

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135314.D
 Acq On : 18 Sep 2023 19:13
 Operator : CG\JU
 Sample : 04305-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 00:14:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	115735	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	435462	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	211487	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	357540	20.000	ng	0.00
76) Chrysene-d12	13.945	240	176748	20.000	ng	0.00
86) Perylene-d12	15.410	264	240351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	547468	76.937	ng	0.00
7) Phenol-d6	6.404	99	691516	76.426	ng	0.00
23) Nitrobenzene-d5	7.322	82	426008	53.150	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	157533	74.956	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	757733	54.056	ng	-0.01
79) Terphenyl-d14	12.880	244	521269	45.719	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	144207	46.229	ng	99
3) Pyridine	3.287	79	353829	42.145	ng	94
4) n-Nitrosodimethylamine	3.263	42	239806	53.826	ng	92
6) Aniline	6.428	93	431100	36.333	ng	95
8) 2-Chlorophenol	6.546	128	393769	51.838	ng	99
9) Benzaldehyde	6.316	77	168688	32.726	ng	98
10) Phenol	6.416	94	470791	47.451	ng	90
11) bis(2-Chloroethyl)ether	6.498	93	370926	49.840	ng	97
12) 1,3-Dichlorobenzene	6.698	146	389071	50.398	ng	99
13) 1,4-Dichlorobenzene	6.775	146	400857	51.037	ng	98
14) 1,2-Dichlorobenzene	6.928	146	375923	51.539	ng	97
15) Benzyl Alcohol	6.910	79	332668	51.236	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	724253	51.628	ng	95
17) 2-Methylphenol	7.022	107	305669	45.600	ng	97
18) Hexachloroethane	7.263	117	150756	51.948	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	252799	45.107	ng	89
20) 3+4-Methylphenols	7.175	107	349928	43.413	ng	95
22) Acetophenone	7.169	105	497651	49.986	ng	99
24) Nitrobenzene	7.345	77	408220	51.529	ng	96
25) Isophorone	7.581	82	757888	51.494	ng	98
26) 2-Nitrophenol	7.657	139	206793	54.387	ng	96
27) 2,4-Dimethylphenol	7.698	122	300627	47.038	ng	98
28) bis(2-Chloroethoxy)met...	7.793	93	462892	52.546	ng	99
29) 2,4-Dichlorophenol	7.904	162	306806	51.807	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	329842	53.287	ng	99
31) Naphthalene	8.063	128	1072757	50.703	ng	99
32) Benzoic acid	7.840	122	254201	52.820	ng	97
33) 4-Chloroaniline	8.116	127	362375	39.037	ng	98
34) Hexachlorobutadiene	8.175	225	193632	51.878	ng	98
35) Caprolactam	8.498	113	107991m	54.334	ng	
36) 4-Chloro-3-methylphenol	8.604	107	337916	51.340	ng	100
37) 2-Methylnaphthalene	8.751	142	672593	47.292	ng	100
38) 1-Methylnaphthalene	8.851	142	650125	48.825	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	320621	52.330	ng	99
41) Hexachlorocyclopentadiene	8.904	237	190113	71.304	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	215950	53.832	ng	98

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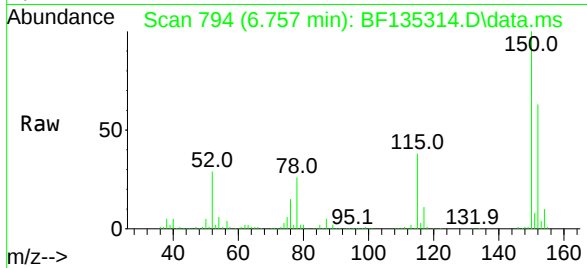
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	230508	49.896	ng	99
46) 1,1'-Biphenyl	9.216	154	841182	51.757	ng	99
47) 2-Chloronaphthalene	9.245	162	634114	53.774	ng	99
48) 2-Nitroaniline	9.345	65	247055	53.928	ng	94
49) Acenaphthylene	9.657	152	1034164	52.770	ng	99
50) Dimethylphthalate	9.528	163	756769	52.926	ng	100
51) 2,6-Dinitrotoluene	9.592	165	166799	53.250	ng	94
52) Acenaphthene	9.834	154	596763	51.546	ng	96
53) 3-Nitroaniline	9.763	138	155517	42.296	ng	94
54) 2,4-Dinitrophenol	9.875	184	152718	85.423	ng	91
55) Dibenzofuran	10.004	168	868407	49.155	ng	96
56) 4-Nitrophenol	9.939	139	222237	95.101	ng	98
57) 2,4-Dinitrotoluene	9.998	165	192832	49.174	ng	# 84
58) Fluorene	10.351	166	668530	49.224	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	180024	50.658	ng	99
60) Diethylphthalate	10.228	149	751147	52.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	313925	48.118	ng	99
62) 4-Nitroaniline	10.381	138	167099	47.278	ng	98
63) Azobenzene	10.504	77	720435	51.297	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	101470	53.433	ng	97
66) n-Nitrosodiphenylamine	10.463	169	616019	56.910	ng	100
67) 4-Bromophenyl-phenylether	10.834	248	199594	56.129	ng	97
68) Hexachlorobenzene	10.898	284	204926	56.566	ng	94
69) Atrazine	10.998	200	182805	62.765	ng	100
70) Pentachlorophenol	11.098	266	194408	89.693	ng	97
71) Phenanthrene	11.316	178	931341	55.076	ng	99
72) Anthracene	11.369	178	899127	51.728	ng	99
73) Carbazole	11.528	167	784624	49.588	ng	99
74) Di-n-butylphthalate	11.857	149	1035583	55.542	ng	99
75) Fluoranthene	12.510	202	817218	46.380	ng	97
77) Benzidine	12.633	184	364188	100.576	ng	99
78) Pyrene	12.739	202	802452	47.686	ng	99
80) Butylbenzylphthalate	13.363	149	305232	51.518	ng	100
81) Benzo(a)anthracene	13.933	228	619802	54.306	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	225882	63.362	ng	99
83) Chrysene	13.969	228	610927	53.839	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	367755	60.487	ng	98
85) Di-n-octyl phthalate	14.545	149	691860	71.606	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	647542	41.090	ng	99
88) Benzo(b)fluoranthene	14.986	252	720647	55.387	ng	99
89) Benzo(k)fluoranthene	15.016	252	629825	49.004	ng	99
90) Benzo(a)pyrene	15.351	252	634728	51.156	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	530601	41.150	ng	99
92) Benzo(g,h,i)perylene	17.333	276	487474	36.199	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: BF135314.D
Acq: 18 Sep 2023 19:13

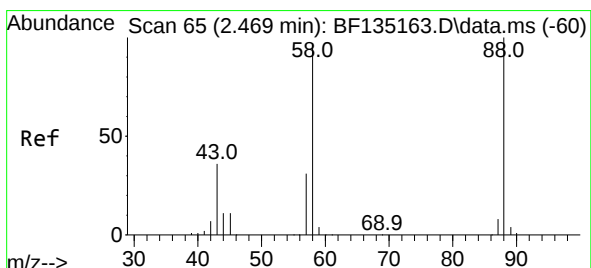
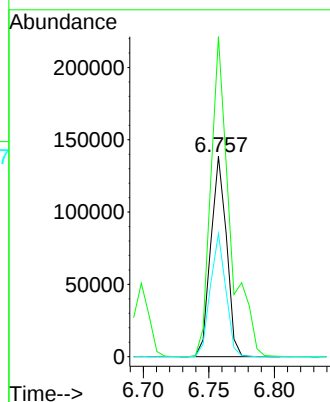
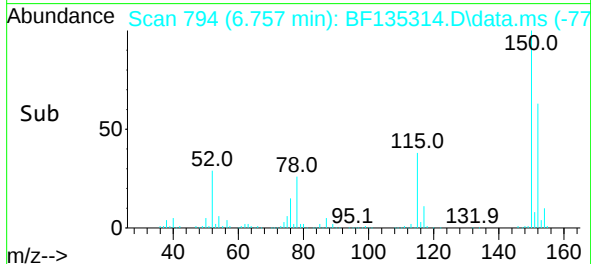
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



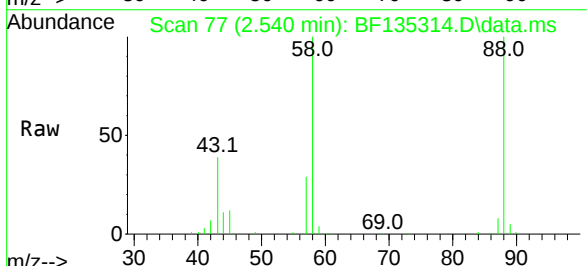
Tgt Ion:152 Resp: 115738
Ion Ratio Lower Upper
152 100
150 159.8 127.8 191.6
115 61.5 49.8 74.8

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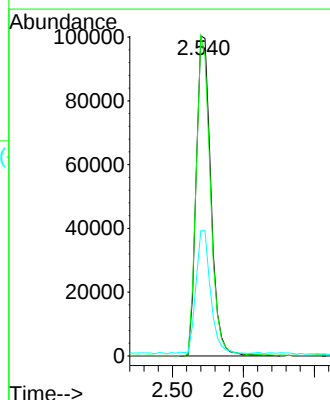
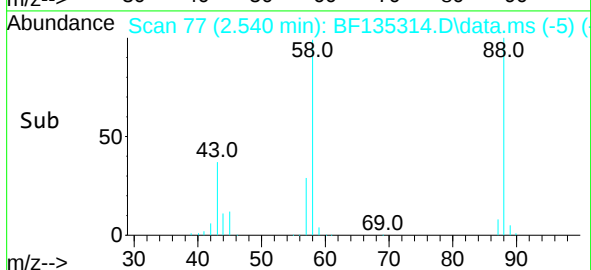
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 46.229 ng
RT: 2.540 min Scan# 77
Delta R.T. 0.071 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



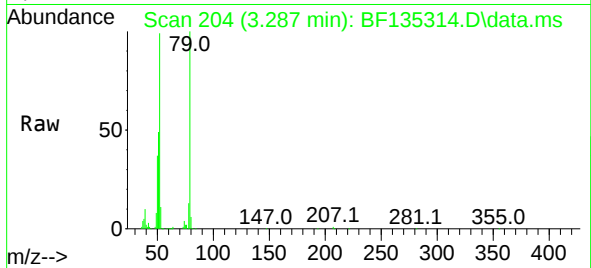
Tgt Ion: 88 Resp: 144207
Ion Ratio Lower Upper
88 100
58 97.8 78.3 117.5
43 38.3 29.4 44.0





#3
Pyridine
Concen: 42.145 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

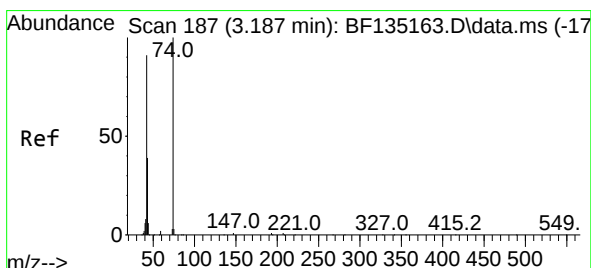
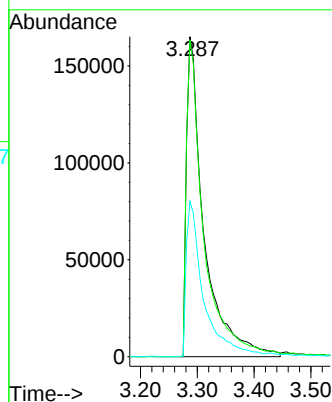
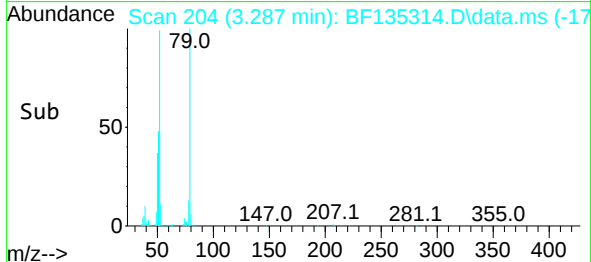
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



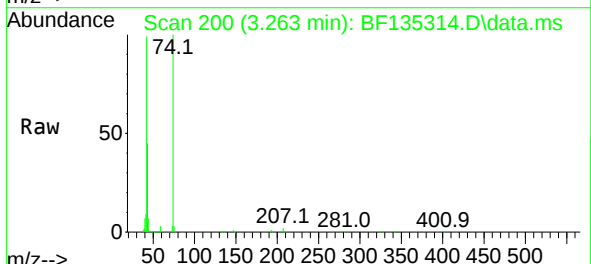
Tgt Ion: 79 Resp: 353829
Ion Ratio Lower Upper
79 100
52 98.8 74.1 111.1
51 48.5 35.8 53.8

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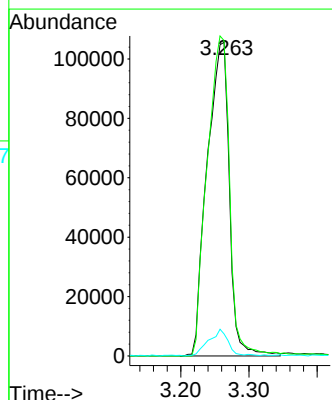
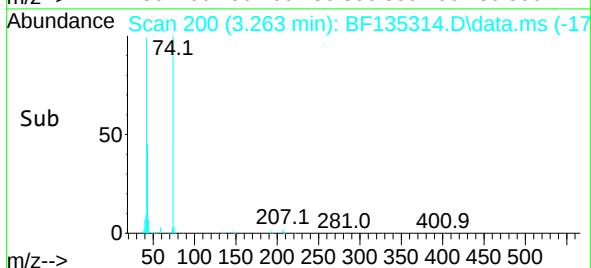
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#4
n-Nitrosodimethylamine
Concen: 53.826 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



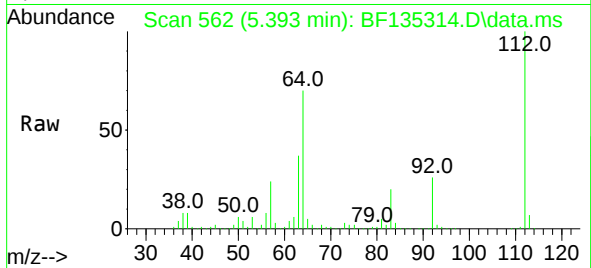
Tgt Ion: 42 Resp: 239806
Ion Ratio Lower Upper
42 100
74 100.6 87.7 131.5
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 76.937 ng
RT: 5.393 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

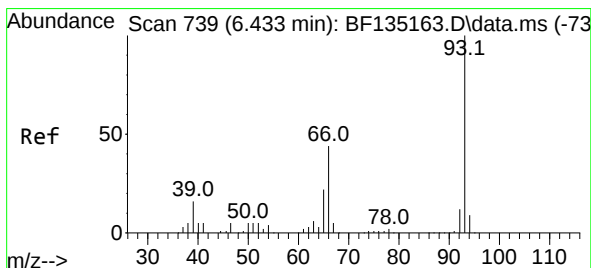
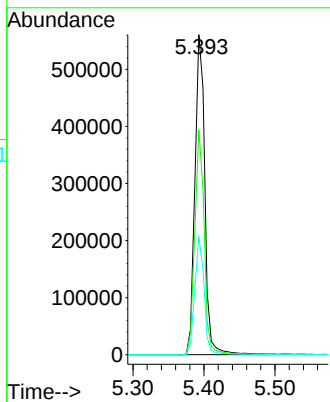
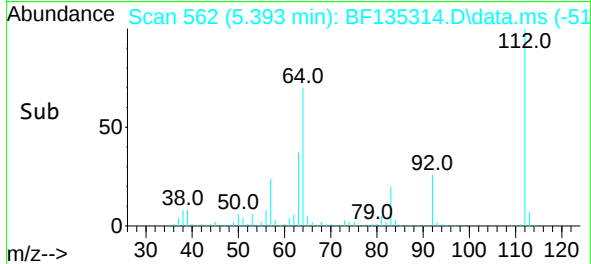
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:112 Resp: 547468
Ion Ratio Lower Upper
112 100
64 70.1 55.9 83.9
63 36.8 29.0 43.6

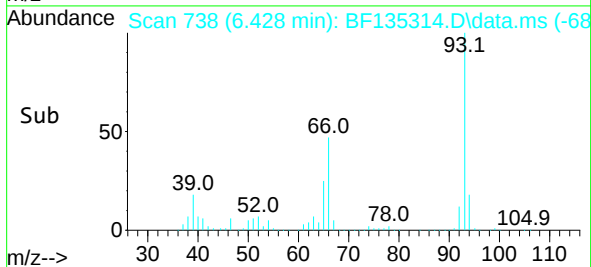
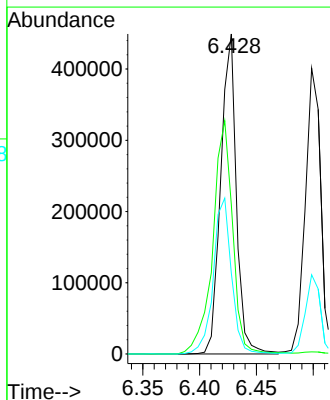
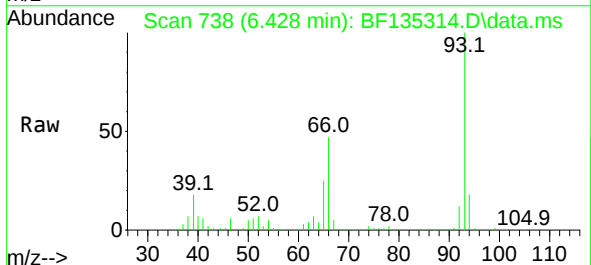
Manual Integrations
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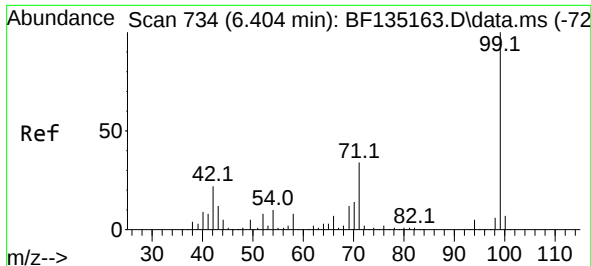
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 36.333 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 93 Resp: 431100
Ion Ratio Lower Upper
93 100
66 46.7 35.4 53.0
65 25.2 17.8 26.8





#7

Phenol-d6

Concen: 76.426 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135314.D

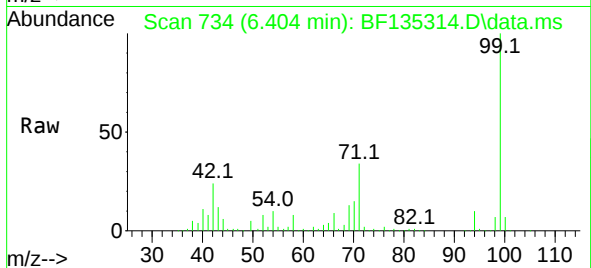
Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



Tgt Ion: 99 Resp: 691510

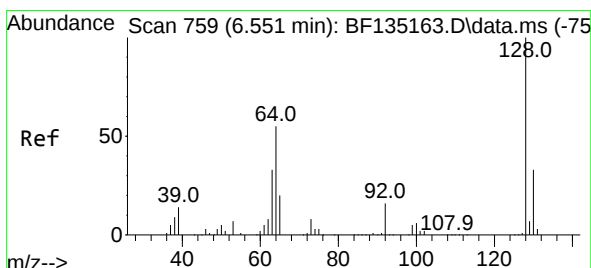
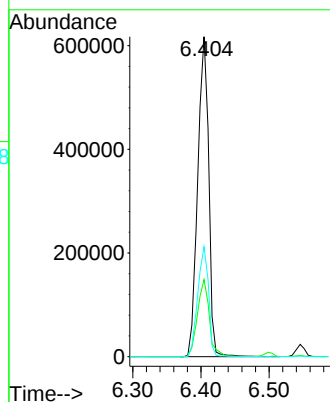
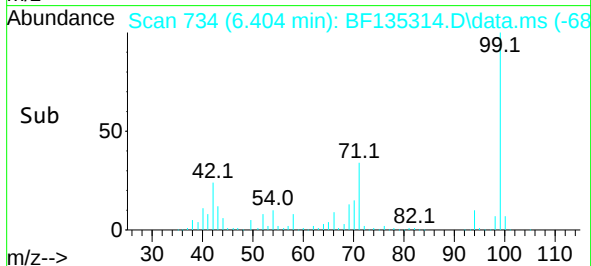
Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.9	26.9
71	34.3	27.0	40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2023



#8

2-Chlorophenol

Concen: 51.838 ng

RT: 6.546 min Scan# 758

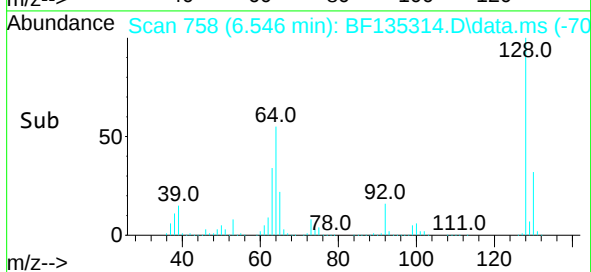
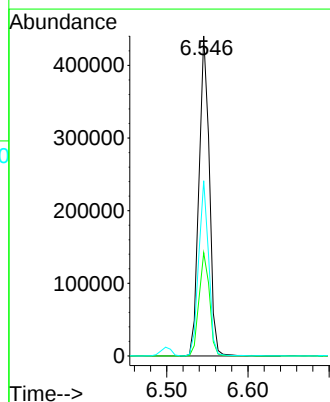
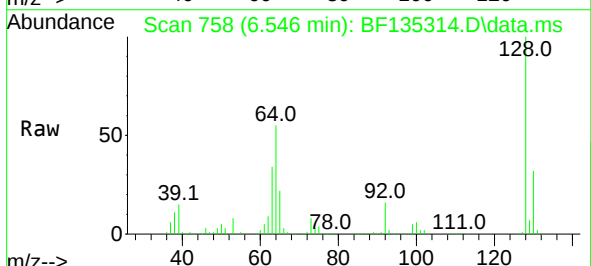
Delta R.T. -0.006 min

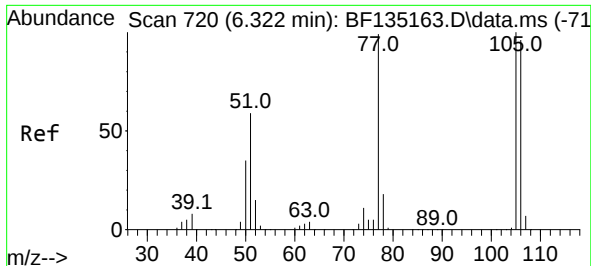
Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Tgt Ion:128 Resp: 393769

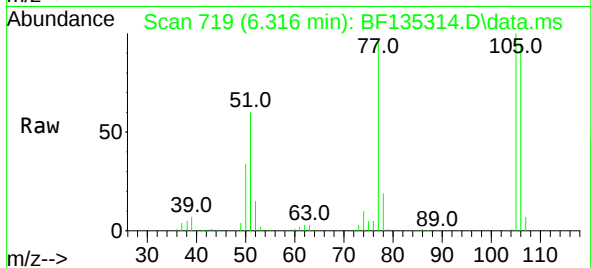
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	54.8	35.9	75.9





#9
Benzaldehyde
Concen: 32.726 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

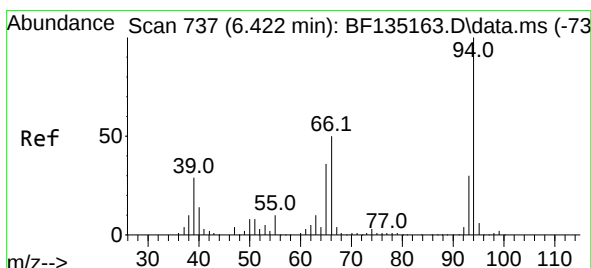
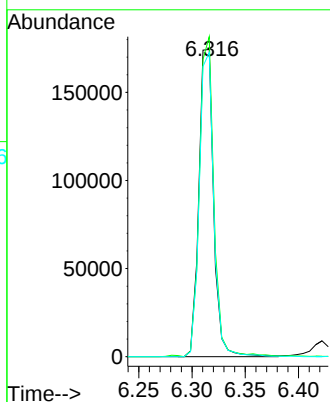
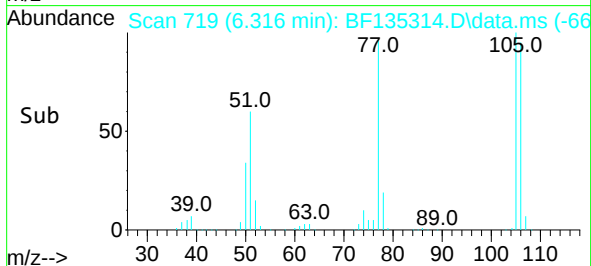
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion: 77 Resp: 16868
Ion Ratio Lower Upper
77 100
105 104.2 81.4 121.4
106 99.0 76.9 116.9

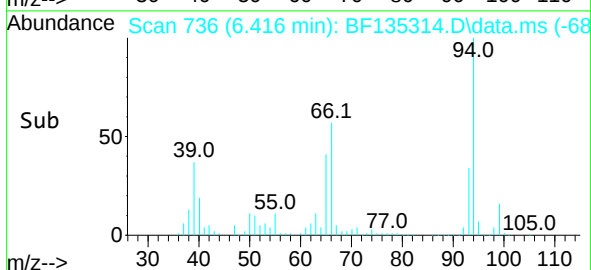
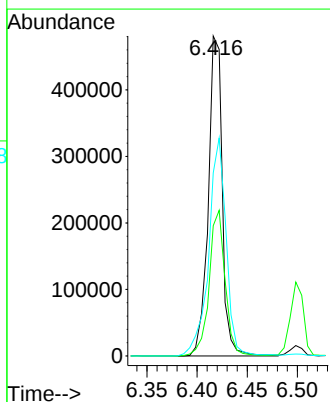
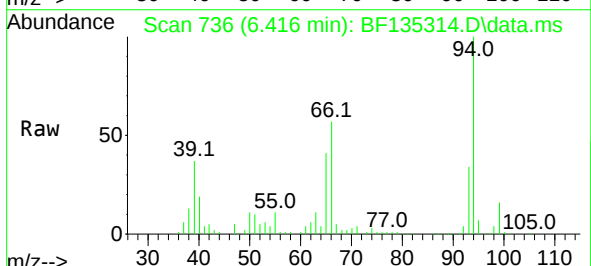
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 47.451 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion: 94 Resp: 470791
Ion Ratio Lower Upper
94 100
65 40.7 15.9 55.9
66 57.2 29.8 69.8





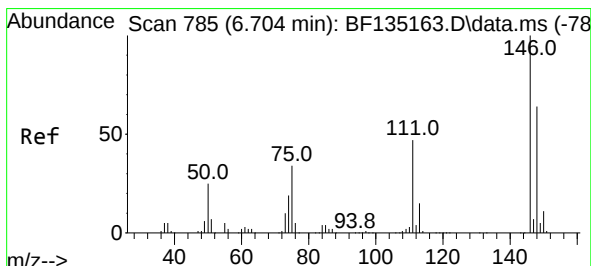
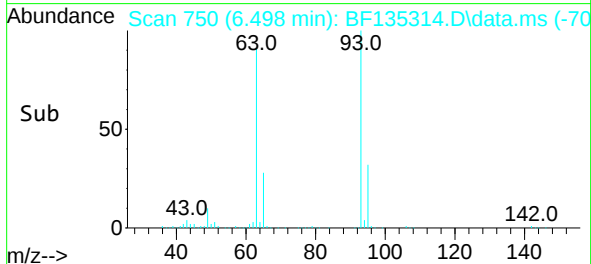
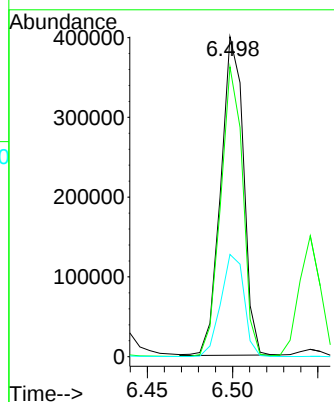
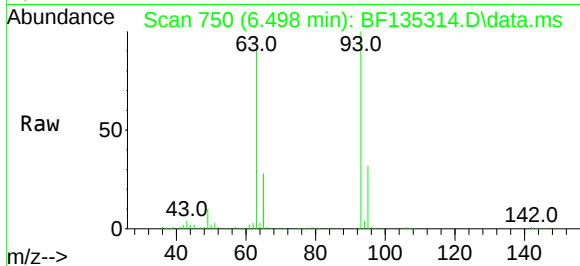
#11
bis(2-Chloroethyl)ether
Concen: 49.840 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

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

Tgt Ion: 93 Resp: 370920
Ion Ratio Lower Upper
93 100
63 90.6 67.3 107.3
95 32.0 12.7 52.7

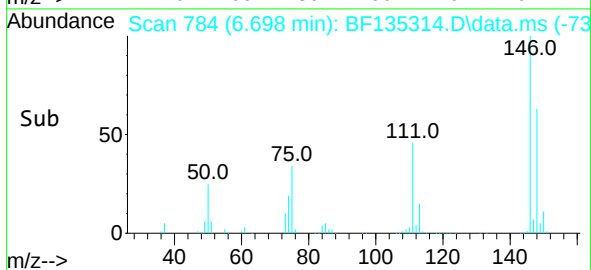
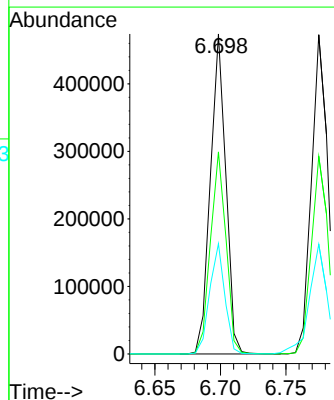
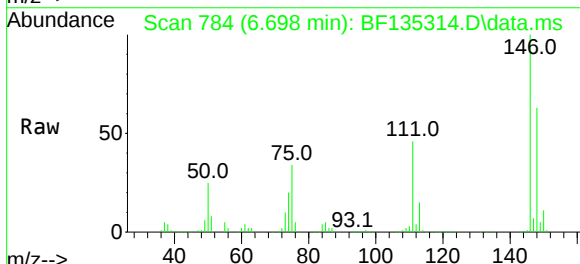
Manual Integrations
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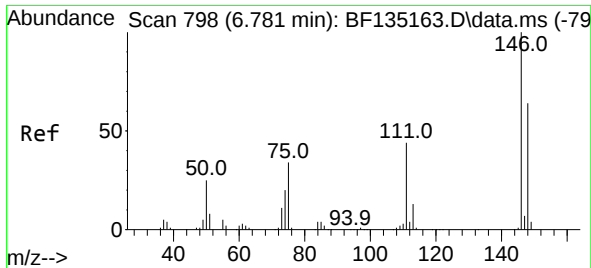
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 50.398 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:146 Resp: 389071
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.037 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion:146 Resp: 40085

Ion Ratio Lower Upper

146 100

148 61.9 51.3 76.9

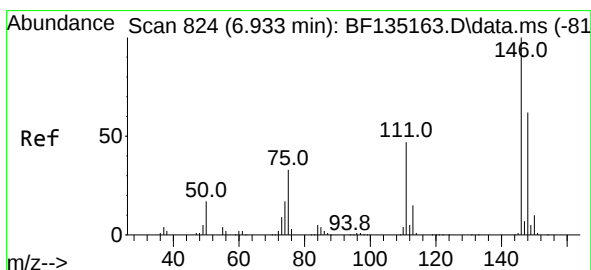
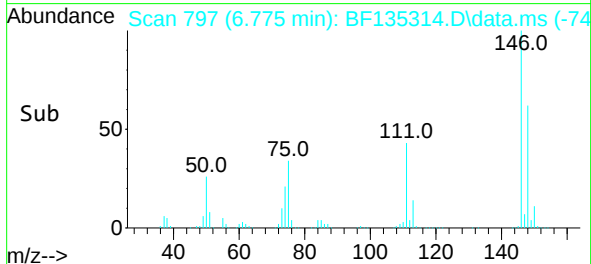
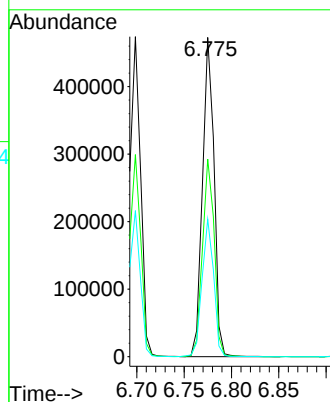
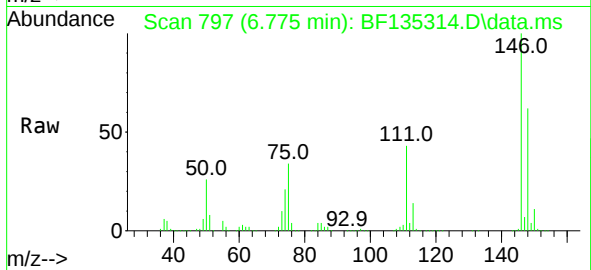
111 43.1 35.1 52.7

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#14

1,2-Dichlorobenzene

Concen: 51.539 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

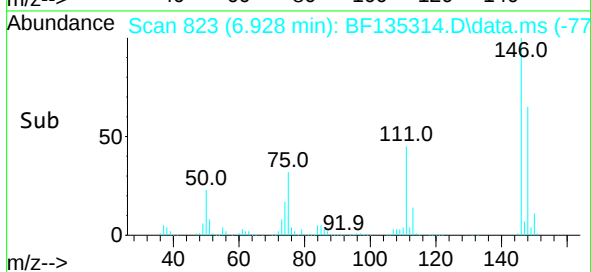
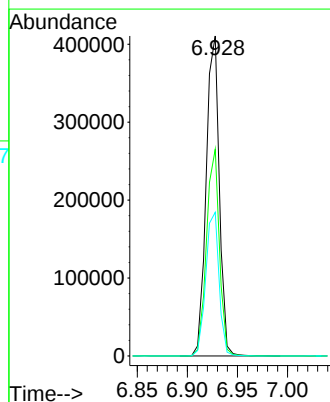
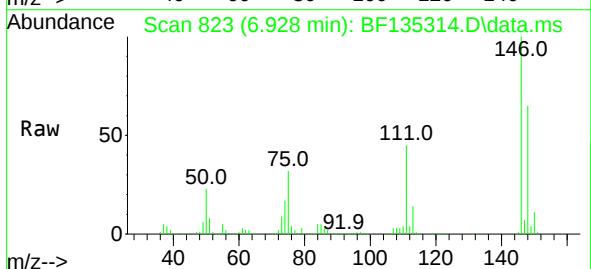
Tgt Ion:146 Resp: 375923

Ion Ratio Lower Upper

146 100

148 64.6 49.7 74.5

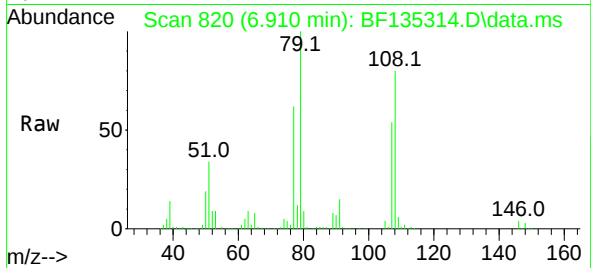
111 44.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 51.236 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

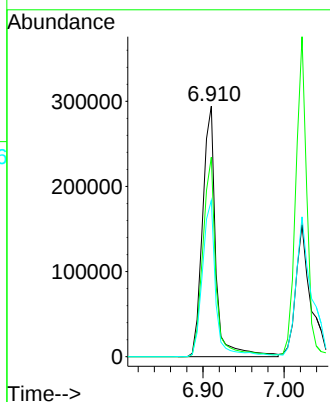
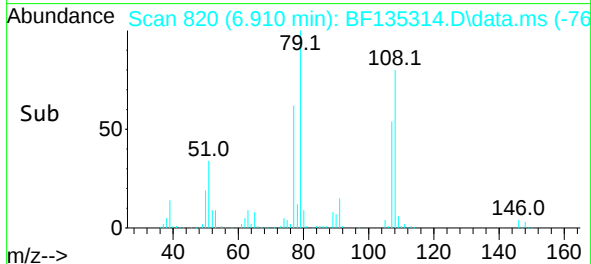
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion: 79 Resp: 33266
Ion Ratio Lower Upper
79 100
108 79.6 61.2 91.8
77 62.4 50.5 75.7

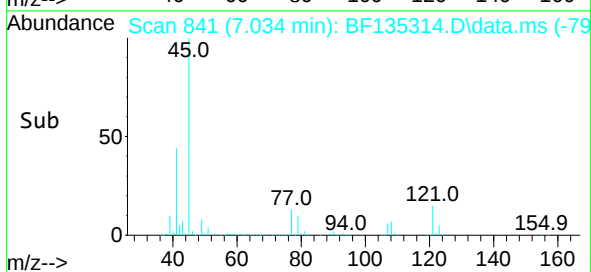
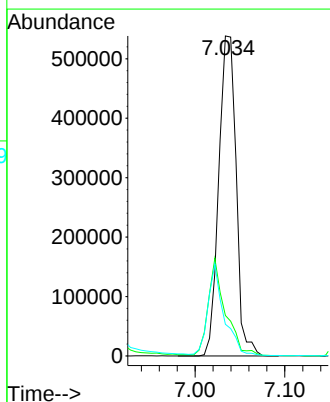
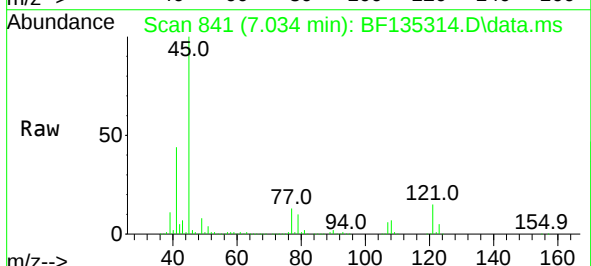
Manual Integrations
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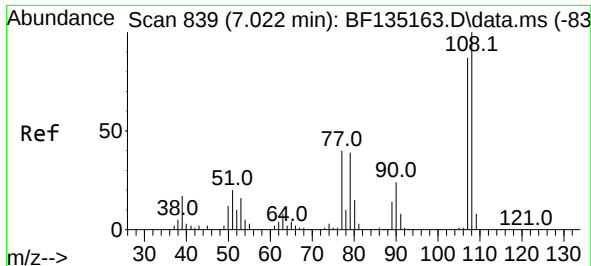
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.628 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

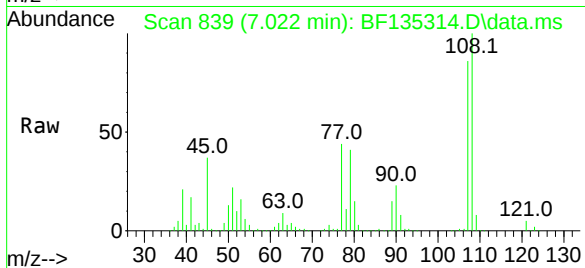
Tgt Ion: 45 Resp: 724253
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.6
79 9.9 0.0 28.3





#17
2-Methylphenol
Concen: 45.600 ng
RT: 7.022 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

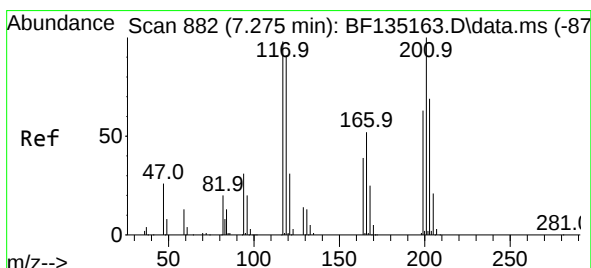
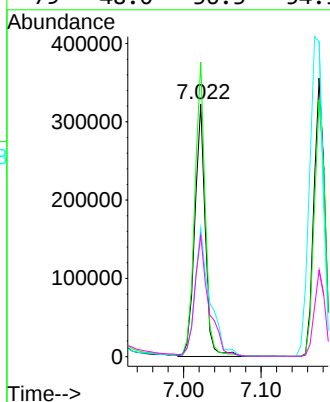
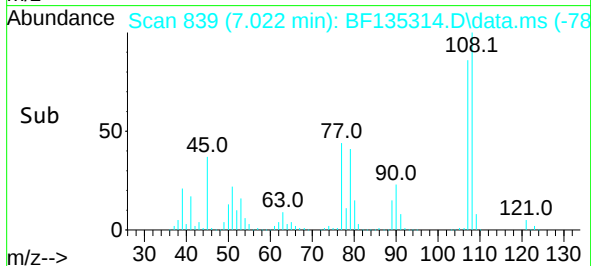
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



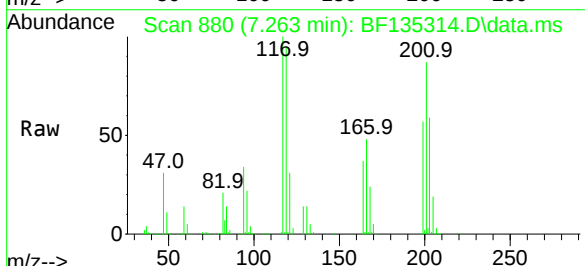
Tgt Ion:107 Resp: 305669
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 51.0 36.7 55.1
79 48.0 36.3 54.5

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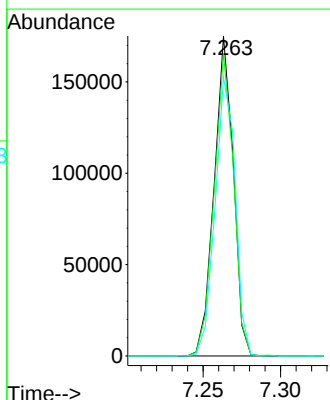
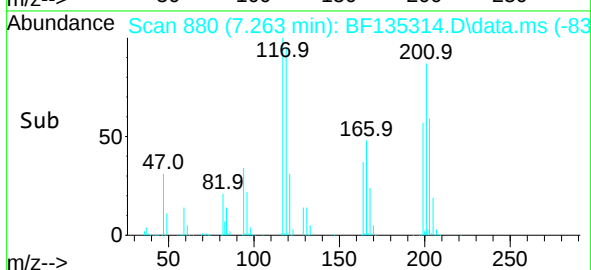
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

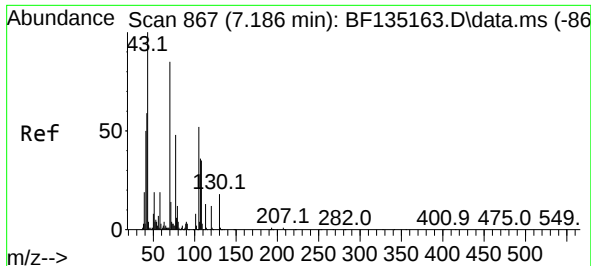


#18
Hexachloroethane
Concen: 51.948 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



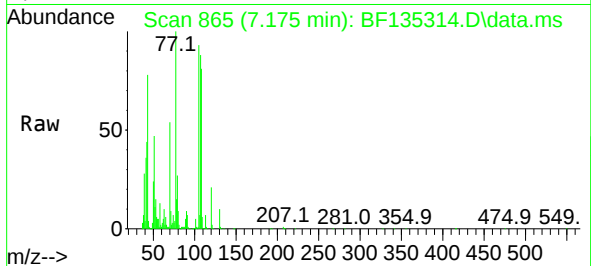
Tgt Ion:117 Resp: 150756
Ion Ratio Lower Upper
117 100
119 94.7 74.7 112.1
201 87.1 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.107 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

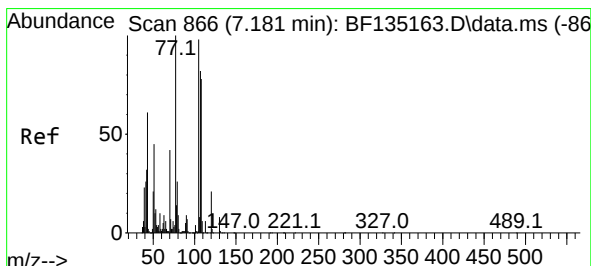
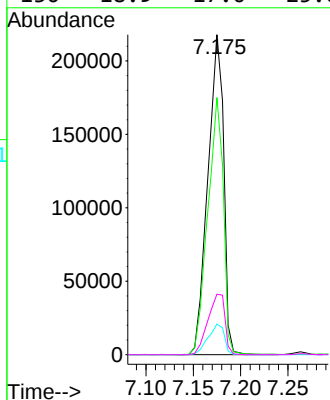
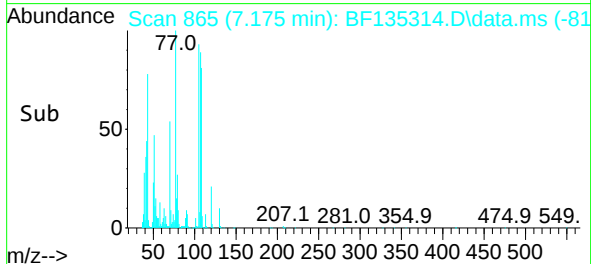
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



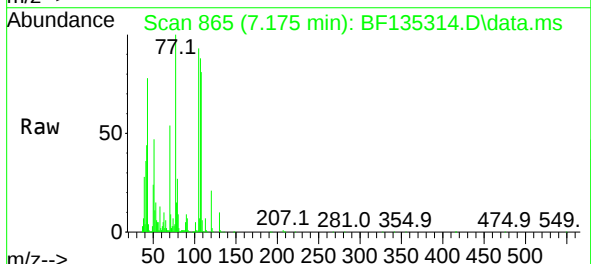
Tgt Ion: 70 Resp: 252799
Ion Ratio Lower Upper
70 100
42 80.4 55.4 83.0
101 9.6 7.7 11.5
130 18.9 17.0 25.6

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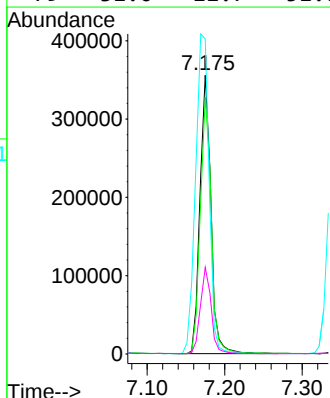
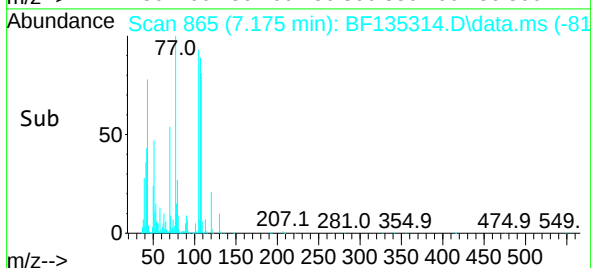
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

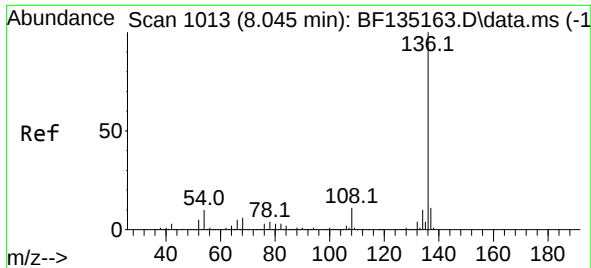


#20
3+4-Methylphenols
Concen: 43.413 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



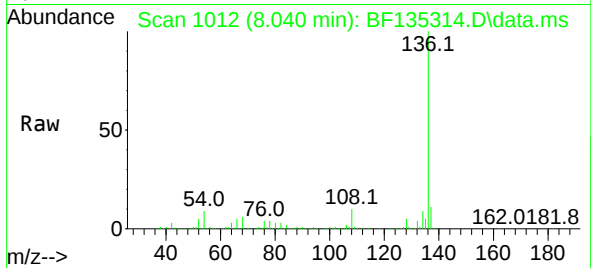
Tgt Ion:107 Resp: 349928
Ion Ratio Lower Upper
107 100
108 92.1 74.7 114.7
77 113.0 102.0 142.0
79 31.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

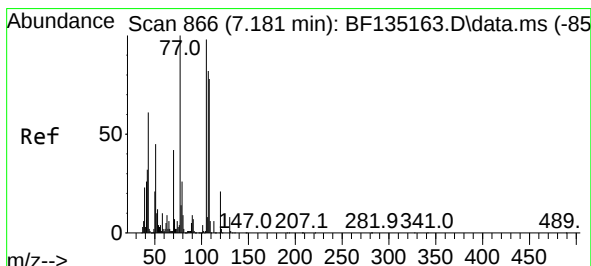
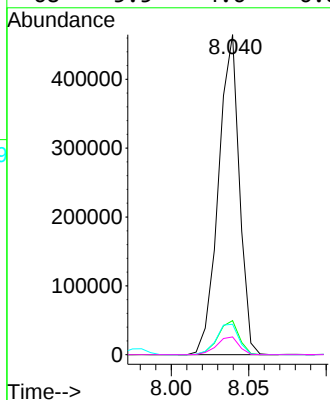
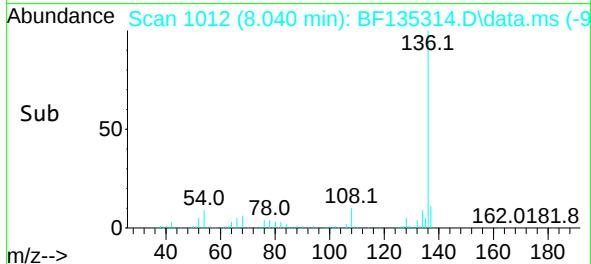
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:136 Resp: 435462
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.7 11.5
68 5.5 4.6 6.8

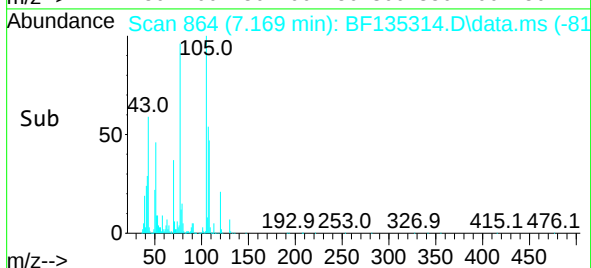
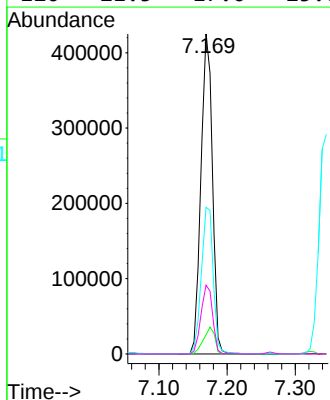
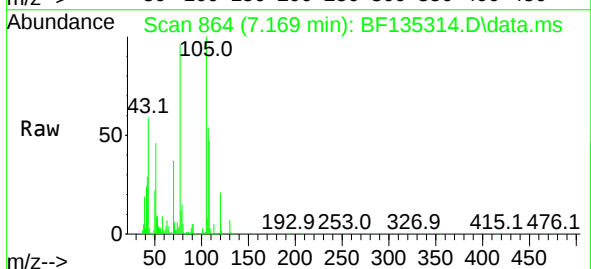
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 49.986 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:105 Resp: 497651
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 45.9 37.0 55.4
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 53.150 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.011 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion: 82 Resp: 426000

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

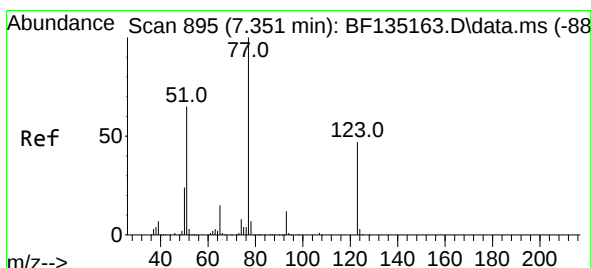
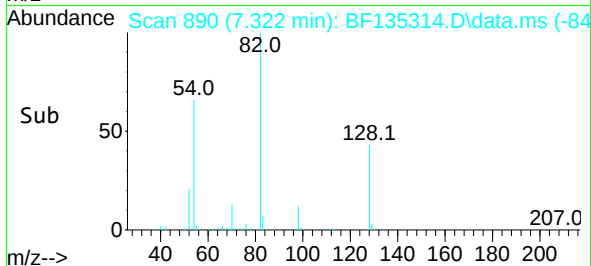
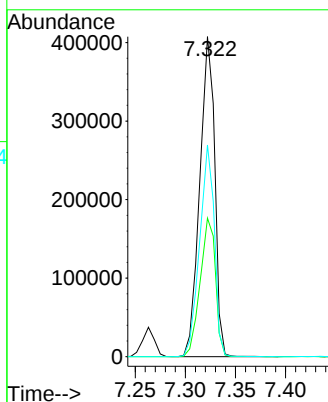
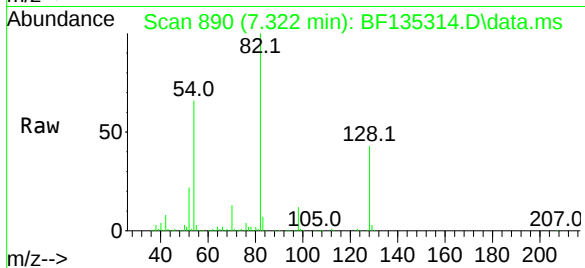
54 66.1 50.6 76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 51.529 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

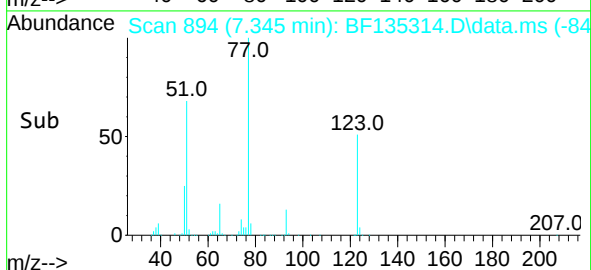
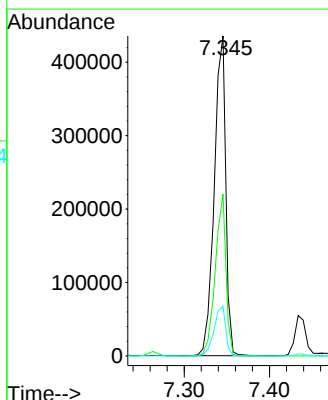
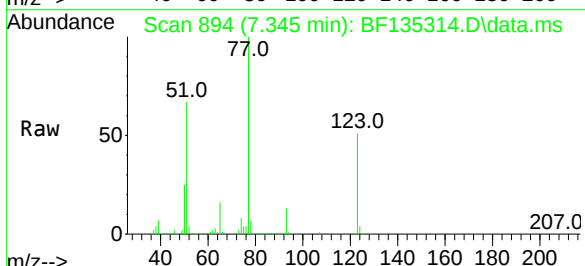
Tgt Ion: 77 Resp: 408220

Ion Ratio Lower Upper

77 100

123 50.6 37.6 56.4

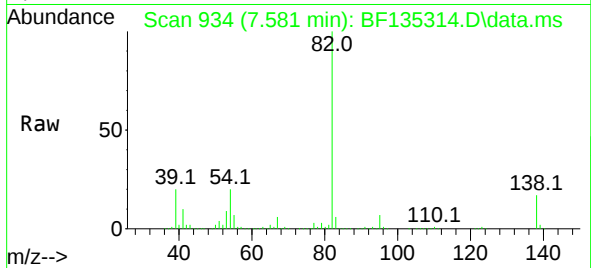
65 15.6 12.2 18.4





#25
Isophorone
Concen: 51.494 ng
RT: 7.581 min Scan# 911
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

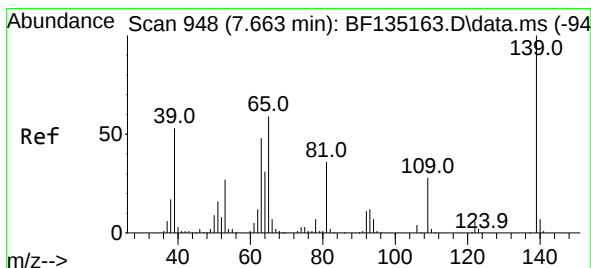
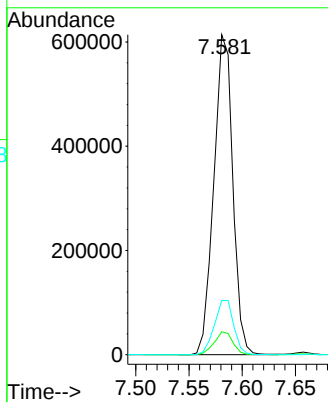
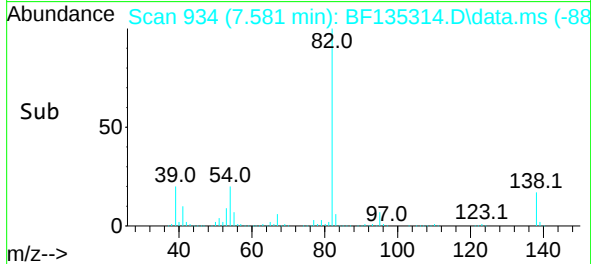
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



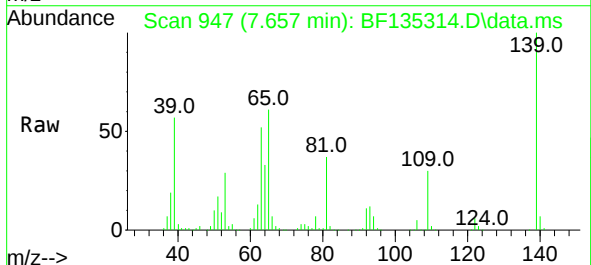
Tgt Ion: 82 Resp: 75788
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.9 14.5 21.7

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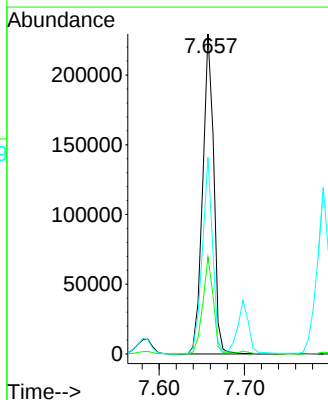
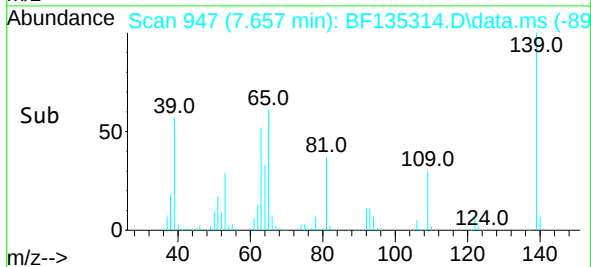
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 54.387 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



Tgt Ion:139 Resp: 206793
Ion Ratio Lower Upper
139 100
109 30.3 22.6 33.8
65 61.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.038 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135314.D

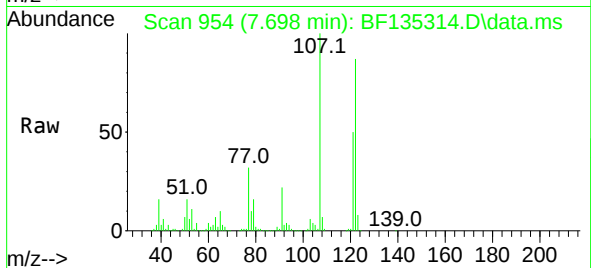
Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



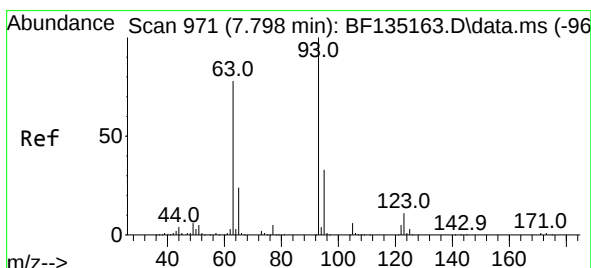
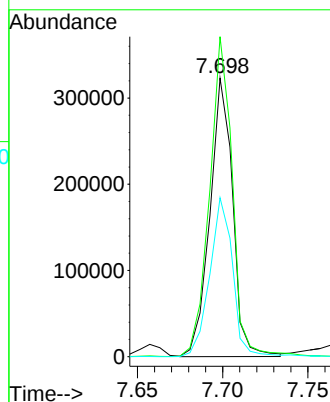
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.9	90.2	135.4
121	57.1	46.3	69.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 52.546 ng

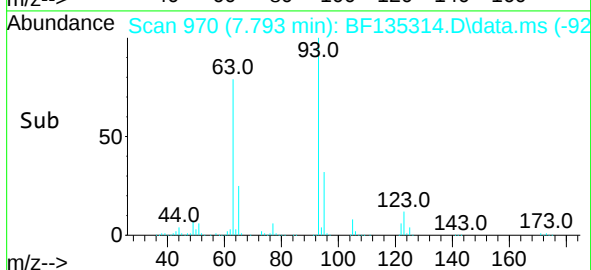
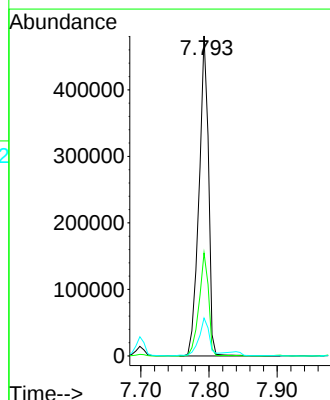
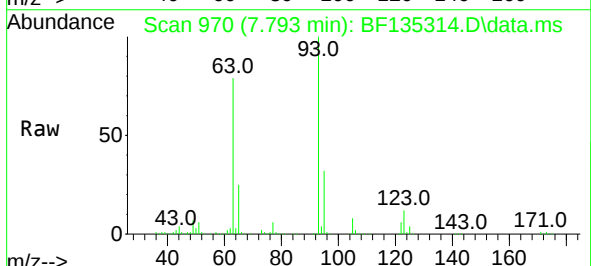
RT: 7.793 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

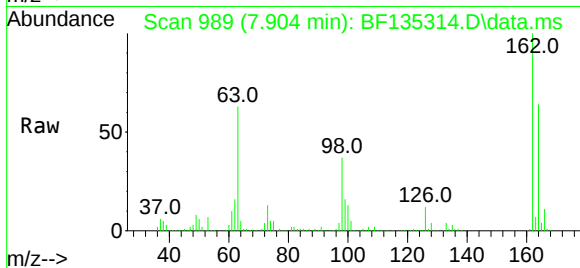
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	11.8	8.8	13.2





#29
2,4-Dichlorophenol
Concen: 51.807 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

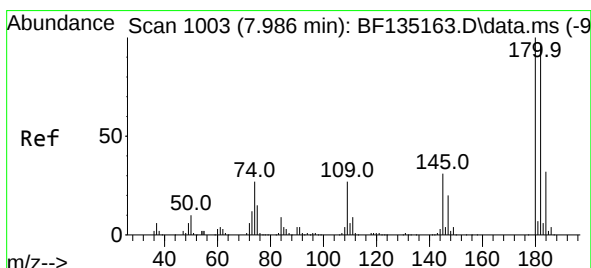
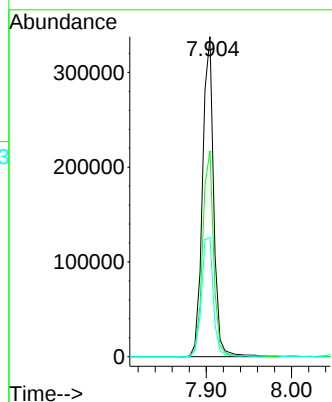
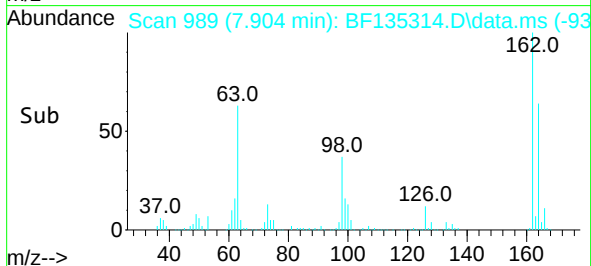
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



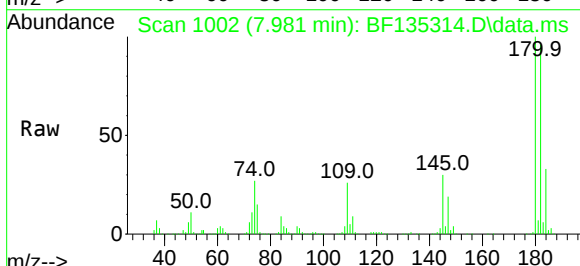
Tgt Ion:162 Resp: 306800
Ion Ratio Lower Upper
162 100
164 64.3 44.1 84.1
98 37.3 20.3 60.3

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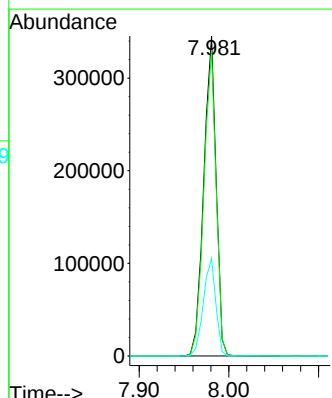
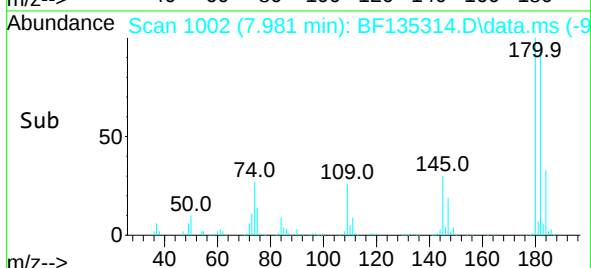
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

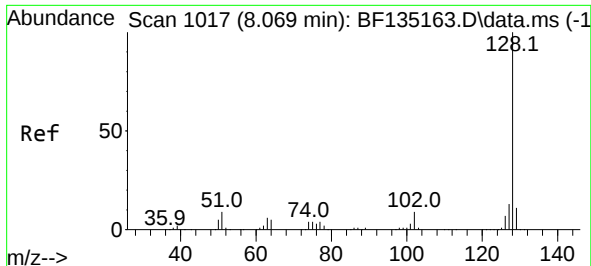


#30
1,2,4-Trichlorobenzene
Concen: 53.287 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



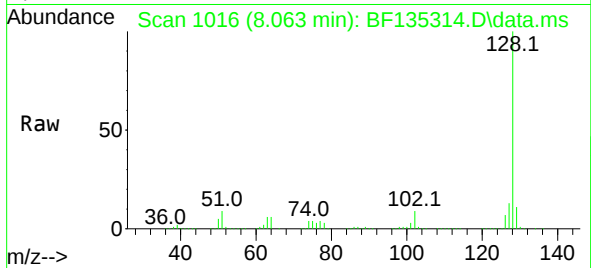
Tgt Ion:180 Resp: 329842
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 30.4 24.5 36.7





#31
Naphthalene
Concen: 50.703 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

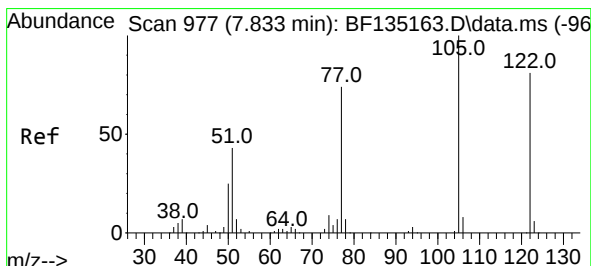
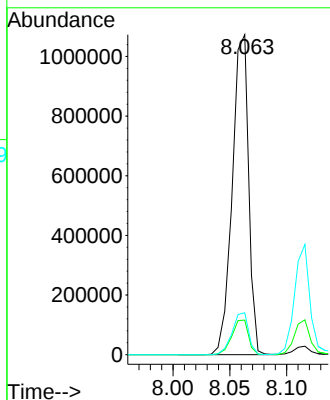
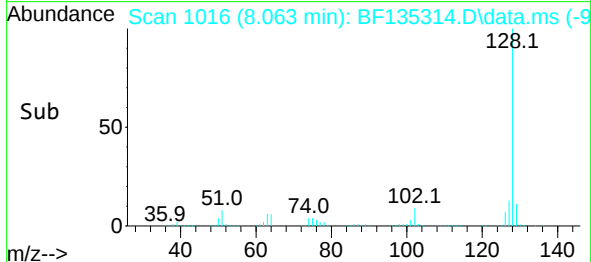
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:128 Resp: 107275
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1

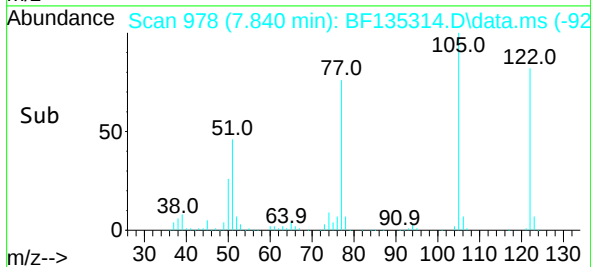
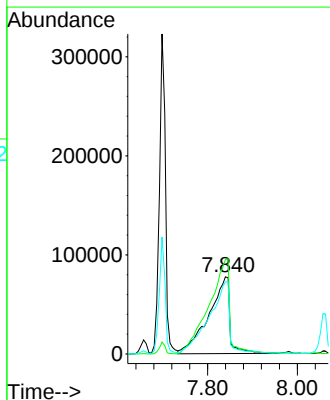
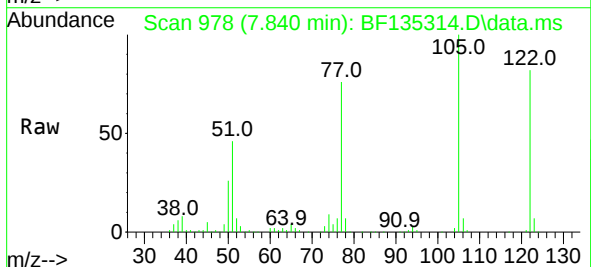
Manual Integrations
APPROVED

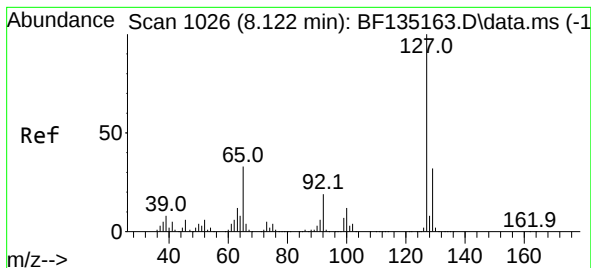
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 52.820 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:122 Resp: 254201
Ion Ratio Lower Upper
122 100
105 122.6 99.9 139.9
77 93.4 70.0 110.0





#33

4-Chloroaniline

Concen: 39.037 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

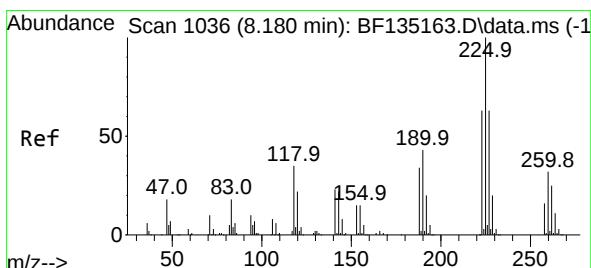
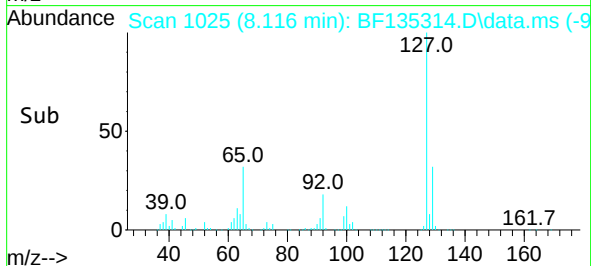
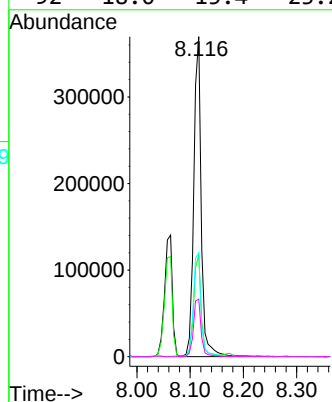
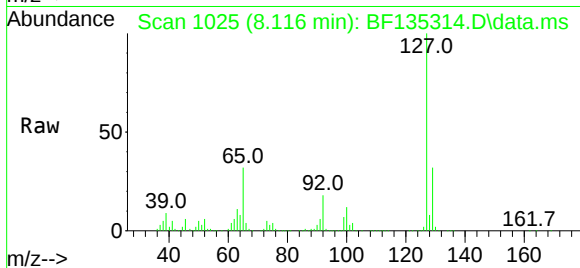
Tgt Ion:	127	Resp:	36237
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.8	38.8
65	32.5	26.6	39.8
92	18.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#34

Hexachlorobutadiene

Concen: 51.878 ng

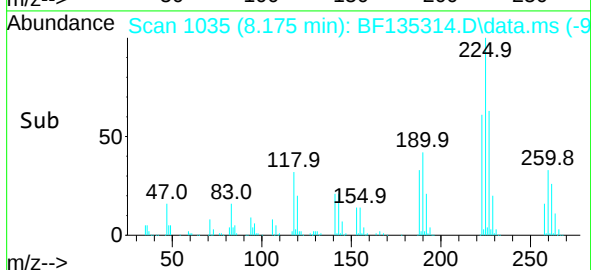
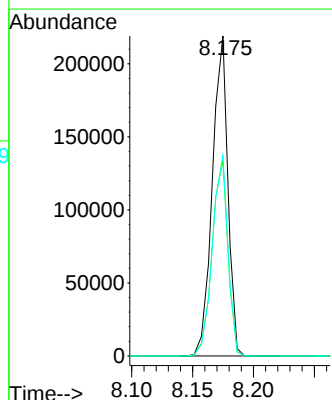
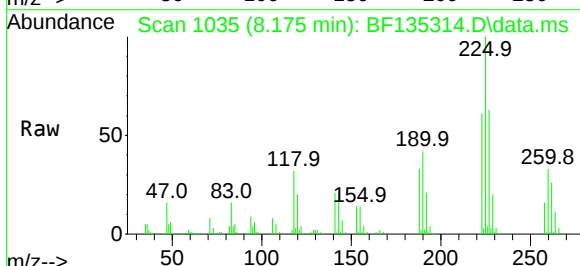
RT: 8.175 min Scan# 1035

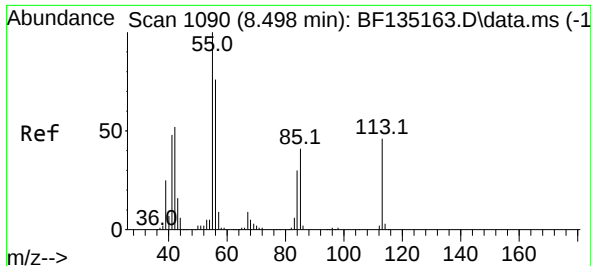
Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

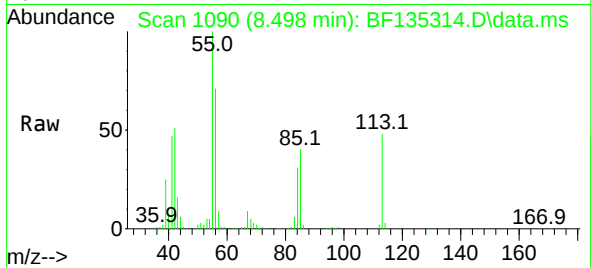
Tgt Ion:	225	Resp:	193632
Ion Ratio	Lower	Upper	
225	100		
223	61.0	50.6	75.8
227	62.8	50.8	76.2





#35
Caprolactam
Concen: 54.334 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

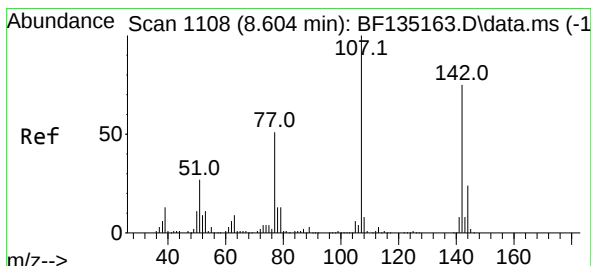
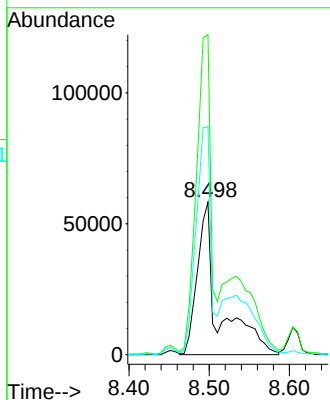
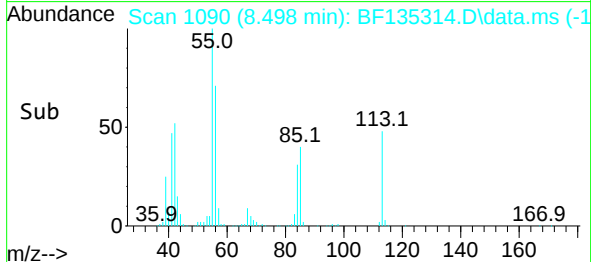
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:113 Resp: 10799
Ion Ratio Lower Upper
113 100
55 209.8 199.3 239.3
56 149.5 146.3 186.3

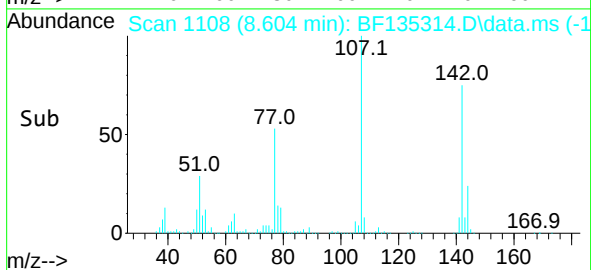
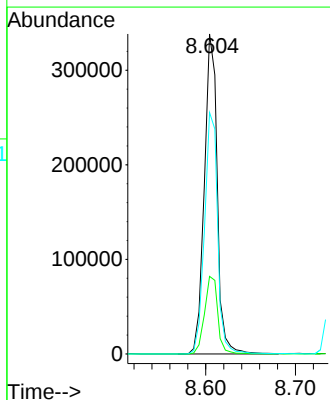
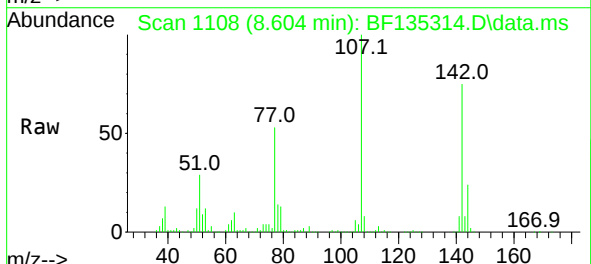
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#36
4-Chloro-3-methylphenol
Concen: 51.340 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:107 Resp: 337916
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 75.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 47.292 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion:142 Resp: 67259

Ion Ratio Lower Upper

142 100

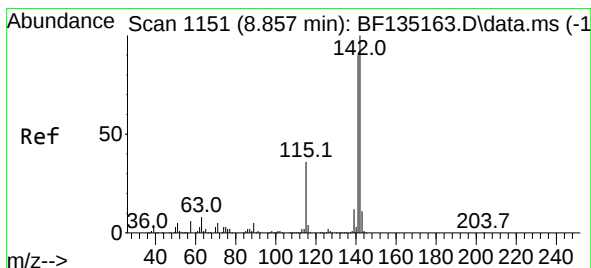
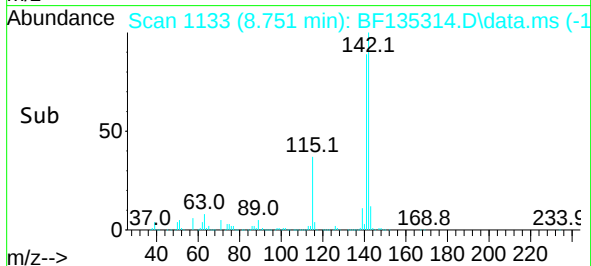
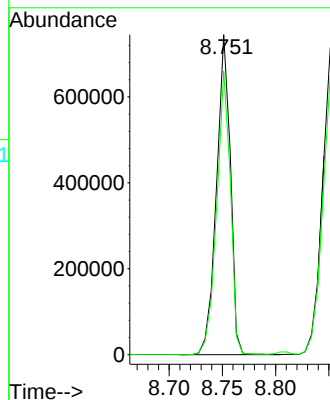
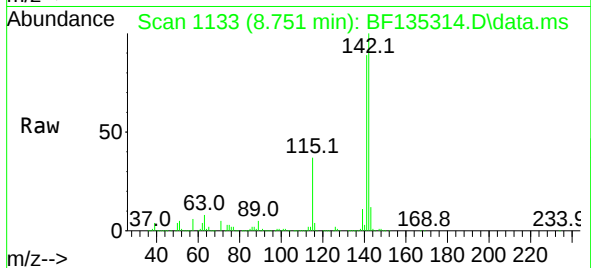
141 88.5 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#38

1-Methylnaphthalene

Concen: 48.825 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135314.D

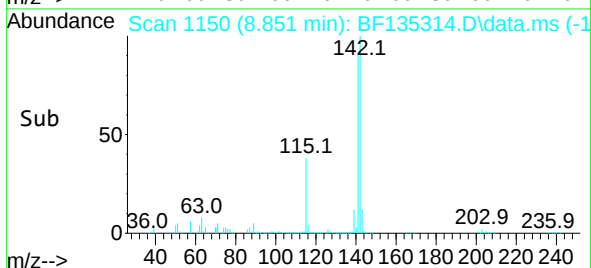
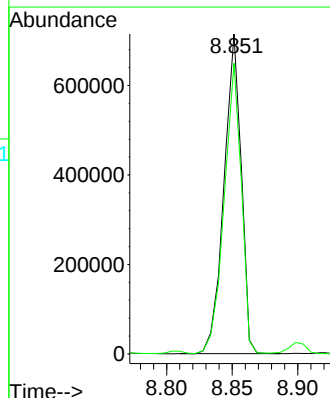
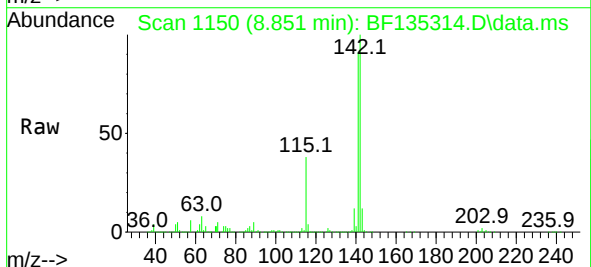
Acq: 18 Sep 2023 19:13

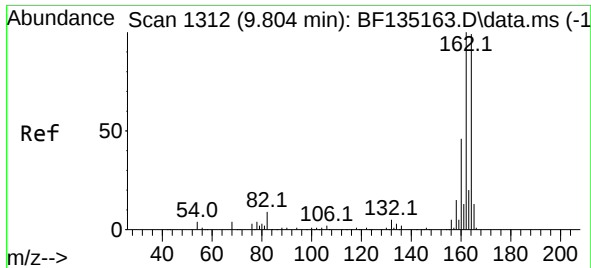
Tgt Ion:142 Resp: 650125

Ion Ratio Lower Upper

142 100

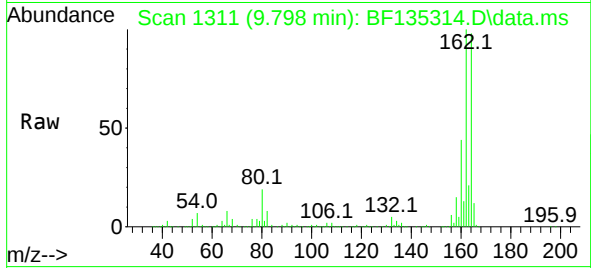
141 90.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

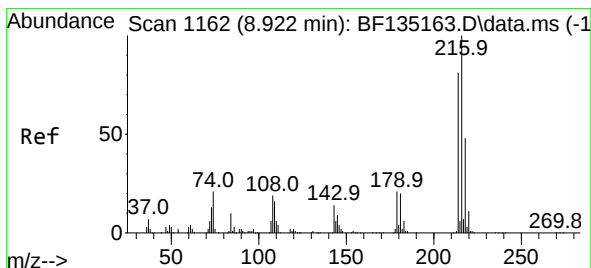
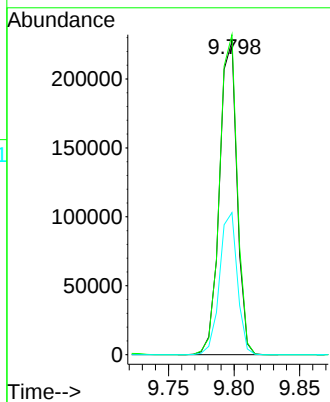
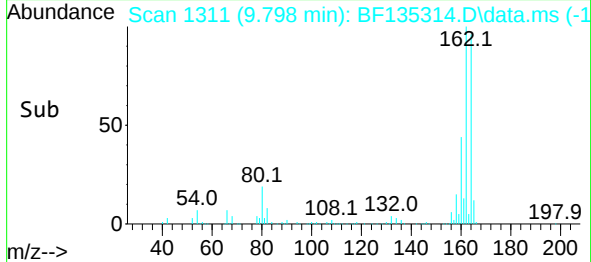
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



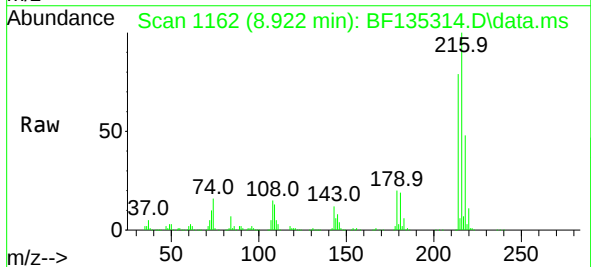
Tgt Ion:164 Resp: 21148
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.3 37.0 55.4

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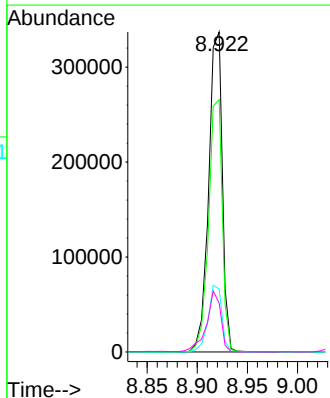
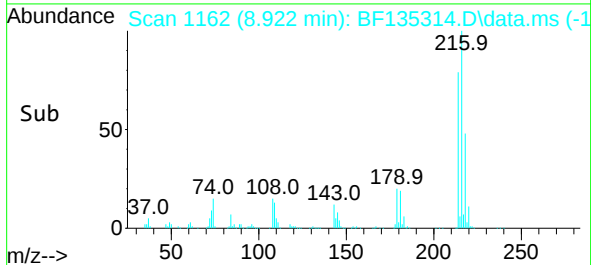
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.330 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



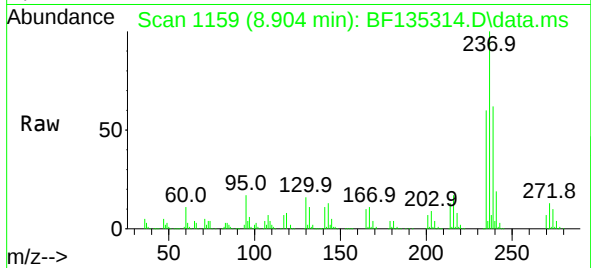
Tgt Ion:216 Resp: 320621
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 20.8 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 71.304 ng
RT: 8.904 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

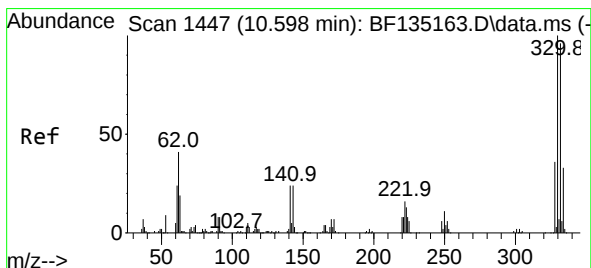
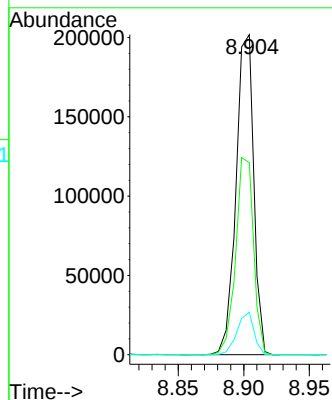
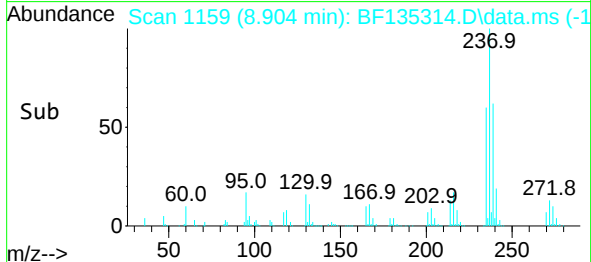
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



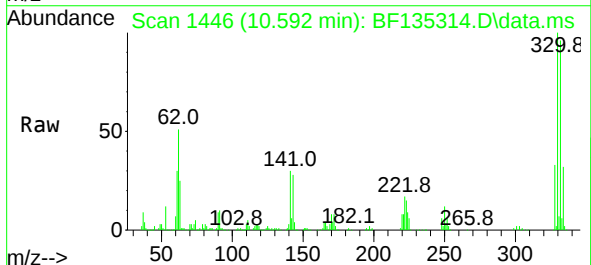
Tgt Ion:237 Resp: 19011
Ion Ratio Lower Upper
237 100
235 60.0 41.8 81.8
272 13.3 0.0 33.6

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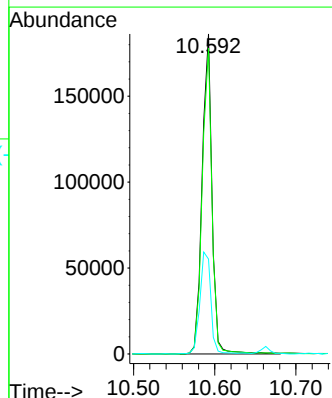
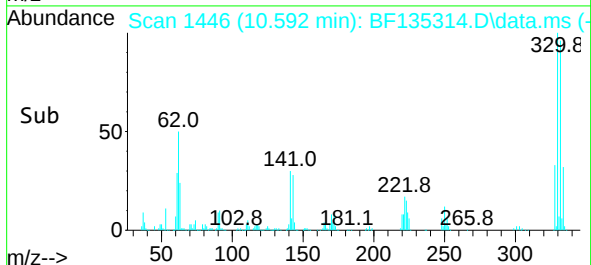
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

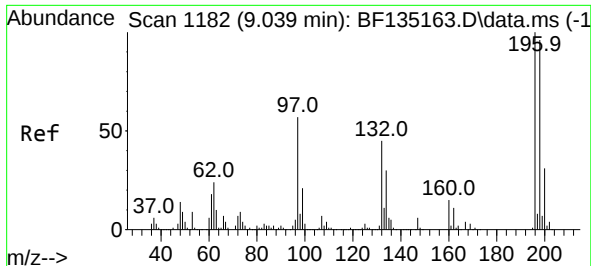


#42
2,4,6-Tribromophenol
Concen: 74.956 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



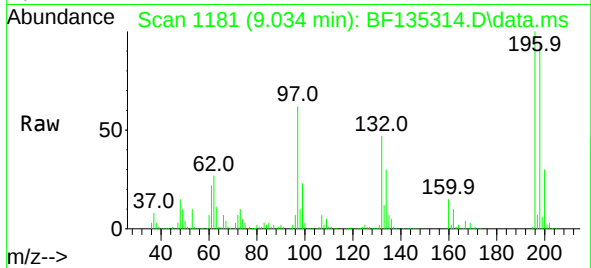
Tgt Ion:330 Resp: 157533
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 35.5 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 53.832 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

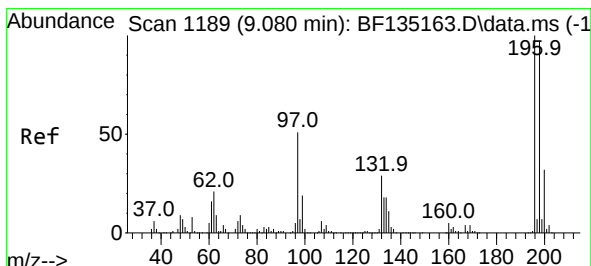
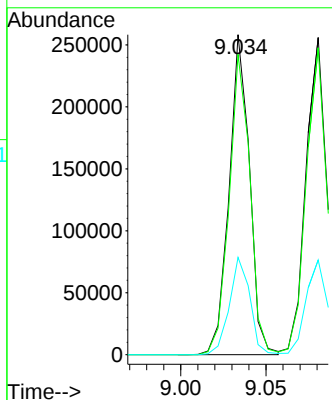
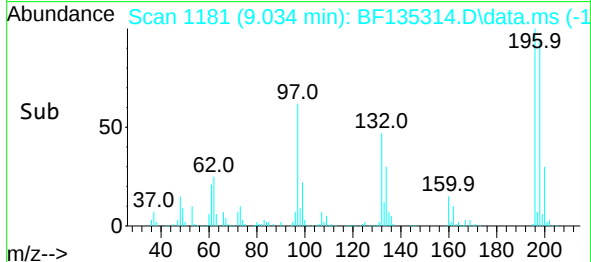
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



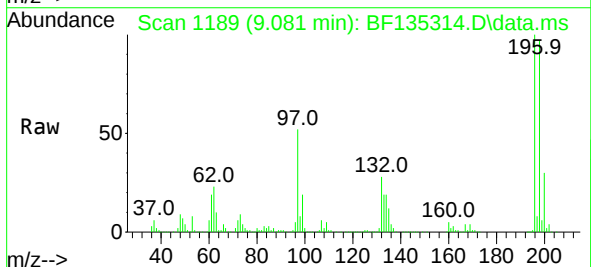
Tgt Ion:196 Resp: 215950
Ion Ratio Lower Upper
196 100
198 93.9 77.0 115.6
200 30.4 24.5 36.7

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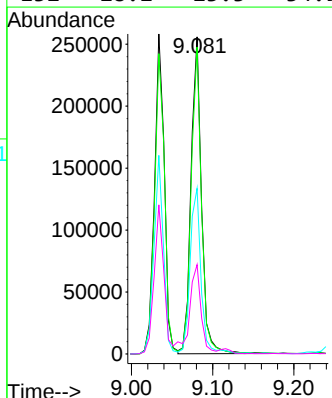
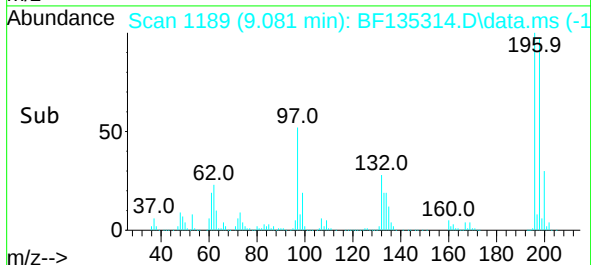
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

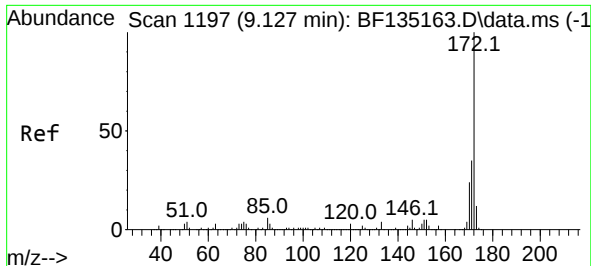


#44
2,4,5-Trichlorophenol
Concen: 49.896 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



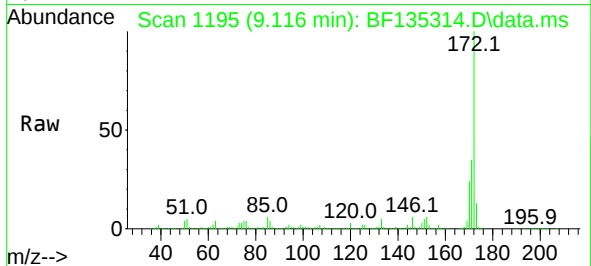
Tgt Ion:196 Resp: 230508
Ion Ratio Lower Upper
196 100
198 96.8 77.5 116.3
97 52.2 40.5 60.7
132 28.2 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 54.056 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

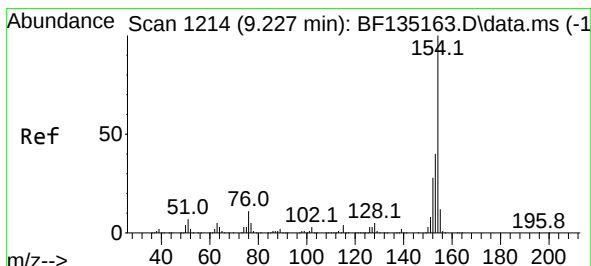
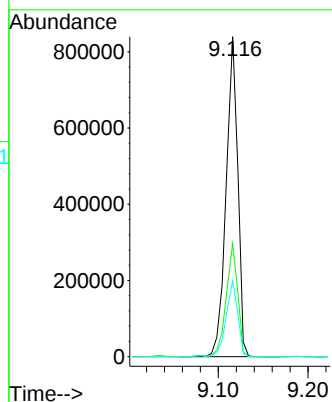
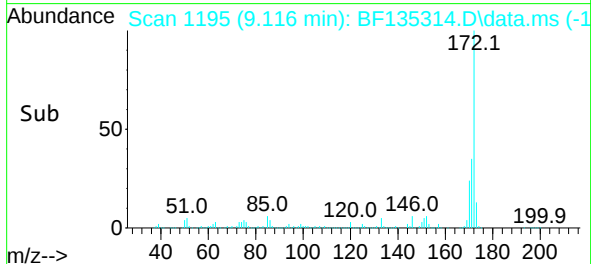
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



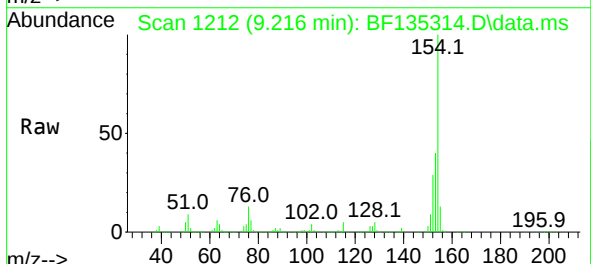
Tgt Ion:172 Resp: 75773
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 19.0 28.4

Manual Integrations
APPROVED

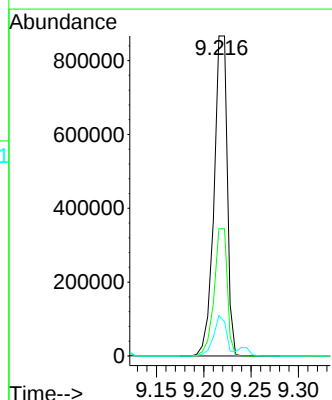
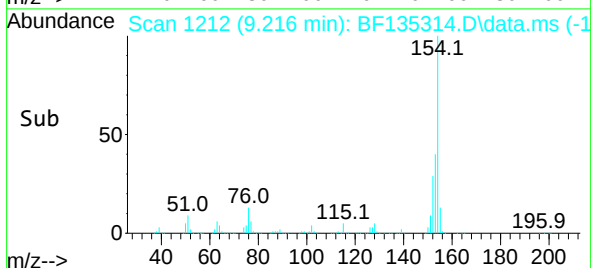
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#46
1,1'-Biphenyl
Concen: 51.757 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.011 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



Tgt Ion:154 Resp: 841182
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 12.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 53.774 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion:162 Resp: 634114

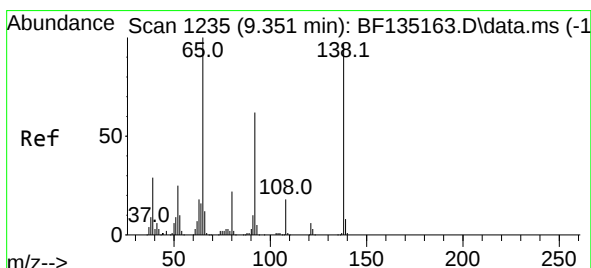
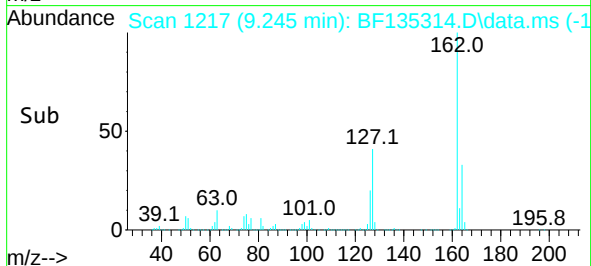
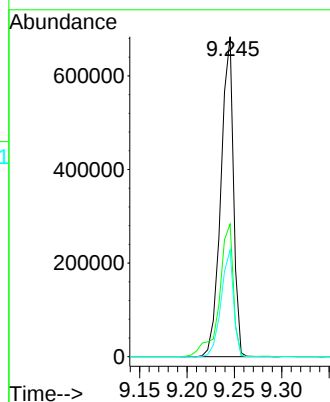
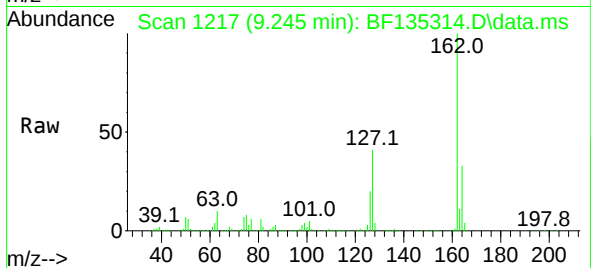
Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	33.4	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 53.928 ng

RT: 9.345 min Scan# 1234

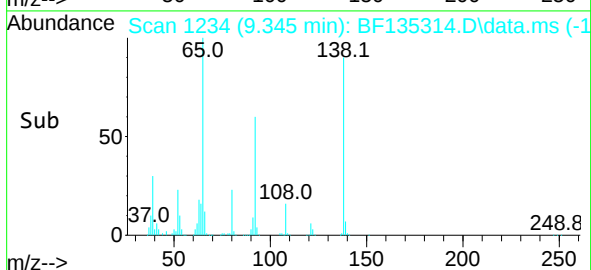
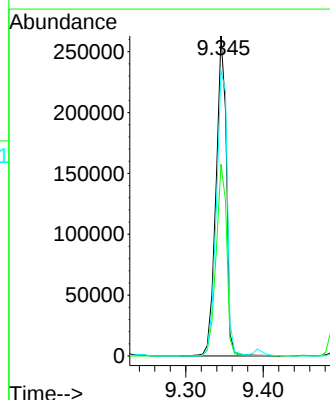
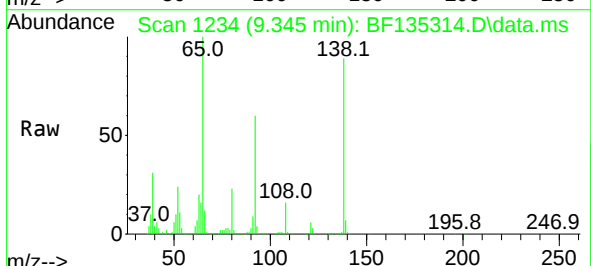
Delta R.T. -0.006 min

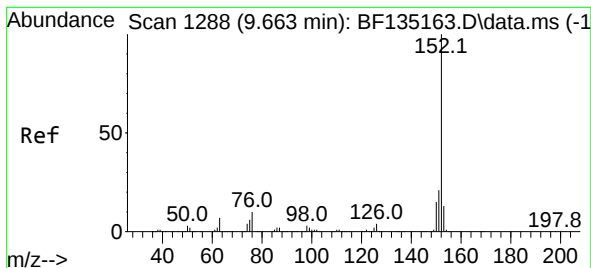
Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Tgt Ion: 65 Resp: 247055

Ion	Ratio	Lower	Upper
65	100		
92	59.9	49.4	74.0
138	89.0	77.4	116.0





#49

Acenaphthylene

Concen: 52.770 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135314.D

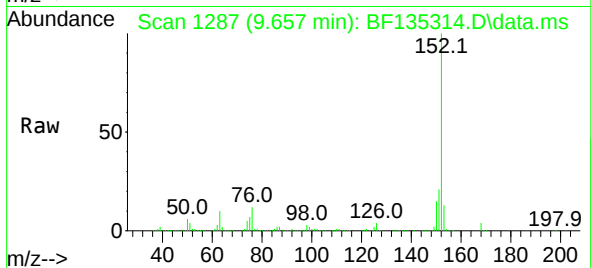
Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



Tgt Ion:152 Resp: 103416

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

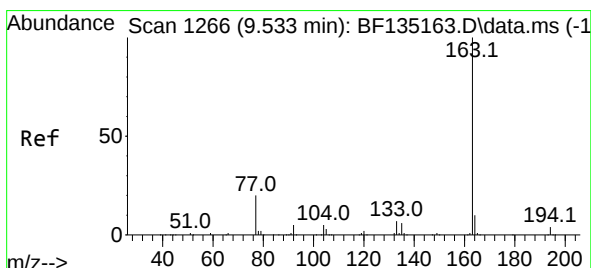
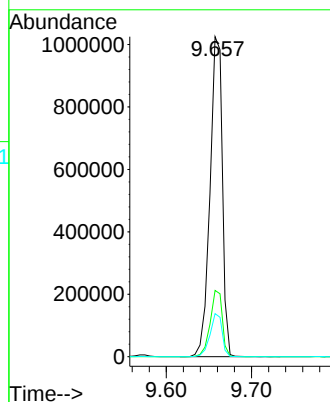
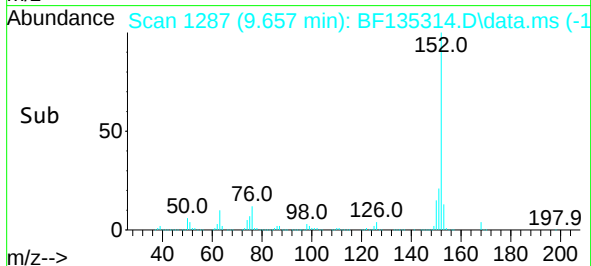
153 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#50

Dimethylphthalate

Concen: 52.926 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

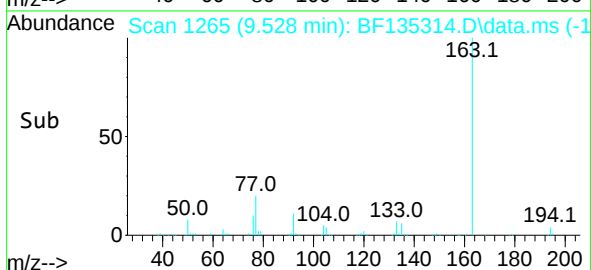
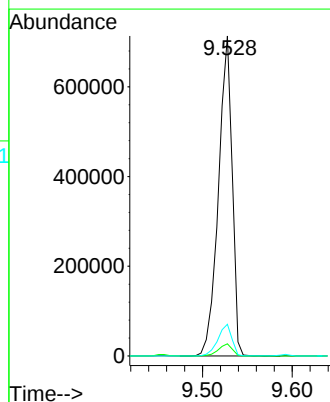
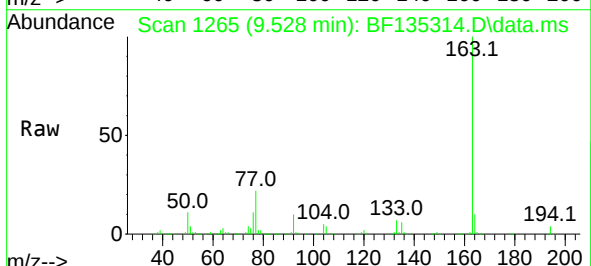
Tgt Ion:163 Resp: 756769

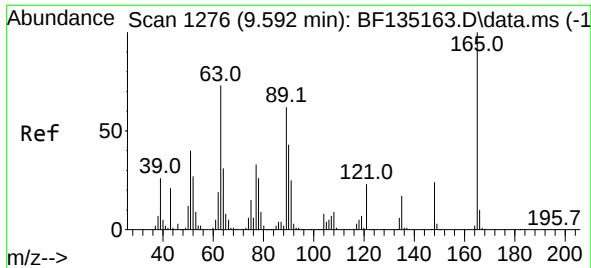
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

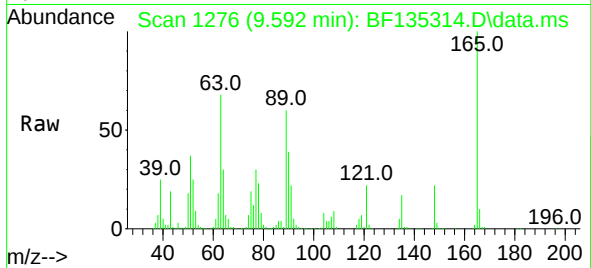
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 53.250 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

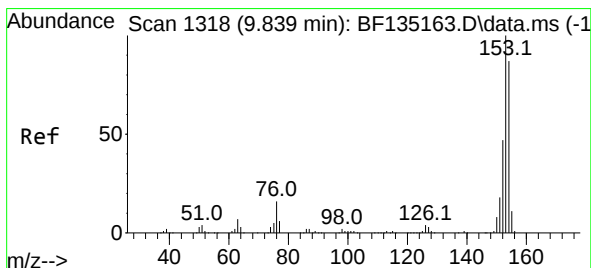
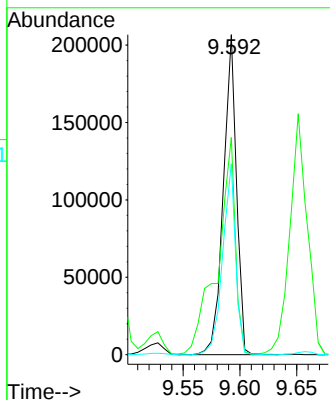
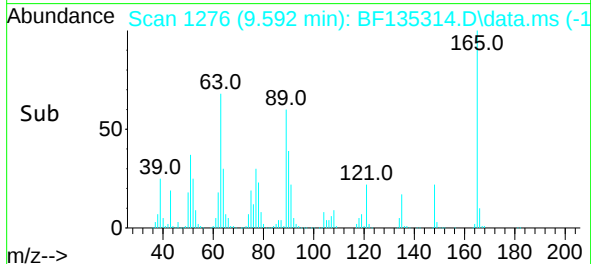
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



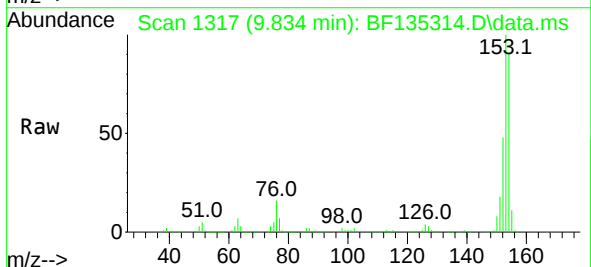
Tgt Ion:165 Resp: 166799
Ion Ratio Lower Upper
165 100
63 67.9 59.4 89.2
89 59.6 49.8 74.8

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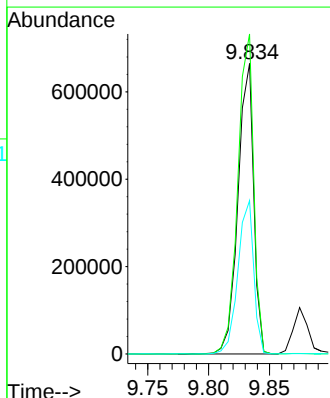
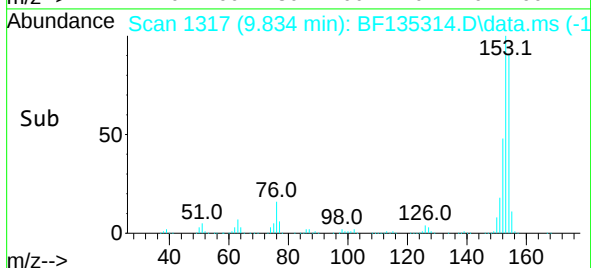
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

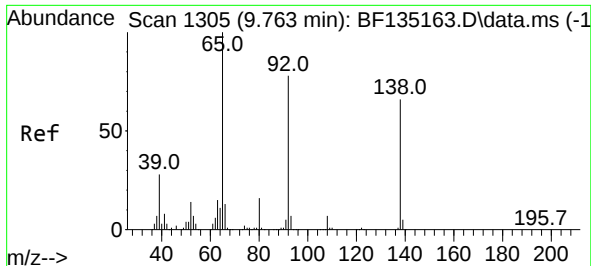


#52
Acenaphthene
Concen: 51.546 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



Tgt Ion:154 Resp: 596763
Ion Ratio Lower Upper
154 100
153 110.2 92.1 138.1
152 52.8 43.1 64.7





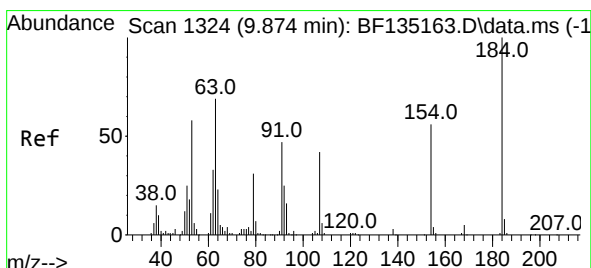
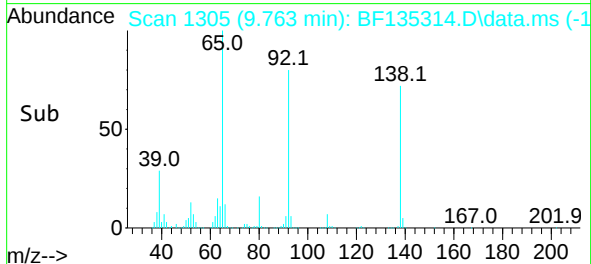
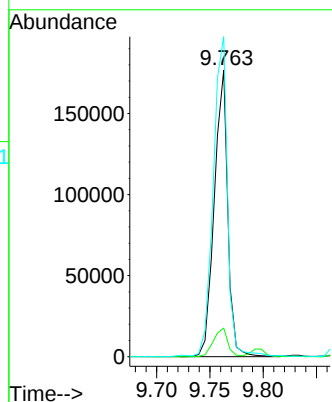
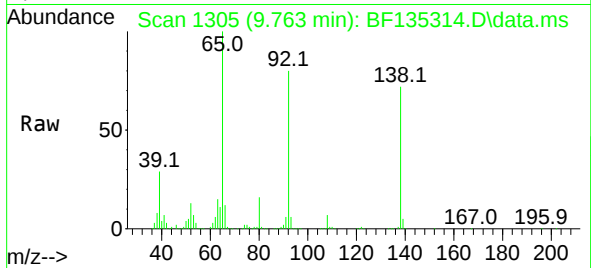
#53
3-Nitroaniline
Concen: 42.296 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

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

Tgt Ion:138 Resp: 15551
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 111.6 95.4 143.0

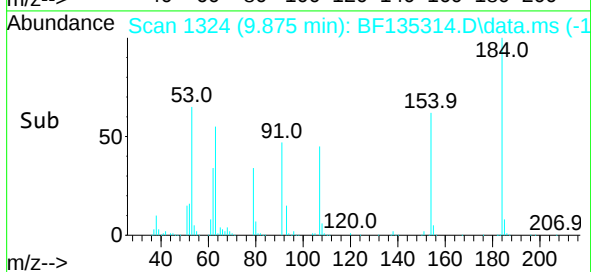
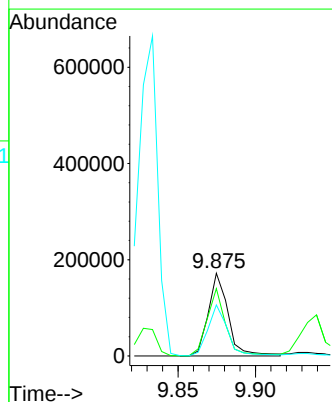
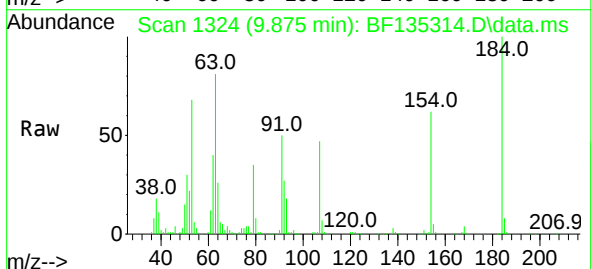
Manual Integrations
APPROVED

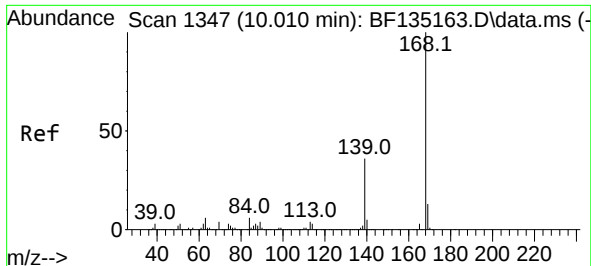
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#54
2,4-Dinitrophenol
Concen: 85.423 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

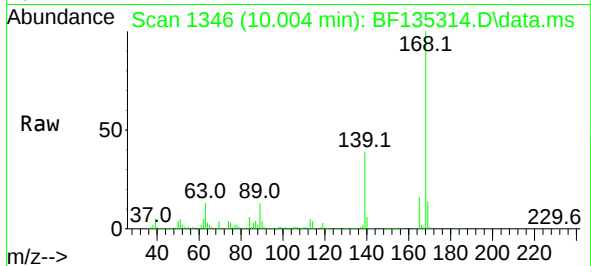
Tgt Ion:184 Resp: 152718
Ion Ratio Lower Upper
184 100
63 81.5 55.1 82.7
154 61.8 48.4 72.6





#55
Dibenzenofuran
Concen: 49.155 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

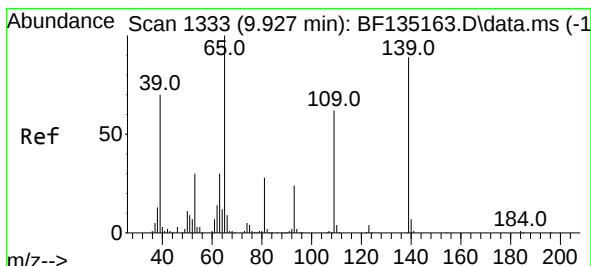
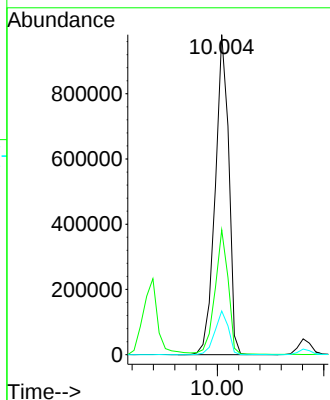
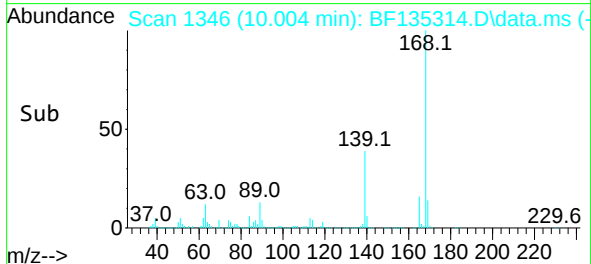
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:168 Resp: 86840
Ion Ratio Lower Upper
168 100
139 39.0 29.0 43.6
169 13.7 10.4 15.6

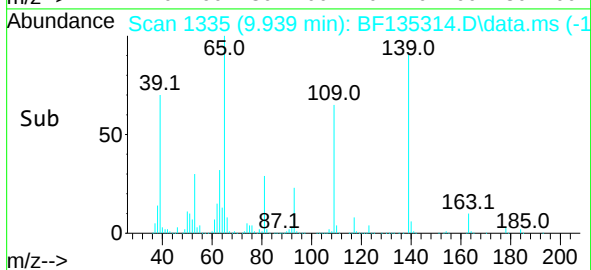
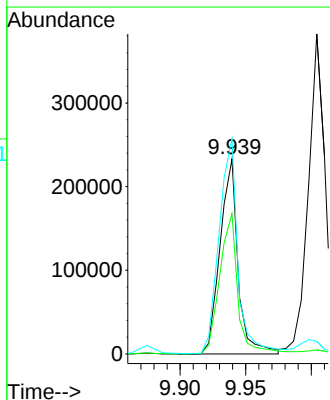
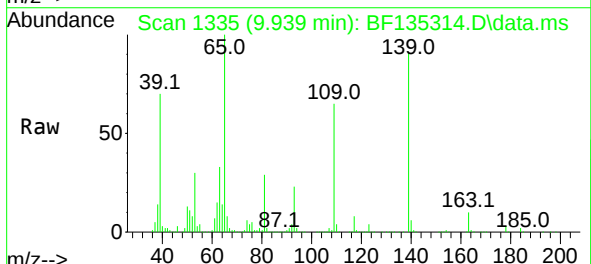
Manual Integrations
APPROVED

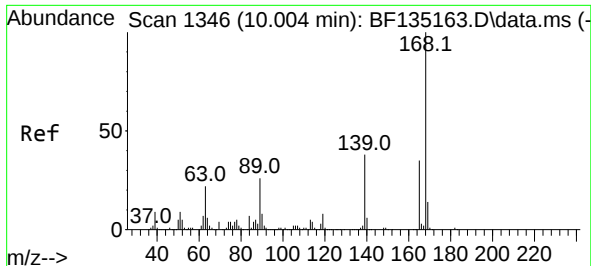
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 95.101 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

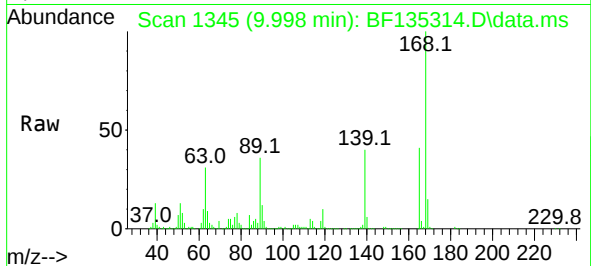
Tgt Ion:139 Resp: 222237
Ion Ratio Lower Upper
139 100
109 72.0 49.8 89.8
65 110.5 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 49.174 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

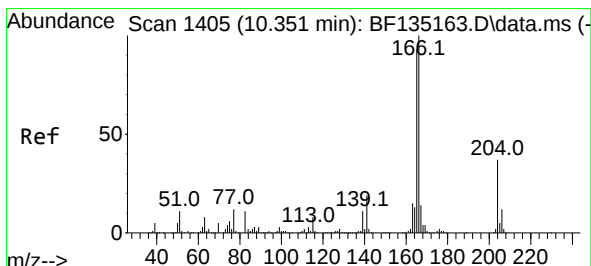
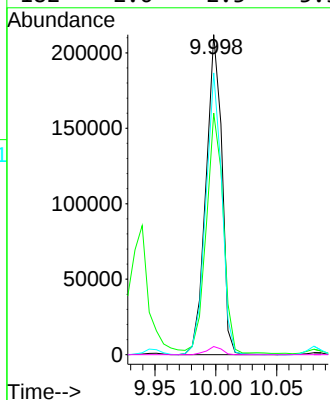
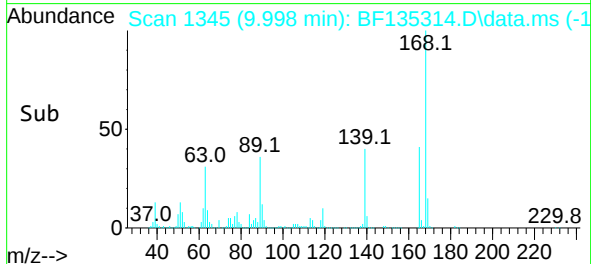
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



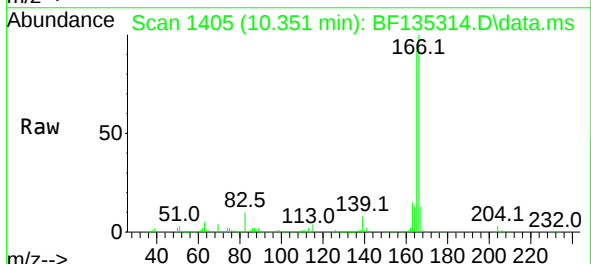
Tgt Ion:165 Resp: 19283
Ion Ratio Lower Upper
165 100
63 75.5 50.1 75.1
89 88.0 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations
APPROVED

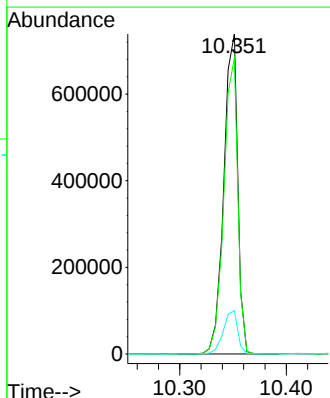
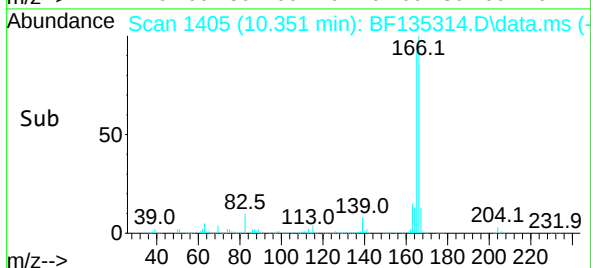
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

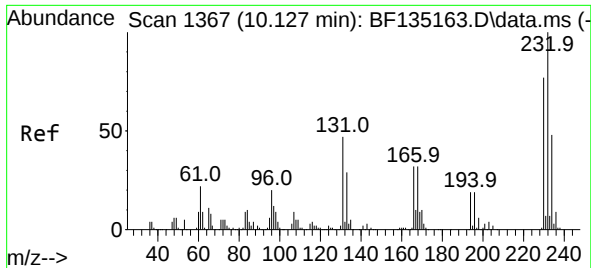


#58
Fluorene
Concen: 49.224 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



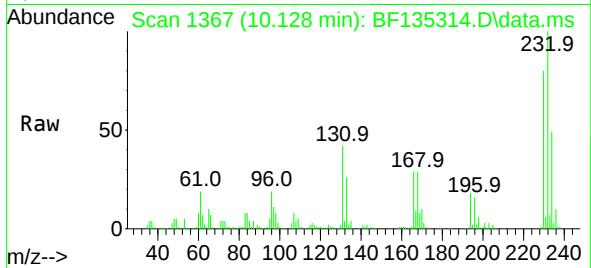
Tgt Ion:166 Resp: 668530
Ion Ratio Lower Upper
166 100
165 92.5 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.658 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

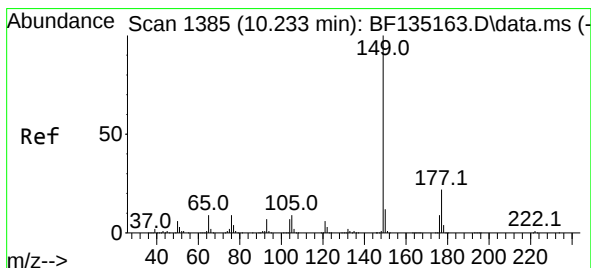
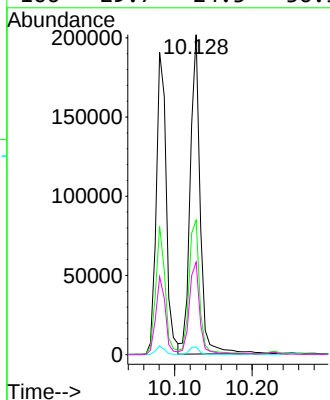
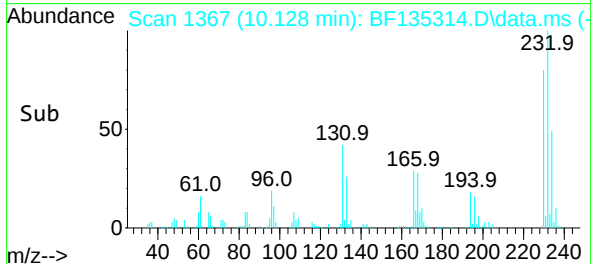
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:232 Resp: 180024
Ion Ratio Lower Upper
232 100
131 45.1 35.4 53.2
130 2.5 1.8 2.8
166 29.7 24.3 36.5

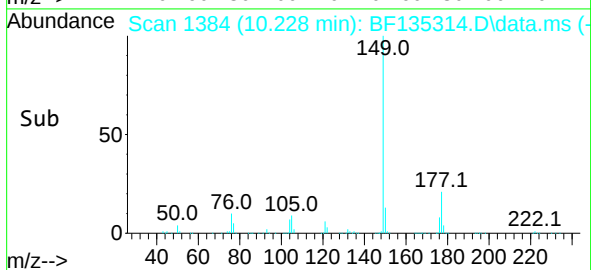
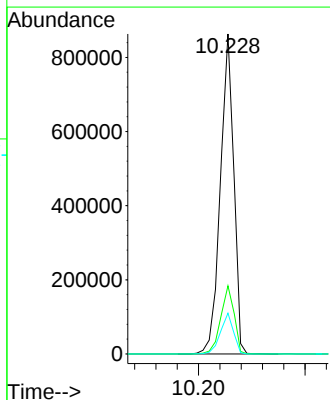
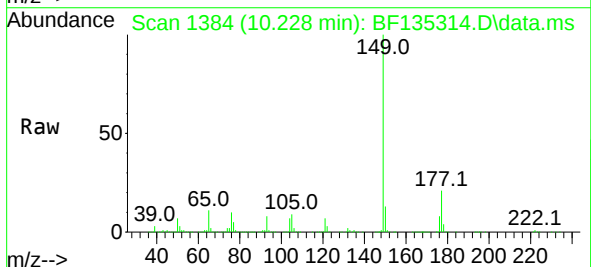
Manual Integrations
APPROVED

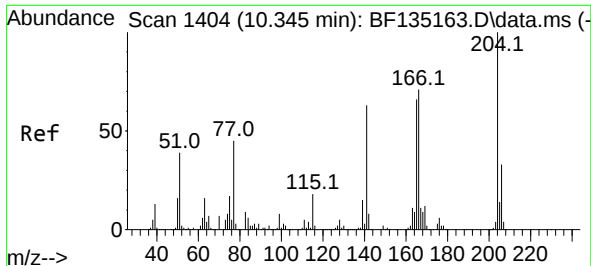
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 52.345 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

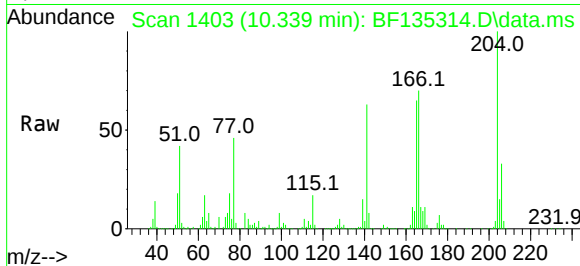
Tgt Ion:149 Resp: 751147
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.118 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

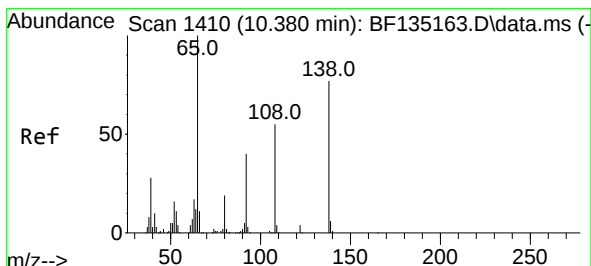
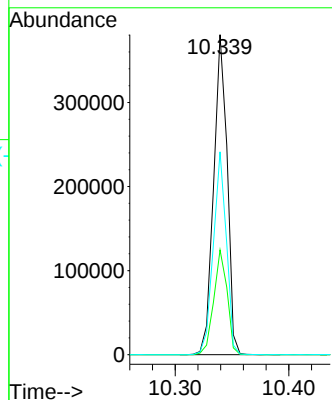
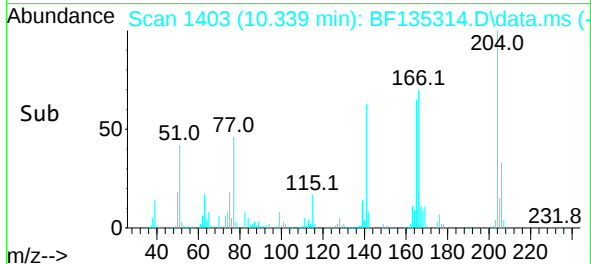
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:204 Resp: 31392
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 63.4 50.6 75.8

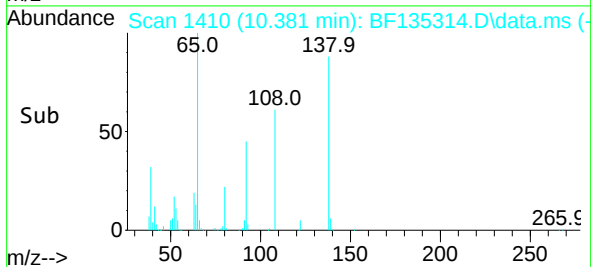
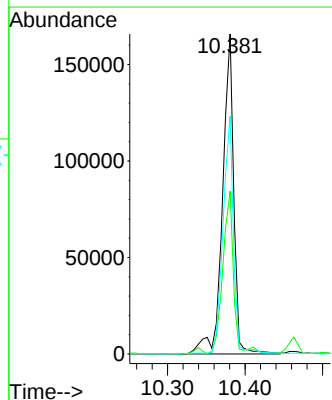
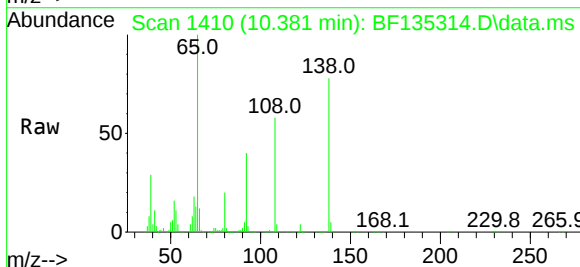
Manual Integrations
APPROVED

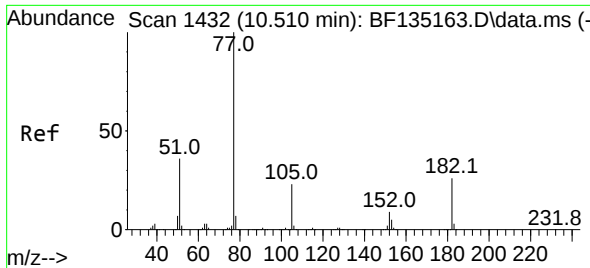
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 47.278 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

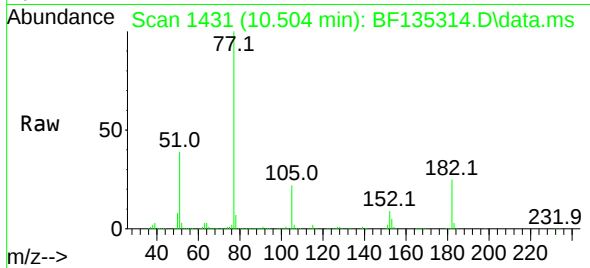
Tgt Ion:138 Resp: 167099
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 74.4 52.0 92.0





#63
Azobenzene
Concen: 51.297 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

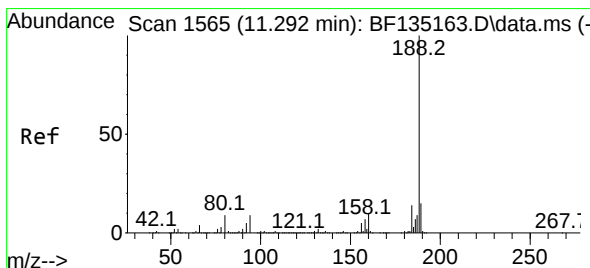
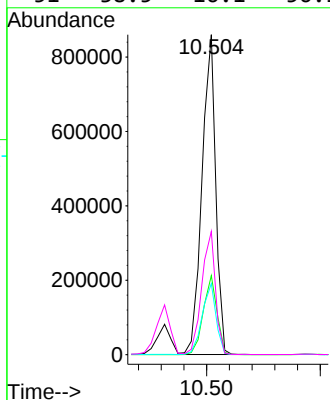
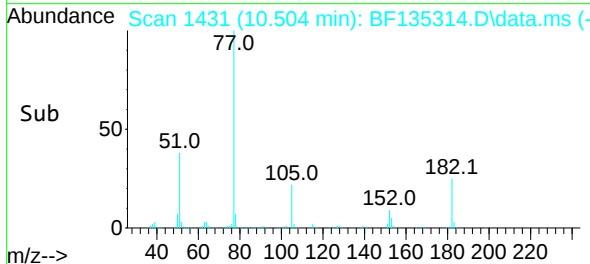
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



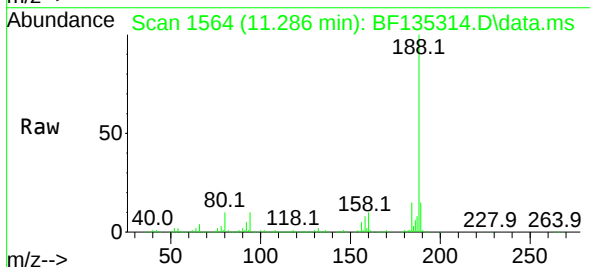
Tgt Ion: 77 Resp: 720435
Ion Ratio Lower Upper
77 100
182 24.7 6.4 46.4
105 22.2 3.1 43.1
51 38.5 16.1 56.1

Manual Integrations
APPROVED

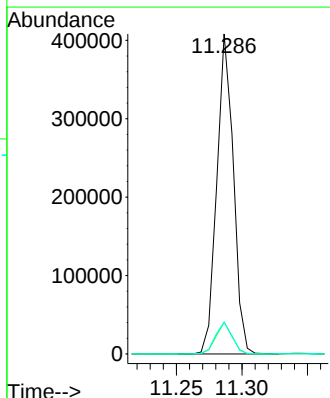
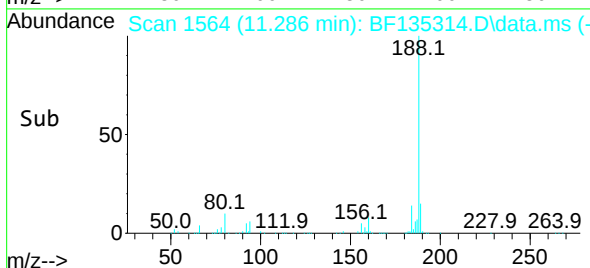
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

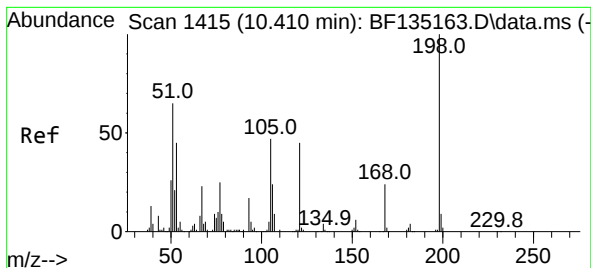


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



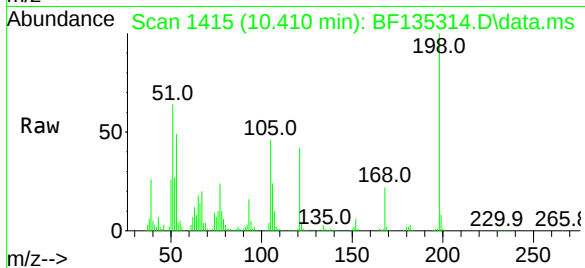
Tgt Ion:188 Resp: 357540
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.433 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

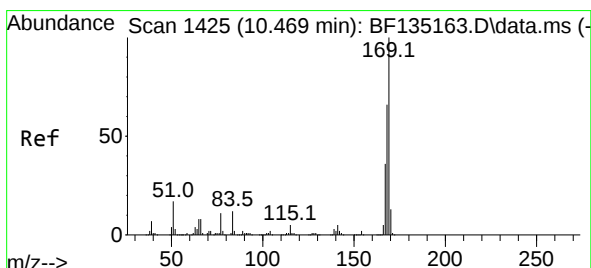
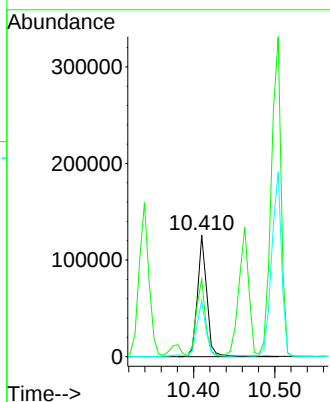
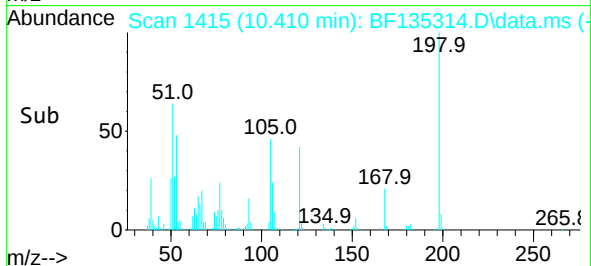
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



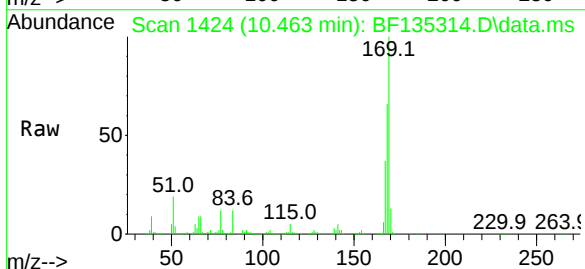
Tgt Ion:198 Resp: 101470
Ion Ratio Lower Upper
198 100
51 64.0 47.7 87.7
105 46.2 27.4 67.4

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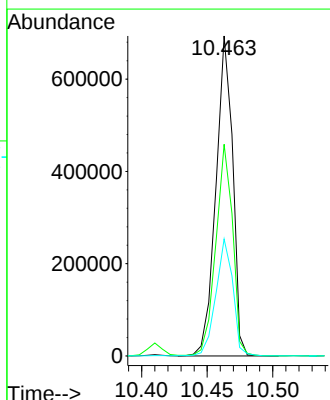
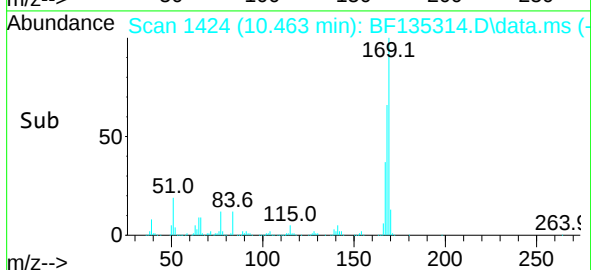
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

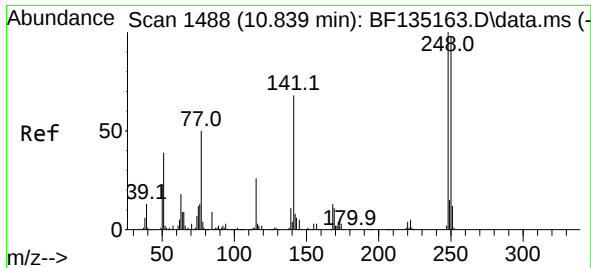


#66
n-Nitrosodiphenylamine
Concen: 56.910 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



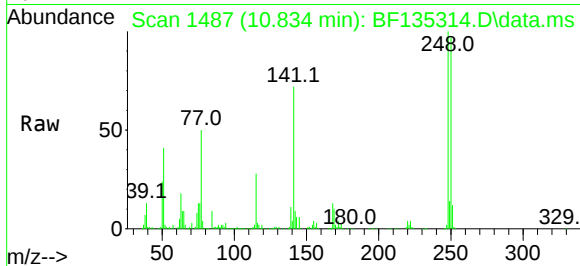
Tgt Ion:169 Resp: 616019
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 56.129 ng
RT: 10.834 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

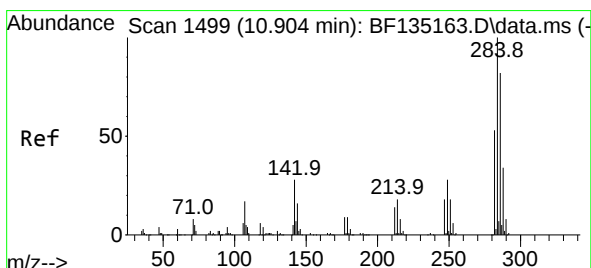
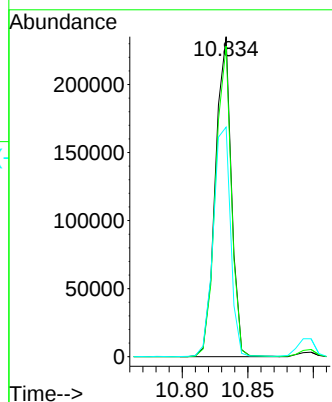
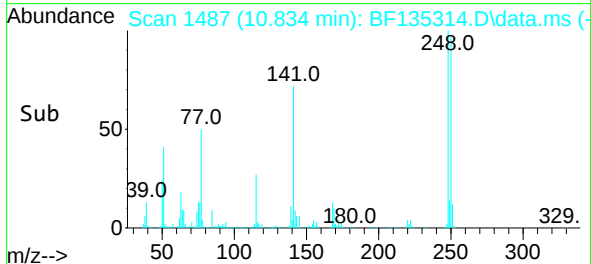
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:248 Resp: 199594
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 71.8 54.2 81.2

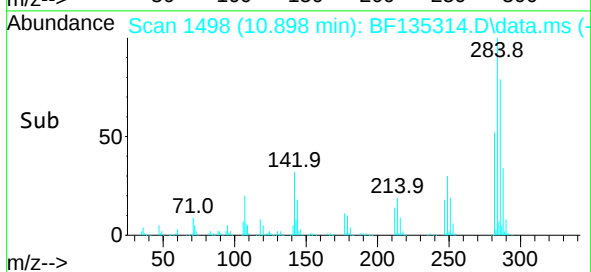
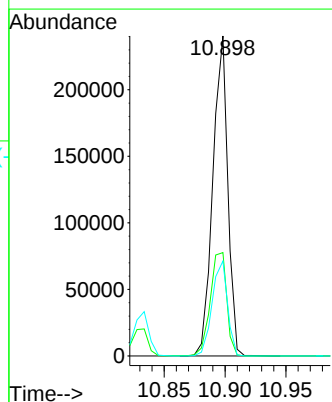
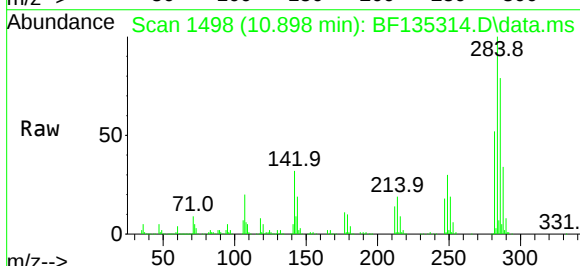
Manual Integrations
APPROVED

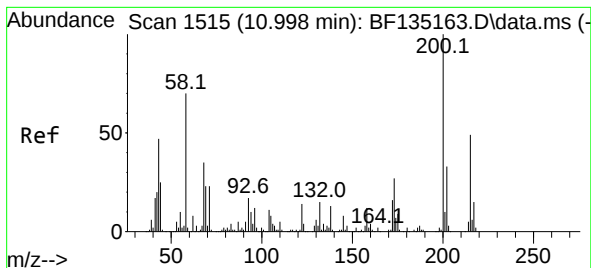
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#68
Hexachlorobenzene
Concen: 56.566 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:284 Resp: 204926
Ion Ratio Lower Upper
284 100
142 32.3 22.2 33.4
249 29.6 22.5 33.7





#69

Atrazine

Concen: 62.765 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

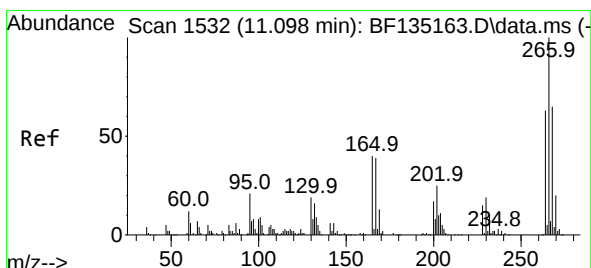
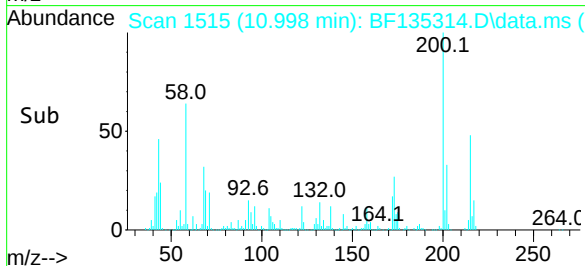
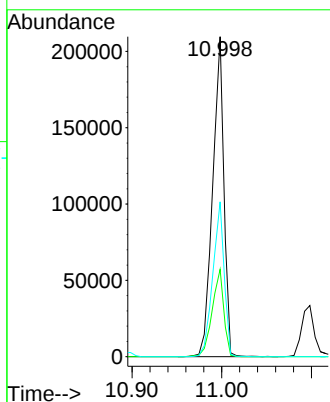
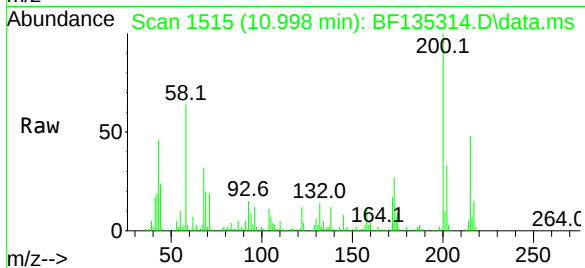
Tgt Ion:200	Resp: 18280
Ion Ratio	Lower Upper
200 100	
173 27.3	7.4 47.4
215 48.4	28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 89.693 ng

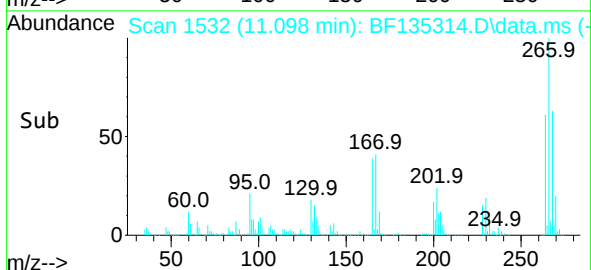
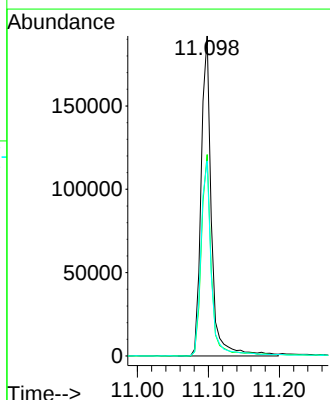
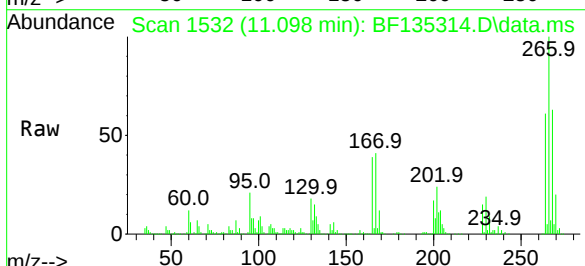
RT: 11.098 min Scan# 1532

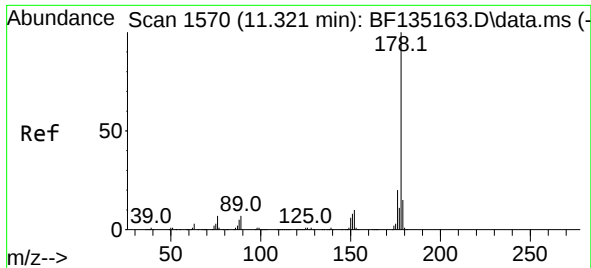
Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

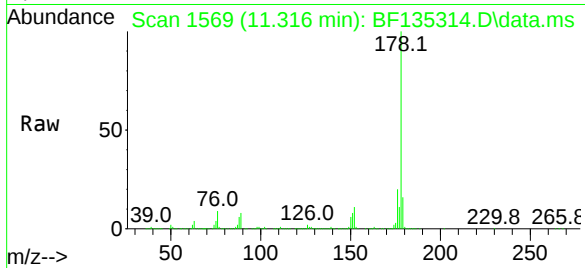
Tgt Ion:266	Resp: 194408
Ion Ratio	Lower Upper
266 100	
268 63.0	52.1 78.1
264 61.0	50.8 76.2





#71
Phenanthrene
Concen: 55.076 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

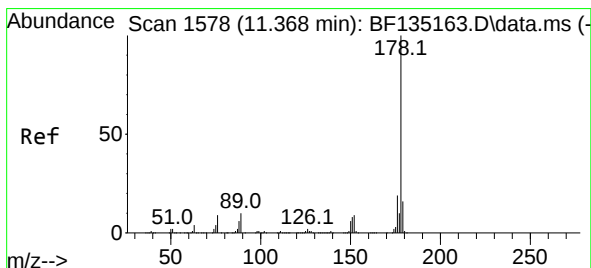
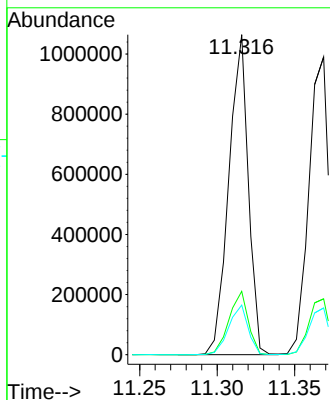
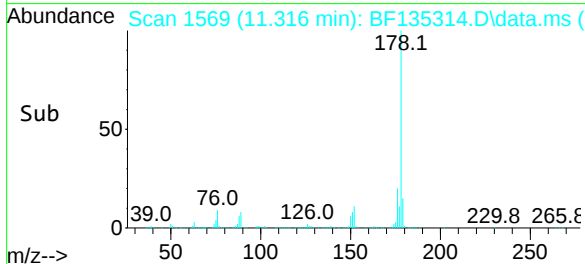
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



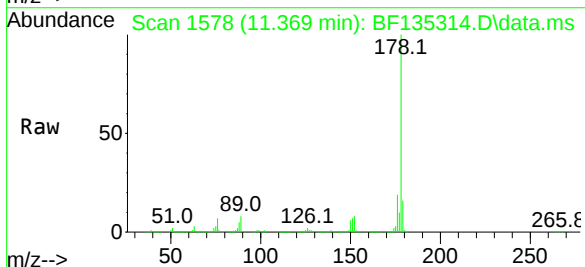
Tgt Ion:178 Resp: 93134
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.5 12.0 18.0

Manual Integrations
APPROVED

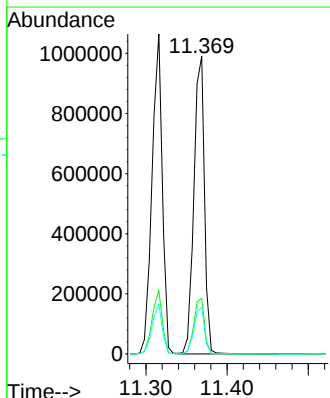
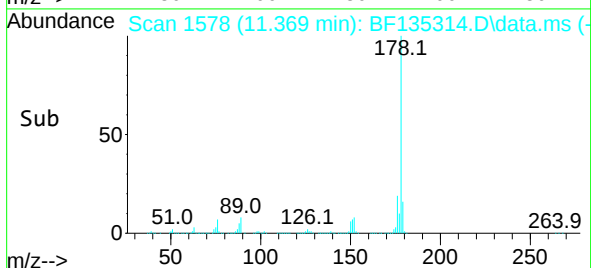
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

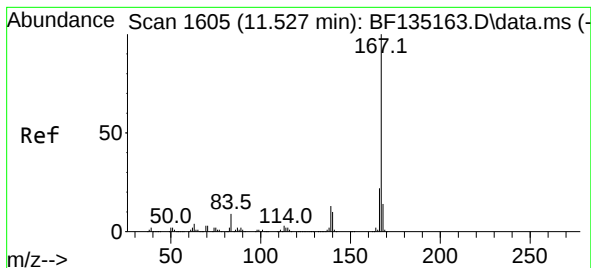


#72
Anthracene
Concen: 51.728 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



Tgt Ion:178 Resp: 899127
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.6 19.0





#73

Carbazole

Concen: 49.588 ng

RT: 11.528 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

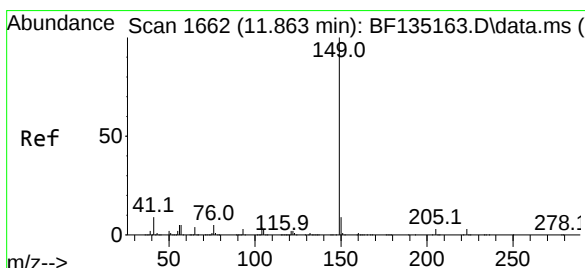
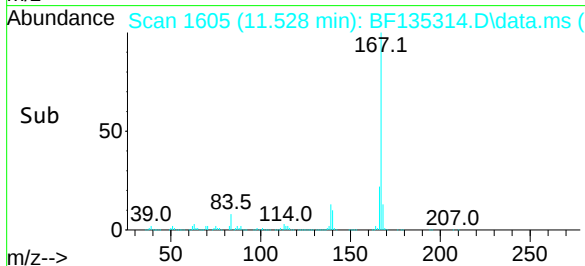
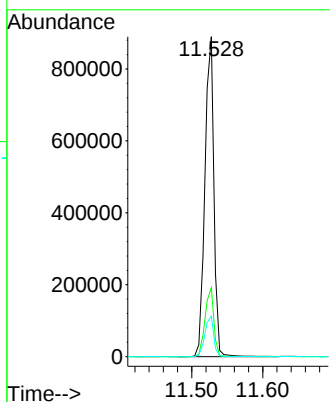
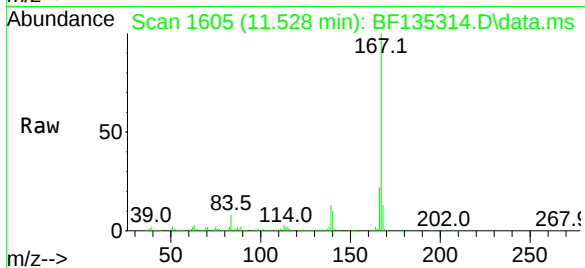
ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion:167 Resp: 784624
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

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



#74

Di-n-butylphthalate

Concen: 55.542 ng

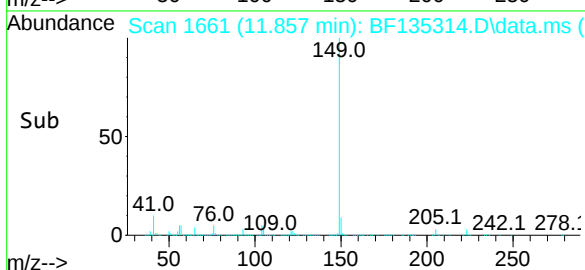
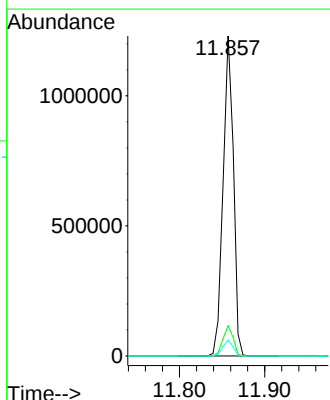
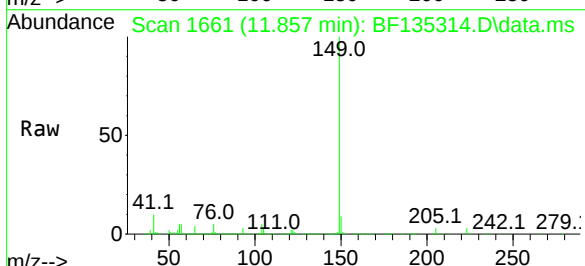
RT: 11.857 min Scan# 1661

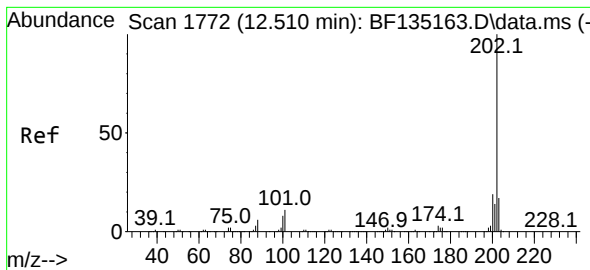
Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

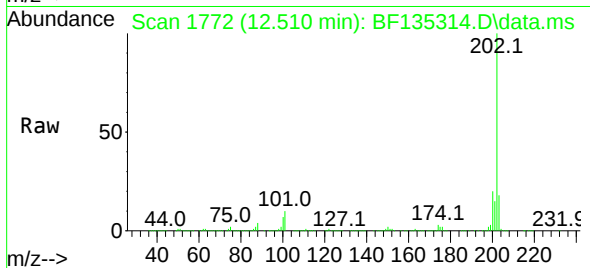
Tgt Ion:149 Resp: 1035583
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 46.380 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

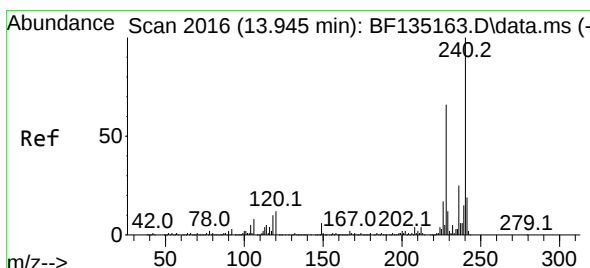
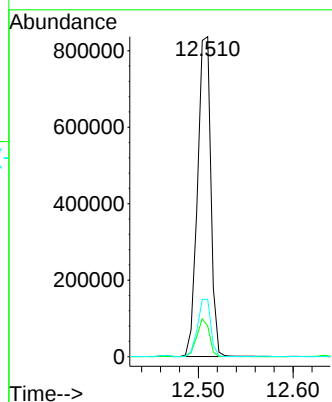
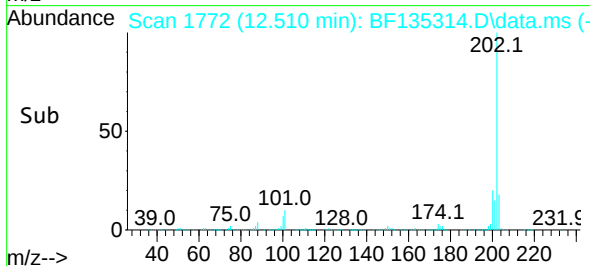
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



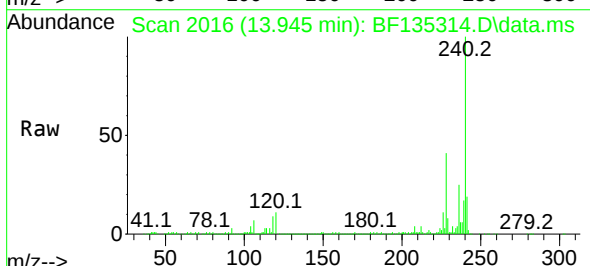
Tgt Ion:202 Resp: 817218
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.3
203 17.9 0.0 37.4

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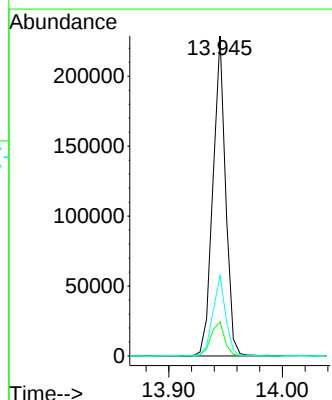
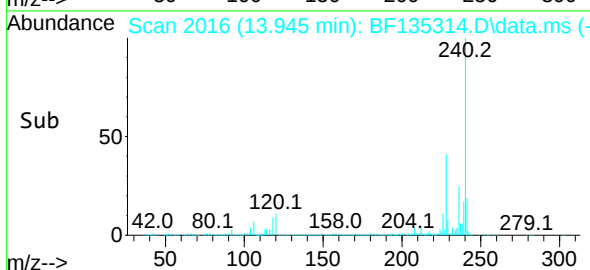
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

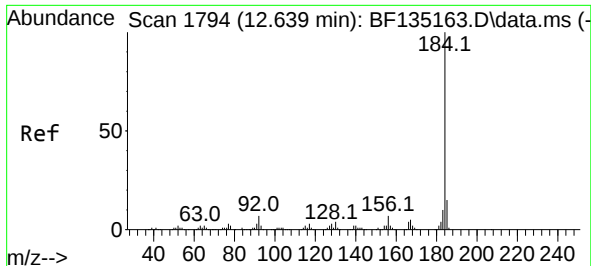


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



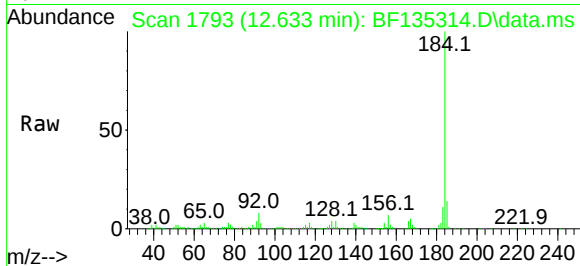
Tgt Ion:240 Resp: 176748
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.1 19.8 29.8





#77
Benzidine
Concen: 100.576 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

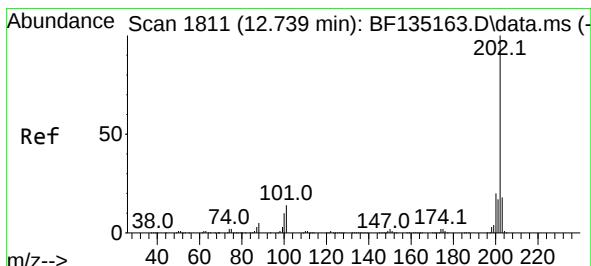
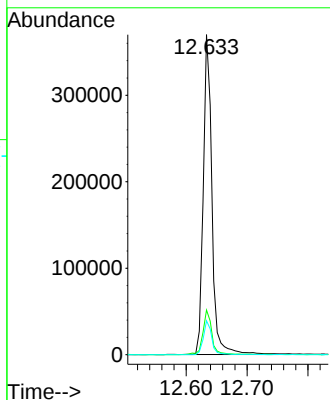
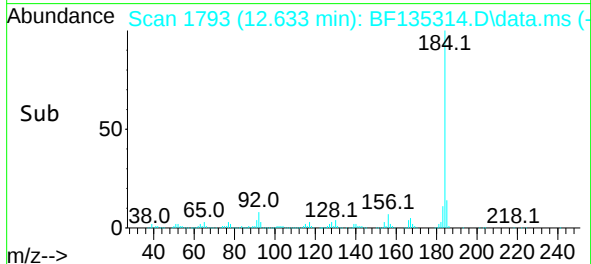
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:184 Resp: 364188
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.6 8.2 12.4

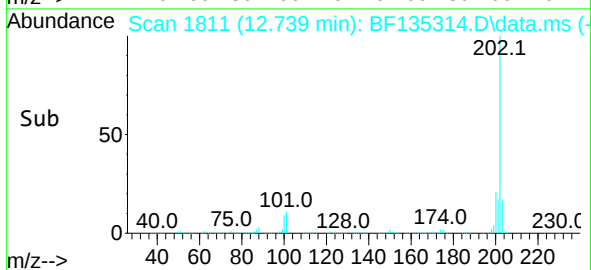
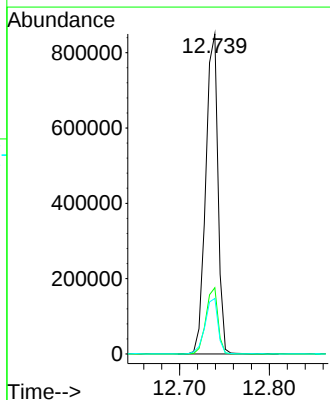
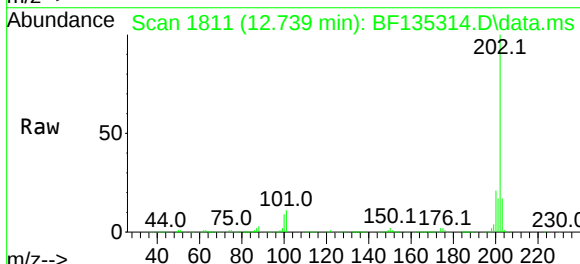
Manual Integrations
APPROVED

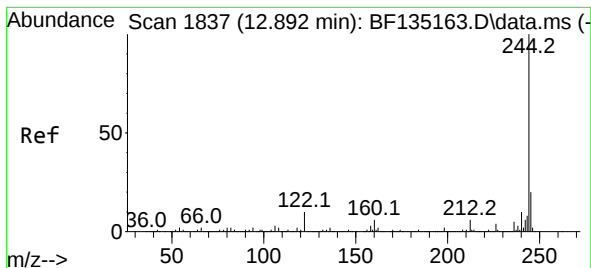
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 47.686 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:202 Resp: 802452
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 45.719 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.011 min

Lab File: BF135314.D

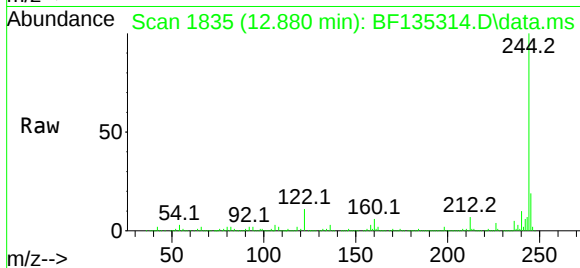
Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



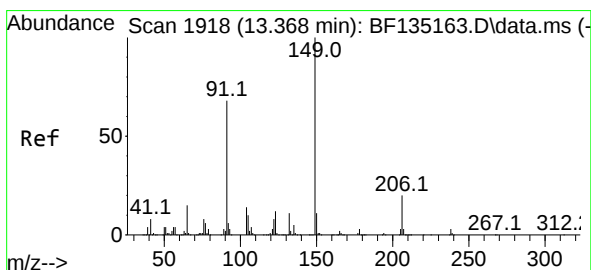
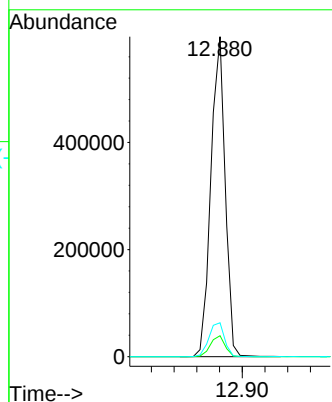
Tgt Ion:	244	Resp:	521269
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.1	7.7
122	10.6	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

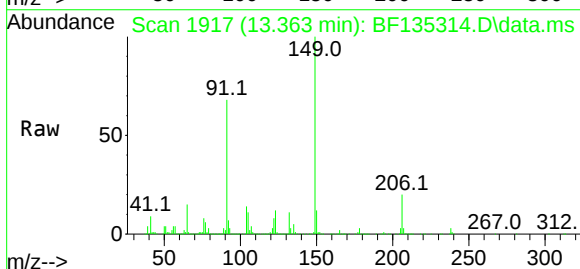
Concen: 51.518 ng

RT: 13.363 min Scan# 1917

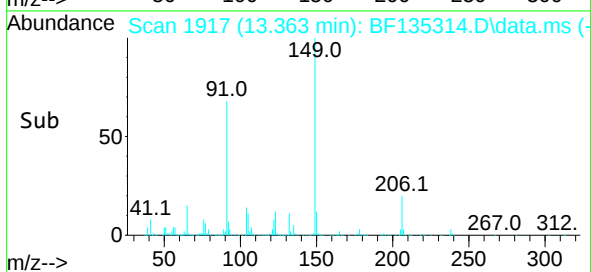
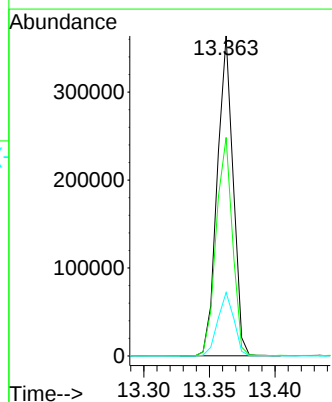
Delta R.T. -0.006 min

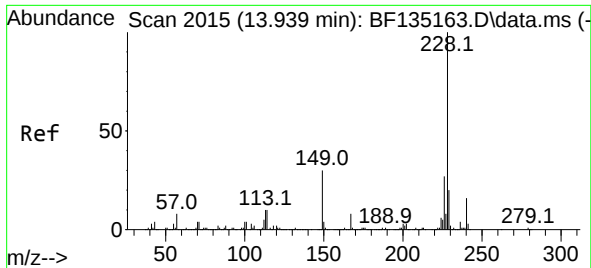
Lab File: BF135314.D

Acq: 18 Sep 2023 19:13



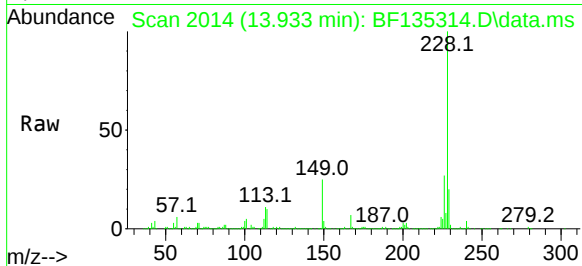
Tgt Ion:	149	Resp:	305232
Ion Ratio	Lower	Upper	
149	100		
91	68.3	54.7	82.1
206	19.9	16.3	24.5





#81
Benzo(a)anthracene
Concen: 54.306 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

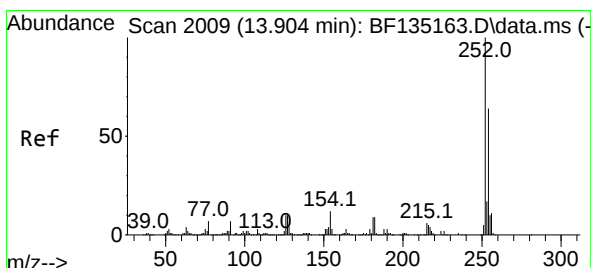
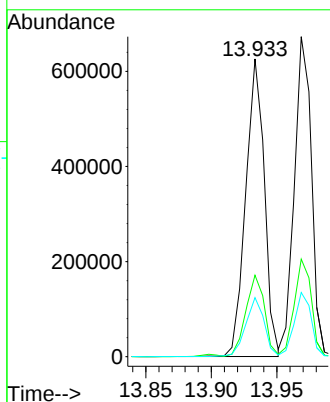
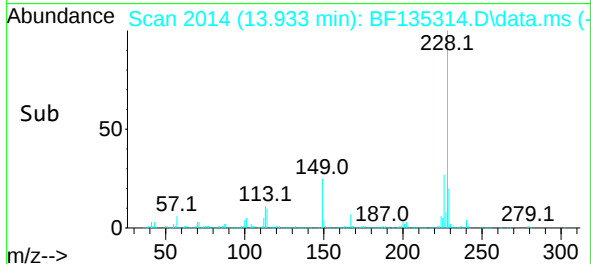
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:228 Resp: 61980
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.8 23.8

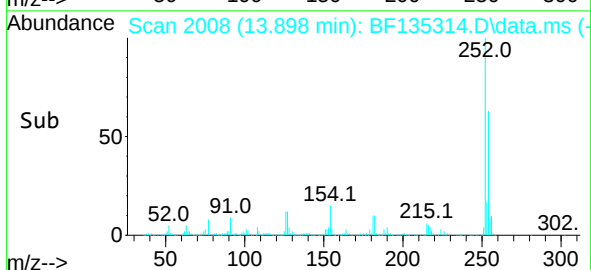
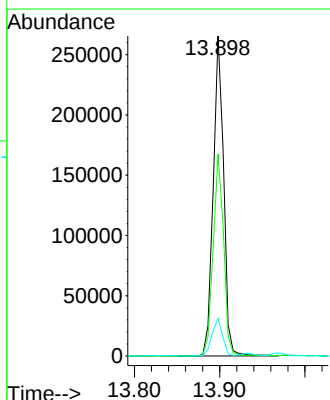
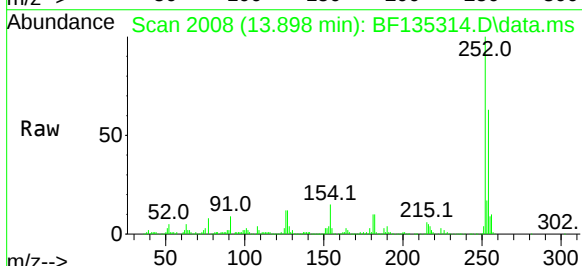
Manual Integrations
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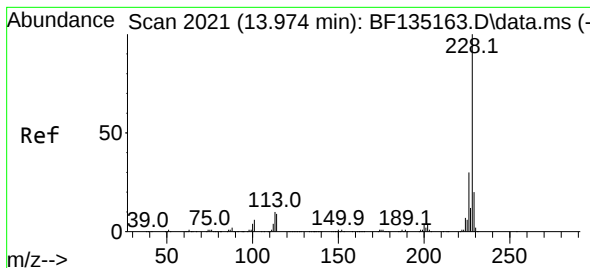
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 63.362 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

Tgt Ion:252 Resp: 225882
Ion Ratio Lower Upper
252 100
254 63.1 51.0 76.4
126 11.7 7.8 11.8





#83

Chrysene

Concen: 53.839 ng

RT: 13.969 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

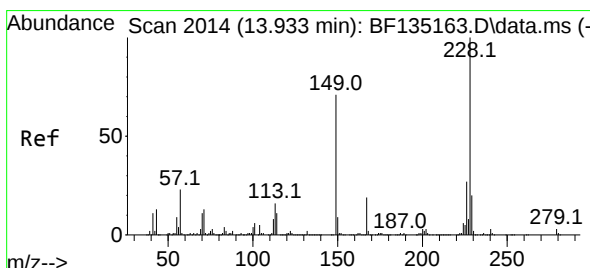
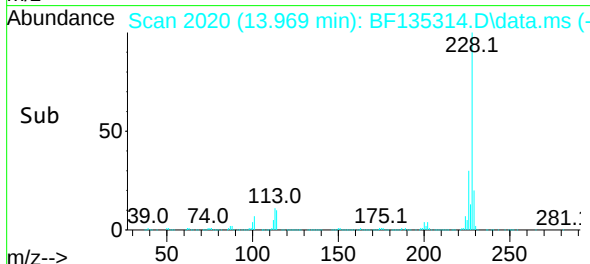
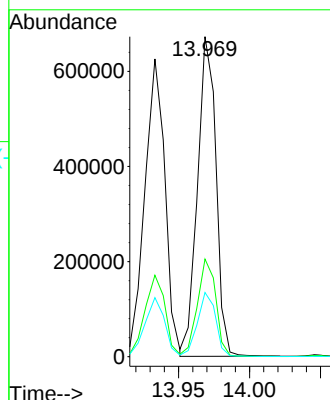
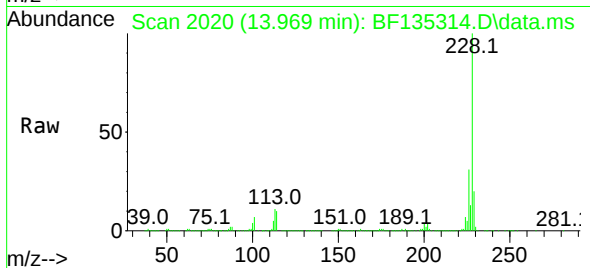
TP-9-5-23-EPHMSD

Tgt Ion:228 Resp: 610927
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 20.1 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: 60.487 ng

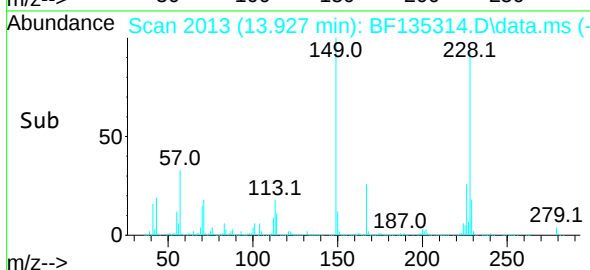
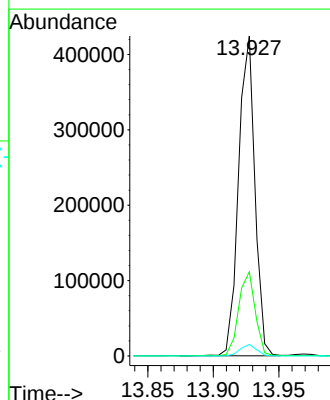
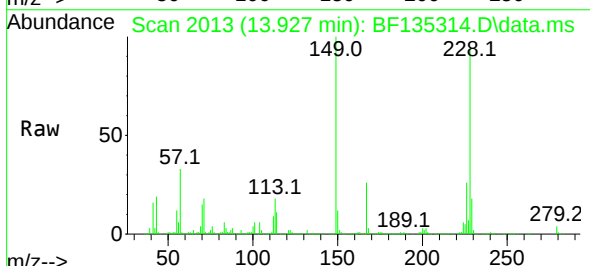
RT: 13.927 min Scan# 2013

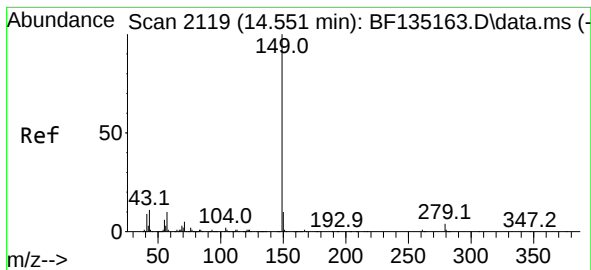
Delta R.T. -0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

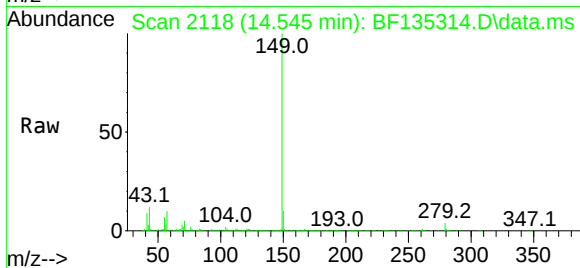
Tgt Ion:149 Resp: 367755
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.9 32.9
 279 3.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 71.606 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

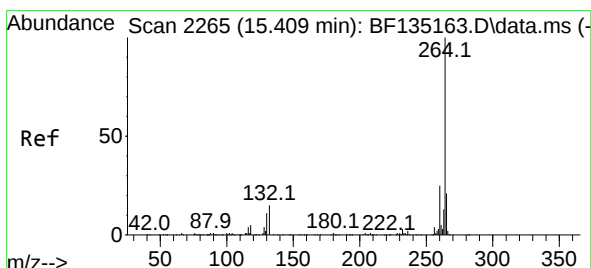
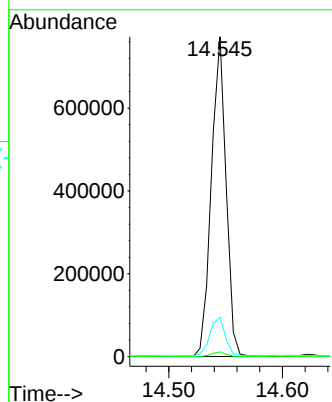
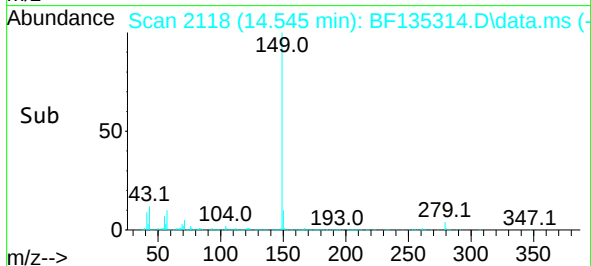
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



Tgt Ion:149 Resp: 691860
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.5 9.8 14.6

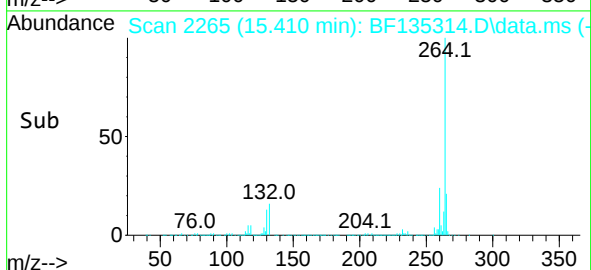
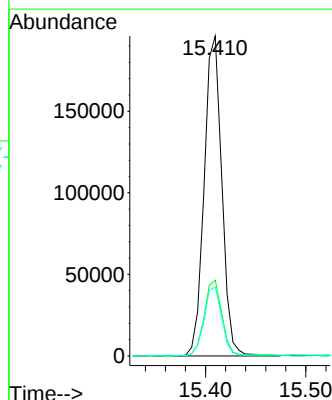
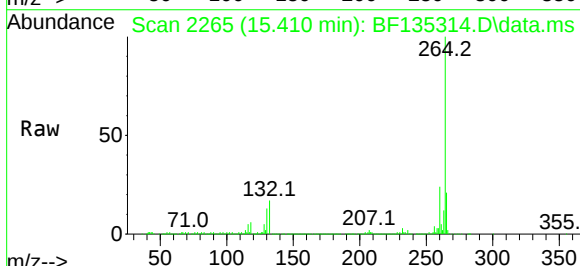
Manual Integrations
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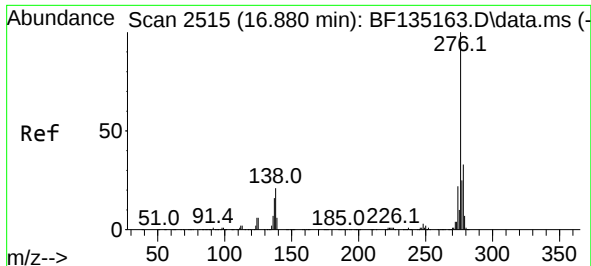
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

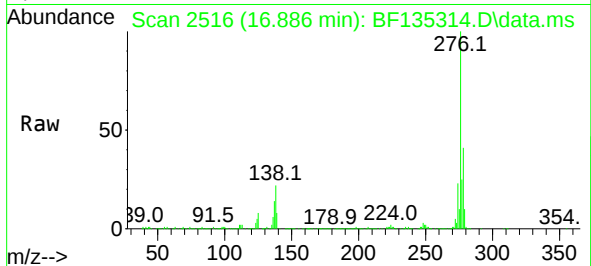
Tgt Ion:264 Resp: 240351
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 21.5 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.090 ng
 RT: 16.886 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13

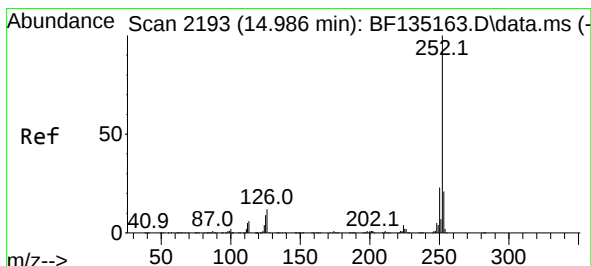
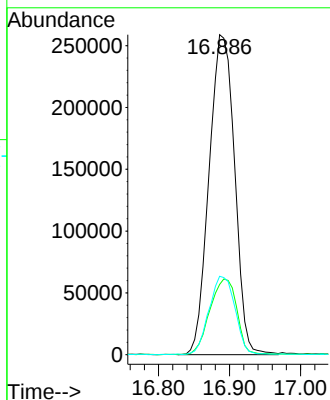
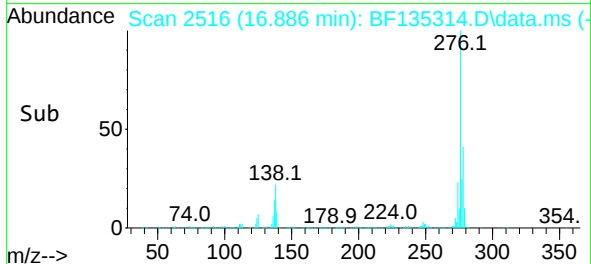
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD



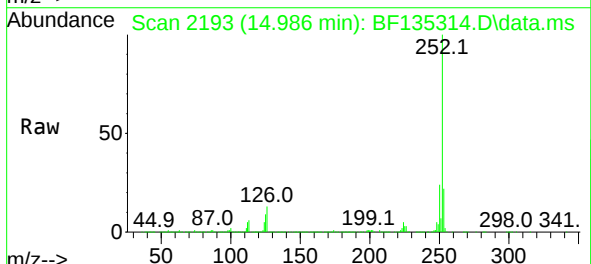
Tgt Ion:276 Resp: 64754
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.2 28.8
 277 25.1 19.7 29.5

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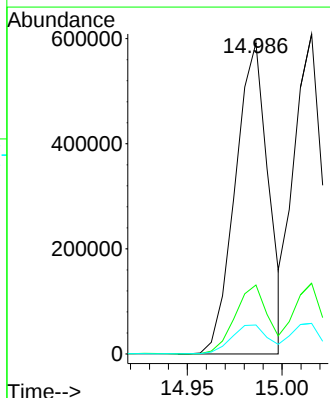
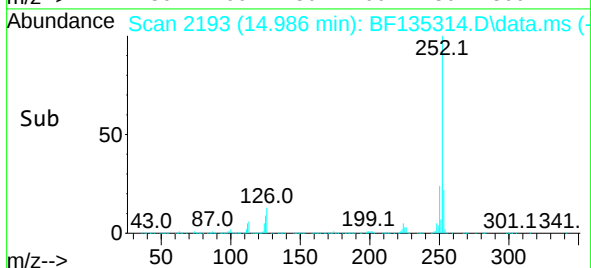
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

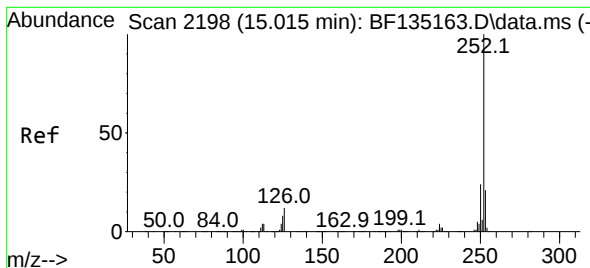


#88
 Benzo(b)fluoranthene
 Concen: 55.387 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135314.D
 Acq: 18 Sep 2023 19:13



Tgt Ion:252 Resp: 720647
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.004 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135314.D

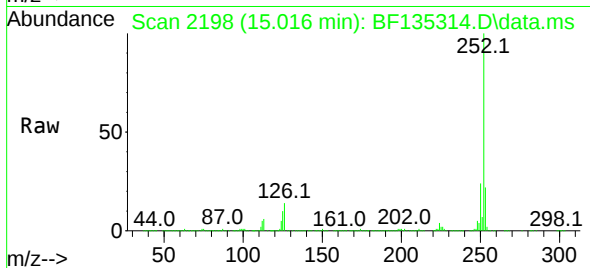
Acq: 18 Sep 2023 19:13

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



Tgt Ion:252 Resp: 62982

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

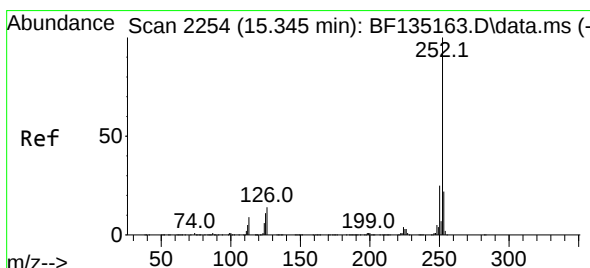
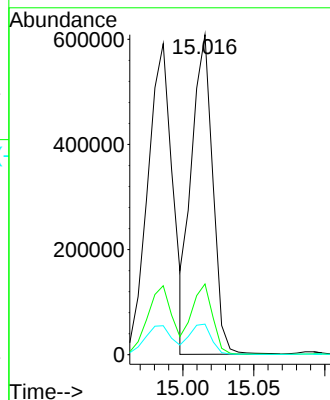
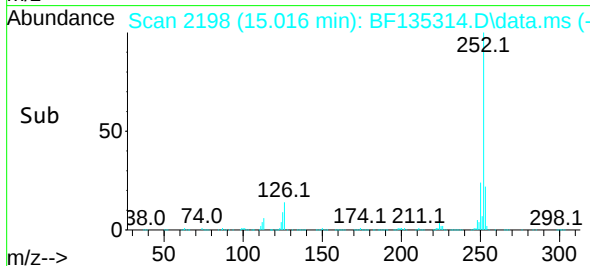
125 9.6 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 51.156 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135314.D

Acq: 18 Sep 2023 19:13

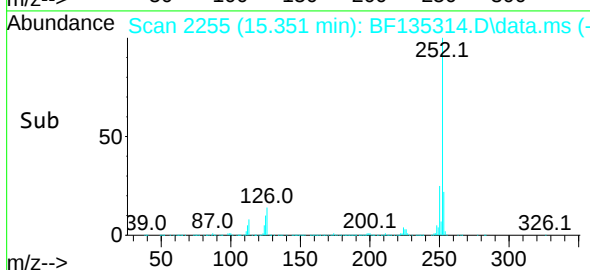
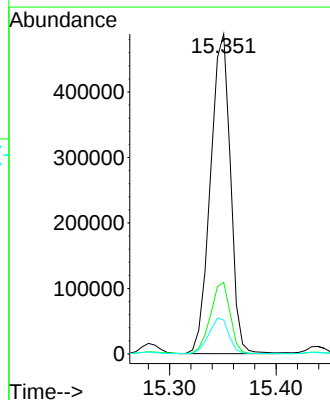
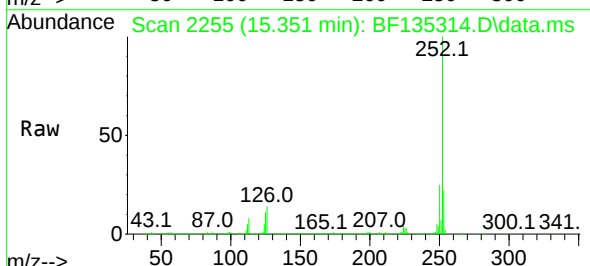
Tgt Ion:252 Resp: 634728

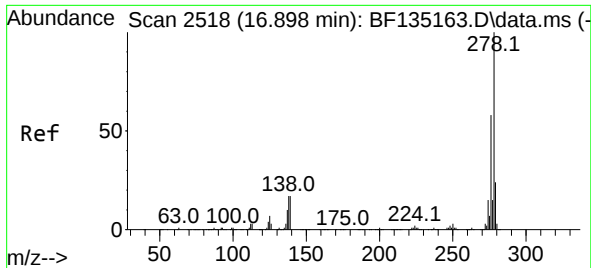
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

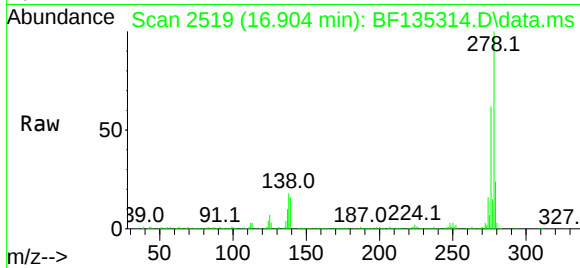
125 10.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 41.150 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13

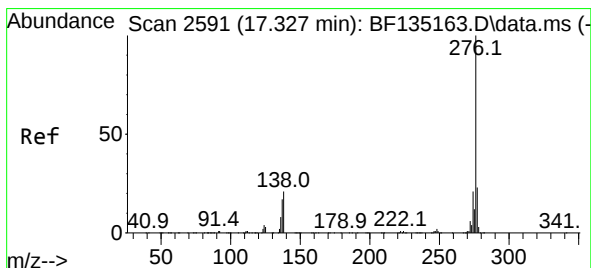
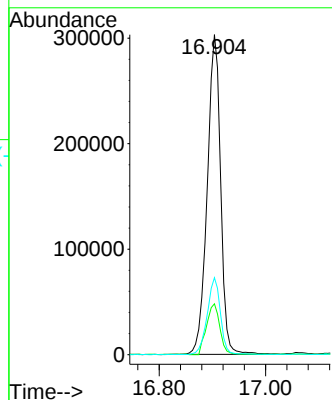
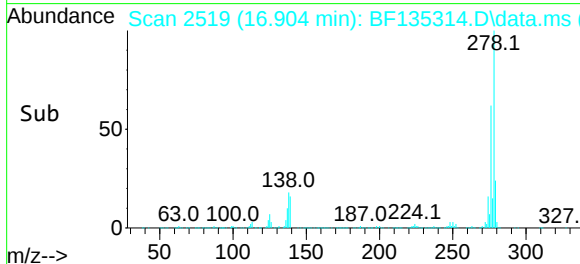
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD



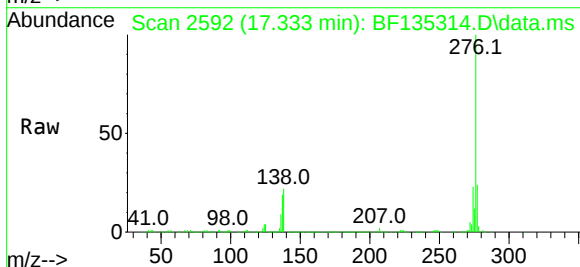
Tgt Ion: 278 Resp: 53060
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.0
279 24.1 19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 36.199 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135314.D
Acq: 18 Sep 2023 19:13



Tgt Ion: 276 Resp: 487474
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 22.1 16.9 25.3

