

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135167.D
 Acq On : 11 Sep 2023 17:08
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 00:20:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101884	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	407915	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	211148	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	400396	20.000	ng	0.00
76) Chrysene-d12	13.951	240	216512	20.000	ng	0.00
86) Perylene-d12	15.409	264	210063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	492694	78.652	ng	0.00
7) Phenol-d6	6.404	99	623386	78.263	ng	0.00
23) Nitrobenzene-d5	7.334	82	598360	79.694	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	168140	80.132	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1067192	76.254	ng	0.00
79) Terphenyl-d14	12.892	244	1064284	76.201	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	111791	40.709	ng	97
3) Pyridine	3.210	79	301967	40.857	ng	97
4) n-Nitrosodimethylamine	3.181	42	160244	40.858	ng	98
6) Aniline	6.434	93	409861	39.239	ng	99
8) 2-Chlorophenol	6.551	128	265154	39.652	ng	100
9) Benzaldehyde	6.322	77	171743	37.848	ng	97
10) Phenol	6.422	94	345945	39.608	ng	99
11) bis(2-Chloroethyl)ether	6.510	93	258889	39.515	ng	99
12) 1,3-Dichlorobenzene	6.704	146	267788	39.404	ng	97
13) 1,4-Dichlorobenzene	6.781	146	271433	39.257	ng	98
14) 1,2-Dichlorobenzene	6.934	146	250291	38.980	ng	98
15) Benzyl Alcohol	6.910	79	227339	39.774	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	482932	39.106	ng	99
17) 2-Methylphenol	7.022	107	234076	39.667	ng	99
18) Hexachloroethane	7.275	117	100908	39.498	ng	95
19) n-Nitroso-di-n-propyla...	7.186	70	189467	38.403	ng	99
20) 3+4-Methylphenols	7.181	107	276254	38.932	ng	97
22) Acetophenone	7.181	105	362664	38.887	ng	98
24) Nitrobenzene	7.351	77	291667	39.303	ng	99
25) Isophorone	7.592	82	537084	38.956	ng	100
26) 2-Nitrophenol	7.663	139	144973	40.703	ng	98
27) 2,4-Dimethylphenol	7.704	122	236051	39.429	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	322363	39.065	ng	99
29) 2,4-Dichlorophenol	7.904	162	220705	39.785	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	227361	39.211	ng	98
31) Naphthalene	8.069	128	781106	39.411	ng	99
32) Benzoic acid	7.833	122	191635m	42.509	ng	
33) 4-Chloroaniline	8.122	127	342623	39.402	ng	99
34) Hexachlorobutadiene	8.181	225	137774	39.406	ng	99
35) Caprolactam	8.498	113	73565	39.512	ng	96
36) 4-Chloro-3-methylphenol	8.604	107	243950	39.566	ng	99
37) 2-Methylnaphthalene	8.757	142	521776	39.165	ng	97
38) 1-Methylnaphthalene	8.857	142	483062	38.728	ng	98
40) 1,2,4,5-Tetrachloroben...	8.928	216	242623	39.663	ng	99
41) Hexachlorocyclopentadiene	8.910	237	92129	38.409	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	159199	39.749	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	182312	39.527	ng	99
46) 1,1'-Biphenyl	9.228	154	627527	38.673	ng	98
47) 2-Chloronaphthalene	9.251	162	455969	38.729	ng	98
48) 2-Nitroaniline	9.351	65	182413	39.882	ng	99
49) Acenaphthylene	9.663	152	767622	39.232	ng	100
50) Dimethylphthalate	9.533	163	551000	38.597	ng	100
51) 2,6-Dinitrotoluene	9.598	165	123480	39.484	ng	# 82
52) Acenaphthene	9.839	154	449653	38.902	ng	97
53) 3-Nitroaniline	9.763	138	145529	39.643	ng	98
54) 2,4-Dinitrophenol	9.875	184	64127	39.547	ng	97
55) Dibenzofuran	10.010	168	679171	38.505	ng	98
56) 4-Nitrophenol	9.927	139	96768	41.476	ng	98
57) 2,4-Dinitrotoluene	10.004	165	155428	39.699	ng	99
58) Fluorene	10.357	166	524017	38.645	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	144395	40.697	ng	98
60) Diethylphthalate	10.233	149	558238	38.964	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	252346	38.741	ng	99
62) 4-Nitroaniline	10.380	138	141171	40.006	ng	98
63) Azobenzene	10.510	77	549229	39.170	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	92787	43.631	ng	95
66) n-Nitrosodiphenylamine	10.469	169	482993	39.845	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	159476	40.047	ng	99
68) Hexachlorobenzene	10.904	284	163309	40.254	ng	100
69) Atrazine	10.998	200	128739	39.471	ng	99
70) Pentachlorophenol	11.098	266	100885	41.563	ng	98
71) Phenanthrene	11.322	178	748730	39.538	ng	100
72) Anthracene	11.374	178	774733	39.801	ng	99
73) Carbazole	11.527	167	716454	40.433	ng	99
74) Di-n-butylphthalate	11.863	149	840588	40.258	ng	99
75) Fluoranthene	12.510	202	789503	40.011	ng	99
77) Benzidine	12.639	184	153201	34.539	ng	98
78) Pyrene	12.739	202	798299	38.727	ng	100
80) Butylbenzylphthalate	13.368	149	296002	40.785	ng	97
81) Benzo(a)anthracene	13.939	228	546580	39.095	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	170142	38.961	ng	99
83) Chrysene	13.974	228	545861	39.270	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	300833	40.393	ng	99
85) Di-n-octyl phthalate	14.551	149	483870	40.882	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	555134	40.306	ng	99
88) Benzo(b)fluoranthene	14.986	252	445799	39.203	ng	100
89) Benzo(k)fluoranthene	15.015	252	435464	38.767	ng	100
90) Benzo(a)pyrene	15.345	252	427976	39.466	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	454077	40.293	ng	98
92) Benzo(g,h,i)perylene	17.333	276	480639	40.838	ng	99

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



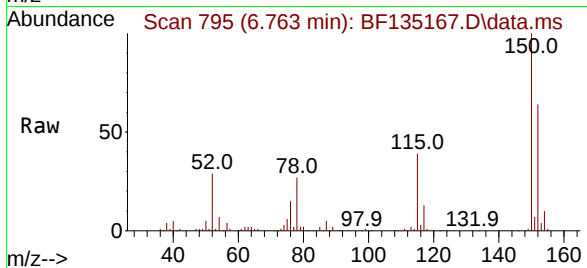
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

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ClientSampleId :

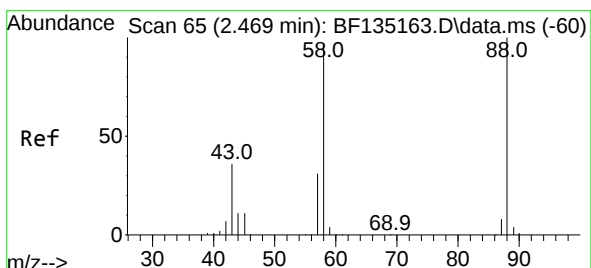
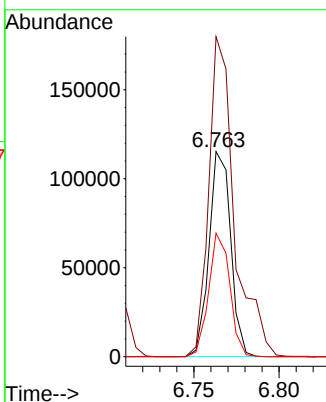
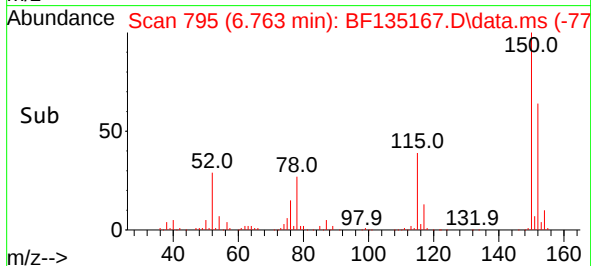
ICVBF091123



Tgt Ion:152 Resp: 101884
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.6
115 60.3 49.8 74.8

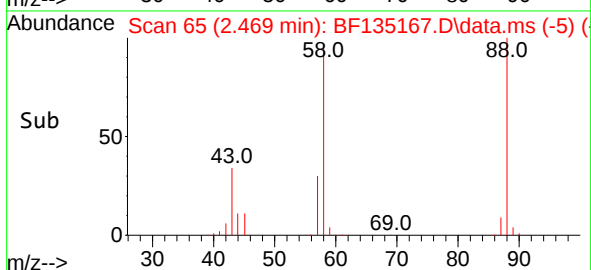
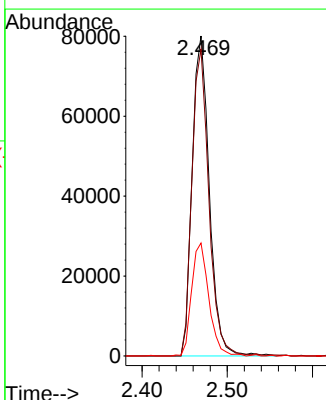
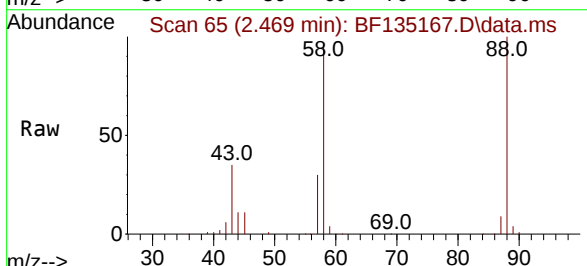
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#2
1,4-Dioxane
Concen: 40.709 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

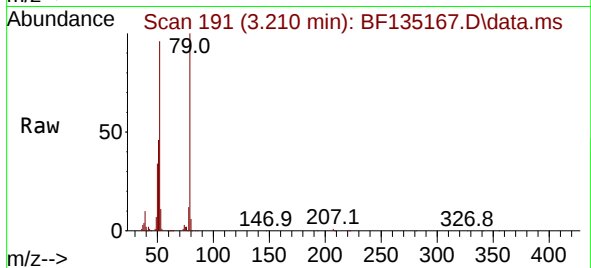
Tgt Ion: 88 Resp: 111791
Ion Ratio Lower Upper
88 100
58 95.0 78.3 117.5
43 35.6 29.4 44.0





#3
Pyridine
Concen: 40.857 ng
RT: 3.210 min Scan# 192
Delta R.T. -0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

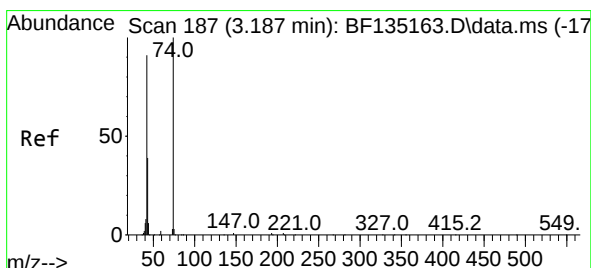
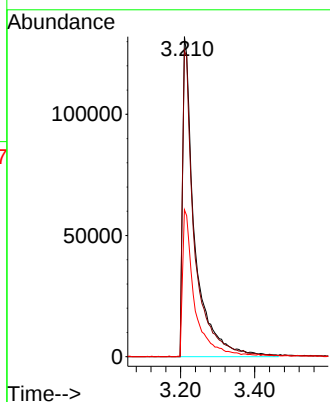
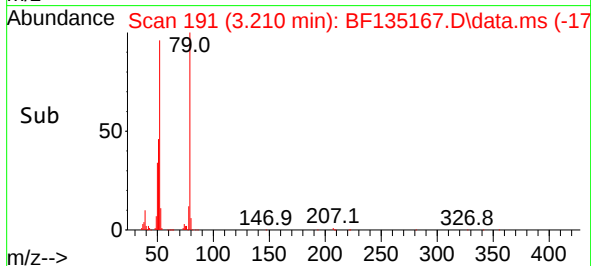
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



Tgt Ion: 79 Resp: 30196
Ion Ratio Lower Upper
79 100
52 95.7 74.1 111.1
51 45.9 35.8 53.8

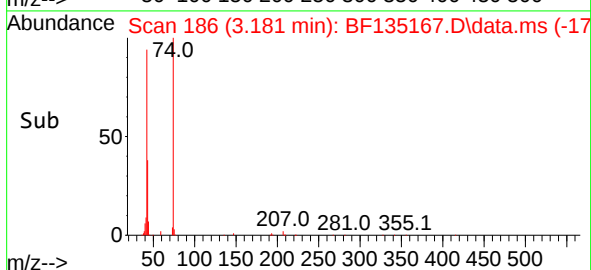
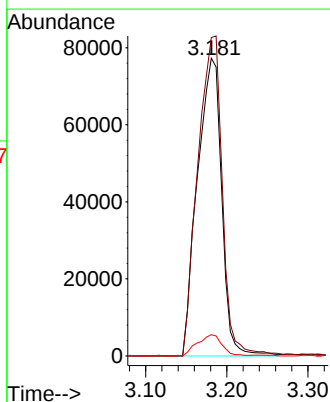
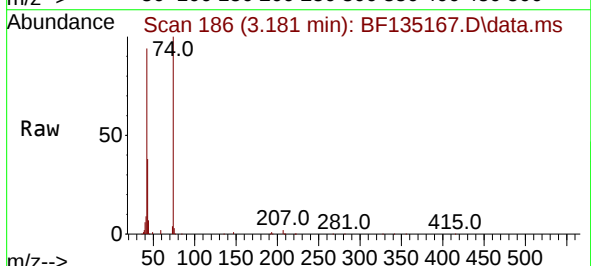
Manual Integrations
APPROVED

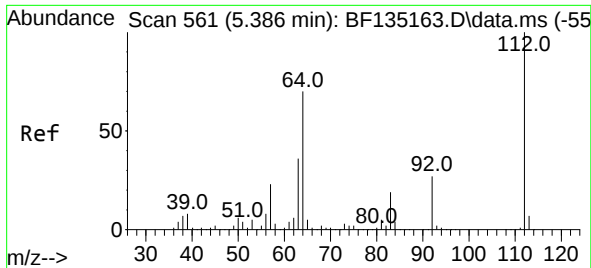
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#4
n-Nitrosodimethylamine
Concen: 40.858 ng
RT: 3.181 min Scan# 186
Delta R.T. -0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion: 42 Resp: 160244
Ion Ratio Lower Upper
42 100
74 106.9 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 78.652 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

Client Sample Id :

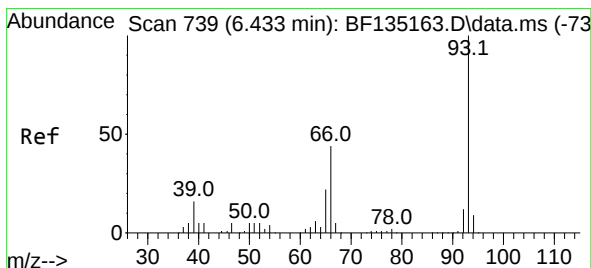
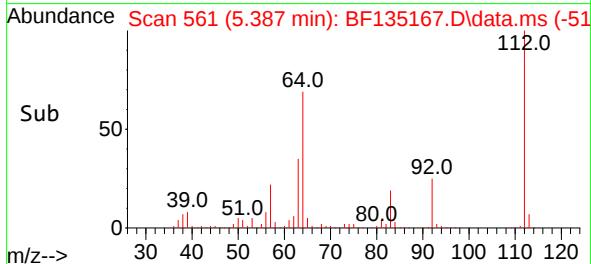
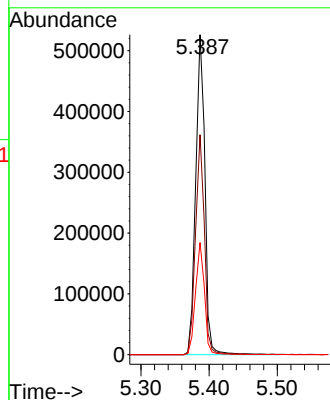
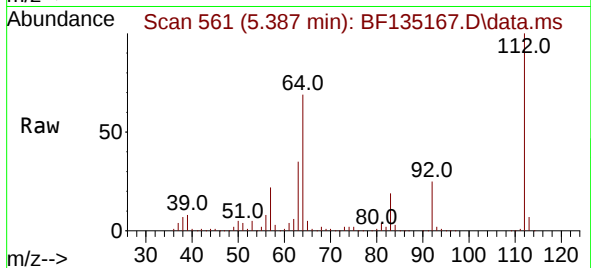
ICVBF091123

Tgt Ion: 112 Resp: 492694
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.1 29.0 43.6

Manual Integrations

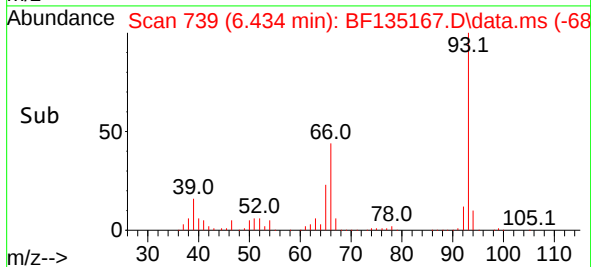
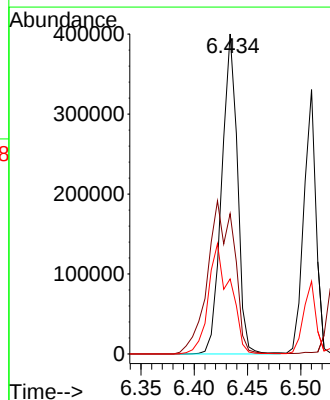
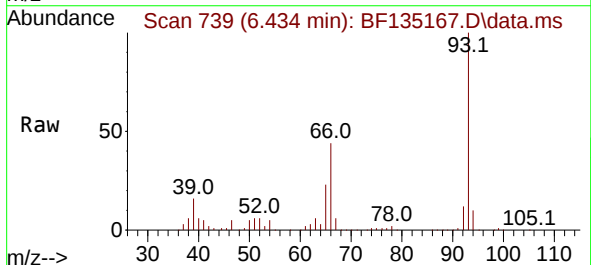
APPROVED

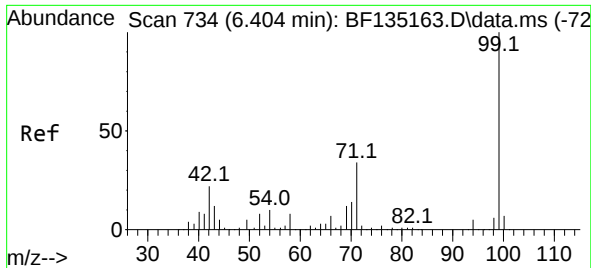
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 39.239 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

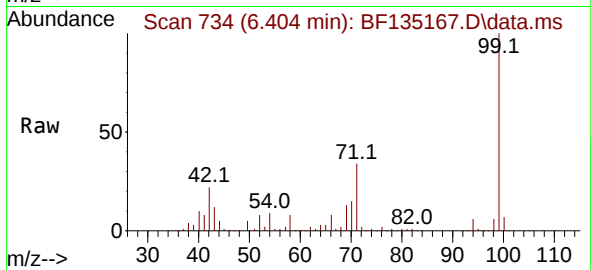
Tgt Ion: 93 Resp: 409861
Ion Ratio Lower Upper
93 100
66 43.9 35.4 53.0
65 23.4 17.8 26.8





#7
Phenol-d6
Concen: 78.263 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

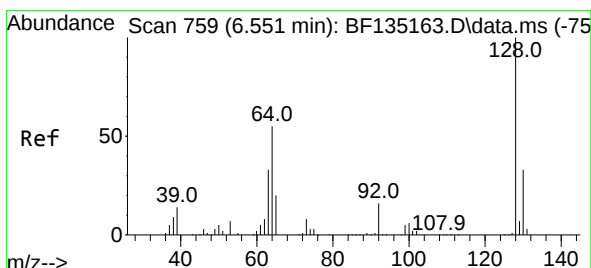
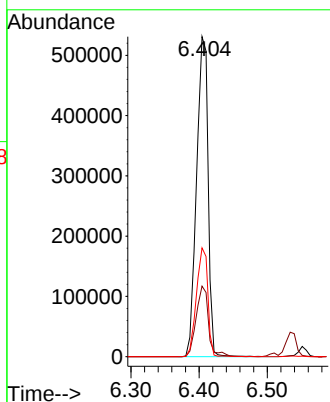
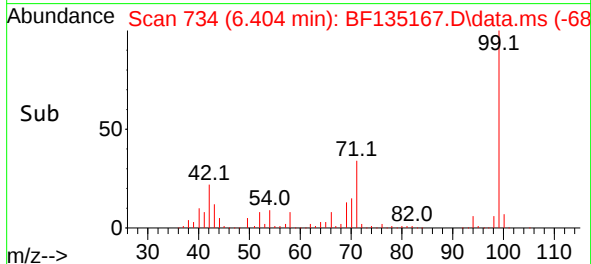
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 62338
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 34.0 27.0 40.6

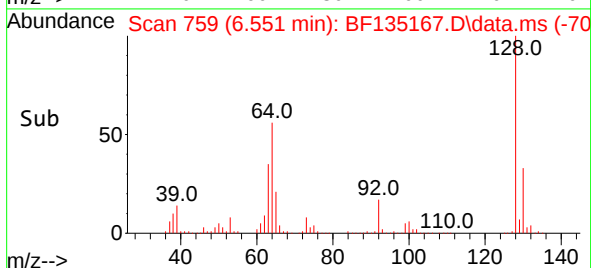
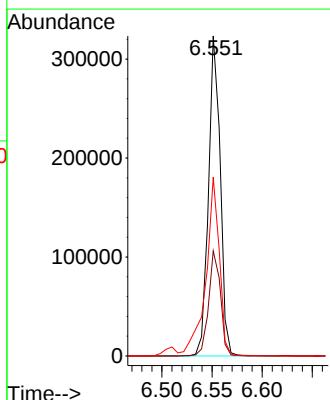
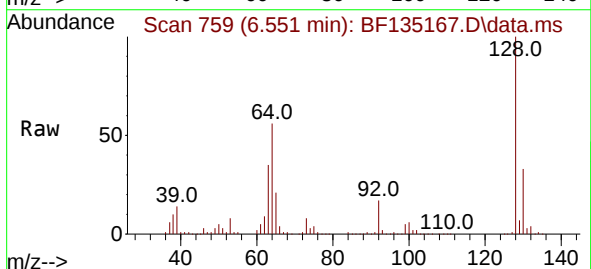
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#8
2-Chlorophenol
Concen: 39.652 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:128 Resp: 265154
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 55.9 35.9 75.9





#9

Benzaldehyde

Concen: 37.848 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135167.D

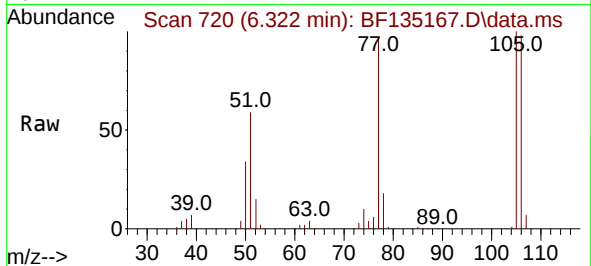
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Instrument :

BNA_F

ClientSampleId :

ICVBF091123



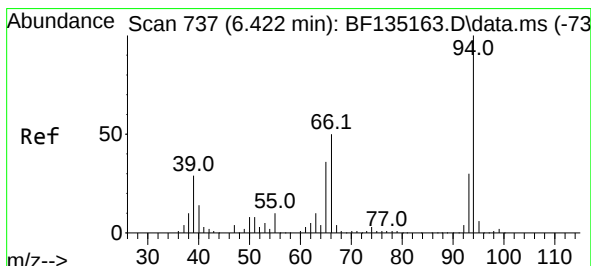
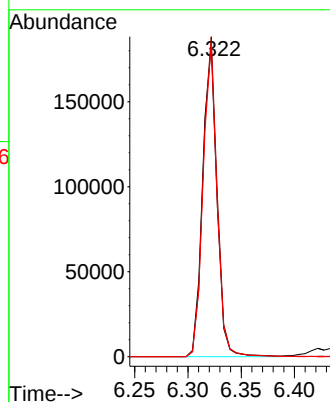
Tgt Ion:	77	Resp:	17174
Ion Ratio	Lower	Upper	
77	100		
105	103.2	81.4	121.4
106	101.2	76.9	116.9

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#10

Phenol

Concen: 39.608 ng

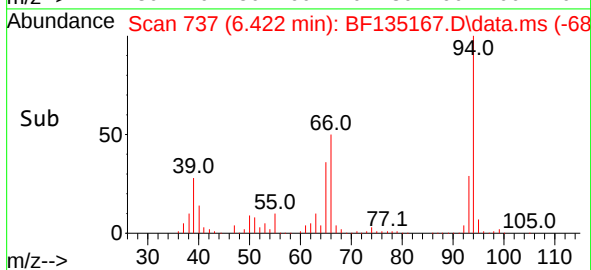
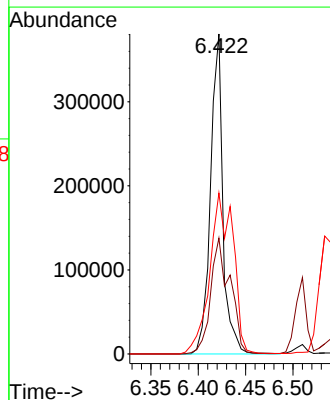
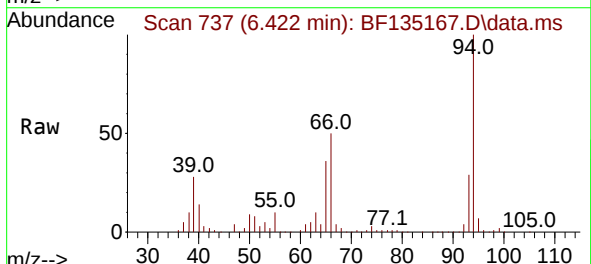
RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:	94	Resp:	345945
Ion Ratio	Lower	Upper	
94	100		
65	36.2	15.9	55.9
66	50.3	29.8	69.8





#11
bis(2-Chloroethyl)ether
Concen: 39.515 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

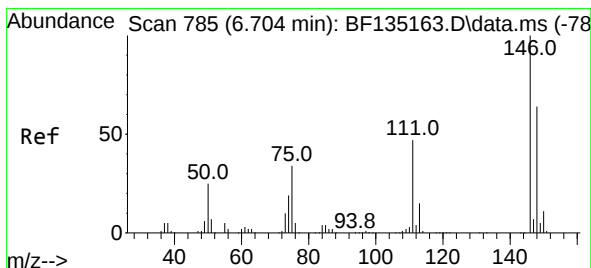
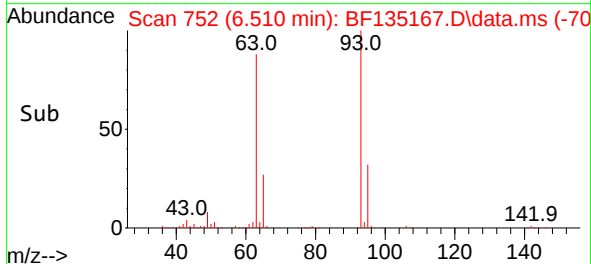
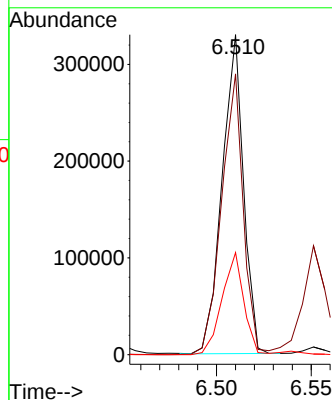
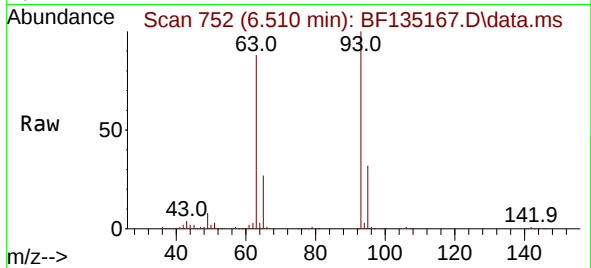
ClientSampleId :

ICVBF091123

Tgt Ion: 93 Resp: 258889
Ion Ratio Lower Upper
93 100
63 87.7 67.3 107.3
95 31.9 12.7 52.7

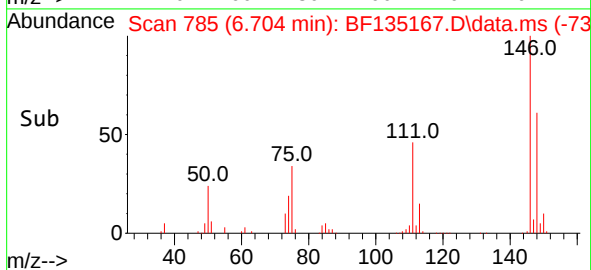
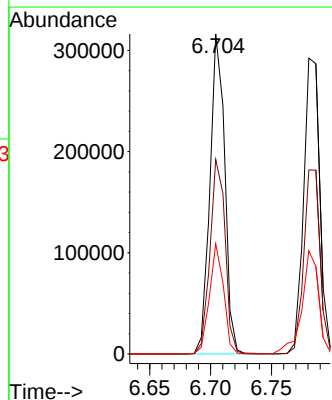
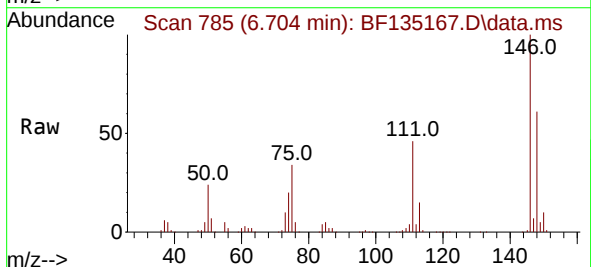
Manual Integrations
APPROVED

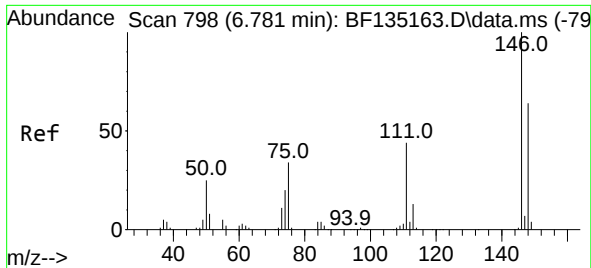
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 39.404 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:146 Resp: 267788
Ion Ratio Lower Upper
146 100
148 60.8 51.3 76.9
75 34.4 27.4 41.2





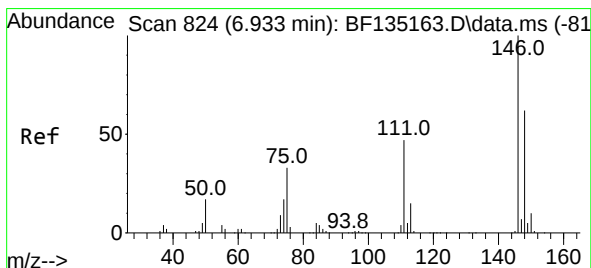
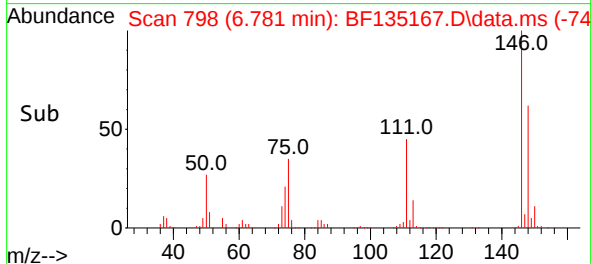
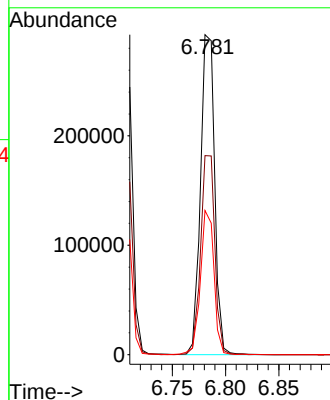
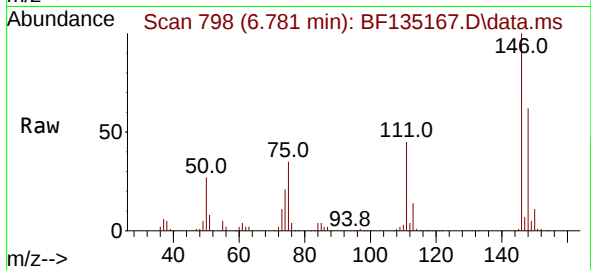
#13
1,4-Dichlorobenzene
Concen: 39.257 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091123

Tgt Ion:146 Resp: 27143
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
111 45.1 35.1 52.7

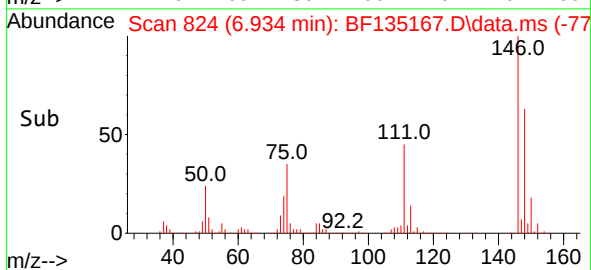
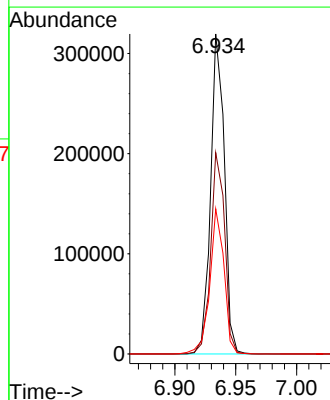
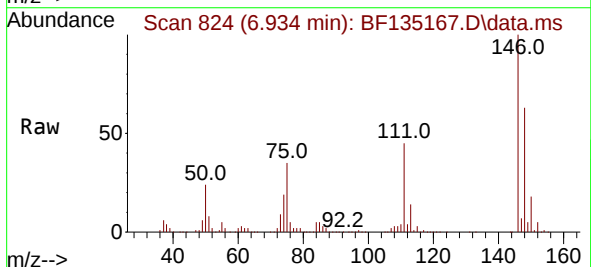
Manual Integrations
APPROVED

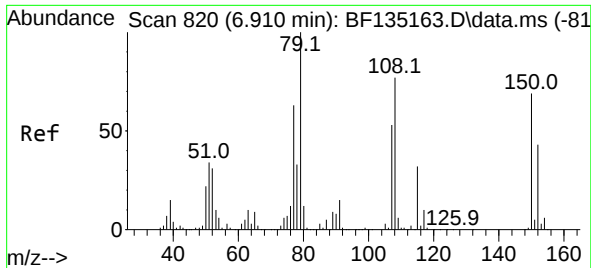
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#14
1,2-Dichlorobenzene
Concen: 38.980 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

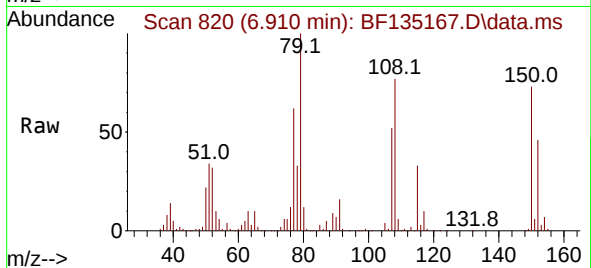
Tgt Ion:146 Resp: 250291
Ion Ratio Lower Upper
146 100
148 62.9 49.7 74.5
111 45.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 39.774 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

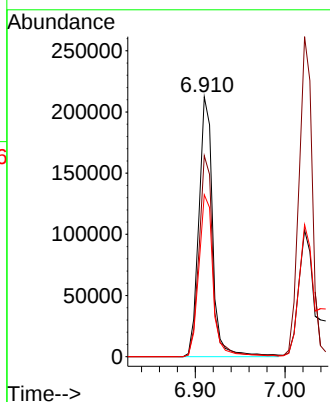
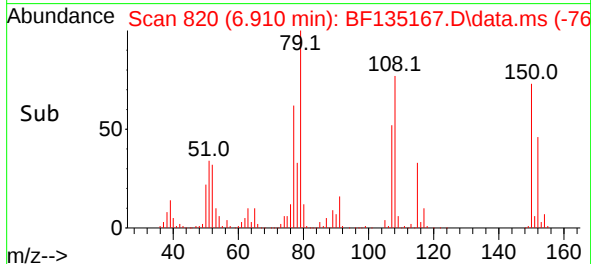
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



Tgt Ion: 79 Resp: 227339
Ion Ratio Lower Upper
79 100
108 77.4 61.2 91.8
77 62.4 50.5 75.7

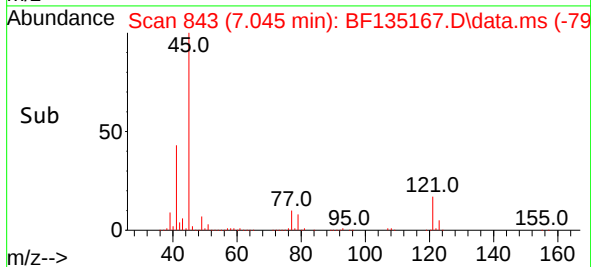
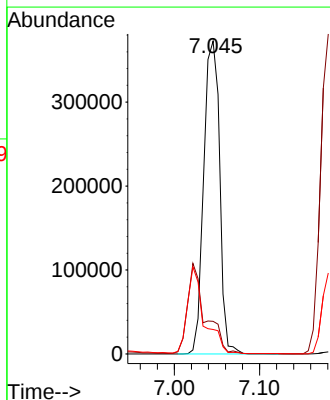
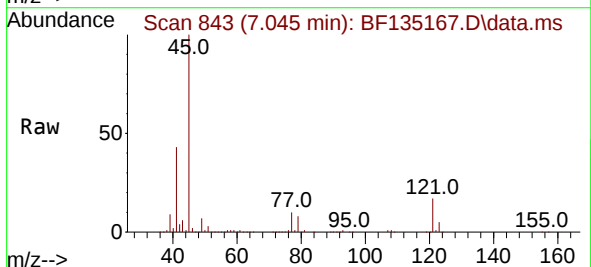
Manual Integrations
APPROVED

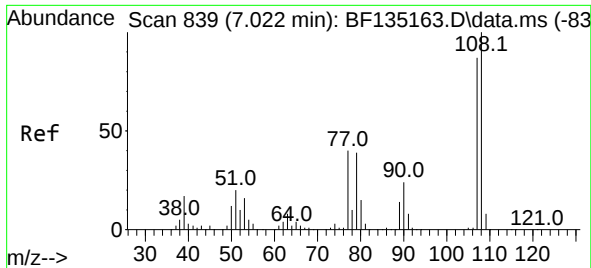
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.106 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion: 45 Resp: 482932
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.6
79 7.8 0.0 28.3





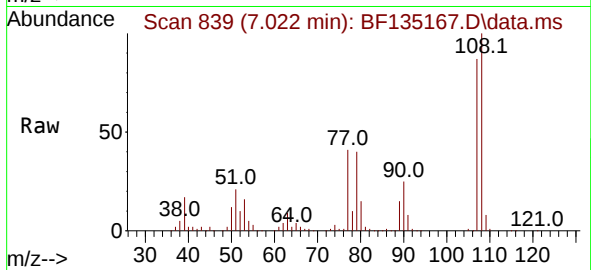
#17
2-Methylphenol
Concen: 39.667 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

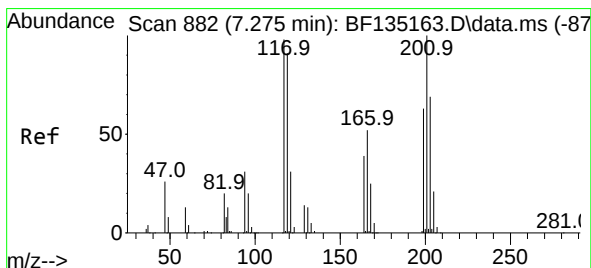
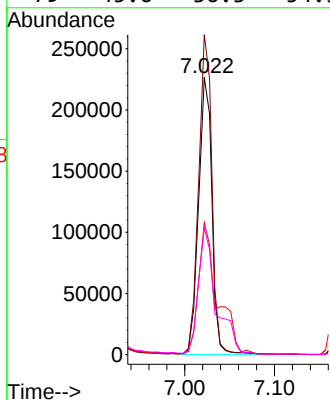
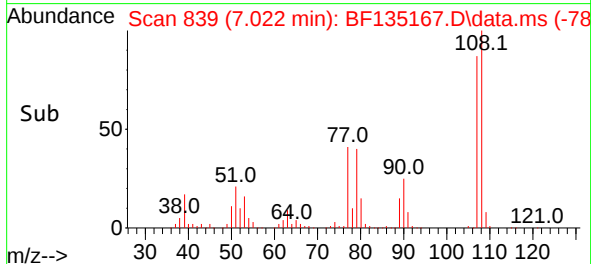


Tgt Ion:107 Resp: 234070
Ion Ratio Lower Upper
107 100
108 115.4 92.0 138.0
77 47.6 36.7 55.1
79 45.6 36.3 54.5

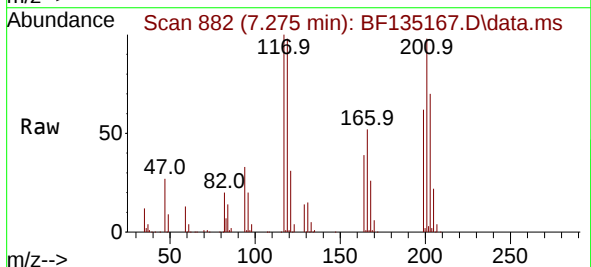
Manual Integrations

APPROVED

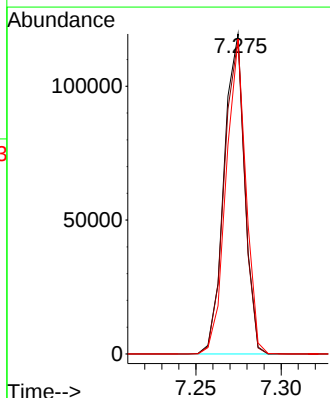
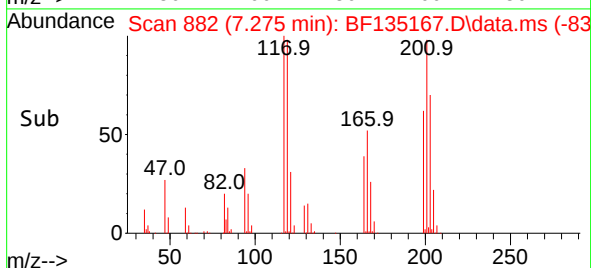
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

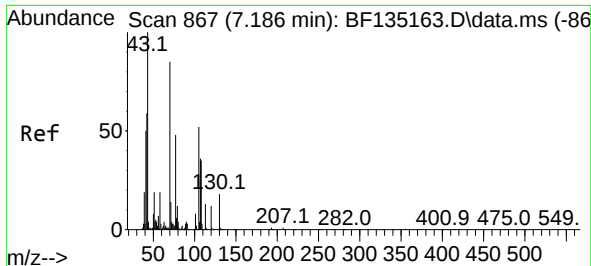


#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



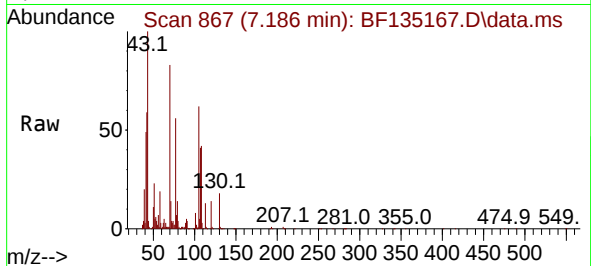
Tgt Ion:117 Resp: 100908
Ion Ratio Lower Upper
117 100
119 98.4 74.7 112.1
201 98.4 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.403 ng
RT: 7.186 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

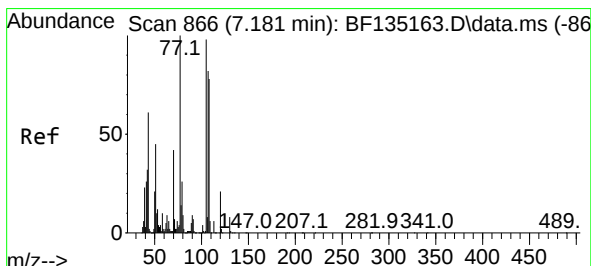
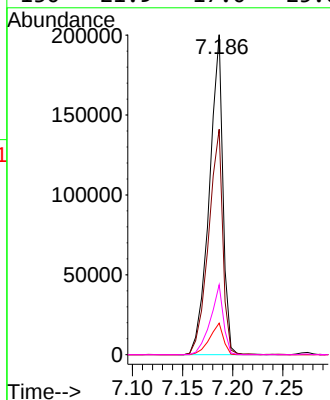
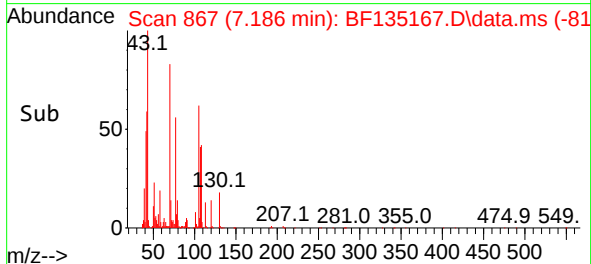
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



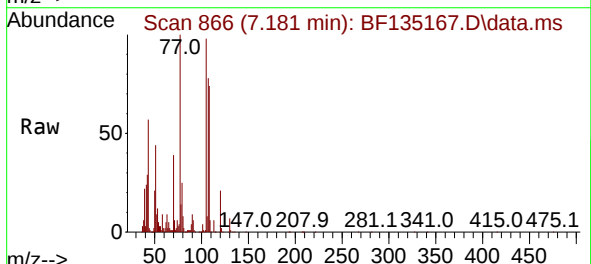
Tgt Ion: 70 Resp: 18946
Ion Ratio Lower Upper
70 100
42 70.4 55.4 83.0
101 9.9 7.7 11.5
130 21.9 17.0 25.6

Manual Integrations
APPROVED

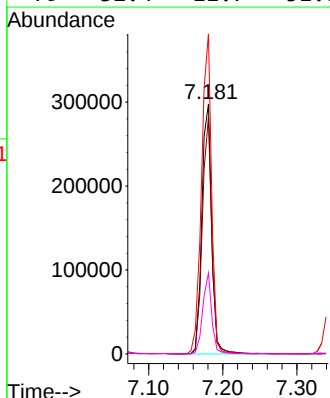
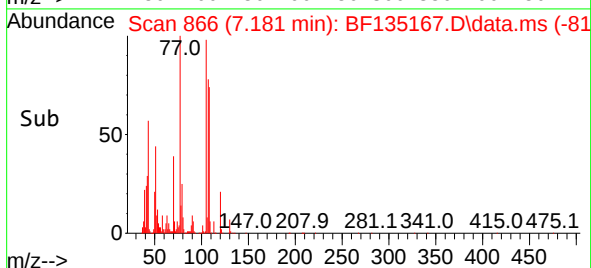
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

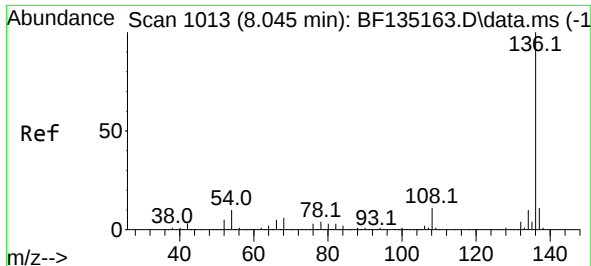


#20
3+4-Methylphenols
Concen: 38.932 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:107 Resp: 276254
Ion Ratio Lower Upper
107 100
108 94.6 74.7 114.7
77 128.1 102.0 142.0
79 32.4 11.7 51.7





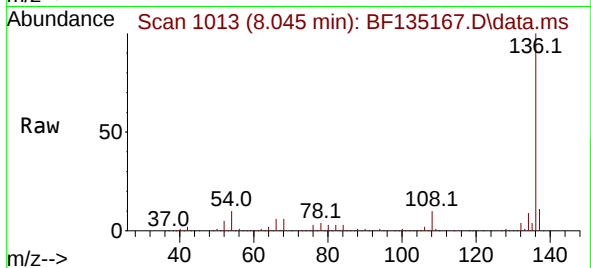
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

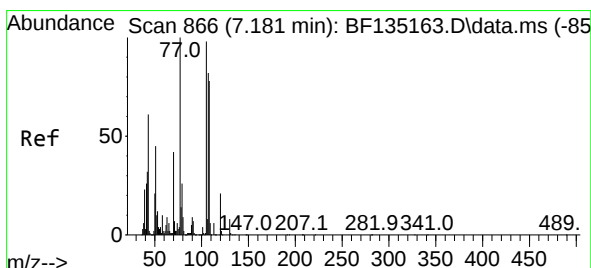
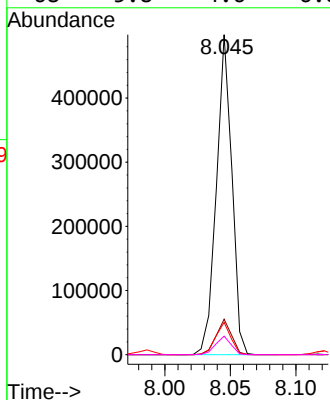
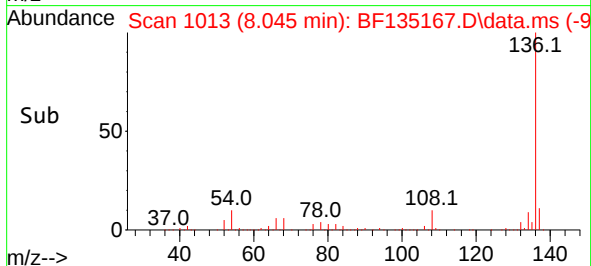


Tgt Ion:136 Resp: 407915
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 7.7 11.5
68 5.8 4.6 6.8

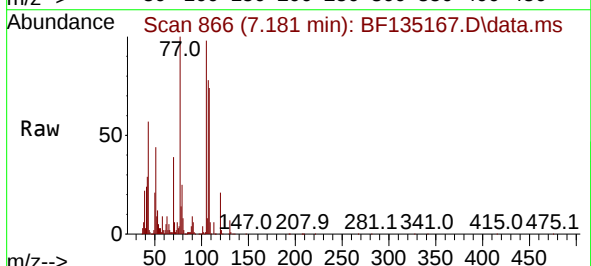
Manual Integrations

APPROVED

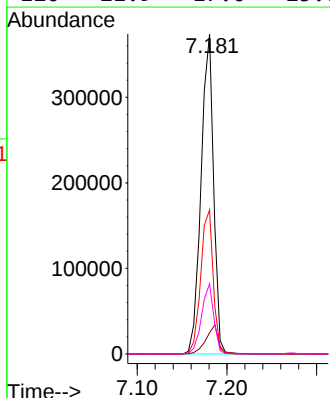
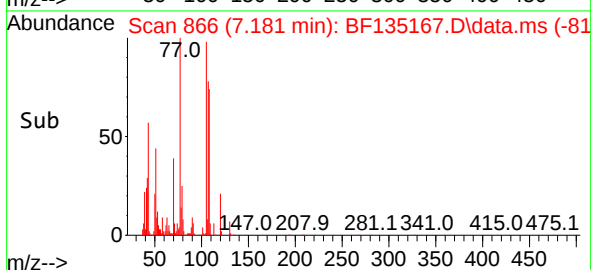
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

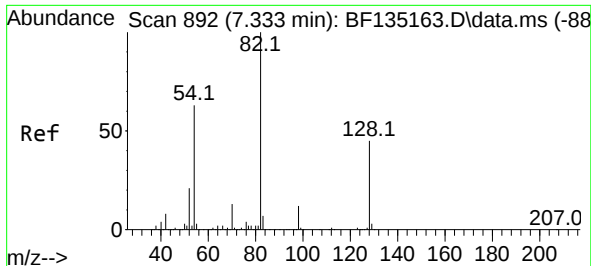


#22
Acetophenone
Concen: 38.887 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:105 Resp: 362664
Ion Ratio Lower Upper
105 100
71 6.6 5.8 8.6
51 45.0 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.694 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

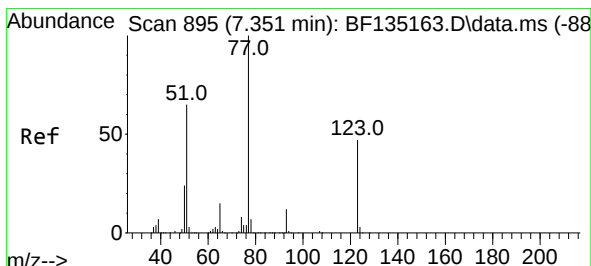
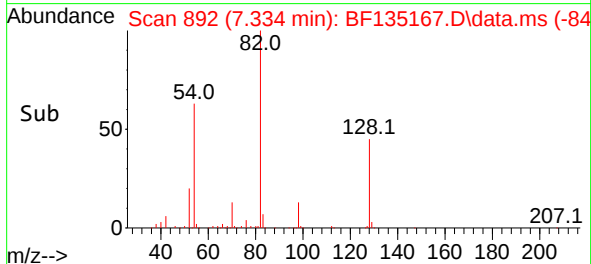
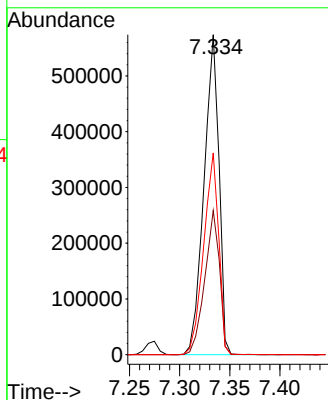
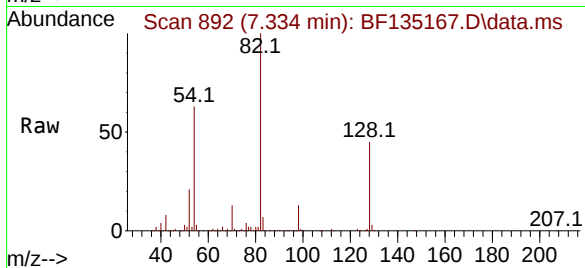
Tgt Ion:	82	Resp:	598360
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.6
54	63.0	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#24

Nitrobenzene

Concen: 39.303 ng

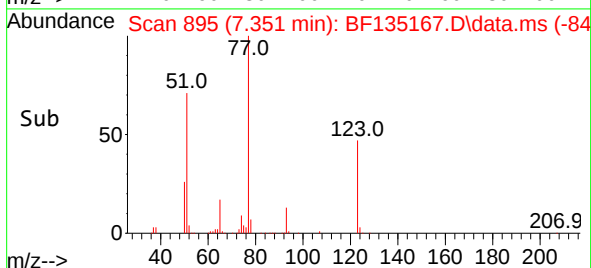
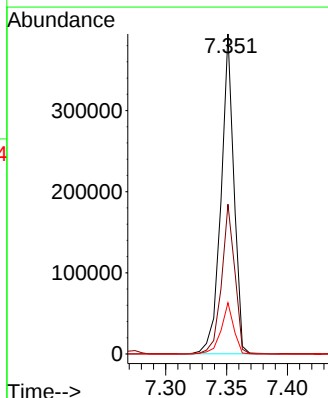
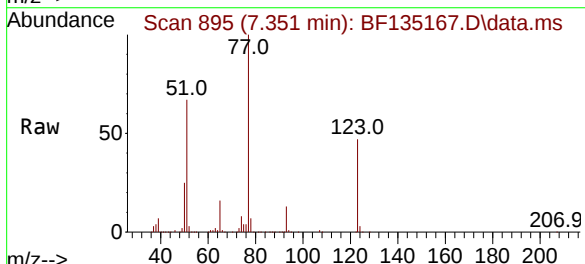
RT: 7.351 min Scan# 895

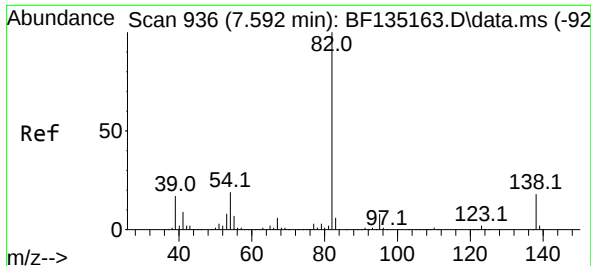
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

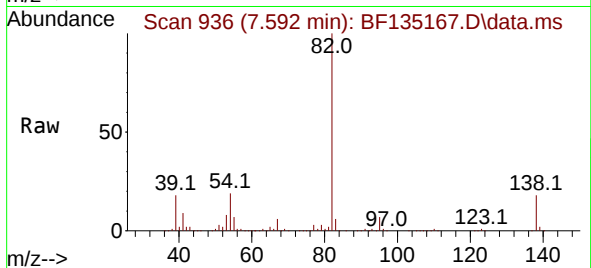
Tgt Ion:	77	Resp:	291667
Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.6	56.4
65	16.0	12.2	18.4





#25
Isophorone
Concen: 38.956 ng
RT: 7.592 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

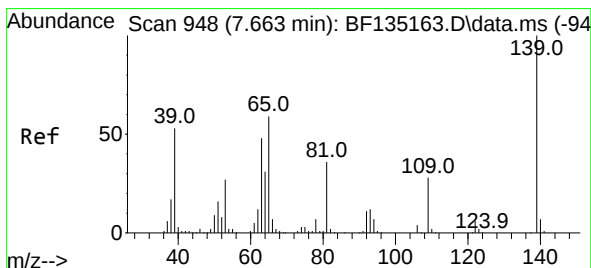
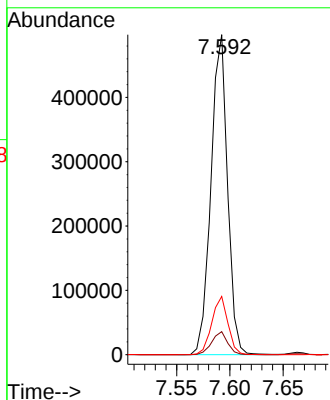
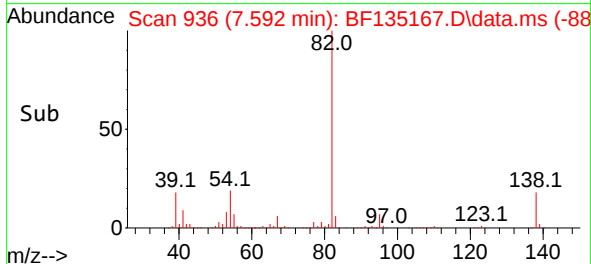
Instrument :
BNA_F
Client Sample Id :
ICVBF091123



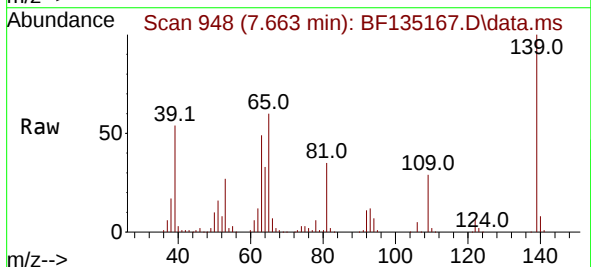
Tgt Ion: 82 Resp: 537084
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.2 14.5 21.7

Manual Integrations
APPROVED

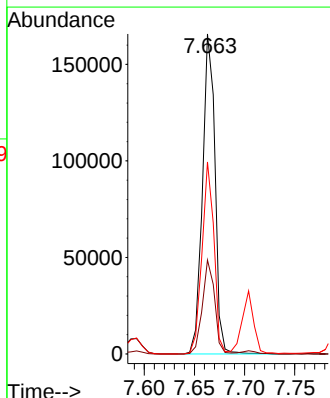
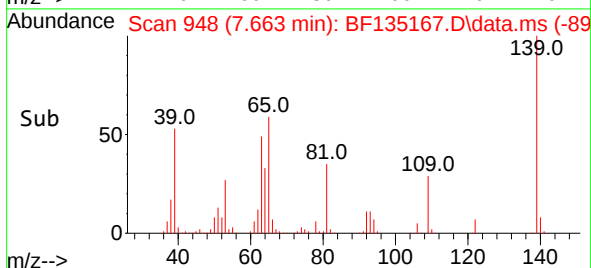
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 40.703 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:139 Resp: 144973
Ion Ratio Lower Upper
139 100
109 29.4 22.6 33.8
65 60.0 47.0 70.4





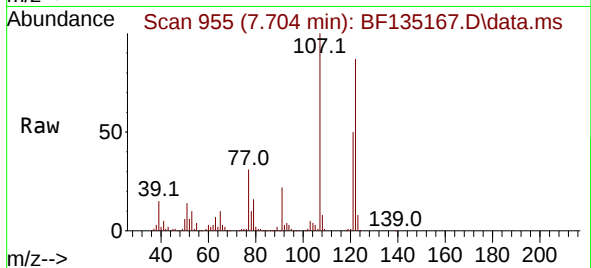
#27
2,4-Dimethylphenol
Concen: 39.429 ng
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

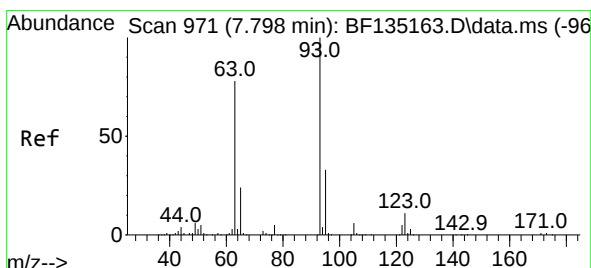
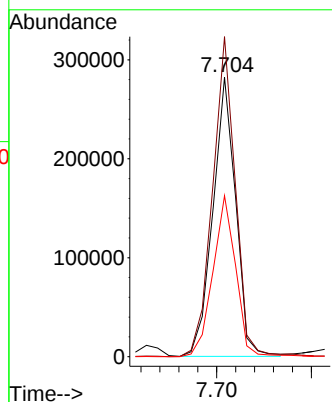
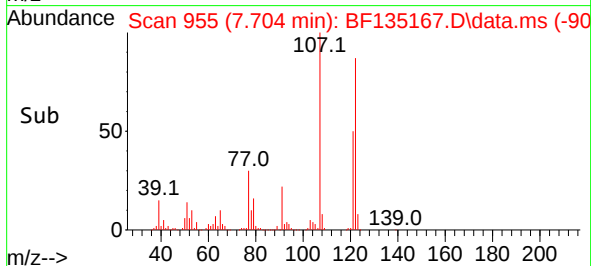


Tgt Ion:122 Resp: 23605
Ion Ratio Lower Upper
122 100
107 114.5 90.2 135.4
121 57.6 46.3 69.5

Manual Integrations

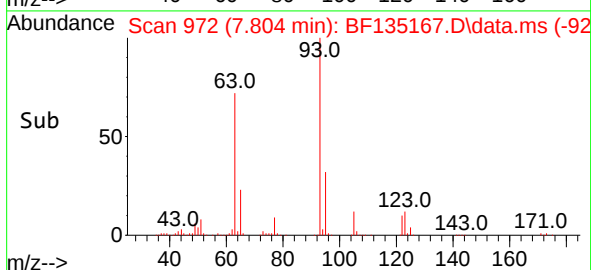
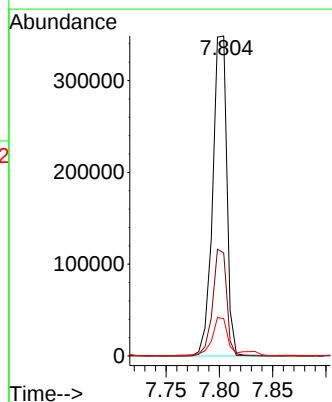
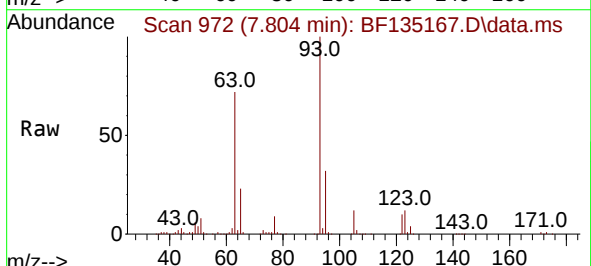
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.065 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion: 93 Resp: 322363
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 39.785 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135167.D

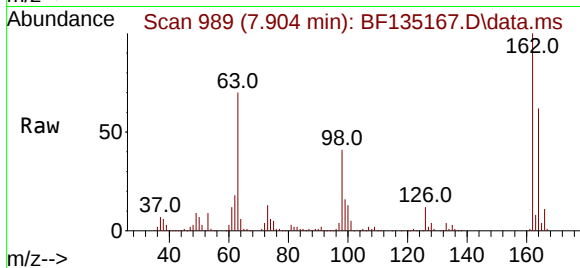
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



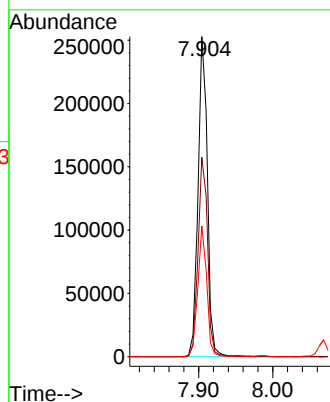
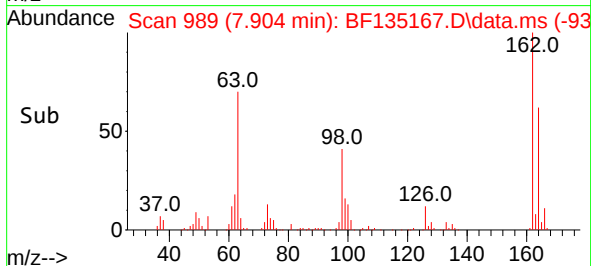
Tgt Ion:	162	Resp:	22070
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.1	84.1
98	40.8	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.211 ng

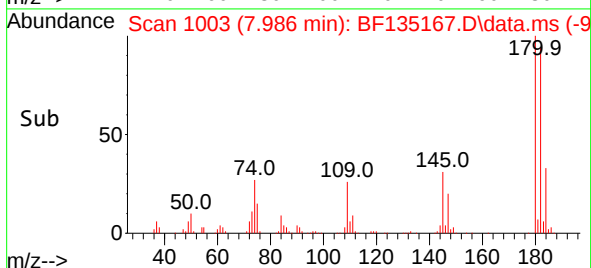
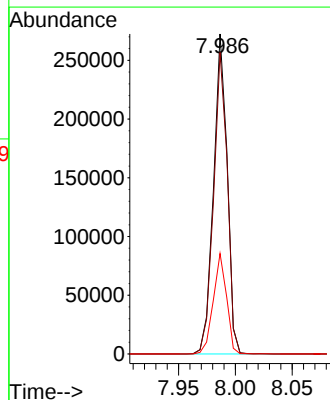
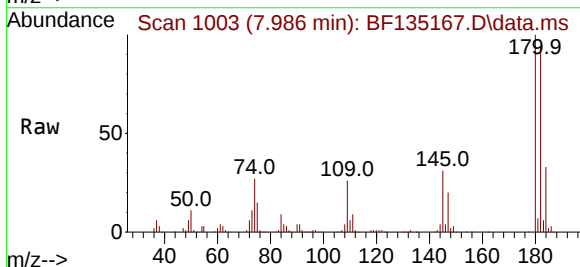
RT: 7.986 min Scan# 1003

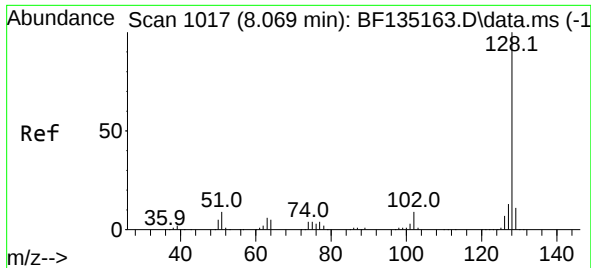
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:	180	Resp:	227361
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.9	115.3
145	31.4	24.5	36.7





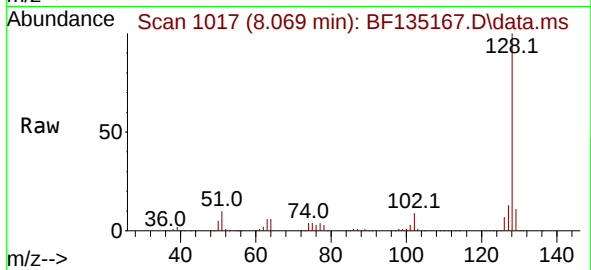
#31
Naphthalene
Concen: 39.411 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

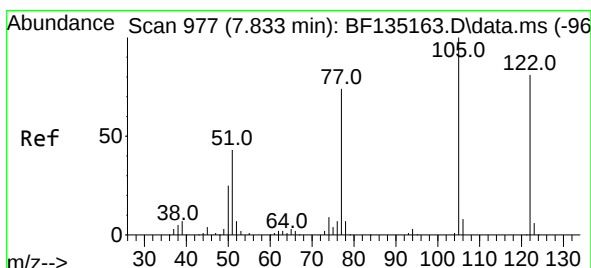
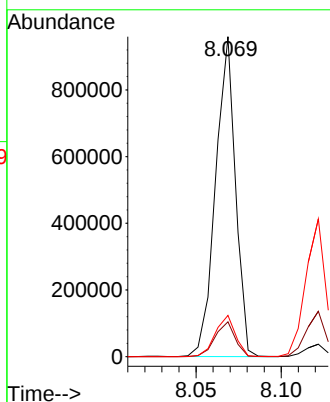
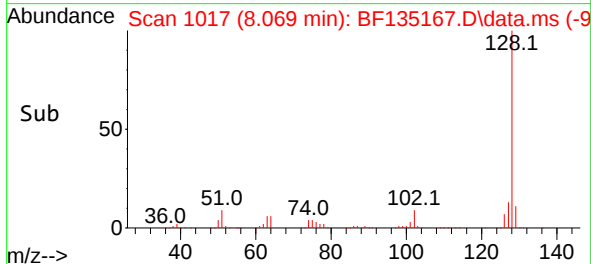


Tgt Ion:128 Resp: 781100
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.7 16.1

Manual Integrations

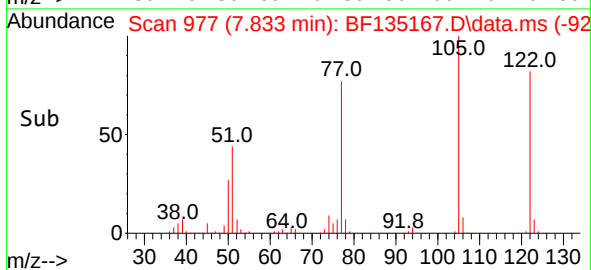
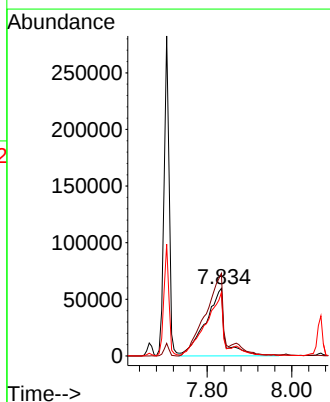
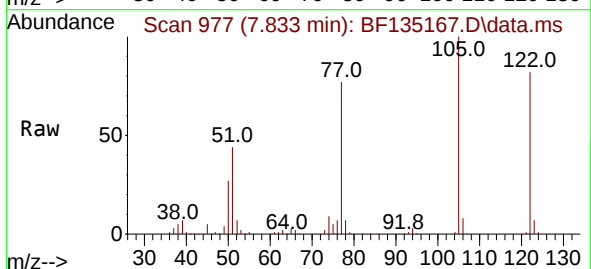
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 42.509 ng m
RT: 7.833 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:122 Resp: 191635
Ion Ratio Lower Upper
122 100
105 122.5 99.9 139.9
77 94.0 70.0 110.0





#33
4-Chloroaniline
Concen: 39.402 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

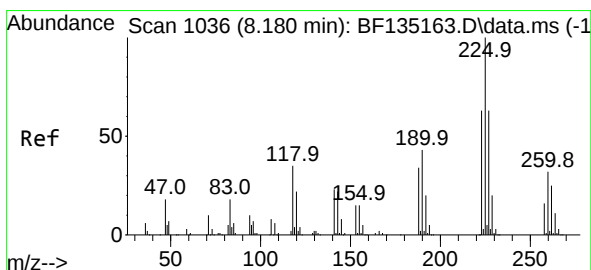
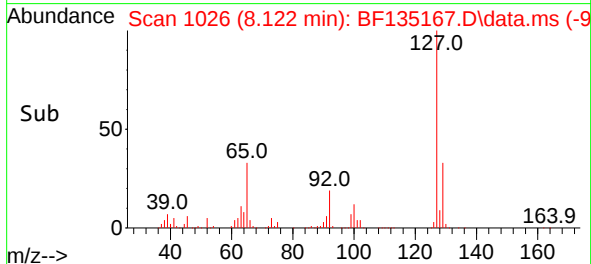
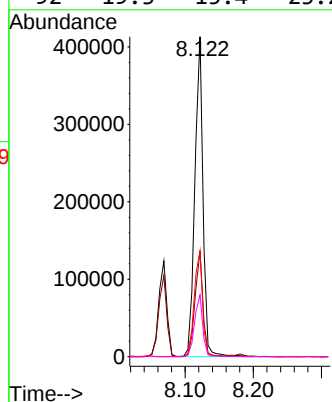
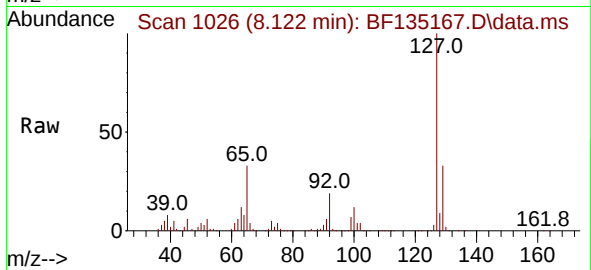
ICVBF091123

Tgt Ion:127 Resp: 34262
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 33.2 26.6 39.8
92 19.3 15.4 23.2

Manual Integrations

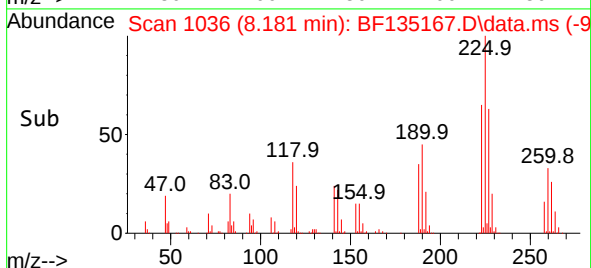
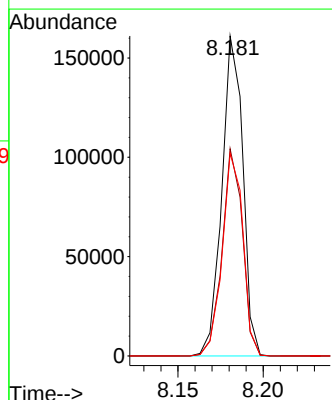
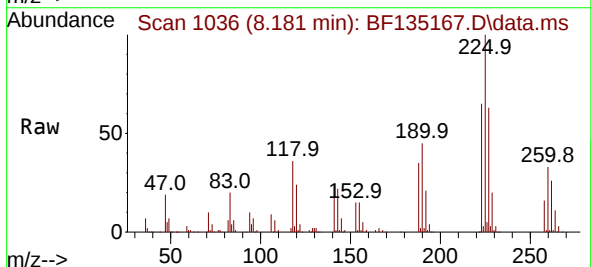
APPROVED

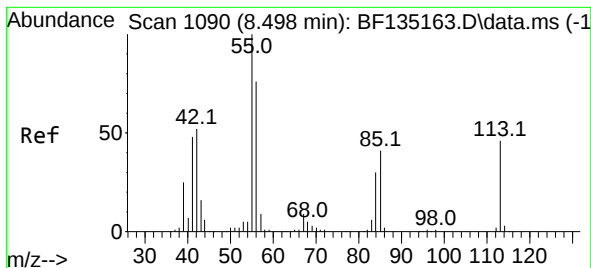
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 39.406 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:225 Resp: 137774
Ion Ratio Lower Upper
225 100
223 64.7 50.6 75.8
227 63.3 50.8 76.2





#35

Caprolactam

Concen: 39.512 ng

RT: 8.498 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

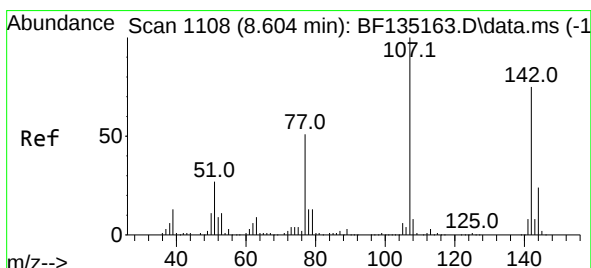
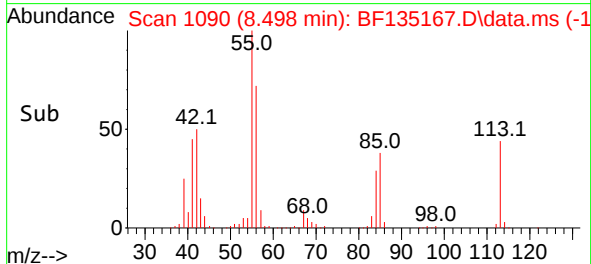
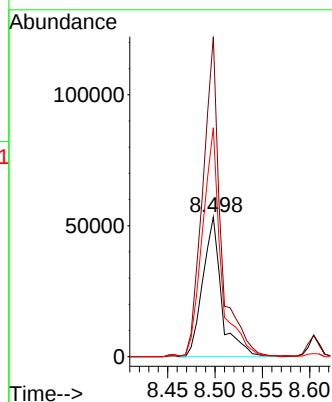
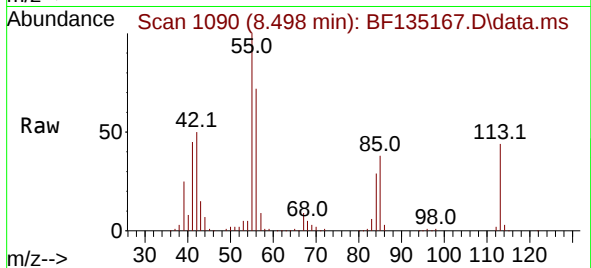
Tgt Ion:	113	Resp:	7356
Ion Ratio	Lower	Upper	
113	100		
55	229.1	199.3	239.3
56	163.9	146.3	186.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#36

4-Chloro-3-methylphenol

Concen: 39.566 ng

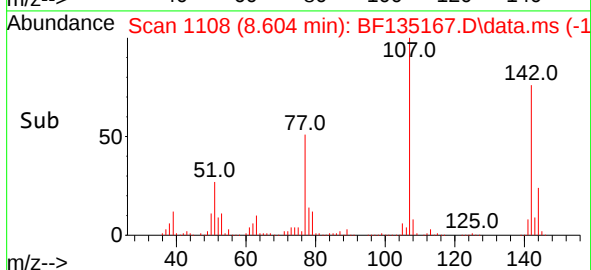
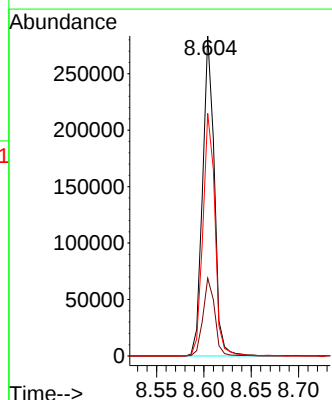
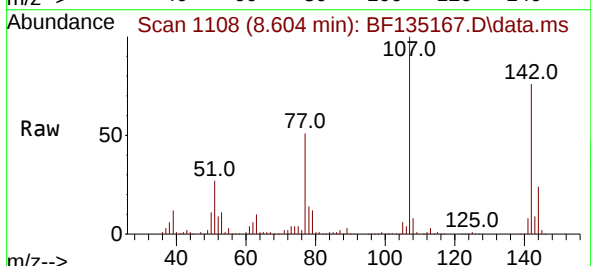
RT: 8.604 min Scan# 1108

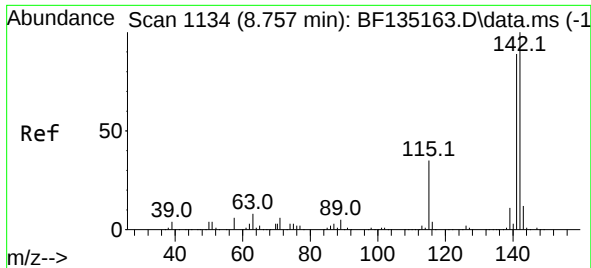
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:	107	Resp:	243950
Ion Ratio	Lower	Upper	
107	100		
144	24.3	19.0	28.4
142	75.8	60.2	90.2





#37
2-Methylnaphthalene
Concen: 39.165 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

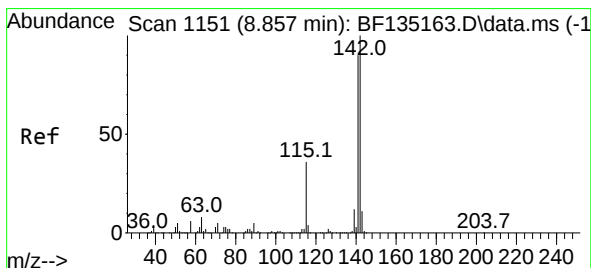
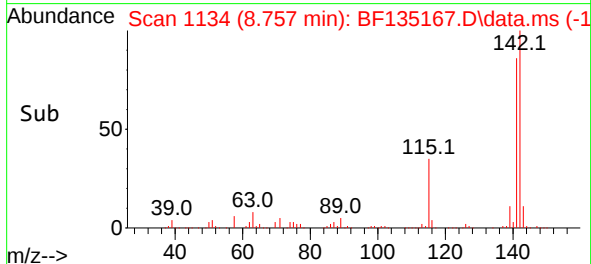
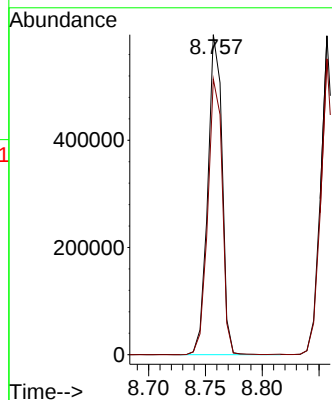
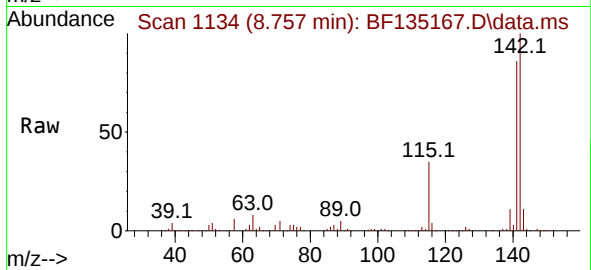
ICVBF091123

Tgt Ion:142 Resp: 521770
Ion Ratio Lower Upper
142 100
141 86.1 71.0 106.6

Manual Integrations

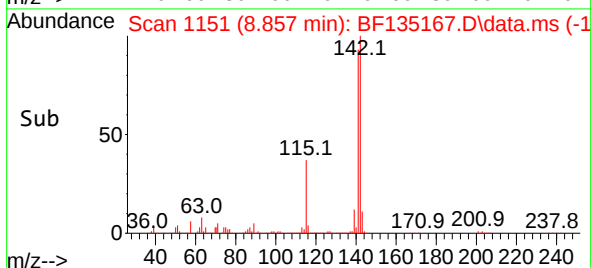
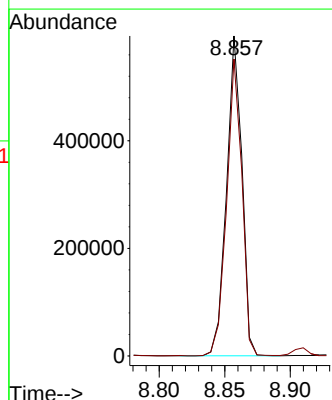
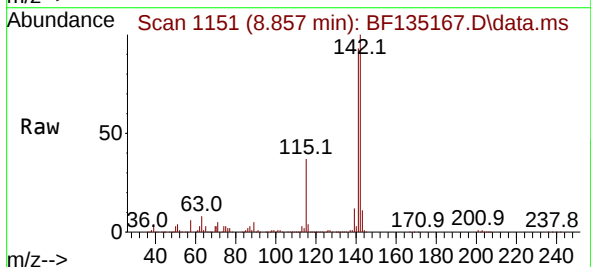
APPROVED

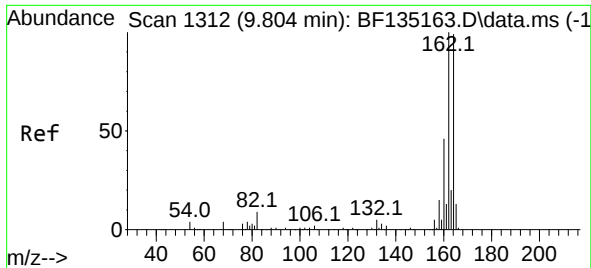
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#38
1-Methylnaphthalene
Concen: 38.728 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:142 Resp: 483062
Ion Ratio Lower Upper
142 100
141 92.8 72.4 108.6





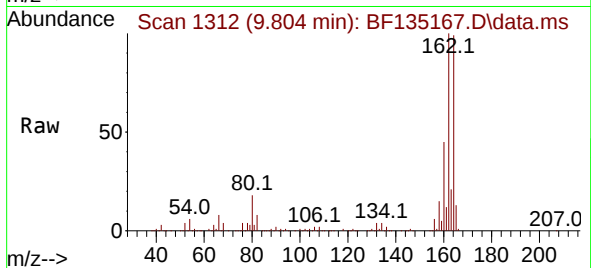
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

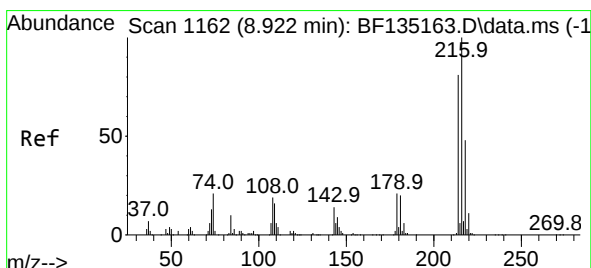
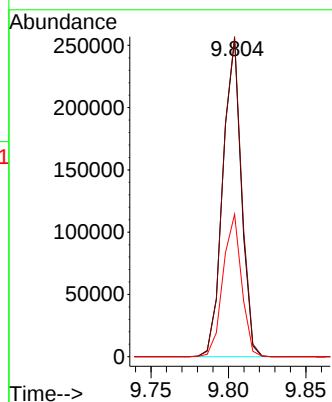
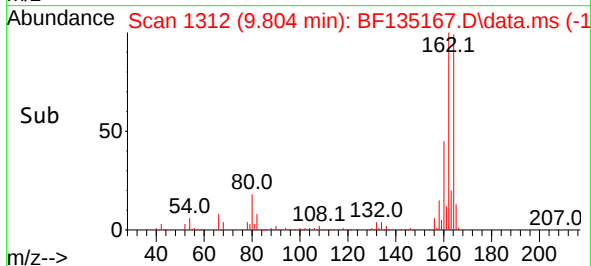


Tgt Ion:164 Resp: 21114
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.9 37.0 55.4

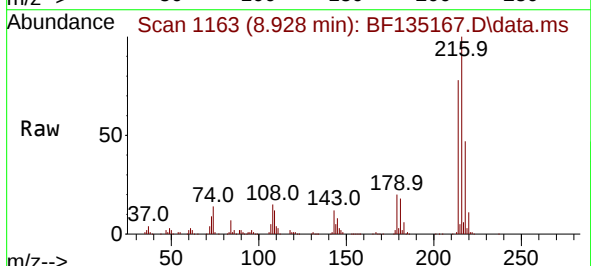
Manual Integrations

APPROVED

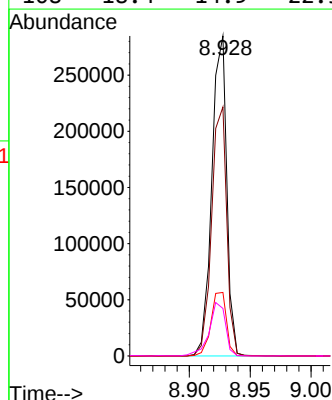
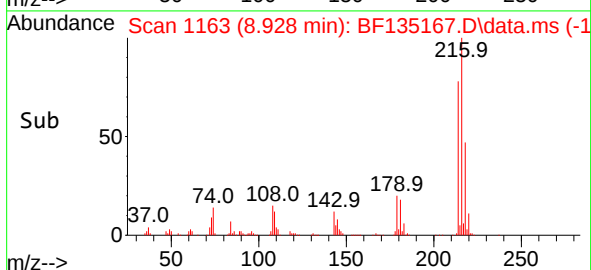
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.663 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:216 Resp: 242623
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.6 16.7 25.1
108 18.4 14.9 22.3





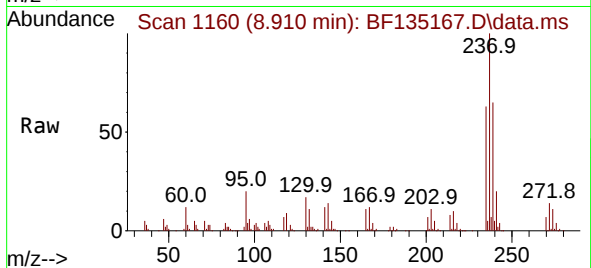
#41
Hexachlorocyclopentadiene
Concen: 38.409 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

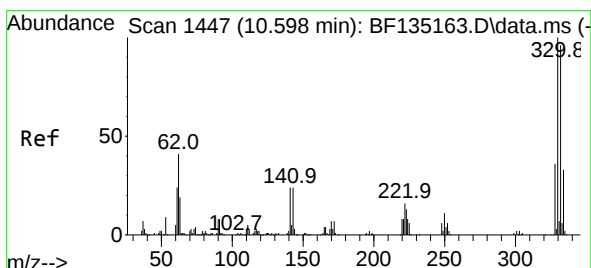
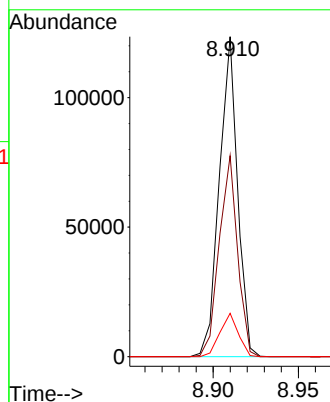
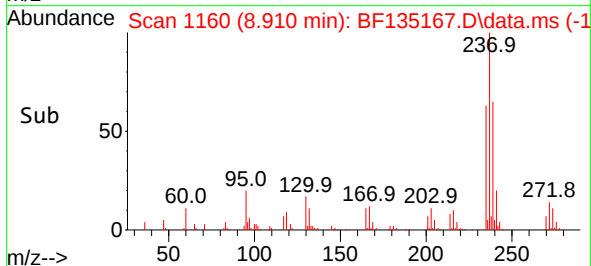


Tgt Ion:237 Resp: 92129
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.5 0.0 33.6

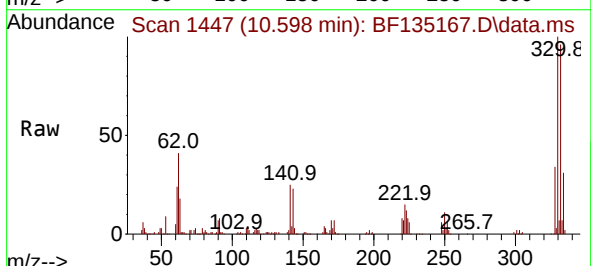
Manual Integrations

APPROVED

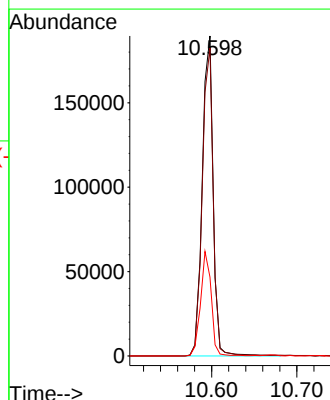
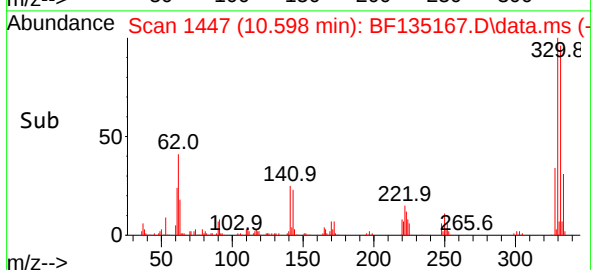
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

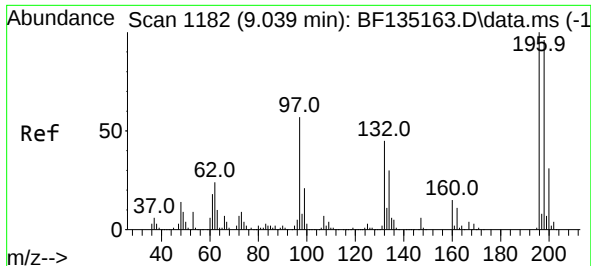


#42
2,4,6-Tribromophenol
Concen: 80.132 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:330 Resp: 168140
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 39.749 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

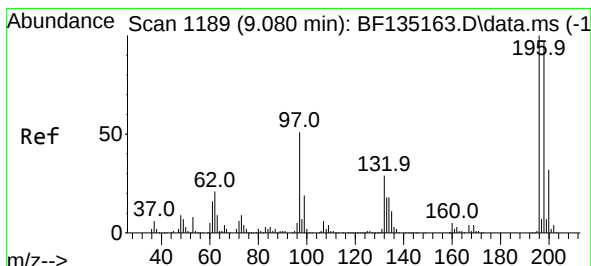
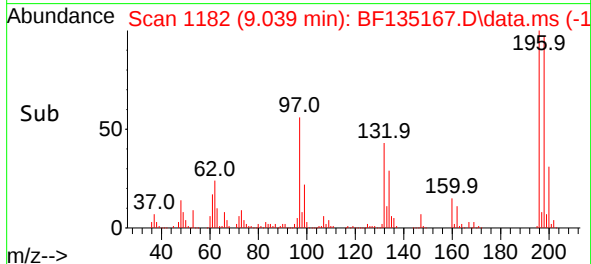
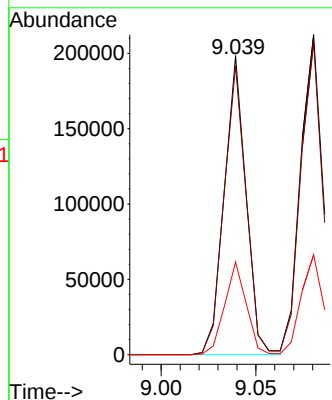
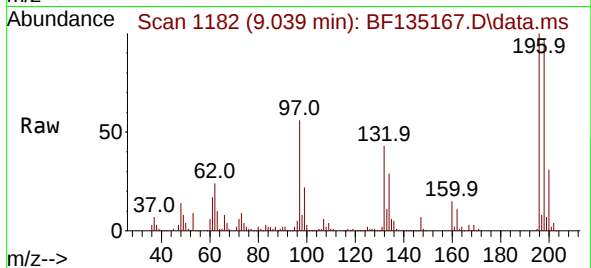
ICVBF091123

Tgt Ion:196 Resp: 159196
Ion Ratio Lower Upper
196 100
198 96.7 77.0 115.6
200 31.0 24.5 36.7

Manual Integrations

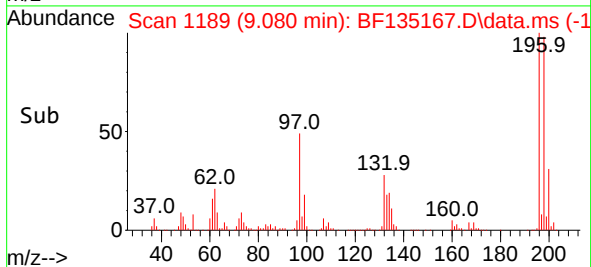
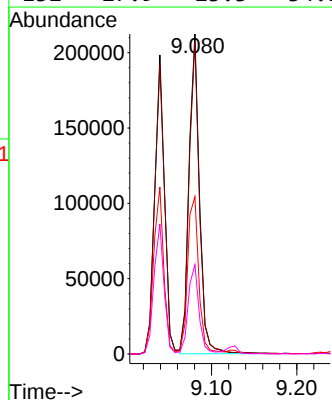
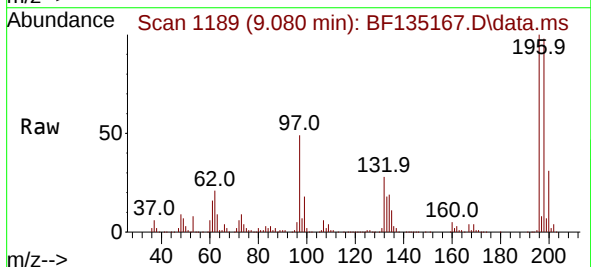
APPROVED

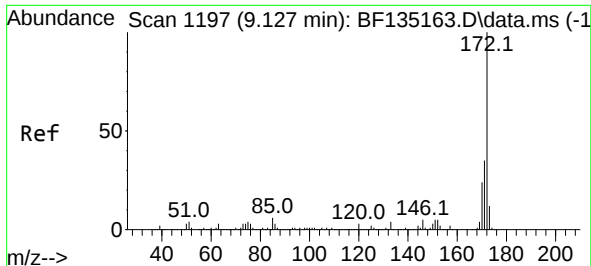
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#44
2,4,5-Trichlorophenol
Concen: 39.527 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:196 Resp: 182312
Ion Ratio Lower Upper
196 100
198 97.5 77.5 116.3
97 49.1 40.5 60.7
132 27.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.254 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135167.D

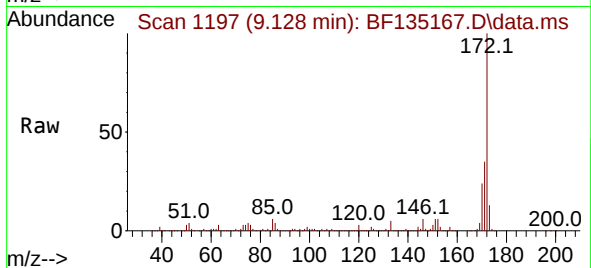
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



Tgt Ion:172 Resp: 1067192

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

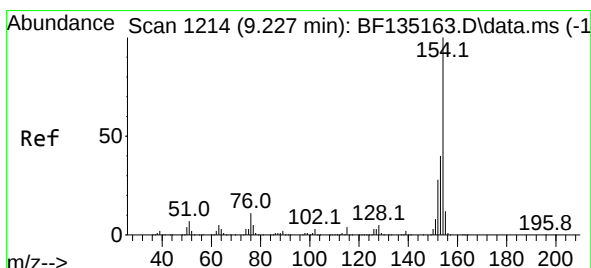
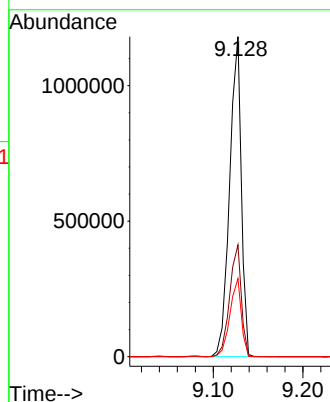
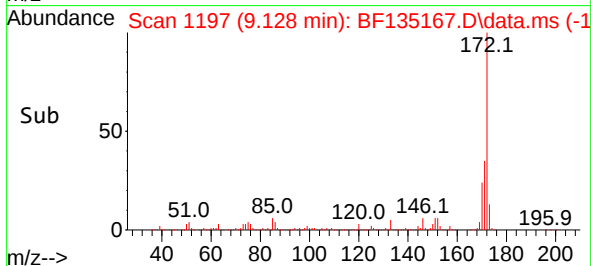
170 24.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 38.673 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

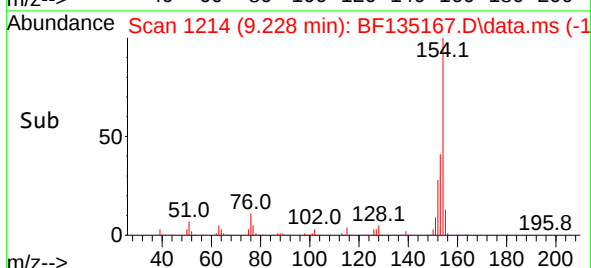
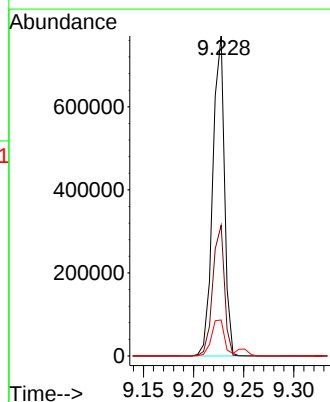
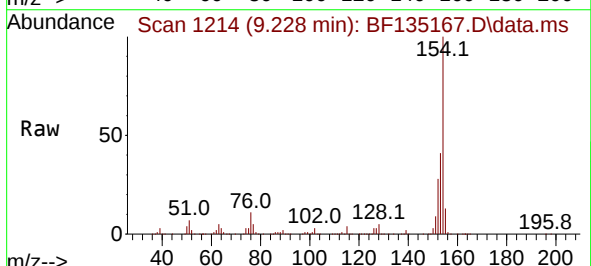
Tgt Ion:154 Resp: 627527

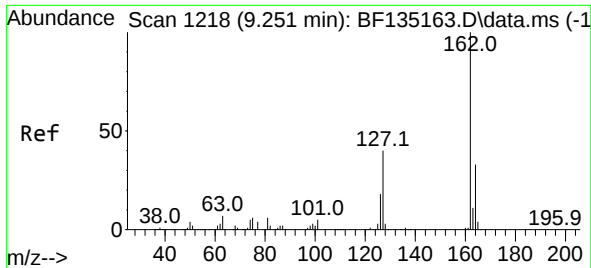
Ion Ratio Lower Upper

154 100

153 40.9 19.6 59.6

76 11.2 0.0 31.0





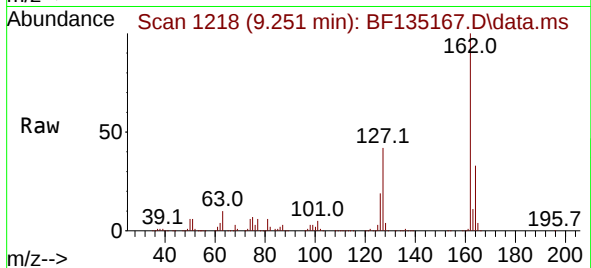
#47
2-Chloronaphthalene
Concen: 38.729 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



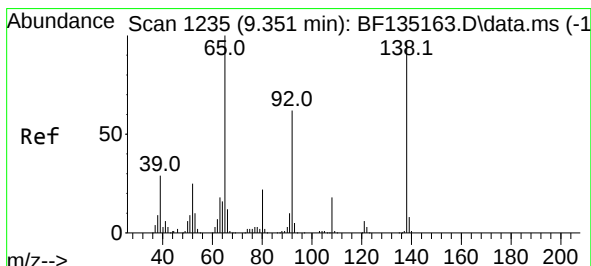
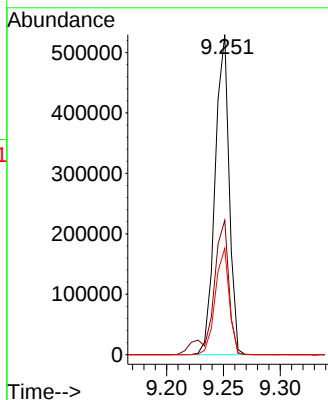
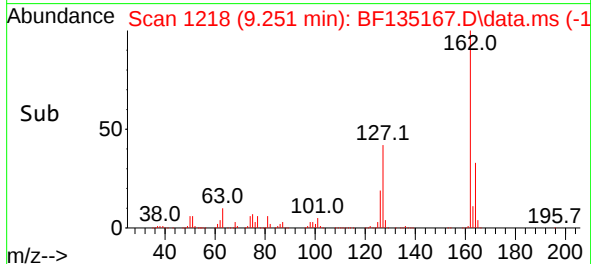
Tgt Ion:162 Resp: 455969
Ion Ratio Lower Upper
162 100
127 42.0 32.6 48.8
164 33.2 26.2 39.2

Manual Integrations

APPROVED

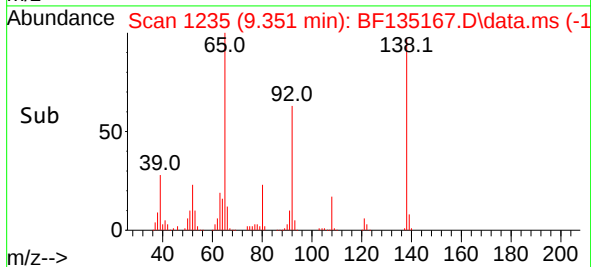
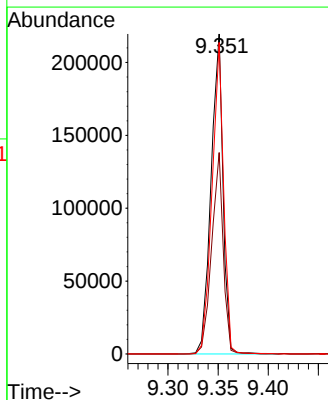
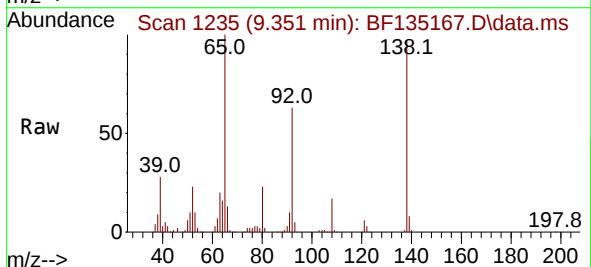
Reviewed By :Yogesh Patel 09/12/2023

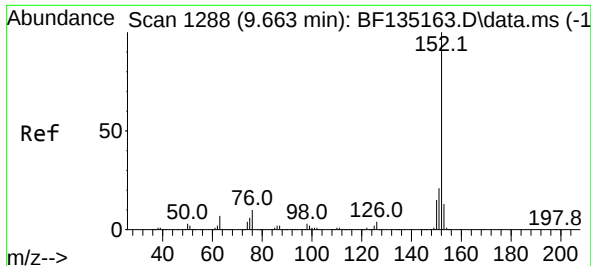
Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 39.882 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

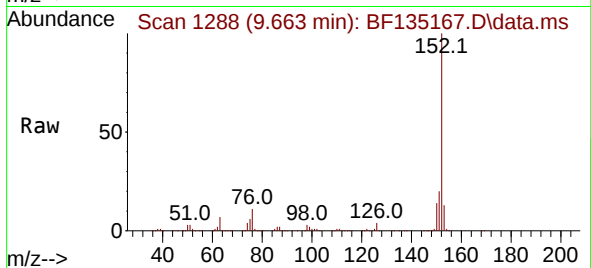
Tgt Ion: 65 Resp: 182413
Ion Ratio Lower Upper
65 100
92 63.0 49.4 74.0
138 97.3 77.4 116.0





#49
Acenaphthylene
Concen: 39.232 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

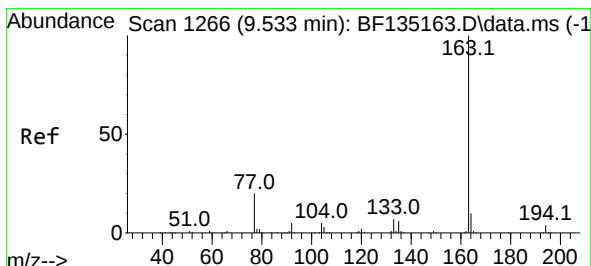
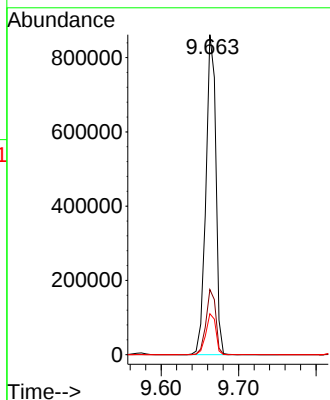
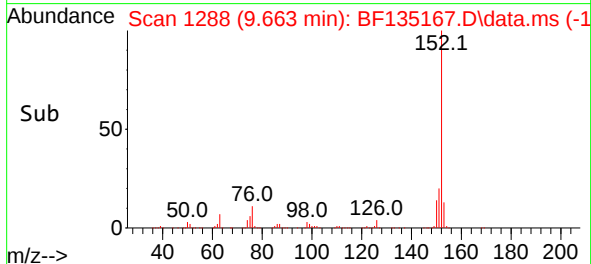
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



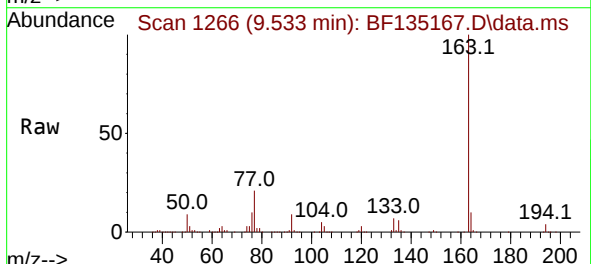
Tgt Ion:152 Resp: 76762
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.8 10.4 15.6

Manual Integrations
APPROVED

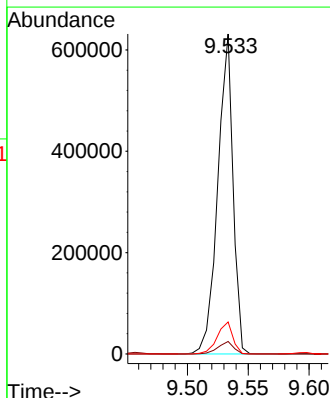
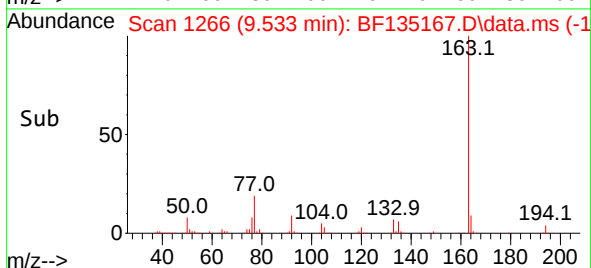
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

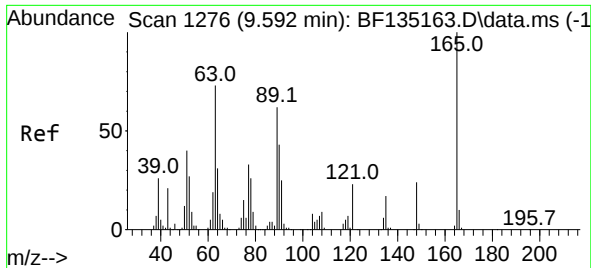


#50
Dimethylphthalate
Concen: 38.597 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:163 Resp: 551000
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1





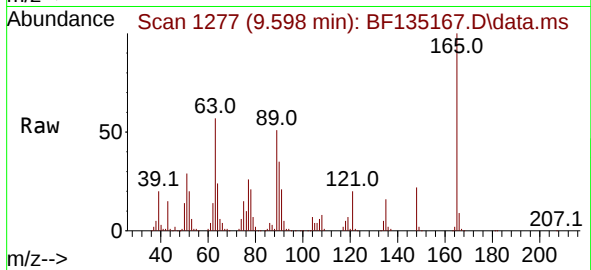
#51
2,6-Dinitrotoluene
Concen: 39.484 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

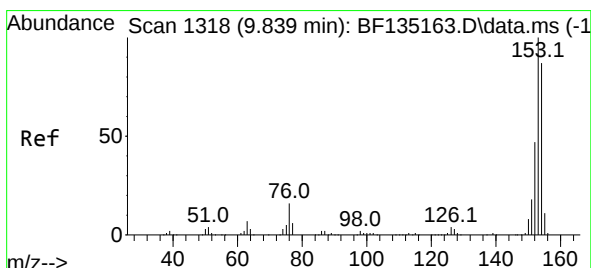
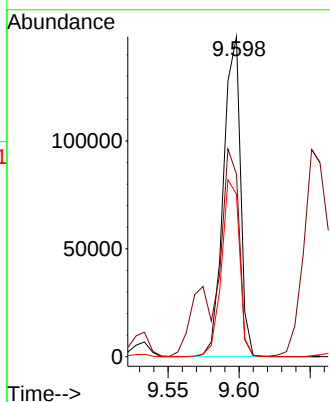
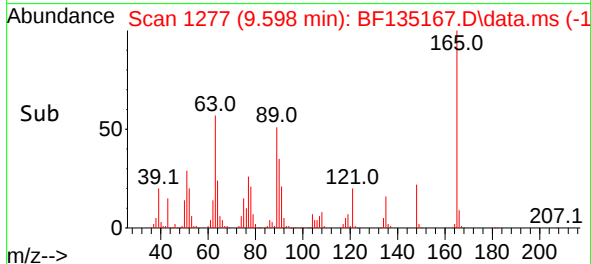


Tgt Ion:165 Resp: 123480
Ion Ratio Lower Upper
165 100
63 57.0 59.4 89.2
89 50.7 49.8 74.8

Manual Integrations

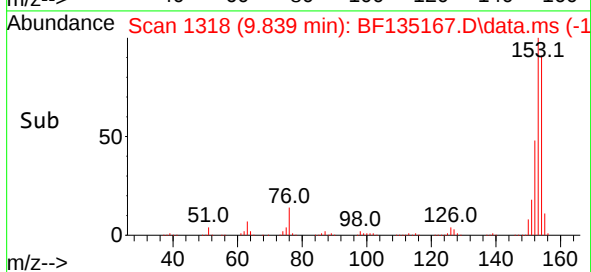
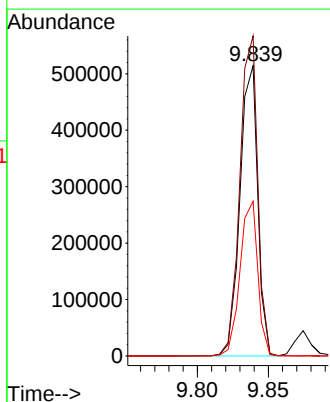
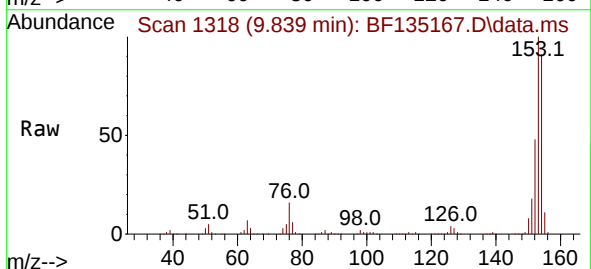
APPROVED

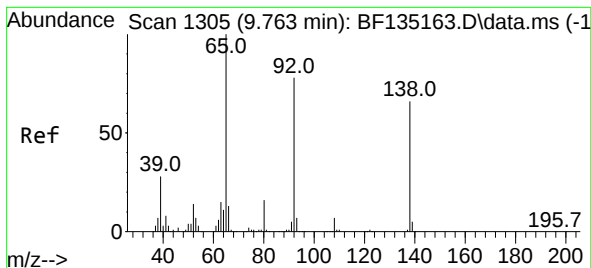
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 38.902 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:154 Resp: 449653
Ion Ratio Lower Upper
154 100
153 110.2 92.1 138.1
152 53.3 43.1 64.7





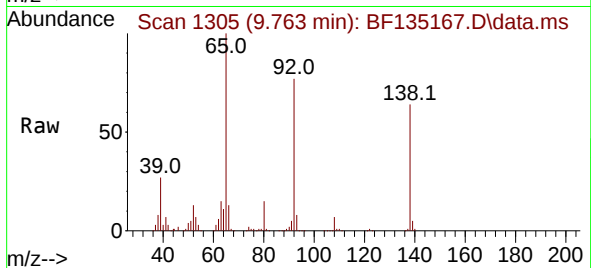
#53
3-Nitroaniline
Concen: 39.643 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

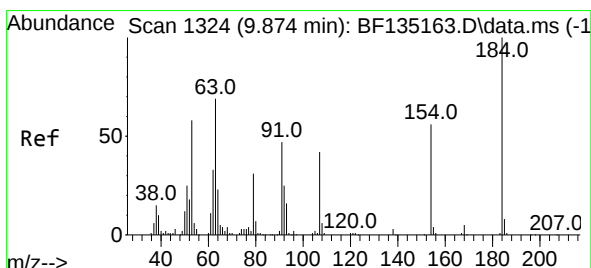
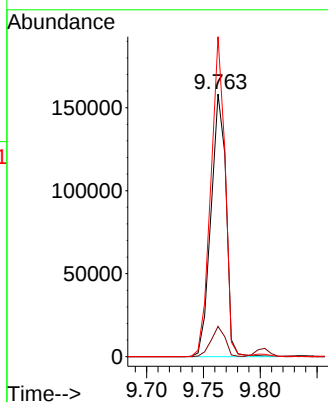
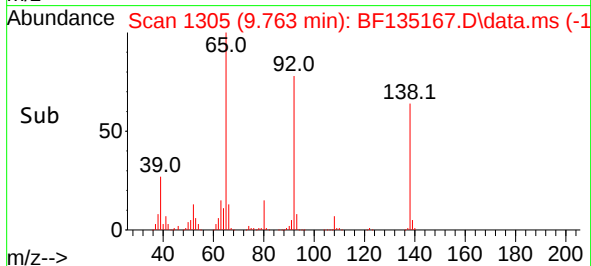


Tgt Ion:138 Resp: 145529
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 121.8 95.4 143.0

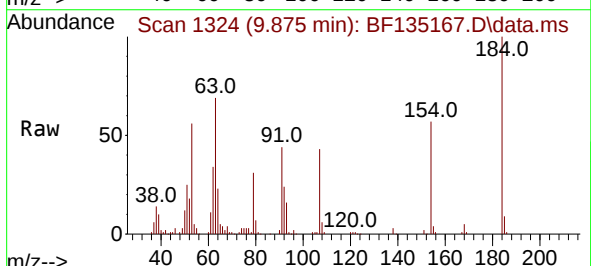
Manual Integrations

APPROVED

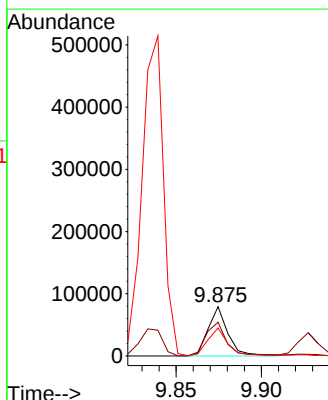
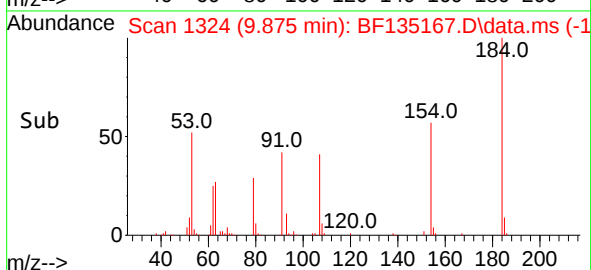
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

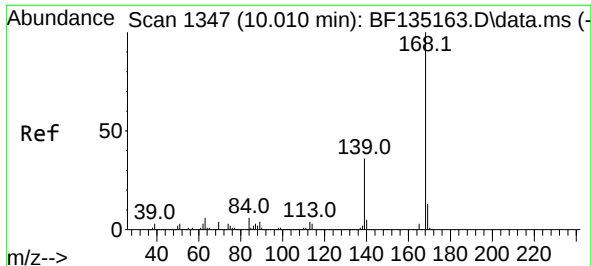


#54
2,4-Dinitrophenol
Concen: 39.547 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:184 Resp: 64127
Ion Ratio Lower Upper
184 100
63 68.5 55.1 82.7
154 56.7 48.4 72.6





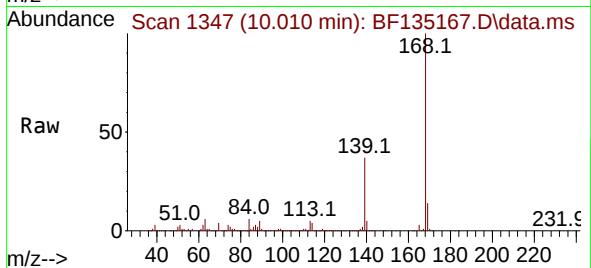
#55
Dibenzenofuran
Concen: 38.505 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

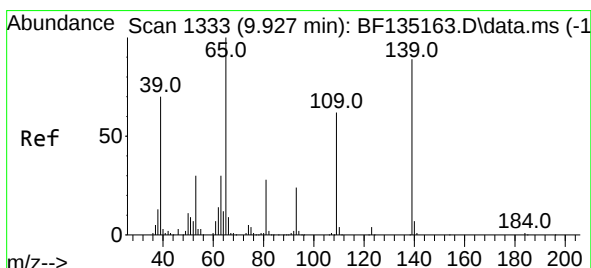
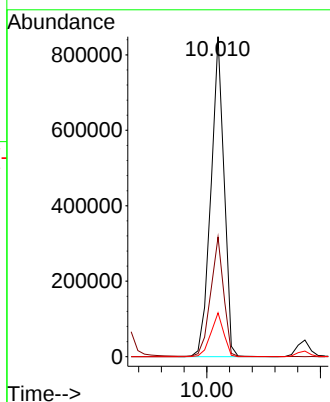
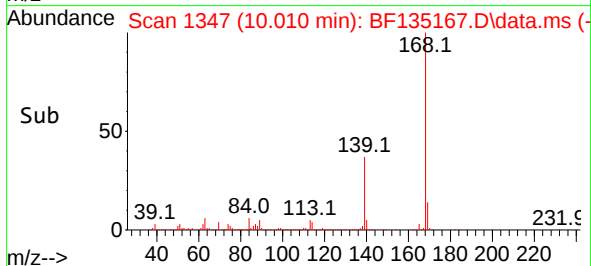


Tgt Ion:168 Resp: 67917
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.6
169 13.7 10.4 15.6

Manual Integrations

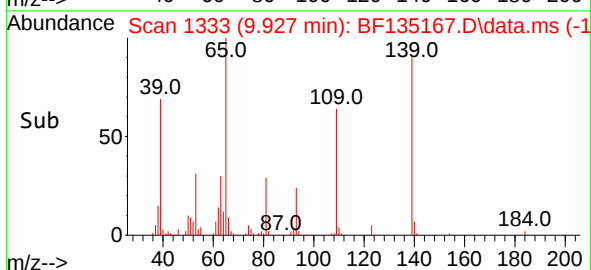
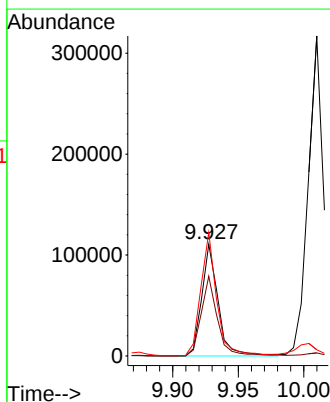
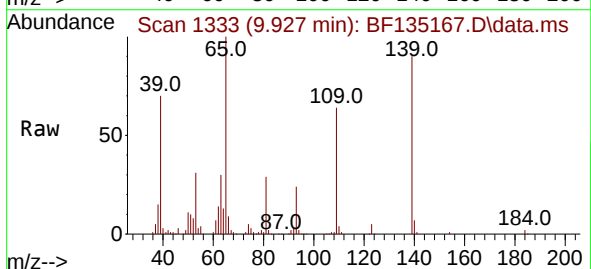
APPROVED

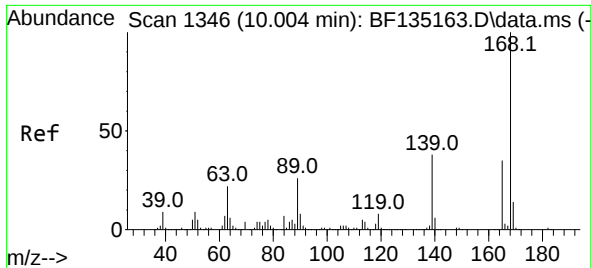
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 41.476 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:139 Resp: 96768
Ion Ratio Lower Upper
139 100
109 71.3 49.8 89.8
65 110.7 92.7 132.7





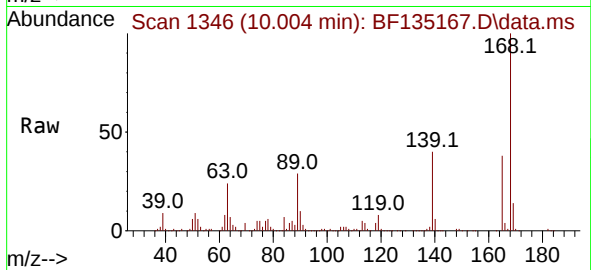
#57
2,4-Dinitrotoluene
Concen: 39.699 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

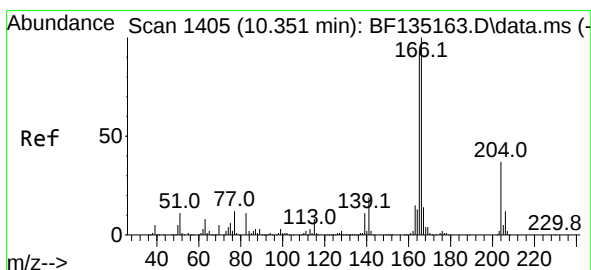
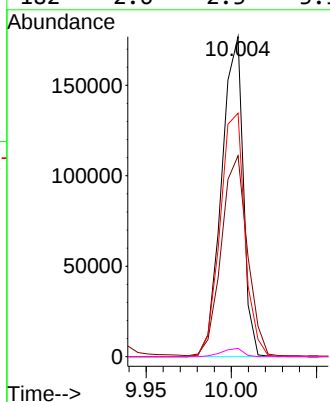
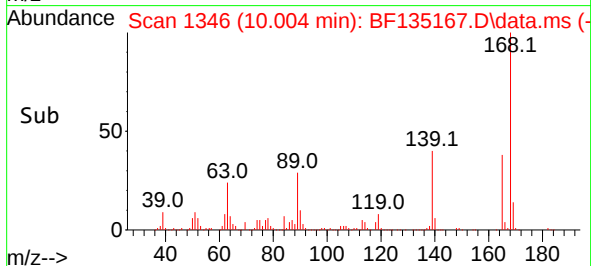


Tgt Ion:165 Resp: 155428
Ion Ratio Lower Upper
165 100
63 62.8 50.1 75.1
89 76.1 59.3 88.9
182 2.6 2.3 3.5

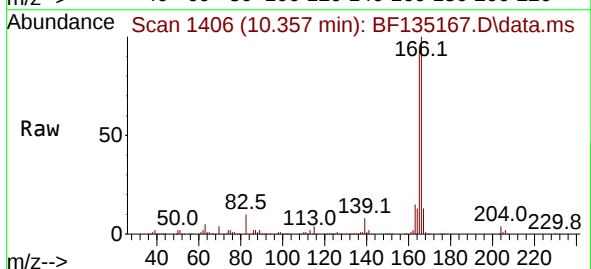
Manual Integrations

APPROVED

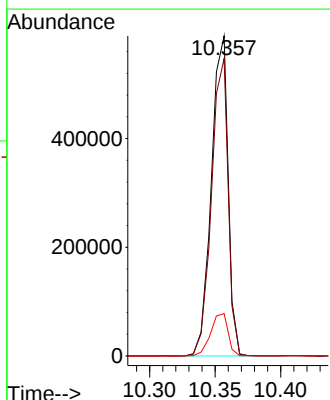
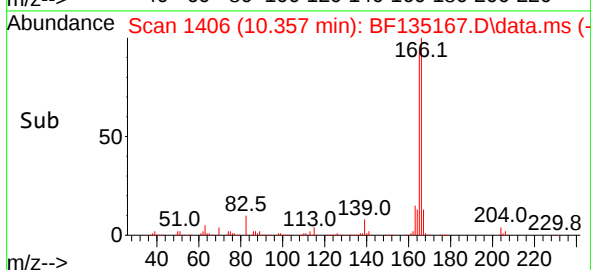
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#58
Fluorene
Concen: 38.645 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



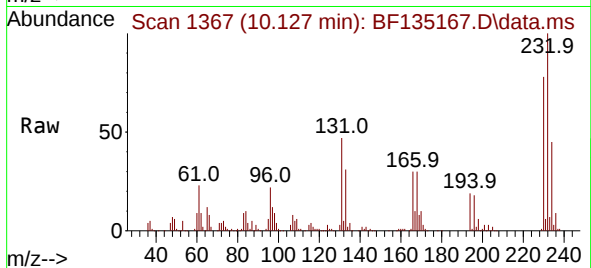
Tgt Ion:166 Resp: 524017
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.697 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

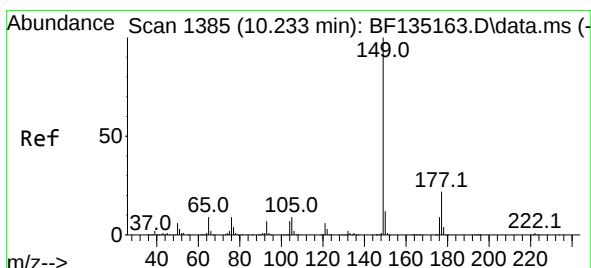
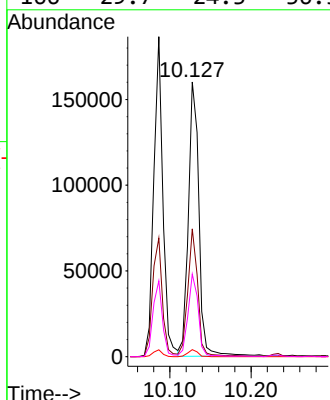
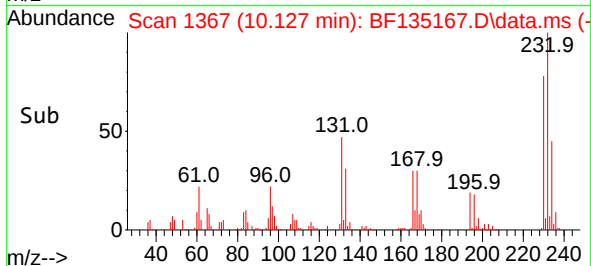
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



Tgt Ion:232 Resp: 14439
Ion Ratio Lower Upper
232 100
131 42.8 35.4 53.2
130 2.4 1.8 2.8
166 29.7 24.3 36.5

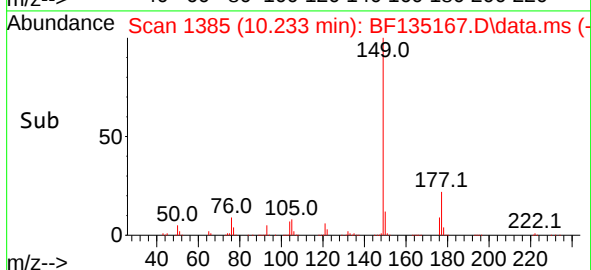
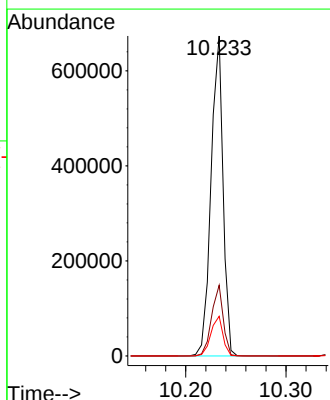
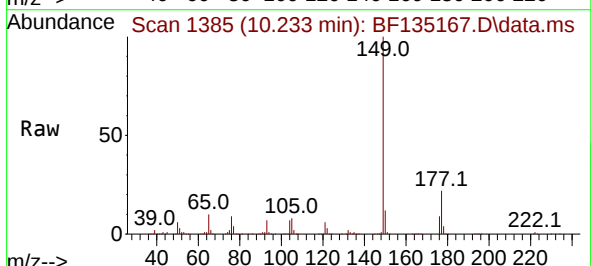
Manual Integrations
APPROVED

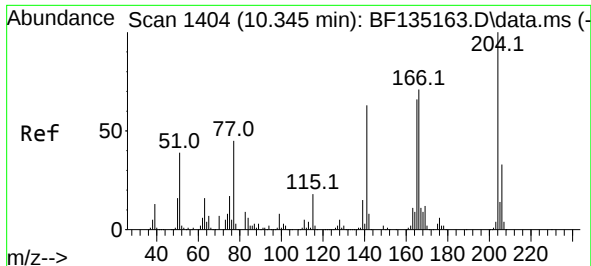
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 38.964 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

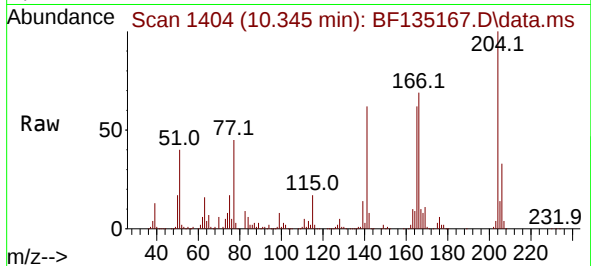
Tgt Ion:149 Resp: 558238
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.741 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

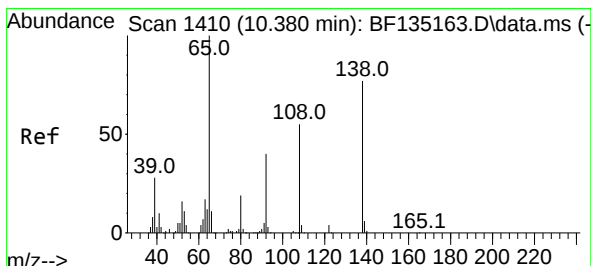
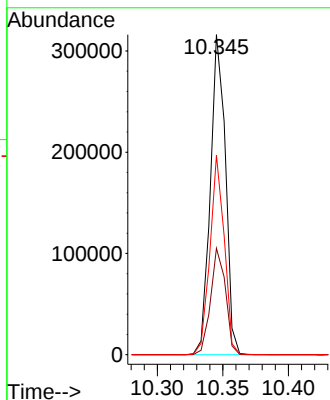
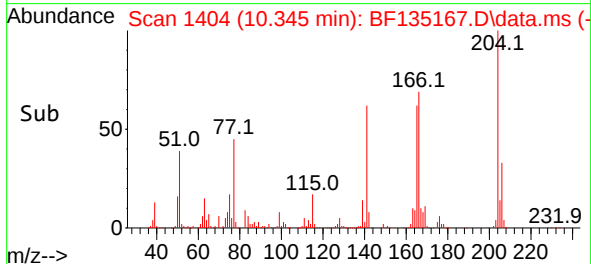
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



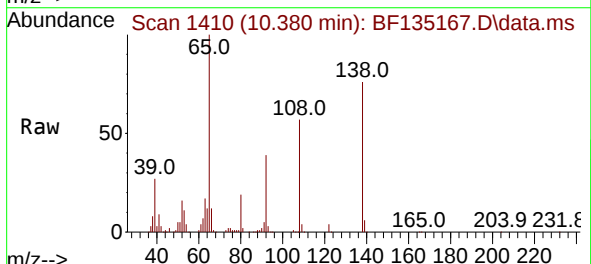
Tgt Ion:204 Resp: 252340
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 62.4 50.6 75.8

Manual Integrations
APPROVED

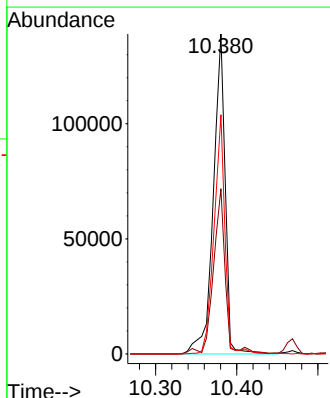
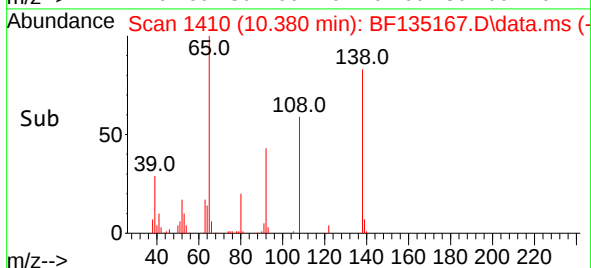
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

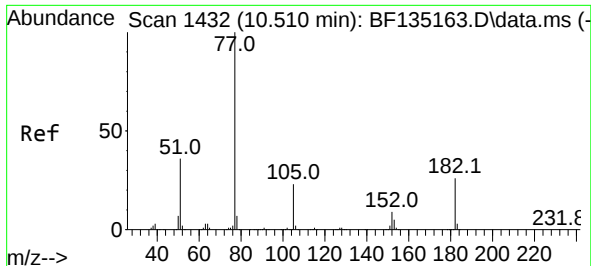


#62
4-Nitroaniline
Concen: 40.006 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:138 Resp: 141171
Ion Ratio Lower Upper
138 100
92 51.7 31.8 71.8
108 74.7 52.0 92.0





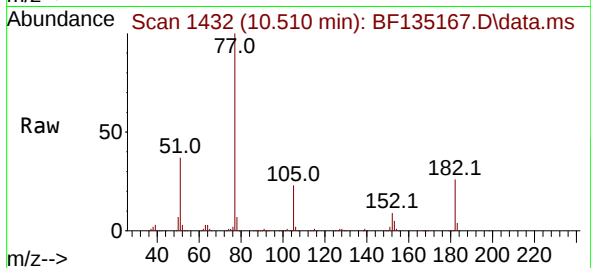
#63
Azobenzene
Concen: 39.170 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



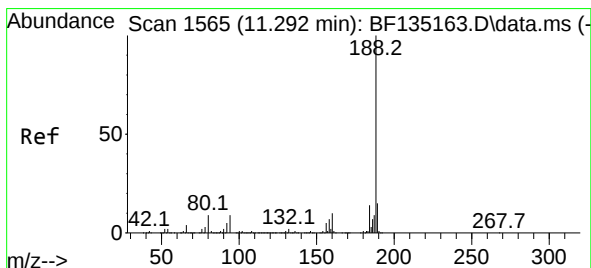
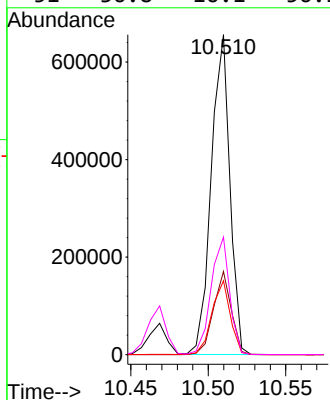
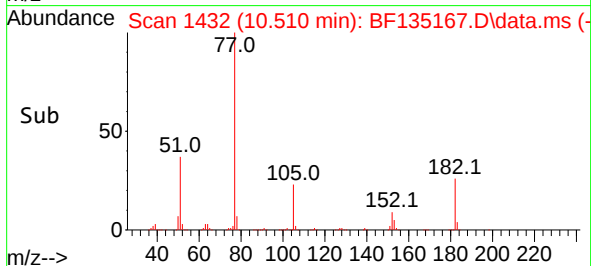
Tgt Ion: 77 Resp: 549229
Ion Ratio Lower Upper
77 100
182 26.0 6.4 46.4
105 23.1 3.1 43.1
51 36.8 16.1 56.1

Manual Integrations

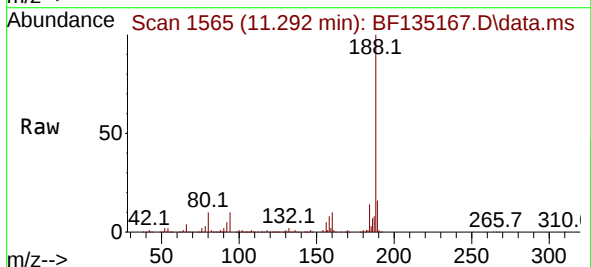
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

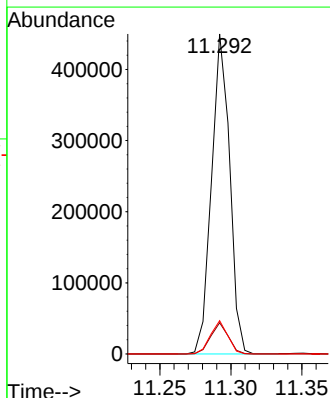
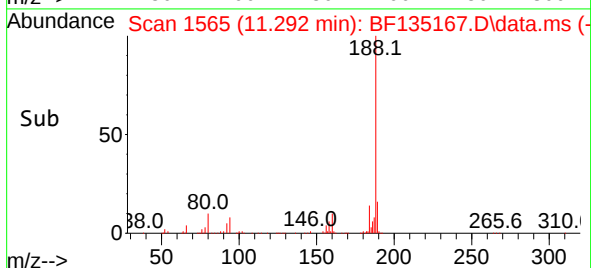
Supervised By :mohammad ahmed 09/13/2023

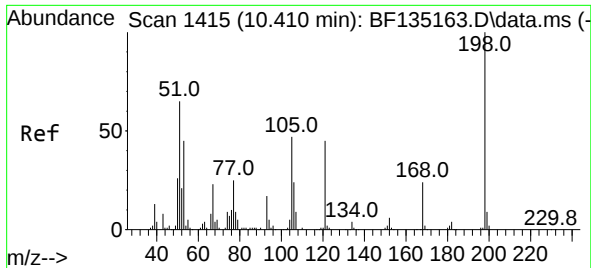


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:188 Resp: 400396
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.4 7.5 11.3





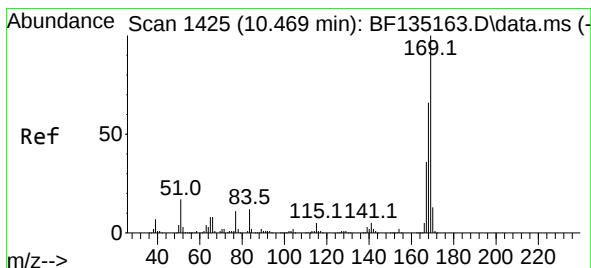
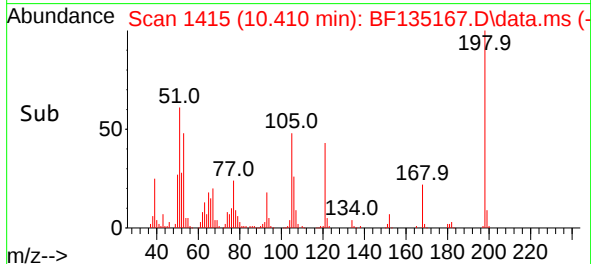
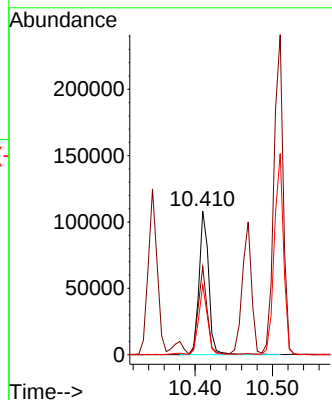
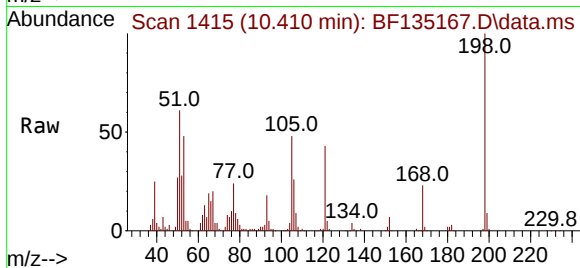
#65
4,6-Dinitro-2-methylphenol
Concen: 43.631 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091123

Tgt Ion:198 Resp: 9278
Ion Ratio Lower Upper
198 100
51 61.2 47.7 87.7
105 48.4 27.4 67.4

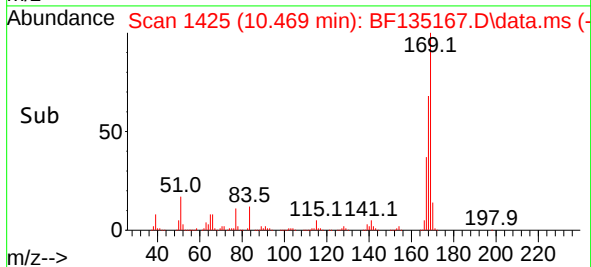
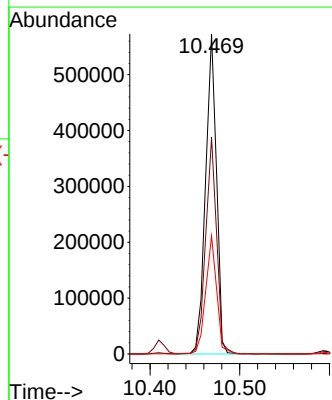
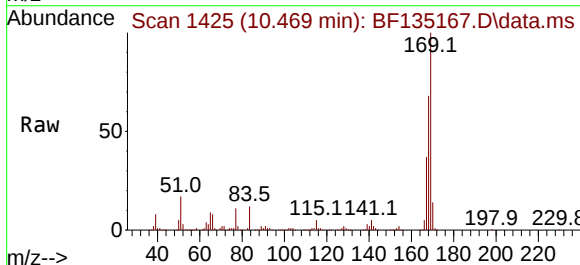
Manual Integrations
APPROVED

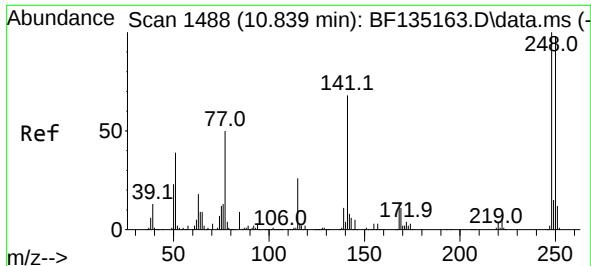
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 39.845 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

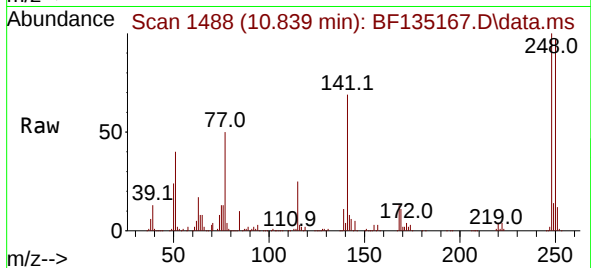
Tgt Ion:169 Resp: 482993
Ion Ratio Lower Upper
169 100
168 67.6 52.8 79.2
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.047 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

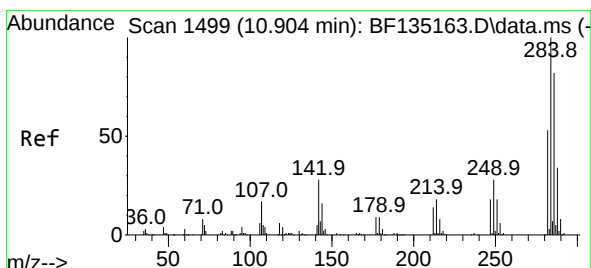
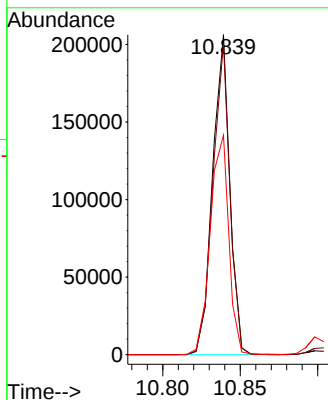
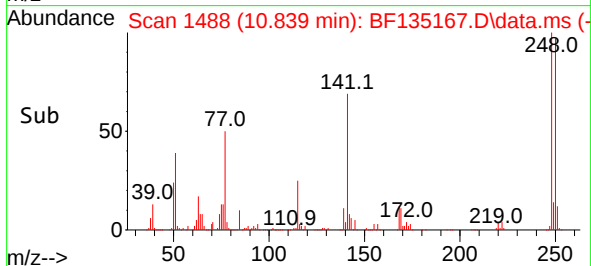
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



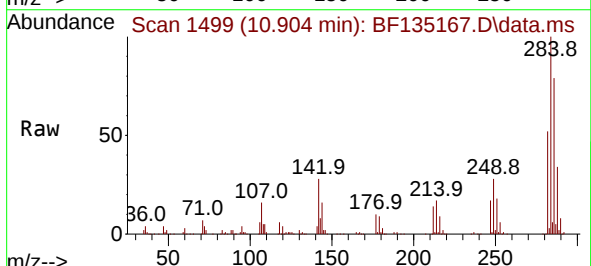
Tgt Ion:248 Resp: 159470
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 68.6 54.2 81.2

Manual Integrations
APPROVED

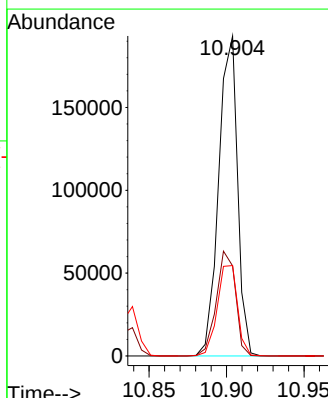
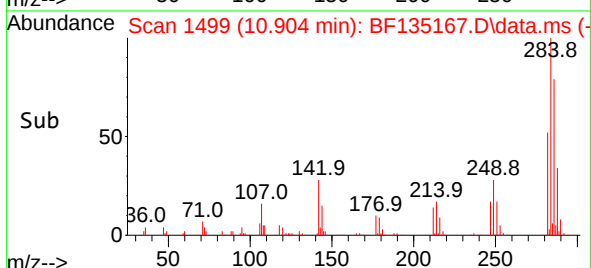
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

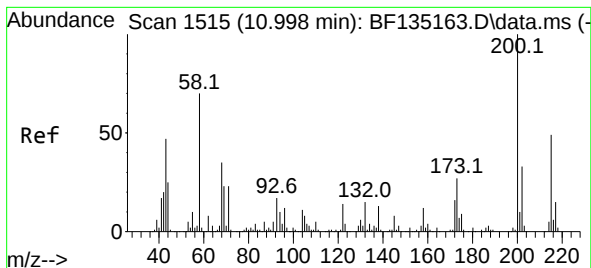


#68
Hexachlorobenzene
Concen: 40.254 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:284 Resp: 163309
Ion Ratio Lower Upper
284 100
142 28.2 22.2 33.4
249 28.2 22.5 33.7





#69

Atrazine

Concen: 39.471 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135167.D

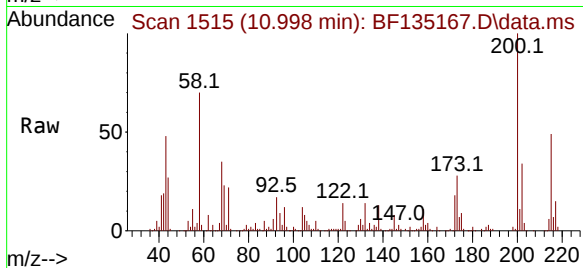
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



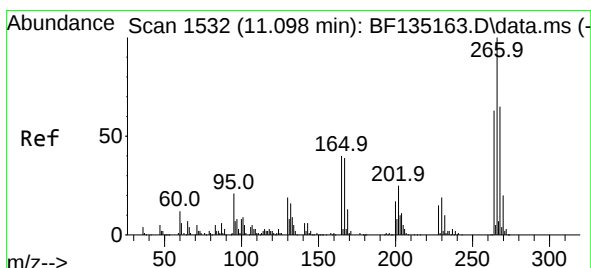
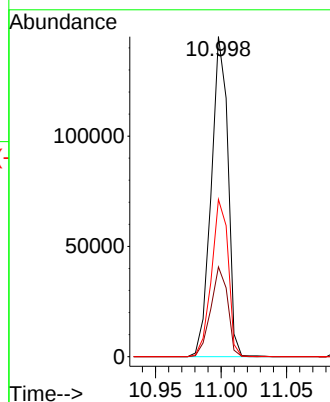
Tgt Ion:	200	Resp:	128739
Ion Ratio	Lower	Upper	
200	100		
173	28.1	7.4	47.4
215	49.2	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 41.563 ng

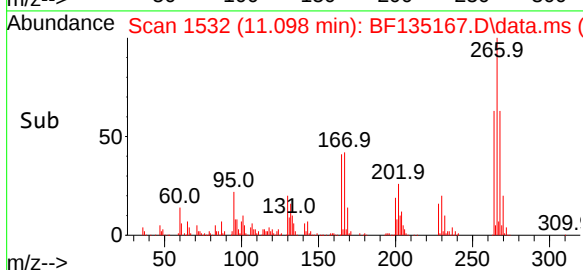
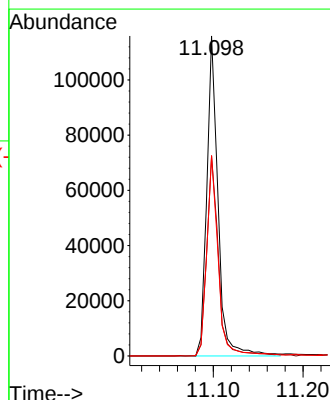
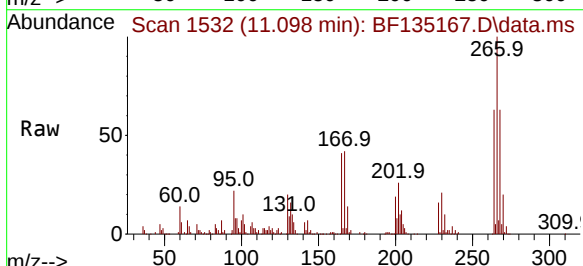
RT: 11.098 min Scan# 1532

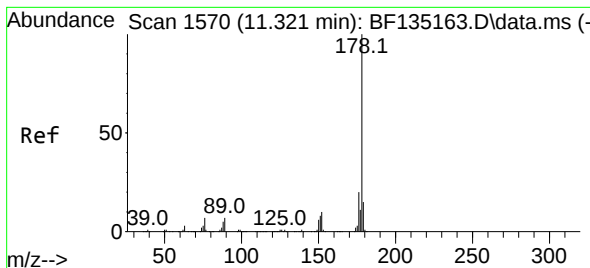
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:	266	Resp:	100885
Ion Ratio	Lower	Upper	
266	100		
268	62.6	52.1	78.1
264	62.6	50.8	76.2





#71

Phenanthrene

Concen: 39.538 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

Tgt Ion:178 Resp: 748730

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

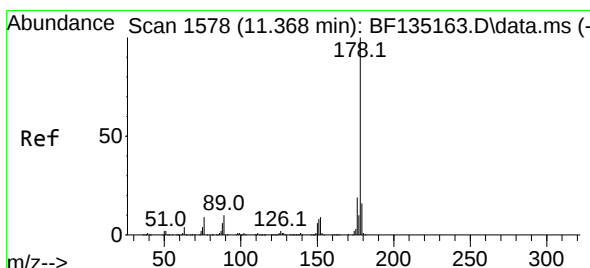
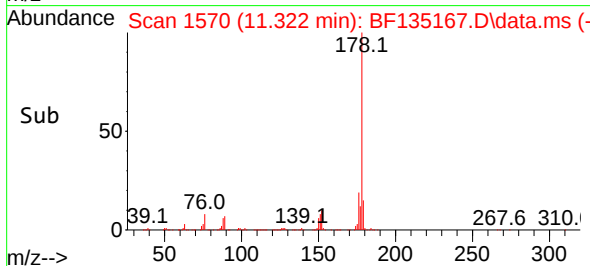
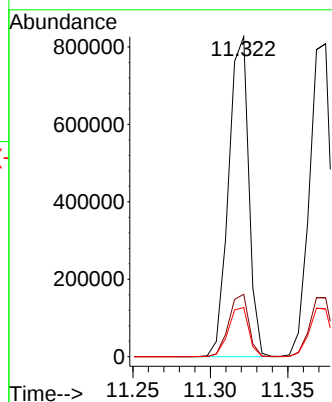
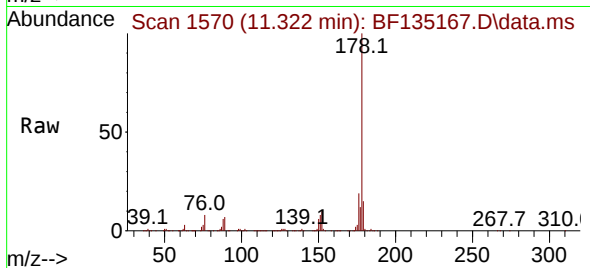
179 15.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#72

Anthracene

Concen: 39.801 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

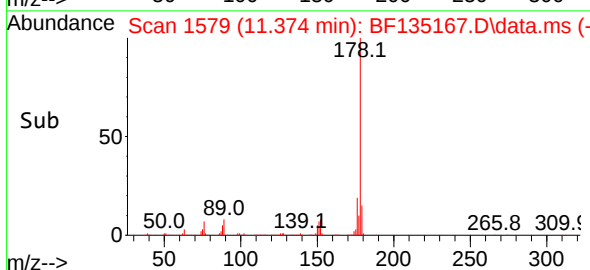
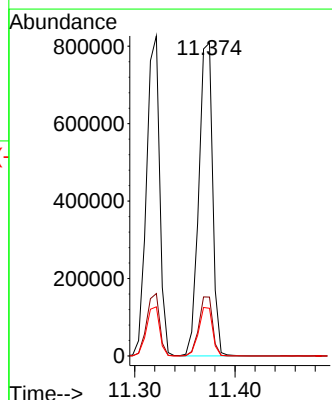
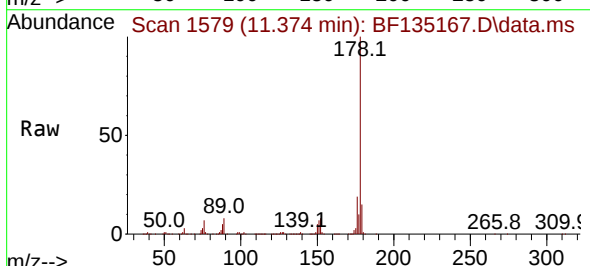
Tgt Ion:178 Resp: 774733

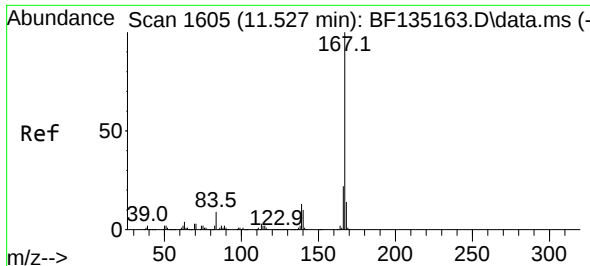
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.6 19.0





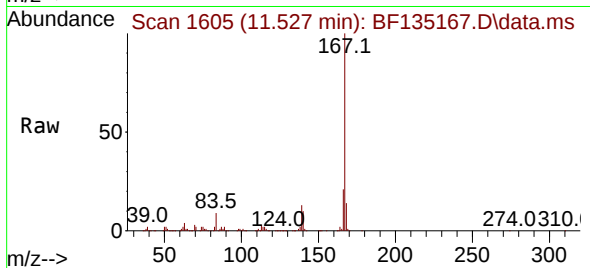
#73
 Carbazole
 Concen: 40.433 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135167.D
 Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123



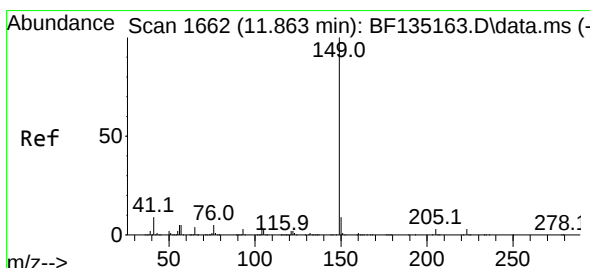
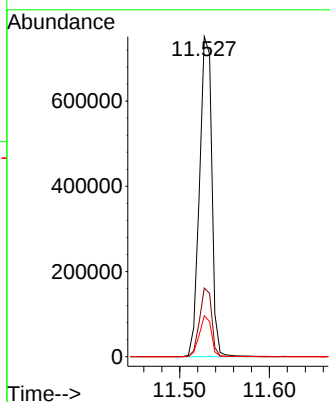
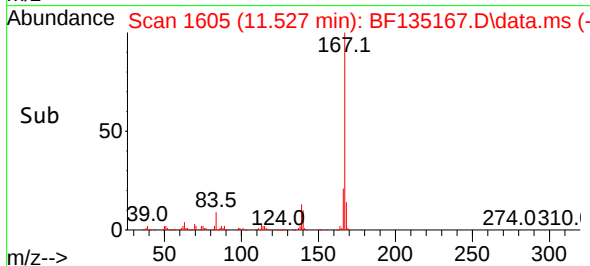
Tgt Ion:167 Resp: 716454
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.8 10.6 15.8

Manual Integrations

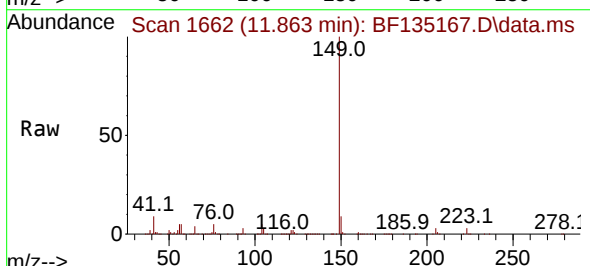
APPROVED

Reviewed By :Yogesh Patel 09/12/2023

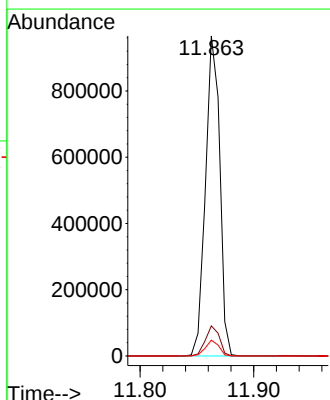
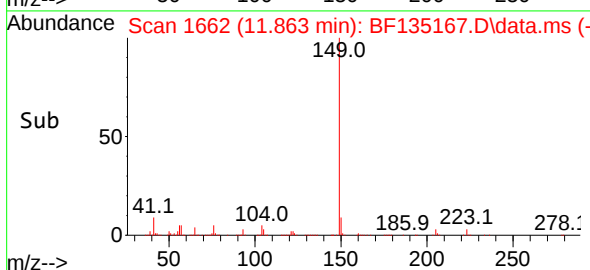
Supervised By :mohammad ahmed 09/13/2023

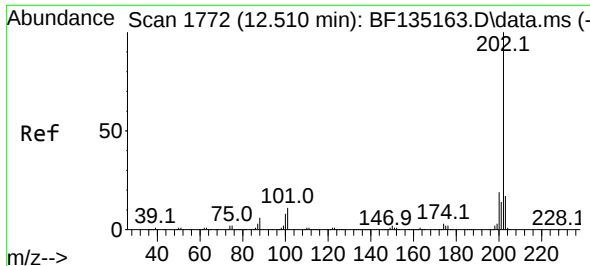


#74
 Di-n-butylphthalate
 Concen: 40.258 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135167.D
 Acq: 11 Sep 2023 17:08



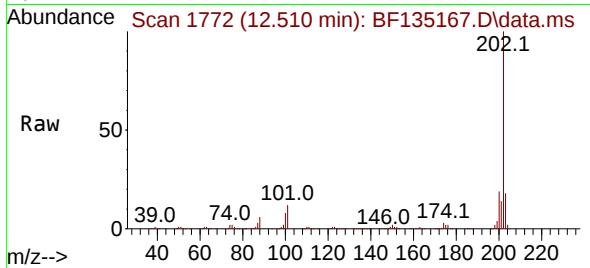
Tgt Ion:149 Resp: 840588
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 40.011 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

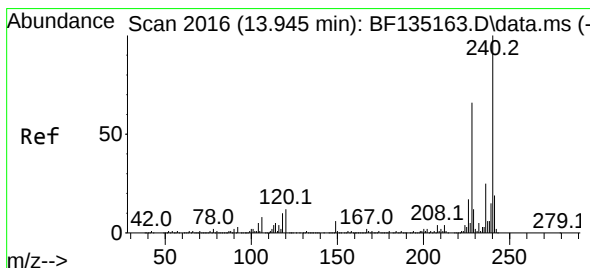
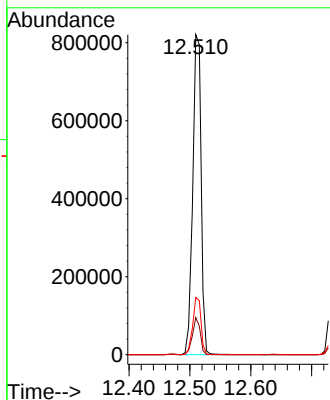
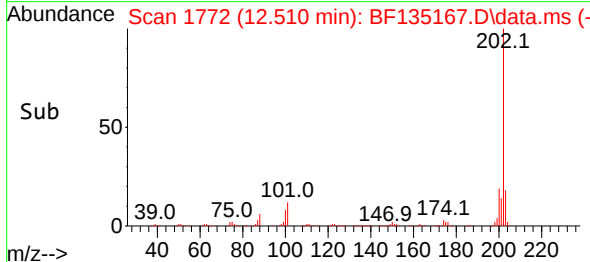
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



Tgt Ion:202 Resp: 78950
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.3
203 17.9 0.0 37.4

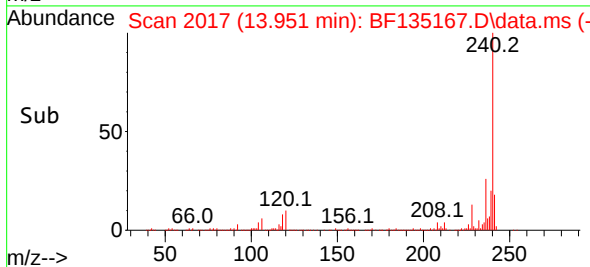
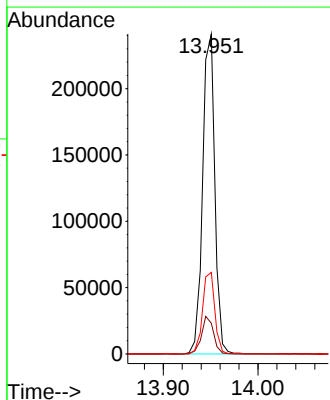
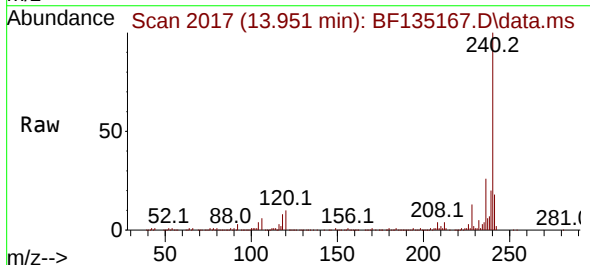
Manual Integrations
APPROVED

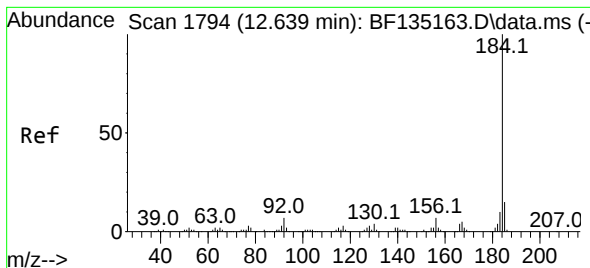
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Tgt Ion:240 Resp: 216512
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.2
236 25.5 19.8 29.8





#77

Benzidine

Concen: 34.539 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

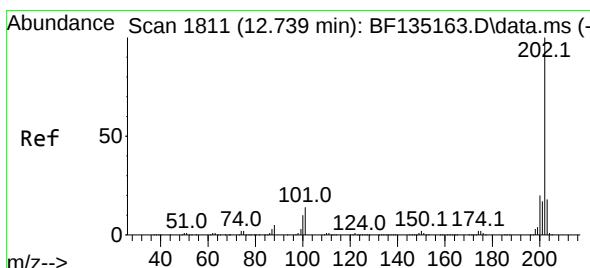
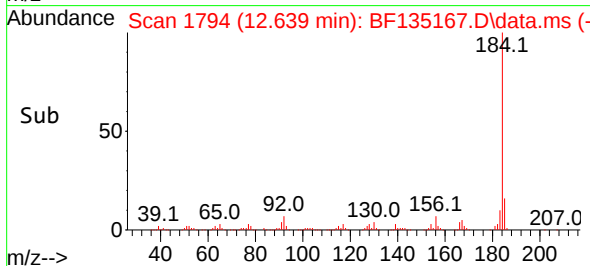
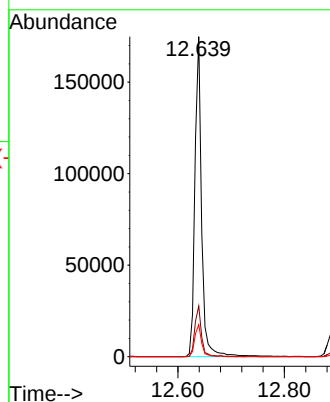
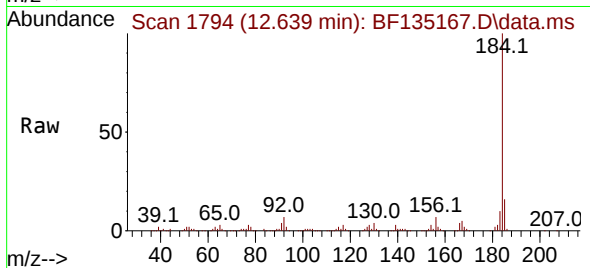
Tgt Ion:	184	Resp:	15320
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.7	17.5
183	10.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 38.727 ng

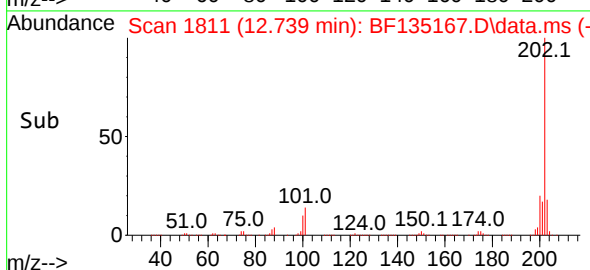
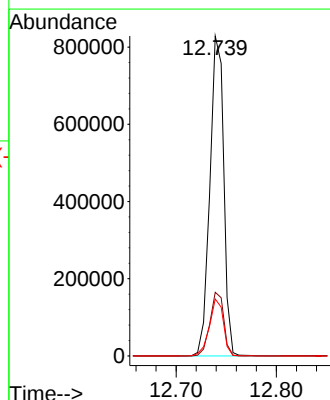
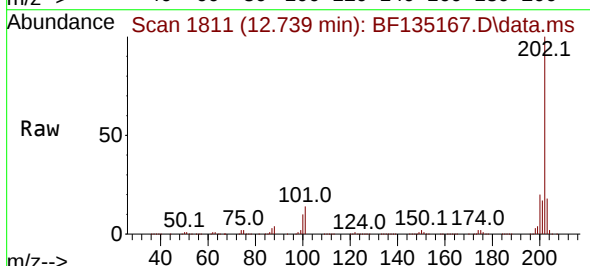
RT: 12.739 min Scan# 1811

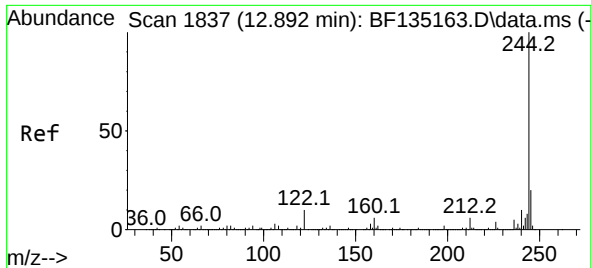
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:	202	Resp:	798299
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.2
203	17.8	14.2	21.4





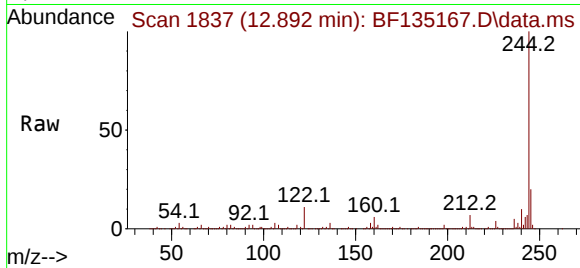
#79
 Terphenyl-d14
 Concen: 76.201 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135167.D
 Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

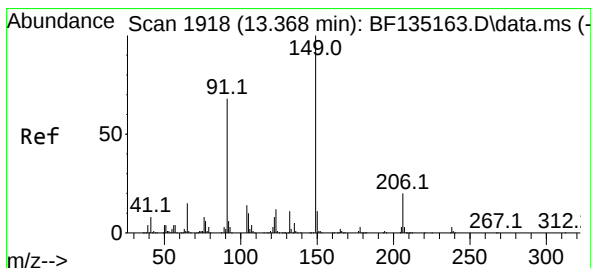
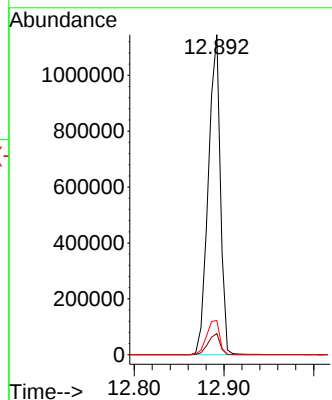
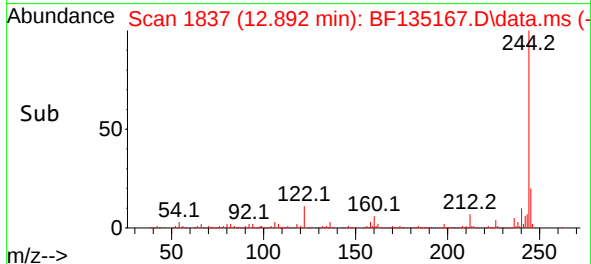


Tgt Ion:244 Resp: 1064284
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.7 7.9 11.9

Manual Integrations

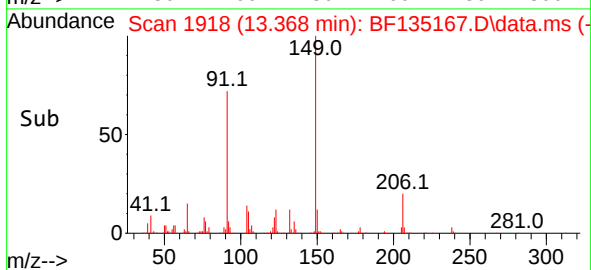
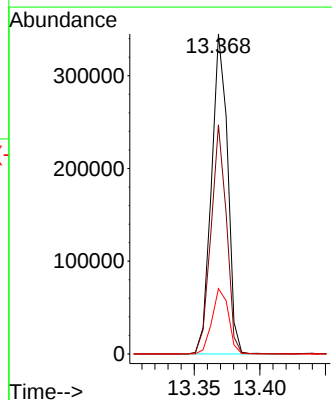
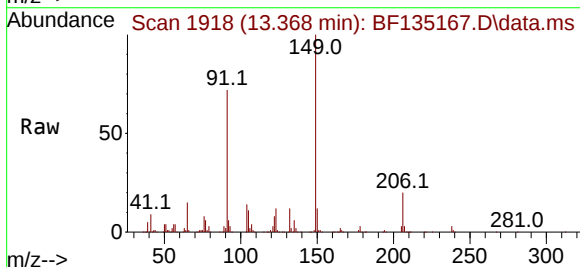
APPROVED

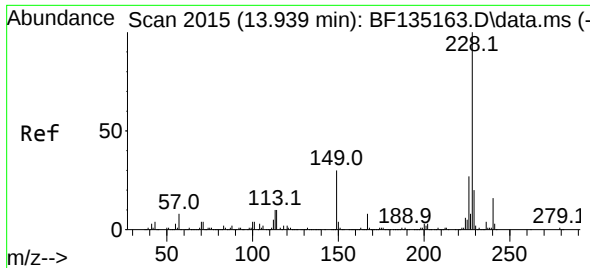
Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023



#80
 Butylbenzylphthalate
 Concen: 40.785 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135167.D
 Acq: 11 Sep 2023 17:08

Tgt Ion:149 Resp: 296002
 Ion Ratio Lower Upper
 149 100
 91 71.6 54.7 82.1
 206 20.4 16.3 24.5





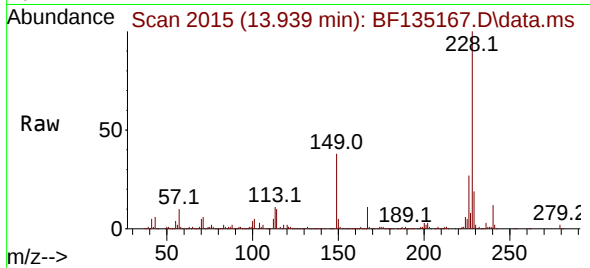
#81
Benzo(a)anthracene
Concen: 39.095 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

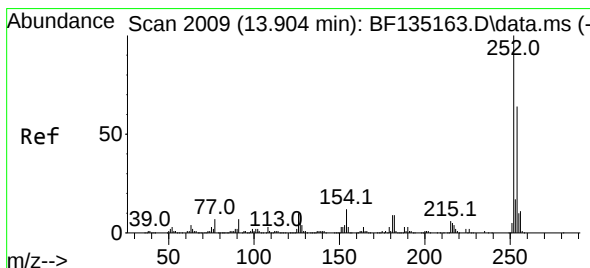
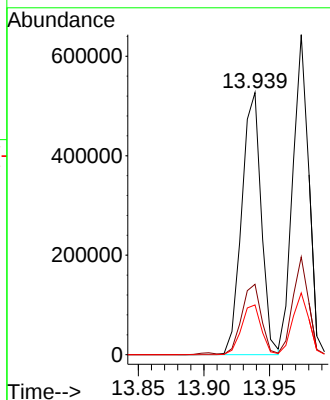
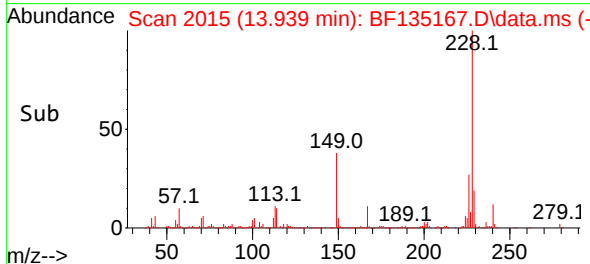


Tgt Ion:228 Resp: 546580
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.0 15.8 23.8

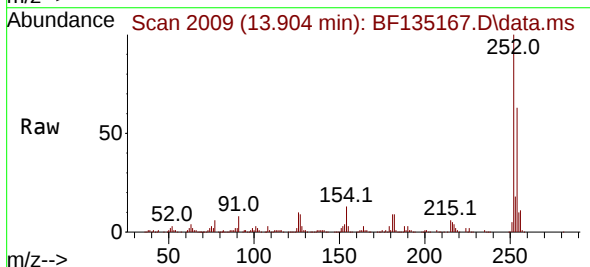
Manual Integrations

APPROVED

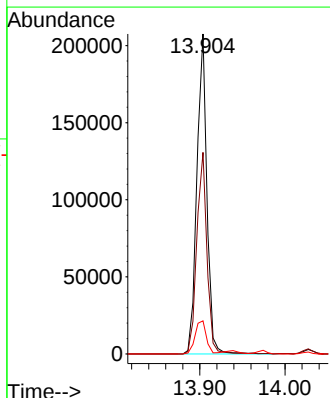
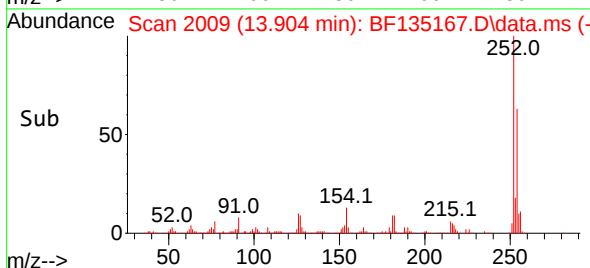
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

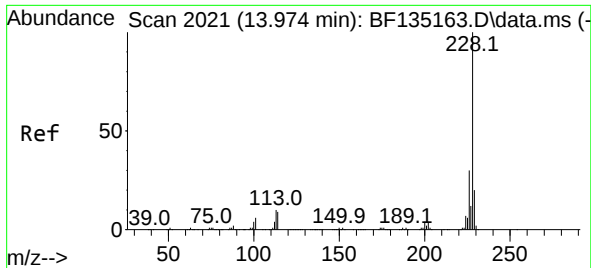


#82
3,3'-Dichlorobenzidine
Concen: 38.961 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



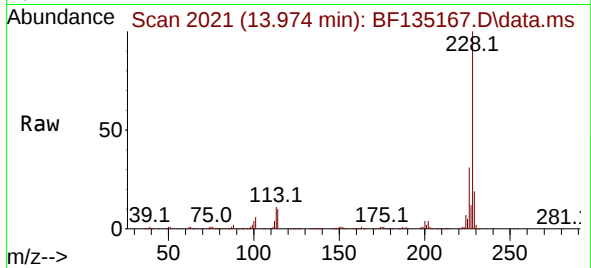
Tgt Ion:252 Resp: 170142
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 10.4 7.8 11.8





#83
Chrysene
Concen: 39.270 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

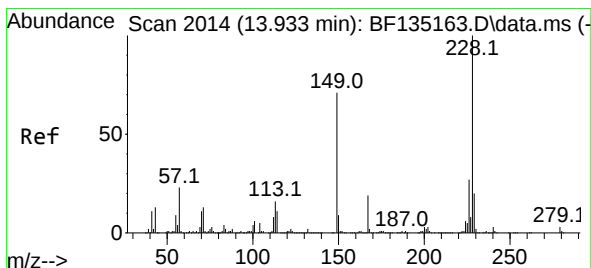
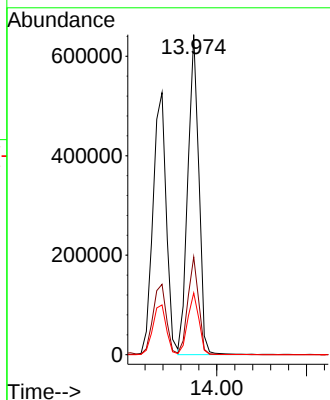
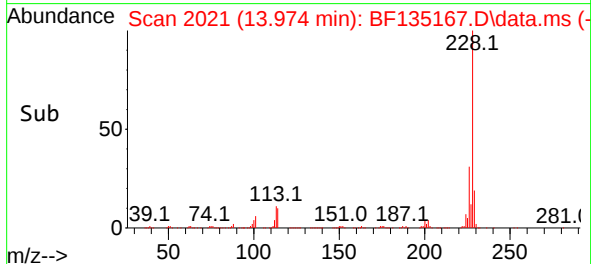
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



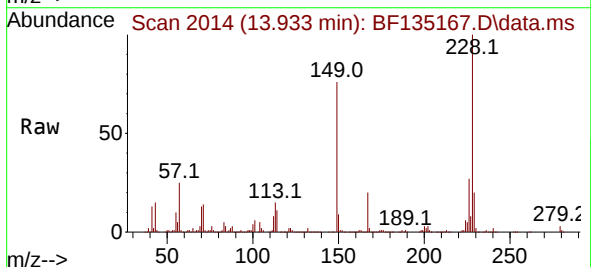
Tgt Ion:228 Resp: 54586
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.3 16.0 24.0

Manual Integrations
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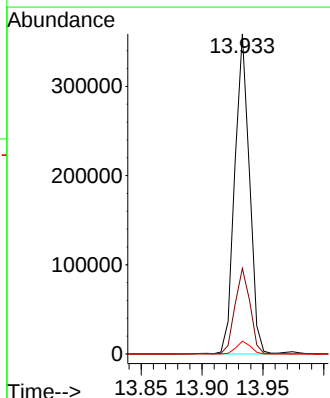
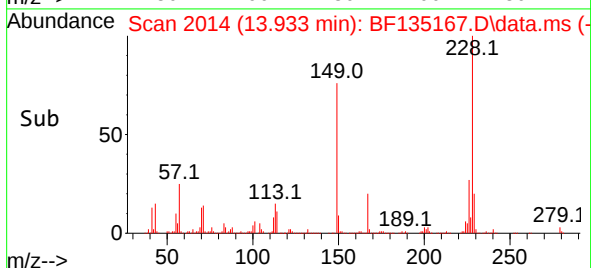
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

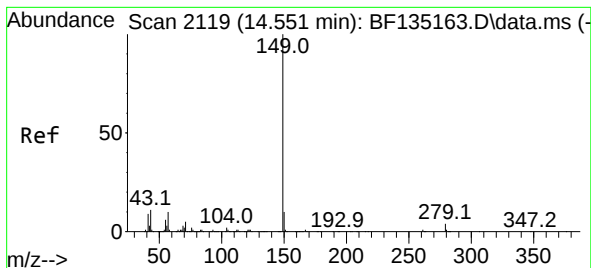


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.393 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



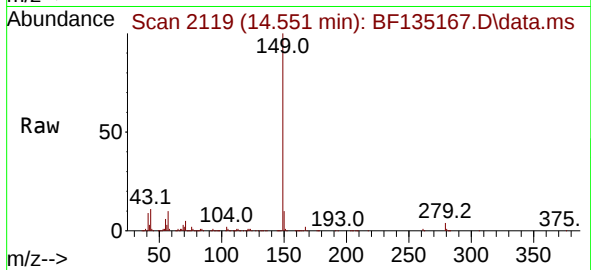
Tgt Ion:149 Resp: 300833
Ion Ratio Lower Upper
149 100
167 26.7 21.9 32.9
279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 40.882 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

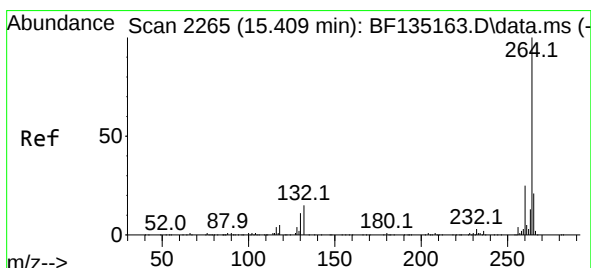
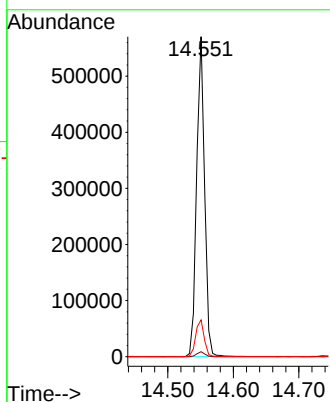
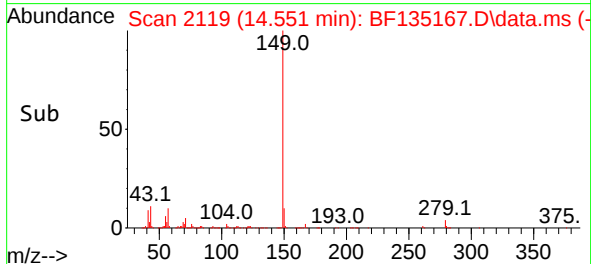
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



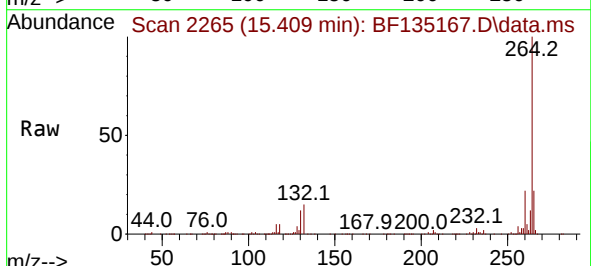
Tgt Ion:149 Resp: 483870
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.5 9.8 14.6

Manual Integrations
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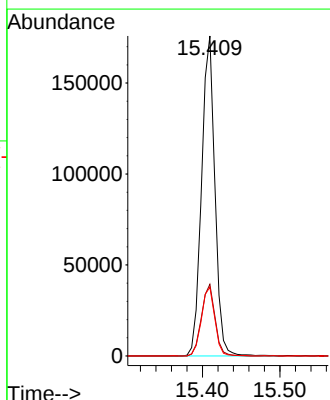
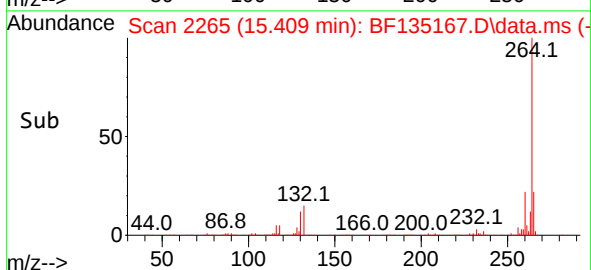
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

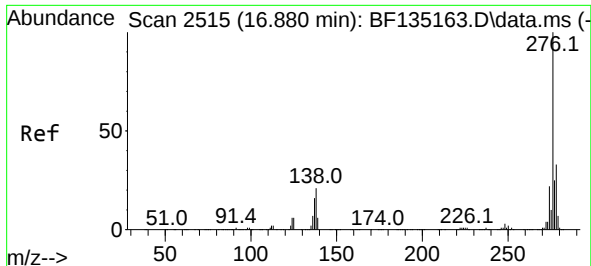


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:264 Resp: 210063
Ion Ratio Lower Upper
264 100
260 22.4 19.8 29.6
265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.306 ng

RT: 16.886 min Scan# 2193

Delta R.T. 0.006 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

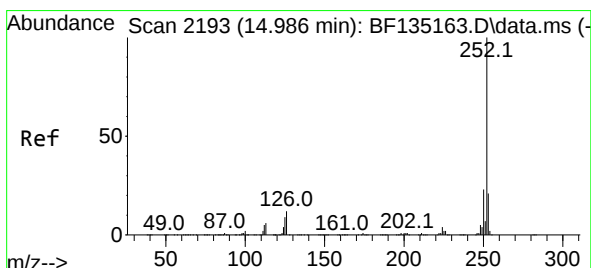
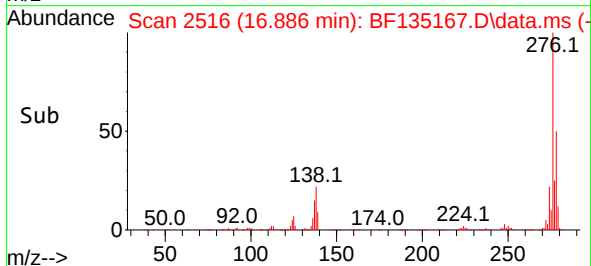
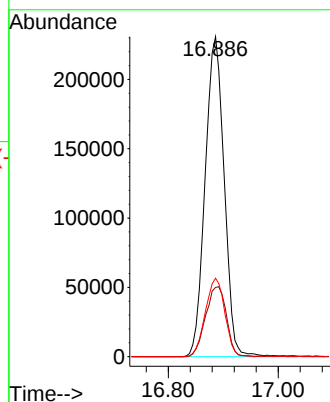
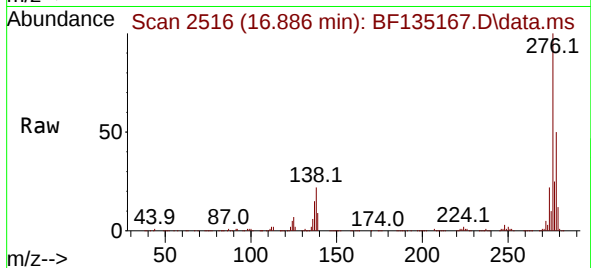
Tgt Ion:276 Resp: 555134
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.2 28.8
 277 25.1 19.7 29.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#88

Benzo(b)fluoranthene

Concen: 39.203 ng

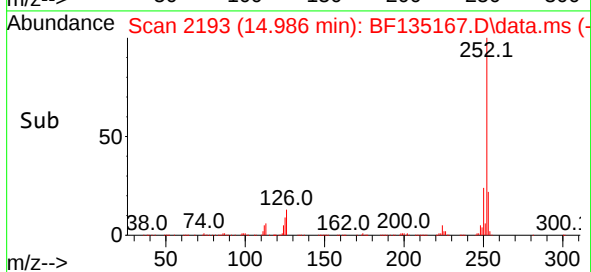
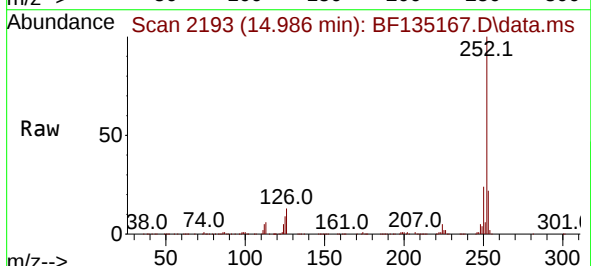
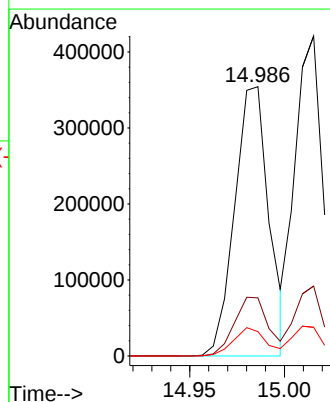
RT: 14.986 min Scan# 2193

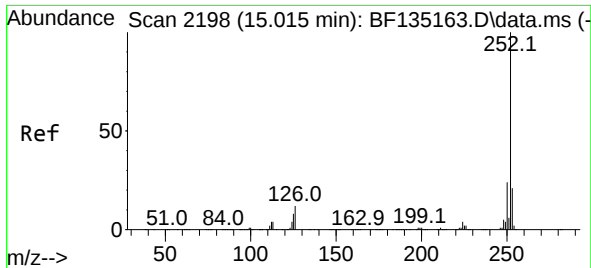
Delta R.T. 0.000 min

Lab File: BF135167.D

Acq: 11 Sep 2023 17:08

Tgt Ion:252 Resp: 445799
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.2 25.8
 125 9.0 7.1 10.7





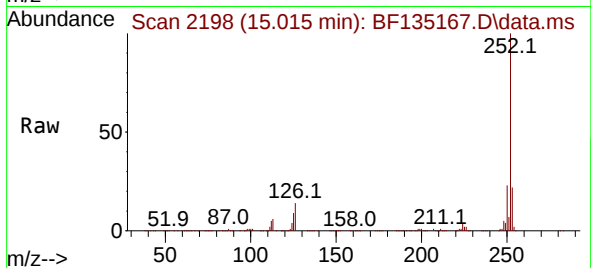
#89
Benzo(k)fluoranthene
Concen: 38.767 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091123

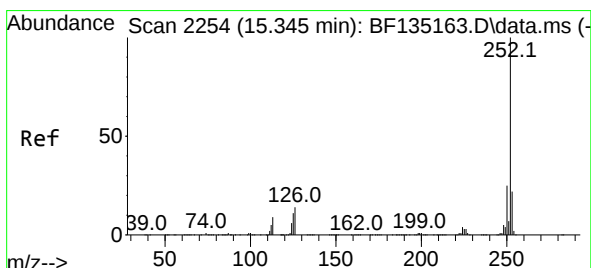
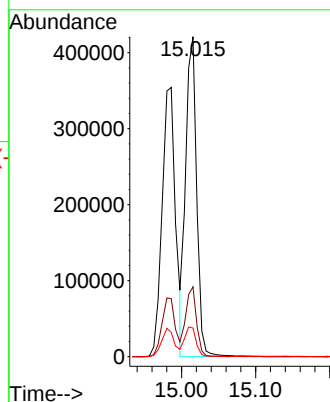
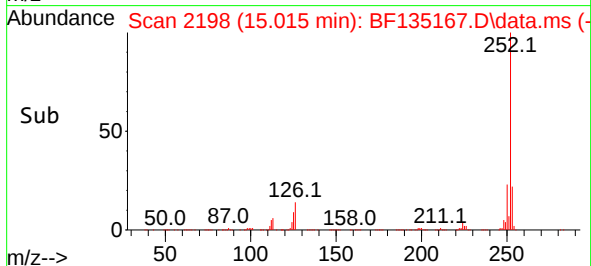


Tgt Ion:252 Resp: 435464
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.0 7.2 10.8

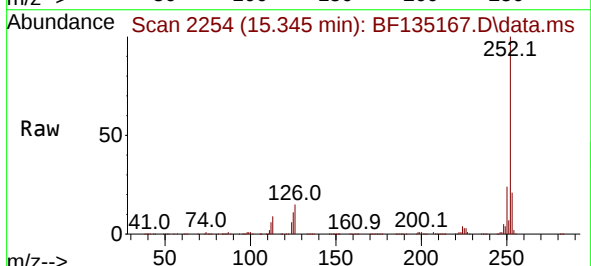
Manual Integrations

APPROVED

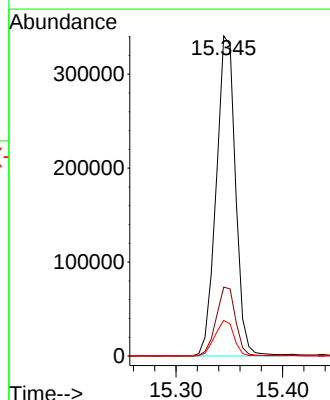
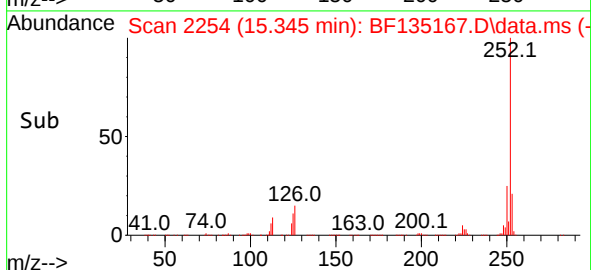
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

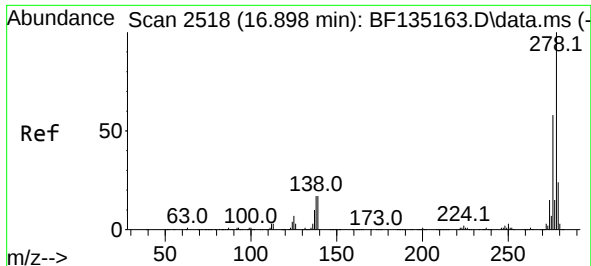


#90
Benzo(a)pyrene
Concen: 39.466 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



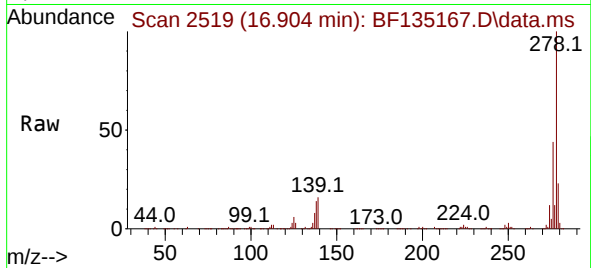
Tgt Ion:252 Resp: 427976
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 40.293 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08

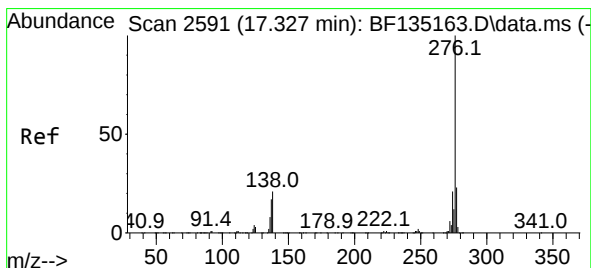
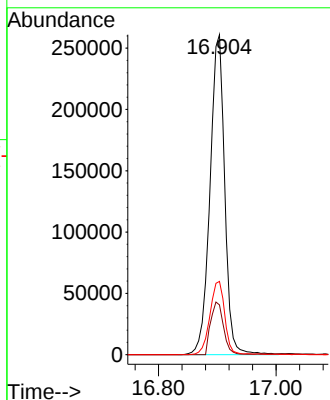
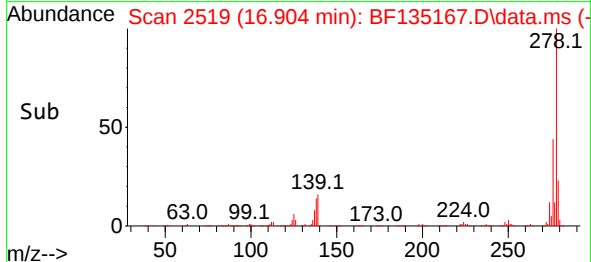
Instrument :
BNA_F
ClientSampleId :
ICVBF091123



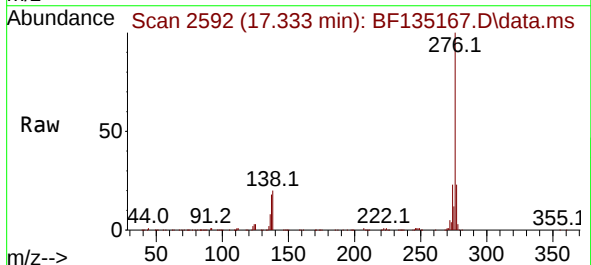
Tgt Ion:278 Resp: 45407
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 22.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 40.838 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135167.D
Acq: 11 Sep 2023 17:08



Tgt Ion:276 Resp: 480639
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 20.2 16.9 25.3

