

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135428.D
 Acq On : 25 Sep 2023 15:45
 Operator : CG\JU
 Sample : PB155524BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:42:12 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	179398	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	676485	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	322291	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	590559	20.000	ng	0.00
76) Chrysene-d12	13.939	240	330477	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	280027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1352080	122.581	ng	0.02
7) Phenol-d6	6.404	99	1723238	122.866	ng	0.00
23) Nitrobenzene-d5	7.322	82	1108033	88.988	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	347015	108.348	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1737494	81.336	ng	0.00
79) Terphenyl-d14	12.880	244	1669914	78.332	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	216187	44.710	ng	92
3) Pyridine	3.310	79	565321	43.440	ng	95
4) n-Nitrosodimethylamine	3.269	42	333736	48.327	ng	93
6) Aniline	6.422	93	518541	28.194	ng	# 37
8) 2-Chlorophenol	6.545	128	559331	47.503	ng	96
9) Benzaldehyde	6.310	77	207518	25.972	ng	98
10) Phenol	6.422	94	630372	40.988	ng	82
11) bis(2-Chloroethyl)ether	6.498	93	550125	47.687	ng	99
12) 1,3-Dichlorobenzene	6.692	146	542793	45.360	ng	99
13) 1,4-Dichlorobenzene	6.769	146	551601	45.307	ng	99
14) 1,2-Dichlorobenzene	6.922	146	515805	45.622	ng	98
15) Benzyl Alcohol	6.904	79	439880	43.706	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	992944	45.664	ng	91
17) 2-Methylphenol	7.022	107	440467	42.391	ng	94
18) Hexachloroethane	7.257	117	209976	46.678	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	345520	39.773	ng	97
20) 3+4-Methylphenols	7.175	107	497028	39.780	ng	# 82
22) Acetophenone	7.169	105	689598	44.587	ng	98
24) Nitrobenzene	7.340	77	571135	46.407	ng	99
25) Isophorone	7.581	82	1052118	46.016	ng	98
26) 2-Nitrophenol	7.657	139	290517	49.184	ng	92
27) 2,4-Dimethylphenol	7.698	122	472289	47.569	ng	95
28) bis(2-Chloroethoxy)met...	7.787	93	650166	47.509	ng	99
29) 2,4-Dichlorophenol	7.898	162	416142	45.233	ng	100
30) 1,2,4-Trichlorobenzene	7.975	180	449290	46.723	ng	99
31) Naphthalene	8.057	128	1491074	45.365	ng	100
32) Benzoic acid	7.845	122	345926	46.270	ng	98
33) 4-Chloroaniline	8.110	127	311118	21.574	ng	99
34) Hexachlorobutadiene	8.169	225	248832	42.915	ng	99
35) Caprolactam	8.487	113	139718m	45.251	ng	
36) 4-Chloro-3-methylphenol	8.604	107	451850	44.191	ng	96
37) 2-Methylnaphthalene	8.745	142	915176	41.422	ng	99
38) 1-Methylnaphthalene	8.845	142	861953	41.670	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	429240	45.972	ng	98
41) Hexachlorocyclopentadiene	8.898	237	270729	67.114	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	272830	44.629	ng	99

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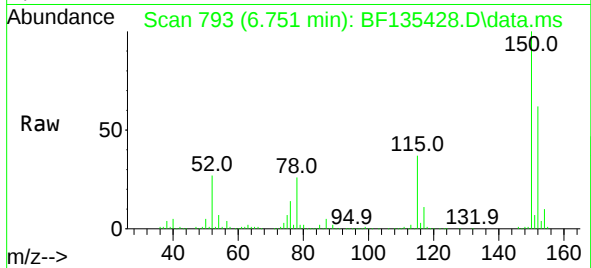
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	296378	42.098	ng	98
46) 1,1'-Biphenyl	9.216	154	1109611	44.801	ng	97
47) 2-Chloronaphthalene	9.239	162	838682	46.670	ng	99
48) 2-Nitroaniline	9.345	65	331809	47.528	ng	97
49) Acenaphthylene	9.657	152	1301677	43.585	ng	99
50) Dimethylphthalate	9.522	163	926566	42.522	ng	99
51) 2,6-Dinitrotoluene	9.586	165	217679	45.602	ng	95
52) Acenaphthene	9.828	154	786193	44.562	ng	98
53) 3-Nitroaniline	9.757	138	180997	32.302	ng	96
54) 2,4-Dinitrophenol	9.875	184	214016	79.056	ng	93
55) Dibenzofuran	9.998	168	1098322	40.795	ng	98
56) 4-Nitrophenol	9.939	139	293171	82.324	ng	98
57) 2,4-Dinitrotoluene	9.998	165	245097	41.014	ng	# 85
58) Fluorene	10.345	166	862987	41.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	238529	44.045	ng	98
60) Diethylphthalate	10.222	149	902473	41.268	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	397463	39.977	ng	97
62) 4-Nitroaniline	10.381	138	238166	44.218	ng	95
63) Azobenzene	10.498	77	957671	44.746	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	154283	49.187	ng	95
66) n-Nitrosodiphenylamine	10.457	169	811478	45.387	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	251870	42.882	ng	98
68) Hexachlorobenzene	10.892	284	268430	44.859	ng	# 91
69) Atrazine	10.992	200	248568	51.670	ng	99
70) Pentachlorophenol	11.092	266	252217	70.450	ng	96
71) Phenanthrene	11.310	178	1266039	45.328	ng	98
72) Anthracene	11.363	178	1286990	44.827	ng	100
73) Carbazole	11.522	167	1277812	48.892	ng	99
74) Di-n-butylphthalate	11.851	149	1361243	44.201	ng	99
75) Fluoranthene	12.504	202	1371806	47.135	ng	98
77) Benzidine	12.633	184	358232	52.911	ng	99
78) Pyrene	12.733	202	1414051	44.942	ng	99
80) Butylbenzylphthalate	13.357	149	551689	49.801	ng	96
81) Benzo(a)anthracene	13.933	228	991833	46.478	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	237853	35.684	ng	# 98
83) Chrysene	13.969	228	949726	44.763	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	626629	55.123	ng	99
85) Di-n-octyl phthalate	14.533	149	955054	52.865	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	928587	50.575	ng	96
88) Benzo(b)fluoranthene	14.980	252	761847	50.257	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	749799	50.073	ng	# 98
90) Benzo(a)pyrene	15.345	252	694302	48.029	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	751635	50.033	ng	98
92) Benzo(g,h,i)perylene	17.333	276	803962	51.243	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

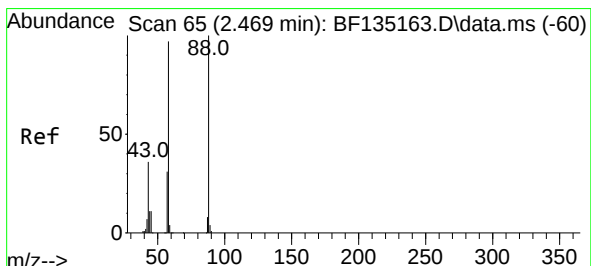
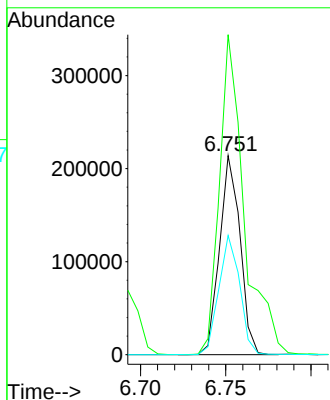
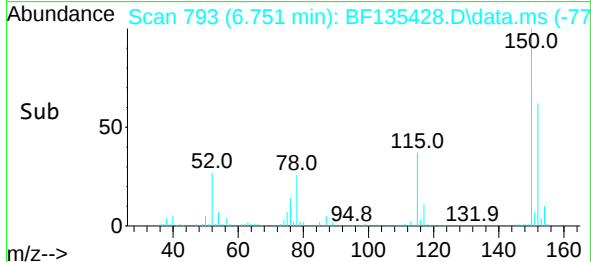
Instrument :
BNA_F
ClientSampleId :
PB155524BS



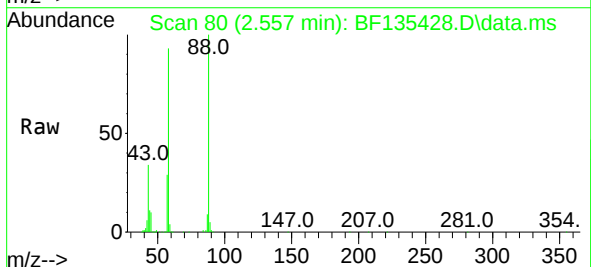
Tgt Ion:152 Resp: 179398
Ion Ratio Lower Upper
152 100
150 160.7 127.8 191.6
115 59.8 49.8 74.8

Manual Integrations
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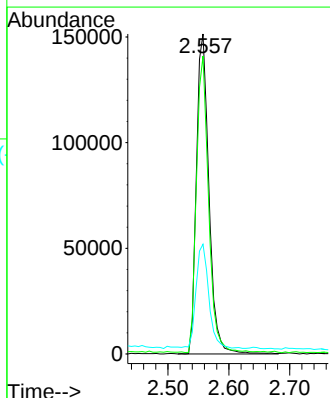
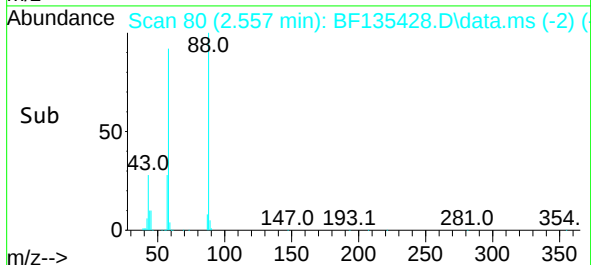
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#2
1,4-Dioxane
Concen: 44.710 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.106 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion: 88 Resp: 216187
Ion Ratio Lower Upper
88 100
58 89.9 78.3 117.5
43 33.0 29.4 44.0





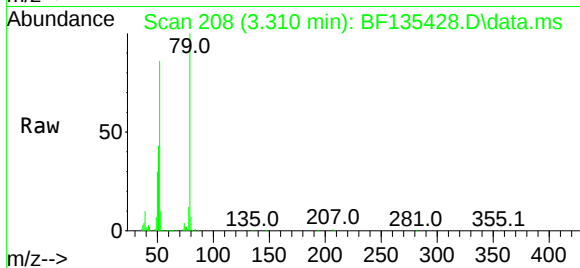
#3
Pyridine
Concen: 43.440 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

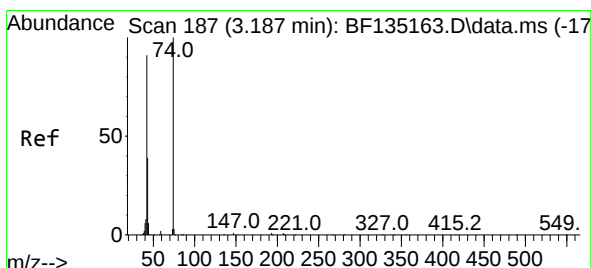
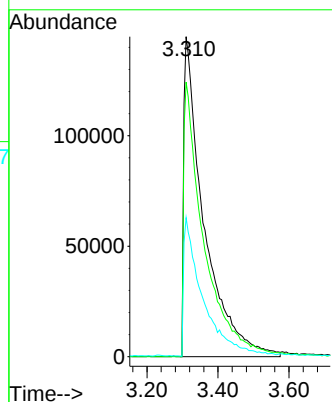
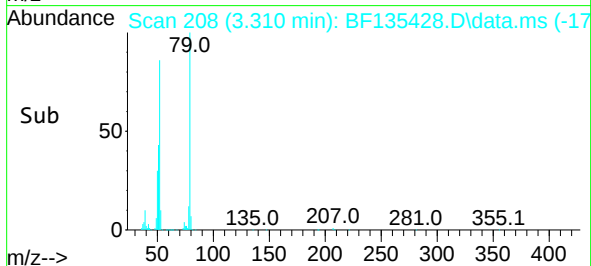
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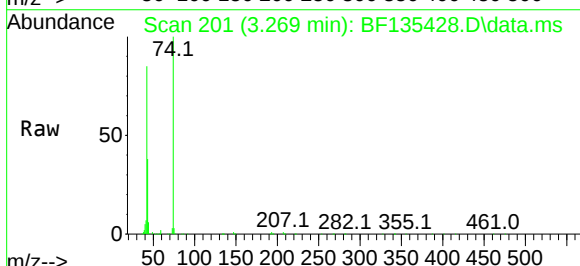
Tgt Ion: 79 Resp: 56532
Ion Ratio Lower Upper
79 100
52 85.8 74.1 111.1
51 43.4 35.8 53.8

Manual Integrations
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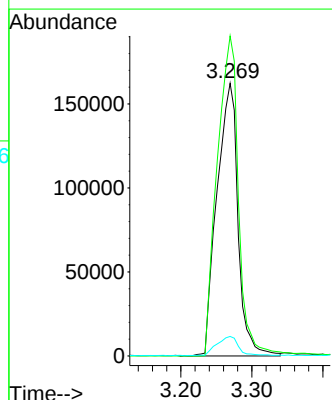
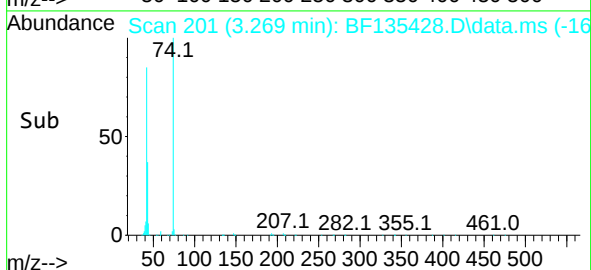
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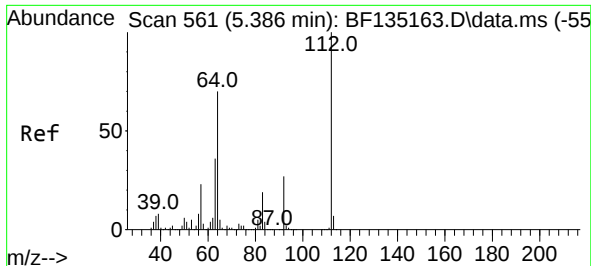


#4
n-Nitrosodimethylamine
Concen: 48.327 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion: 42 Resp: 333736
Ion Ratio Lower Upper
42 100
74 117.4 87.7 131.5
44 7.2 5.6 8.4





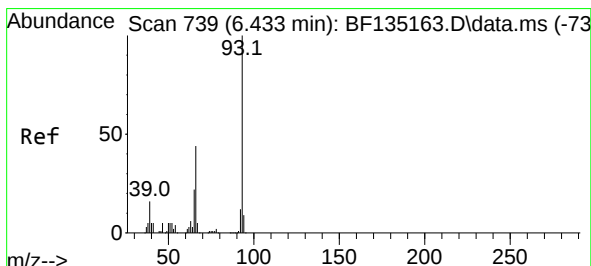
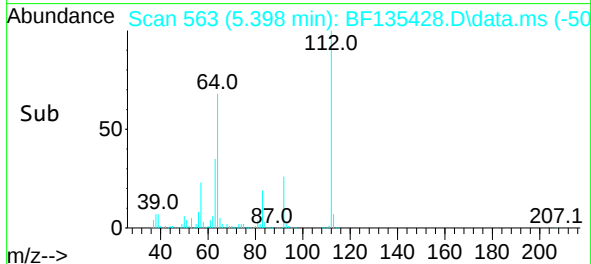
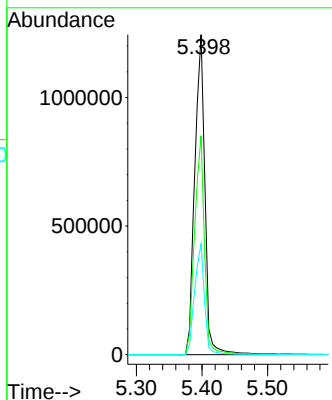
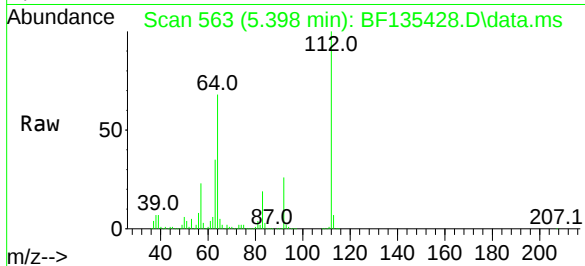
#5
2-Fluorophenol
Concen: 122.581 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:112 Resp: 1352080
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 34.6 29.0 43.6

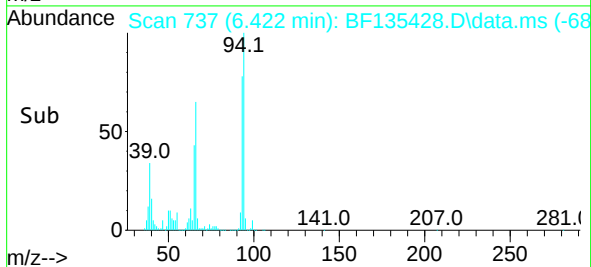
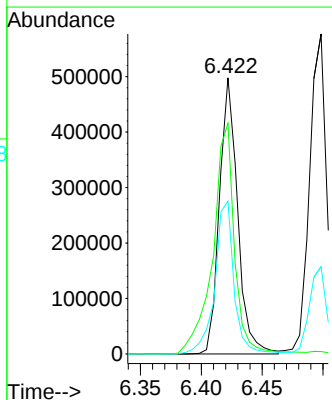
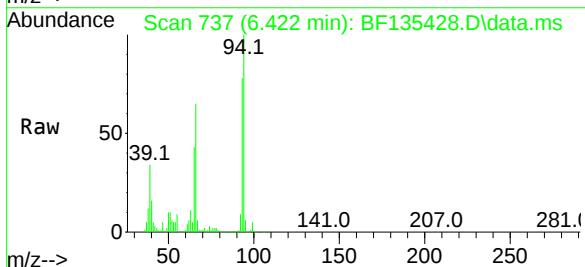
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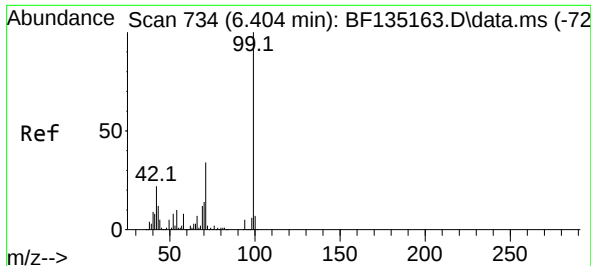
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#6
Aniline
Concen: 28.194 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

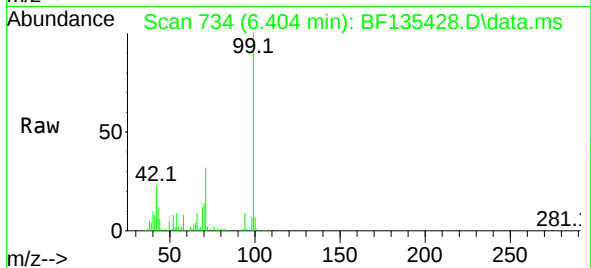
Tgt Ion: 93 Resp: 518541
Ion Ratio Lower Upper
93 100
66 83.5 35.4 53.0#
65 55.3 17.8 26.8#





#7
Phenol-d6
Concen: 122.866 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

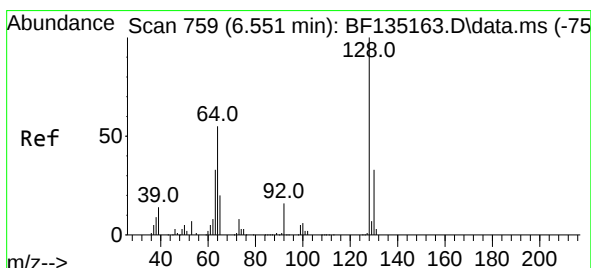
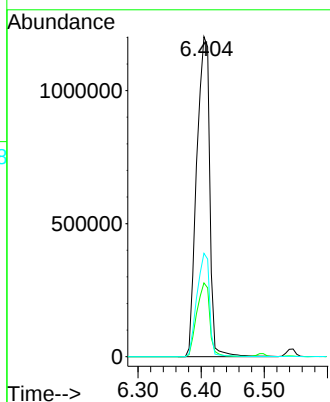
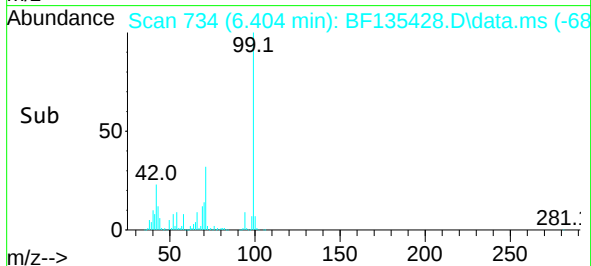
Instrument :
BNA_F
ClientSampleId :
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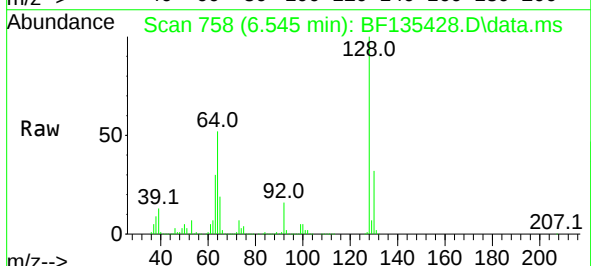
Tgt Ion: 99 Resp: 1723238
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.3 27.0 40.6

Manual Integrations
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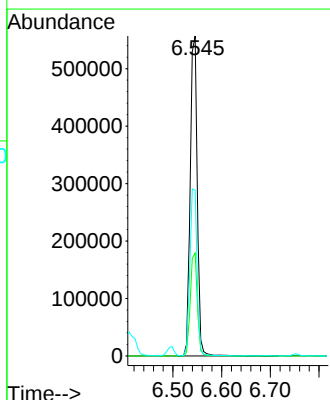
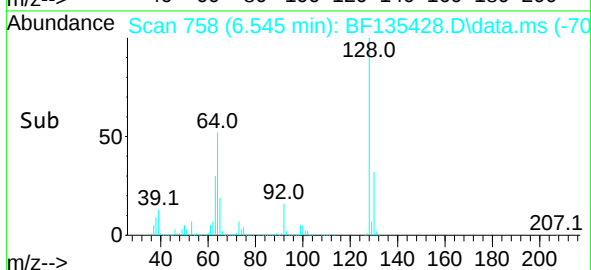
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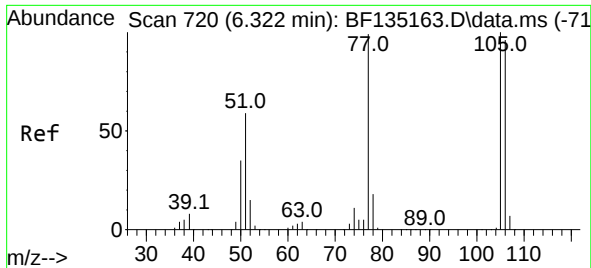


#8
2-Chlorophenol
Concen: 47.503 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:128 Resp: 559331
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 51.7 35.9 75.9





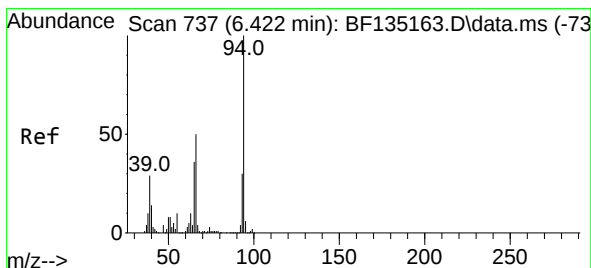
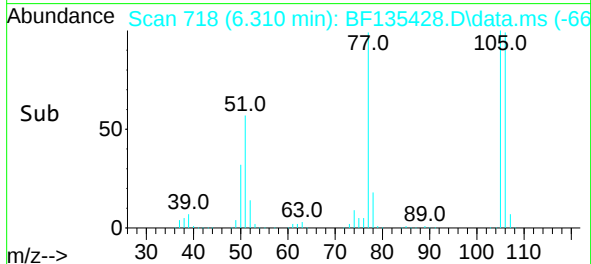
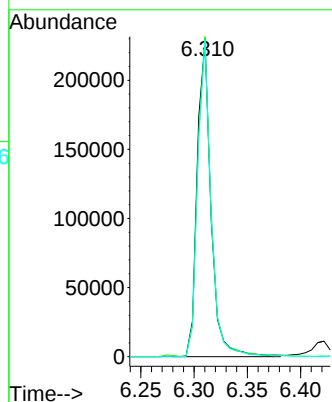
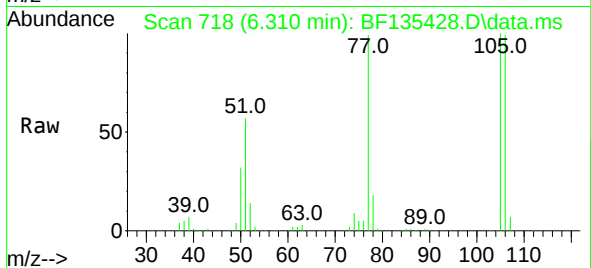
#9
Benzaldehyde
Concen: 25.972 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion: 77 Resp: 207518
Ion Ratio Lower Upper
77 100
105 101.5 81.4 121.4
106 100.1 76.9 116.9

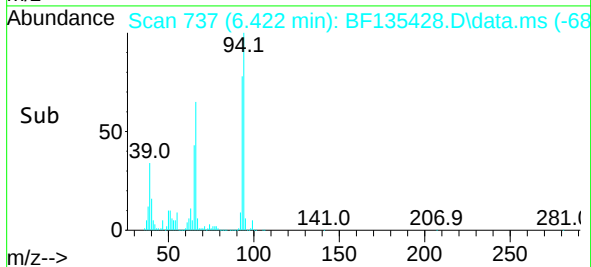
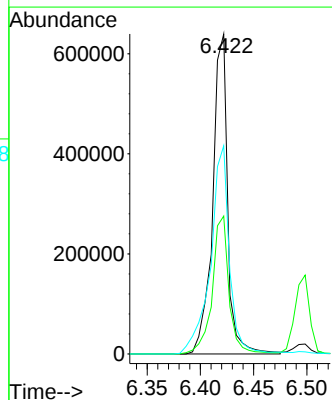
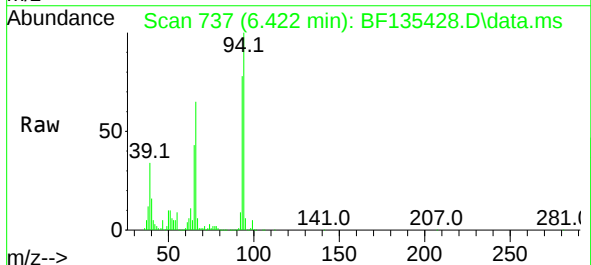
Manual Integrations
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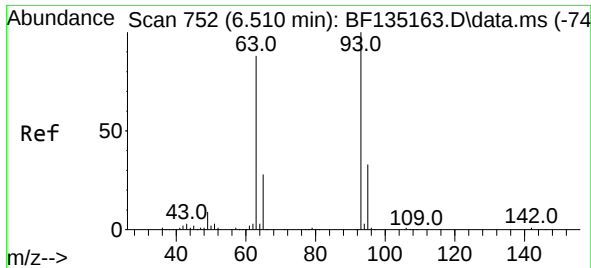
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#10
Phenol
Concen: 40.988 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion: 94 Resp: 630372
Ion Ratio Lower Upper
94 100
65 43.1 15.9 55.9
66 65.0 29.8 69.8





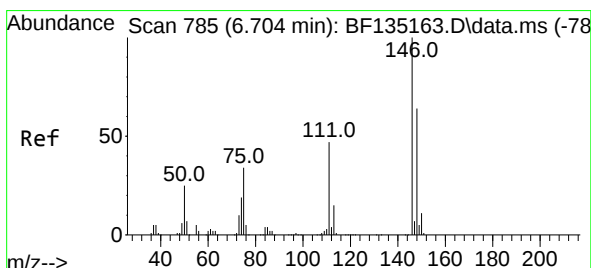
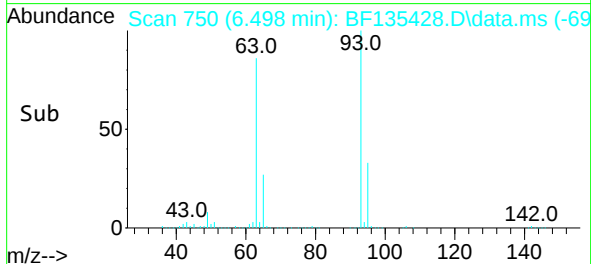
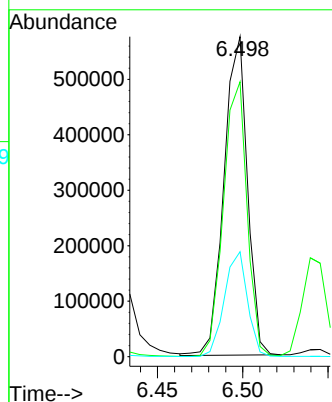
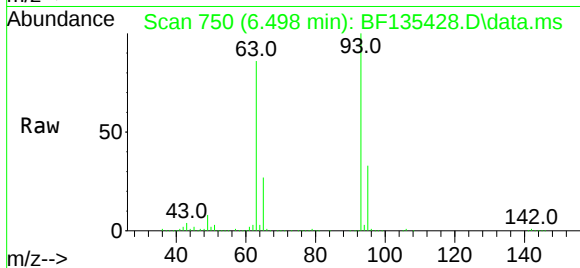
#11
bis(2-Chloroethyl)ether
Concen: 47.687 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion: 93 Resp: 55012
Ion Ratio Lower Upper
93 100
63 85.9 67.3 107.3
95 32.8 12.7 52.7

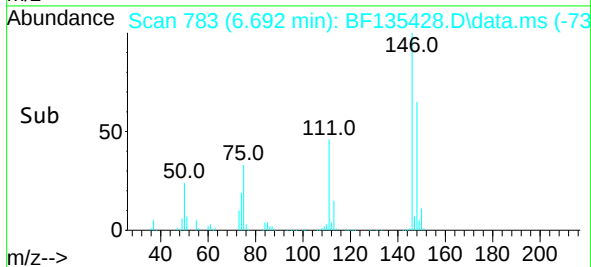
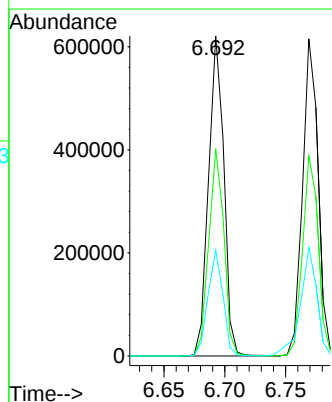
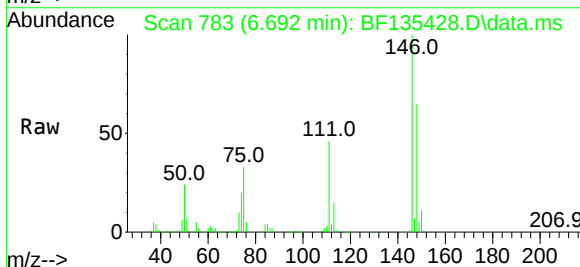
Manual Integrations
APPROVED

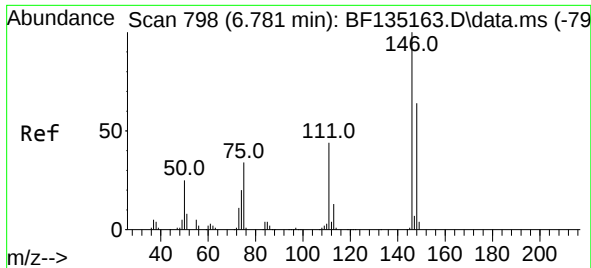
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#12
1,3-Dichlorobenzene
Concen: 45.360 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:146 Resp: 542793
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.0 27.4 41.2





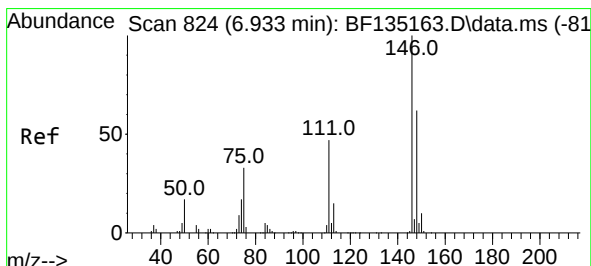
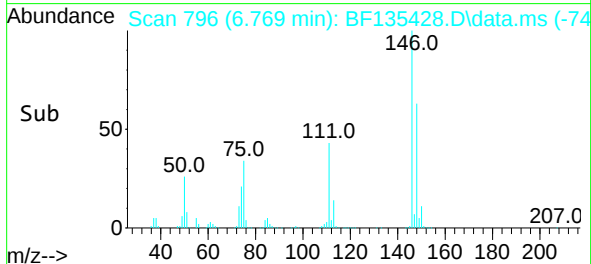
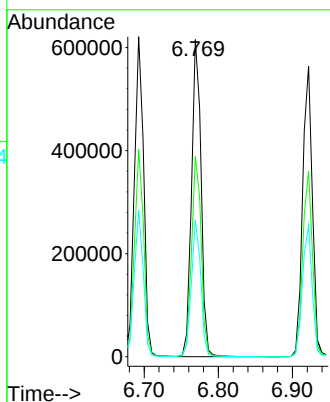
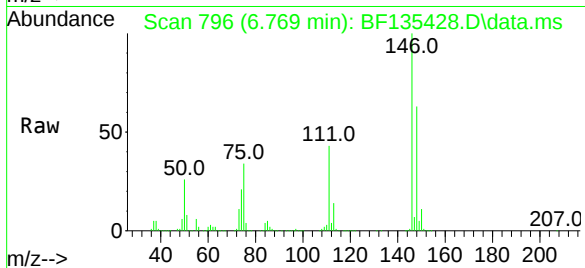
#13
1,4-Dichlorobenzene
Concen: 45.307 ng
RT: 6.769 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:146 Resp: 55160
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
111 43.0 35.1 52.7

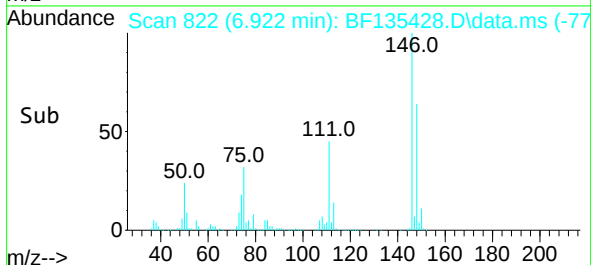
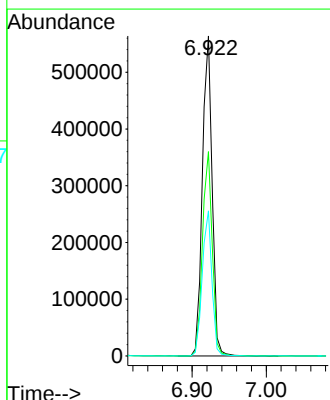
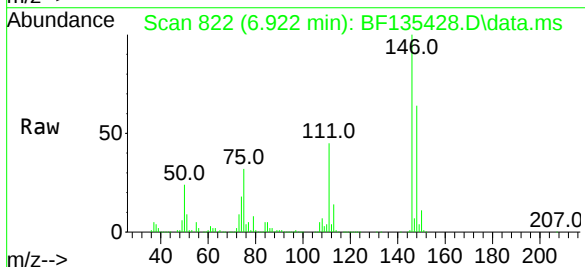
Manual Integrations
APPROVED

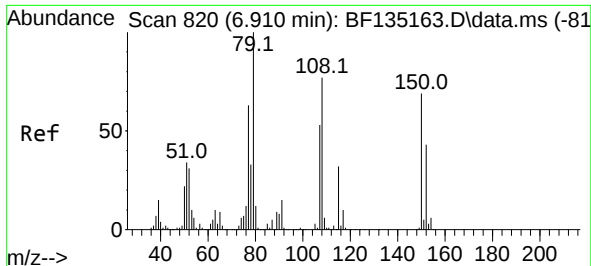
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#14
1,2-Dichlorobenzene
Concen: 45.622 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:146 Resp: 515805
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 45.3 37.4 56.2





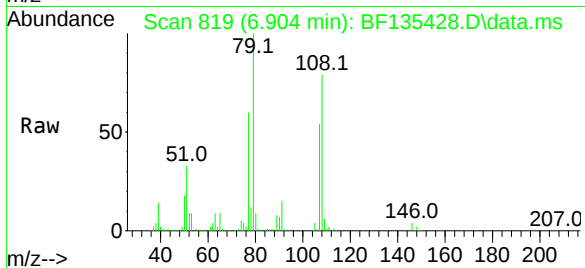
#15
Benzyl Alcohol
Concen: 43.706 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

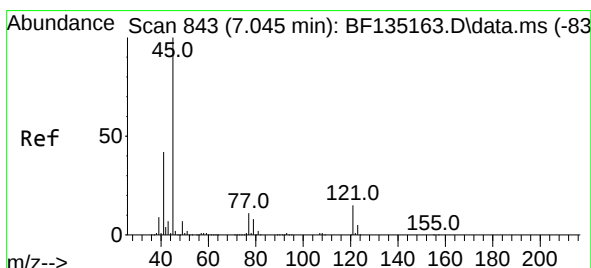
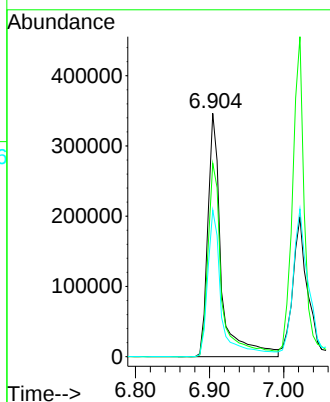
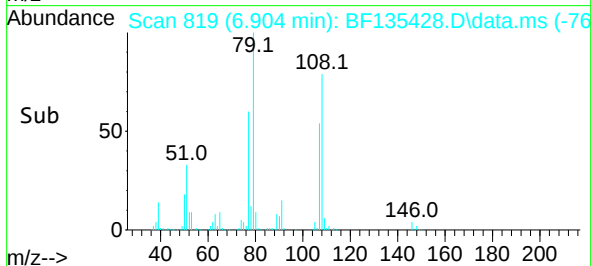


Tgt Ion: 79 Resp: 439880
Ion Ratio Lower Upper
79 100
108 79.5 61.2 91.8
77 60.3 50.5 75.7

Manual Integrations

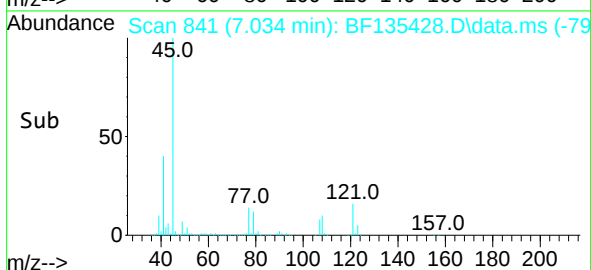
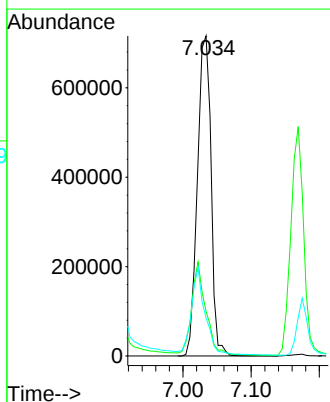
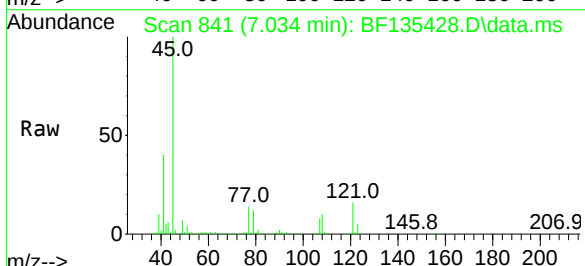
APPROVED

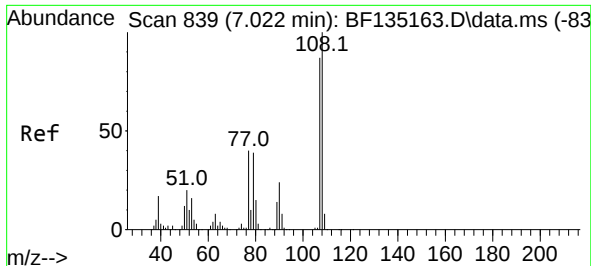
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.664 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion: 45 Resp: 992944
Ion Ratio Lower Upper
45 100
77 14.0 0.0 30.6
79 11.9 0.0 28.3





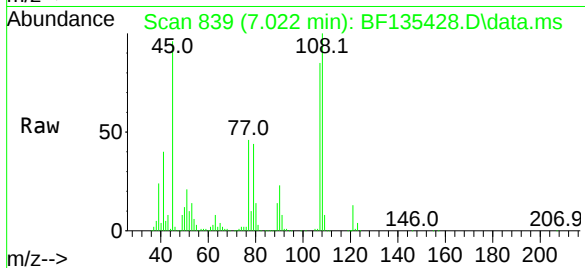
#17
2-Methylphenol
Concen: 42.391 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

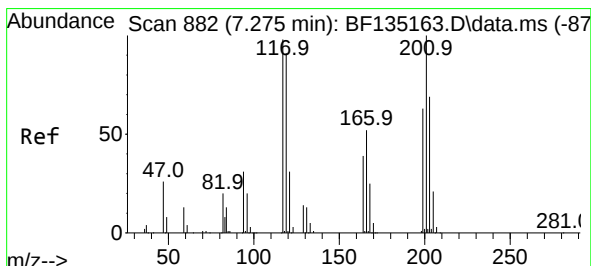
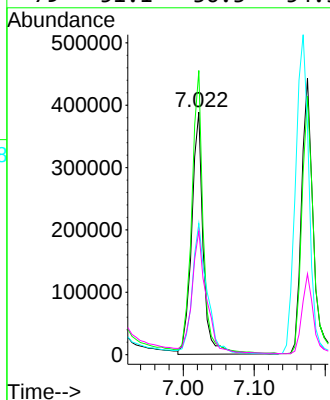
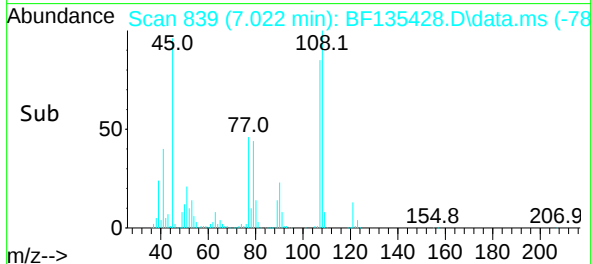


Tgt Ion:107 Resp: 44046
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 54.1 36.7 55.1
79 51.1 36.3 54.5

Manual Integrations

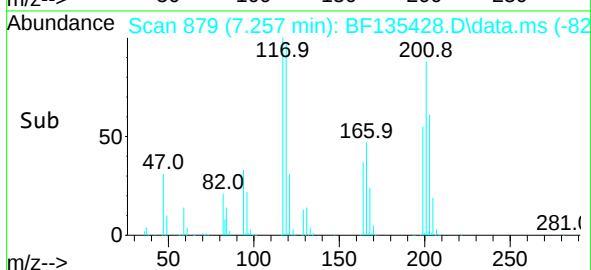
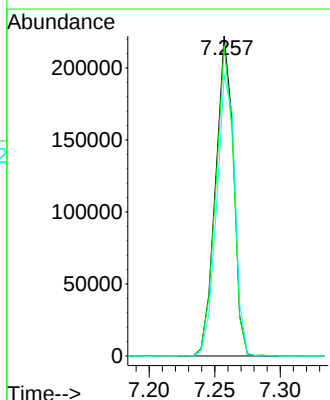
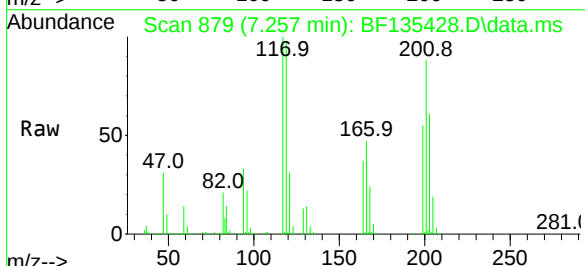
APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#18
Hexachloroethane
Concen: 46.678 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:117 Resp: 209976
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 87.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.773 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135428.D

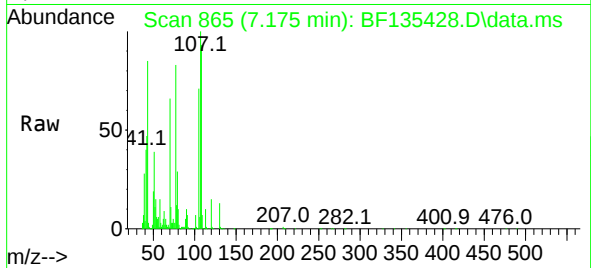
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion: 70 Resp: 345520

Ion Ratio Lower Upper

70 100

42 71.6 55.4 83.0

101 9.9 7.7 11.5

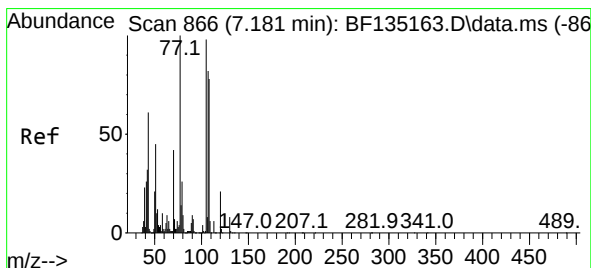
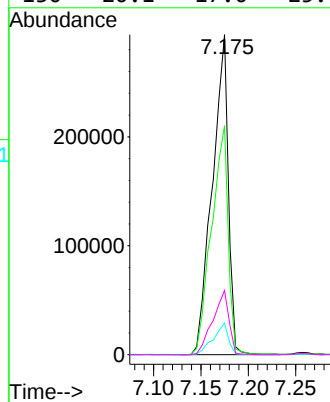
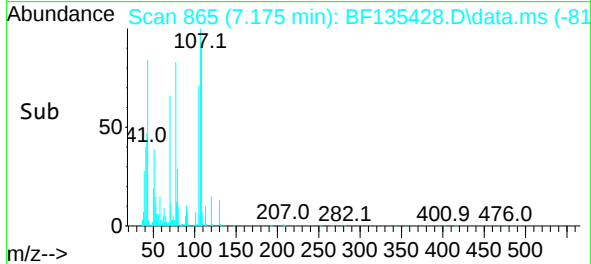
130 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#20

3+4-Methylphenols

Concen: 39.780 ng

RT: 7.175 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:107 Resp: 497028

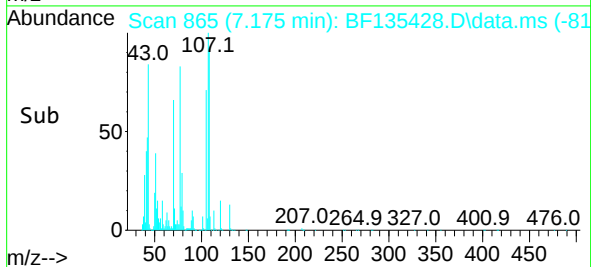
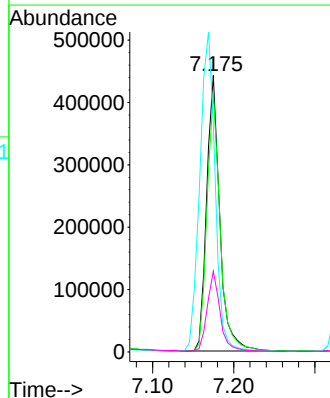
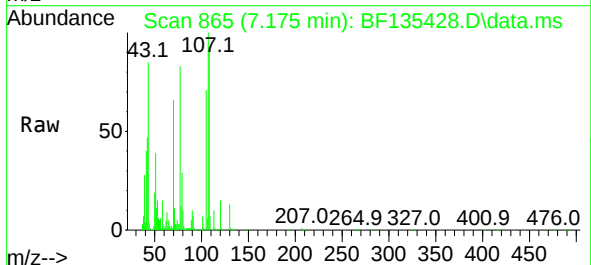
Ion Ratio Lower Upper

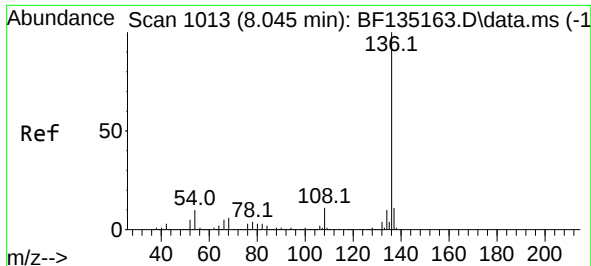
107 100

108 93.5 74.7 114.7

77 82.6 102.0 142.0#

79 29.2 11.7 51.7





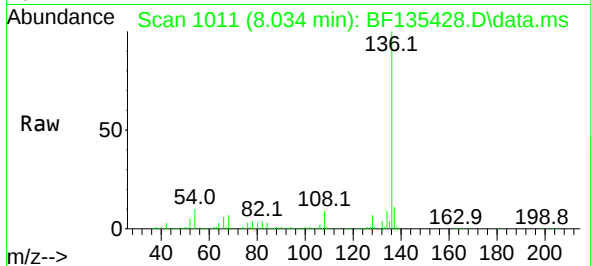
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

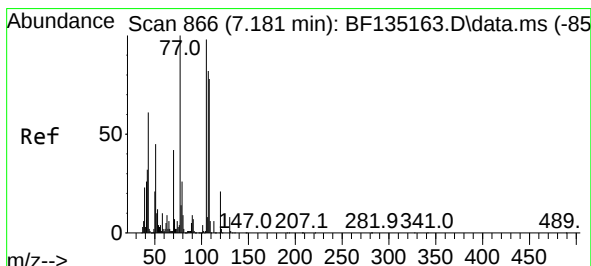
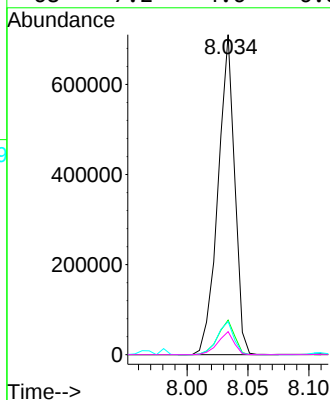
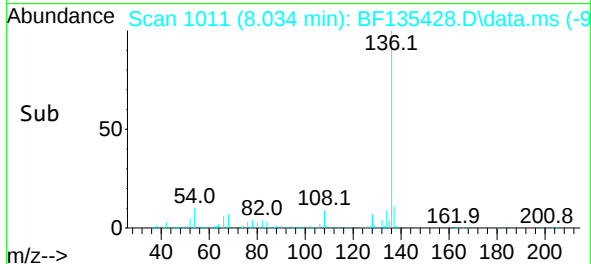


Tgt Ion:136 Resp: 676485
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 7.2 4.6 6.8#

Manual Integrations

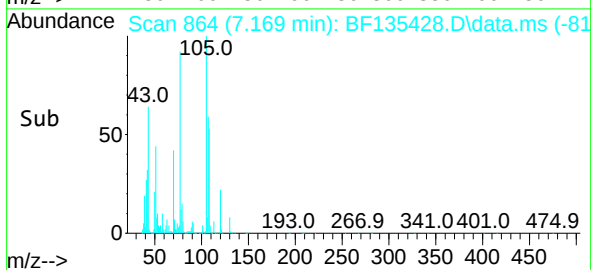
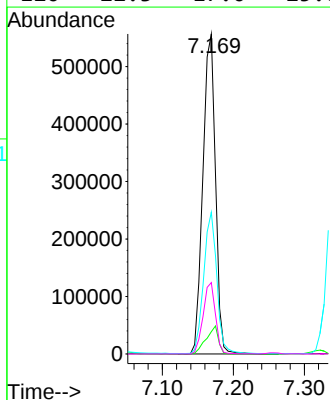
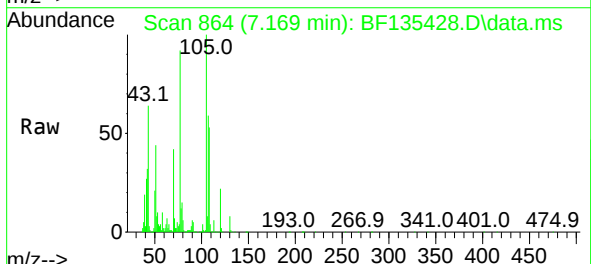
APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#22
Acetophenone
Concen: 44.587 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:105 Resp: 689598
Ion Ratio Lower Upper
105 100
71 7.0 5.8 8.6
51 44.3 37.0 55.4
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.988 ng

RT: 7.322 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion: 82 Resp: 110803

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

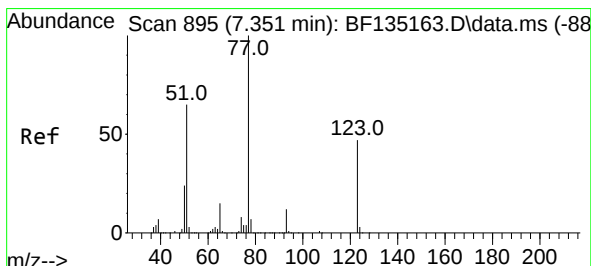
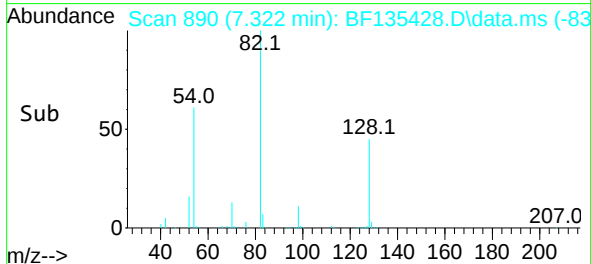
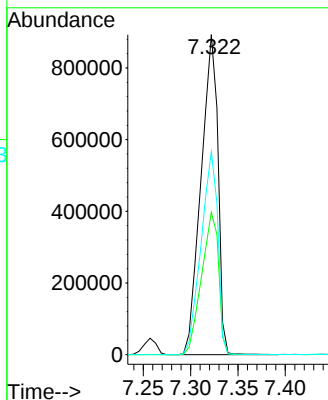
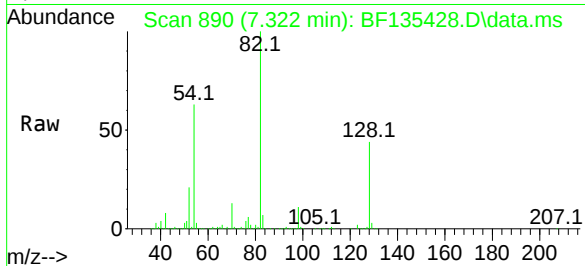
54 63.4 50.6 76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#24

Nitrobenzene

Concen: 46.407 ng

RT: 7.340 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

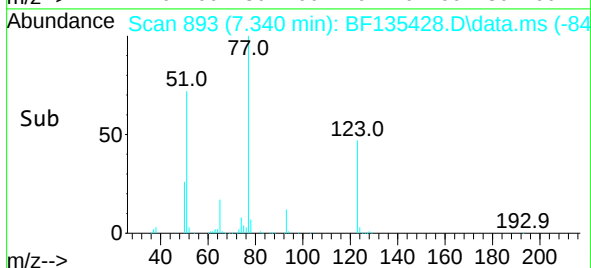
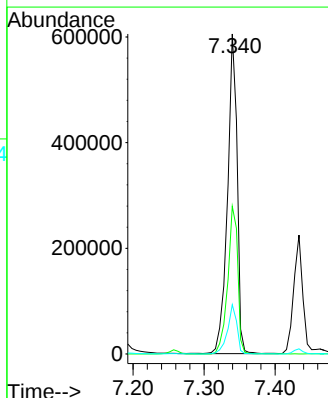
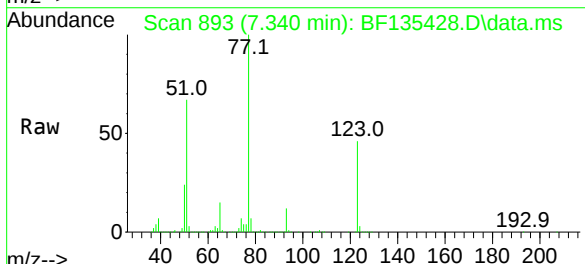
Tgt Ion: 77 Resp: 571135

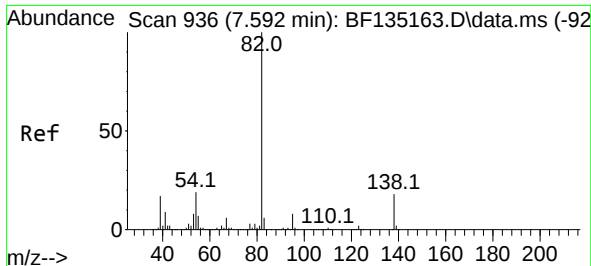
Ion Ratio Lower Upper

77 100

123 46.1 37.6 56.4

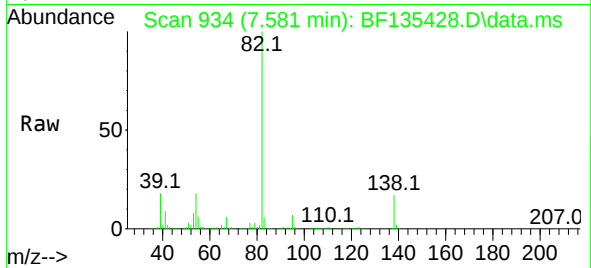
65 15.4 12.2 18.4





#25
Isophorone
Concen: 46.016 ng
RT: 7.581 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

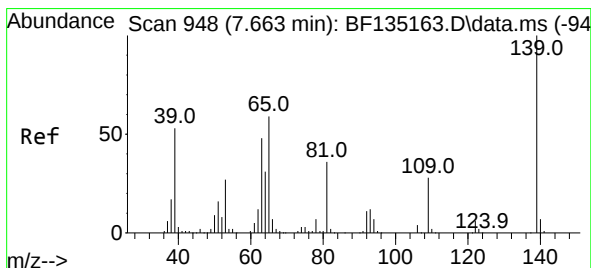
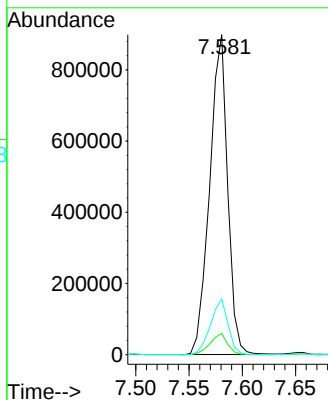
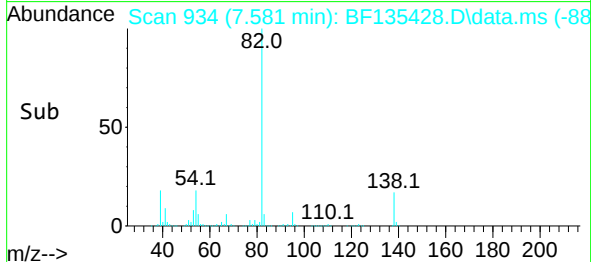
Instrument :
BNA_F
ClientSampleId :
PB155524BS



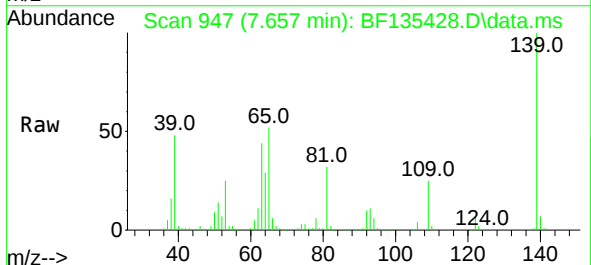
Tgt Ion: 82 Resp: 1052118
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 17.4 14.5 21.7

Manual Integrations
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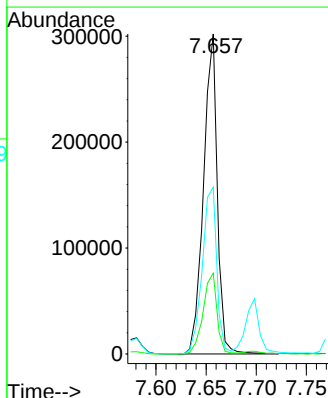
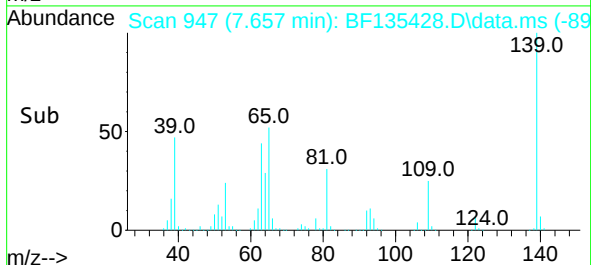
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#26
2-Nitrophenol
Concen: 49.184 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:139 Resp: 290517
Ion Ratio Lower Upper
139 100
109 25.2 22.6 33.8
65 52.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.569 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135428.D

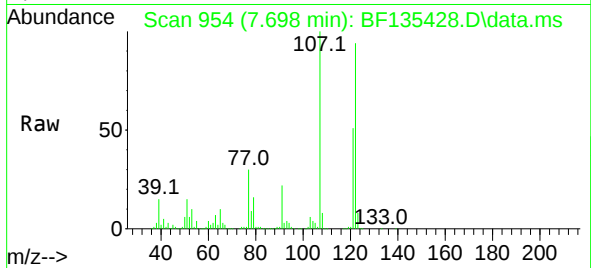
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:122 Resp: 472289

Ion Ratio Lower Upper

122 100

107 106.7 90.2 135.4

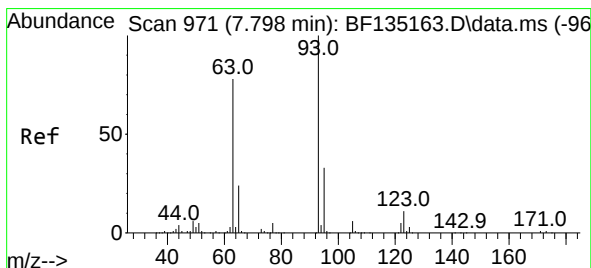
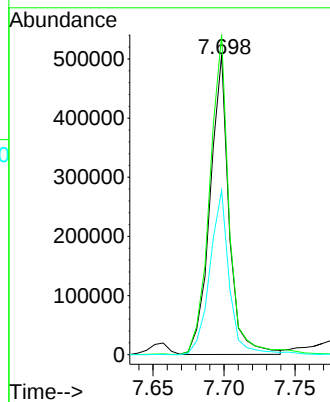
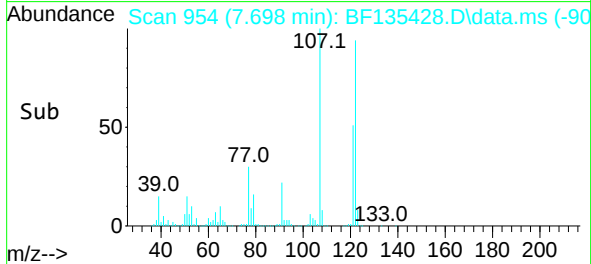
121 54.8 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.509 ng

RT: 7.787 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

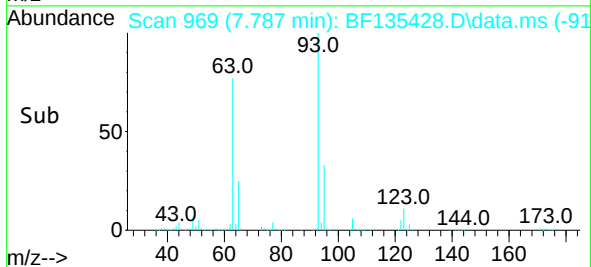
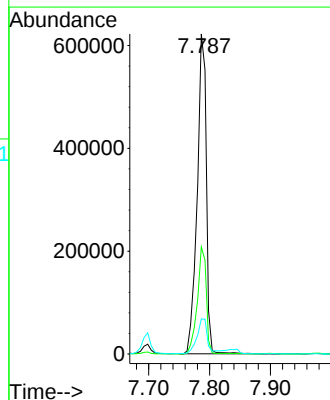
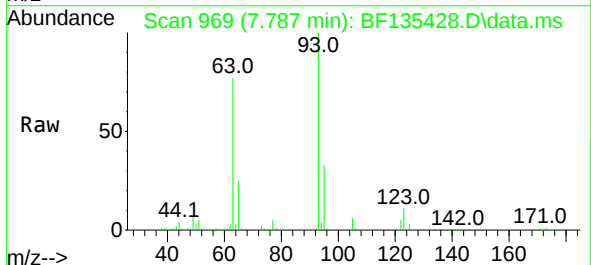
Tgt Ion: 93 Resp: 650166

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.233 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135428.D

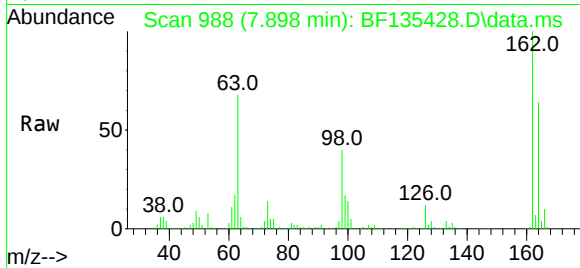
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



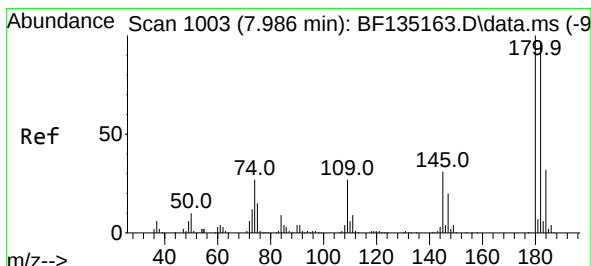
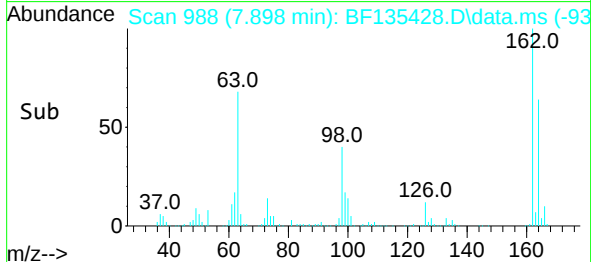
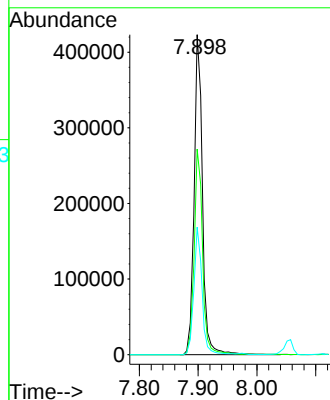
Tgt Ion:162	Resp:	41614
Ion Ratio	Lower	Upper
162	100	
164	64.2	44.1 84.1
98	39.8	20.3 60.3

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 46.723 ng

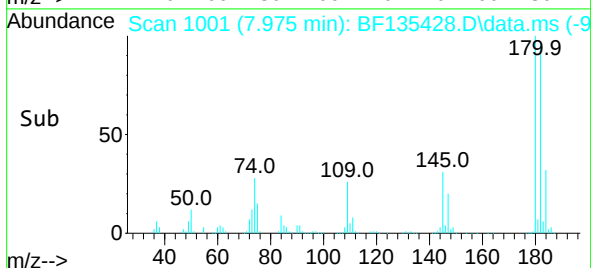
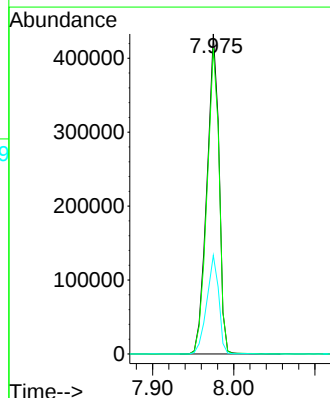
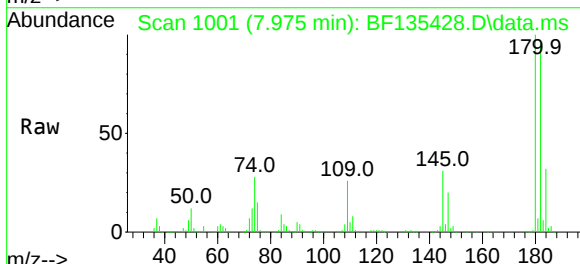
RT: 7.975 min Scan# 1001

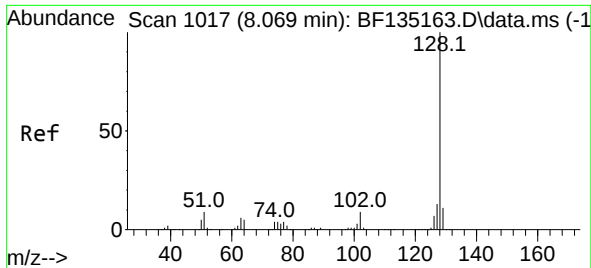
Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:180	Resp:	449290
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.9 115.3
145	30.8	24.5 36.7





#31
Naphthalene
Concen: 45.365 ng
RT: 8.057 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

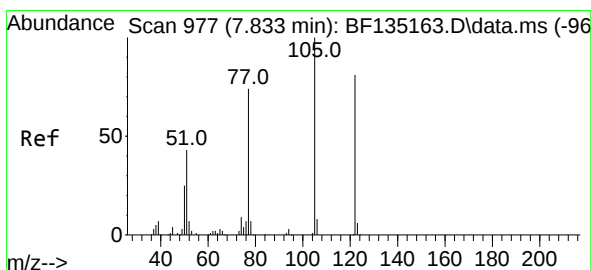
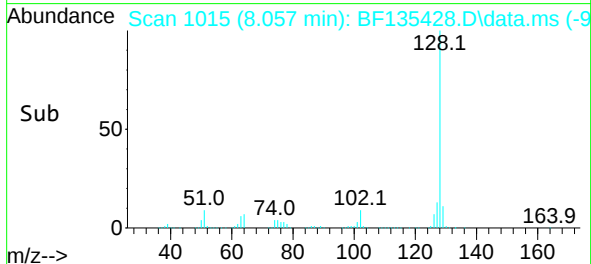
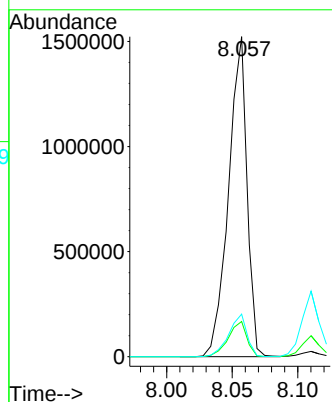
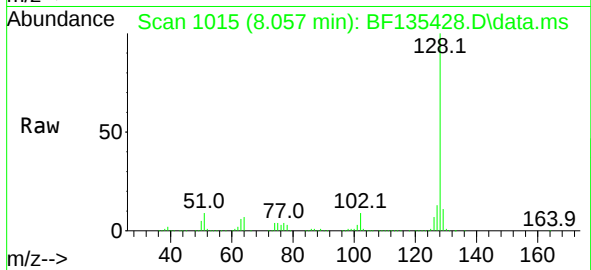
PB155524BS

Tgt Ion:128 Resp: 1491074
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

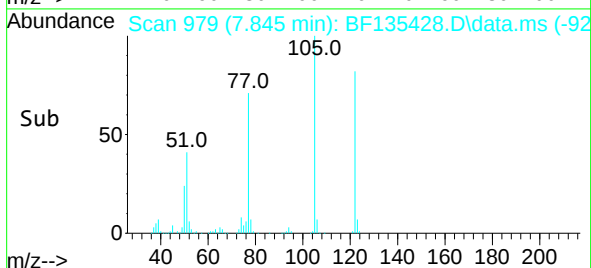
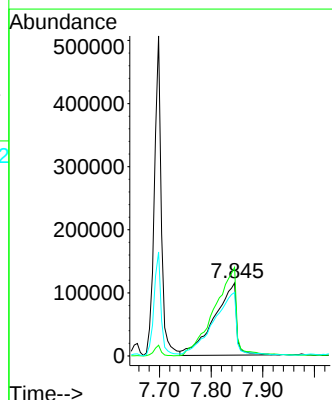
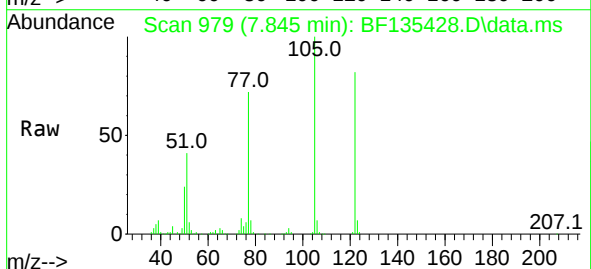
APPROVED

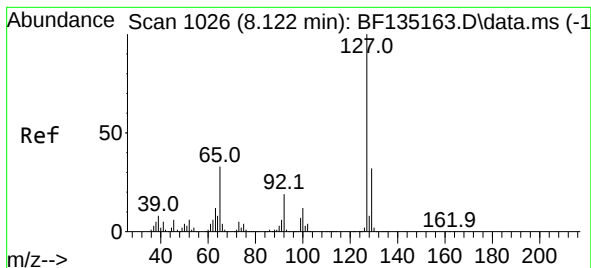
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#32
Benzoic acid
Concen: 46.270 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.018 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:122 Resp: 345926
Ion Ratio Lower Upper
122 100
105 121.4 99.9 139.9
77 87.0 70.0 110.0





#33

4-Chloroaniline

Concen: 21.574 ng

RT: 8.110 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:127 Resp: 311118

Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.8

65 32.9 26.6 39.8

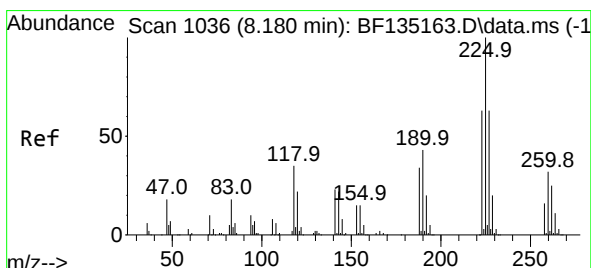
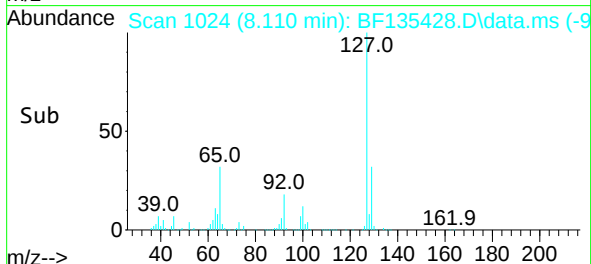
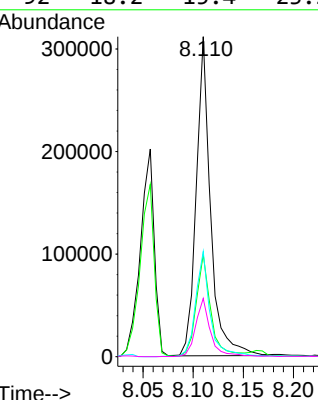
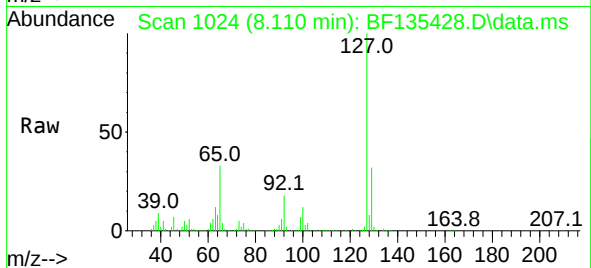
92 18.2 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#34

Hexachlorobutadiene

Concen: 42.915 ng

RT: 8.169 min Scan# 1034

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

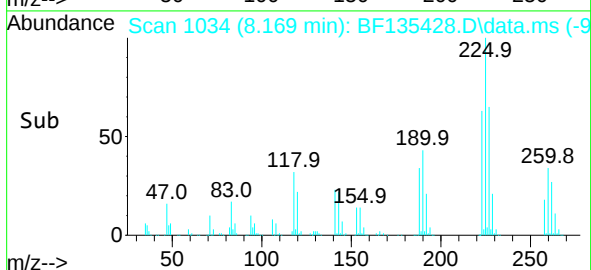
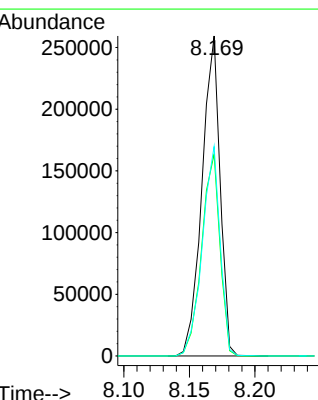
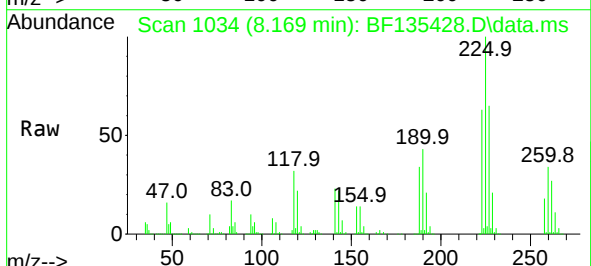
Tgt Ion:225 Resp: 248832

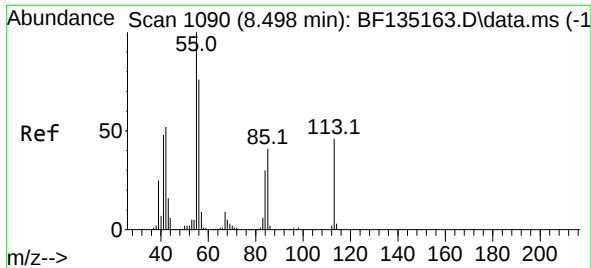
Ion Ratio Lower Upper

225 100

223 63.0 50.6 75.8

227 65.4 50.8 76.2





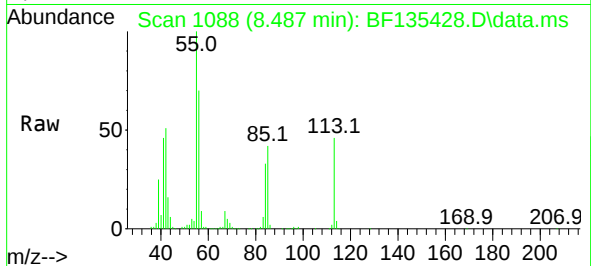
#35
Caprolactam
Concen: 45.251 ng m
RT: 8.487 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



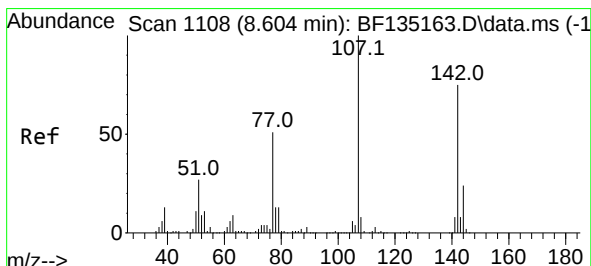
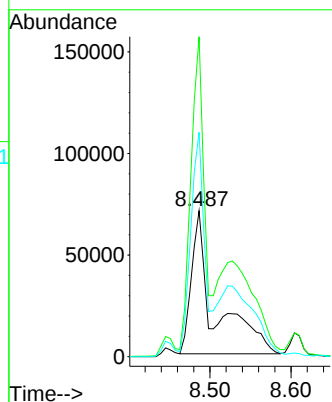
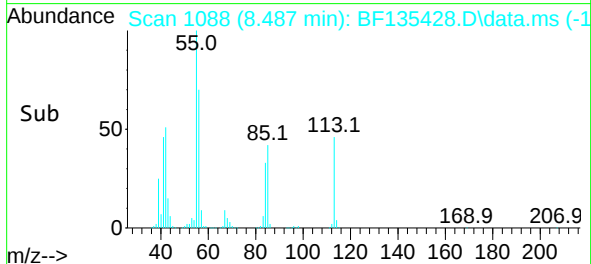
Tgt Ion:113 Resp: 139718
Ion Ratio Lower Upper
113 100
55 219.2 199.3 239.3
56 153.6 146.3 186.3

Manual Integrations

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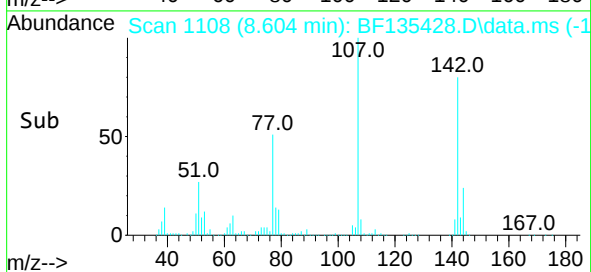
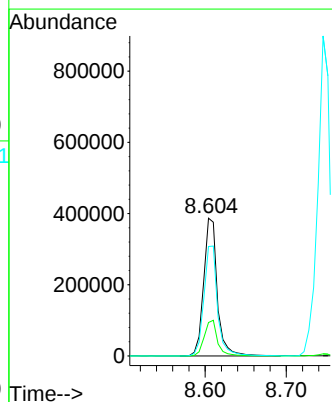
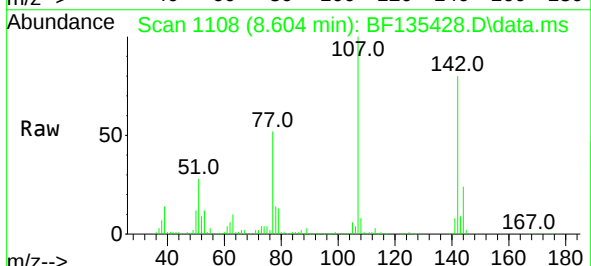
Reviewed By :Yogesh Patel 09/26/2023

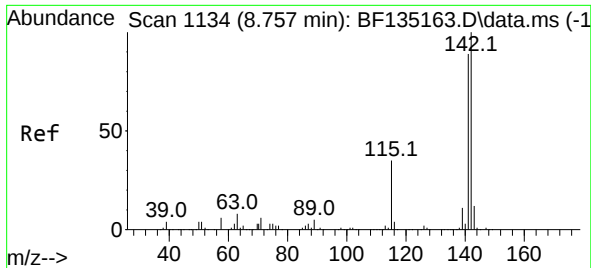
Supervised By :Jagrut Upadhyay 09/26/2023



#36
4-Chloro-3-methylphenol
Concen: 44.191 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:107 Resp: 451850
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.4
142 79.5 60.2 90.2





#37
2-Methylnaphthalene
Concen: 41.422 ng
RT: 8.745 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

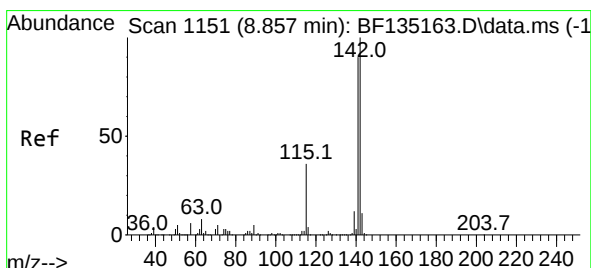
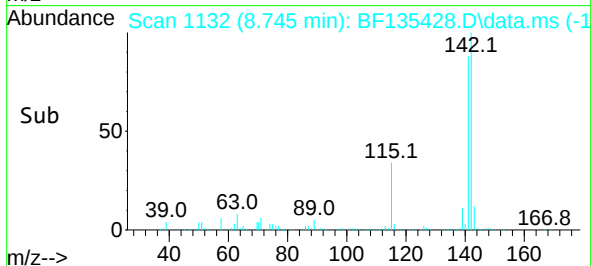
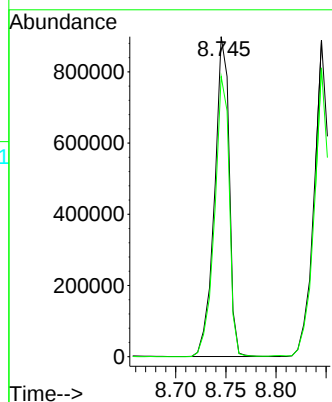
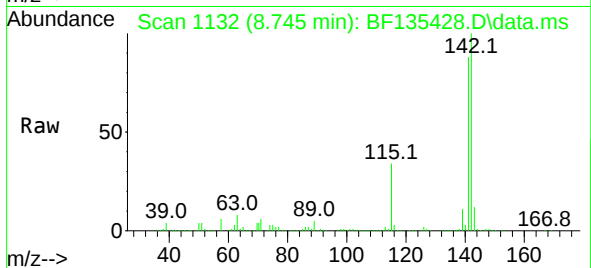
PB155524BS

Tgt Ion:142 Resp: 915170
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6

Manual Integrations

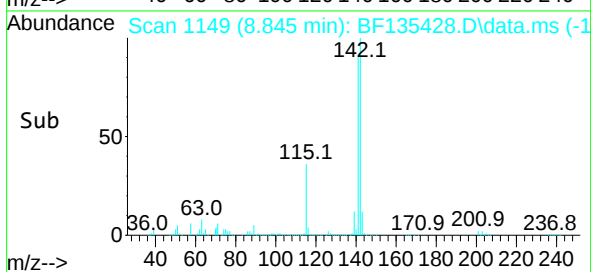
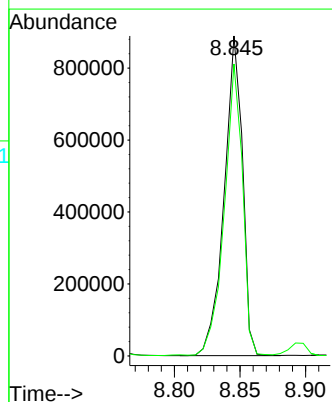
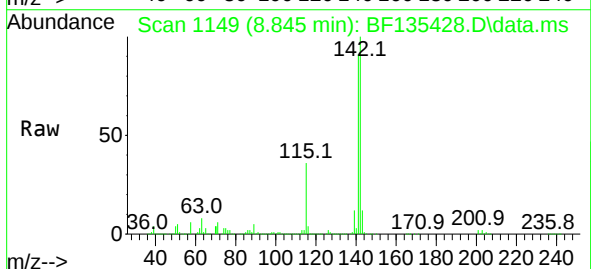
APPROVED

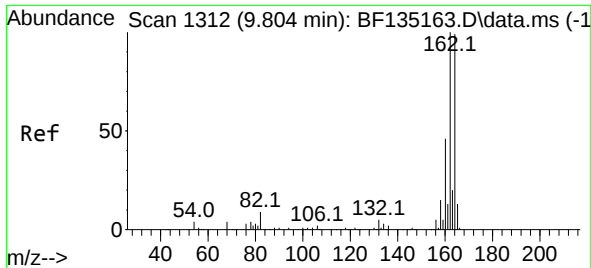
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#38
1-Methylnaphthalene
Concen: 41.670 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:142 Resp: 861953
Ion Ratio Lower Upper
142 100
141 91.2 72.4 108.6





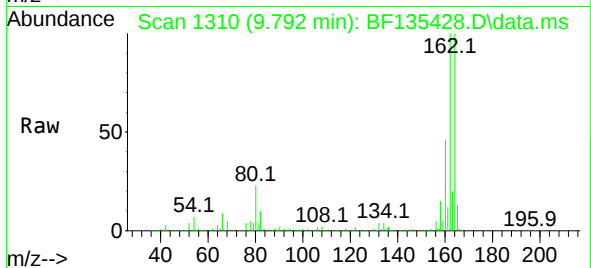
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



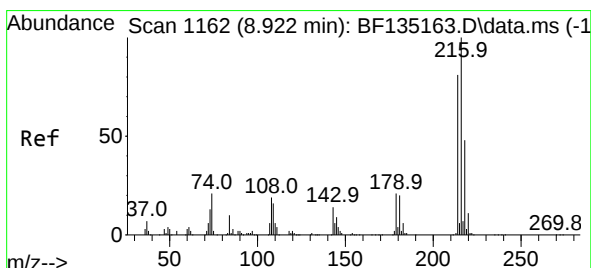
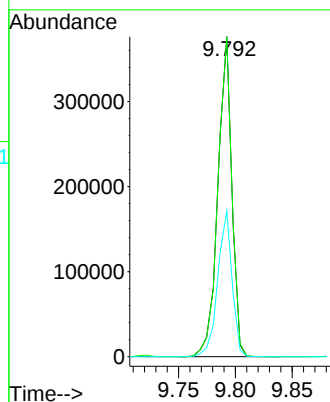
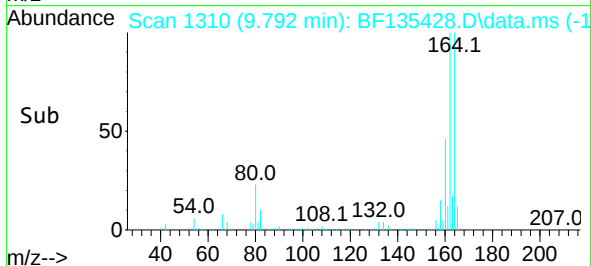
Tgt Ion:164 Resp: 32229
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.5 37.0 55.4

Manual Integrations

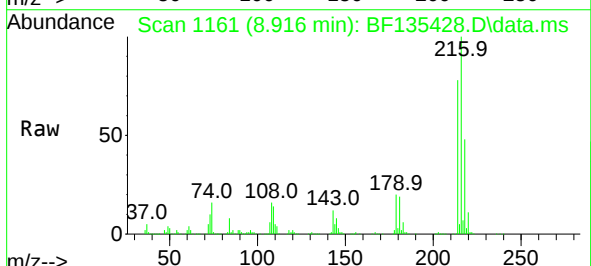
APPROVED

Reviewed By :Yogesh Patel 09/26/2023

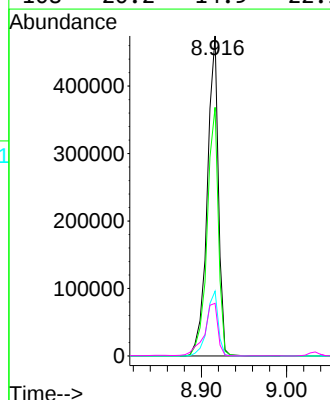
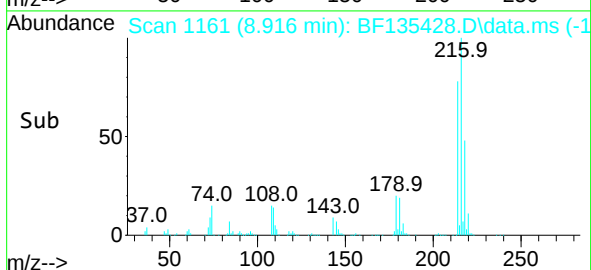
Supervised By :Jagrut Upadhyay 09/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.972 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



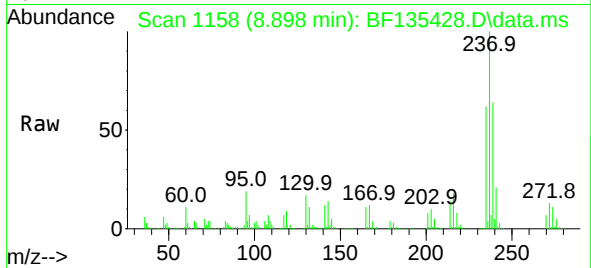
Tgt Ion:216 Resp: 429240
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 20.3 16.7 25.1
108 20.2 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 67.114 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

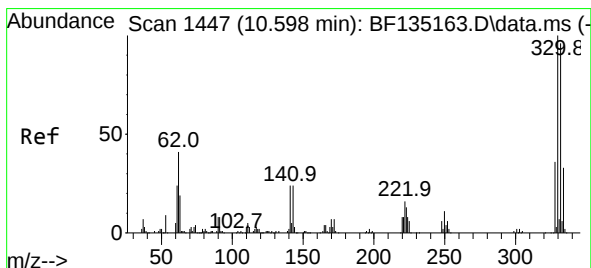
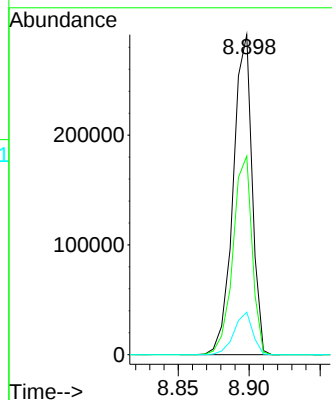
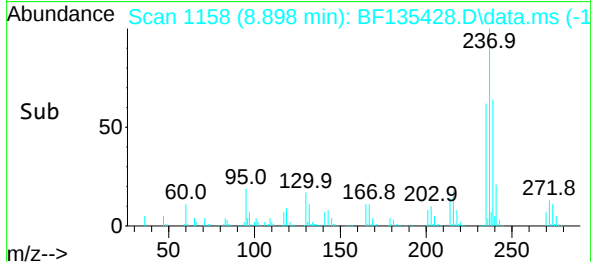
Instrument :
BNA_F
ClientSampleId :
PB155524BS



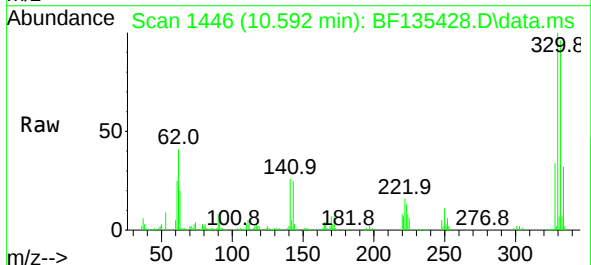
Tgt Ion: 237 Resp: 270729
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 13.3 0.0 33.6

Manual Integrations
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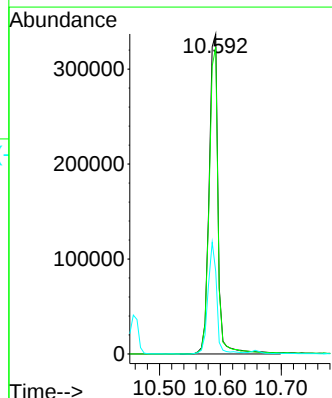
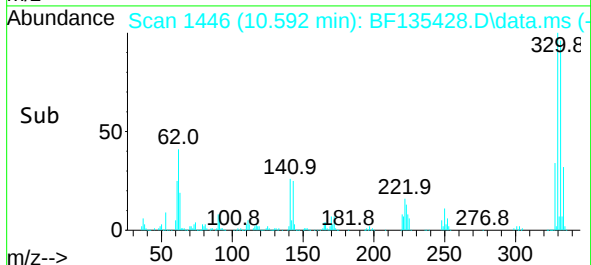
Reviewed By : Yogesh Patel 09/26/2023
Supervised By : Jagrut Upadhyay 09/26/2023

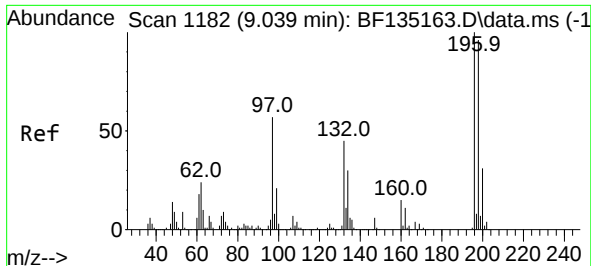


#42
2,4,6-Tribromophenol
Concen: 108.348 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



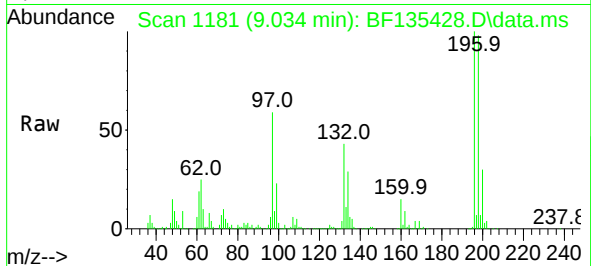
Tgt Ion: 330 Resp: 347015
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 44.629 ng
RT: 9.034 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

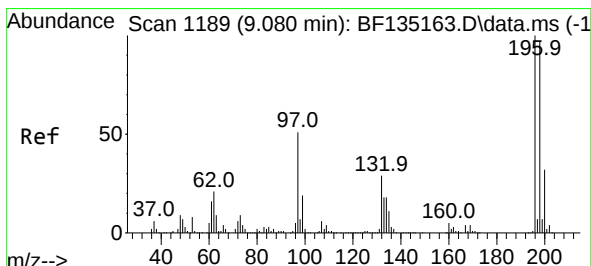
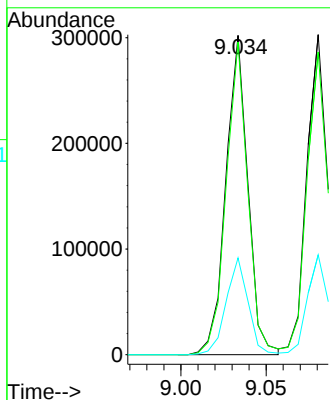
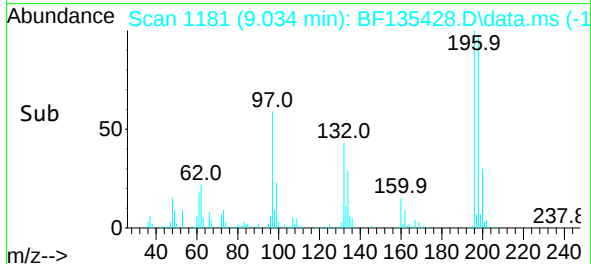
Instrument :
BNA_F
ClientSampleId :
PB155524BS



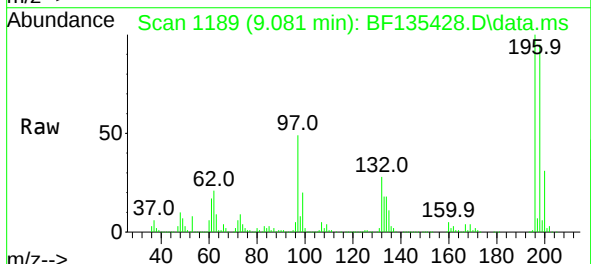
Tgt Ion:196 Resp: 272830
Ion Ratio Lower Upper
196 100
198 97.9 77.0 115.6
200 30.3 24.5 36.7

Manual Integrations
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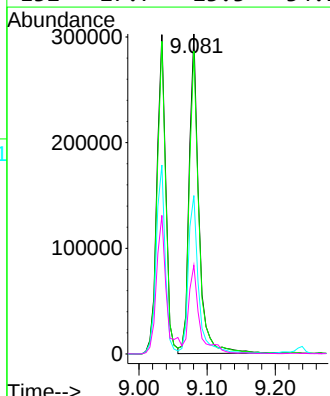
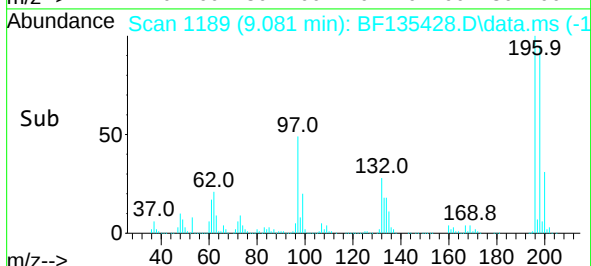
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

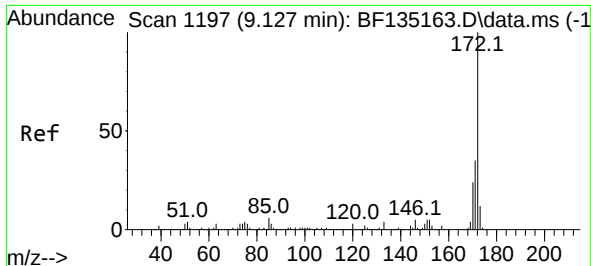


#44
2,4,5-Trichlorophenol
Concen: 42.098 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:196 Resp: 296378
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 49.5 40.5 60.7
132 27.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.336 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:172 Resp: 1737494

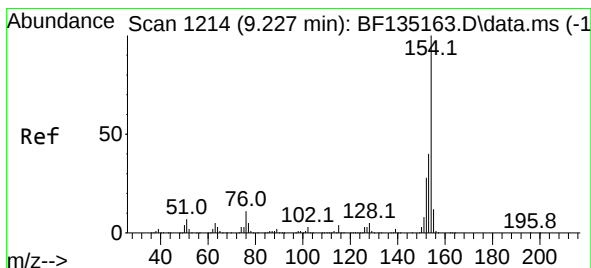
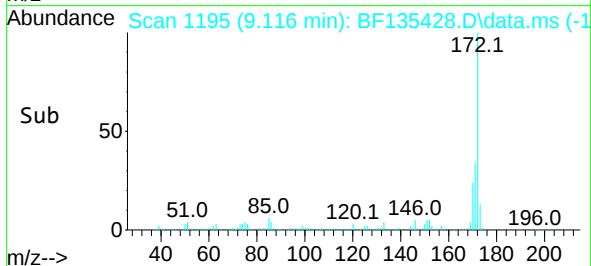
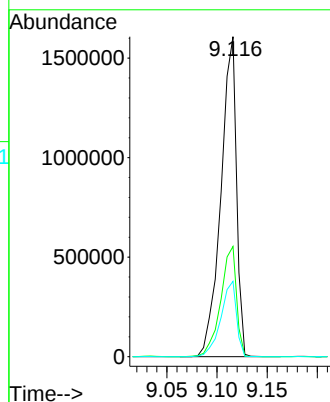
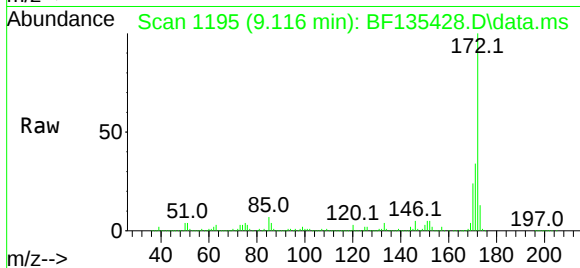
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.4	42.6
170	23.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#46

1,1'-Biphenyl

Concen: 44.801 ng

RT: 9.216 min Scan# 1212

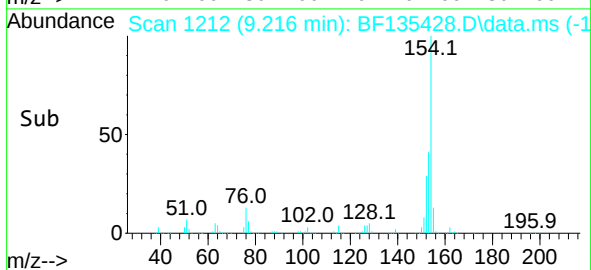
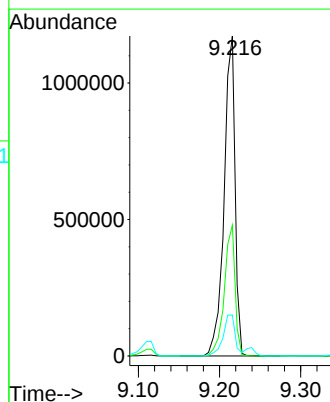
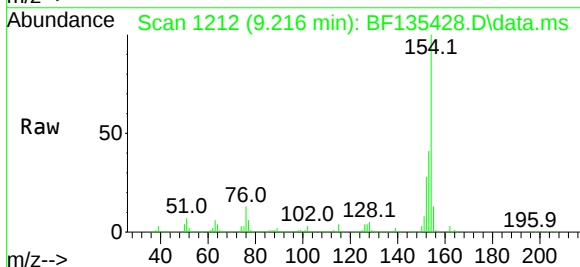
Delta R.T. -0.000 min

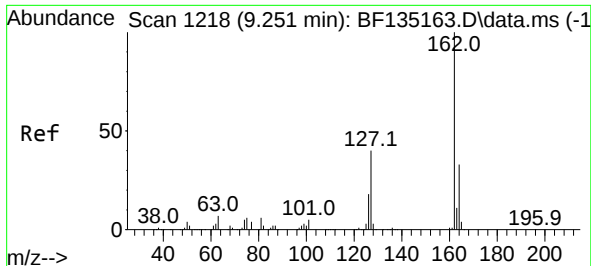
Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:154 Resp: 1109611

Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.6	59.6
76	12.8	0.0	31.0





#47
2-Chloronaphthalene
Concen: 46.670 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

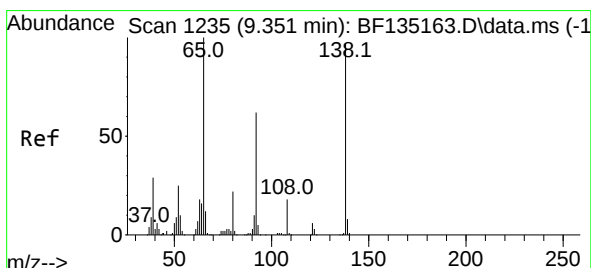
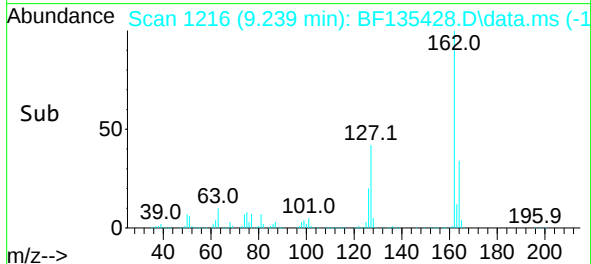
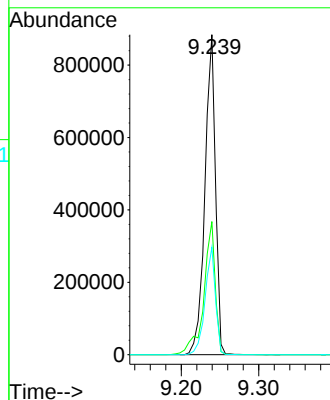
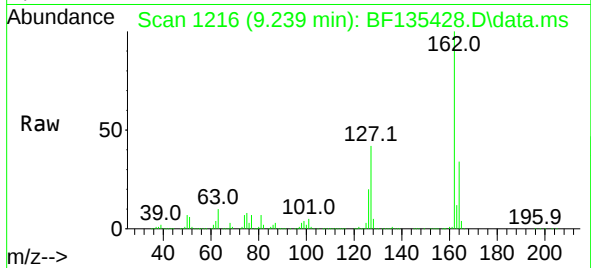
ClientSampleId :

PB155524BS

Tgt Ion:162 Resp: 83868
Ion Ratio Lower Upper
162 100
127 41.6 32.6 48.8
164 33.6 26.2 39.2

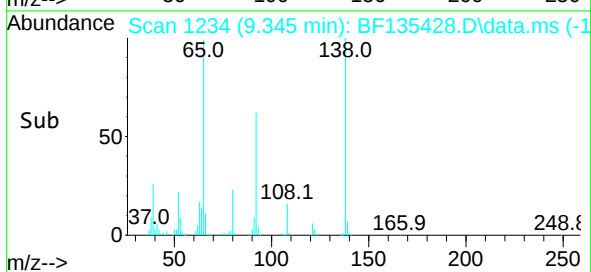
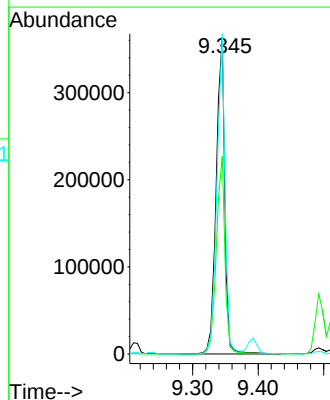
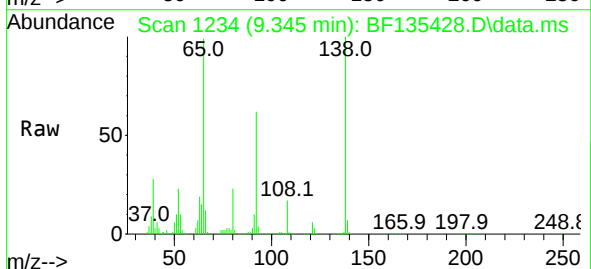
Manual Integrations
APPROVED

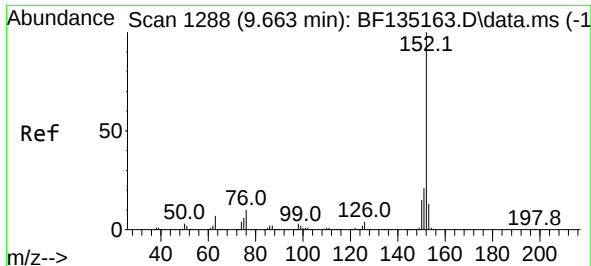
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#48
2-Nitroaniline
Concen: 47.528 ng
RT: 9.345 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion: 65 Resp: 331809
Ion Ratio Lower Upper
65 100
92 62.4 49.4 74.0
138 101.1 77.4 116.0





#49

Acenaphthylene

Concen: 43.585 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135428.D

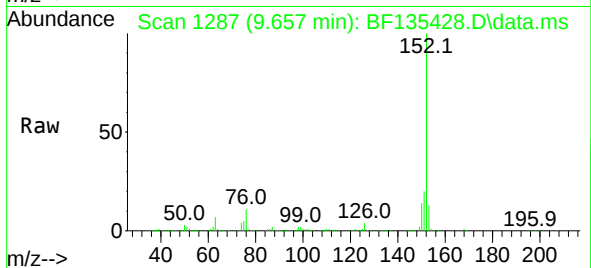
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:152 Resp: 130167

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

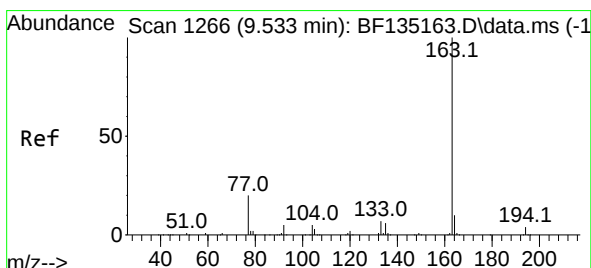
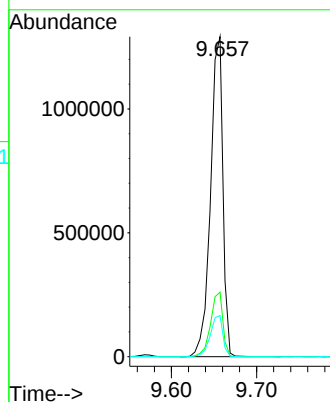
153 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#50

Dimethylphthalate

Concen: 42.522 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

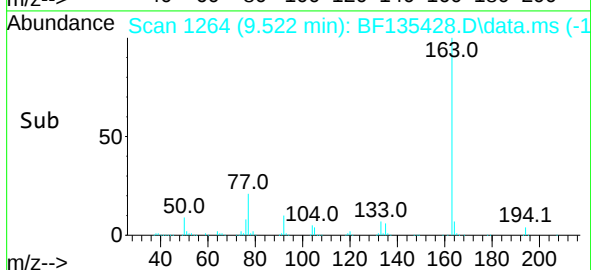
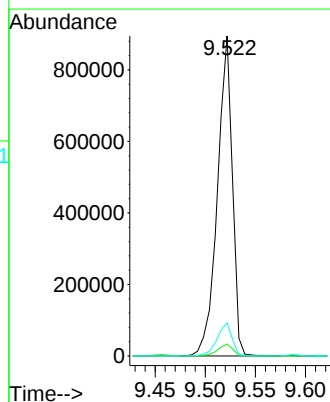
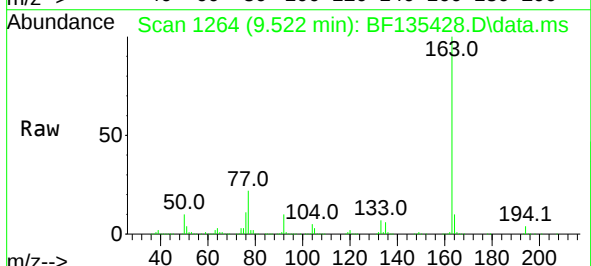
Tgt Ion:163 Resp: 926566

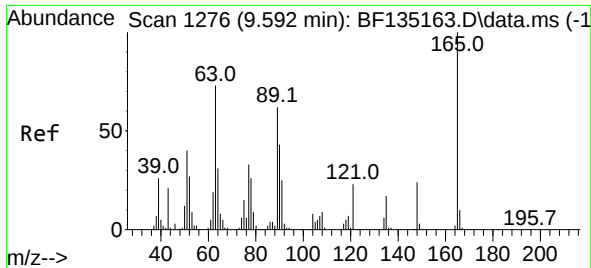
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.3 8.1 12.1





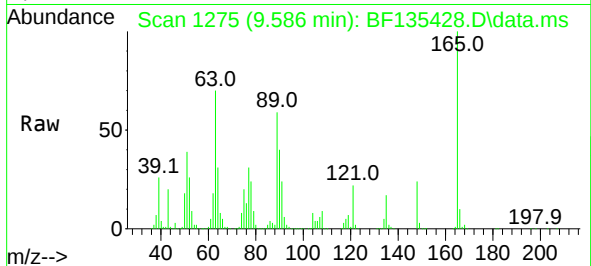
#51
2,6-Dinitrotoluene
Concen: 45.602 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

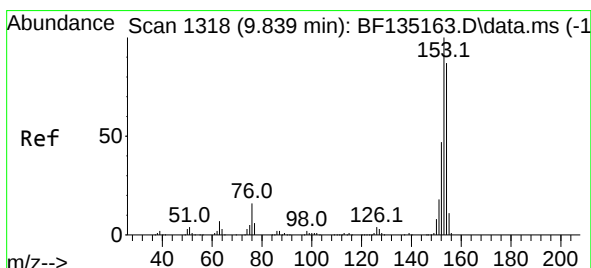
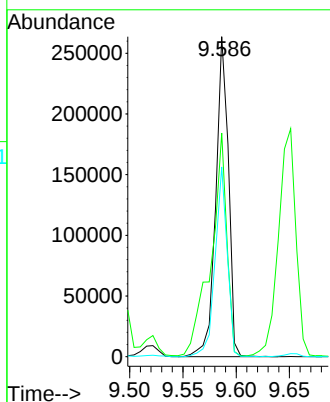
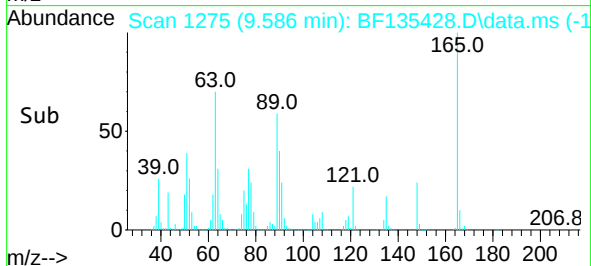


Tgt Ion:165 Resp: 217679
Ion Ratio Lower Upper
165 100
63 69.9 59.4 89.2
89 59.3 49.8 74.8

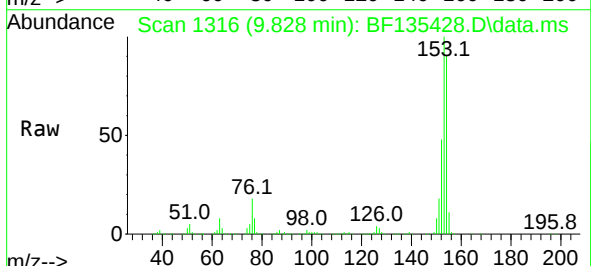
Manual Integrations

APPROVED

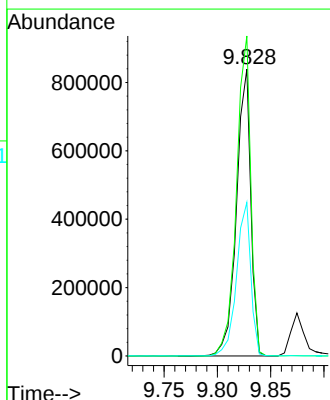
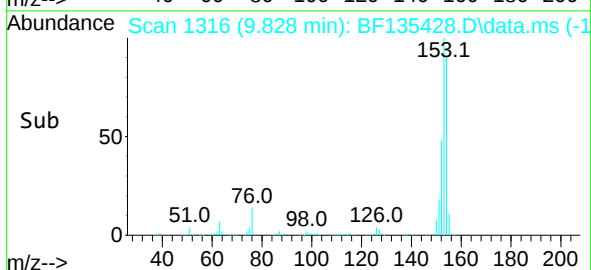
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

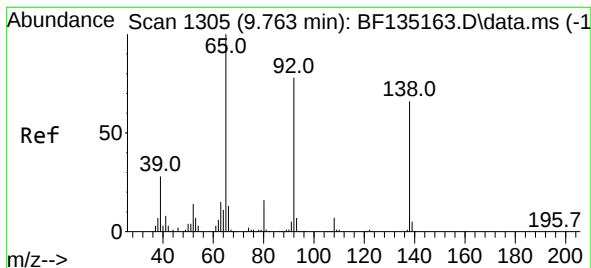


#52
Acenaphthene
Concen: 44.562 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:154 Resp: 786193
Ion Ratio Lower Upper
154 100
153 111.6 92.1 138.1
152 53.5 43.1 64.7





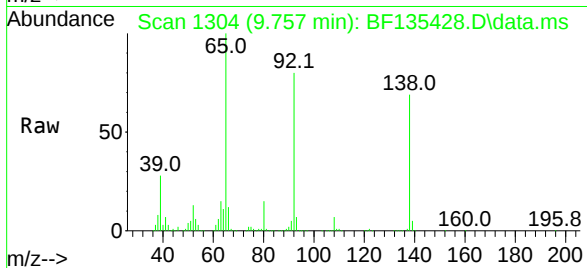
#53
3-Nitroaniline
Concen: 32.302 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

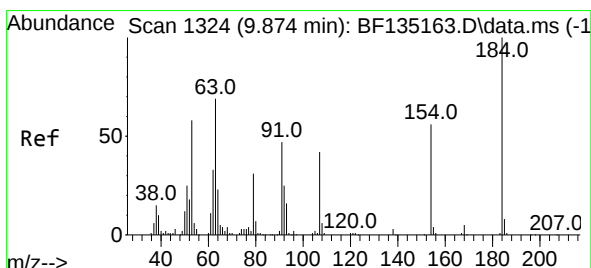
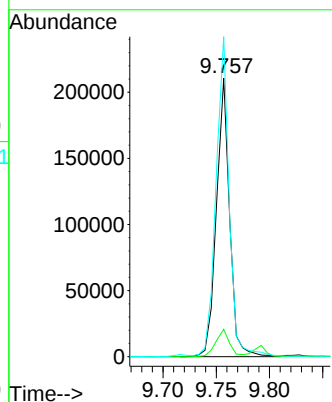
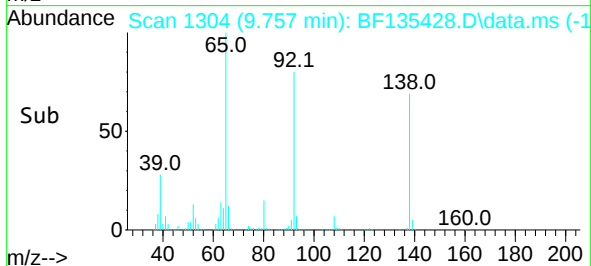


Tgt Ion:138 Resp: 18099
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 114.9 95.4 143.0

Manual Integrations

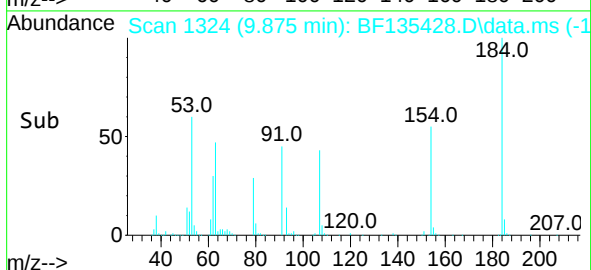
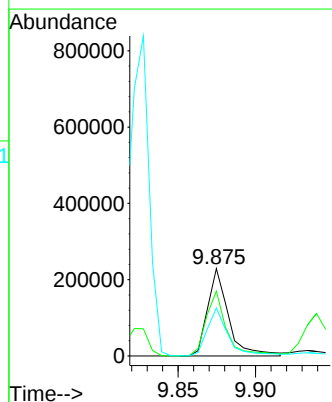
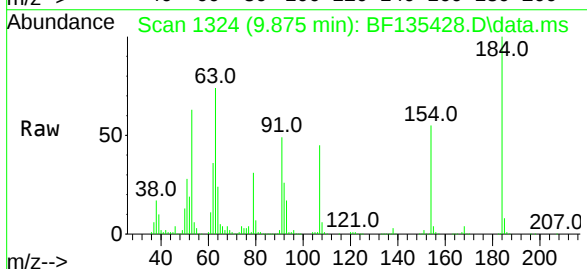
APPROVED

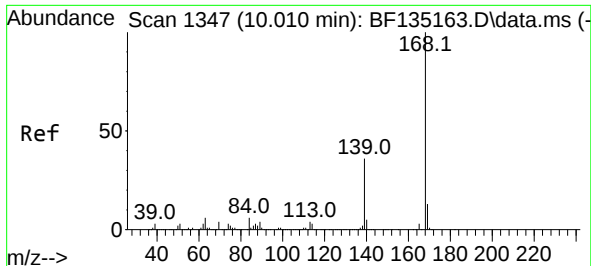
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#54
2,4-Dinitrophenol
Concen: 79.056 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:184 Resp: 214016
Ion Ratio Lower Upper
184 100
63 74.1 55.1 82.7
154 54.9 48.4 72.6





#55

Dibenzenofuran

Concen: 40.795 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135428.D

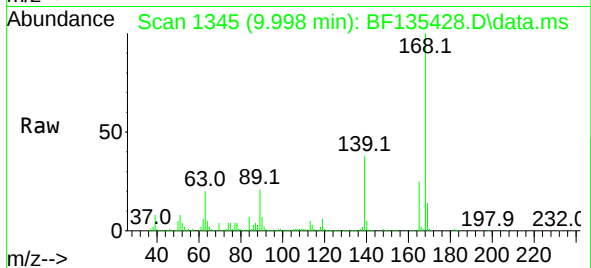
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:168 Resp: 109832

Ion Ratio Lower Upper

168 100

139 37.7 29.0 43.6

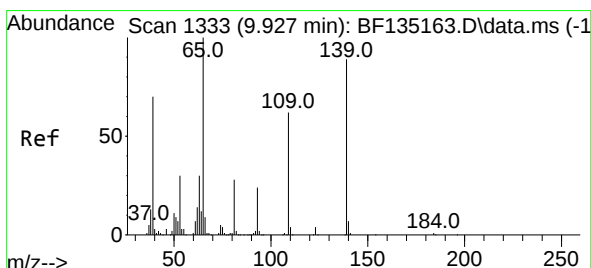
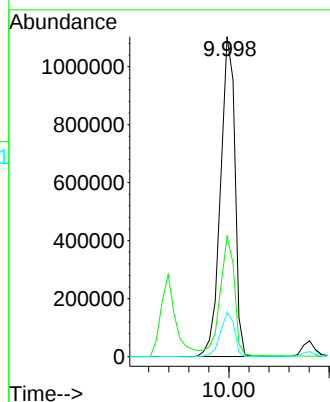
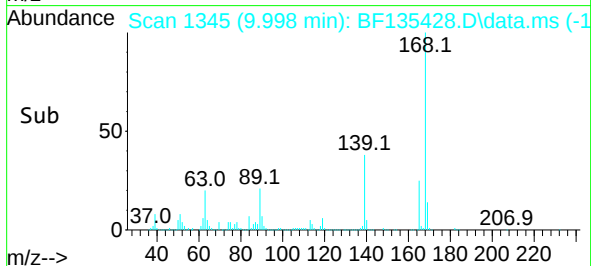
169 13.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#56

4-Nitrophenol

Concen: 82.324 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

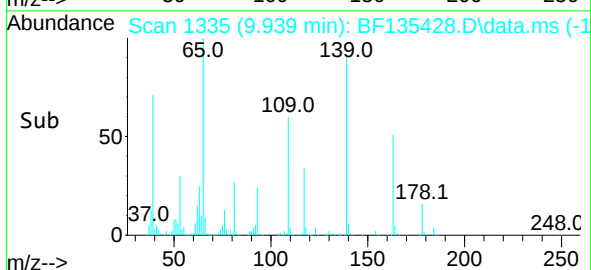
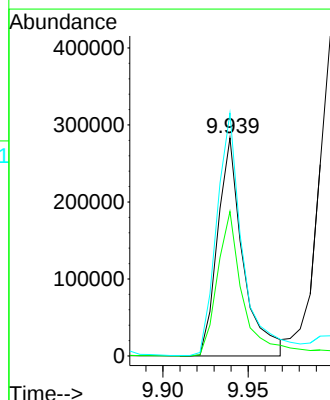
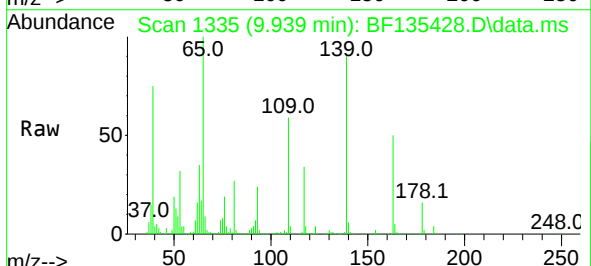
Tgt Ion:139 Resp: 293171

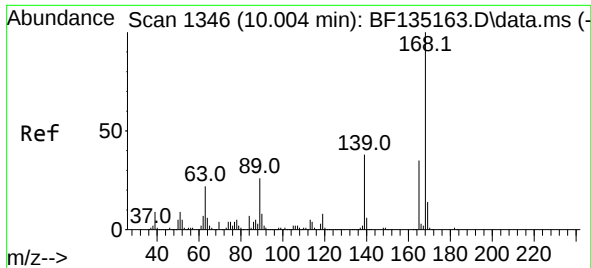
Ion Ratio Lower Upper

139 100

109 66.2 49.8 89.8

65 111.4 92.7 132.7





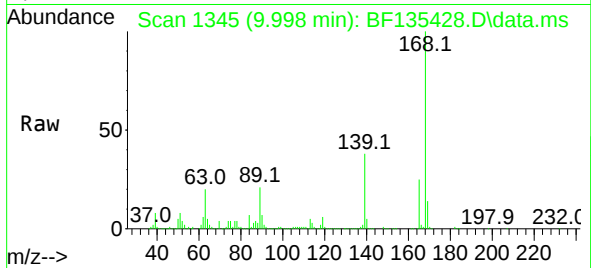
#57
2,4-Dinitrotoluene
Concen: 41.014 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



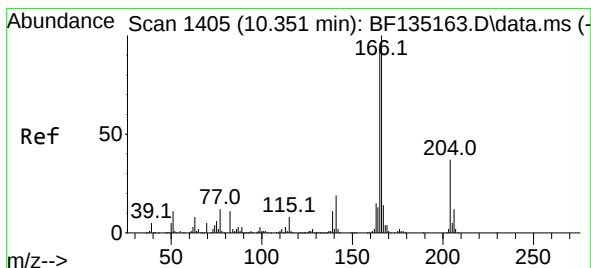
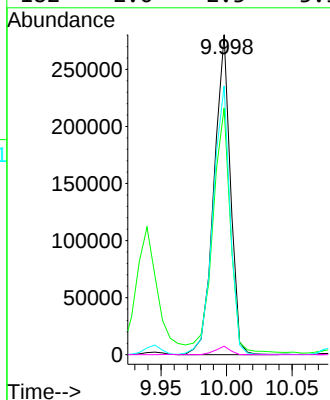
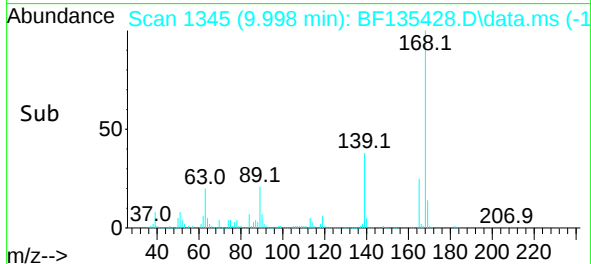
Tgt Ion:165 Resp: 245097
Ion Ratio Lower Upper
165 100
63 77.0 50.1 75.1
89 84.0 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

APPROVED

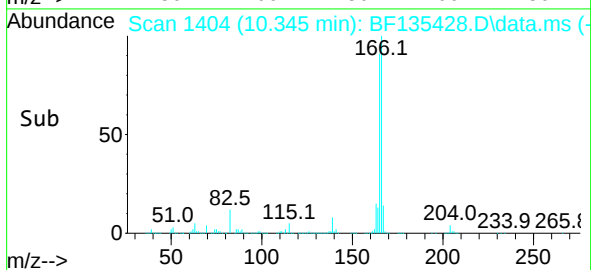
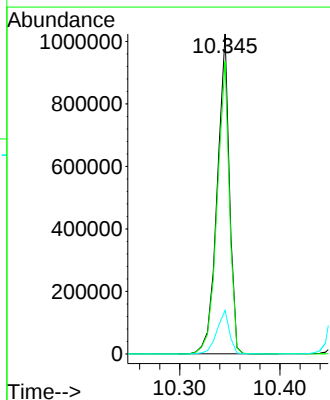
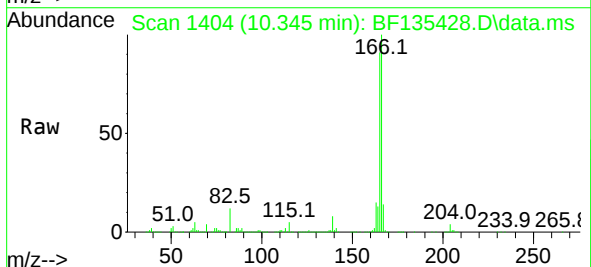
Reviewed By :Yogesh Patel 09/26/2023

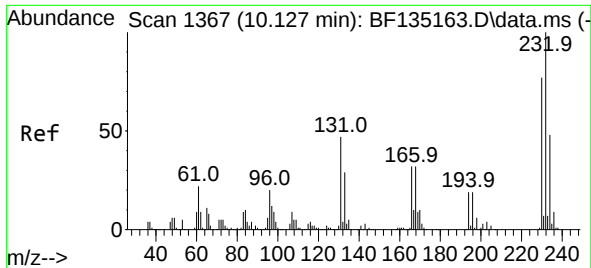
Supervised By :Jagrut Upadhyay 09/26/2023



#58
Fluorene
Concen: 41.696 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

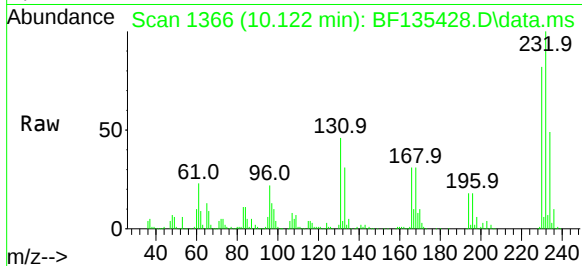
Tgt Ion:166 Resp: 862987
Ion Ratio Lower Upper
166 100
165 91.5 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.045 ng
RT: 10.122 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

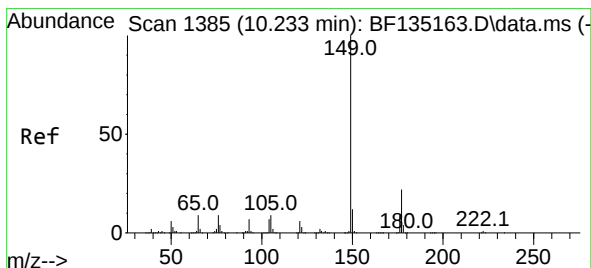
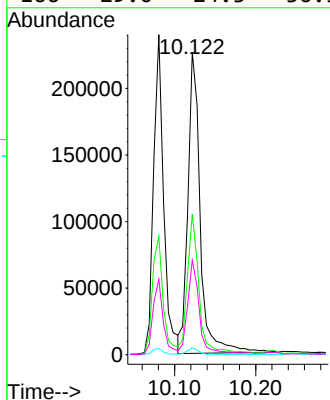
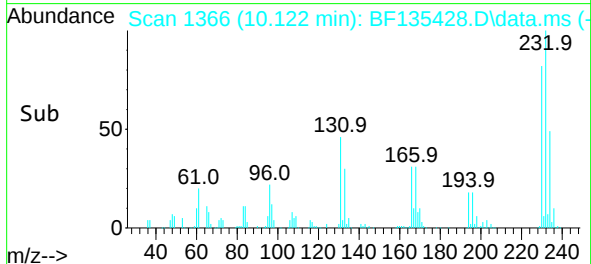
Instrument :
BNA_F
ClientSampleId :
PB155524BS



Tgt Ion:232 Resp: 238529
Ion Ratio Lower Upper
232 100
131 43.1 35.4 53.2
130 2.2 1.8 2.8
166 29.0 24.3 36.5

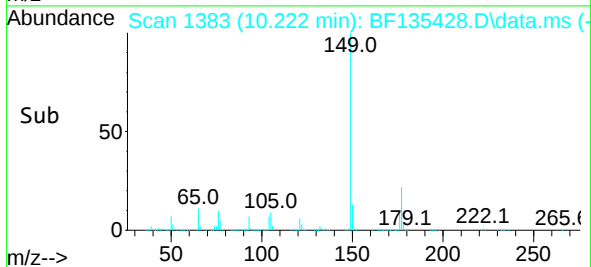
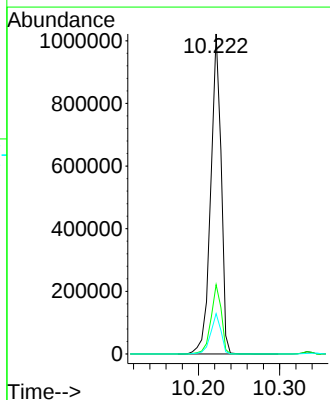
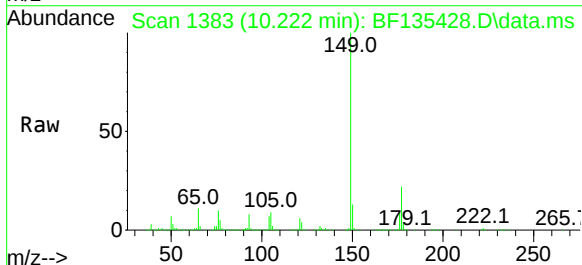
Manual Integrations
APPROVED

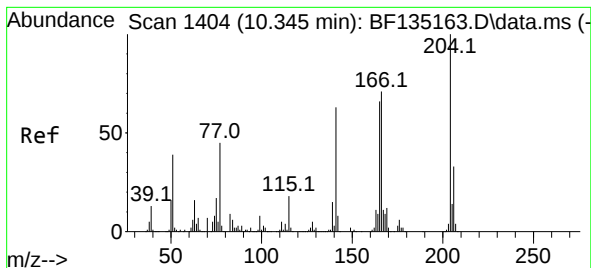
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#60
Diethylphthalate
Concen: 41.268 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

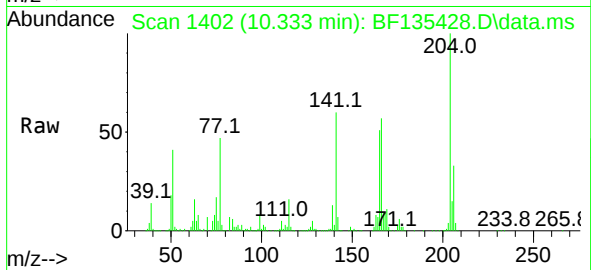
Tgt Ion:149 Resp: 902473
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.977 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

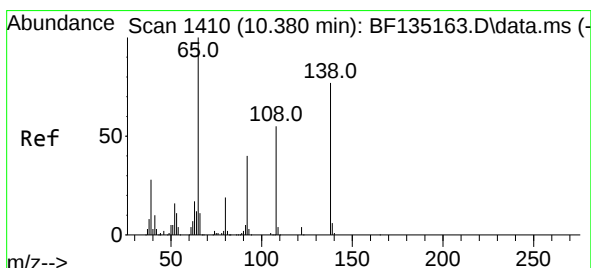
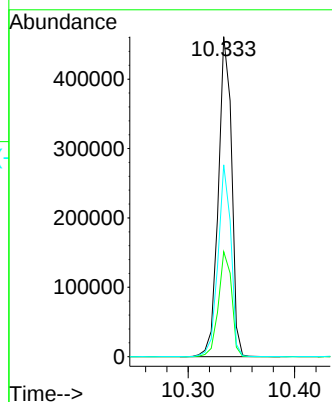
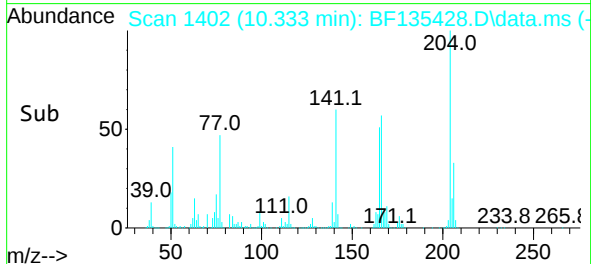
Instrument :
BNA_F
ClientSampleId :
PB155524BS



Tgt Ion:204 Resp: 397461
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 60.0 50.6 75.8

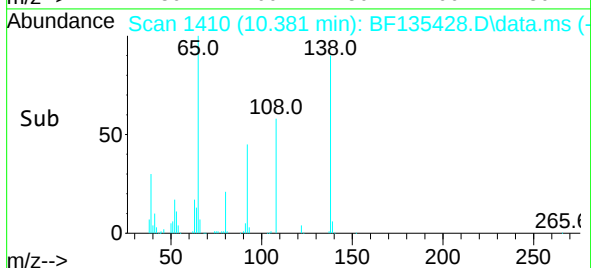
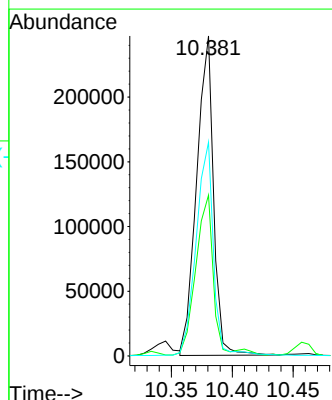
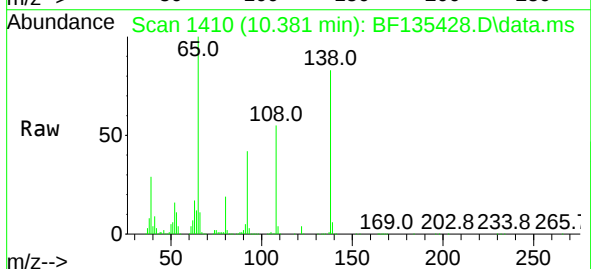
Manual Integrations
APPROVED

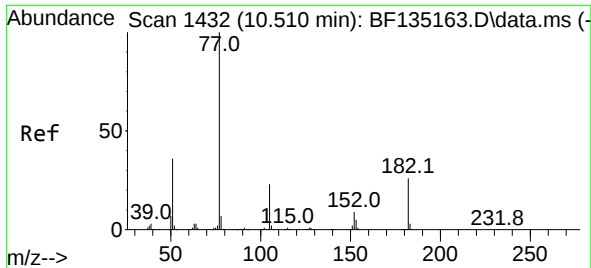
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#62
4-Nitroaniline
Concen: 44.218 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

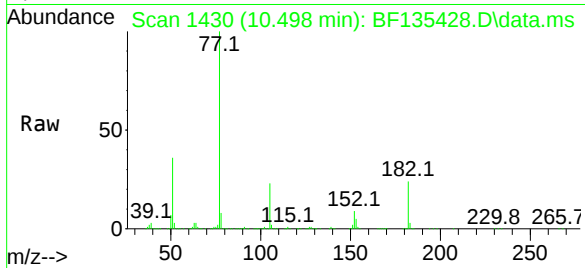
Tgt Ion:138 Resp: 238166
Ion Ratio Lower Upper
138 100
92 50.3 31.8 71.8
108 66.8 52.0 92.0





#63
Azobenzene
Concen: 44.746 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

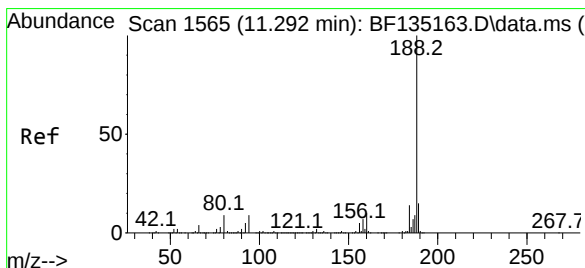
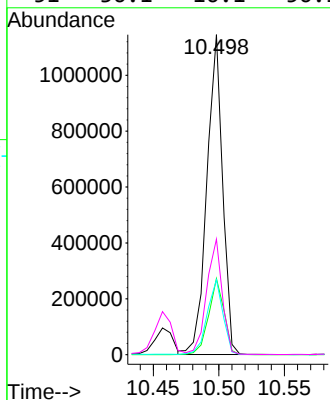
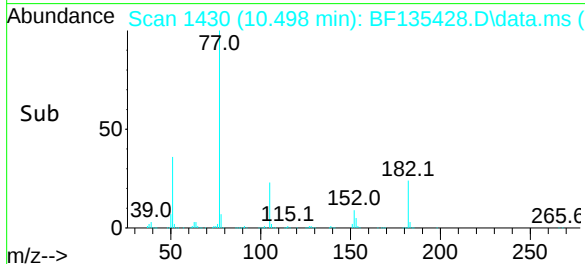
Instrument :
BNA_F
ClientSampleId :
PB155524BS



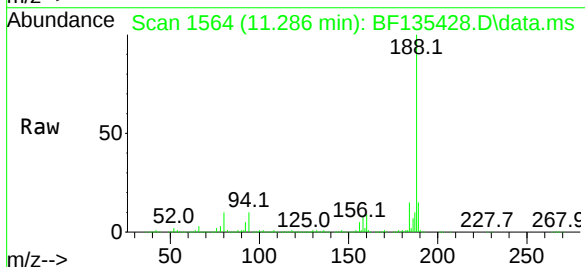
Tgt Ion: 77 Resp: 95767
Ion Ratio Lower Upper
77 100
182 23.8 6.4 46.4
105 23.5 3.1 43.1
51 36.1 16.1 56.1

Manual Integrations
APPROVED

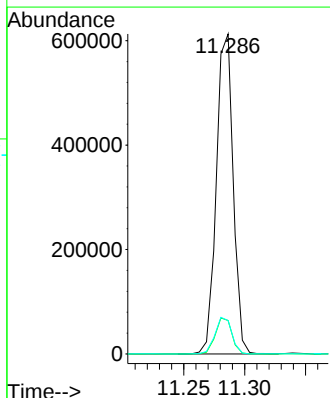
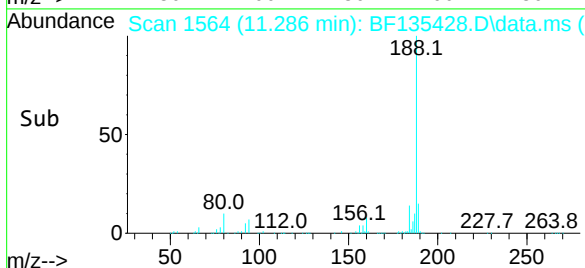
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

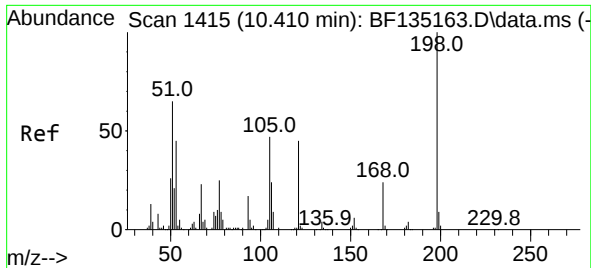


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:188 Resp: 590559
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.5 7.5 11.3





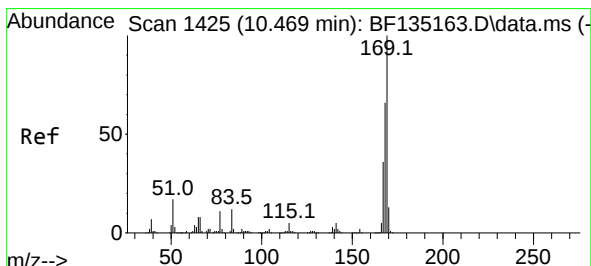
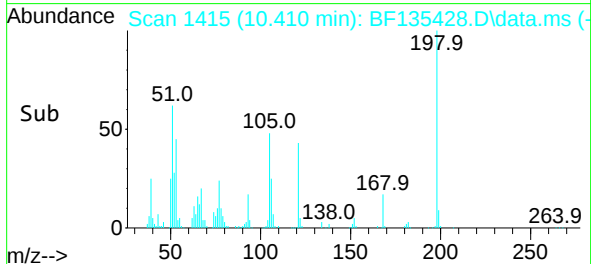
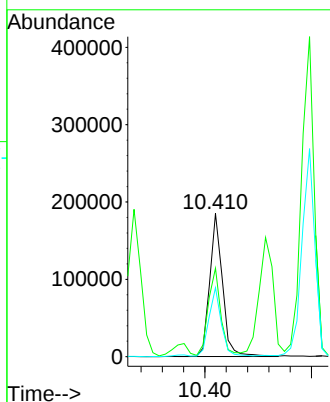
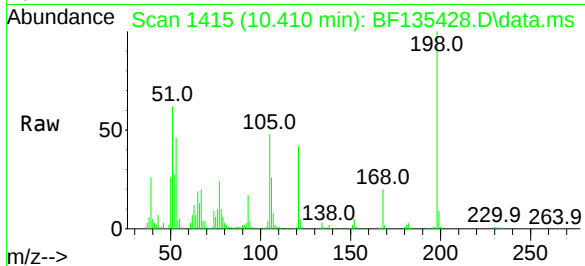
#65
4,6-Dinitro-2-methylphenol
Concen: 49.187 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:198 Resp: 15428
Ion Ratio Lower Upper
198 100
51 61.8 47.7 87.7
105 48.2 27.4 67.4

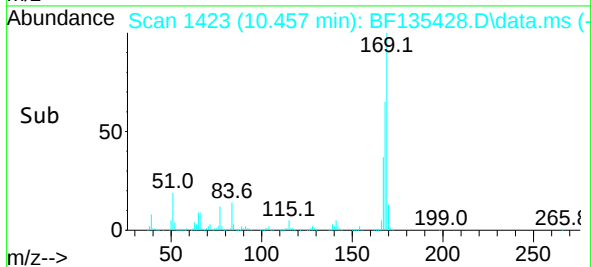
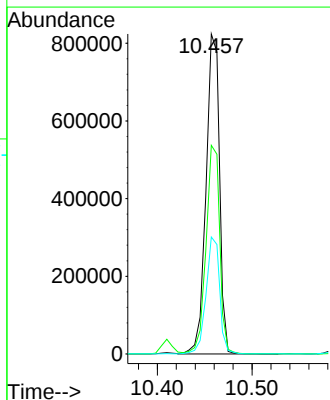
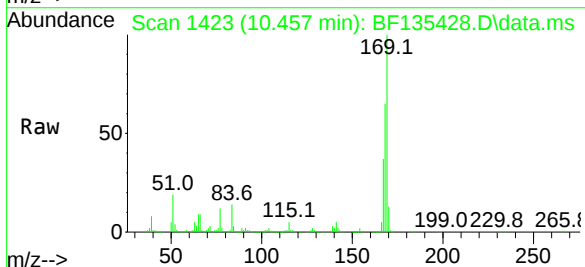
Manual Integrations
APPROVED

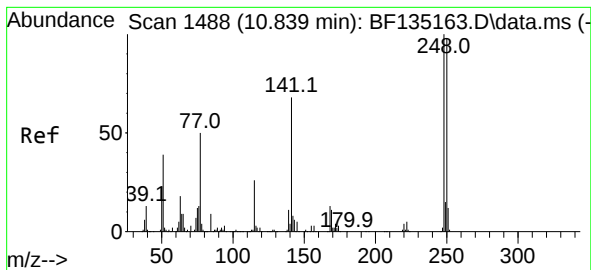
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#66
n-Nitrosodiphenylamine
Concen: 45.387 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:169 Resp: 811478
Ion Ratio Lower Upper
169 100
168 65.2 52.8 79.2
167 36.6 29.0 43.6





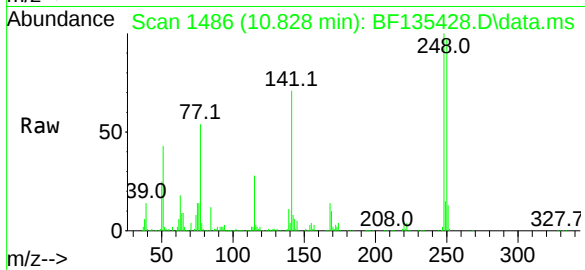
#67
4-Bromophenyl-phenylether
Concen: 42.882 ng
RT: 10.828 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

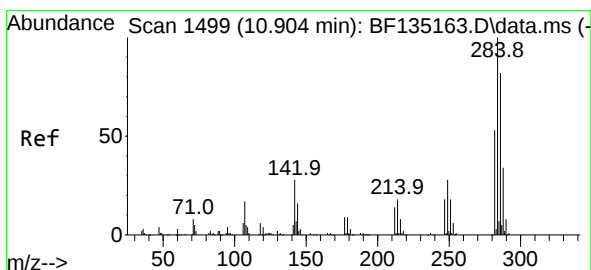
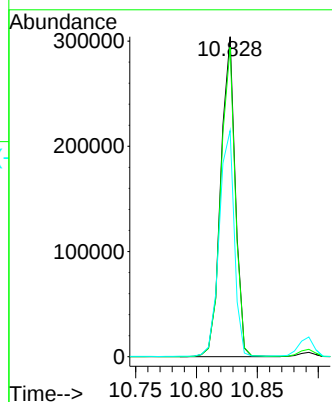
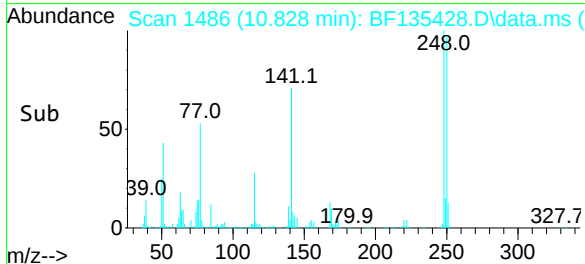


Tgt Ion:248 Resp: 251870
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 70.7 54.2 81.2

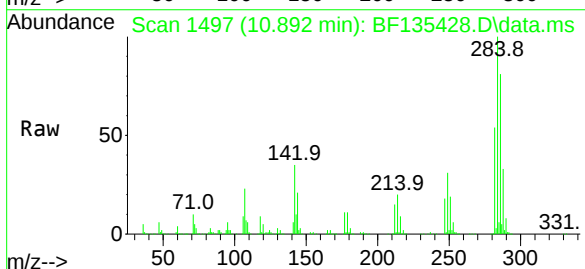
Manual Integrations

APPROVED

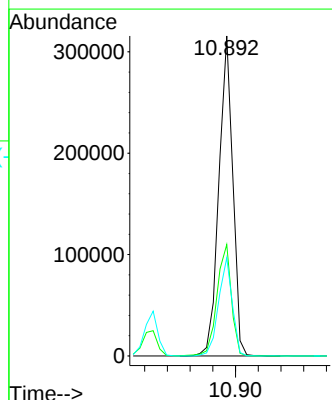
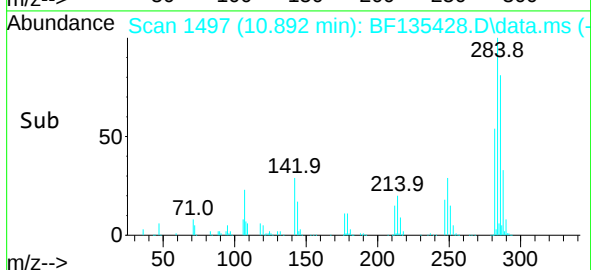
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

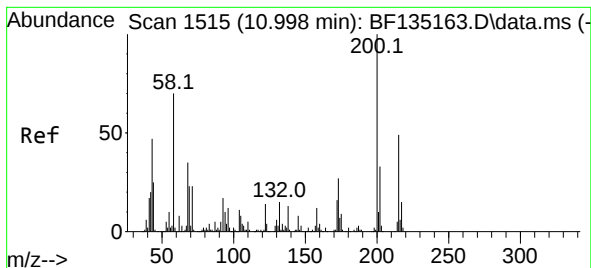


#68
Hexachlorobenzene
Concen: 44.859 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:284 Resp: 268430
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.4#
249 30.7 22.5 33.7





#69

Atrazine

Concen: 51.670 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF135428.D

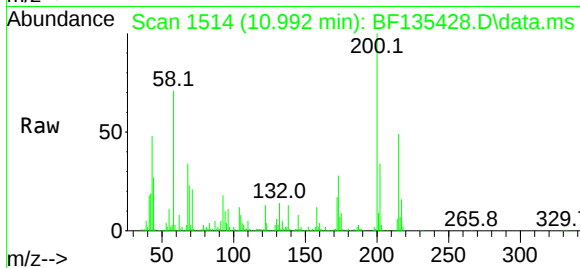
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:200 Resp: 24856

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

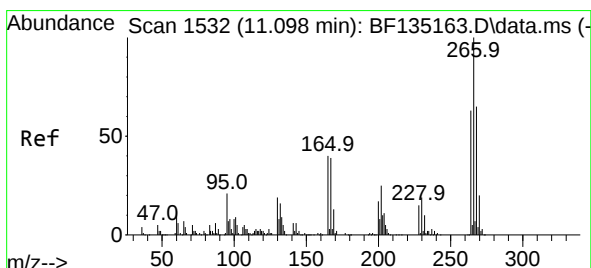
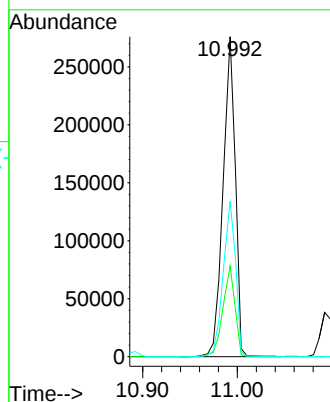
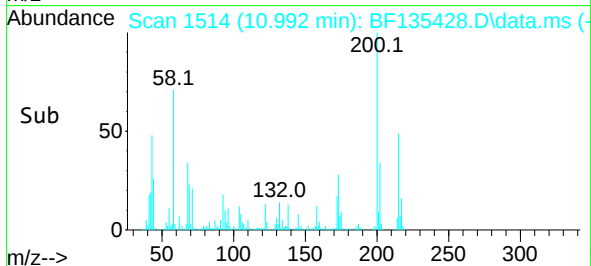
215 48.6 28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#70

Pentachlorophenol

Concen: 70.450 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

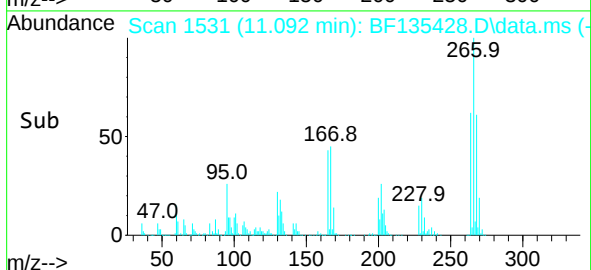
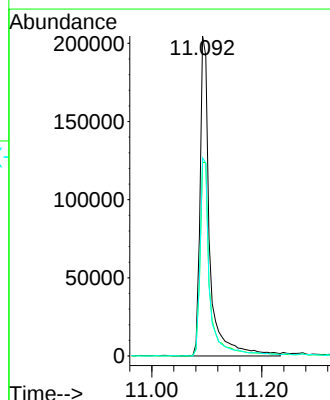
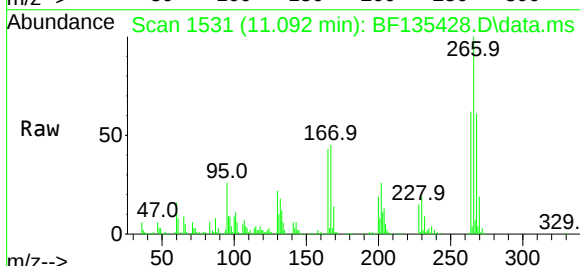
Tgt Ion:266 Resp: 252217

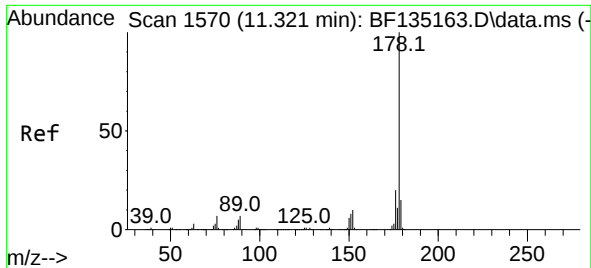
Ion Ratio Lower Upper

266 100

268 60.6 52.1 78.1

264 61.9 50.8 76.2





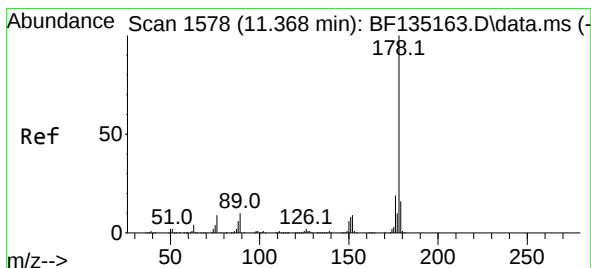
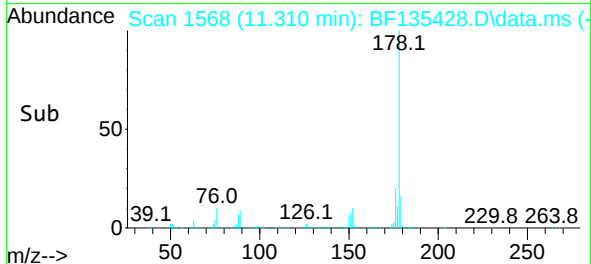
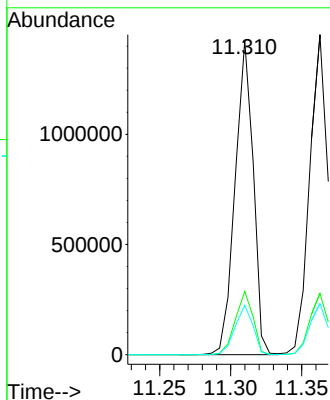
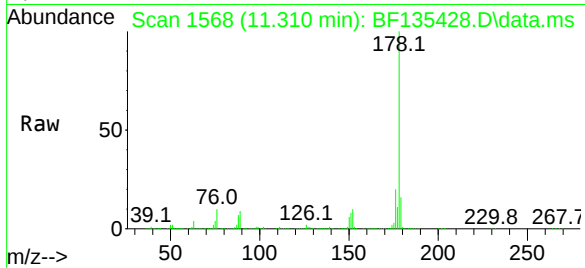
#71
Phenanthrene
Concen: 45.328 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155524BS

Tgt Ion:178 Resp: 1266039
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.7 12.0 18.0

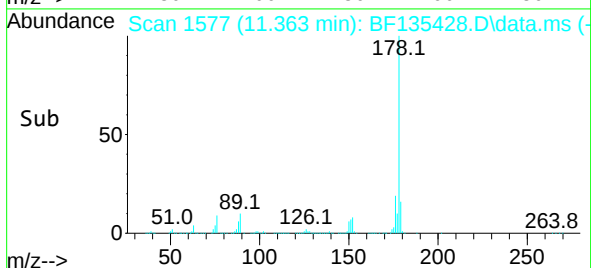
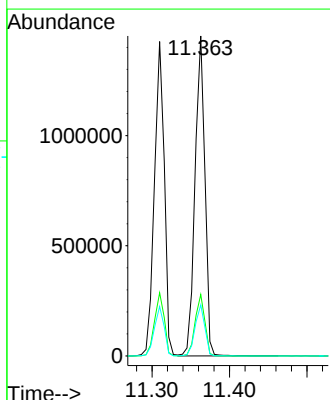
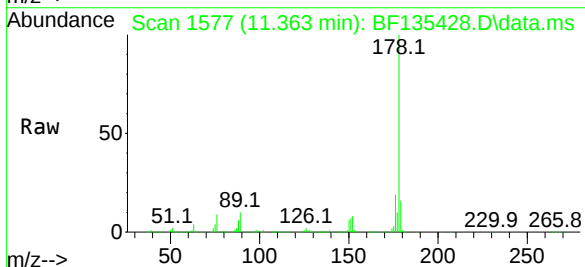
Manual Integrations
APPROVED

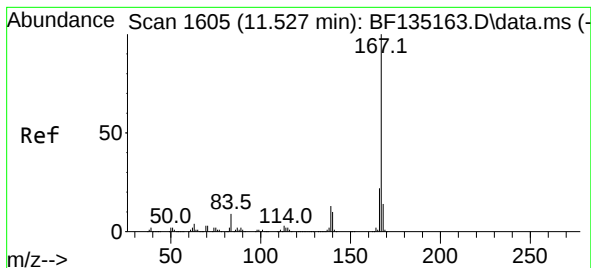
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#72
Anthracene
Concen: 44.827 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Tgt Ion:178 Resp: 1286990
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 48.892 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:167 Resp: 127781

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

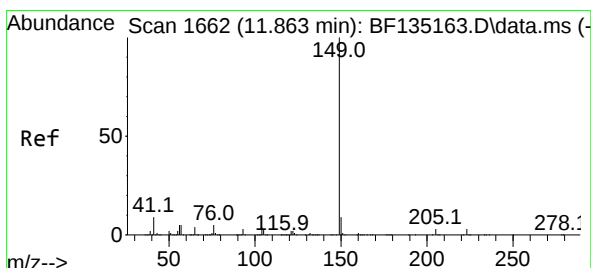
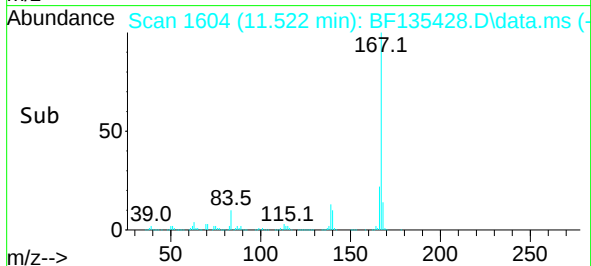
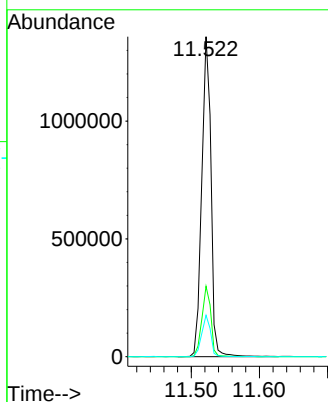
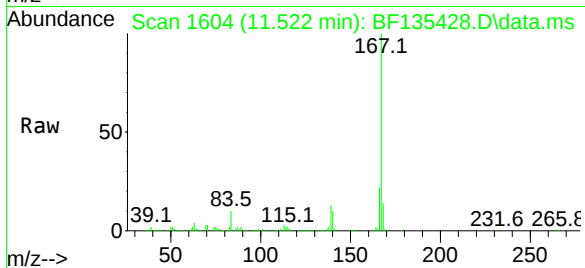
139 12.9 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#74

Di-n-butylphthalate

Concen: 44.201 ng

RT: 11.851 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

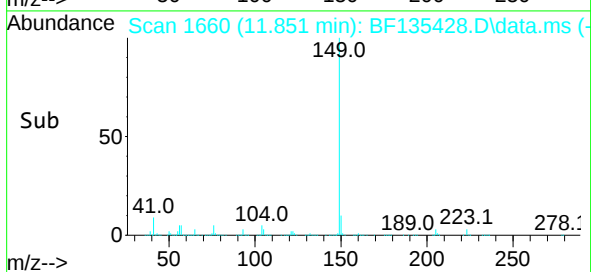
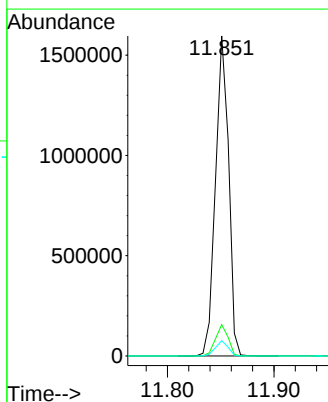
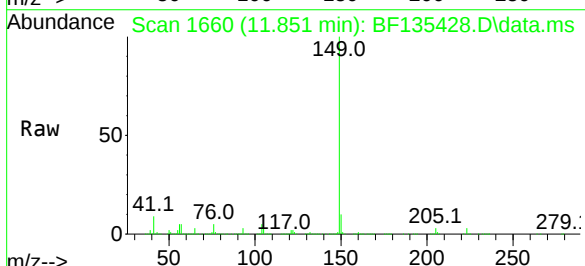
Tgt Ion:149 Resp: 1361243

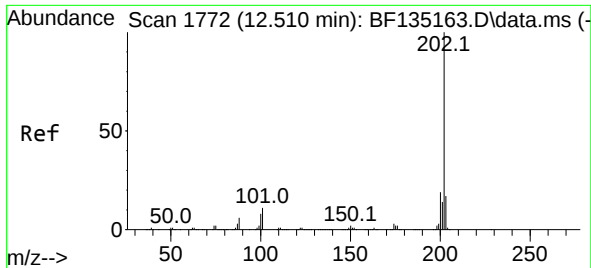
Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.0

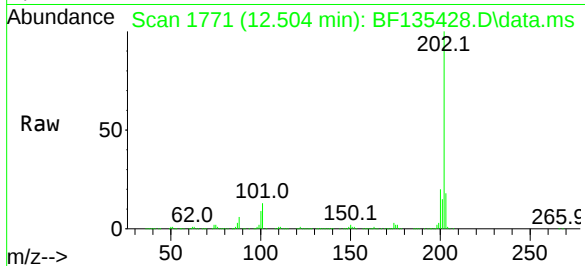
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 47.135 ng
RT: 12.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

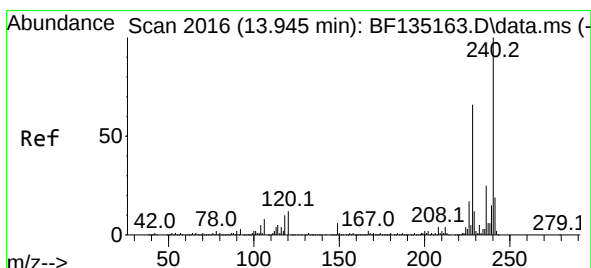
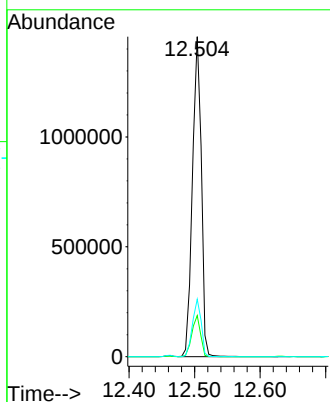
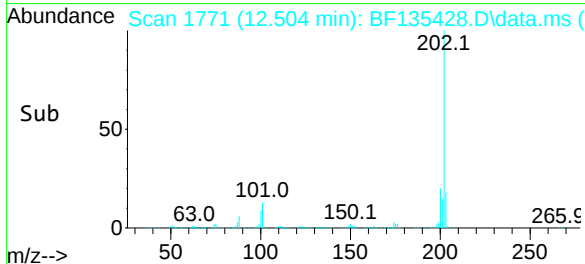
Instrument :
BNA_F
ClientSampleId :
PB155524BS



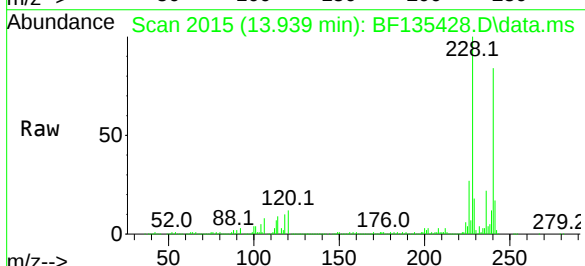
Tgt Ion:202 Resp: 1371800
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
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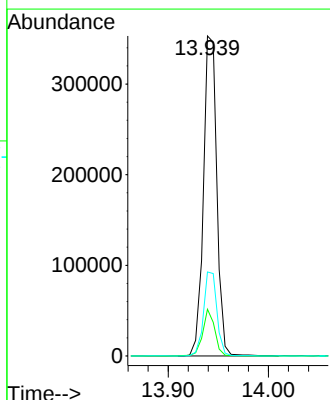
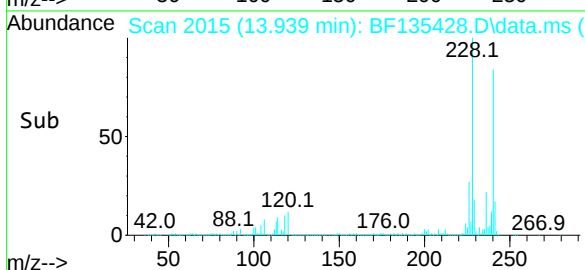
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

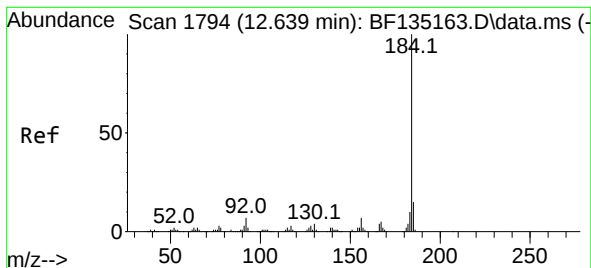


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:240 Resp: 330477
Ion Ratio Lower Upper
240 100
120 14.6 9.4 14.2#
236 26.3 19.8 29.8





#77

Benzidine

Concen: 52.911 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

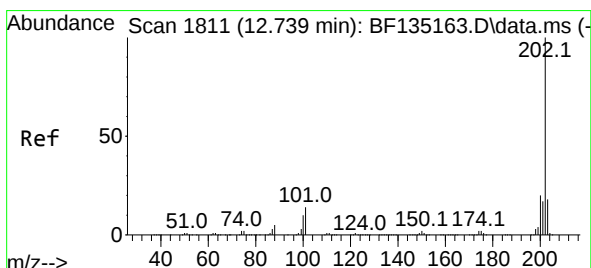
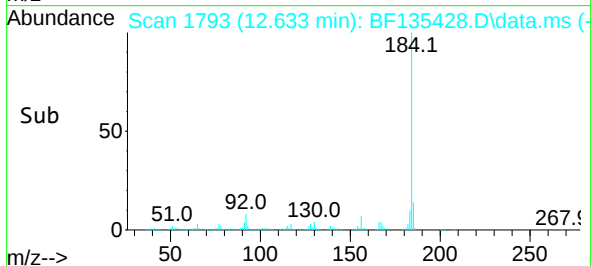
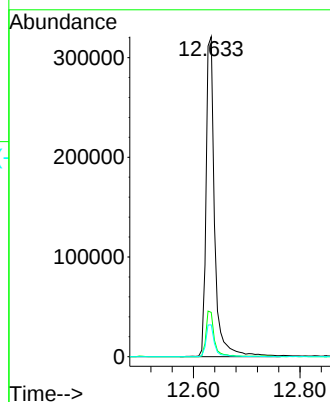
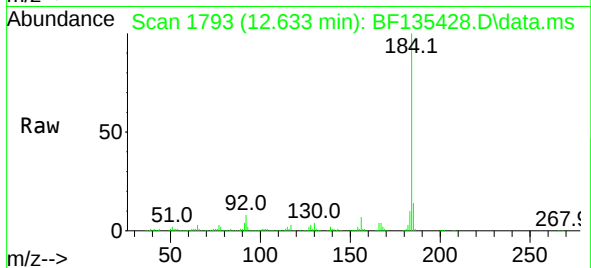
PB155524BS

Tgt Ion:184	Resp: 35823
Ion Ratio	Lower Upper
184 100	
185 13.9	11.7 17.5
183 10.0	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#78

Pyrene

Concen: 44.942 ng

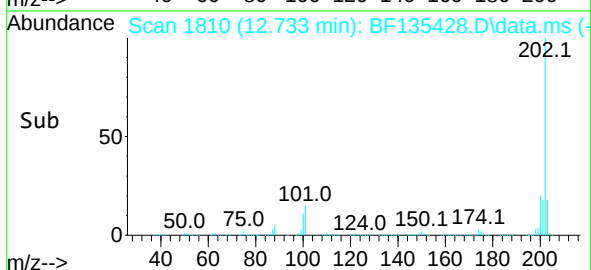
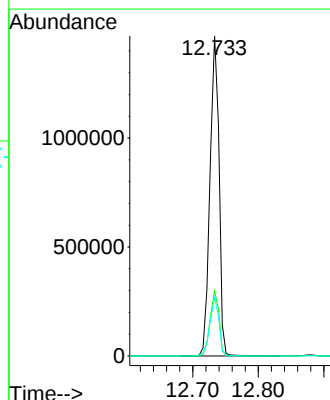
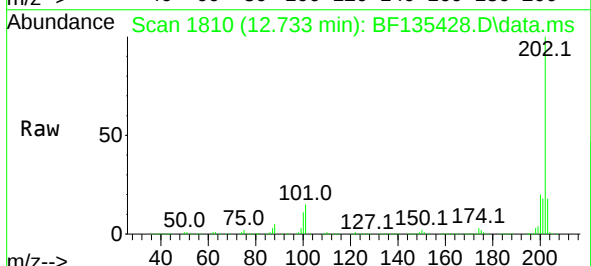
RT: 12.733 min Scan# 1810

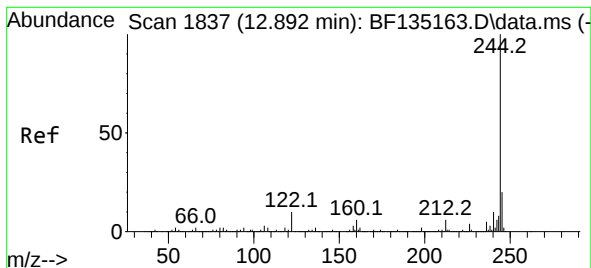
Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:202	Resp: 1414051
Ion Ratio	Lower Upper
202 100	
200 20.3	16.2 24.2
203 18.2	14.2 21.4





#79

Terphenyl-d14

Concen: 78.332 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135428.D

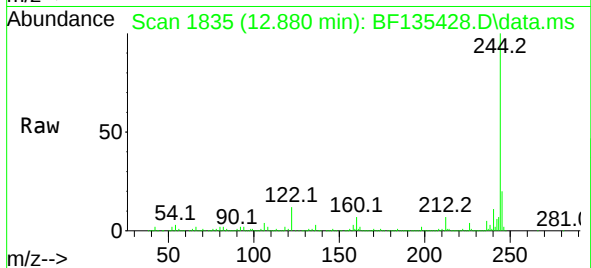
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS



Tgt Ion:244 Resp: 1669914

Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

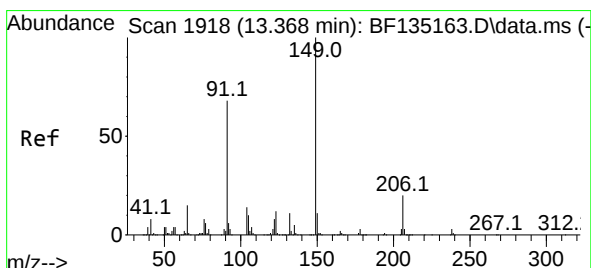
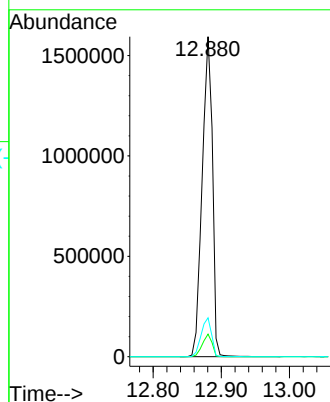
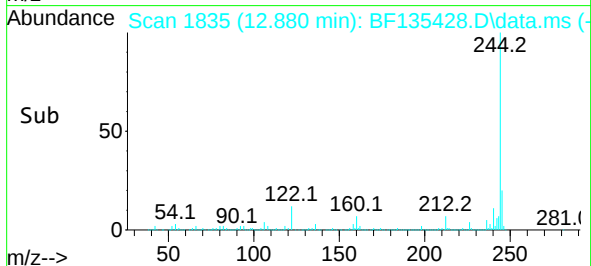
122 12.2 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#80

Butylbenzylphthalate

Concen: 49.801 ng

RT: 13.357 min Scan# 1916

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

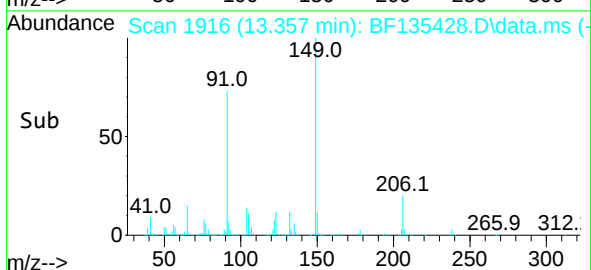
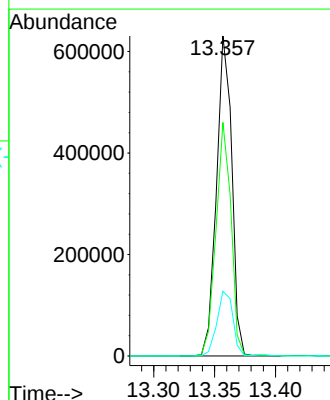
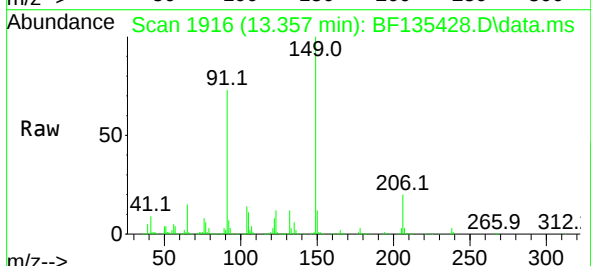
Tgt Ion:149 Resp: 551689

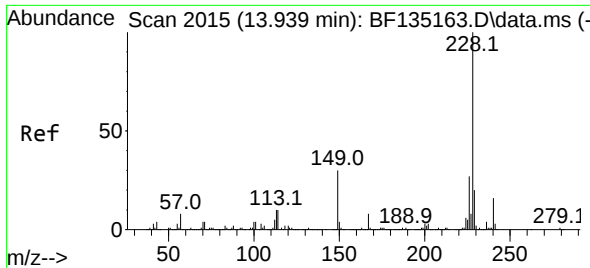
Ion Ratio Lower Upper

149 100

91 73.0 54.7 82.1

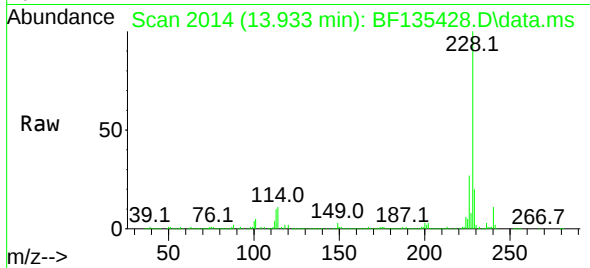
206 20.2 16.3 24.5





#81
Benzo(a)anthracene
Concen: 46.478 ng
RT: 13.933 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

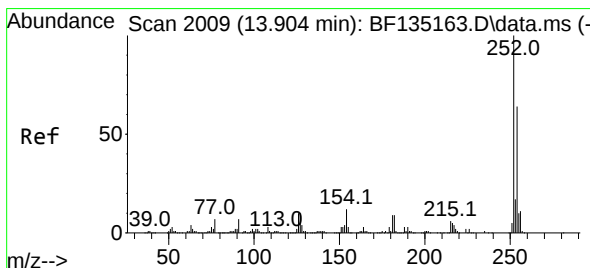
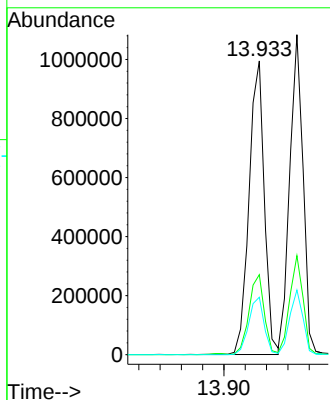
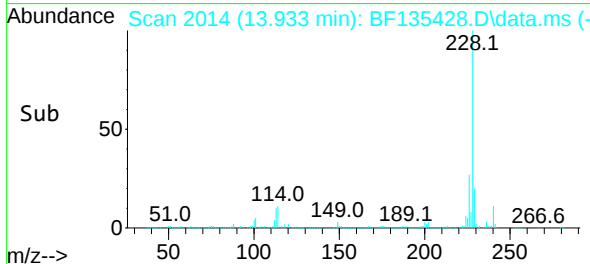
Instrument :
BNA_F
ClientSampleId :
PB155524BS



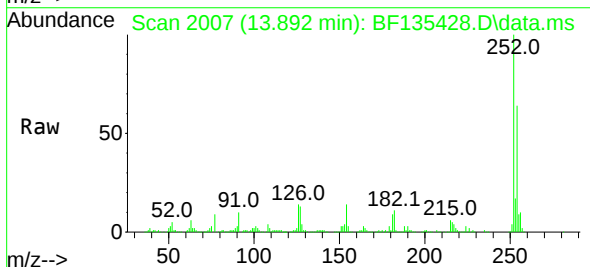
Tgt Ion:228 Resp: 991833
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.5 15.8 23.8

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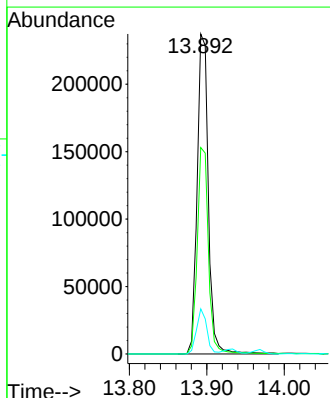
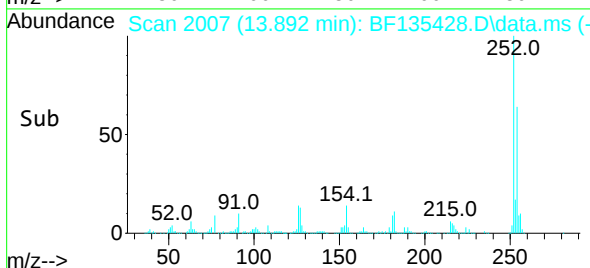
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

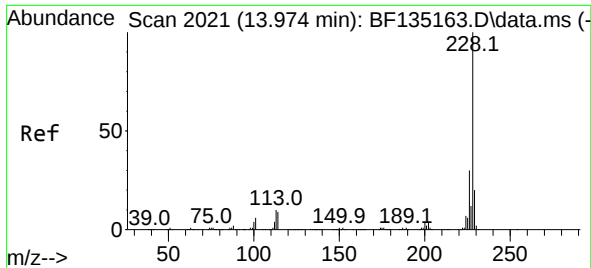


#82
3,3'-Dichlorobenzidine
Concen: 35.684 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:252 Resp: 237853
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 14.1 7.8 11.8#





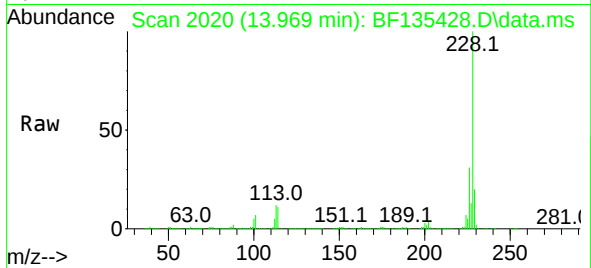
#83
Chrysene
Concen: 44.763 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

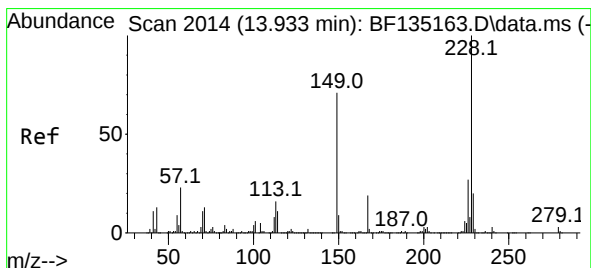
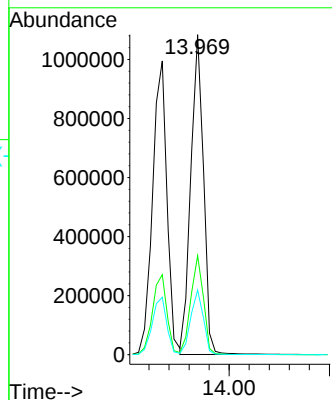
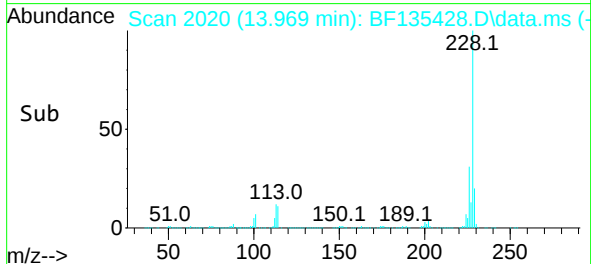


Tgt Ion:228 Resp: 949720
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.2 16.0 24.0

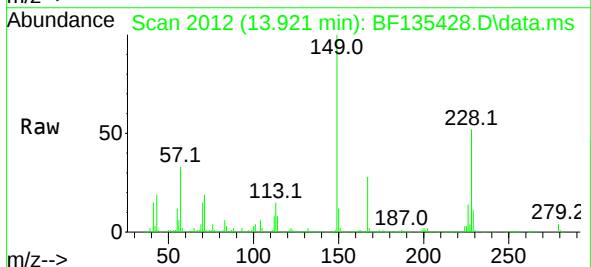
Manual Integrations

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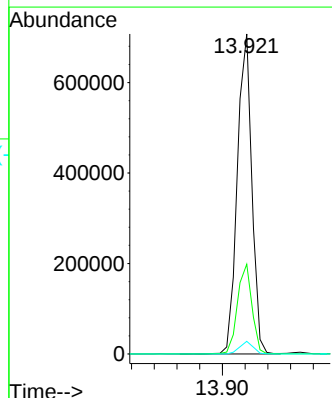
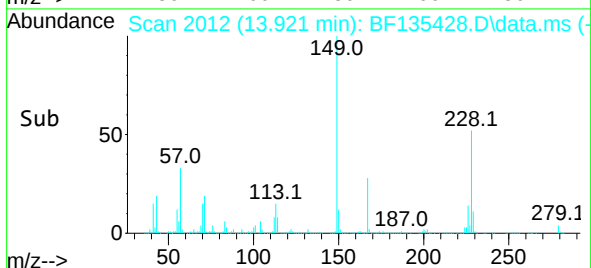
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

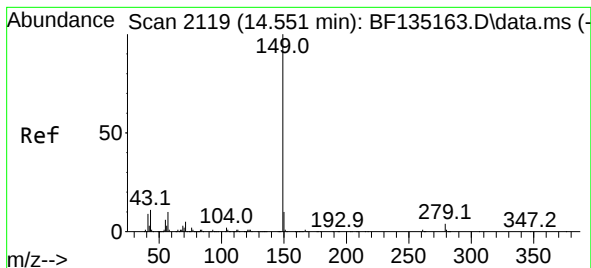


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.123 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:149 Resp: 626629
Ion Ratio Lower Upper
149 100
167 28.0 21.9 32.9
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.865 ng

RT: 14.533 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:149 Resp: 955054

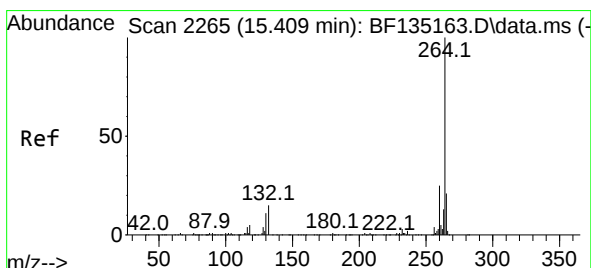
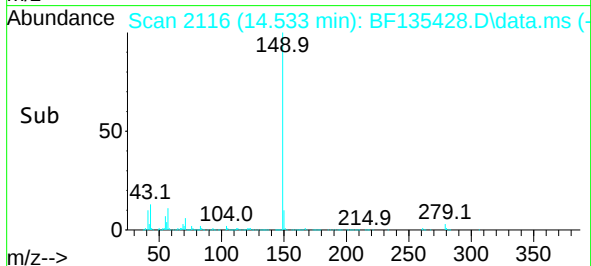
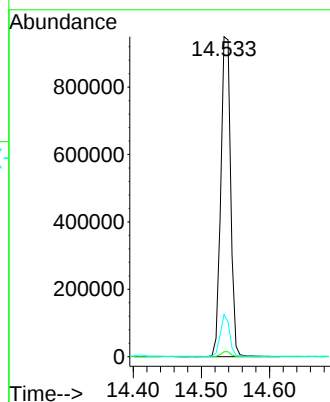
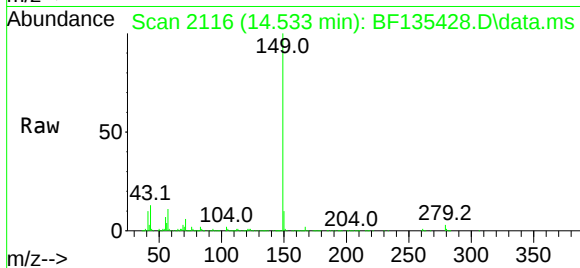
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.2	9.8	14.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

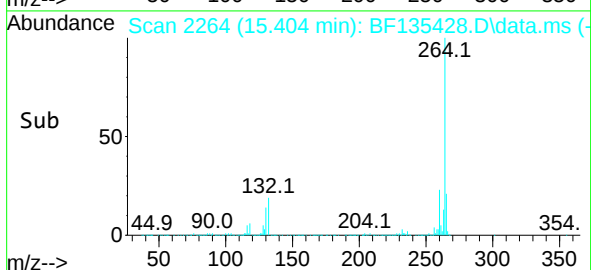
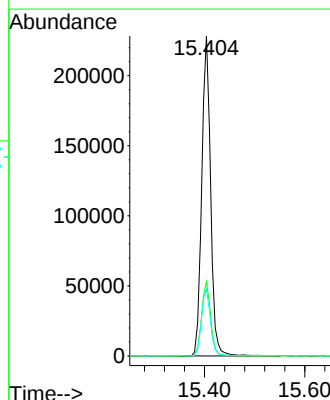
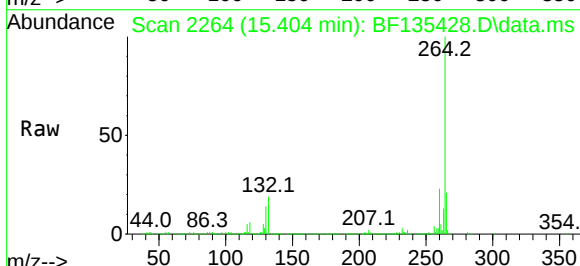
Delta R.T. -0.000 min

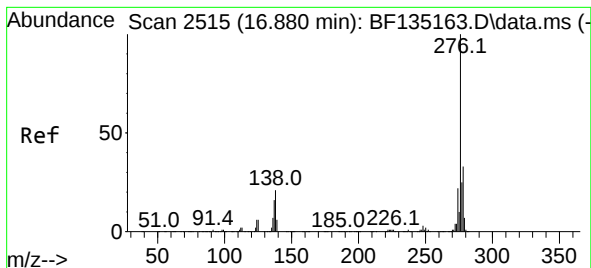
Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:264 Resp: 280027

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.6
265	20.9	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.575 ng

RT: 16.886 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:276 Resp: 92858

Ion Ratio Lower Upper

276 100

138 28.0 19.2 28.8

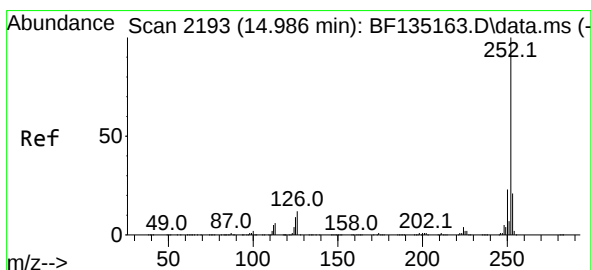
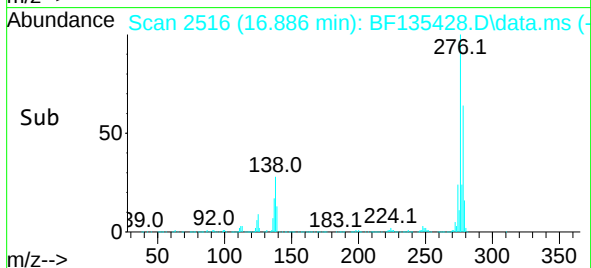
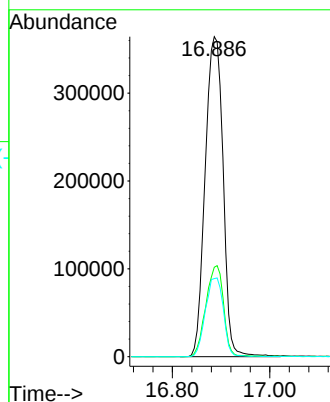
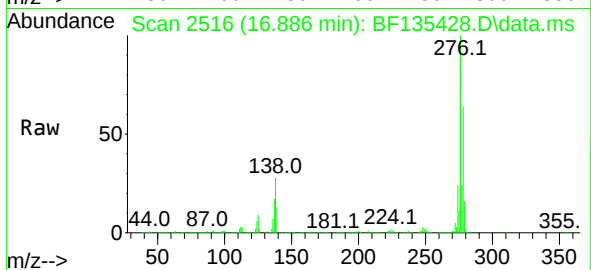
277 24.6 19.7 29.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#88

Benzo(b)fluoranthene

Concen: 50.257 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

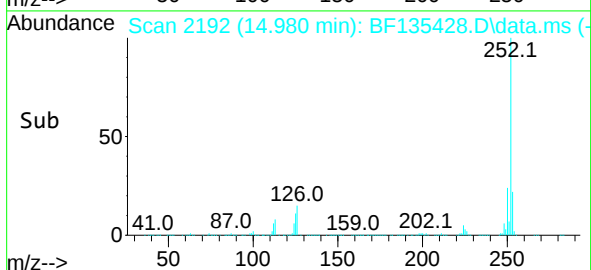
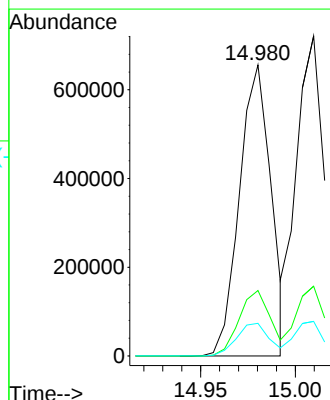
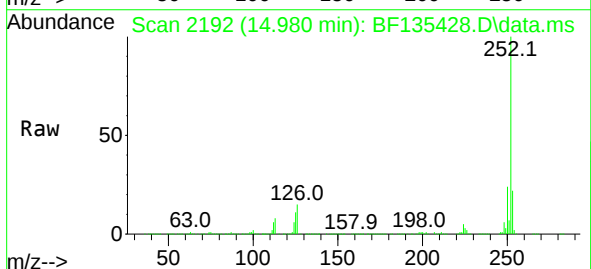
Tgt Ion:252 Resp: 761847

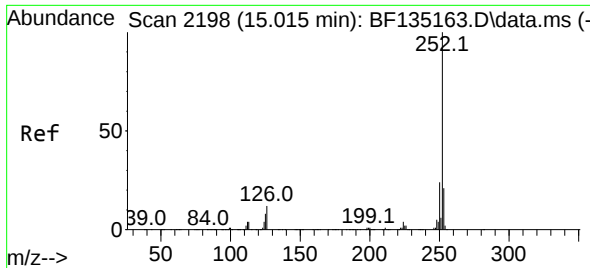
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 11.2 7.1 10.7#





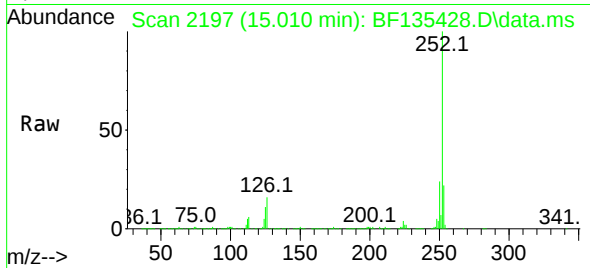
#89
Benzo(k)fluoranthene
Concen: 50.073 ng
RT: 15.010 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

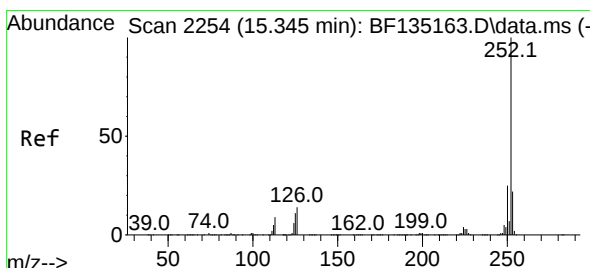
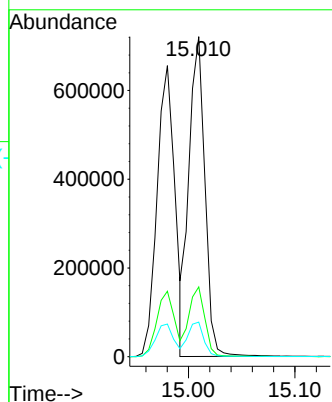
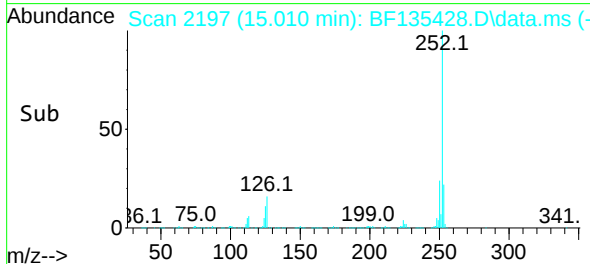


Tgt Ion:252 Resp: 749799
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.8 7.2 10.8

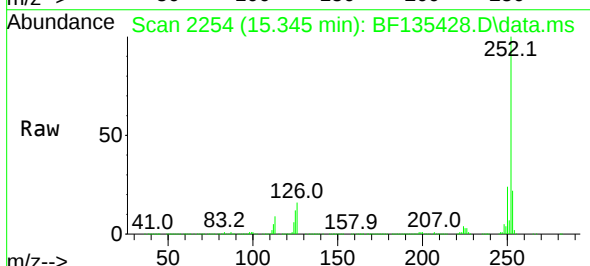
Manual Integrations

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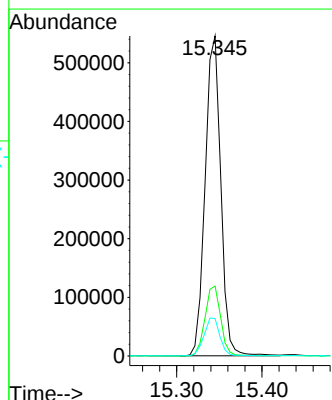
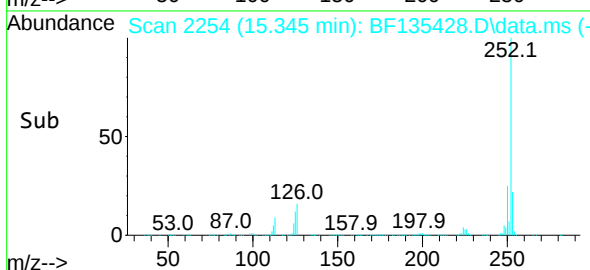
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

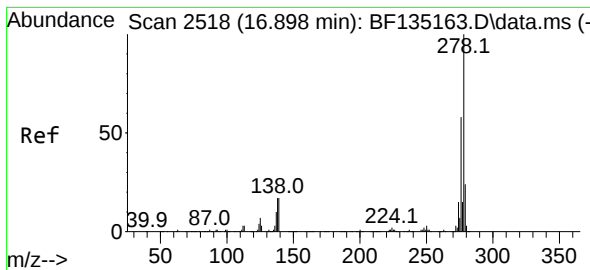


#90
Benzo(a)pyrene
Concen: 48.029 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF135428.D
Acq: 25 Sep 2023 15:45



Tgt Ion:252 Resp: 694302
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 50.033 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155524BS

Tgt Ion:278 Resp: 75163

Ion Ratio Lower Upper

278 100

139 18.4 13.4 20.0

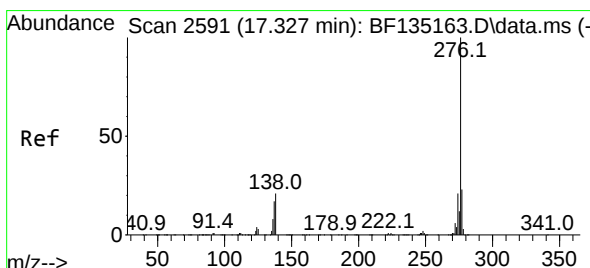
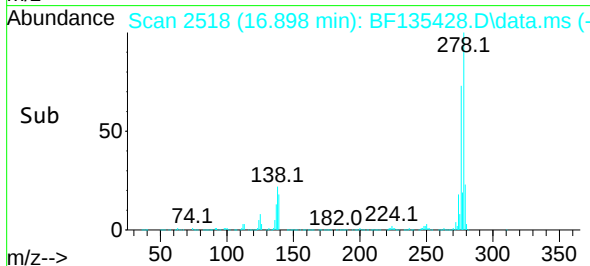
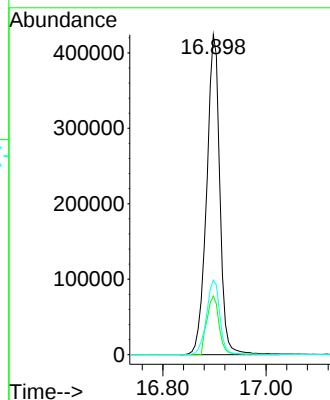
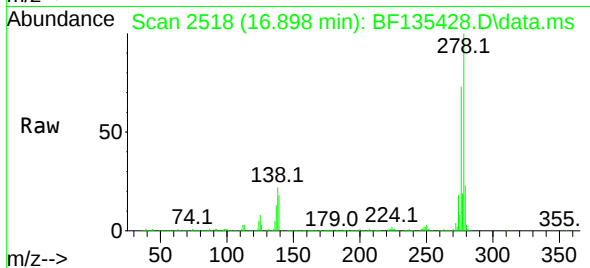
279 23.3 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#92

Benzo(g,h,i)perylene

Concen: 51.243 ng

RT: 17.333 min Scan# 2592

Delta R.T. 0.000 min

Lab File: BF135428.D

Acq: 25 Sep 2023 15:45

Tgt Ion:276 Resp: 803962

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 24.2 16.9 25.3

