

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133895.D
 Acq On : 22 Jun 2023 11:47
 Operator : CG\JU
 Sample : 03229-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 02:26:45 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	96565	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	363129	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	187199	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	366896	20.000	ng	0.00
76) Chrysene-d12	14.051	240	228057	20.000	ng	0.00
86) Perylene-d12	15.557	264	240459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	674608	121.620	ng	0.02
7) Phenol-d6	6.504	99	761983	105.536	ng	0.00
23) Nitrobenzene-d5	7.422	82	618015	92.698	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	305628	128.978	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1140999	86.643	ng	0.00
79) Terphenyl-d14	12.992	244	1317472	89.389	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.810	88	95476	39.152	ng	# 81
3) Pyridine	3.551	79	179612	25.270	ng	99
4) n-Nitrosodimethylamine	3.487	42	170116	43.298	ng	97
6) Aniline	6.528	93	158215	17.398	ng	98
8) 2-Chlorophenol	6.651	128	289552	49.534	ng	94
9) Benzaldehyde	6.416	77	80982	16.906	ng	99
10) Phenol	6.516	94	301056	39.932	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	282449	50.464	ng	97
12) 1,3-Dichlorobenzene	6.804	146	307604	49.251	ng	99
13) 1,4-Dichlorobenzene	6.875	146	312284	49.471	ng	98
14) 1,2-Dichlorobenzene	7.028	146	299879	52.574	ng	99
15) Benzyl Alcohol	7.004	79	262598	46.567	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	476948	50.269	ng	98
17) 2-Methylphenol	7.116	107	230665	44.520	ng	99
18) Hexachloroethane	7.369	117	117729	54.477	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	214263	46.642	ng	99
20) 3+4-Methylphenols	7.269	107	277031	41.102	ng	# 79
22) Acetophenone	7.269	105	412567	49.536	ng	95
24) Nitrobenzene	7.445	77	323259	48.152	ng	97
25) Isophorone	7.681	82	586484	47.916	ng	99
26) 2-Nitrophenol	7.757	139	160101	53.140	ng	98
27) 2,4-Dimethylphenol	7.798	122	255235	49.151	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	345847	48.889	ng	100
29) 2,4-Dichlorophenol	7.998	162	252611	49.634	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	265130	49.930	ng	97
31) Naphthalene	8.163	128	836234	47.267	ng	100
32) Benzoic acid	7.922	122	174265	53.209	ng	93
33) 4-Chloroaniline	8.210	127	56737	7.500	ng	96
34) Hexachlorobutadiene	8.275	225	165271	47.538	ng	97
35) Caprolactam	8.586	113	69525m	40.597	ng	
36) 4-Chloro-3-methylphenol	8.698	107	282137	48.094	ng	99
37) 2-Methylnaphthalene	8.851	142	572360	46.562	ng	100
38) 1-Methylnaphthalene	8.951	142	534180	47.225	ng	96
40) 1,2,4,5-Tetrachloroben...	9.022	216	268879	47.246	ng	98
41) Hexachlorocyclopentadiene	9.004	237	320394	126.333	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	181998	47.857	ng	98

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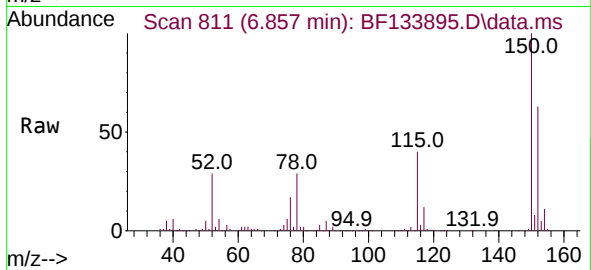
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	199487	45.089	ng	98
46) 1,1'-Biphenyl	9.322	154	726193	48.099	ng	99
47) 2-Chloronaphthalene	9.345	162	531697	49.095	ng	100
48) 2-Nitroaniline	9.445	65	188664	47.633	ng	99
49) Acenaphthylene	9.763	152	885805	46.993	ng	100
50) Dimethylphthalate	9.622	163	656422	46.978	ng	99
51) 2,6-Dinitrotoluene	9.686	165	143790	49.856	ng	# 82
52) Acenaphthene	9.933	154	521066	47.227	ng	100
53) 3-Nitroaniline	9.857	138	100200	28.549	ng	93
54) 2,4-Dinitrophenol	9.969	184	172291	119.228	ng	98
55) Dibenzofuran	10.110	168	800838	47.568	ng	99
56) 4-Nitrophenol	10.028	139	215714	91.067	ng	82
57) 2,4-Dinitrotoluene	10.092	165	191148	52.112	ng	95
58) Fluorene	10.451	166	628081	48.784	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	173054	52.244	ng	98
60) Diethylphthalate	10.328	149	684690	48.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	300027	47.204	ng	96
62) 4-Nitroaniline	10.475	138	154572	44.917	ng	96
63) Azobenzene	10.604	77	639743	47.520	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	108630	61.961	ng	84
66) n-Nitrosodiphenylamine	10.563	169	557602	45.245	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	188096	45.933	ng	98
68) Hexachlorobenzene	10.998	284	212542	49.356	ng	98
69) Atrazine	11.098	200	184453	51.583	ng	97
70) Pentachlorophenol	11.198	266	219405	85.086	ng	100
71) Phenanthrene	11.416	178	890851	47.858	ng	99
72) Anthracene	11.469	178	926107	47.715	ng	99
73) Carbazole	11.627	167	863069	47.744	ng	99
74) Di-n-butylphthalate	11.957	149	1070928	46.211	ng	99
75) Fluoranthene	12.616	202	967238	48.931	ng	100
77) Benzdine	12.739	184	89933	11.752	ng	98
78) Pyrene	12.845	202	979609	46.111	ng	100
80) Butylbenzylphthalate	13.468	149	417456	46.546	ng	99
81) Benzo(a)anthracene	14.045	228	746389	47.315	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	202030	38.522	ng	98
83) Chrysene	14.080	228	718999	48.190	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	552473	50.029	ng	98
85) Di-n-octyl phthalate	14.651	149	878919	56.008	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	869235	52.544	ng	99
88) Benzo(b)fluoranthene	15.115	252	721316	49.382	ng	98
89) Benzo(k)fluoranthene	15.145	252	705264	49.566	ng	98
90) Benzo(a)pyrene	15.498	252	639416	47.167	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	708076	51.701	ng	100
92) Benzo(g,h,i)perylene	17.592	276	709443	52.246	ng	97

(#) = 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: BF133895.D
Acq: 22 Jun 2023 11:47

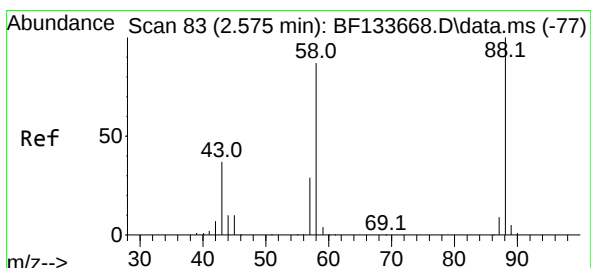
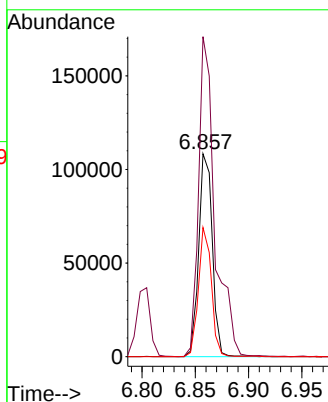
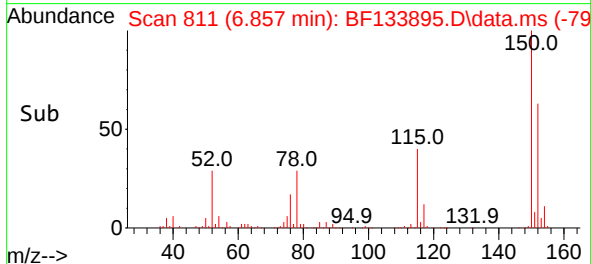
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:152 Resp: 9656
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 63.7 48.5 72.7

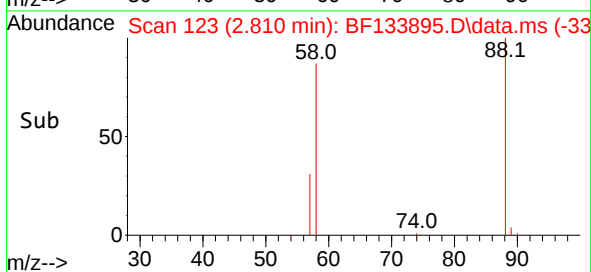
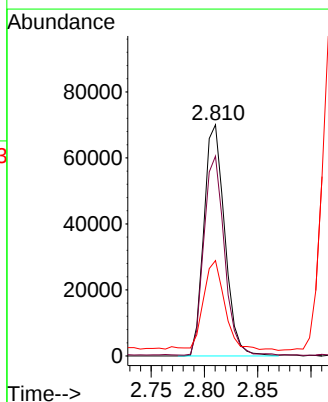
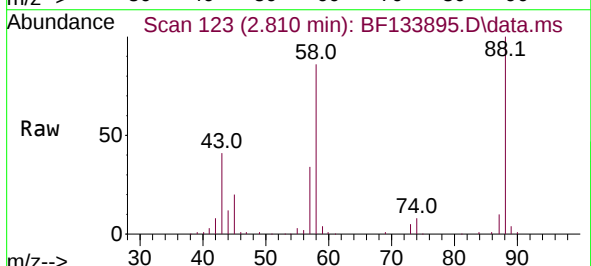
Manual Integrations
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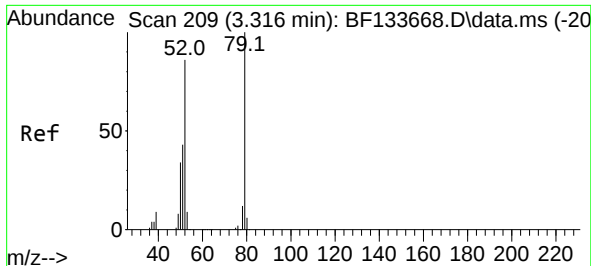
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#2
1,4-Dioxane
Concen: 39.152 ng
RT: 2.810 min Scan# 123
Delta R.T. 0.177 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

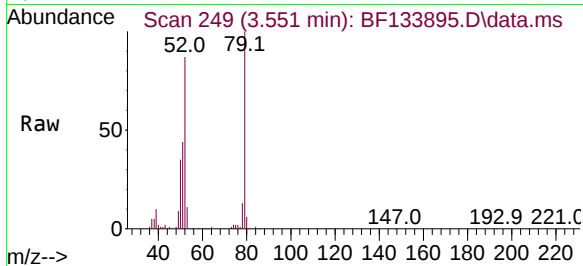
Tgt Ion: 88 Resp: 95476
Ion Ratio Lower Upper
88 100
58 85.2 67.8 101.6
43 0.0 29.8 44.6#





#3
Pyridine
Concen: 25.270 ng
RT: 3.551 min Scan# 249
Delta R.T. 0.130 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

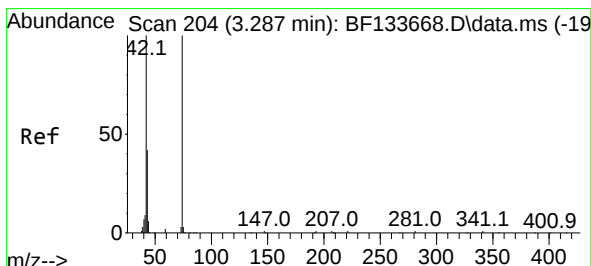
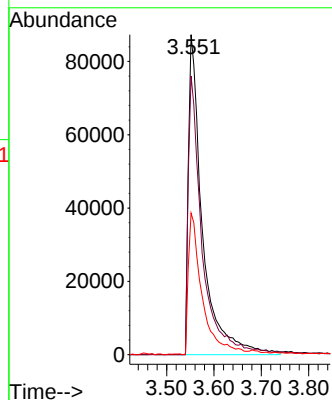
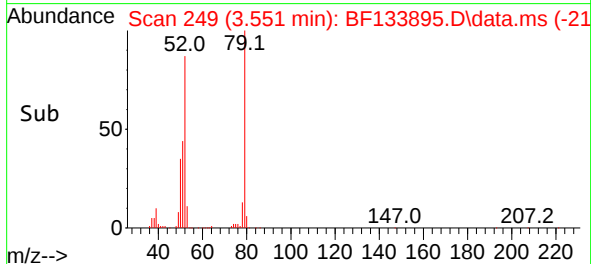
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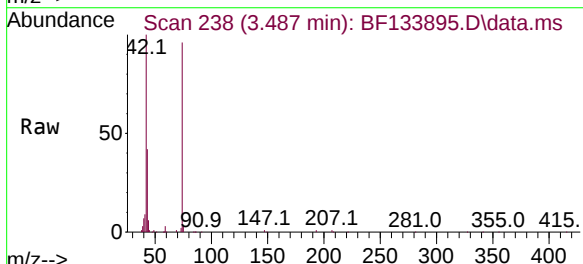
Tgt Ion: 79 Resp: 17961
Ion Ratio Lower Upper
79 100
52 87.1 68.6 102.8
51 44.3 34.8 52.2

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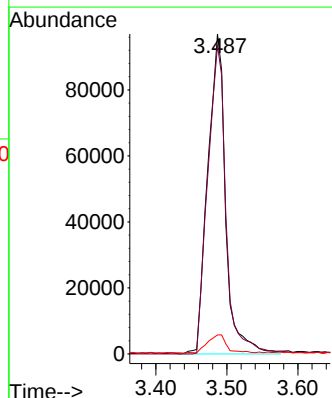
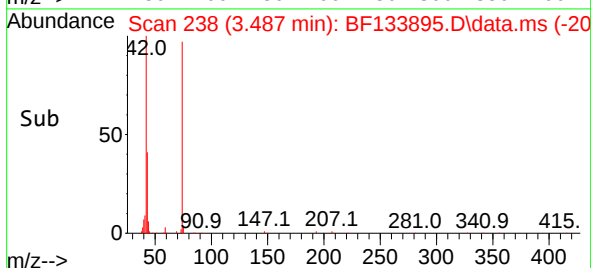
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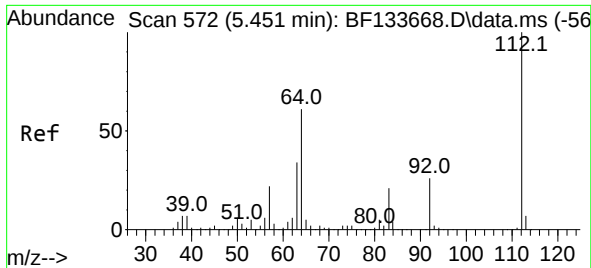


#4
n-Nitrosodimethylamine
Concen: 43.298 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.106 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



Tgt Ion: 42 Resp: 170116
Ion Ratio Lower Upper
42 100
74 96.3 79.8 119.8
44 6.0 4.7 7.1





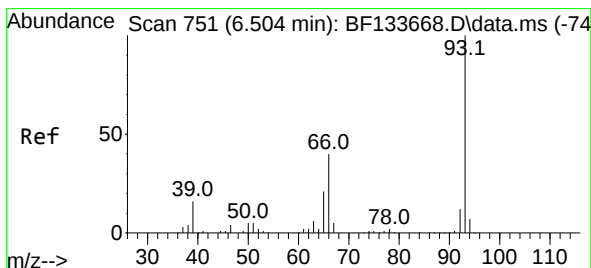
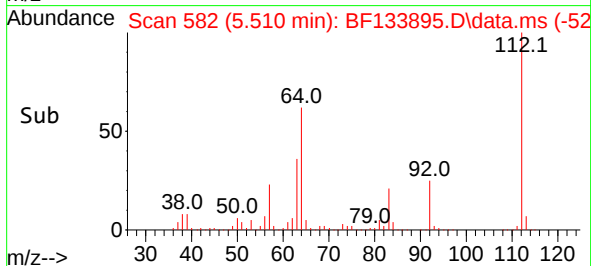
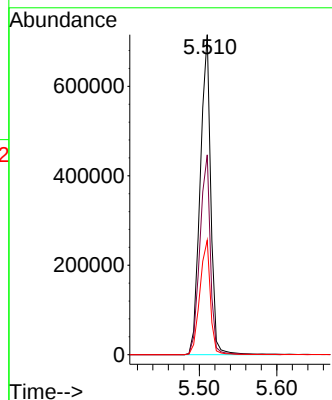
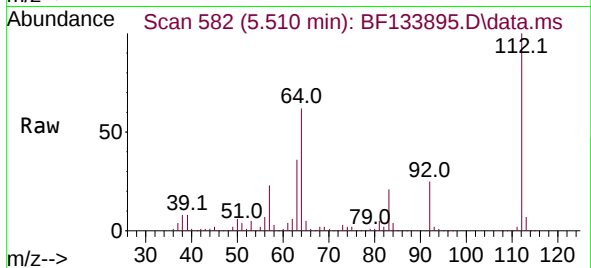
#5
2-Fluorophenol
Concen: 121.620 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Instrument :
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OR-402-COMP-09MSD

Tgt Ion:112 Resp: 674608
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 35.7 26.8 40.2

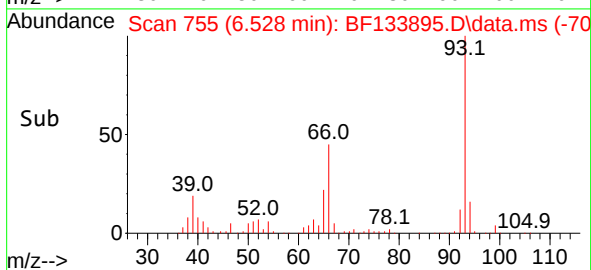
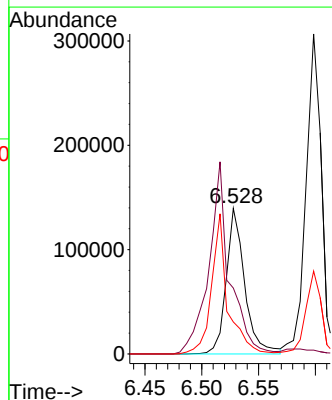
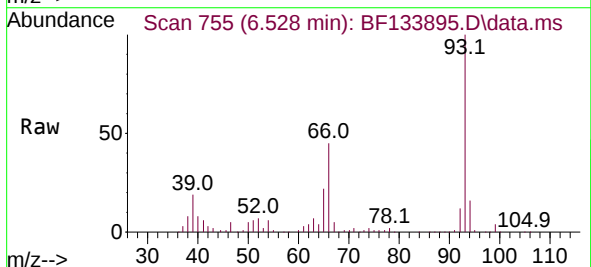
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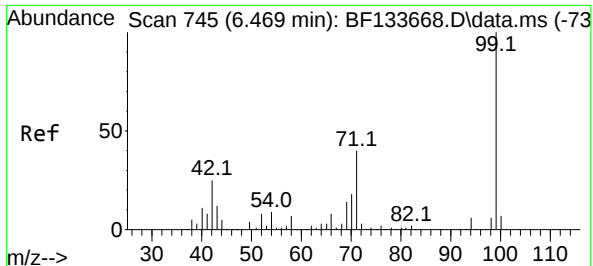
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#6
Aniline
Concen: 17.398 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

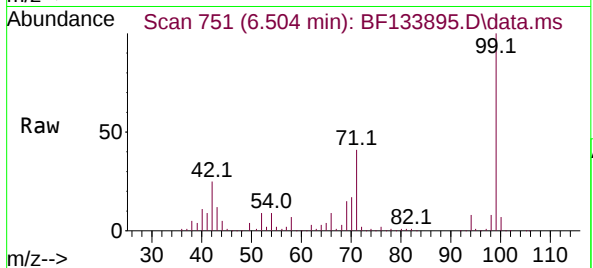
Tgt Ion: 93 Resp: 158215
Ion Ratio Lower Upper
93 100
66 45.2 34.4 51.6
65 22.0 17.5 26.3





#7
Phenol-d6
Concen: 105.536 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

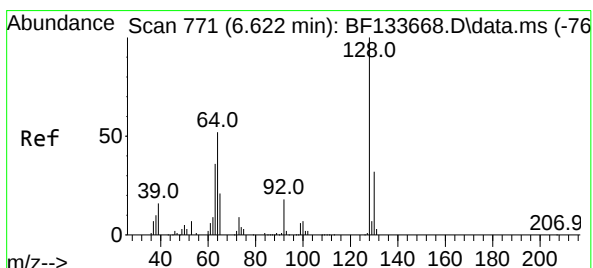
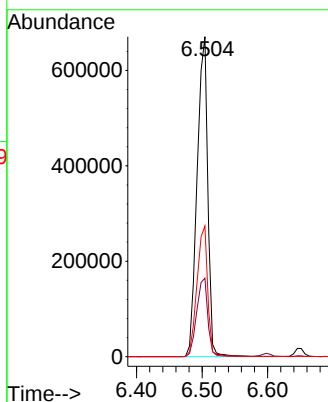
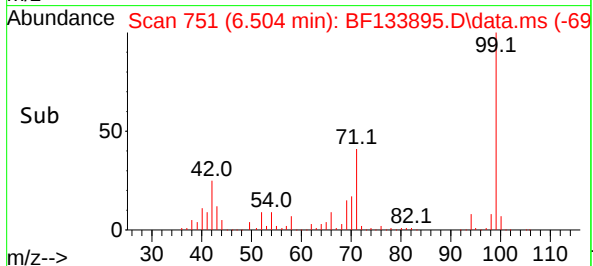
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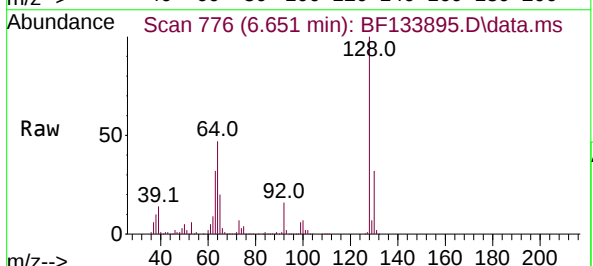
Tgt Ion: 99 Resp: 76198
Ion Ratio Lower Upper
99 100
42 24.6 19.9 29.9
71 40.9 32.2 48.4

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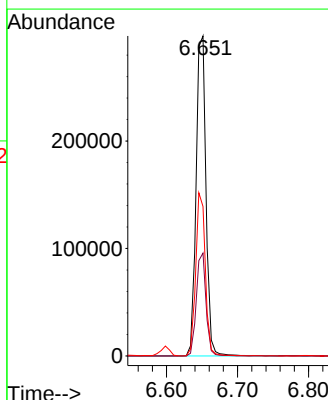
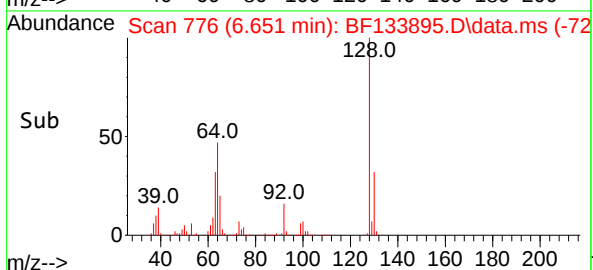
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#8
2-Chlorophenol
Concen: 49.534 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



Tgt Ion:128 Resp: 289552
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 46.7 33.1 73.1





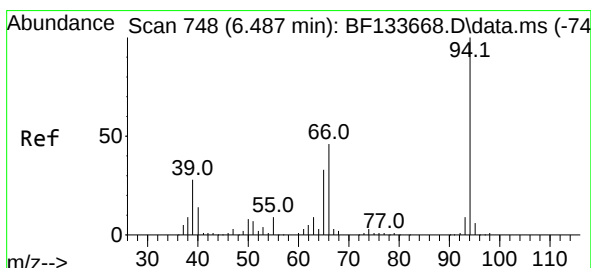
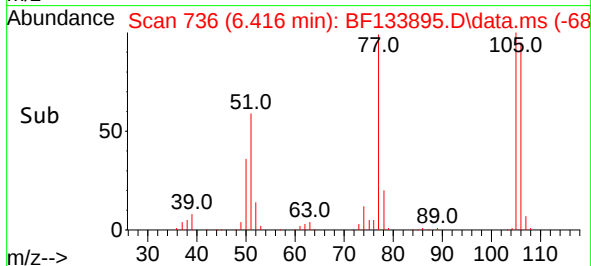
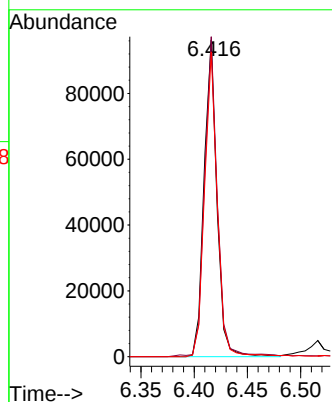
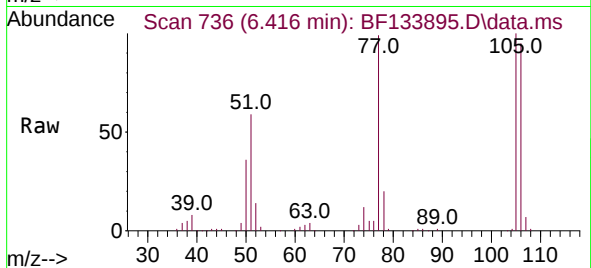
#9
Benzaldehyde
Concen: 16.906 ng
RT: 6.416 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion: 77 Resp: 8098
Ion Ratio Lower Upper
77 100
105 101.0 82.0 122.0
106 96.2 77.6 117.6

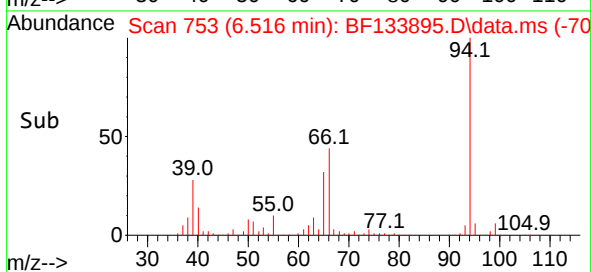
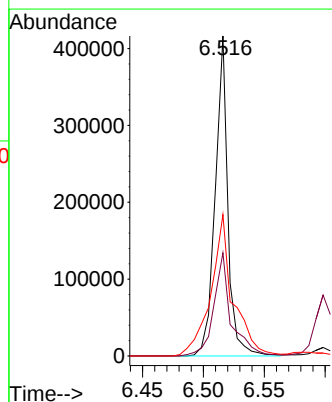
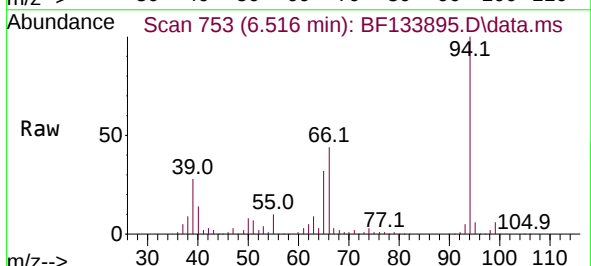
Manual Integrations
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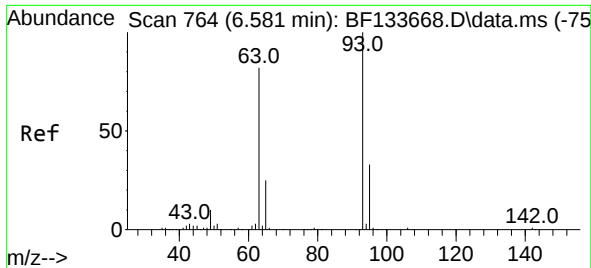
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Phenol
Concen: 39.932 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133895.D
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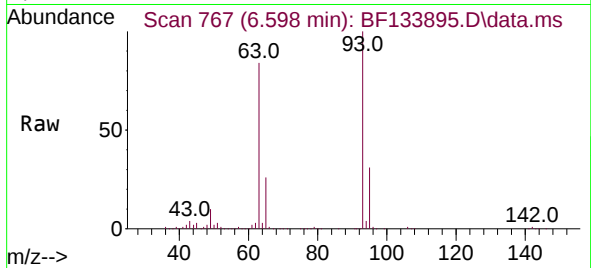
Tgt Ion: 94 Resp: 301056
Ion Ratio Lower Upper
94 100
65 32.3 13.2 53.2
66 44.2 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 50.464 ng
RT: 6.598 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

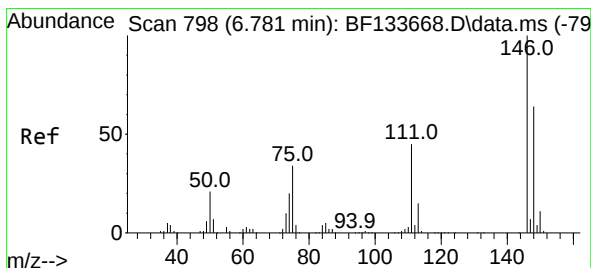
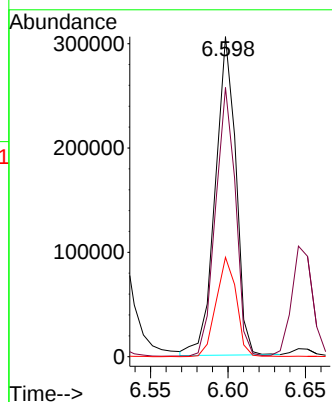
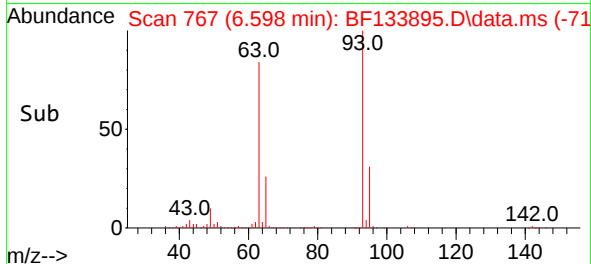
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion: 93 Resp: 282449
Ion Ratio Lower Upper
93 100
63 84.1 62.1 102.1
95 31.1 13.0 53.0

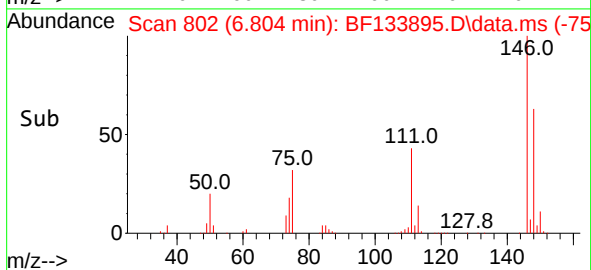
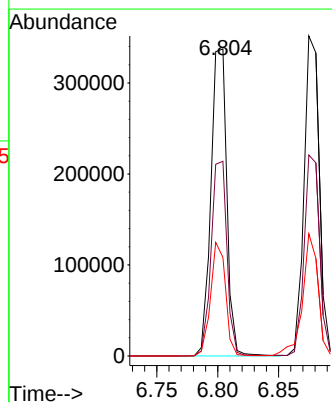
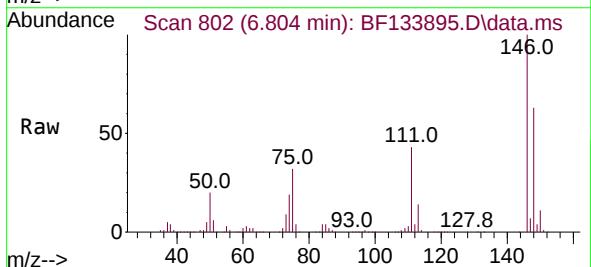
Manual Integrations
APPROVED

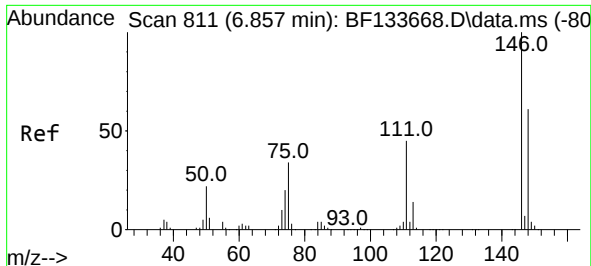
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
1,3-Dichlorobenzene
Concen: 49.251 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:146 Resp: 307604
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 32.1 27.1 40.7





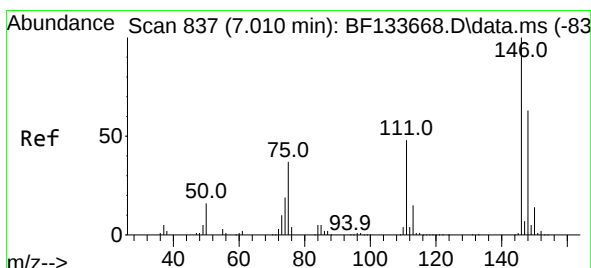
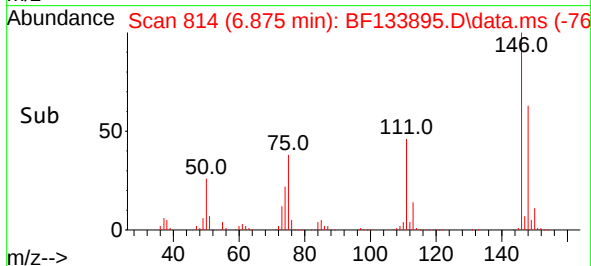
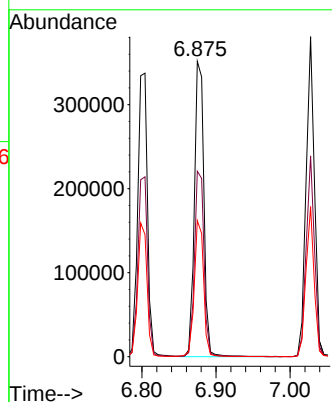
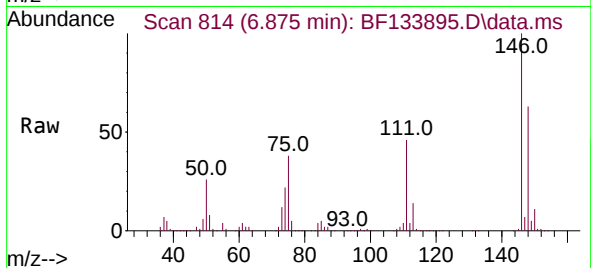
#13
1,4-Dichlorobenzene
Concen: 49.471 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion:146 Resp: 312284
Ion Ratio Lower Upper
146 100
148 62.8 48.9 73.3
111 46.0 35.8 53.6

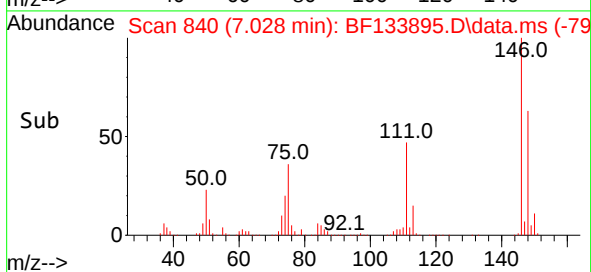
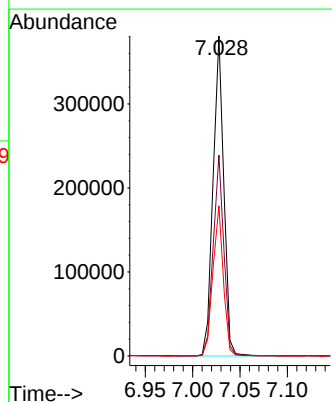
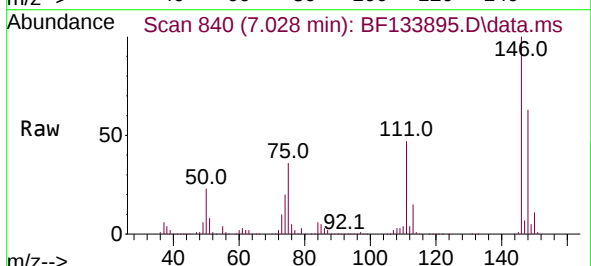
Manual Integrations
APPROVED

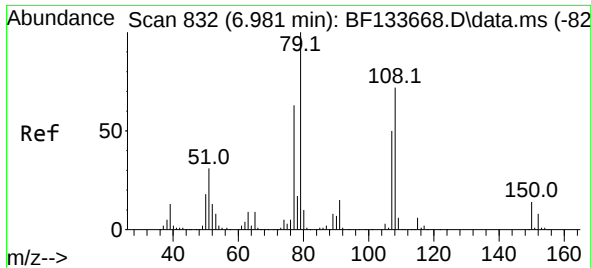
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#14
1,2-Dichlorobenzene
Concen: 52.574 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

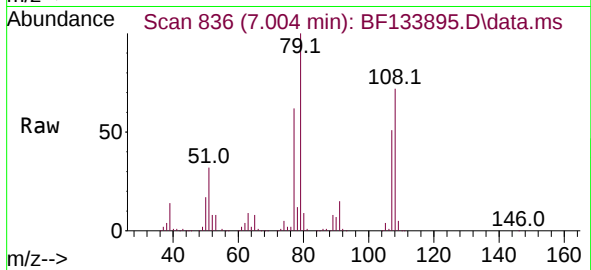
Tgt Ion:146 Resp: 299879
Ion Ratio Lower Upper
146 100
148 62.7 50.6 75.8
111 46.9 38.7 58.1





#15
Benzyl Alcohol
Concen: 46.567 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

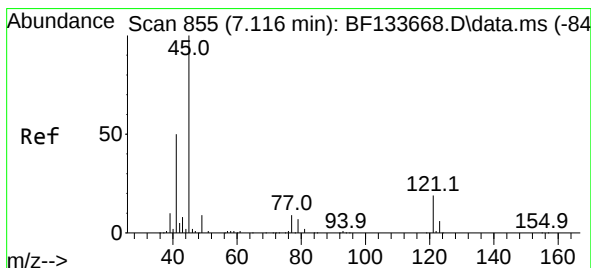
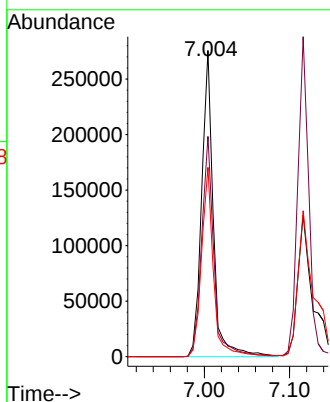
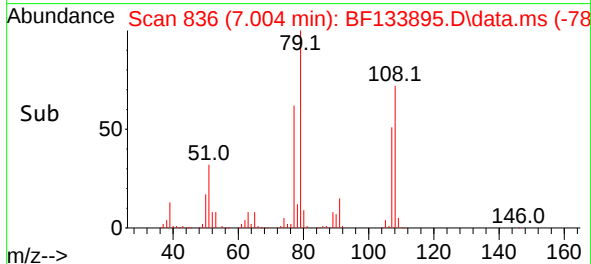
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion: 79 Resp: 262598
Ion Ratio Lower Upper
79 100
108 71.9 57.9 86.9
77 61.8 50.4 75.6

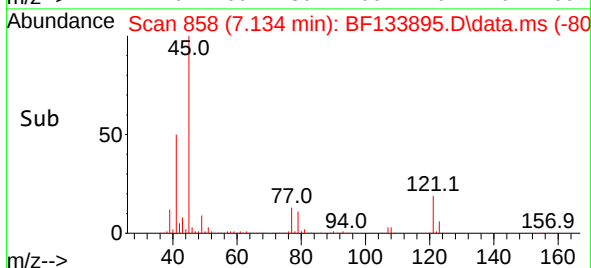
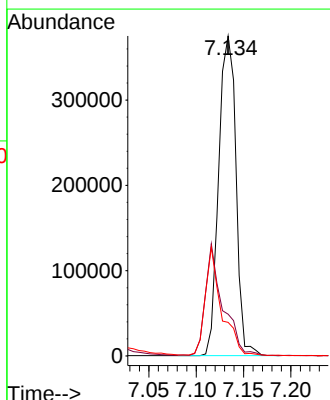
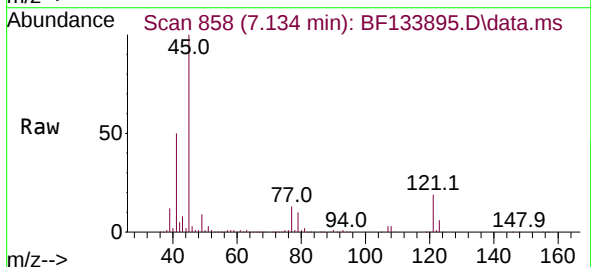
Manual Integrations
APPROVED

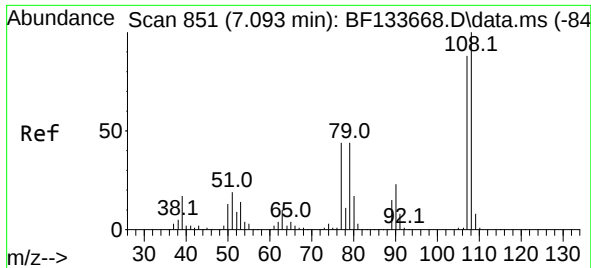
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.269 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

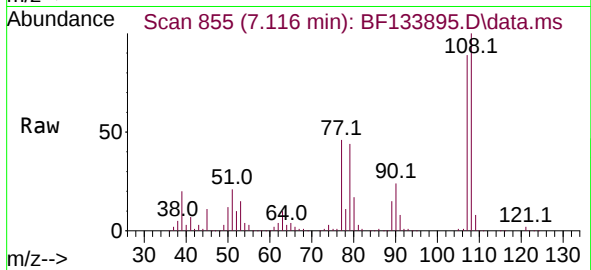
Tgt Ion: 45 Resp: 476948
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.3
79 10.5 0.0 29.4





#17
2-Methylphenol
Concen: 44.520 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

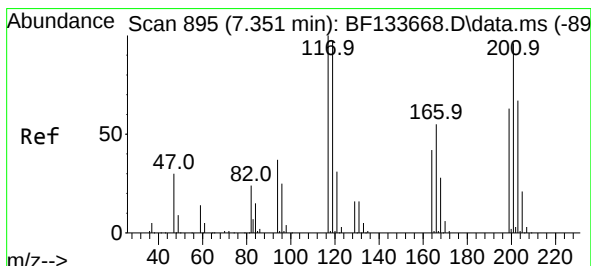
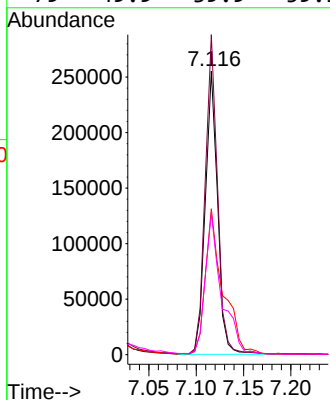
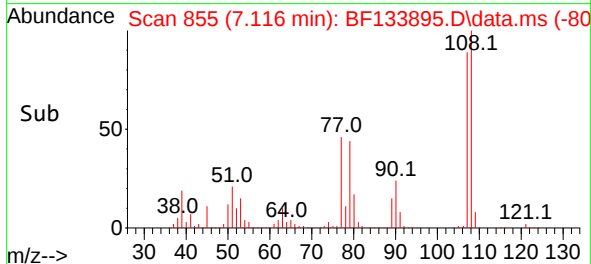
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:107 Resp: 23066
Ion Ratio Lower Upper
107 100
108 112.9 90.9 136.3
77 51.5 39.8 59.6
79 49.9 39.9 59.9

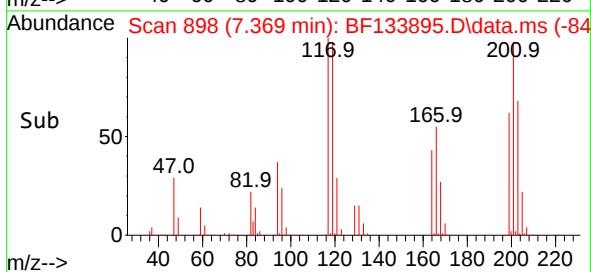
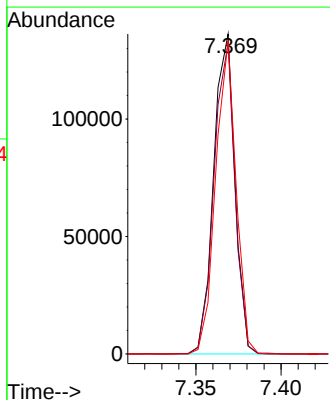
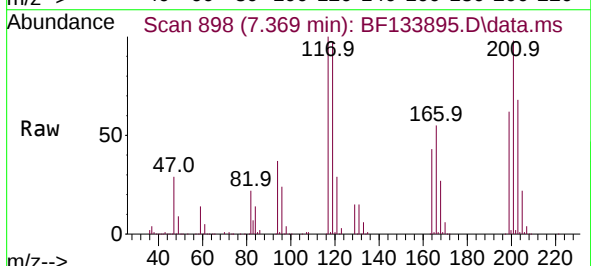
Manual Integrations
APPROVED

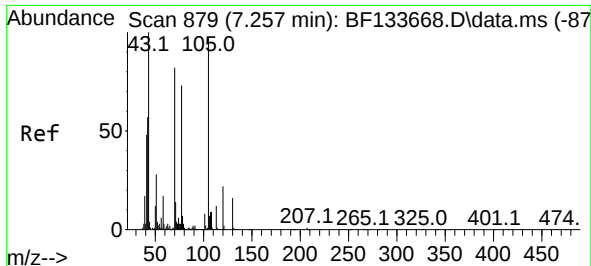
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#18
Hexachloroethane
Concen: 54.477 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

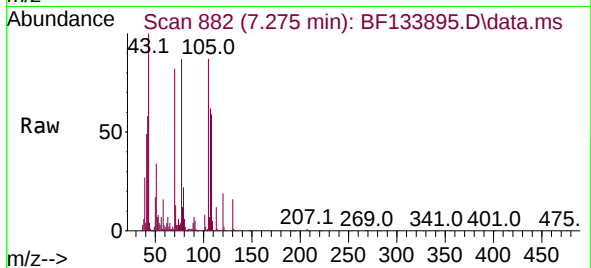
Tgt Ion:117 Resp: 117729
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
201 97.9 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.642 ng
RT: 7.275 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

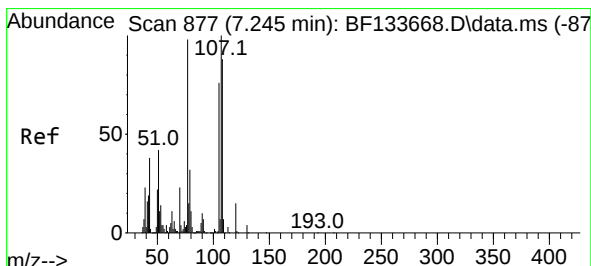
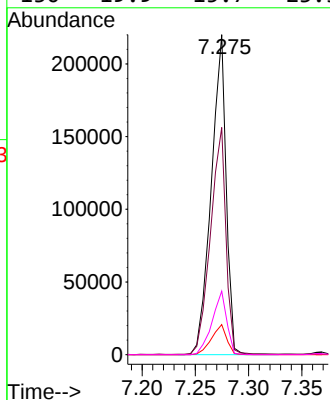
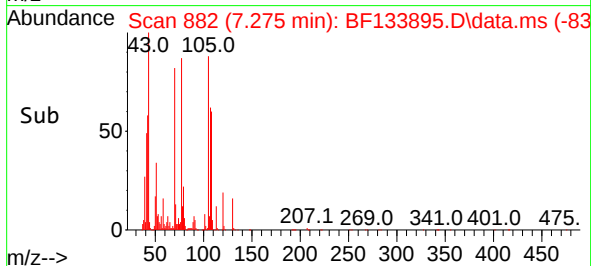
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:	70	Resp:	21426
Ion Ratio	Lower	Upper	
70	100		
42	71.0	55.8	83.8
101	9.4	8.1	12.1
130	19.9	15.7	23.5

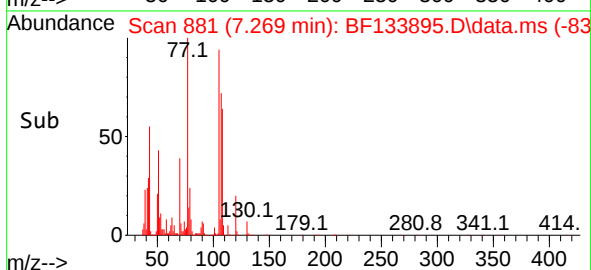
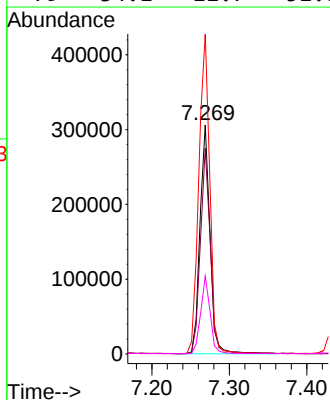
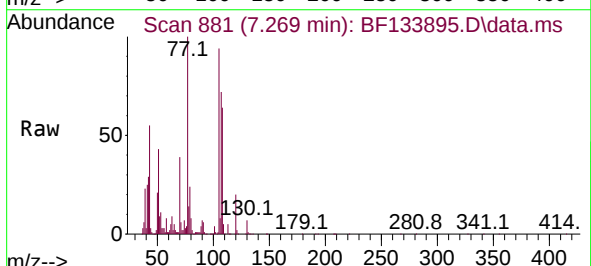
Manual Integrations
APPROVED

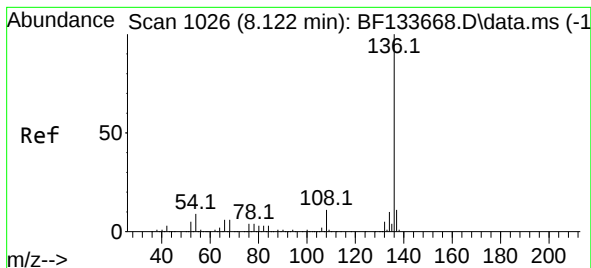
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
3+4-Methylphenols
Concen: 41.102 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

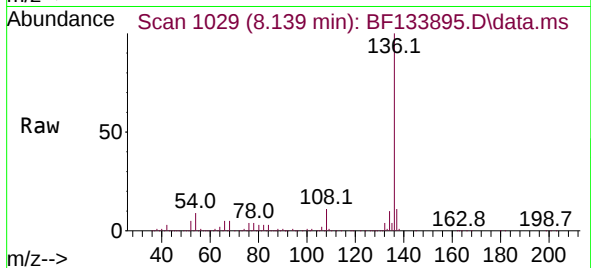
Tgt Ion:	107	Resp:	277031
Ion Ratio	Lower	Upper	
107	100		
108	89.9	67.9	107.9
77	139.7	77.7	117.7#
79	34.1	11.7	51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

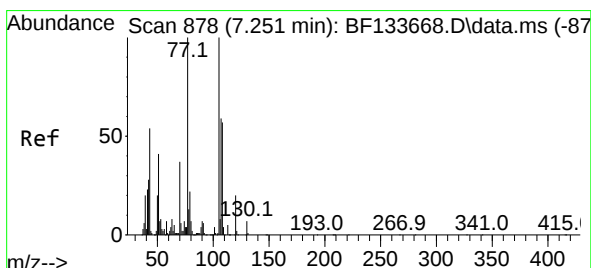
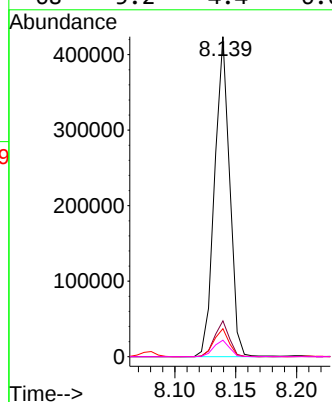
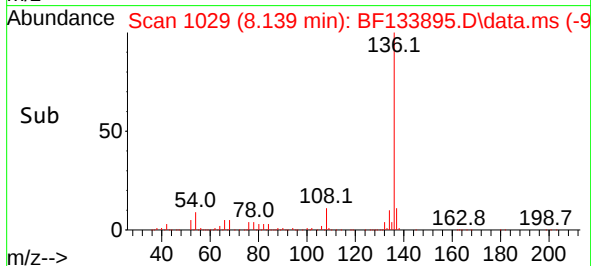
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:136 Resp: 363129
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 7.4 11.0
68 5.2 4.4 6.6

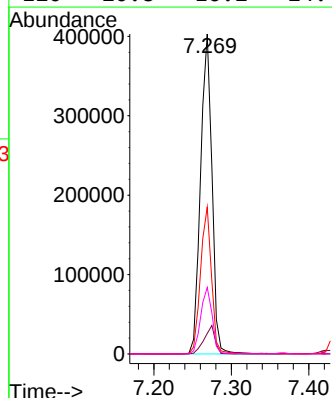
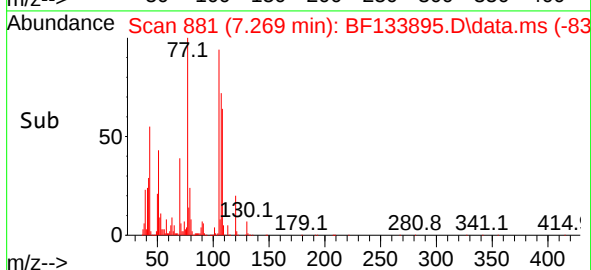
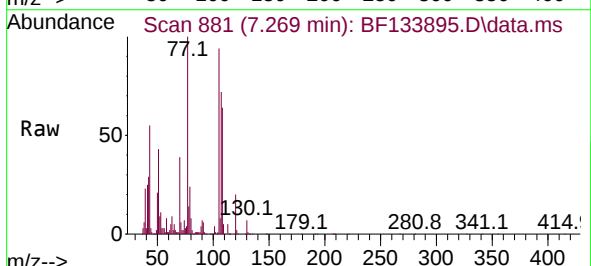
Manual Integrations
APPROVED

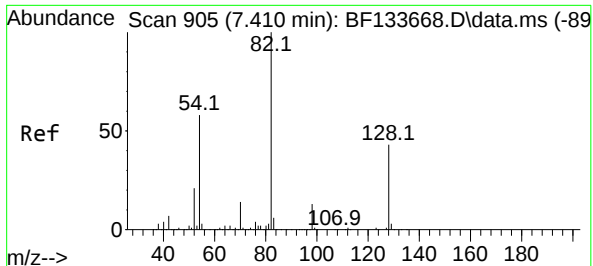
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Acetophenone
Concen: 49.536 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:105 Resp: 412567
Ion Ratio Lower Upper
105 100
71 6.4 4.8 7.2
51 45.9 33.0 49.4
120 20.8 16.2 24.4





#23

Nitrobenzene-d5

Concen: 92.698 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

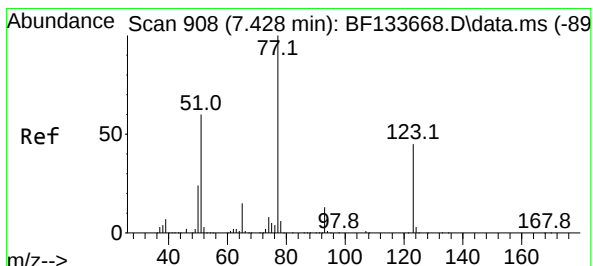
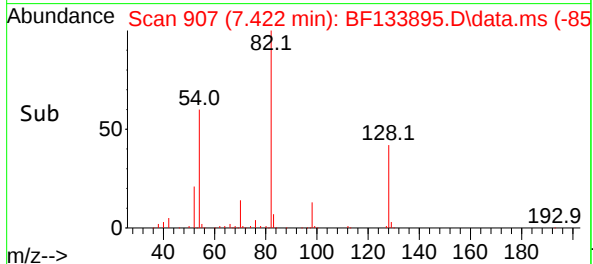
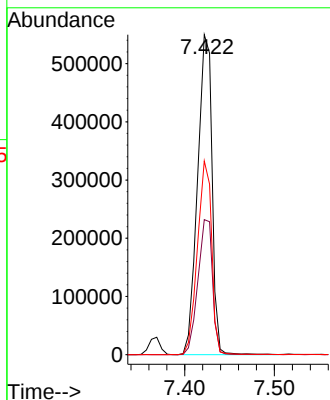
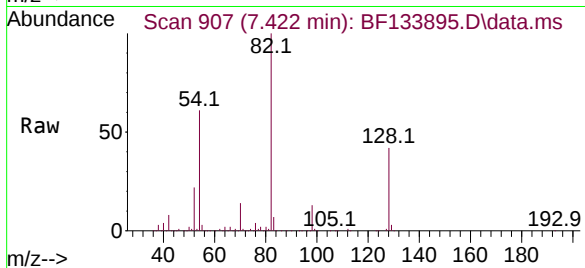
ClientSampleId :

OR-402-COMP-09MSD

Tgt Ion: 82 Resp: 618015
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.2 51.2
 54 60.5 46.5 69.7

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 48.152 ng

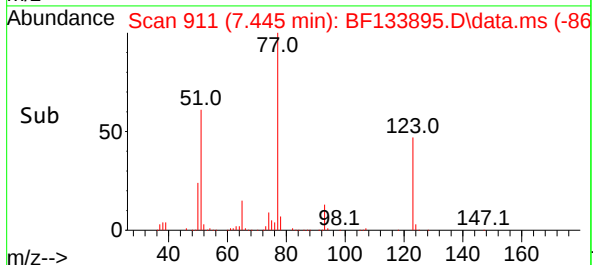
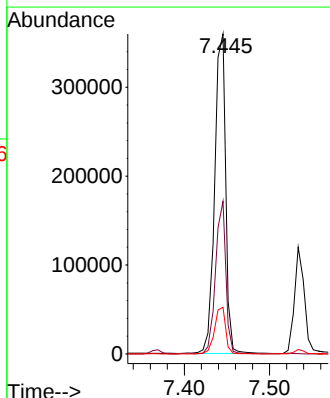
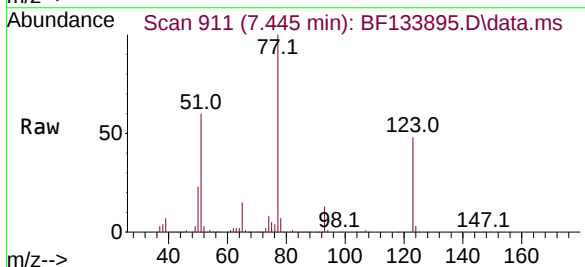
RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

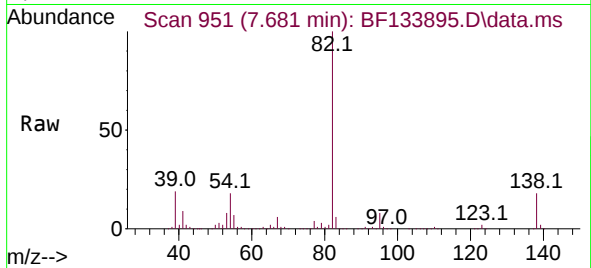
Tgt Ion: 77 Resp: 323259
 Ion Ratio Lower Upper
 77 100
 123 47.7 35.8 53.8
 65 14.6 11.6 17.4





#25
Isophorone
Concen: 47.916 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

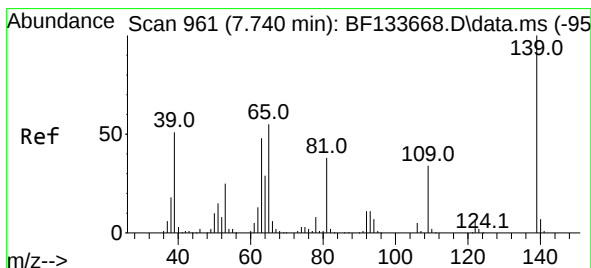
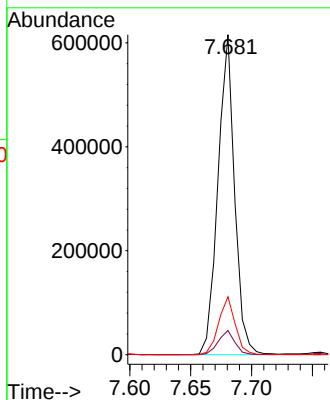
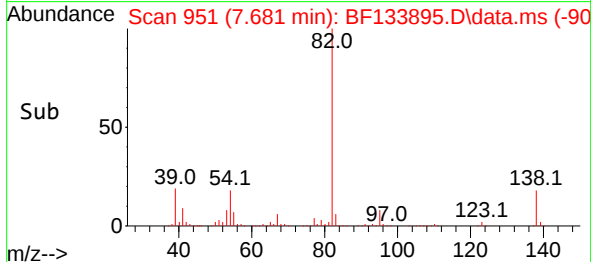
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



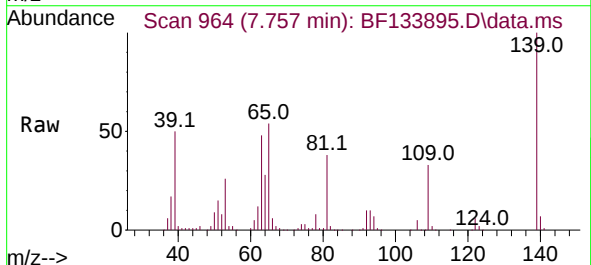
Tgt Ion: 82 Resp: 586484
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.1 14.2 21.2

Manual Integrations
APPROVED

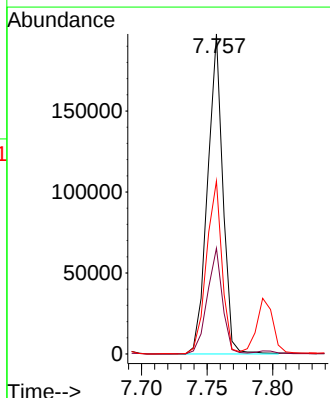
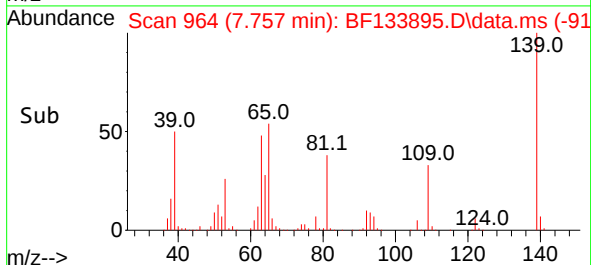
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

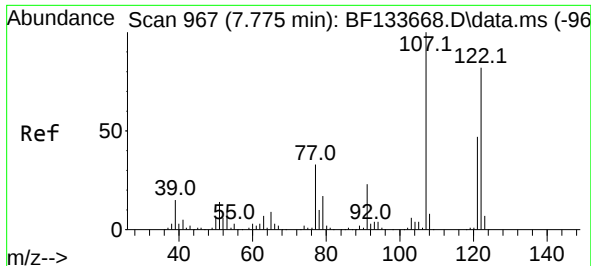


#26
2-Nitrophenol
Concen: 53.140 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



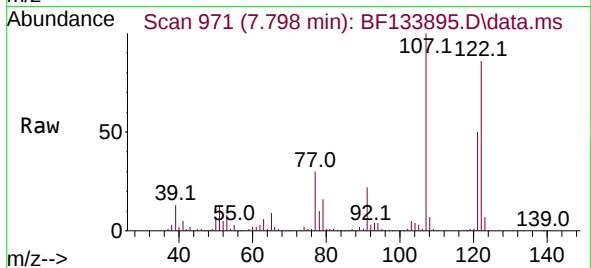
Tgt Ion:139 Resp: 160101
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 54.1 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 49.151 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

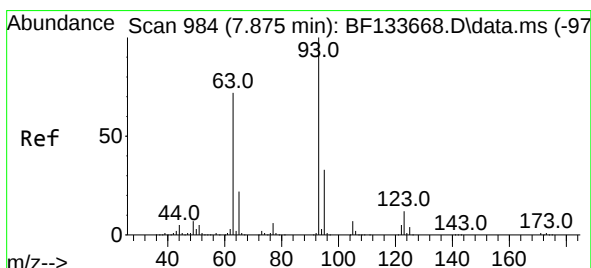
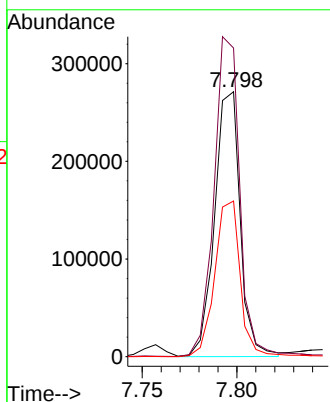
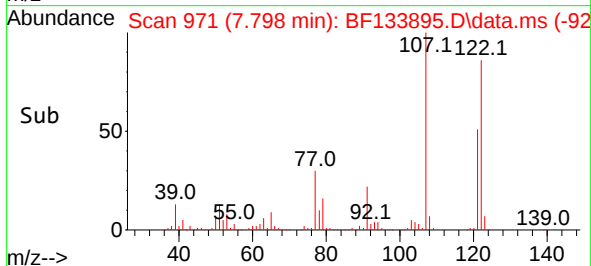
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:122 Resp: 255235
Ion Ratio Lower Upper
122 100
107 116.5 97.8 146.6
121 58.8 46.1 69.1

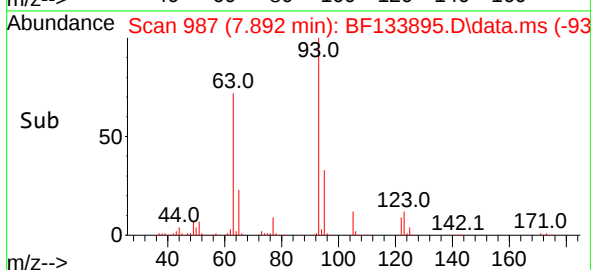
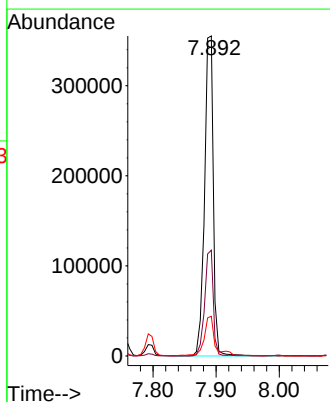
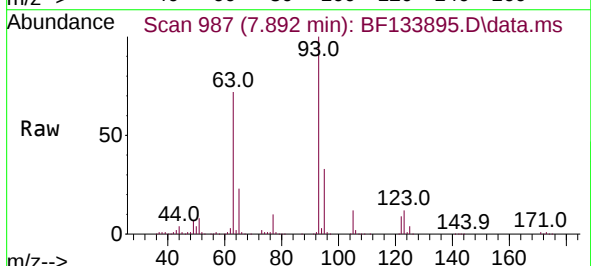
Manual Integrations
APPROVED

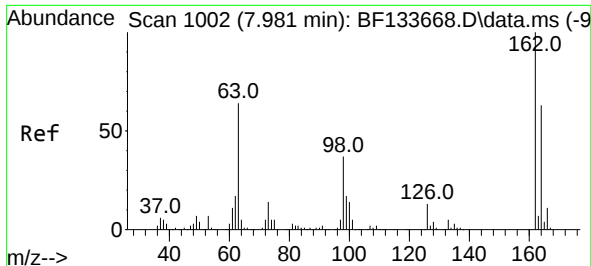
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.889 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion: 93 Resp: 345847
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 49.634 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF133895.D

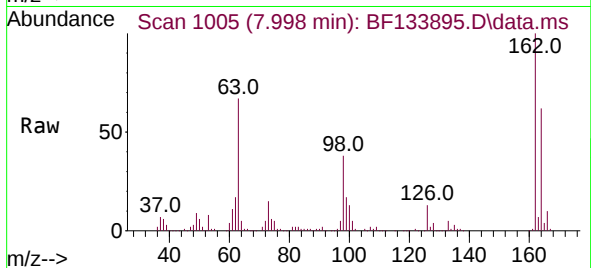
Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD



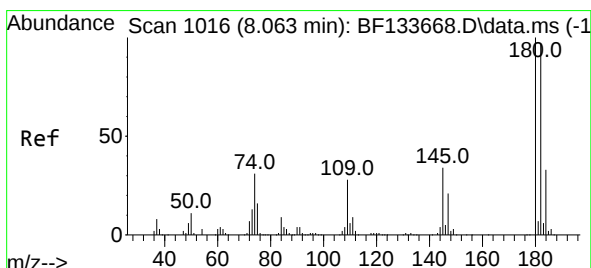
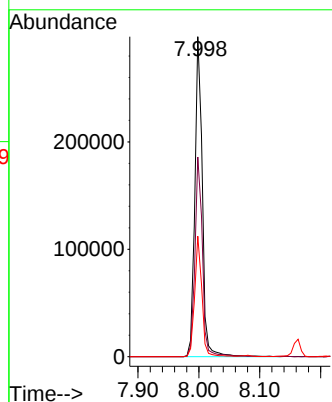
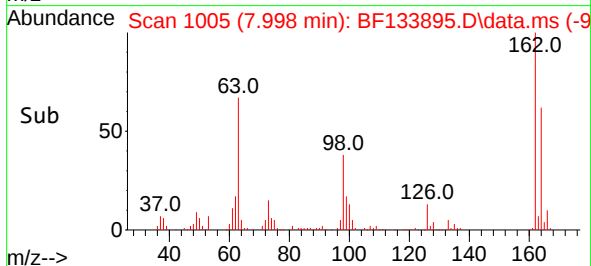
Tgt Ion:	162	Resp:	25261
Ion Ratio	Lower	Upper	
162	100		
164	62.4	43.4	83.4
98	37.7	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.930 ng

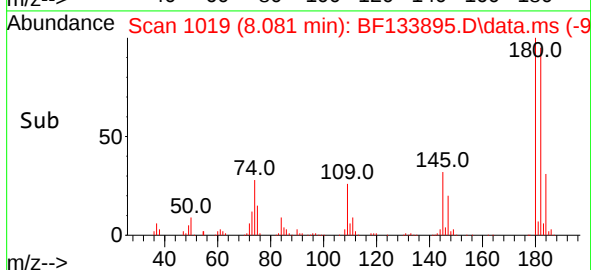
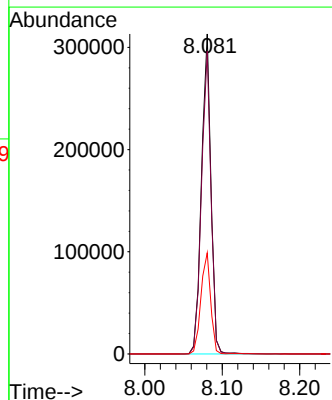
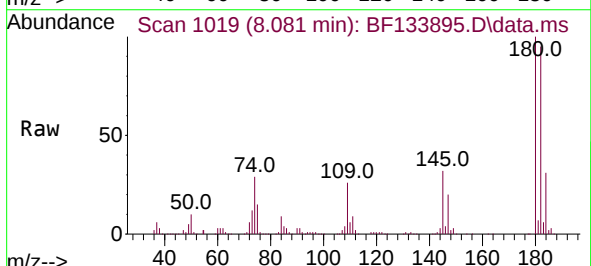
RT: 8.081 min Scan# 1019

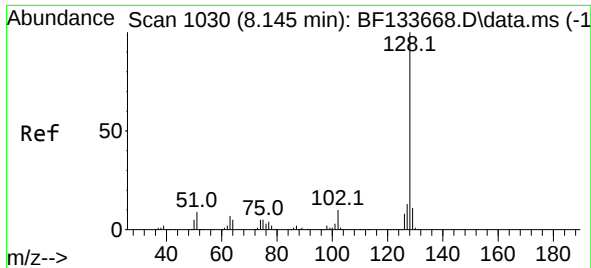
Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

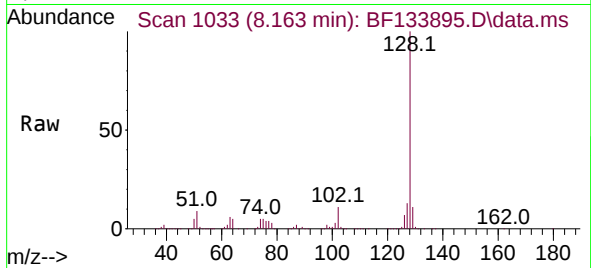
Tgt Ion:	180	Resp:	265130
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.8	116.8
145	31.6	27.0	40.4





#31
Naphthalene
Concen: 47.267 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

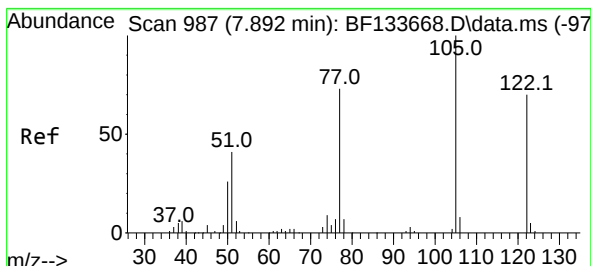
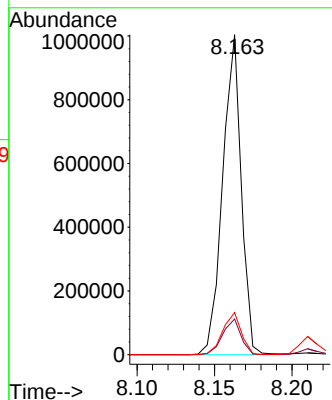
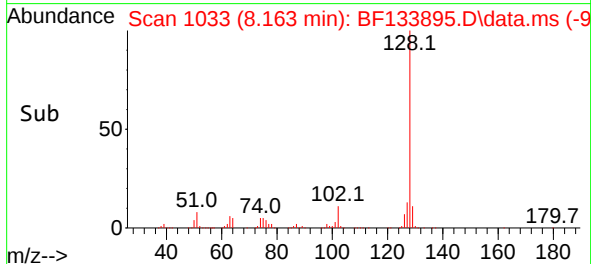
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:128 Resp: 836234
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7

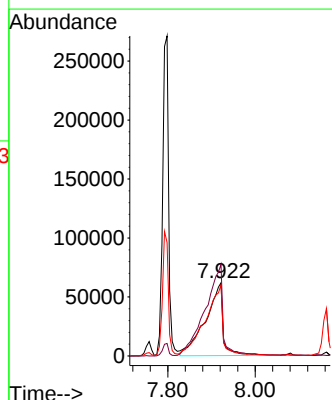
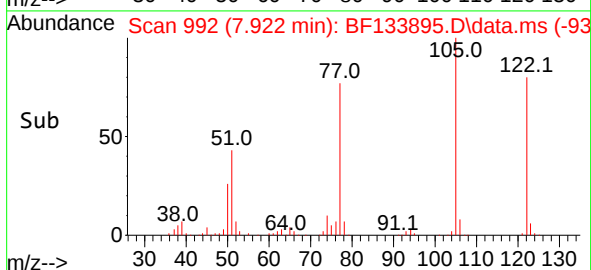
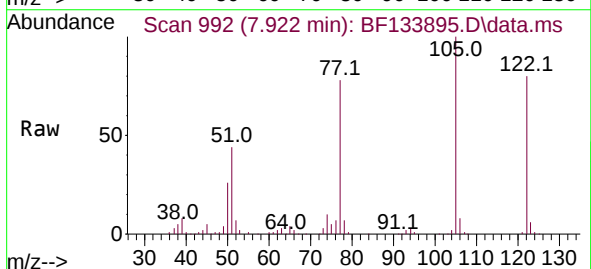
Manual Integrations
APPROVED

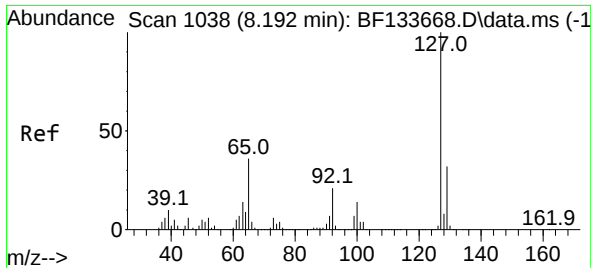
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#32
Benzoic acid
Concen: 53.209 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:122 Resp: 174265
Ion Ratio Lower Upper
122 100
105 125.4 116.3 156.3
77 97.3 82.4 122.4





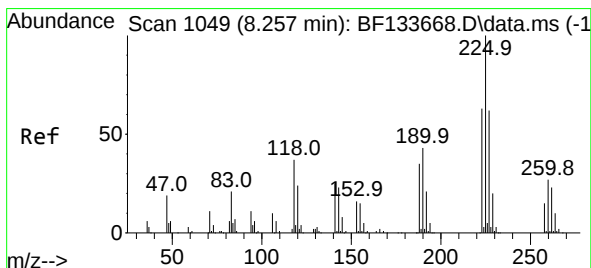
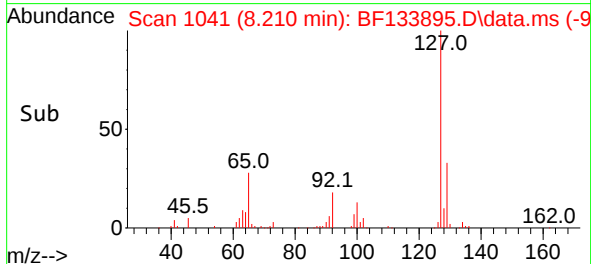
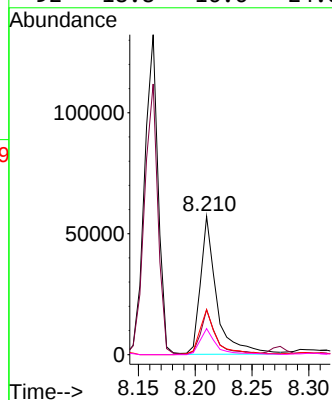
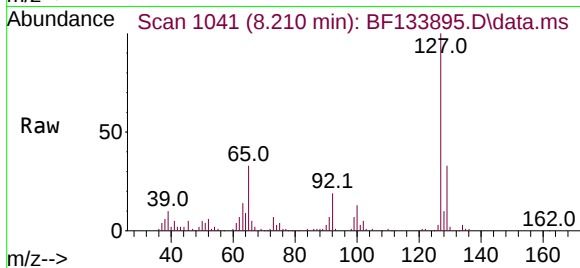
#33
4-Chloroaniline
Concen: 7.500 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion:	127	Resp:	5673
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.6	38.4
65	32.6	28.9	43.3
92	18.8	16.6	24.8

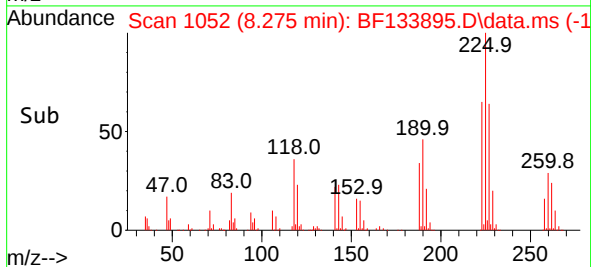
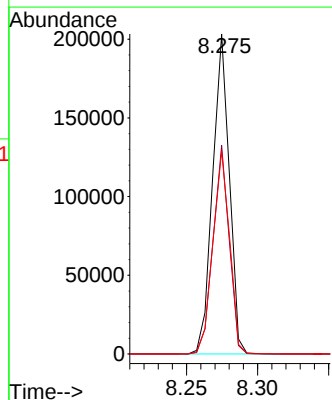
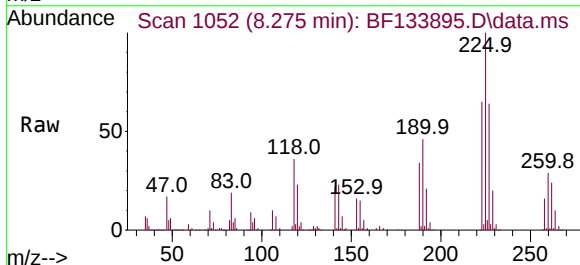
Manual Integrations
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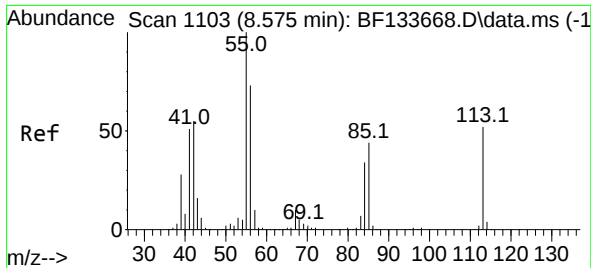
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#34
Hexachlorobutadiene
Concen: 47.538 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

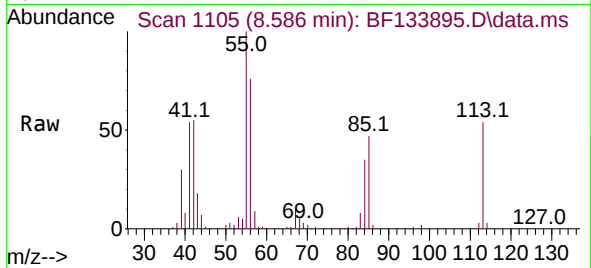
Tgt Ion:	225	Resp:	165271
Ion Ratio	Lower	Upper	
225	100		
223	65.2	50.2	75.4
227	63.5	49.5	74.3





#35
Caprolactam
Concen: 40.597 ng m
RT: 8.586 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

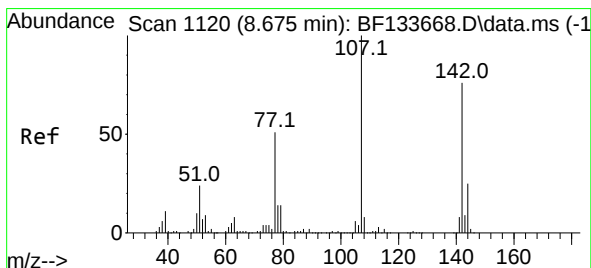
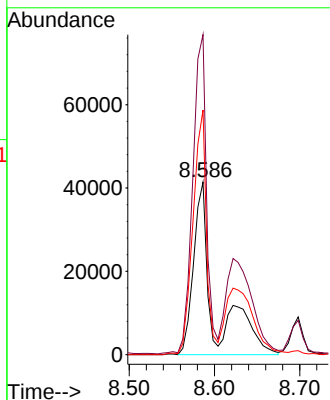
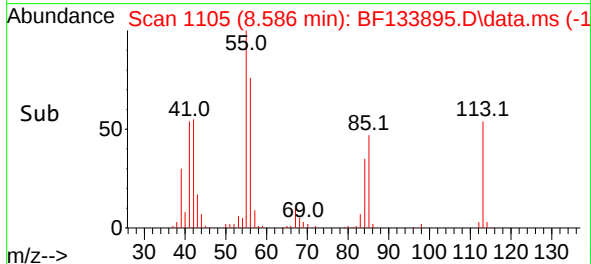
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:113 Resp: 6952
Ion Ratio Lower Upper
113 100
55 185.6 173.3 213.3
56 141.8 120.5 160.5

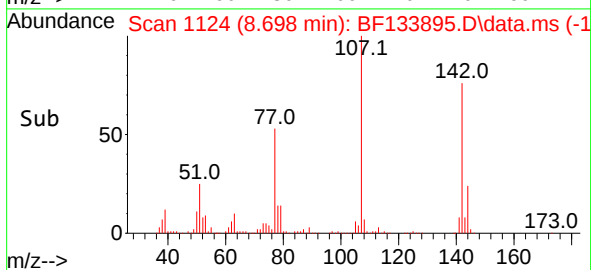
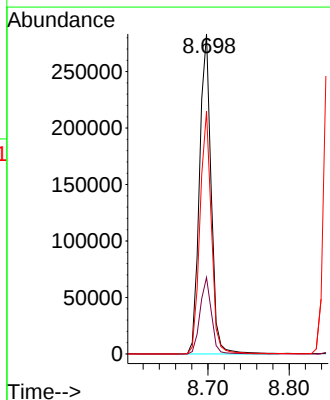
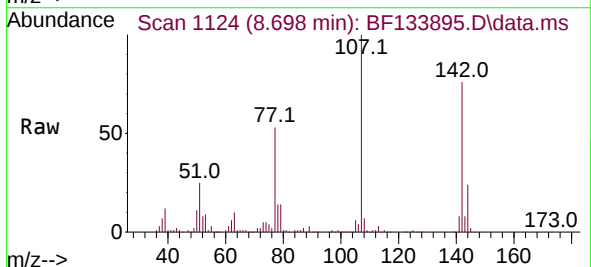
Manual Integrations
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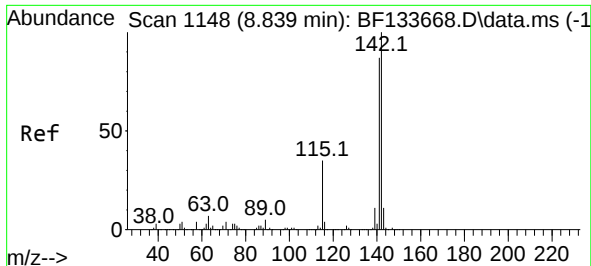
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#36
4-Chloro-3-methylphenol
Concen: 48.094 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:107 Resp: 282137
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 75.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 46.562 ng

RT: 8.851 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD

Tgt Ion:142 Resp: 572360

Ion Ratio Lower Upper

142 100

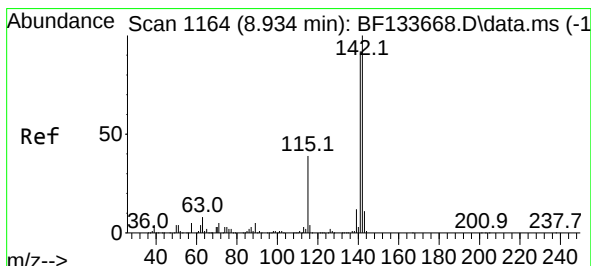
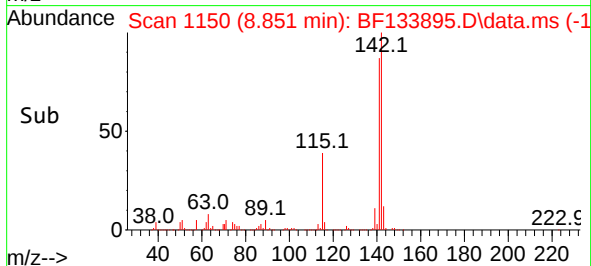
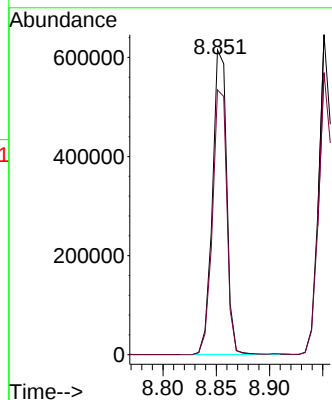
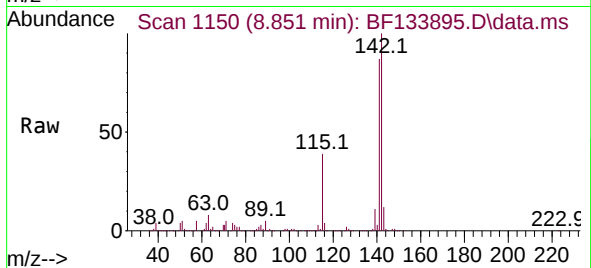
141 86.9 69.8 104.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#38

1-Methylnaphthalene

Concen: 47.225 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF133895.D

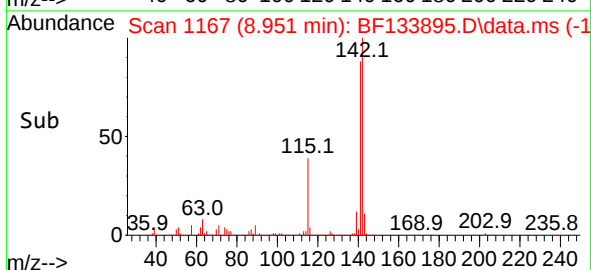
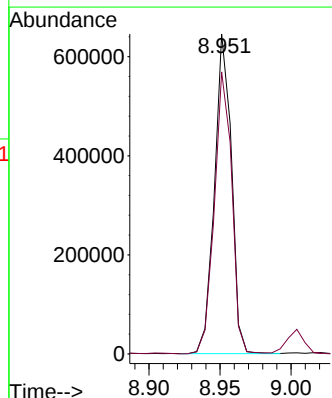
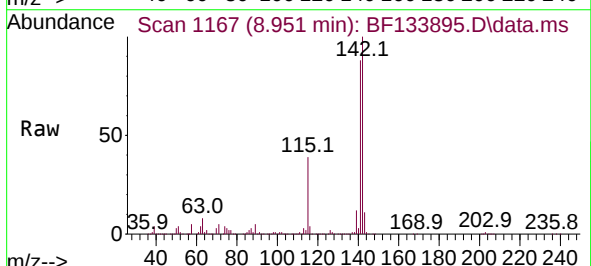
Acq: 22 Jun 2023 11:47

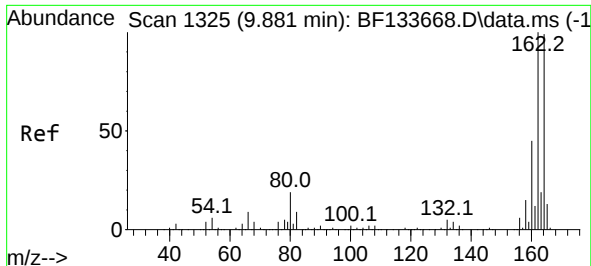
Tgt Ion:142 Resp: 534180

Ion Ratio Lower Upper

142 100

141 88.1 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF133895.D

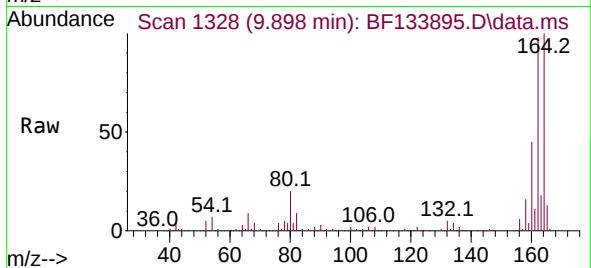
Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD



Tgt Ion:164 Resp: 187199

Ion Ratio Lower Upper

164 100

162 98.2 80.8 121.2

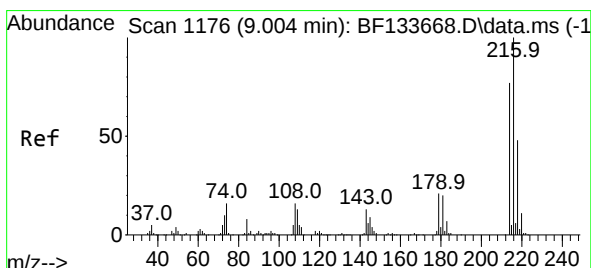
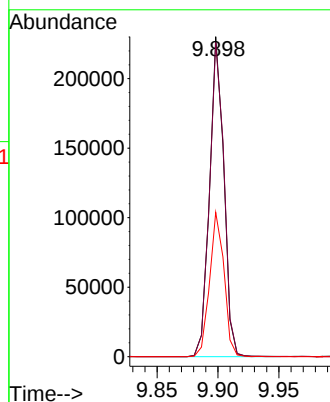
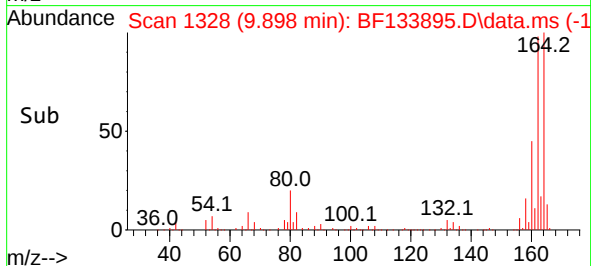
160 45.1 36.7 55.1

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.246 ng

RT: 9.022 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Tgt Ion:216 Resp: 268879

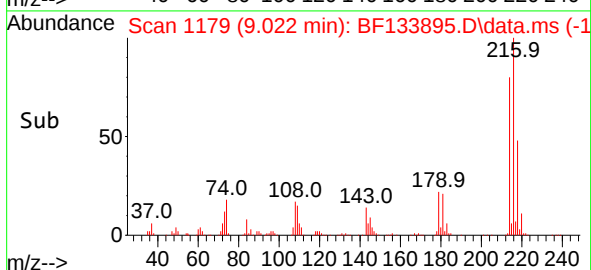
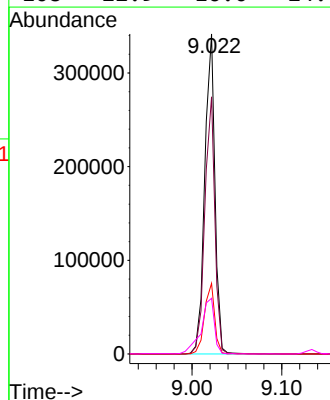
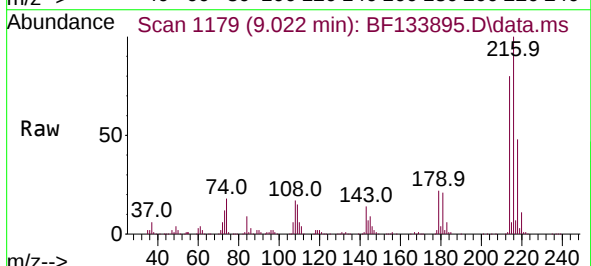
Ion Ratio Lower Upper

216 100

214 79.6 62.7 94.1

179 22.0 17.6 26.4

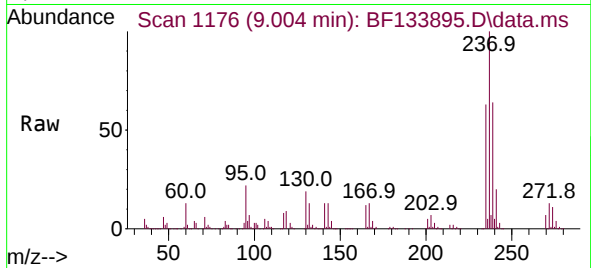
108 22.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 126.333 ng
RT: 9.004 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

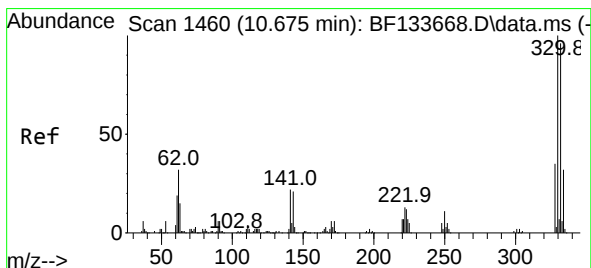
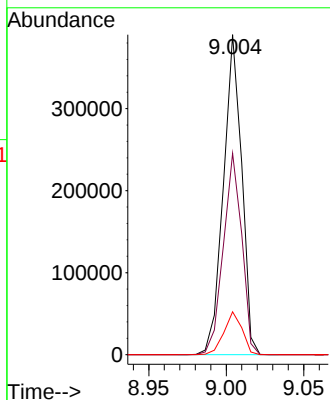
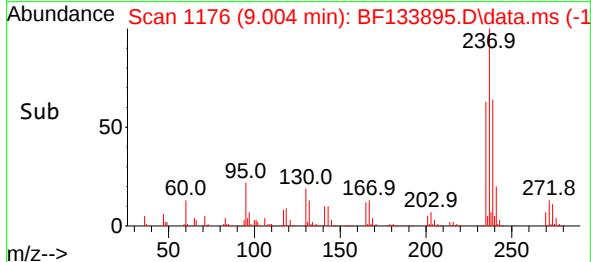
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



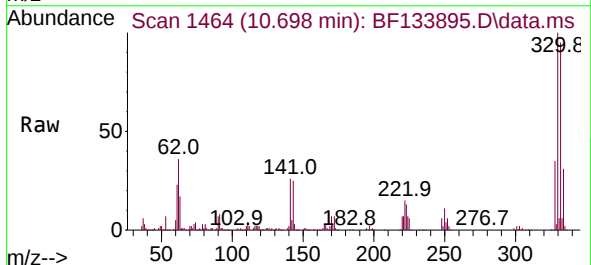
Tgt Ion:237 Resp: 320394
Ion Ratio Lower Upper
237 100
235 62.9 40.6 80.6
272 13.4 0.0 32.6

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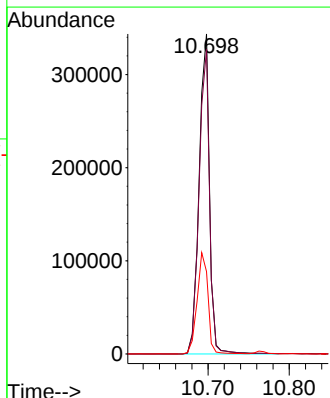
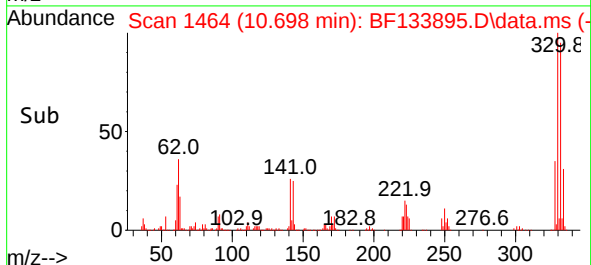
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#42
2,4,6-Tribromophenol
Concen: 128.978 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



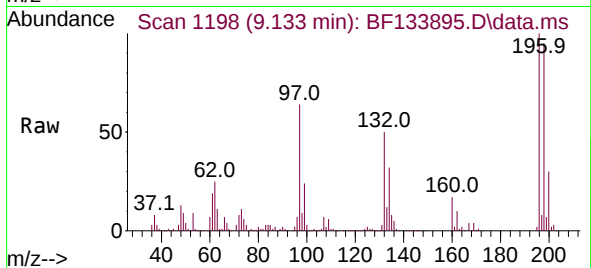
Tgt Ion:330 Resp: 305628
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 33.2 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 47.857 ng
RT: 9.133 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

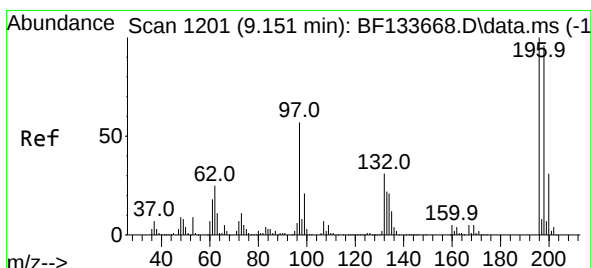
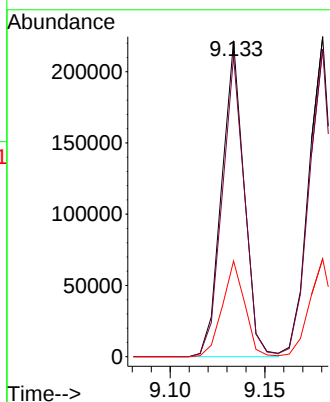
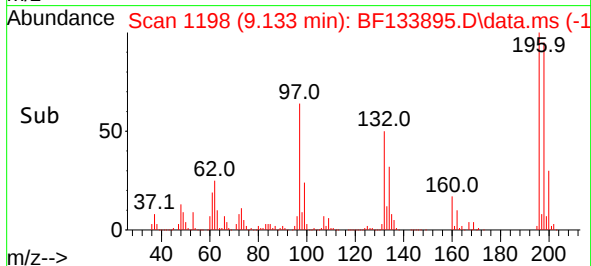
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



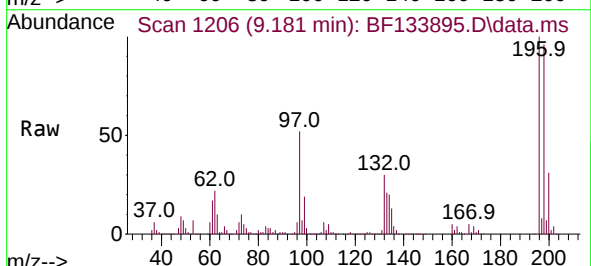
Tgt Ion:196 Resp: 181998
Ion Ratio Lower Upper
196 100
198 95.3 74.5 111.7
200 30.3 22.9 34.3

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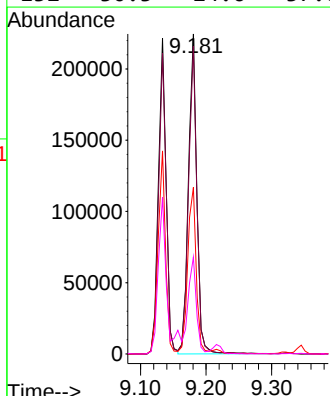
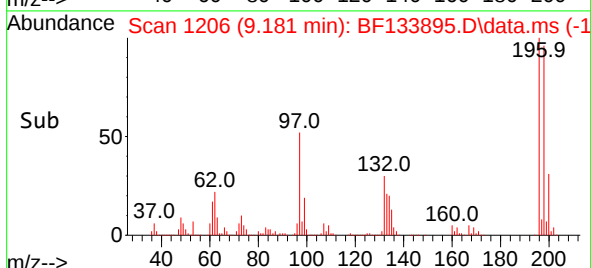
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

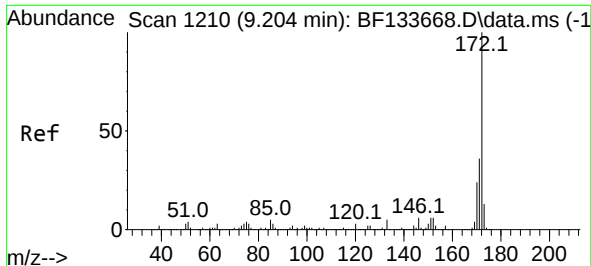


#44
2,4,5-Trichlorophenol
Concen: 45.089 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



Tgt Ion:196 Resp: 199487
Ion Ratio Lower Upper
196 100
198 96.1 76.8 115.2
97 52.0 45.4 68.2
132 30.3 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 86.643 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133895.D

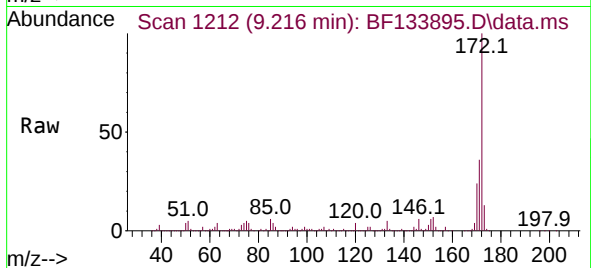
Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD



Tgt Ion:172 Resp: 1140999

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

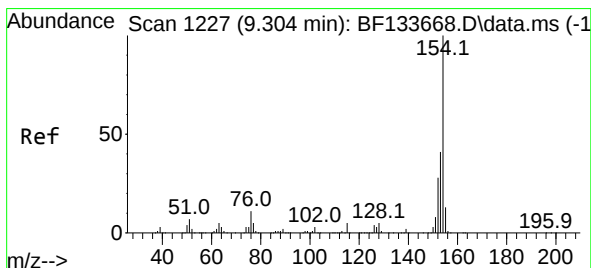
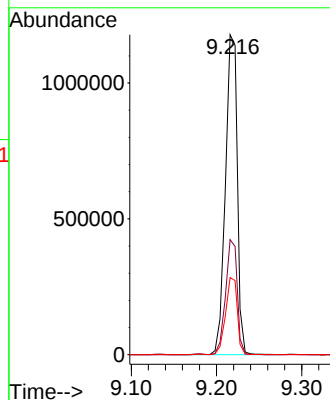
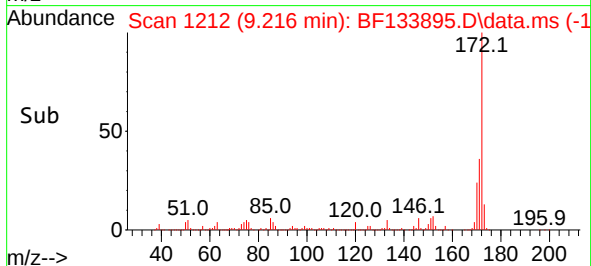
170 24.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#46

1,1'-Biphenyl

Concen: 48.099 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

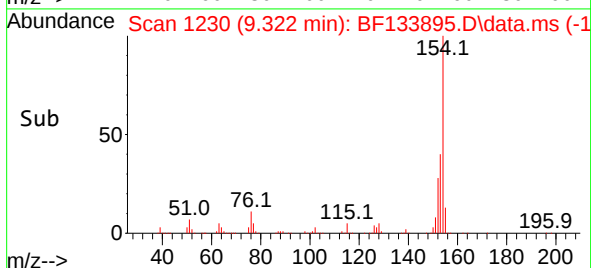
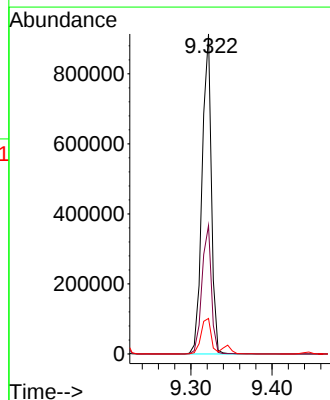
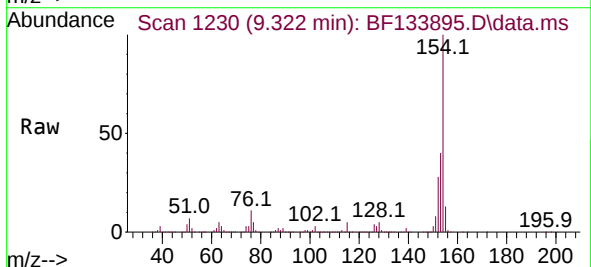
Tgt Ion:154 Resp: 726193

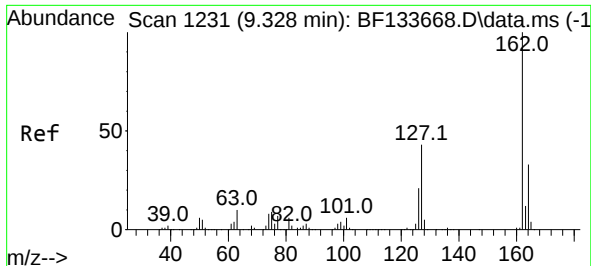
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 11.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.095 ng

RT: 9.345 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD

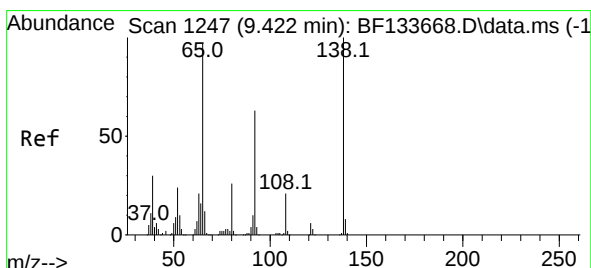
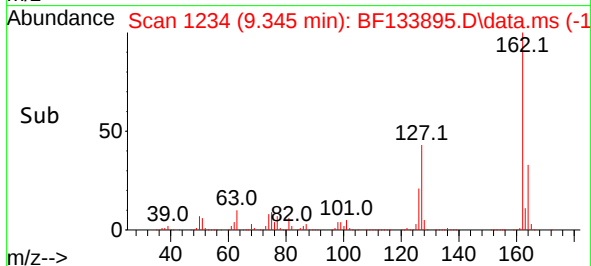
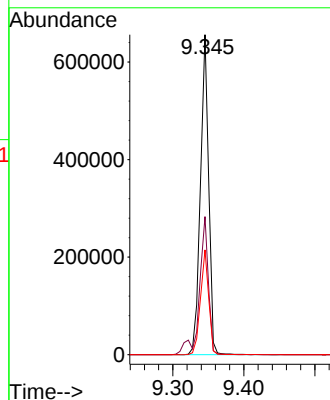
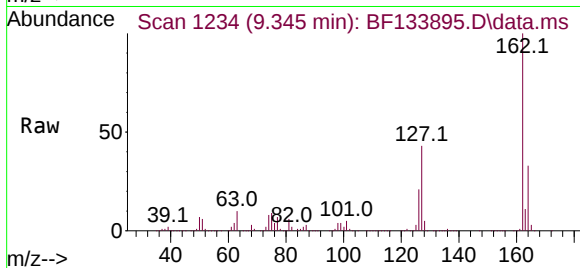
Tgt Ion:	162	Resp:	53169
Ion Ratio	Lower	Upper	
162	100		
127	43.2	34.6	52.0
164	32.7	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#48

2-Nitroaniline

Concen: 47.633 ng

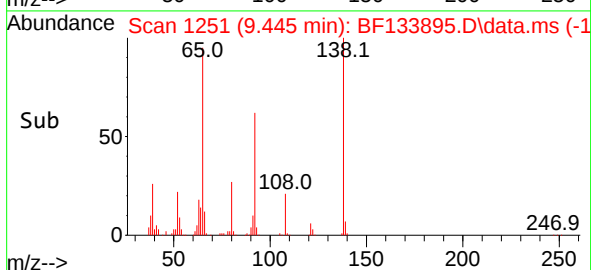
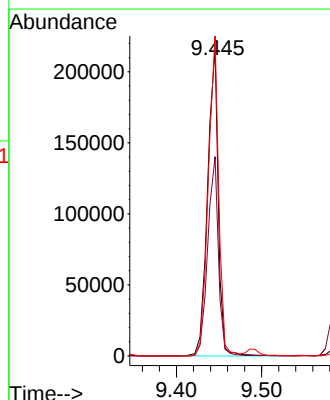
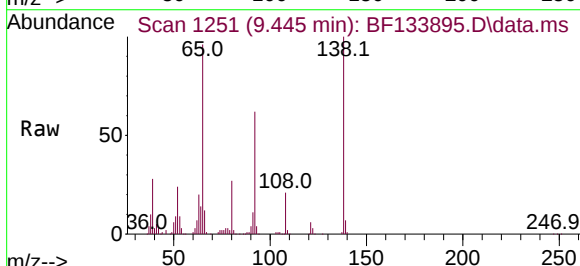
RT: 9.445 min Scan# 1251

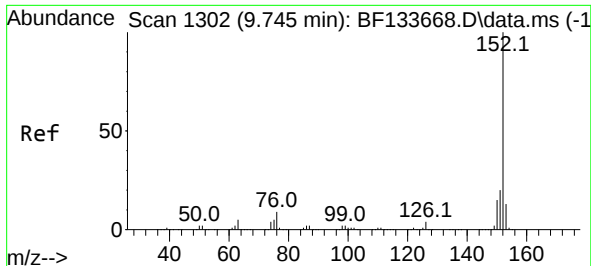
Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Tgt Ion:	65	Resp:	188664
Ion Ratio	Lower	Upper	
65	100		
92	64.9	51.8	77.6
138	104.2	82.1	123.1





#49

Acenaphthylene

Concen: 46.993 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD

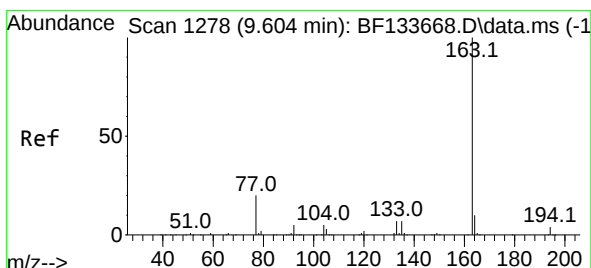
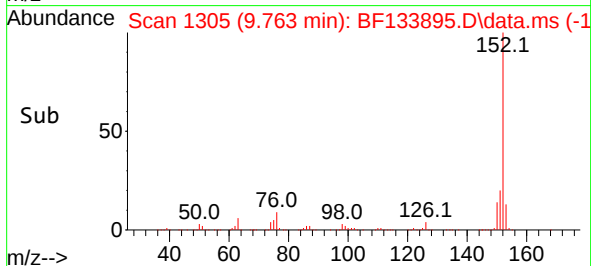
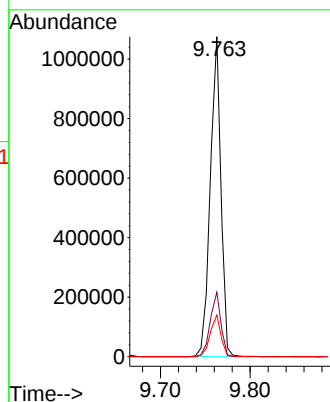
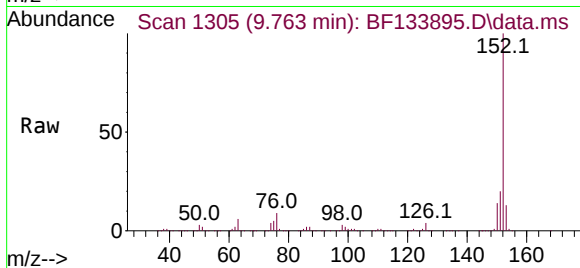
Tgt Ion:152 Resp: 885805
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#50

Dimethylphthalate

Concen: 46.978 ng

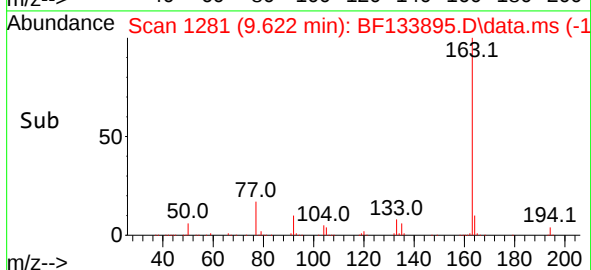
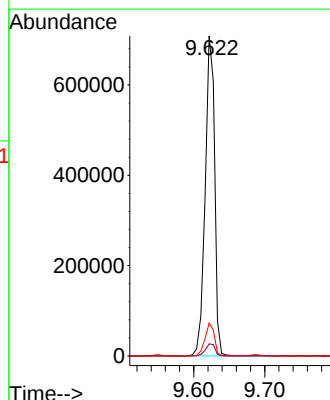
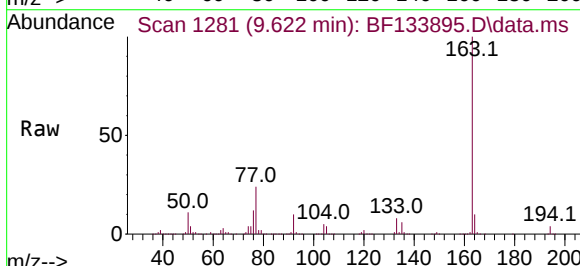
RT: 9.622 min Scan# 1281

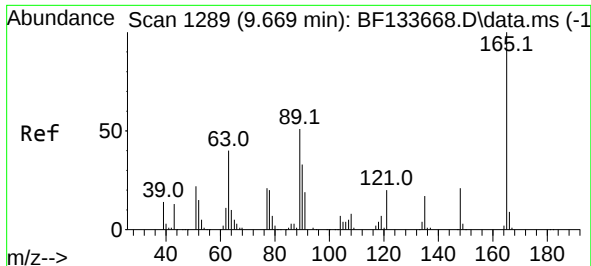
Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

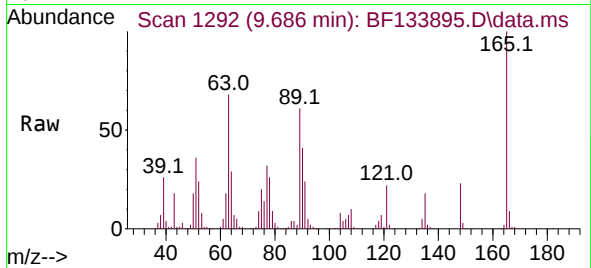
Tgt Ion:163 Resp: 656422
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.856 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

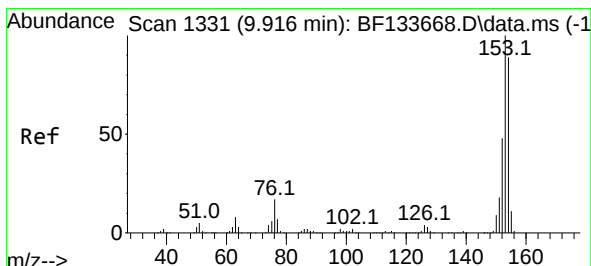
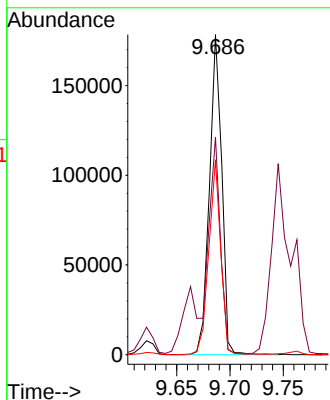
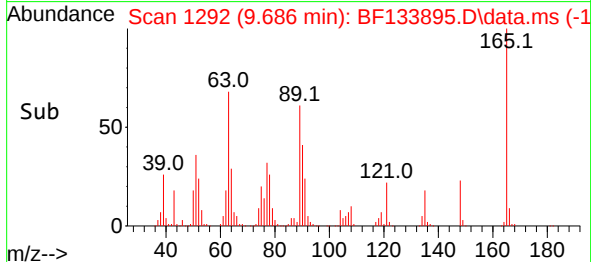
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:165 Resp: 143790
Ion Ratio Lower Upper
165 100
63 68.0 42.1 63.1
89 60.9 40.9 61.3

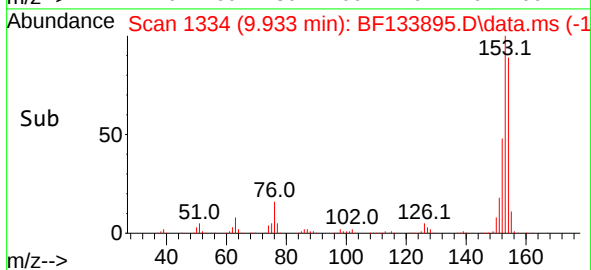
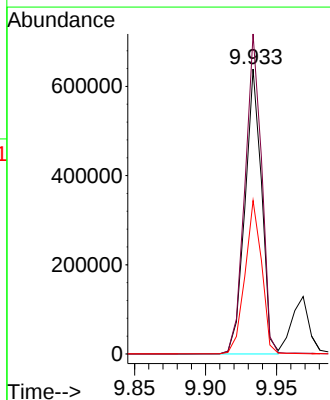
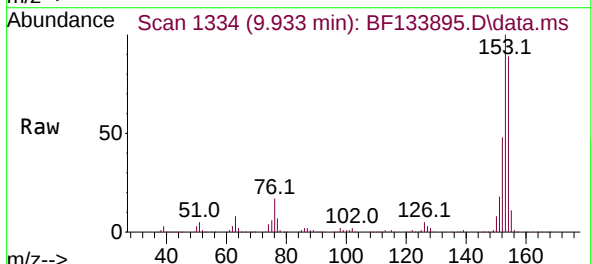
Manual Integrations
APPROVED

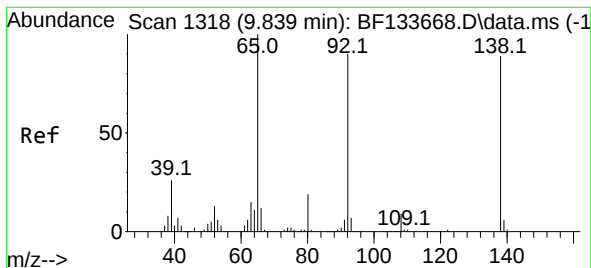
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#52
Acenaphthene
Concen: 47.227 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

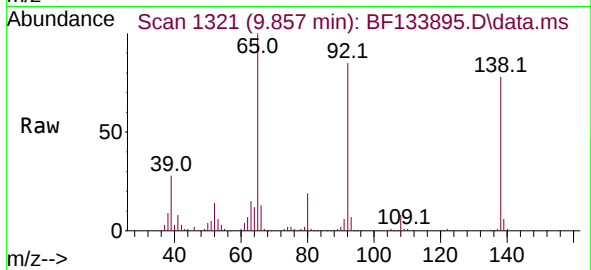
Tgt Ion:154 Resp: 521066
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 53.9 43.4 65.2





#53
3-Nitroaniline
Concen: 28.549 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

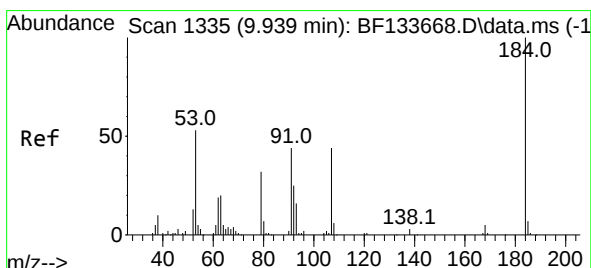
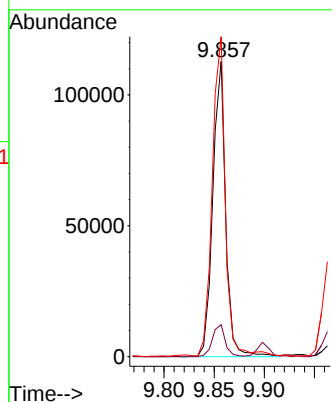
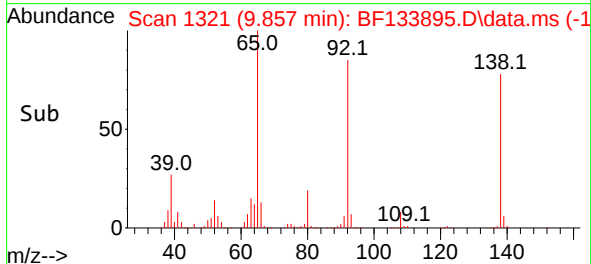
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



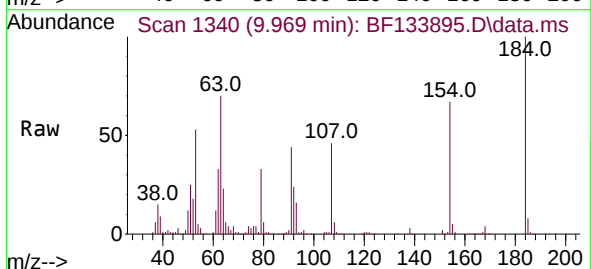
Tgt Ion:138 Resp: 100200
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 108.4 81.0 121.6

Manual Integrations
APPROVED

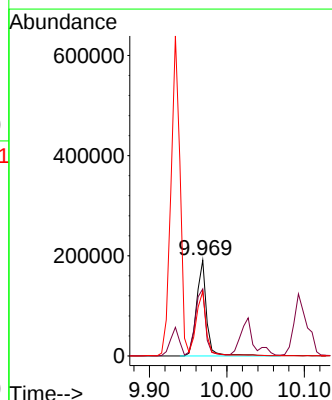
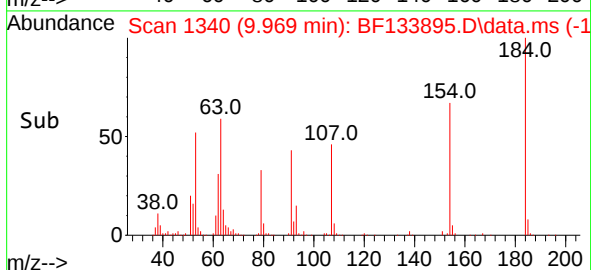
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

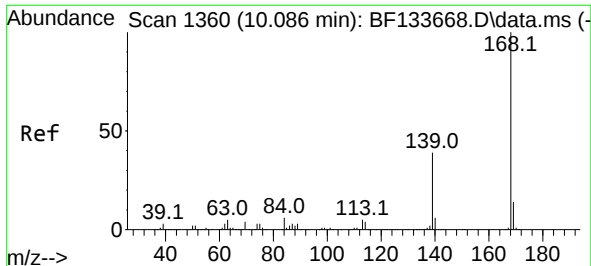


#54
2,4-Dinitrophenol
Concen: 119.228 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



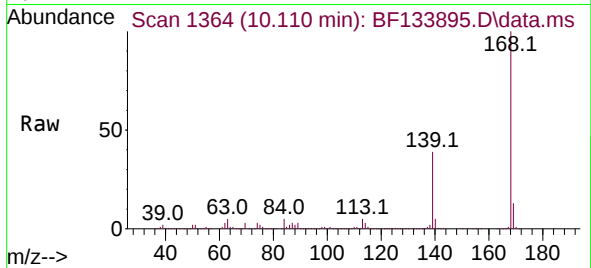
Tgt Ion:184 Resp: 172291
Ion Ratio Lower Upper
184 100
63 70.0 55.3 82.9
154 67.4 51.9 77.9





#55
Dibenzenofuran
Concen: 47.568 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

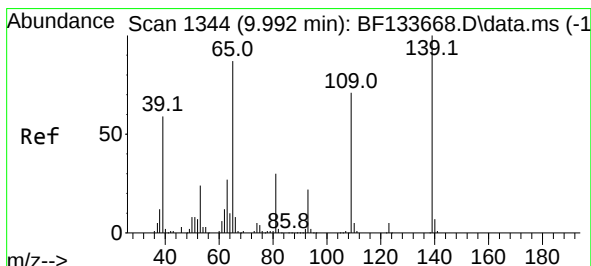
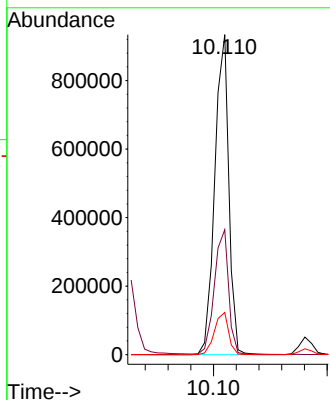
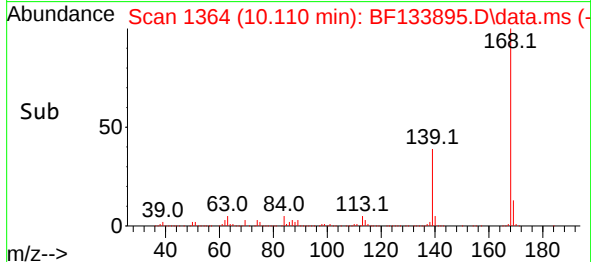
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:168 Resp: 800838
Ion Ratio Lower Upper
168 100
139 39.1 30.9 46.3
169 13.2 10.9 16.3

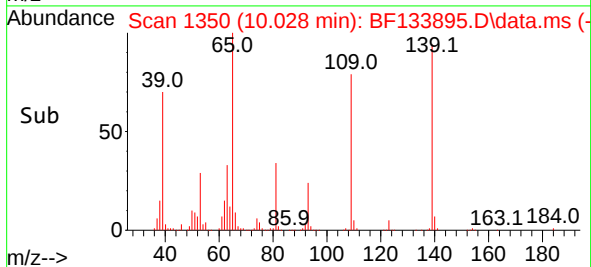
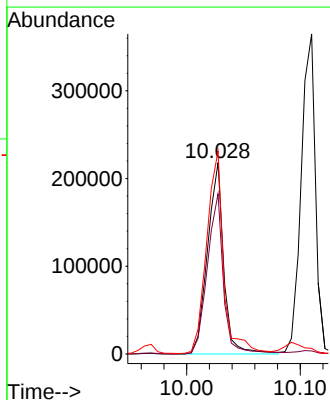
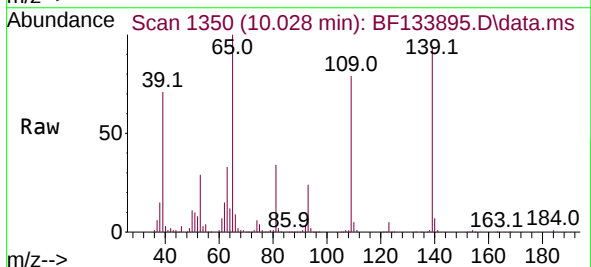
Manual Integrations
APPROVED

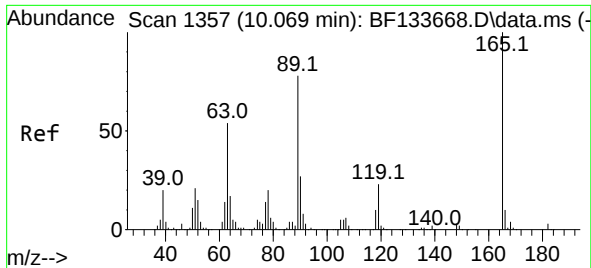
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#56
4-Nitrophenol
Concen: 91.067 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

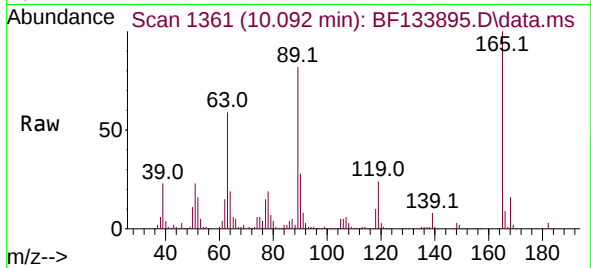
Tgt Ion:139 Resp: 215714
Ion Ratio Lower Upper
139 100
109 83.7 50.7 90.7
65 106.0 67.1 107.1





#57
2,4-Dinitrotoluene
Concen: 52.112 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

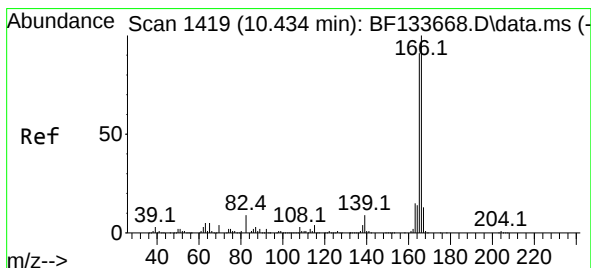
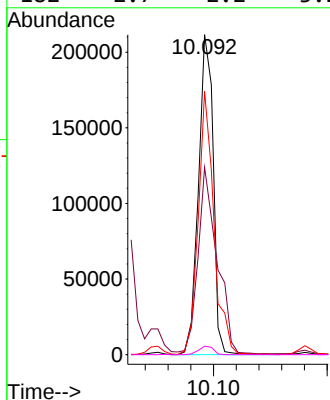
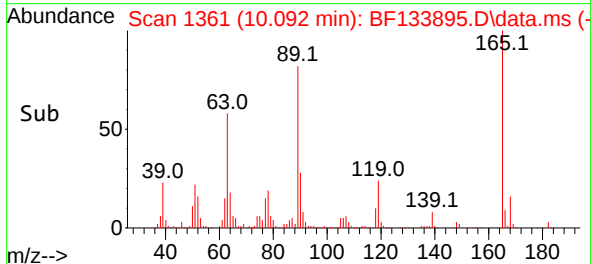
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



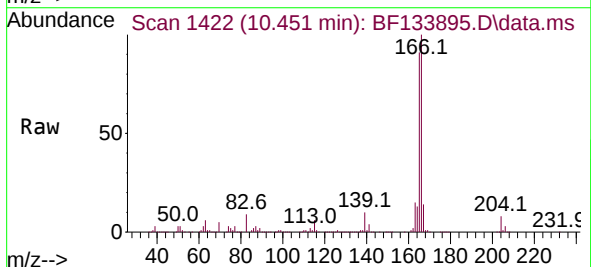
Tgt Ion:165 Resp: 191148
Ion Ratio Lower Upper
165 100
63 58.6 43.0 64.6
89 82.2 62.6 93.8
182 2.7 2.2 3.2

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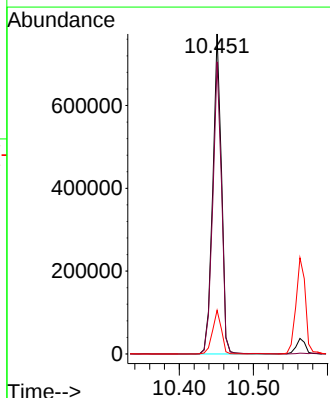
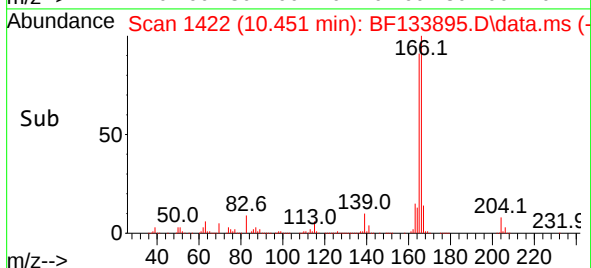
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

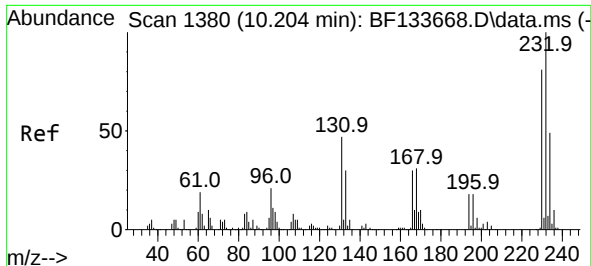


#58
Fluorene
Concen: 48.784 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



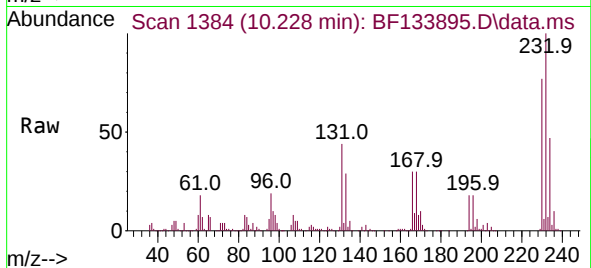
Tgt Ion:166 Resp: 628081
Ion Ratio Lower Upper
166 100
165 91.3 73.1 109.7
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.244 ng
RT: 10.228 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

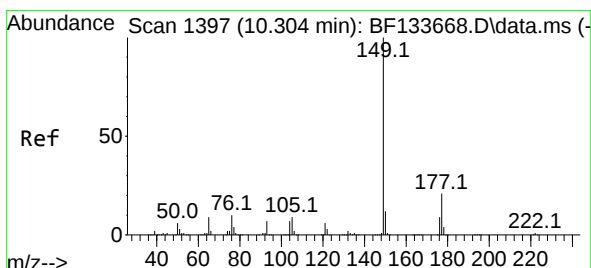
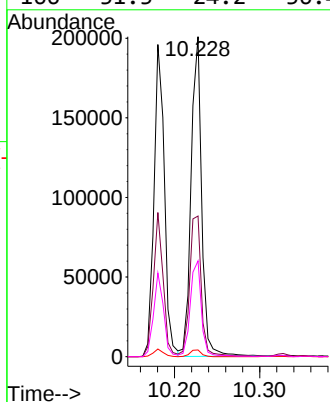
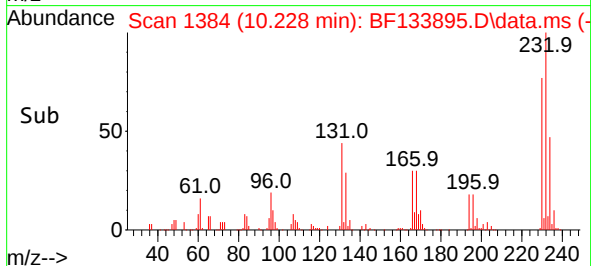
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



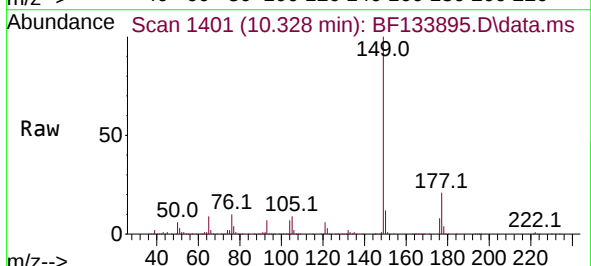
Tgt Ion:232 Resp: 173054
Ion Ratio Lower Upper
232 100
131 48.8 38.0 57.0
130 2.3 1.8 2.8
166 31.3 24.2 36.4

Manual Integrations
APPROVED

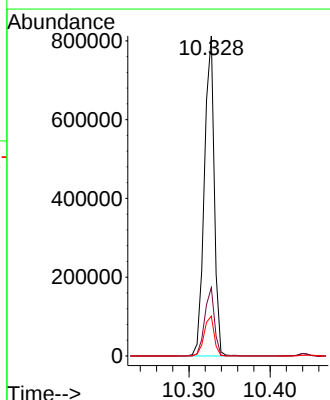
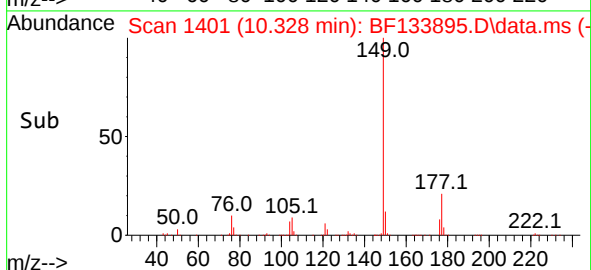
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

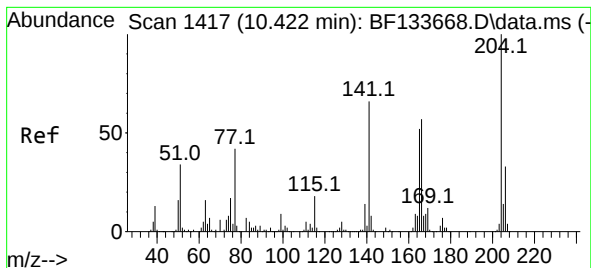


#60
Diethylphthalate
Concen: 48.146 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



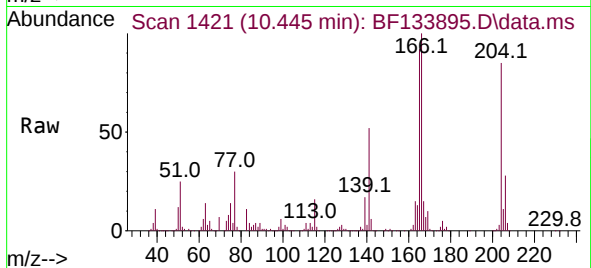
Tgt Ion:149 Resp: 684690
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.204 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

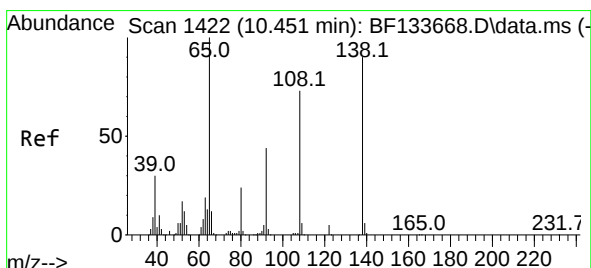
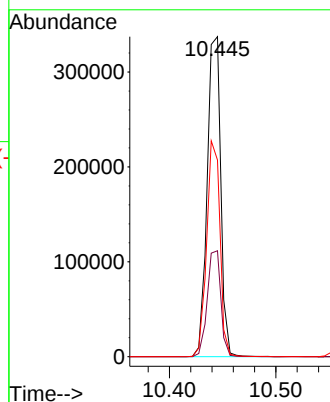
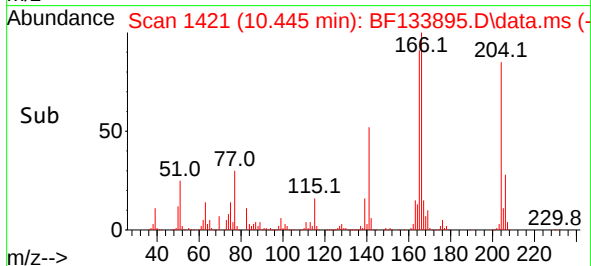
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



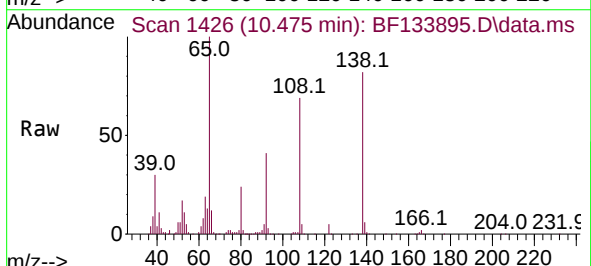
Tgt Ion:204 Resp: 300021
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 61.4 52.8 79.2

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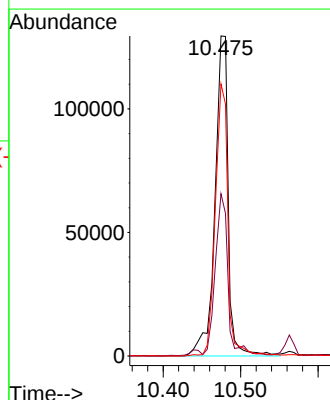
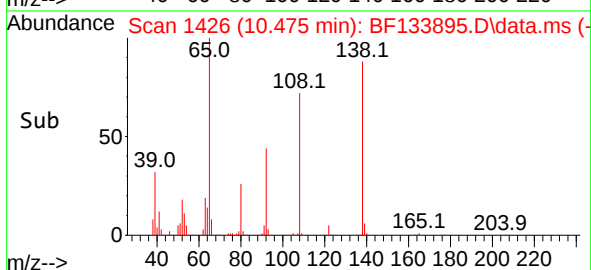
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

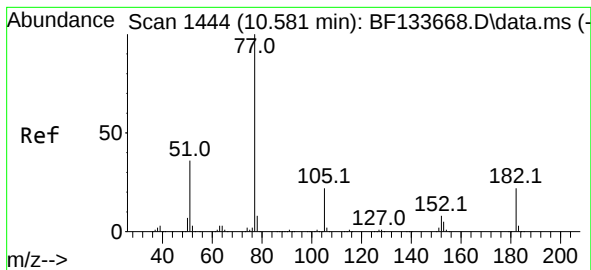


#62
4-Nitroaniline
Concen: 44.917 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



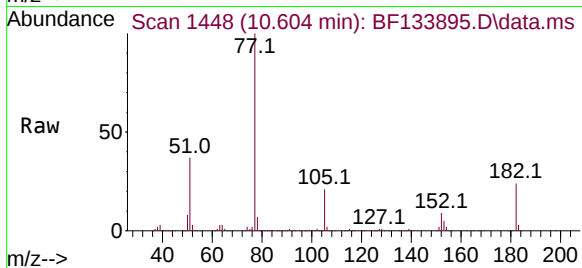
Tgt Ion:138 Resp: 154572
Ion Ratio Lower Upper
138 100
92 50.7 28.9 68.9
108 85.0 61.0 101.0





#63
Azobenzene
Concen: 47.520 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

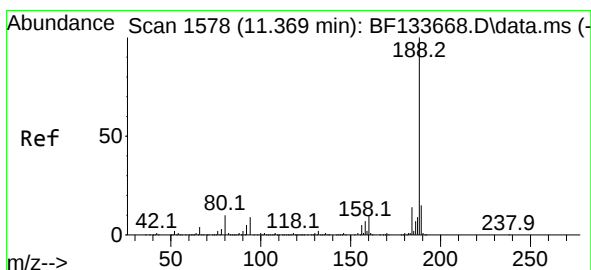
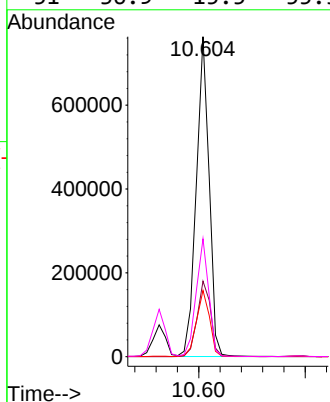
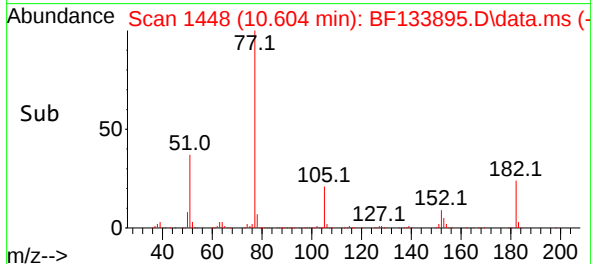
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



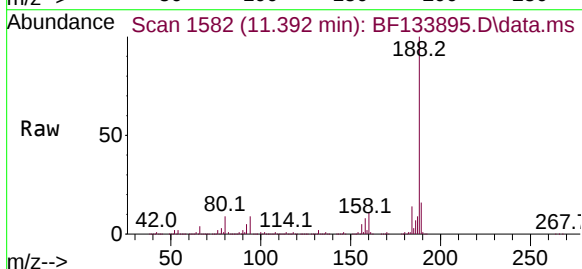
Tgt Ion: 77 Resp: 63974
Ion Ratio Lower Upper
77 100
182 23.6 1.6 41.6
105 20.7 1.6 41.6
51 36.9 15.5 55.5

Manual Integrations
APPROVED

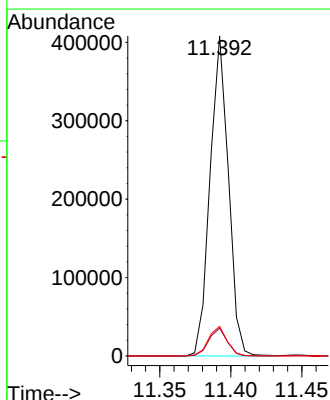
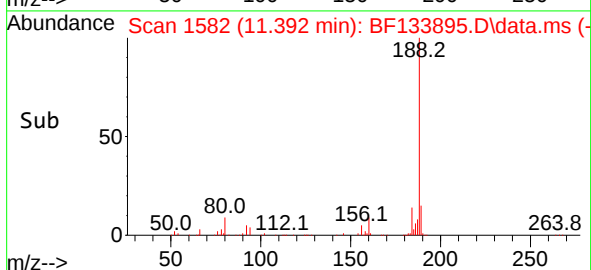
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

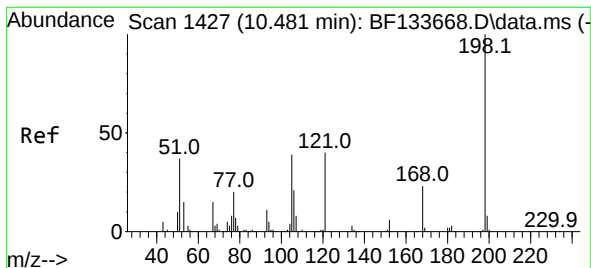


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



Tgt Ion:188 Resp: 366896
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.3 7.8 11.6





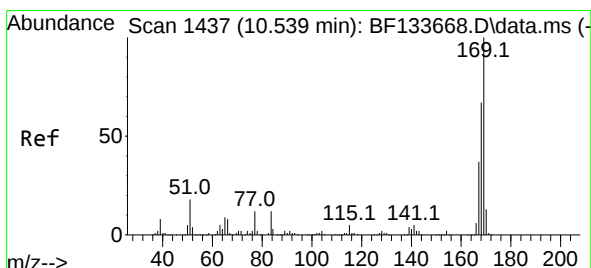
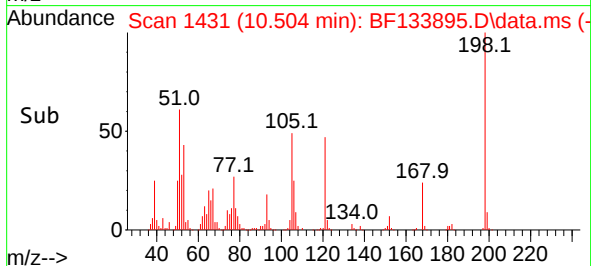
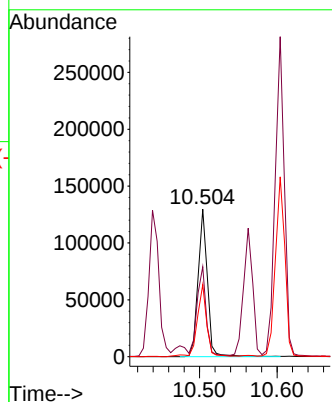
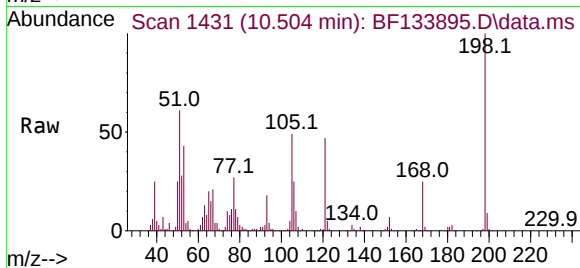
#65
4,6-Dinitro-2-methylphenol
Concen: 61.961 ng
RT: 10.504 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion:198 Resp: 108630
Ion Ratio Lower Upper
198 100
51 60.9 27.5 67.5
105 48.8 21.0 61.0

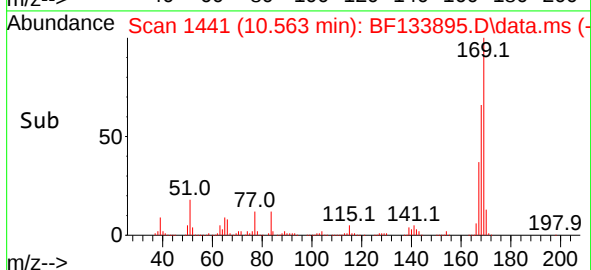
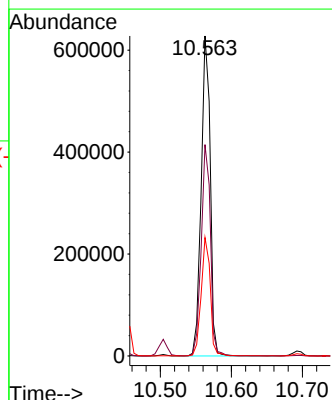
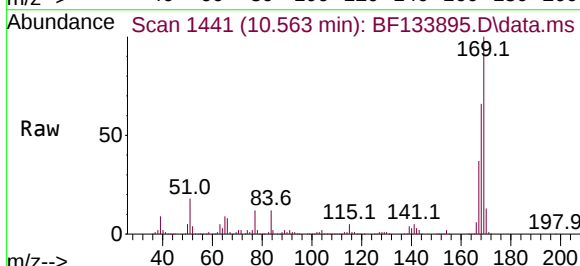
Manual Integrations
APPROVED

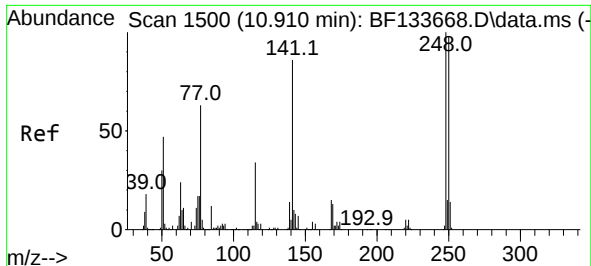
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#66
n-Nitrosodiphenylamine
Concen: 45.245 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

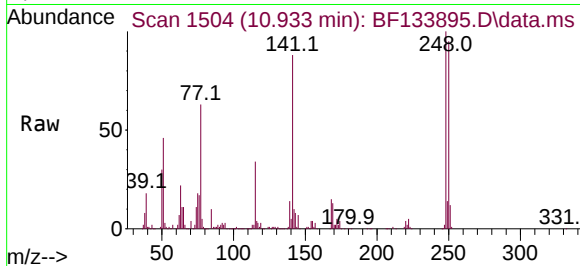
Tgt Ion:169 Resp: 557602
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 45.933 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

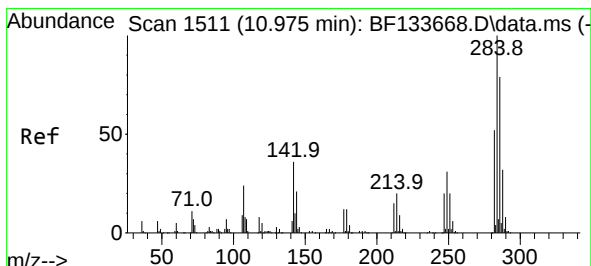
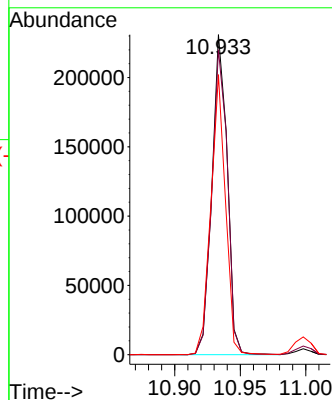
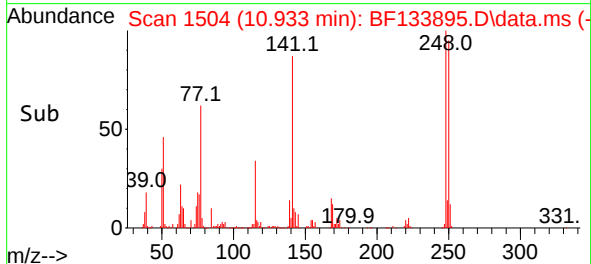
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:248 Resp: 188090
Ion Ratio Lower Upper
248 100
250 95.3 78.3 117.5
141 87.5 69.0 103.6

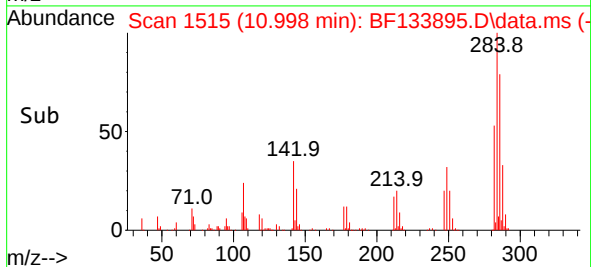
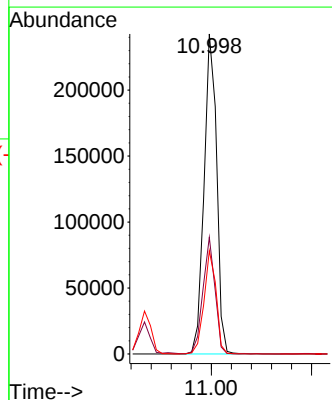
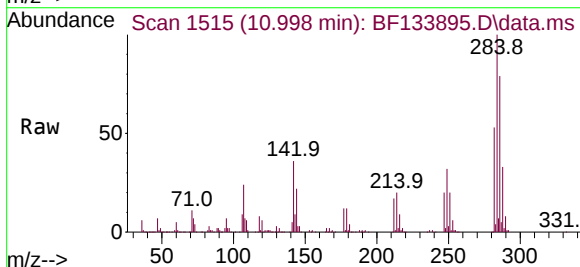
Manual Integrations
APPROVED

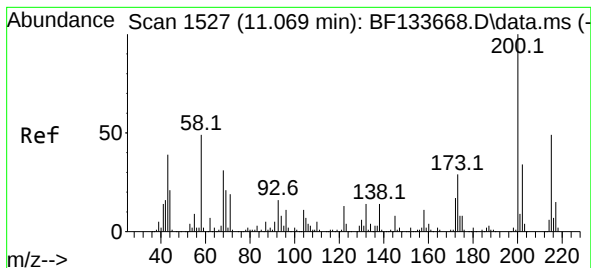
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#68
Hexachlorobenzene
Concen: 49.356 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:284 Resp: 212542
Ion Ratio Lower Upper
284 100
142 36.4 28.6 42.8
249 32.2 24.6 36.8





#69

Atrazine

Concen: 51.583 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD

Tgt Ion:200 Resp: 18445

Ion Ratio Lower Upper

200 100

173 26.9 8.7 48.7

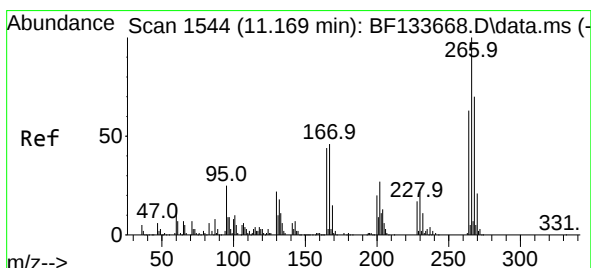
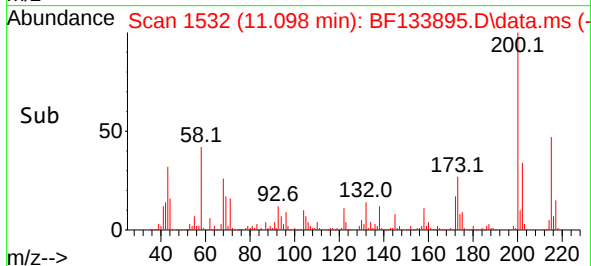
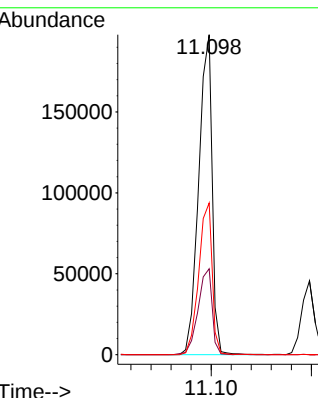
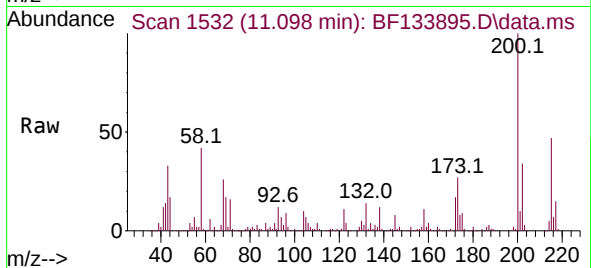
215 47.4 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#70

Pentachlorophenol

Concen: 85.086 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

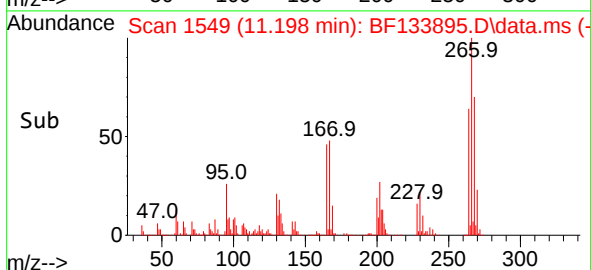
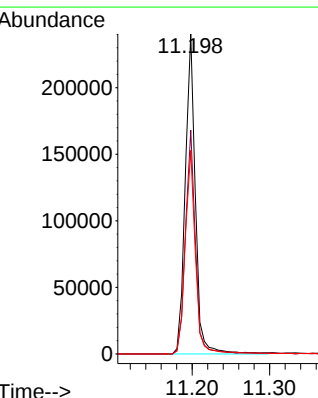
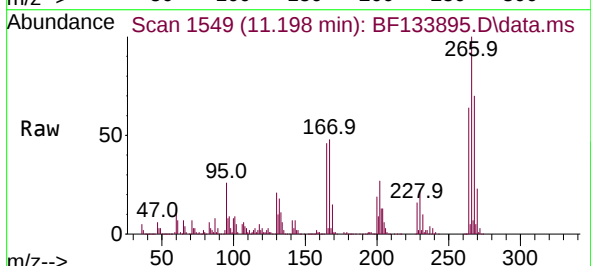
Tgt Ion:266 Resp: 219405

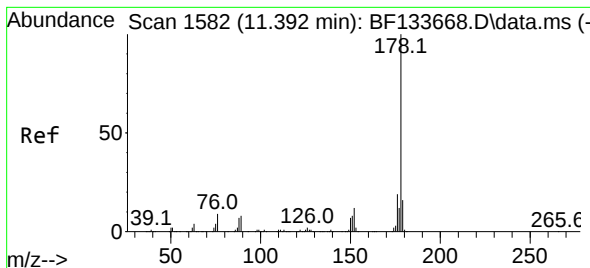
Ion Ratio Lower Upper

266 100

268 70.0 55.7 83.5

264 63.6 50.7 76.1





#71

Phenanthrene

Concen: 47.858 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD

Tgt Ion:178 Resp: 89085

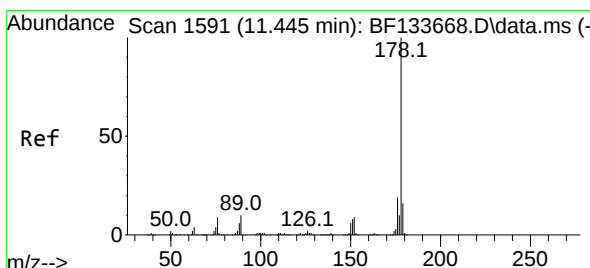
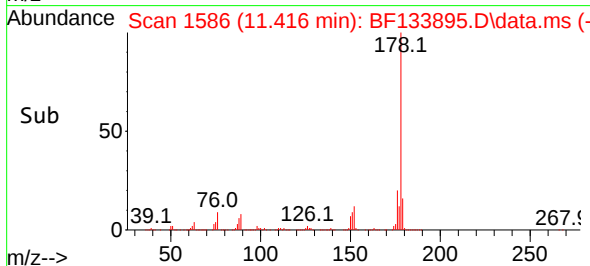
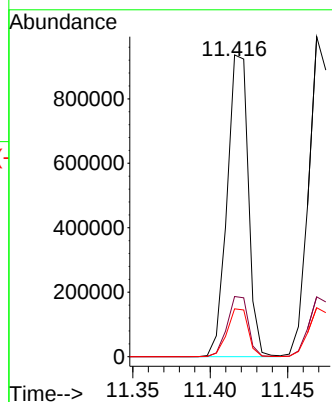
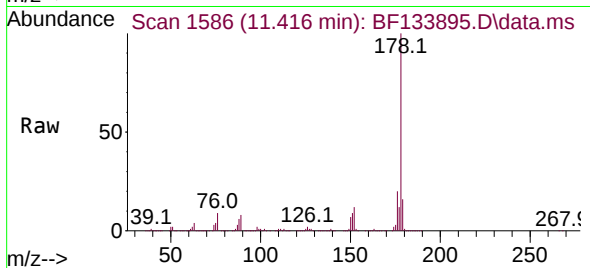
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.9	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#72

Anthracene

Concen: 47.715 ng

RT: 11.469 min Scan# 1595

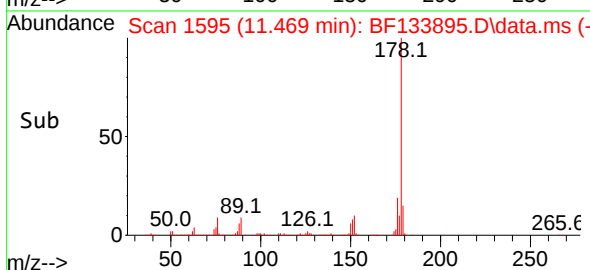
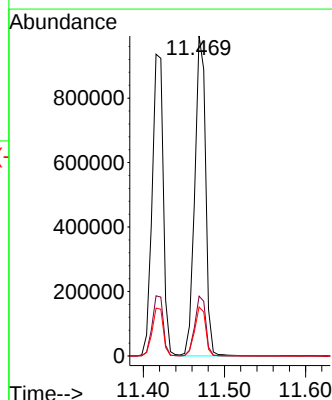
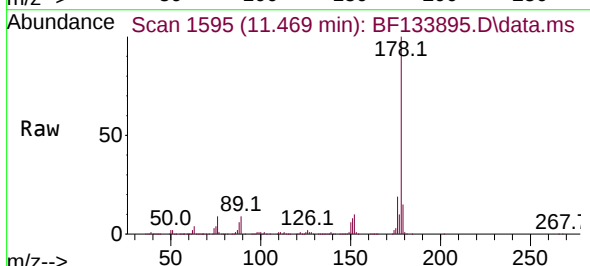
Delta R.T. -0.006 min

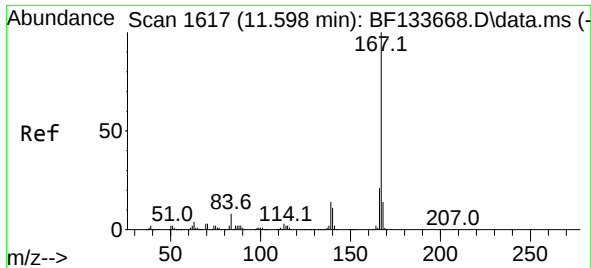
Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

Tgt Ion:178 Resp: 926107

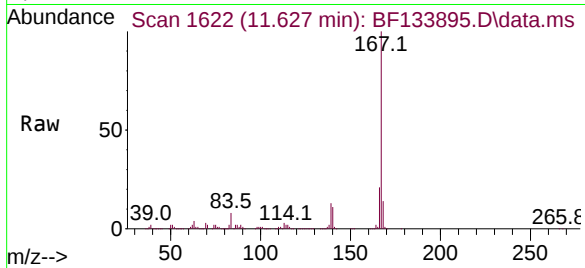
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.6	18.8





#73
Carbazole
Concen: 47.744 ng
RT: 11.627 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

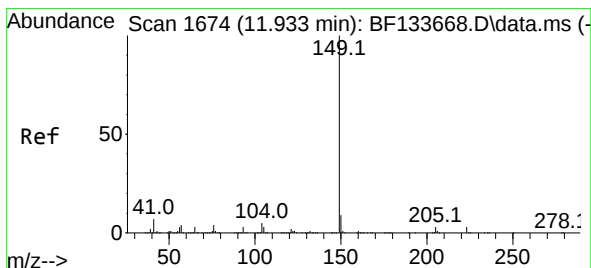
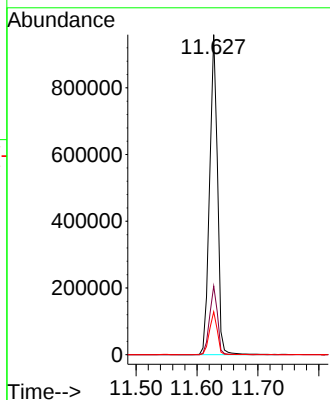
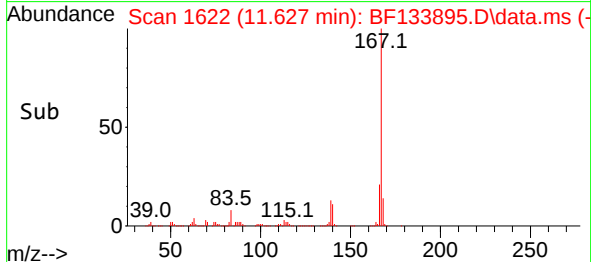
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



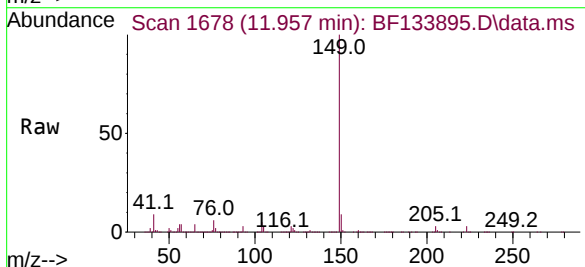
Tgt Ion:167 Resp: 863069
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.4 11.2 16.8

Manual Integrations
APPROVED

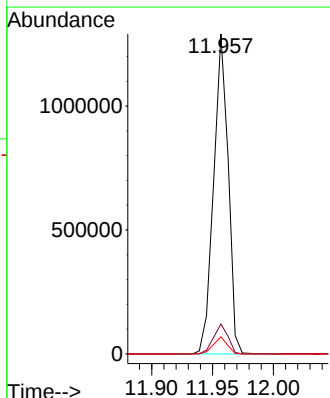
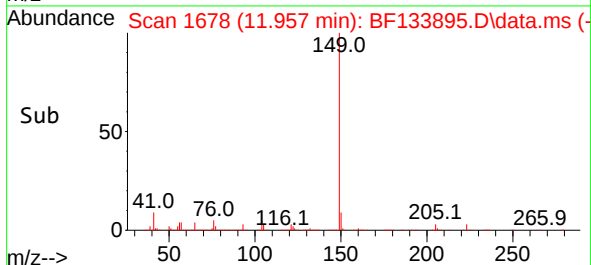
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

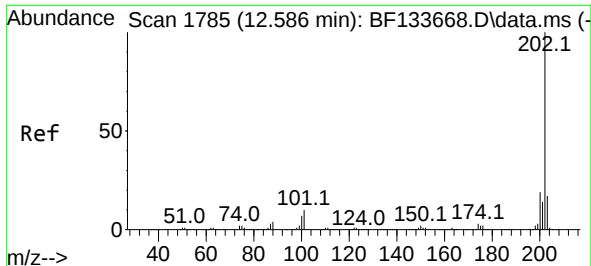


#74
Di-n-butylphthalate
Concen: 46.211 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



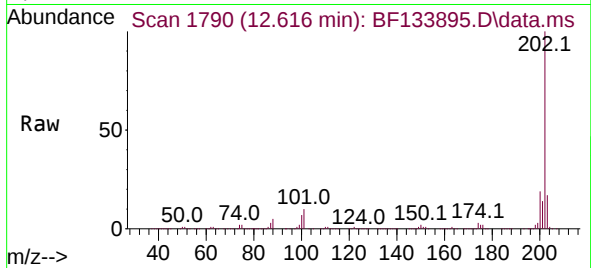
Tgt Ion:149 Resp: 1070928
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 48.931 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

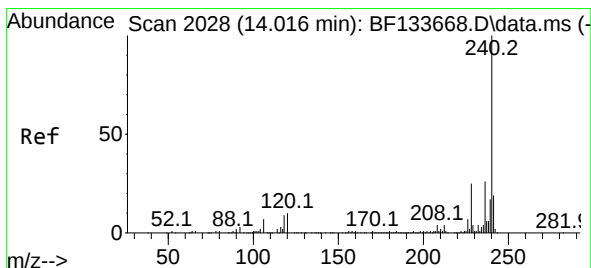
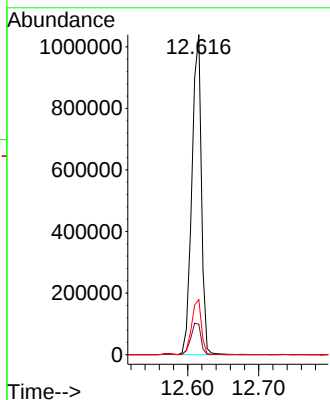
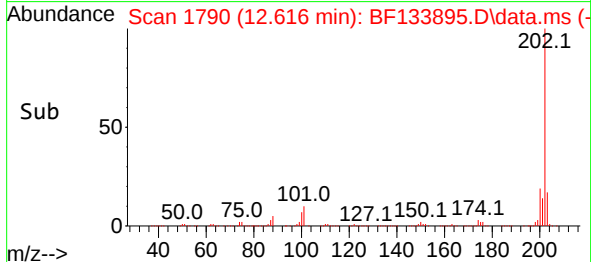
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



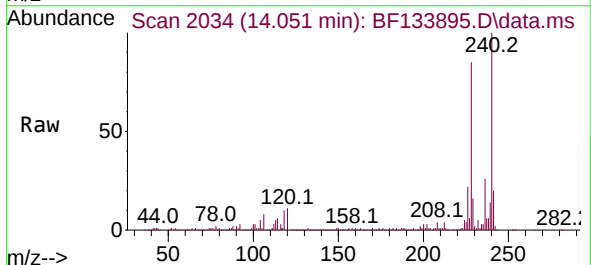
Tgt Ion:202 Resp: 967238
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.6
203 17.2 0.0 37.4

Manual Integrations
APPROVED

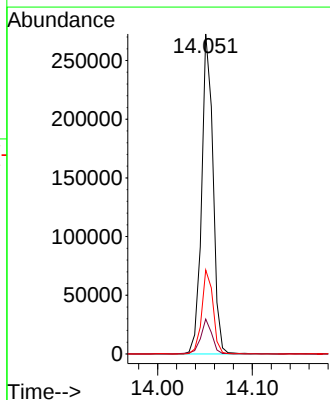
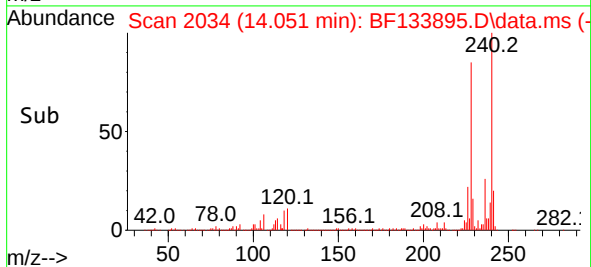
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

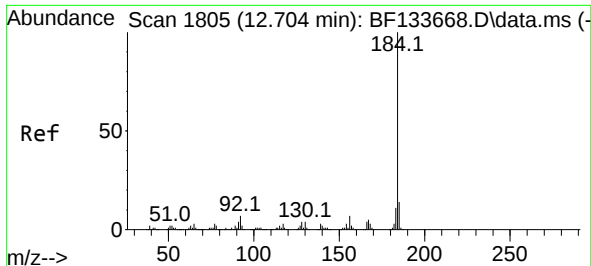


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



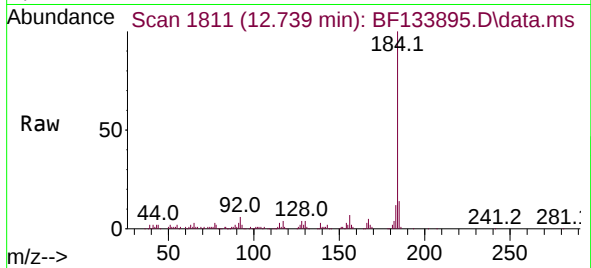
Tgt Ion:240 Resp: 228057
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.2 20.5 30.7





#77
Benzidine
Concen: 11.752 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

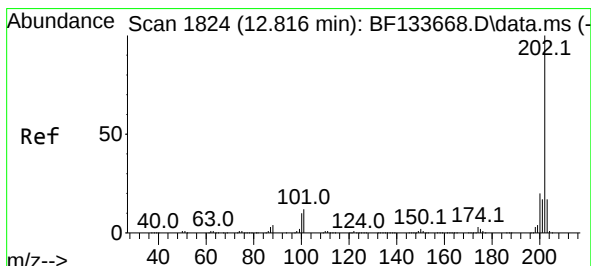
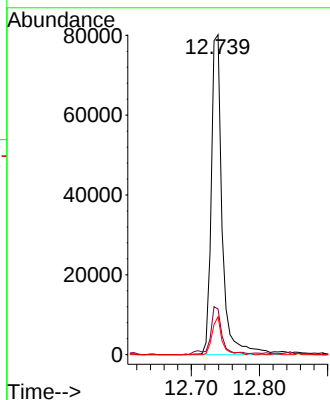
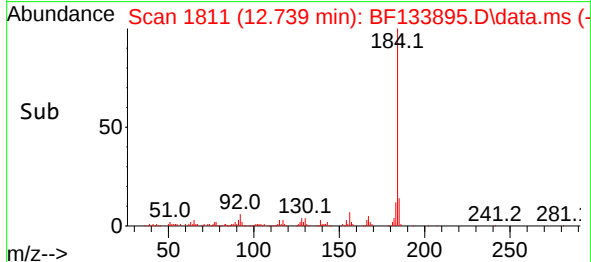
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



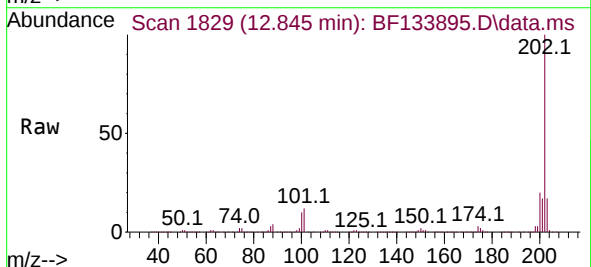
Tgt Ion:184 Resp: 8993
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.9 8.4 12.6

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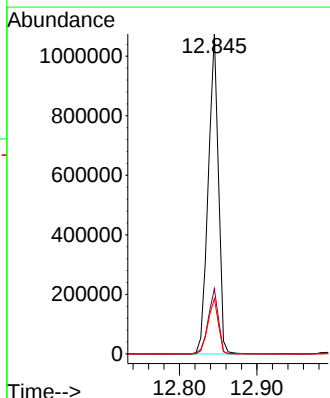
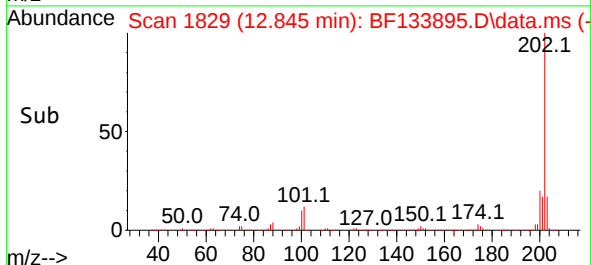
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#78
Pyrene
Concen: 46.111 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



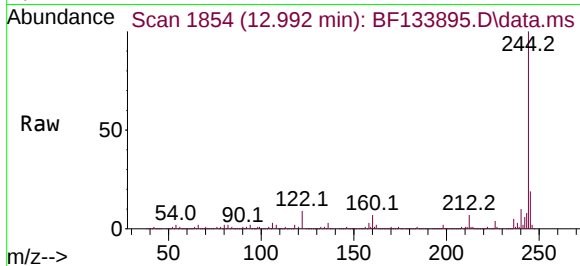
Tgt Ion:202 Resp: 979609
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 89.389 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133895.D
 Acq: 22 Jun 2023 11:47

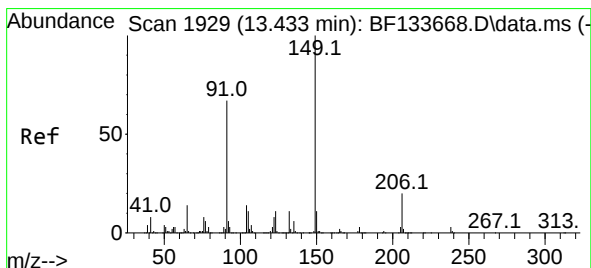
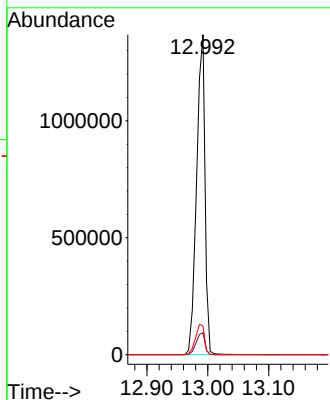
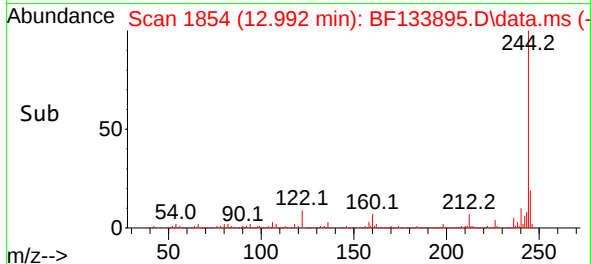
Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09MSD



Tgt Ion:244 Resp: 1317472
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.0 8.1 12.1

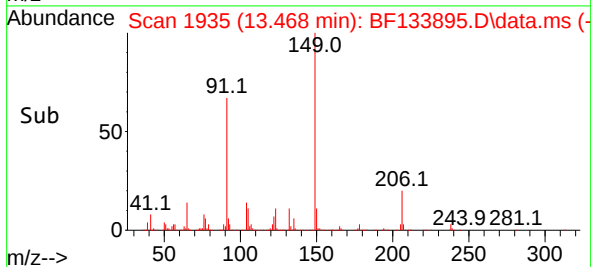
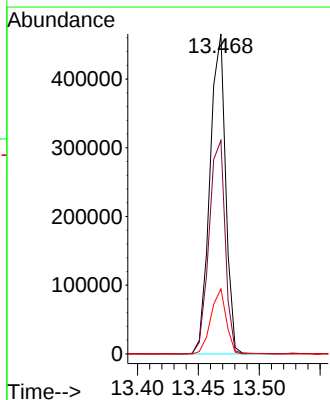
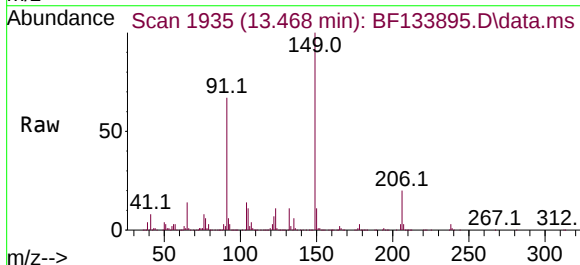
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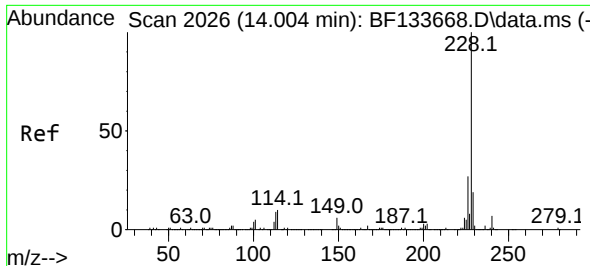
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#80
 Butylbenzylphthalate
 Concen: 46.546 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF133895.D
 Acq: 22 Jun 2023 11:47

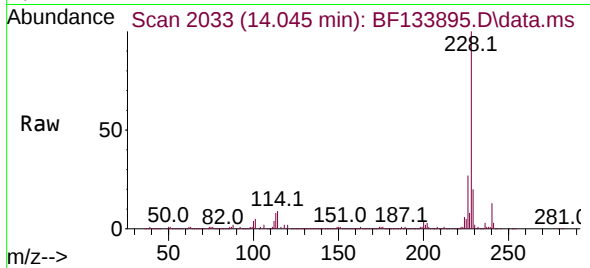
Tgt Ion:149 Resp: 417456
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.0 81.0
 206 20.3 15.6 23.4





#81
Benzo(a)anthracene
Concen: 47.315 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

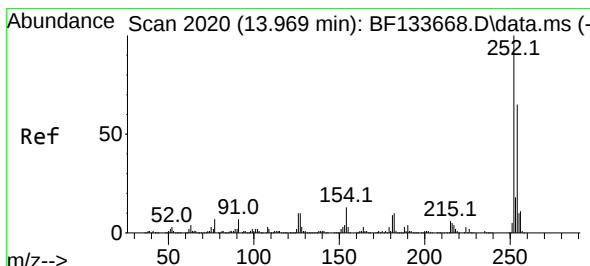
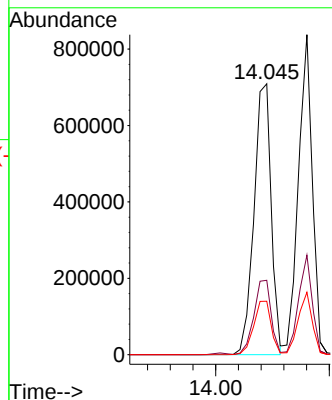
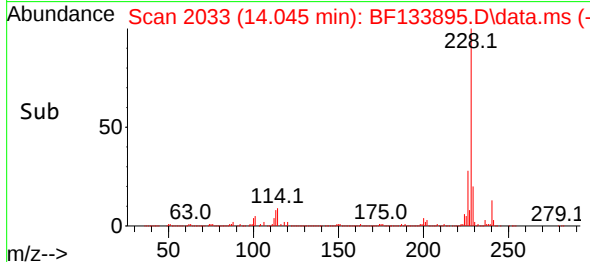
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



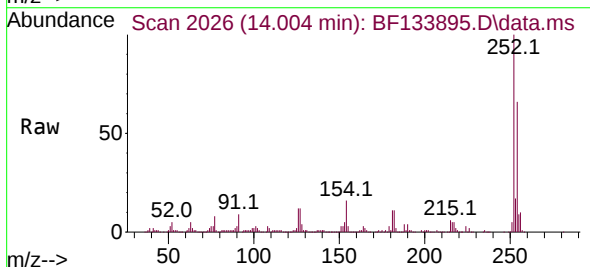
Tgt Ion:228 Resp: 746389
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.8 15.4 23.2

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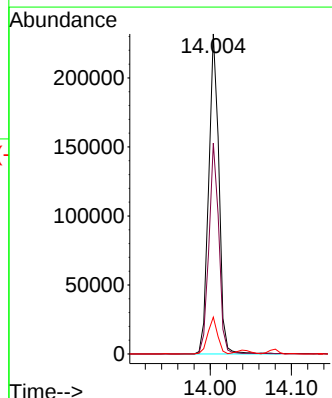
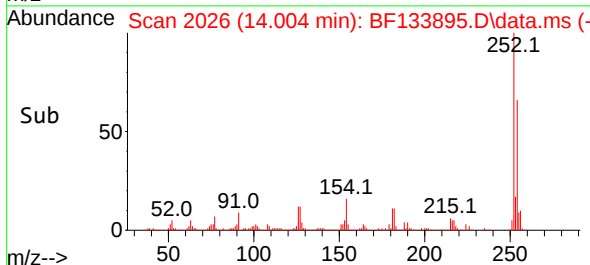
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

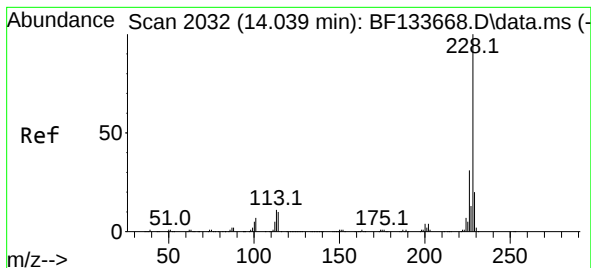


#82
3,3'-Dichlorobenzidine
Concen: 38.522 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47



Tgt Ion:252 Resp: 202030
Ion Ratio Lower Upper
252 100
254 65.9 51.9 77.9
126 11.5 7.7 11.5





#83

Chrysene

Concen: 48.190 ng

RT: 14.080 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF133895.D

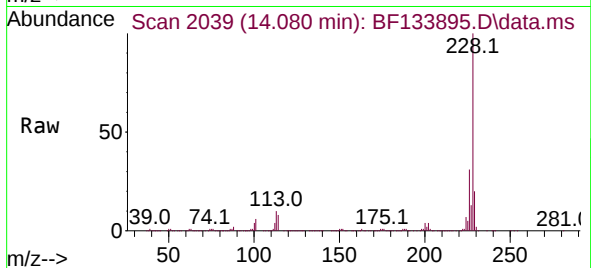
Acq: 22 Jun 2023 11:47

Instrument :

BNA_F

ClientSampleId :

OR-402-COMP-09MSD



Tgt Ion:228 Resp: 718999

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

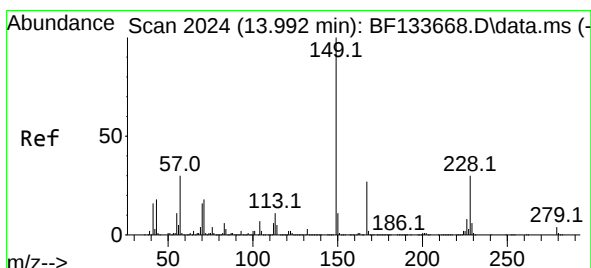
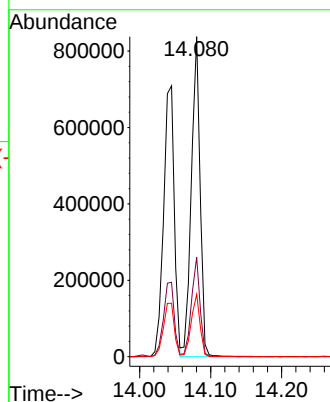
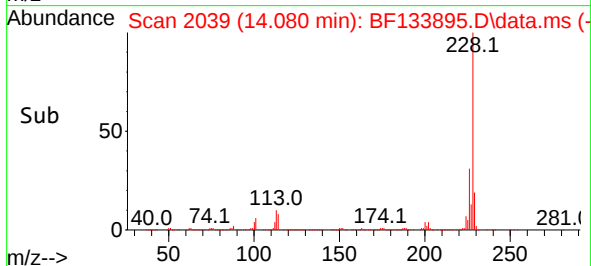
229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.029 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF133895.D

Acq: 22 Jun 2023 11:47

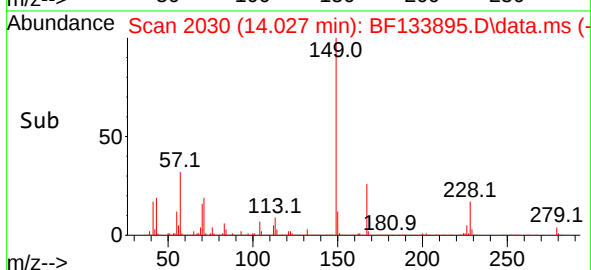
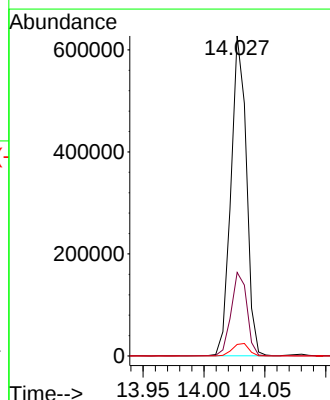
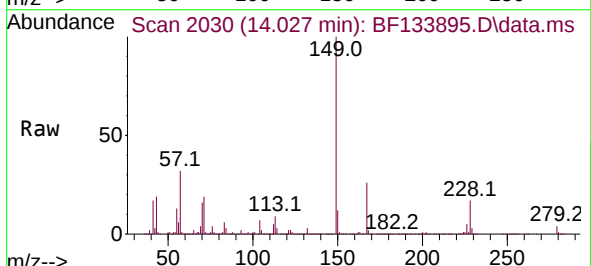
Tgt Ion:149 Resp: 552473

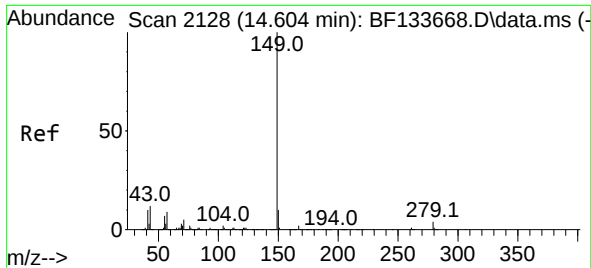
Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.8

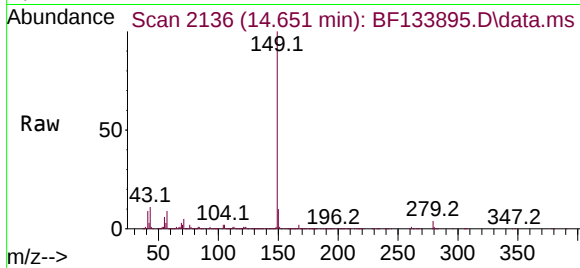
279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 56.008 ng
RT: 14.651 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

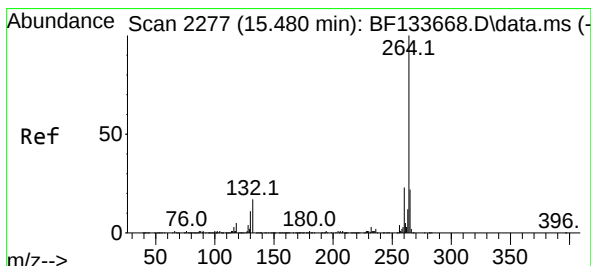
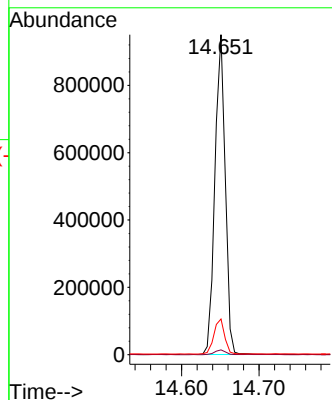
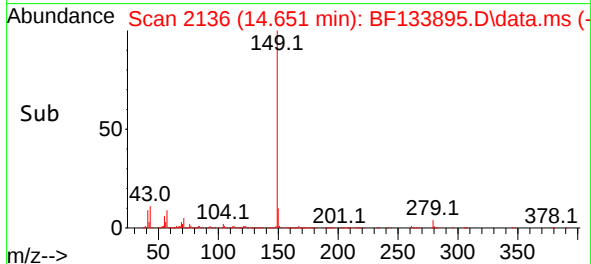
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:149 Resp: 878919
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.4 8.7 13.1

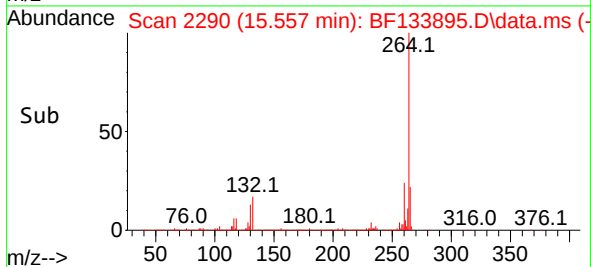
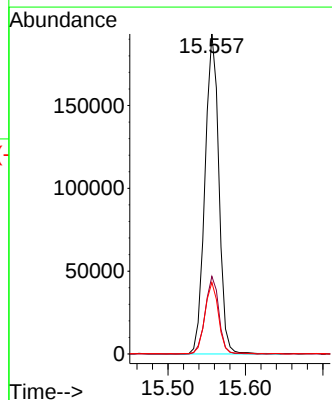
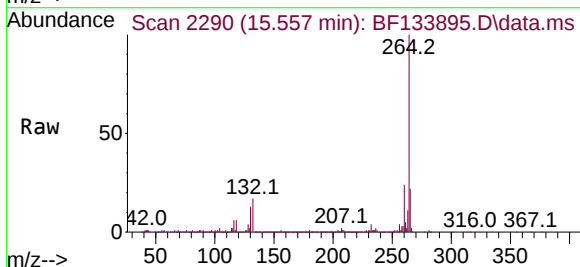
Manual Integrations
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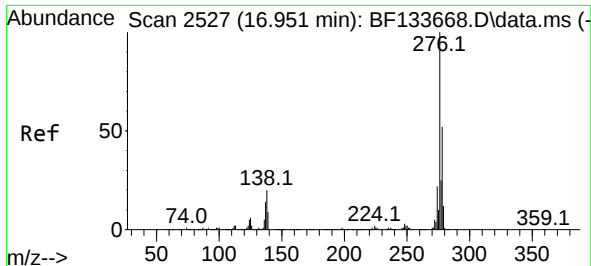
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

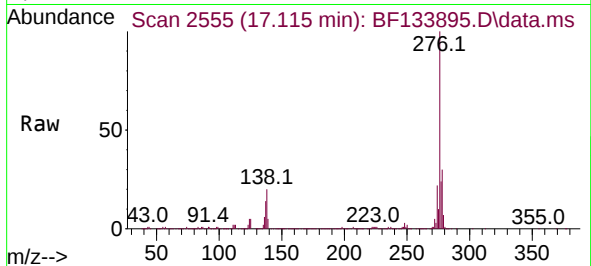
Tgt Ion:264 Resp: 240459
Ion Ratio Lower Upper
264 100
260 24.3 18.2 27.2
265 22.3 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.544 ng
RT: 17.115 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

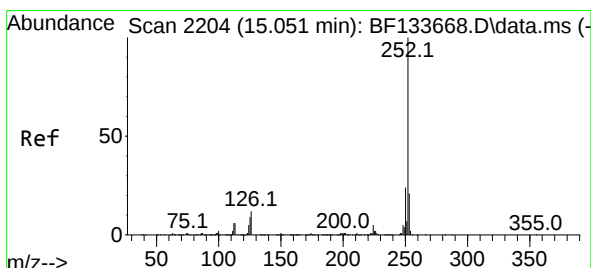
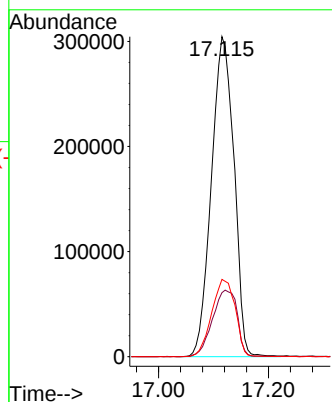
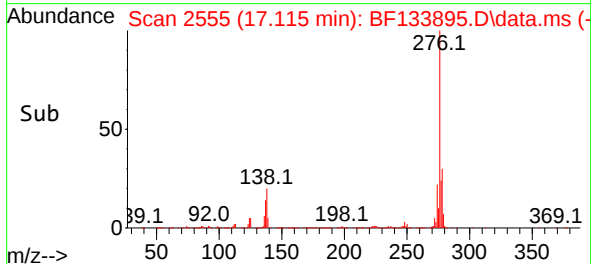
Instrument :
BNA_F
ClientSampleId :
OR-402-COMP-09MSD



Tgt Ion:276 Resp: 869235
Ion Ratio Lower Upper
276 100
138 22.7 17.9 26.9
277 25.2 20.3 30.5

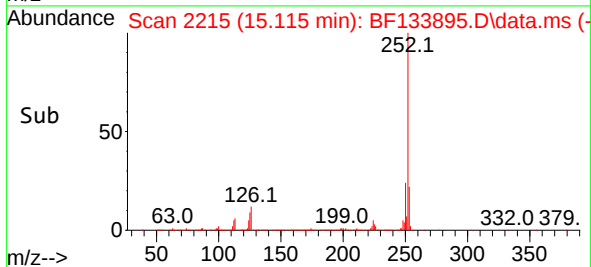
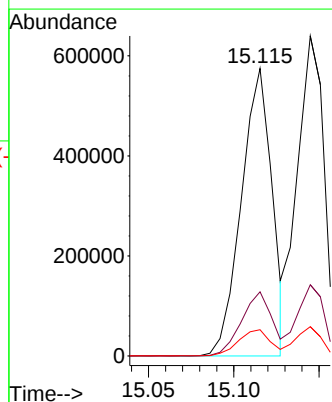
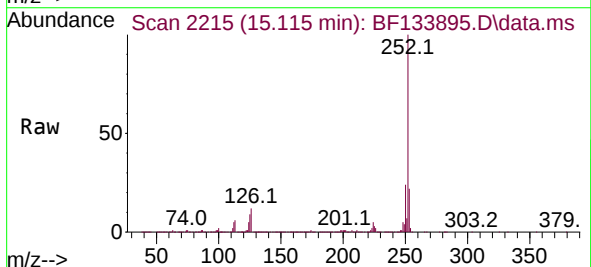
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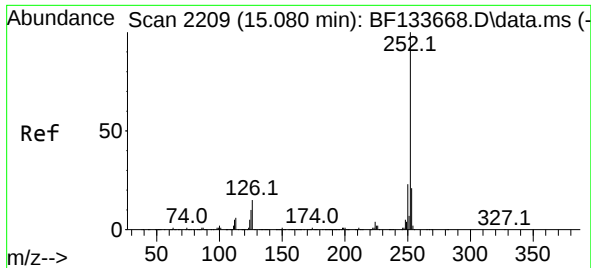
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#88
Benzo(b)fluoranthene
Concen: 49.382 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:252 Resp: 721316
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 9.1 7.3 10.9





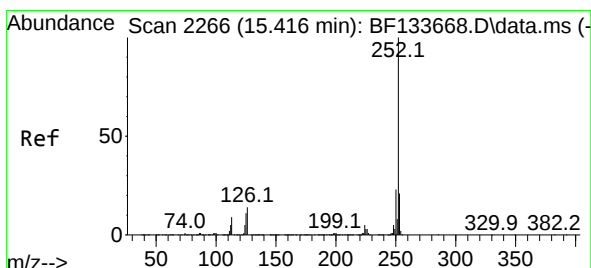
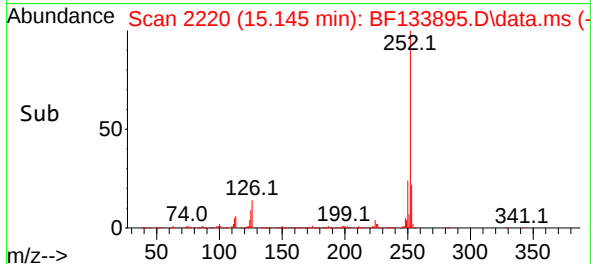
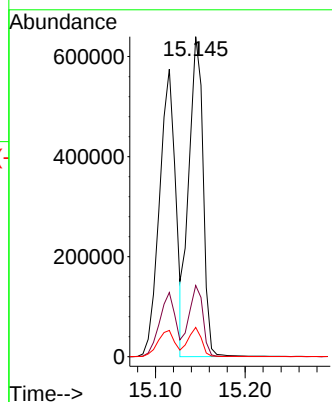
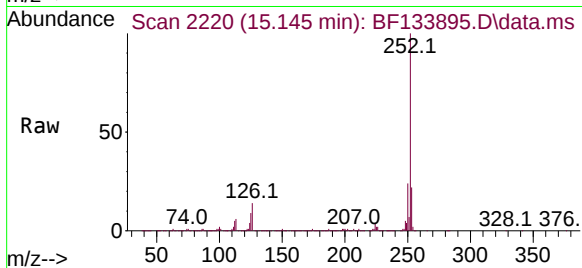
#89
Benzo(k)fluoranthene
Concen: 49.566 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion:252 Resp: 705264
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.2 7.8 11.6

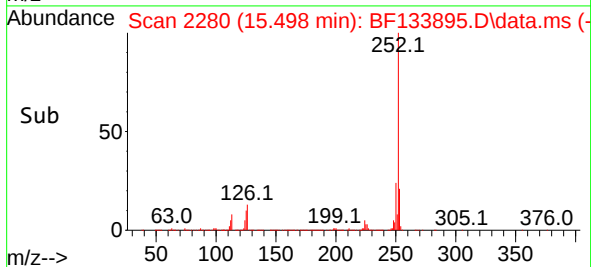
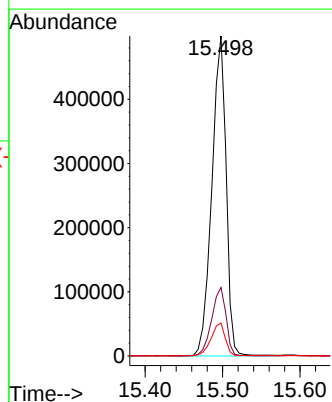
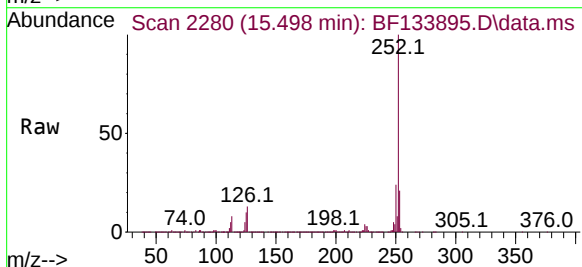
Manual Integrations
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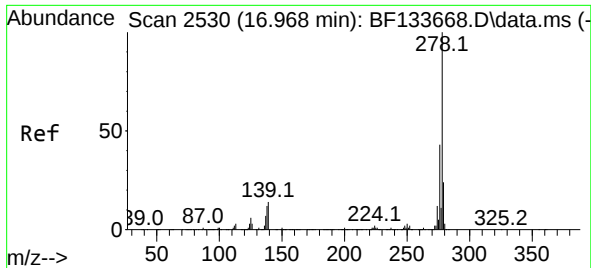
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(a)pyrene
Concen: 47.167 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:252 Resp: 639416
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 10.3 8.6 13.0





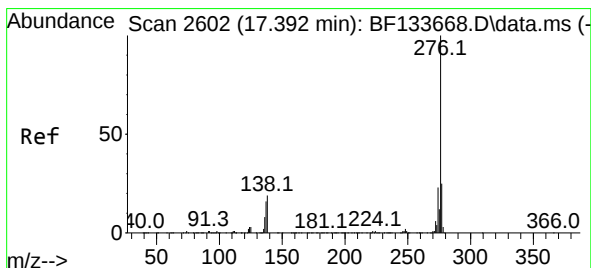
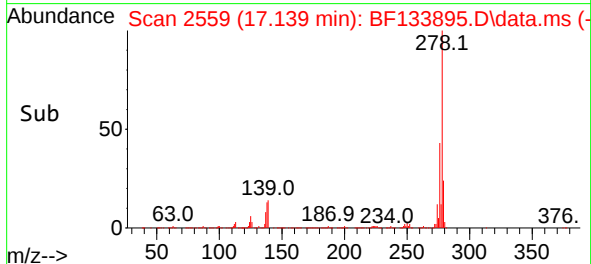
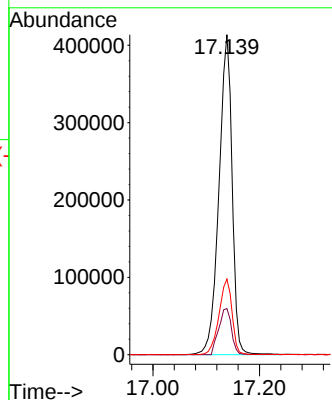
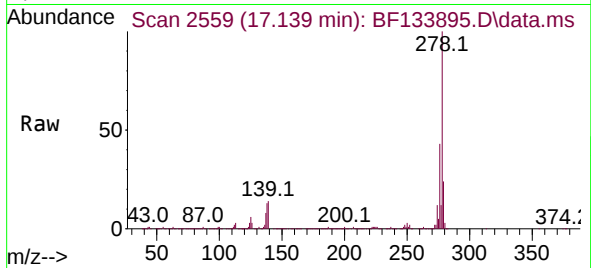
#91
Dibenzo(a,h)anthracene
Concen: 51.701 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

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

Tgt Ion:278 Resp: 708070
Ion Ratio Lower Upper
278 100
139 14.4 11.4 17.2
279 23.6 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 52.246 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF133895.D
Acq: 22 Jun 2023 11:47

Tgt Ion:276 Resp: 709443
Ion Ratio Lower Upper
276 100
277 23.5 19.8 29.8
138 20.0 15.0 22.4

