

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135313.D
 Acq On : 18 Sep 2023 18:42
 Operator : CG\JU
 Sample : 04305-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 19 00:13:53 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 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	128728	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	498703	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	246102	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	428252	20.000	ng	0.00
76) Chrysene-d12	13.945	240	191578	20.000	ng	0.00
86) Perylene-d12	15.410	264	262217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	522552	66.023	ng	0.00
7) Phenol-d6	6.404	99	658103	65.392	ng	0.00
23) Nitrobenzene-d5	7.322	82	403991	44.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	155870	63.733	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	737386	45.205	ng	-0.01
79) Terphenyl-d14	12.880	244	540551	43.740	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	134486	38.761	ng	99
3) Pyridine	3.281	79	338537	36.253	ng	95
4) n-Nitrosodimethylamine	3.252	42	227291	45.868	ng	92
6) Aniline	6.428	93	408172	30.929	ng	96
8) 2-Chlorophenol	6.545	128	369474	43.730	ng	99
9) Benzaldehyde	6.310	77	158233	27.599	ng	98
10) Phenol	6.416	94	442244	40.074	ng	92
11) bis(2-Chloroethyl)ether	6.498	93	350723	42.369	ng	97
12) 1,3-Dichlorobenzene	6.698	146	372828	43.420	ng	99
13) 1,4-Dichlorobenzene	6.775	146	372714	42.664	ng	98
14) 1,2-Dichlorobenzene	6.928	146	358768	44.223	ng	98
15) Benzyl Alcohol	6.910	79	317100	43.909	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	689910	44.216	ng	96
17) 2-Methylphenol	7.022	107	290873	39.013	ng	96
18) Hexachloroethane	7.263	117	145569	45.097	ng	93
19) n-Nitroso-di-n-propyla...	7.175	70	241892	38.804	ng	92
20) 3+4-Methylphenols	7.175	107	339149	37.829	ng	93
22) Acetophenone	7.169	105	473097	41.494	ng	98
24) Nitrobenzene	7.345	77	396023	43.650	ng	97
25) Isophorone	7.581	82	720060	42.720	ng	99
26) 2-Nitrophenol	7.657	139	200204	45.977	ng	98
27) 2,4-Dimethylphenol	7.698	122	292863	40.013	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	447151	44.323	ng	100
29) 2,4-Dichlorophenol	7.904	162	297041	43.797	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	316932	44.708	ng	98
31) Naphthalene	8.063	128	1027954	42.424	ng	99
32) Benzoic acid	7.840	122	240859	43.701	ng	95
33) 4-Chloroaniline	8.116	127	357341	33.613	ng	99
34) Hexachlorobutadiene	8.175	225	186976	43.743	ng	99
35) Caprolactam	8.492	113	104320m	45.831	ng	
36) 4-Chloro-3-methylphenol	8.604	107	328124	43.530	ng	99
37) 2-Methylnaphthalene	8.751	142	656358	40.298	ng	98
38) 1-Methylnaphthalene	8.851	142	628895	41.241	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	313495	43.970	ng	99
41) Hexachlorocyclopentadiene	8.898	237	180245	59.462	ng	97
43) 2,4,6-Trichlorophenol	9.034	196	209463	44.871	ng	98

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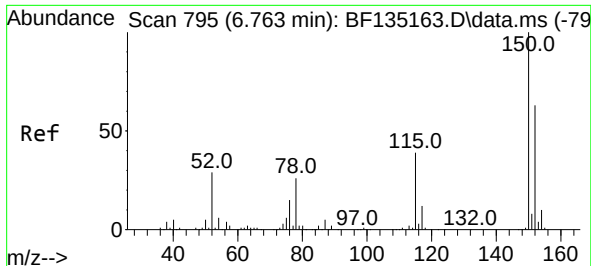
Manual Integrations
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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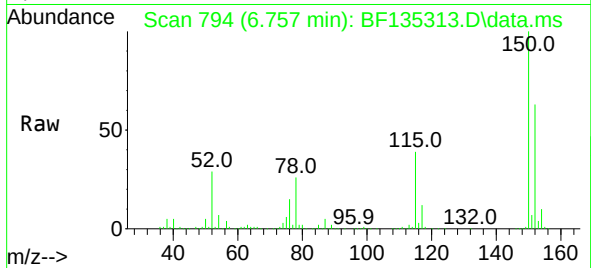
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	225389	41.926	ng	98
46) 1,1'-Biphenyl	9.216	154	829762	43.874	ng	98
47) 2-Chloronaphthalene	9.245	162	615852	44.880	ng	98
48) 2-Nitroaniline	9.345	65	244186	45.805	ng	93
49) Acenaphthylene	9.657	152	1009430	44.263	ng	100
50) Dimethylphthalate	9.528	163	743375	44.677	ng	100
51) 2,6-Dinitrotoluene	9.592	165	164886	45.236	ng	91
52) Acenaphthene	9.834	154	576834	42.817	ng	100
53) 3-Nitroaniline	9.763	138	155764	36.405	ng	93
54) 2,4-Dinitrophenol	9.875	184	152216	74.063	ng	93
55) Dibenzofuran	10.004	168	857359	41.704	ng	97
56) 4-Nitrophenol	9.939	139	222391	81.782	ng	97
57) 2,4-Dinitrotoluene	9.998	165	189979	41.632	ng	85
58) Fluorene	10.351	166	661460	41.853	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	170912	41.329	ng	98
60) Diethylphthalate	10.228	149	739089	44.260	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	314709	41.453	ng	99
62) 4-Nitroaniline	10.381	138	167010	40.607	ng	98
63) Azobenzene	10.504	77	713849	43.679	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	98840	43.454	ng	98
66) n-Nitrosodiphenylamine	10.463	169	610163	47.062	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	196630	46.165	ng	97
68) Hexachlorobenzene	10.898	284	206099	47.497	ng	94
69) Atrazine	10.998	200	181995	52.169	ng	98
70) Pentachlorophenol	11.098	266	197865	76.215	ng	98
71) Phenanthrene	11.316	178	952258	47.015	ng	100
72) Anthracene	11.369	178	915895	43.992	ng	99
73) Carbazole	11.528	167	805727	42.513	ng	99
74) Di-n-butylphthalate	11.857	149	1066202	47.742	ng	99
75) Fluoranthene	12.510	202	864047	40.940	ng	98
77) Benzidine	12.633	184	336849	85.825	ng	99
78) Pyrene	12.739	202	822899	45.116	ng	99
80) Butylbenzylphthalate	13.363	149	318359	49.574	ng	97
81) Benzo(a)anthracene	13.933	228	573531	46.362	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	209033	54.097	ng	99
83) Chrysene	13.969	228	573653	46.641	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	375407	56.966	ng	100
85) Di-n-octyl phthalate	14.545	149	653955	62.443	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	614306	35.731	ng	99
88) Benzo(b)fluoranthene	14.986	252	662508	46.673	ng	99
89) Benzo(k)fluoranthene	15.016	252	587456	41.896	ng	99
90) Benzo(a)pyrene	15.351	252	588622	43.484	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	503229	35.773	ng	99
92) Benzo(g,h,i)perylene	17.333	276	459221	31.258	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

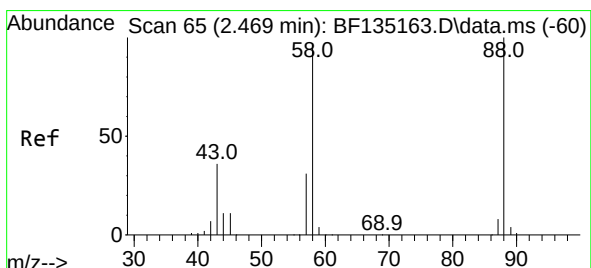
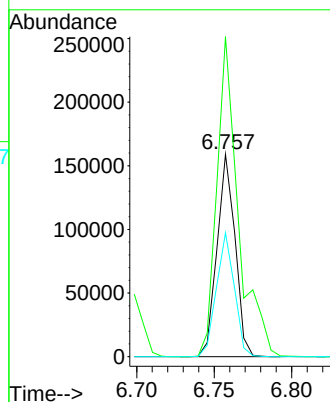
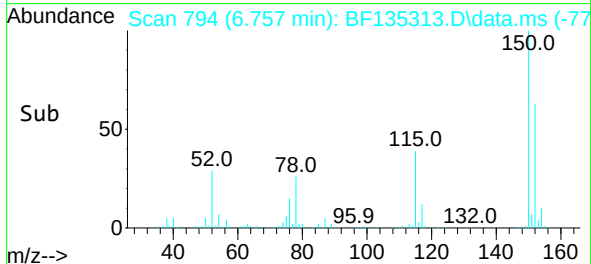
Instrument :
BNA_F
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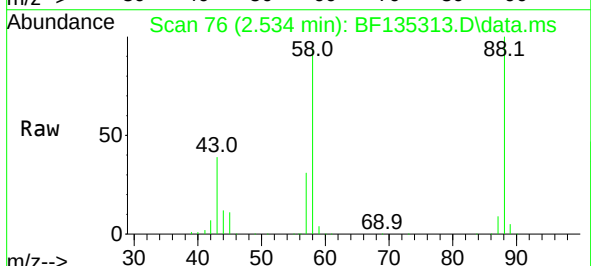
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Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 61.2 49.8 74.8

Manual Integrations
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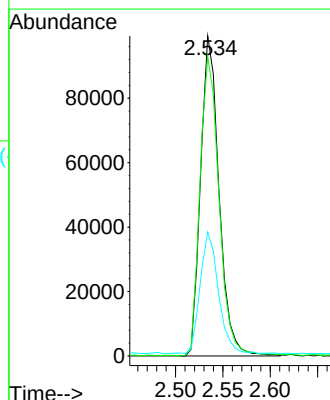
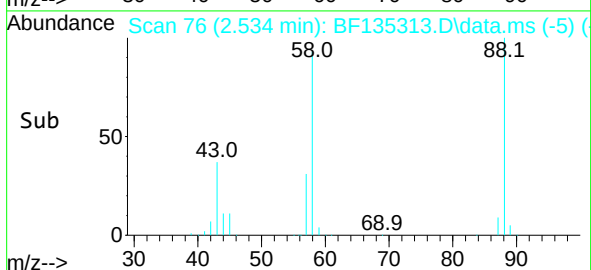
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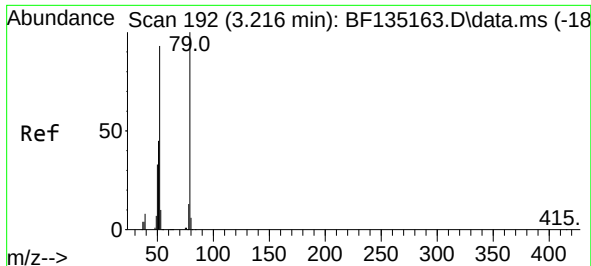


#2
1,4-Dioxane
Concen: 38.761 ng
RT: 2.534 min Scan# 76
Delta R.T. 0.065 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



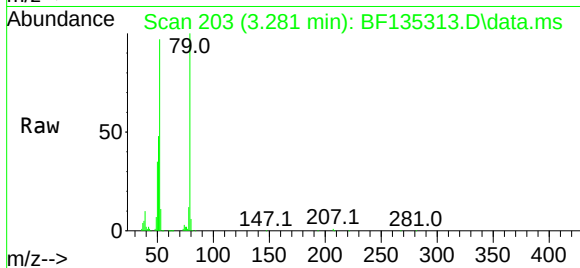
Tgt Ion: 88 Resp: 134486
Ion Ratio Lower Upper
88 100
58 97.5 78.3 117.5
43 37.5 29.4 44.0





#3
Pyridine
Concen: 36.253 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

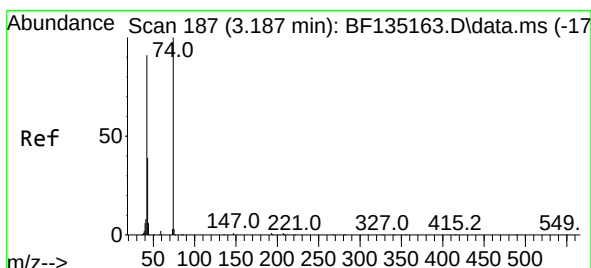
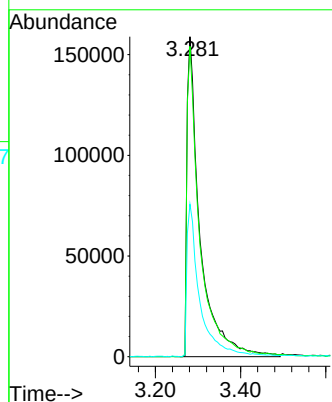
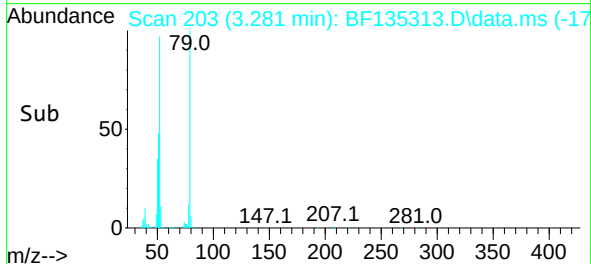
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BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



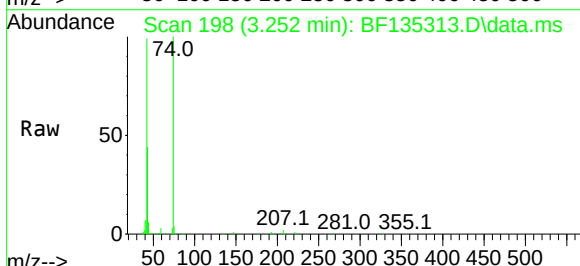
Tgt Ion: 79 Resp: 33853
Ion Ratio Lower Upper
79 100
52 97.0 74.1 111.1
51 47.7 35.8 53.8

Manual Integrations
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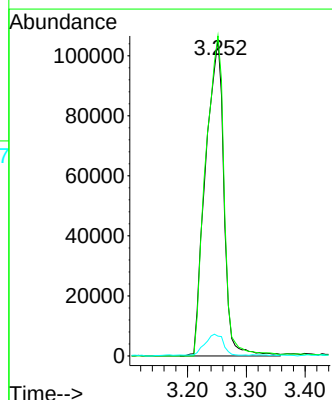
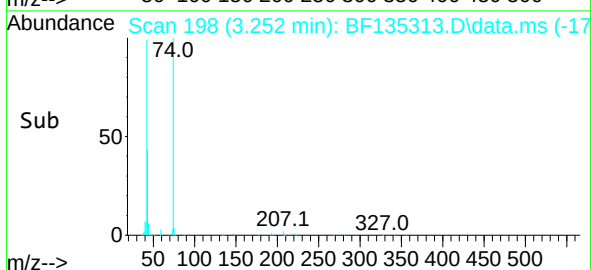
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

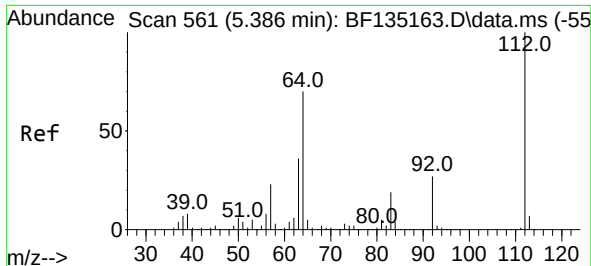


#4
n-Nitrosodimethylamine
Concen: 45.868 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



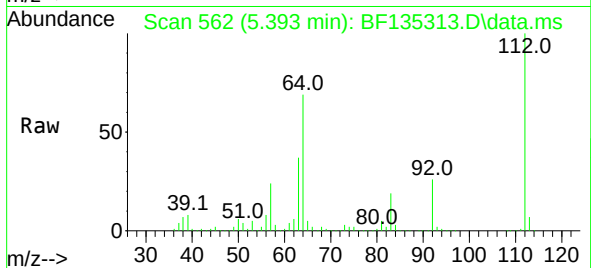
Tgt Ion: 42 Resp: 227291
Ion Ratio Lower Upper
42 100
74 101.0 87.7 131.5
44 6.3 5.6 8.4





#5
2-Fluorophenol
Concen: 66.023 ng
RT: 5.393 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

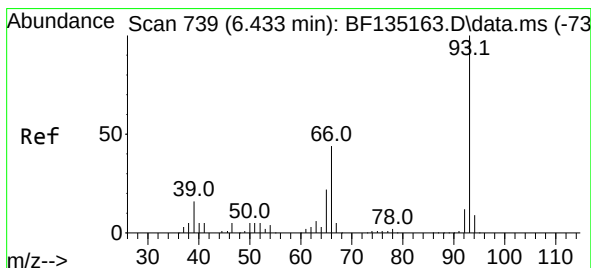
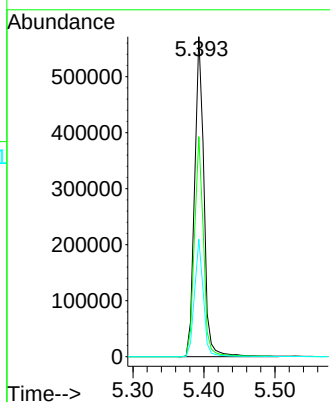
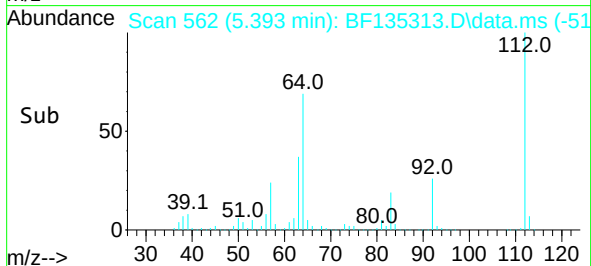
Instrument :
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ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:112 Resp: 522552
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.7 29.0 43.6

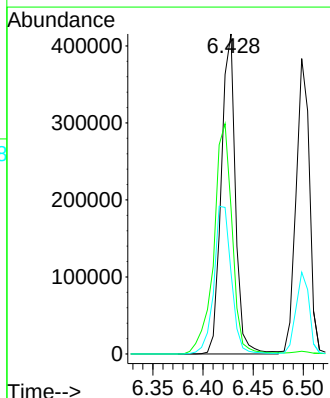
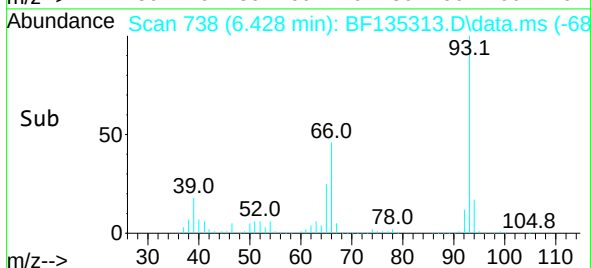
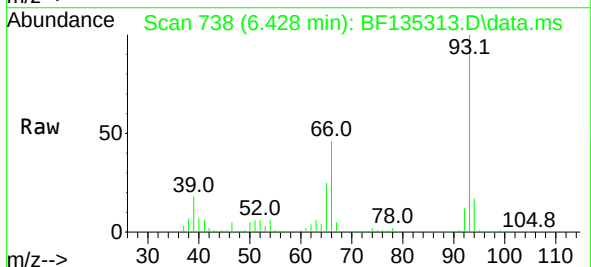
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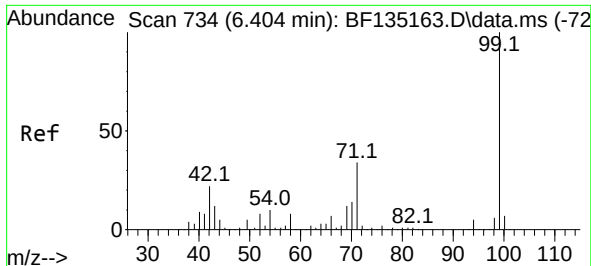
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 30.929 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

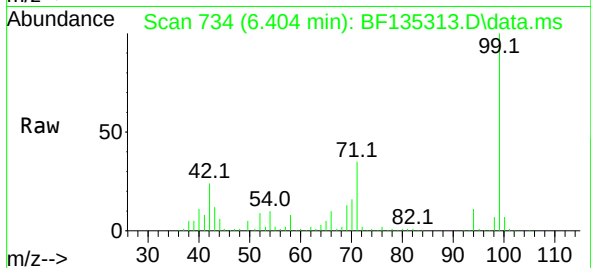
Tgt Ion: 93 Resp: 408172
Ion Ratio Lower Upper
93 100
66 45.8 35.4 53.0
65 25.5 17.8 26.8





#7
Phenol-d6
Concen: 65.392 ng
RT: 6.404 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

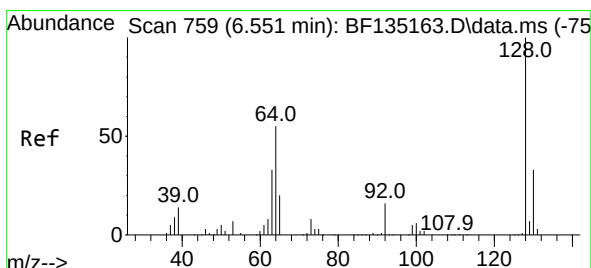
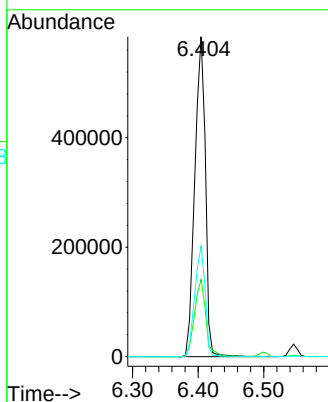
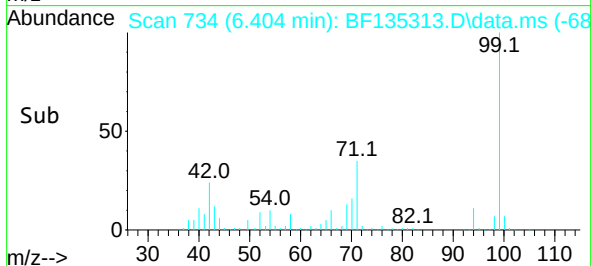
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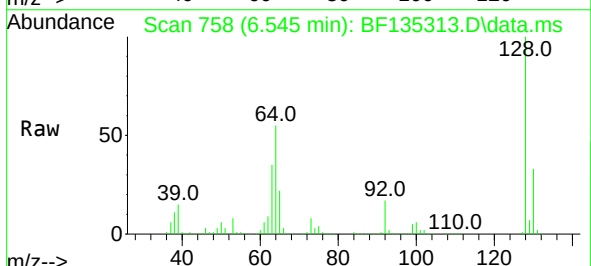
Tgt Ion: 99 Resp: 65810
Ion Ratio Lower Upper
99 100
42 24.1 17.9 26.9
71 34.6 27.0 40.6

Manual Integrations
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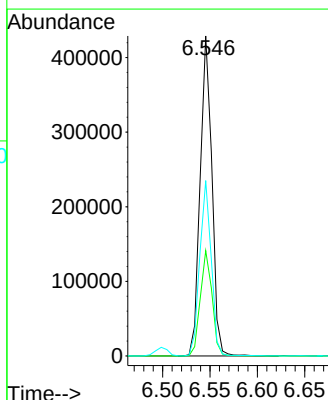
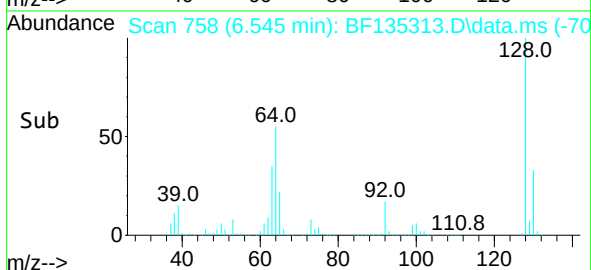
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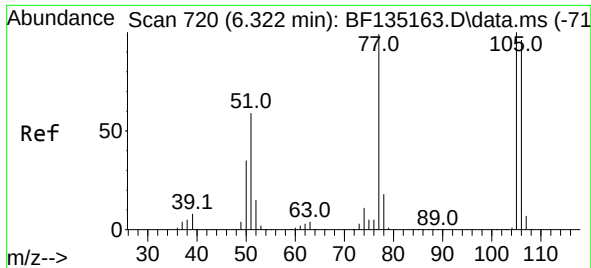


#8
2-Chlorophenol
Concen: 43.730 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



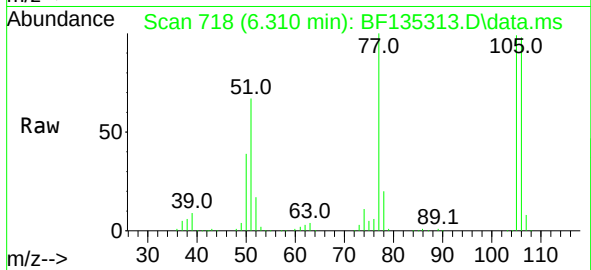
Tgt Ion:128 Resp: 369474
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 54.8 35.9 75.9





#9
Benzaldehyde
Concen: 27.599 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

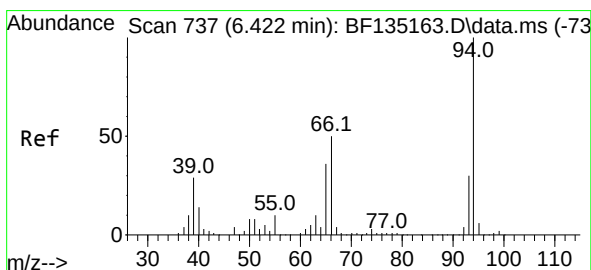
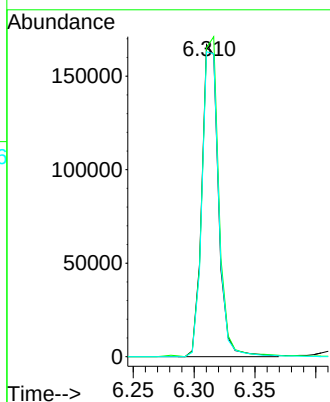
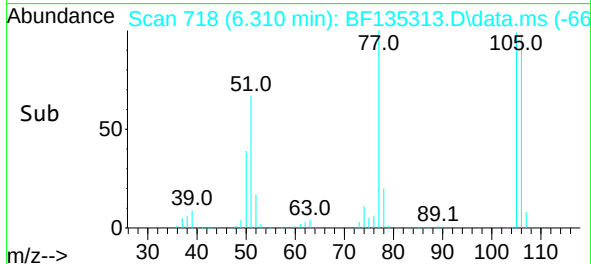
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion: 77 Resp: 158233
Ion Ratio Lower Upper
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105 98.9 81.4 121.4
106 97.7 76.9 116.9

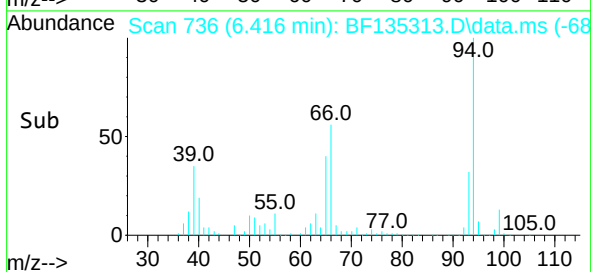
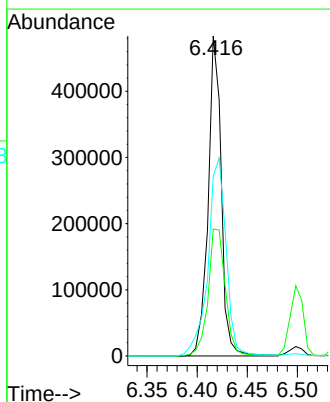
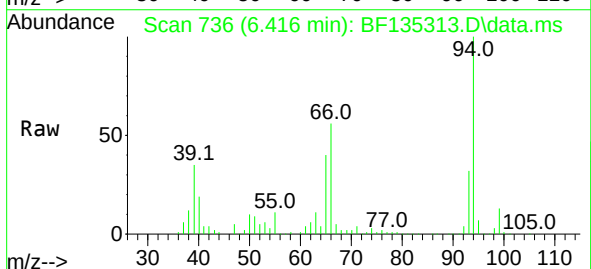
Manual Integrations
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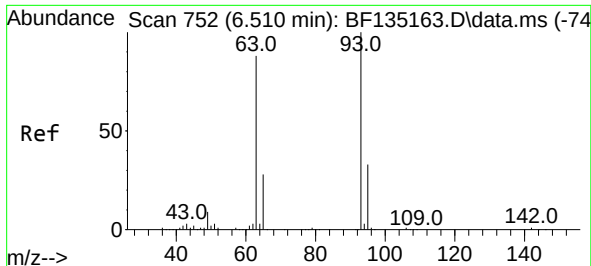
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 40.074 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion: 94 Resp: 442244
Ion Ratio Lower Upper
94 100
65 39.6 15.9 55.9
66 56.1 29.8 69.8





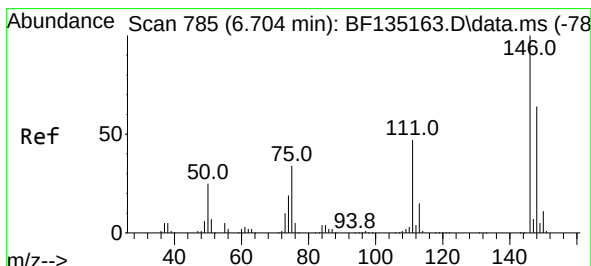
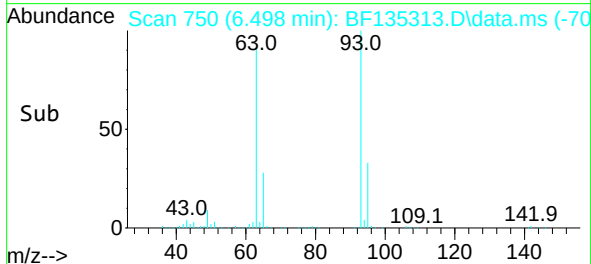
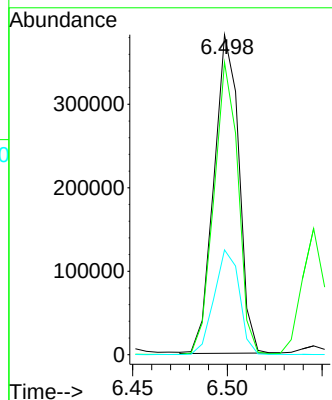
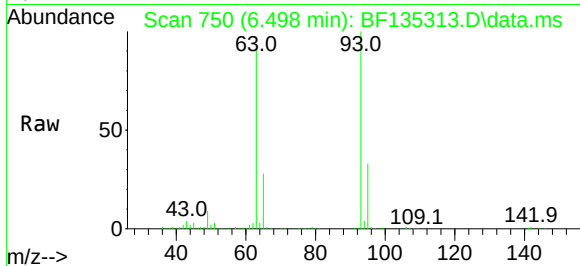
#11
bis(2-Chloroethyl)ether
Concen: 42.369 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.011 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

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

Tgt Ion: 93 Resp: 35072
Ion Ratio Lower Upper
93 100
63 91.4 67.3 107.3
95 32.8 12.7 52.7

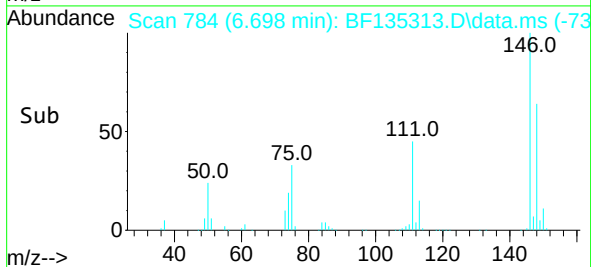
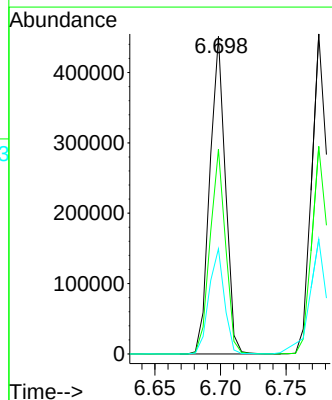
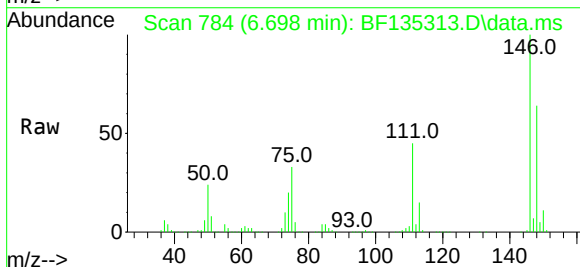
Manual Integrations
APPROVED

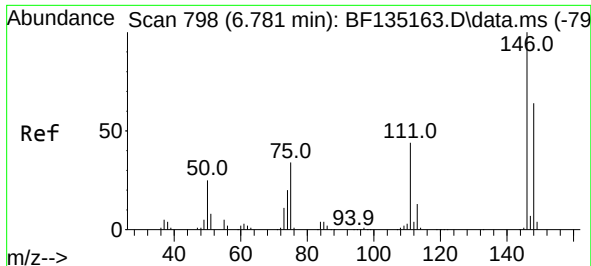
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 43.420 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:146 Resp: 372828
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.664 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:146 Resp: 372714

Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

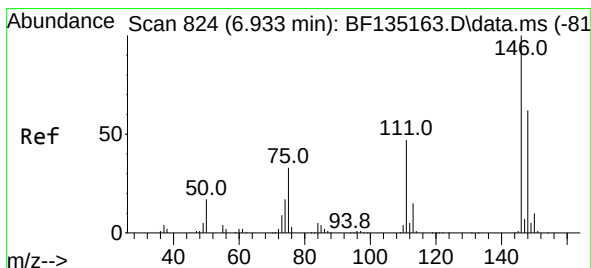
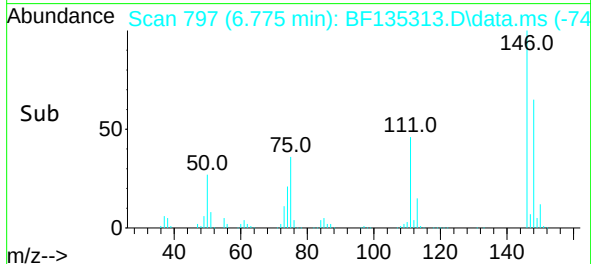
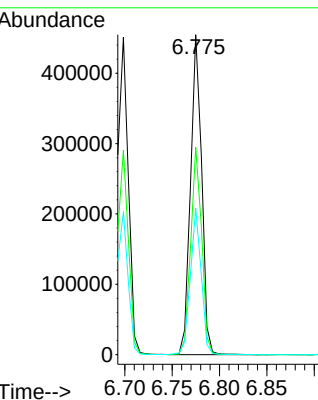
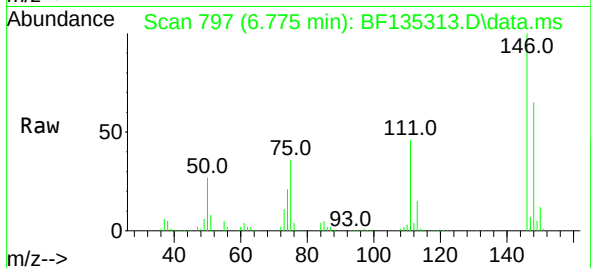
111 45.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#14

1,2-Dichlorobenzene

Concen: 44.223 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

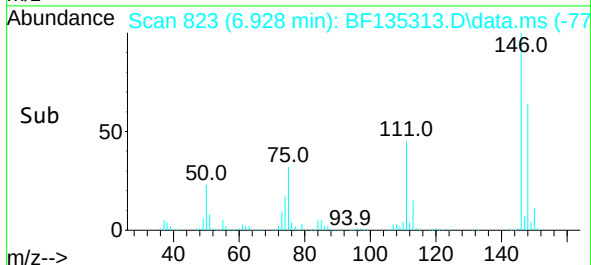
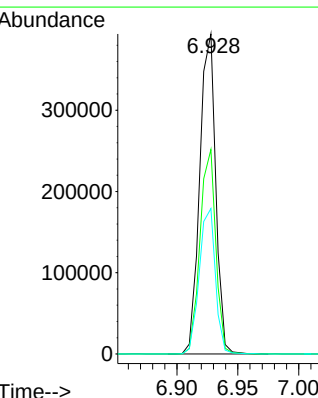
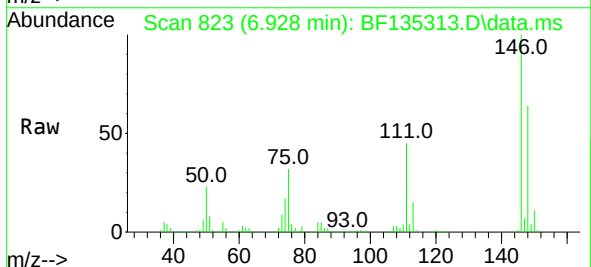
Tgt Ion:146 Resp: 358768

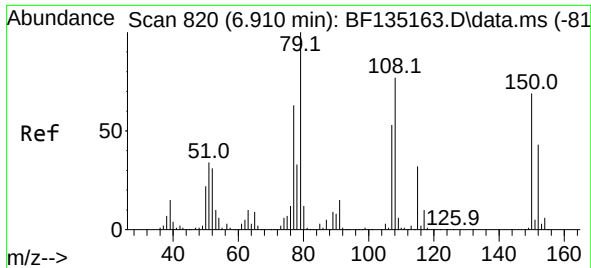
Ion Ratio Lower Upper

146 100

148 63.9 49.7 74.5

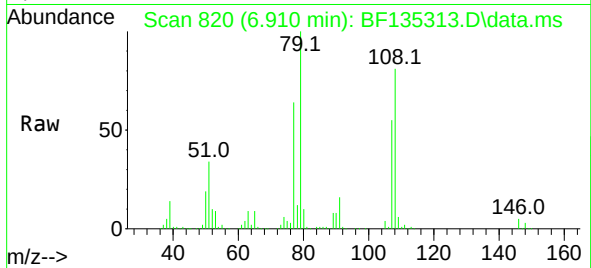
111 45.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 43.909 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

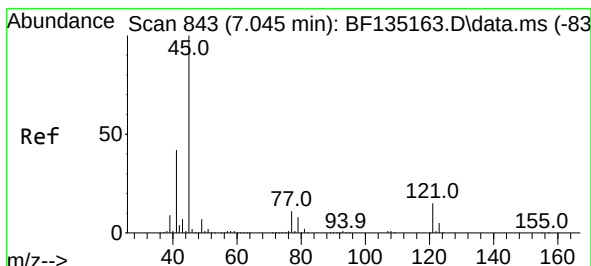
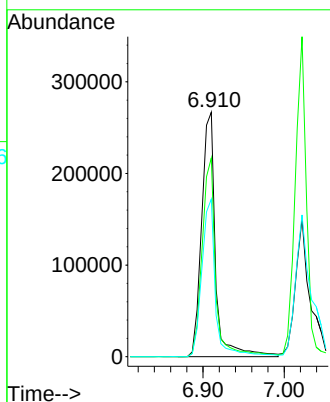
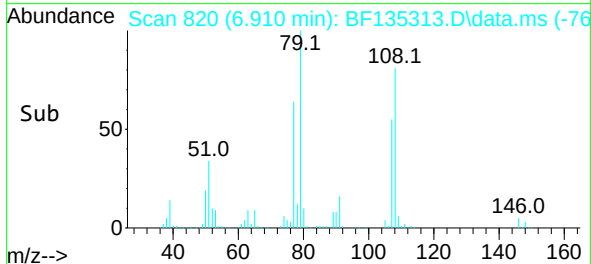
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



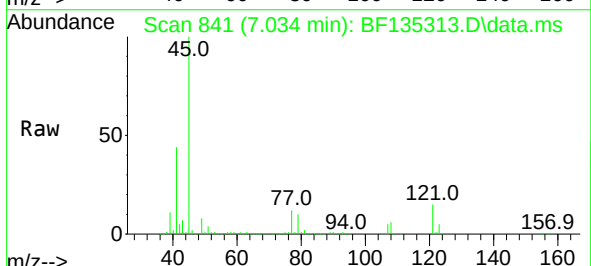
Tgt Ion: 79 Resp: 317100
Ion Ratio Lower Upper
79 100
108 81.3 61.2 91.8
77 64.5 50.5 75.7

Manual Integrations
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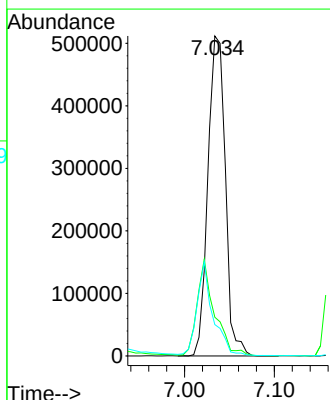
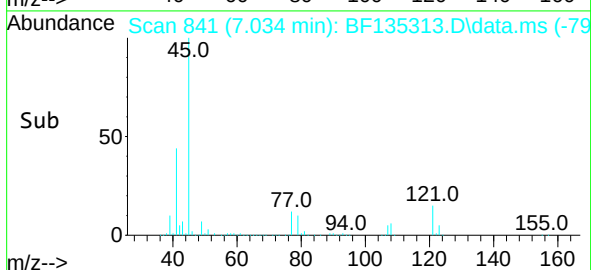
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

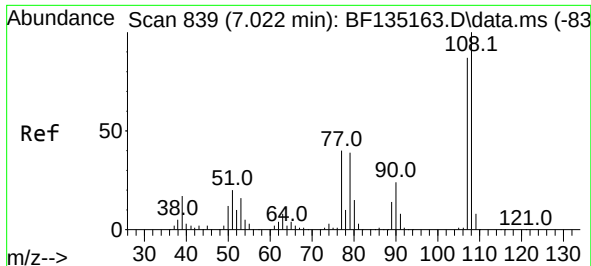


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.216 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



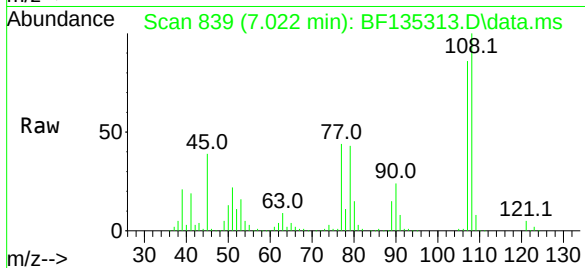
Tgt Ion: 45 Resp: 689910
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 9.8 0.0 28.3





#17
2-Methylphenol
Concen: 39.013 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

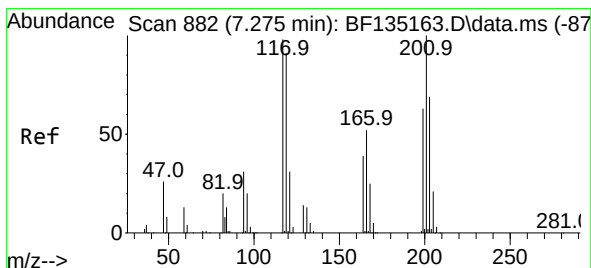
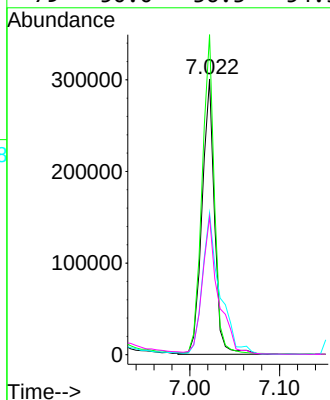
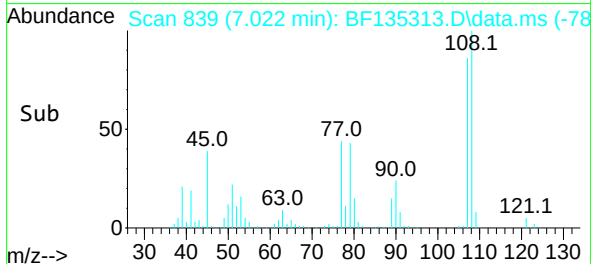
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



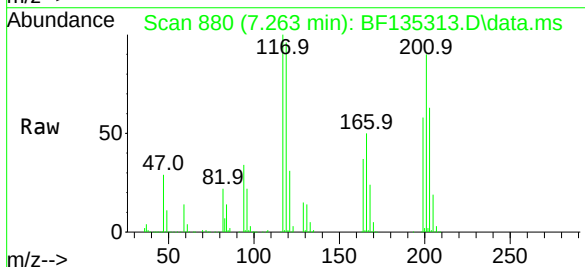
Tgt Ion:107 Resp: 29087
Ion Ratio Lower Upper
107 100
108 116.1 92.0 138.0
77 51.4 36.7 55.1
79 50.0 36.3 54.5

Manual Integrations
APPROVED

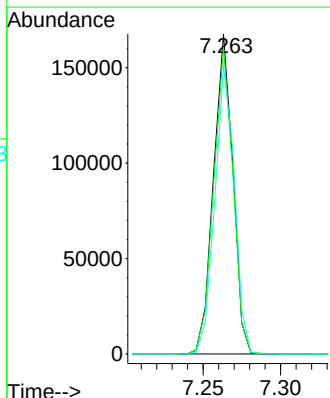
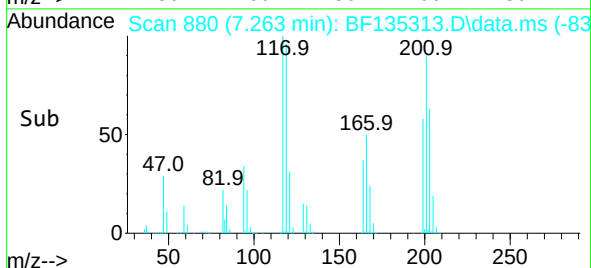
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

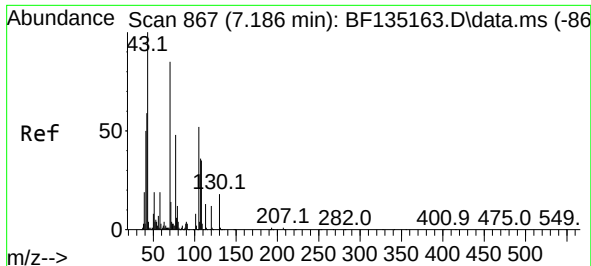


#18
Hexachloroethane
Concen: 45.097 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:117 Resp: 145569
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 90.2 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.804 ng

RT: 7.175 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF135313.D

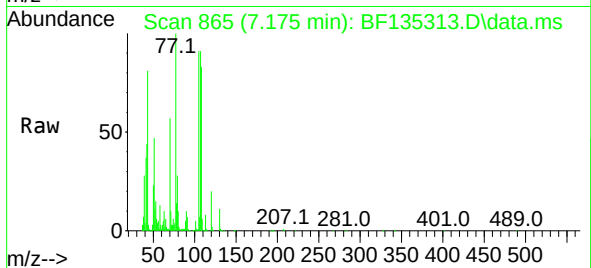
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion: 70 Resp: 24189

Ion Ratio Lower Upper

70 100

42 77.4 55.4 83.0

101 9.5 7.7 11.5

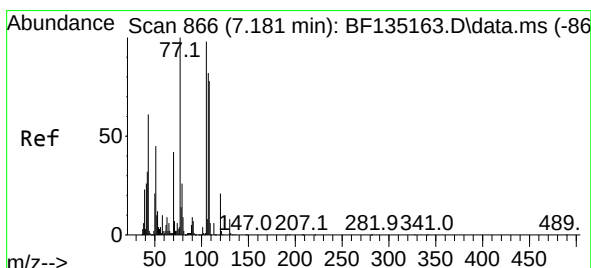
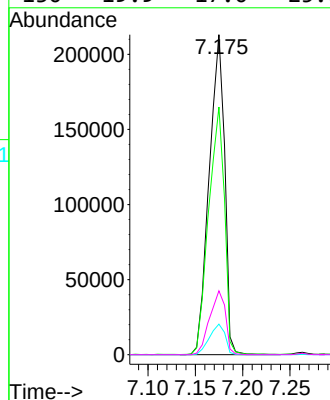
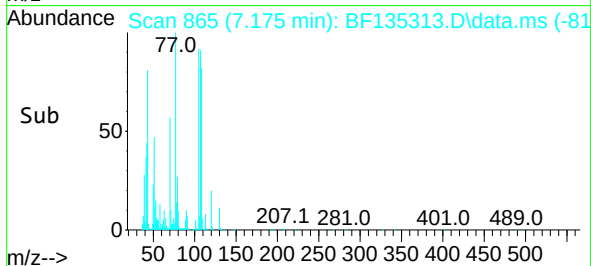
130 19.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#20

3+4-Methylphenols

Concen: 37.829 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:107 Resp: 339149

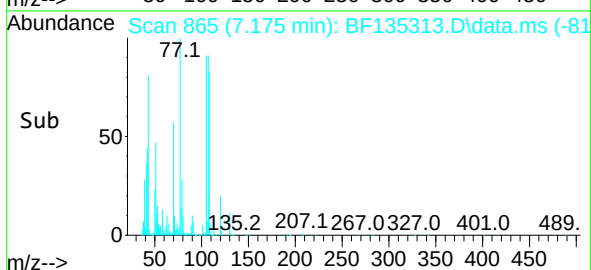
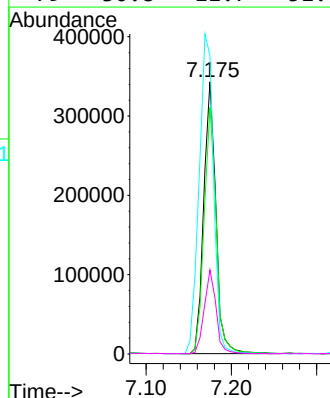
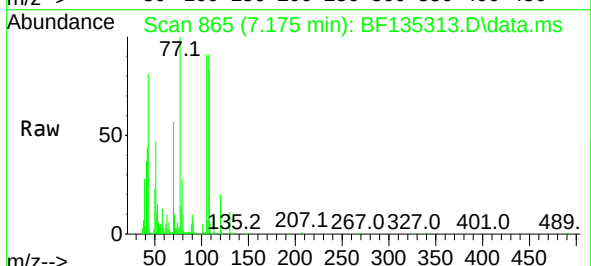
Ion Ratio Lower Upper

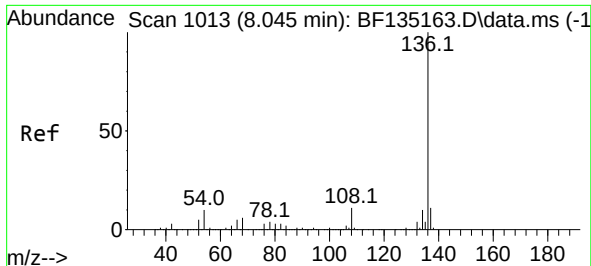
107 100

108 90.6 74.7 114.7

77 109.6 102.0 142.0

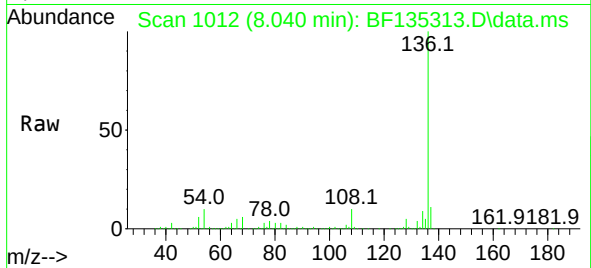
79 30.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

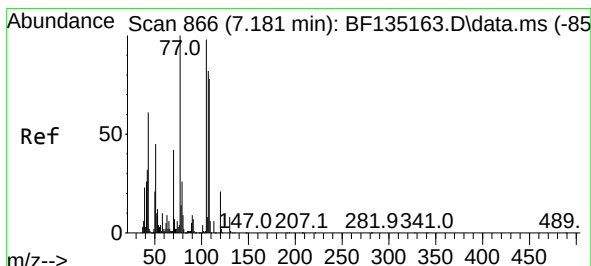
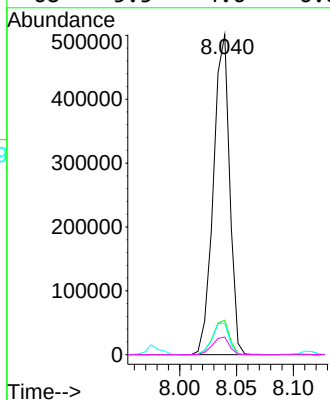
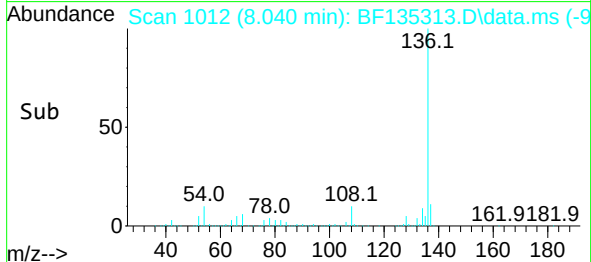
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:136 Resp: 49870
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.8 7.7 11.5
68 5.5 4.6 6.8

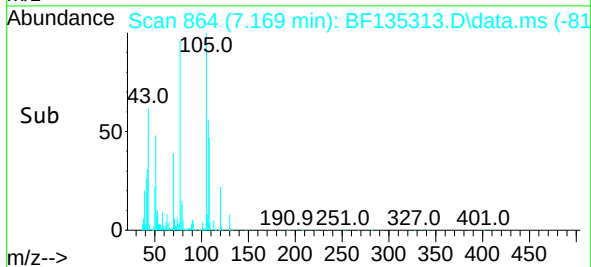
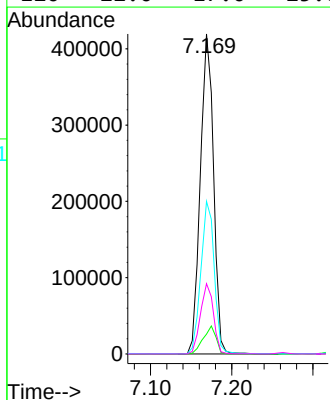
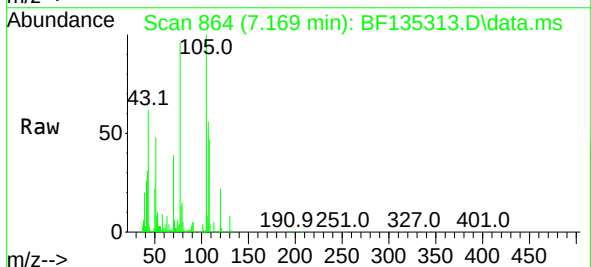
Manual Integrations
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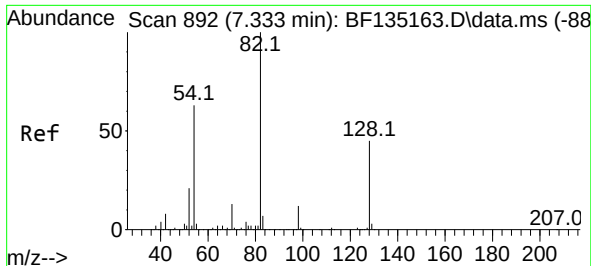
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 41.494 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:105 Resp: 473097
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 47.7 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 44.011 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

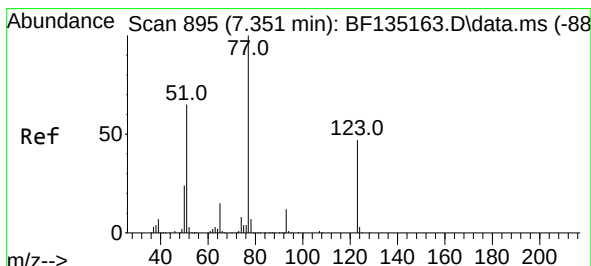
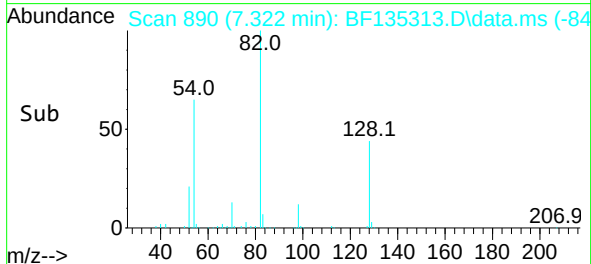
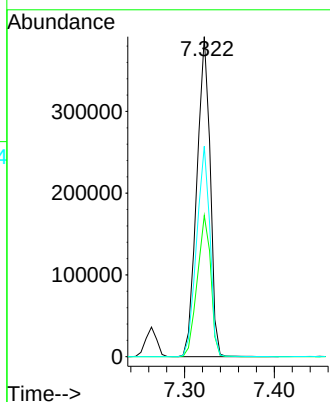
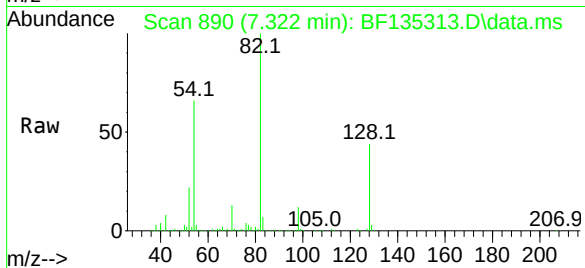
TP-9-5-23-EPHMS

Tgt Ion: 82 Resp: 40399

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.6
54	65.8	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 43.650 ng

RT: 7.345 min Scan# 894

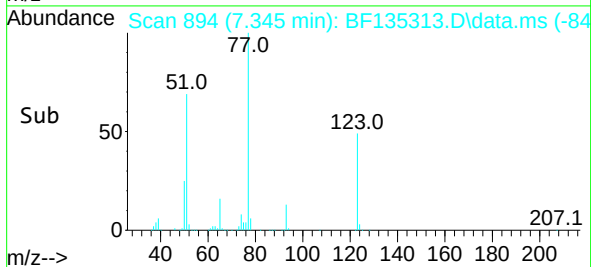
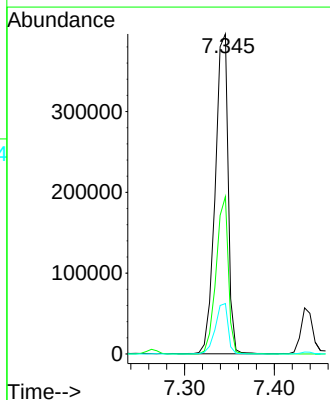
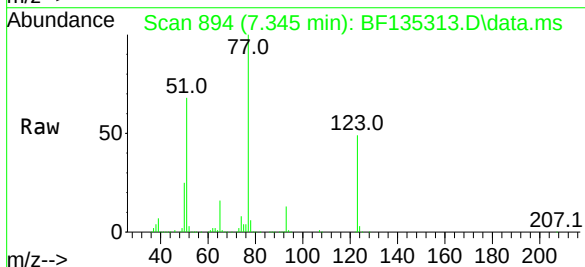
Delta R.T. -0.006 min

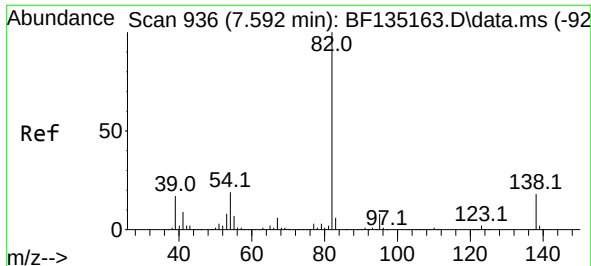
Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion: 77 Resp: 396023

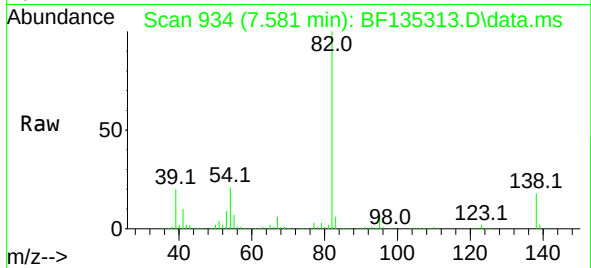
Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.6	56.4
65	15.8	12.2	18.4





#25
Isophorone
Concen: 42.720 ng
RT: 7.581 min Scan# 911
Delta R.T. -0.011 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

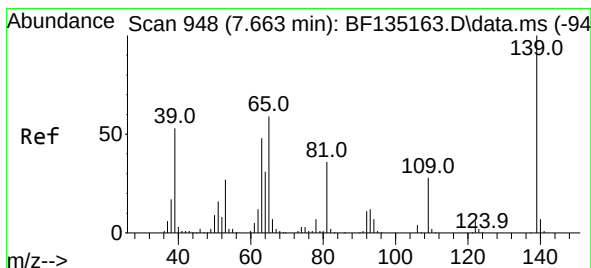
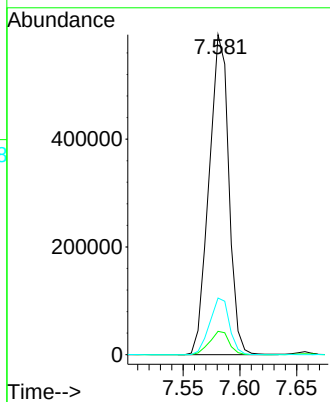
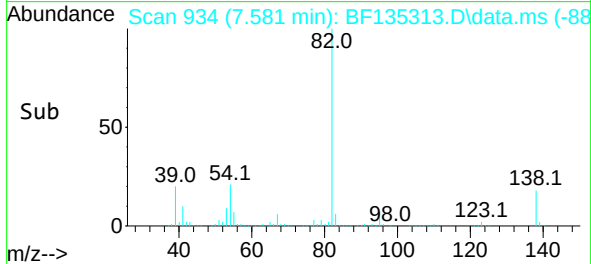
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion: 82 Resp: 720060
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.7 14.5 21.7

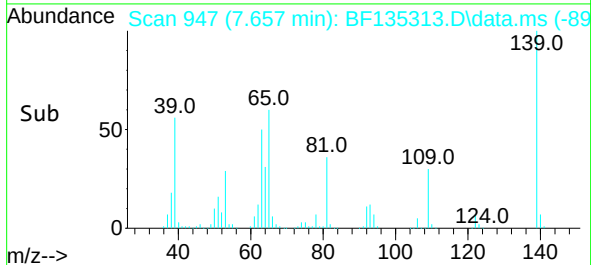
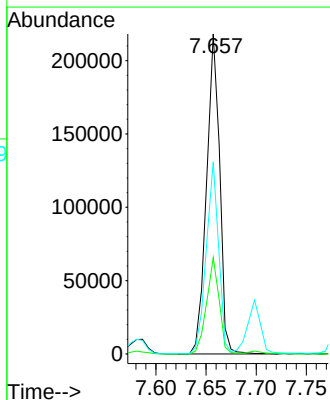
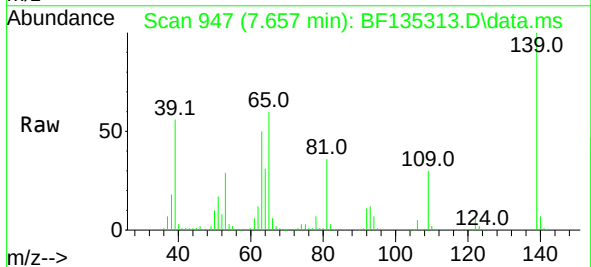
Manual Integrations
APPROVED

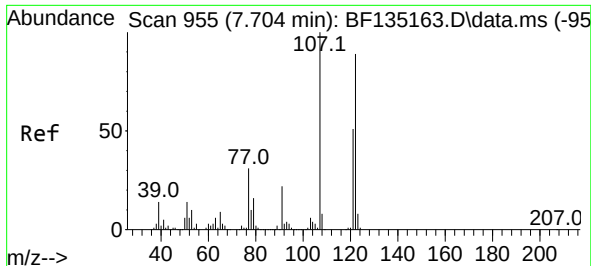
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 45.977 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:139 Resp: 200204
Ion Ratio Lower Upper
139 100
109 30.1 22.6 33.8
65 60.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.013 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135313.D

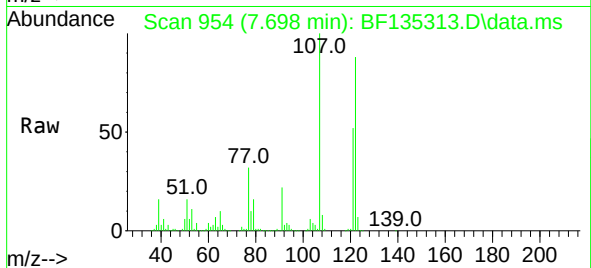
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



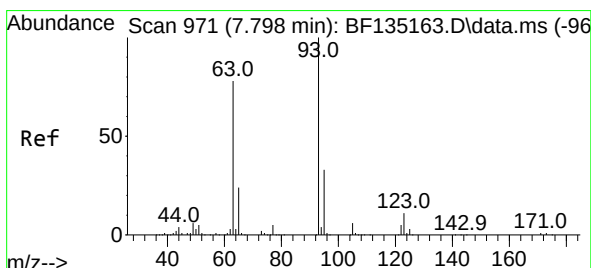
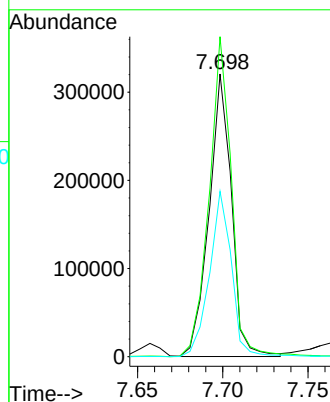
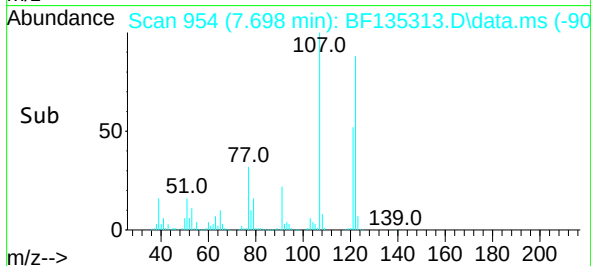
Tgt Ion:	122	Resp:	29286
Ion	Ratio	Lower	Upper
122	100		
107	113.2	90.2	135.4
121	58.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.323 ng

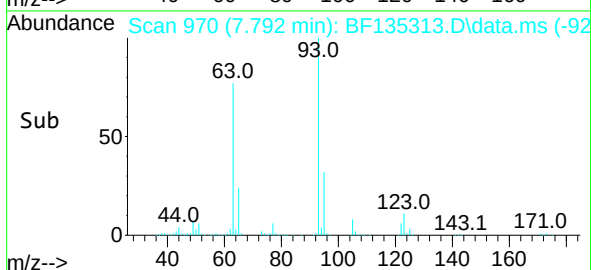
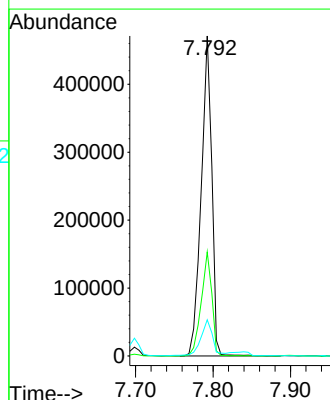
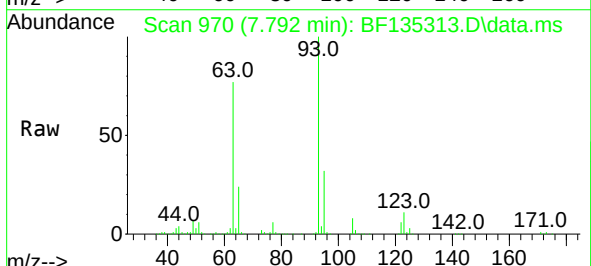
RT: 7.792 min Scan# 970

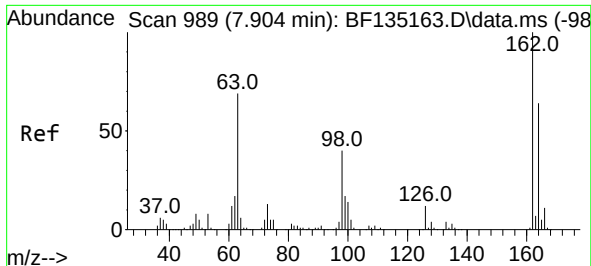
Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:	93	Resp:	447151
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	11.3	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 43.797 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135313.D

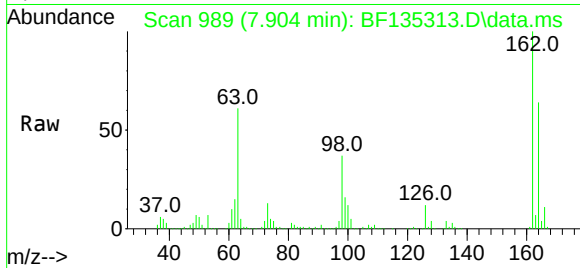
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



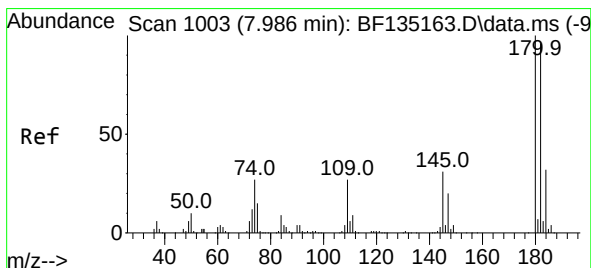
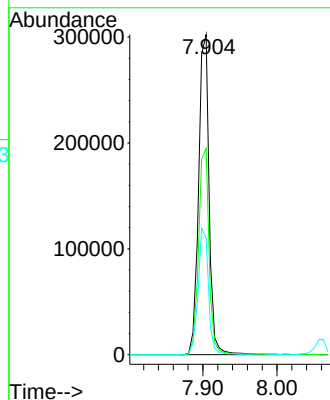
Tgt Ion:	162	Resp:	29704
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.1	84.1
98	36.6	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.708 ng

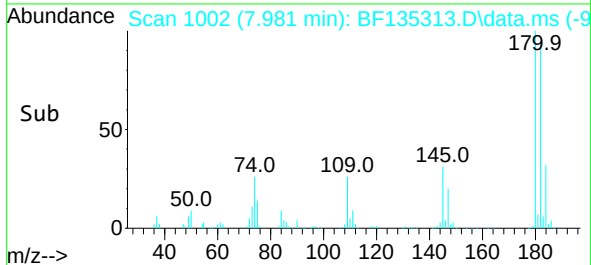
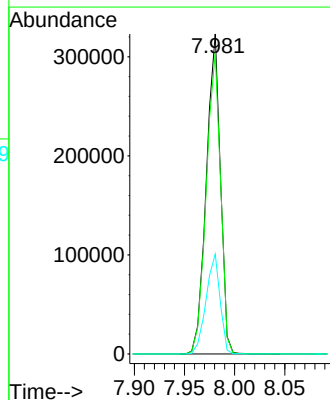
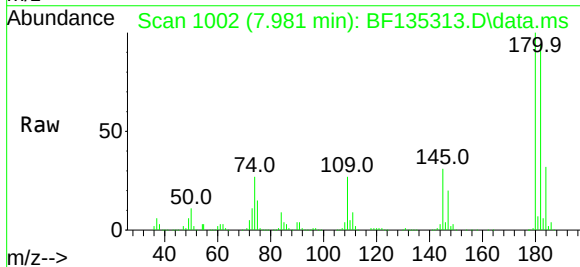
RT: 7.981 min Scan# 1002

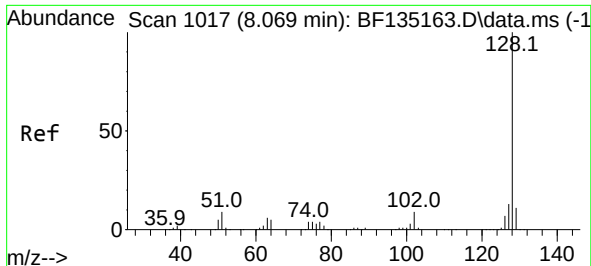
Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

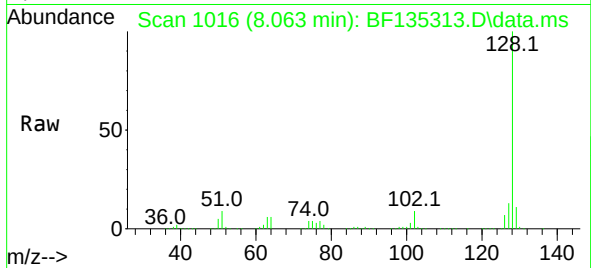
Tgt Ion:	180	Resp:	316932
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
145	31.2	24.5	36.7





#31
Naphthalene
Concen: 42.424 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

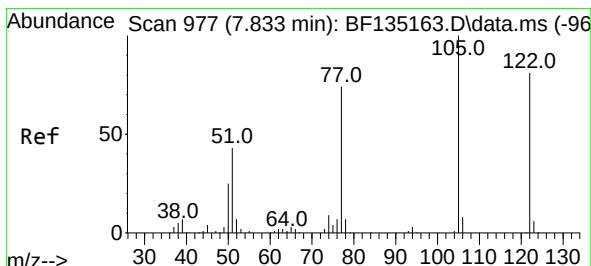
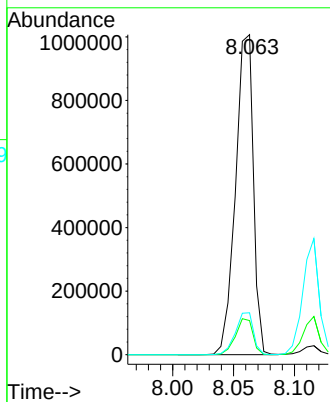
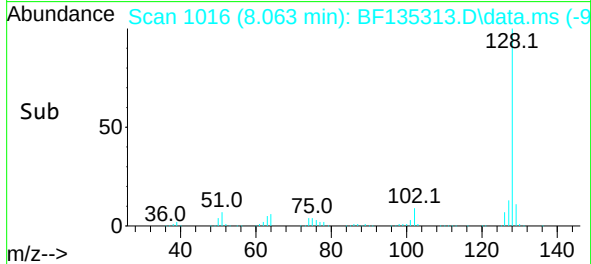
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:128 Resp: 1027954
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.1 10.7 16.1

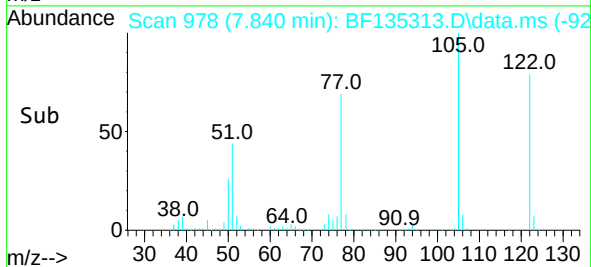
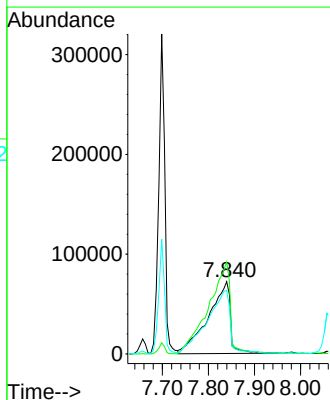
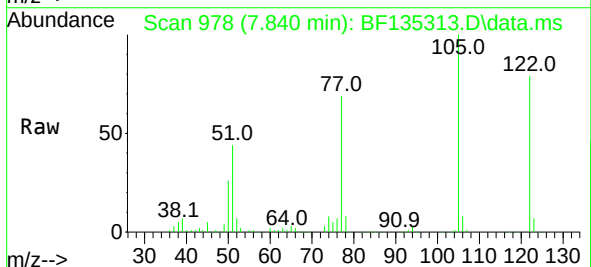
Manual Integrations
APPROVED

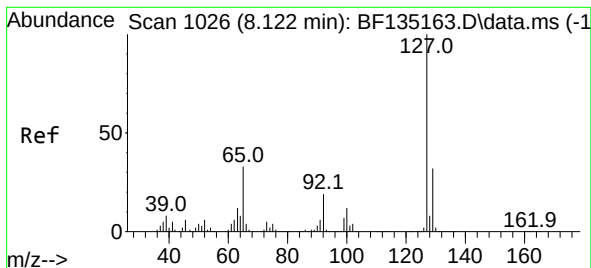
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 43.701 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:122 Resp: 240859
Ion Ratio Lower Upper
122 100
105 127.3 99.9 139.9
77 87.8 70.0 110.0





#33

4-Chloroaniline

Concen: 33.613 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

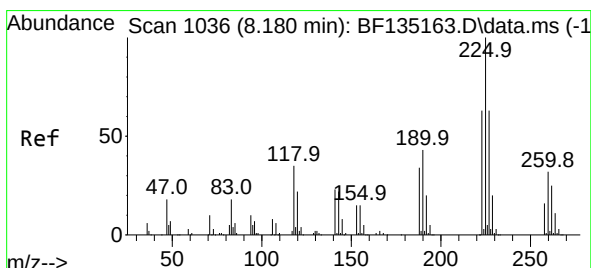
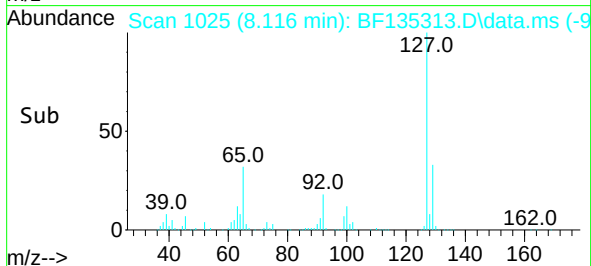
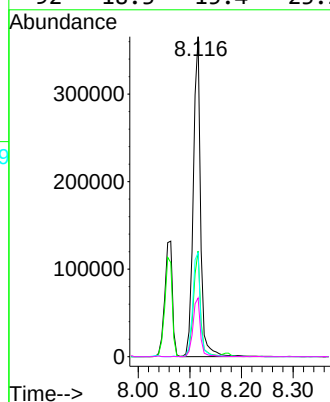
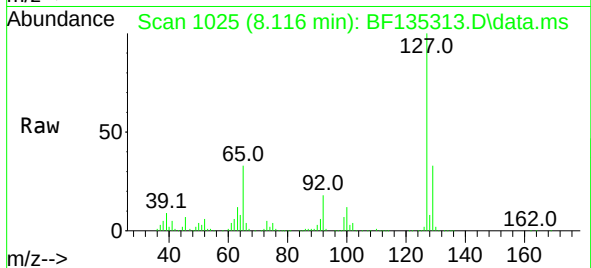
Tgt Ion:	127	Resp:	35734
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.8	38.8
65	32.5	26.6	39.8
92	18.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#34

Hexachlorobutadiene

Concen: 43.743 ng

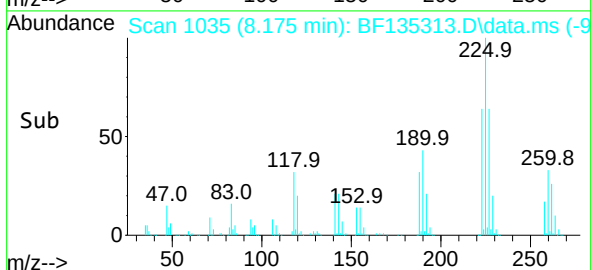
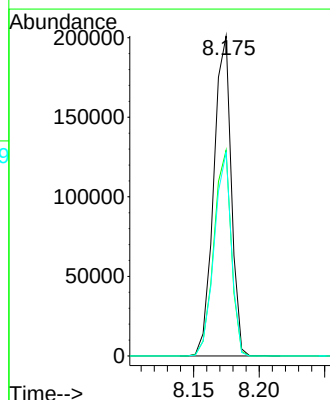
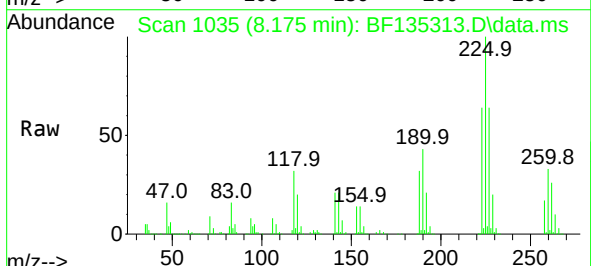
RT: 8.175 min Scan# 1035

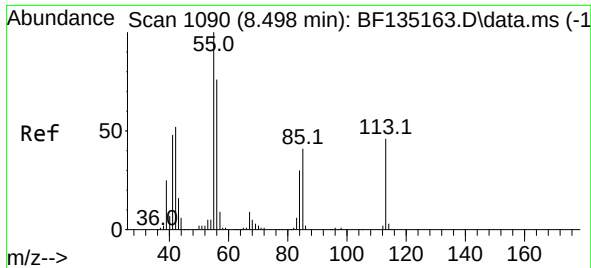
Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

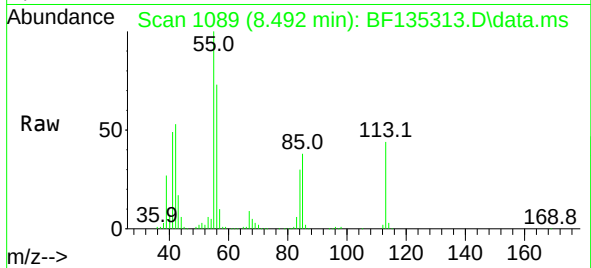
Tgt Ion:	225	Resp:	186976
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.6	75.8
227	63.6	50.8	76.2





#35
Caprolactam
Concen: 45.831 ng m
RT: 8.492 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

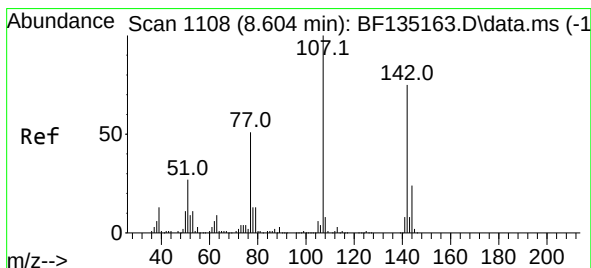
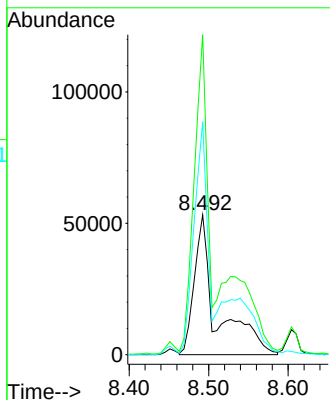
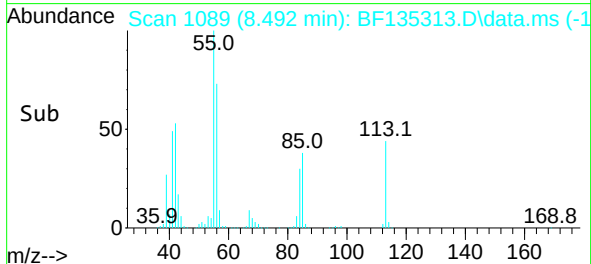
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:113 Resp: 104320
Ion Ratio Lower Upper
113 100
55 228.9 199.3 239.3
56 166.7 146.3 186.3

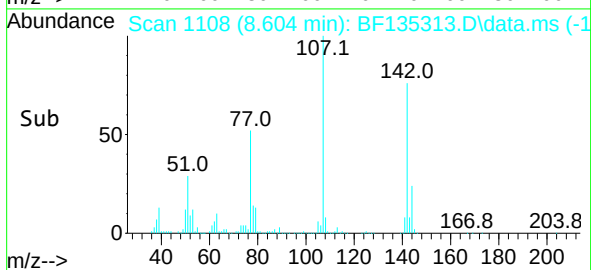
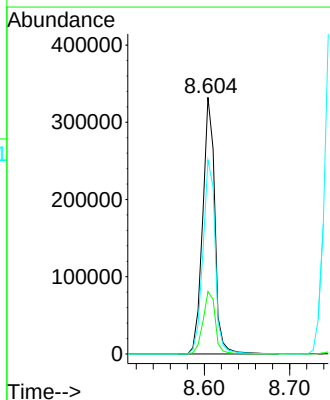
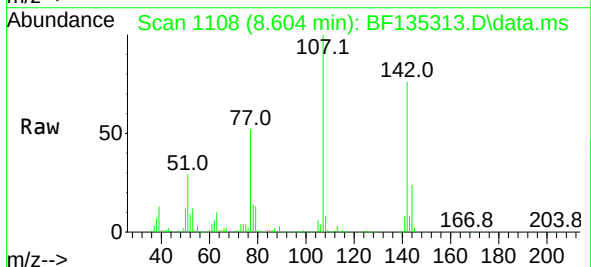
Manual Integrations
APPROVED

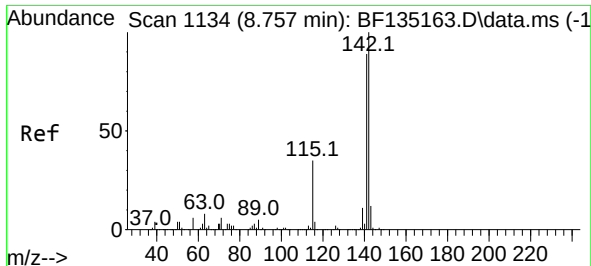
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 43.530 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:107 Resp: 328124
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 75.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 40.298 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:142 Resp: 656358

Ion Ratio Lower Upper

142 100

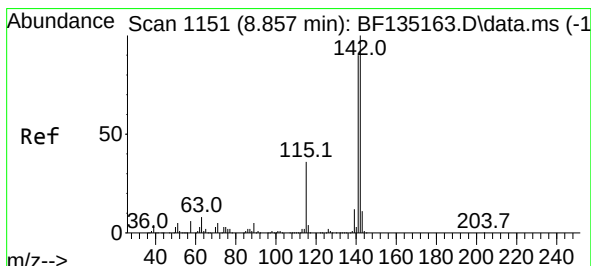
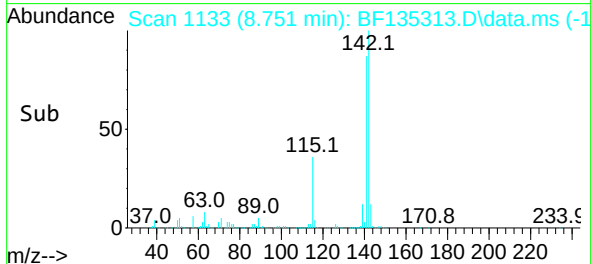
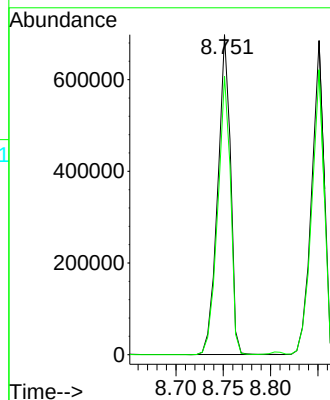
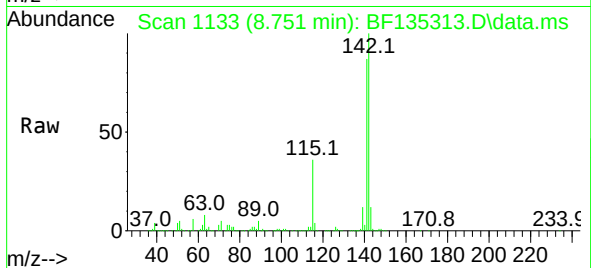
141 87.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#38

1-Methylnaphthalene

Concen: 41.241 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135313.D

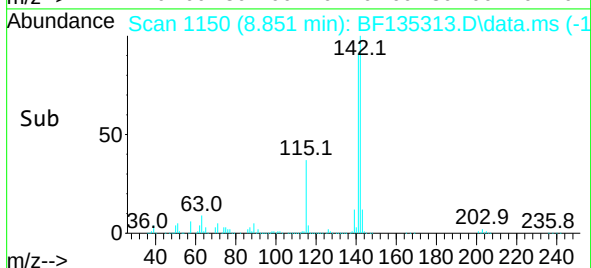
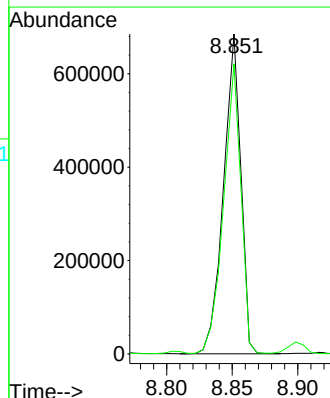
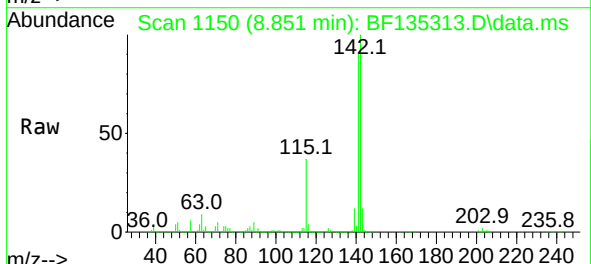
Acq: 18 Sep 2023 18:42

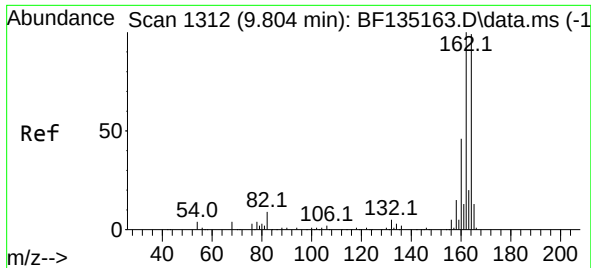
Tgt Ion:142 Resp: 628895

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135313.D

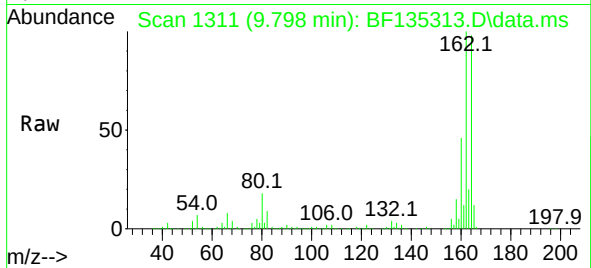
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:164 Resp: 24610

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

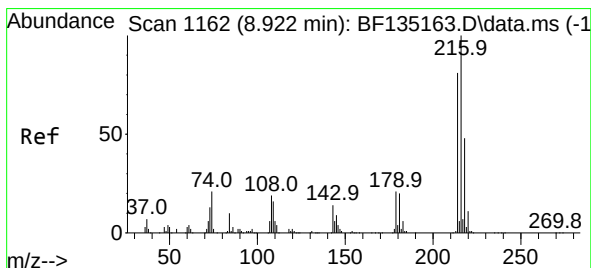
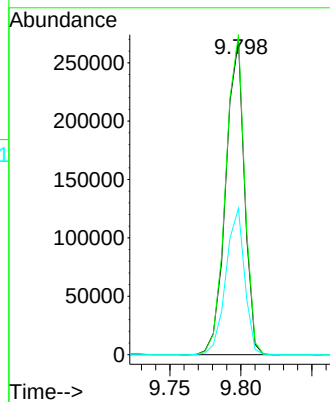
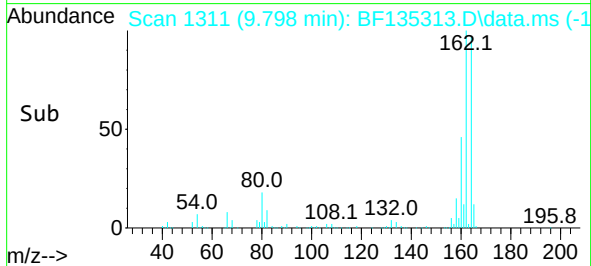
160 46.5 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.970 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:216 Resp: 313495

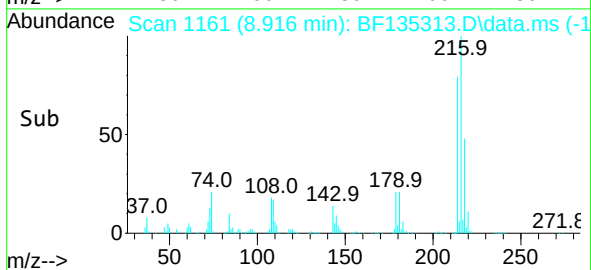
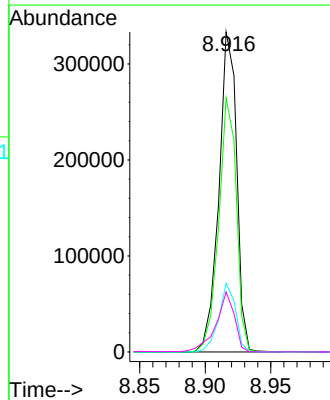
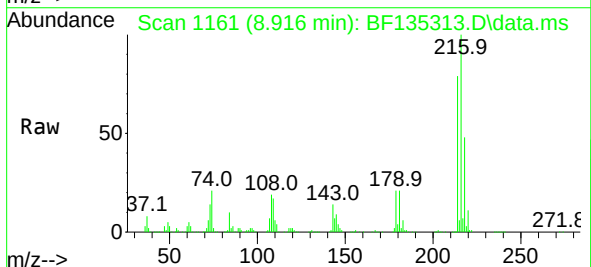
Ion Ratio Lower Upper

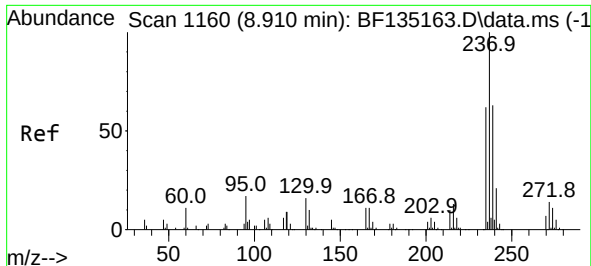
216 100

214 79.0 63.7 95.5

179 20.4 16.7 25.1

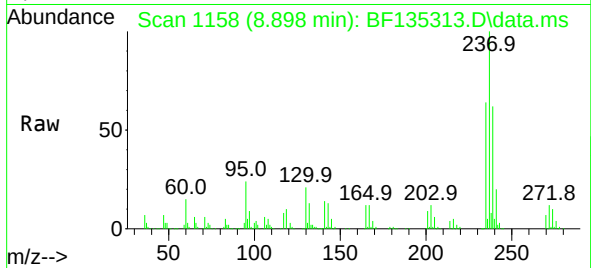
108 19.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 59.462 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

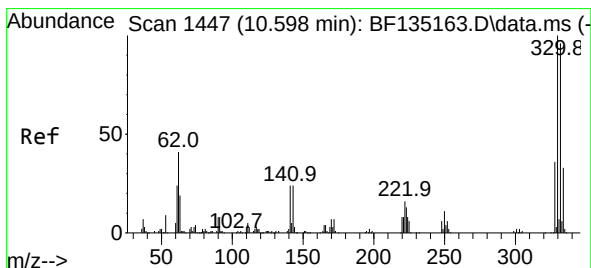
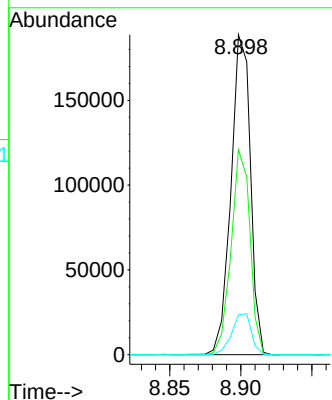
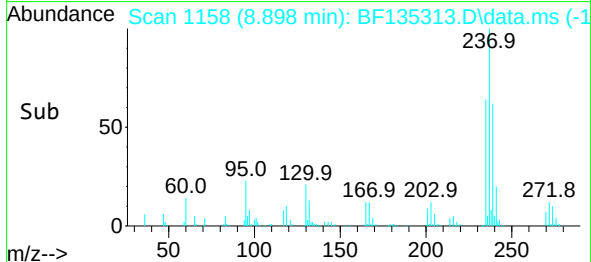
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



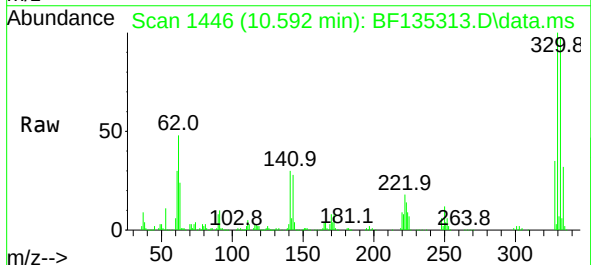
Tgt Ion: 237 Resp: 180249
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 12.5 0.0 33.6

Manual Integrations
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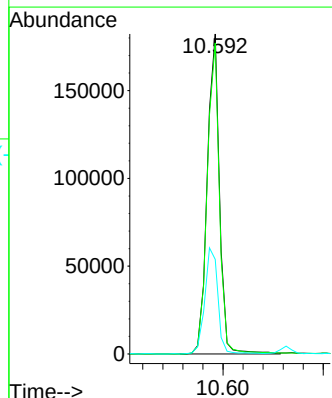
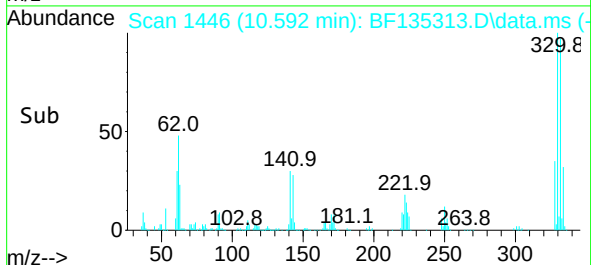
Reviewed By : Yogesh Patel 09/19/2023
Supervised By : mohammad ahmed 09/19/2023

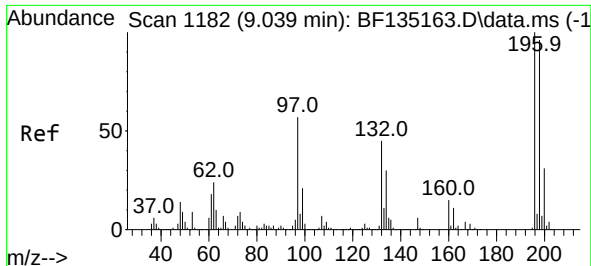


#42
2,4,6-Tribromophenol
Concen: 63.733 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion: 330 Resp: 155870
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 35.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.871 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135313.D

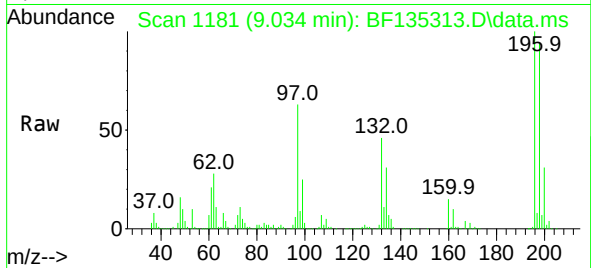
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:196 Resp: 20946

Ion Ratio Lower Upper

196 100

198 93.8 77.0 115.6

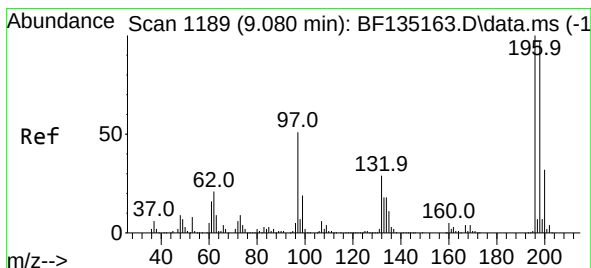
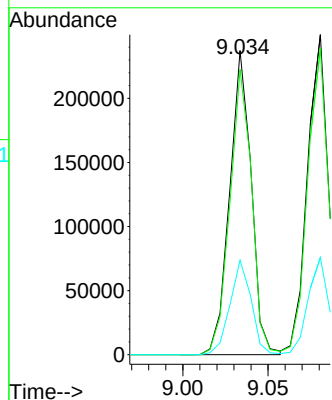
200 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#44

2,4,5-Trichlorophenol

Concen: 41.926 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:196 Resp: 225389

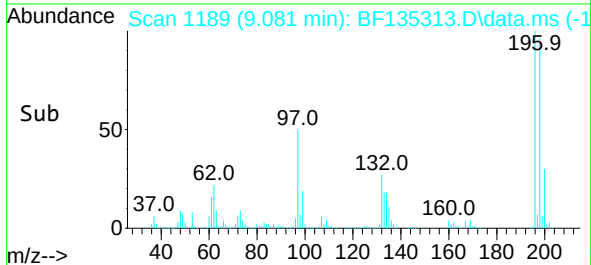
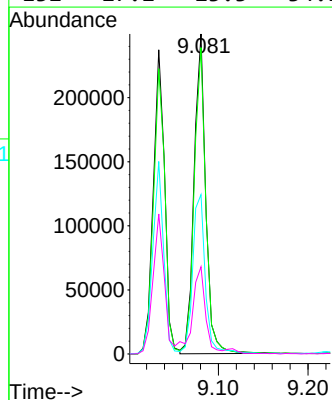
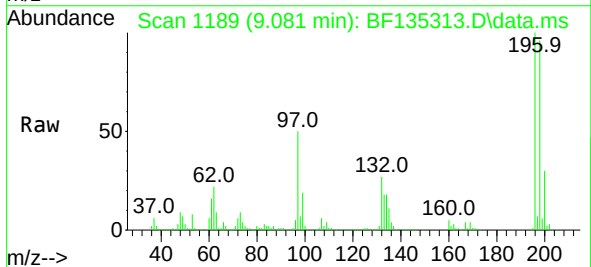
Ion Ratio Lower Upper

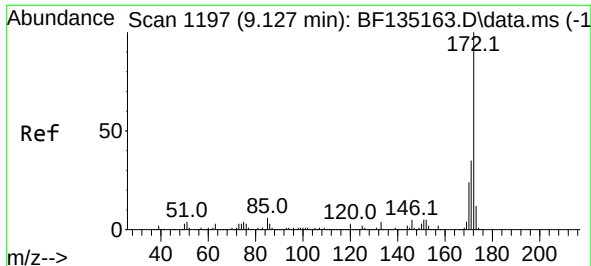
196 100

198 95.7 77.5 116.3

97 49.8 40.5 60.7

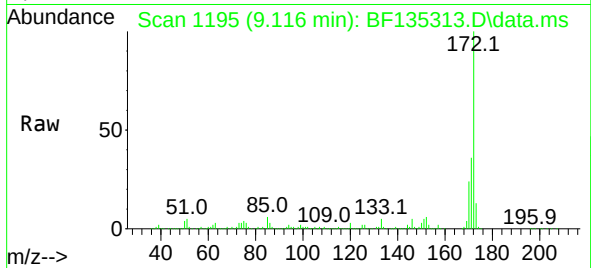
132 27.2 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 45.205 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

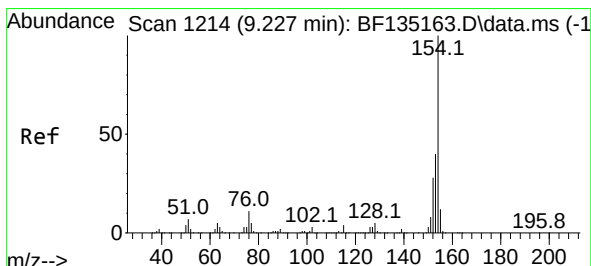
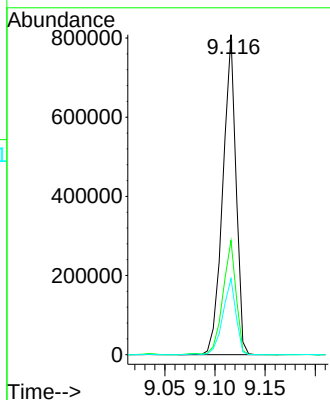
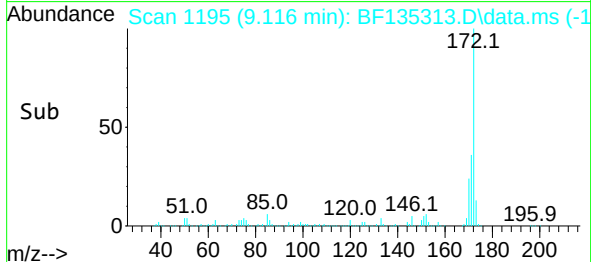
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



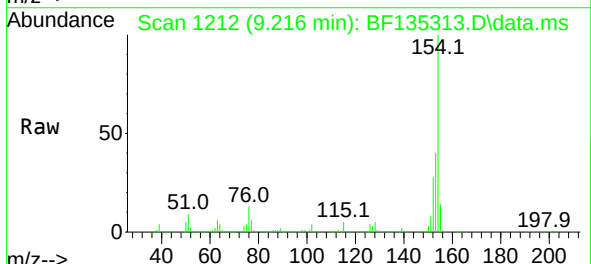
Tgt Ion:172 Resp: 737380
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.4

Manual Integrations
APPROVED

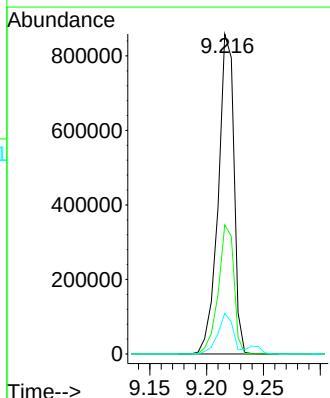
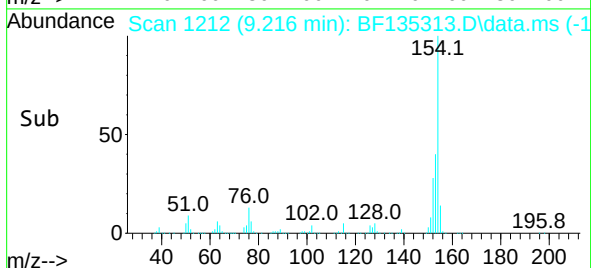
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

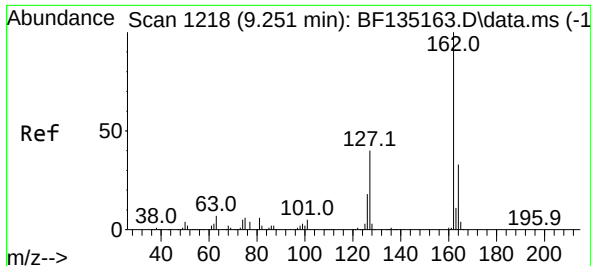


#46
1,1'-Biphenyl
Concen: 43.874 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.011 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:154 Resp: 829762
Ion Ratio Lower Upper
154 100
153 40.4 19.6 59.6
76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 44.880 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

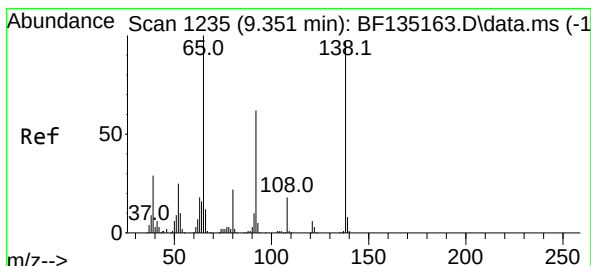
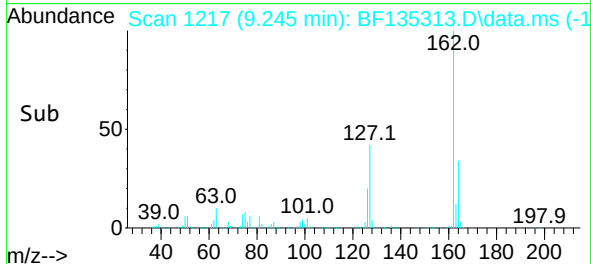
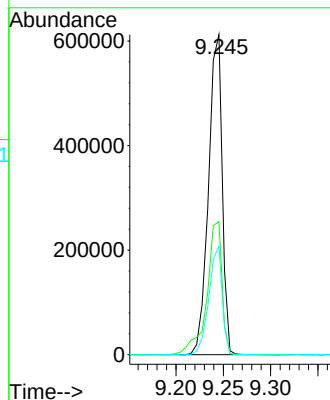
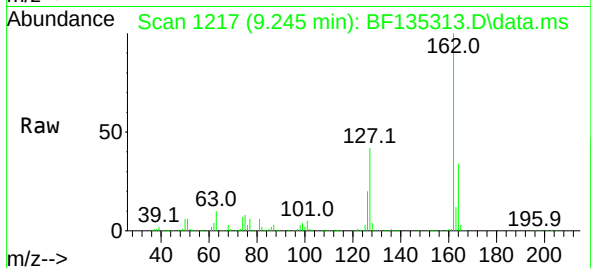
Tgt Ion:	162	Resp:	61585
Ion Ratio	Lower	Upper	
162	100		
127	41.6	32.6	48.8
164	33.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 45.805 ng

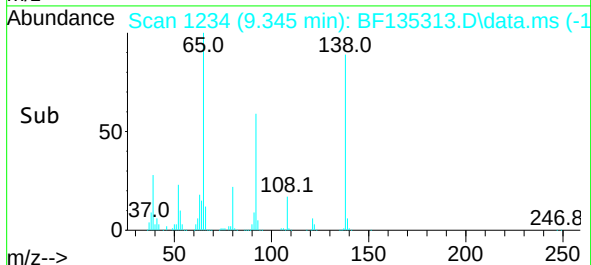
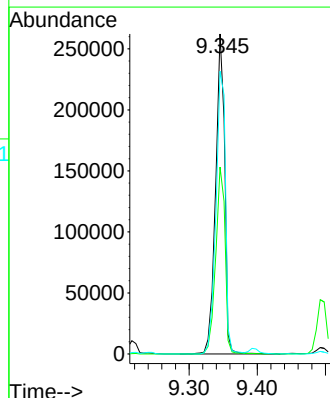
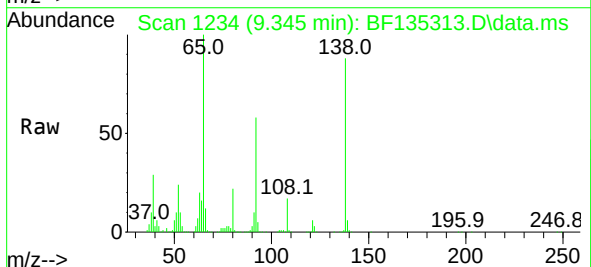
RT: 9.345 min Scan# 1234

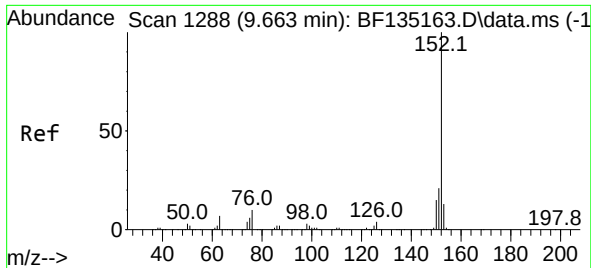
Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

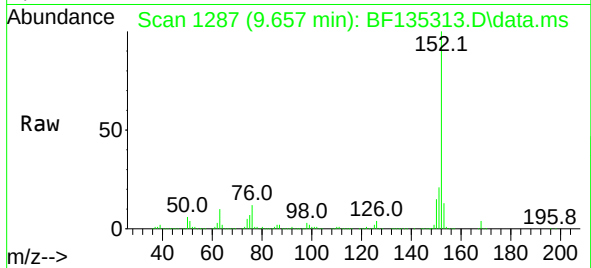
Tgt Ion:	65	Resp:	244186
Ion Ratio	Lower	Upper	
65	100		
92	58.4	49.4	74.0
138	88.4	77.4	116.0





#49
Acenaphthylene
Concen: 44.263 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

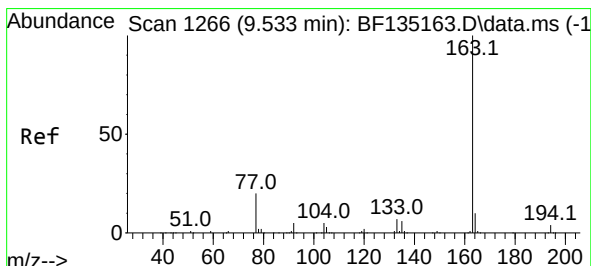
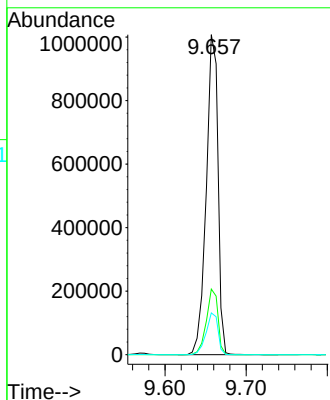
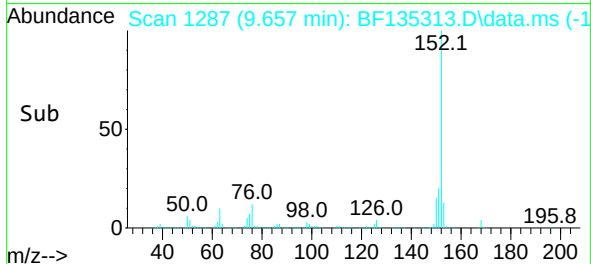
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



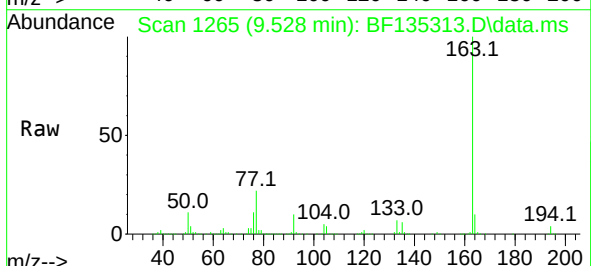
Tgt Ion:152 Resp: 1009430
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.1 10.4 15.6

Manual Integrations
APPROVED

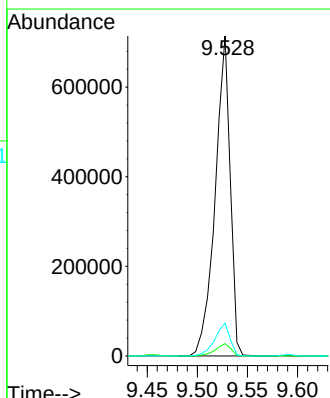
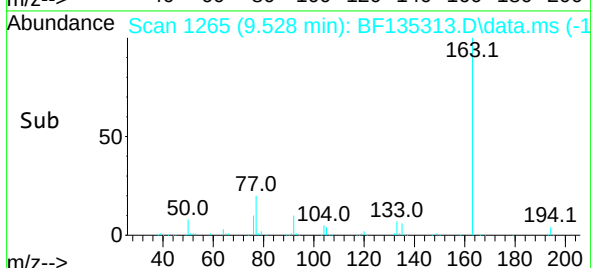
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

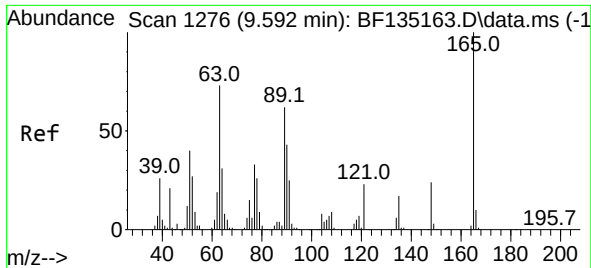


#50
Dimethylphthalate
Concen: 44.677 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



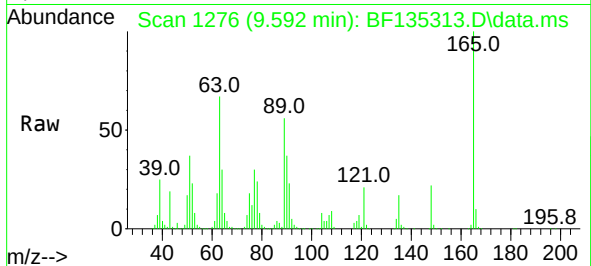
Tgt Ion:163 Resp: 743375
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.236 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

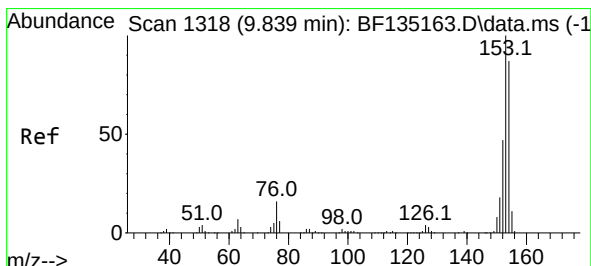
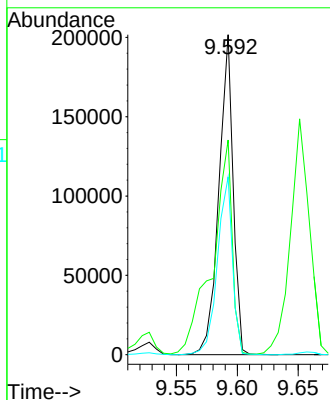
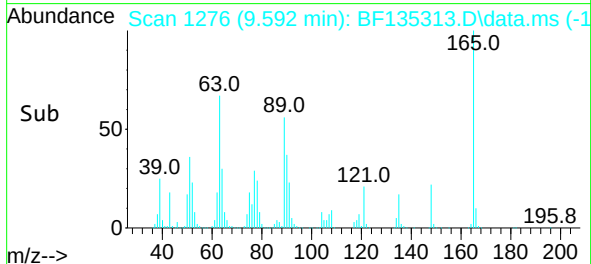
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



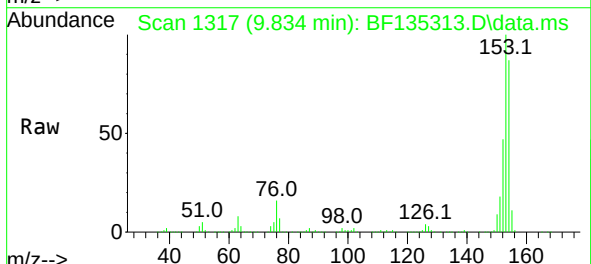
Tgt Ion:165 Resp: 164880
Ion Ratio Lower Upper
165 100
63 67.1 59.4 89.2
89 55.6 49.8 74.8

Manual Integrations
APPROVED

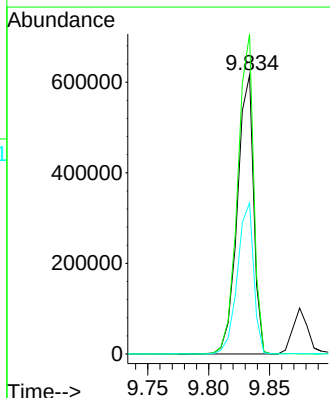
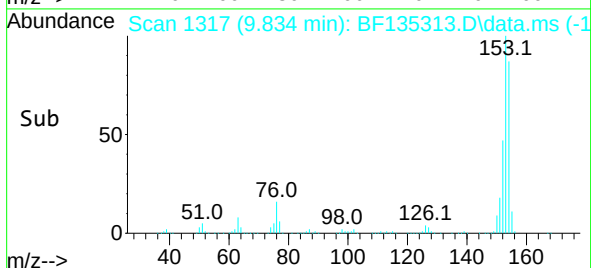
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

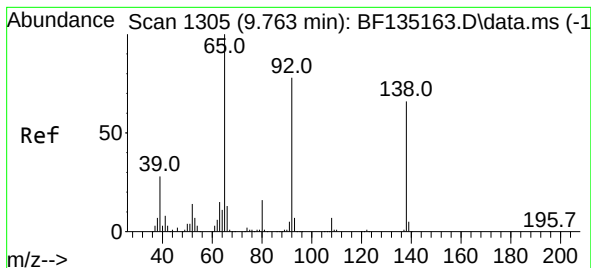


#52
Acenaphthene
Concen: 42.817 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:154 Resp: 576834
Ion Ratio Lower Upper
154 100
153 114.7 92.1 138.1
152 54.2 43.1 64.7





#53

3-Nitroaniline

Concen: 36.405 ng

RT: 9.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:138 Resp: 155764

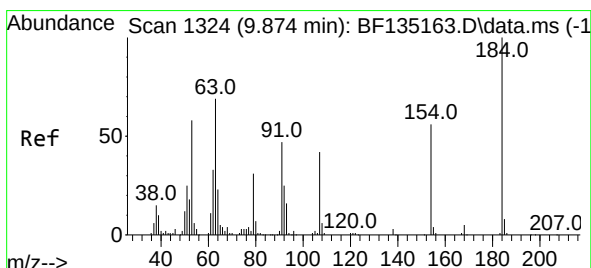
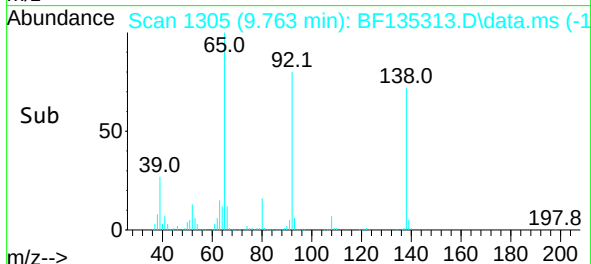
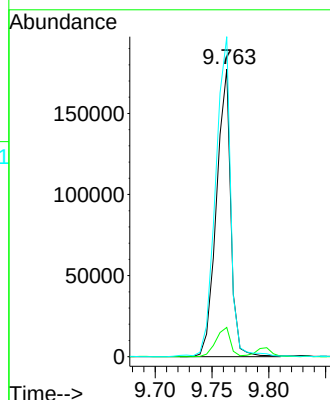
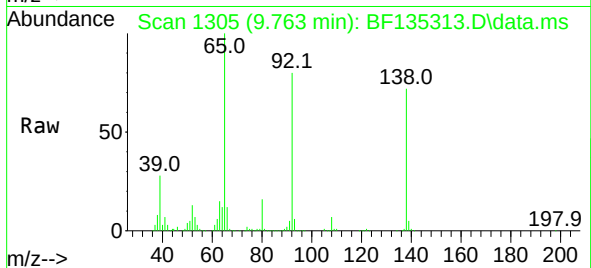
Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.5	12.7
92	111.3	95.4	143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#54

2,4-Dinitrophenol

Concen: 74.063 ng

RT: 9.875 min Scan# 1324

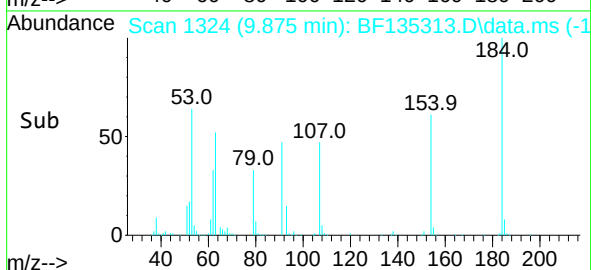
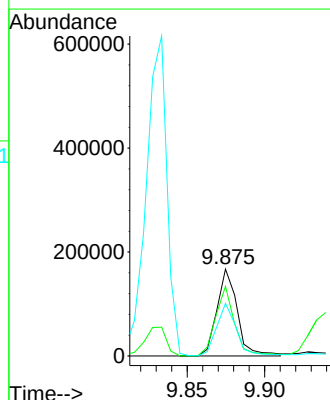
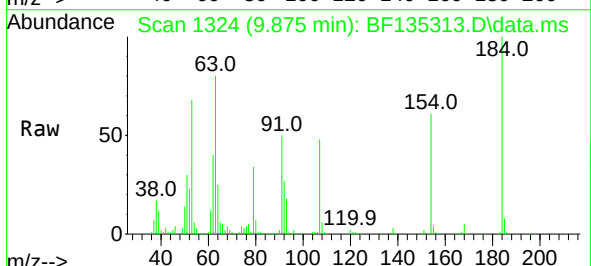
Delta R.T. 0.001 min

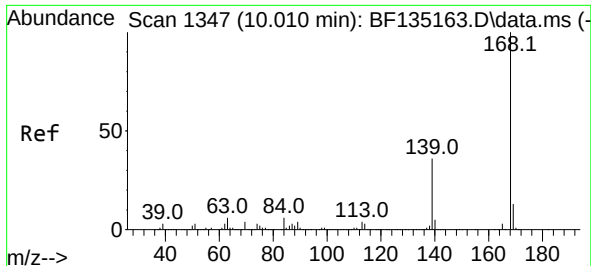
Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:184 Resp: 152216

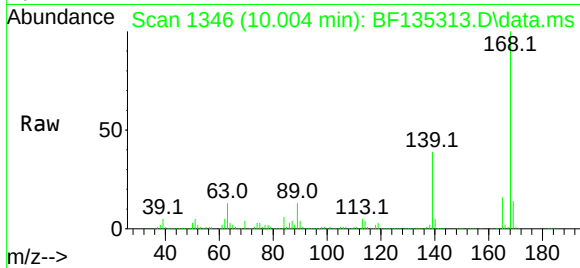
Ion	Ratio	Lower	Upper
184	100		
63	80.1	55.1	82.7
154	60.6	48.4	72.6





#55
Dibenzofuran
Concen: 41.704 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

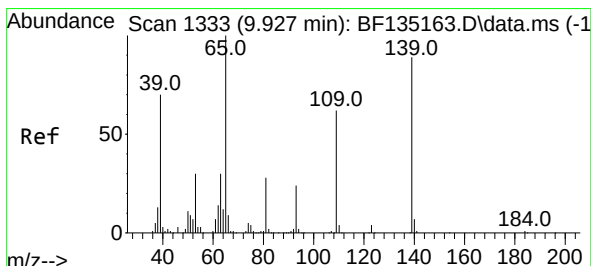
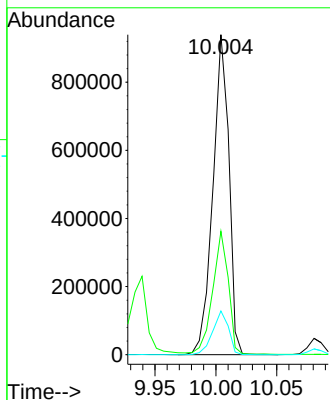
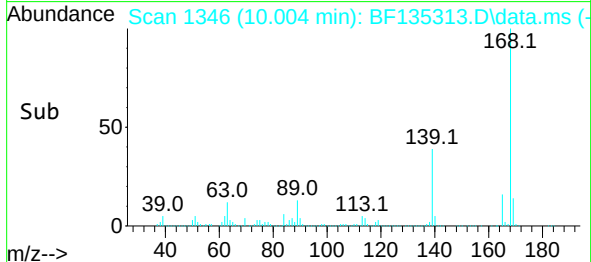
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:168 Resp: 857359
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.6 10.4 15.6

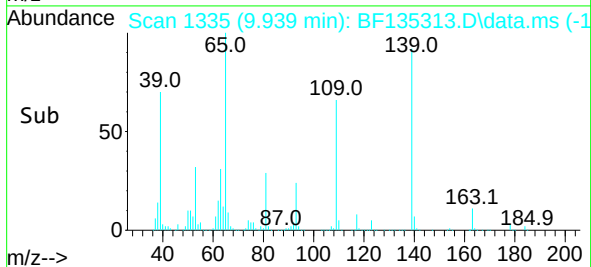
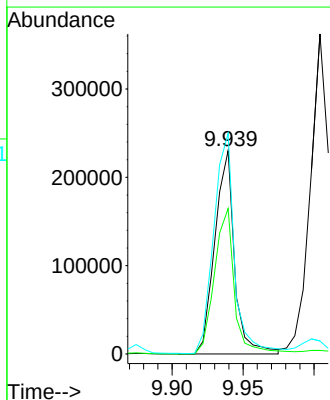
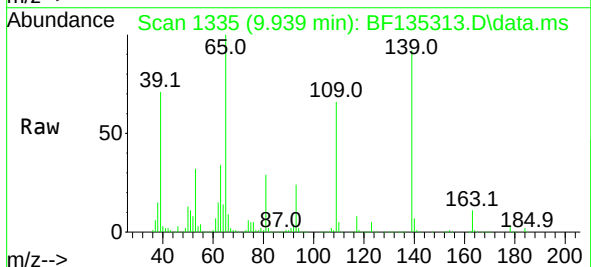
Manual Integrations
APPROVED

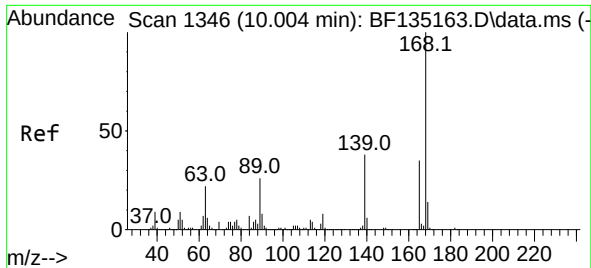
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 81.782 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

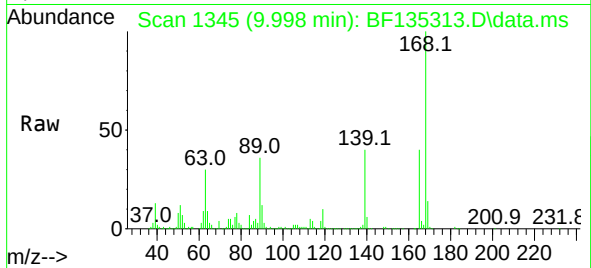
Tgt Ion:139 Resp: 222391
Ion Ratio Lower Upper
139 100
109 71.5 49.8 89.8
65 108.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 41.632 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

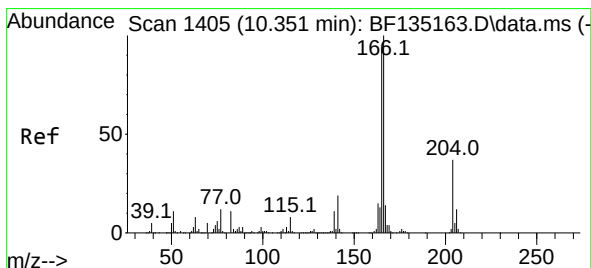
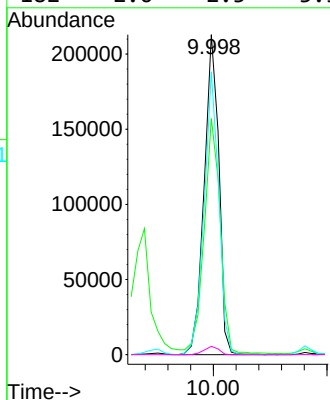
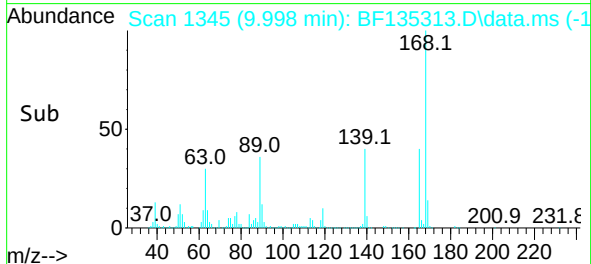
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:165 Resp: 189979
Ion Ratio Lower Upper
165 100
63 73.8 50.1 75.1
89 88.4 59.3 88.9
182 2.6 2.3 3.5

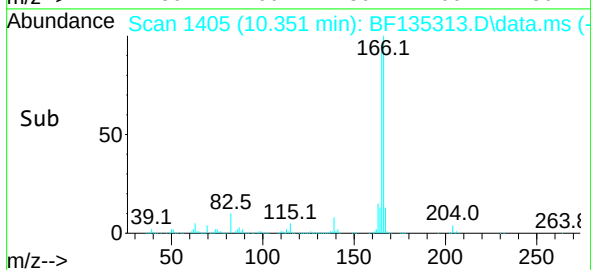
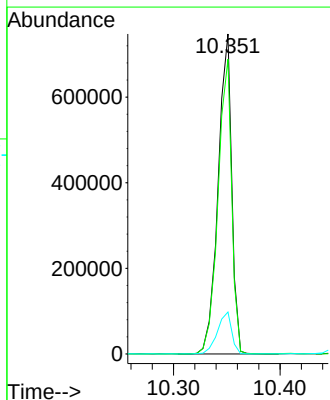
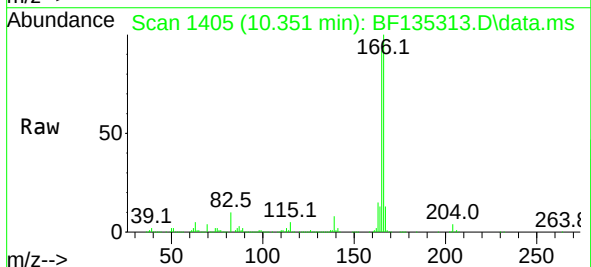
Manual Integrations
APPROVED

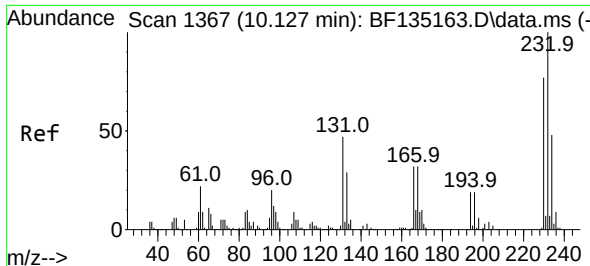
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 41.853 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

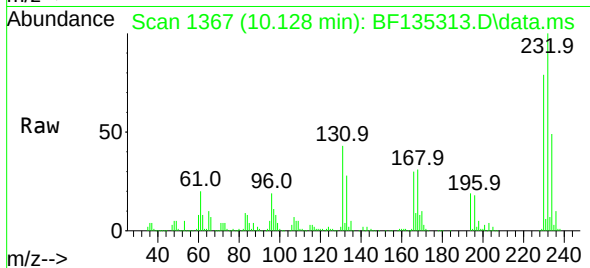
Tgt Ion:166 Resp: 661460
Ion Ratio Lower Upper
166 100
165 92.1 74.3 111.5
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.329 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

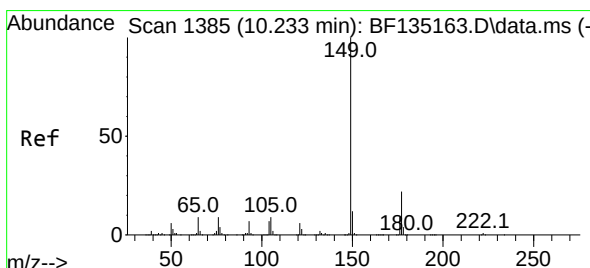
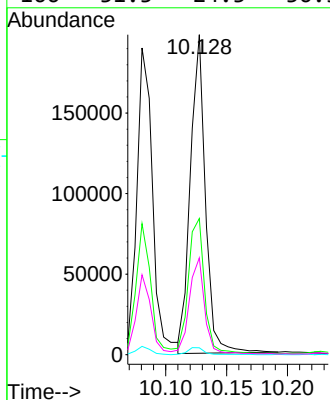
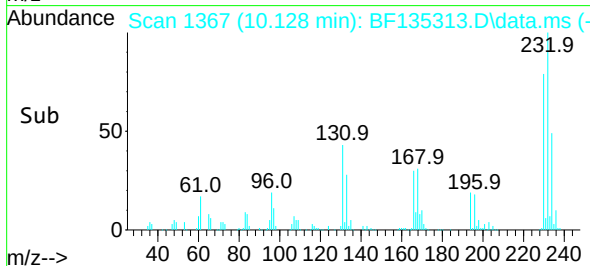
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



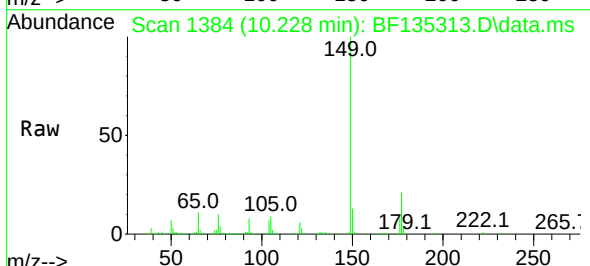
Tgt Ion:232 Resp: 170912
Ion Ratio Lower Upper
232 100
131 46.2 35.4 53.2
130 2.6 1.8 2.8
166 31.3 24.3 36.5

Manual Integrations
APPROVED

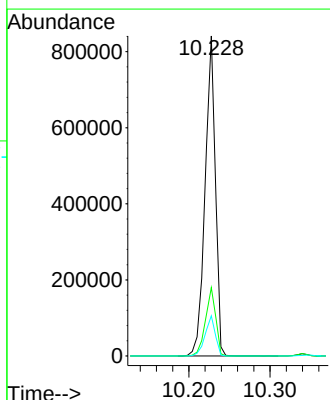
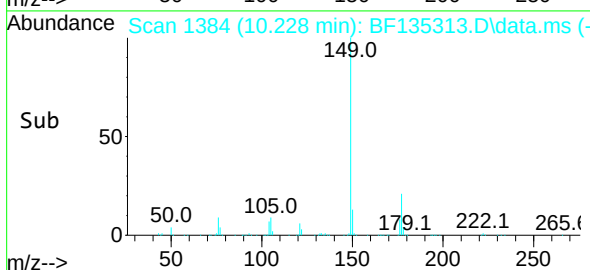
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

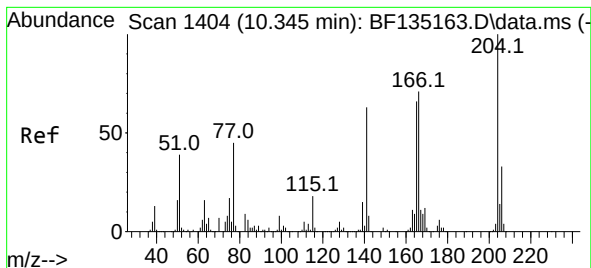


#60
Diethylphthalate
Concen: 44.260 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



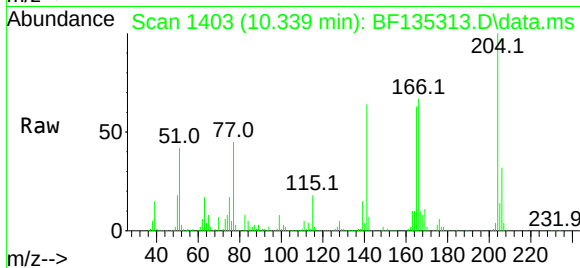
Tgt Ion:149 Resp: 739089
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.453 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

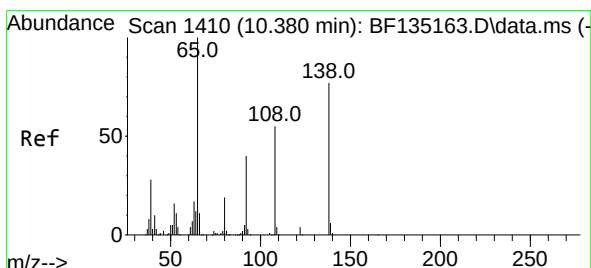
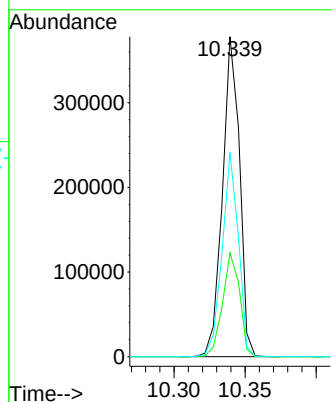
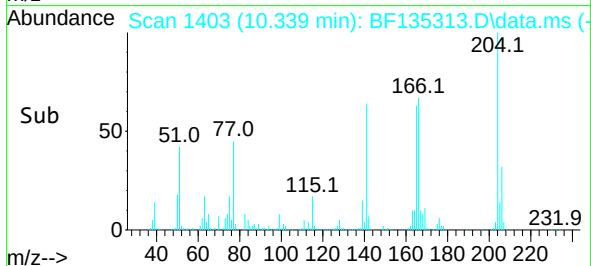
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:204 Resp: 314709
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 63.8 50.6 75.8

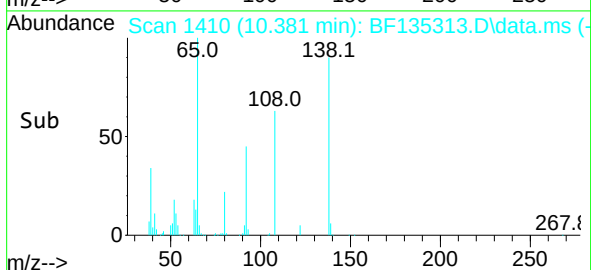
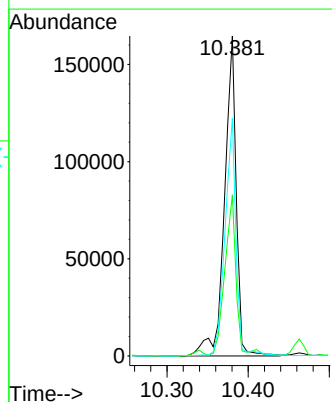
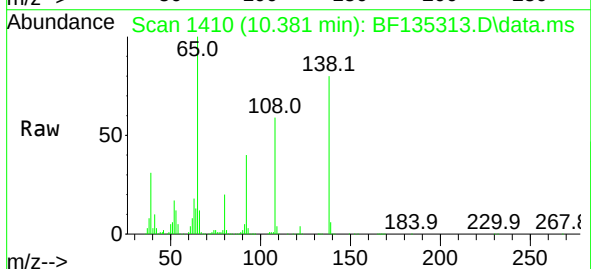
Manual Integrations
APPROVED

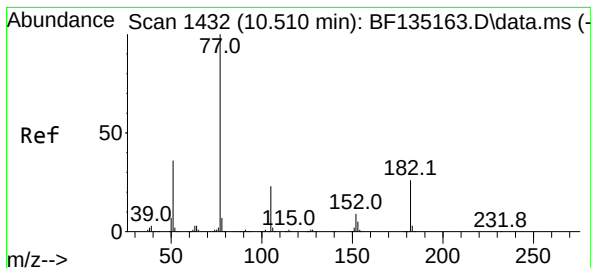
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 40.607 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

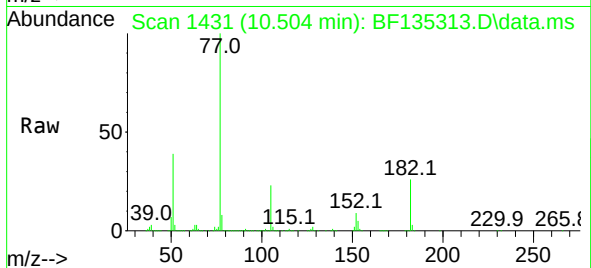
Tgt Ion:138 Resp: 167010
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 74.3 52.0 92.0





#63
Azobenzene
Concen: 43.679 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

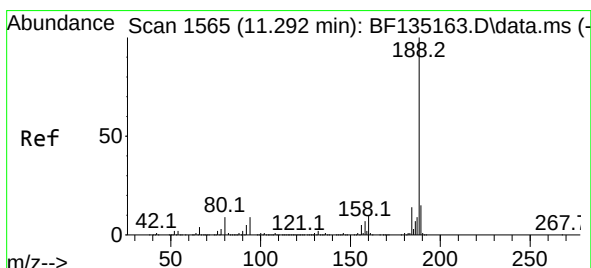
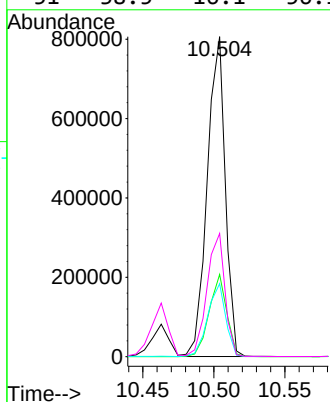
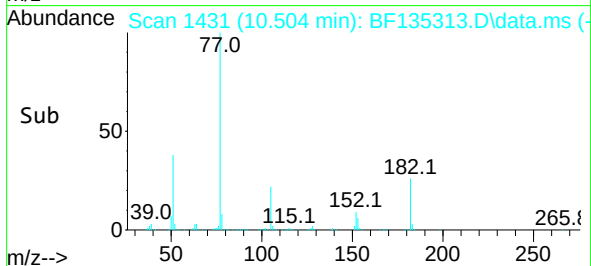
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



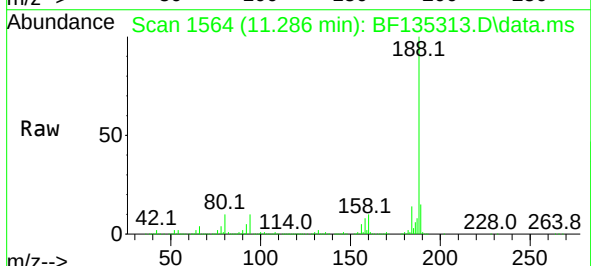
Tgt Ion: 77 Resp: 713849
Ion Ratio Lower Upper
77 100
182 25.7 6.4 46.4
105 22.8 3.1 43.1
51 38.5 16.1 56.1

Manual Integrations
APPROVED

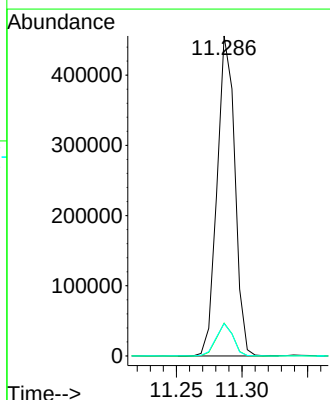
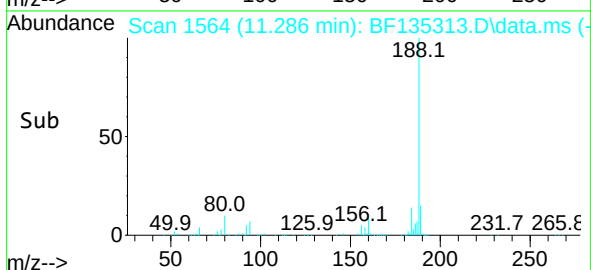
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

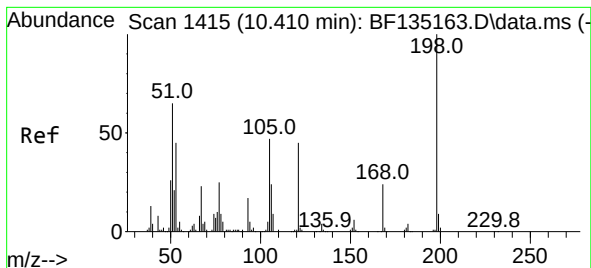


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:188 Resp: 428252
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.1 7.5 11.3





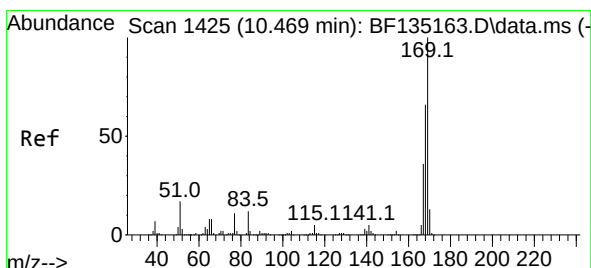
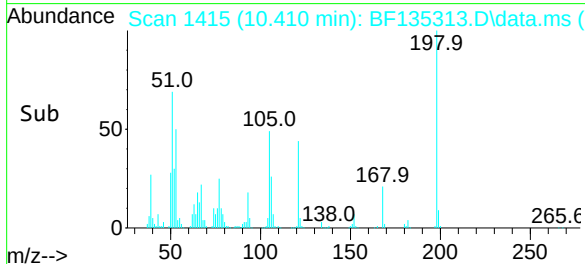
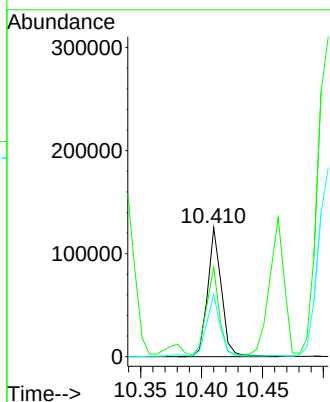
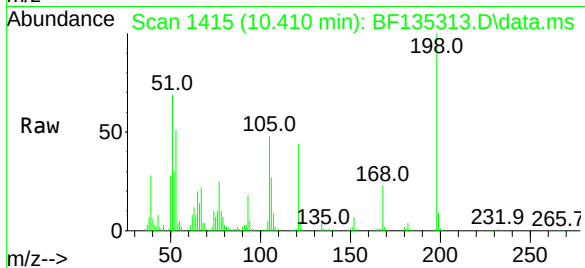
#65
4,6-Dinitro-2-methylphenol
Concen: 43.454 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

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

Tgt Ion:198 Resp: 98840
Ion Ratio Lower Upper
198 100
51 69.3 47.7 87.7
105 48.5 27.4 67.4

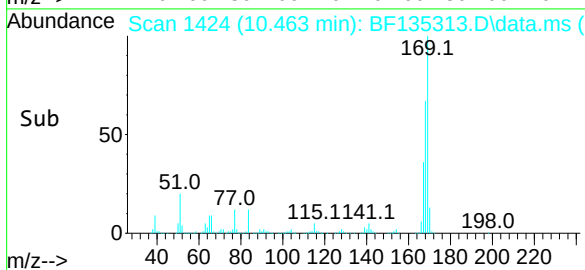
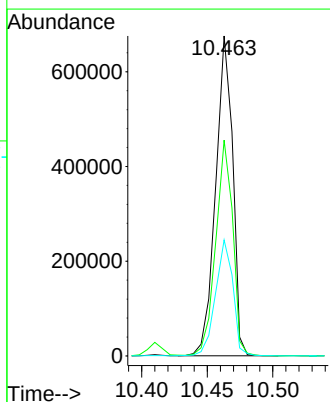
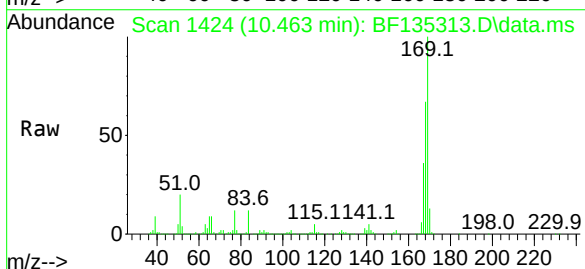
Manual Integrations
APPROVED

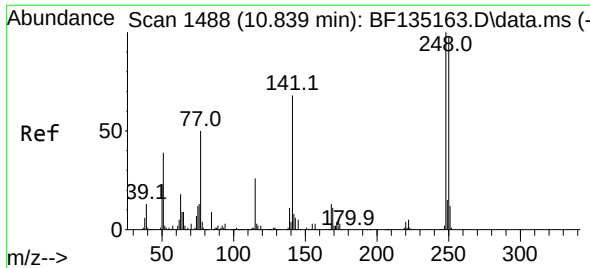
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 47.062 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

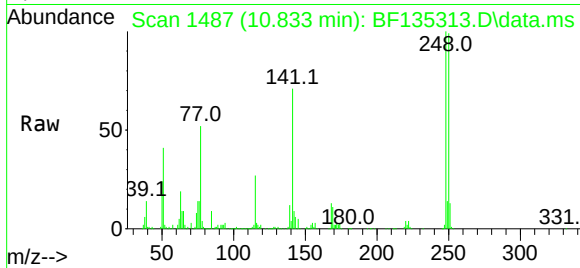
Tgt Ion:169 Resp: 610163
Ion Ratio Lower Upper
169 100
168 67.4 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.165 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

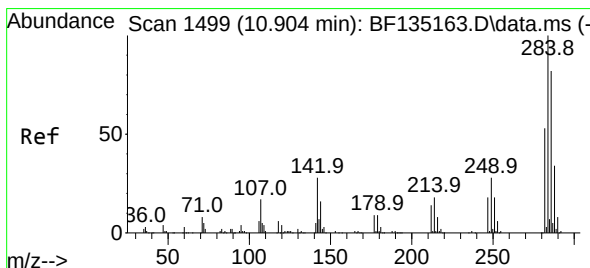
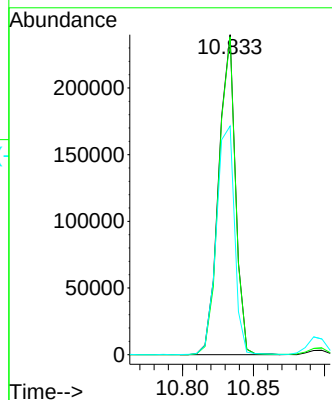
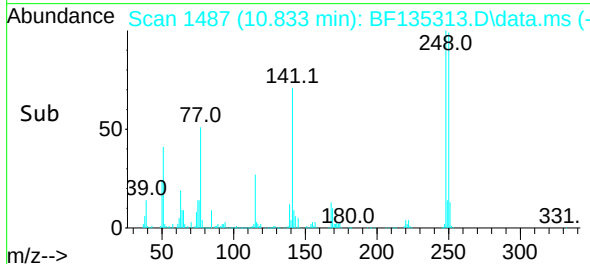
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



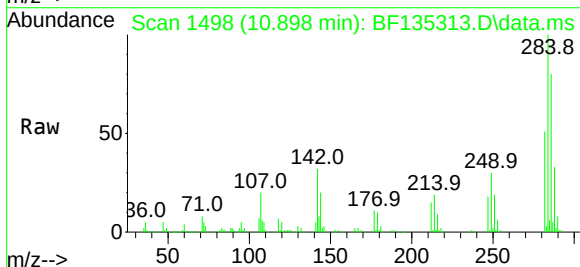
Tgt Ion:248 Resp: 196630
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 71.4 54.2 81.2

Manual Integrations
APPROVED

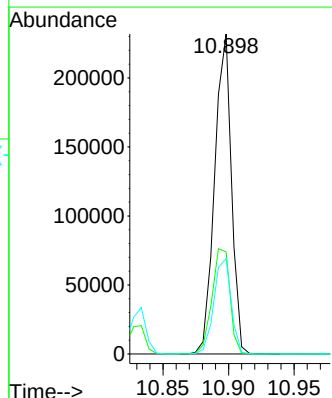
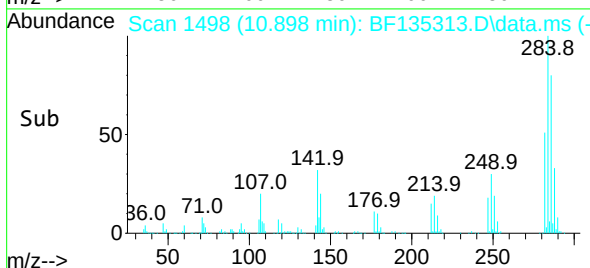
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

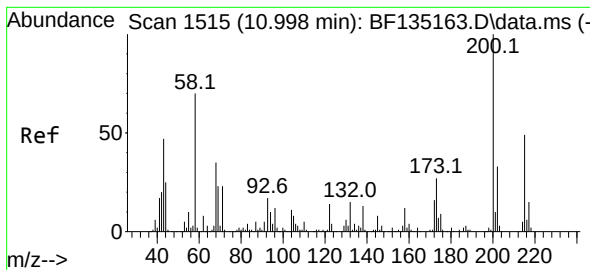


#68
Hexachlorobenzene
Concen: 47.497 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:284 Resp: 206099
Ion Ratio Lower Upper
284 100
142 31.9 22.2 33.4
249 29.8 22.5 33.7





#69

Atrazine

Concen: 52.169 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135313.D

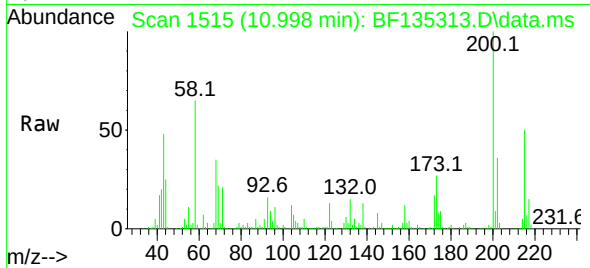
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



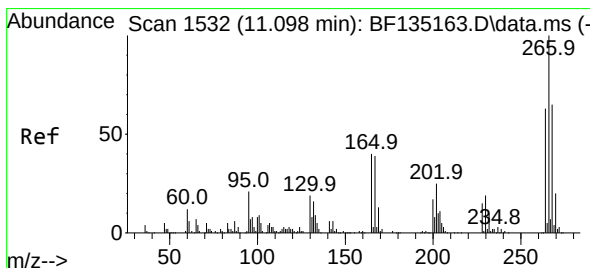
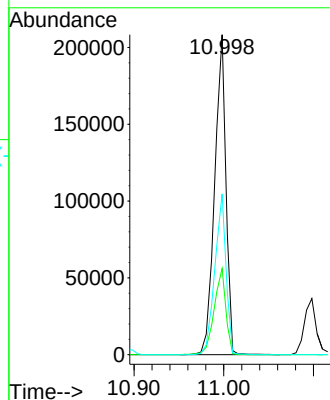
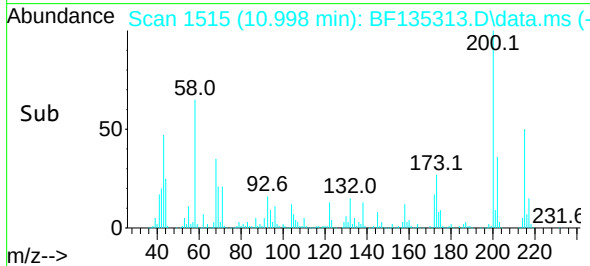
Tgt Ion:200	Resp: 18199
Ion Ratio	Lower Upper
200 100	
173 26.9	7.4 47.4
215 50.3	28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 76.215 ng

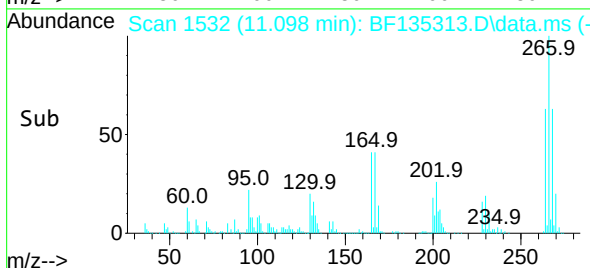
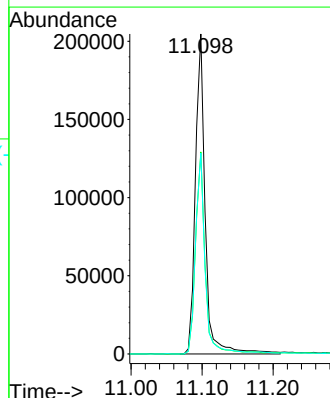
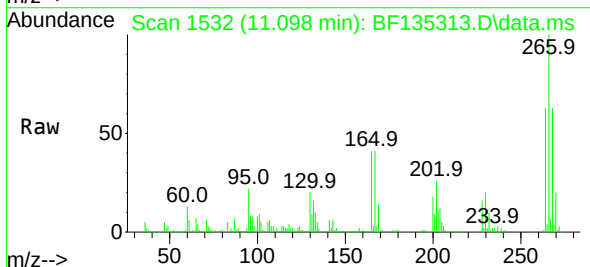
RT: 11.098 min Scan# 1532

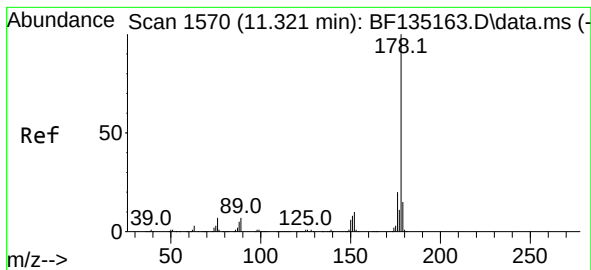
Delta R.T. 0.000 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

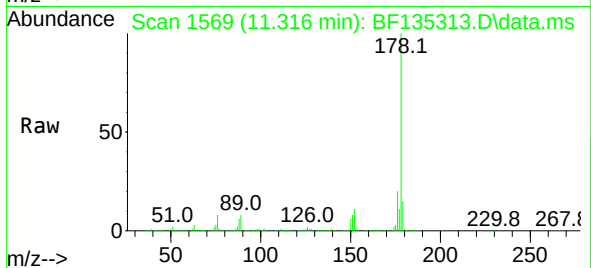
Tgt Ion:266	Resp: 197865
Ion Ratio	Lower Upper
266 100	
268 63.2	52.1 78.1
264 62.7	50.8 76.2





#71
Phenanthrene
Concen: 47.015 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

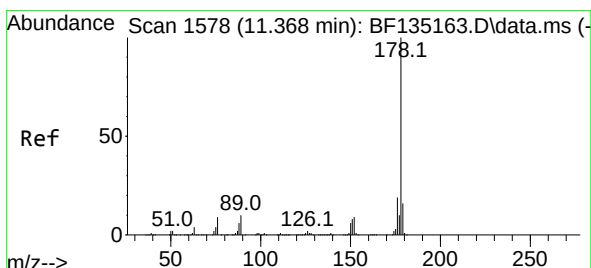
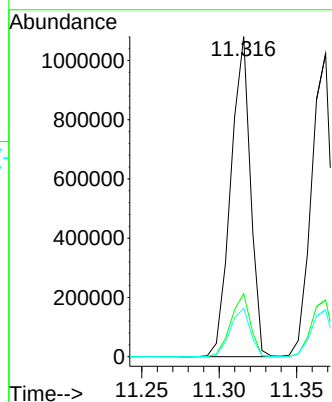
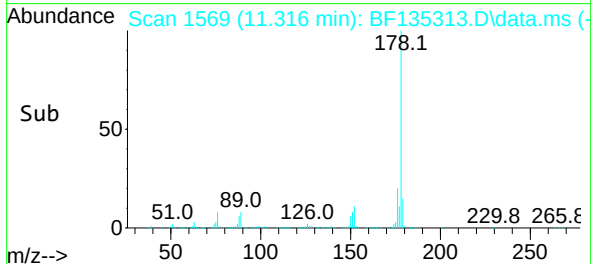
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:178 Resp: 952258
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.2 12.0 18.0

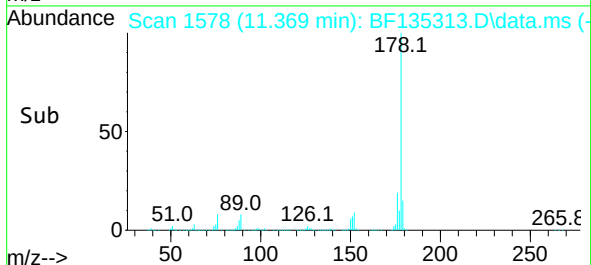
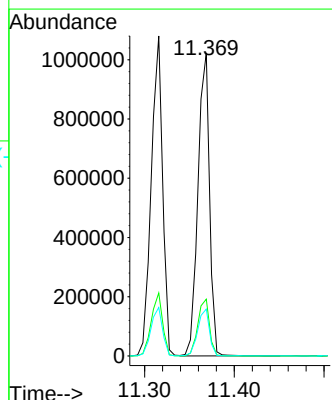
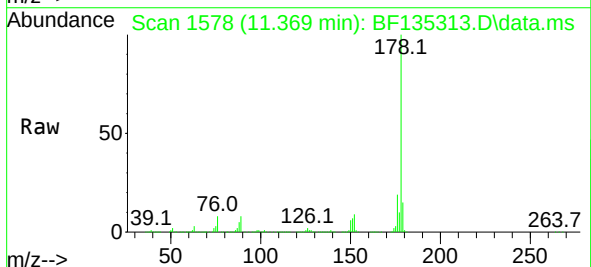
Manual Integrations
APPROVED

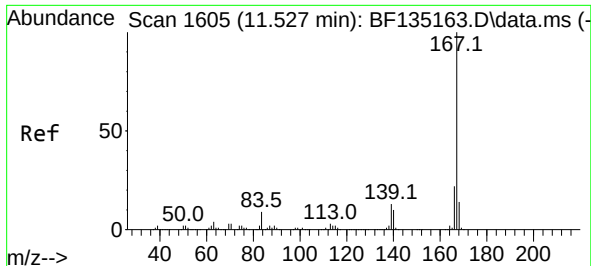
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 43.992 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

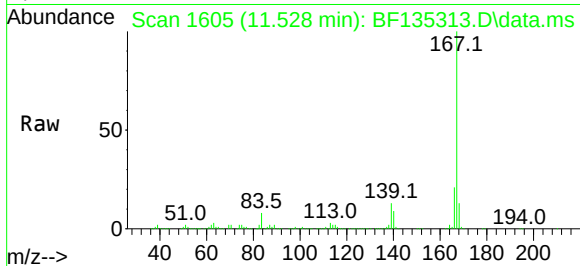
Tgt Ion:178 Resp: 915895
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 42.513 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135313.D
 Acq: 18 Sep 2023 18:42

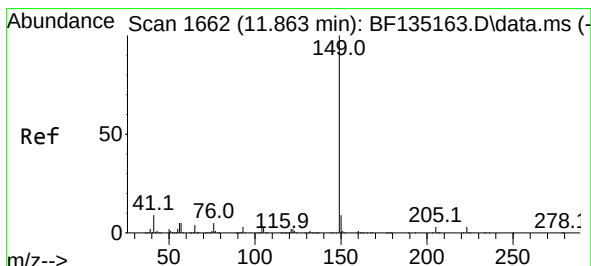
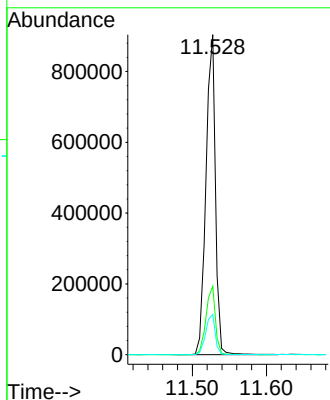
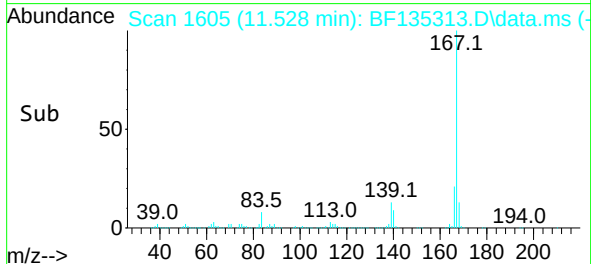
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMS



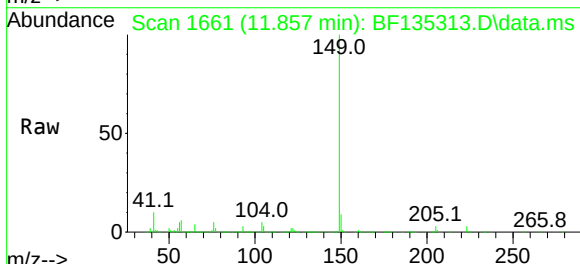
Tgt Ion:167 Resp: 805721
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.5 10.6 15.8

Manual Integrations
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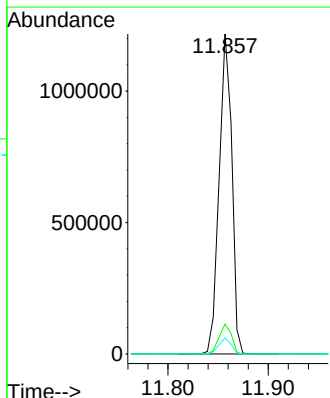
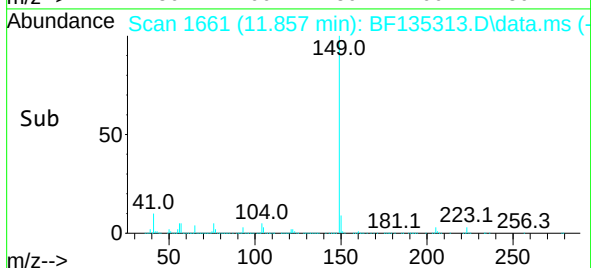
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

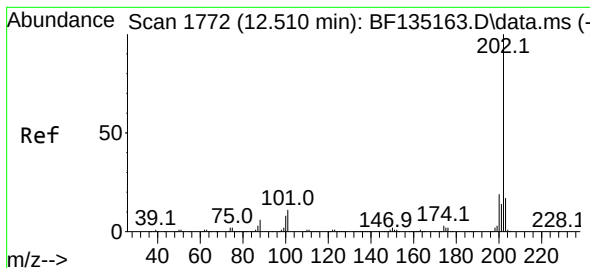


#74
 Di-n-butylphthalate
 Concen: 47.742 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135313.D
 Acq: 18 Sep 2023 18:42



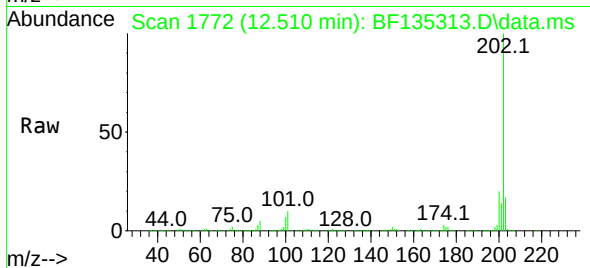
Tgt Ion:149 Resp: 1066202
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 40.940 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

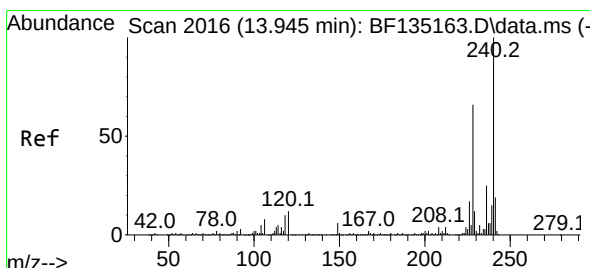
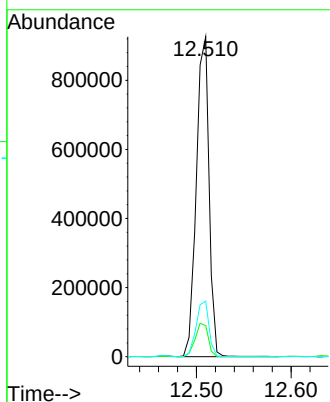
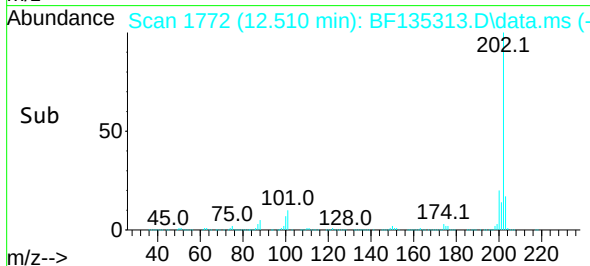
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



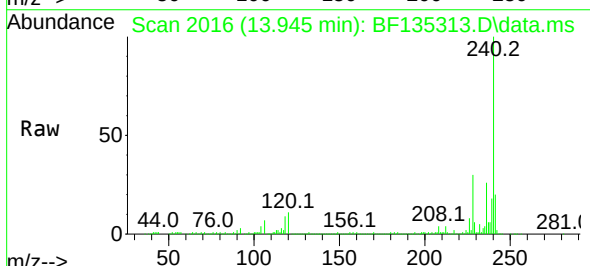
Tgt Ion:202 Resp: 86404
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.3
203 17.4 0.0 37.4

Manual Integrations
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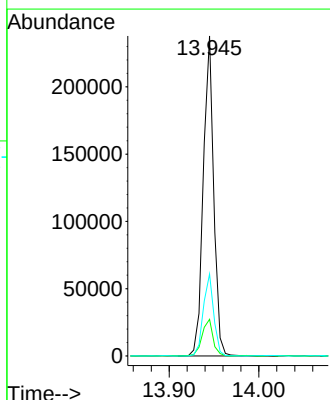
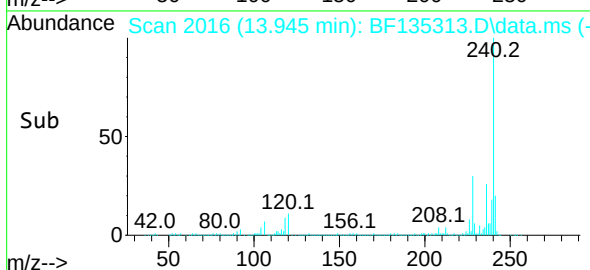
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

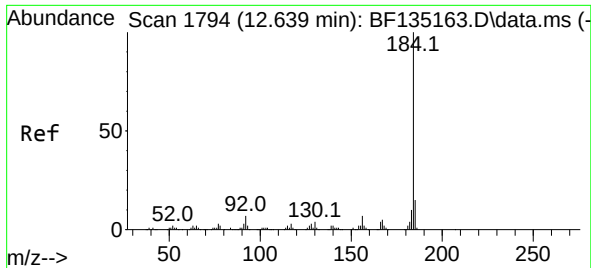


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



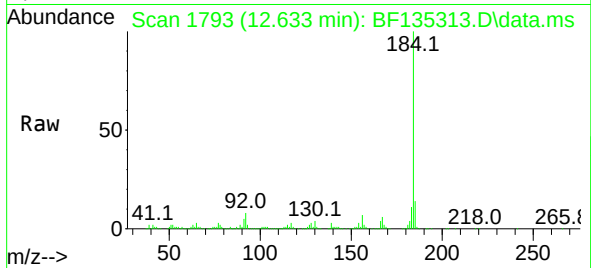
Tgt Ion:240 Resp: 191578
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.6 19.8 29.8





#77
Benzidine
Concen: 85.825 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

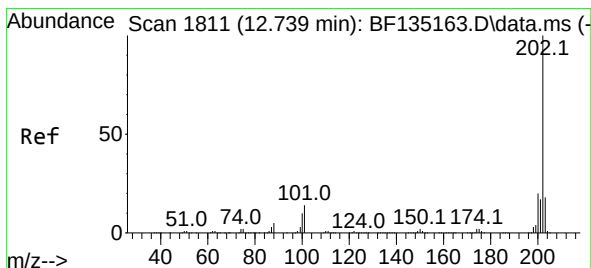
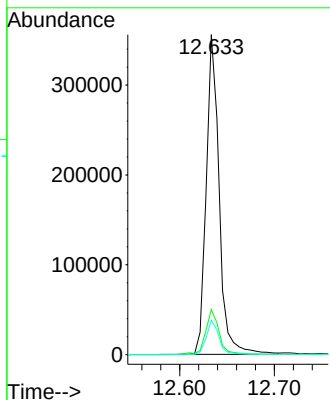
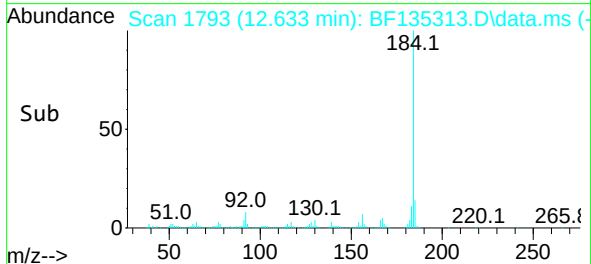
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



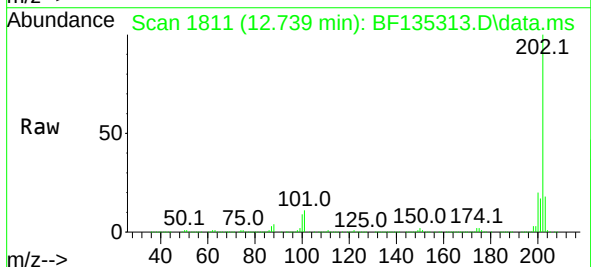
Tgt Ion:184 Resp: 336849
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.8 8.2 12.4

Manual Integrations
APPROVED

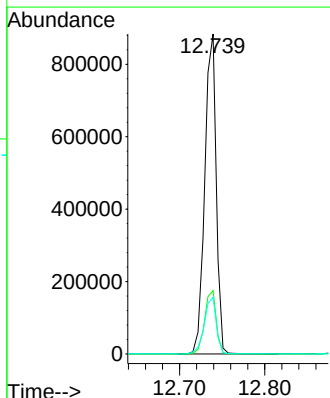
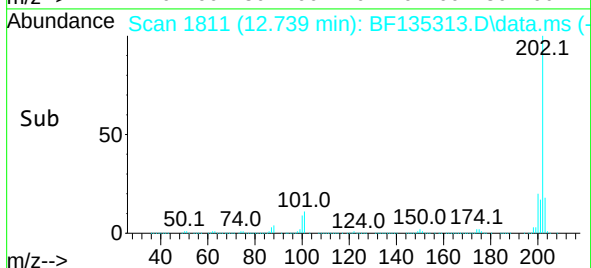
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

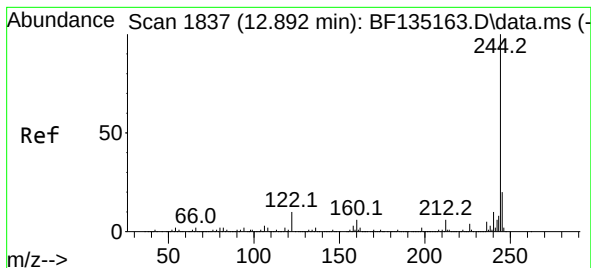


#78
Pyrene
Concen: 45.116 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42



Tgt Ion:202 Resp: 822899
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 43.740 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135313.D

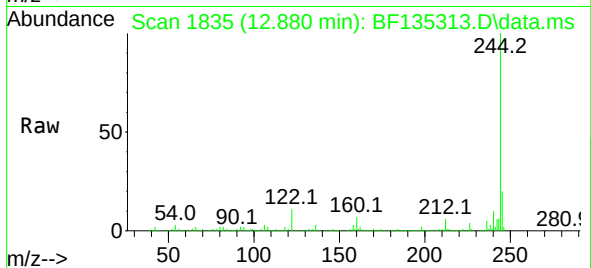
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:244 Resp: 54055

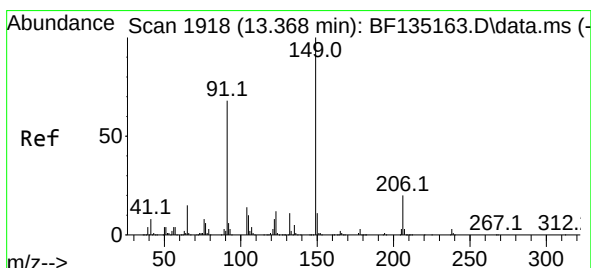
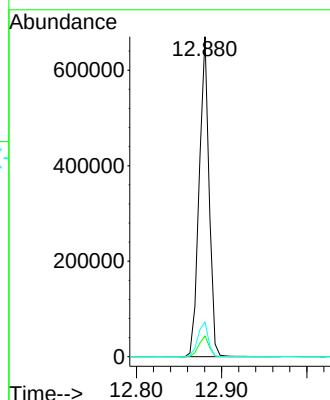
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	10.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

Concen: 49.574 ng

RT: 13.363 min Scan# 1917

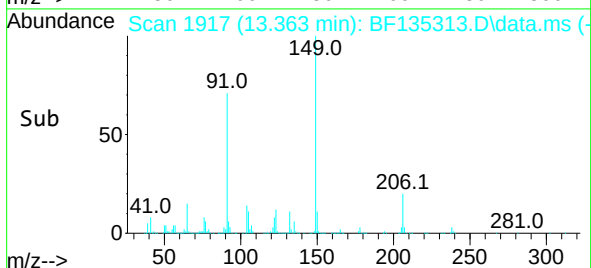
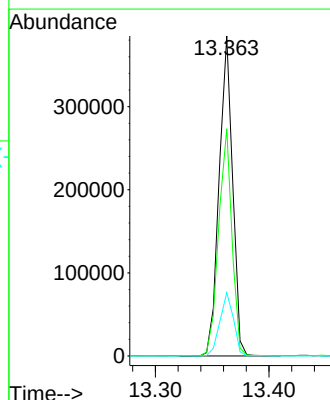
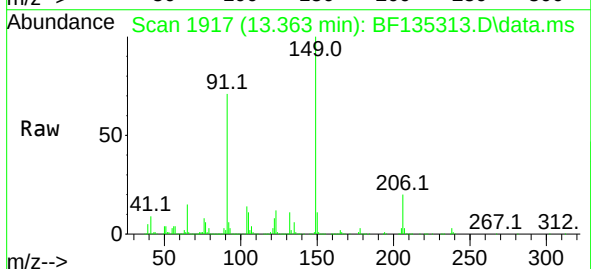
Delta R.T. -0.006 min

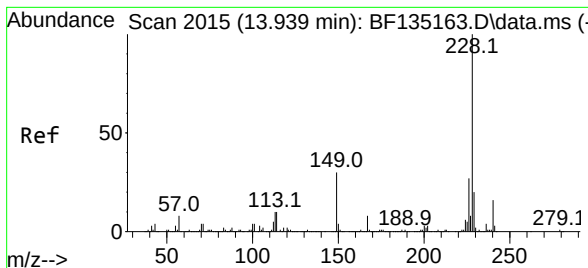
Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:149 Resp: 318359

Ion	Ratio	Lower	Upper
149	100		
91	71.0	54.7	82.1
206	19.8	16.3	24.5





#81

Benzo(a)anthracene

Concen: 46.362 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135313.D

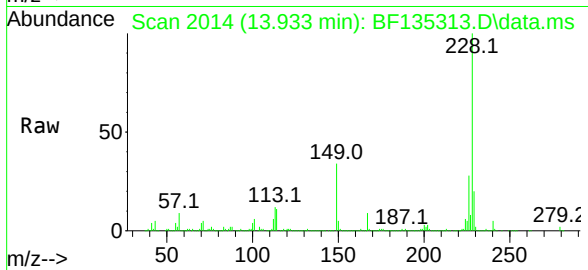
Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS



Tgt Ion:228 Resp: 57353

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

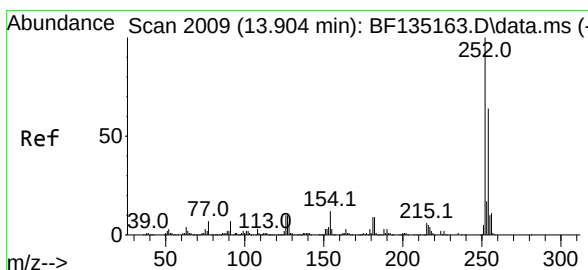
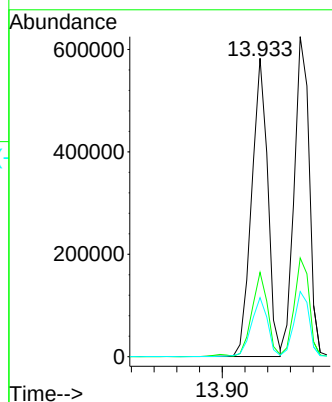
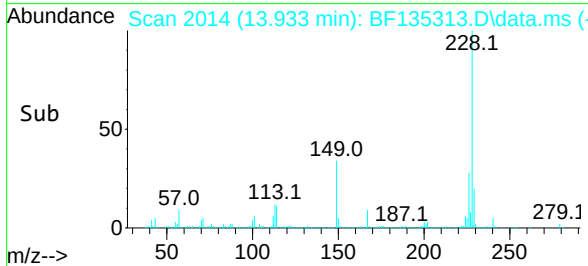
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 54.097 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

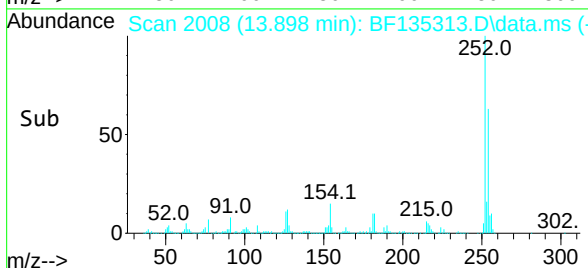
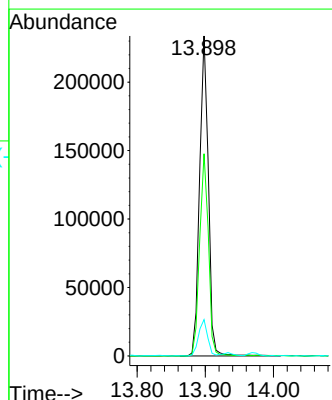
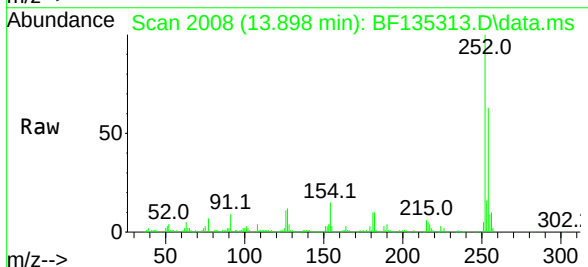
Tgt Ion:252 Resp: 209033

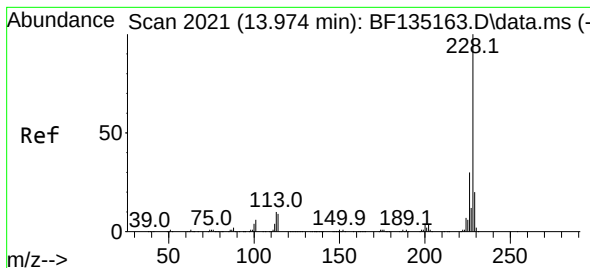
Ion Ratio Lower Upper

252 100

254 63.2 51.0 76.4

126 11.4 7.8 11.8





#83

Chrysene

Concen: 46.641 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

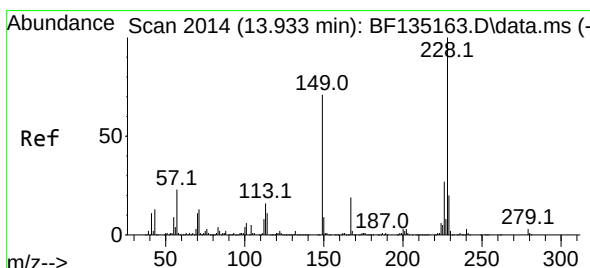
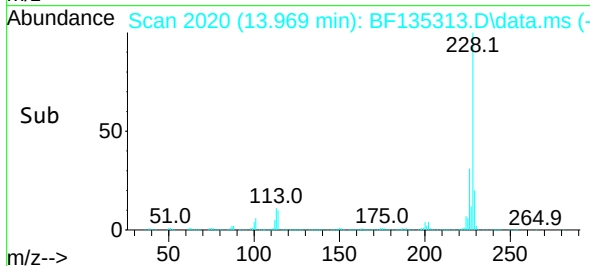
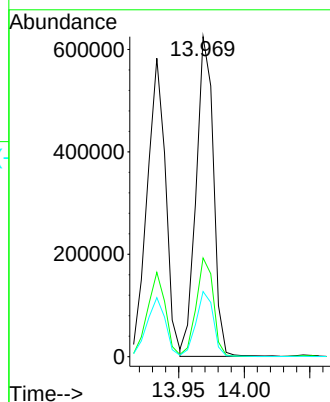
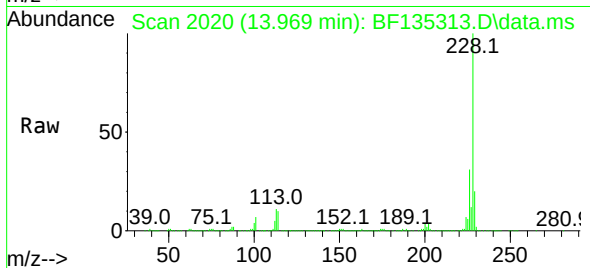
Tgt Ion:228	Resp: 57365
Ion Ratio	Lower Upper
228 100	
226 30.9	24.3 36.5
229 20.3	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.966 ng

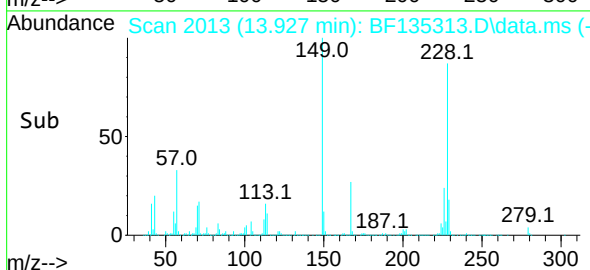
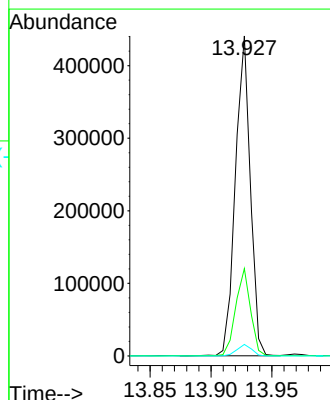
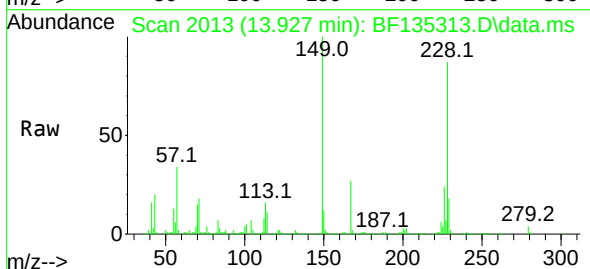
RT: 13.927 min Scan# 2013

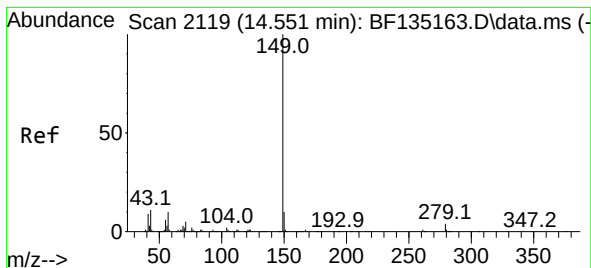
Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:149	Resp: 375407
Ion Ratio	Lower Upper
149 100	
167 27.3	21.9 32.9
279 3.6	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.443 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

Tgt Ion:149 Resp: 65395

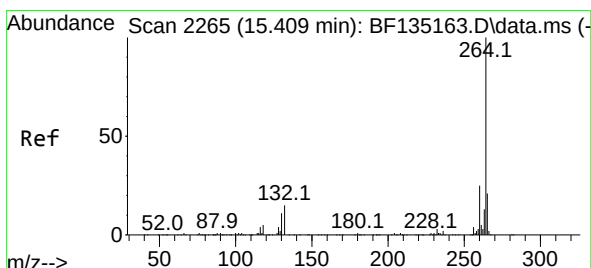
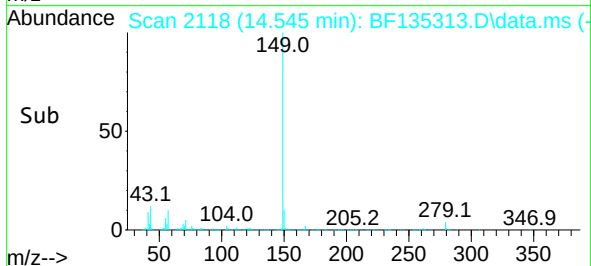
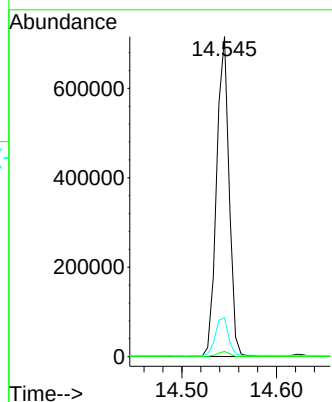
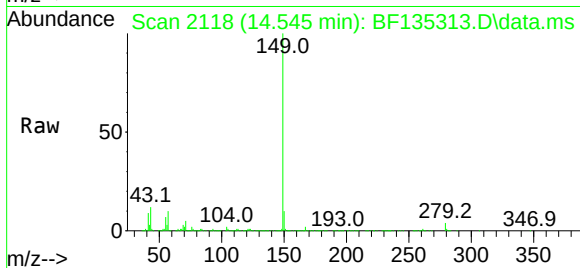
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

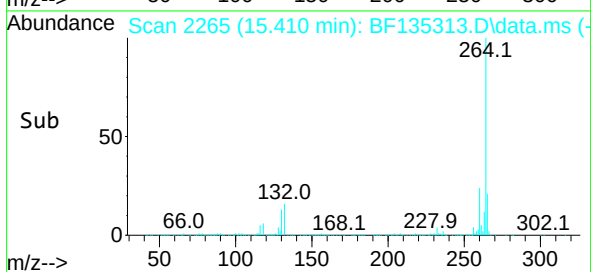
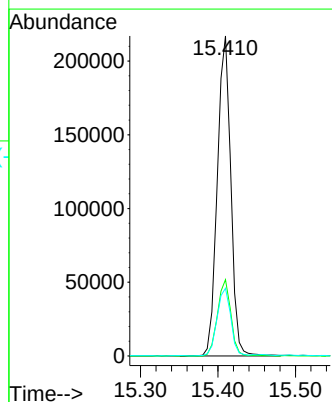
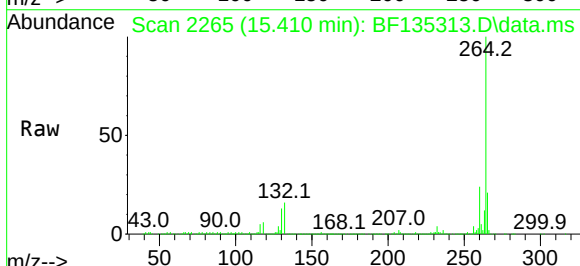
Delta R.T. 0.000 min

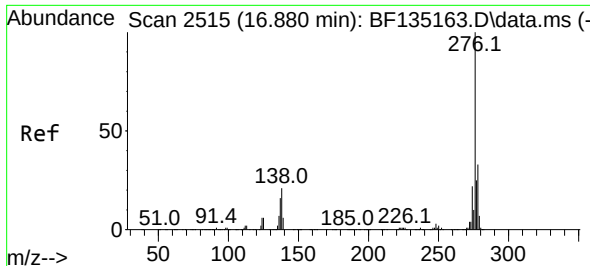
Lab File: BF135313.D

Acq: 18 Sep 2023 18:42

Tgt Ion:264 Resp: 262217

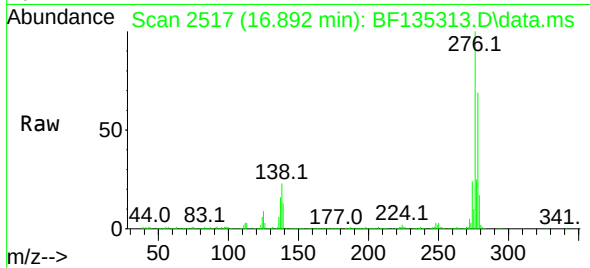
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.2	17.0	25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.731 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

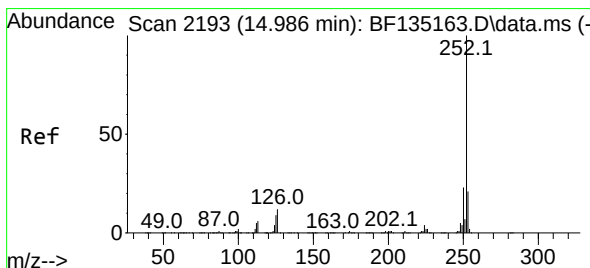
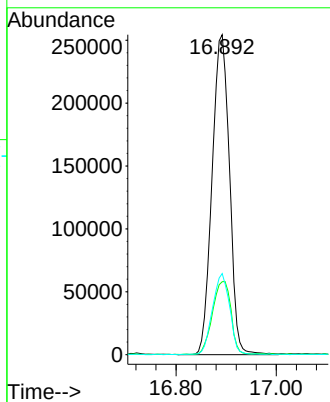
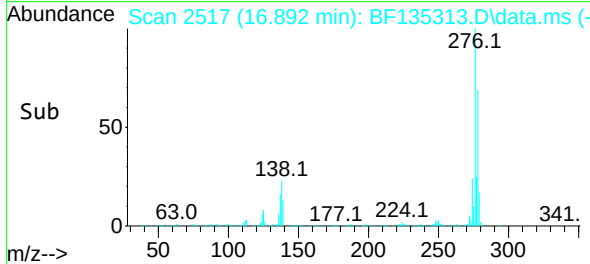
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:276 Resp: 614300
Ion Ratio Lower Upper
276 100
138 24.2 19.2 28.8
277 25.2 19.7 29.5

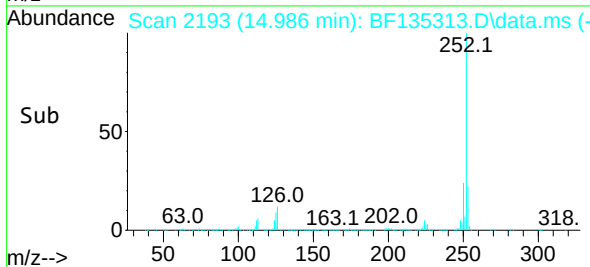
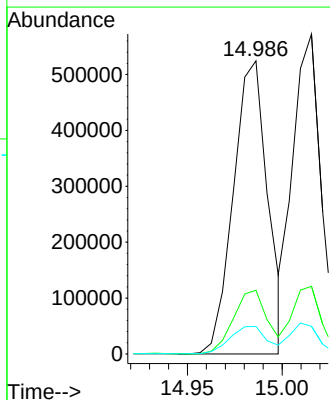
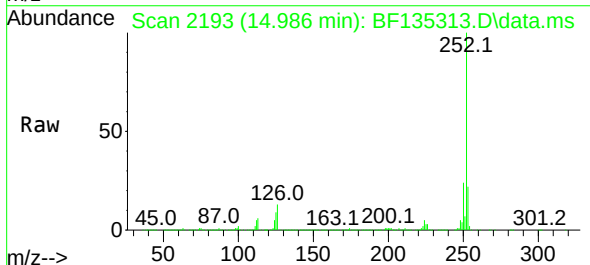
Manual Integrations
APPROVED

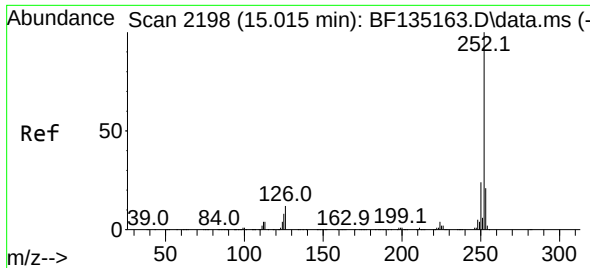
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 46.673 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

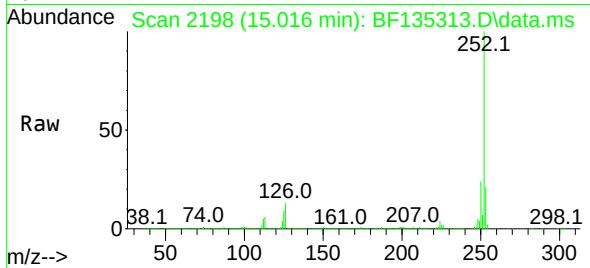
Tgt Ion:252 Resp: 662508
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.4 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 41.896 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

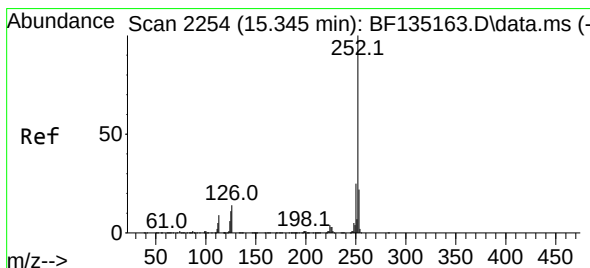
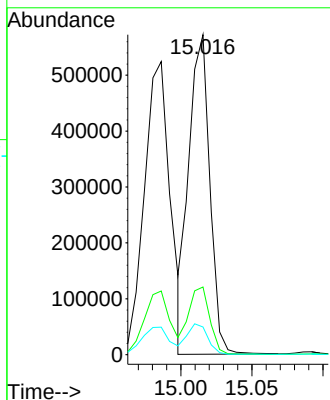
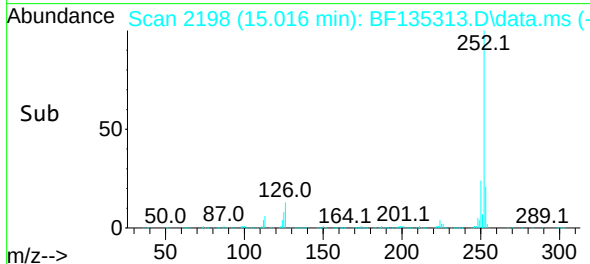
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMS



Tgt Ion:252 Resp: 587450
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 8.6 7.2 10.8

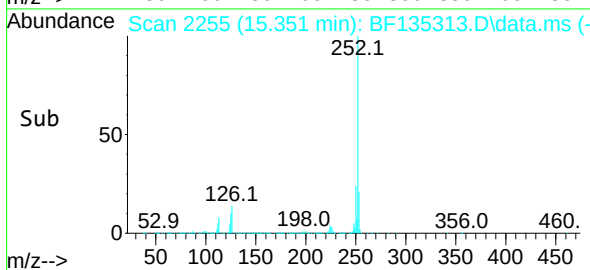
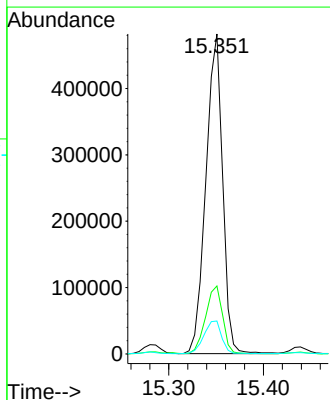
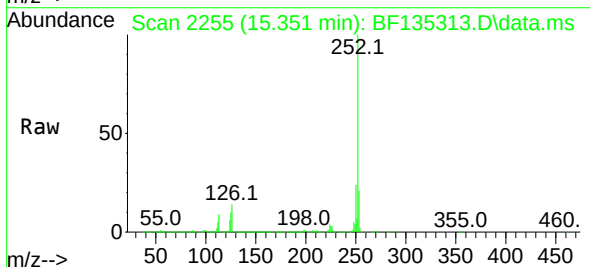
Manual Integrations
APPROVED

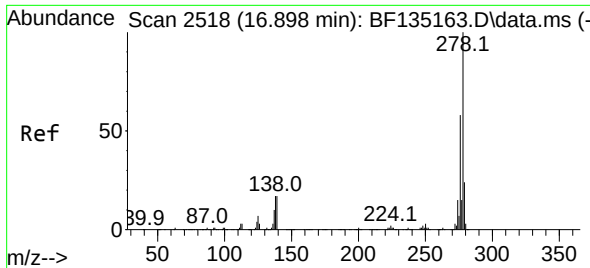
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#90
Benzo(a)pyrene
Concen: 43.484 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135313.D
Acq: 18 Sep 2023 18:42

Tgt Ion:252 Resp: 588622
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 10.3 9.2 13.8





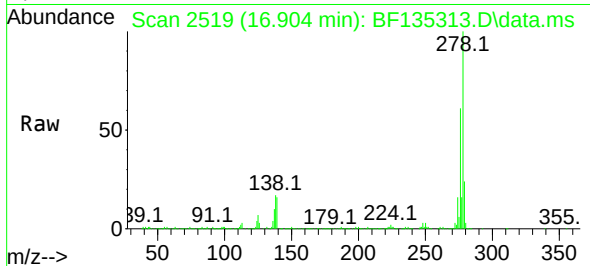
#91
 Dibenzo(a,h)anthracene
 Concen: 35.773 ng
 RT: 16.904 min Scan# 2519
 Delta R.T. 0.006 min
 Lab File: BF135313.D
 Acq: 18 Sep 2023 18:42

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMS

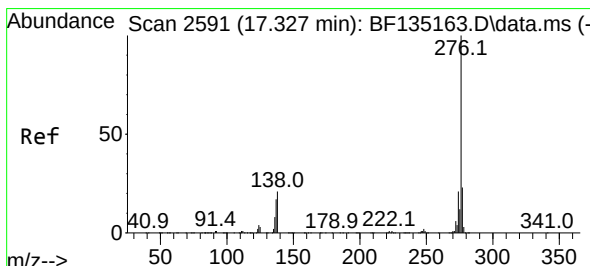
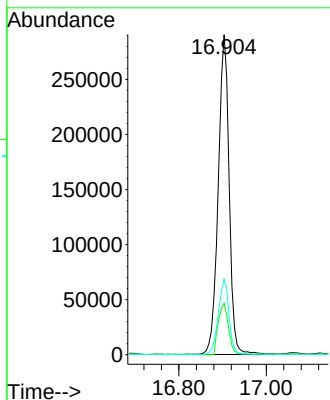
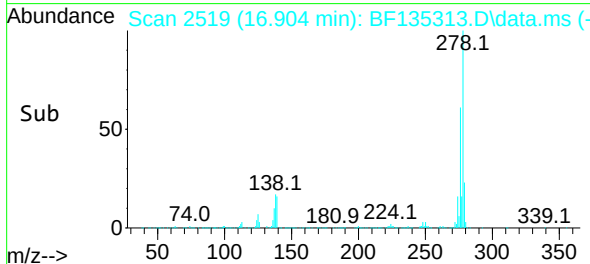


Tgt Ion: 278 Resp: 503229
 Ion Ratio Lower Upper
 278 100
 139 16.1 13.4 20.0
 279 23.6 19.0 28.6

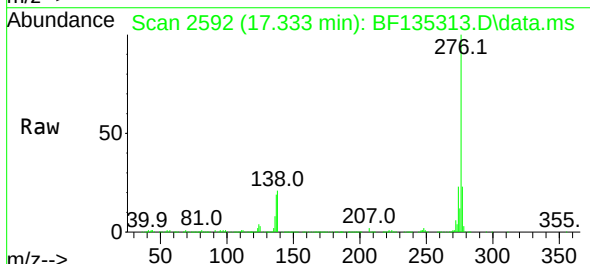
Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 09/19/2023
 Supervised By : mohammad ahmed 09/19/2023



#92
 Benzo(g,h,i)perylene
 Concen: 31.258 ng
 RT: 17.333 min Scan# 2592
 Delta R.T. 0.006 min
 Lab File: BF135313.D
 Acq: 18 Sep 2023 18:42



Tgt Ion: 276 Resp: 459221
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.8 28.2
 138 21.0 16.9 25.3

