

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133894.D
 Acq On : 22 Jun 2023 11:16
 Operator : CG\JU
 Sample : 03229-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:25:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	104795	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	407777	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	211476	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	246662	20.000	ng	0.00
86) Perylene-d12	15.562	264	226633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	728025	120.943	ng	0.02
7) Phenol-d6	6.504	99	827673	105.632	ng	0.00
23) Nitrobenzene-d5	7.428	82	664019	88.693	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	342196	127.833	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1238072	83.222	ng	0.00
79) Terphenyl-d14	12.992	244	1500242	94.112	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	100424	37.947	ng	# 79
3) Pyridine	3.563	79	188035	24.377	ng	99
4) n-Nitrosodimethylamine	3.498	42	180930	42.434	ng	98
6) Aniline	6.528	93	141699	14.358	ng	# 89
8) 2-Chlorophenol	6.651	128	309186	48.739	ng	96
9) Benzaldehyde	6.416	77	81552	15.688	ng	97
10) Phenol	6.516	94	318782	38.962	ng	100
11) bis(2-Chloroethyl)ether	6.598	93	309149	50.896	ng	96
12) 1,3-Dichlorobenzene	6.804	146	329280	48.582	ng	98
13) 1,4-Dichlorobenzene	6.881	146	331648	48.412	ng	96
14) 1,2-Dichlorobenzene	7.028	146	319241	51.573	ng	99
15) Benzyl Alcohol	7.004	79	290435	47.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	509009	49.435	ng	96
17) 2-Methylphenol	7.116	107	248643	44.221	ng	99
18) Hexachloroethane	7.369	117	124834	53.228	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	229642	46.064	ng	98
20) 3+4-Methylphenols	7.269	107	295816	40.442	ng	# 78
22) Acetophenone	7.269	105	444240	47.499	ng	94
24) Nitrobenzene	7.445	77	348161	46.183	ng	100
25) Isophorone	7.681	82	647148	47.083	ng	100
26) 2-Nitrophenol	7.757	139	174300	51.518	ng	98
27) 2,4-Dimethylphenol	7.798	122	279210	47.880	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	379509	47.773	ng	100
29) 2,4-Dichlorophenol	7.998	162	268782	47.029	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	278056	46.631	ng	99
31) Naphthalene	8.163	128	903556	45.481	ng	99
32) Benzoic acid	7.928	122	188265	51.190	ng	94
33) 4-Chloroaniline	8.210	127	63299	7.452	ng	98
34) Hexachlorobutadiene	8.275	225	179343	45.938	ng	98
35) Caprolactam	8.592	113	77865m	40.489	ng	
36) 4-Chloro-3-methylphenol	8.698	107	306755	46.565	ng	97
37) 2-Methylnaphthalene	8.857	142	615068	44.558	ng	99
38) 1-Methylnaphthalene	8.957	142	573874	45.179	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	290940	45.254	ng	98
41) Hexachlorocyclopentadiene	9.004	237	360006	125.657	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	200067	46.569	ng	98

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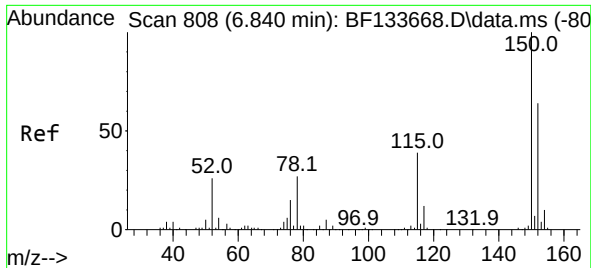
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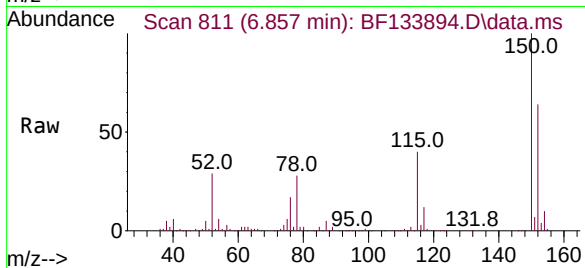
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	220551	44.127	ng	99
46) 1,1'-Biphenyl	9.322	154	794135	46.561	ng	99
47) 2-Chloronaphthalene	9.345	162	578299	47.268	ng	99
48) 2-Nitroaniline	9.445	65	212259	47.438	ng	99
49) Acenaphthylene	9.763	152	967107	45.417	ng	99
50) Dimethylphthalate	9.628	163	725332	45.951	ng	99
51) 2,6-Dinitrotoluene	9.692	165	161411	49.541	ng	93
52) Acenaphthene	9.939	154	569330	45.677	ng	100
53) 3-Nitroaniline	9.857	138	116072	29.274	ng	87
54) 2,4-Dinitrophenol	9.969	184	189230	116.076	ng	87
55) Dibenzofuran	10.110	168	874026	45.955	ng	97
56) 4-Nitrophenol	10.033	139	243161	90.870	ng	84
57) 2,4-Dinitrotoluene	10.098	165	210569	50.816	ng	98
58) Fluorene	10.457	166	685577	47.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	189455	50.630	ng	99
60) Diethylphthalate	10.327	149	767138	47.751	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	333667	46.471	ng	98
62) 4-Nitroaniline	10.480	138	172883	44.471	ng	98
63) Azobenzene	10.610	77	712319	46.837	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	121179	59.063	ng	91
66) n-Nitrosodiphenylamine	10.569	169	618912	42.914	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	208989	43.610	ng	94
68) Hexachlorobenzene	11.004	284	235898	46.811	ng	96
69) Atrazine	11.098	200	208626	49.856	ng	96
70) Pentachlorophenol	11.204	266	254462	84.326	ng	98
71) Phenanthrene	11.422	178	996172	45.731	ng	99
72) Anthracene	11.474	178	1029331	45.318	ng	99
73) Carbazole	11.633	167	966252	45.676	ng	99
74) Di-n-butylphthalate	11.963	149	1234747	45.529	ng	100
75) Fluoranthene	12.616	202	1086290	46.959	ng	98
77) Benzidine	12.739	184	58844	7.109	ng	97
78) Pyrene	12.845	202	1107419	48.196	ng	99
80) Butylbenzylphthalate	13.468	149	465588	47.997	ng	97
81) Benzo(a)anthracene	14.045	228	798730	46.814	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	185606	32.721	ng	99
83) Chrysene	14.080	228	746410	46.254	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	594606	49.783	ng	99
85) Di-n-octyl phthalate	14.651	149	863893	50.898	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	796382	51.077	ng	99
88) Benzo(b)fluoranthene	15.115	252	688842	50.036	ng	97
89) Benzo(k)fluoranthene	15.151	252	623431	46.488	ng	98
90) Benzo(a)pyrene	15.498	252	573971	44.923	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	648761	50.259	ng	98
92) Benzo(g,h,i)perylene	17.598	276	657062	51.340	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

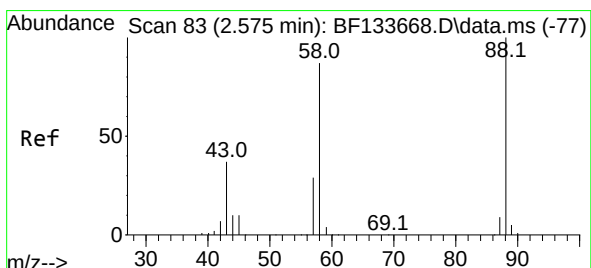
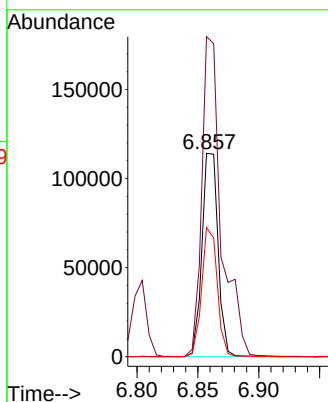
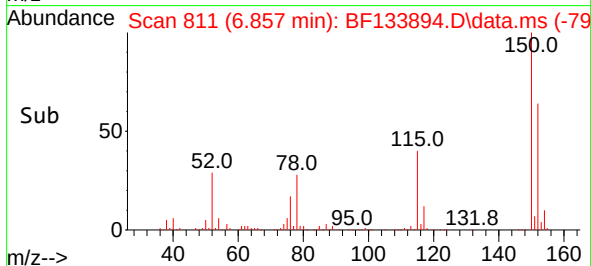
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:152 Resp: 10479
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 63.5 48.5 72.7

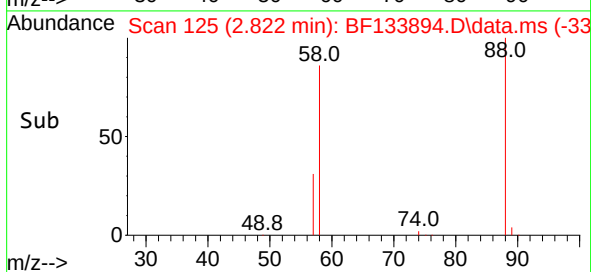
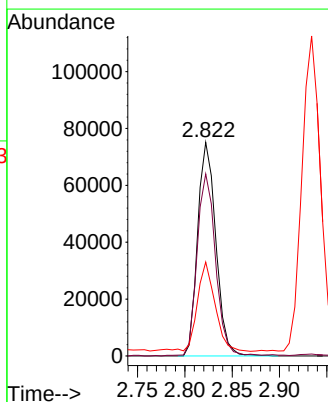
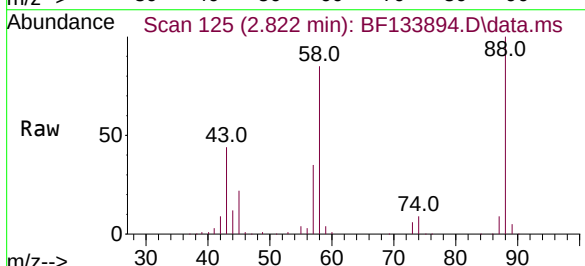
Manual Integrations
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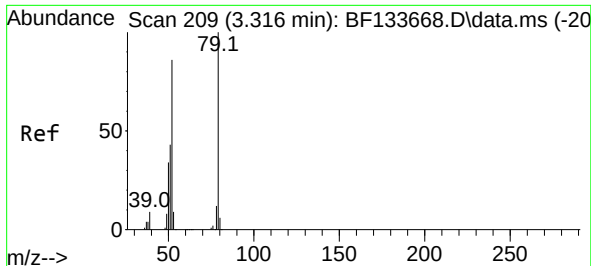
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 37.947 ng
RT: 2.822 min Scan# 125
Delta R.T. 0.188 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

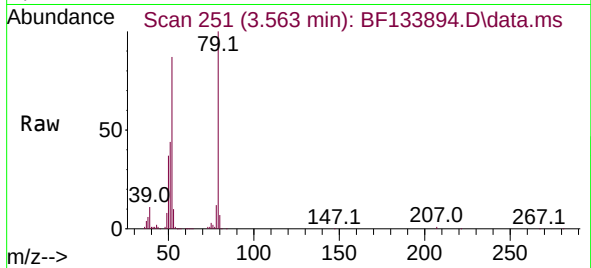
Tgt Ion: 88 Resp: 100424
Ion Ratio Lower Upper
88 100
58 86.9 67.8 101.6
43 0.0 29.8 44.6#





#3
Pyridine
Concen: 24.377 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

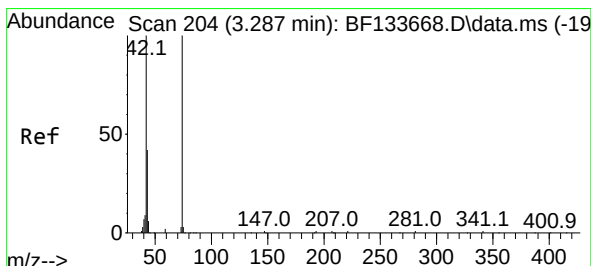
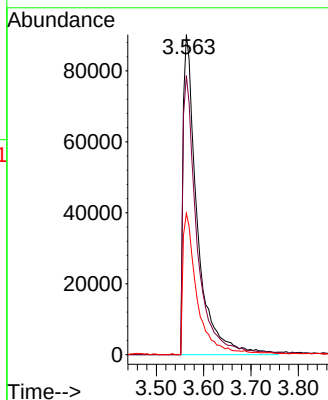
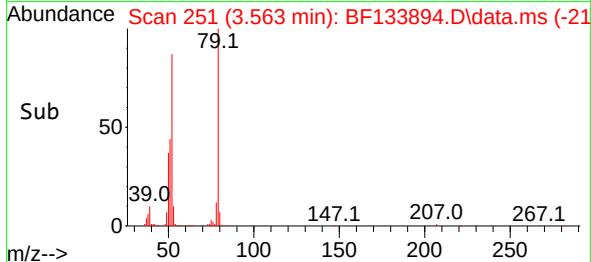
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



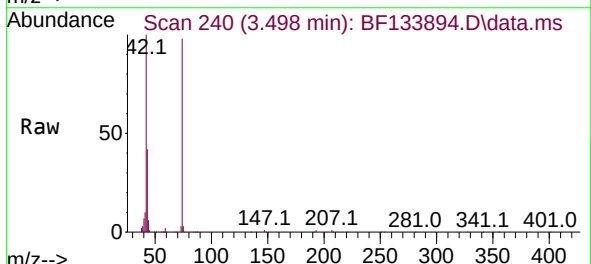
Tgt Ion: 79 Resp: 188035
Ion Ratio Lower Upper
79 100
52 87.2 68.6 102.8
51 44.2 34.8 52.2

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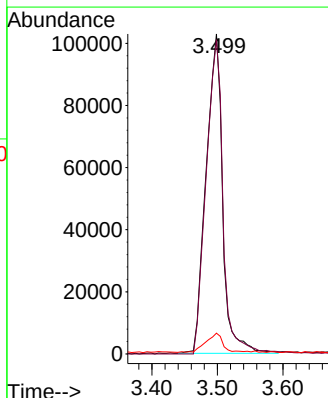
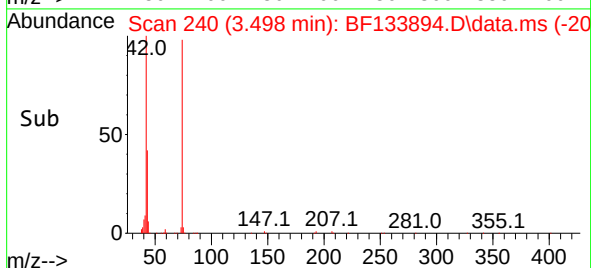
Reviewed By :Yogesh Patel 06/23/2023
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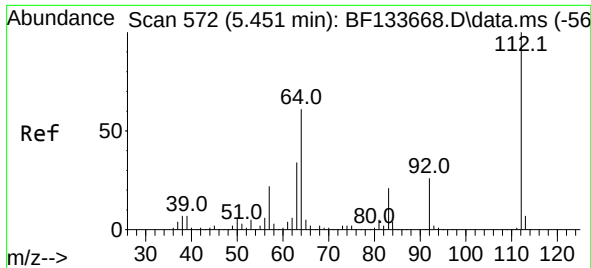


#4
n-Nitrosodimethylamine
Concen: 42.434 ng
RT: 3.498 min Scan# 240
Delta R.T. 0.118 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion: 42 Resp: 180930
Ion Ratio Lower Upper
42 100
74 98.2 79.8 119.8
44 6.5 4.7 7.1





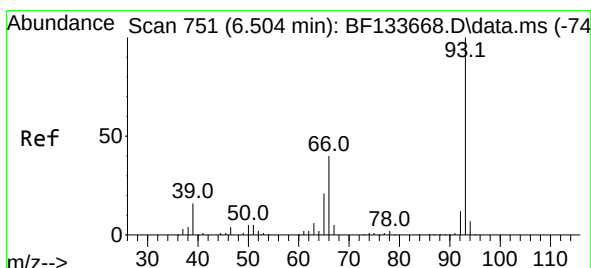
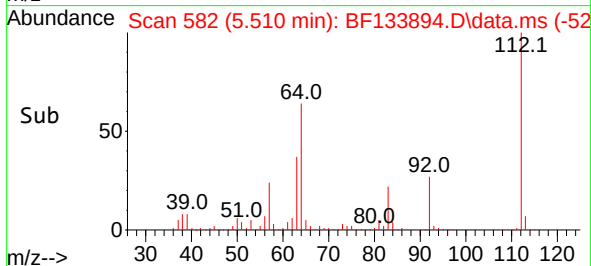
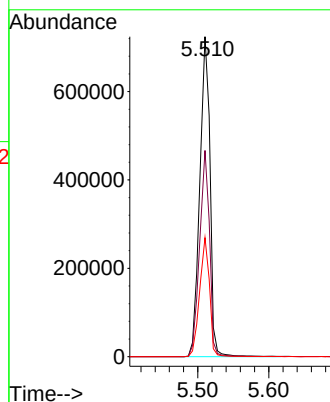
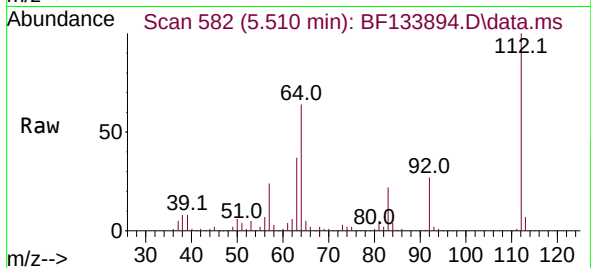
#5
2-Fluorophenol
Concen: 120.943 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

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Tgt Ion:112 Resp: 728025
Ion Ratio Lower Upper
112 100
64 64.4 49.0 73.4
63 37.2 26.8 40.2

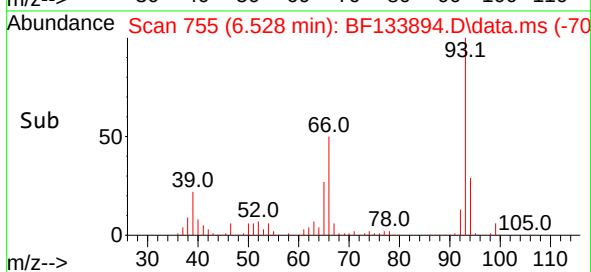
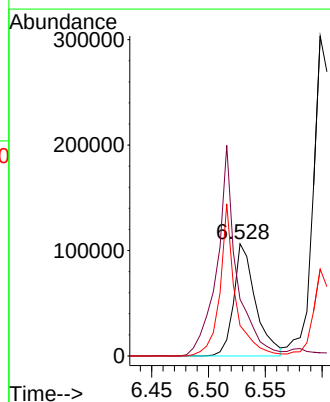
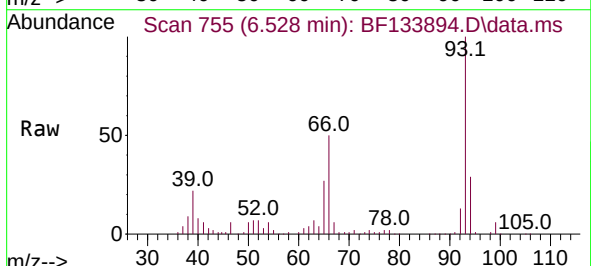
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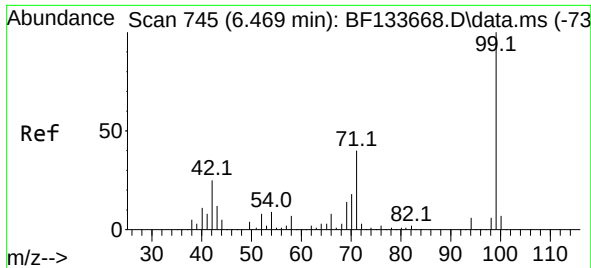
Reviewed By :Yogesh Patel 06/23/2023
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#6
Aniline
Concen: 14.358 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

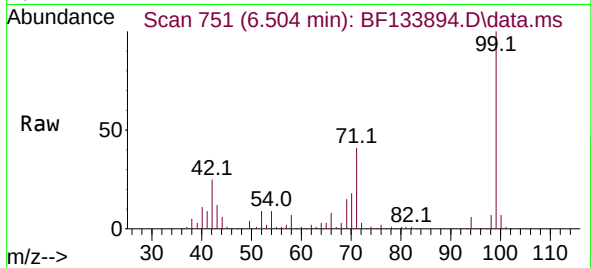
Tgt Ion: 93 Resp: 141699
Ion Ratio Lower Upper
93 100
66 50.5 34.4 51.6
65 27.1 17.5 26.3





#7
Phenol-d6
Concen: 105.632 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

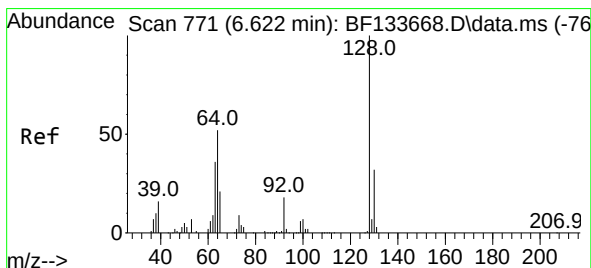
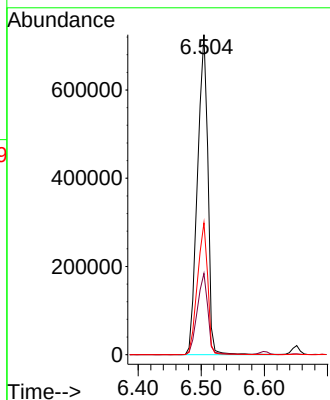
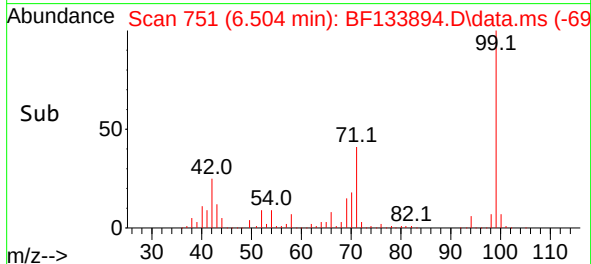
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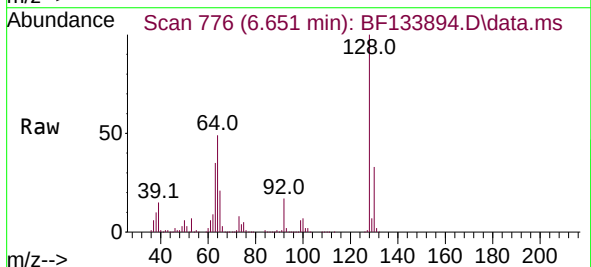
Tgt Ion: 99 Resp: 82767
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.2 32.2 48.4

Manual Integrations
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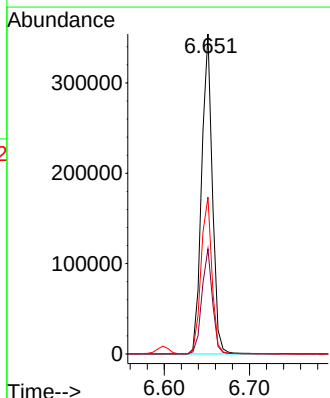
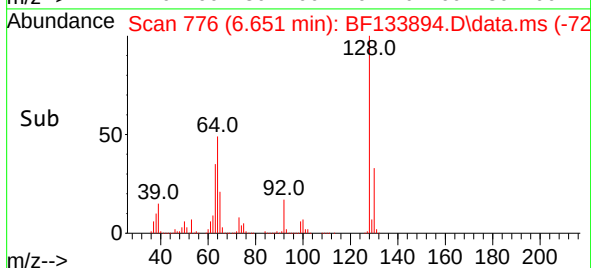
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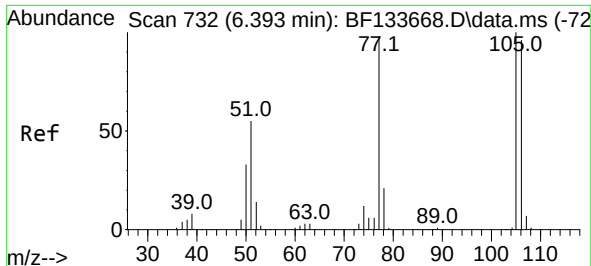


#8
2-Chlorophenol
Concen: 48.739 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion:128 Resp: 309186
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 49.0 33.1 73.1





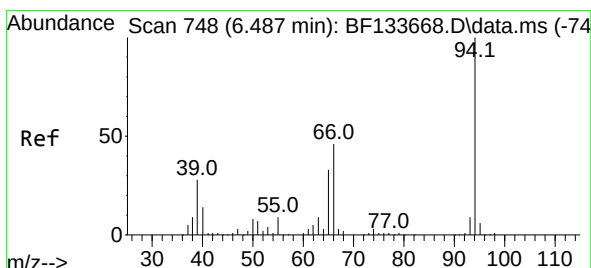
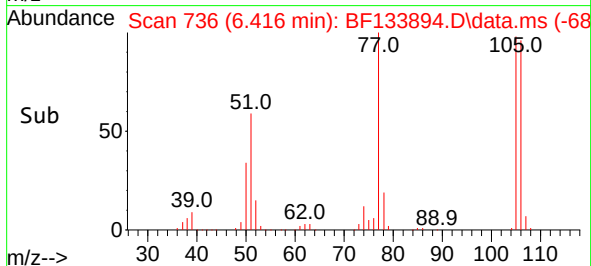
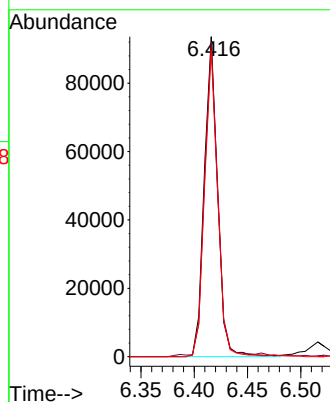
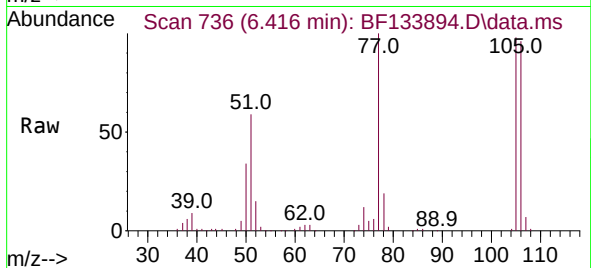
#9
Benzaldehyde
Concen: 15.688 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS

Tgt Ion: 77 Resp: 8155
Ion Ratio Lower Upper
77 100
105 98.2 82.0 122.0
106 95.9 77.6 117.6

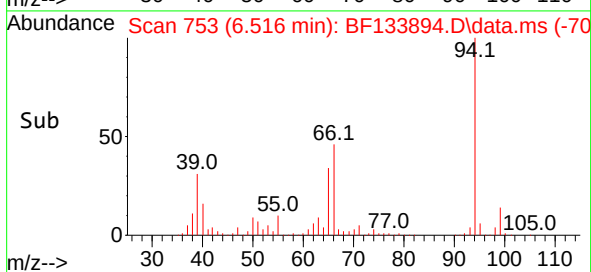
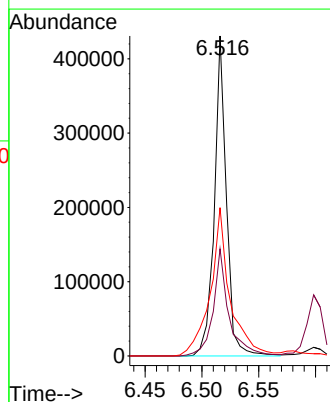
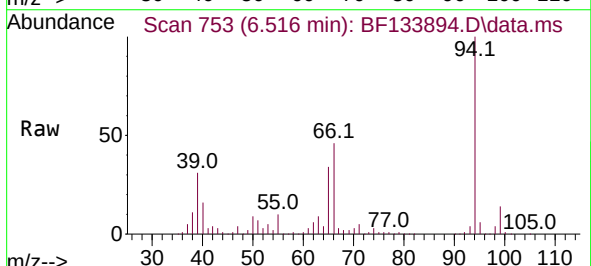
Manual Integrations
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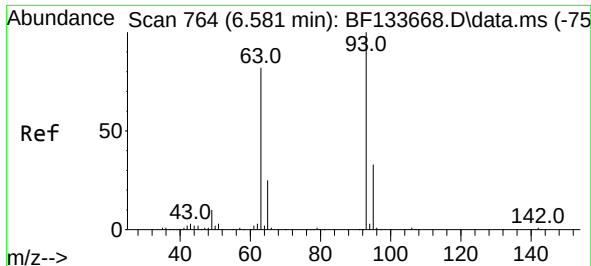
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 38.962 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion: 94 Resp: 318782
Ion Ratio Lower Upper
94 100
65 33.5 13.2 53.2
66 46.4 26.1 66.1





#11

bis(2-Chloroethyl)ether

Concen: 50.896 ng

RT: 6.598 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion: 93 Resp: 309149

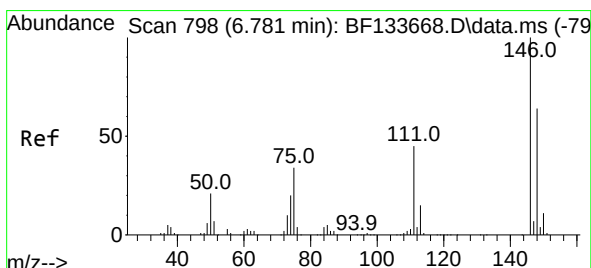
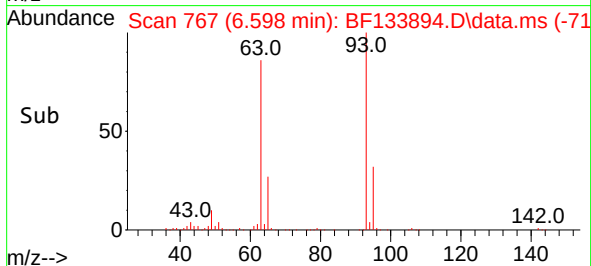
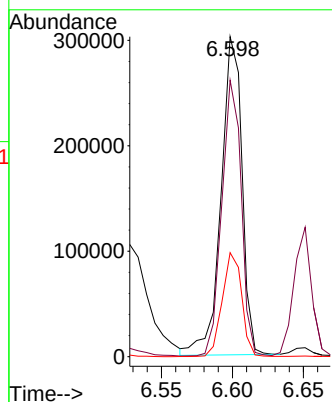
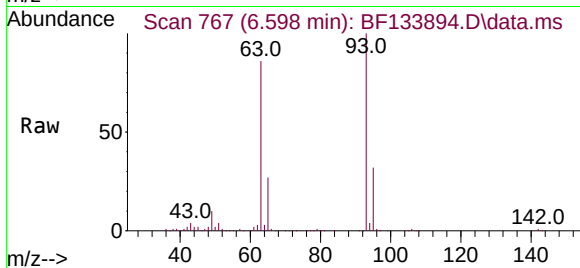
Ion	Ratio	Lower	Upper
93	100		
63	86.4	62.1	102.1
95	32.5	13.0	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#12

1,3-Dichlorobenzene

Concen: 48.582 ng

RT: 6.804 min Scan# 802

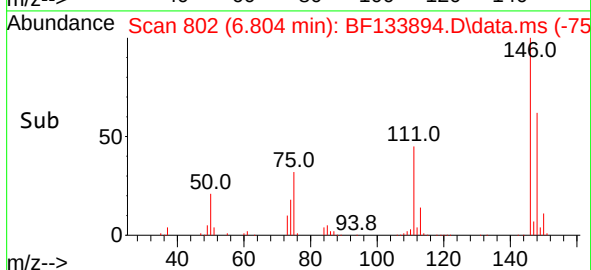
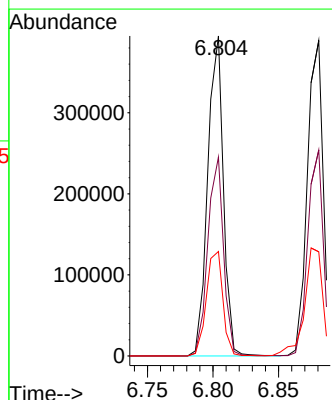
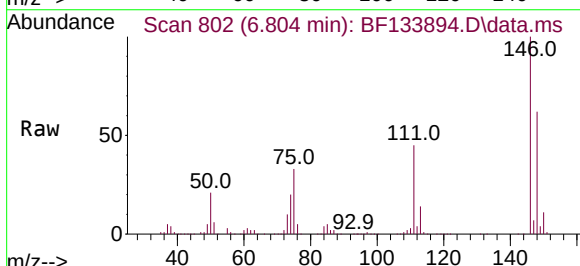
Delta R.T. 0.000 min

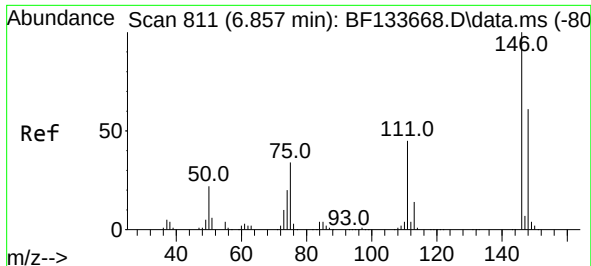
Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Tgt Ion:146 Resp: 329280

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.9	76.3
75	32.7	27.1	40.7





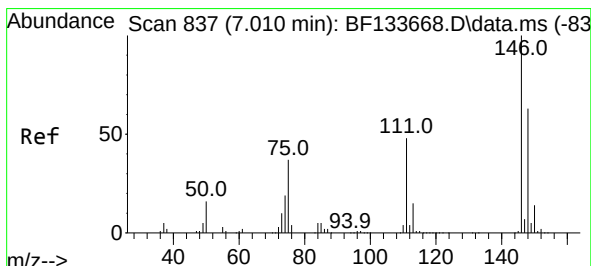
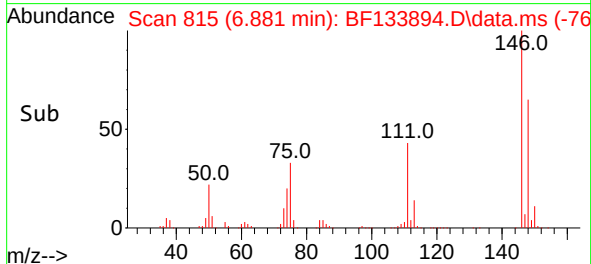
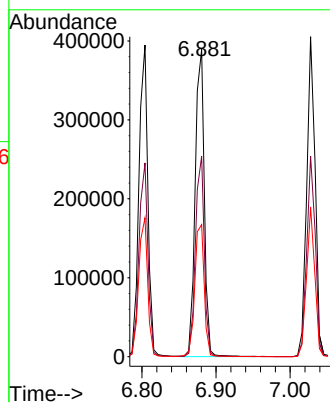
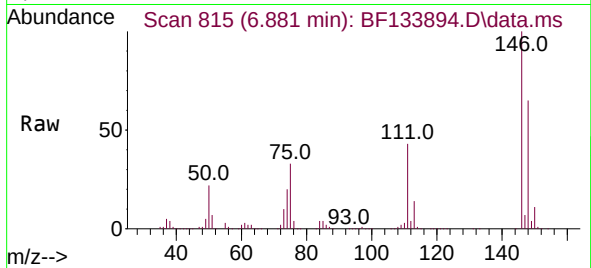
#13
1,4-Dichlorobenzene
Concen: 48.412 ng
RT: 6.881 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS

Tgt Ion:146 Resp: 331648
Ion Ratio Lower Upper
146 100
148 65.3 48.9 73.3
111 43.0 35.8 53.6

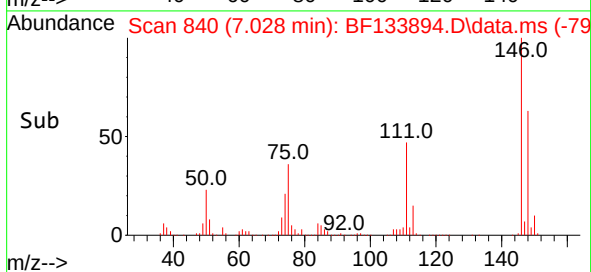
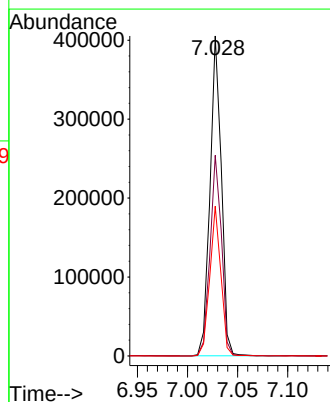
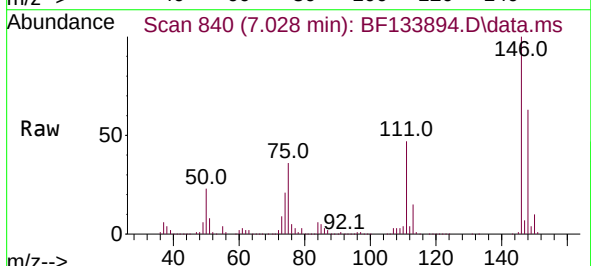
Manual Integrations
APPROVED

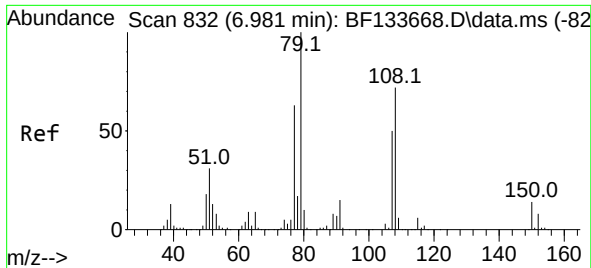
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#14
1,2-Dichlorobenzene
Concen: 51.573 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

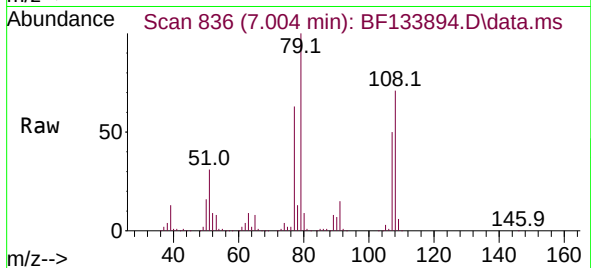
Tgt Ion:146 Resp: 319241
Ion Ratio Lower Upper
146 100
148 62.7 50.6 75.8
111 46.8 38.7 58.1





#15
Benzyl Alcohol
Concen: 47.458 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

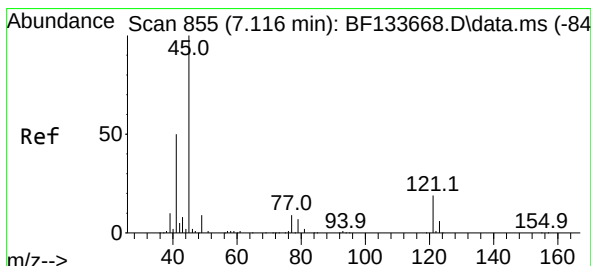
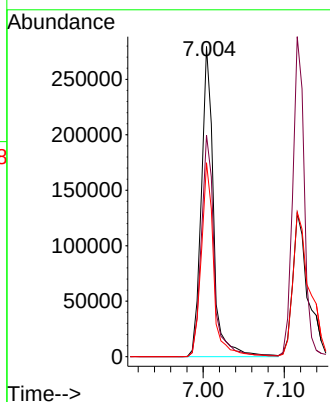
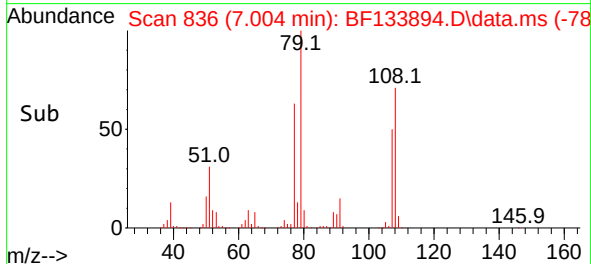
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion: 79 Resp: 290435
Ion Ratio Lower Upper
79 100
108 71.5 57.9 86.9
77 62.6 50.4 75.6

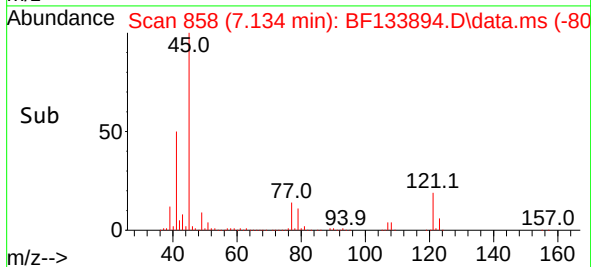
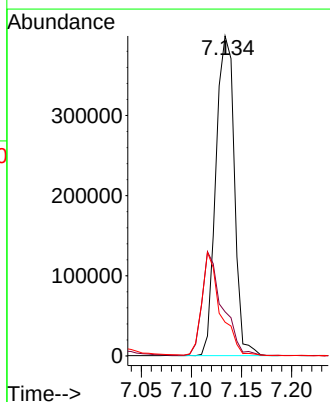
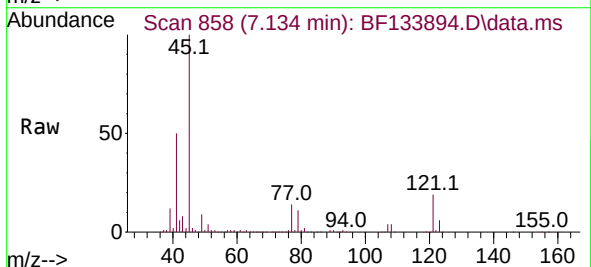
Manual Integrations
APPROVED

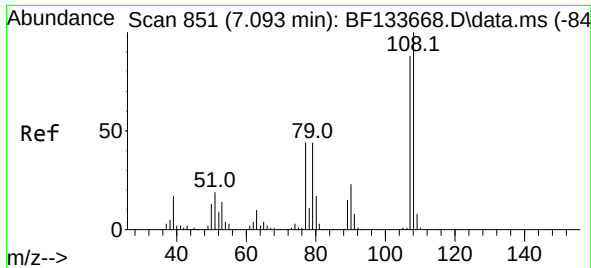
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.435 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

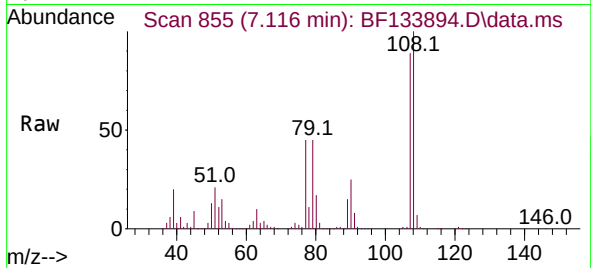
Tgt Ion: 45 Resp: 509009
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.3
79 10.6 0.0 29.4





#17
2-Methylphenol
Concen: 44.221 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

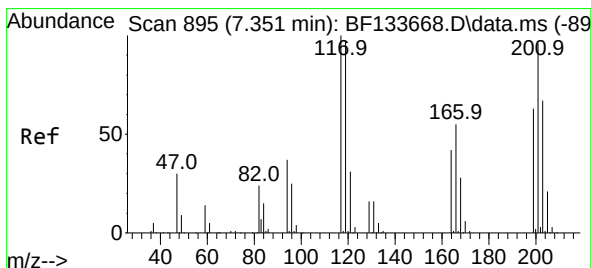
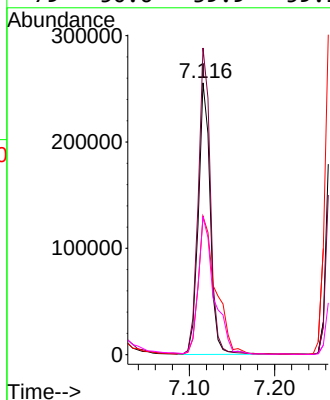
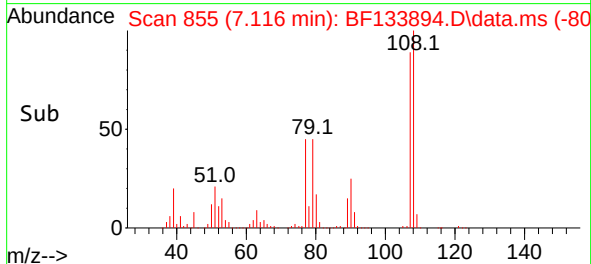
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:107 Resp: 24864
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 50.9 39.8 59.6
79 50.6 39.9 59.9

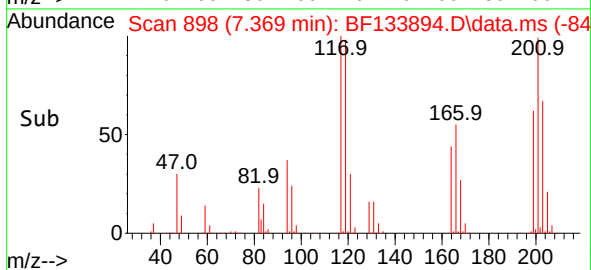
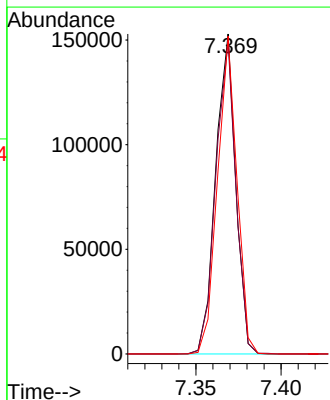
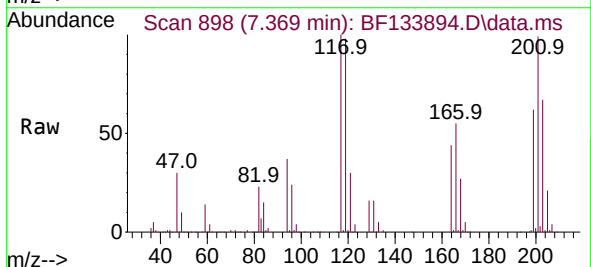
Manual Integrations
APPROVED

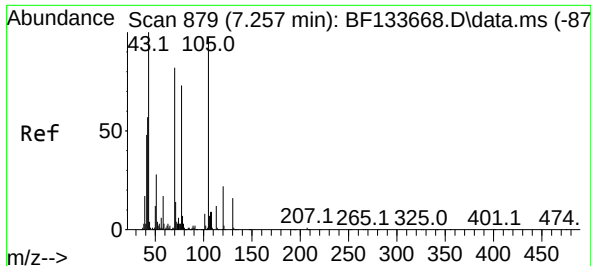
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 53.228 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

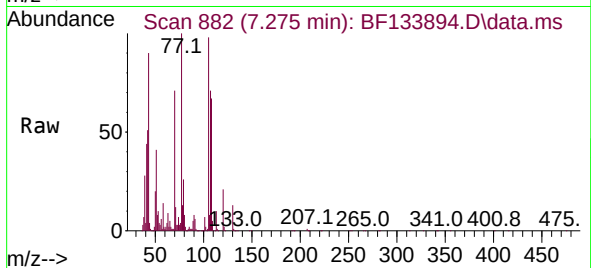
Tgt Ion:117 Resp: 124834
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
201 99.3 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.064 ng
RT: 7.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

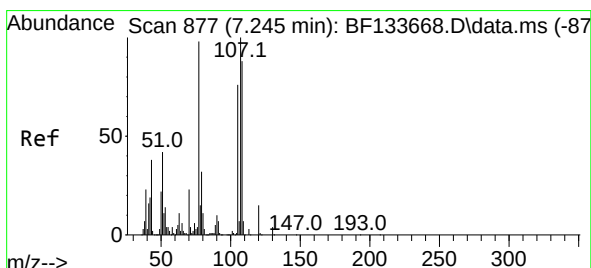
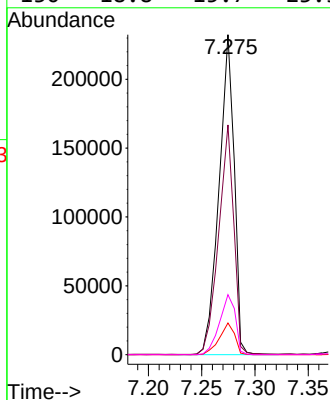
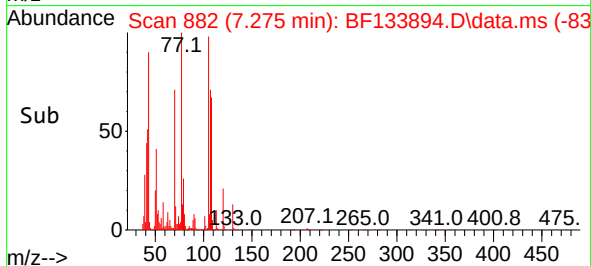
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



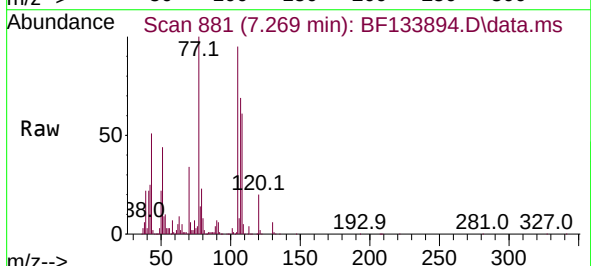
Tgt Ion: 70 Resp: 22964
Ion Ratio Lower Upper
70 100
42 71.8 55.8 83.8
101 9.9 8.1 12.1
130 18.8 15.7 23.5

Manual Integrations
APPROVED

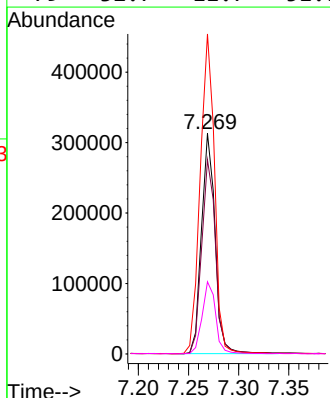
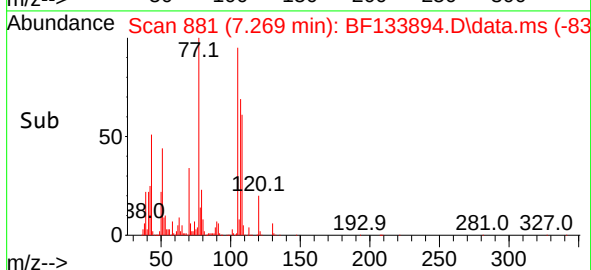
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

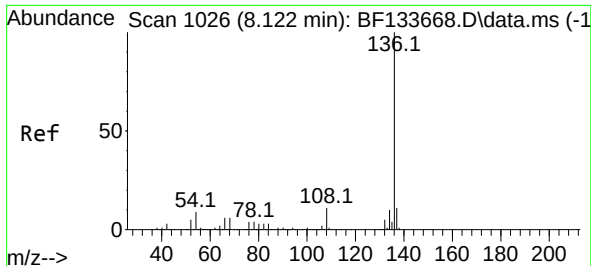


#20
3+4-Methylphenols
Concen: 40.442 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



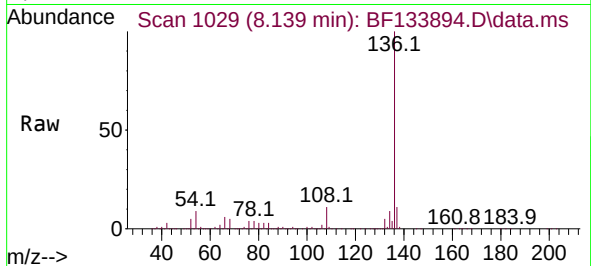
Tgt Ion:107 Resp: 295816
Ion Ratio Lower Upper
107 100
108 88.1 67.9 107.9
77 145.2 77.7 117.7#
79 32.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

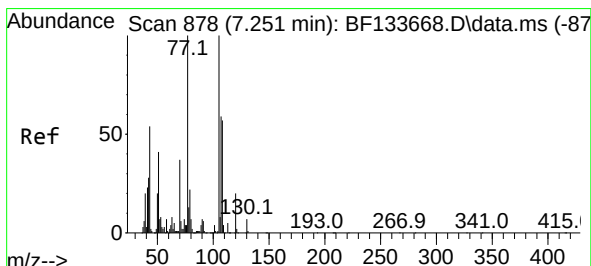
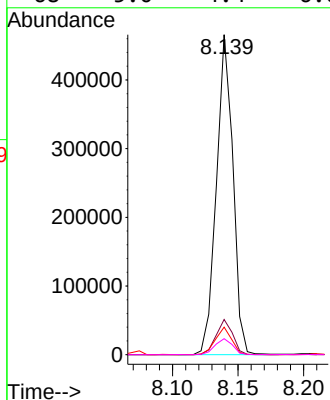
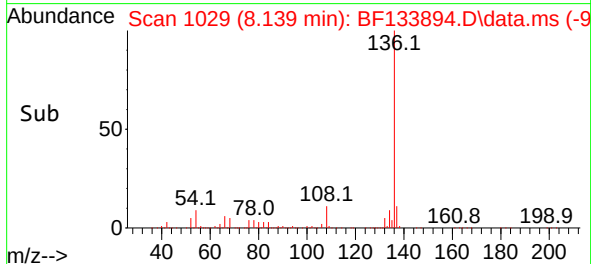
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:136 Resp: 407777
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 7.4 11.0
68 5.0 4.4 6.6

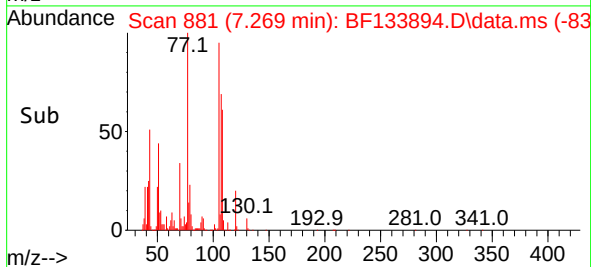
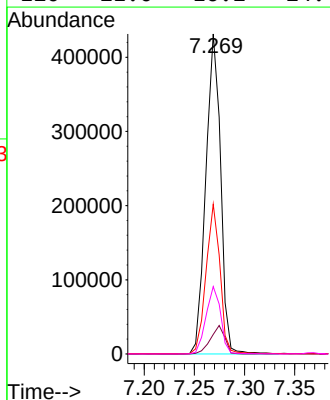
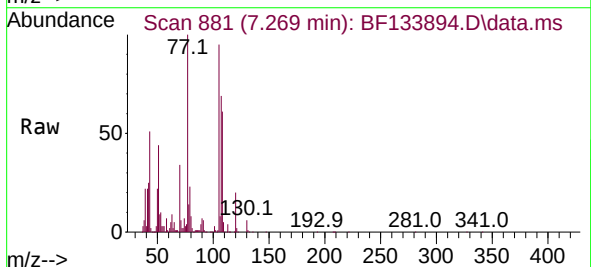
Manual Integrations
APPROVED

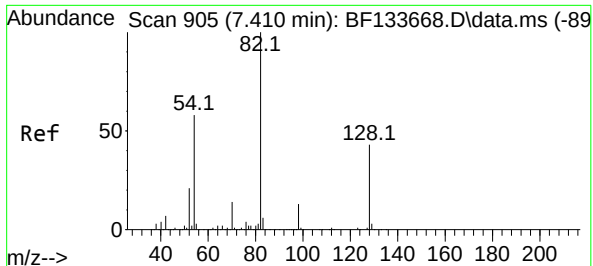
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 47.499 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:105 Resp: 444240
Ion Ratio Lower Upper
105 100
71 6.1 4.8 7.2
51 46.8 33.0 49.4
120 21.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 88.693 ng

RT: 7.428 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

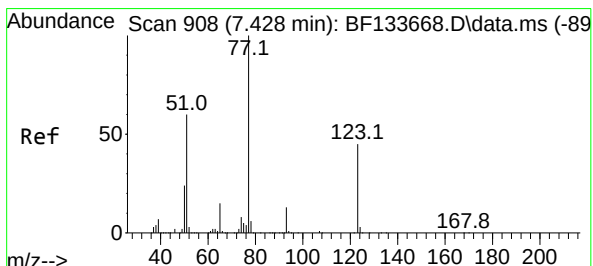
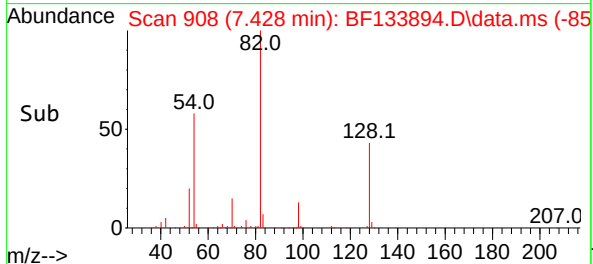
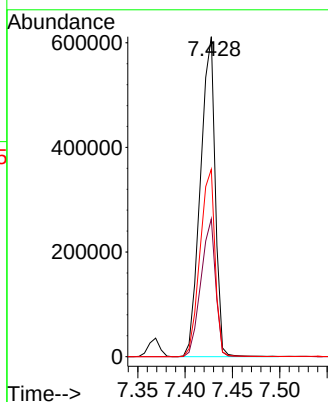
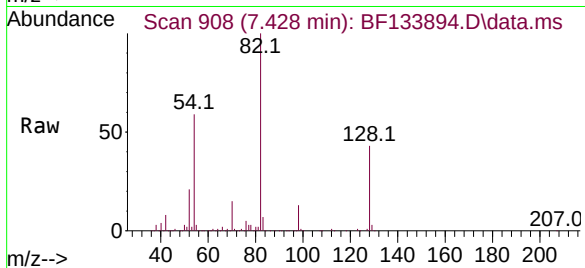
OR-402-COMP-09MS

Tgt Ion: 82 Resp: 664019
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.2 51.2
 54 58.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#24

Nitrobenzene

Concen: 46.183 ng

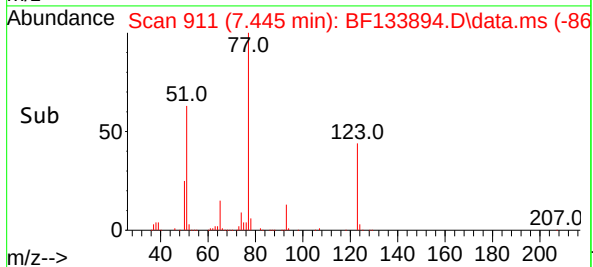
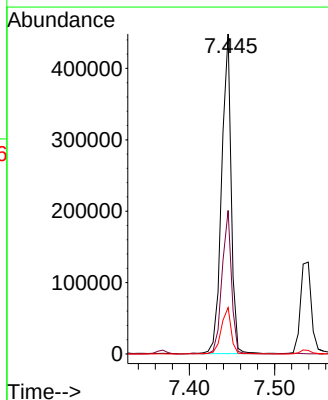
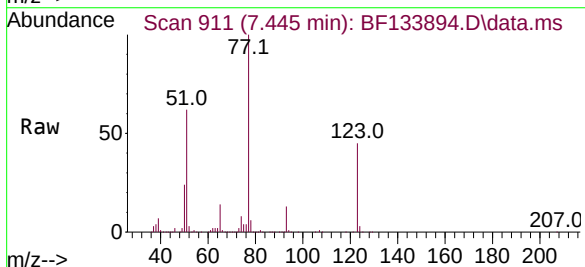
RT: 7.445 min Scan# 911

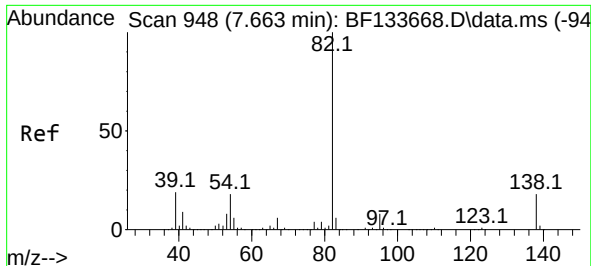
Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Tgt Ion: 77 Resp: 348161
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.8 53.8
 65 14.5 11.6 17.4





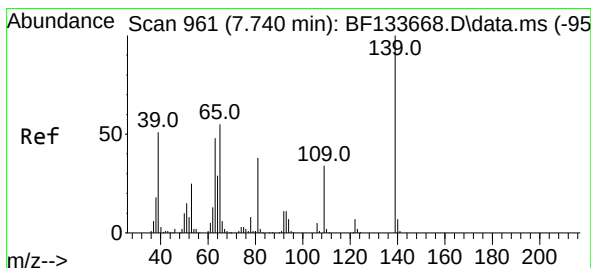
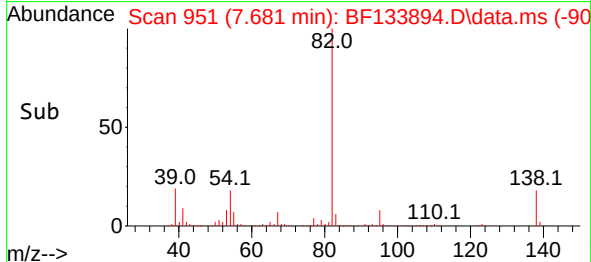
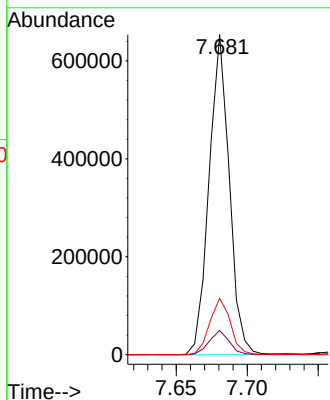
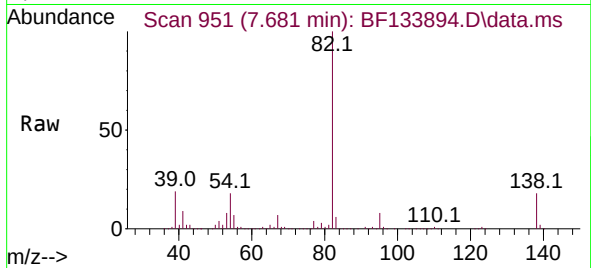
#25
Isophorone
Concen: 47.083 ng
RT: 7.681 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS

Tgt Ion: 82 Resp: 647148
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 17.6 14.2 21.2

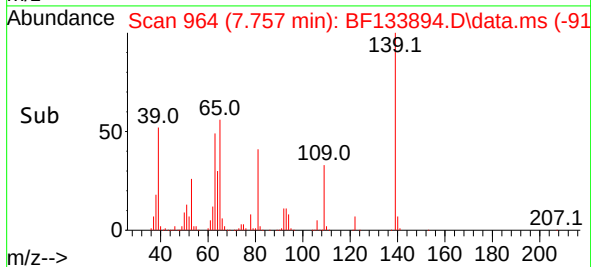
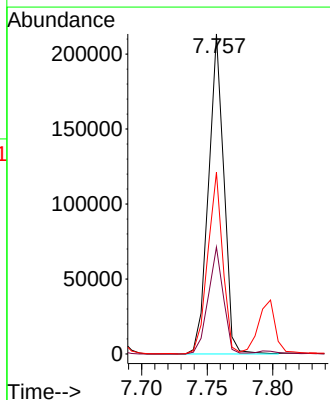
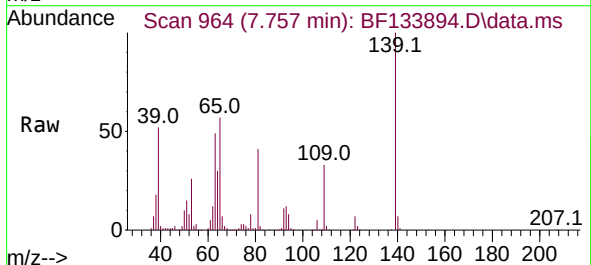
Manual Integrations
APPROVED

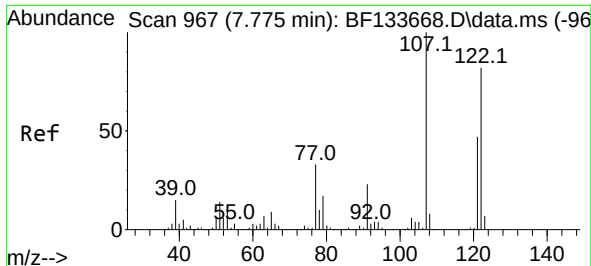
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
2-Nitrophenol
Concen: 51.518 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

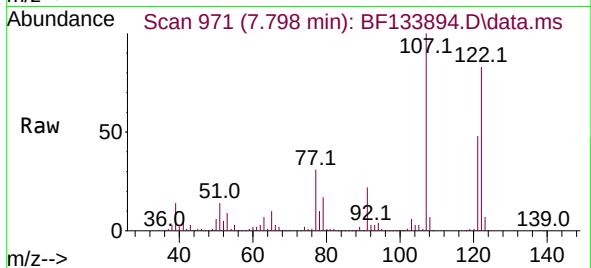
Tgt Ion:139 Resp: 174300
Ion Ratio Lower Upper
139 100
109 33.4 27.0 40.6
65 56.8 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 47.880 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

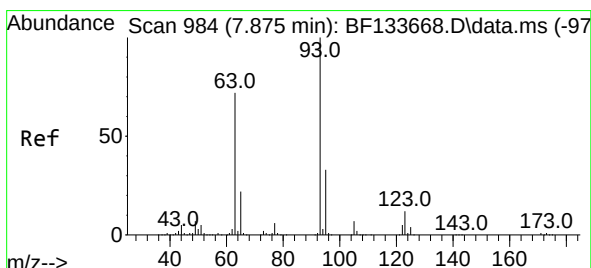
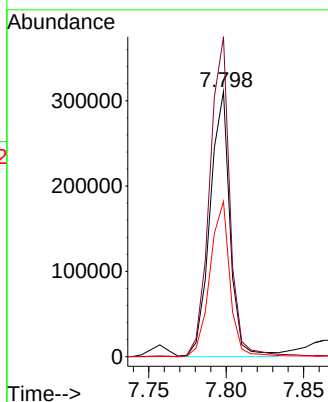
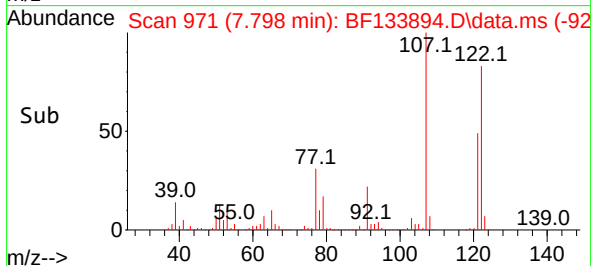
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



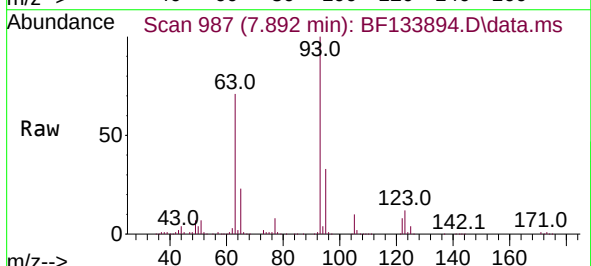
Tgt Ion: 122 Resp: 279210
Ion Ratio Lower Upper
122 100
107 120.7 97.8 146.6
121 58.5 46.1 69.1

Manual Integrations
APPROVED

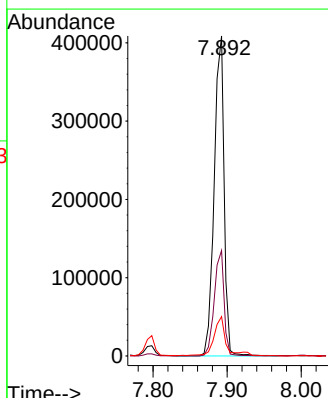
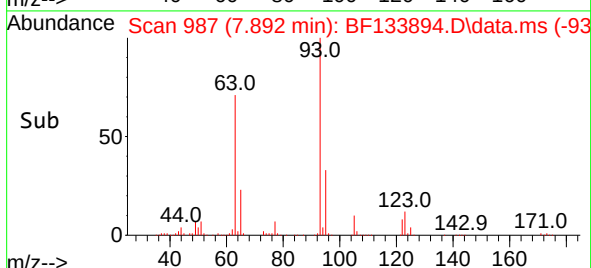
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

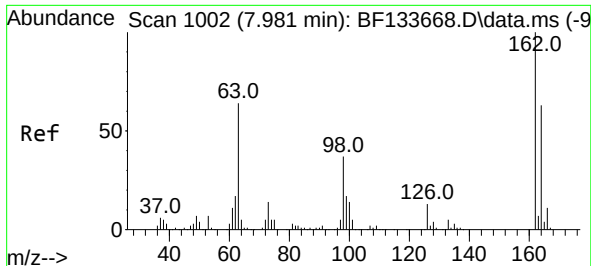


#28
bis(2-Chloroethoxy)methane
Concen: 47.773 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion: 93 Resp: 379509
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 47.029 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

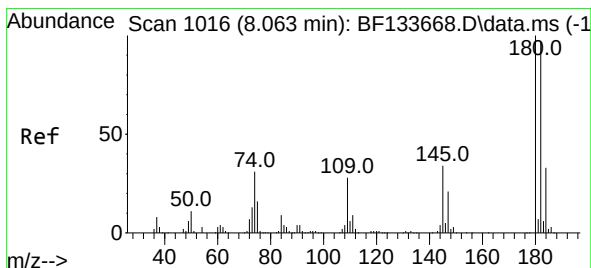
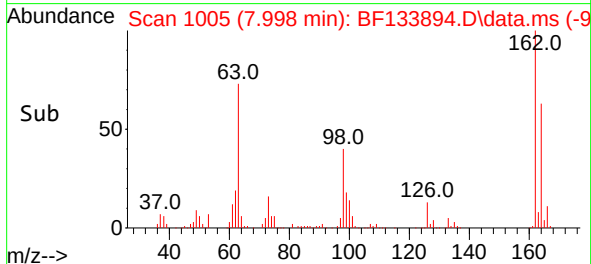
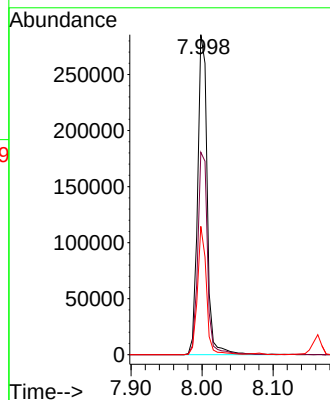
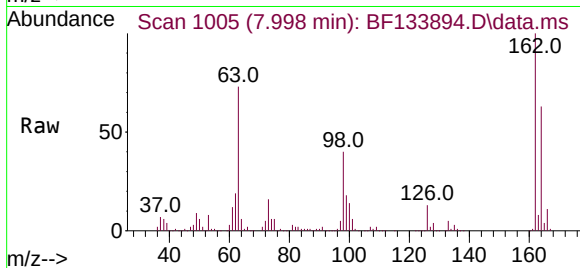
Tgt Ion:162 Resp: 268782
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.4 83.4
 98 40.1 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.631 ng

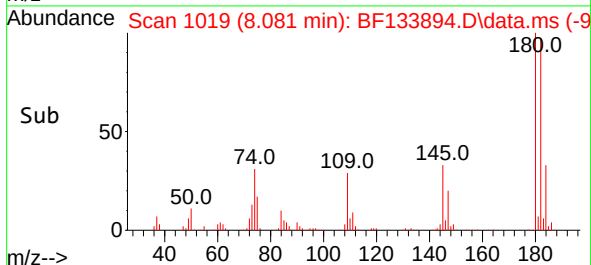
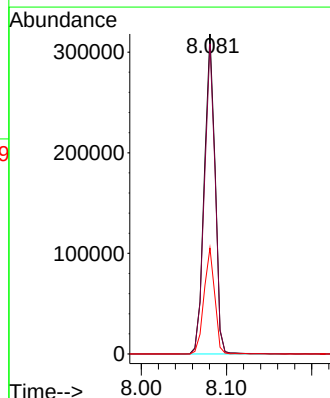
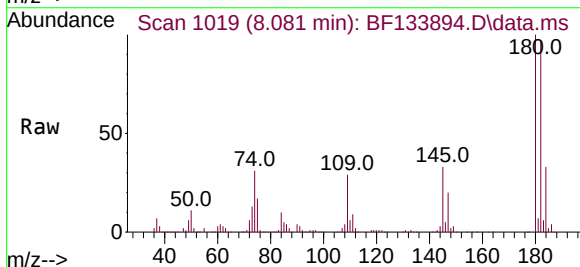
RT: 8.081 min Scan# 1019

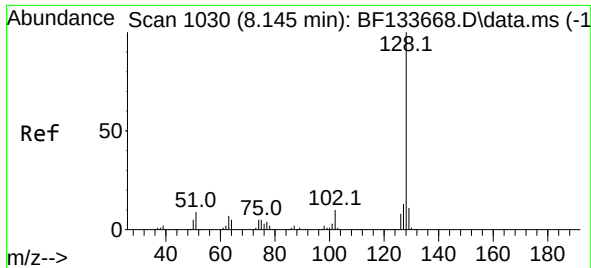
Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

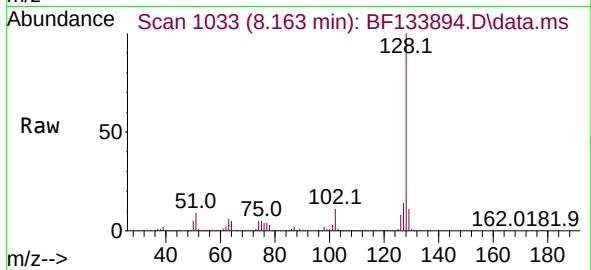
Tgt Ion:180 Resp: 278056
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.8 116.8
 145 33.1 27.0 40.4





#31
Naphthalene
Concen: 45.481 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

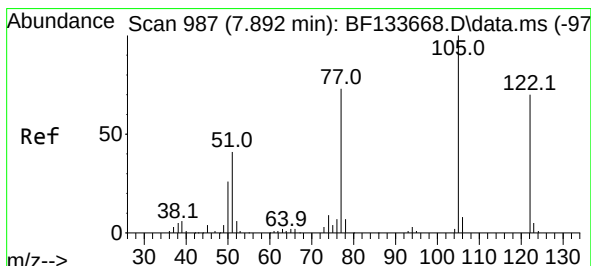
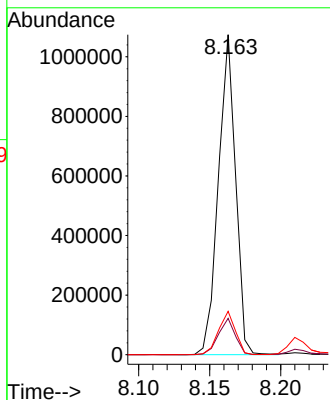
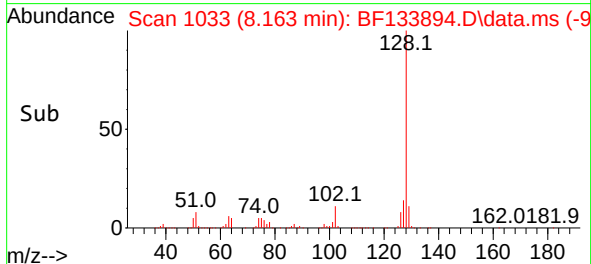
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:128 Resp: 903550
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.5 15.7

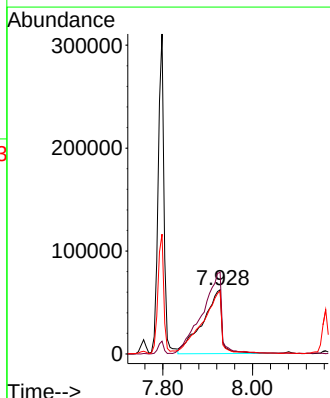
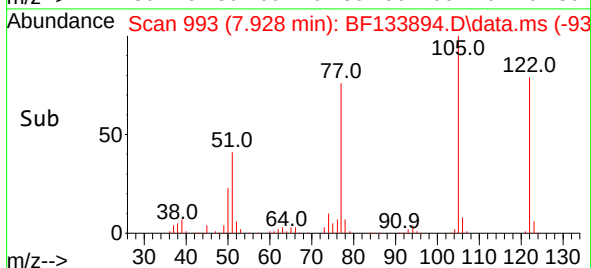
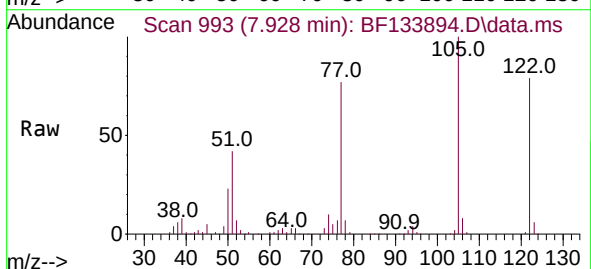
Manual Integrations
APPROVED

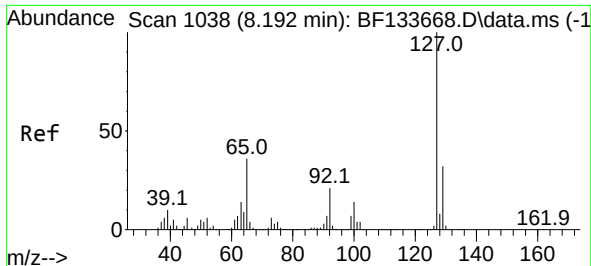
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 51.190 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.018 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:122 Resp: 188265
Ion Ratio Lower Upper
122 100
105 127.2 116.3 156.3
77 98.1 82.4 122.4





#33
4-Chloroaniline
Concen: 7.452 ng
RT: 8.210 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

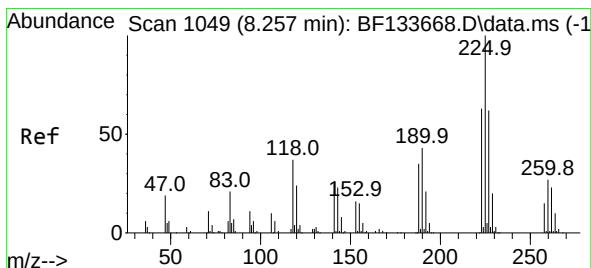
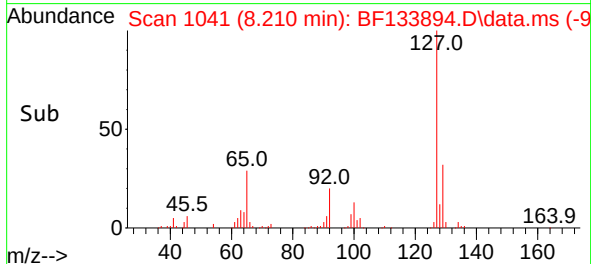
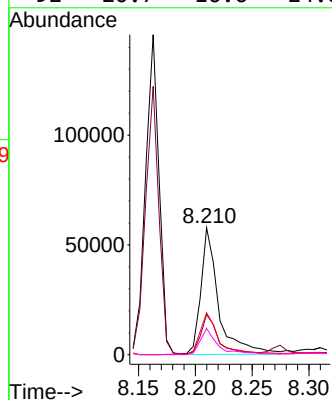
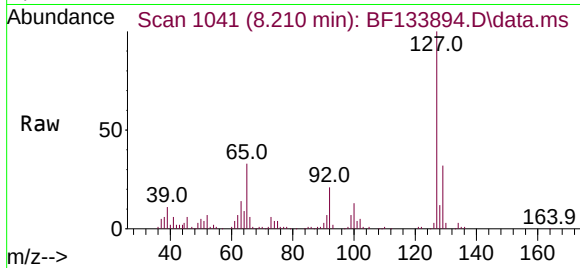
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS

Tgt Ion:127 Resp: 63295

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4
65	33.1	28.9	43.3
92	20.7	16.6	24.8

Manual Integrations
APPROVED

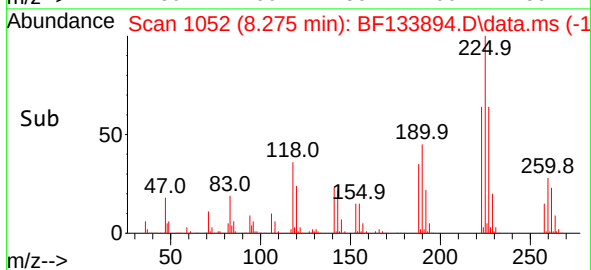
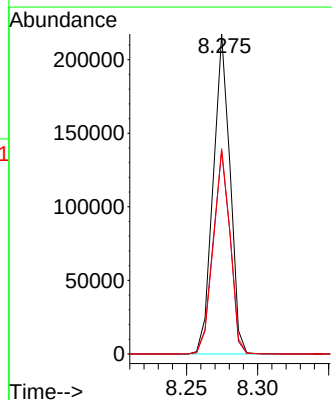
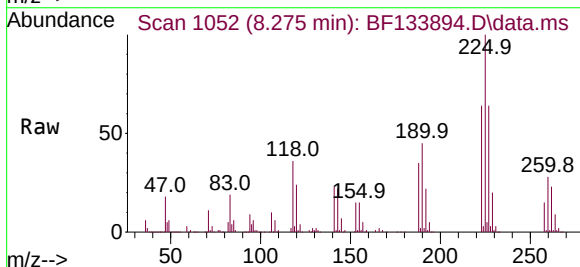
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

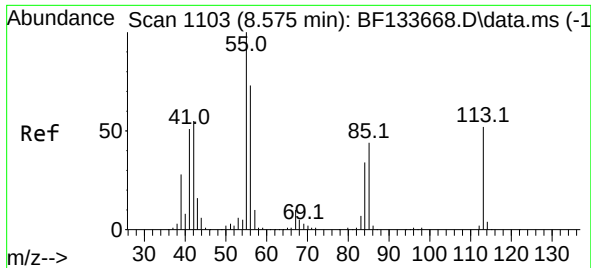


#34
Hexachlorobutadiene
Concen: 45.938 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:225 Resp: 179343

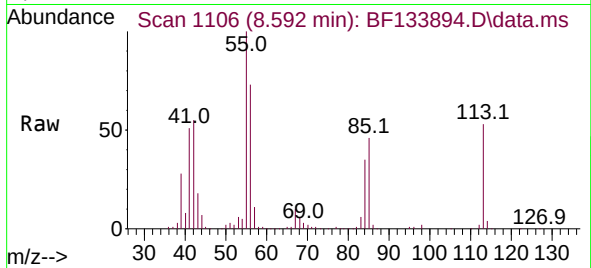
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.4
227	64.2	49.5	74.3





#35
Caprolactam
Concen: 40.489 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

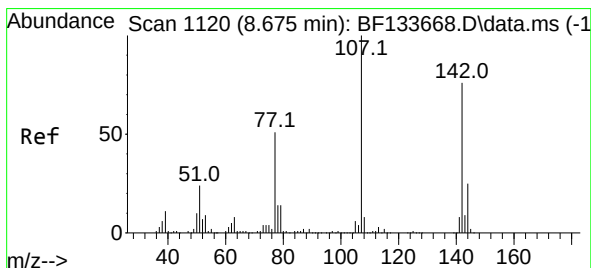
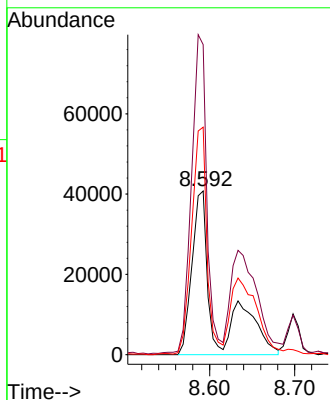
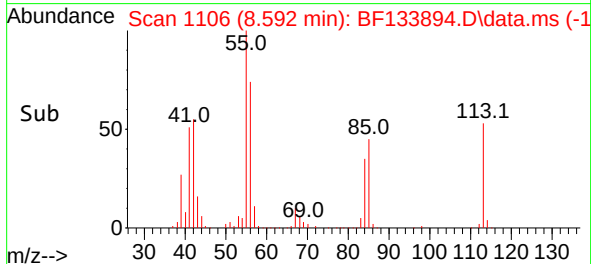
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:113 Resp: 7786
Ion Ratio Lower Upper
113 100
55 189.4 173.3 213.3
56 139.0 120.5 160.5

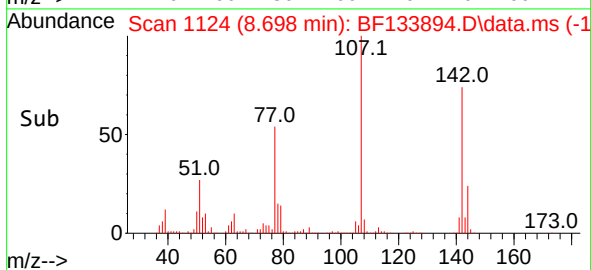
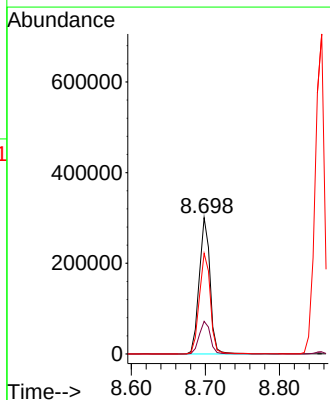
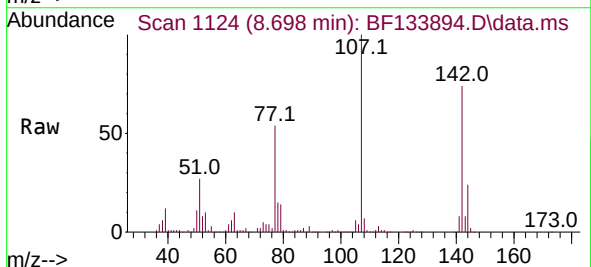
Manual Integrations
APPROVED

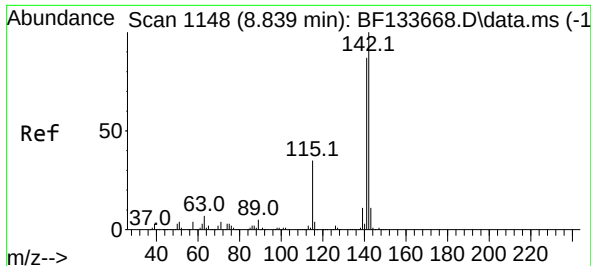
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 46.565 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:107 Resp: 306755
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 73.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 44.558 ng

RT: 8.857 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:142 Resp: 61506

Ion Ratio Lower Upper

142 100

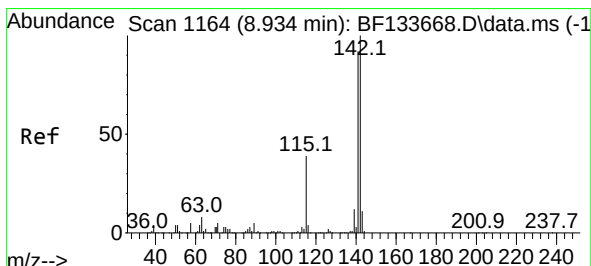
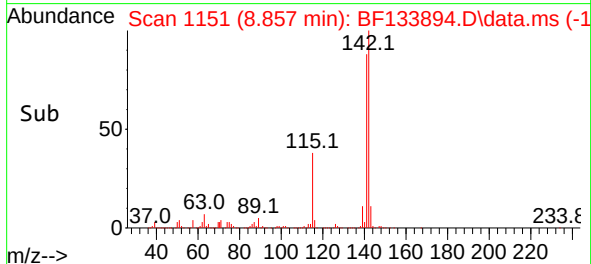
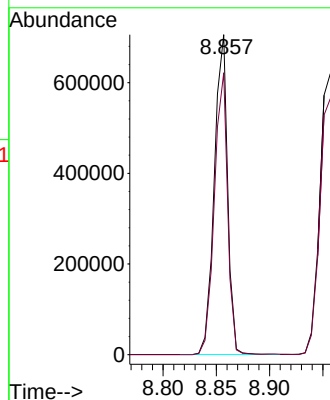
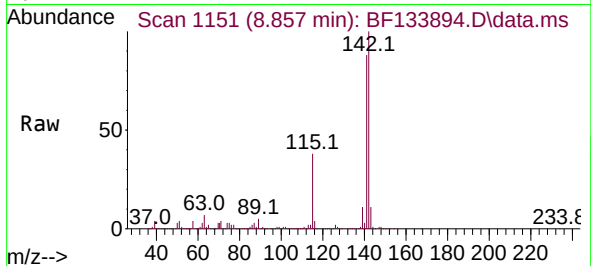
141 88.1 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#38

1-Methylnaphthalene

Concen: 45.179 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF133894.D

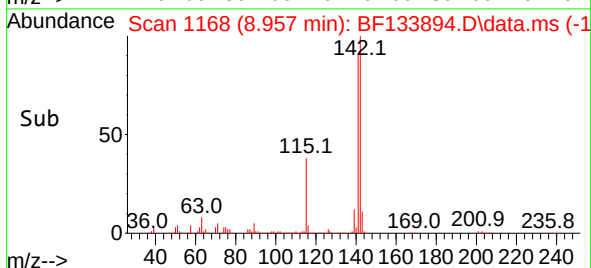
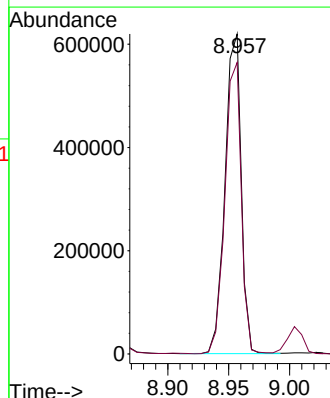
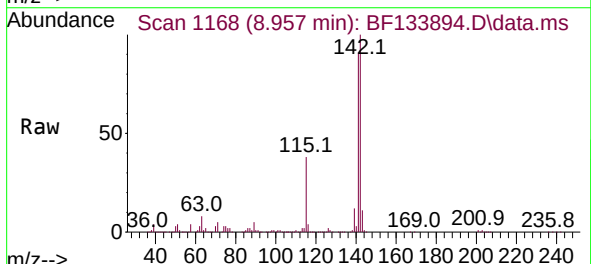
Acq: 22 Jun 2023 11:16

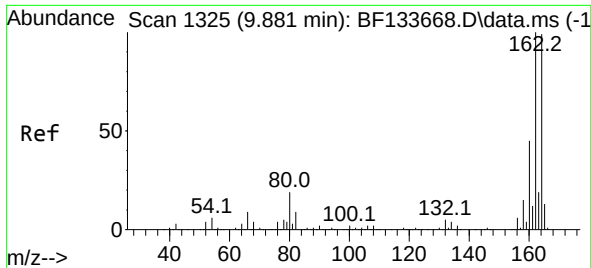
Tgt Ion:142 Resp: 573874

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF133894.D

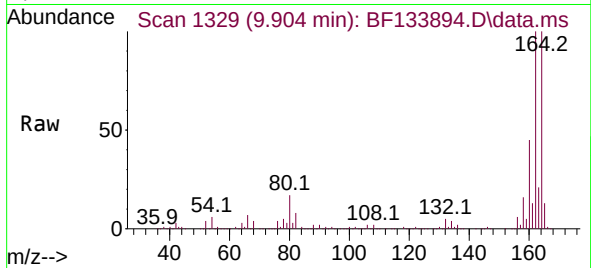
Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS



Tgt Ion:164 Resp: 211470

Ion Ratio Lower Upper

164 100

162 100.0 80.8 121.2

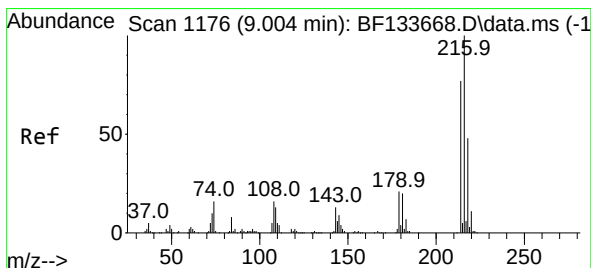
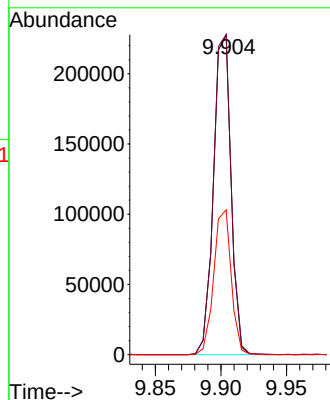
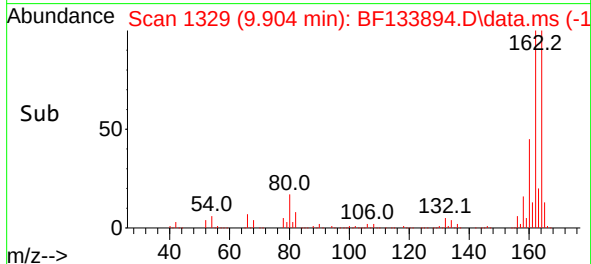
160 45.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.254 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Tgt Ion:216 Resp: 290940

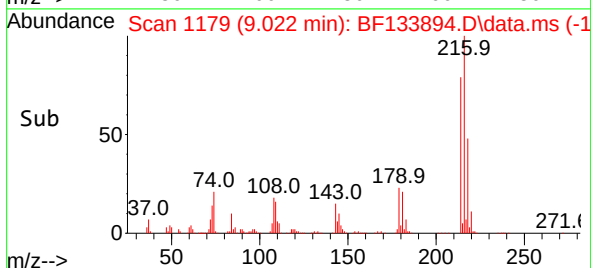
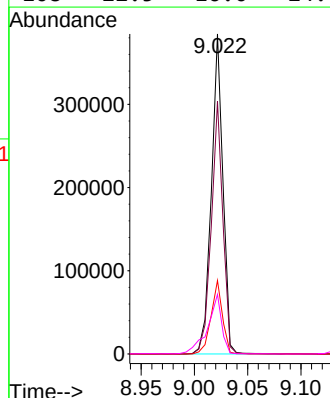
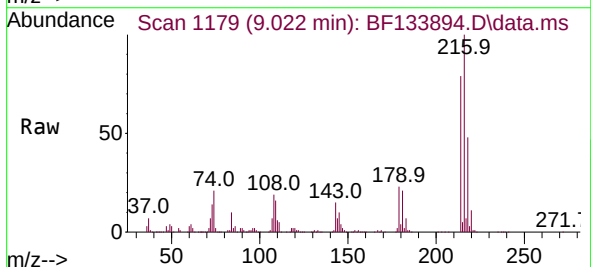
Ion Ratio Lower Upper

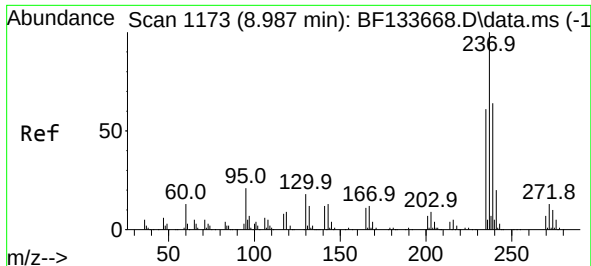
216 100

214 79.1 62.7 94.1

179 22.7 17.6 26.4

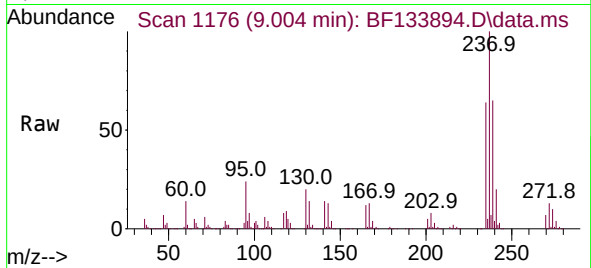
108 22.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 125.657 ng
RT: 9.004 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

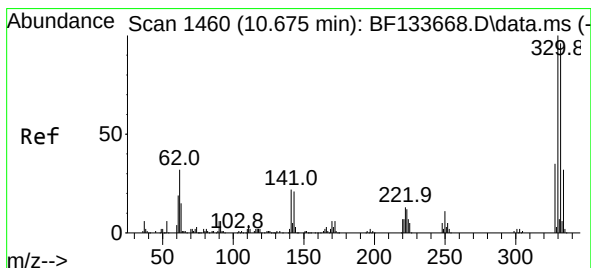
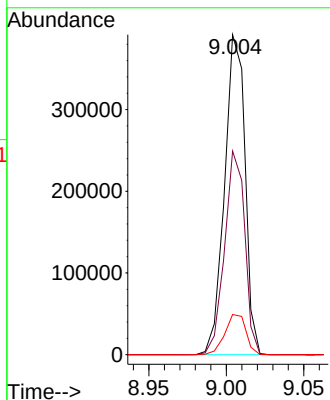
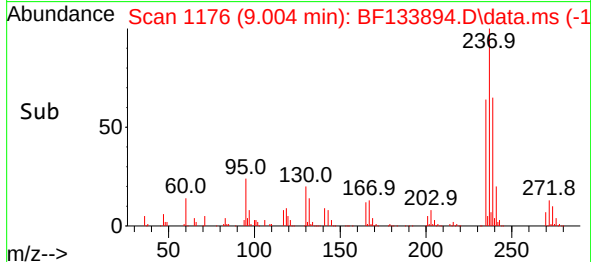
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



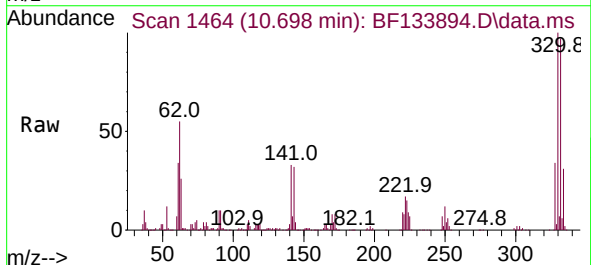
Tgt Ion:237 Resp: 360000
Ion Ratio Lower Upper
237 100
235 63.6 40.6 80.6
272 12.5 0.0 32.6

Manual Integrations
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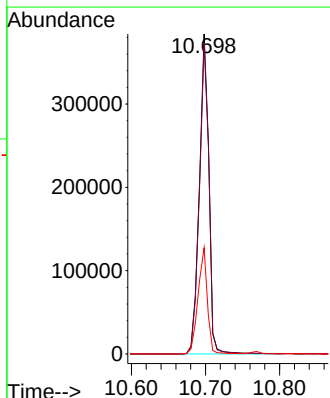
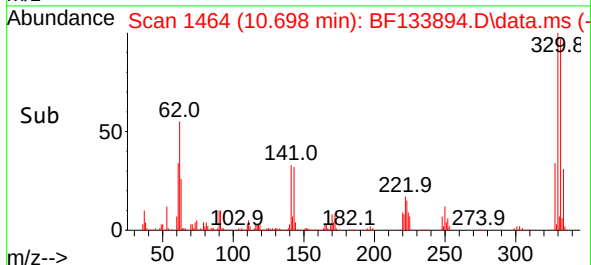
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

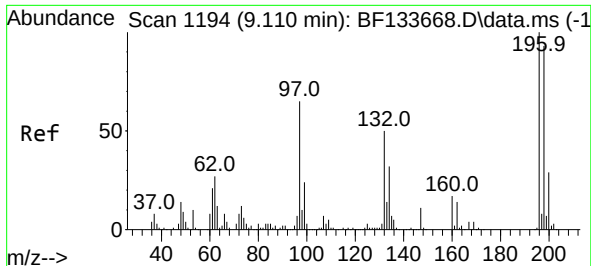


#42
2,4,6-Tribromophenol
Concen: 127.833 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



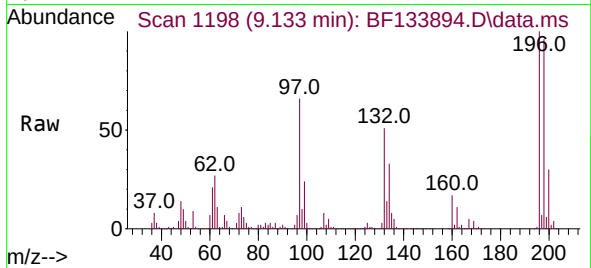
Tgt Ion:330 Resp: 342196
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 32.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 46.569 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

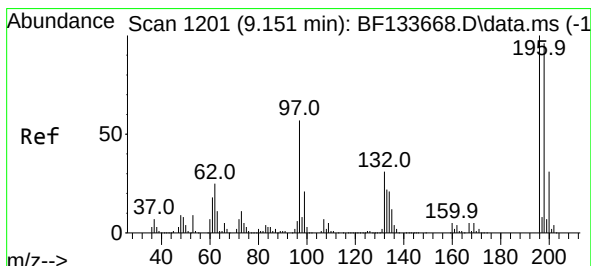
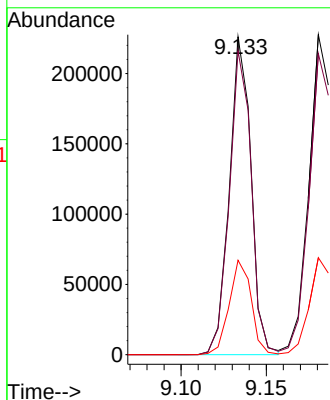
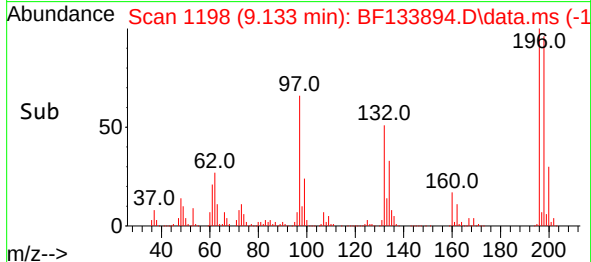
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



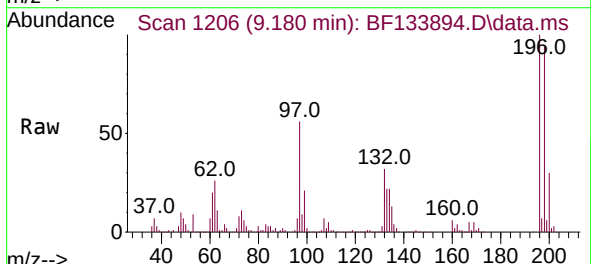
Tgt Ion:196 Resp: 200061
Ion Ratio Lower Upper
196 100
198 95.6 74.5 111.7
200 29.7 22.9 34.3

Manual Integrations
APPROVED

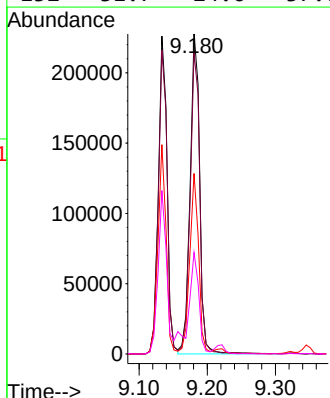
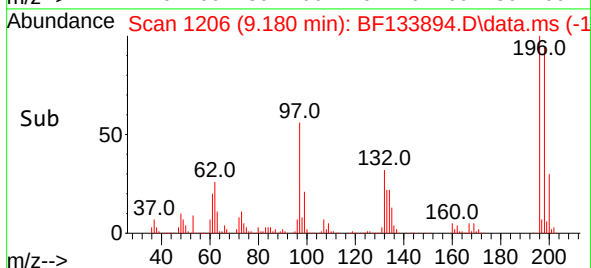
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

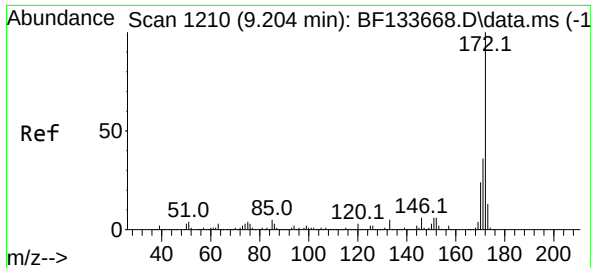


#44
2,4,5-Trichlorophenol
Concen: 44.127 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



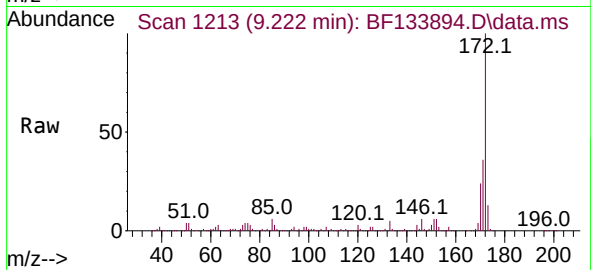
Tgt Ion:196 Resp: 220551
Ion Ratio Lower Upper
196 100
198 94.0 76.8 115.2
97 56.4 45.4 68.2
132 31.7 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 83.222 ng
RT: 9.222 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

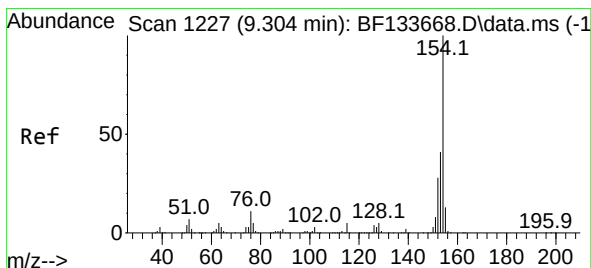
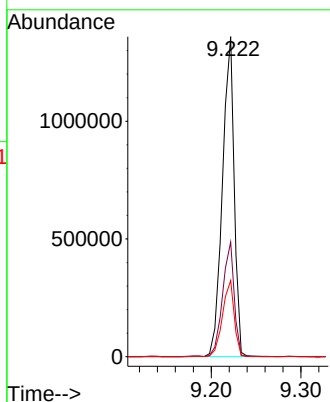
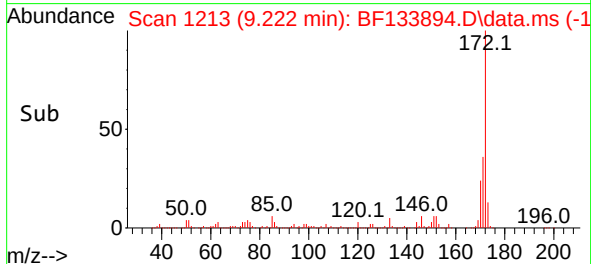
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



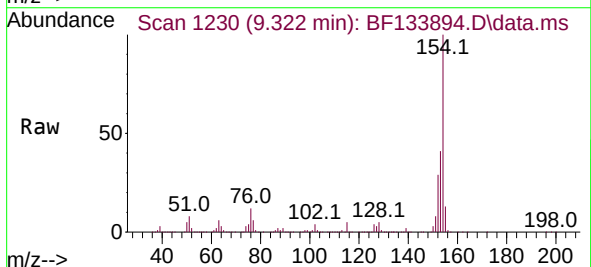
Tgt Ion:172 Resp: 1238072
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.1 28.7

Manual Integrations
APPROVED

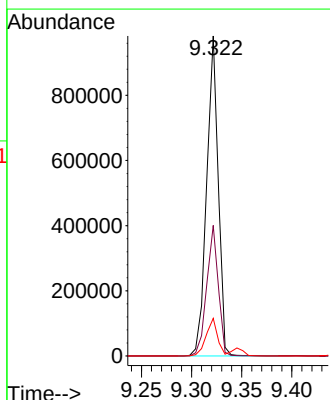
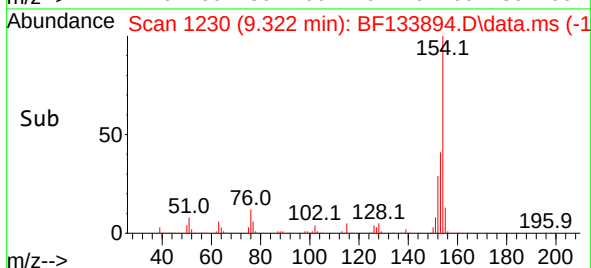
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

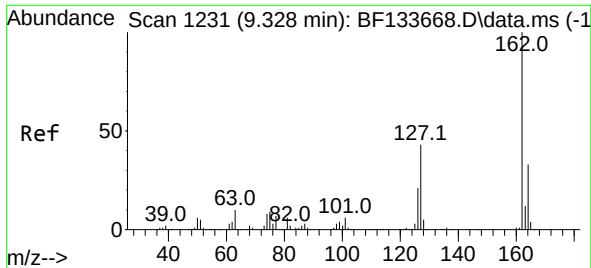


#46
1,1'-Biphenyl
Concen: 46.561 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion:154 Resp: 794135
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 11.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 47.268 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:162 Resp: 578299

Ion Ratio Lower Upper

162 100

127 43.9 34.6 52.0

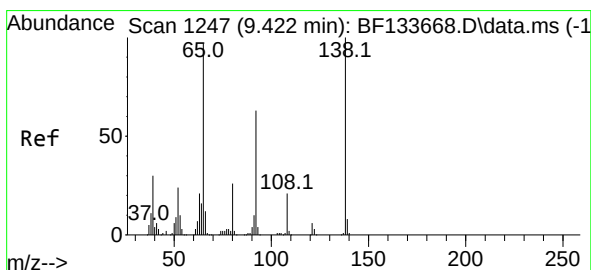
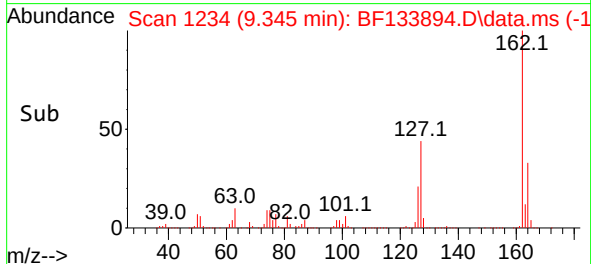
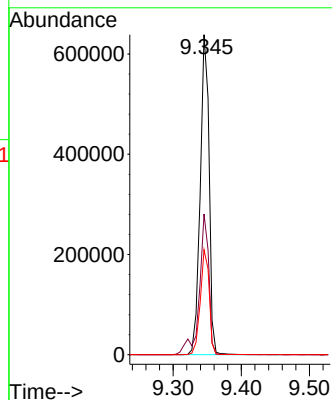
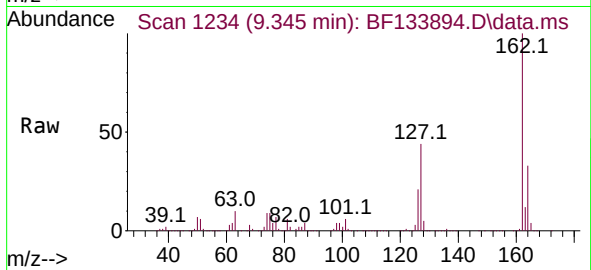
164 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 47.438 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

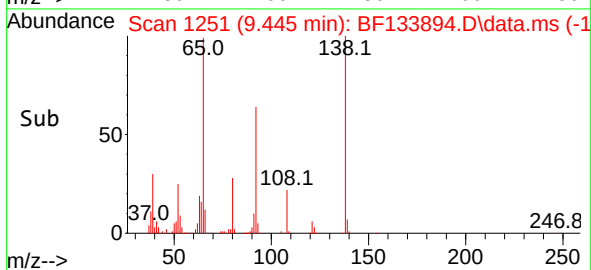
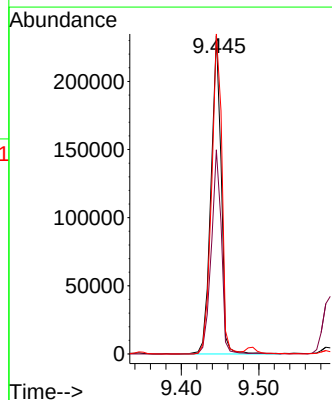
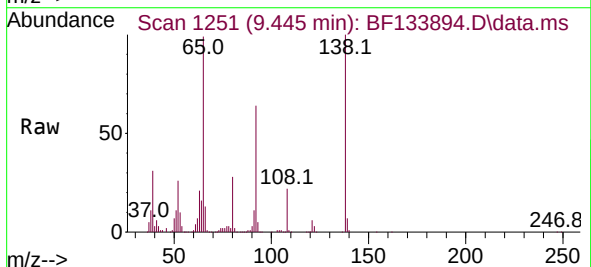
Tgt Ion: 65 Resp: 212259

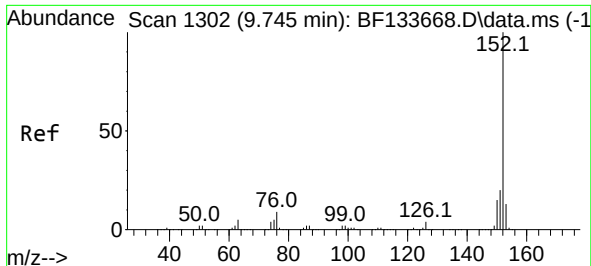
Ion Ratio Lower Upper

65 100

92 64.1 51.8 77.6

138 100.6 82.1 123.1





#49

Acenaphthylene

Concen: 45.417 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

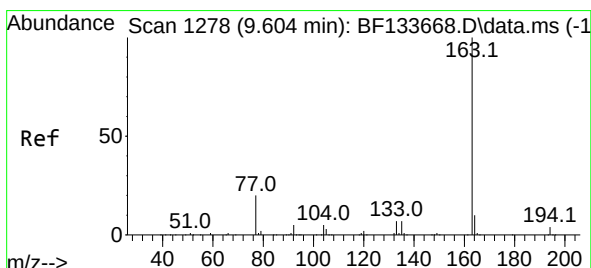
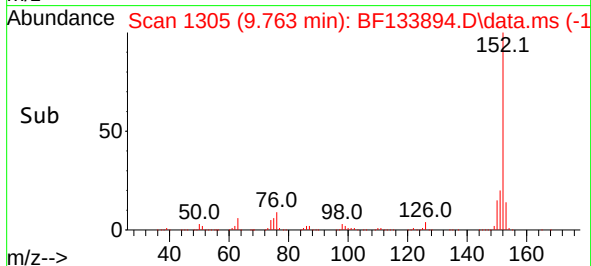
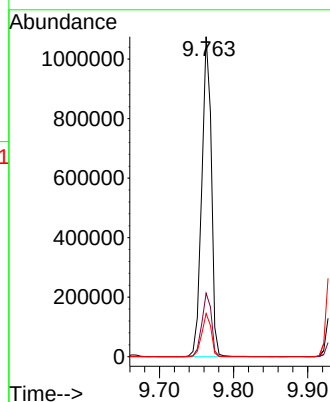
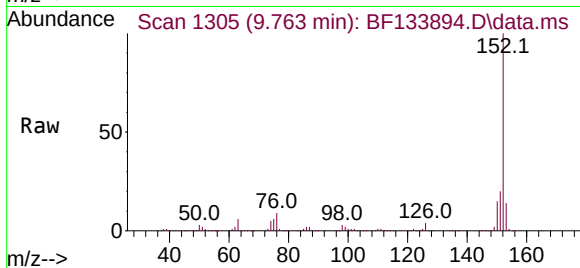
Tgt Ion:	152	Resp:	96710
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	13.5	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#50

Dimethylphthalate

Concen: 45.951 ng

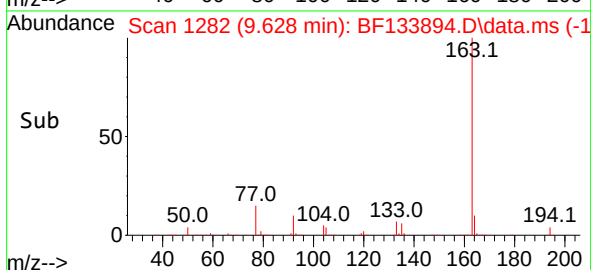
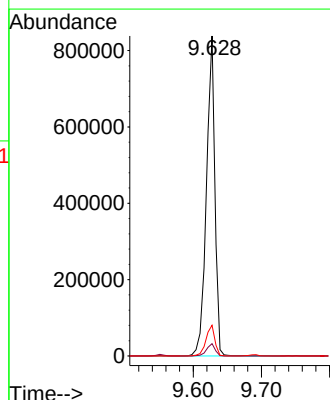
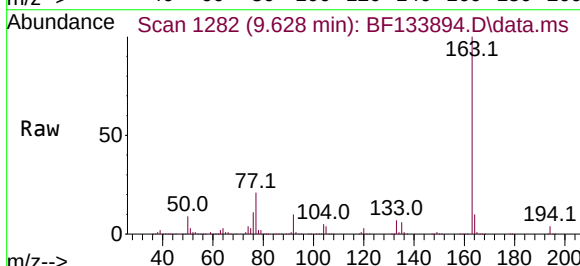
RT: 9.628 min Scan# 1282

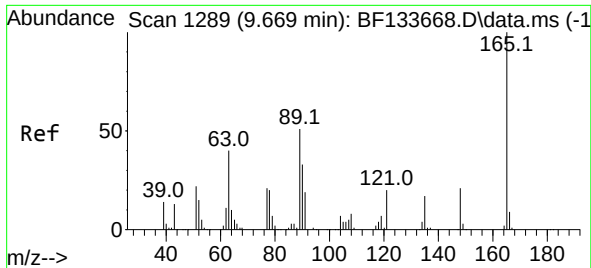
Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

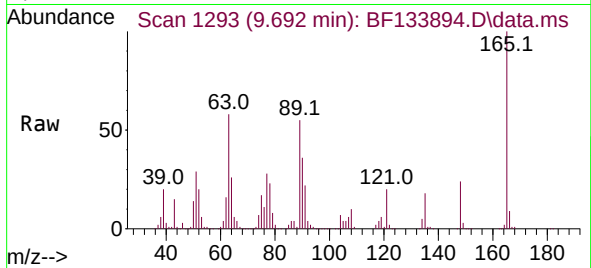
Tgt Ion:	163	Resp:	725332
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.6	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 49.541 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

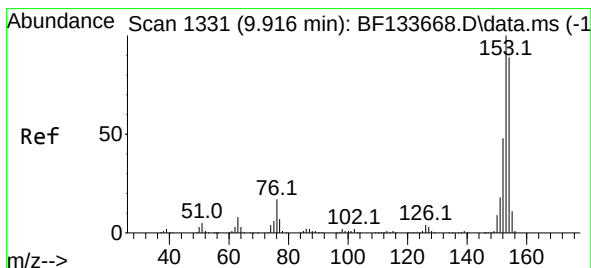
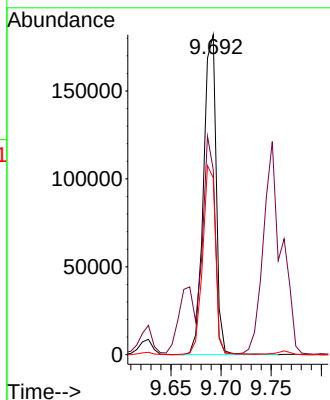
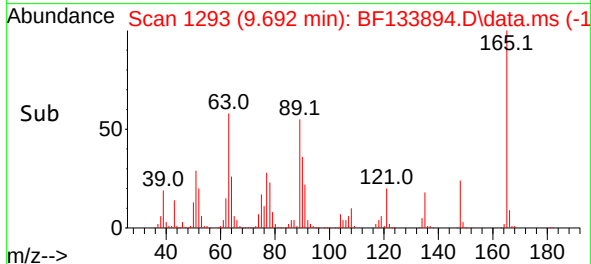
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:165 Resp: 16141
Ion Ratio Lower Upper
165 100
63 57.9 42.1 63.1
89 55.3 40.9 61.3

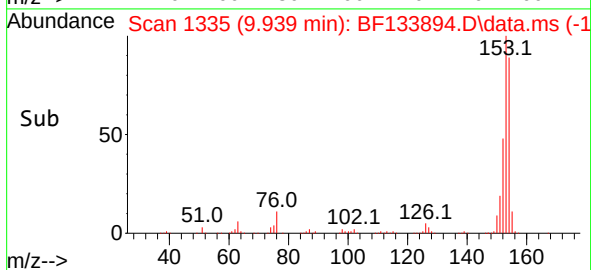
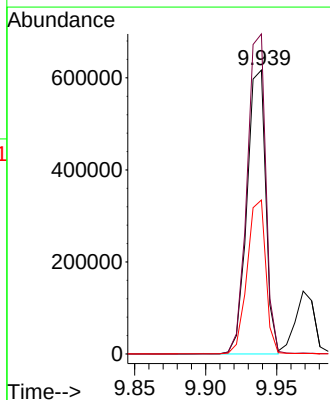
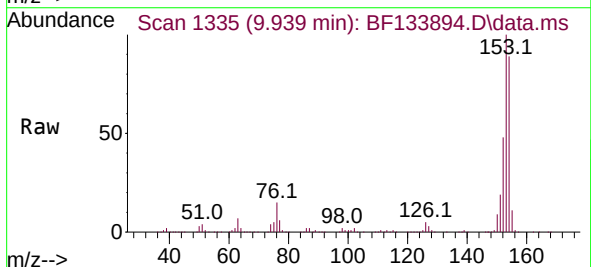
Manual Integrations
APPROVED

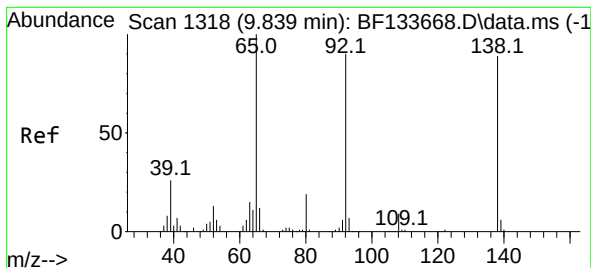
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 45.677 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

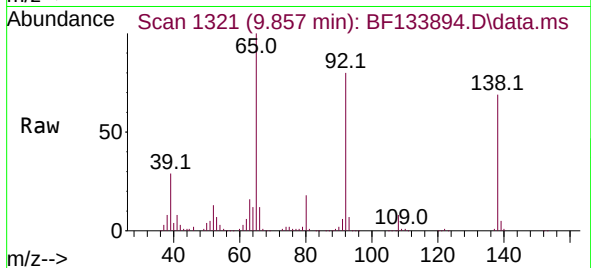
Tgt Ion:154 Resp: 569330
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 54.2 43.4 65.2





#53
3-Nitroaniline
Concen: 29.274 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

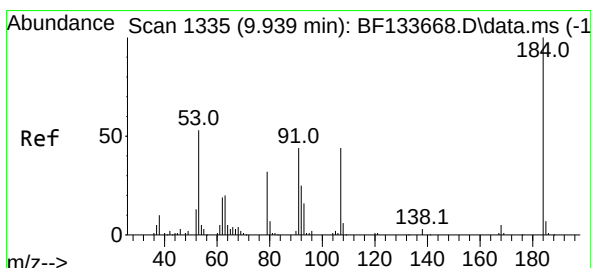
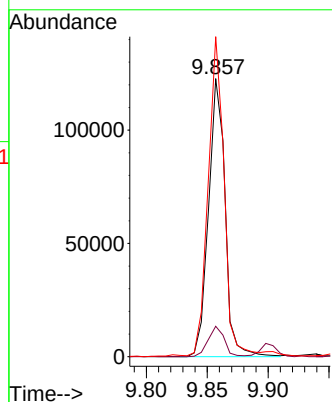
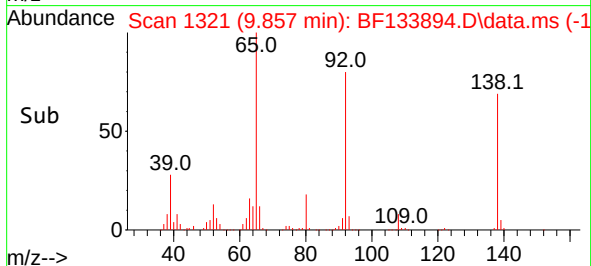
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



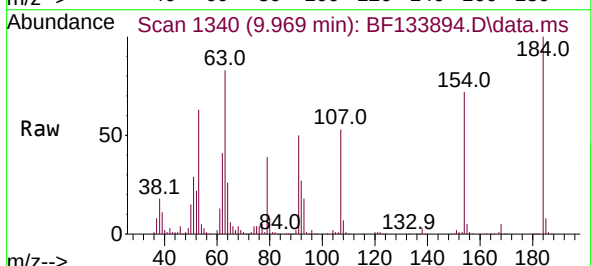
Tgt Ion:138 Resp: 116072
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 115.1 81.0 121.6

Manual Integrations
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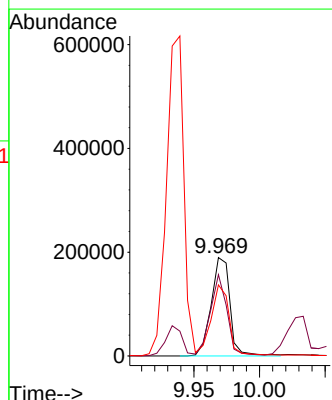
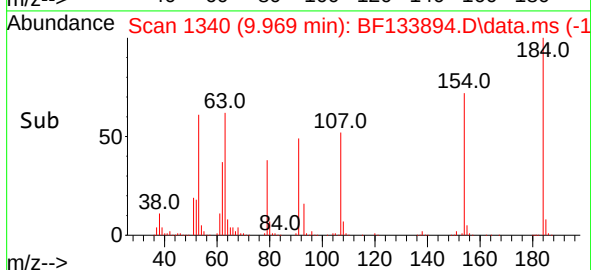
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

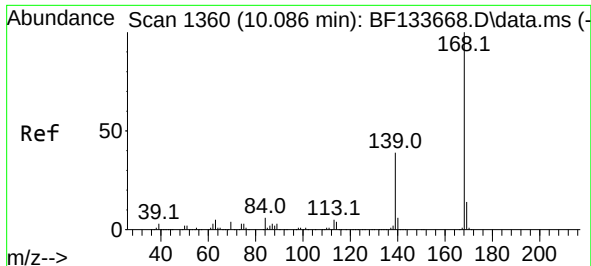


#54
2,4-Dinitrophenol
Concen: 116.076 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



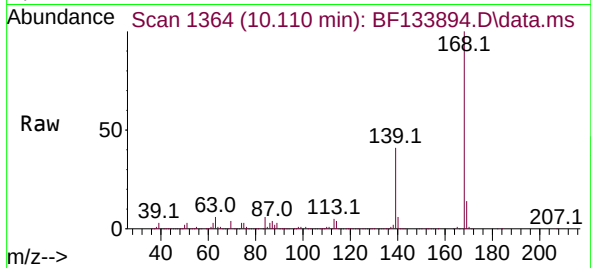
Tgt Ion:184 Resp: 189230
Ion Ratio Lower Upper
184 100
63 82.6 55.3 82.9
154 72.1 51.9 77.9





#55
Dibenzenofuran
Concen: 45.955 ng
RT: 10.110 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

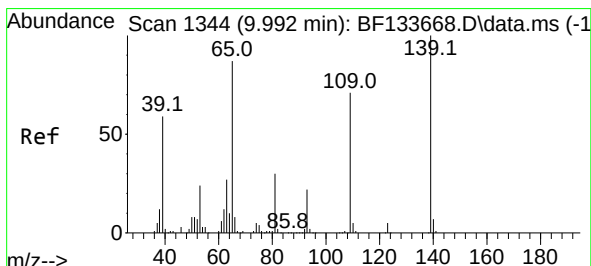
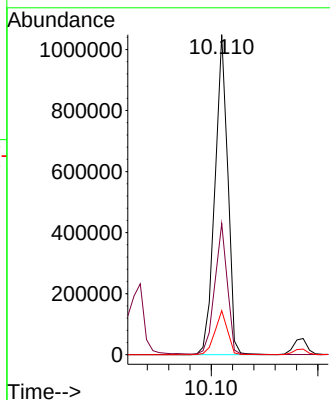
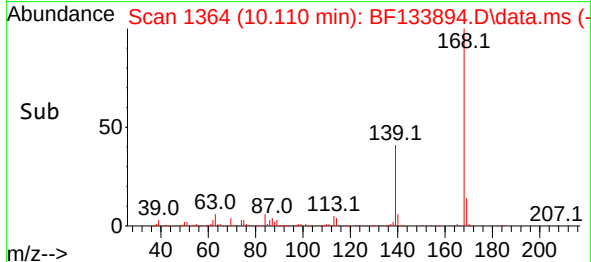
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:168 Resp: 874020
Ion Ratio Lower Upper
168 100
139 41.0 30.9 46.3
169 13.7 10.9 16.3

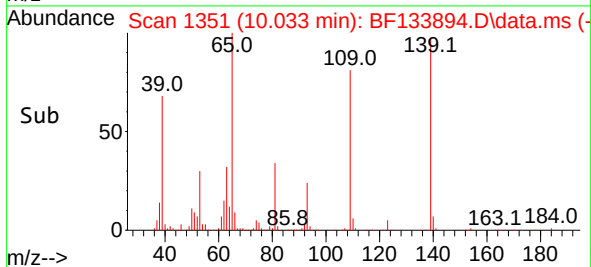
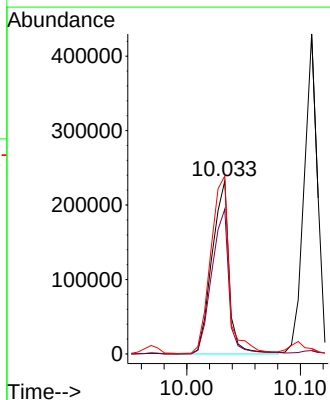
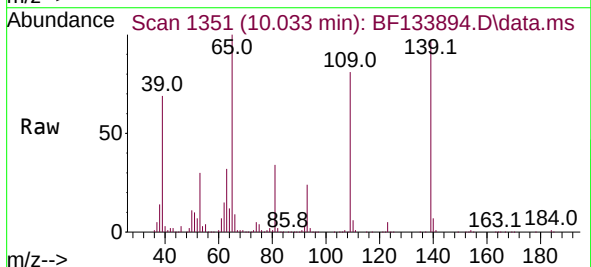
Manual Integrations
APPROVED

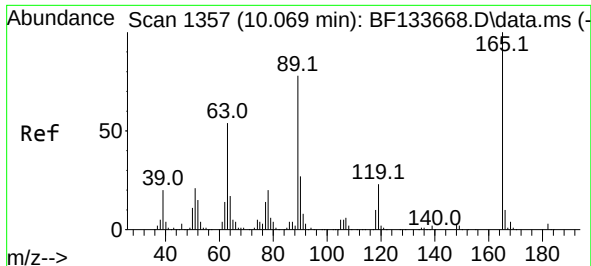
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 90.870 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

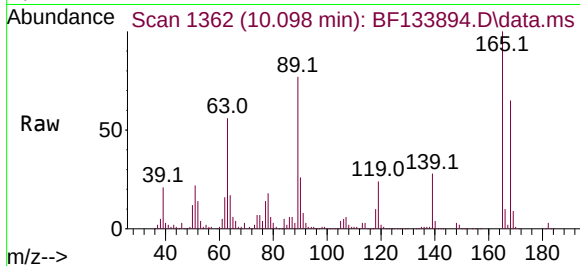
Tgt Ion:139 Resp: 243161
Ion Ratio Lower Upper
139 100
109 83.7 50.7 90.7
65 102.9 67.1 107.1





#57
2,4-Dinitrotoluene
Concen: 50.816 ng
RT: 10.098 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

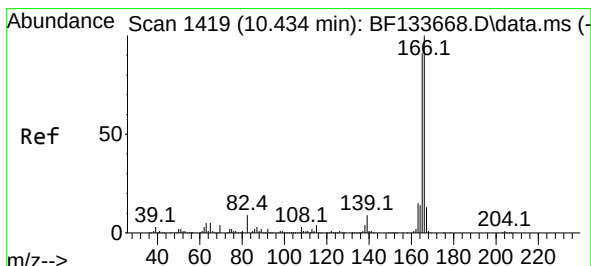
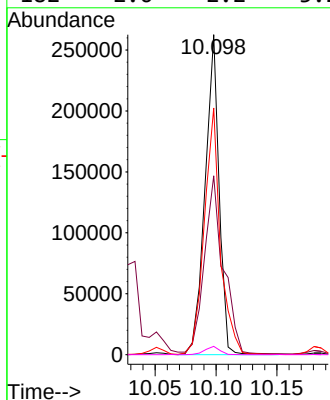
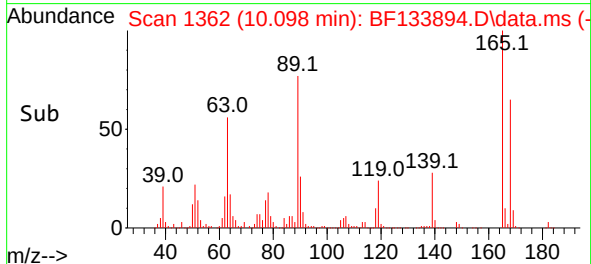
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



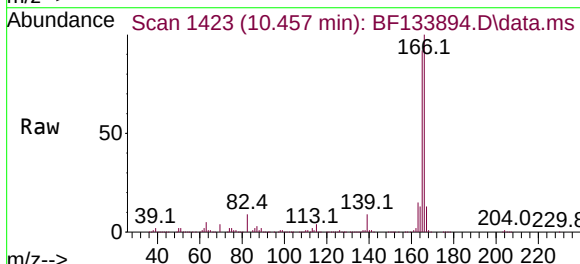
Tgt Ion:165 Resp: 210569
Ion Ratio Lower Upper
165 100
63 55.9 43.0 64.6
89 77.1 62.6 93.8
182 2.6 2.2 3.2

Manual Integrations
APPROVED

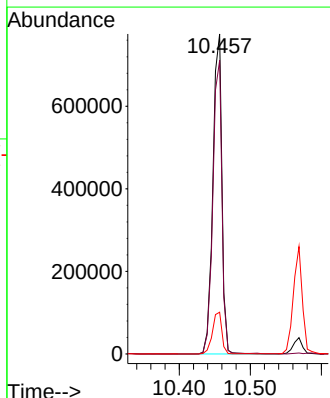
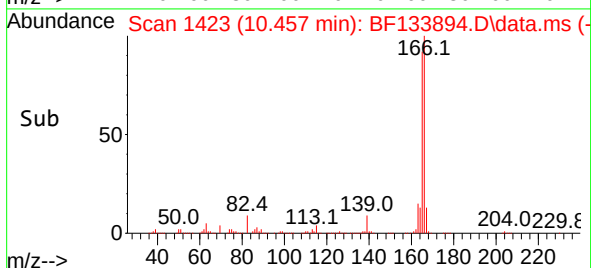
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

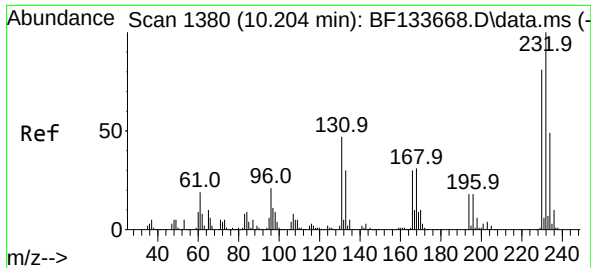


#58
Fluorene
Concen: 47.137 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



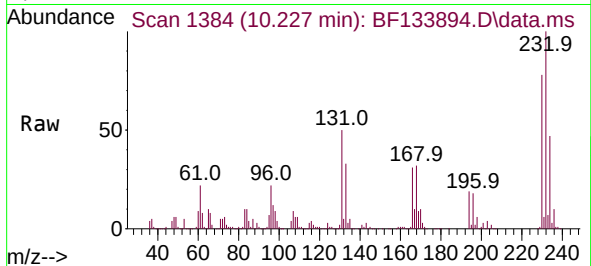
Tgt Ion:166 Resp: 685577
Ion Ratio Lower Upper
166 100
165 91.8 73.1 109.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.630 ng
RT: 10.227 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

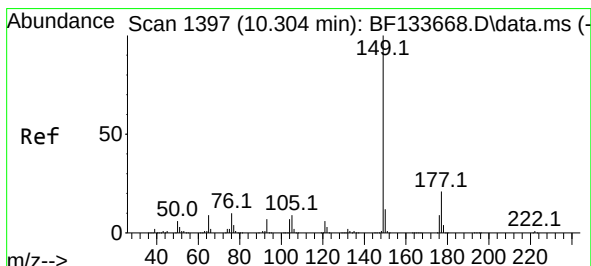
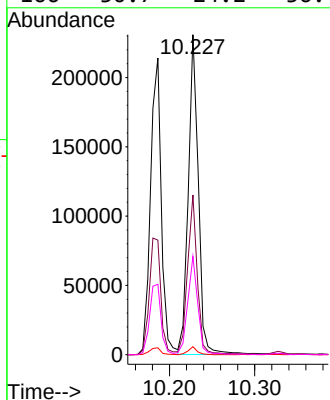
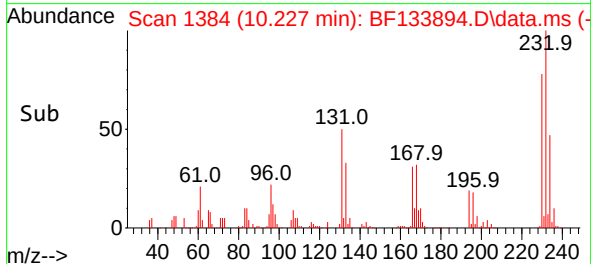
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



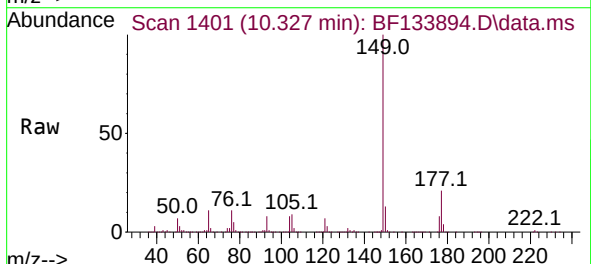
Tgt Ion:232 Resp: 18945
Ion Ratio Lower Upper
232 100
131 47.9 38.0 57.0
130 2.2 1.8 2.8
166 30.7 24.2 36.4

Manual Integrations
APPROVED

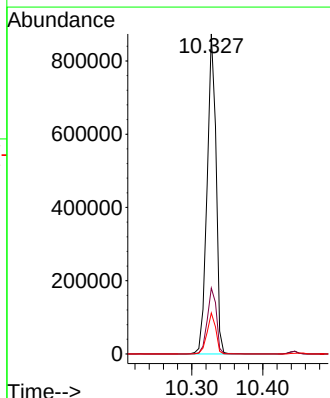
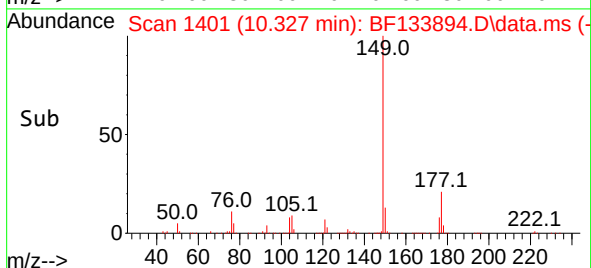
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

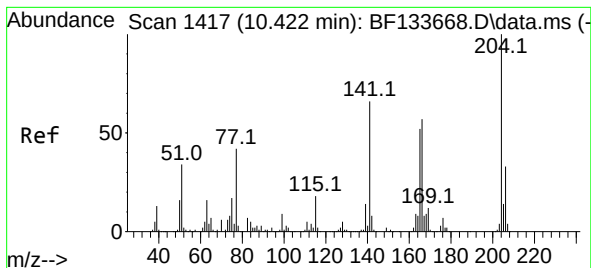


#60
Diethylphthalate
Concen: 47.751 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



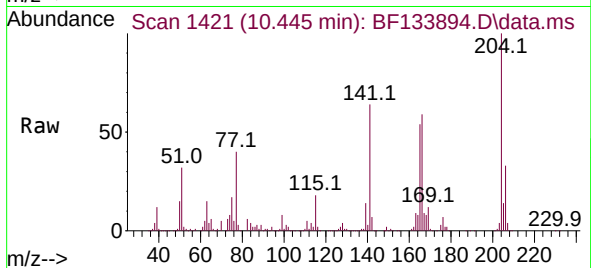
Tgt Ion:149 Resp: 767138
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.471 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

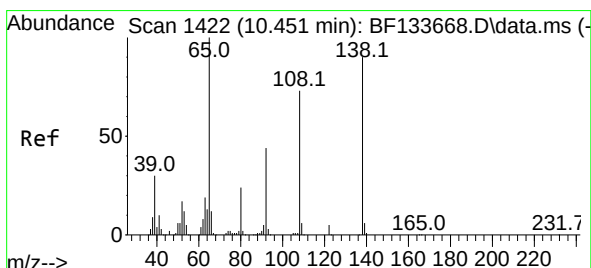
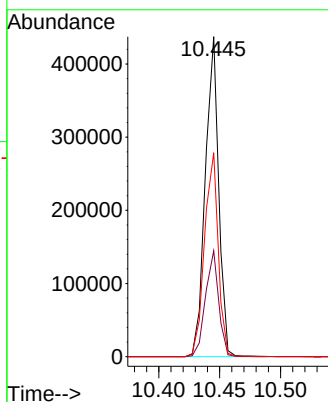
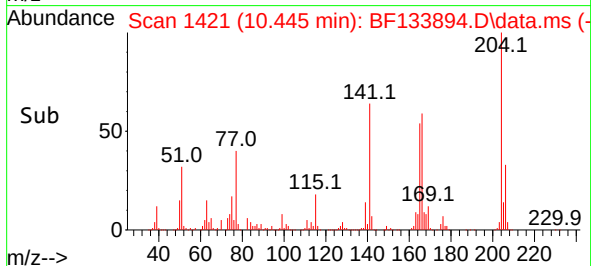
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



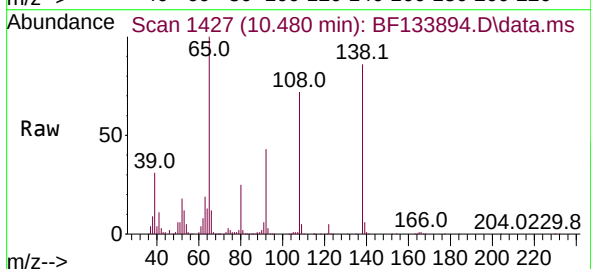
Tgt Ion:204 Resp: 33366
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 63.7 52.8 79.2

Manual Integrations
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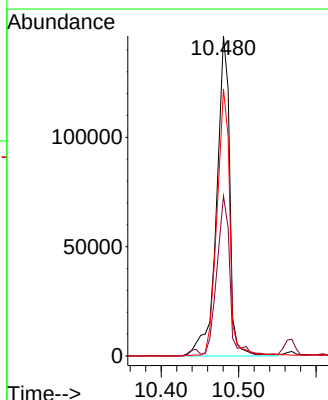
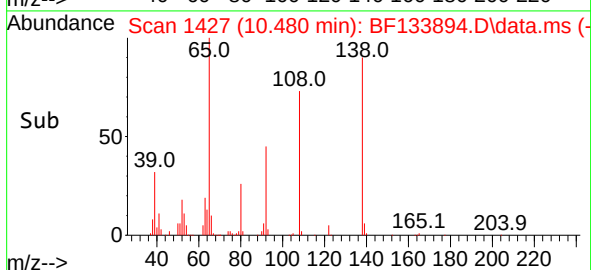
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

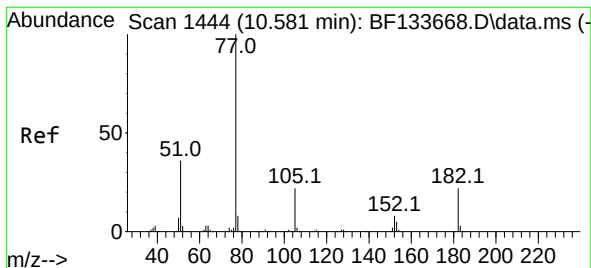


#62
4-Nitroaniline
Concen: 44.471 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion:138 Resp: 172883
Ion Ratio Lower Upper
138 100
92 50.0 28.9 68.9
108 83.4 61.0 101.0





#63

Azobenzene

Concen: 46.837 ng

RT: 10.610 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion: 77 Resp: 712319

Ion Ratio Lower Upper

77 100

182 26.4 1.6 41.6

105 21.9 1.6 41.6

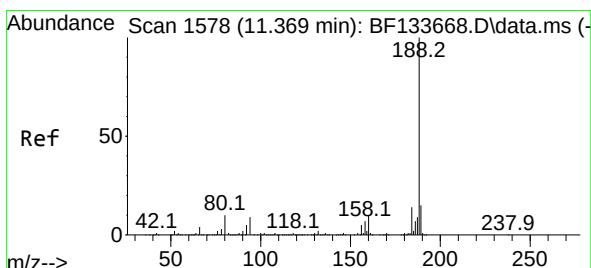
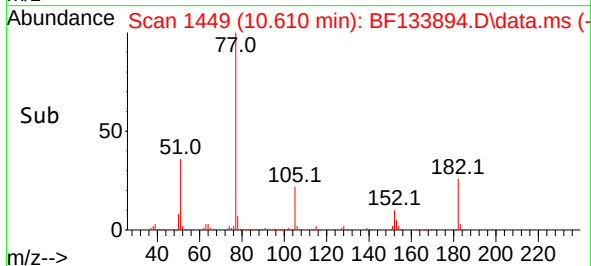
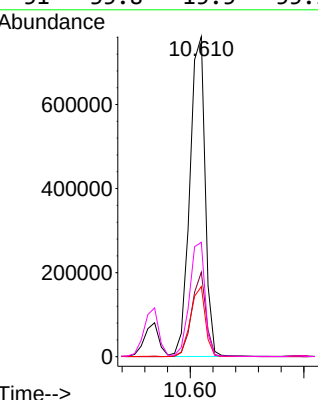
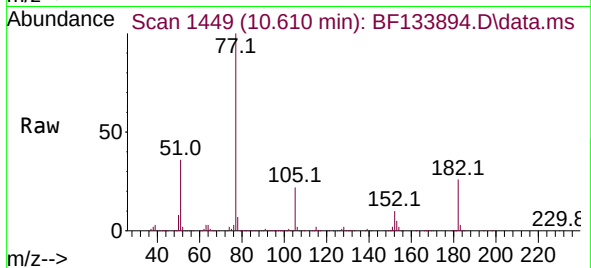
51 35.8 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

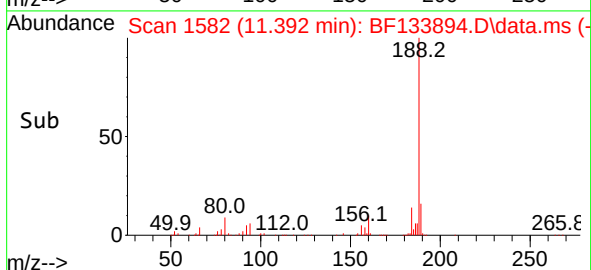
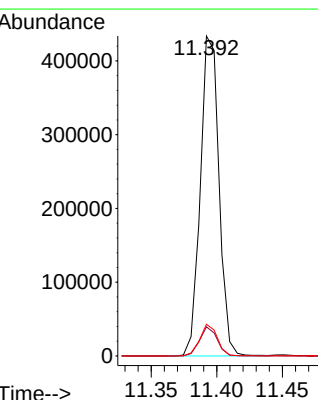
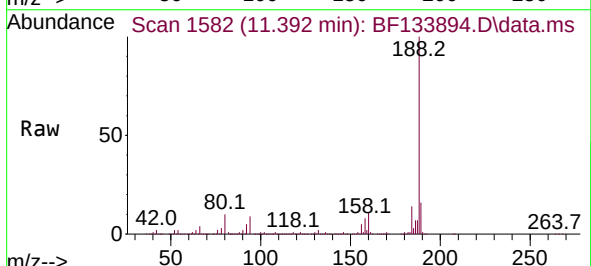
Tgt Ion:188 Resp: 429357

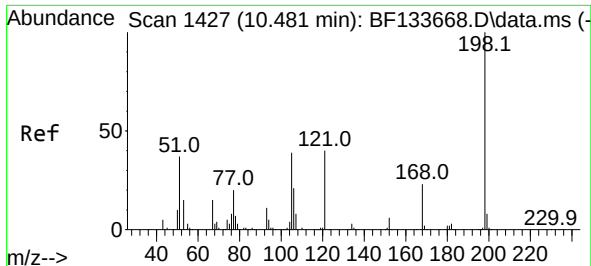
Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

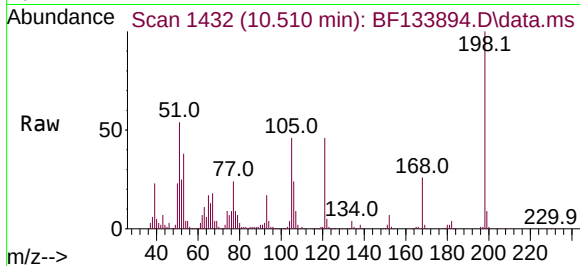
80 9.9 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 59.063 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

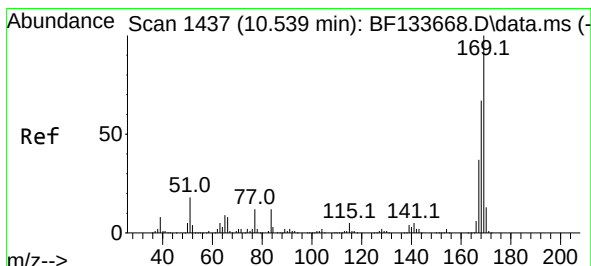
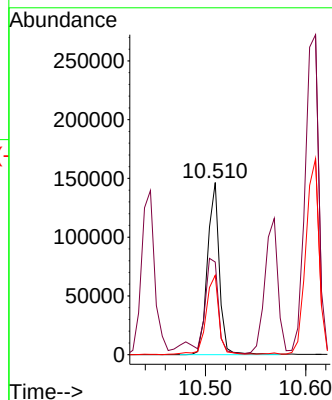
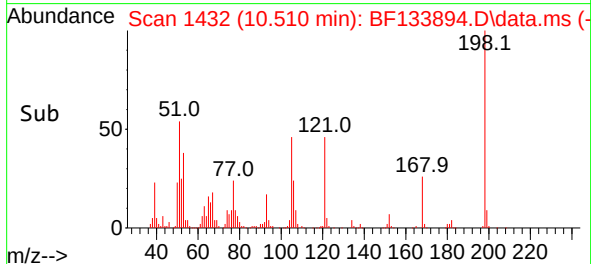
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:198 Resp: 121179
Ion Ratio Lower Upper
198 100
51 53.8 27.5 67.5
105 46.1 21.0 61.0

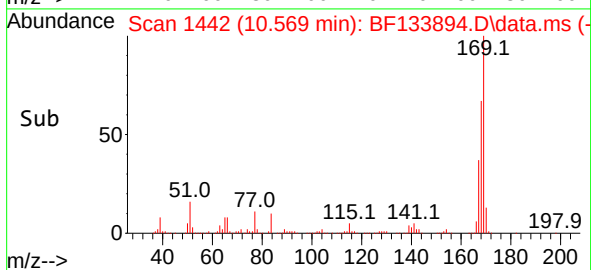
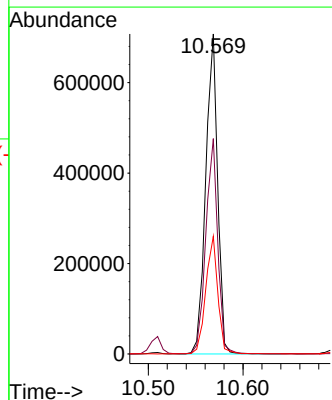
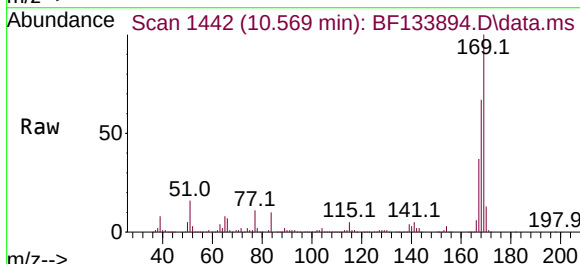
Manual Integrations
APPROVED

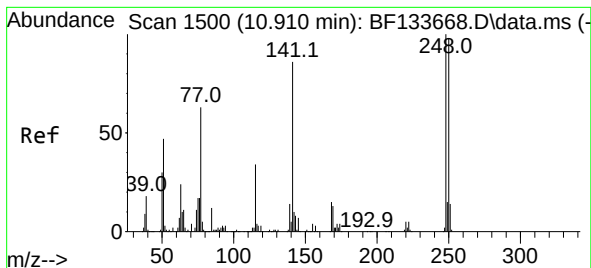
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 42.914 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

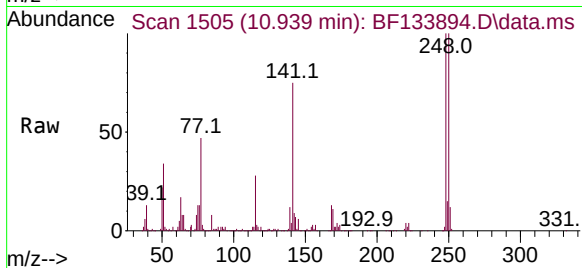
Tgt Ion:169 Resp: 618912
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.7 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 43.610 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

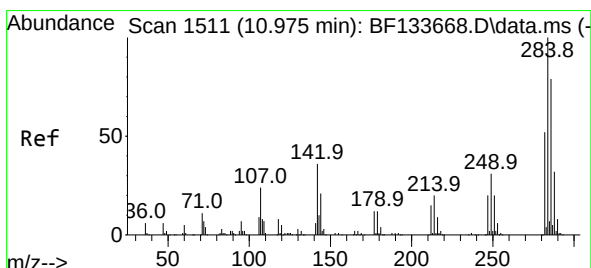
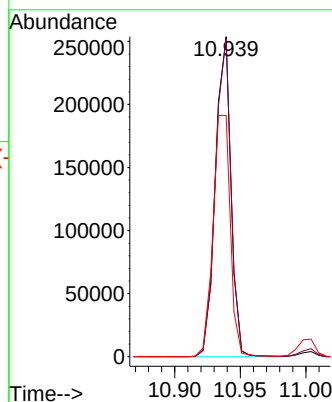
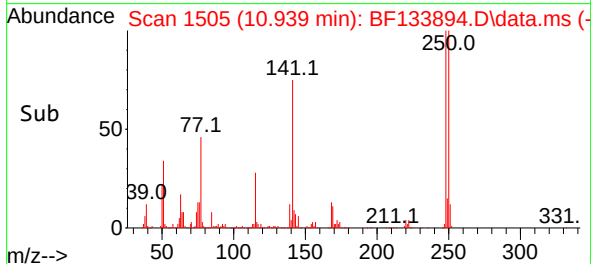
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



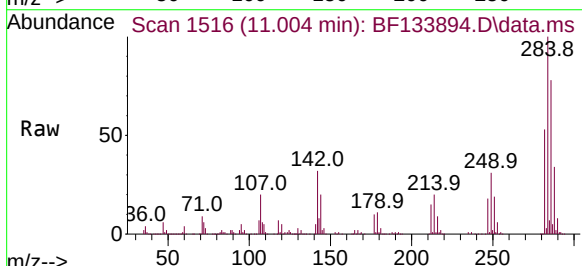
Tgt Ion:248 Resp: 208989
Ion Ratio Lower Upper
248 100
250 99.6 78.3 117.5
141 75.4 69.0 103.6

Manual Integrations
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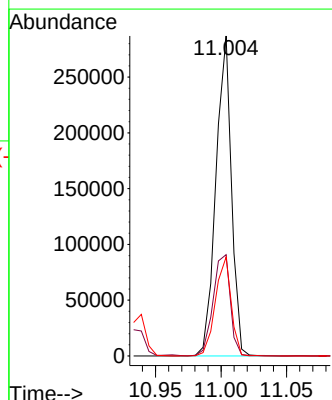
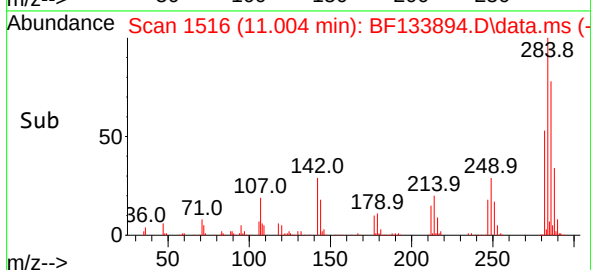
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

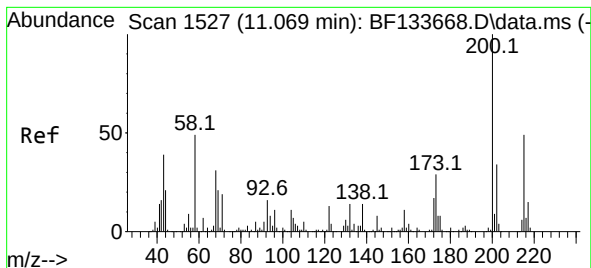


#68
Hexachlorobenzene
Concen: 46.811 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16



Tgt Ion:284 Resp: 235898
Ion Ratio Lower Upper
284 100
142 31.7 28.6 42.8
249 30.9 24.6 36.8





#69

Atrazine

Concen: 49.856 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

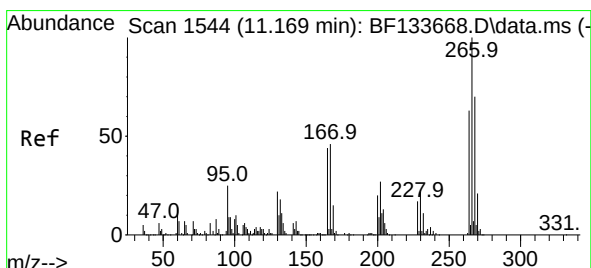
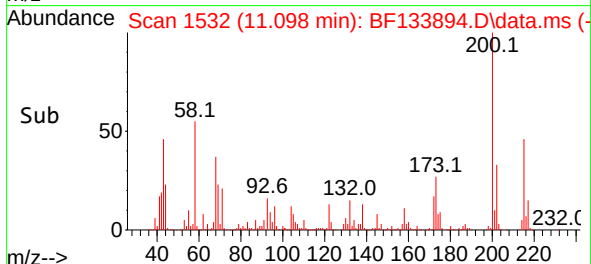
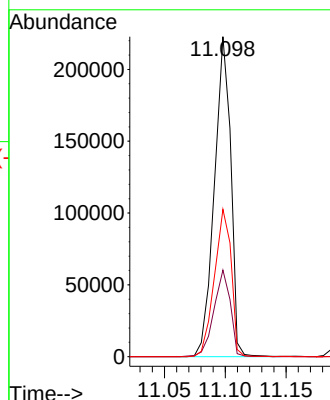
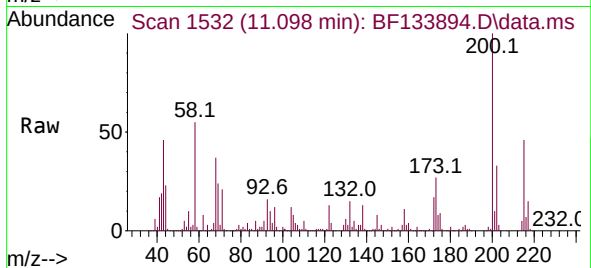
Tgt Ion:200 Resp: 208620
 Ion Ratio Lower Upper
 200 100
 173 27.1 8.7 48.7
 215 46.1 29.0 69.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 84.326 ng

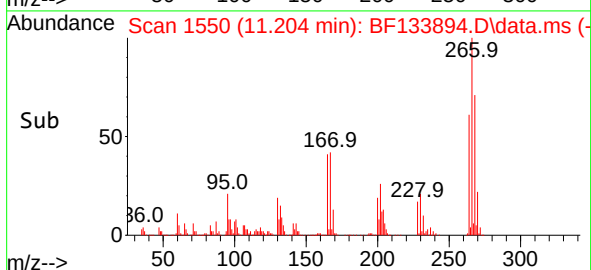
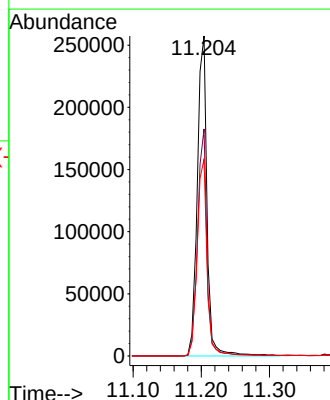
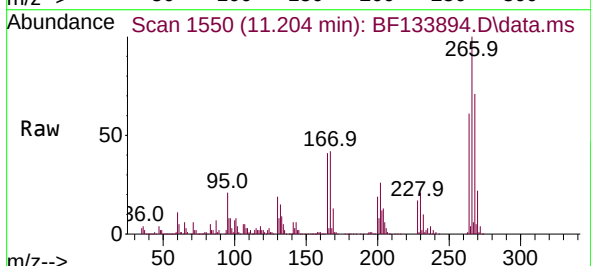
RT: 11.204 min Scan# 1550

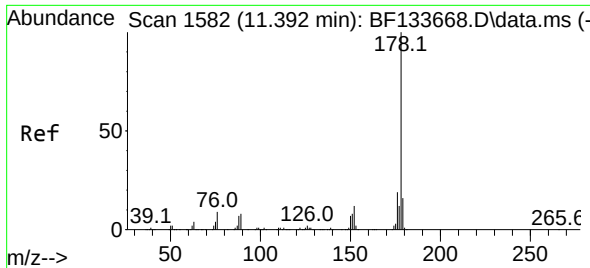
Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

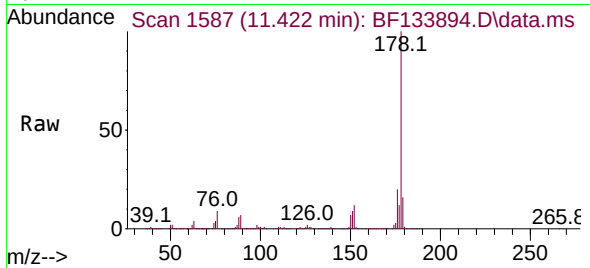
Tgt Ion:266 Resp: 254462
 Ion Ratio Lower Upper
 266 100
 268 70.9 55.7 83.5
 264 61.4 50.7 76.1





#71
Phenanthrene
Concen: 45.731 ng
RT: 11.422 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

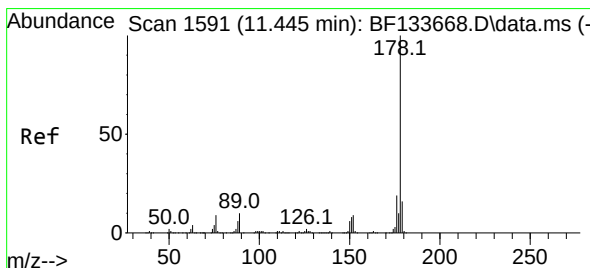
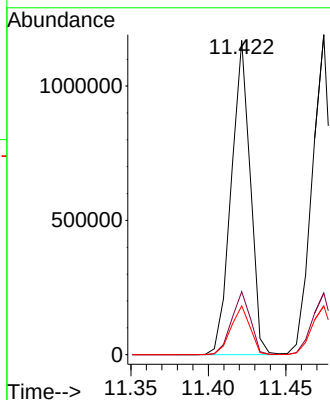
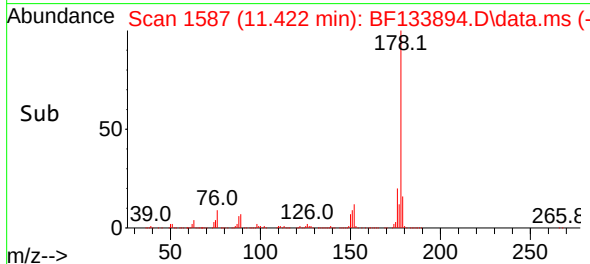
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:178 Resp: 996172
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.5 12.4 18.6

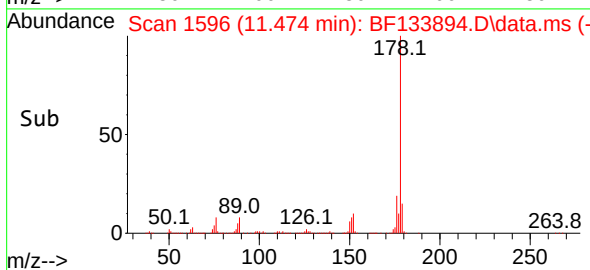
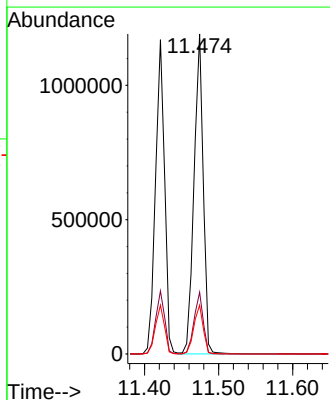
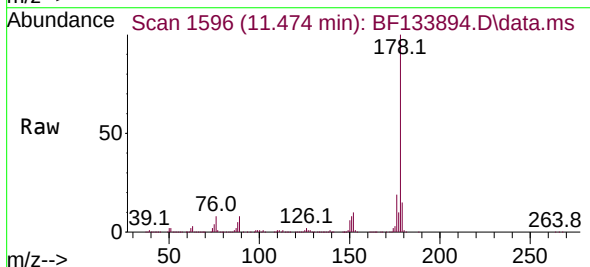
Manual Integrations
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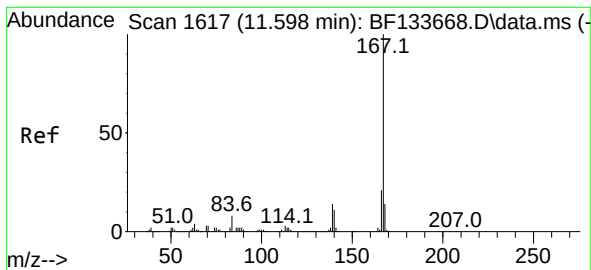
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#72
Anthracene
Concen: 45.318 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:178 Resp: 1029331
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 12.6 18.8





#73

Carbazole

Concen: 45.676 ng

RT: 11.633 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

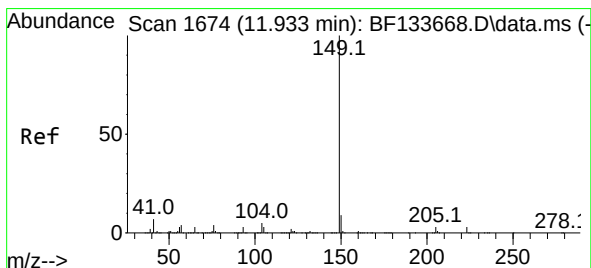
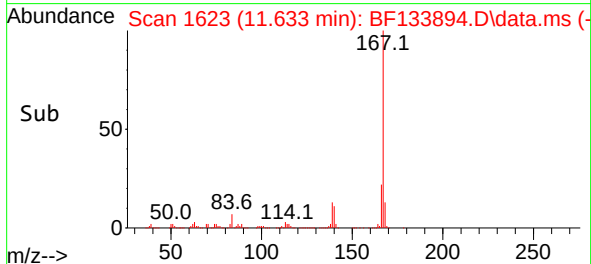
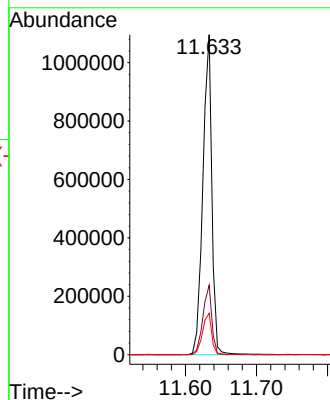
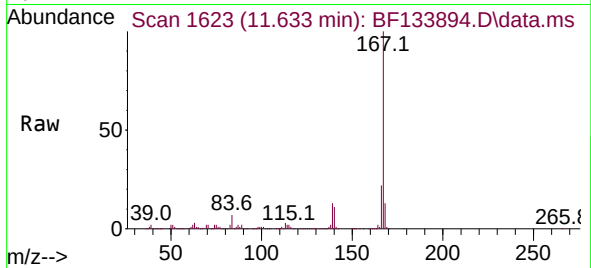
OR-402-COMP-09MS

Tgt Ion:167 Resp: 966252
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.0 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#74

Di-n-butylphthalate

Concen: 45.529 ng

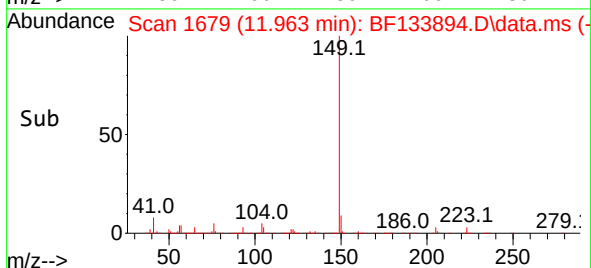
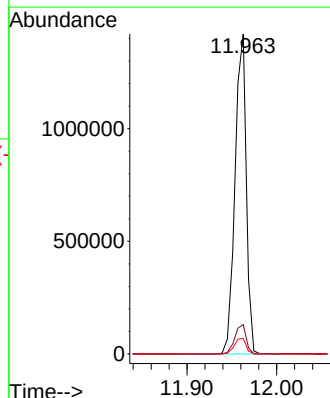
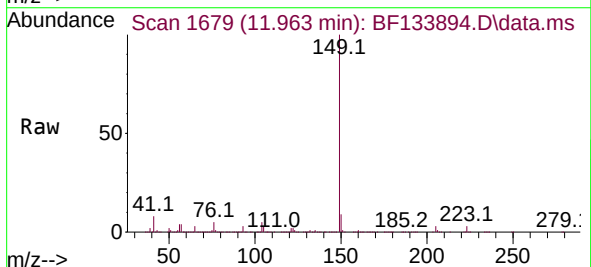
RT: 11.963 min Scan# 1679

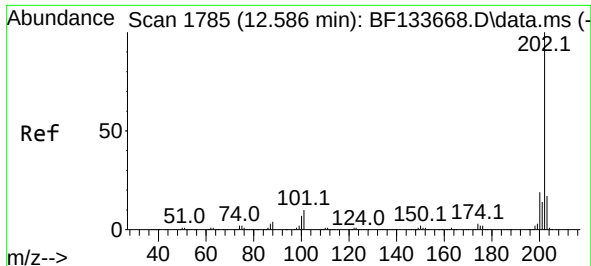
Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

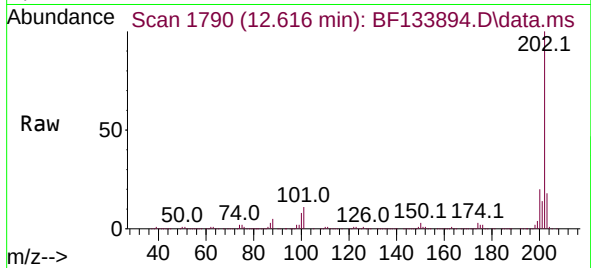
Tgt Ion:149 Resp: 1234747
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 46.959 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

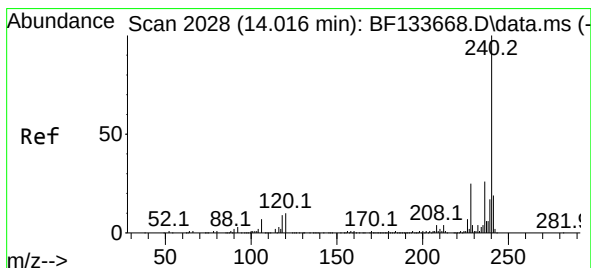
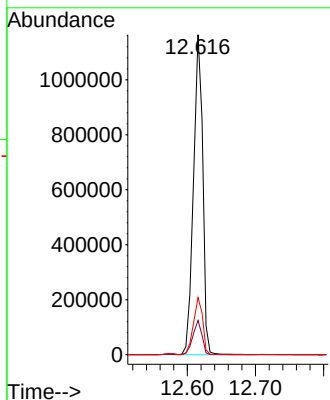
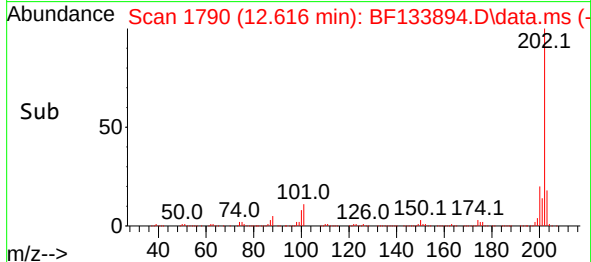
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:202 Resp: 1086290
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.9 0.0 37.4

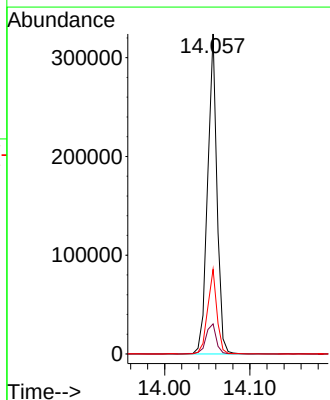
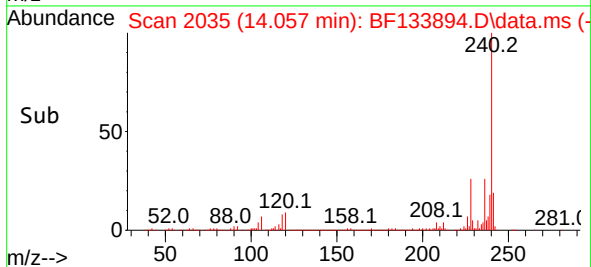
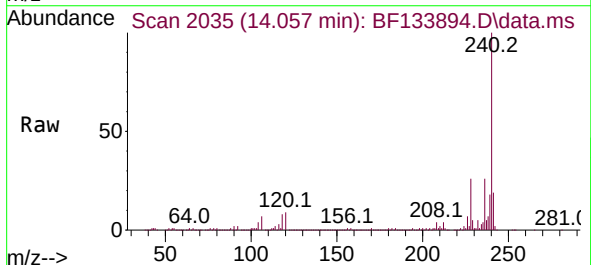
Manual Integrations
APPROVED

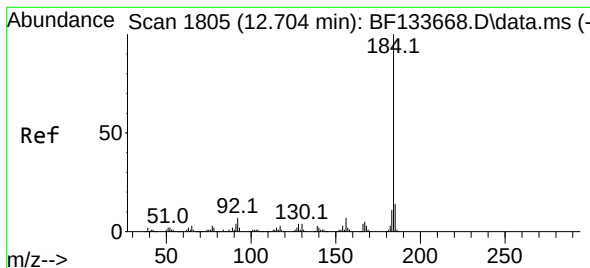
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:240 Resp: 246662
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.4 20.5 30.7





#77

Benzidine

Concen: 7.109 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:184 Resp: 5884

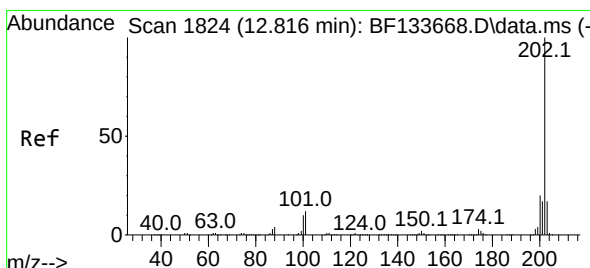
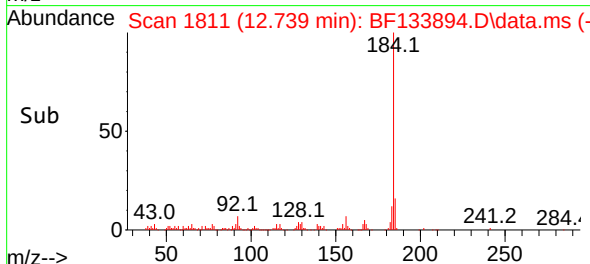
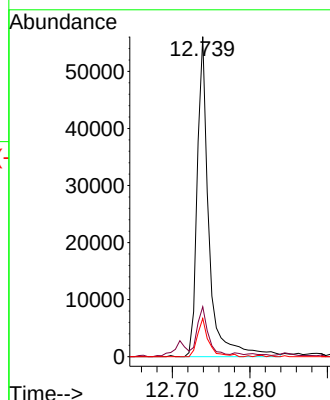
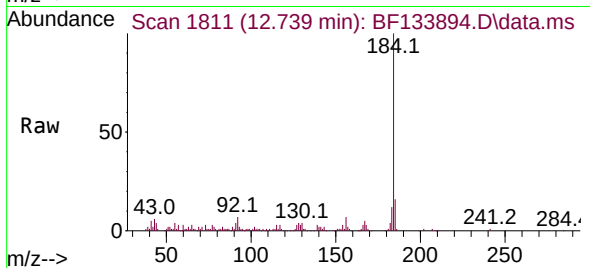
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.6	17.4
183	11.9	8.4	12.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#78

Pyrene

Concen: 48.196 ng

RT: 12.845 min Scan# 1829

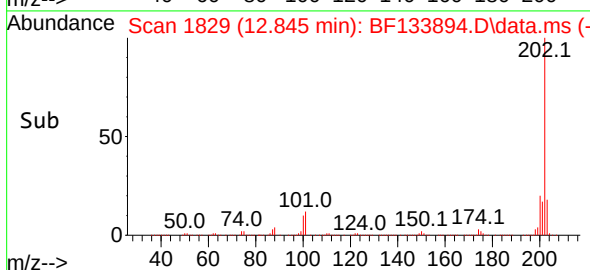
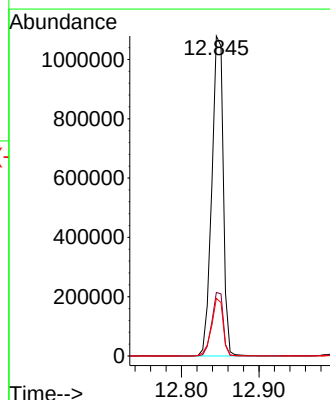
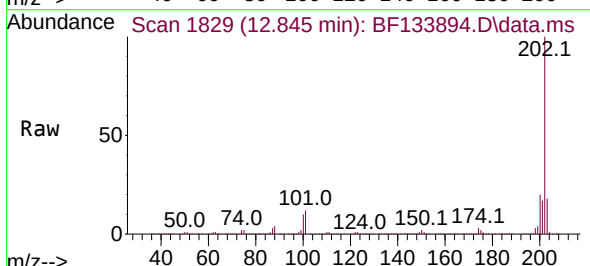
Delta R.T. 0.000 min

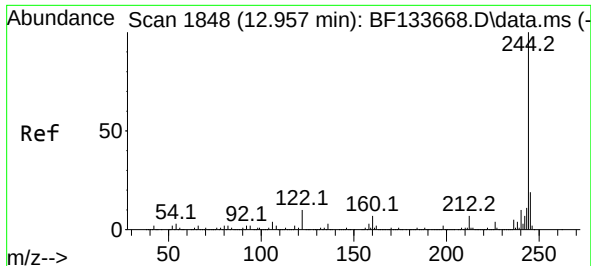
Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Tgt Ion:202 Resp: 1107419

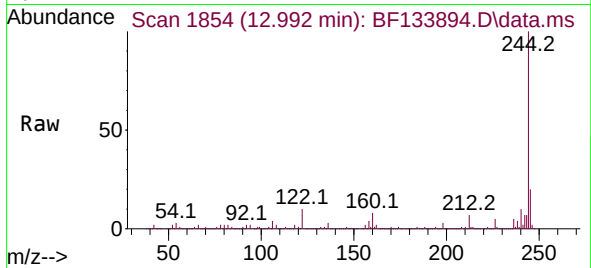
Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	18.0	13.9	20.9





#79
 Terphenyl-d14
 Concen: 94.112 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF133894.D
 Acq: 22 Jun 2023 11:16

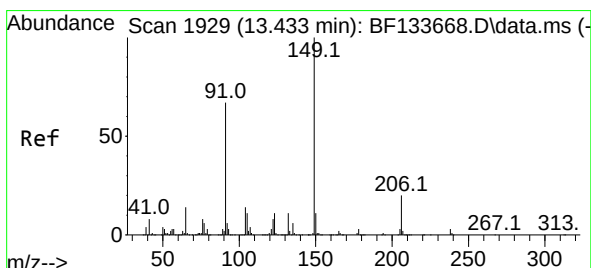
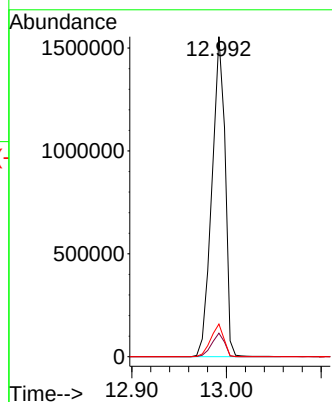
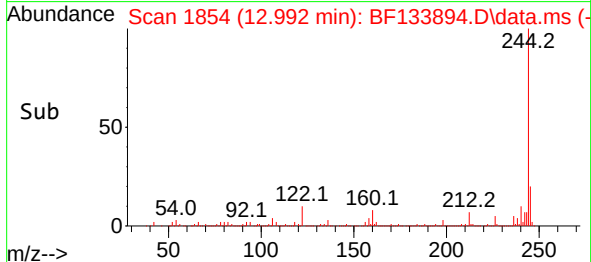
Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09MS



Tgt Ion:244 Resp: 150024
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.2 8.1 12.1

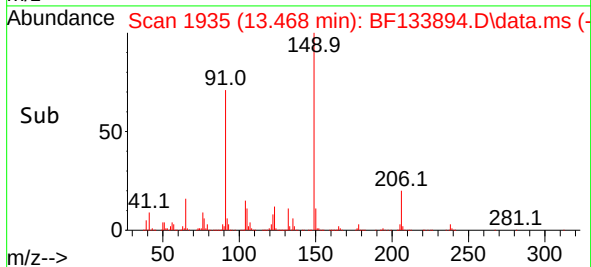
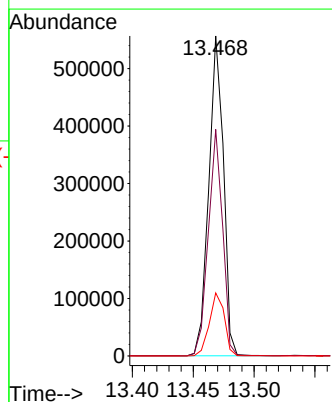
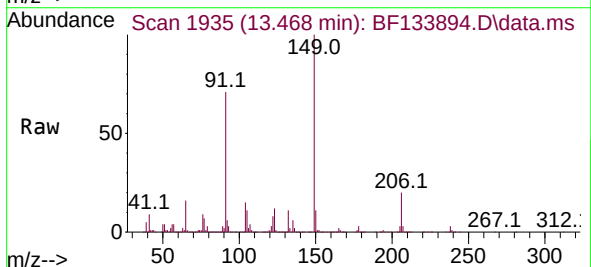
Manual Integrations
 APPROVED

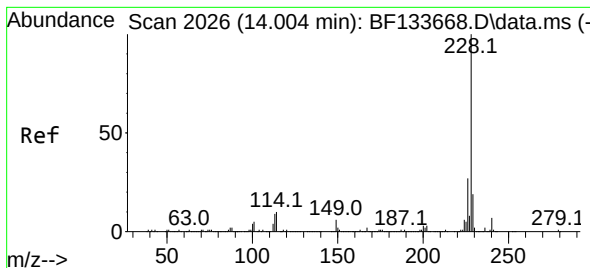
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#80
 Butylbenzylphthalate
 Concen: 47.997 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133894.D
 Acq: 22 Jun 2023 11:16

Tgt Ion:149 Resp: 465588
 Ion Ratio Lower Upper
 149 100
 91 70.8 54.0 81.0
 206 19.7 15.6 23.4





#81

Benzo(a)anthracene

Concen: 46.814 ng

RT: 14.045 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:228 Resp: 798730

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

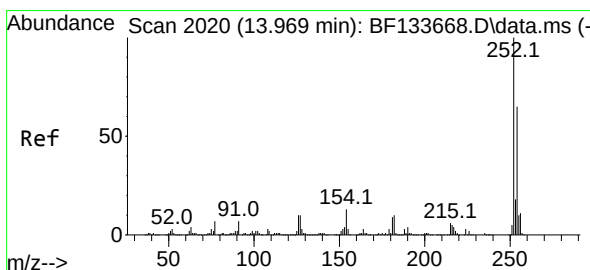
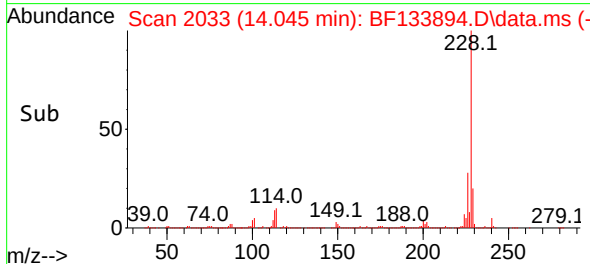
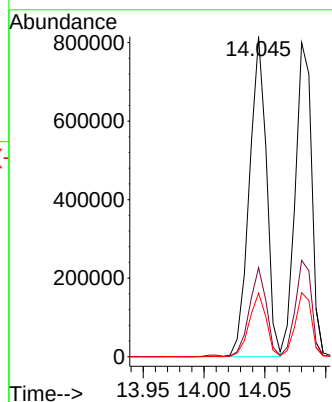
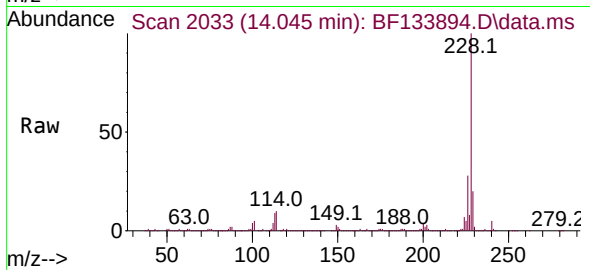
229 19.9 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#82

3,3'-Dichlorobenzidine

Concen: 32.721 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

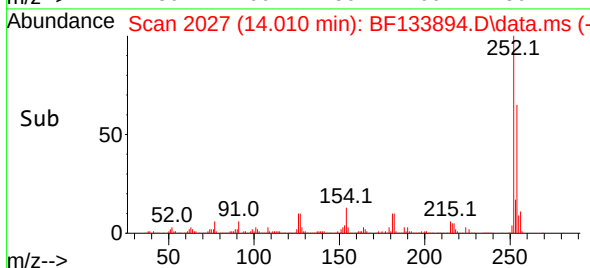
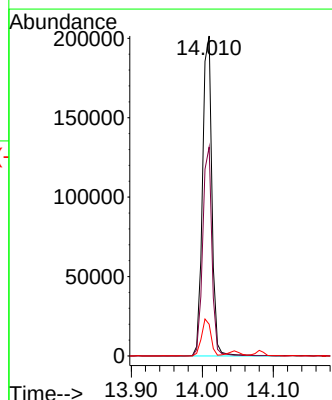
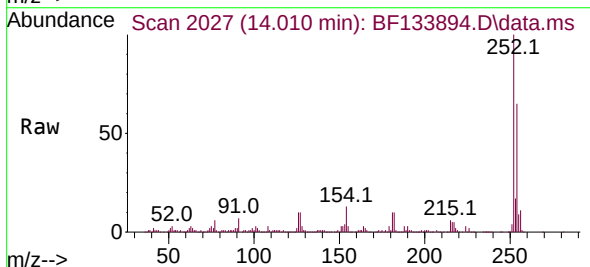
Tgt Ion:252 Resp: 185606

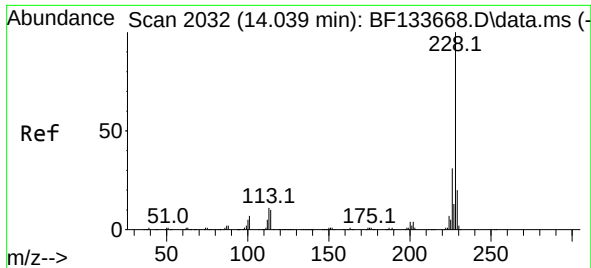
Ion Ratio Lower Upper

252 100

254 65.3 51.9 77.9

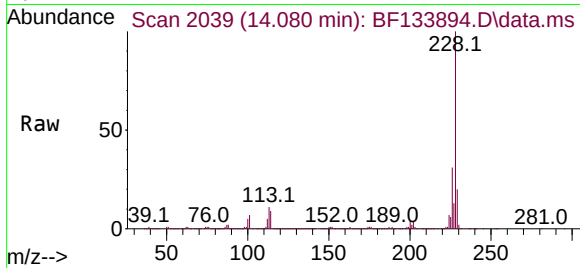
126 9.9 7.7 11.5





#83
Chrysene
Concen: 46.254 ng
RT: 14.080 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

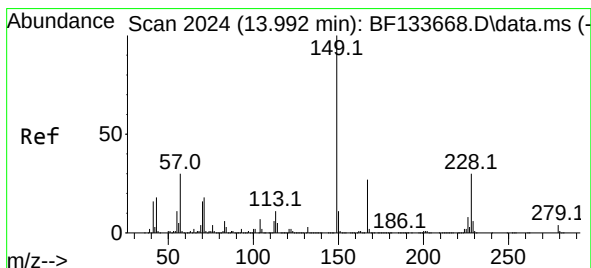
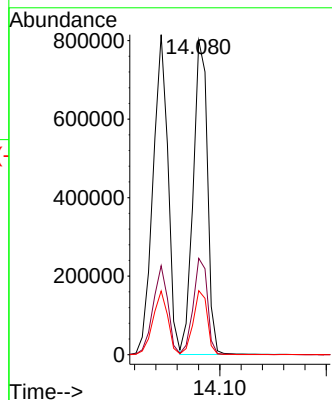
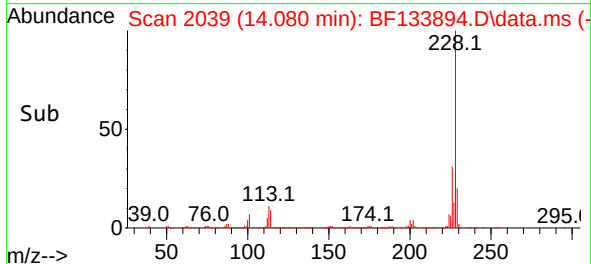
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:228 Resp: 746410
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 20.4 15.8 23.8

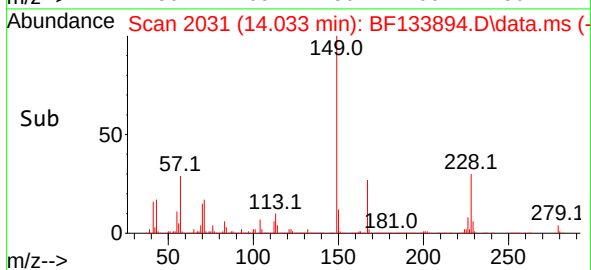
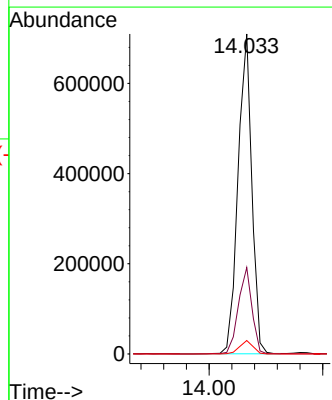
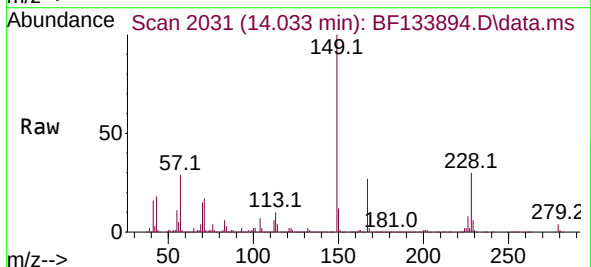
Manual Integrations
APPROVED

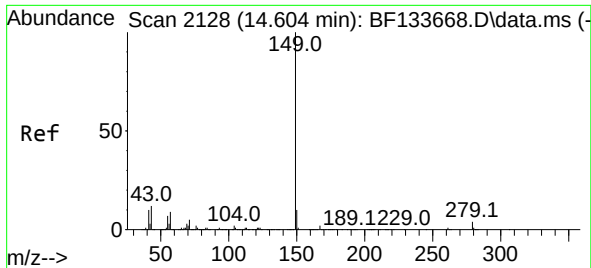
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.783 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:149 Resp: 594606
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 4.2 3.3 4.9





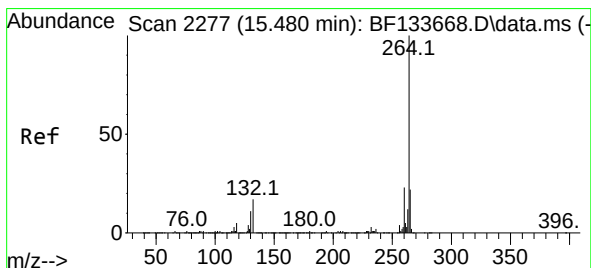
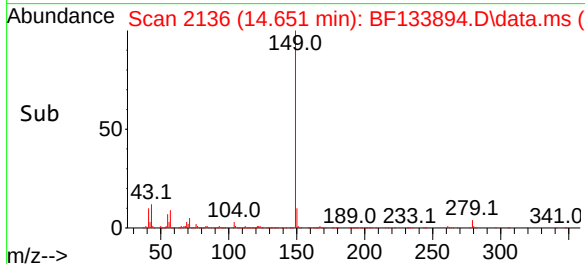
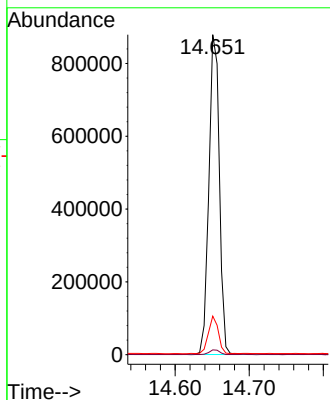
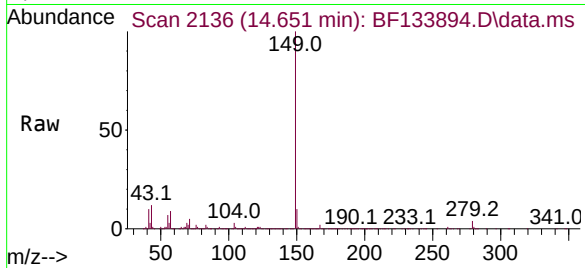
#85
Di-n-octyl phthalate
Concen: 50.898 ng
RT: 14.651 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS

Tgt Ion:149 Resp: 86389
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.2 8.7 13.1

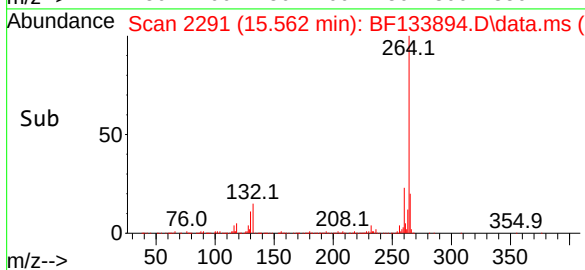
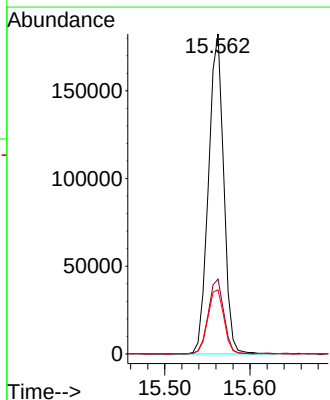
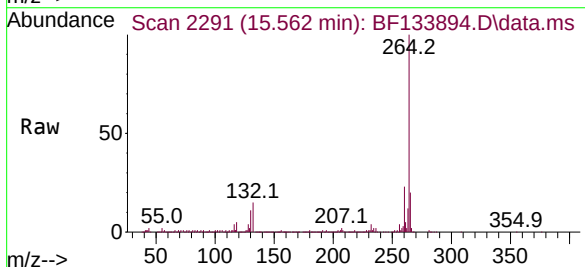
Manual Integrations
APPROVED

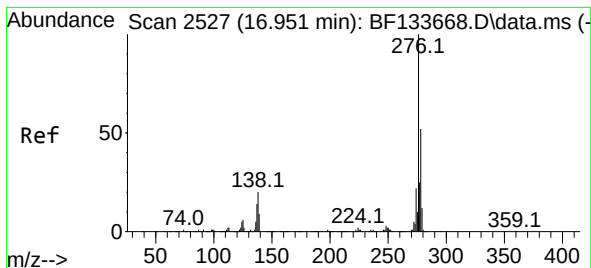
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:264 Resp: 226633
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.2
265 20.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.077 ng

RT: 17.115 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:276 Resp: 79638

Ion Ratio Lower Upper

276 100

138 22.9 17.9 26.9

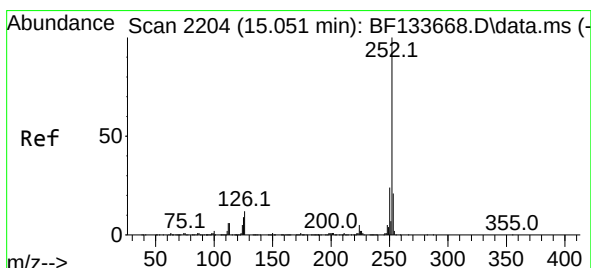
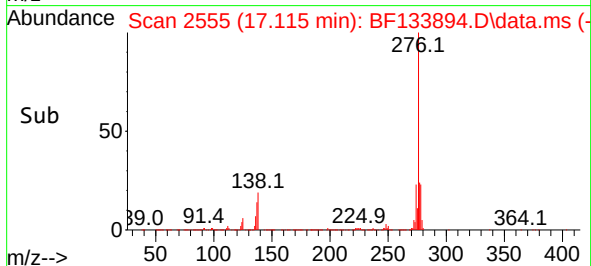
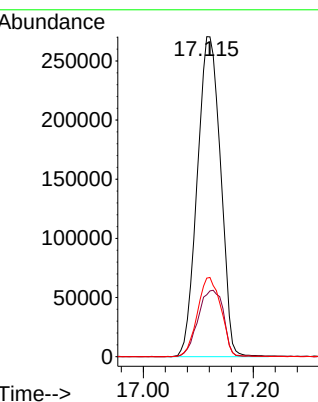
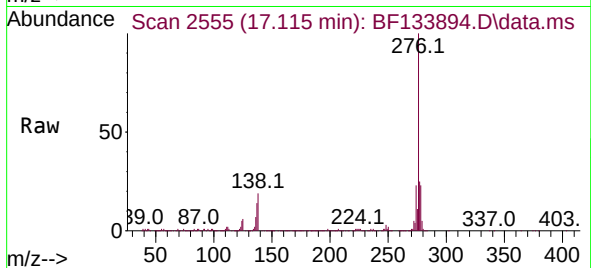
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#88

Benzo(b)fluoranthene

Concen: 50.036 ng

RT: 15.115 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

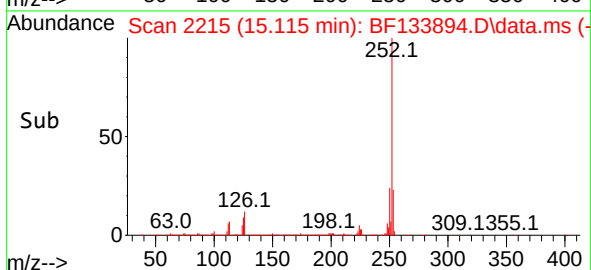
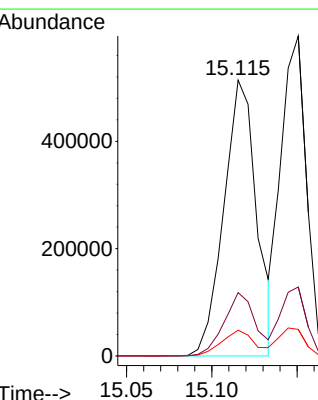
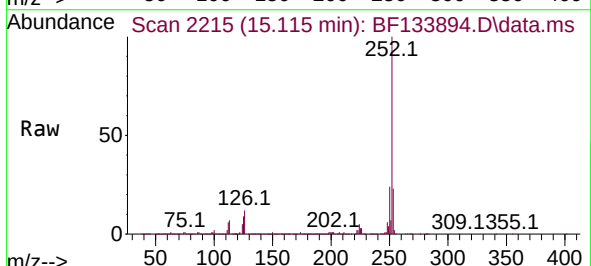
Tgt Ion:252 Resp: 688842

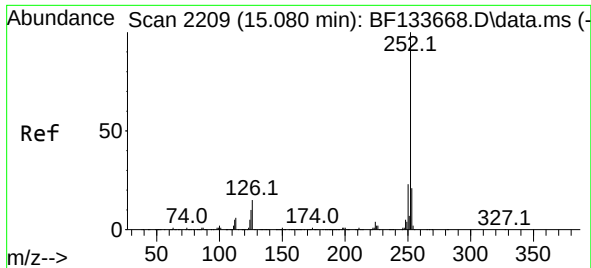
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

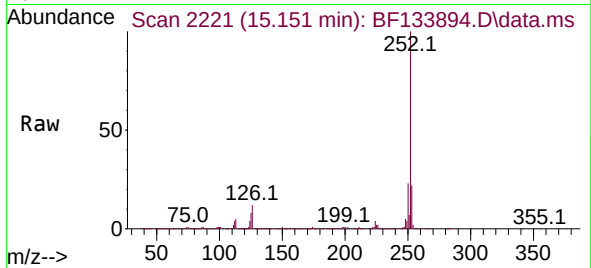
125 9.3 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 46.488 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

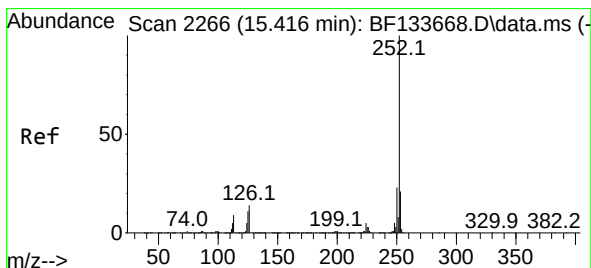
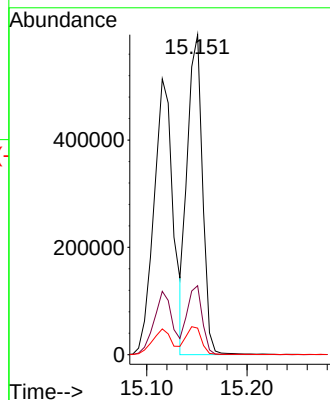
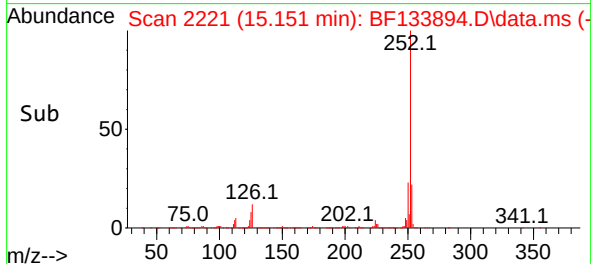
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MS



Tgt Ion:252 Resp: 62343
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 8.3 7.8 11.6

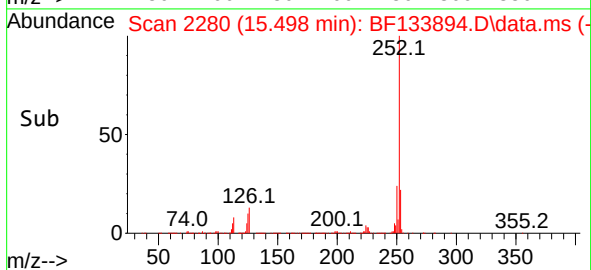
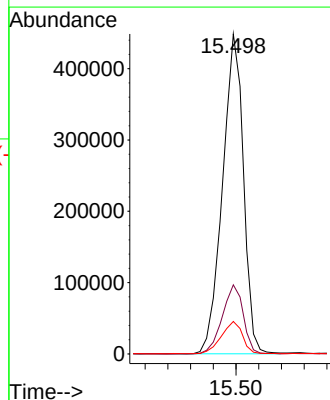
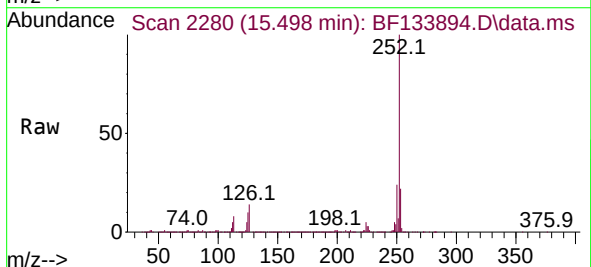
Manual Integrations
APPROVED

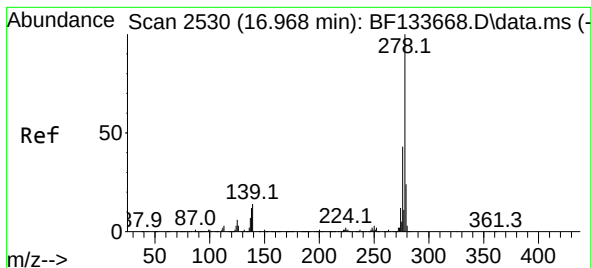
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 44.923 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133894.D
Acq: 22 Jun 2023 11:16

Tgt Ion:252 Resp: 573971
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 10.2 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.259 ng

RT: 17.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MS

Tgt Ion:278 Resp: 64876

Ion Ratio Lower Upper

278 100

139 15.5 11.4 17.2

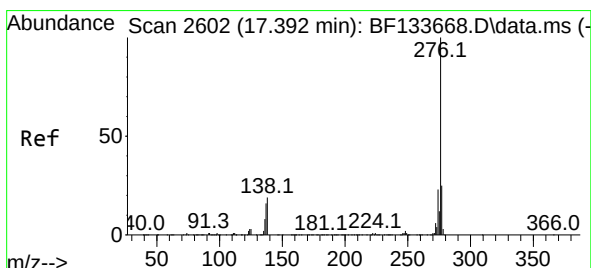
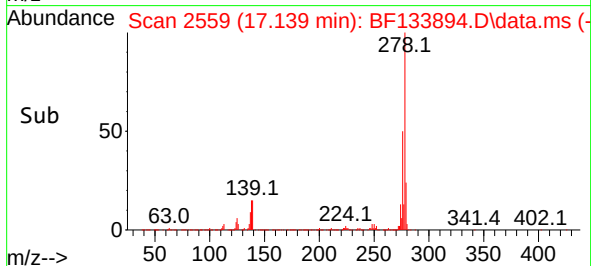
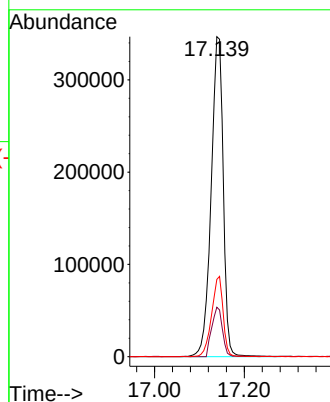
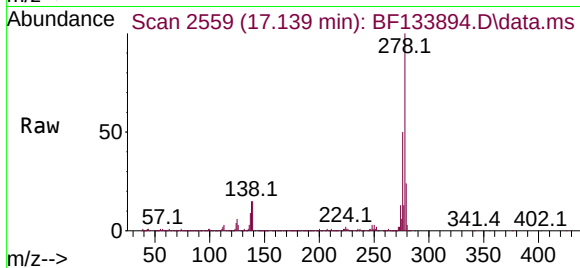
279 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#92

Benzo(g,h,i)perylene

Concen: 51.340 ng

RT: 17.598 min Scan# 2637

Delta R.T. 0.006 min

Lab File: BF133894.D

Acq: 22 Jun 2023 11:16

Tgt Ion:276 Resp: 657062

Ion Ratio Lower Upper

276 100

277 23.3 19.8 29.8

138 19.0 15.0 22.4

