

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135426.D
 Acq On : 25 Sep 2023 14:44
 Operator : CG\JU
 Sample : PB155763BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 01:41:01 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	174385	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	689519	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	328540	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	608207	20.000	ng	0.00
76) Chrysene-d12	13.945	240	346309	20.000	ng	0.00
86) Perylene-d12	15.404	264	298727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1218631	113.659	ng	0.02
7) Phenol-d6	6.404	99	1545323	113.348	ng	0.00
23) Nitrobenzene-d5	7.322	82	987826	77.834	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	326197	99.910	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1579707	72.543	ng	0.00
79) Terphenyl-d14	12.880	244	1544238	69.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	189101	40.232	ng	92
3) Pyridine	3.310	79	491239	38.833	ng	95
4) n-Nitrosodimethylamine	3.269	42	302923	45.126	ng	94
6) Aniline	6.422	93	477035	26.683	ng	# 52
8) 2-Chlorophenol	6.545	128	512705	44.795	ng	94
9) Benzaldehyde	6.310	77	163961	21.111	ng	100
10) Phenol	6.416	94	586259	39.216	ng	87
11) bis(2-Chloroethyl)ether	6.498	93	506556	45.172	ng	98
12) 1,3-Dichlorobenzene	6.692	146	497349	42.757	ng	98
13) 1,4-Dichlorobenzene	6.769	146	503545	42.549	ng	99
14) 1,2-Dichlorobenzene	6.922	146	476299	43.339	ng	97
15) Benzyl Alcohol	6.904	79	411462	42.058	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	907949	42.955	ng	92
17) 2-Methylphenol	7.022	107	406413	40.238	ng	# 93
18) Hexachloroethane	7.257	117	190112	43.477	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	317928	37.649	ng	93
20) 3+4-Methylphenols	7.175	107	461607	38.007	ng	# 79
22) Acetophenone	7.169	105	628758	39.885	ng	98
24) Nitrobenzene	7.339	77	526930	42.006	ng	99
25) Isophorone	7.581	82	966054	41.453	ng	99
26) 2-Nitrophenol	7.657	139	269388	44.745	ng	90
27) 2,4-Dimethylphenol	7.698	122	411831	40.696	ng	94
28) bis(2-Chloroethoxy)met...	7.787	93	599531	42.981	ng	99
29) 2,4-Dichlorophenol	7.898	162	386651	41.233	ng	100
30) 1,2,4-Trichlorobenzene	7.975	180	409377	41.768	ng	99
31) Naphthalene	8.057	128	1365621	40.763	ng	99
32) Benzoic acid	7.839	122	323424	42.442	ng	98
33) 4-Chloroaniline	8.110	127	380912	25.915	ng	99
34) Hexachlorobutadiene	8.169	225	228218	38.616	ng	98
35) Caprolactam	8.486	113	132900m	42.229	ng	
36) 4-Chloro-3-methylphenol	8.604	107	427999	41.067	ng	96
37) 2-Methylnaphthalene	8.745	142	849903	37.740	ng	99
38) 1-Methylnaphthalene	8.845	142	813488	38.584	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	395230	41.524	ng	99
41) Hexachlorocyclopentadiene	8.898	237	233873	58.001	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	260023	41.725	ng	98

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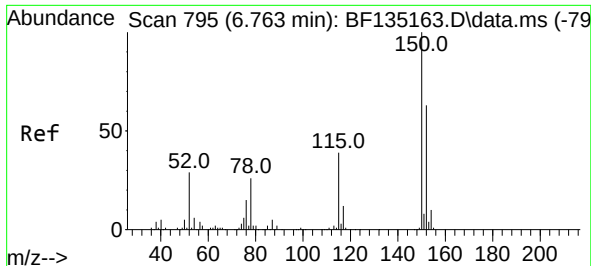
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	280309	39.058	ng	98
46) 1,1'-Biphenyl	9.216	154	1046398	41.445	ng	99
47) 2-Chloronaphthalene	9.239	162	792188	43.245	ng	99
48) 2-Nitroaniline	9.345	65	313887	44.105	ng	97
49) Acenaphthylene	9.657	152	1256024	41.256	ng	100
50) Dimethylphthalate	9.522	163	900441	40.537	ng	99
51) 2,6-Dinitrotoluene	9.586	165	203826	41.887	ng	97
52) Acenaphthene	9.828	154	739268	41.105	ng	96
53) 3-Nitroaniline	9.757	138	191708	33.563	ng	98
54) 2,4-Dinitrophenol	9.875	184	203351	74.112	ng	94
55) Dibenzofuran	9.998	168	1052594	38.353	ng	98
56) 4-Nitrophenol	9.939	139	284800	78.452	ng	95
57) 2,4-Dinitrotoluene	9.998	165	234220	38.448	ng	86
58) Fluorene	10.345	166	840622	39.843	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	227563	41.221	ng	99
60) Diethylphthalate	10.222	149	864635	38.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	377534	37.251	ng	97
62) 4-Nitroaniline	10.380	138	243974	44.435	ng	93
63) Azobenzene	10.498	77	913009	41.848	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	144964	44.875	ng	92
66) n-Nitrosodiphenylamine	10.463	169	769188	41.774	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	242602	40.106	ng	96
68) Hexachlorobenzene	10.892	284	258089	41.880	ng	# 90
69) Atrazine	10.992	200	228981	46.217	ng	98
70) Pentachlorophenol	11.092	266	210073	56.975	ng	98
71) Phenanthrene	11.310	178	1218107	42.346	ng	99
72) Anthracene	11.363	178	1239716	41.928	ng	100
73) Carbazole	11.522	167	1212057	45.031	ng	99
74) Di-n-butylphthalate	11.851	149	1315818	41.487	ng	99
75) Fluoranthene	12.504	202	1294808	43.198	ng	98
77) Benzidine	12.633	184	334245	47.111	ng	99
78) Pyrene	12.733	202	1339882	40.638	ng	100
80) Butylbenzylphthalate	13.357	149	520301	44.820	ng	94
81) Benzo(a)anthracene	13.933	228	958452	42.861	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	264948	37.932	ng	99
83) Chrysene	13.968	228	910106	40.935	ng	98
84) Bis(2-ethylhexyl)phtha...	13.921	149	600980	50.450	ng	99
85) Di-n-octyl phthalate	14.539	149	933105	49.289	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	857769	43.794	ng	96
88) Benzo(b)fluoranthene	14.980	252	724193	44.783	ng	# 98
89) Benzo(k)fluoranthene	15.010	252	699542m	43.792	ng	
90) Benzo(a)pyrene	15.345	252	655759	42.523	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	693333	43.263	ng	97
92) Benzo(g,h,i)perylene	17.333	276	742466	44.361	ng	# 95

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



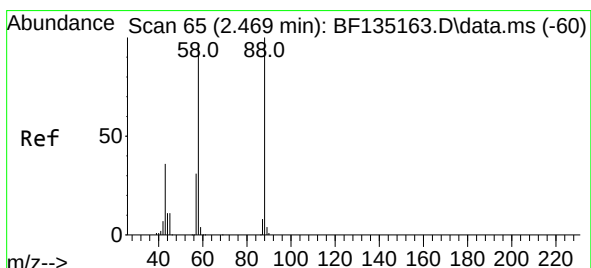
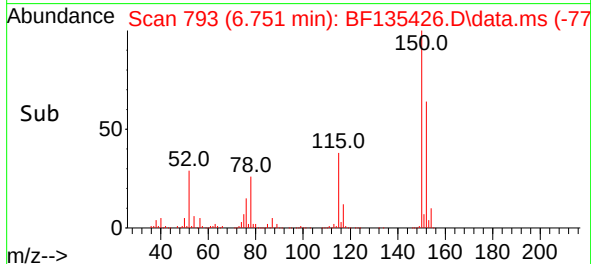
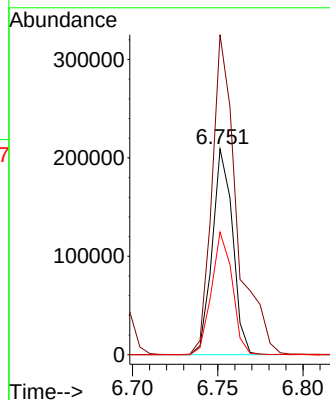
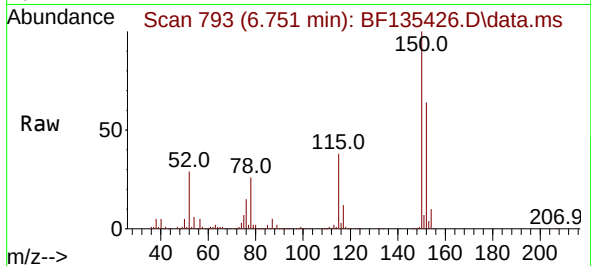
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 17438
Ion Ratio Lower Upper
152 100
150 155.6 127.8 191.6
115 59.6 49.8 74.8

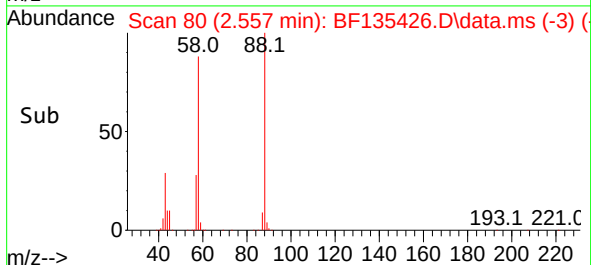
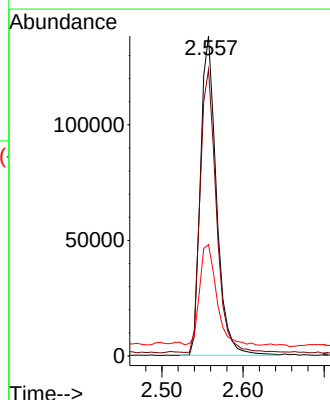
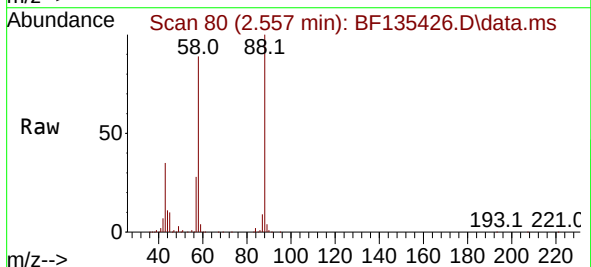
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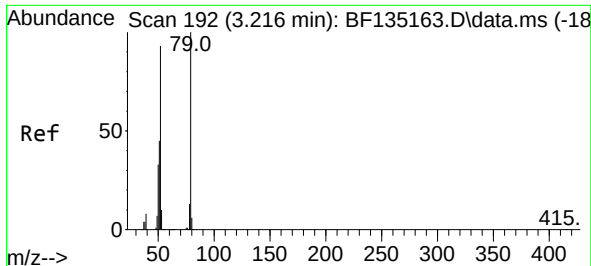
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#2
1,4-Dioxane
Concen: 40.232 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.106 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

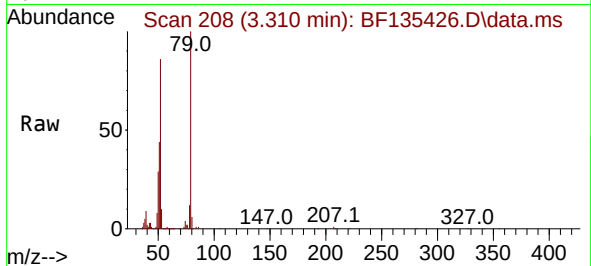
Tgt Ion: 88 Resp: 189101
Ion Ratio Lower Upper
88 100
58 89.6 78.3 117.5
43 33.6 29.4 44.0





#3
Pyridine
Concen: 38.833 ng
RT: 3.310 min Scan# 201
Delta R.T. 0.112 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

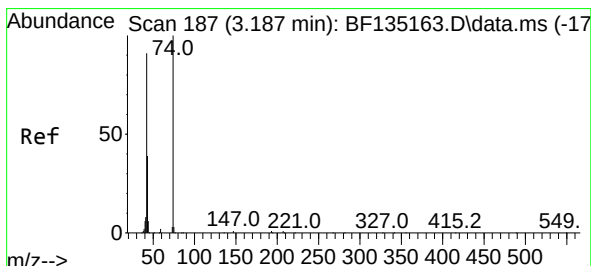
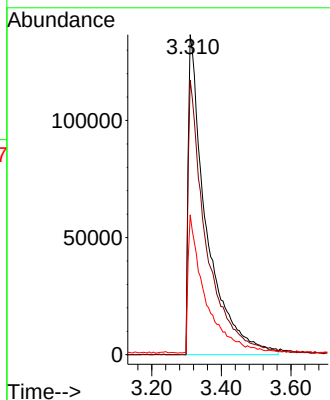
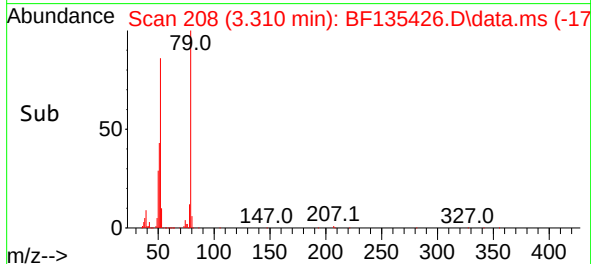
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BNA_F
ClientSampleId :
PB155763BSD



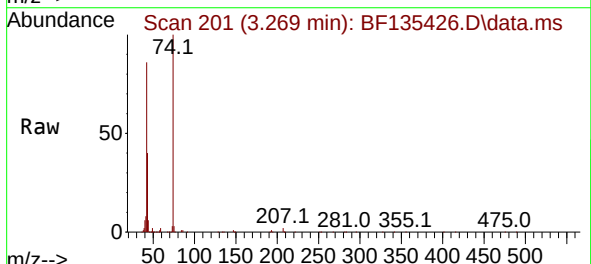
Tgt Ion: 79 Resp: 491239
Ion Ratio Lower Upper
79 100
52 85.8 74.1 111.1
51 43.7 35.8 53.8

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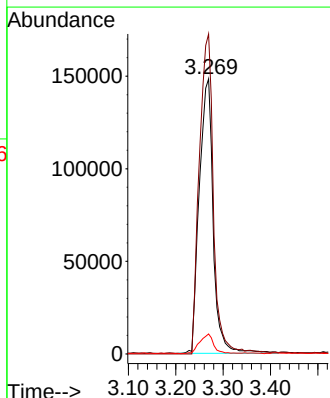
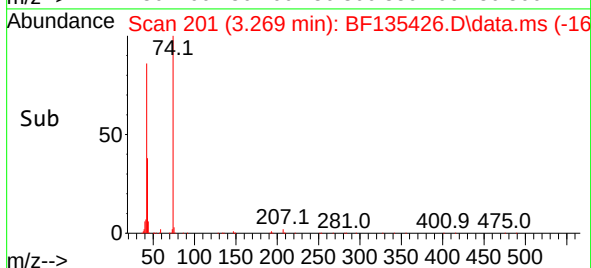
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

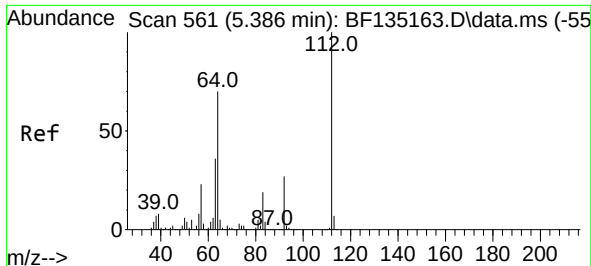


#4
n-Nitrosodimethylamine
Concen: 45.126 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



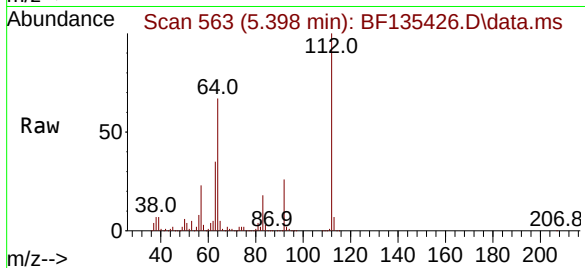
Tgt Ion: 42 Resp: 302923
Ion Ratio Lower Upper
42 100
74 116.3 87.7 131.5
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

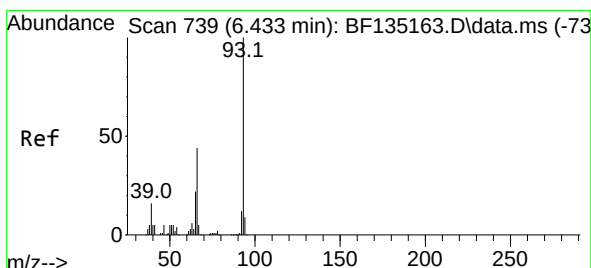
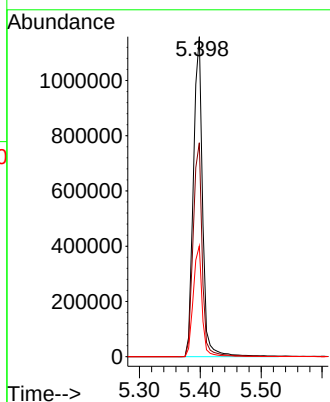
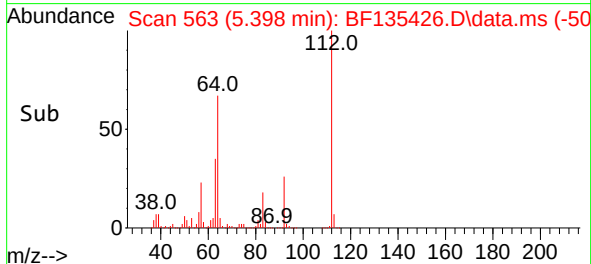
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 121863
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 34.6 29.0 43.6

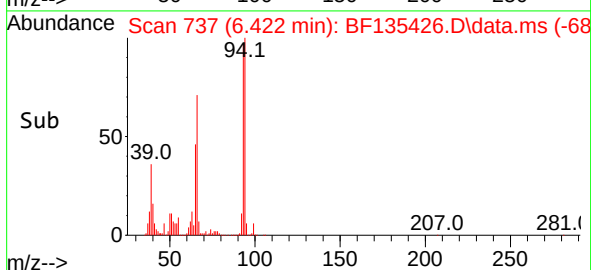
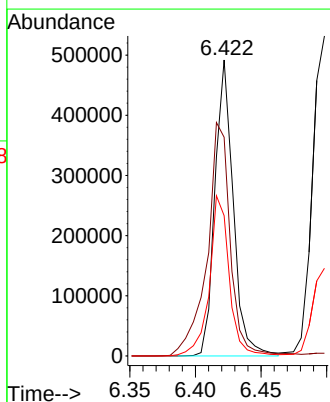
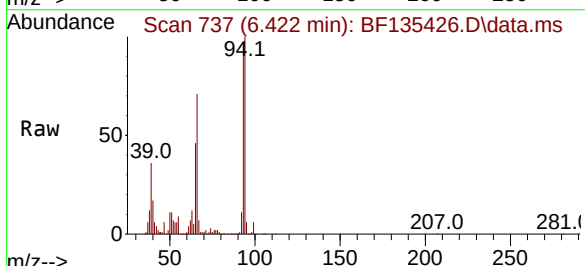
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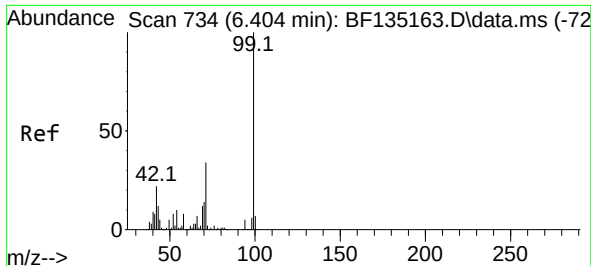
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#6
Aniline
Concen: 26.683 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

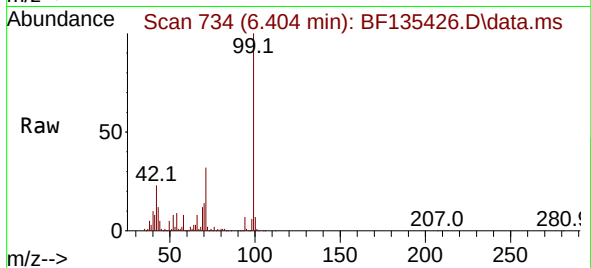
Tgt Ion: 93 Resp: 477035
Ion Ratio Lower Upper
93 100
66 73.9 35.4 53.0#
65 47.4 17.8 26.8#





#7
Phenol-d6
Concen: 113.348 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

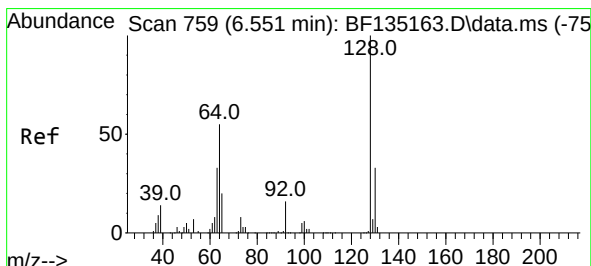
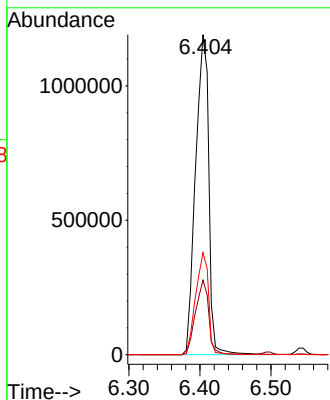
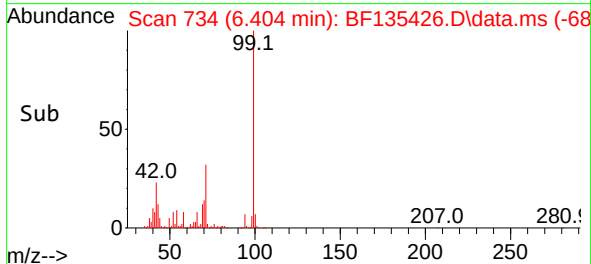
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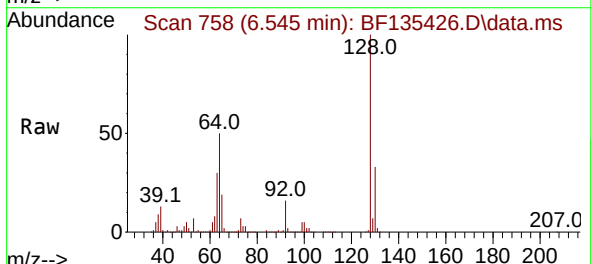
Tgt Ion: 99 Resp: 154532
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 31.9 27.0 40.6

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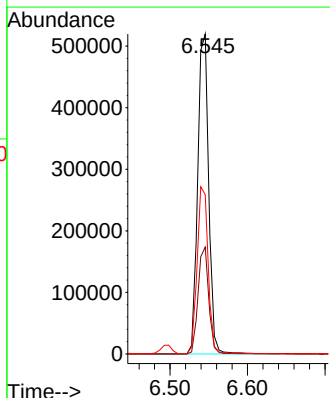
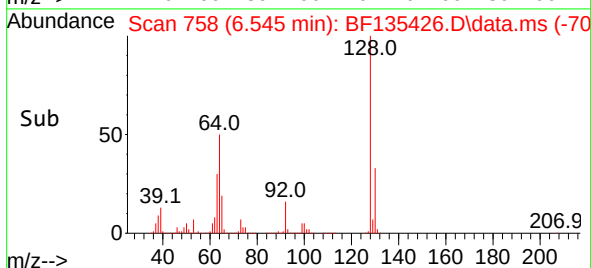
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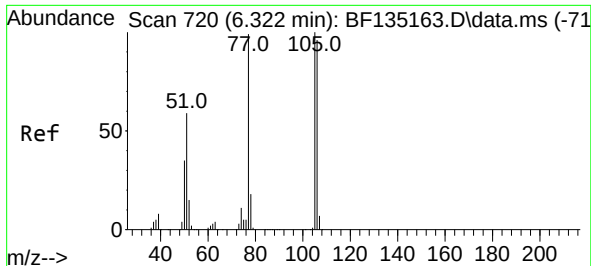


#8
2-Chlorophenol
Concen: 44.795 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



Tgt Ion:128 Resp: 512705
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 49.8 35.9 75.9





#9

Benzaldehyde

Concen: 21.111 ng

RT: 6.310 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135426.D

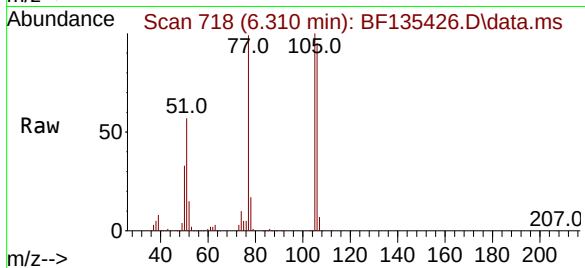
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



Tgt Ion: 77 Resp: 16396

Ion Ratio Lower Upper

77 100

105 101.5 81.4 121.4

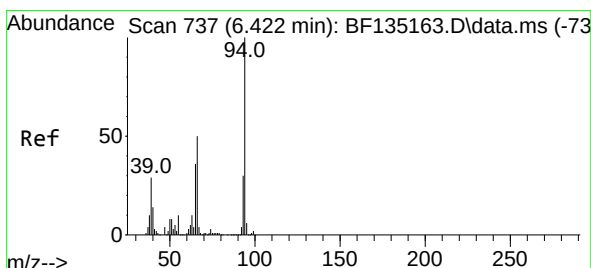
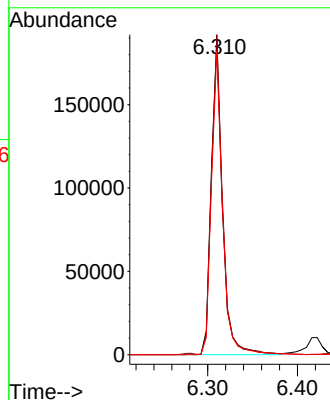
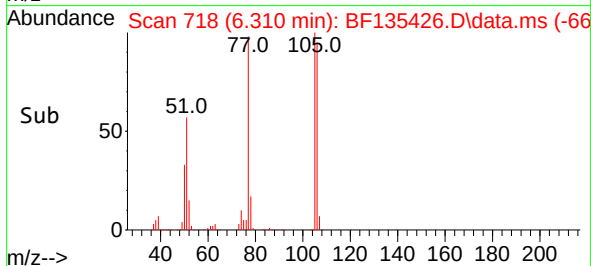
106 96.4 76.9 116.9

Manual Integrations

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#10

Phenol

Concen: 39.216 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.000 min

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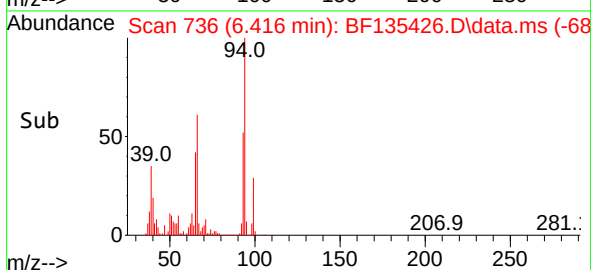
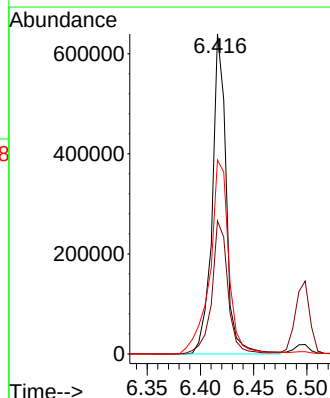
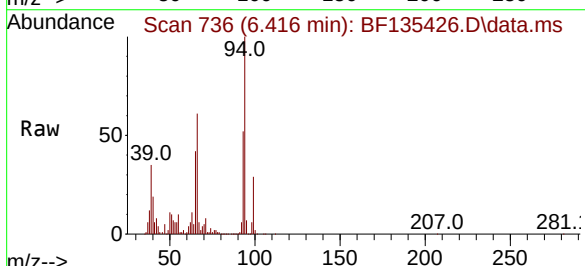
Tgt Ion: 94 Resp: 586259

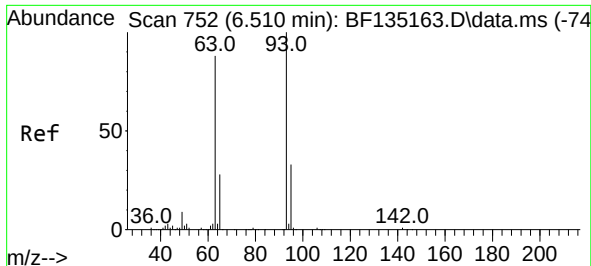
Ion Ratio Lower Upper

94 100

65 41.6 15.9 55.9

66 60.6 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 45.172 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion: 93 Resp: 506550

Ion Ratio Lower Upper

93 100

63 85.4 67.3 107.3

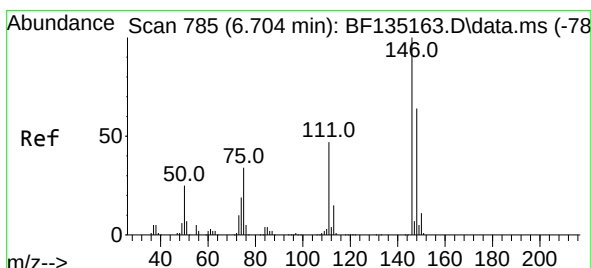
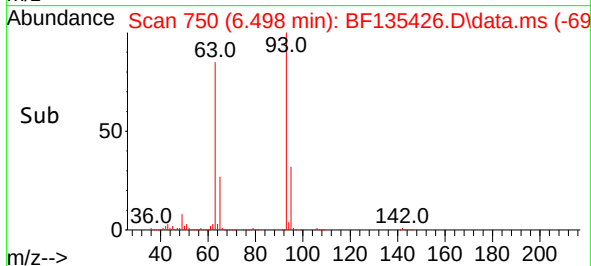
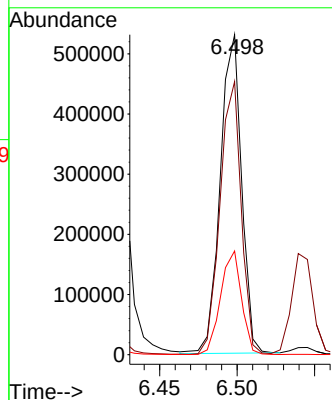
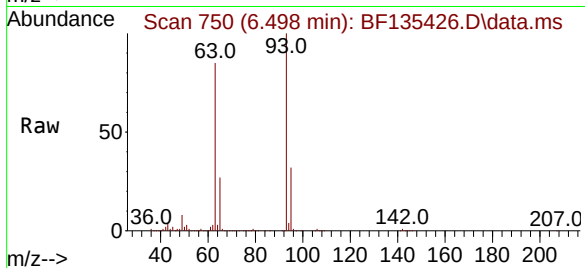
95 32.4 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#12

1,3-Dichlorobenzene

Concen: 42.757 ng

RT: 6.692 min Scan# 783

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

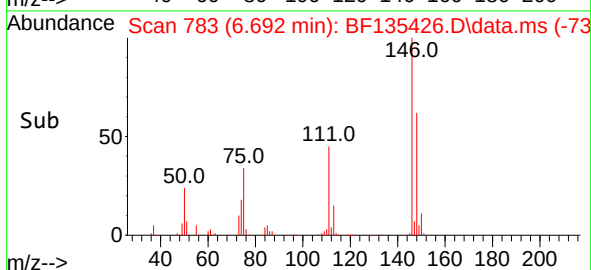
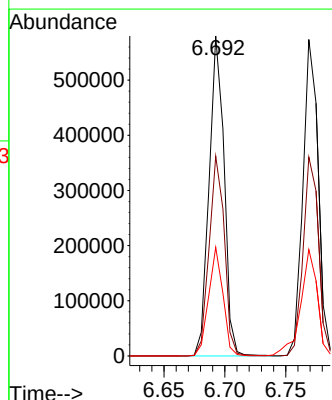
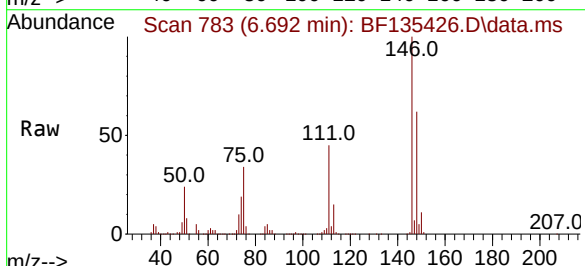
Tgt Ion:146 Resp: 497349

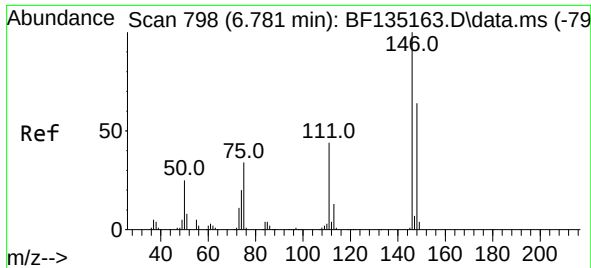
Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

75 34.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.549 ng

RT: 6.769 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

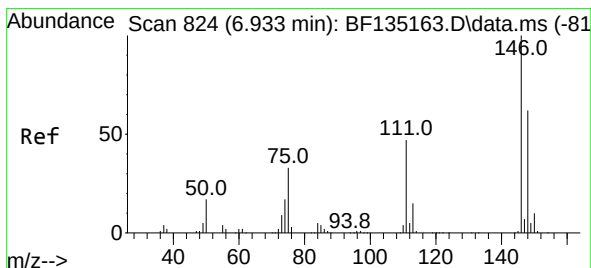
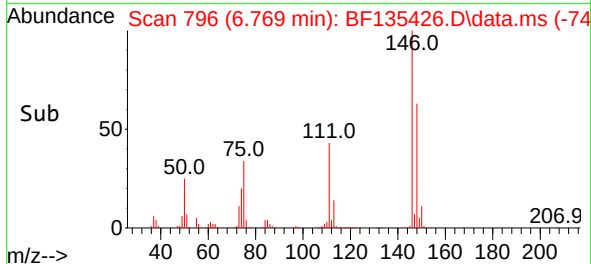
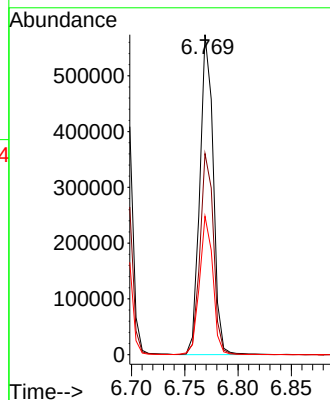
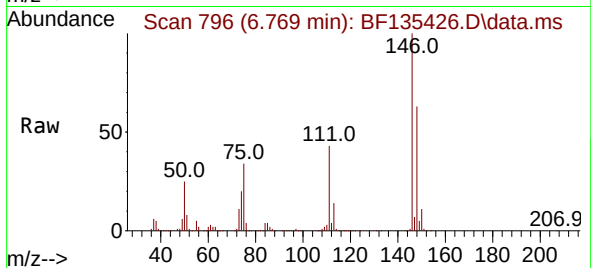
Tgt Ion:146 Resp: 50354
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 43.3 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#14

1,2-Dichlorobenzene

Concen: 43.339 ng

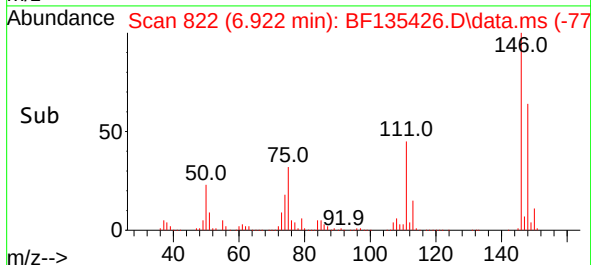
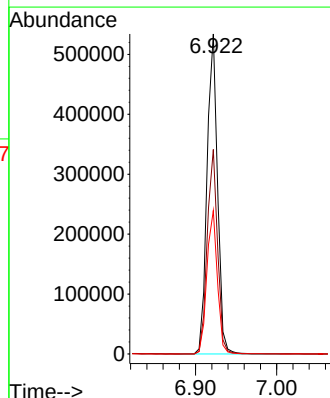
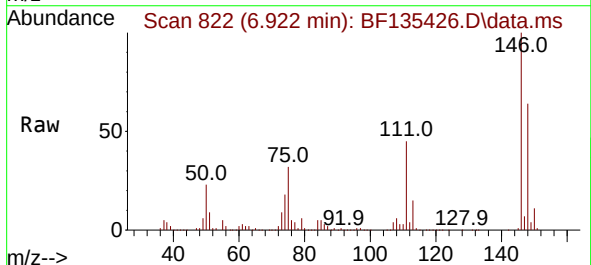
RT: 6.922 min Scan# 822

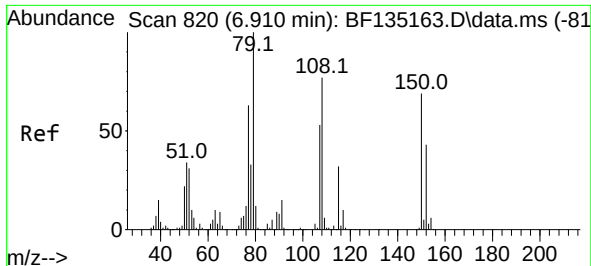
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

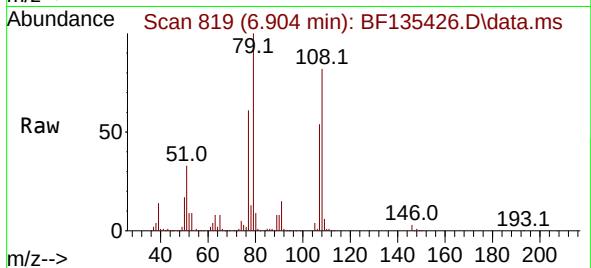
Tgt Ion:146 Resp: 476299
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.7 74.5
 111 44.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 42.058 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

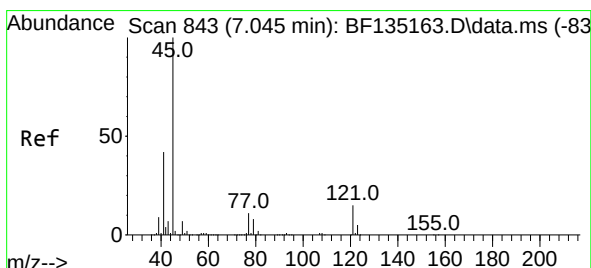
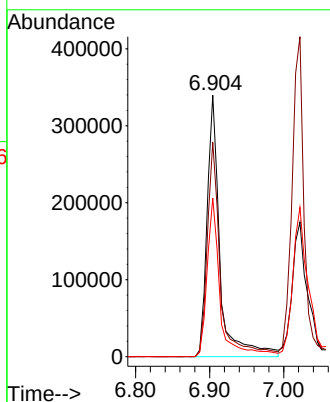
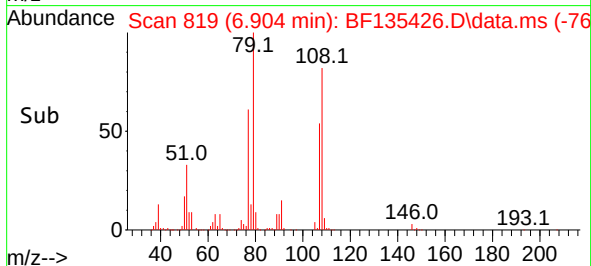
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion: 79 Resp: 411462
Ion Ratio Lower Upper
79 100
108 82.0 61.2 91.8
77 60.7 50.5 75.7

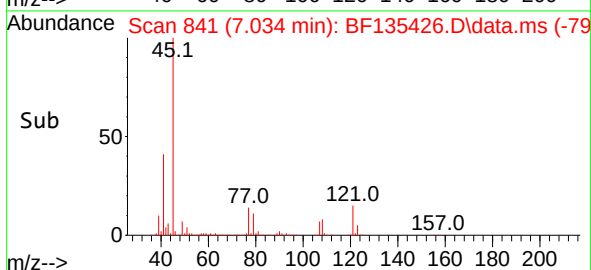
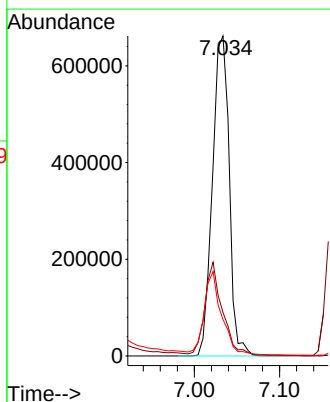
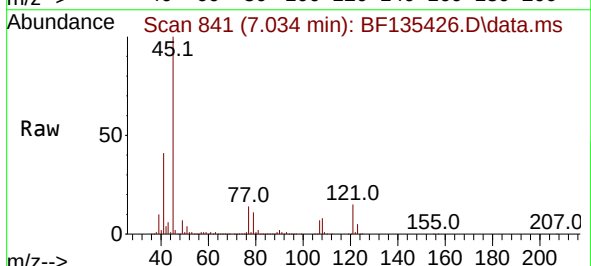
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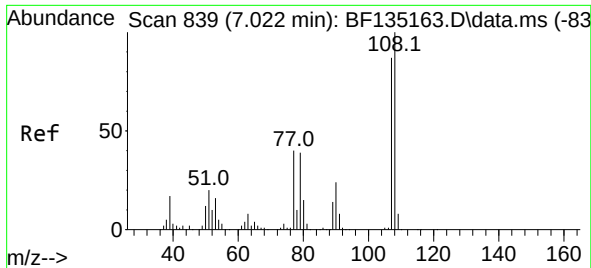
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.955 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

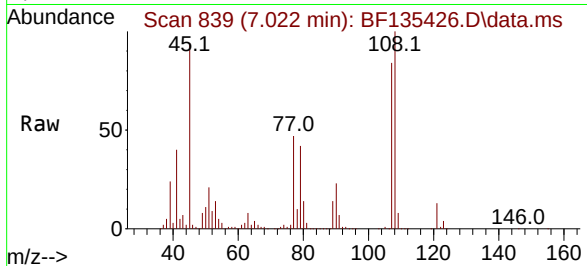
Tgt Ion: 45 Resp: 907949
Ion Ratio Lower Upper
45 100
77 13.6 0.0 30.6
79 11.4 0.0 28.3





#17
2-Methylphenol
Concen: 40.238 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

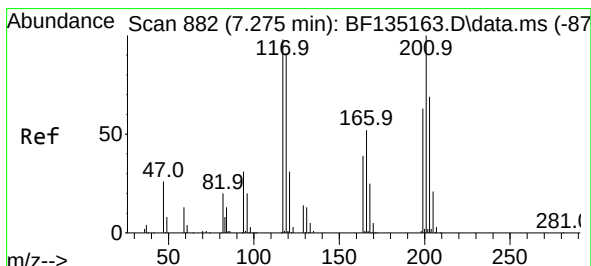
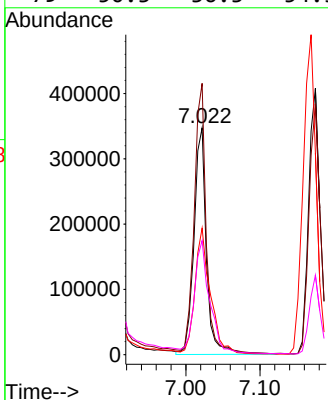
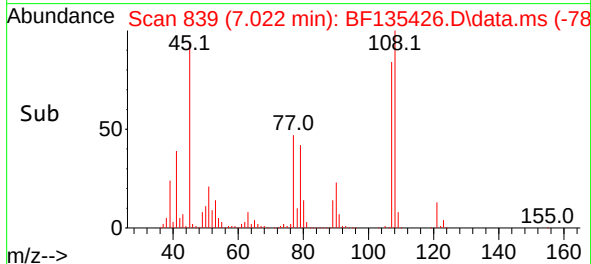
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



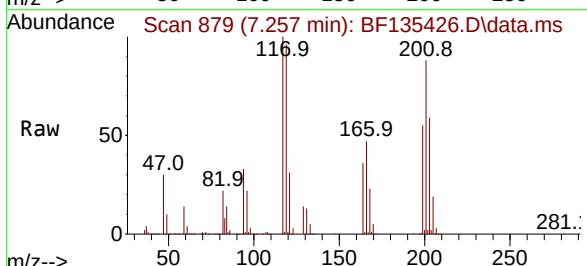
Tgt Ion:107 Resp: 406411
Ion Ratio Lower Upper
107 100
108 119.6 92.0 138.0
77 55.8 36.7 55.1
79 50.3 36.3 54.5

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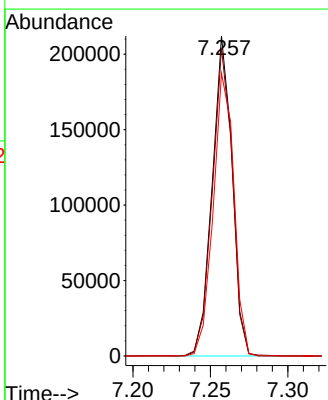
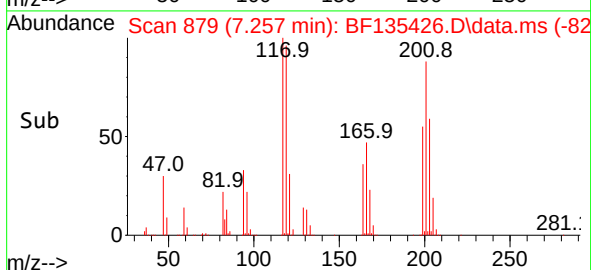
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

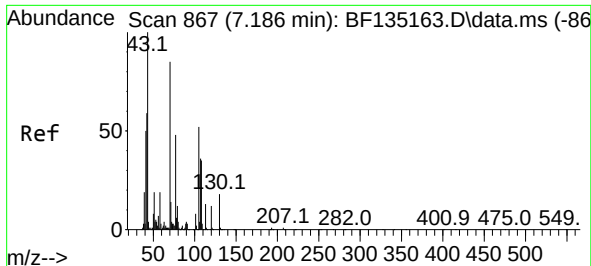


#18
Hexachloroethane
Concen: 43.477 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



Tgt Ion:117 Resp: 190112
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
201 88.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.649 ng

RT: 7.169 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135426.D

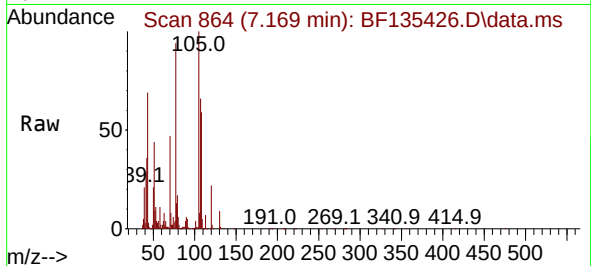
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



Tgt Ion: 70 Resp: 317928

Ion Ratio Lower Upper

70 100

42 76.2 55.4 83.0

101 9.3 7.7 11.5

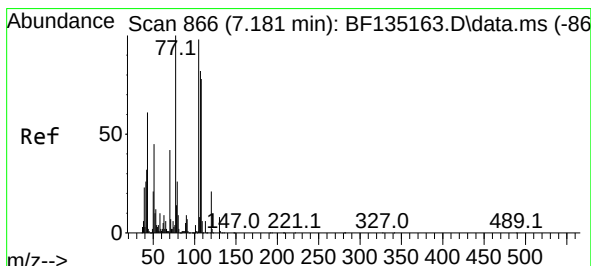
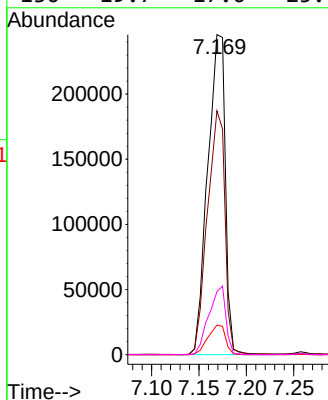
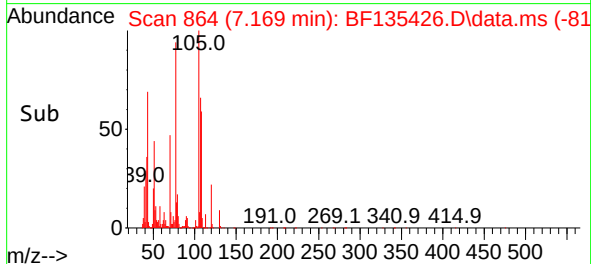
130 19.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#20

3+4-Methylphenols

Concen: 38.007 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion:107 Resp: 461607

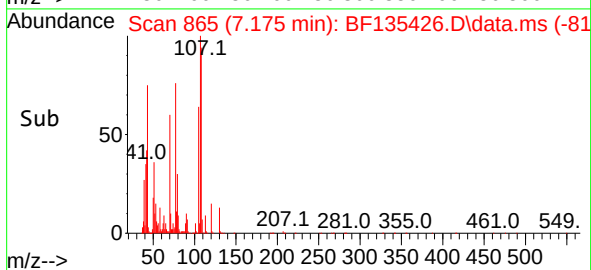
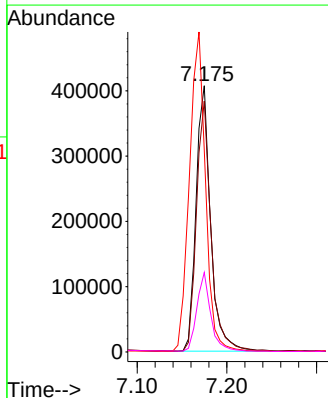
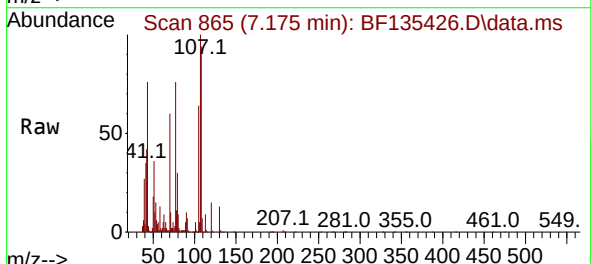
Ion Ratio Lower Upper

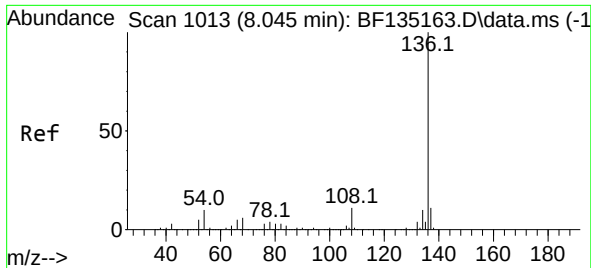
107 100

108 94.2 74.7 114.7

77 75.8 102.0 142.0#

79 29.9 11.7 51.7





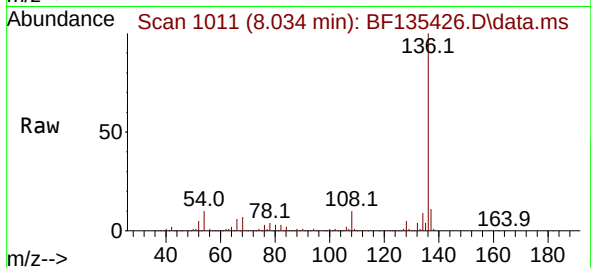
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



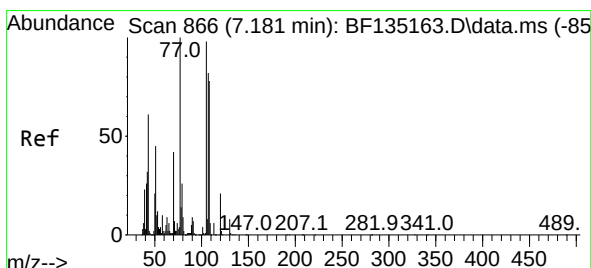
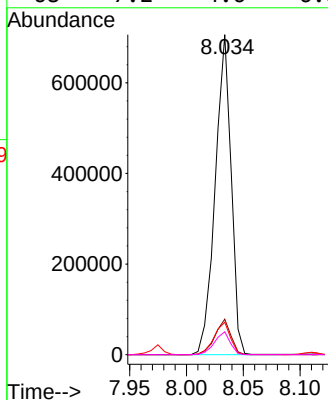
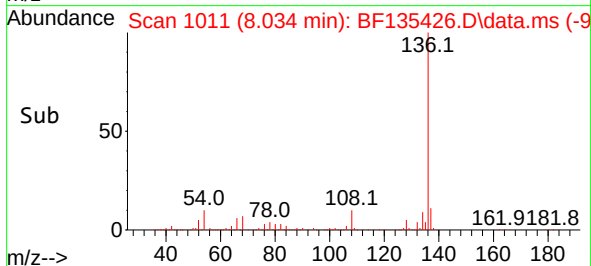
Tgt Ion:136 Resp: 689519
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 7.7 11.5
68 7.2 4.6 6.8#

Manual Integrations

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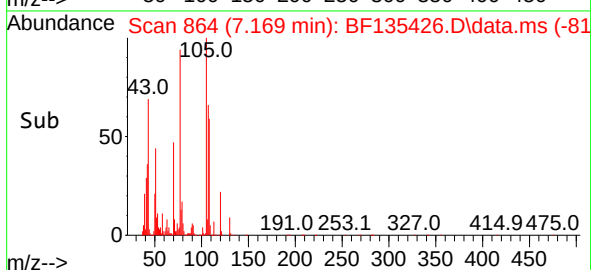
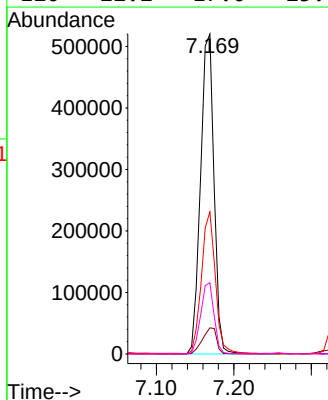
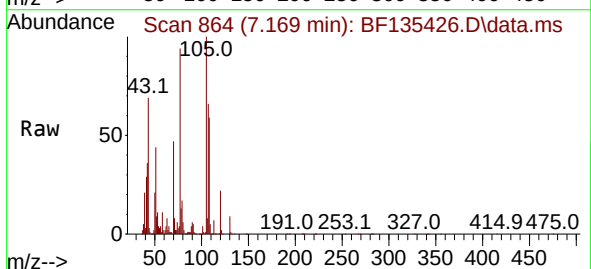
Reviewed By :Yogesh Patel 09/26/2023

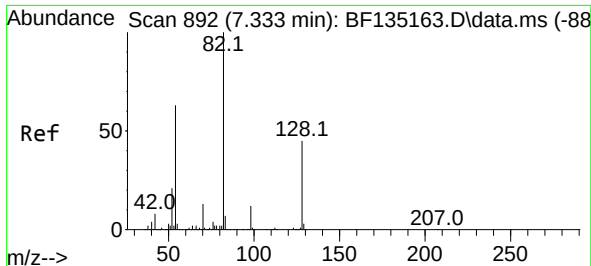
Supervised By :Jagrut Upadhyay 09/26/2023



#22
Acetophenone
Concen: 39.885 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:105 Resp: 628758
Ion Ratio Lower Upper
105 100
71 8.1 5.8 8.6
51 44.4 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.834 ng

RT: 7.322 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

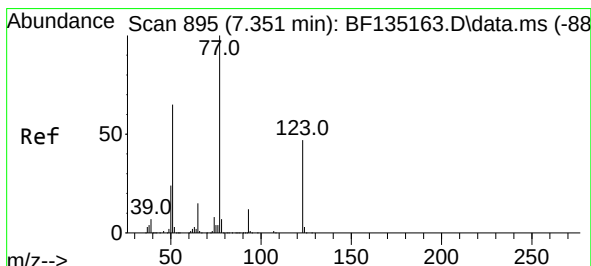
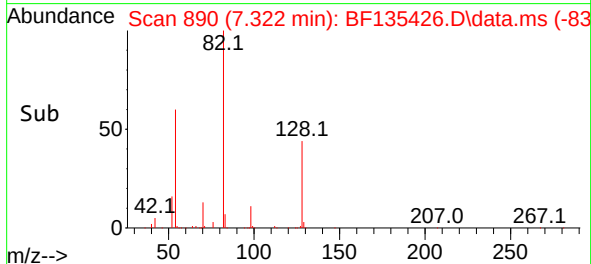
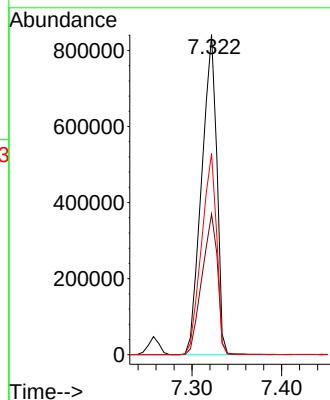
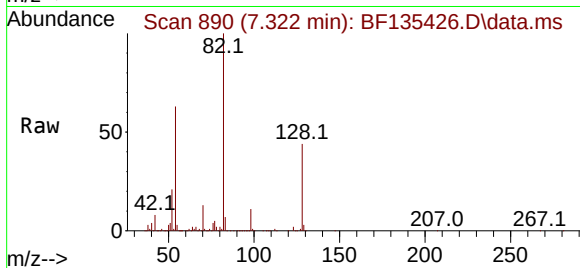
Tgt Ion: 82 Resp: 987820
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.8 53.6
 54 62.9 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#24

Nitrobenzene

Concen: 42.006 ng

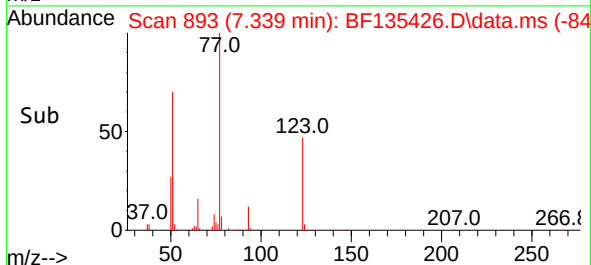
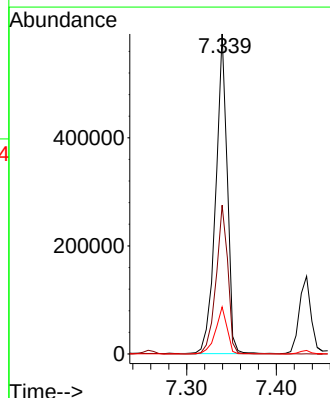
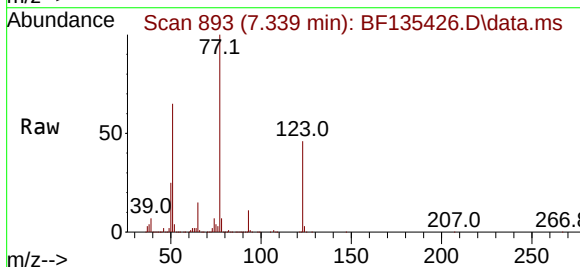
RT: 7.339 min Scan# 893

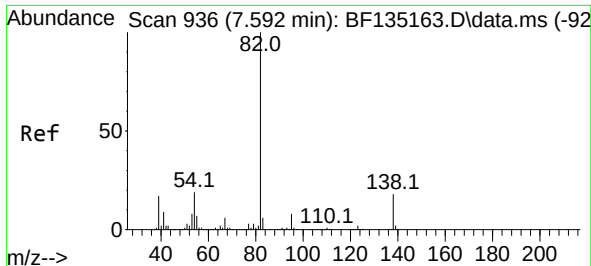
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion: 77 Resp: 526930
 Ion Ratio Lower Upper
 77 100
 123 46.5 37.6 56.4
 65 14.7 12.2 18.4





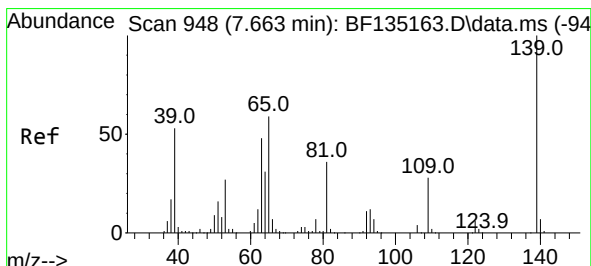
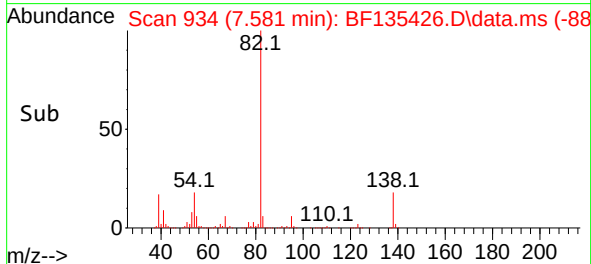
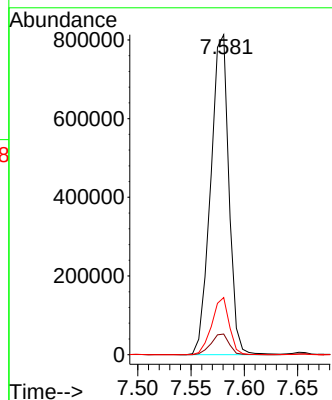
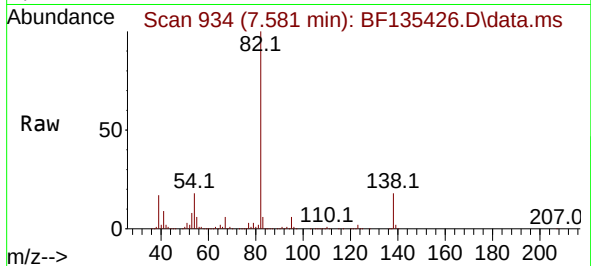
#25
Isophorone
Concen: 41.453 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :
BNA_F
ClientSampleId :
PB155763BSD

Tgt Ion: 82 Resp: 966054
Ion Ratio Lower Upper
82 100
95 6.4 6.0 9.0
138 17.9 14.5 21.7

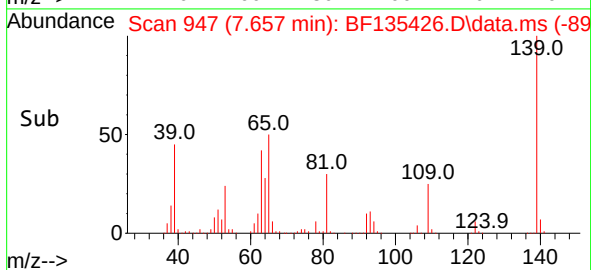
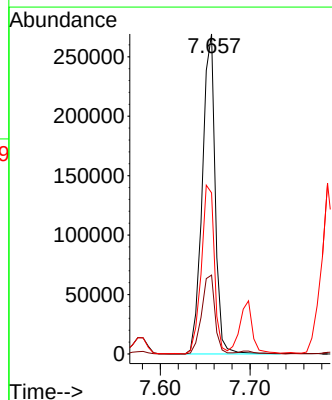
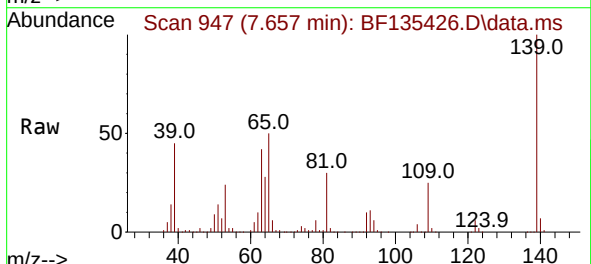
Manual Integrations
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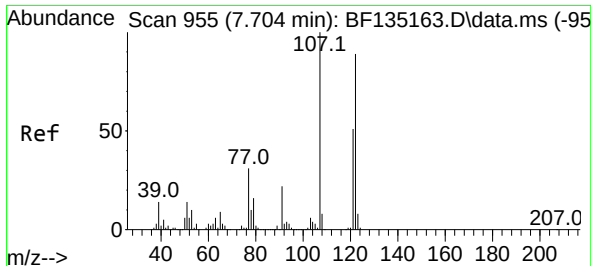
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#26
2-Nitrophenol
Concen: 44.745 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:139 Resp: 269388
Ion Ratio Lower Upper
139 100
109 24.7 22.6 33.8
65 50.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.696 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135426.D

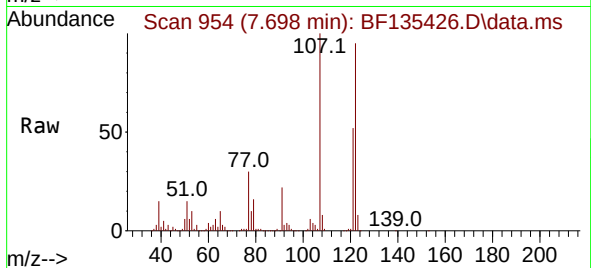
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



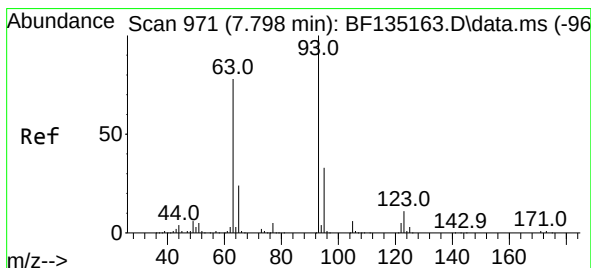
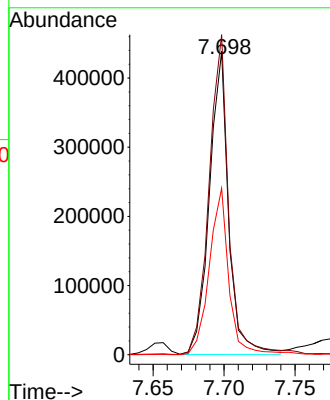
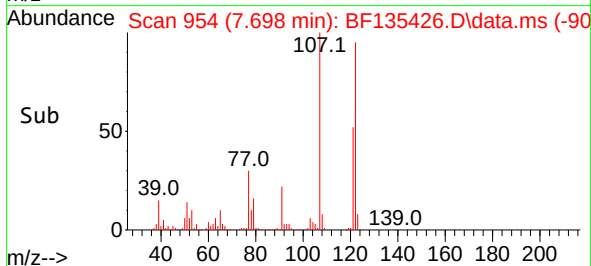
Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.5	90.2	135.4
121	54.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.981 ng

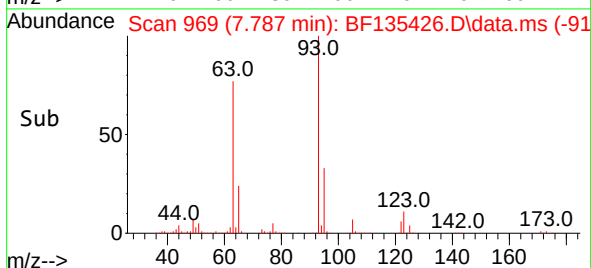
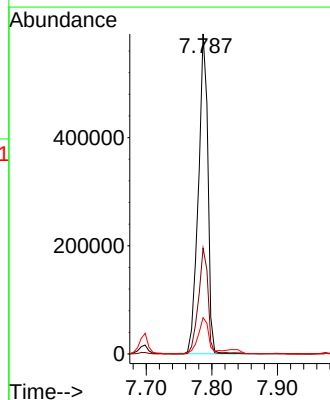
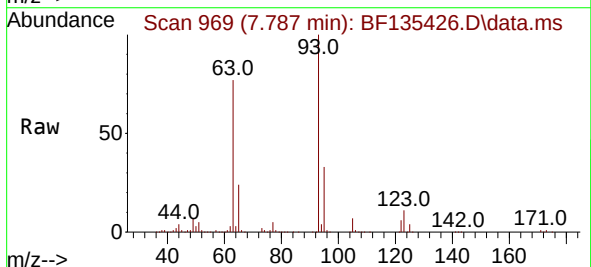
RT: 7.787 min Scan# 969

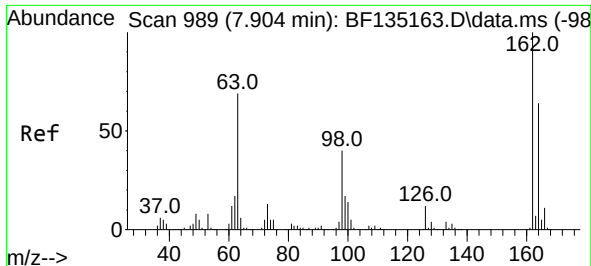
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 41.233 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

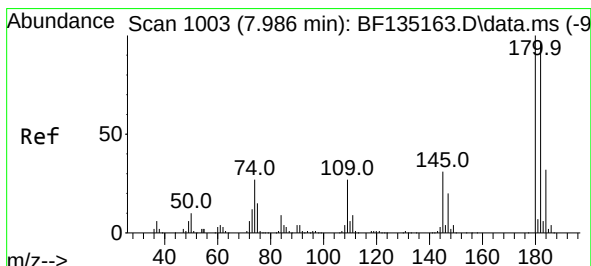
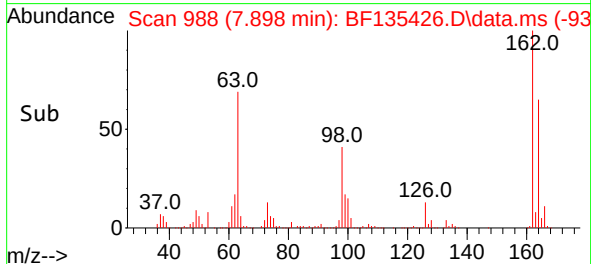
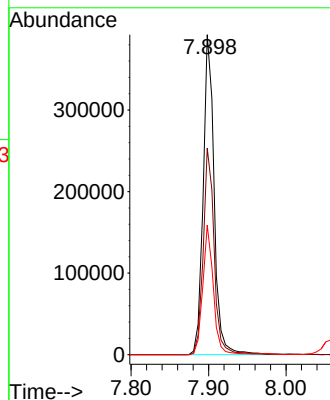
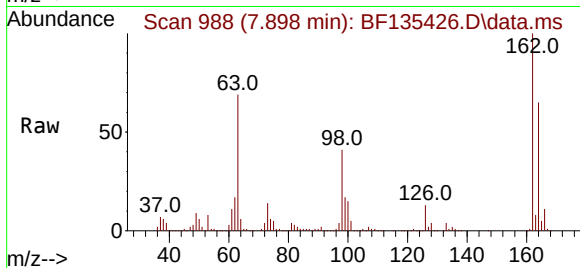
Tgt Ion:162 Resp: 38665
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.1 84.1
 98 40.5 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.768 ng

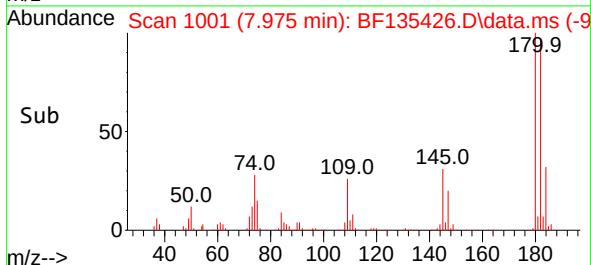
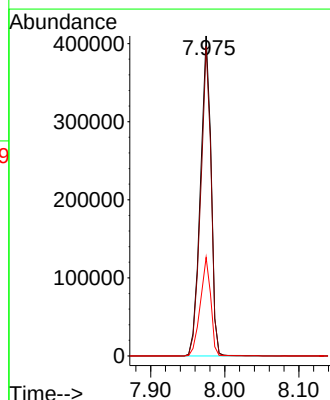
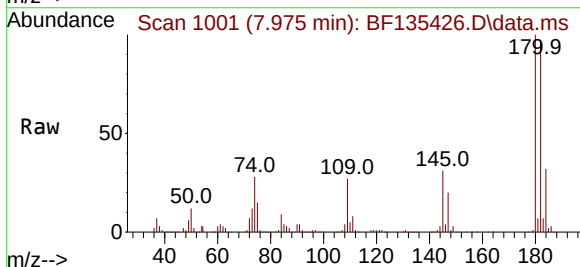
RT: 7.975 min Scan# 1001

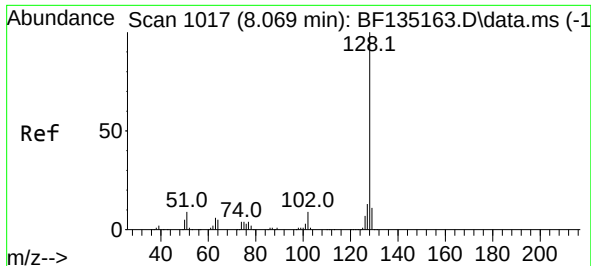
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

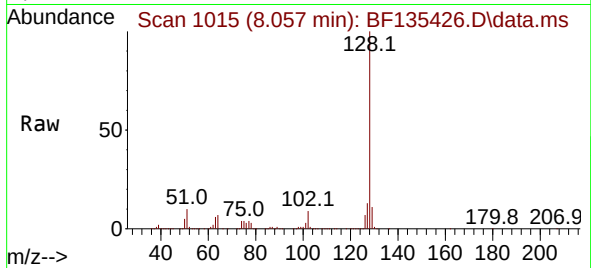
Tgt Ion:180 Resp: 409377
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.9 115.3
 145 30.8 24.5 36.7





#31
Naphthalene
Concen: 40.763 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

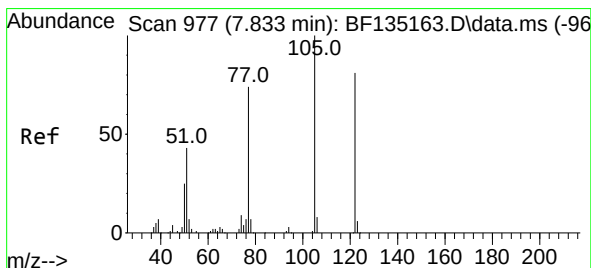
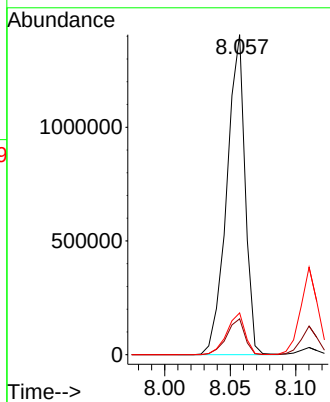
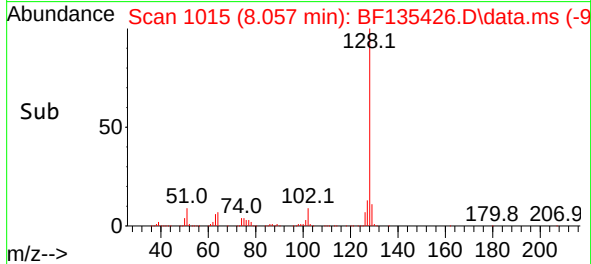
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:128 Resp: 136562
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.7 16.1

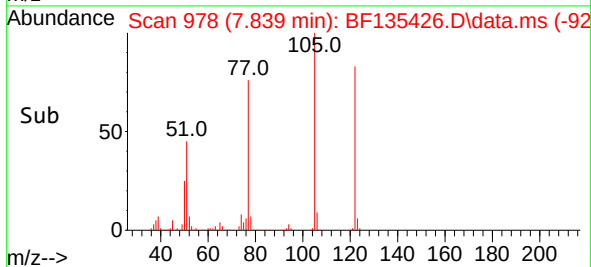
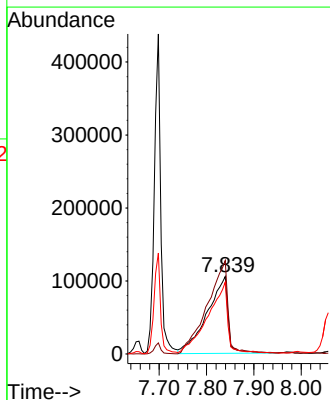
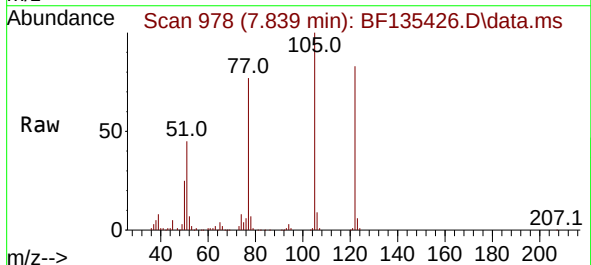
Manual Integrations
APPROVED

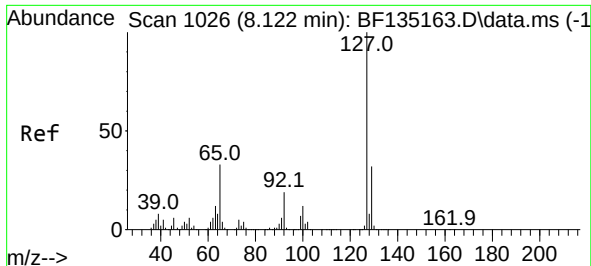
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#32
Benzoic acid
Concen: 42.442 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.012 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:122 Resp: 323424
Ion Ratio Lower Upper
122 100
105 120.5 99.9 139.9
77 92.8 70.0 110.0





#33
4-Chloroaniline
Concen: 25.915 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

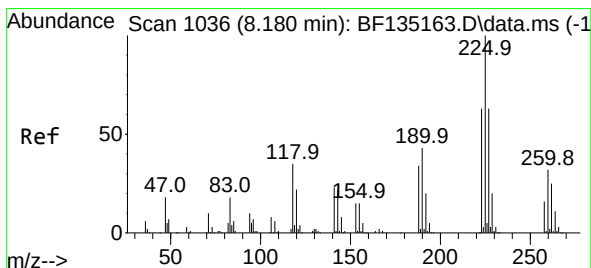
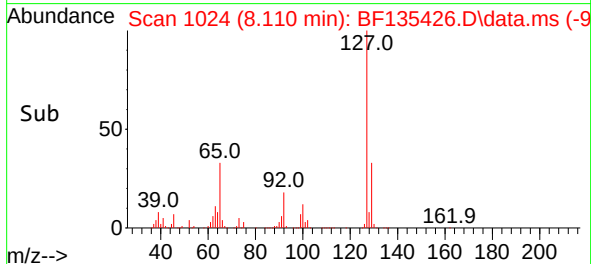
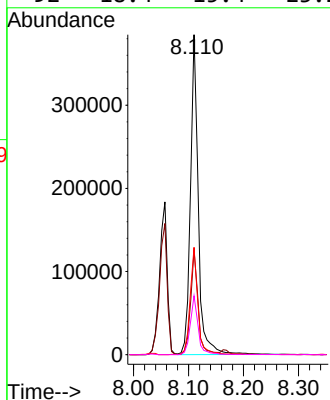
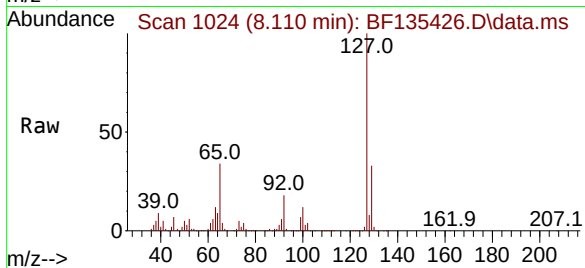
PB155763BSD

Tgt Ion:127 Resp: 380912
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 33.6 26.6 39.8
92 18.4 15.4 23.2

Manual Integrations

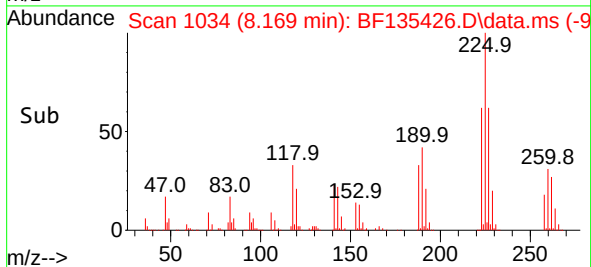
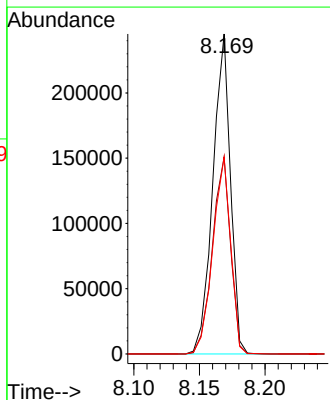
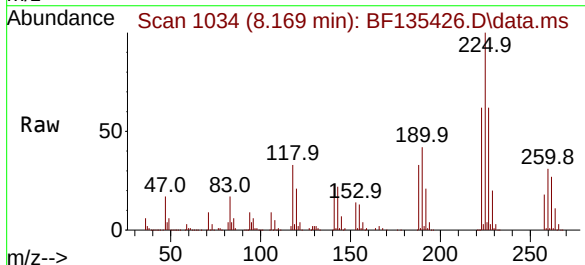
APPROVED

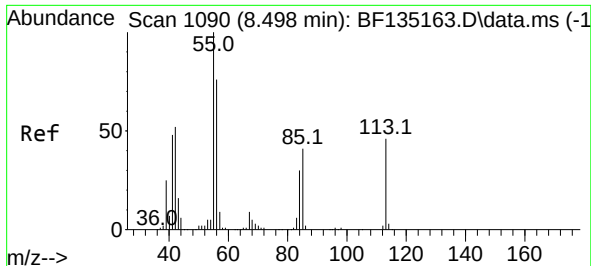
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#34
Hexachlorobutadiene
Concen: 38.616 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

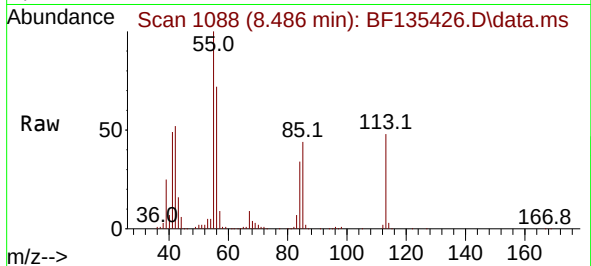
Tgt Ion:225 Resp: 228218
Ion Ratio Lower Upper
225 100
223 61.6 50.6 75.8
227 61.6 50.8 76.2





#35
 Caprolactam
 Concen: 42.229 ng m
 RT: 8.486 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135426.D
 Acq: 25 Sep 2023 14:44

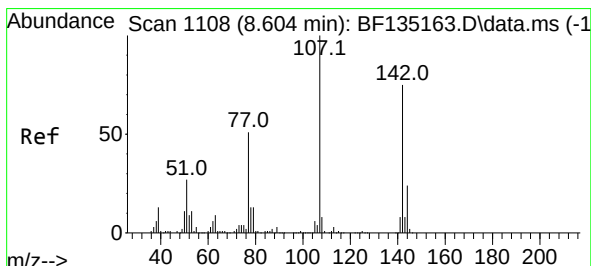
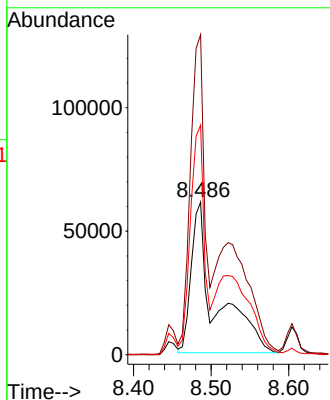
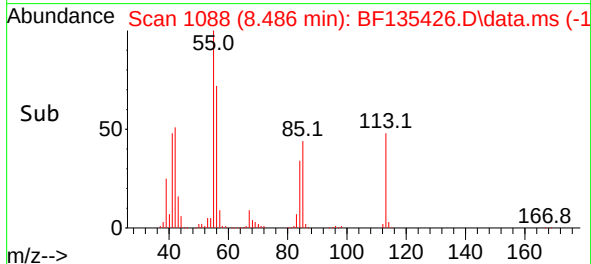
Instrument :
 BNA_F
 ClientSampleId :
 PB155763BSD



Tgt Ion:113 Resp: 132900
 Ion Ratio Lower Upper
 113 100
 55 209.6 199.3 239.3
 56 150.3 146.3 186.3

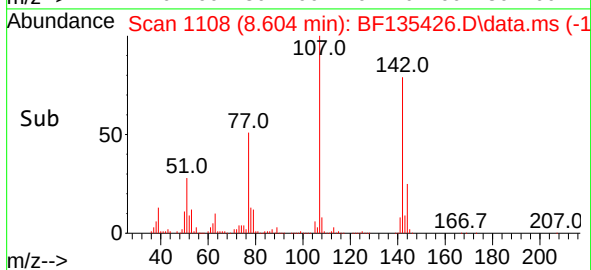
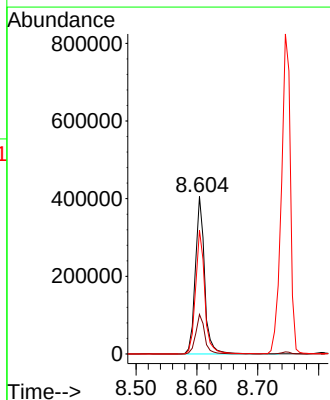
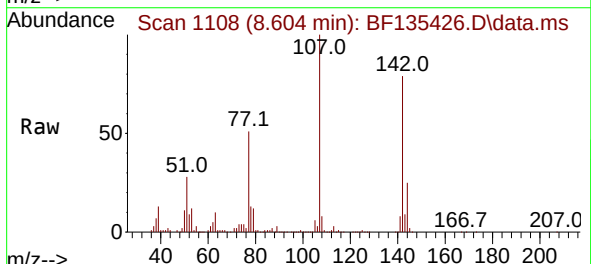
Manual Integrations
 APPROVED

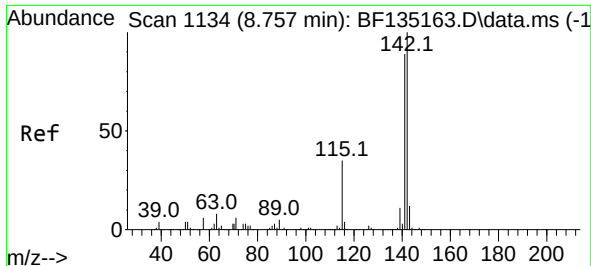
Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Jagrut Upadhyay 09/26/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.067 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.000 min
 Lab File: BF135426.D
 Acq: 25 Sep 2023 14:44

Tgt Ion:107 Resp: 427999
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.0 28.4
 142 78.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 37.740 ng

RT: 8.745 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:142 Resp: 84990

Ion Ratio Lower Upper

142 100

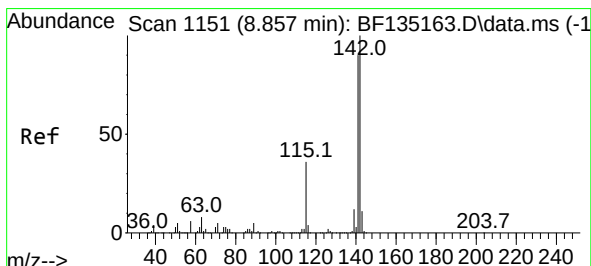
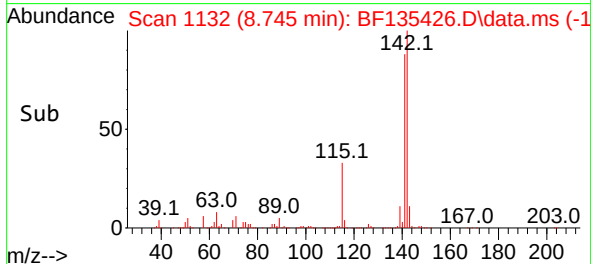
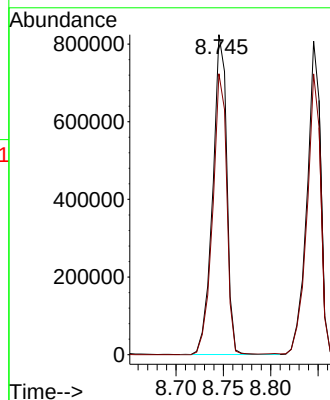
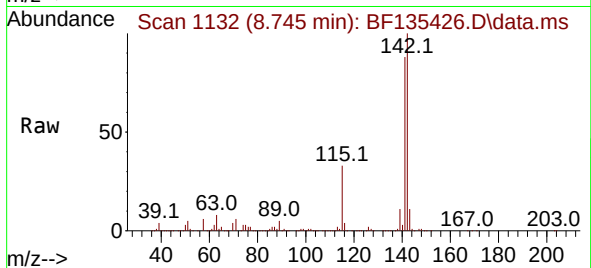
141 87.8 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#38

1-Methylnaphthalene

Concen: 38.584 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135426.D

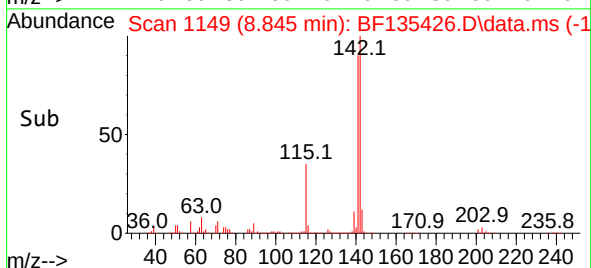
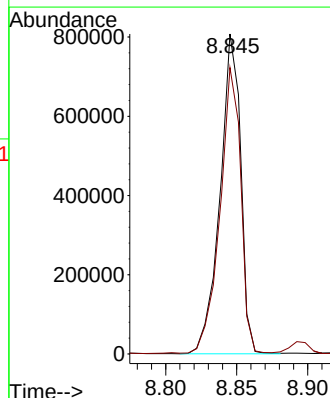
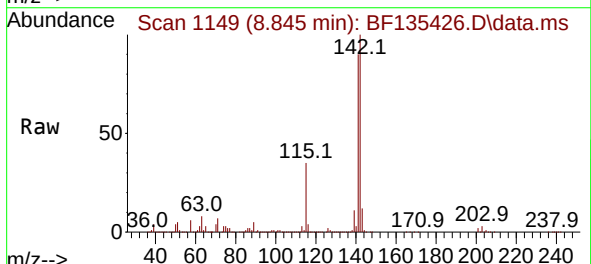
Acq: 25 Sep 2023 14:44

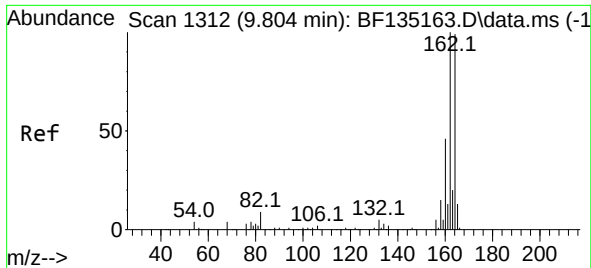
Tgt Ion:142 Resp: 813488

Ion Ratio Lower Upper

142 100

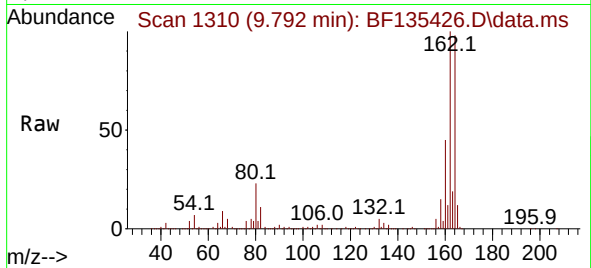
141 89.5 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

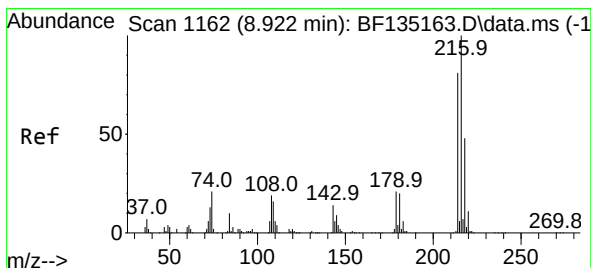
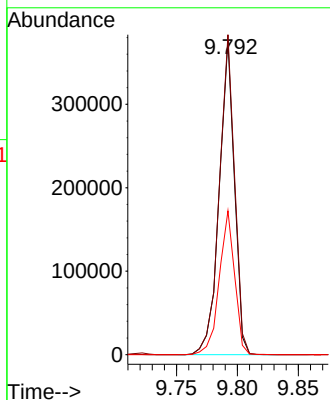
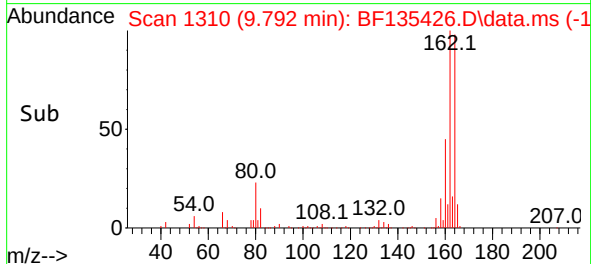
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



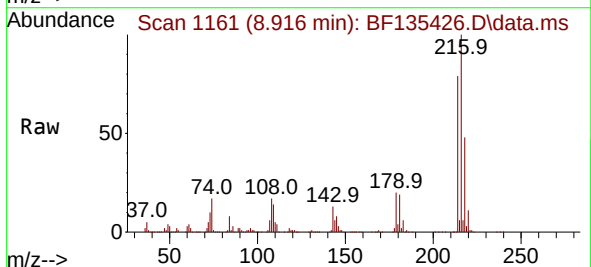
Tgt Ion:164 Resp: 328540
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.7 37.0 55.4

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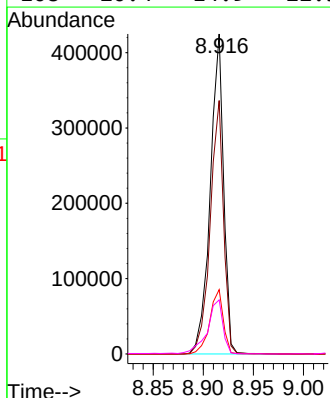
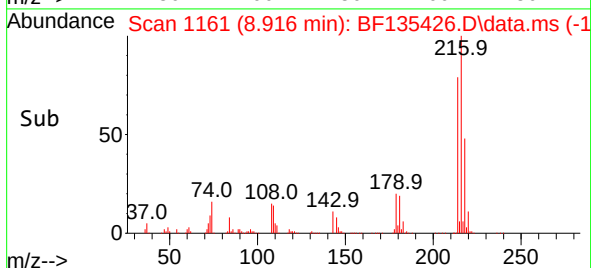
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

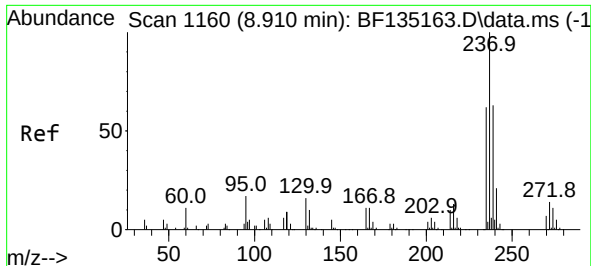


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.524 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



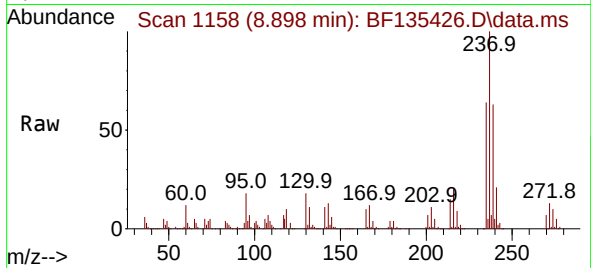
Tgt Ion:216 Resp: 395230
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 20.4 16.7 25.1
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 58.001 ng
RT: 8.898 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

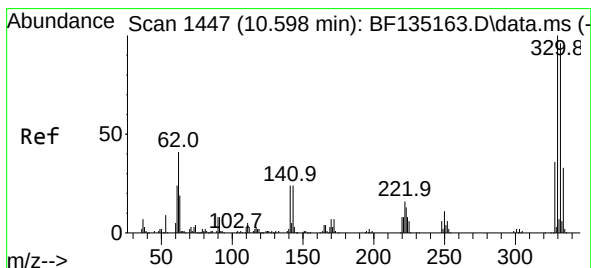
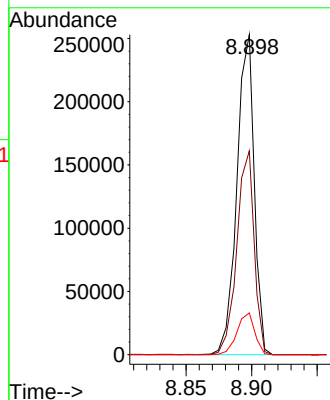
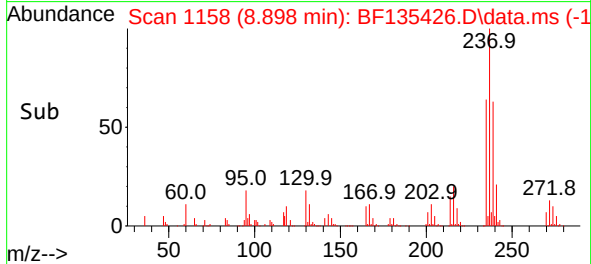
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



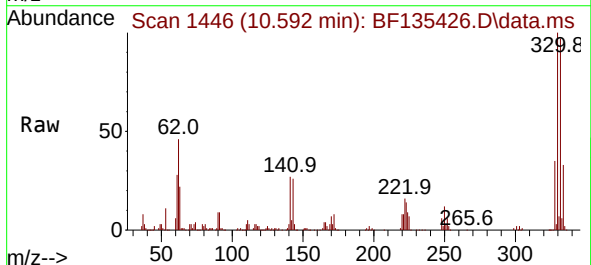
Tgt Ion:237 Resp: 23387
Ion Ratio Lower Upper
237 100
235 63.7 41.8 81.8
272 13.0 0.0 33.6

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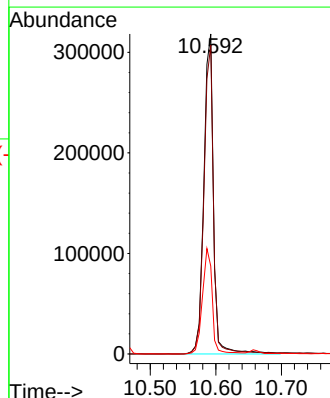
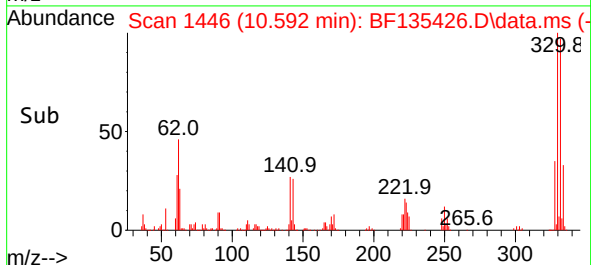
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

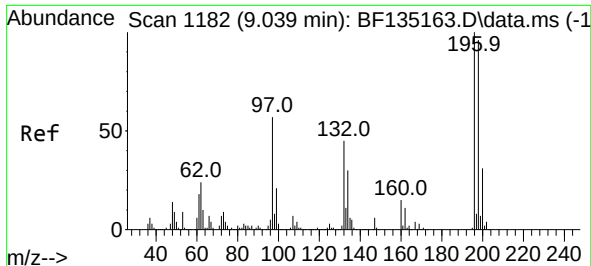


#42
2,4,6-Tribromophenol
Concen: 99.910 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



Tgt Ion:330 Resp: 326197
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.725 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

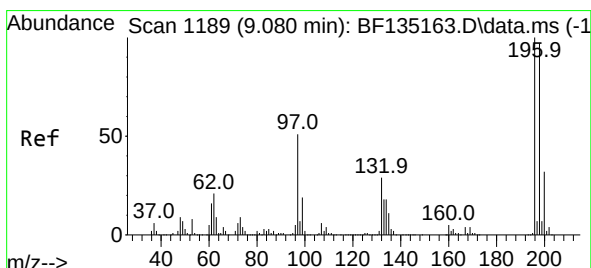
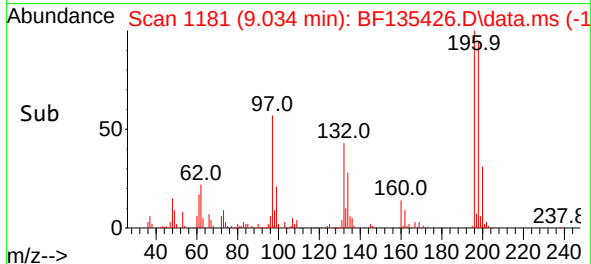
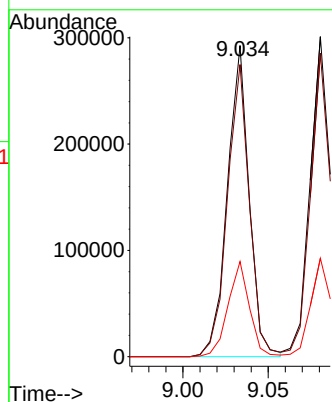
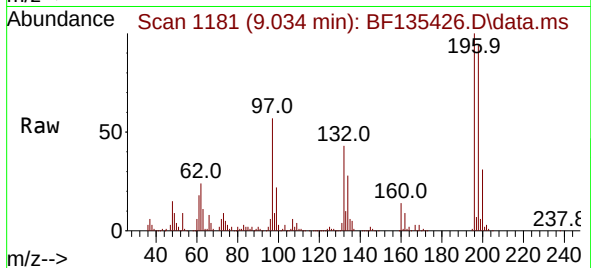
Tgt Ion:196 Resp: 260023
 Ion Ratio Lower Upper
 196 100
 198 93.9 77.0 115.6
 200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#44

2,4,5-Trichlorophenol

Concen: 39.058 ng

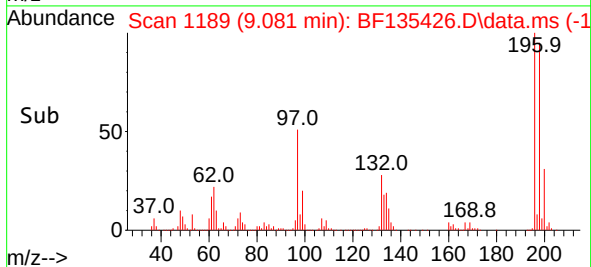
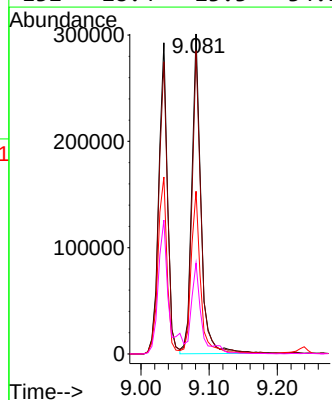
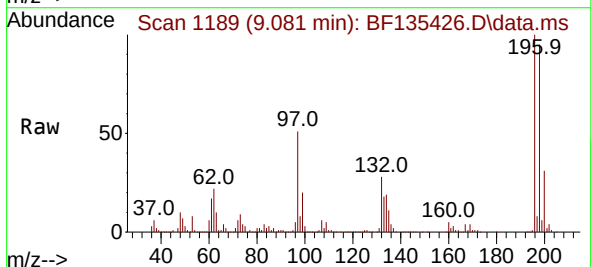
RT: 9.081 min Scan# 1189

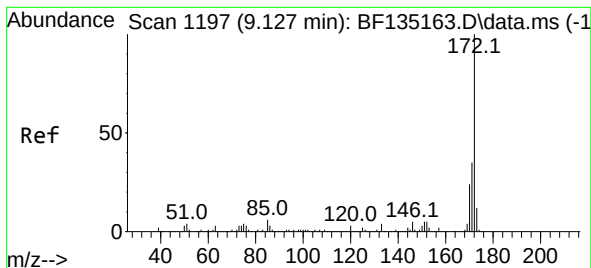
Delta R.T. 0.006 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion:196 Resp: 280309
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.5 116.3
 97 50.9 40.5 60.7
 132 28.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.543 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:172 Resp: 157970

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

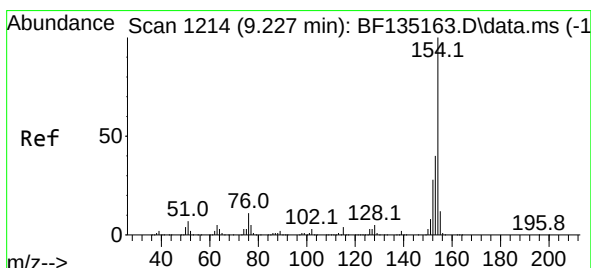
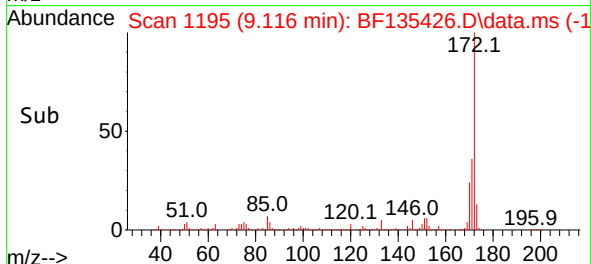
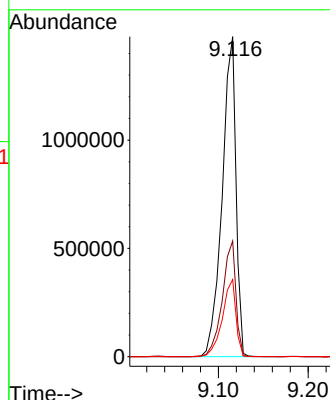
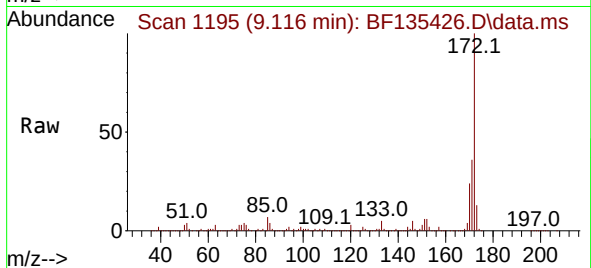
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#46

1,1'-Biphenyl

Concen: 41.445 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

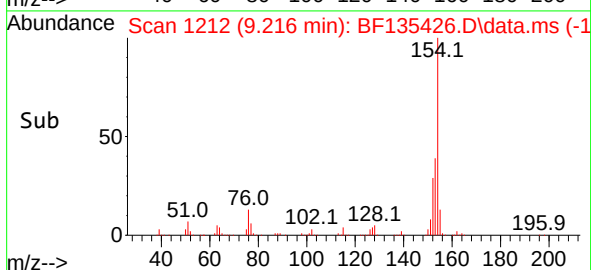
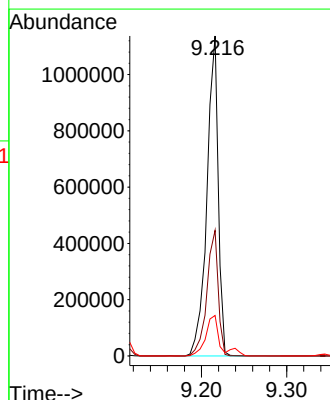
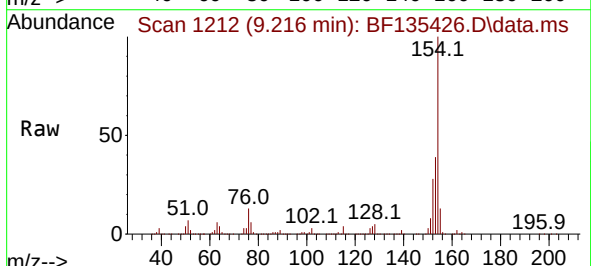
Tgt Ion:154 Resp: 1046398

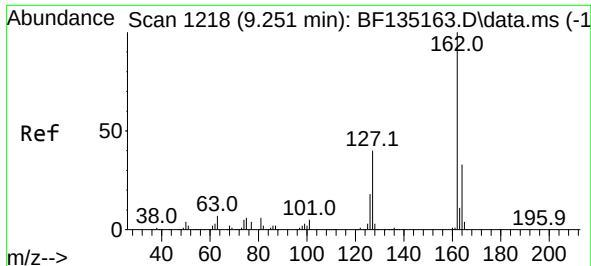
Ion Ratio Lower Upper

154 100

153 39.3 19.6 59.6

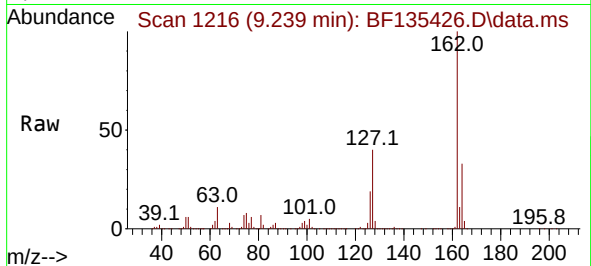
76 12.6 0.0 31.0





#47
2-Chloronaphthalene
Concen: 43.245 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

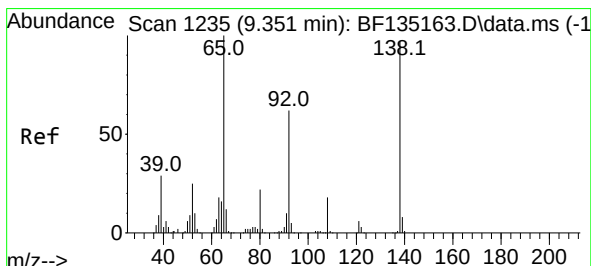
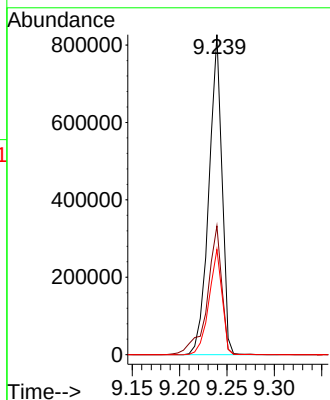
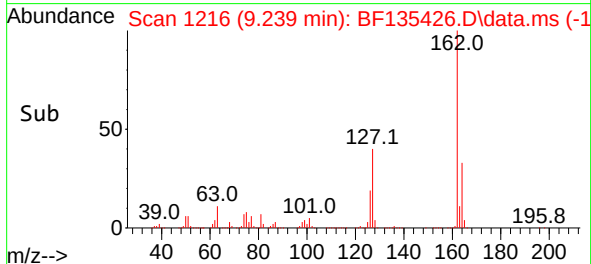
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:162 Resp: 79218
Ion Ratio Lower Upper
162 100
127 40.2 32.6 48.8
164 32.9 26.2 39.2

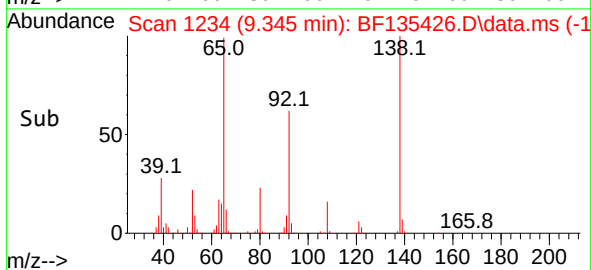
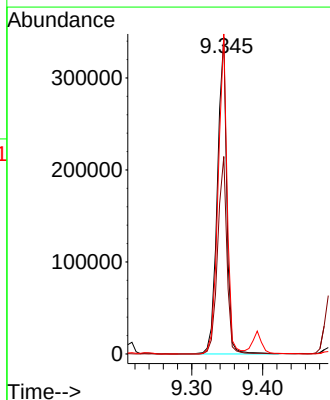
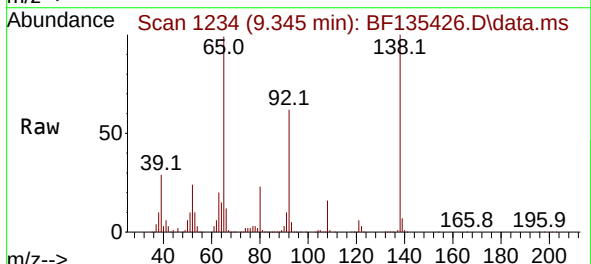
Manual Integrations
APPROVED

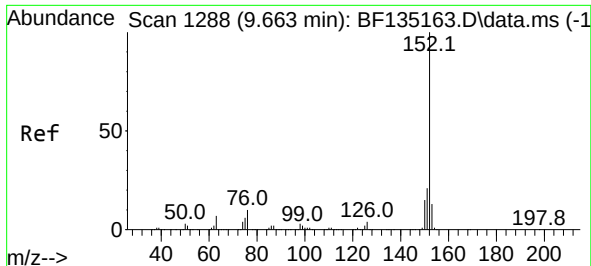
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#48
2-Nitroaniline
Concen: 44.105 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion: 65 Resp: 313887
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 101.0 77.4 116.0





#49

Acenaphthylene

Concen: 41.256 ng

RT: 9.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:152 Resp: 1256024

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

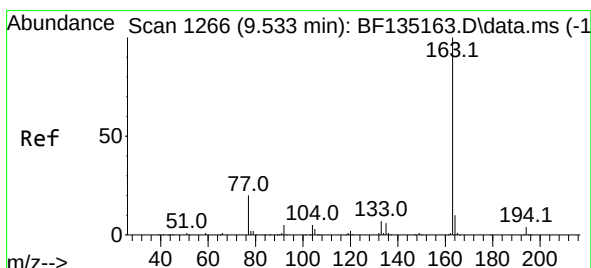
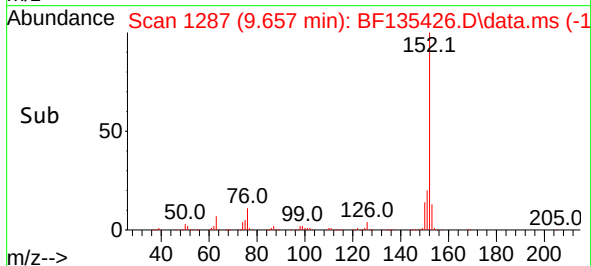
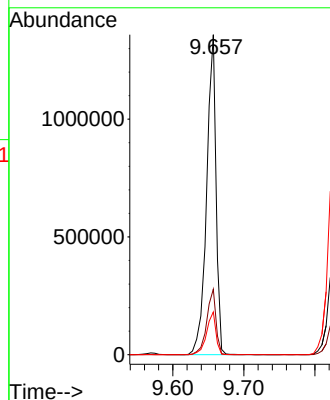
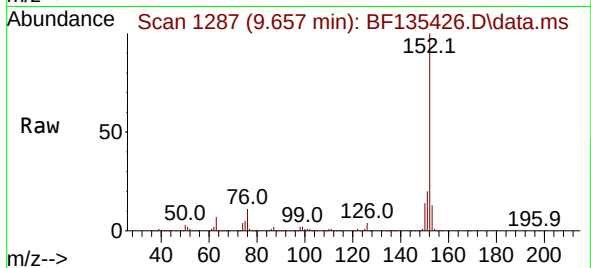
153 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#50

Dimethylphthalate

Concen: 40.537 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

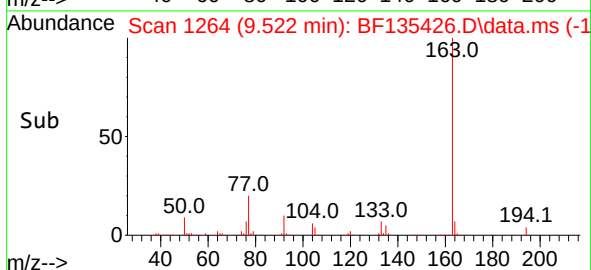
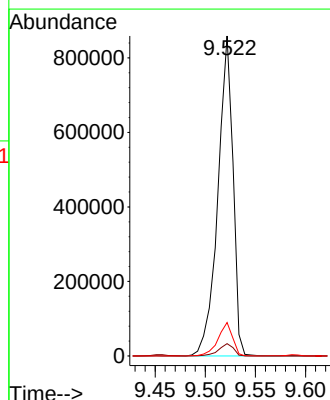
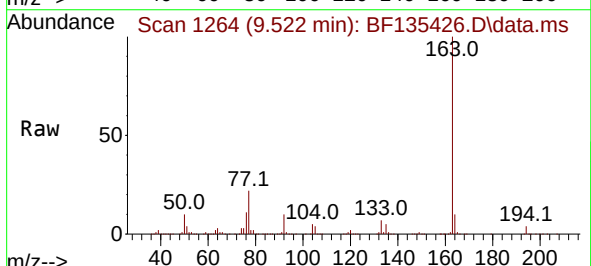
Tgt Ion:163 Resp: 900441

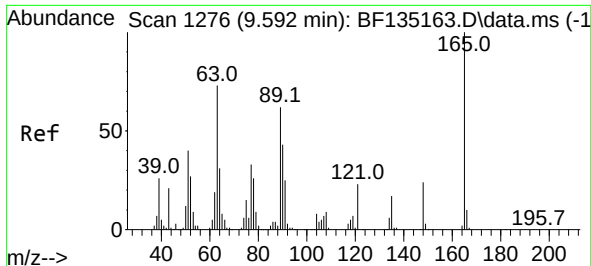
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

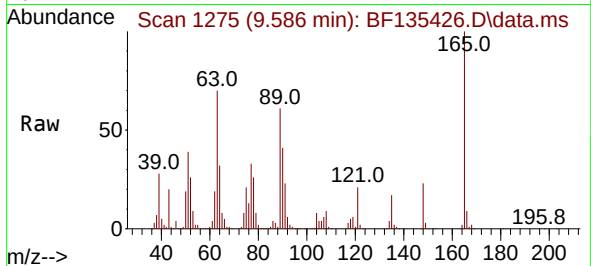
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.887 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

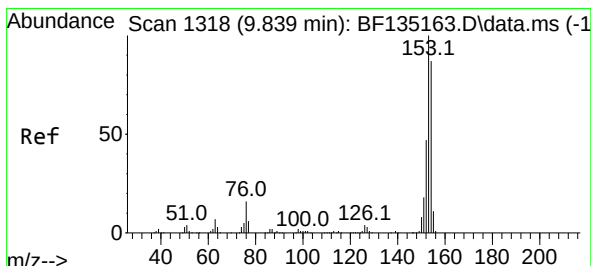
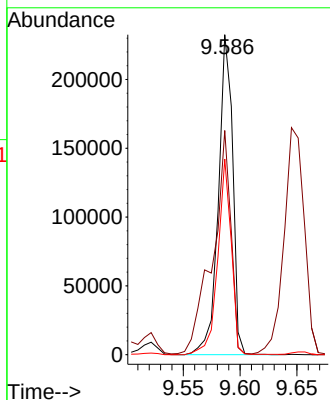
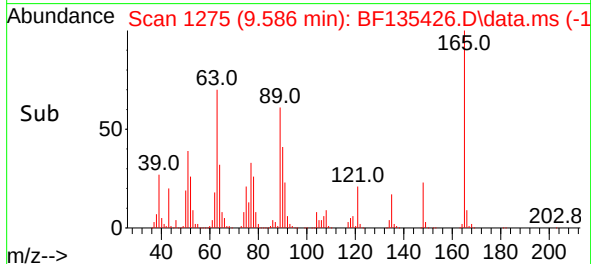
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:165 Resp: 203820
Ion Ratio Lower Upper
165 100
63 70.1 59.4 89.2
89 61.2 49.8 74.8

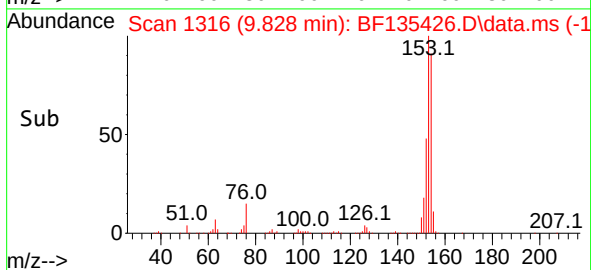
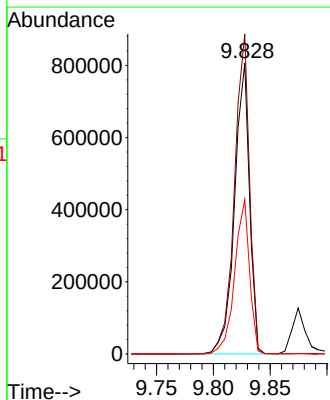
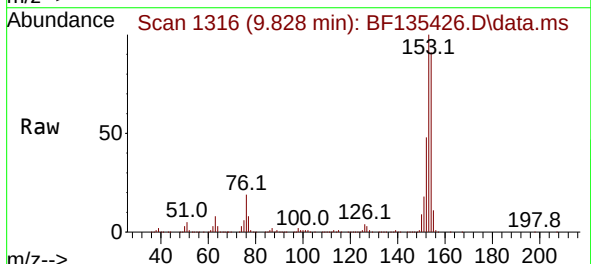
Manual Integrations
APPROVED

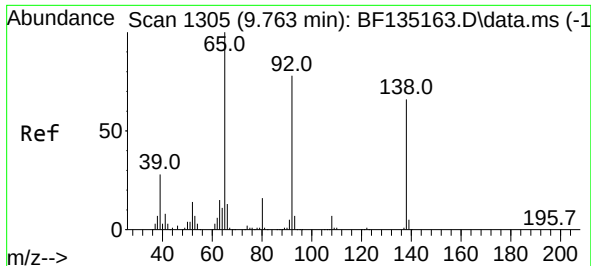
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#52
Acenaphthene
Concen: 41.105 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:154 Resp: 739268
Ion Ratio Lower Upper
154 100
153 110.0 92.1 138.1
152 53.0 43.1 64.7





#53
3-Nitroaniline
Concen: 33.563 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

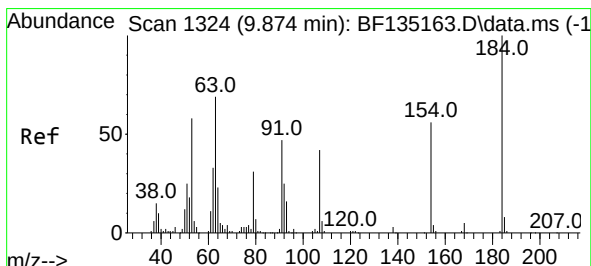
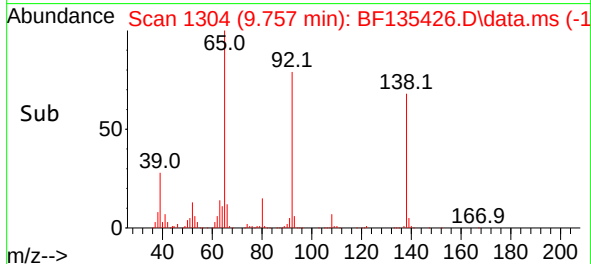
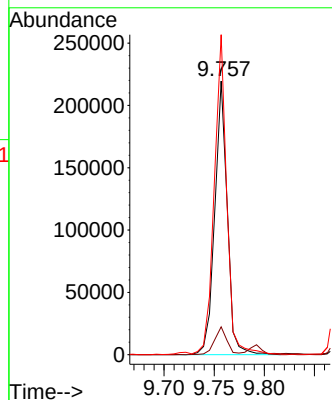
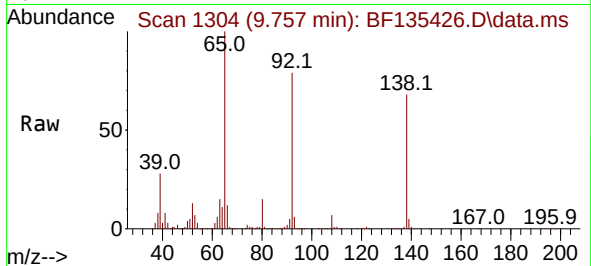
PB155763BSD

Tgt Ion:138 Resp: 191708
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 116.9 95.4 143.0

Manual Integrations

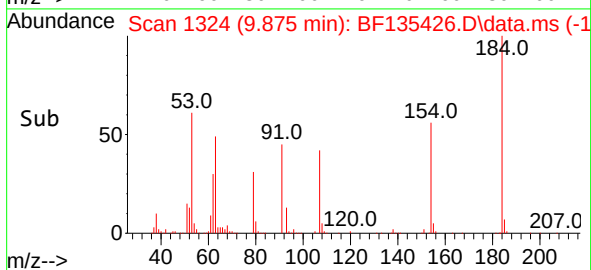
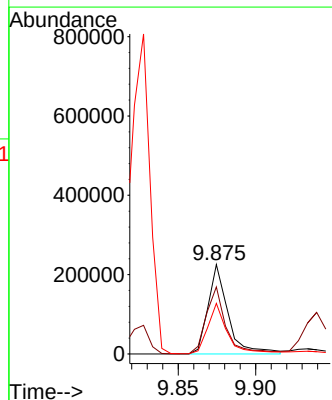
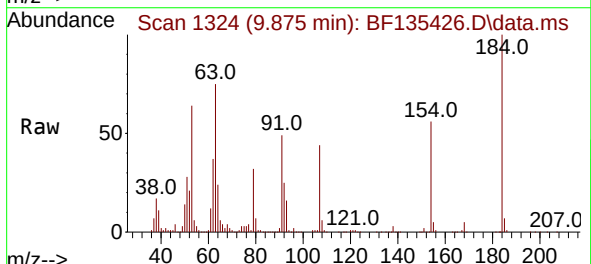
APPROVED

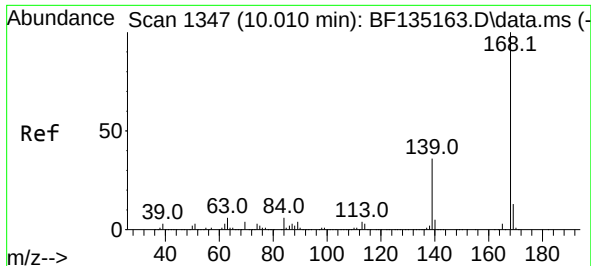
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#54
2,4-Dinitrophenol
Concen: 74.112 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

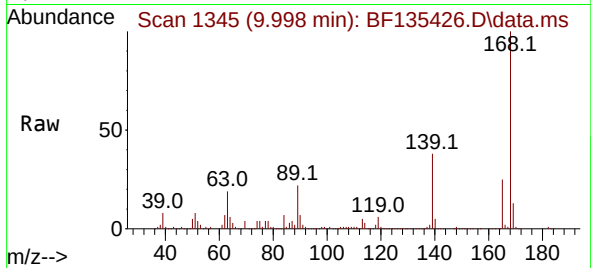
Tgt Ion:184 Resp: 203351
Ion Ratio Lower Upper
184 100
63 75.0 55.1 82.7
154 56.5 48.4 72.6





#55
Dibenzenofuran
Concen: 38.353 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

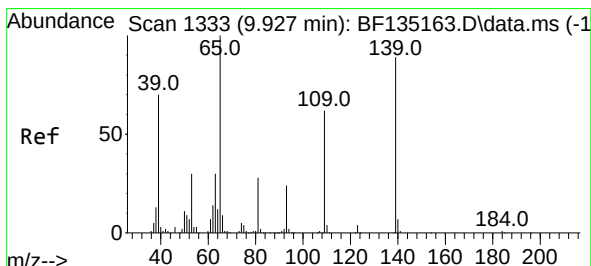
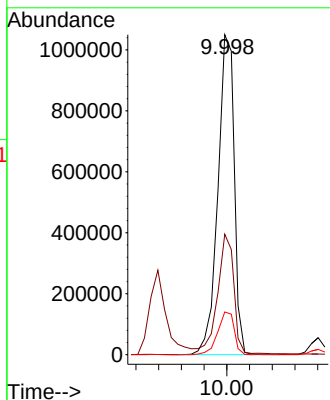
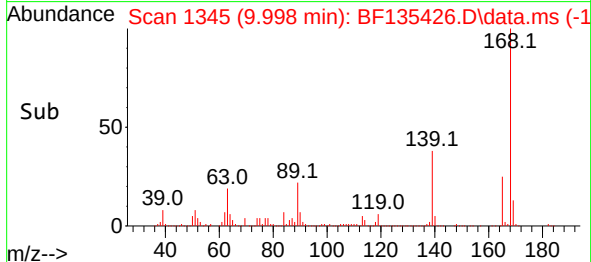
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:168 Resp: 1052594
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.6
169 13.4 10.4 15.6

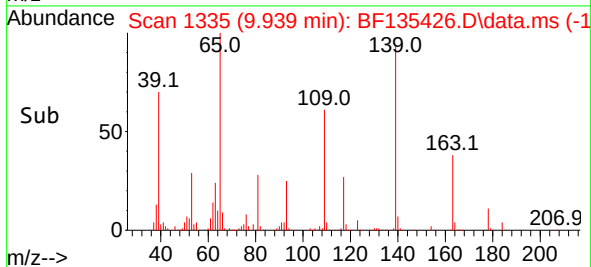
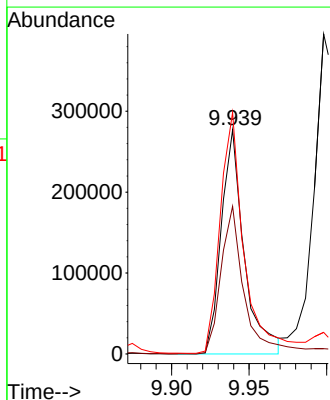
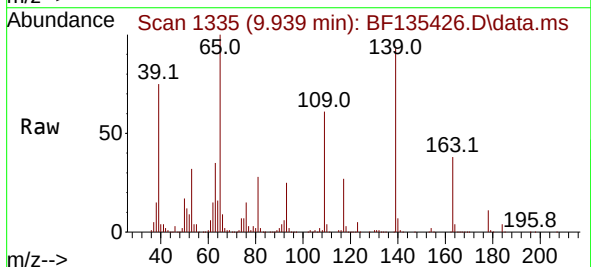
Manual Integrations
APPROVED

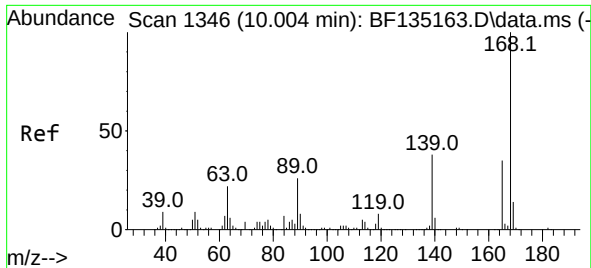
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#56
4-Nitrophenol
Concen: 78.452 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:139 Resp: 284800
Ion Ratio Lower Upper
139 100
109 65.9 49.8 89.8
65 107.7 92.7 132.7





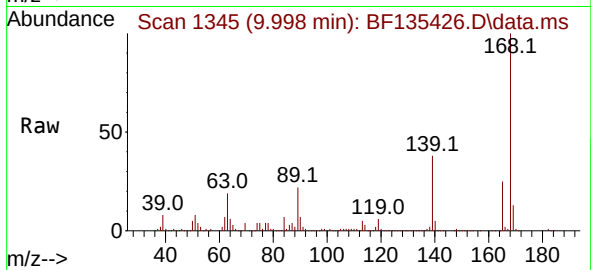
#57
2,4-Dinitrotoluene
Concen: 38.448 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

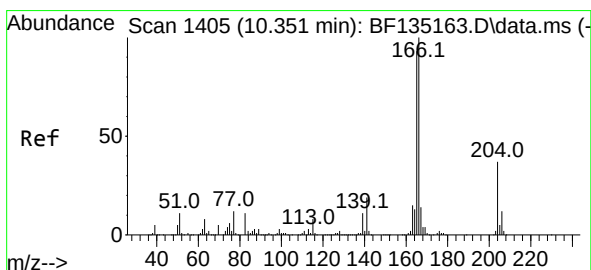
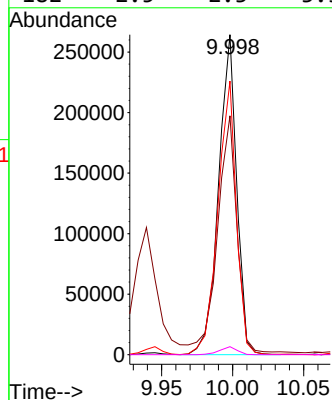
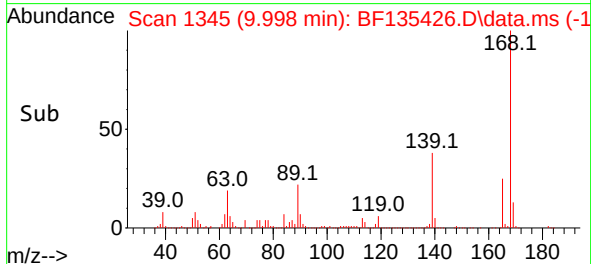


Tgt Ion:165 Resp: 234220
Ion Ratio Lower Upper
165 100
63 74.7 50.1 75.1
89 85.5 59.3 88.9
182 2.5 2.3 3.5

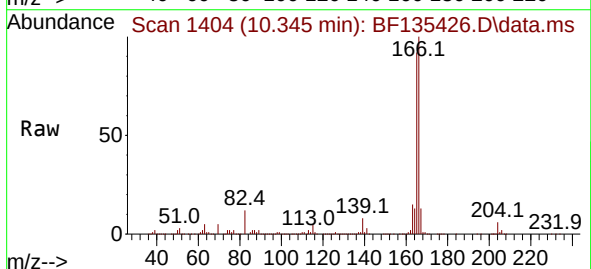
Manual Integrations

APPROVED

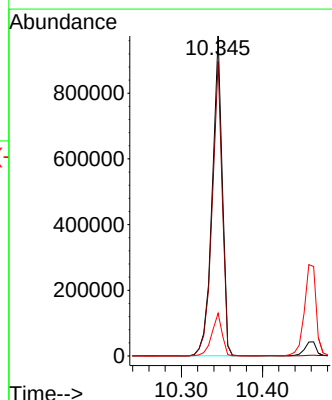
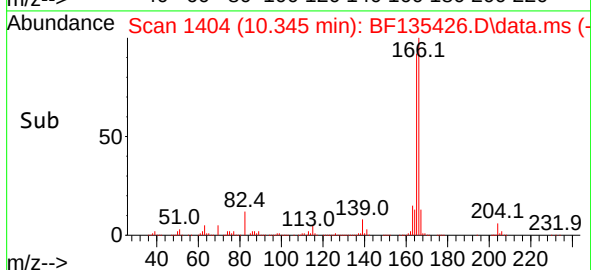
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

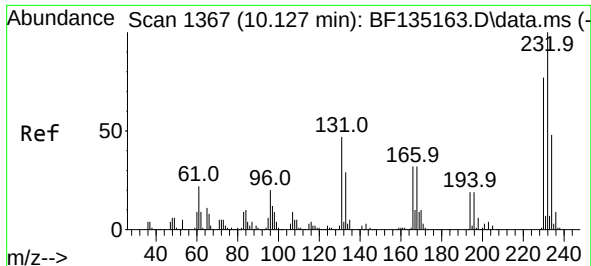


#58
Fluorene
Concen: 39.843 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



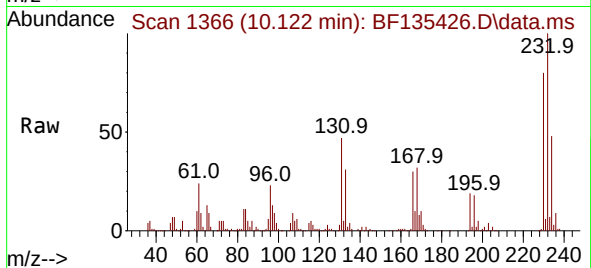
Tgt Ion:166 Resp: 840622
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.221 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

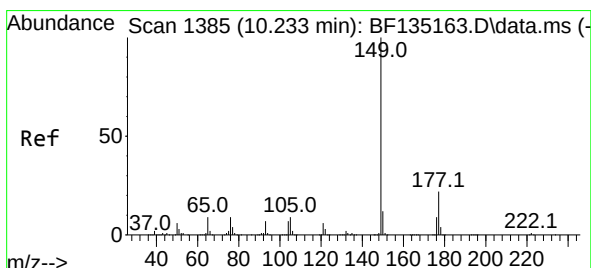
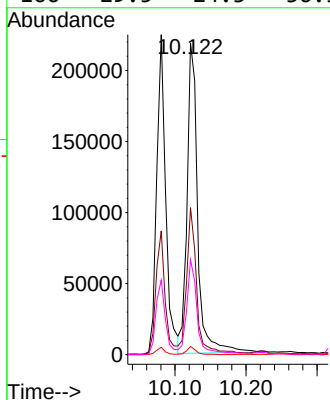
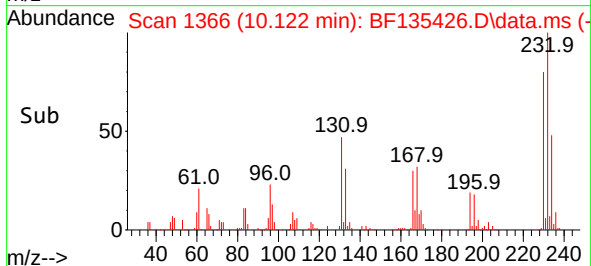
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:232 Resp: 227561
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.4 1.8 2.8
166 29.5 24.3 36.5

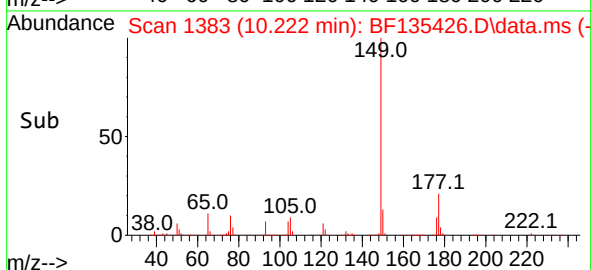
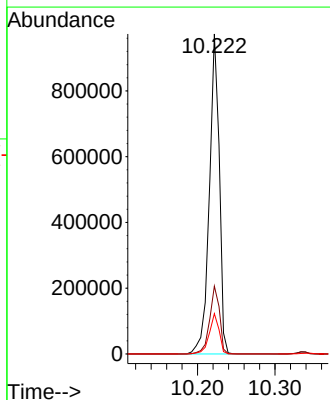
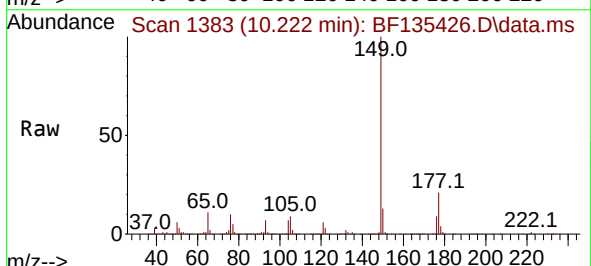
Manual Integrations
APPROVED

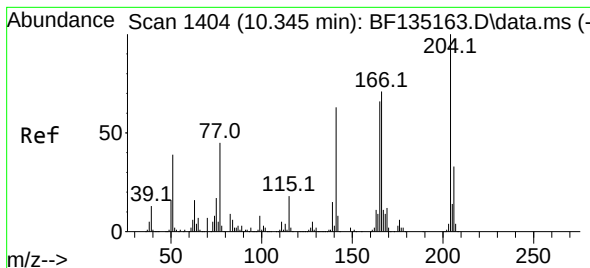
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#60
Diethylphthalate
Concen: 38.786 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

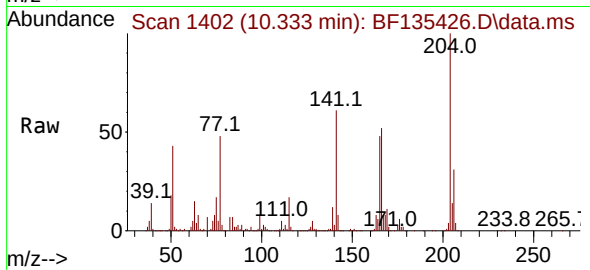
Tgt Ion:149 Resp: 864635
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.251 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

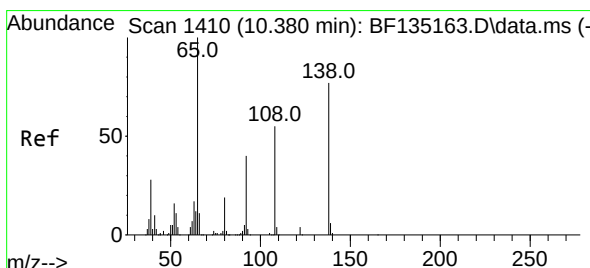
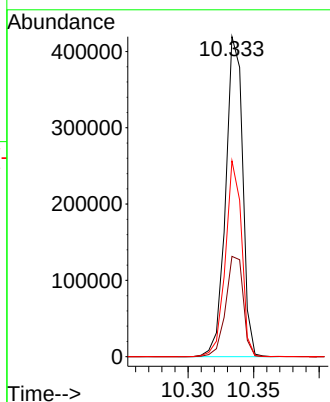
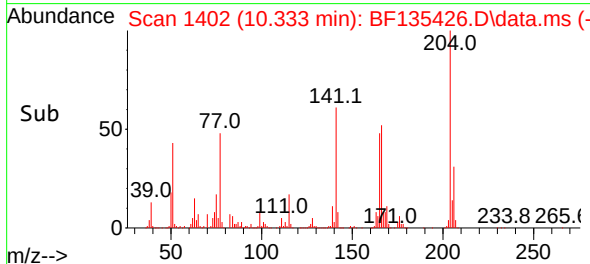
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:204 Resp: 377534
Ion Ratio Lower Upper
204 100
206 31.4 26.7 40.1
141 61.2 50.6 75.8

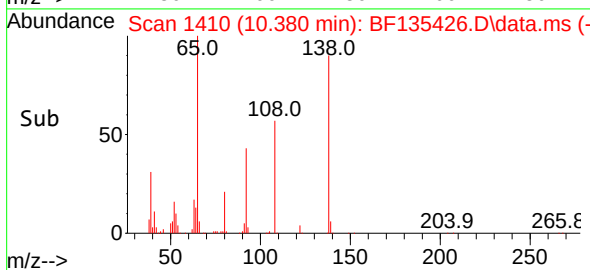
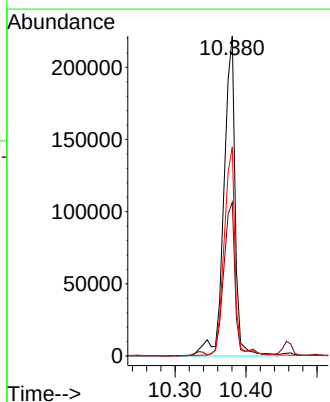
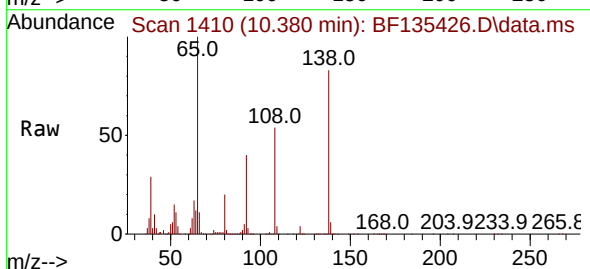
Manual Integrations
APPROVED

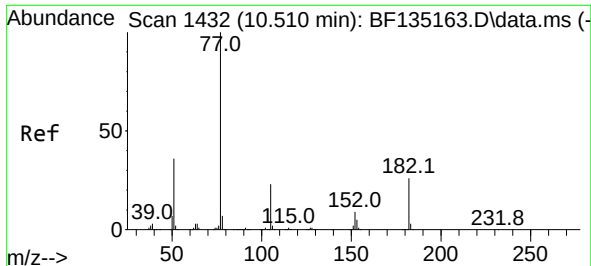
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#62
4-Nitroaniline
Concen: 44.435 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

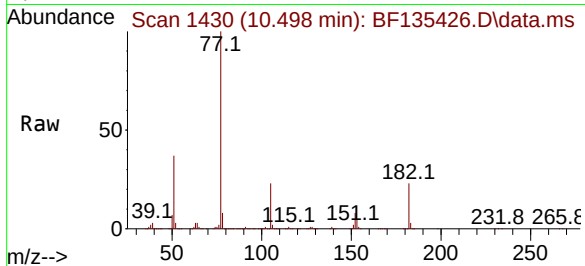
Tgt Ion:138 Resp: 243974
Ion Ratio Lower Upper
138 100
92 48.0 31.8 71.8
108 65.4 52.0 92.0





#63
Azobenzene
Concen: 41.848 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

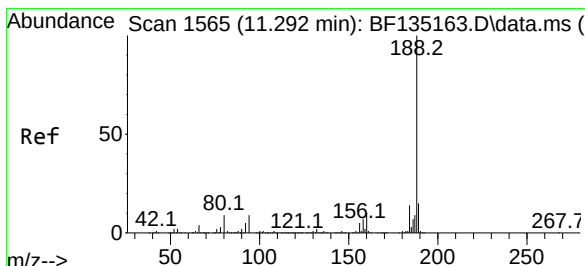
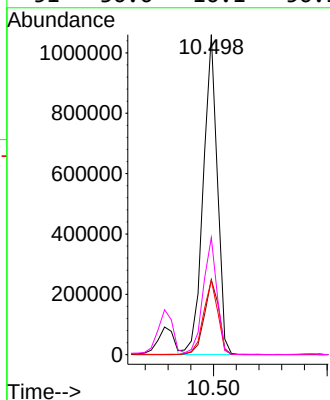
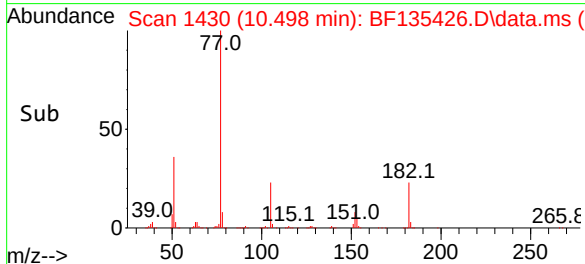
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



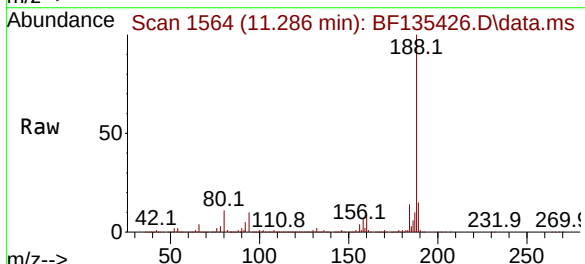
Tgt Ion: 77 Resp: 913009
Ion Ratio Lower Upper
77 100
182 23.5 6.4 46.4
105 23.2 3.1 43.1
51 36.6 16.1 56.1

Manual Integrations
APPROVED

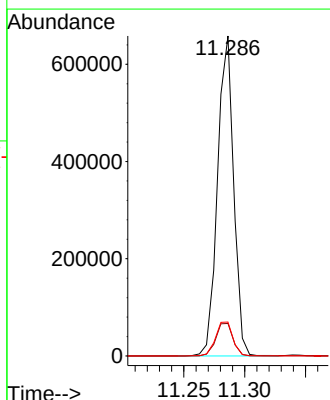
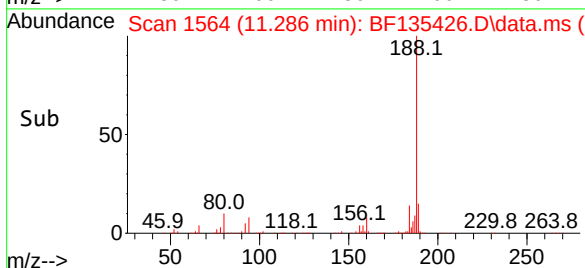
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

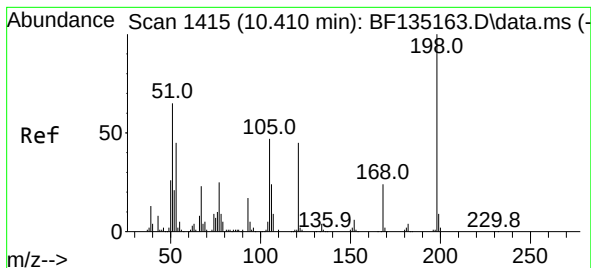


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



Tgt Ion:188 Resp: 608207
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.6 7.5 11.3





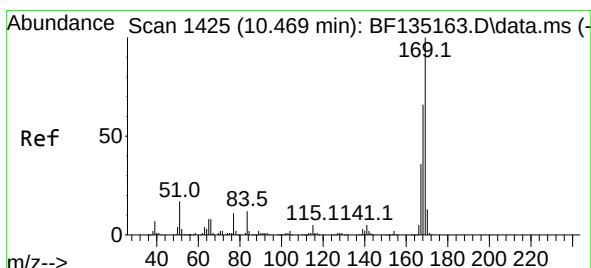
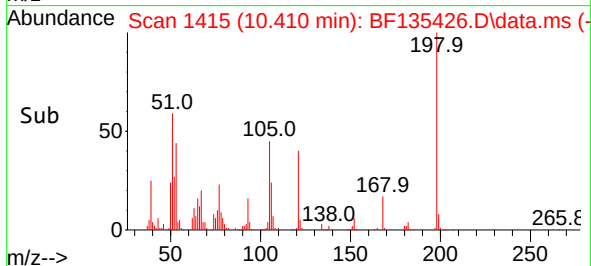
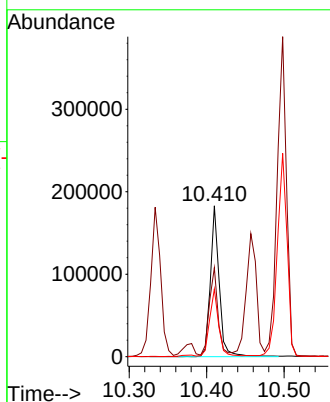
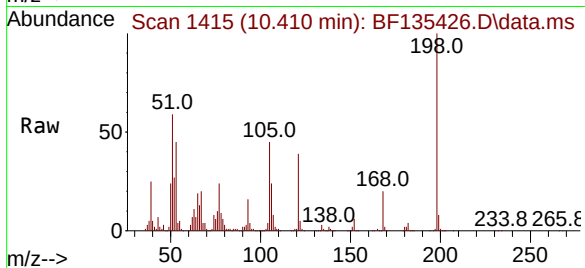
#65
4,6-Dinitro-2-methylphenol
Concen: 44.875 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :
BNA_F
ClientSampleId :
PB155763BSD

Tgt Ion:198 Resp: 144964
Ion Ratio Lower Upper
198 100
51 58.9 47.7 87.7
105 44.9 27.4 67.4

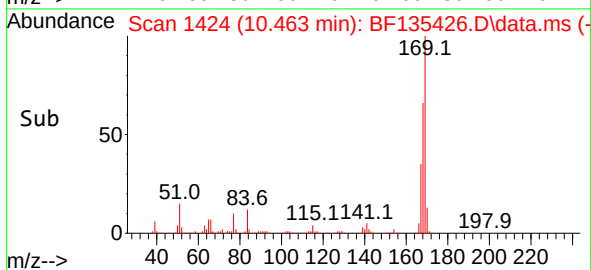
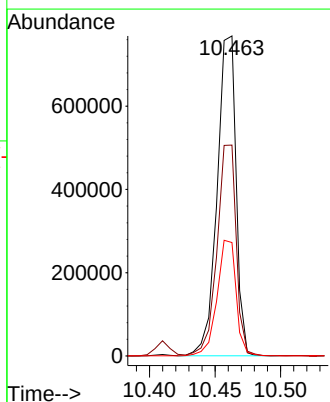
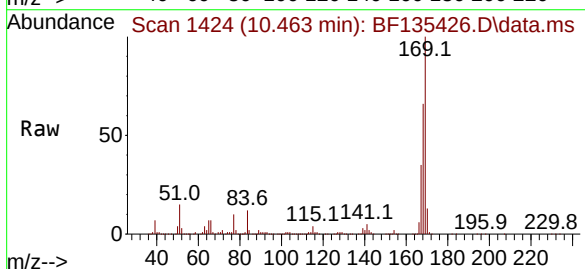
Manual Integrations
APPROVED

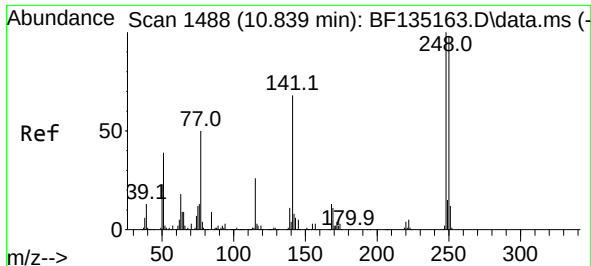
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#66
n-Nitrosodiphenylamine
Concen: 41.774 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

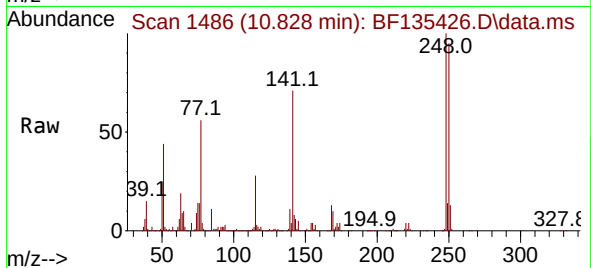
Tgt Ion:169 Resp: 769188
Ion Ratio Lower Upper
169 100
168 65.9 52.8 79.2
167 35.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.106 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

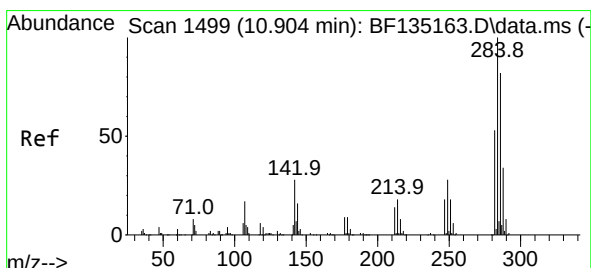
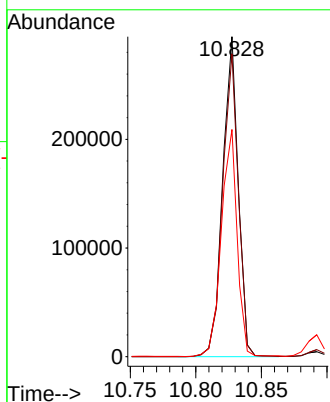
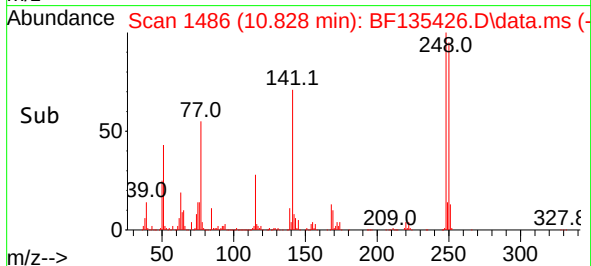
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



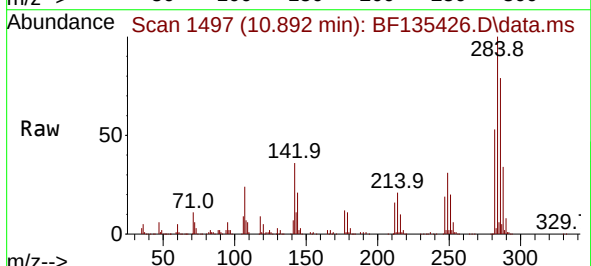
Tgt Ion:248 Resp: 242602
Ion Ratio Lower Upper
248 100
250 94.7 78.6 117.8
141 71.0 54.2 81.2

Manual Integrations
APPROVED

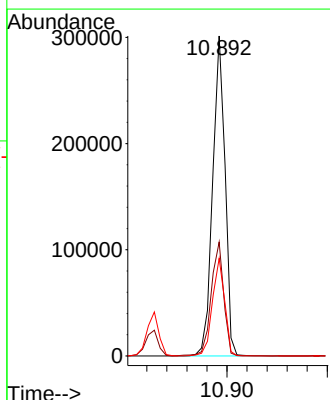
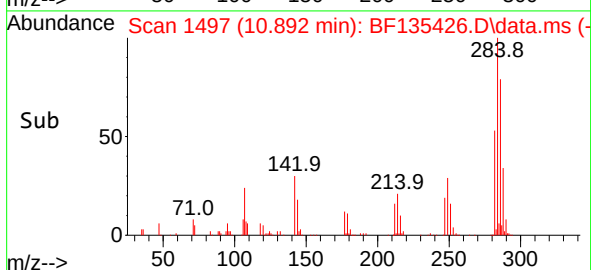
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

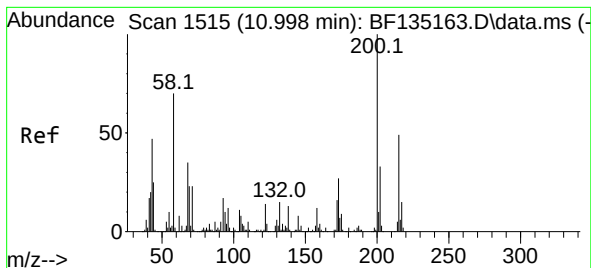


#68
Hexachlorobenzene
Concen: 41.880 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



Tgt Ion:284 Resp: 258089
Ion Ratio Lower Upper
284 100
142 35.6 22.2 33.4#
249 30.5 22.5 33.7





#69

Atrazine

Concen: 46.217 ng

RT: 10.992 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

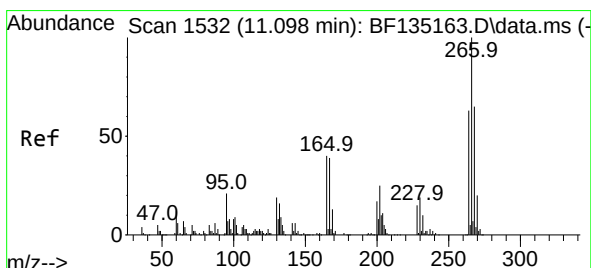
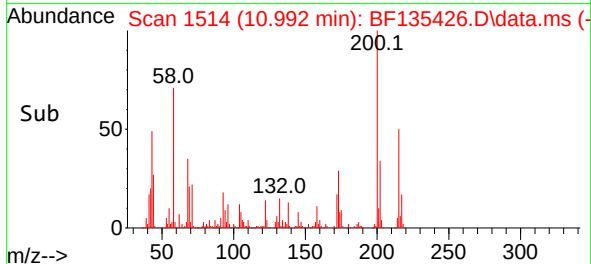
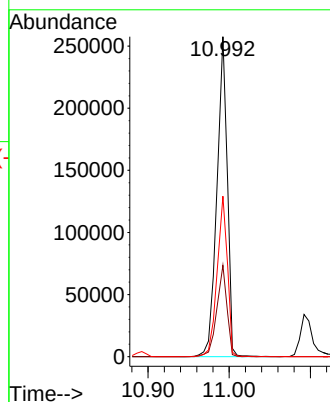
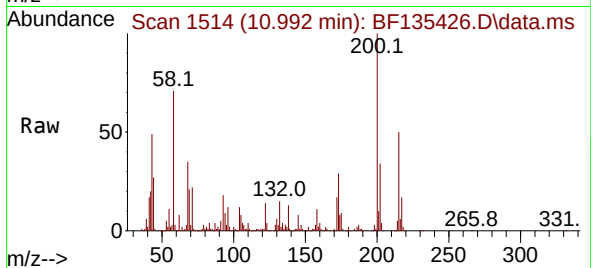
Tgt Ion:200 Resp: 22898
 Ion Ratio Lower Upper
 200 100
 173 28.6 7.4 47.4
 215 50.2 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#70

Pentachlorophenol

Concen: 56.975 ng

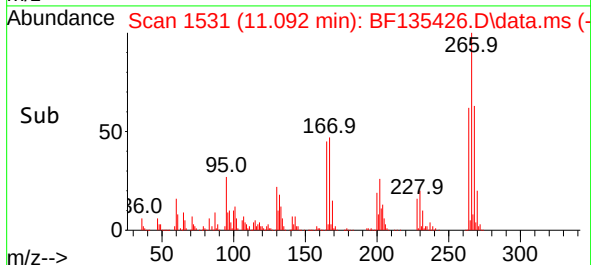
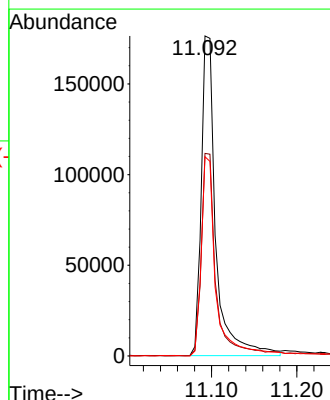
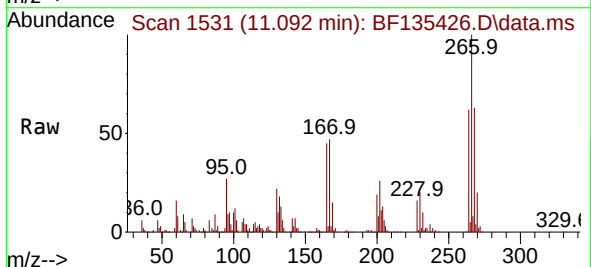
RT: 11.092 min Scan# 1531

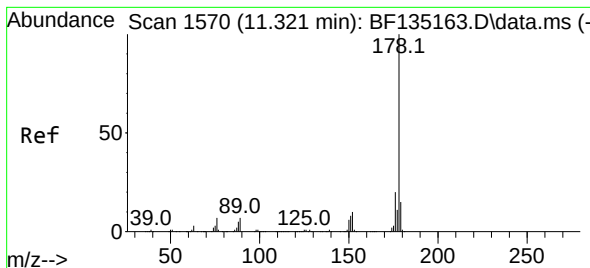
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion:266 Resp: 210073
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.1 78.1
 264 62.3 50.8 76.2





#71

Phenanthrene

Concen: 42.346 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:178 Resp: 121810

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

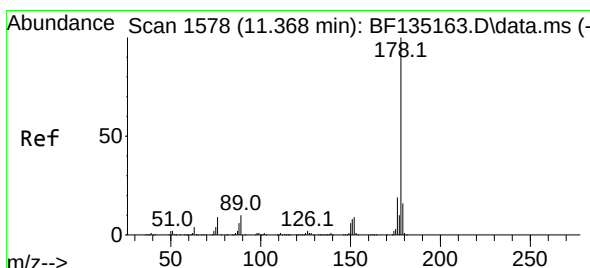
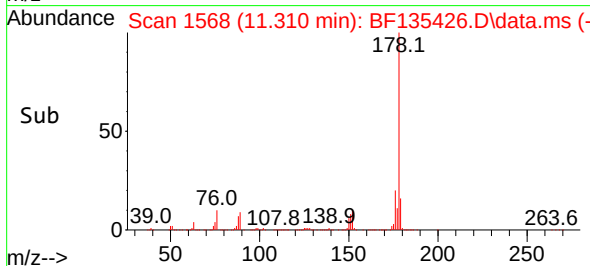
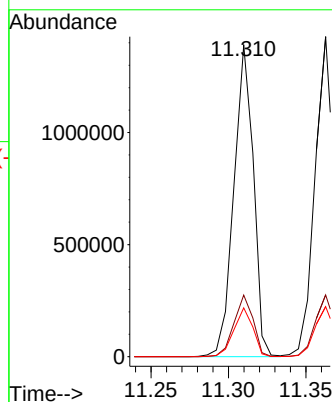
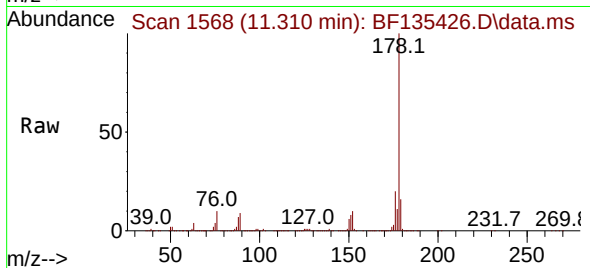
179 15.6 12.0 18.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#72

Anthracene

Concen: 41.928 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

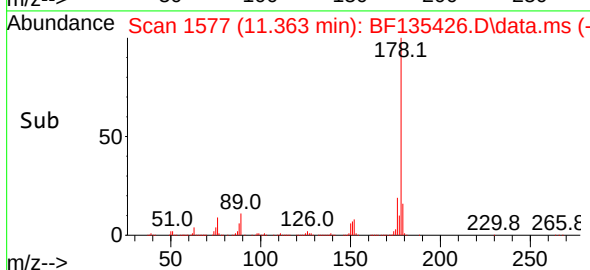
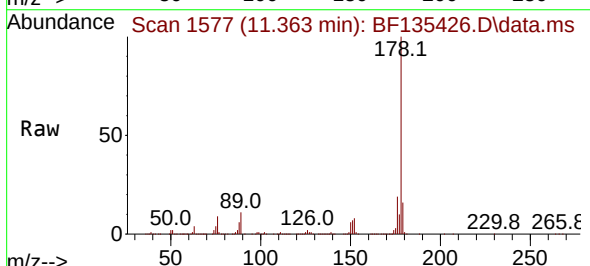
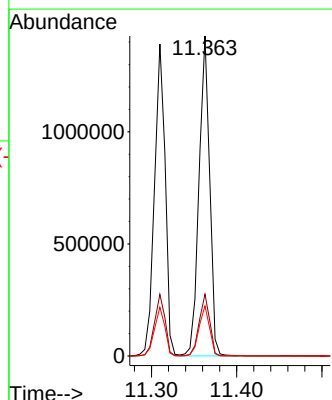
Tgt Ion:178 Resp: 1239716

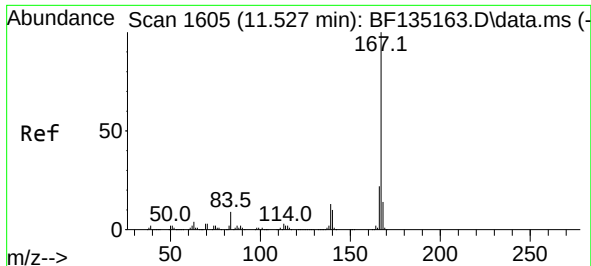
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

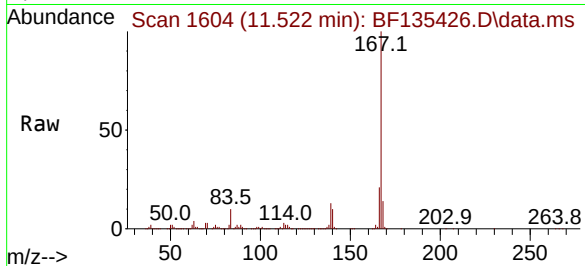
179 15.7 12.6 19.0





#73
Carbazole
Concen: 45.031 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

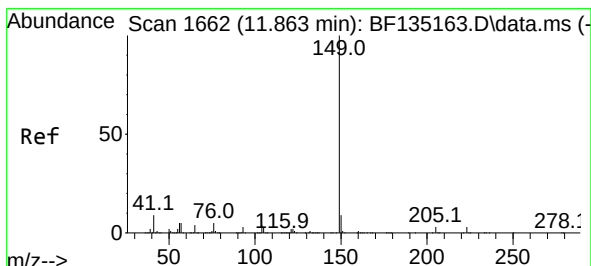
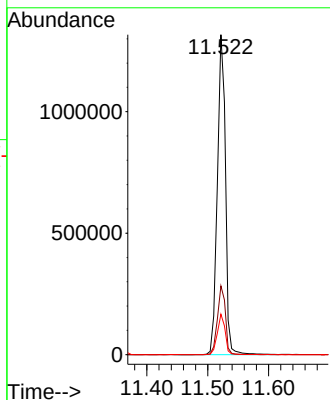
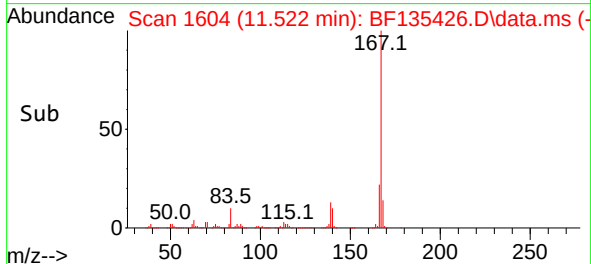
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



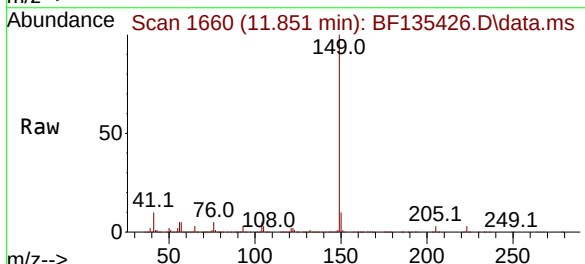
Tgt Ion:167 Resp: 121205
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.6 10.6 15.8

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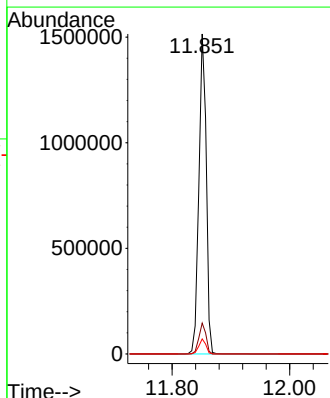
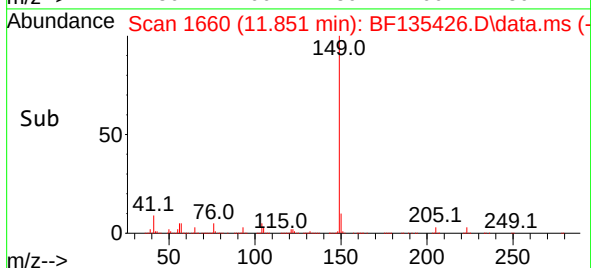
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

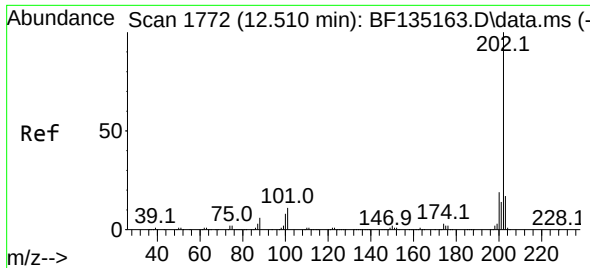


#74
Di-n-butylphthalate
Concen: 41.487 ng
RT: 11.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44



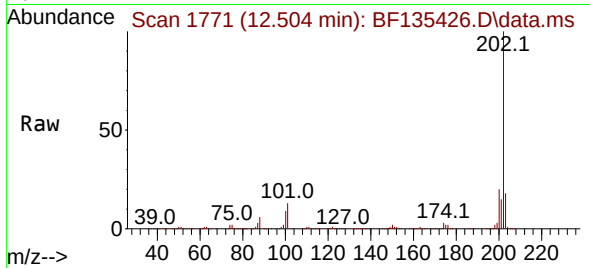
Tgt Ion:149 Resp: 1315818
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 43.198 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

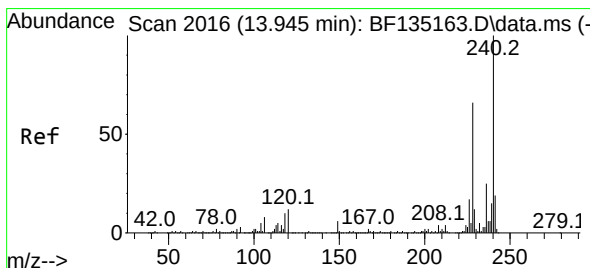
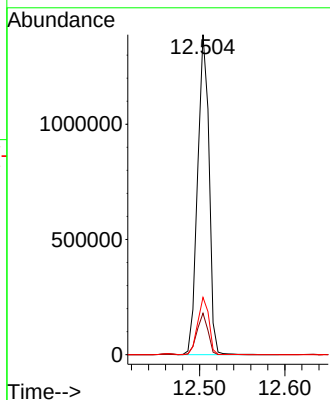
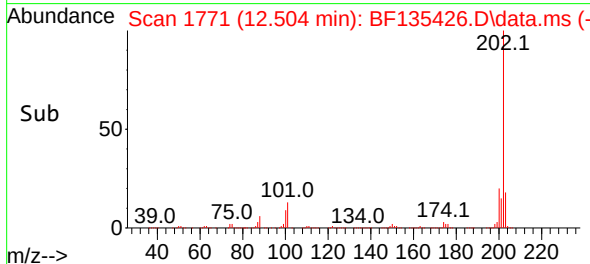
Instrument :
BNA_F
ClientSampleId :
PB155763BSD



Tgt Ion:202 Resp: 1294808
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.3
203 17.9 0.0 37.4

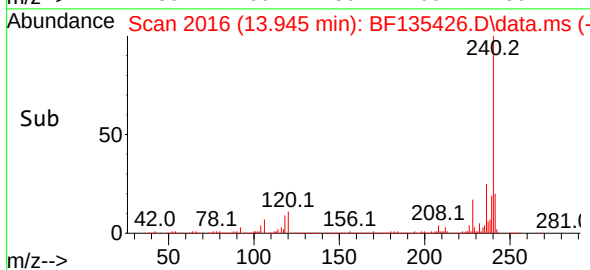
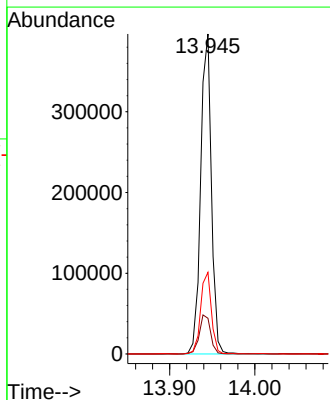
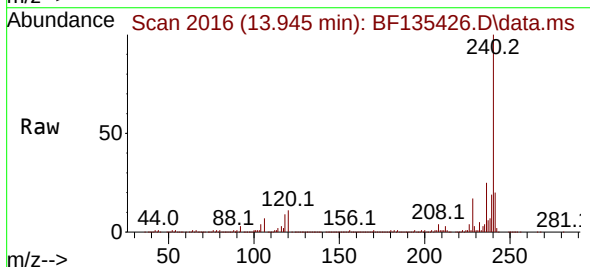
Manual Integrations
APPROVED

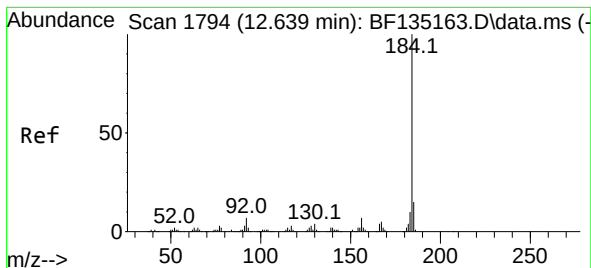
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:240 Resp: 346309
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.5 19.8 29.8





#77

Benzidine

Concen: 47.111 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:184 Resp: 33424

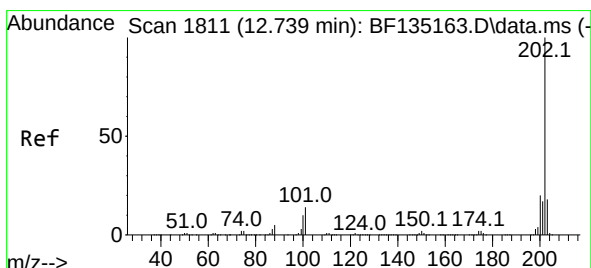
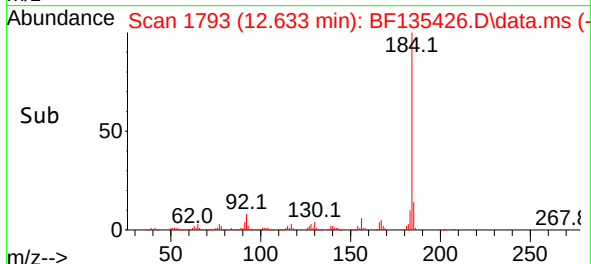
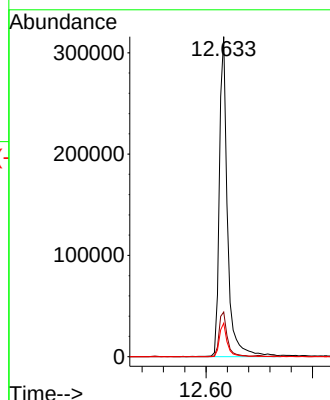
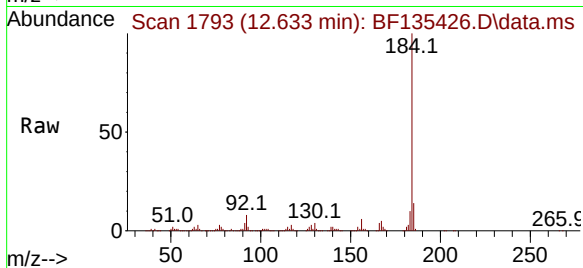
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	10.4	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#78

Pyrene

Concen: 40.638 ng

RT: 12.733 min Scan# 1810

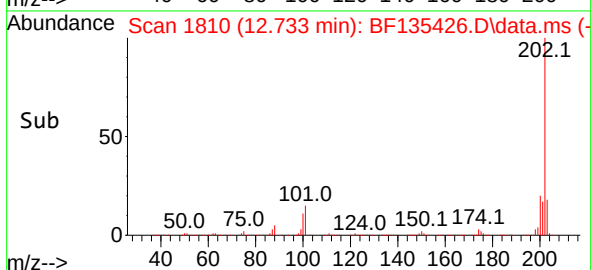
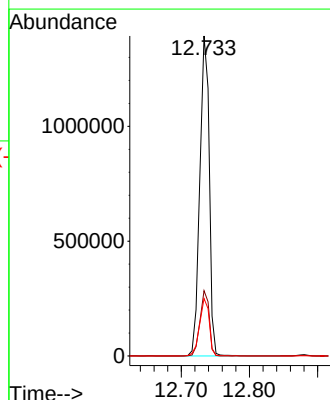
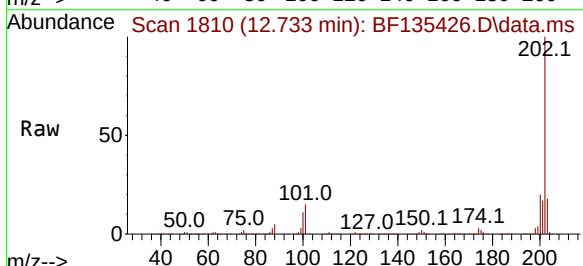
Delta R.T. -0.000 min

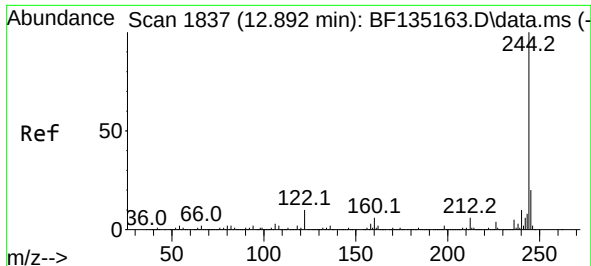
Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion:202 Resp: 1339882

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.9	14.2	21.4





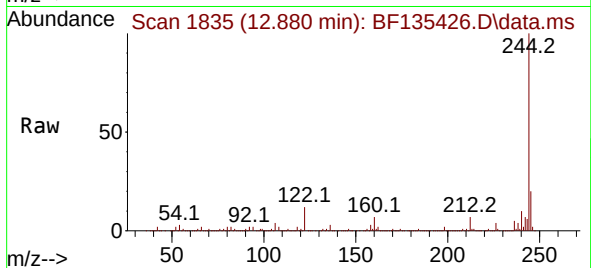
#79
 Terphenyl-d14
 Concen: 69.125 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135426.D
 Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



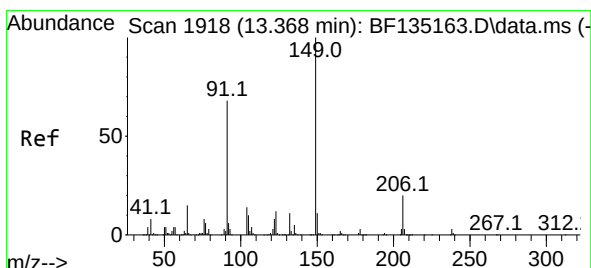
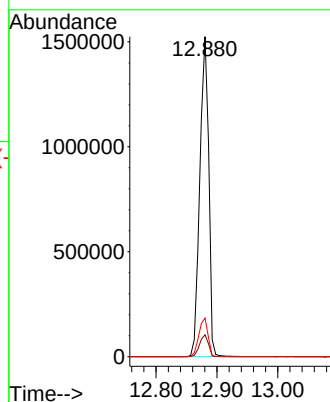
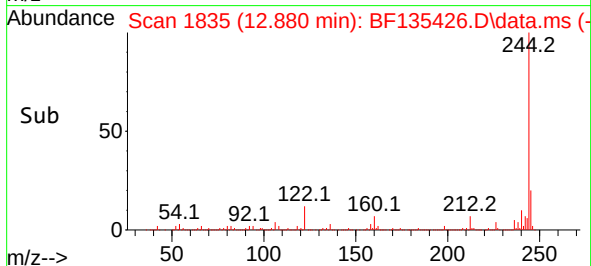
Tgt Ion:244 Resp: 1544238
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.1 7.9 11.9

Manual Integrations

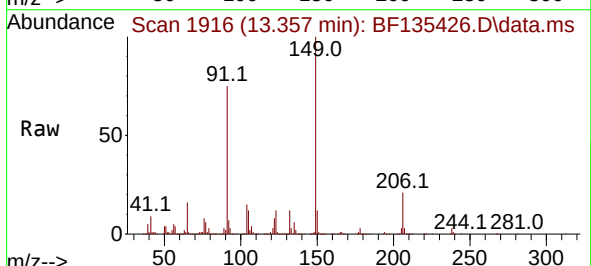
APPROVED

Reviewed By :Yogesh Patel 09/26/2023

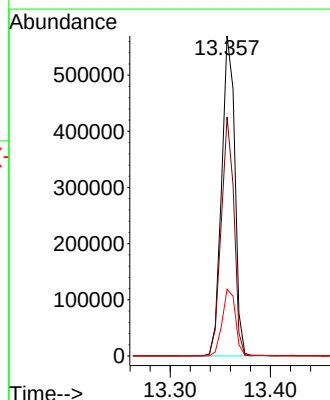
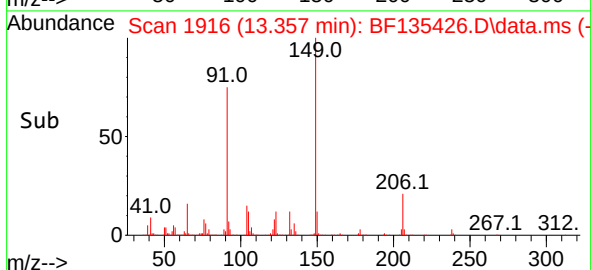
Supervised By :Jagrut Upadhyay 09/26/2023

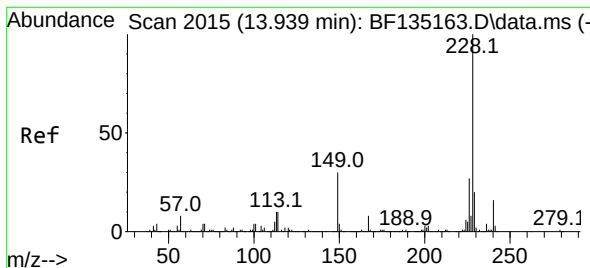


#80
 Butylbenzylphthalate
 Concen: 44.820 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF135426.D
 Acq: 25 Sep 2023 14:44



Tgt Ion:149 Resp: 520301
 Ion Ratio Lower Upper
 149 100
 91 74.7 54.7 82.1
 206 20.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 42.861 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135426.D

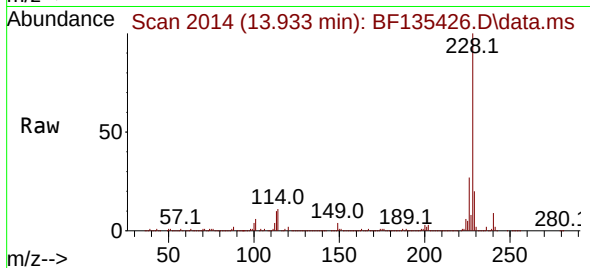
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD



Tgt Ion:228 Resp: 958452

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

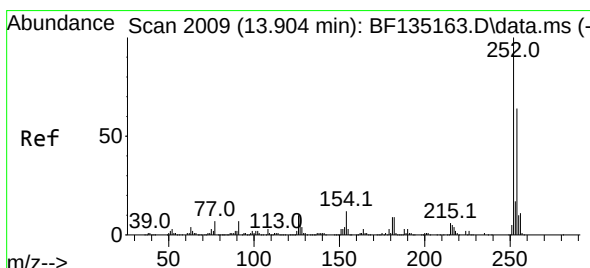
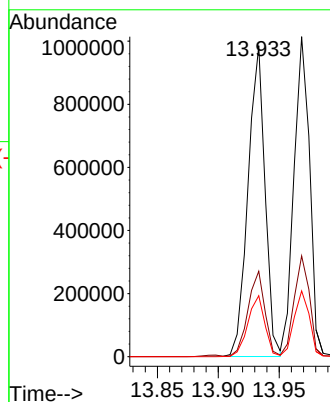
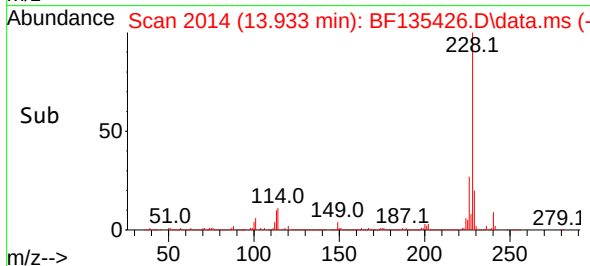
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 37.932 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

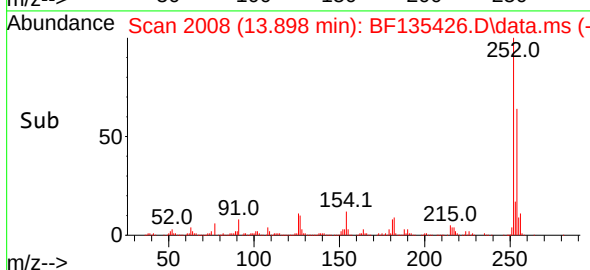
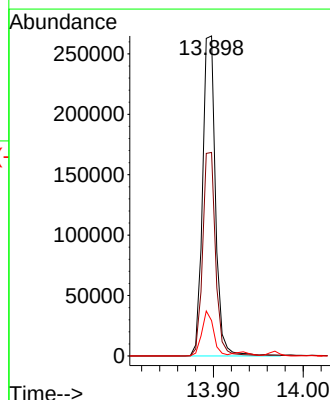
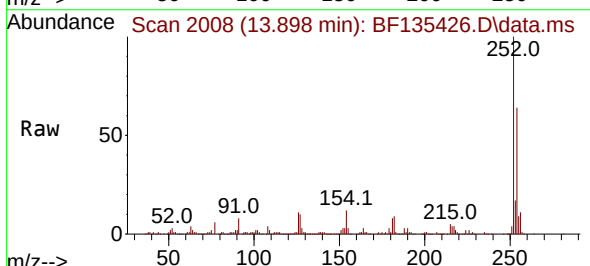
Tgt Ion:252 Resp: 264948

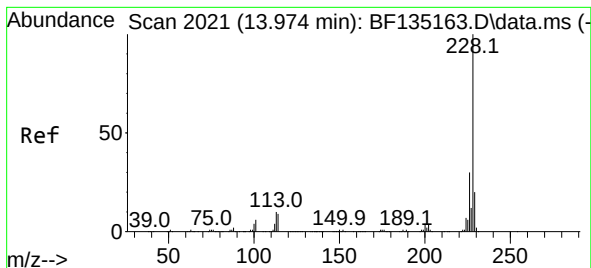
Ion Ratio Lower Upper

252 100

254 63.6 51.0 76.4

126 11.0 7.8 11.8





#83

Chrysene

Concen: 40.935 ng

RT: 13.968 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

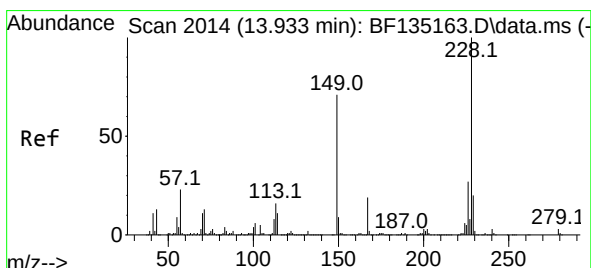
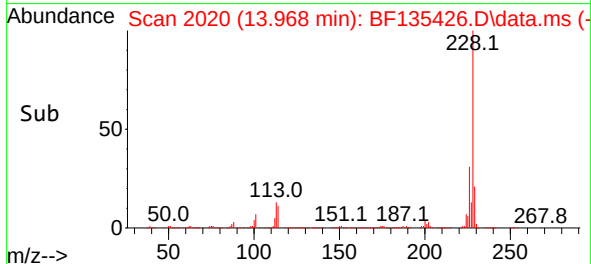
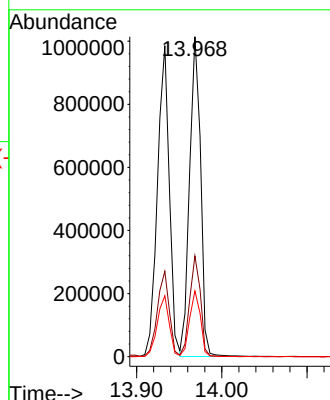
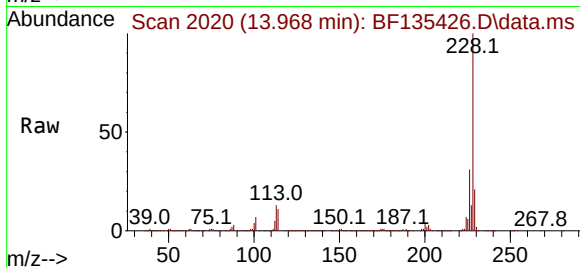
Tgt Ion:	228	Resp:	910100
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.3	36.5
229	20.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.450 ng

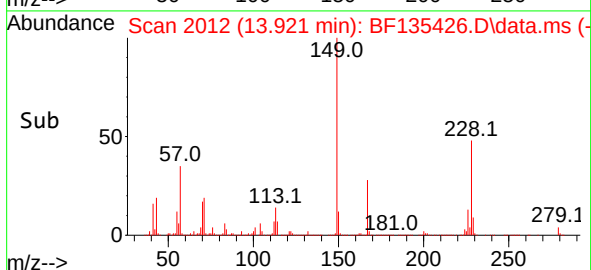
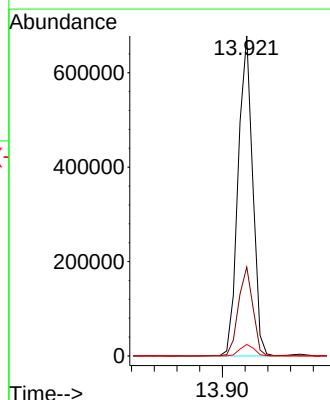
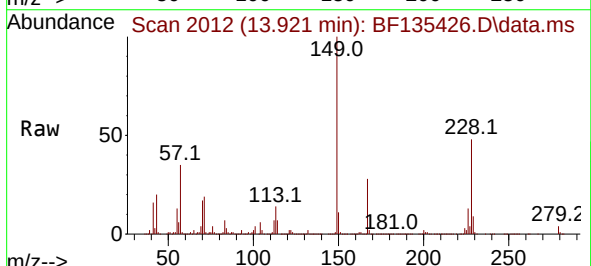
RT: 13.921 min Scan# 2012

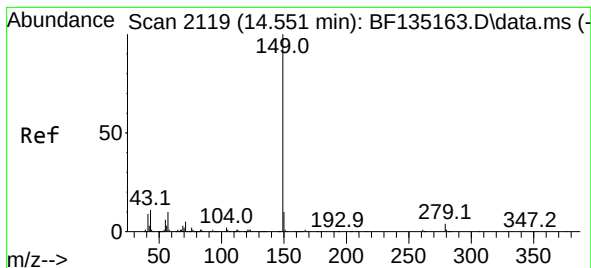
Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Tgt Ion:	149	Resp:	600980
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	3.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.289 ng

RT: 14.539 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF135426.D

Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

PB155763BSD

Tgt Ion:149 Resp: 93310

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

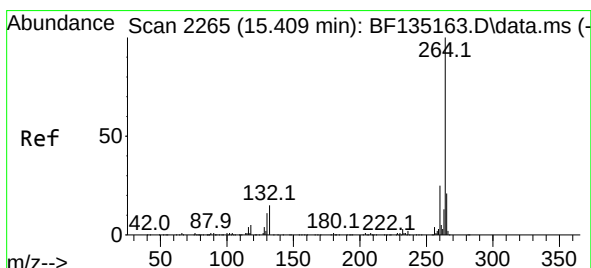
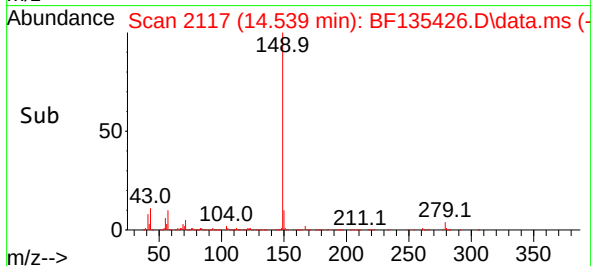
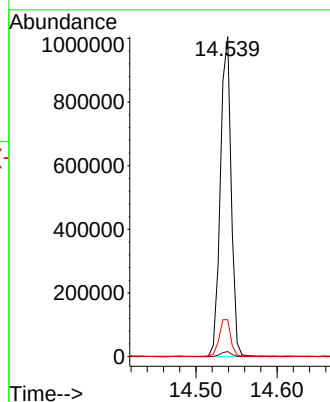
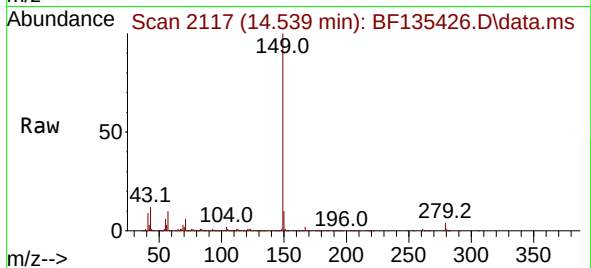
43 12.2 9.8 14.6

Manual Integrations

APPROVED

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: BF135426.D

Acq: 25 Sep 2023 14:44

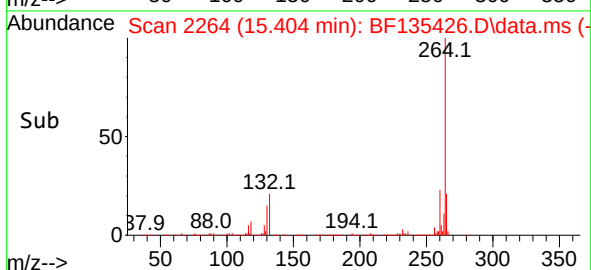
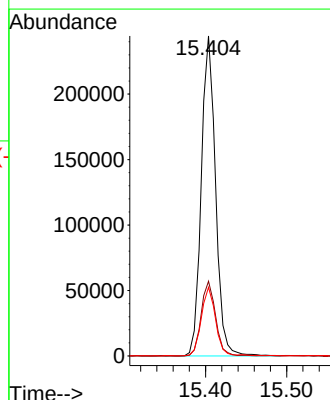
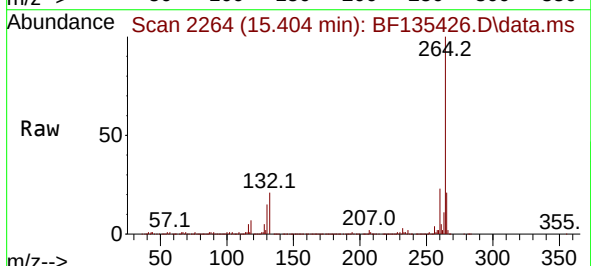
Tgt Ion:264 Resp: 298727

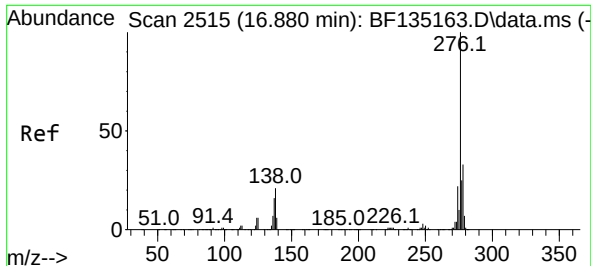
Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.794 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

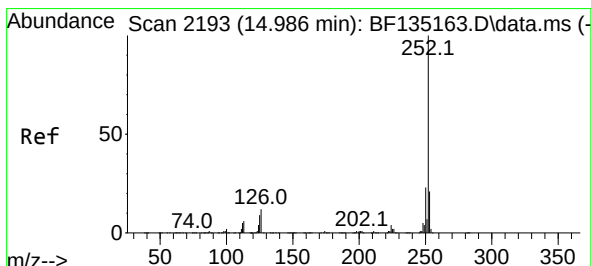
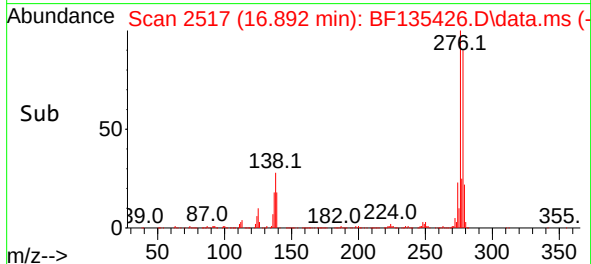
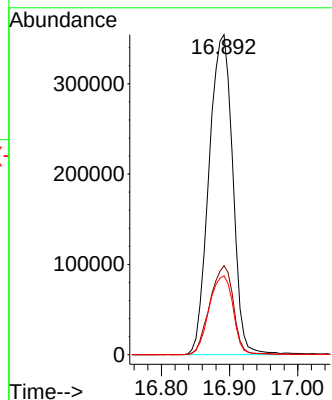
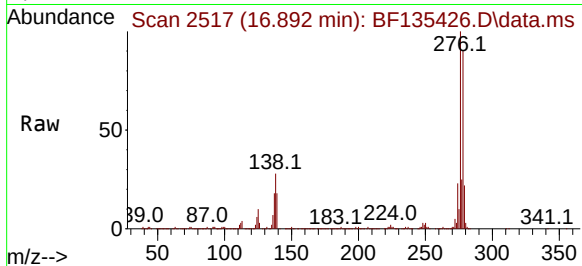
PB155763BSD

Tgt Ion:276 Resp: 857769
Ion Ratio Lower Upper
276 100
138 27.7 19.2 28.8
277 25.1 19.7 29.5

Manual Integrations

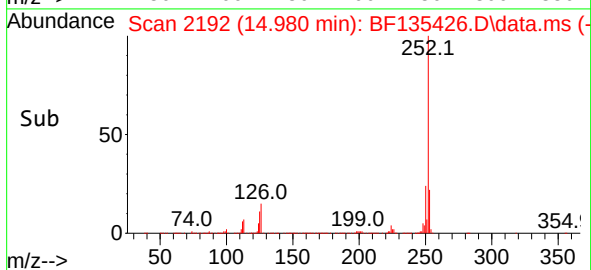
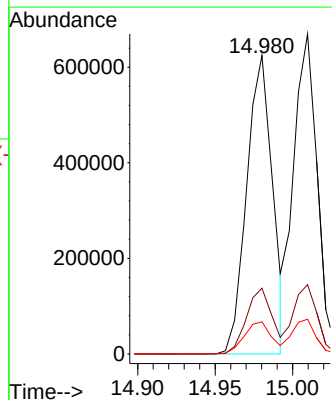
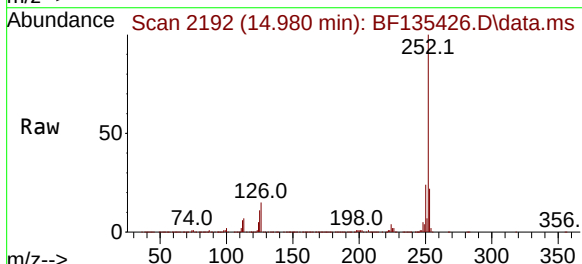
APPROVED

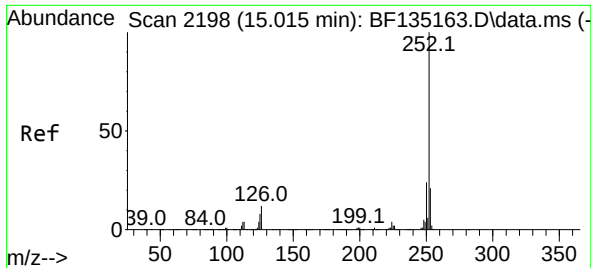
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#88
Benzo(b)fluoranthene
Concen: 44.783 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:252 Resp: 724193
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.8 7.1 10.7#





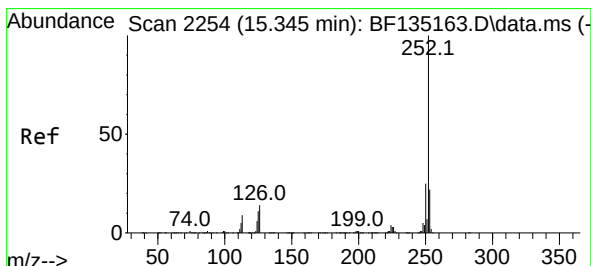
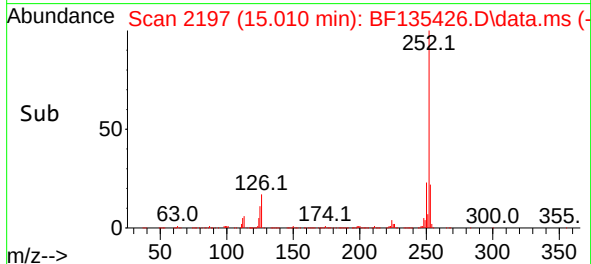
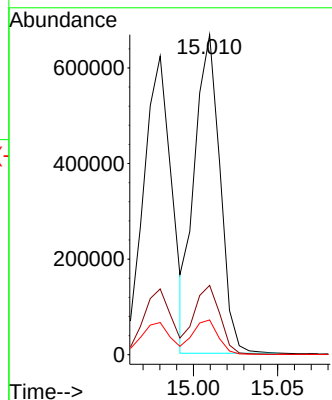
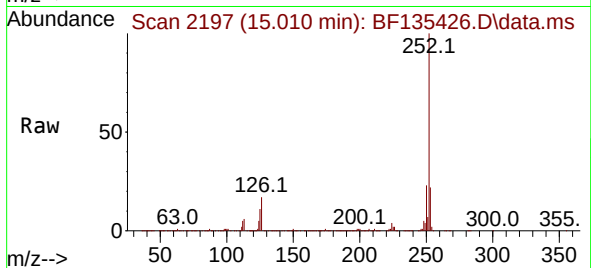
#89
Benzo(k)fluoranthene
Concen: 43.792 ng m
RT: 15.010 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :
BNA_F
ClientSampleId :
PB155763BSD

Tgt Ion:252 Resp: 69954
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.9 7.2 10.8

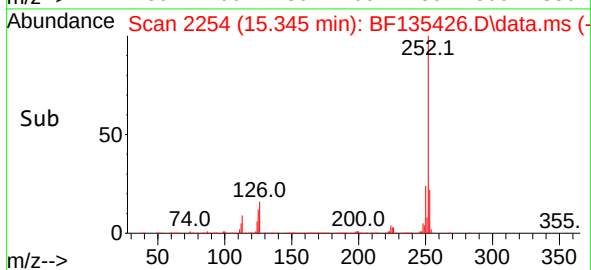
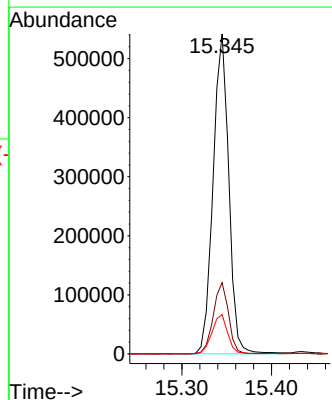
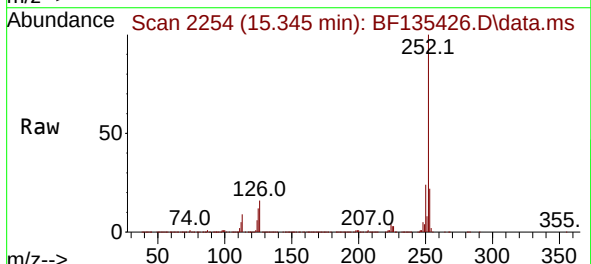
Manual Integrations
APPROVED

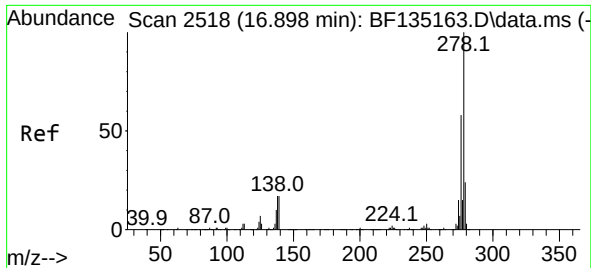
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#90
Benzo(a)pyrene
Concen: 42.523 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:252 Resp: 655759
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 43.263 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Instrument :

BNA_F

ClientSampleId :

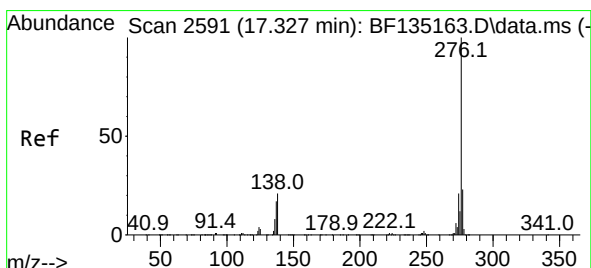
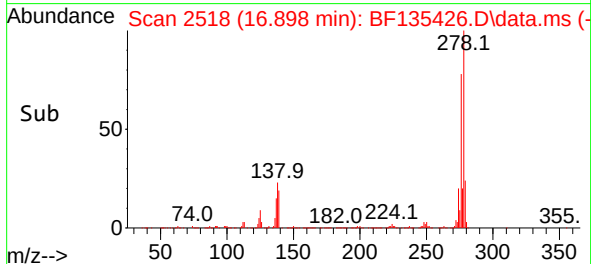
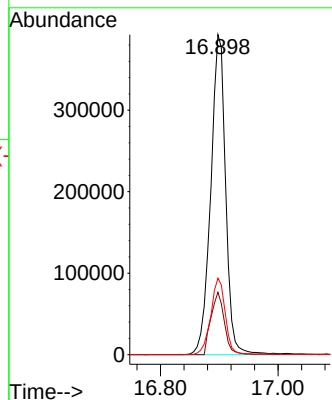
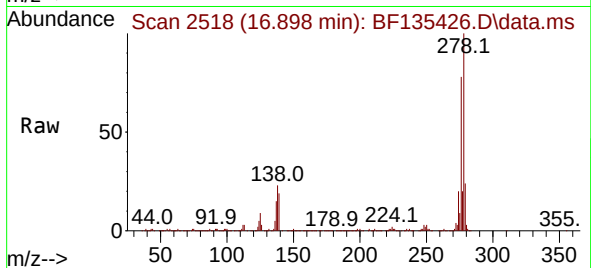
PB155763BSD

Tgt Ion:278 Resp: 693333
Ion Ratio Lower Upper
278 100
139 19.5 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.361 ng
RT: 17.333 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF135426.D
Acq: 25 Sep 2023 14:44

Tgt Ion:276 Resp: 742466
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 25.4 16.9 25.3#

