

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135188.D
 Acq On : 12 Sep 2023 18:48
 Operator : CG\JU
 Sample : 04305-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMS

Quant Time: Sep 13 02:43:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	112610	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	435545	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	229278	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	468853	20.000	ng	0.00
76) Chrysene-d12	13.951	240	255879	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	228242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	868952	125.504	ng	0.03
7) Phenol-d6	6.416	99	1049212	119.176	ng	0.01
23) Nitrobenzene-d5	7.334	82	745283	92.966	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	327584	143.774	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1348655	88.746	ng	0.00
79) Terphenyl-d14	12.892	244	1452198	87.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	121920	40.169	ng	# 82
3) Pyridine	3.428	79	280634	34.354	ng	97
4) n-Nitrosodimethylamine	3.357	42	202555	46.727	ng	97
6) Aniline	6.434	93	238566	20.664	ng	# 73
8) 2-Chlorophenol	6.551	128	359929	48.698	ng	99
9) Benzaldehyde	6.322	77	88970	17.739	ng	99
10) Phenol	6.428	94	385514	39.934	ng	98
11) bis(2-Chloroethyl)ether	6.510	93	368163	50.841	ng	99
12) 1,3-Dichlorobenzene	6.704	146	343748	45.763	ng	98
13) 1,4-Dichlorobenzene	6.781	146	350651	45.884	ng	98
14) 1,2-Dichlorobenzene	6.934	146	337530	47.560	ng	99
15) Benzyl Alcohol	6.916	79	315120	49.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	624767	45.772	ng	96
17) 2-Methylphenol	7.028	107	288242	44.193	ng	97
18) Hexachloroethane	7.269	117	131587	46.601	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	248697	45.607	ng	98
20) 3+4-Methylphenols	7.181	107	332424	42.386	ng	98
22) Acetophenone	7.181	105	481114	48.316	ng	99
24) Nitrobenzene	7.351	77	380637	48.038	ng	100
25) Isophorone	7.592	82	709152	48.173	ng	99
26) 2-Nitrophenol	7.663	139	192079	50.508	ng	98
27) 2,4-Dimethylphenol	7.704	122	285584	44.676	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	435176	49.391	ng	99
29) 2,4-Dichlorophenol	7.904	162	297440	50.216	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	302710	48.894	ng	99
31) Naphthalene	8.063	128	1016387	48.029	ng	99
32) Benzoic acid	7.828	122	144238m	29.966	ng	
33) 4-Chloroaniline	8.116	127	156892	16.898	ng	98
34) Hexachlorobutadiene	8.181	225	179484	48.079	ng	98
35) Caprolactam	8.498	113	89752m	45.148	ng	
36) 4-Chloro-3-methylphenol	8.610	107	334832	50.862	ng	98
37) 2-Methylnaphthalene	8.757	142	655280	46.066	ng	100
38) 1-Methylnaphthalene	8.857	142	638230	47.923	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	313448	47.189	ng	99
41) Hexachlorocyclopentadiene	8.910	237	250488	85.068	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	217262	49.956	ng	99

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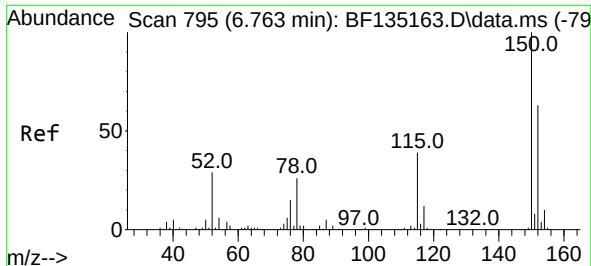
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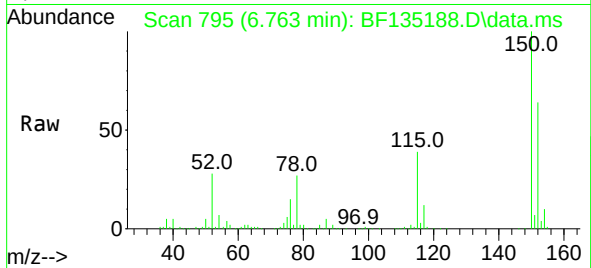
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	243750	48.668	ng	98
46) 1,1'-Biphenyl	9.228	154	843098	47.850	ng	100
47) 2-Chloronaphthalene	9.251	162	632680	49.490	ng	99
48) 2-Nitroaniline	9.351	65	248842	50.103	ng	97
49) Acenaphthylene	9.669	152	1067055	50.223	ng	100
50) Dimethylphthalate	9.534	163	793683	51.200	ng	99
51) 2,6-Dinitrotoluene	9.598	165	170557	50.225	ng	88
52) Acenaphthene	9.839	154	602997	48.043	ng	98
53) 3-Nitroaniline	9.763	138	141061	35.387	ng	97
54) 2,4-Dinitrophenol	9.875	184	121585	64.391	ng	92
55) Dibenzofuran	10.010	168	901109	47.048	ng	98
56) 4-Nitrophenol	9.939	139	255878	101.001	ng	96
57) 2,4-Dinitrotoluene	10.004	165	209533	49.286	ng	# 90
58) Fluorene	10.357	166	705829	47.937	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	200269	51.982	ng	99
60) Diethylphthalate	10.239	149	770885	49.552	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	332530	47.015	ng	100
62) 4-Nitroaniline	10.386	138	192896	50.342	ng	98
63) Azobenzene	10.510	77	743882	48.857	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	97873	39.303	ng	90
66) n-Nitrosodiphenylamine	10.475	169	661907	46.632	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	222280	47.668	ng	98
68) Hexachlorobenzene	10.904	284	238194	50.140	ng	97
69) Atrazine	11.004	200	214803	56.241	ng	99
70) Pentachlorophenol	11.104	266	268949	94.624	ng	97
71) Phenanthrene	11.322	178	1067141	48.124	ng	99
72) Anthracene	11.375	178	1087339	47.704	ng	99
73) Carbazole	11.533	167	1025469	49.422	ng	99
74) Di-n-butylphthalate	11.863	149	1230895	50.344	ng	99
75) Fluoranthene	12.516	202	1162922	50.330	ng	98
77) Benzidine	12.639	184	273505	52.174	ng	99
78) Pyrene	12.745	202	1143721	46.948	ng	100
80) Butylbenzylphthalate	13.369	149	462396	53.909	ng	96
81) Benzo(a)anthracene	13.939	228	801308	48.497	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	205459	39.810	ng	99
83) Chrysene	13.974	228	792072	48.216	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	487693	55.408	ng	99
85) Di-n-octyl phthalate	14.551	149	744047	53.192	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	739308	49.402	ng	99
88) Benzo(b)fluoranthene	14.986	252	638618	51.687	ng	99
89) Benzo(k)fluoranthene	15.016	252	591389	48.454	ng	98
90) Benzo(a)pyrene	15.351	252	550914	46.756	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	598213	48.855	ng	98
92) Benzo(g,h,i)perylene	17.339	276	638651	49.942	ng	100

(#) = 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: BF135188.D
Acq: 12 Sep 2023 18:48

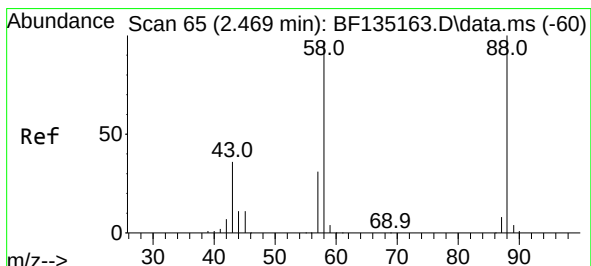
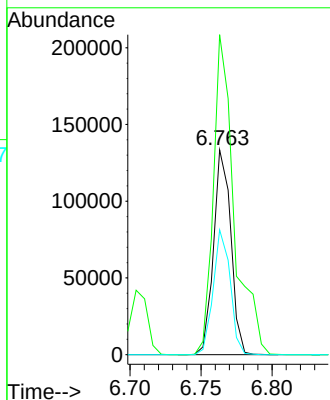
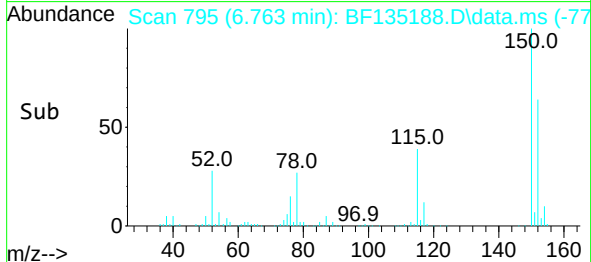
Instrument :
BNA_F
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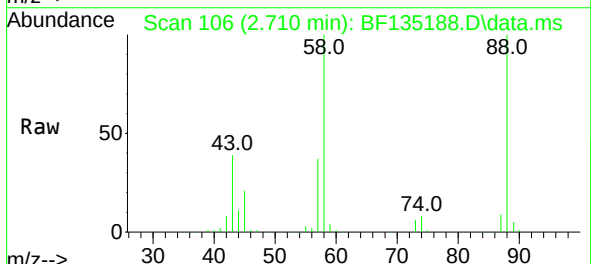
Tgt Ion: 152 Resp: 112610
Ion Ratio Lower Upper
152 100
150 156.3 127.8 191.6
115 61.0 49.8 74.8

Manual Integrations
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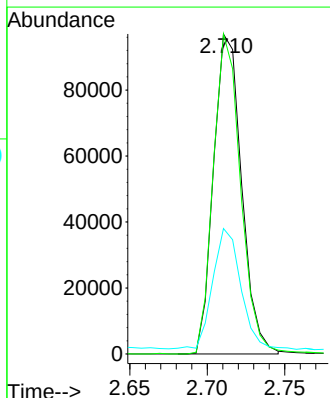
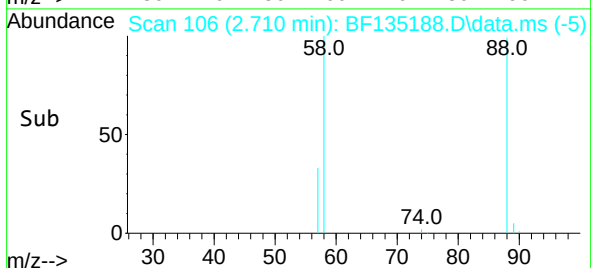
Reviewed By :Yogesh Patel 09/13/2023
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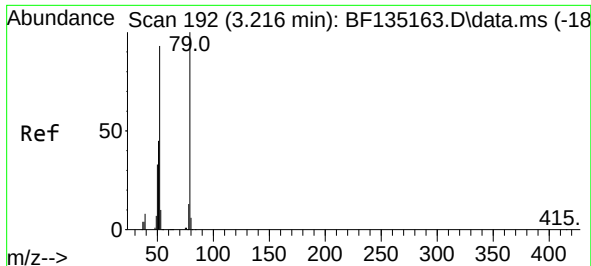


#2
1,4-Dioxane
Concen: 40.169 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.241 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



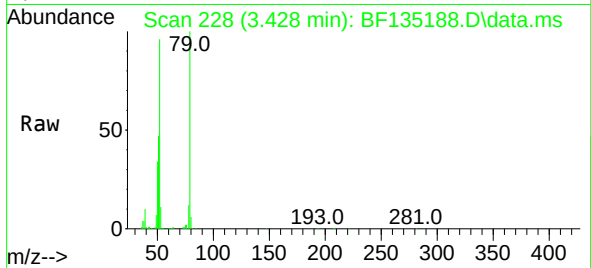
Tgt Ion: 88 Resp: 121920
Ion Ratio Lower Upper
88 100
58 97.0 78.3 117.5
43 0.0 29.4 44.0





#3
Pyridine
Concen: 34.354 ng
RT: 3.428 min Scan# 216
Delta R.T. 0.212 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

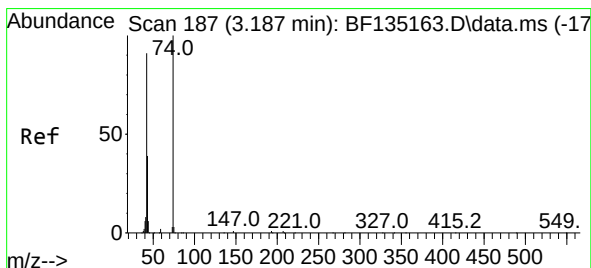
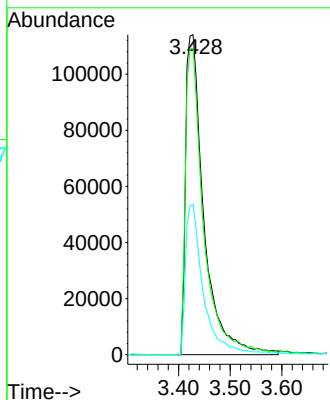
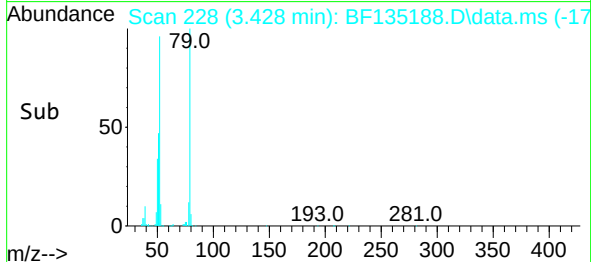
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BNA_F
ClientSampleId :
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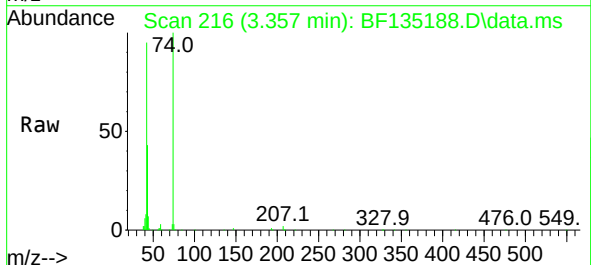
Tgt Ion: 79 Resp: 280634
Ion Ratio Lower Upper
79 100
52 95.6 74.1 111.1
51 46.9 35.8 53.8

Manual Integrations
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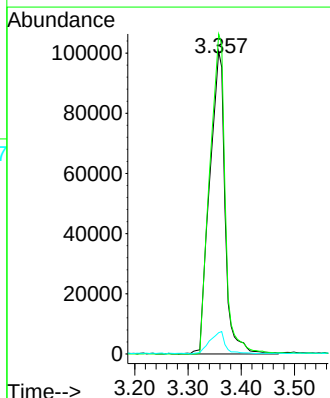
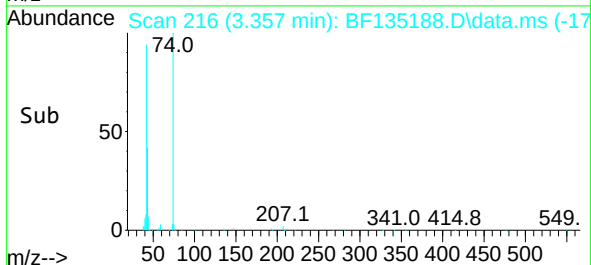
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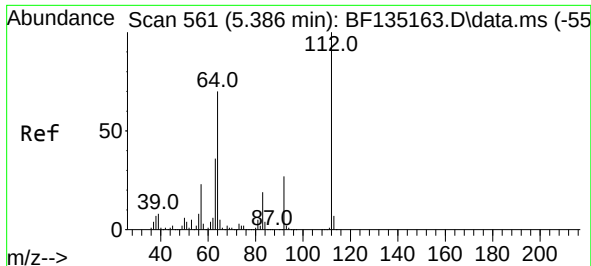


#4
n-Nitrosodimethylamine
Concen: 46.727 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.171 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



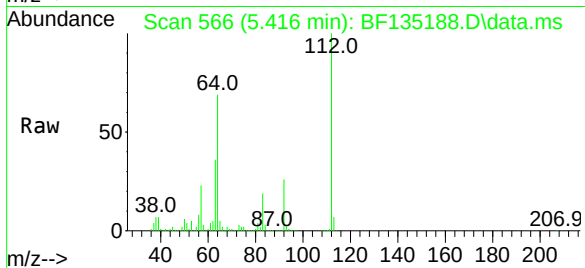
Tgt Ion: 42 Resp: 202555
Ion Ratio Lower Upper
42 100
74 105.7 87.7 131.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 125.504 ng
RT: 5.416 min Scan# 561
Delta R.T. 0.030 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

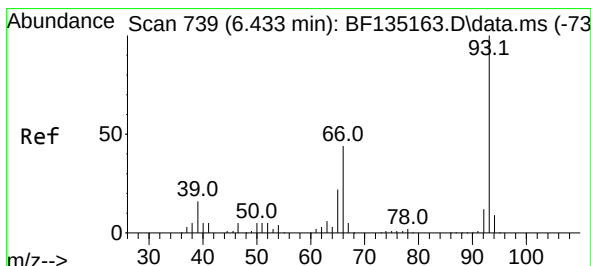
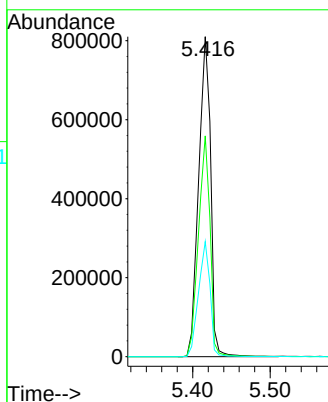
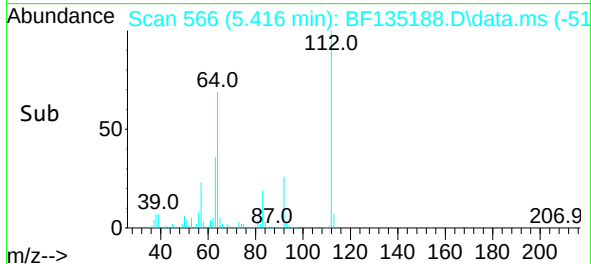
Instrument :
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Tgt Ion: 112 Resp: 868952
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.9 29.0 43.6

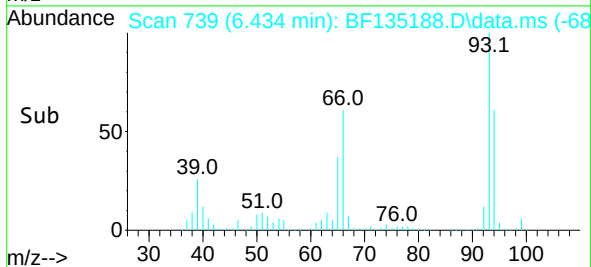
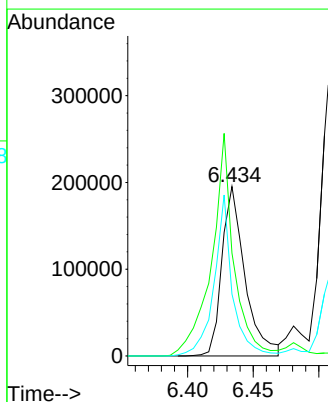
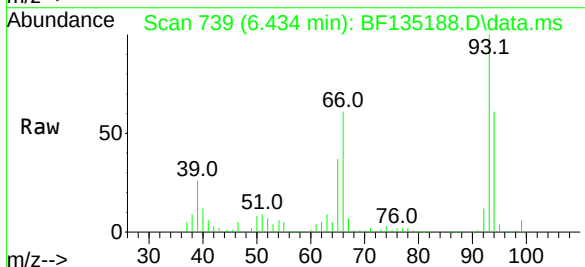
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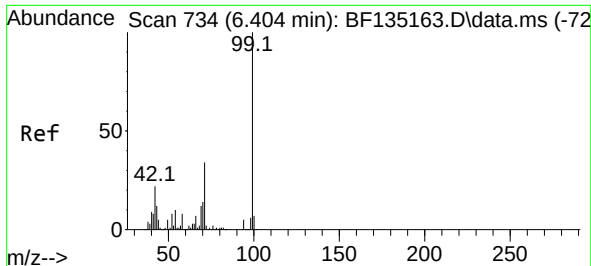
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 20.664 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

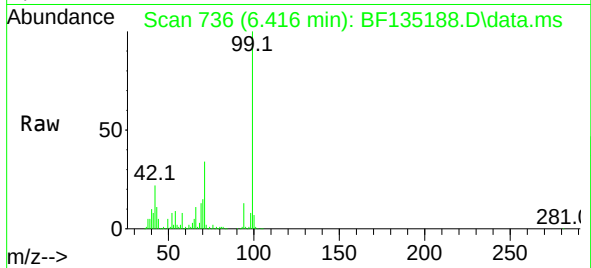
Tgt Ion: 93 Resp: 238566
Ion Ratio Lower Upper
93 100
66 60.7 35.4 53.0#
65 36.5 17.8 26.8#





#7
Phenol-d6
Concen: 119.176 ng
RT: 6.416 min Scan# 712
Delta R.T. 0.012 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :
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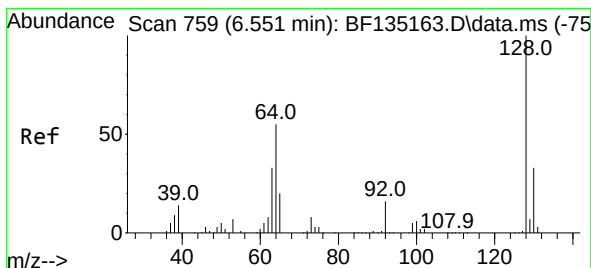
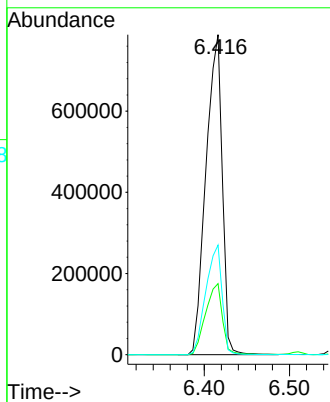
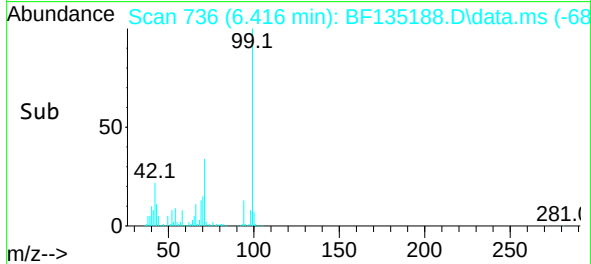


Tgt Ion: 99 Resp: 104921

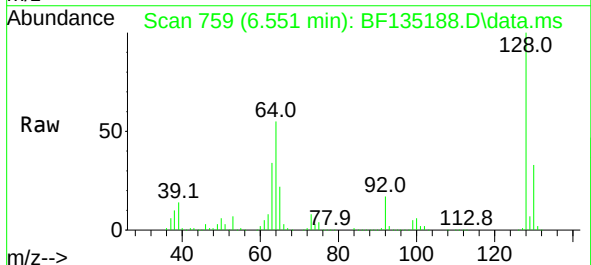
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	34.3	27.0	40.6

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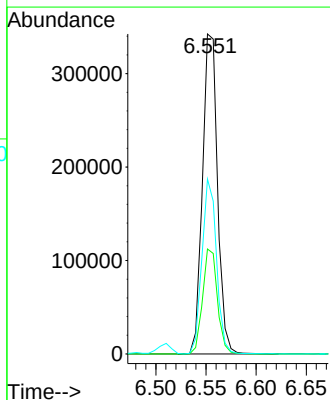
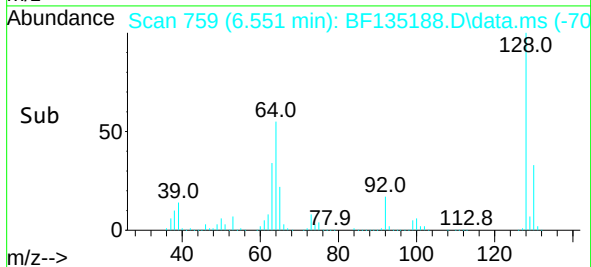


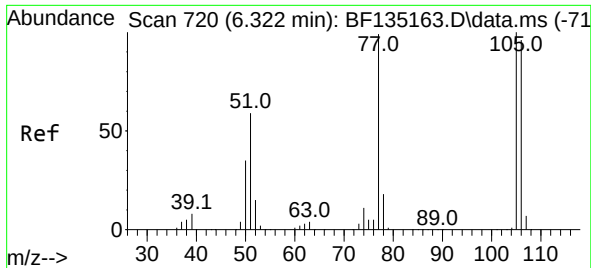
#8
2-Chlorophenol
Concen: 48.698 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:128 Resp: 359929

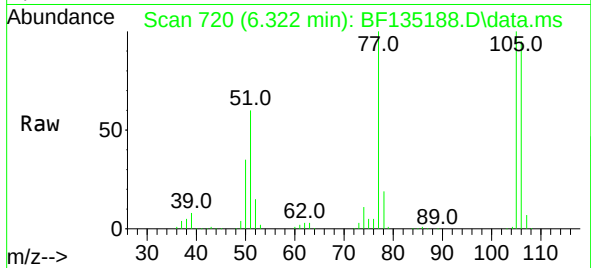
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	54.7	35.9	75.9





#9
Benzaldehyde
Concen: 17.739 ng
RT: 6.322 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

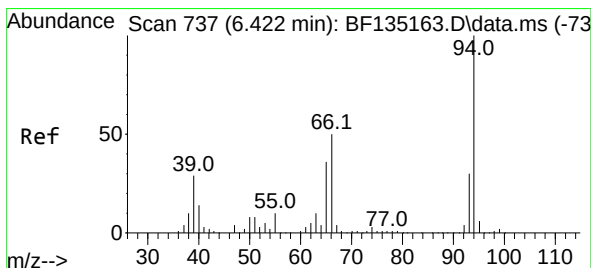
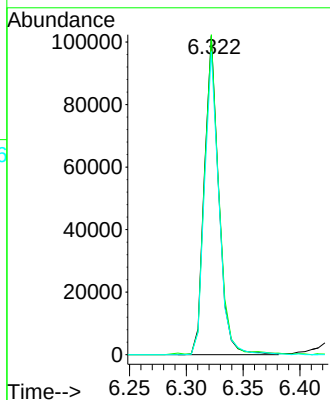
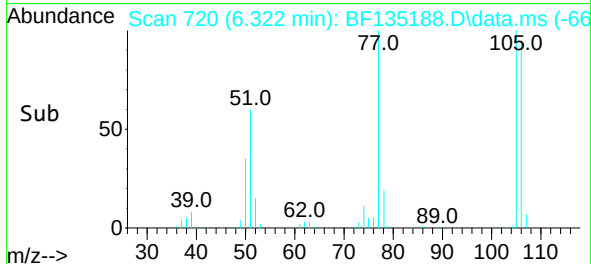
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion: 77 Resp: 88970
Ion Ratio Lower Upper
77 100
105 100.5 81.4 121.4
106 95.1 76.9 116.9

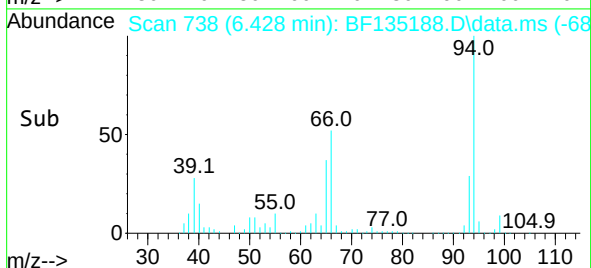
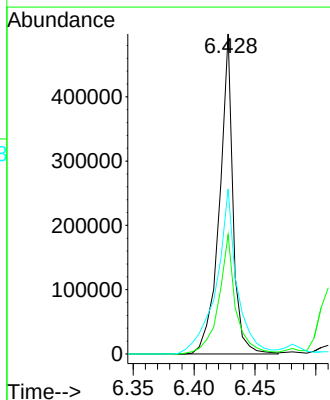
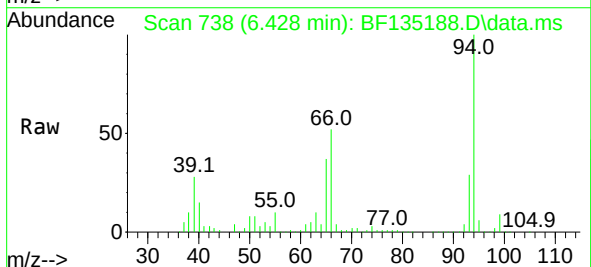
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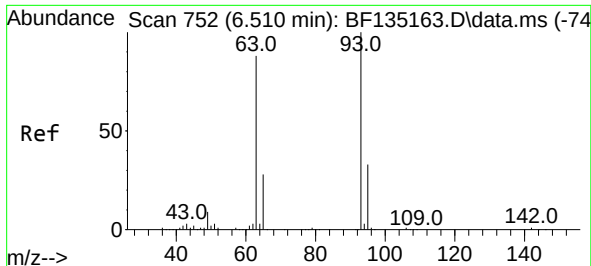
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 39.934 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 94 Resp: 385514
Ion Ratio Lower Upper
94 100
65 37.3 15.9 55.9
66 51.5 29.8 69.8





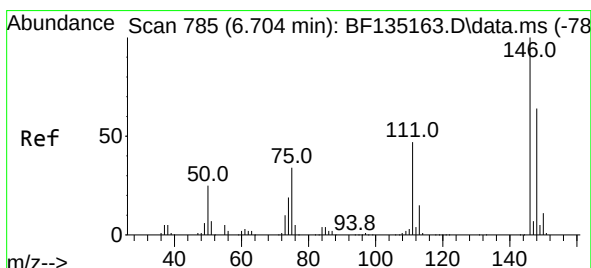
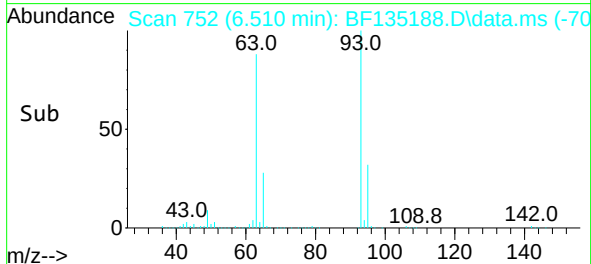
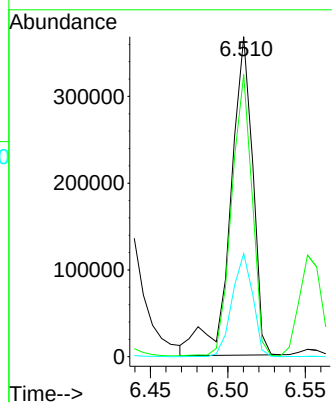
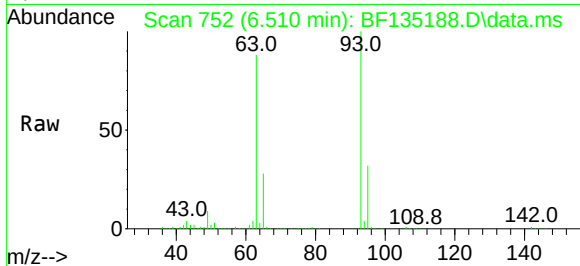
#11
bis(2-Chloroethyl)ether
Concen: 50.841 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS

Tgt Ion: 93 Resp: 36816
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 32.3 12.7 52.7

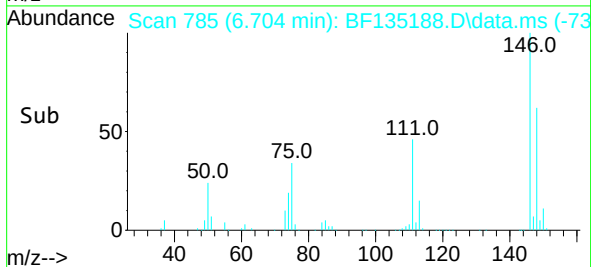
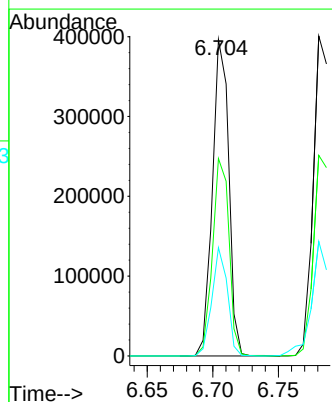
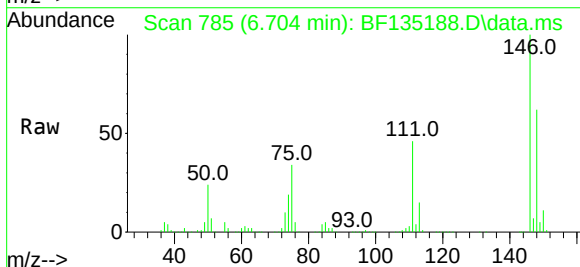
Manual Integrations
APPROVED

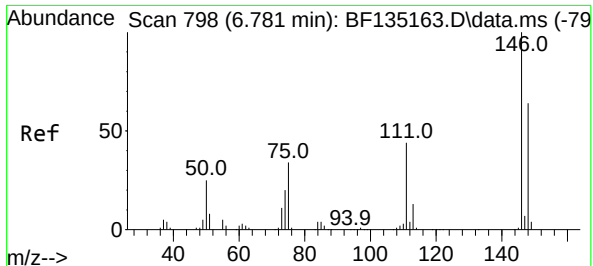
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 45.763 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:146 Resp: 343748
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.884 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:146 Resp: 35065

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

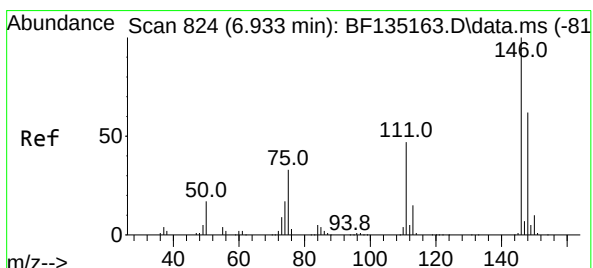
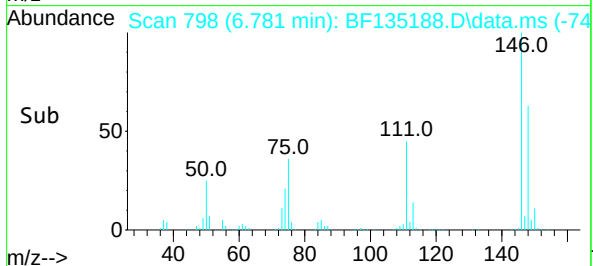
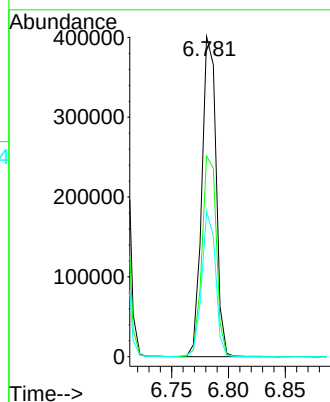
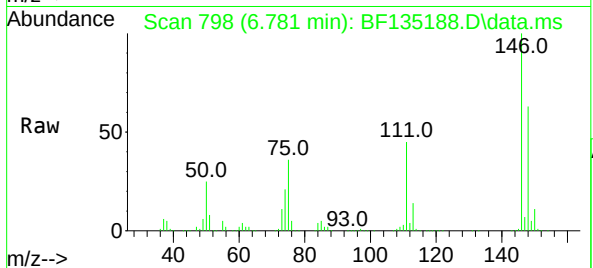
111 45.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#14

1,2-Dichlorobenzene

Concen: 47.560 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

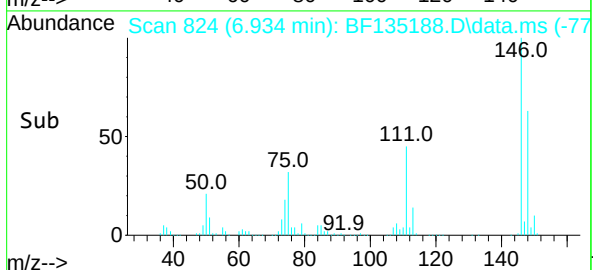
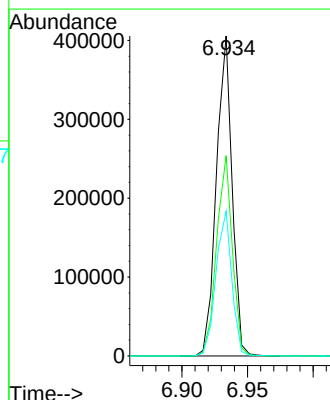
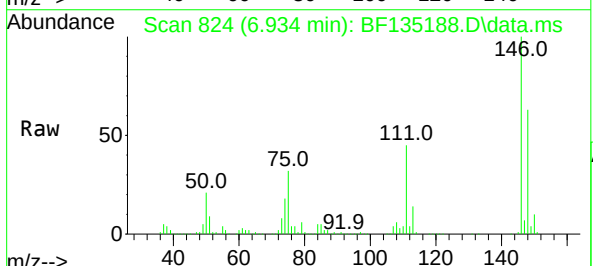
Tgt Ion:146 Resp: 337530

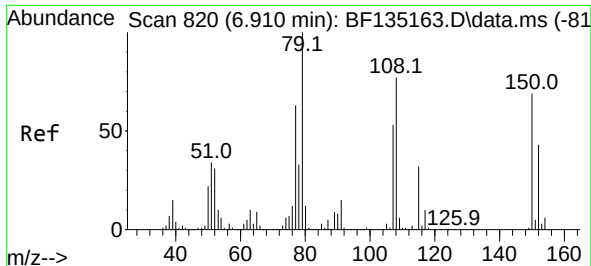
Ion Ratio Lower Upper

146 100

148 62.6 49.7 74.5

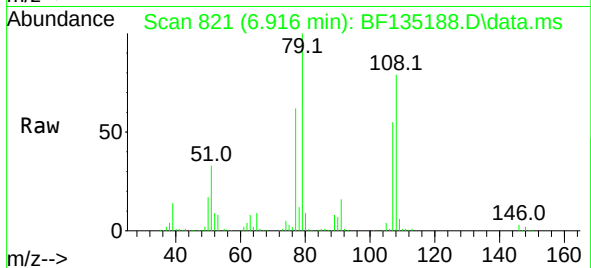
111 45.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.880 ng
RT: 6.916 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

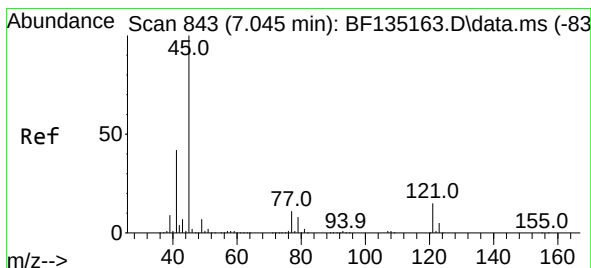
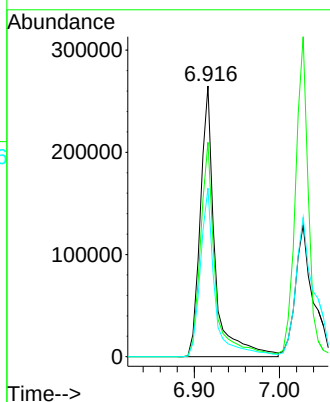
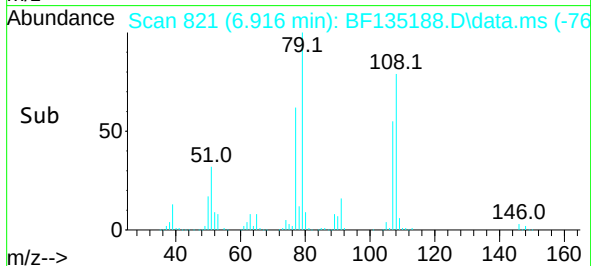
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion: 79 Resp: 315120
Ion Ratio Lower Upper
79 100
108 79.2 61.2 91.8
77 62.2 50.5 75.7

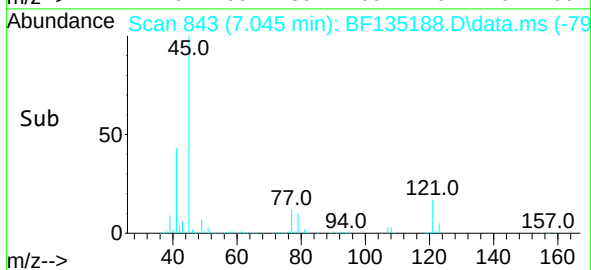
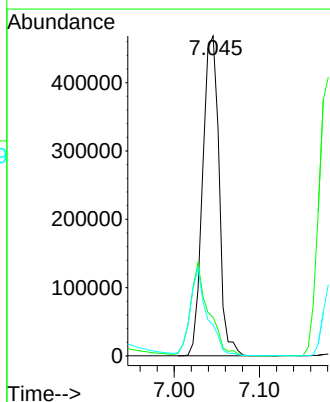
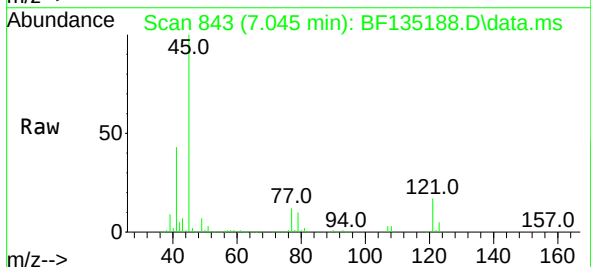
Manual Integrations
APPROVED

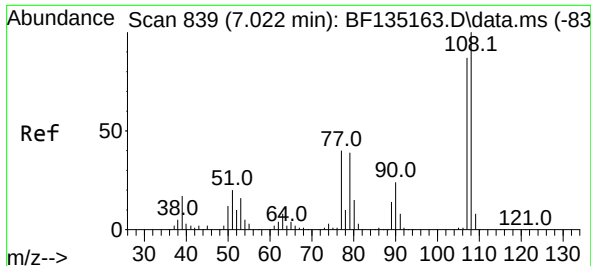
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.772 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

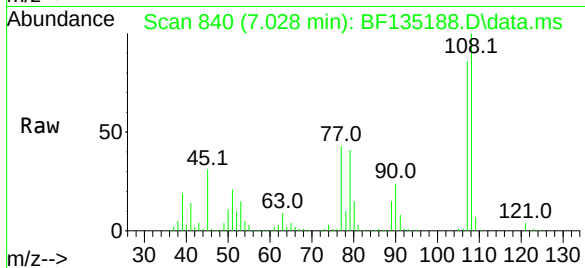
Tgt Ion: 45 Resp: 624767
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 9.7 0.0 28.3





#17
2-Methylphenol
Concen: 44.193 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

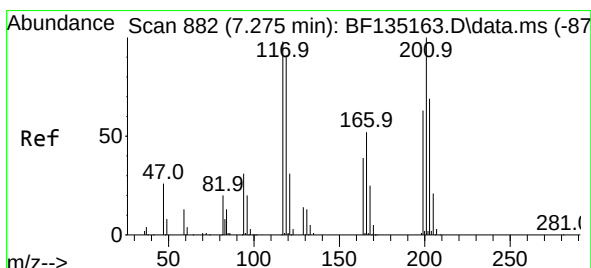
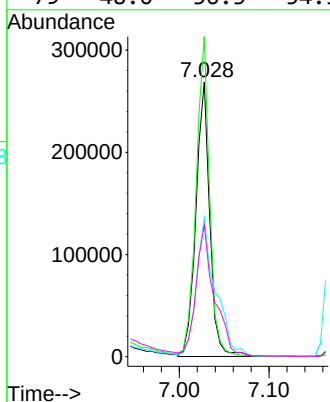
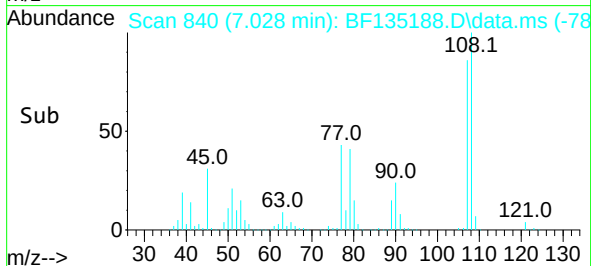
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



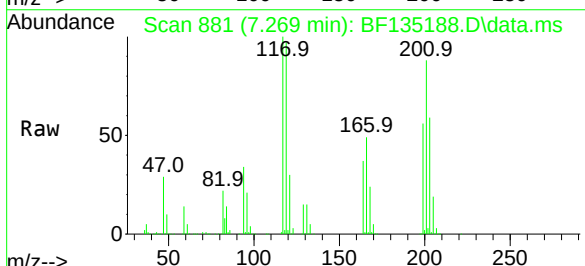
Tgt Ion:107 Resp: 28824
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 50.7 36.7 55.1
79 48.0 36.3 54.5

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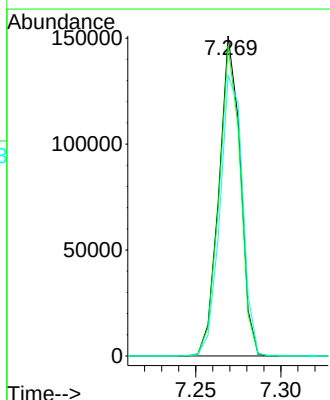
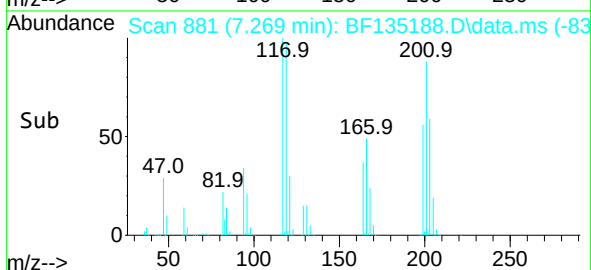
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

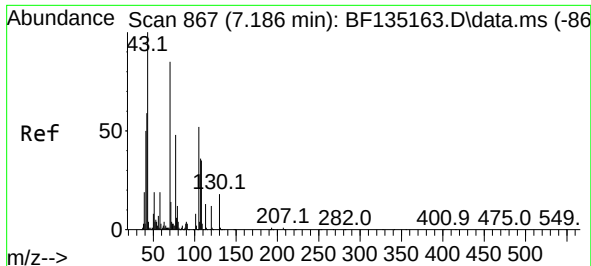


#18
Hexachloroethane
Concen: 46.601 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



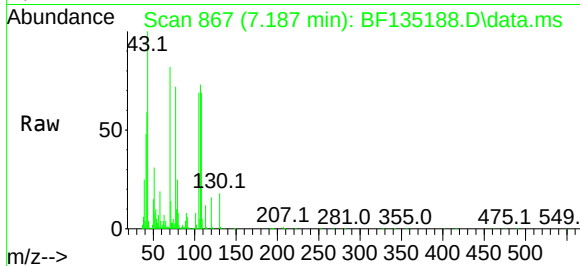
Tgt Ion:117 Resp: 131587
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
201 87.6 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.607 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

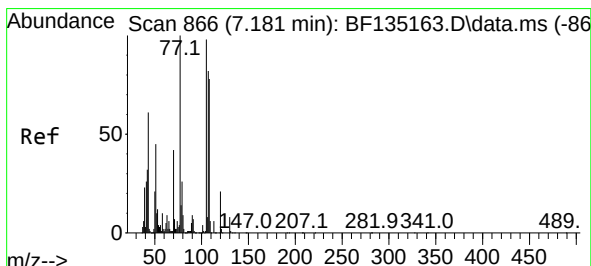
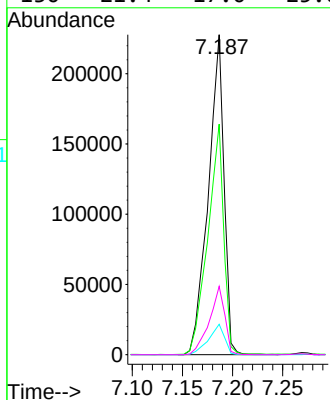
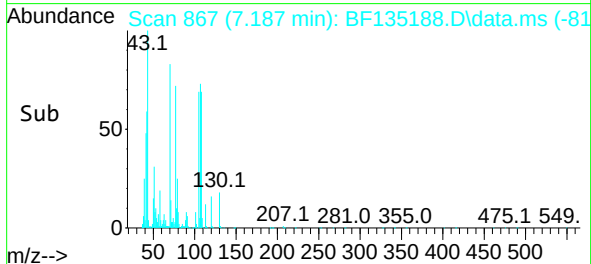
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



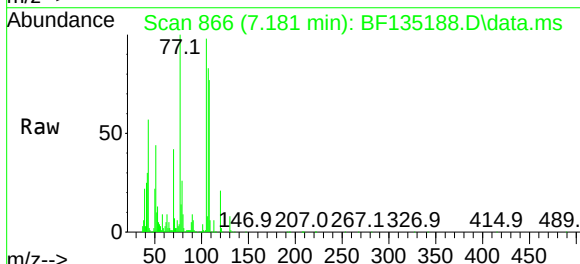
Tgt Ion: 70 Resp: 24869
Ion Ratio Lower Upper
70 100
42 72.1 55.4 83.0
101 9.5 7.7 11.5
130 21.4 17.0 25.6

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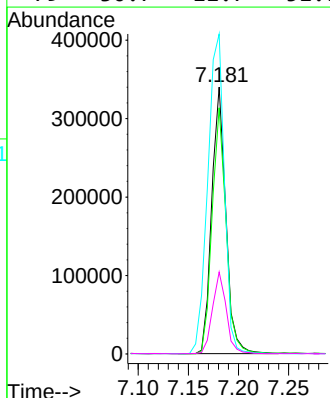
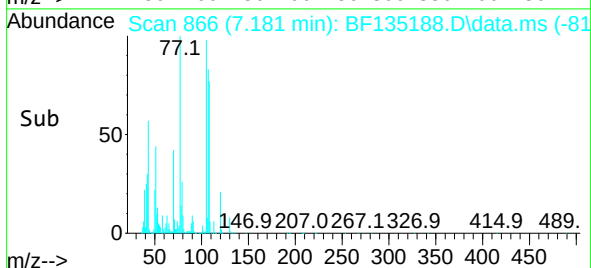
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

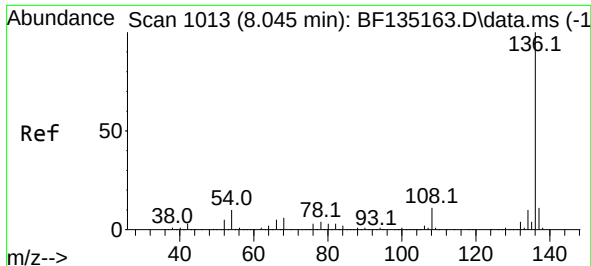


#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



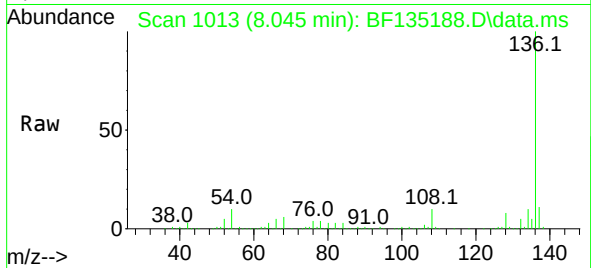
Tgt Ion:107 Resp: 332424
Ion Ratio Lower Upper
107 100
108 92.3 74.7 114.7
77 119.9 102.0 142.0
79 30.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

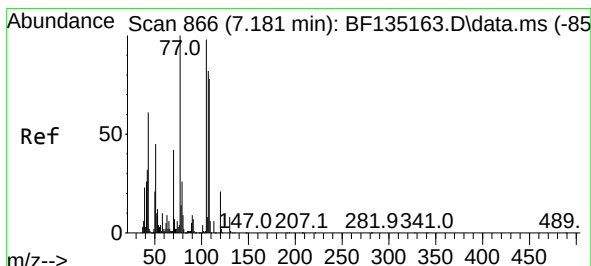
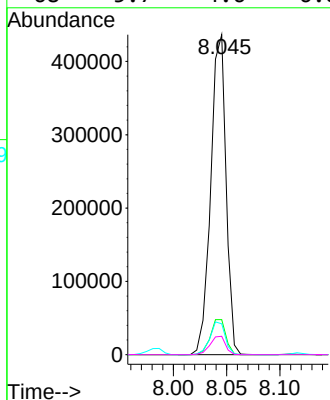
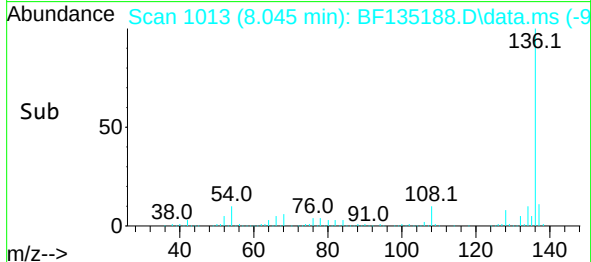
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:136 Resp: 435549
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.6 7.7 11.5
68 5.7 4.6 6.8

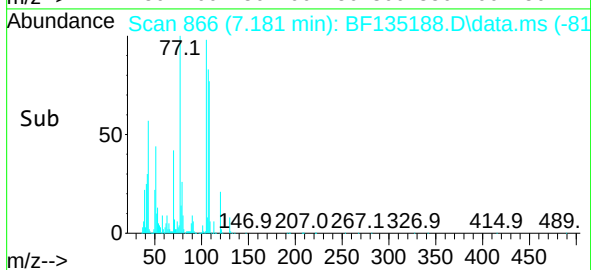
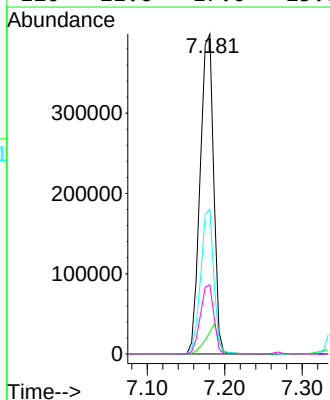
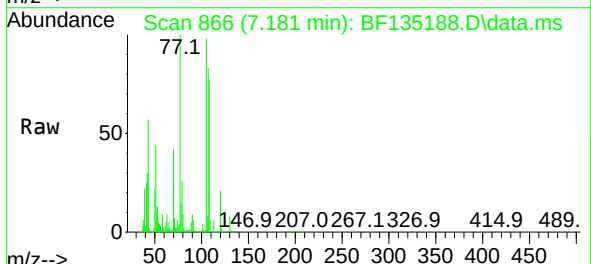
Manual Integrations
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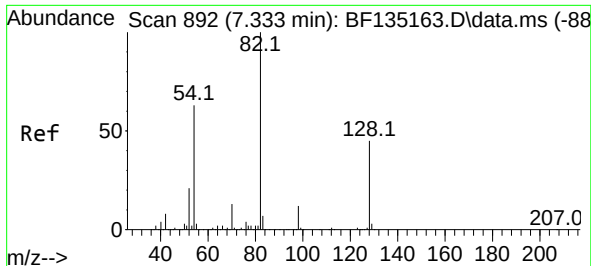
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 48.316 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

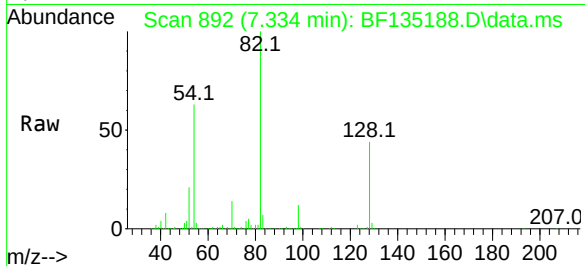
Tgt Ion:105 Resp: 481114
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 45.1 37.0 55.4
120 21.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 92.966 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

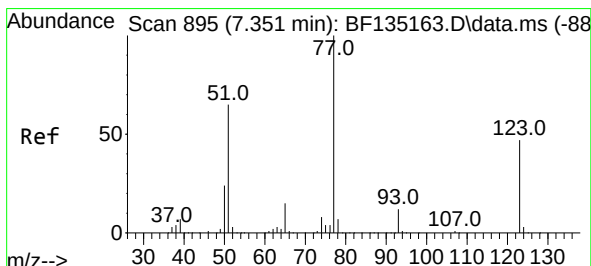
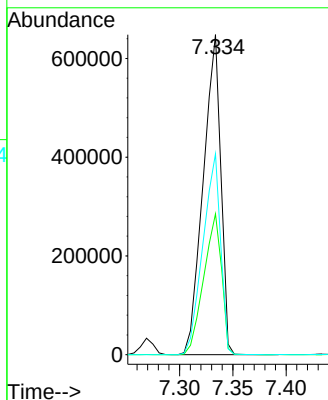
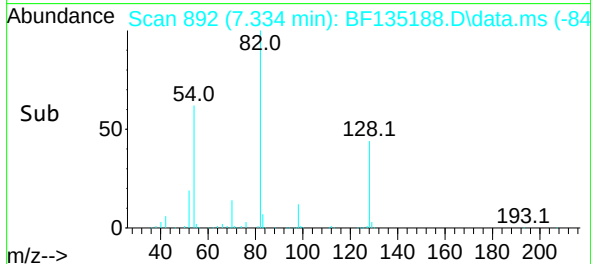
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



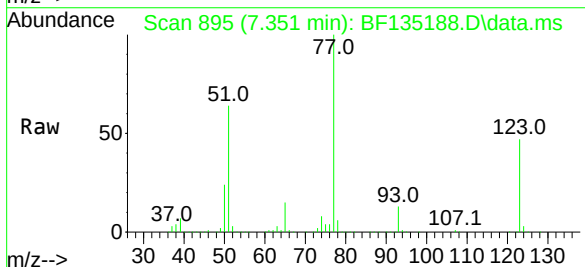
Tgt Ion: 82 Resp: 74528
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 62.8 50.6 76.0

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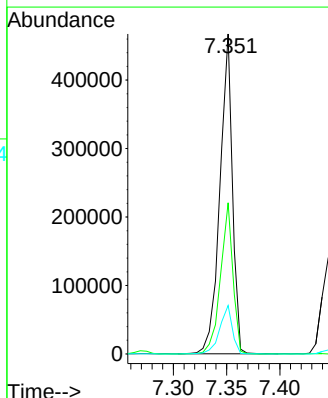
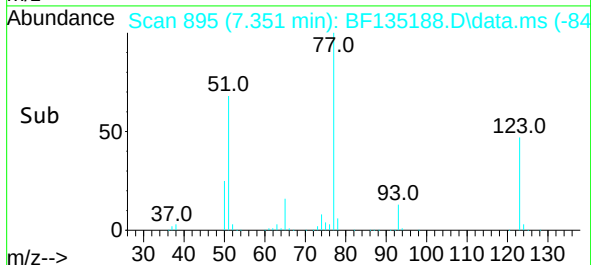
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

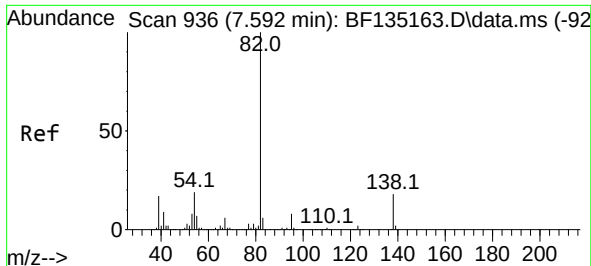


#24
Nitrobenzene
Concen: 48.038 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



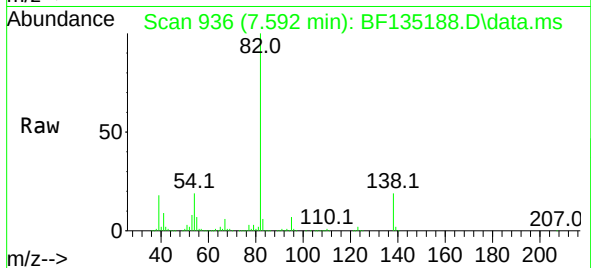
Tgt Ion: 77 Resp: 380637
Ion Ratio Lower Upper
77 100
123 47.2 37.6 56.4
65 15.2 12.2 18.4





#25
Isophorone
Concen: 48.173 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

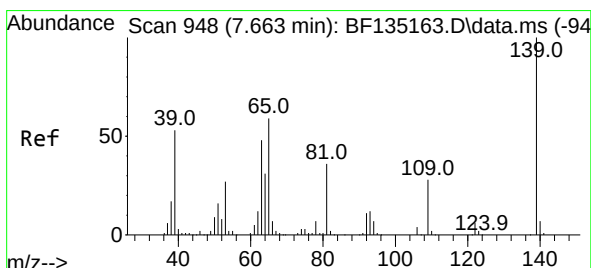
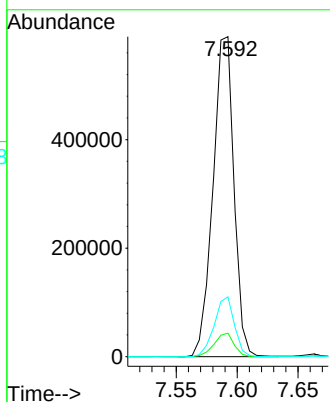
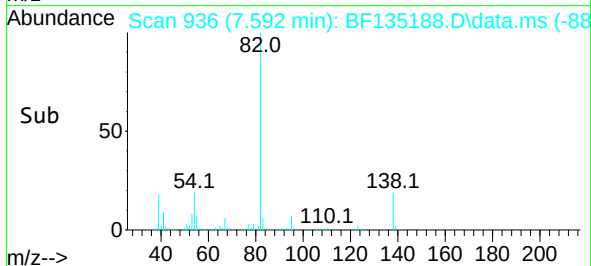
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



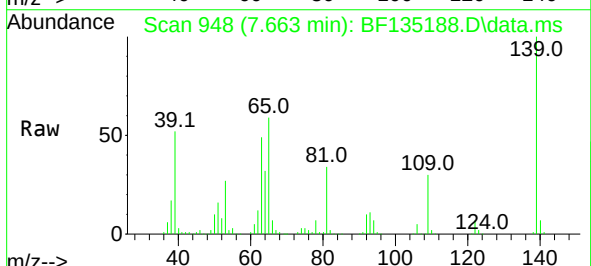
Tgt Ion: 82 Resp: 70915
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.7 14.5 21.7

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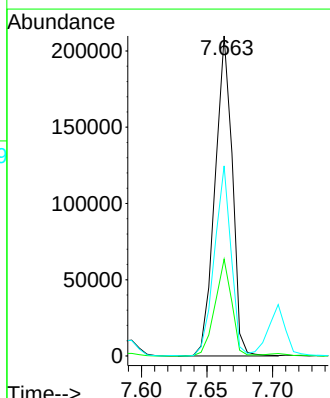
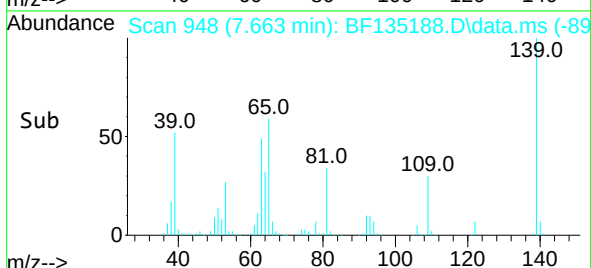
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

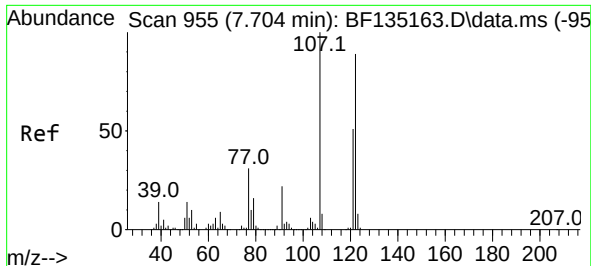


#26
2-Nitrophenol
Concen: 50.508 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:139 Resp: 192079
Ion Ratio Lower Upper
139 100
109 30.2 22.6 33.8
65 59.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.676 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135188.D

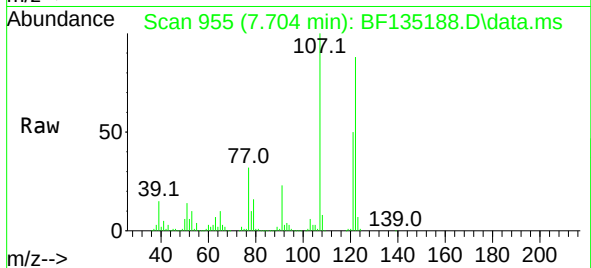
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



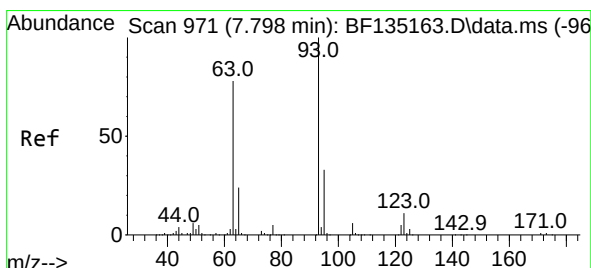
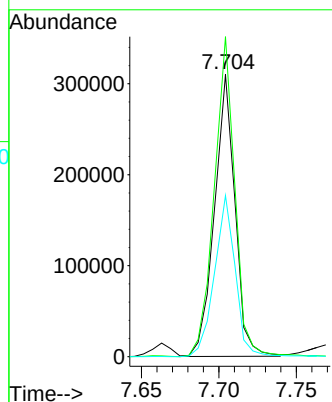
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.4	90.2	135.4
121	57.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.391 ng

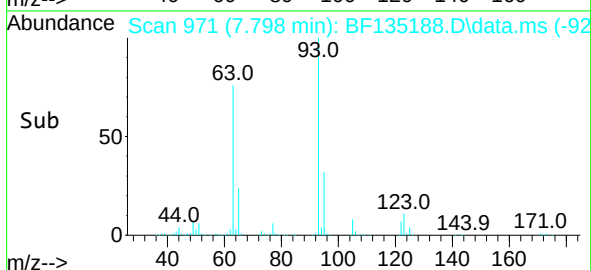
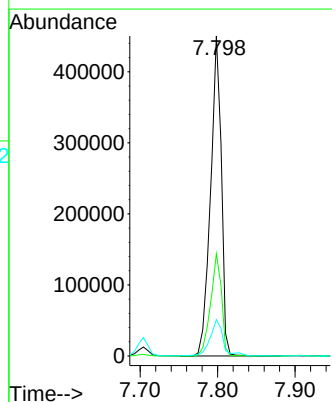
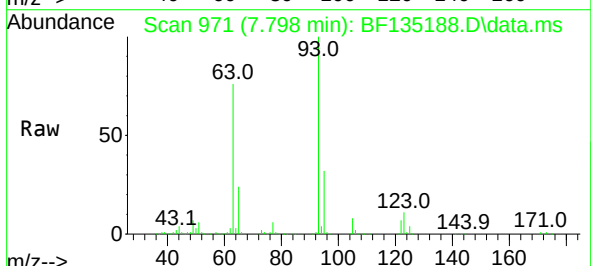
RT: 7.798 min Scan# 971

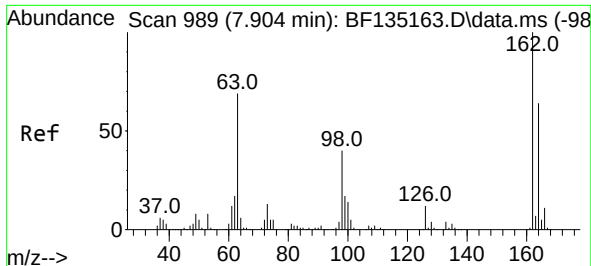
Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 50.216 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135188.D

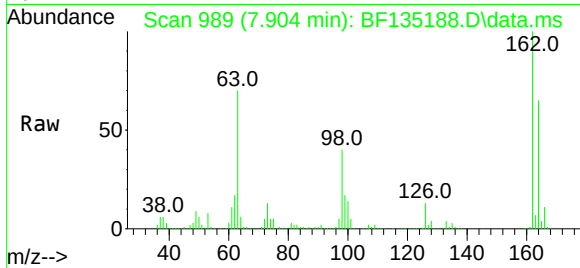
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



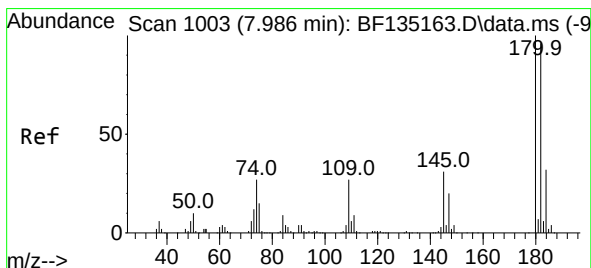
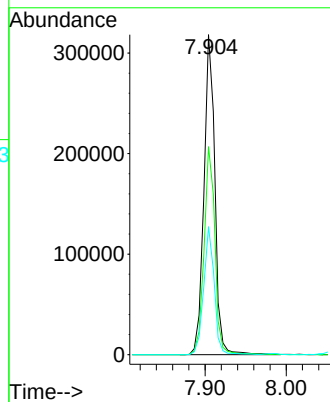
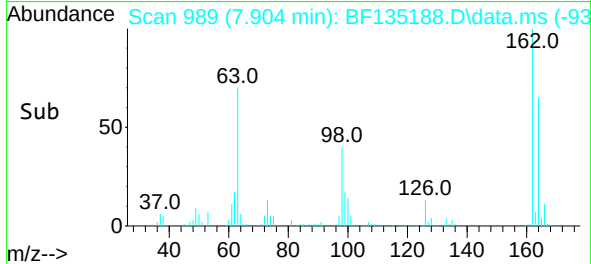
Tgt Ion:	162	Resp:	297440
Ion Ratio	Lower	Upper	
162	100		
164	65.0	44.1	84.1
98	40.0	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.894 ng

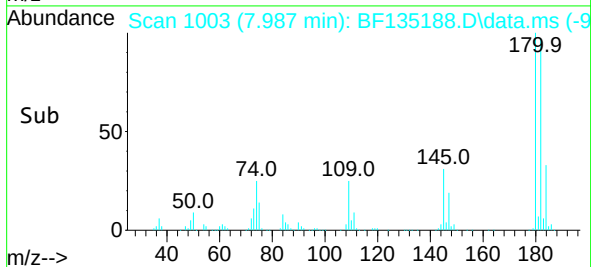
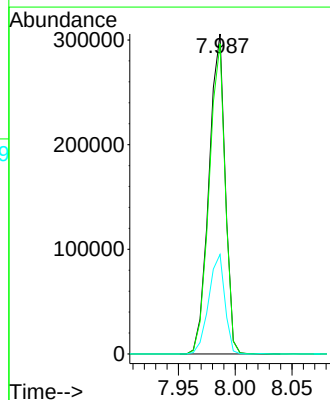
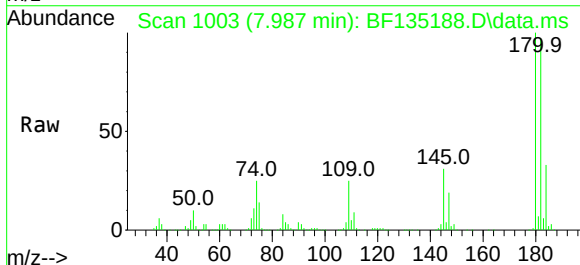
RT: 7.987 min Scan# 1003

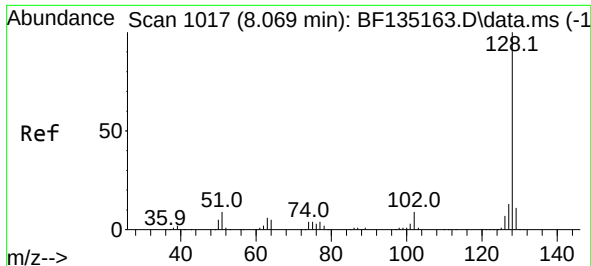
Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

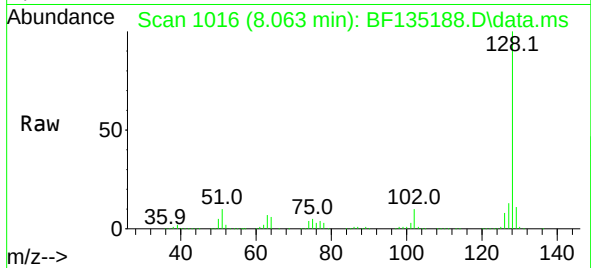
Tgt Ion:	180	Resp:	302710
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.9	115.3
145	31.1	24.5	36.7





#31
Naphthalene
Concen: 48.029 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

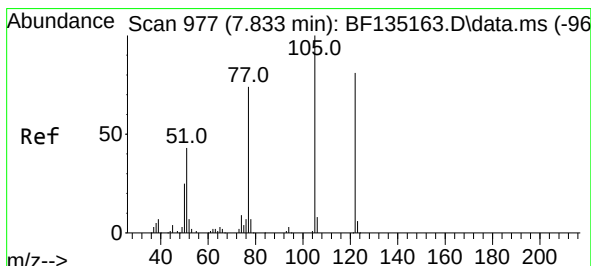
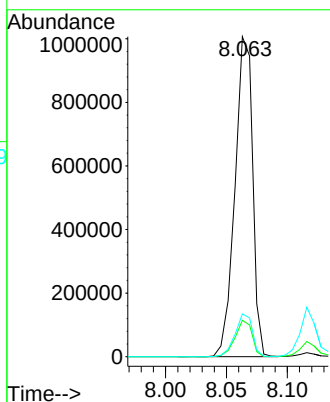
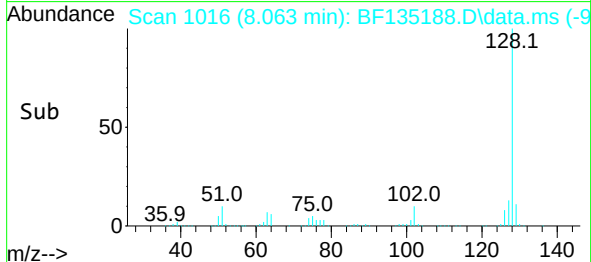
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:128 Resp: 101638
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.7 16.1

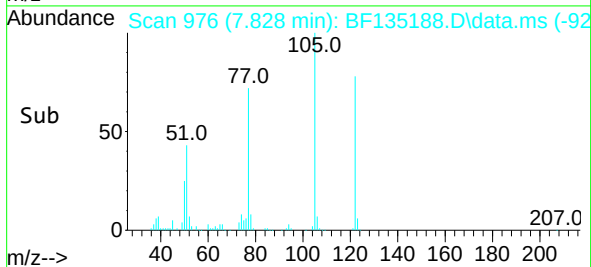
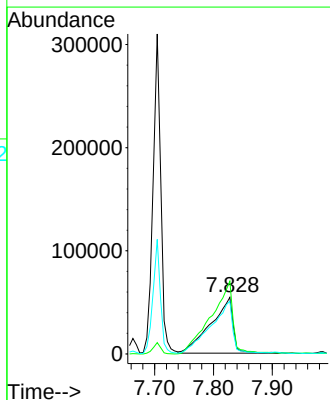
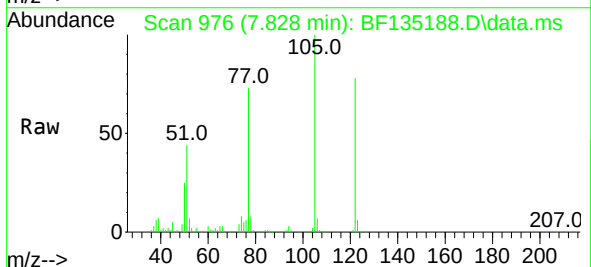
Manual Integrations
APPROVED

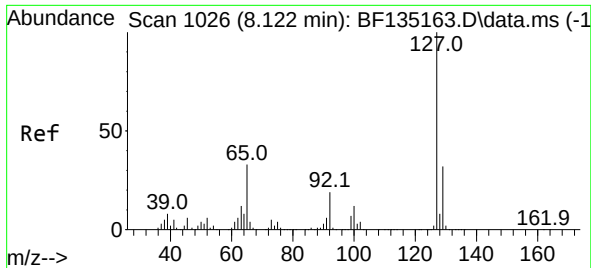
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 29.966 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:122 Resp: 144238
Ion Ratio Lower Upper
122 100
105 128.4 99.9 139.9
77 93.3 70.0 110.0





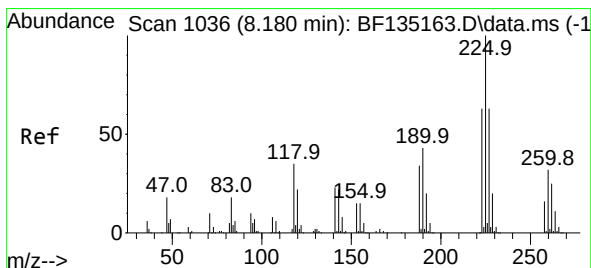
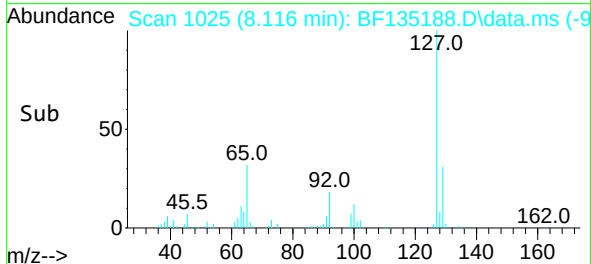
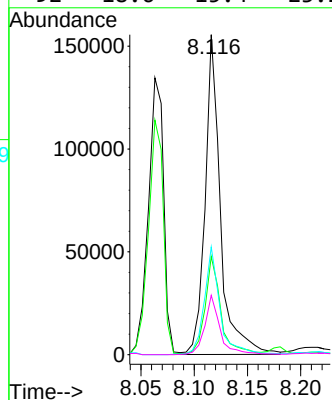
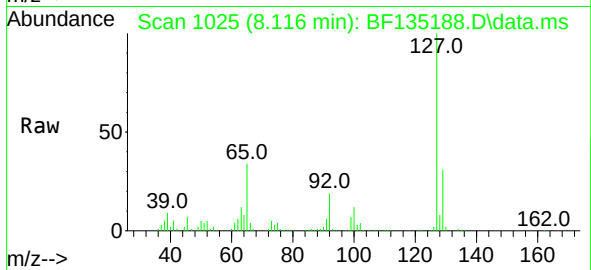
#33
4-Chloroaniline
Concen: 16.898 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS

Tgt Ion:	127	Resp:	156892
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.8	38.8
65	33.7	26.6	39.8
92	18.6	15.4	23.2

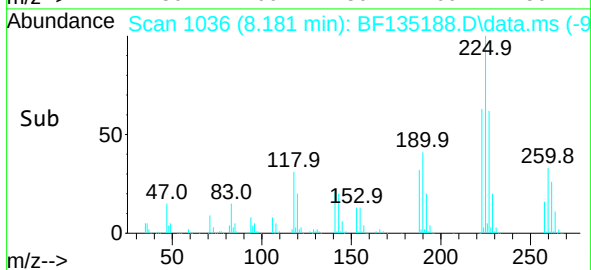
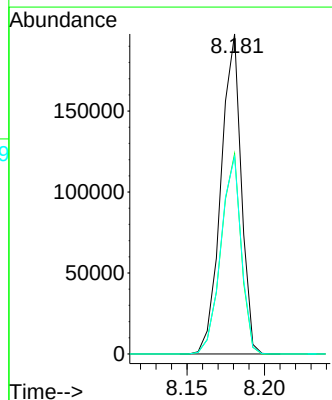
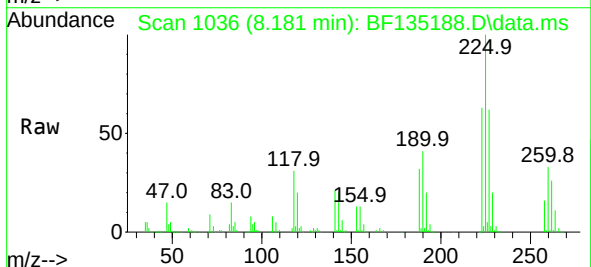
Manual Integrations
APPROVED

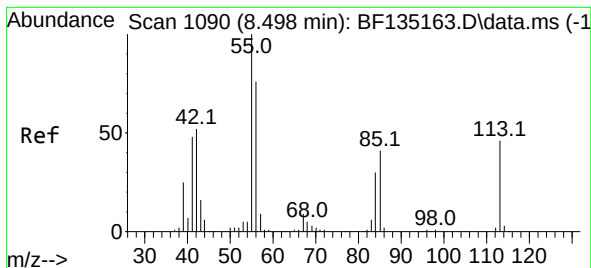
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 48.079 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:	225	Resp:	179484
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	75.8
227	61.7	50.8	76.2





#35

Caprolactam

Concen: 45.148 ng m

RT: 8.498 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

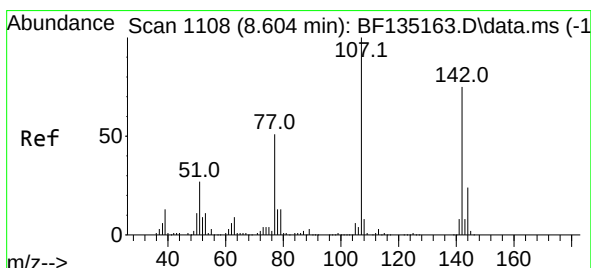
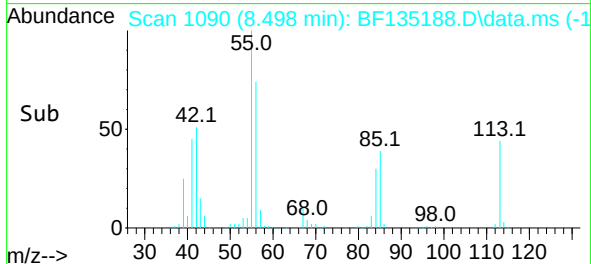
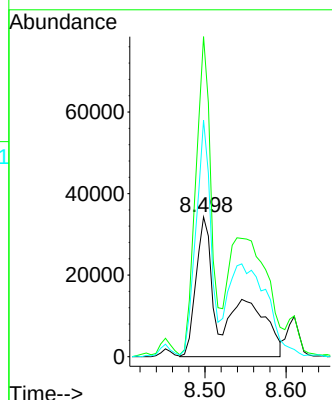
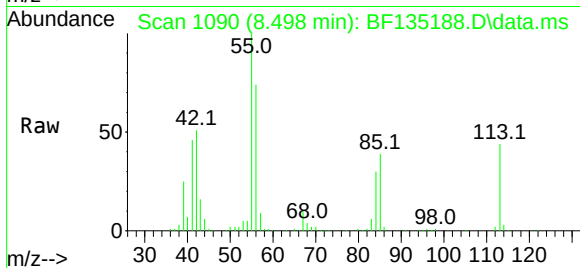
Tgt Ion:	113	Resp:	8975
Ion Ratio	Lower	Upper	
113	100		
55	229.2	199.3	239.3
56	169.4	146.3	186.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#36

4-Chloro-3-methylphenol

Concen: 50.862 ng

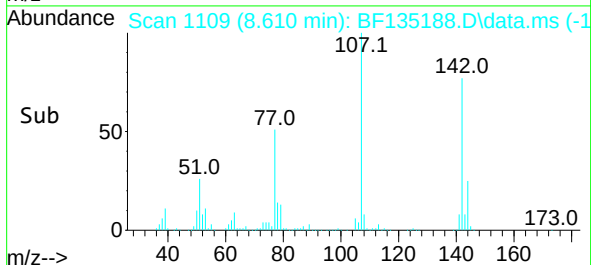
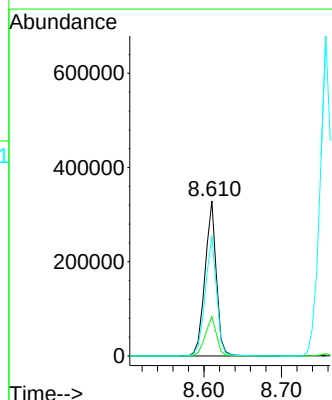
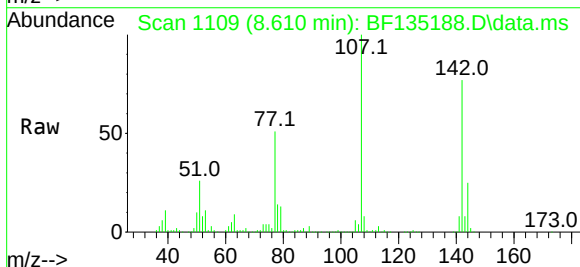
RT: 8.610 min Scan# 1109

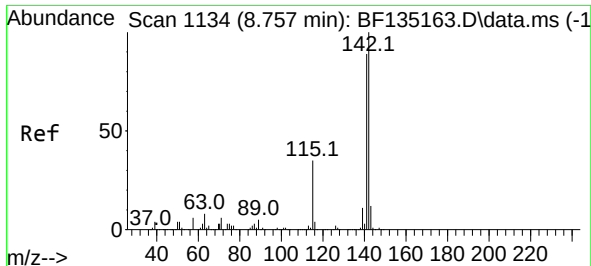
Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:	107	Resp:	334832
Ion Ratio	Lower	Upper	
107	100		
144	25.4	19.0	28.4
142	76.8	60.2	90.2





#37

2-Methylnaphthalene

Concen: 46.066 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:142 Resp: 655280

Ion Ratio Lower Upper

142 100

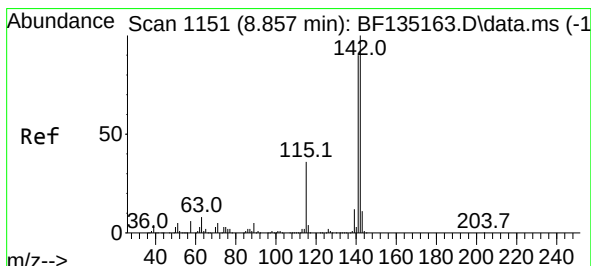
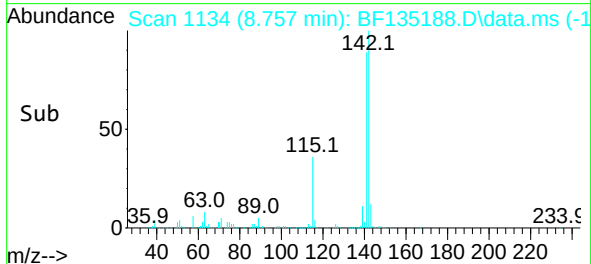
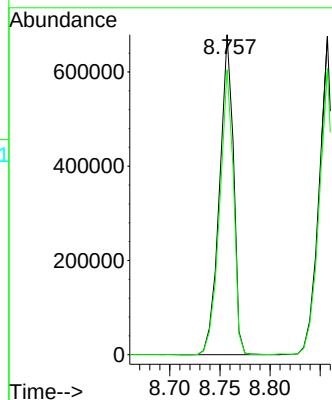
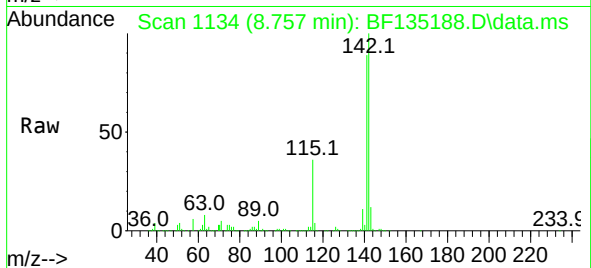
141 89.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 47.923 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135188.D

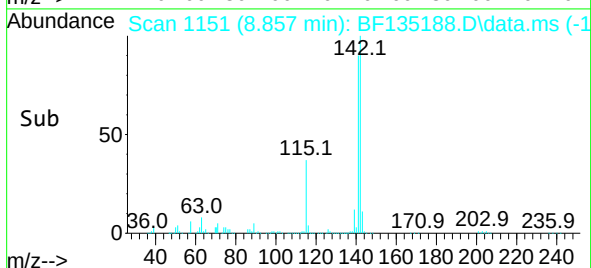
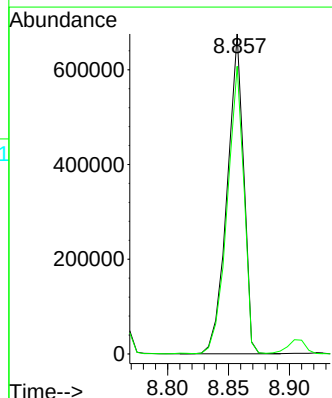
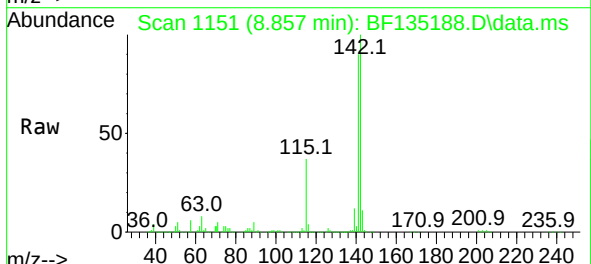
Acq: 12 Sep 2023 18:48

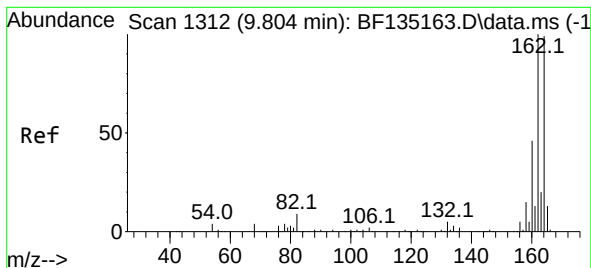
Tgt Ion:142 Resp: 638230

Ion Ratio Lower Upper

142 100

141 89.9 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF135188.D

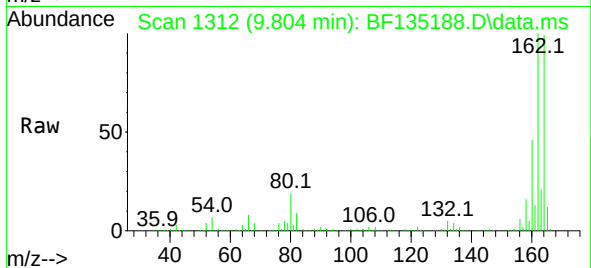
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:164 Resp: 229278

Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

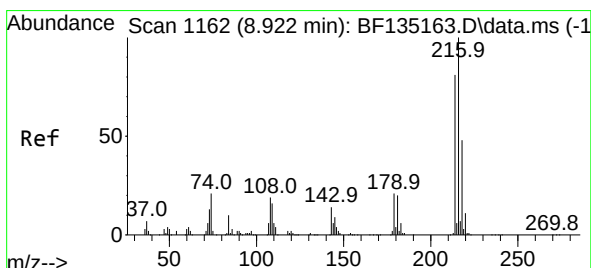
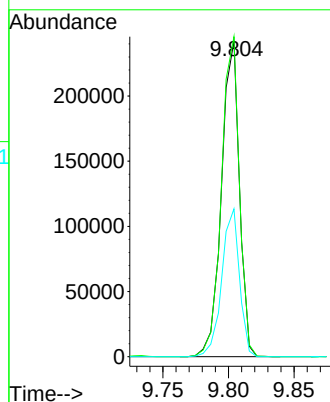
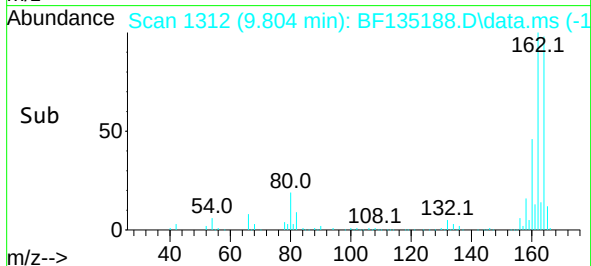
160 46.9 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.189 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:216 Resp: 313448

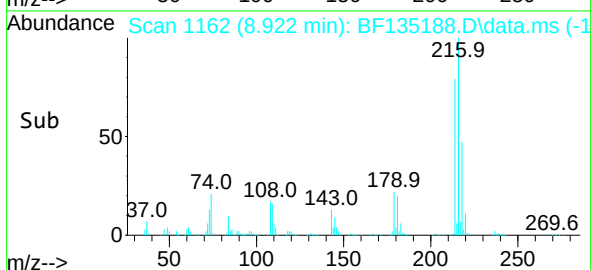
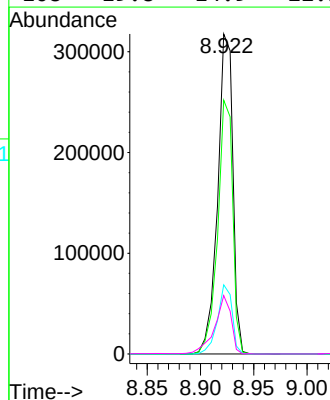
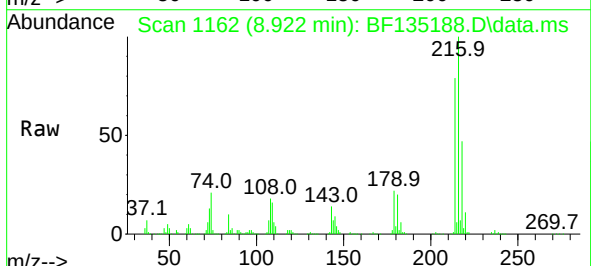
Ion Ratio Lower Upper

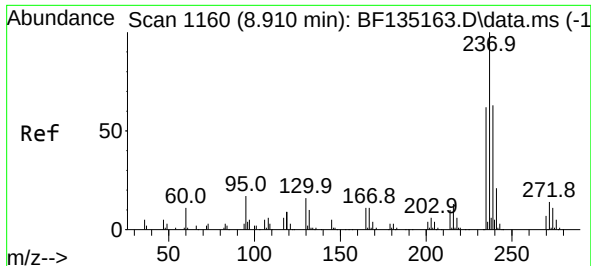
216 100

214 78.4 63.7 95.5

179 20.9 16.7 25.1

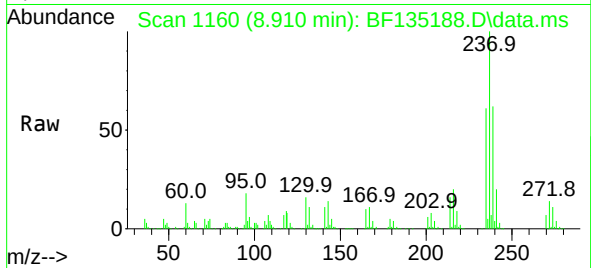
108 19.8 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 85.068 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

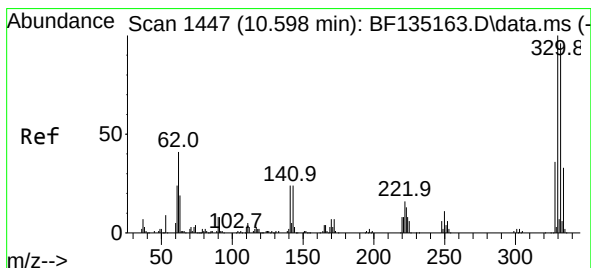
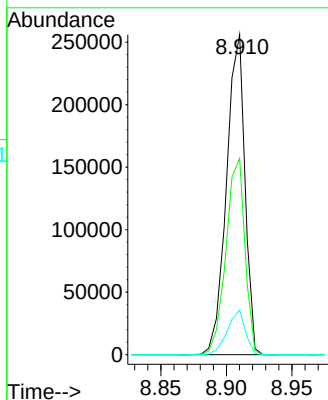
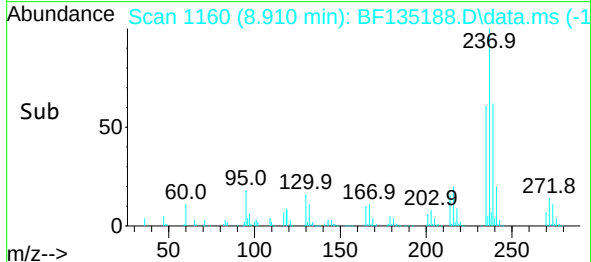
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



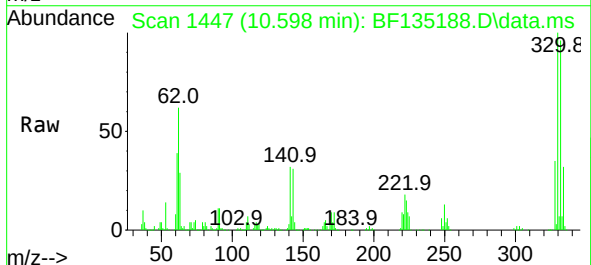
Tgt Ion:237 Resp: 250488
Ion Ratio Lower Upper
237 100
235 61.4 41.8 81.8
272 14.0 0.0 33.6

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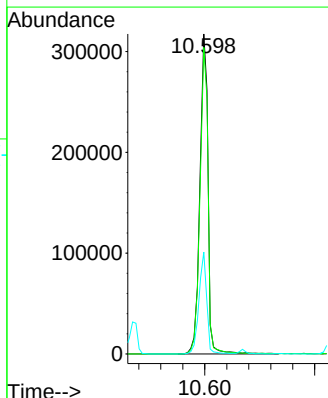
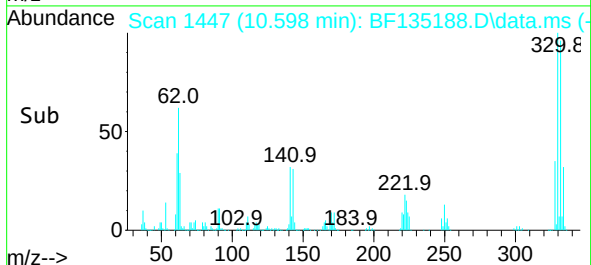
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

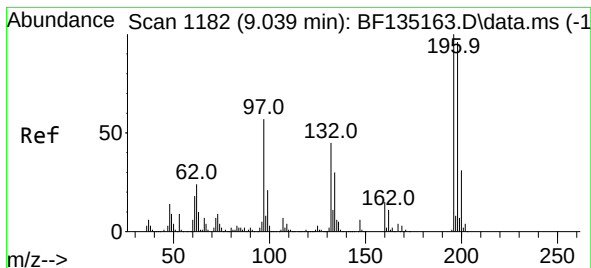


#42
2,4,6-Tribromophenol
Concen: 143.774 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:330 Resp: 327584
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 30.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.956 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:196 Resp: 21726

Ion Ratio Lower Upper

196 100

198 96.7 77.0 115.6

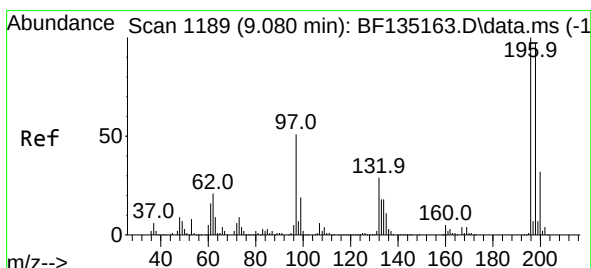
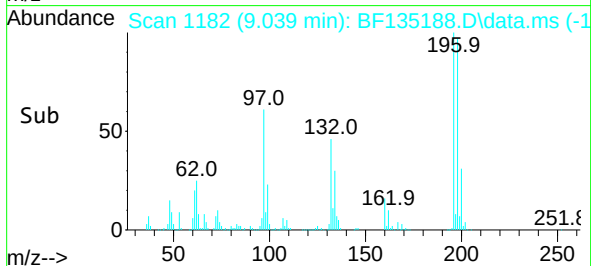
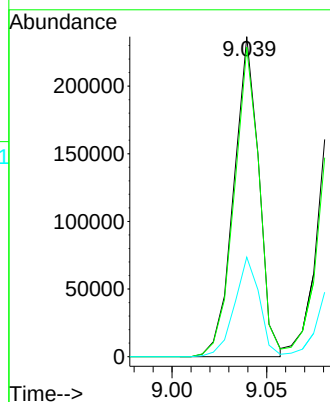
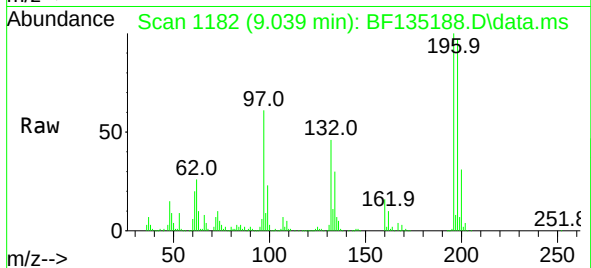
200 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#44

2,4,5-Trichlorophenol

Concen: 48.668 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:196 Resp: 243750

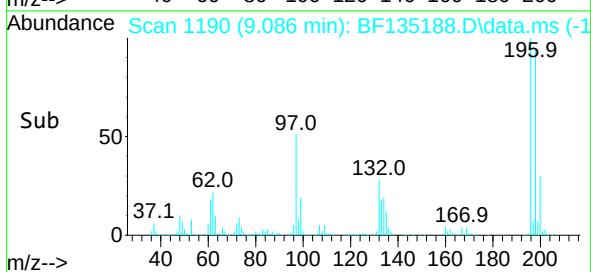
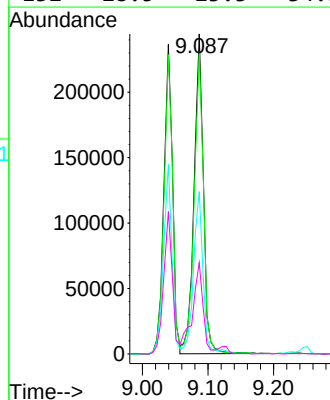
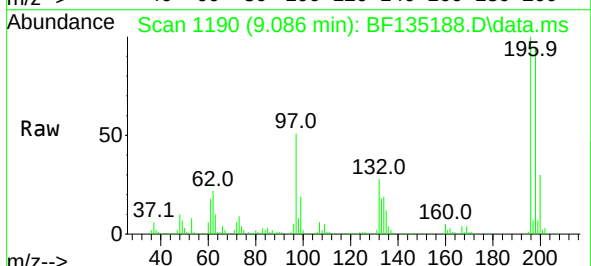
Ion Ratio Lower Upper

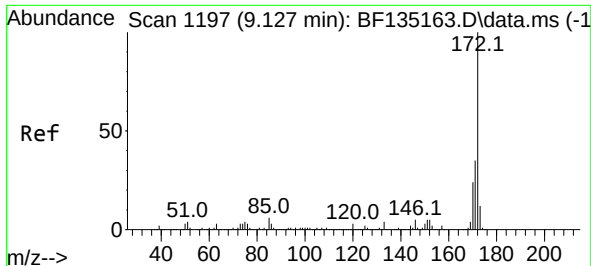
196 100

198 93.8 77.5 116.3

97 50.7 40.5 60.7

132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 88.746 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:172 Resp: 134865

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

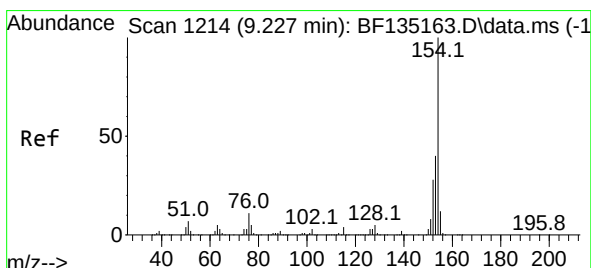
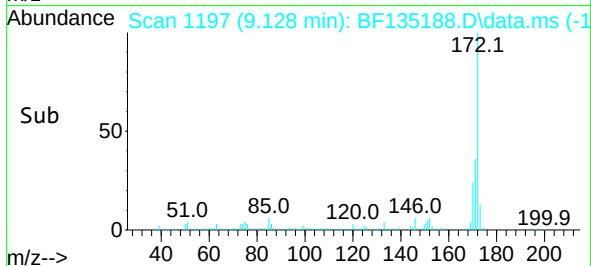
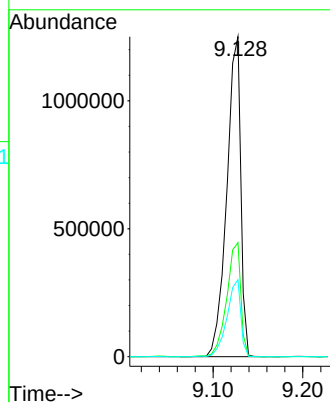
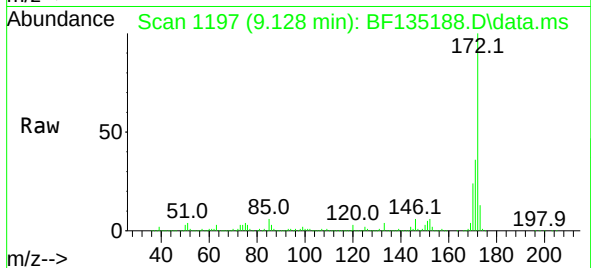
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 47.850 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

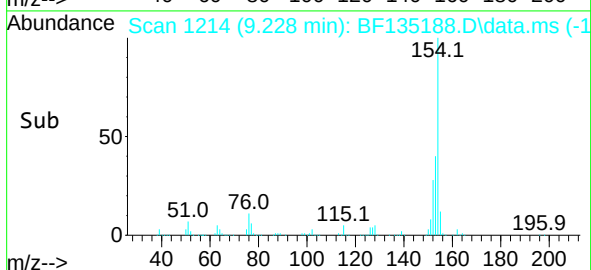
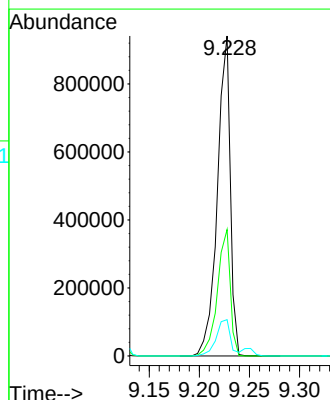
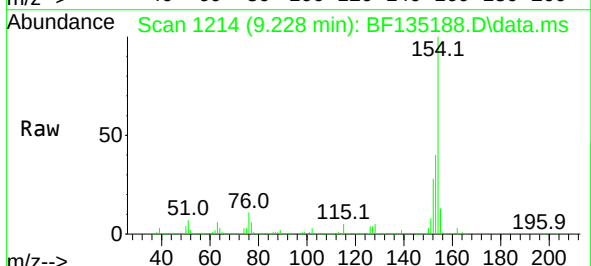
Tgt Ion:154 Resp: 843098

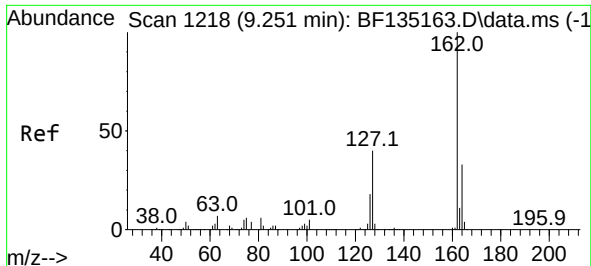
Ion Ratio Lower Upper

154 100

153 39.5 19.6 59.6

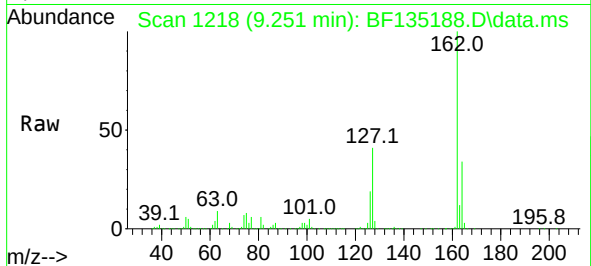
76 11.3 0.0 31.0





#47
2-Chloronaphthalene
Concen: 49.490 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

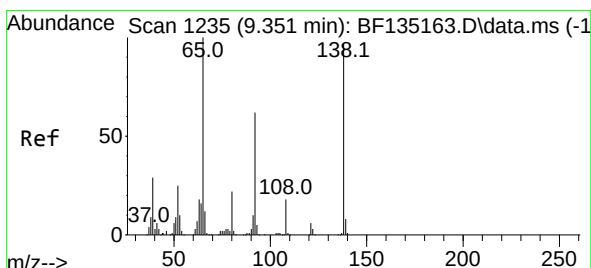
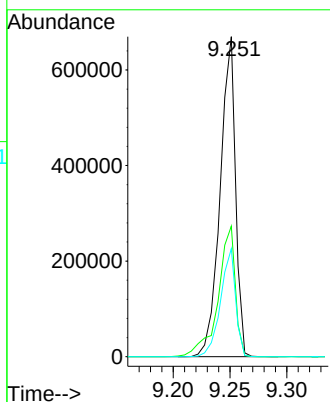
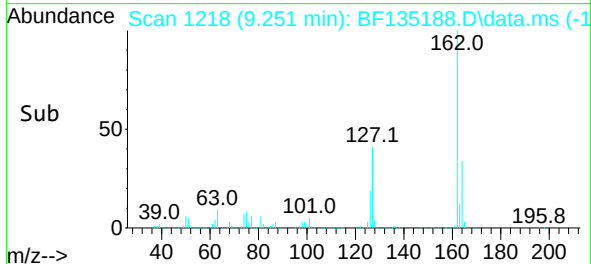
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



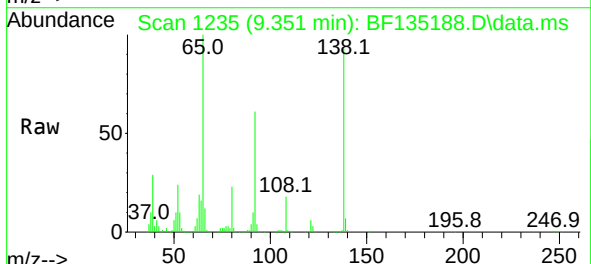
Tgt Ion:162 Resp: 632680
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 33.7 26.2 39.2

Manual Integrations
APPROVED

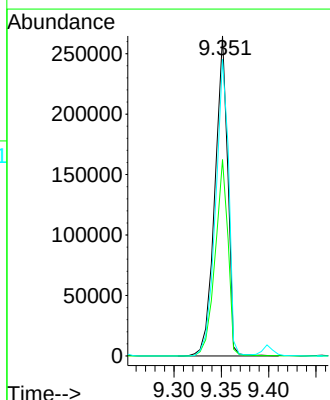
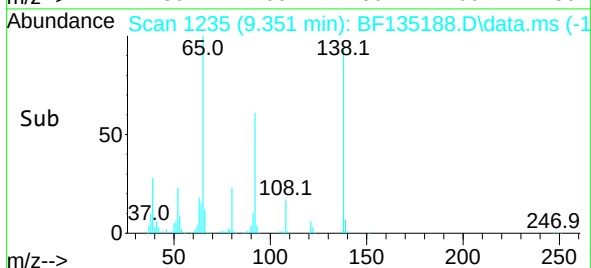
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

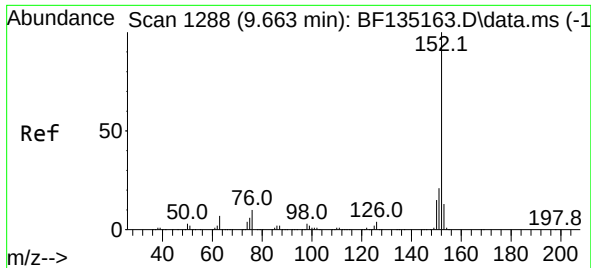


#48
2-Nitroaniline
Concen: 50.103 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion: 65 Resp: 248842
Ion Ratio Lower Upper
65 100
92 61.3 49.4 74.0
138 92.6 77.4 116.0





#49

Acenaphthylene

Concen: 50.223 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.006 min

Lab File: BF135188.D

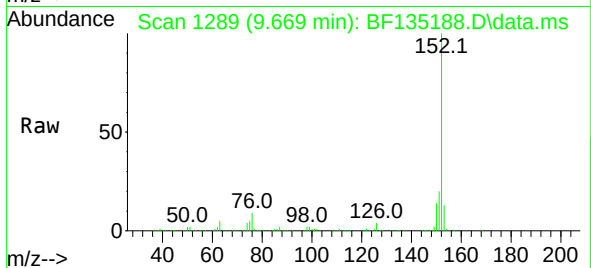
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:152 Resp: 106705

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

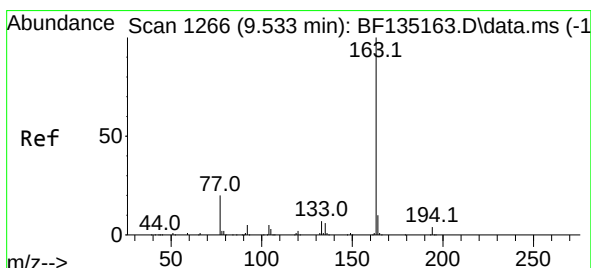
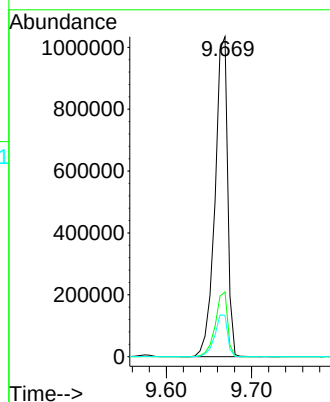
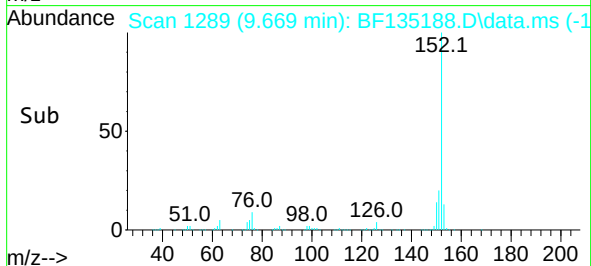
153 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#50

Dimethylphthalate

Concen: 51.200 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

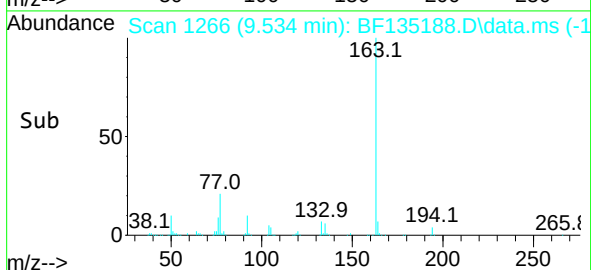
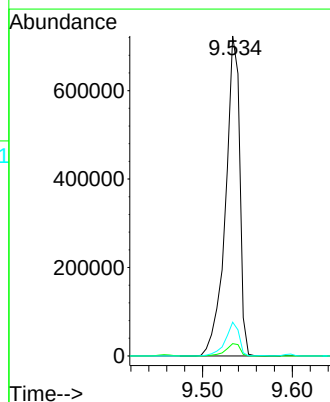
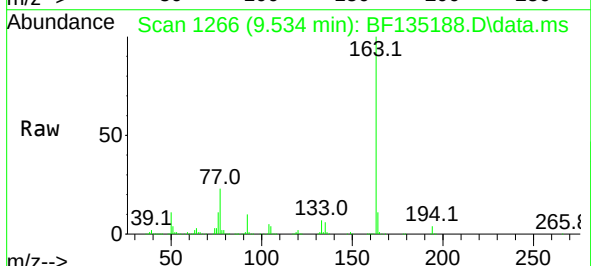
Tgt Ion:163 Resp: 793683

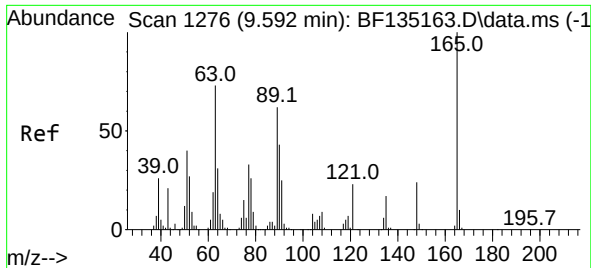
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

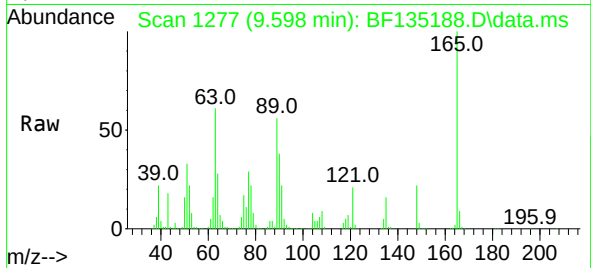
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.225 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

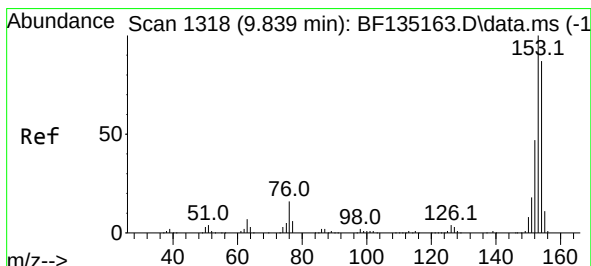
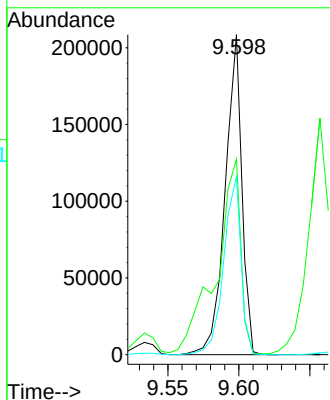
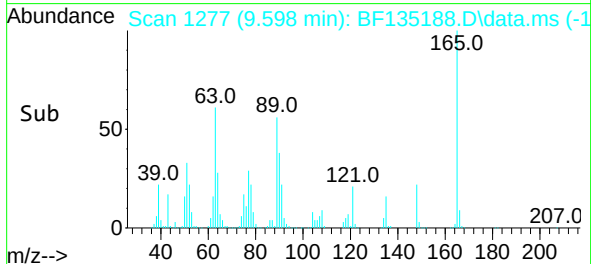
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



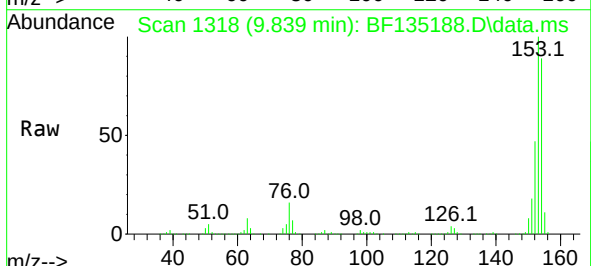
Tgt Ion:165 Resp: 17055
Ion Ratio Lower Upper
165 100
63 61.1 59.4 89.2
89 55.7 49.8 74.8

Manual Integrations
APPROVED

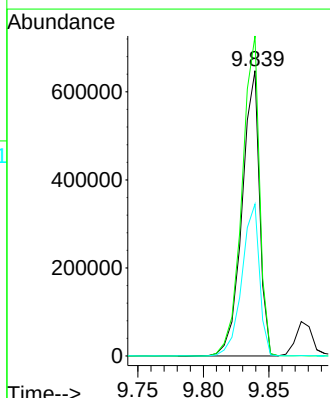
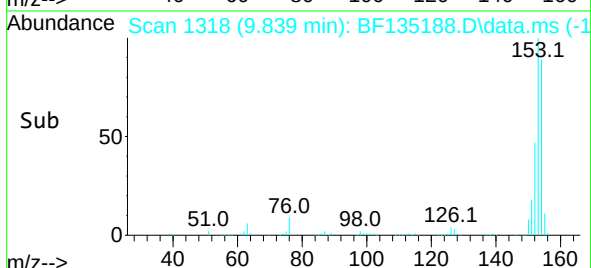
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

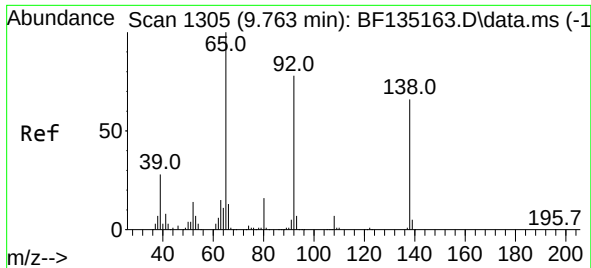


#52
Acenaphthene
Concen: 48.043 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



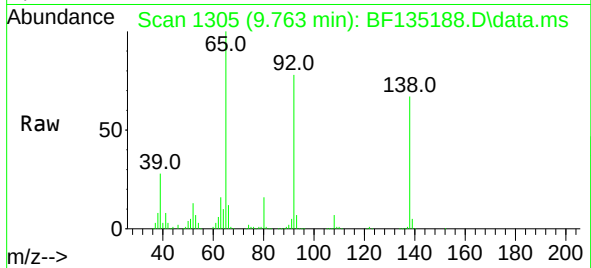
Tgt Ion:154 Resp: 602997
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 53.2 43.1 64.7





#53
3-Nitroaniline
Concen: 35.387 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

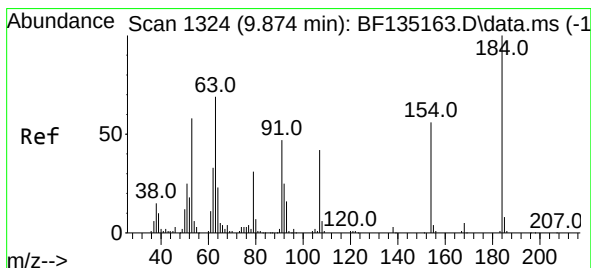
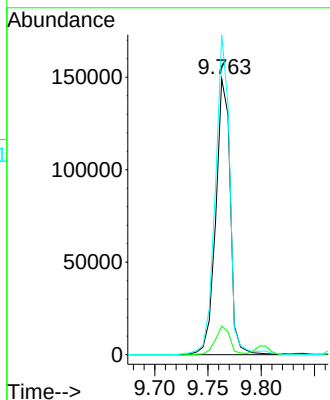
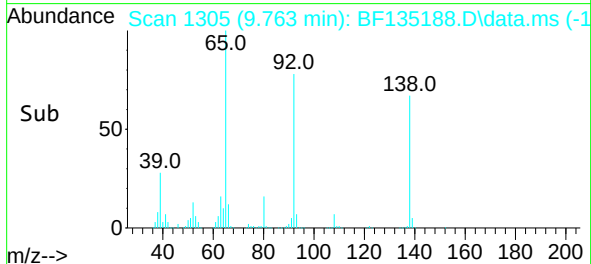
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



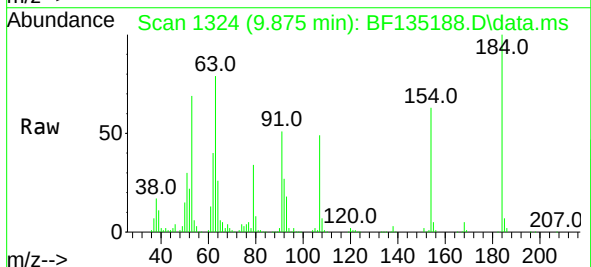
Tgt Ion:138 Resp: 14106
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 116.1 95.4 143.0

Manual Integrations
APPROVED

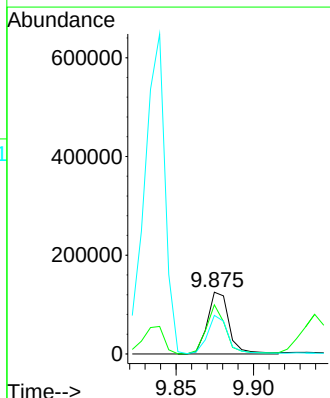
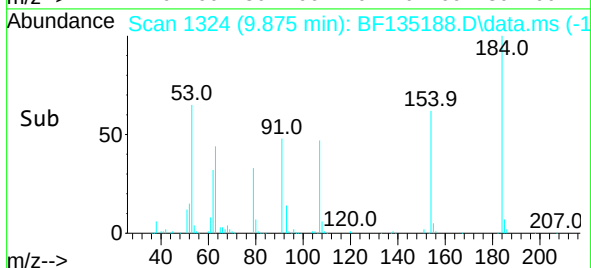
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

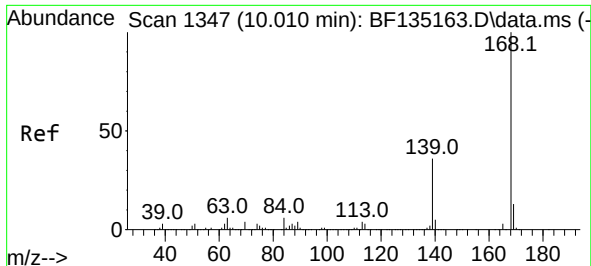


#54
2,4-Dinitrophenol
Concen: 64.391 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



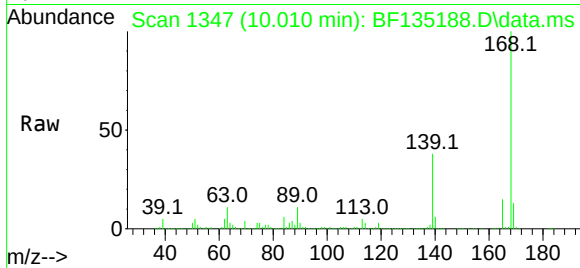
Tgt Ion:184 Resp: 121585
Ion Ratio Lower Upper
184 100
63 79.5 55.1 82.7
154 62.5 48.4 72.6





#55
Dibenzofuran
Concen: 47.048 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

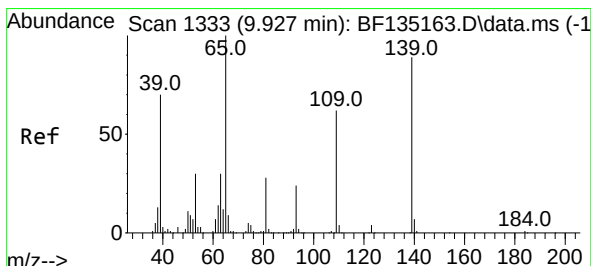
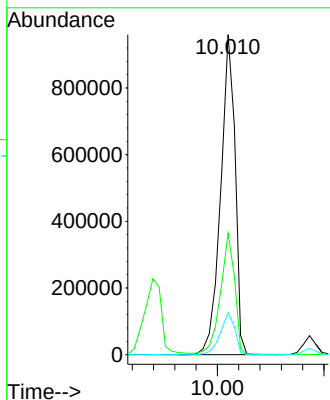
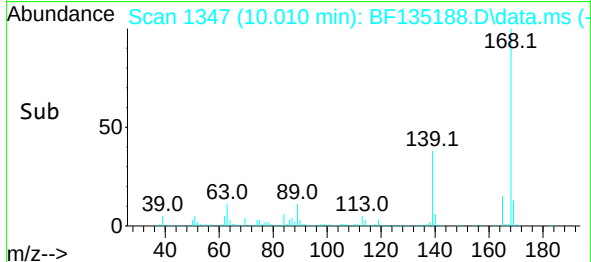
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



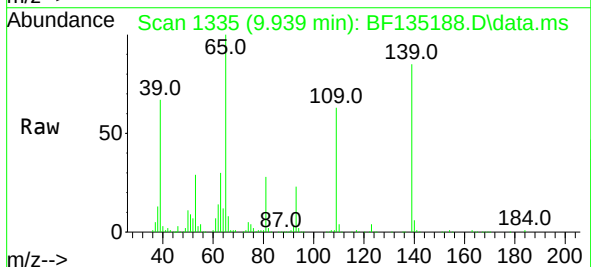
Tgt Ion:168 Resp: 901109
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 13.2 10.4 15.6

Manual Integrations
APPROVED

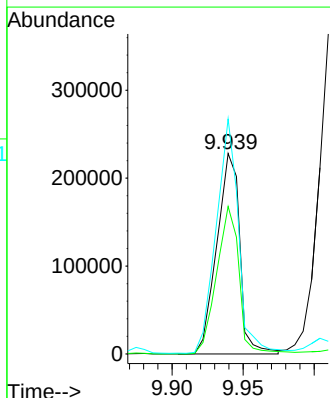
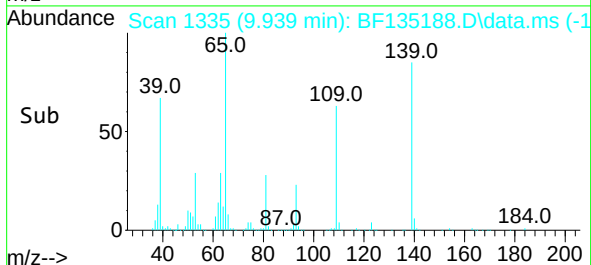
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

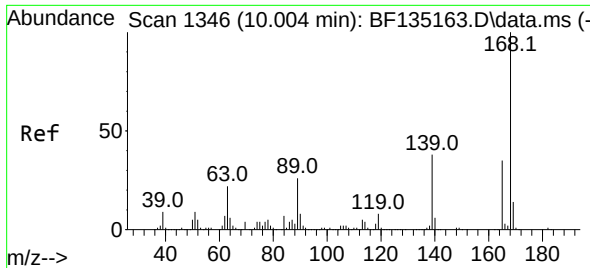


#56
4-Nitrophenol
Concen: 101.001 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



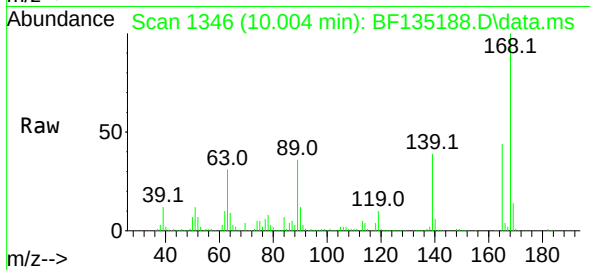
Tgt Ion:139 Resp: 255878
Ion Ratio Lower Upper
139 100
109 73.6 49.8 89.8
65 117.2 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 49.286 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

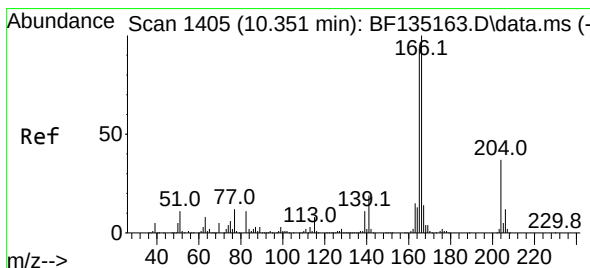
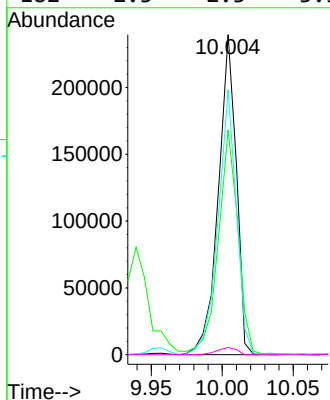
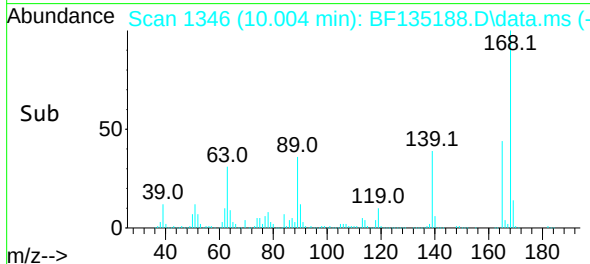
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



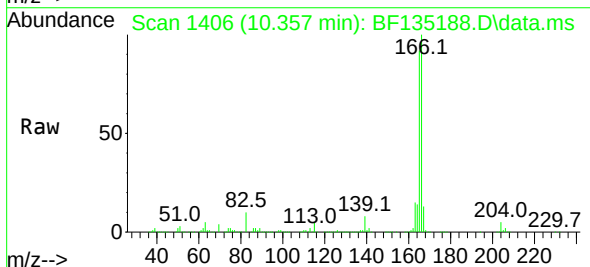
Tgt Ion:165 Resp: 20953
Ion Ratio Lower Upper
165 100
63 70.2 50.1 75.1
89 82.8 59.3 88.9
182 2.3 2.3 3.5#

Manual Integrations
APPROVED

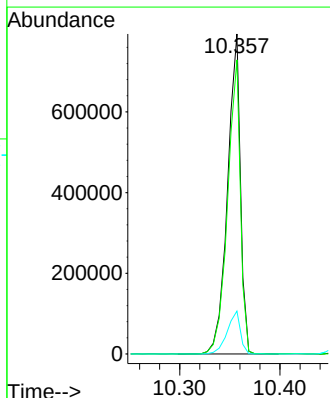
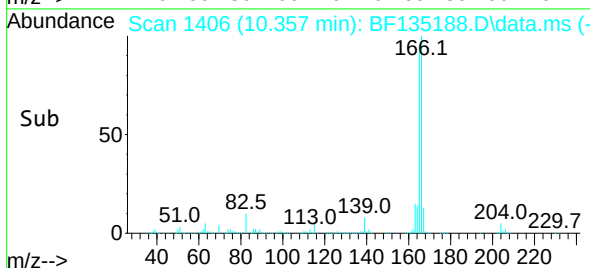
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

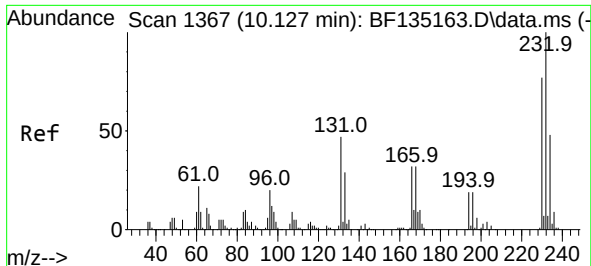


#58
Fluorene
Concen: 47.937 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



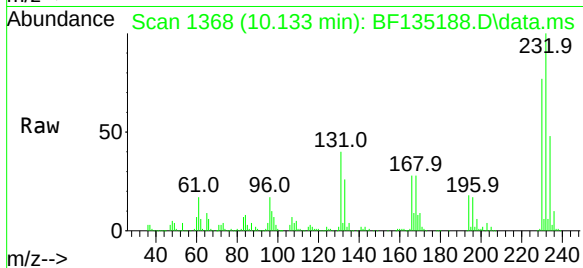
Tgt Ion:166 Resp: 705829
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.982 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

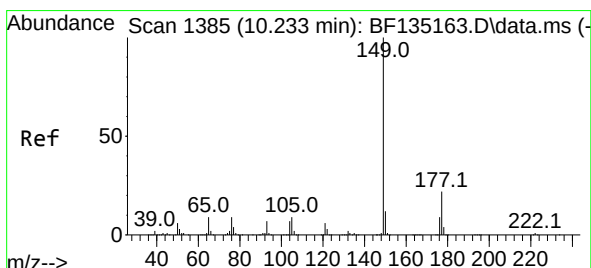
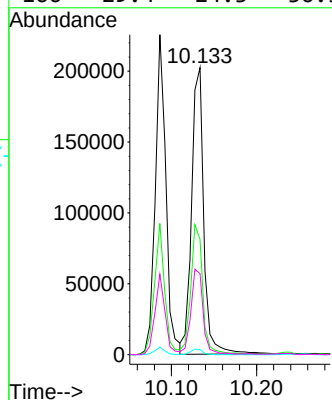
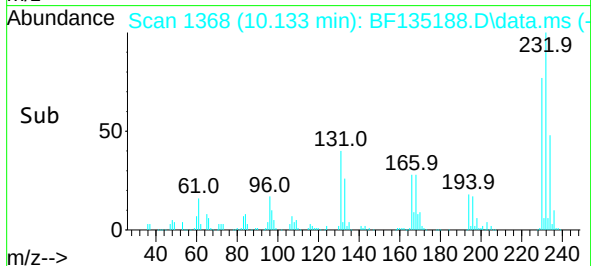
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



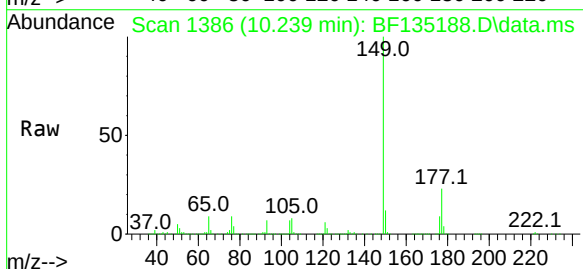
Tgt Ion:232 Resp: 200269
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 1.9 1.8 2.8
166 29.4 24.3 36.5

Manual Integrations
APPROVED

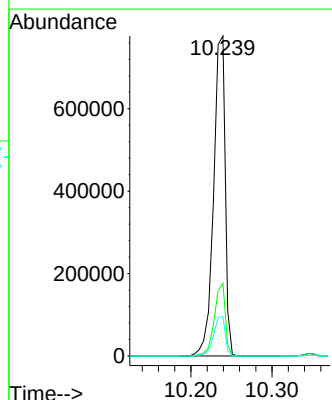
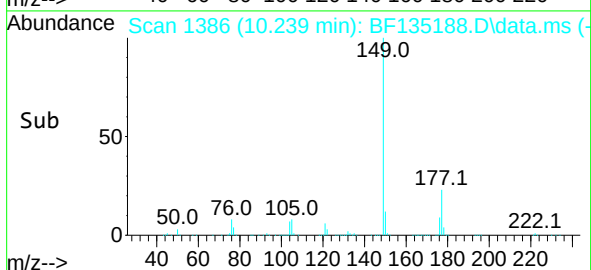
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

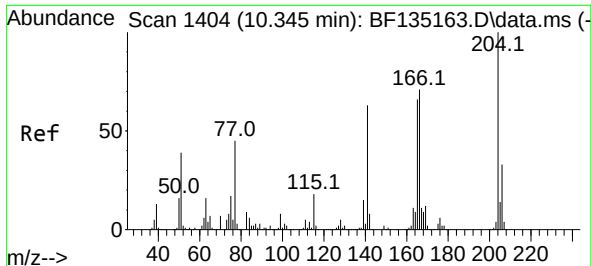


#60
Diethylphthalate
Concen: 49.552 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



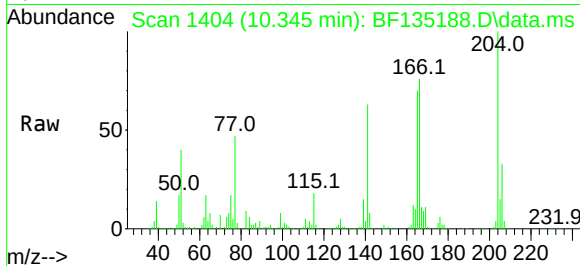
Tgt Ion:149 Resp: 770885
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.015 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

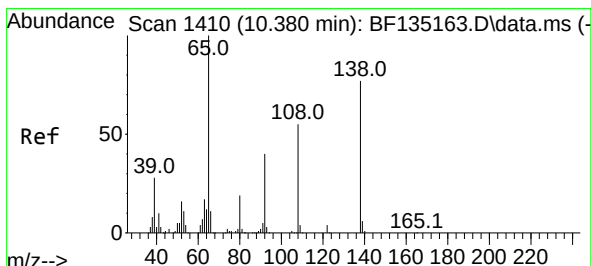
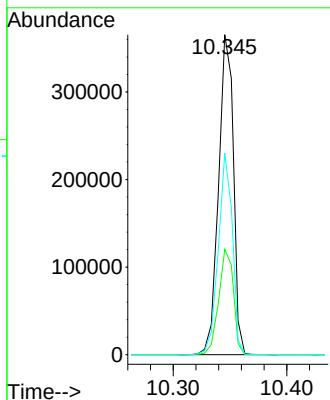
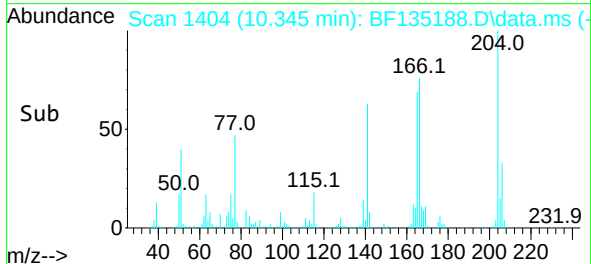
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



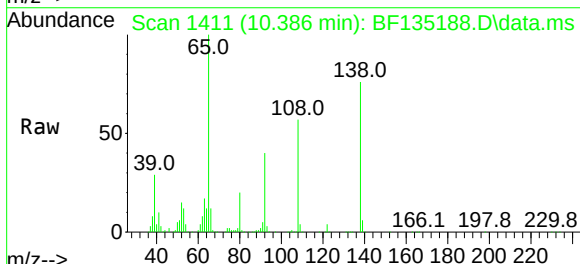
Tgt Ion:204 Resp: 332530
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 63.0 50.6 75.8

Manual Integrations
APPROVED

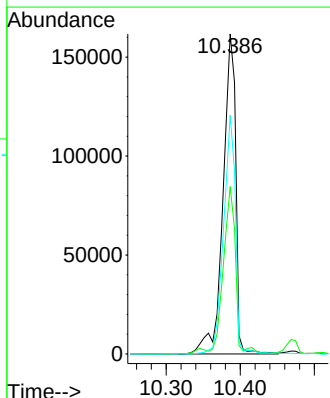
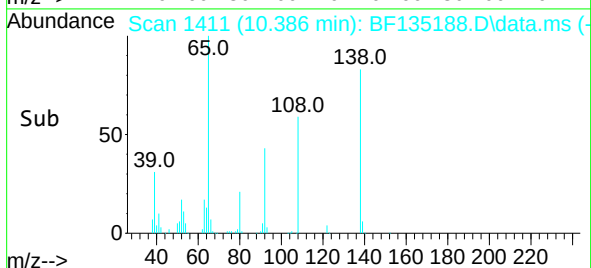
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

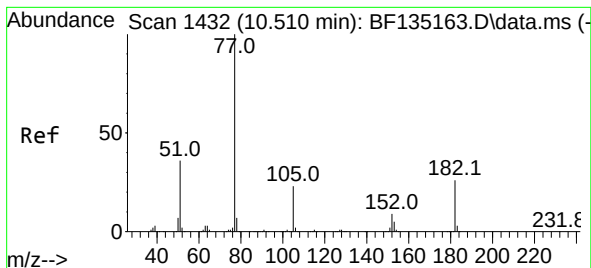


#62
4-Nitroaniline
Concen: 50.342 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



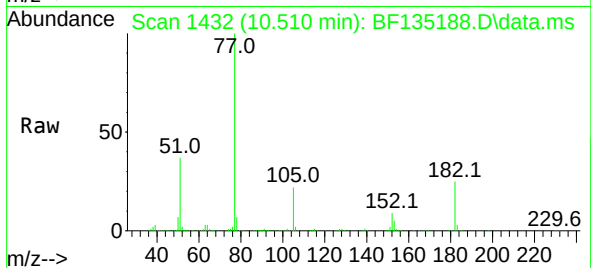
Tgt Ion:138 Resp: 192896
Ion Ratio Lower Upper
138 100
92 52.3 31.8 71.8
108 74.6 52.0 92.0





#63
Azobenzene
Concen: 48.857 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

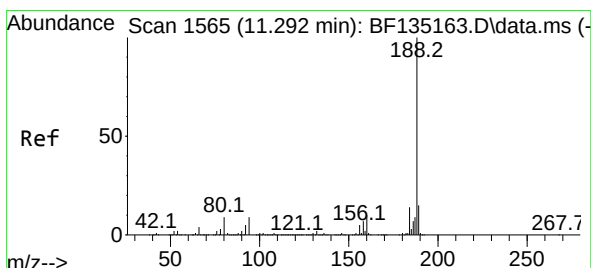
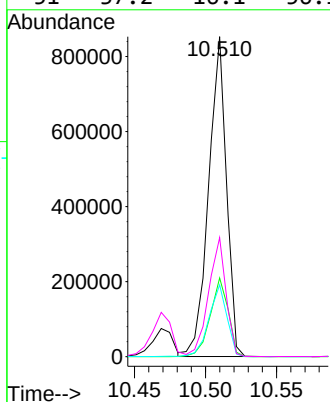
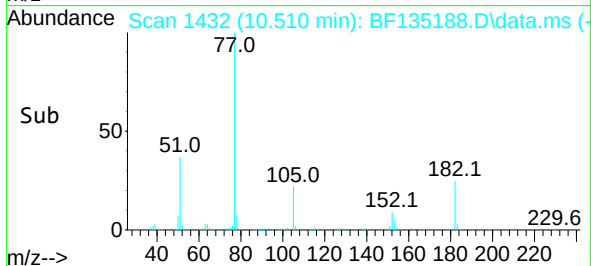
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



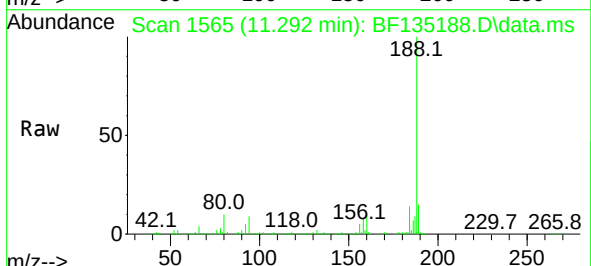
Tgt Ion: 77 Resp: 74388
Ion Ratio Lower Upper
77 100
182 24.6 6.4 46.4
105 22.4 3.1 43.1
51 37.2 16.1 56.1

Manual Integrations
APPROVED

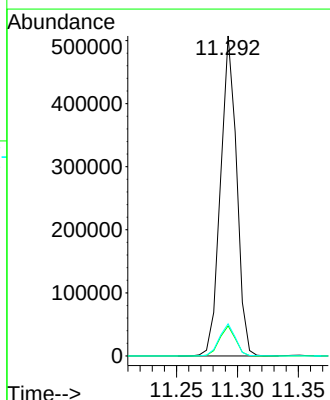
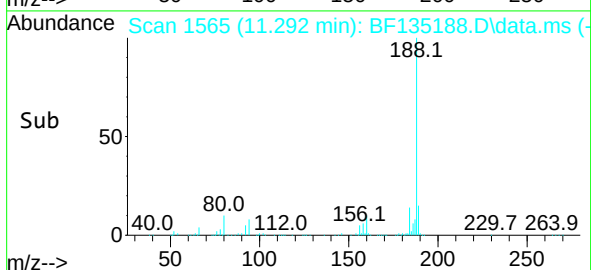
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

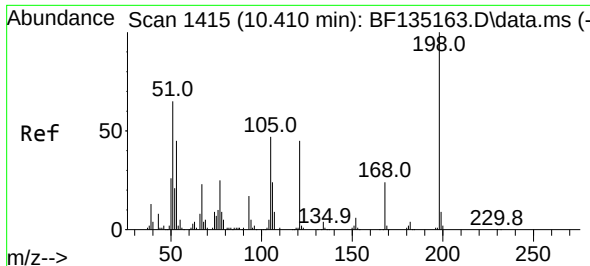


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:188 Resp: 468853
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.0 7.5 11.3





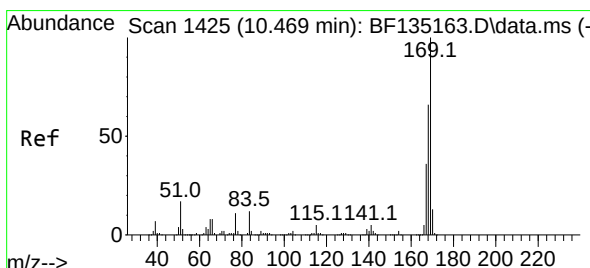
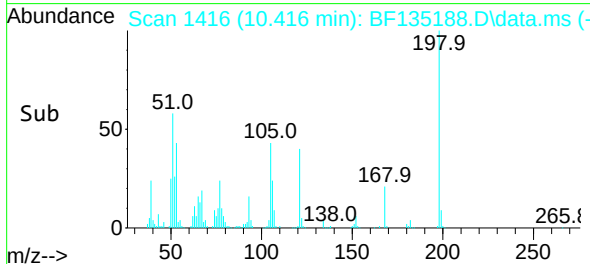
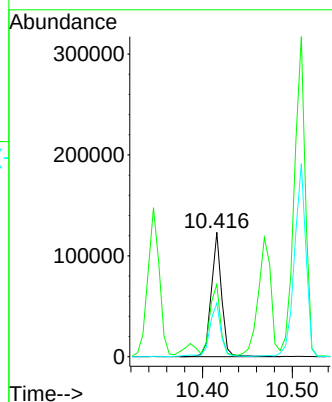
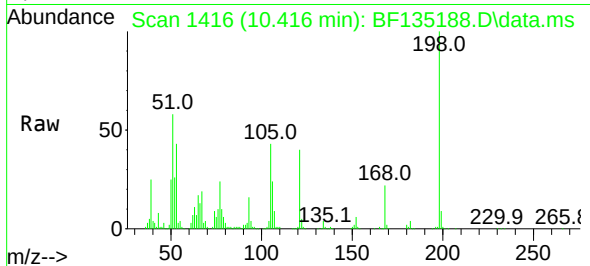
#65
4,6-Dinitro-2-methylphenol
Concen: 39.303 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS

Tgt Ion:198 Resp: 9787
Ion Ratio Lower Upper
198 100
51 58.2 47.7 87.7
105 43.0 27.4 67.4

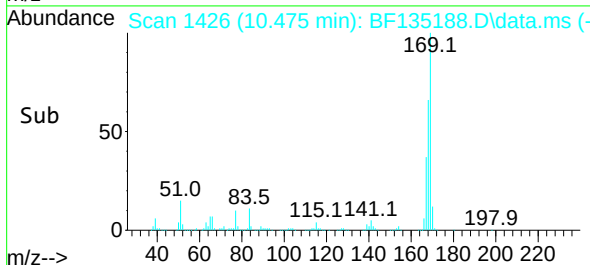
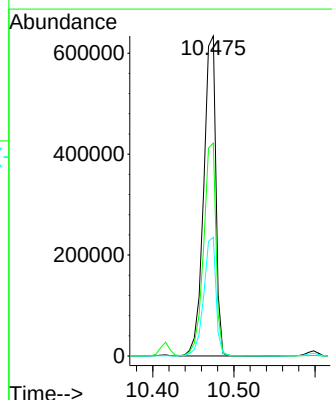
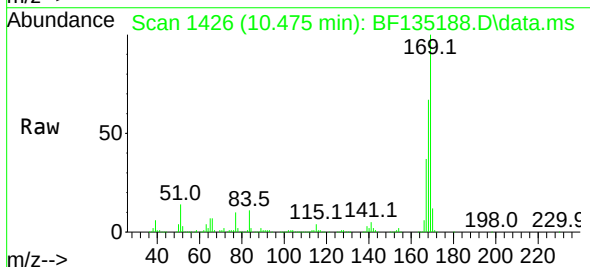
Manual Integrations
APPROVED

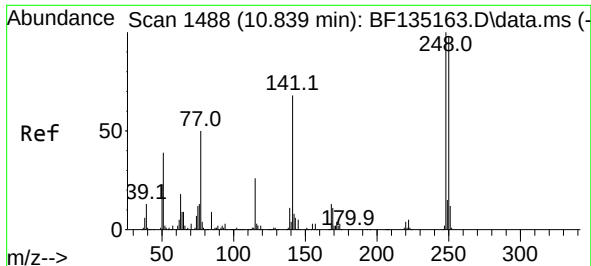
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 46.632 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

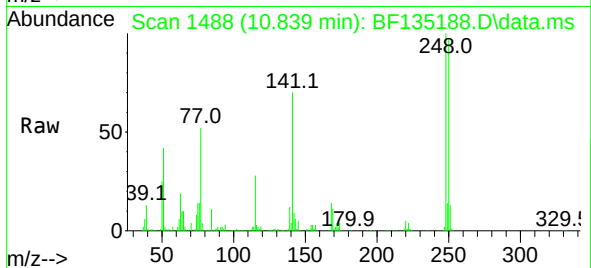
Tgt Ion:169 Resp: 661907
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.668 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

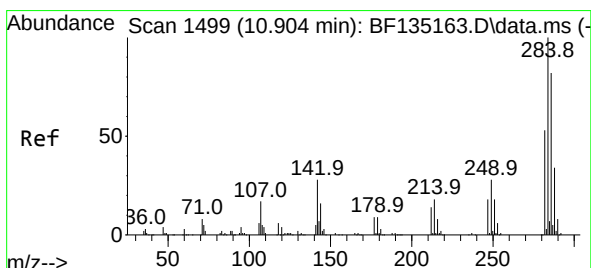
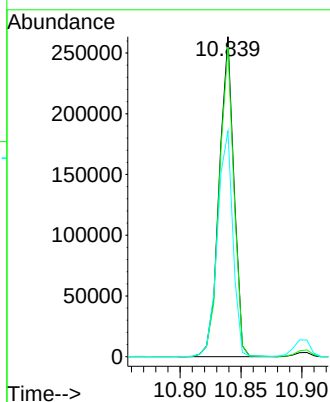
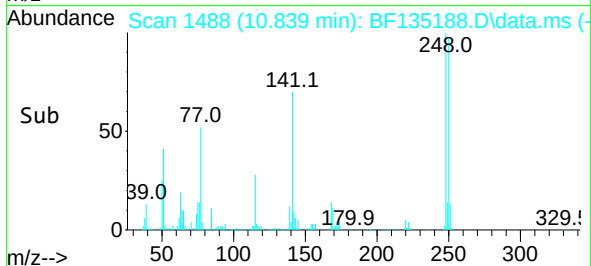
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



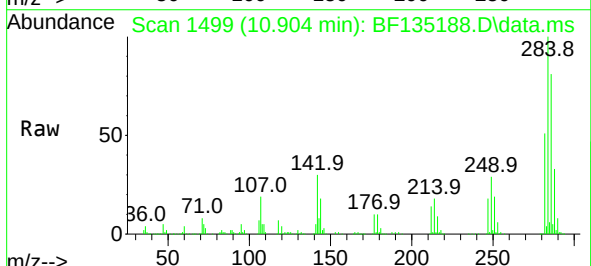
Tgt Ion:248 Resp: 222280
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 70.5 54.2 81.2

Manual Integrations
APPROVED

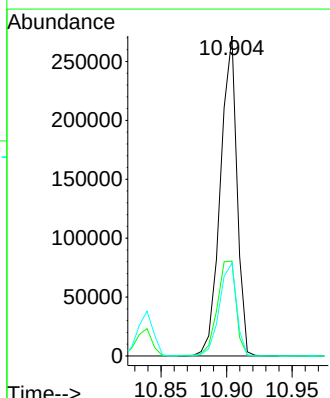
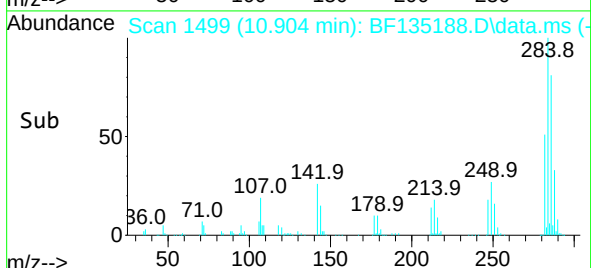
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

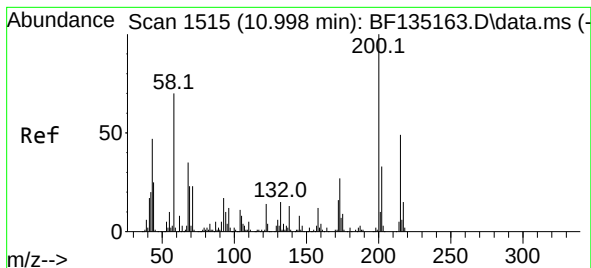


#68
Hexachlorobenzene
Concen: 50.140 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:284 Resp: 238194
Ion Ratio Lower Upper
284 100
142 29.6 22.2 33.4
249 29.0 22.5 33.7





#69

Atrazine

Concen: 56.241 ng

RT: 11.004 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF135188.D

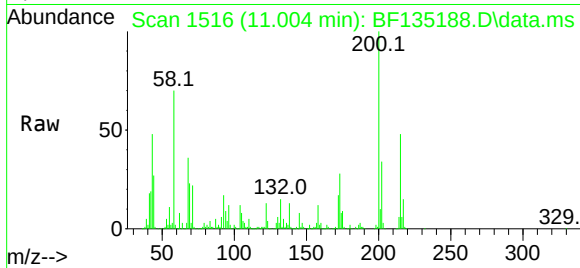
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



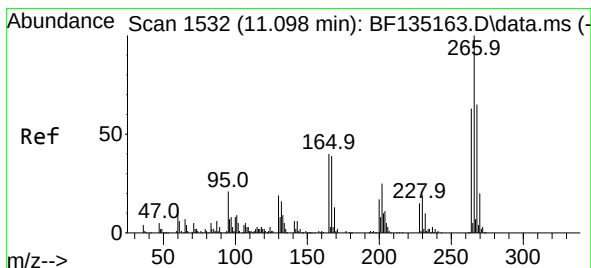
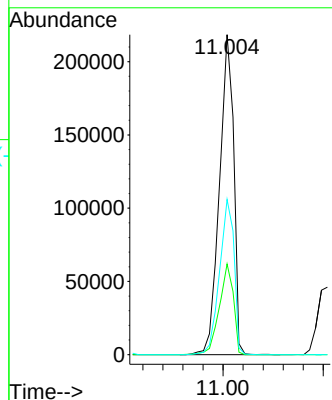
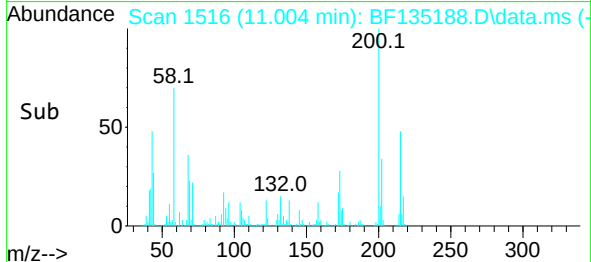
Tgt Ion:	200	Resp:	21480
Ion Ratio	Lower	Upper	
200	100		
173	28.3	7.4	47.4
215	48.5	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 94.624 ng

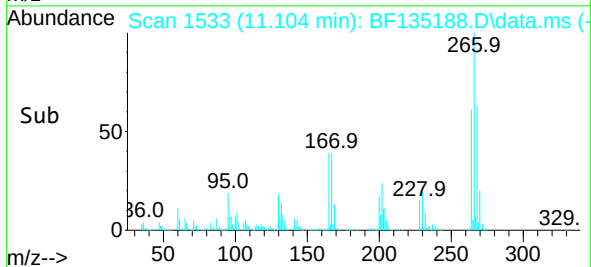
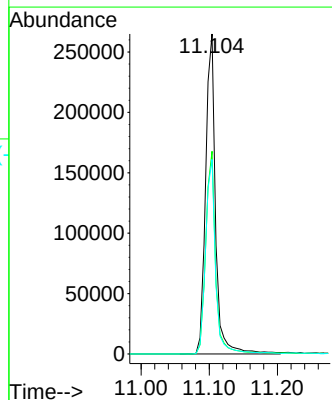
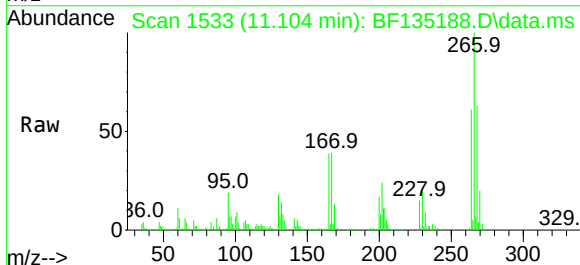
RT: 11.104 min Scan# 1533

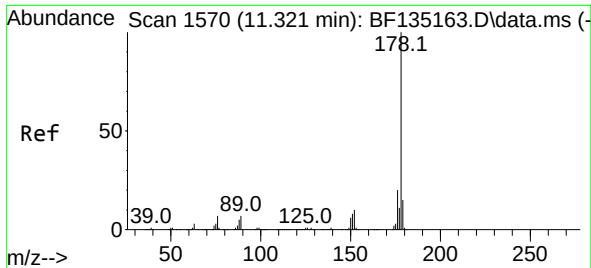
Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:	266	Resp:	268949
Ion Ratio	Lower	Upper	
266	100		
268	63.3	52.1	78.1
264	60.8	50.8	76.2





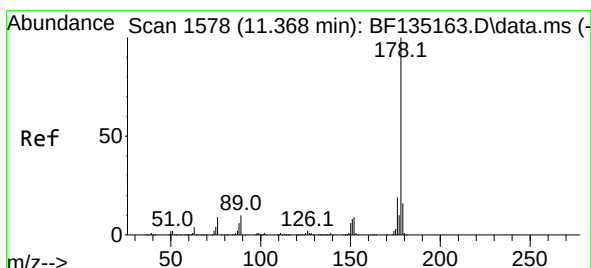
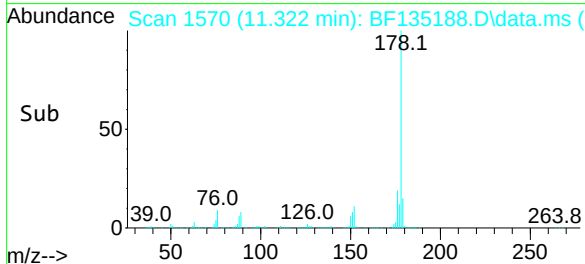
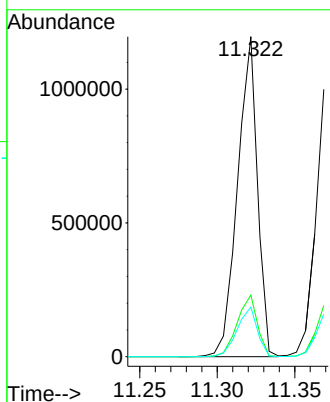
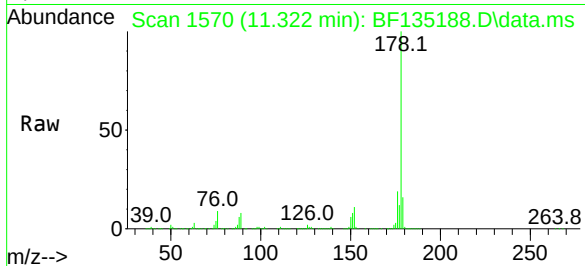
#71
Phenanthrene
Concen: 48.124 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS

Tgt Ion:178 Resp: 106714
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.0 18.0

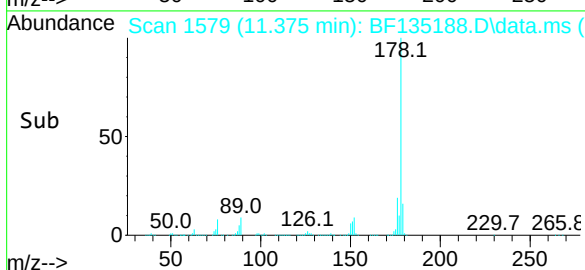
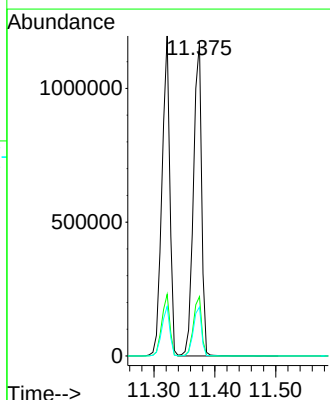
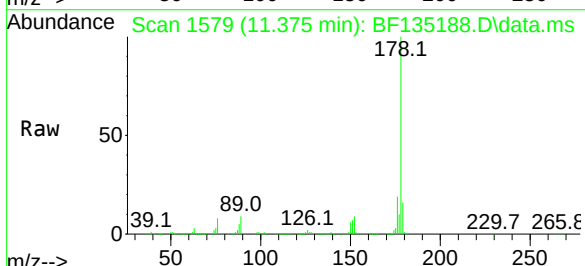
Manual Integrations
APPROVED

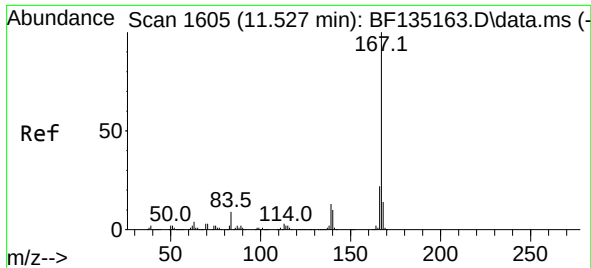
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Anthracene
Concen: 47.704 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

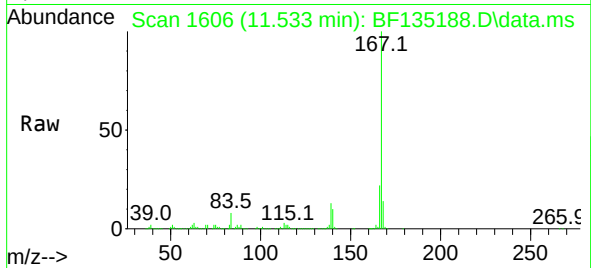
Tgt Ion:178 Resp: 1087339
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.6 19.0





#73
Carbazole
Concen: 49.422 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

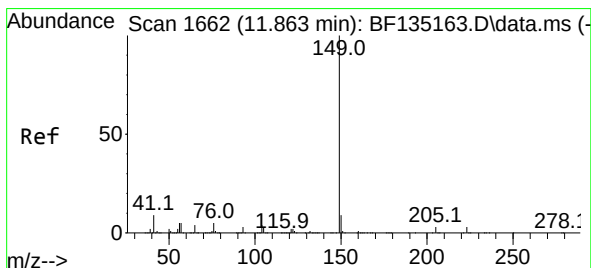
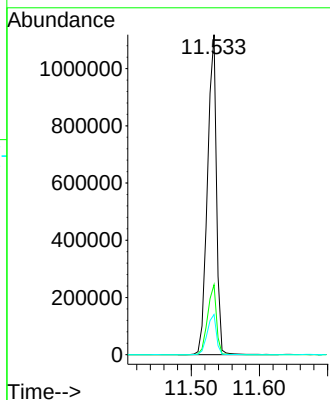
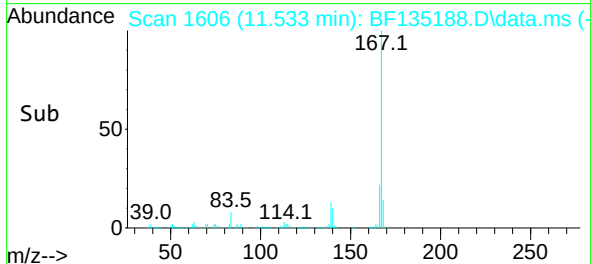
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



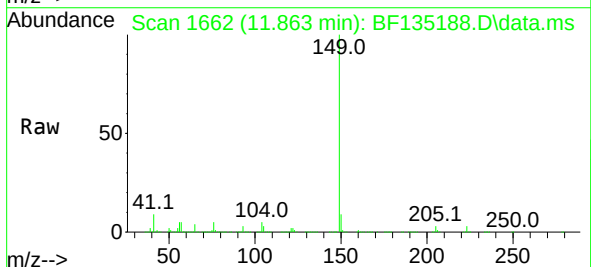
Tgt Ion:167 Resp: 1025469
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 12.6 10.6 15.8

Manual Integrations
APPROVED

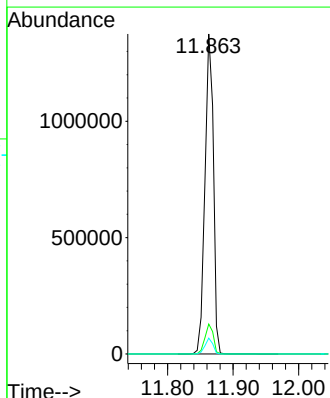
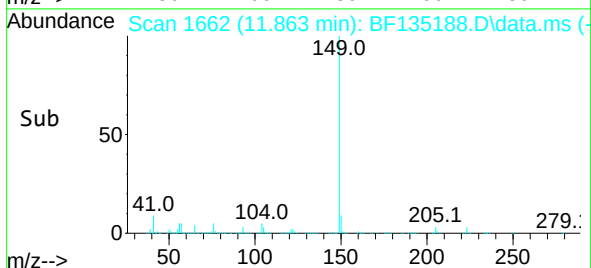
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

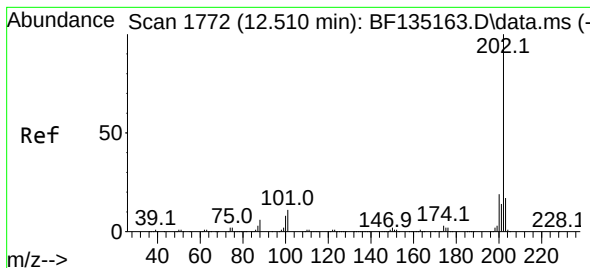


#74
Di-n-butylphthalate
Concen: 50.344 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



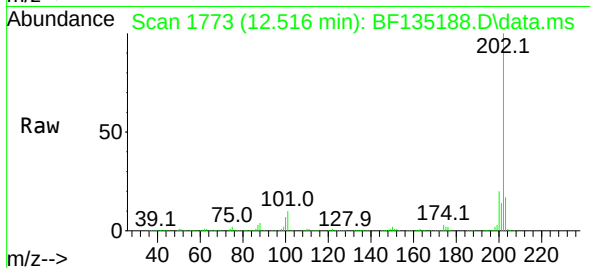
Tgt Ion:149 Resp: 1230895
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 50.330 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

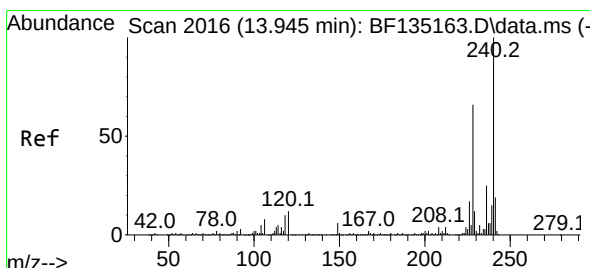
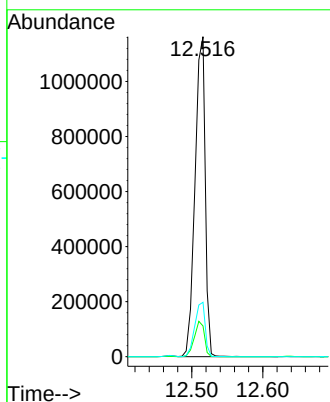
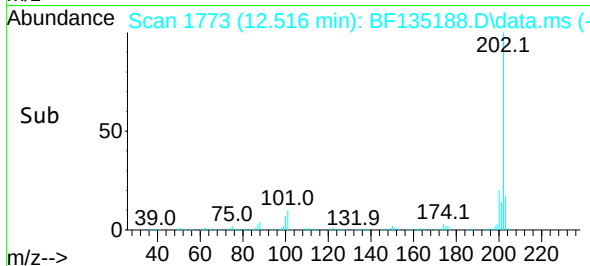
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:202 Resp: 116292
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.3
203 17.0 0.0 37.4

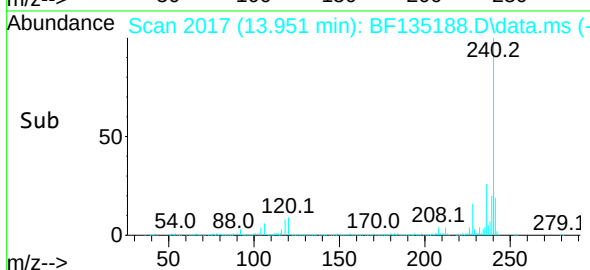
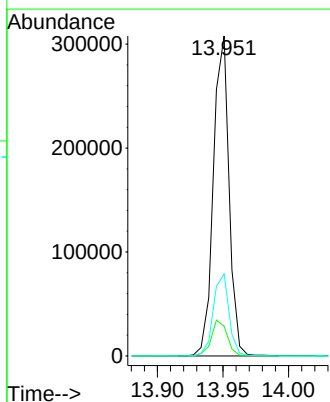
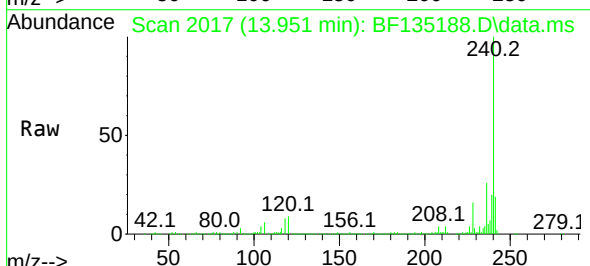
Manual Integrations
APPROVED

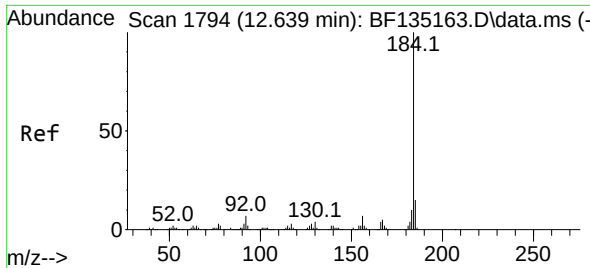
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

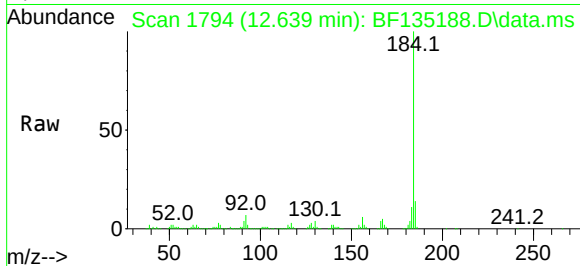
Tgt Ion:240 Resp: 255879
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.2#
236 25.6 19.8 29.8





#77
Benzidine
Concen: 52.174 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

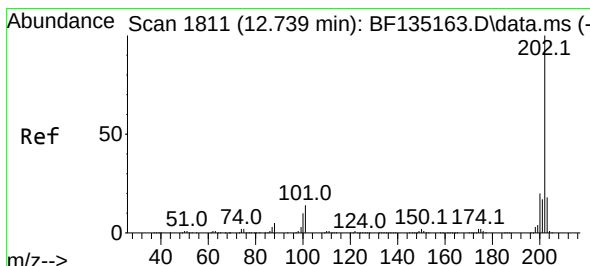
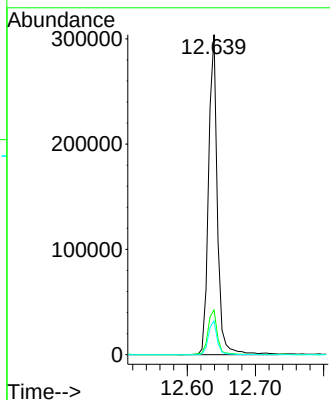
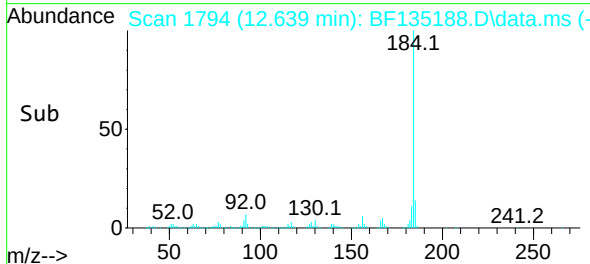
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



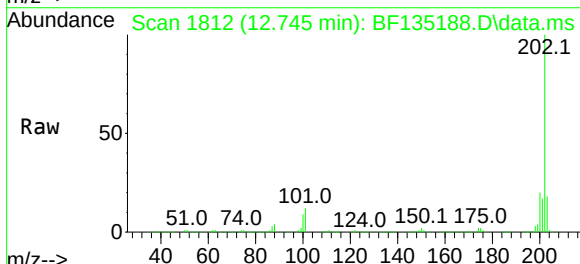
Tgt Ion:184 Resp: 27350
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.5 8.2 12.4

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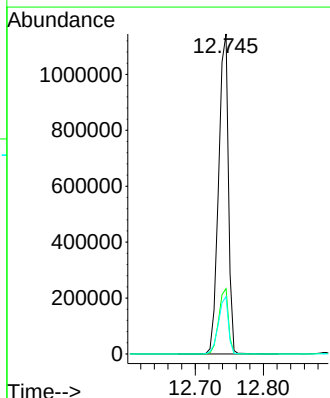
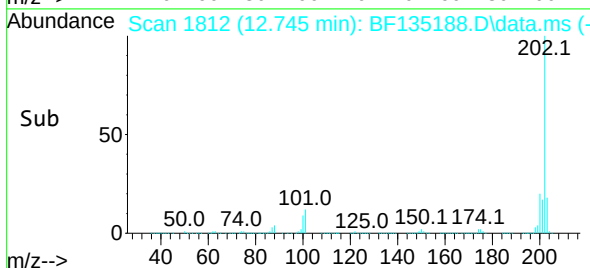
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

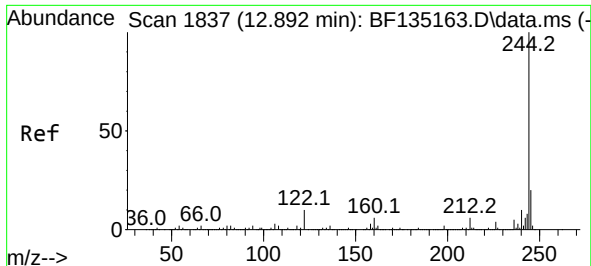


#78
Pyrene
Concen: 46.948 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



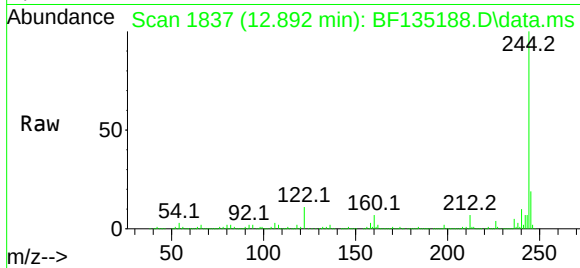
Tgt Ion:202 Resp: 1143721
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 87.979 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

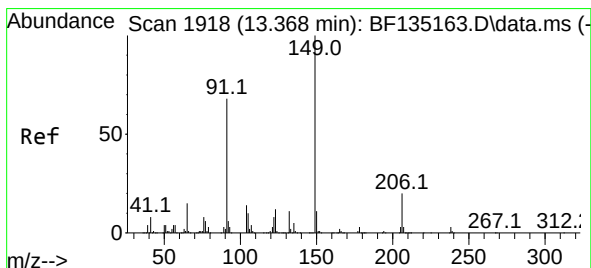
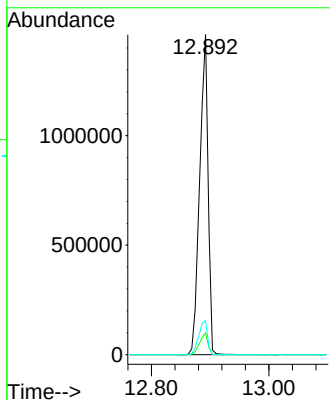
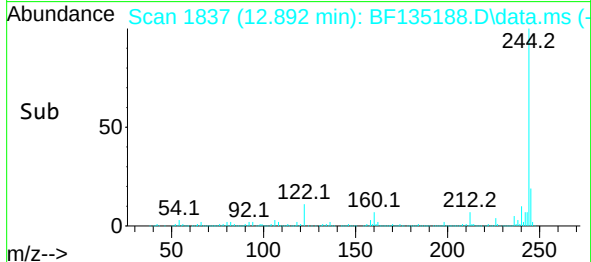
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMS



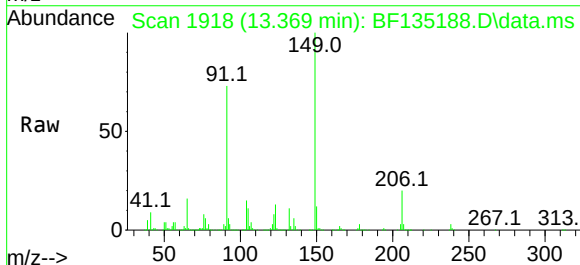
Tgt Ion:244 Resp: 1452198
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.7 7.9 11.9

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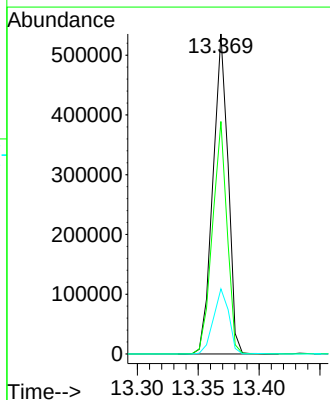
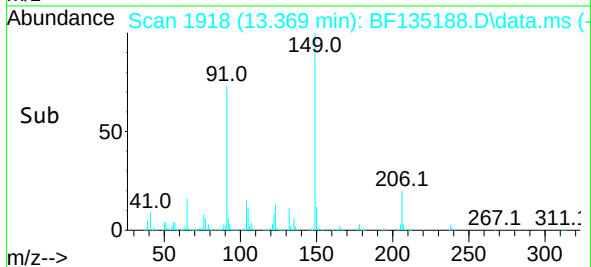
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

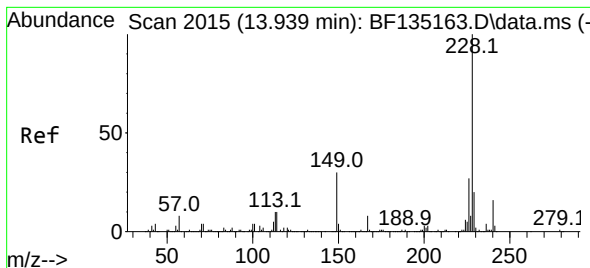


#80
 Butylbenzylphthalate
 Concen: 53.909 ng
 RT: 13.369 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48



Tgt Ion:149 Resp: 462396
 Ion Ratio Lower Upper
 149 100
 91 72.7 54.7 82.1
 206 20.4 16.3 24.5





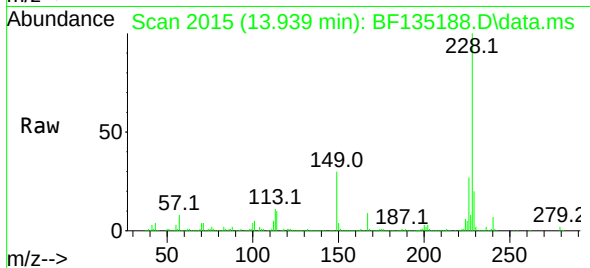
#81
Benzo(a)anthracene
Concen: 48.497 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

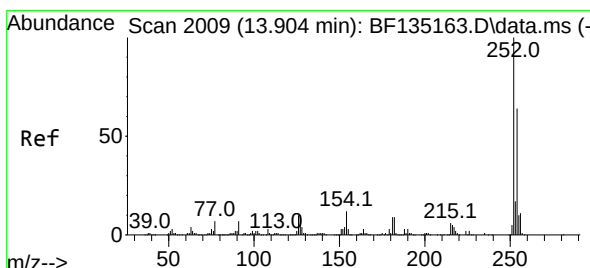
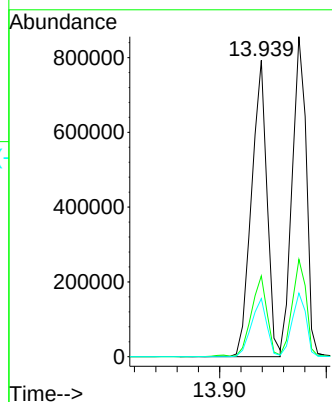
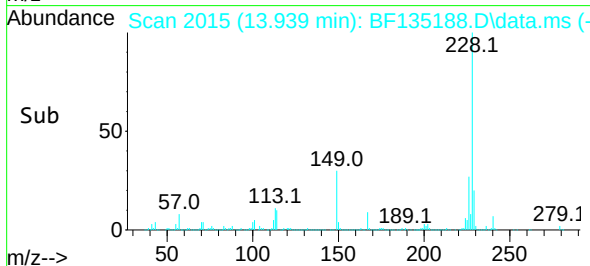


Tgt Ion:228 Resp: 801308
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.6 15.8 23.8

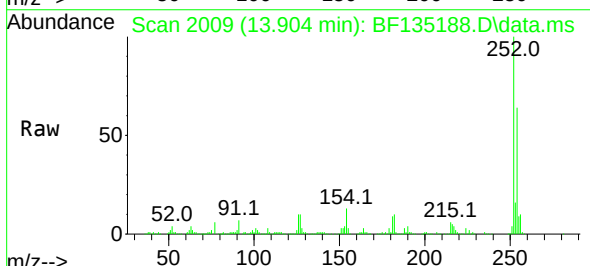
Manual Integrations

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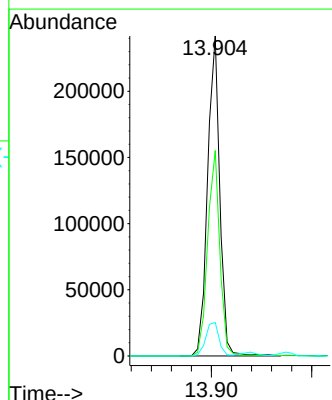
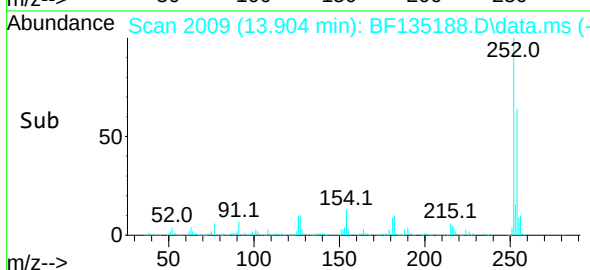
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

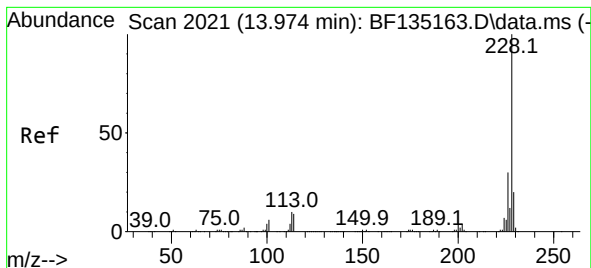


#82
3,3'-Dichlorobenzidine
Concen: 39.810 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:252 Resp: 205459
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 10.4 7.8 11.8





#83

Chrysene

Concen: 48.216 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

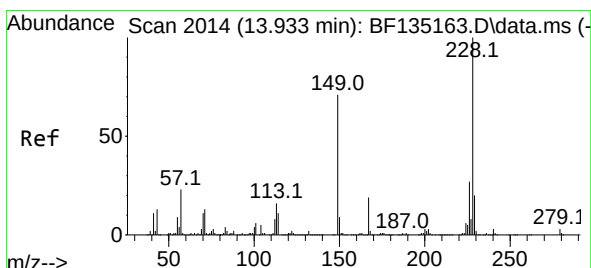
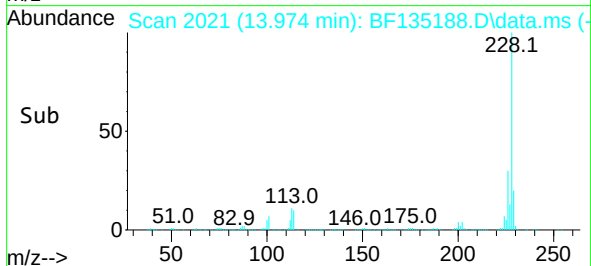
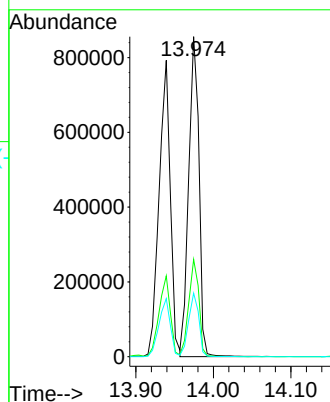
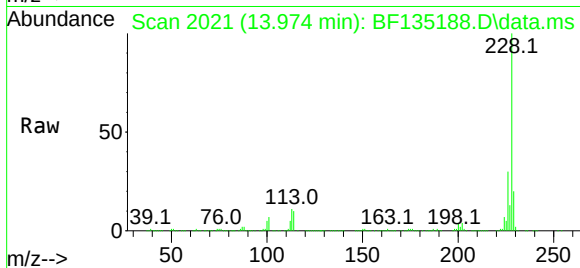
TP-9-5-23-EPHMS

Tgt Ion:228 Resp: 792072
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 19.9 16.0 24.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.408 ng

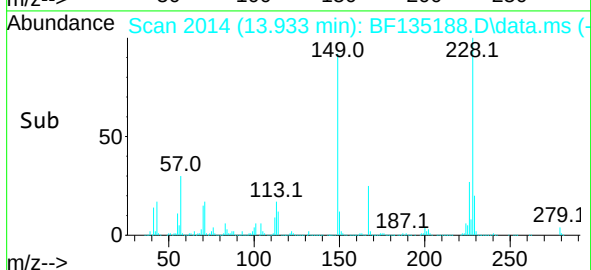
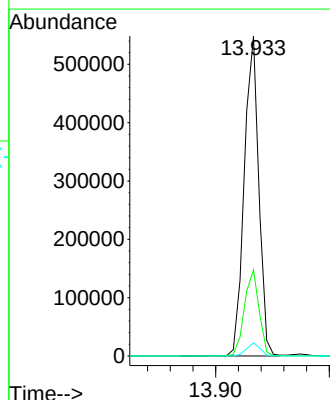
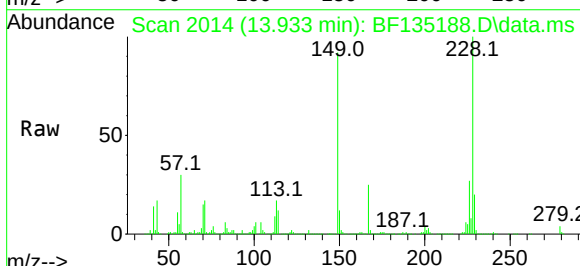
RT: 13.933 min Scan# 2014

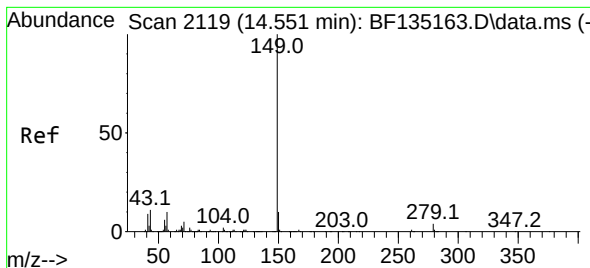
Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

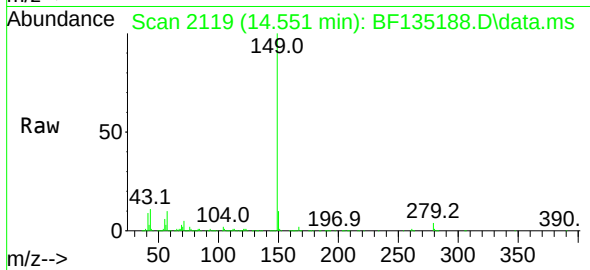
Tgt Ion:149 Resp: 487693
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.9 32.9
 279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 53.192 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

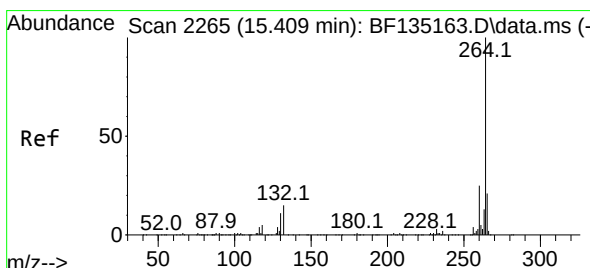
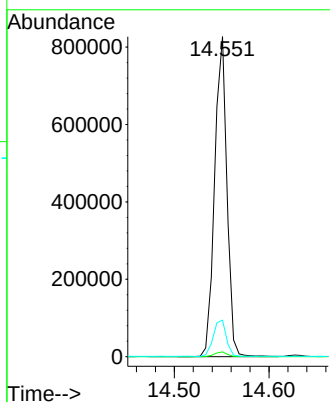
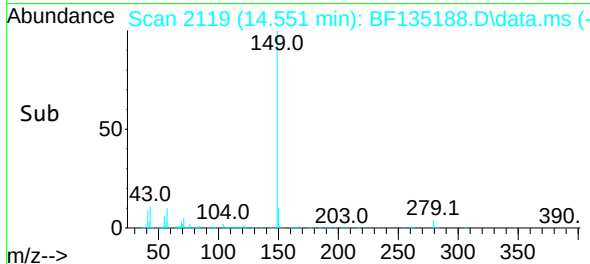
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



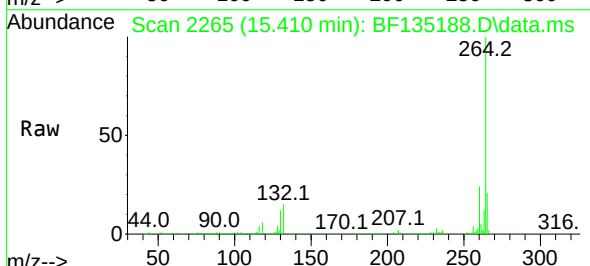
Tgt Ion:149 Resp: 74404
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.0 9.8 14.6

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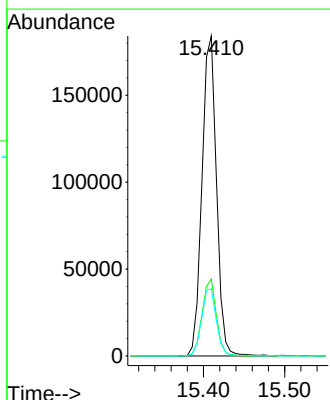
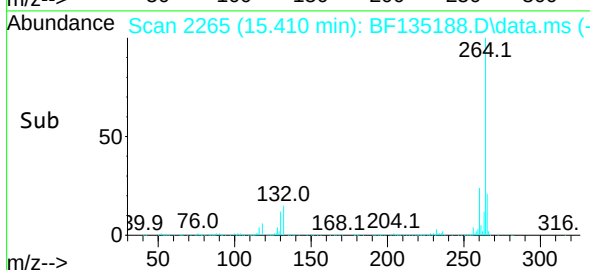
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

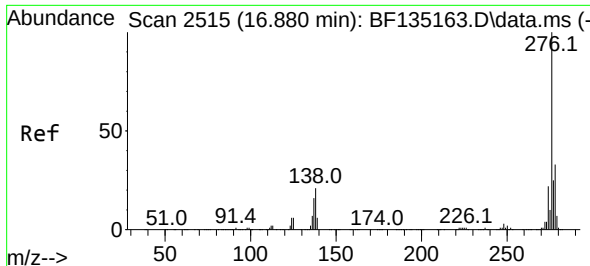


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



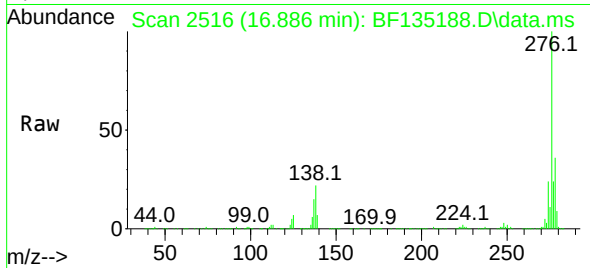
Tgt Ion:264 Resp: 228242
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 21.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.402 ng
RT: 16.886 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

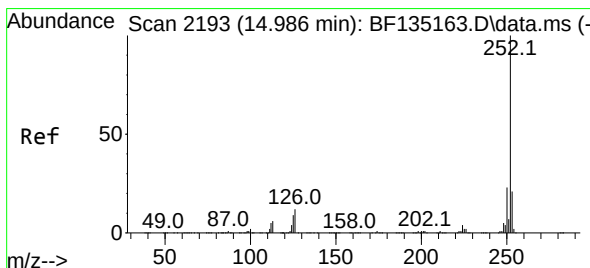
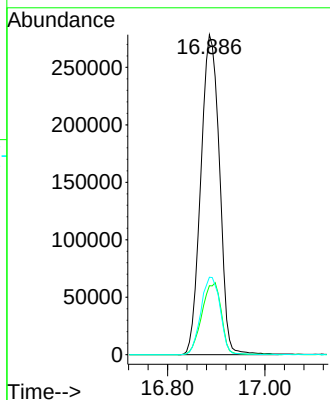
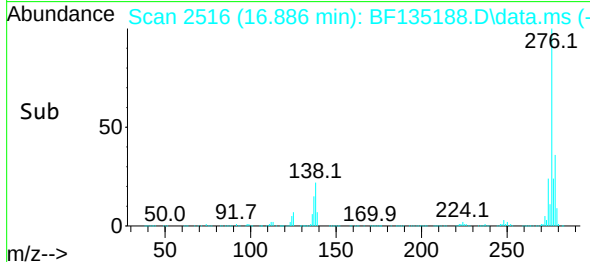
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



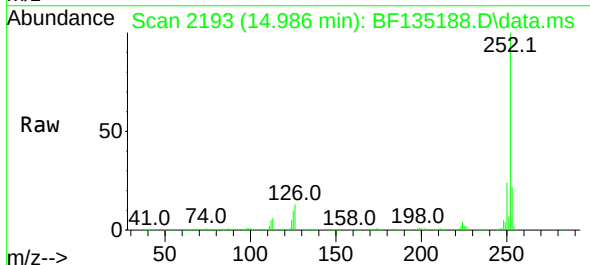
Tgt Ion:276 Resp: 739308
Ion Ratio Lower Upper
276 100
138 23.4 19.2 28.8
277 25.1 19.7 29.5

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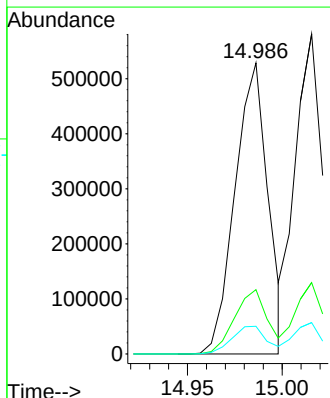
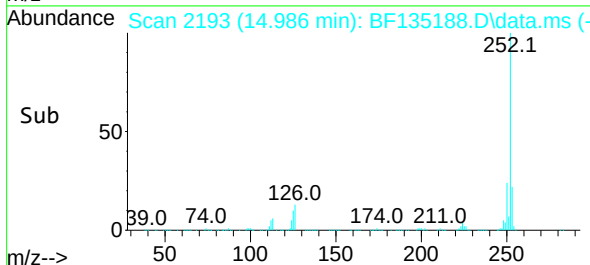
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

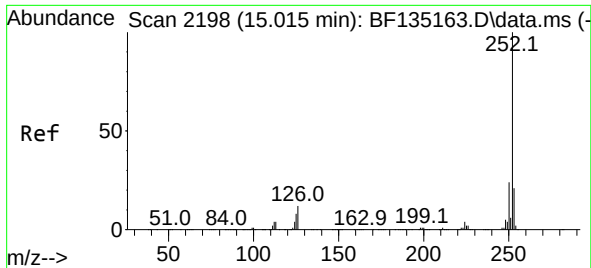


#88
Benzo(b)fluoranthene
Concen: 51.687 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



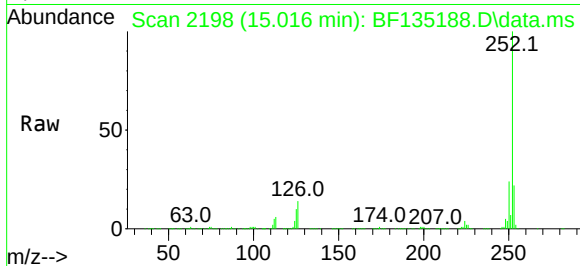
Tgt Ion:252 Resp: 638618
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.5 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 48.454 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

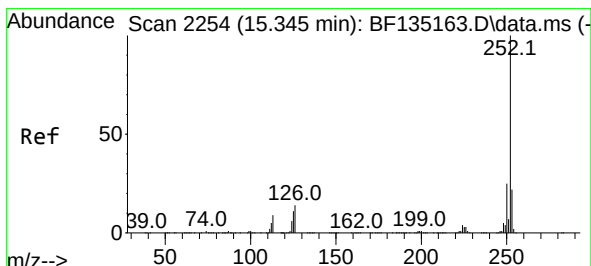
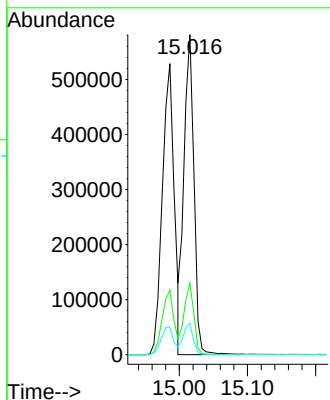
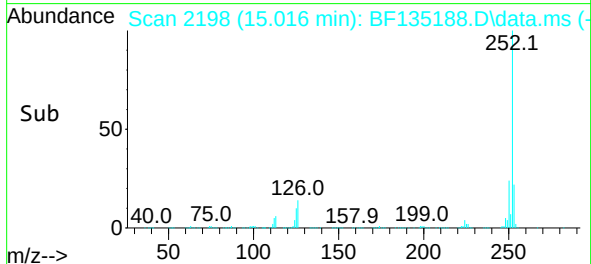
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



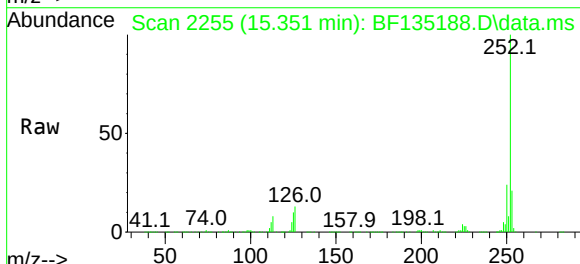
Tgt Ion:252 Resp: 591389
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.8 7.2 10.8

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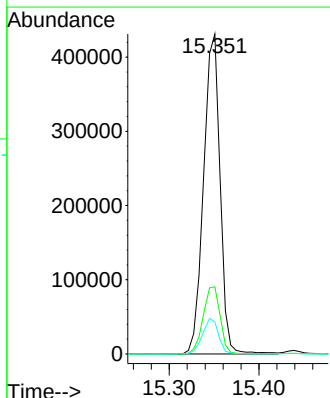
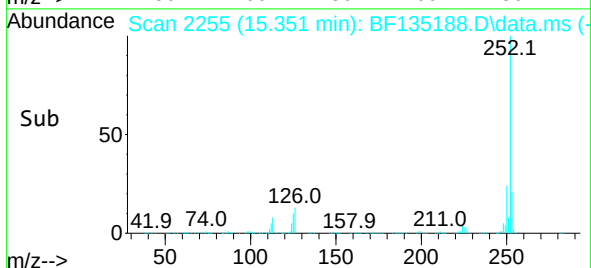
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

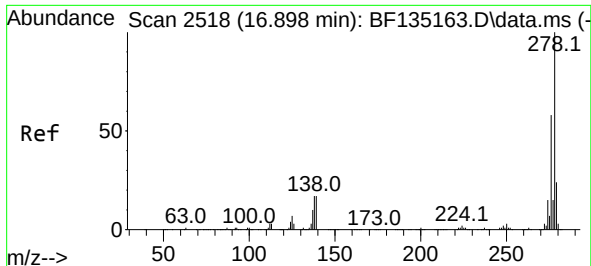


#90
Benzo(a)pyrene
Concen: 46.756 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



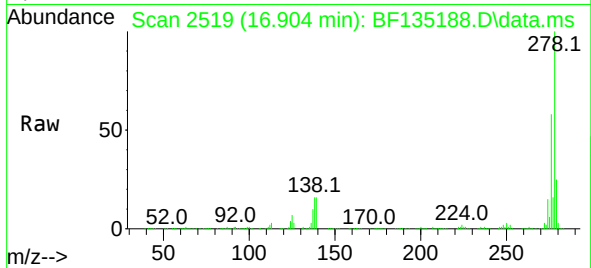
Tgt Ion:252 Resp: 550914
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 10.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 48.855 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

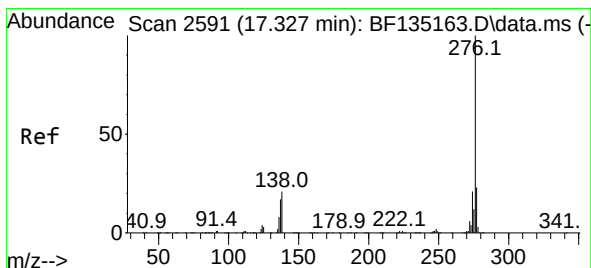
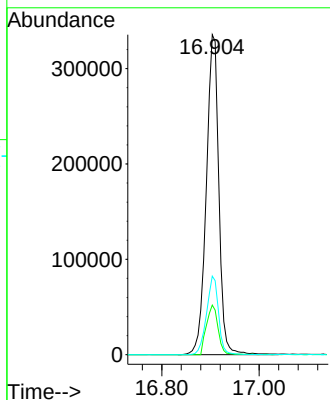
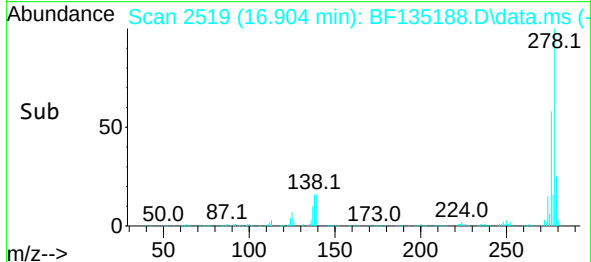
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



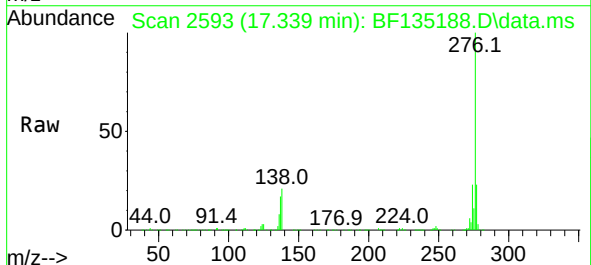
Tgt Ion:278 Resp: 59821
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 24.5 19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 49.942 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:276 Resp: 638651
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 16.9 25.3

