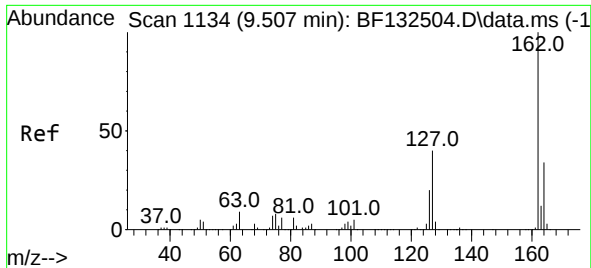
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

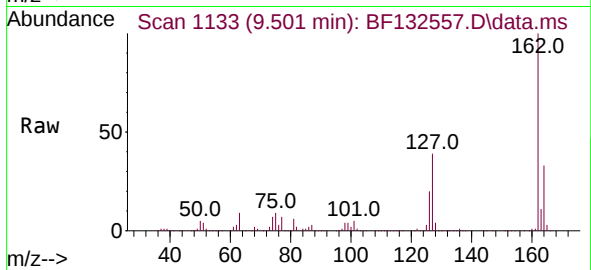
76 13.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 46.328 ng
RT: 9.501 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

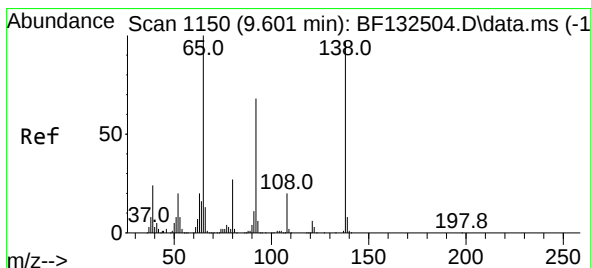
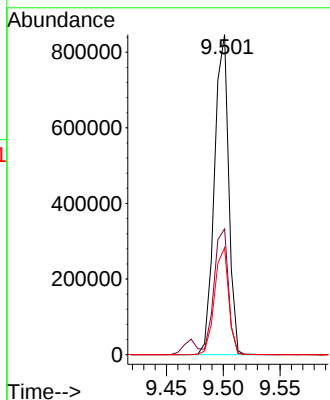
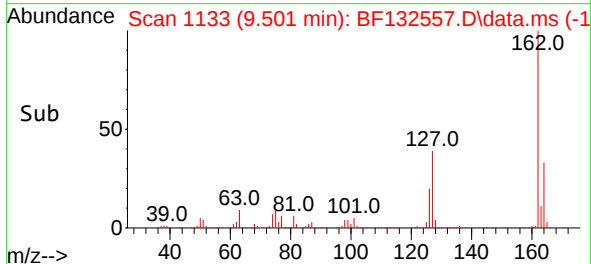
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:162 Resp: 737940
Ion Ratio Lower Upper
162 100
127 39.3 32.3 48.5
164 33.5 26.9 40.3

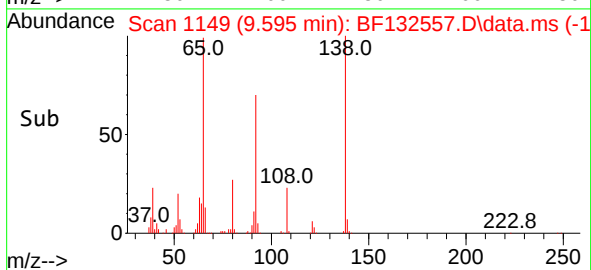
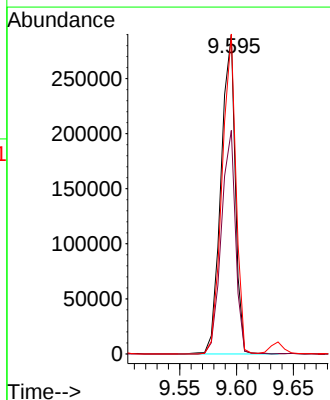
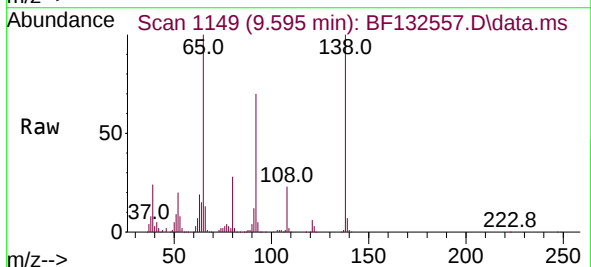
Manual Integrations
APPROVED

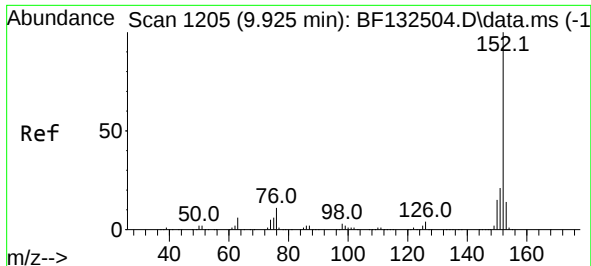
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#48
2-Nitroaniline
Concen: 43.052 ng
RT: 9.595 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion: 65 Resp: 252564
Ion Ratio Lower Upper
65 100
92 70.0 54.5 81.7
138 100.3 77.2 115.8





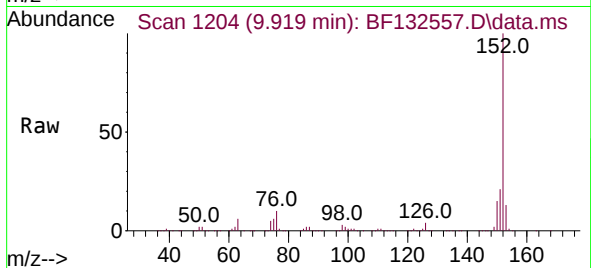
#49
Acenaphthylene
Concen: 43.425 ng
RT: 9.919 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

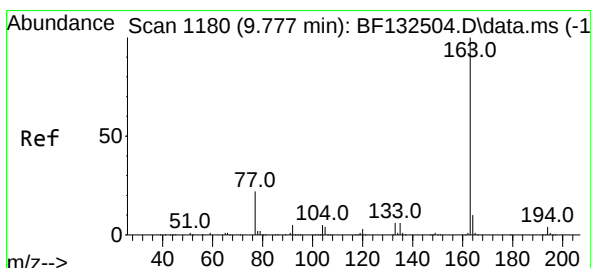
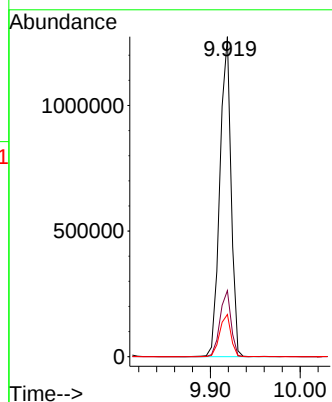
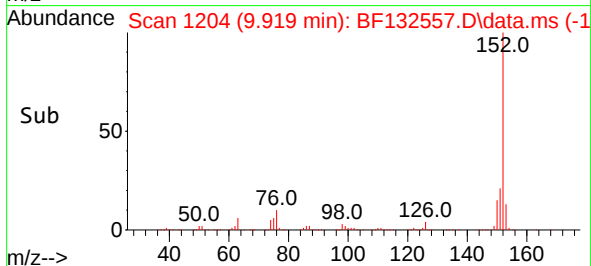


Tgt Ion:152 Resp: 1100846
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.2 11.0 16.6

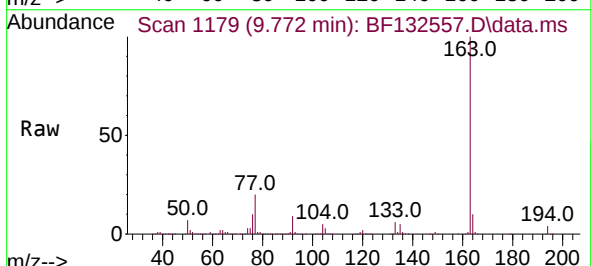
Manual Integrations

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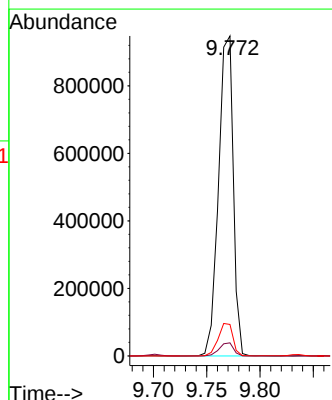
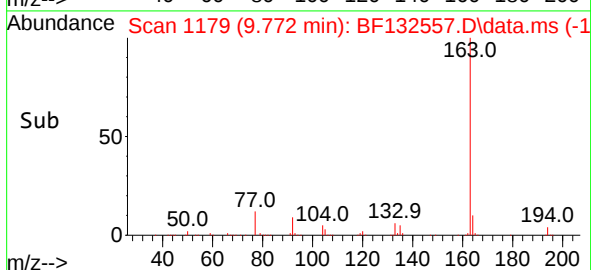
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

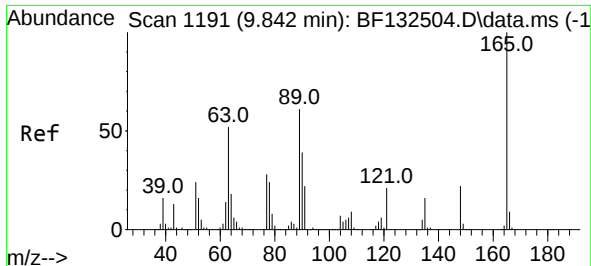


#50
Dimethylphthalate
Concen: 47.326 ng
RT: 9.772 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



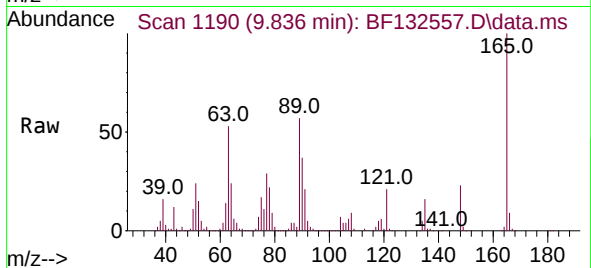
Tgt Ion:163 Resp: 914668
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.663 ng
RT: 9.836 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

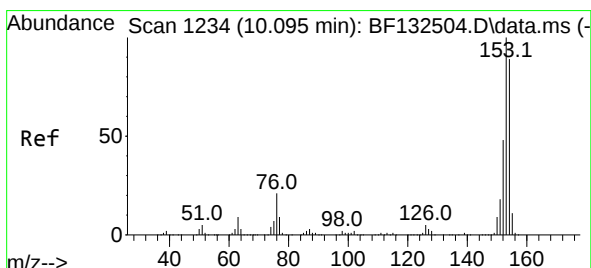
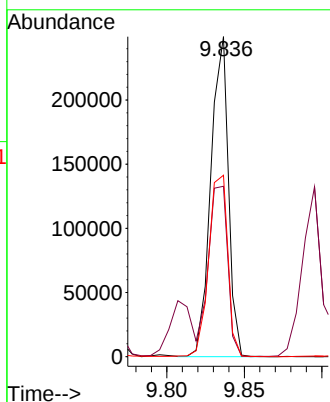
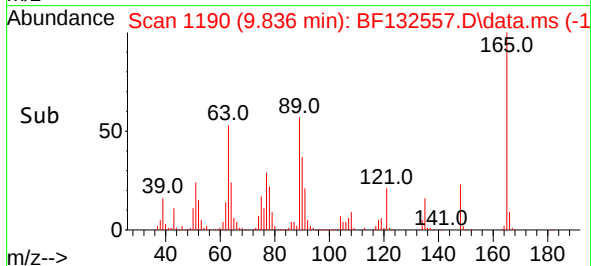
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



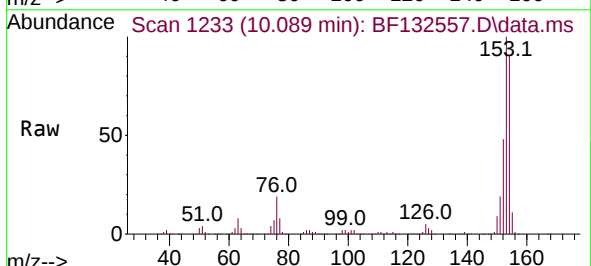
Tgt Ion:165 Resp: 196587
Ion Ratio Lower Upper
165 100
63 53.2 47.3 70.9
89 56.7 48.9 73.3

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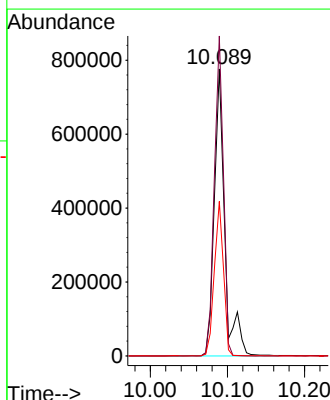
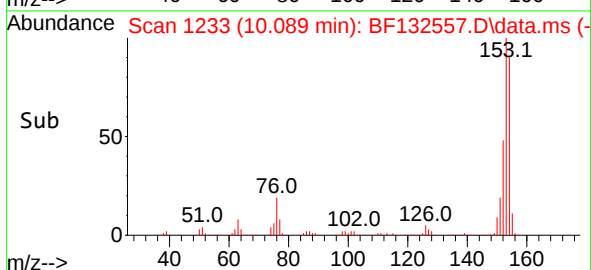
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

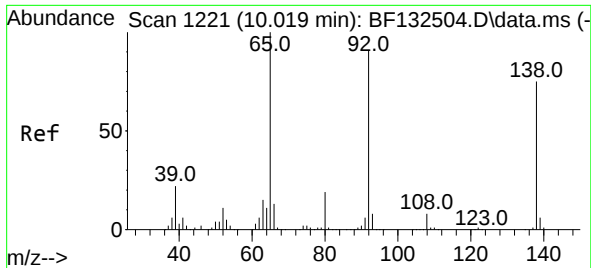


#52
Acenaphthene
Concen: 45.667 ng m
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



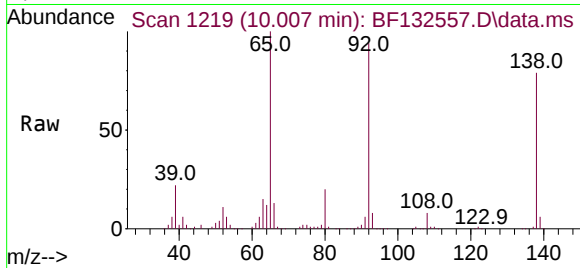
Tgt Ion:154 Resp: 735117
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.9 43.3 64.9





#53
3-Nitroaniline
Concen: 26.672 ng
RT: 10.007 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

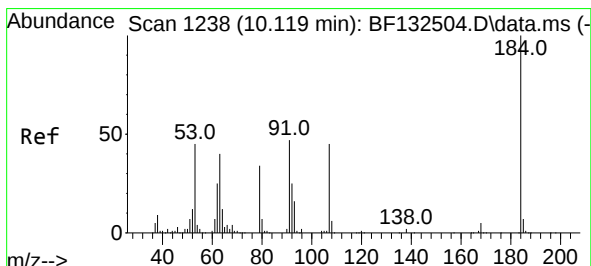
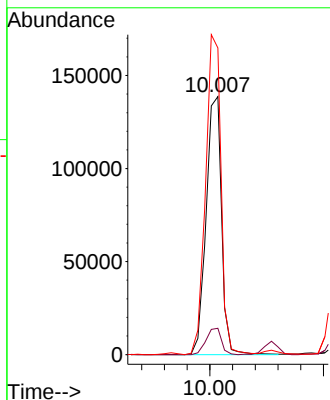
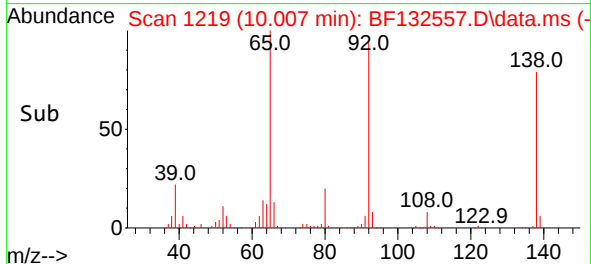
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



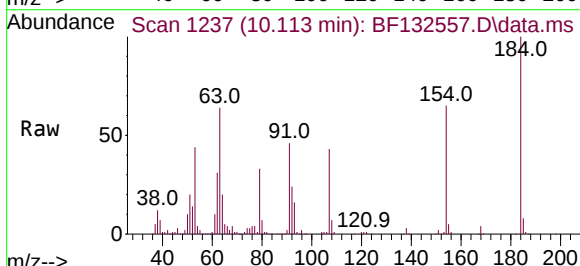
Tgt Ion:138 Resp: 131322
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 118.8 97.2 145.8

Manual Integrations
APPROVED

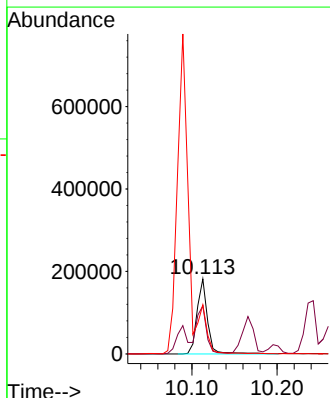
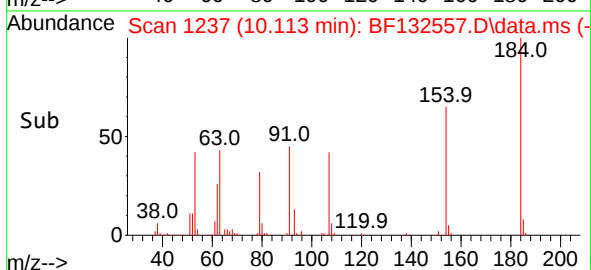
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

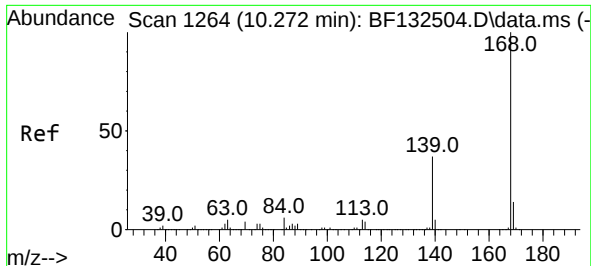


#54
2,4-Dinitrophenol
Concen: 56.440 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



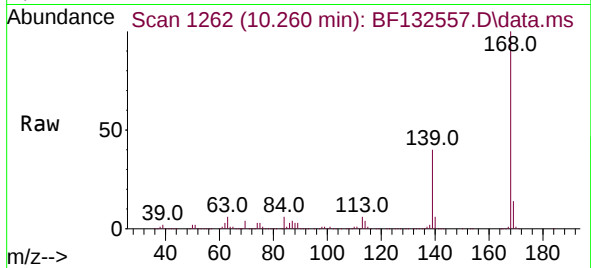
Tgt Ion:184 Resp: 155003
Ion Ratio Lower Upper
184 100
63 64.1 51.4 77.2
154 65.4 48.3 72.5





#55
Dibenzofuran
Concen: 42.866 ng
RT: 10.260 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

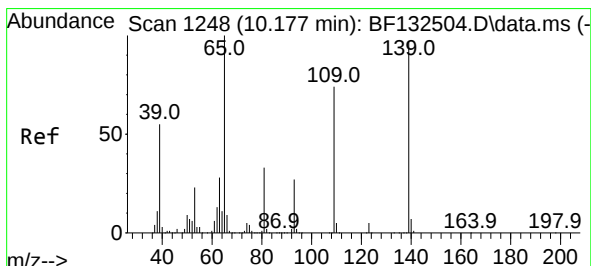
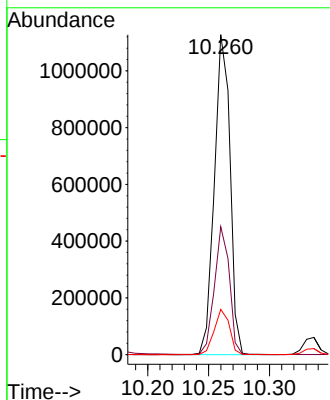
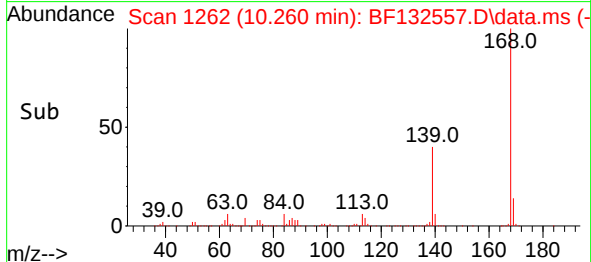
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:168 Resp: 100594
Ion Ratio Lower Upper
168 100
139 40.0 29.8 44.6
169 14.1 10.9 16.3

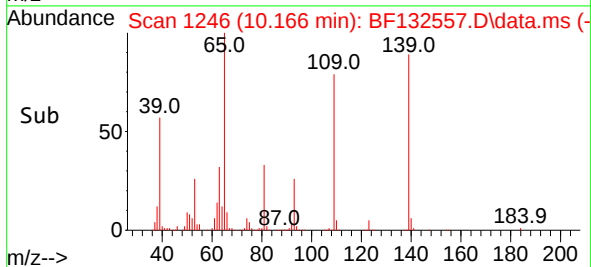
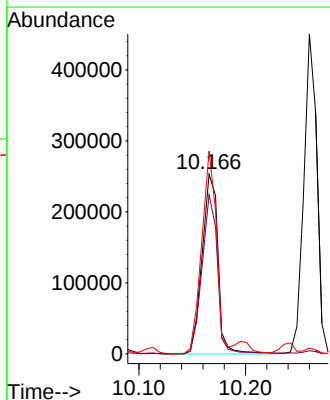
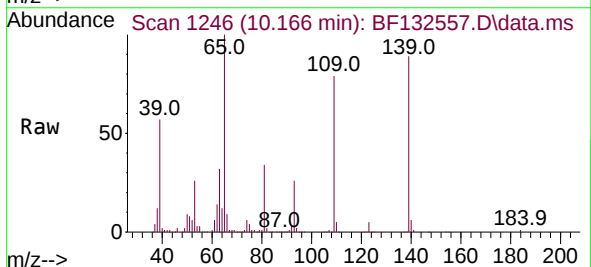
Manual Integrations
APPROVED

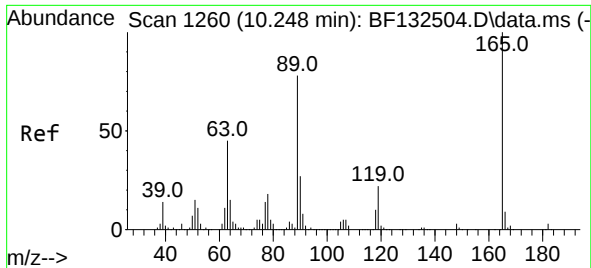
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#56
4-Nitrophenol
Concen: 71.264 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:139 Resp: 261674
Ion Ratio Lower Upper
139 100
109 88.6 56.7 96.7
65 112.8 83.5 123.5





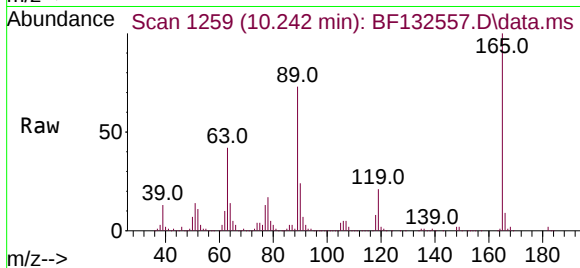
#57
2,4-Dinitrotoluene
Concen: 42.392 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

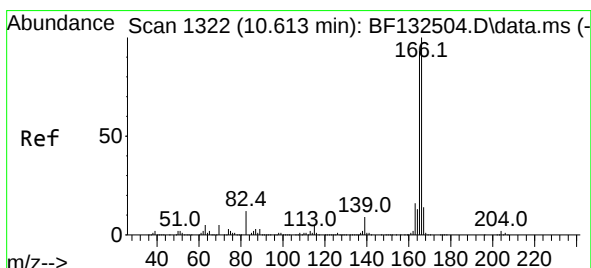
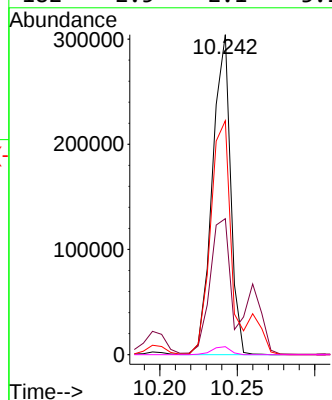
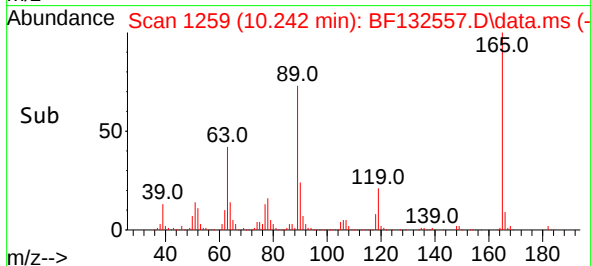


Tgt Ion:165 Resp: 248232
Ion Ratio Lower Upper
165 100
63 42.5 36.5 54.7
89 73.1 62.4 93.6
182 2.5 2.1 3.1

Manual Integrations

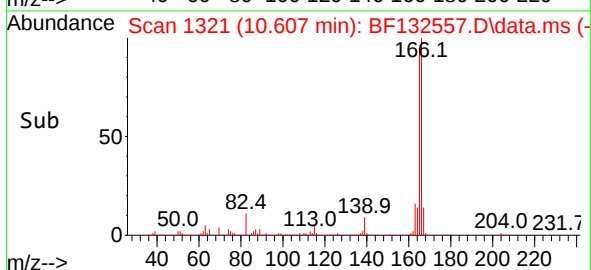
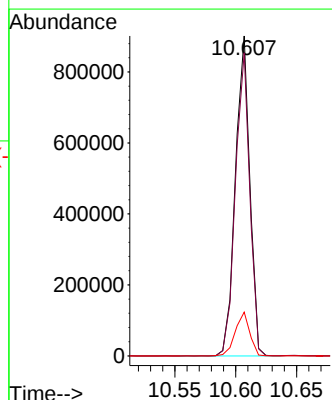
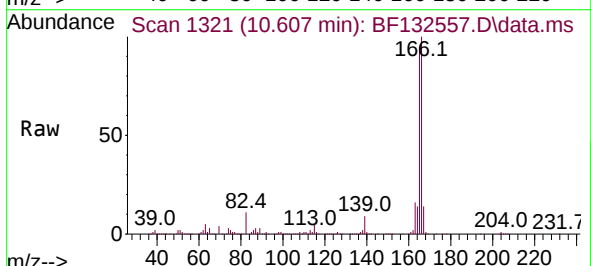
APPROVED

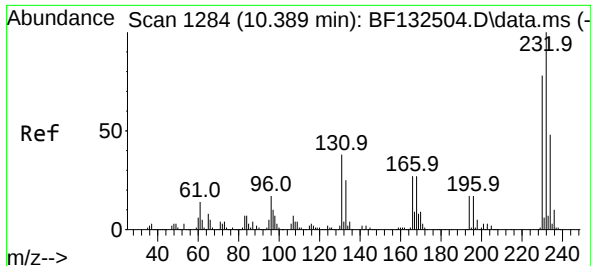
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#58
Fluorene
Concen: 41.415 ng
RT: 10.607 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

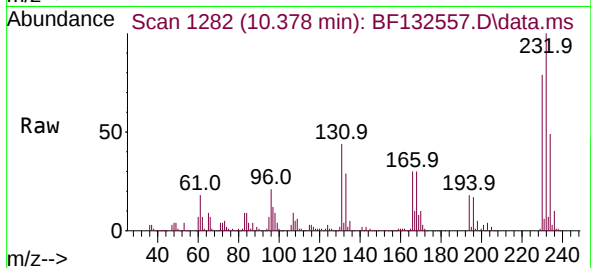
Tgt Ion:166 Resp: 743417
Ion Ratio Lower Upper
166 100
165 94.7 74.2 111.4
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.687 ng
RT: 10.378 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

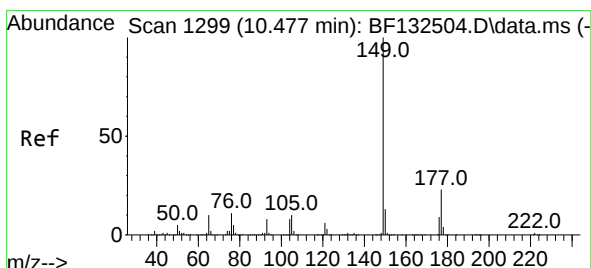
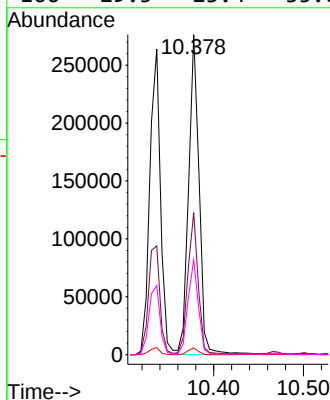
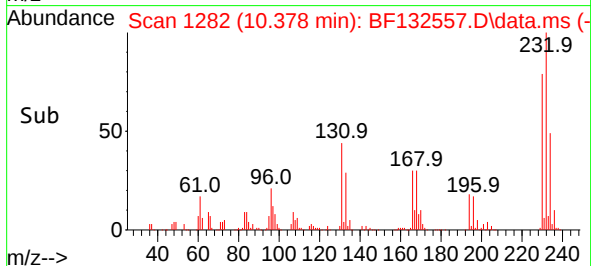
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



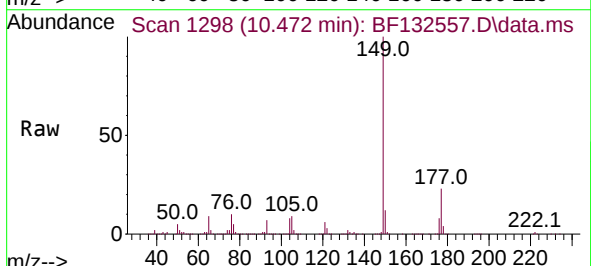
Tgt Ion:232 Resp: 222917
Ion Ratio Lower Upper
232 100
131 44.0 33.8 50.8
130 2.0 1.7 2.5
166 29.5 23.4 35.0

Manual Integrations
APPROVED

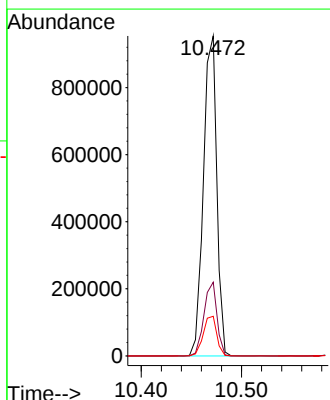
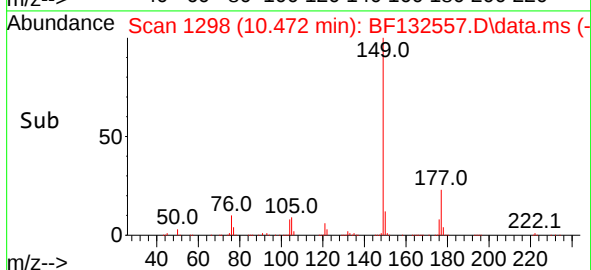
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

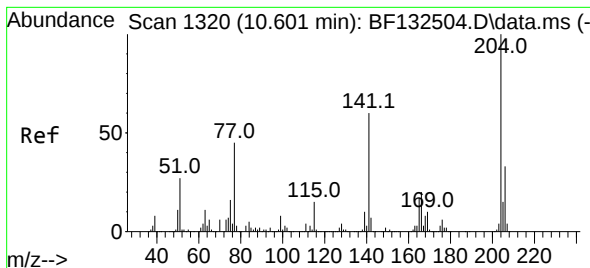


#60
Diethylphthalate
Concen: 46.593 ng
RT: 10.472 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



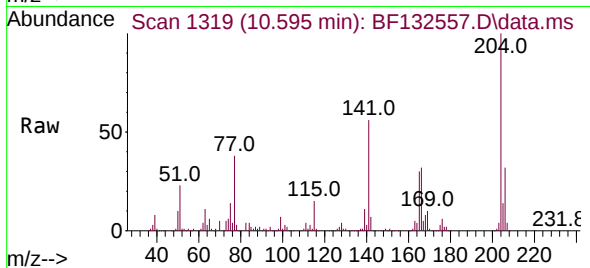
Tgt Ion:149 Resp: 879485
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.327 ng
RT: 10.595 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

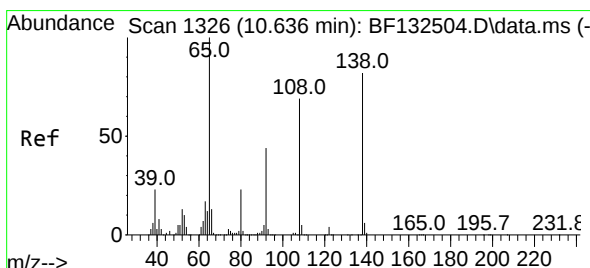
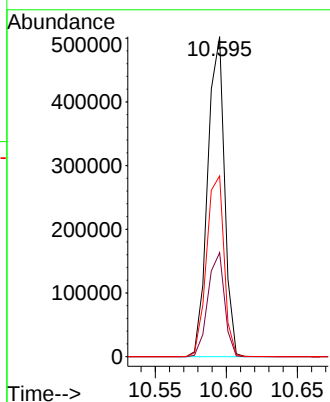
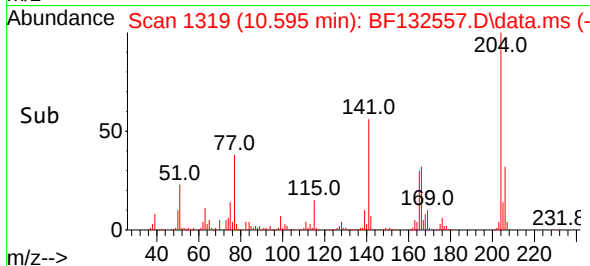
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:204 Resp: 412773
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 56.5 47.8 71.8

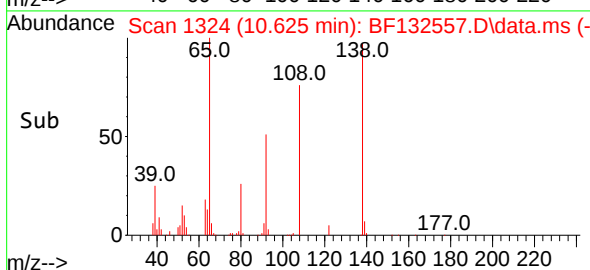
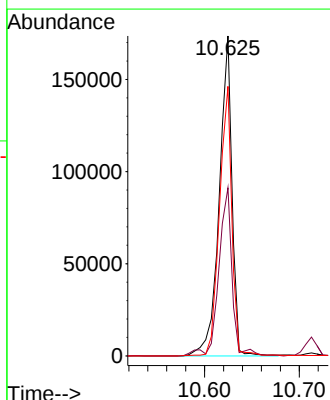
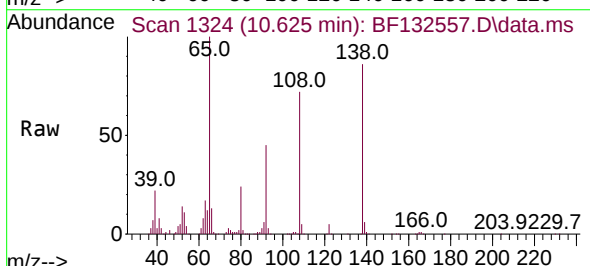
Manual Integrations
APPROVED

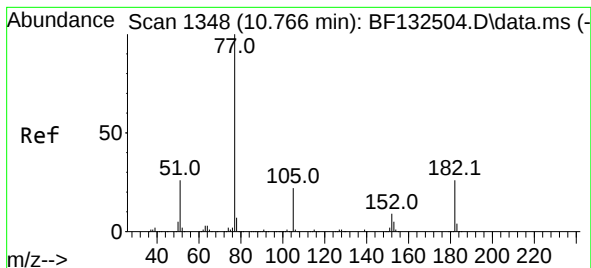
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#62
4-Nitroaniline
Concen: 33.578 ng
RT: 10.625 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:138 Resp: 162285
Ion Ratio Lower Upper
138 100
92 52.5 33.8 73.8
108 84.2 63.7 103.7





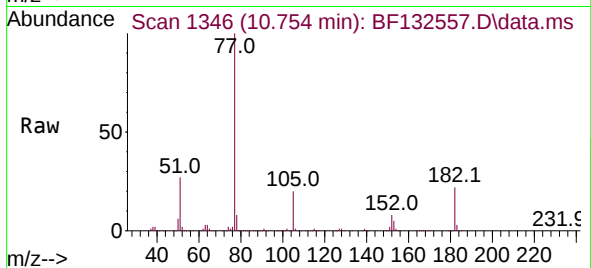
#63
Azobenzene
Concen: 54.321 ng
RT: 10.754 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

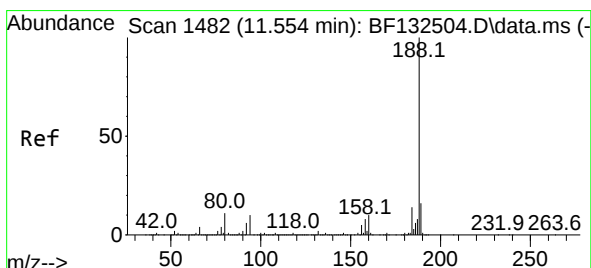
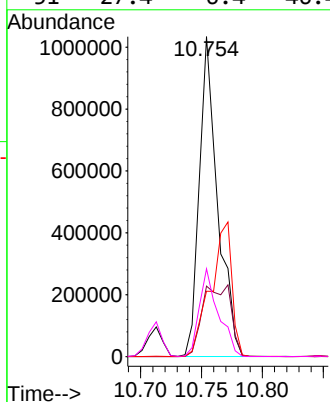
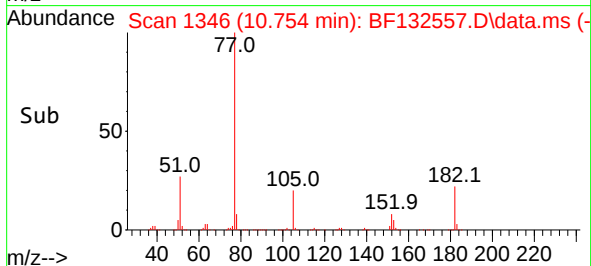


Tgt Ion: 77 Resp: 1085923
Ion Ratio Lower Upper
77 100
182 22.0 5.5 45.5
105 20.4 1.8 41.8
51 27.4 6.4 46.4

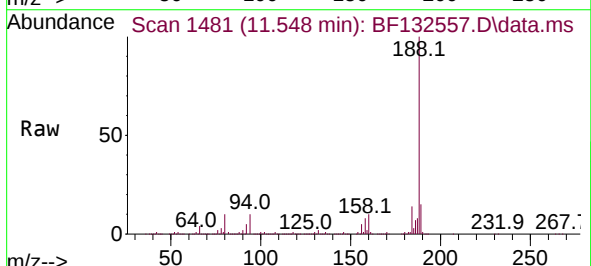
Manual Integrations

APPROVED

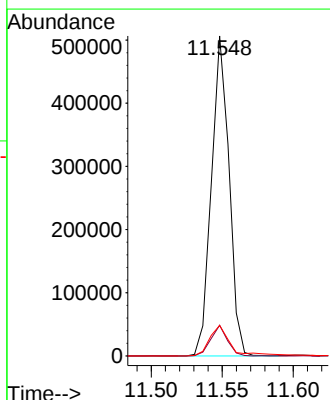
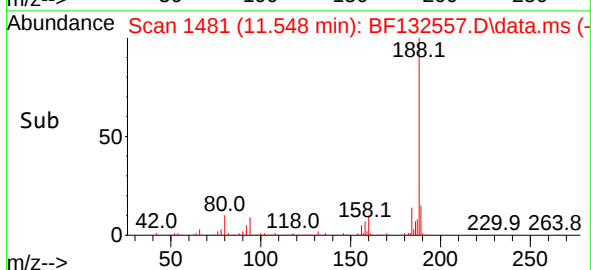
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

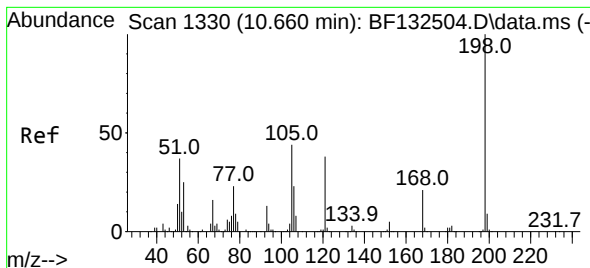


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



Tgt Ion:188 Resp: 438030
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 9.5 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 35.768 ng
RT: 10.648 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

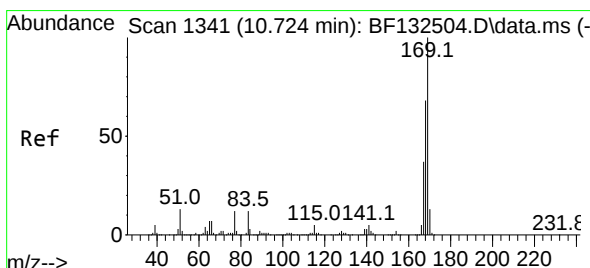
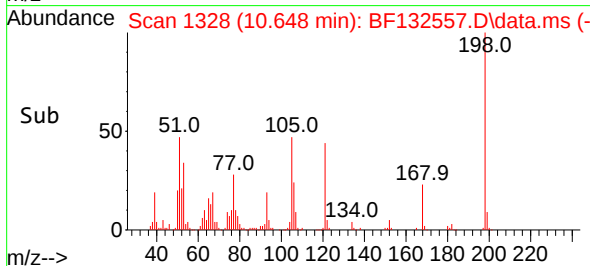
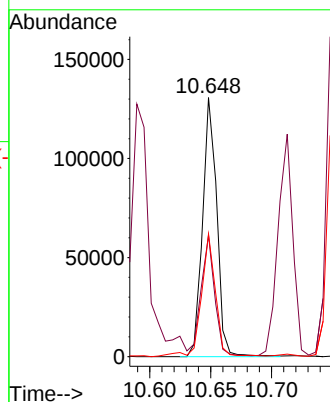
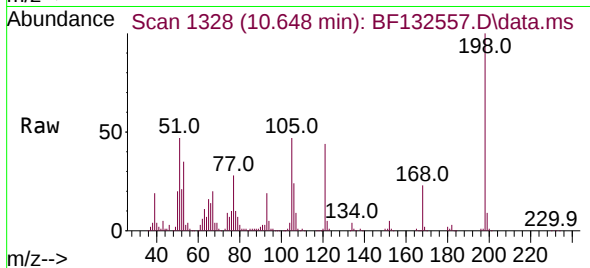
B-19-SB02MS

Tgt Ion:198 Resp: 106062
Ion Ratio Lower Upper
198 100
51 46.9 20.6 60.6
105 47.4 24.3 64.3

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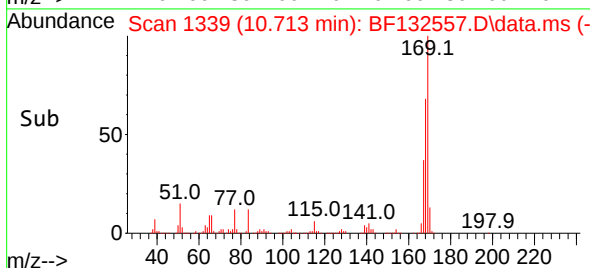
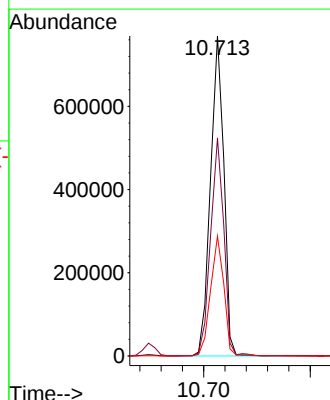
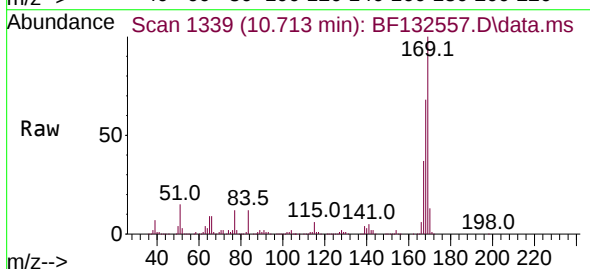
APPROVED

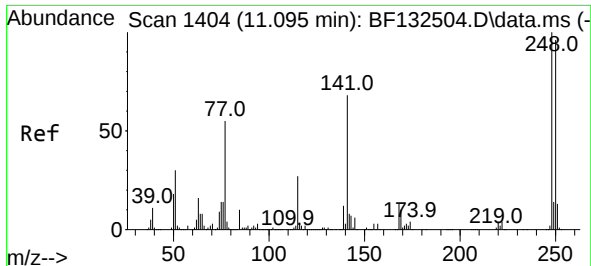
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#66
n-Nitrosodiphenylamine
Concen: 48.928 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

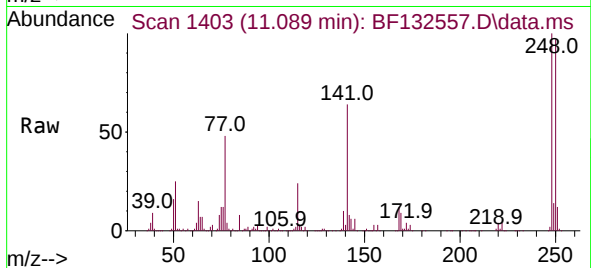
Tgt Ion:169 Resp: 668150
Ion Ratio Lower Upper
169 100
168 68.1 54.2 81.4
167 37.4 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 48.927 ng
RT: 11.089 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

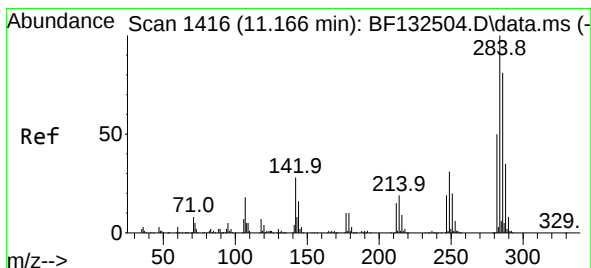
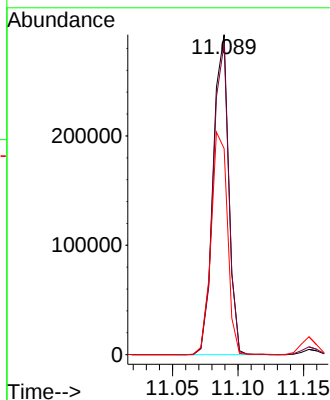
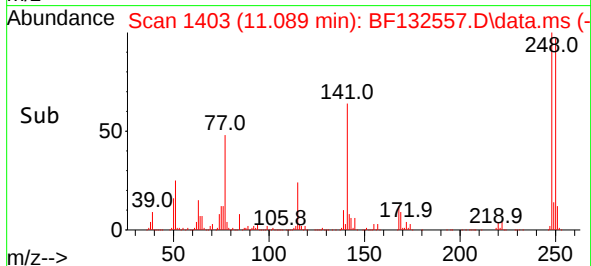
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



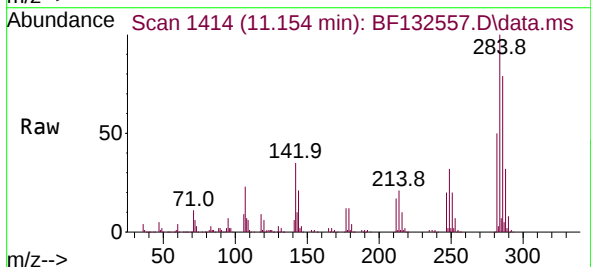
Tgt Ion:248 Resp: 242424
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 64.4 54.2 81.2

Manual Integrations
APPROVED

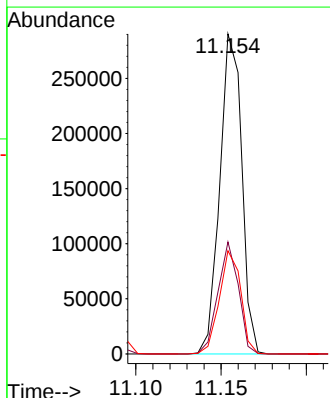
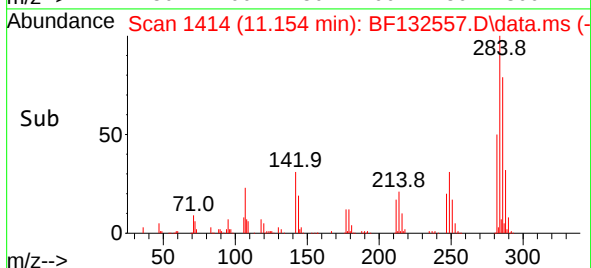
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

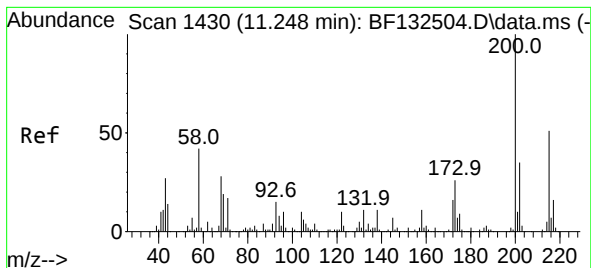


#68
Hexachlorobenzene
Concen: 49.803 ng
RT: 11.154 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



Tgt Ion:284 Resp: 259656
Ion Ratio Lower Upper
284 100
142 35.0 22.2 33.4#
249 32.2 24.9 37.3





#69

Atrazine

Concen: 53.027 ng

RT: 11.236 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

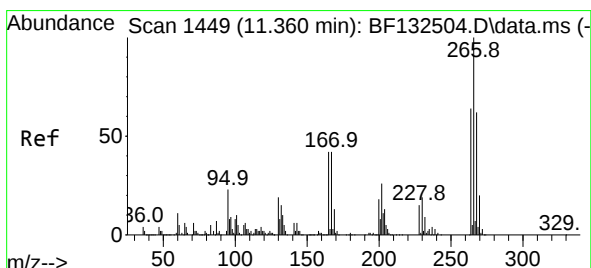
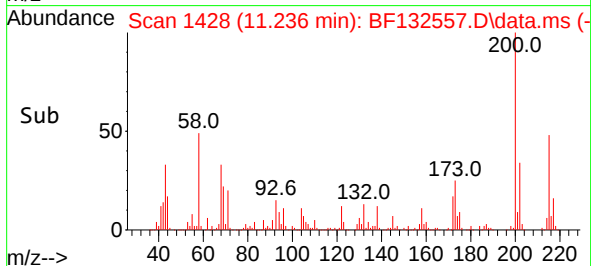
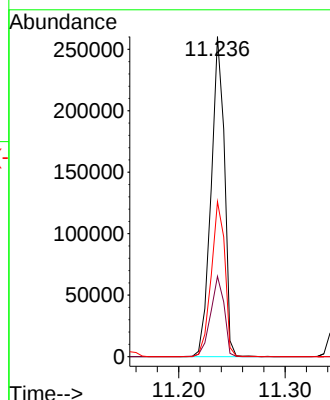
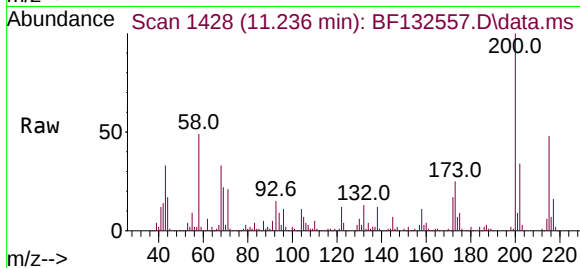
B-19-SB02MS

Tgt Ion:200 Resp: 226064
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.4 46.4
 215 48.4 31.0 71.0

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 82.104 ng

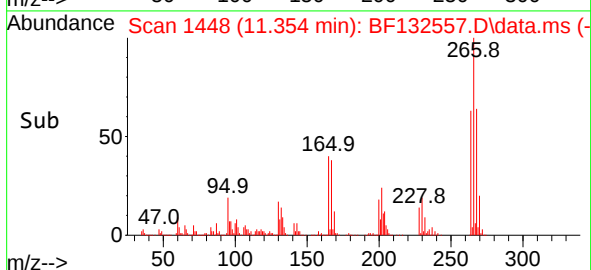
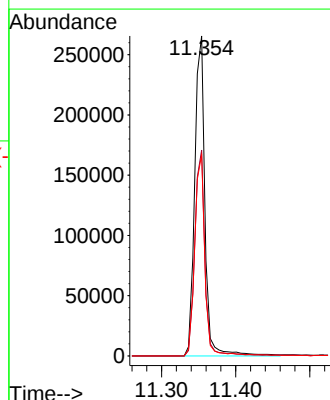
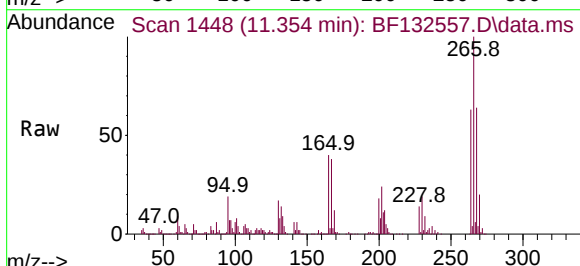
RT: 11.354 min Scan# 1448

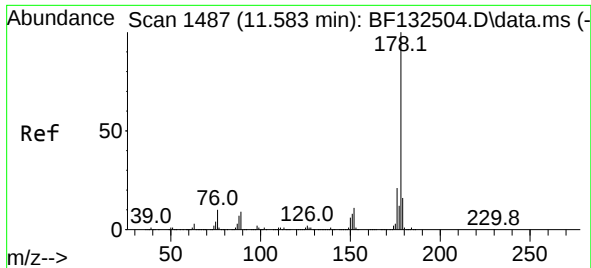
Delta R.T. 0.006 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Tgt Ion:266 Resp: 254678
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 63.0 50.9 76.3





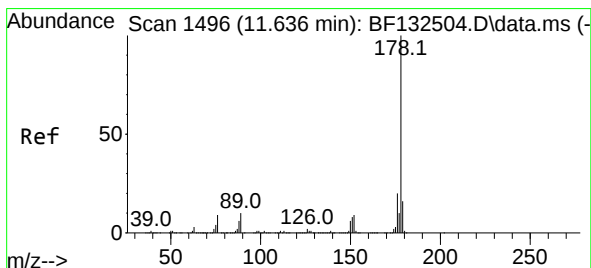
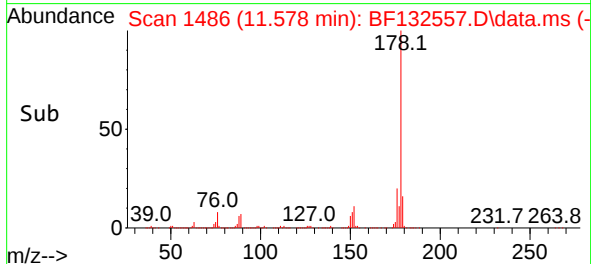
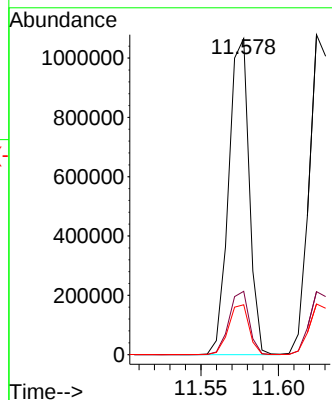
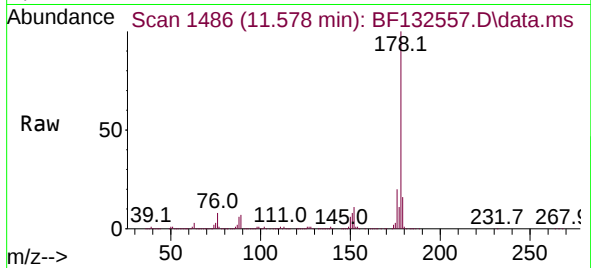
#71
Phenanthrene
Concen: 43.240 ng
RT: 11.578 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS

Tgt Ion:178 Resp: 981203
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.8 13.0 19.6

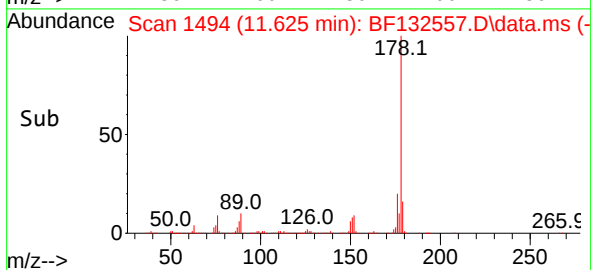
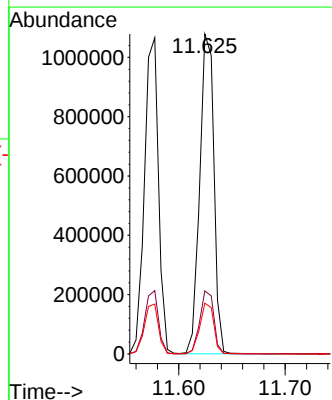
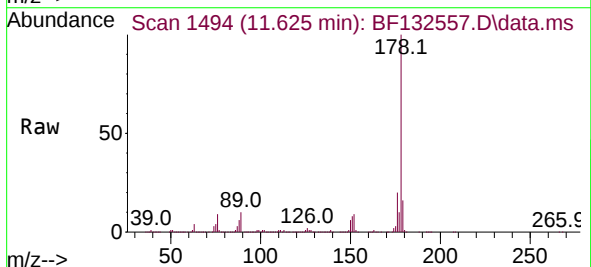
Manual Integrations
APPROVED

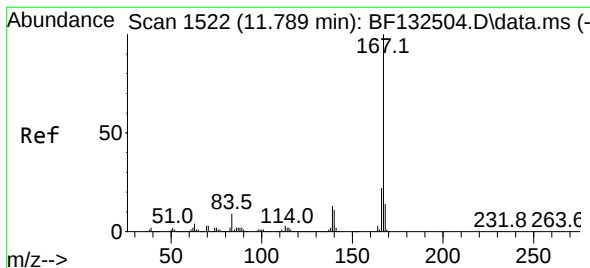
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#72
Anthracene
Concen: 42.648 ng
RT: 11.625 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:178 Resp: 996575
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.5 18.7





#73

Carbazole

Concen: 41.202 ng

RT: 11.783 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

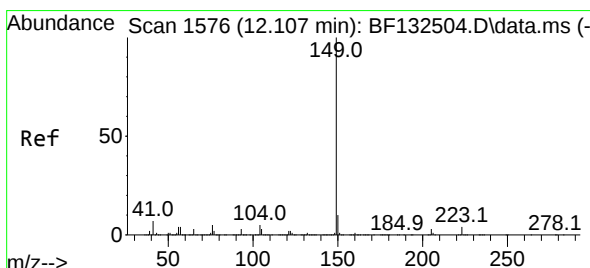
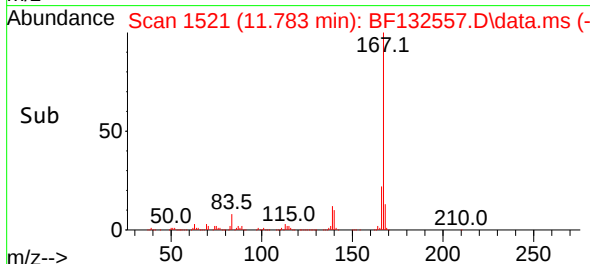
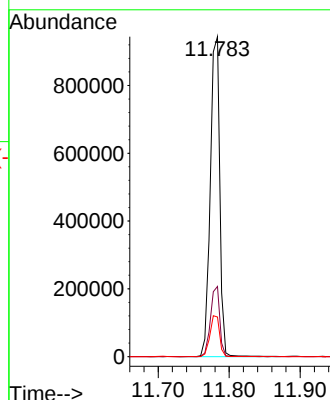
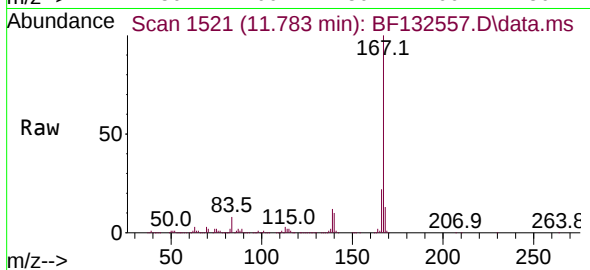
Tgt Ion:167	Resp: 868060
Ion Ratio	Lower Upper
167 100	
166 21.9	17.7 26.5
139 12.4	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#74

Di-n-butylphthalate

Concen: 48.593 ng

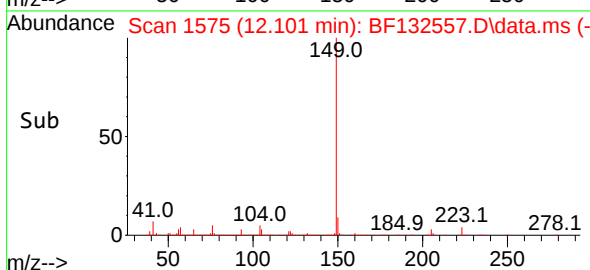
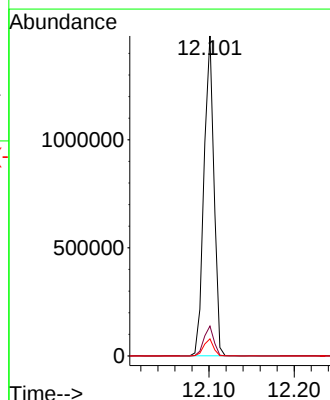
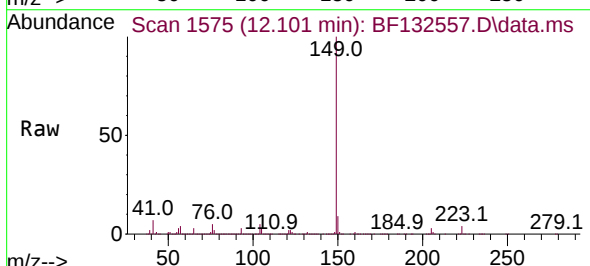
RT: 12.101 min Scan# 1575

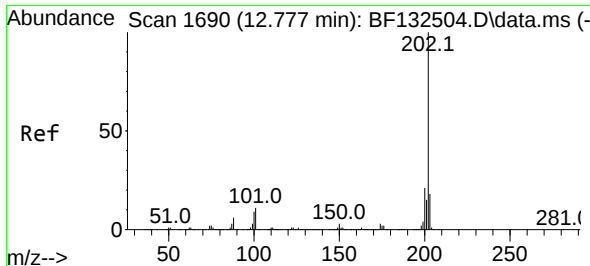
Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Tgt Ion:149	Resp: 1200900
Ion Ratio	Lower Upper
149 100	
150 9.3	7.8 11.8
104 5.3	4.3 6.5





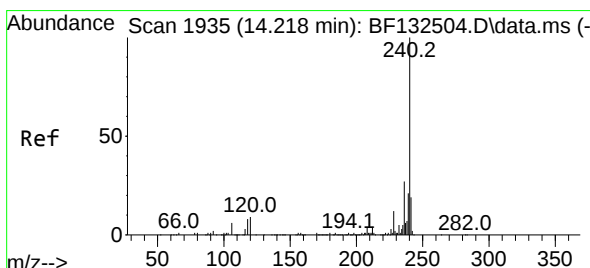
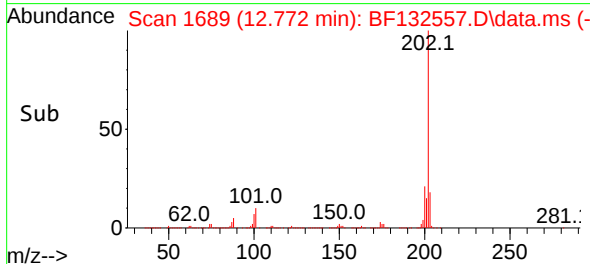
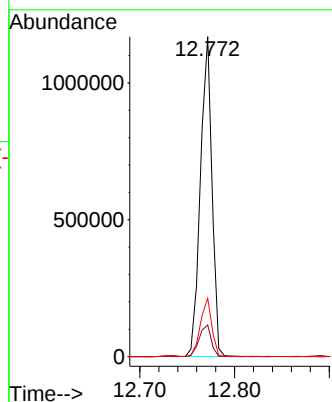
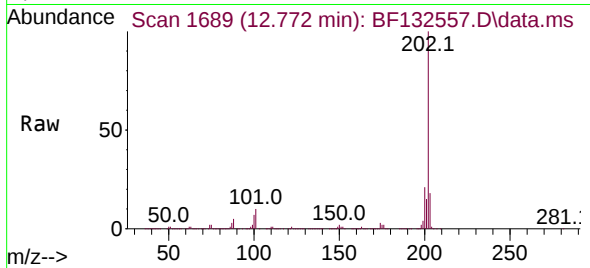
#75
Fluoranthene
Concen: 39.811 ng
RT: 12.772 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS

Tgt Ion:202 Resp: 987602
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.2 0.0 38.0

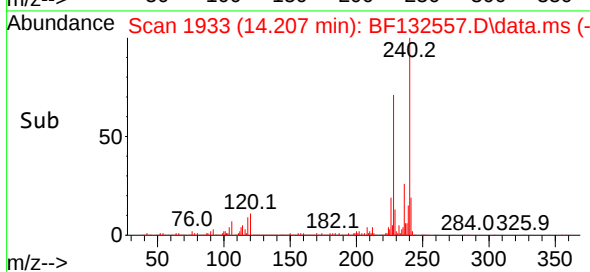
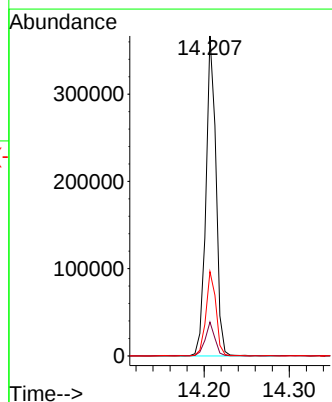
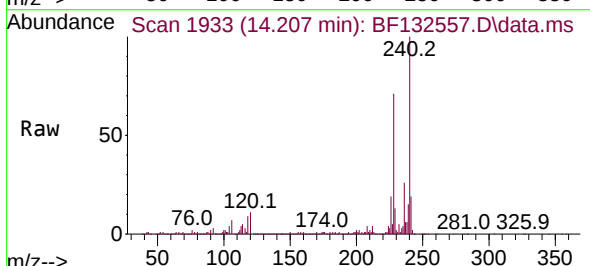
Manual Integrations
APPROVED

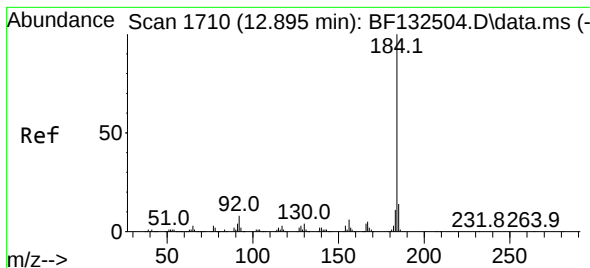
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:240 Resp: 299937
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.3 21.8 32.6





#77

Benzidine

Concen: 50.866 ng

RT: 12.889 min Scan# 1709

Delta R.T. 0.006 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS

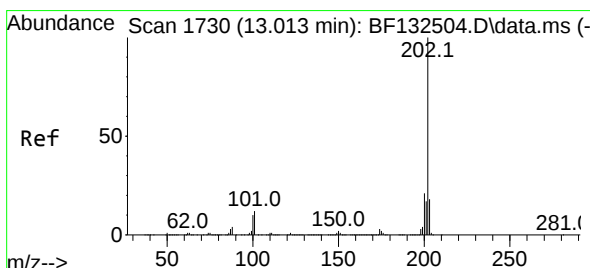
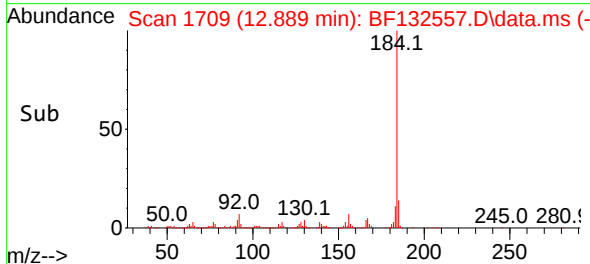
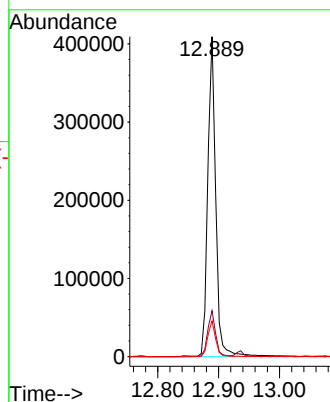
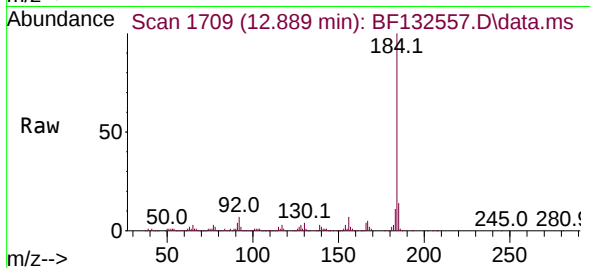
Tgt Ion:184 Resp: 371386
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.7 17.5
 183 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#78

Pyrene

Concen: 37.415 ng

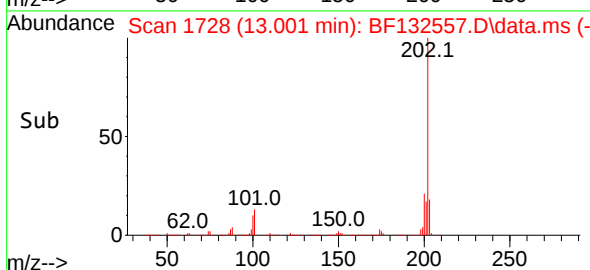
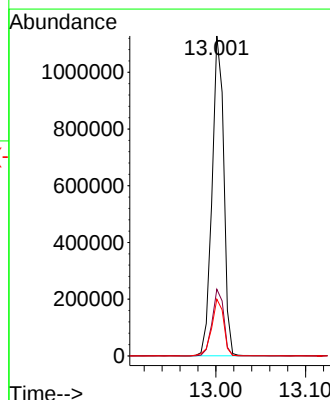
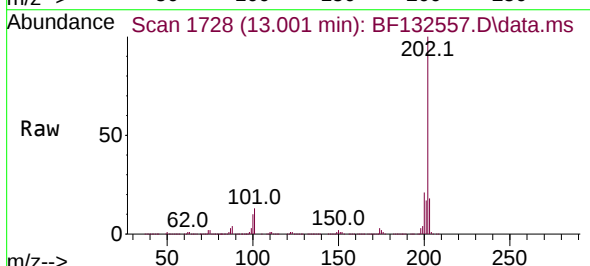
RT: 13.001 min Scan# 1728

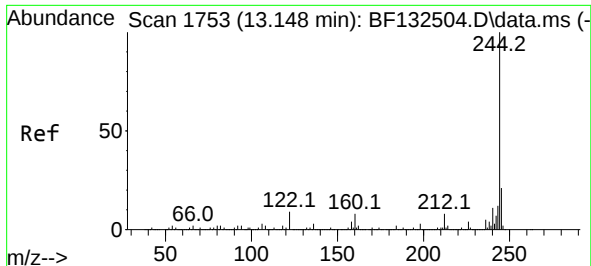
Delta R.T. 0.000 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

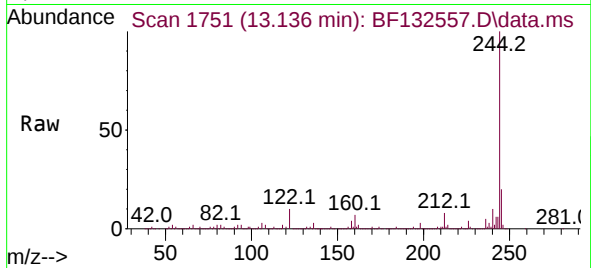
Tgt Ion:202 Resp: 1020298
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.1 25.7
 203 17.7 14.6 21.8





#79
Terphenyl-d14
Concen: 65.322 ng
RT: 13.136 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

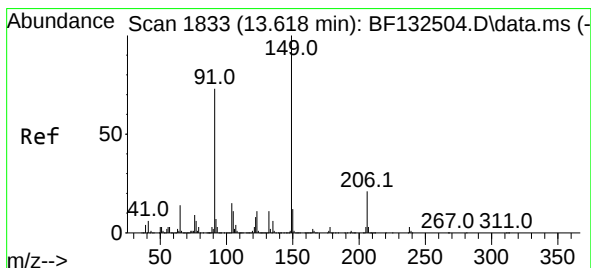
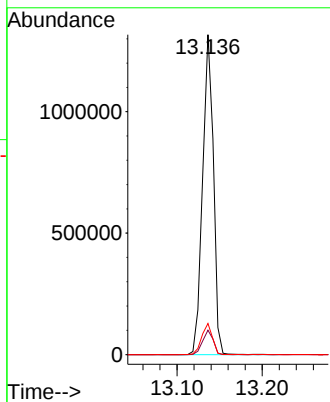
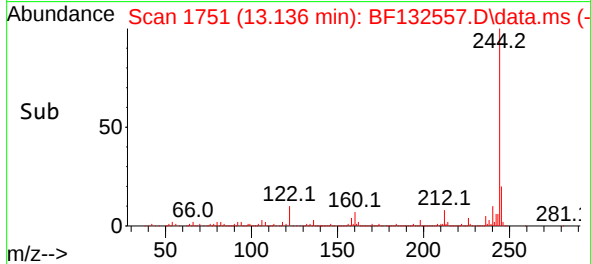
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:244 Resp: 1158804
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 9.7 7.5 11.3

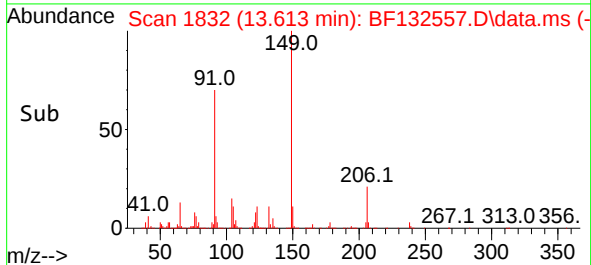
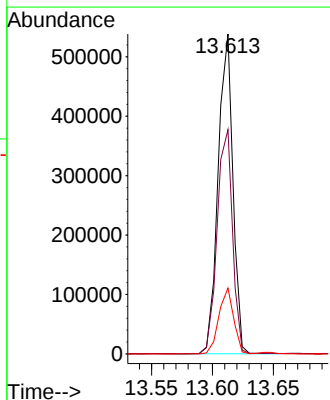
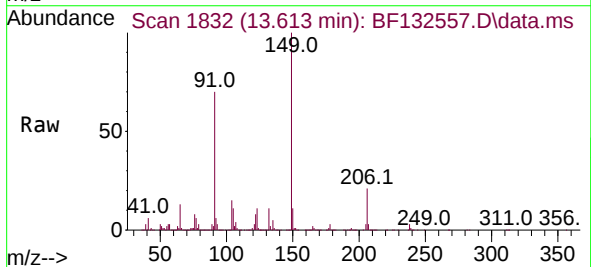
Manual Integrations
APPROVED

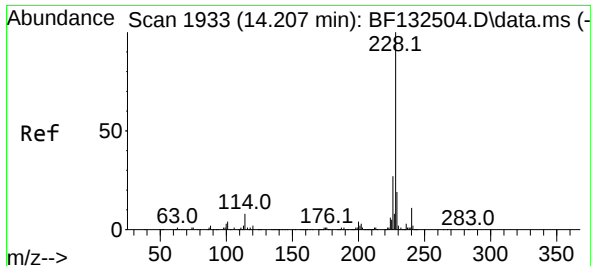
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#80
Butylbenzylphthalate
Concen: 42.377 ng
RT: 13.613 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

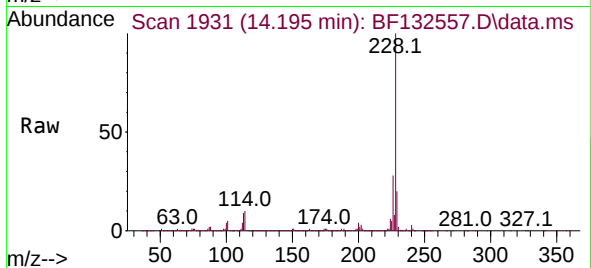
Tgt Ion:149 Resp: 456022
Ion Ratio Lower Upper
149 100
91 70.1 58.4 87.6
206 20.6 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.353 ng
RT: 14.195 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

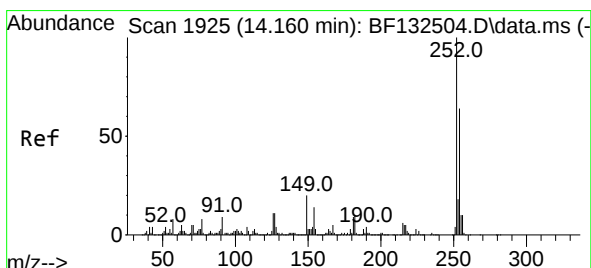
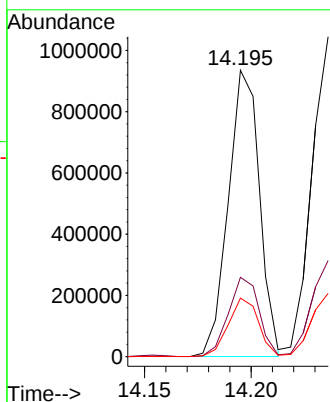
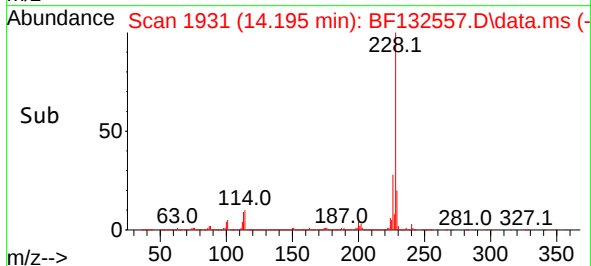
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



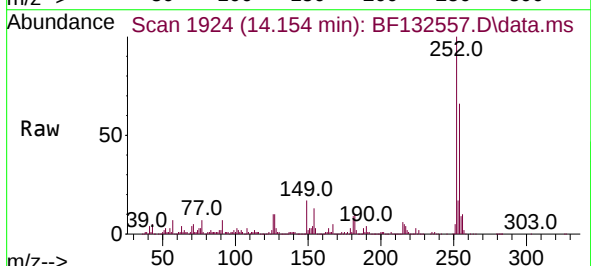
Tgt Ion:228 Resp: 950486
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.4 15.4 23.2

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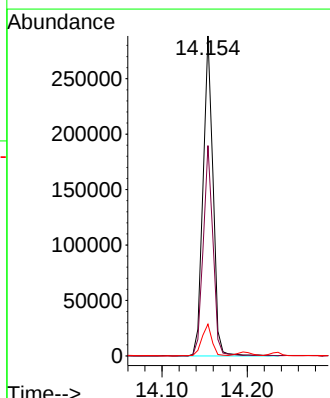
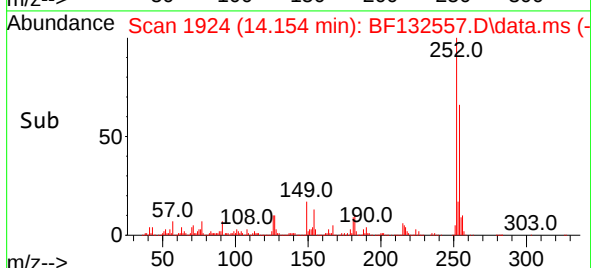
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

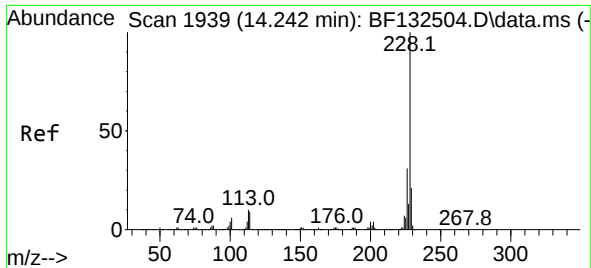


#82
3,3'-Dichlorobenzidine
Concen: 35.378 ng
RT: 14.154 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



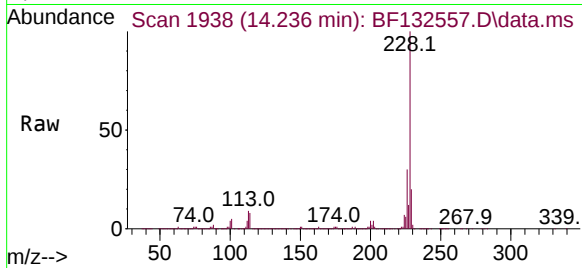
Tgt Ion:252 Resp: 234075
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 9.9 8.9 13.3





#83
Chrysene
Concen: 43.217 ng
RT: 14.236 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

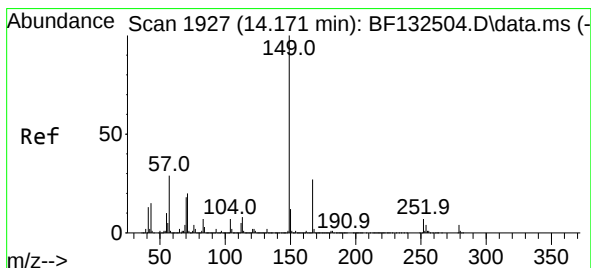
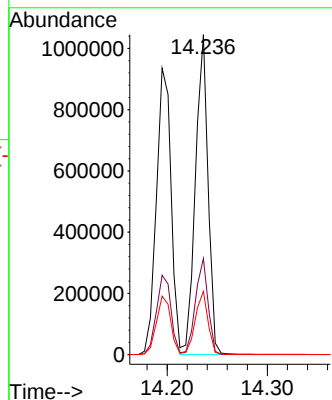
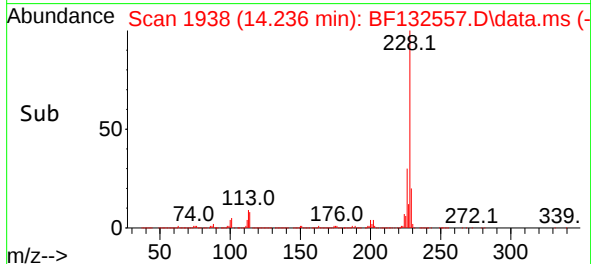
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:228 Resp: 906943
Ion Ratio Lower Upper
228 100
226 30.0 25.0 37.6
229 19.8 16.4 24.6

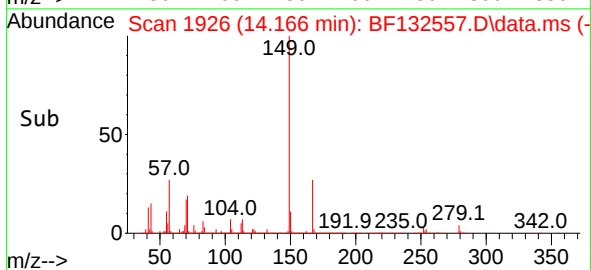
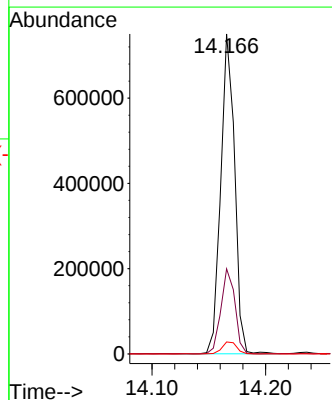
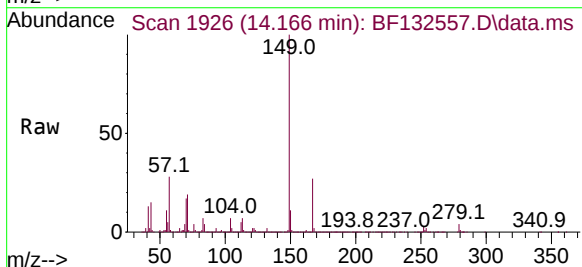
Manual Integrations
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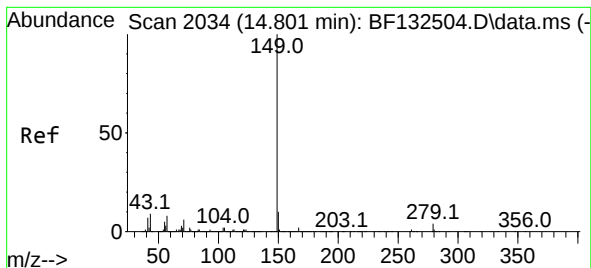
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.071 ng
RT: 14.166 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:149 Resp: 635476
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 56.903 ng

RT: 14.795 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132557.D

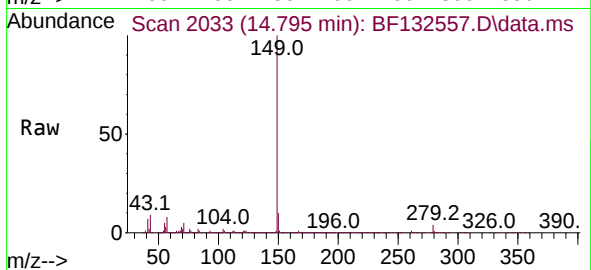
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

B-19-SB02MS



Tgt Ion:149 Resp: 1099238

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

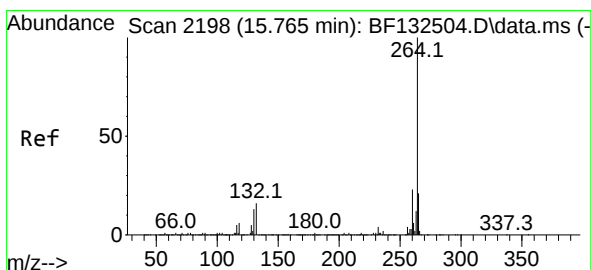
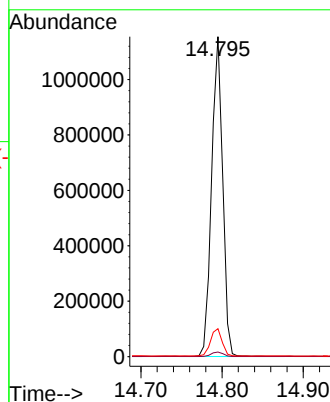
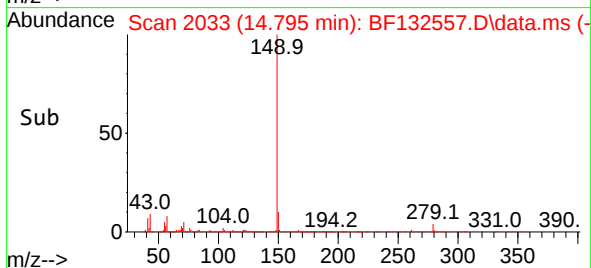
43 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF132557.D

Acq: 27 Feb 2023 17:37

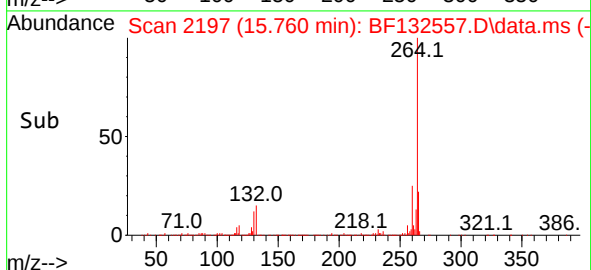
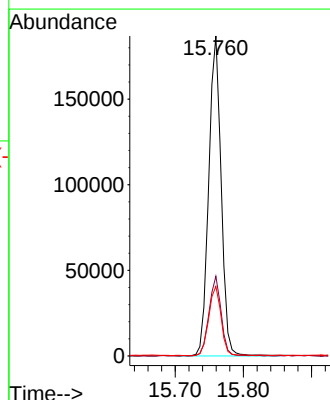
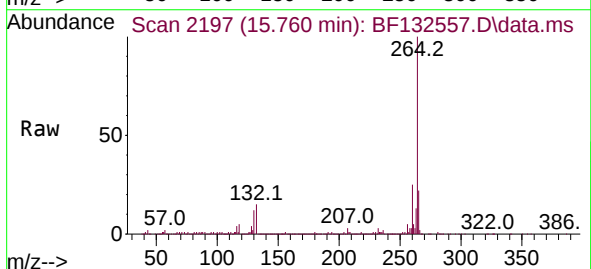
Tgt Ion:264 Resp: 236708

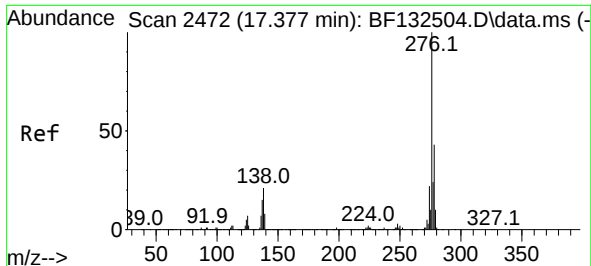
Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

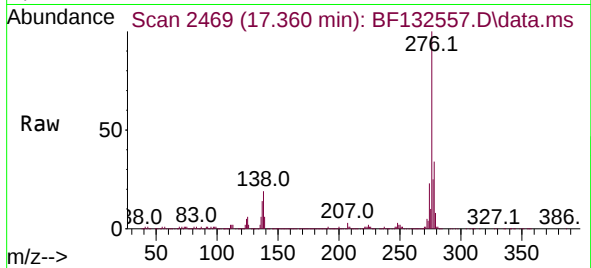
265 21.7 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.921 ng
RT: 17.360 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

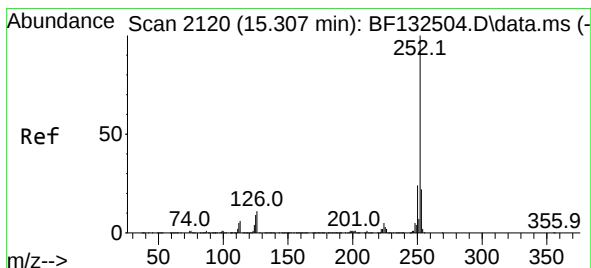
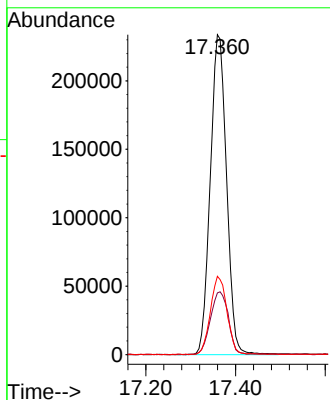
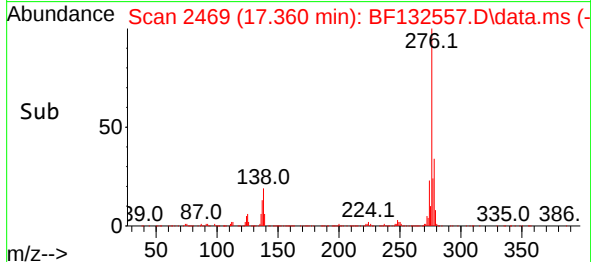
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



Tgt Ion:276 Resp: 58816
Ion Ratio Lower Upper
276 100
138 21.7 19.0 28.4
277 25.1 20.0 30.0

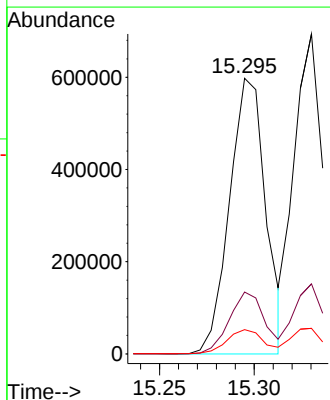
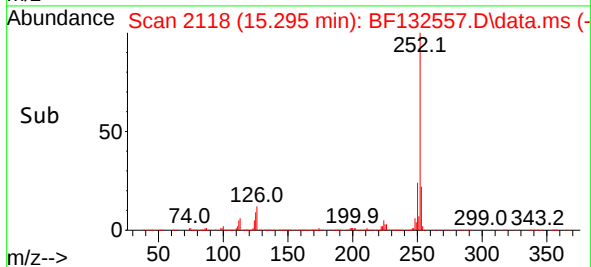
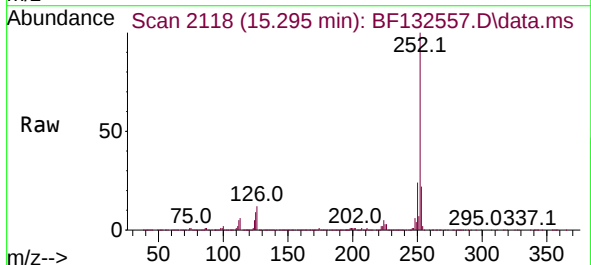
Manual Integrations
APPROVED

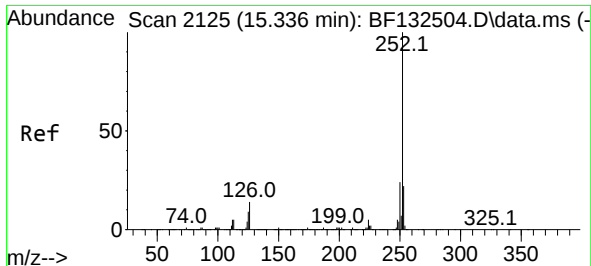
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#88
Benzo(b)fluoranthene
Concen: 50.159 ng
RT: 15.295 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Tgt Ion:252 Resp: 795678
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.8 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 47.459 ng
RT: 15.330 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

Instrument :

BNA_F

ClientSampleId :

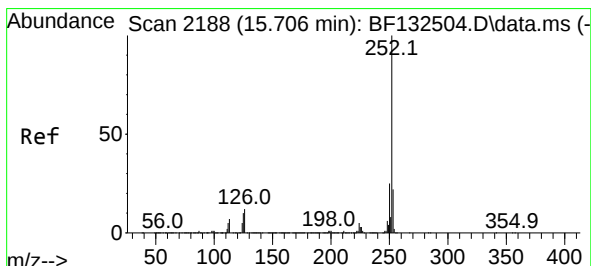
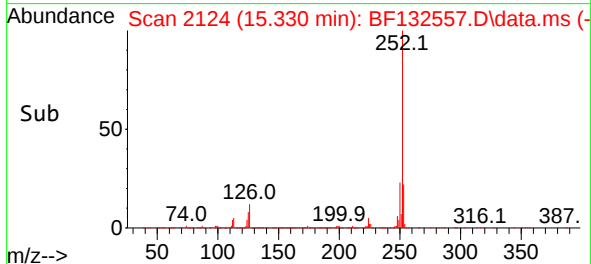
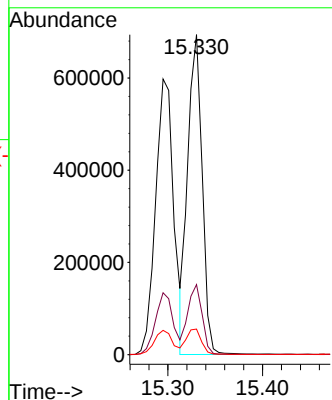
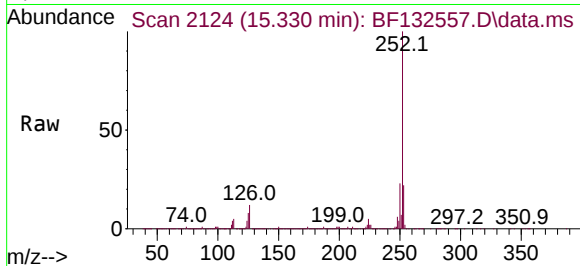
B-19-SB02MS

Tgt Ion:252 Resp: 736803
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.0 7.2 10.8

Manual Integrations

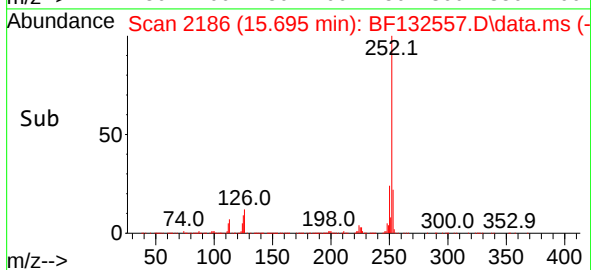
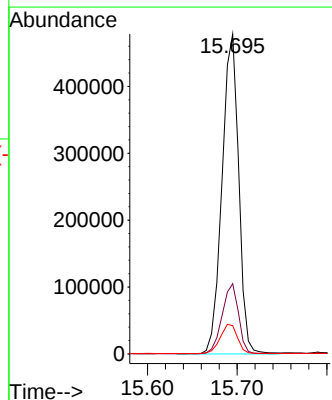
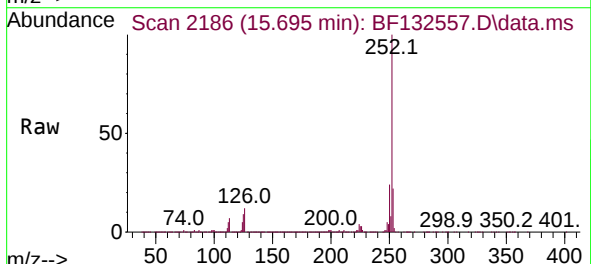
APPROVED

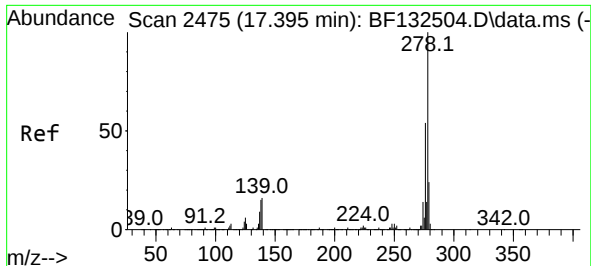
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#90
Benzo(a)pyrene
Concen: 41.666 ng
RT: 15.695 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

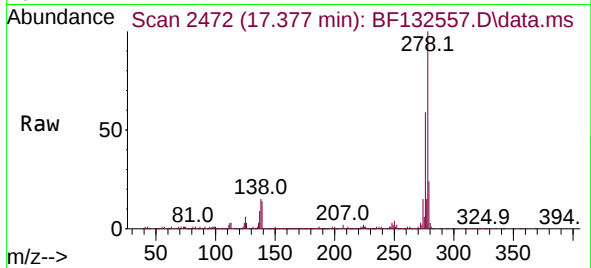
Tgt Ion:252 Resp: 618595
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 38.774 ng
RT: 17.377 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37

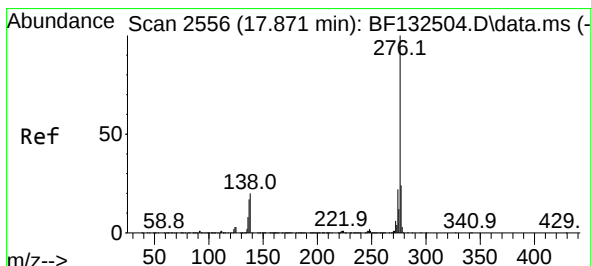
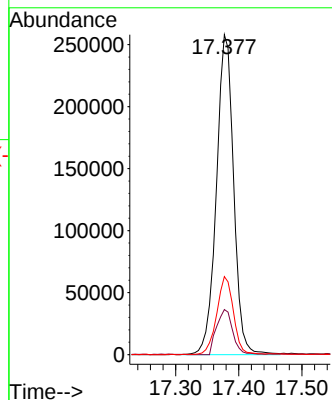
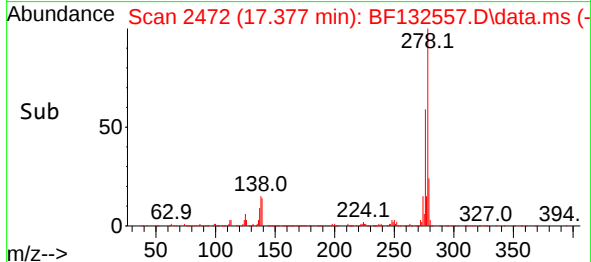
Instrument :
BNA_F
ClientSampleId :
B-19-SB02MS



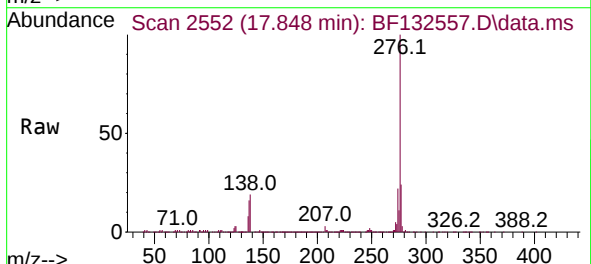
Tgt Ion:278 Resp: 489997
Ion Ratio Lower Upper
278 100
139 14.1 13.0 19.4
279 24.4 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 33.767 ng
RT: 17.848 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BF132557.D
Acq: 27 Feb 2023 17:37



Tgt Ion:276 Resp: 475164
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.1 16.2 24.4

