

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135425.D
 Acq On : 25 Sep 2023 14:12
 Operator : CG\JU
 Sample : PB155763BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155763BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 04:04:08 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	170976	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	668406	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	319938	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	597688	20.000	ng	0.00
76) Chrysene-d12	13.945	240	332743	20.000	ng	0.00
86) Perylene-d12	15.404	264	286706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1190580	113.257	ng	0.02
7) Phenol-d6	6.404	99	1491678	111.595	ng	0.00
23) Nitrobenzene-d5	7.322	82	948036	77.058	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	314050	98.776	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1545411	72.876	ng	0.00
79) Terphenyl-d14	12.880	244	1517764	70.710	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	184526	40.042	ng	94
3) Pyridine	3.310	79	483608	38.992	ng	95
4) n-Nitrosodimethylamine	3.263	42	293872	44.650	ng	92
6) Aniline	6.422	93	471735	26.912	ng	# 59
8) 2-Chlorophenol	6.545	128	490155	43.679	ng	95
9) Benzaldehyde	6.310	77	158783	20.852	ng	98
10) Phenol	6.416	94	566952	38.680	ng	89
11) bis(2-Chloroethyl)ether	6.498	93	491716	44.723	ng	96
12) 1,3-Dichlorobenzene	6.692	146	490328	42.994	ng	98
13) 1,4-Dichlorobenzene	6.769	146	490098	42.238	ng	98
14) 1,2-Dichlorobenzene	6.922	146	469274	43.551	ng	97
15) Benzyl Alcohol	6.904	79	397806	41.473	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	879780	42.452	ng	80
17) 2-Methylphenol	7.016	107	390325	39.415	ng	97
18) Hexachloroethane	7.257	117	188800	44.037	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	309743	37.411	ng	93
20) 3+4-Methylphenols	7.175	107	450269	37.813	ng	# 76
22) Acetophenone	7.163	105	610240	39.933	ng	94
24) Nitrobenzene	7.339	77	507861	41.765	ng	99
25) Isophorone	7.581	82	924992	40.945	ng	99
26) 2-Nitrophenol	7.657	139	259592	44.480	ng	91
27) 2,4-Dimethylphenol	7.698	122	398675	40.640	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	573859	42.440	ng	99
29) 2,4-Dichlorophenol	7.898	162	379431	41.741	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	401989	42.309	ng	97
31) Naphthalene	8.057	128	1335334	41.118	ng	100
32) Benzoic acid	7.839	122	304680	41.246	ng	98
33) 4-Chloroaniline	8.110	127	369120	25.906	ng	100
34) Hexachlorobutadiene	8.169	225	221497	38.662	ng	99
35) Caprolactam	8.480	113	128174m	42.014	ng	
36) 4-Chloro-3-methylphenol	8.604	107	408998	40.483	ng	97
37) 2-Methylnaphthalene	8.751	142	829313	37.989	ng	97
38) 1-Methylnaphthalene	8.845	142	774869	37.913	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	380486	41.050	ng	99
41) Hexachlorocyclopentadiene	8.898	237	218767	56.005	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	246994	40.700	ng	99

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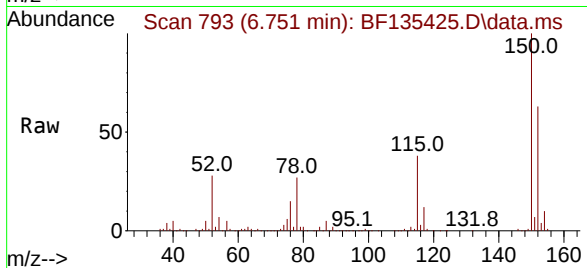
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	273176	39.088	ng	99
46) 1,1'-Biphenyl	9.216	154	1005433	40.893	ng	99
47) 2-Chloronaphthalene	9.239	162	759738	42.588	ng	100
48) 2-Nitroaniline	9.345	65	298207	43.029	ng	97
49) Acenaphthylene	9.657	152	1227938	41.418	ng	99
50) Dimethylphthalate	9.522	163	859740	39.746	ng	100
51) 2,6-Dinitrotoluene	9.586	165	198711	41.934	ng	93
52) Acenaphthene	9.827	154	718616	41.031	ng	97
53) 3-Nitroaniline	9.757	138	185031	33.265	ng	99
54) 2,4-Dinitrophenol	9.874	184	195725	73.323	ng	95
55) Dibenzofuran	10.004	168	1023034	38.278	ng	98
56) 4-Nitrophenol	9.939	139	281865	79.731	ng	95
57) 2,4-Dinitrotoluene	9.998	165	229046	38.610	ng	88
58) Fluorene	10.345	166	812694	39.555	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	221376	41.178	ng	97
60) Diethylphthalate	10.222	149	847366	39.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	371089	37.599	ng	96
62) 4-Nitroaniline	10.380	138	233426	43.657	ng	95
63) Azobenzene	10.498	77	873106	41.095	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	136544	43.013	ng	97
66) n-Nitrosodiphenylamine	10.457	169	743735	41.102	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	231736	38.984	ng	97
68) Hexachlorobenzene	10.892	284	249989	41.279	ng	# 88
69) Atrazine	10.992	200	224680	46.147	ng	98
70) Pentachlorophenol	11.098	266	210704	58.152	ng	99
71) Phenanthrene	11.310	178	1185864	41.951	ng	99
72) Anthracene	11.363	178	1203205	41.409	ng	100
73) Carbazole	11.521	167	1189115	44.956	ng	99
74) Di-n-butylphthalate	11.851	149	1277038	40.972	ng	99
75) Fluoranthene	12.504	202	1276374	43.333	ng	98
77) Benzidine	12.633	184	305999	44.889	ng	99
78) Pyrene	12.733	202	1306556	41.243	ng	100
80) Butylbenzylphthalate	13.357	149	503046	45.101	ng	95
81) Benzo(a)anthracene	13.933	228	904427	42.094	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	240228	35.795	ng	# 98
83) Chrysene	13.968	228	878307	41.115	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	565899	49.441	ng	99
85) Di-n-octyl phthalate	14.539	149	859143	47.233	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	863620	45.941	ng	96
88) Benzo(b)fluoranthene	14.980	252	687922	44.324	ng	# 97
89) Benzo(k)fluoranthene	15.009	252	687901	44.869	ng	# 98
90) Benzo(a)pyrene	15.345	252	634410	42.863	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	693307	45.075	ng	99
92) Benzo(g,h,i)perylene	17.339	276	750916	46.747	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

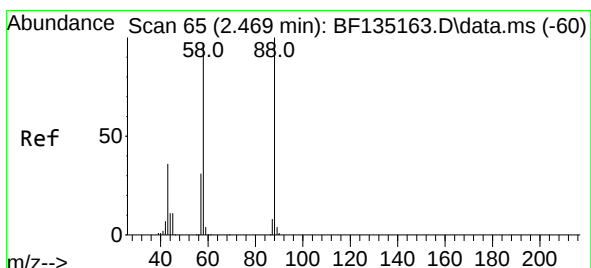
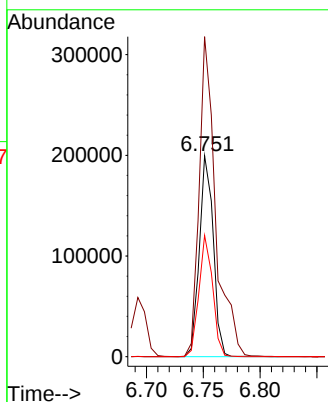
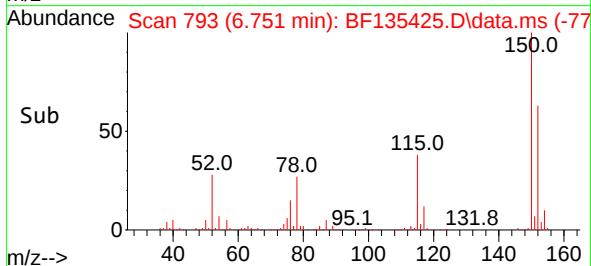
Instrument :
BNA_F
ClientSampleId :
PB155763BS



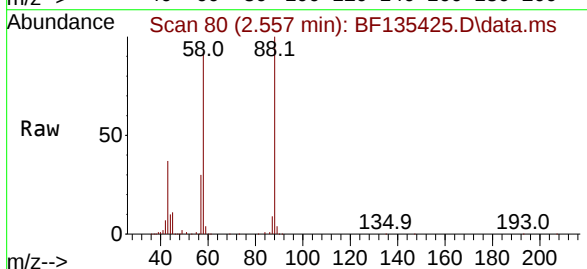
Tgt Ion:152 Resp: 170970
Ion Ratio Lower Upper
152 100
150 159.2 127.8 191.6
115 60.3 49.8 74.8

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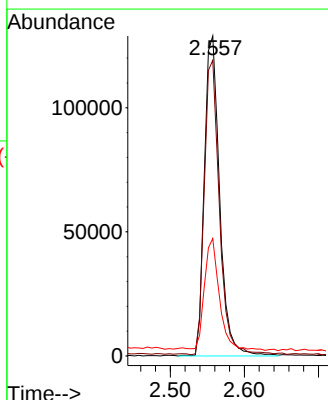
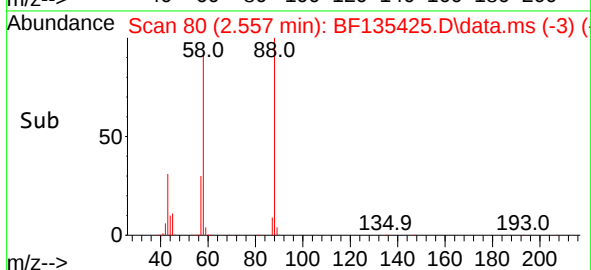
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#2
1,4-Dioxane
Concen: 40.042 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.106 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion: 88 Resp: 184526
Ion Ratio Lower Upper
88 100
58 91.0 78.3 117.5
43 34.4 29.4 44.0





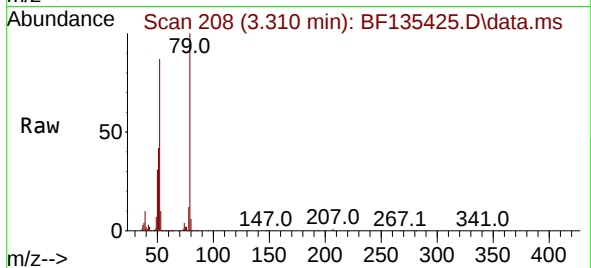
#3
Pyridine
Concen: 38.992 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

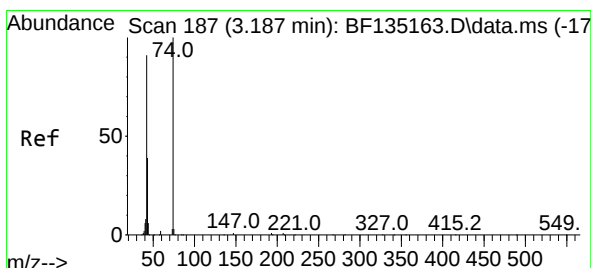
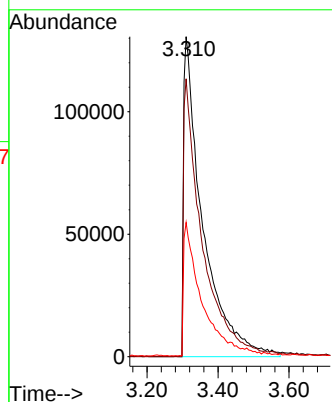
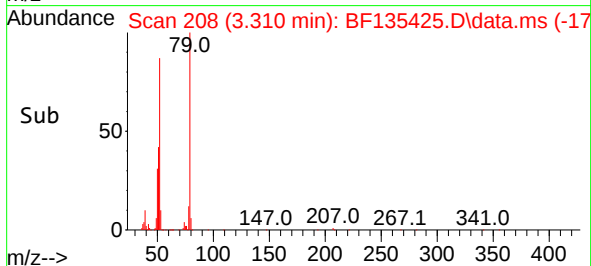


Tgt Ion: 79 Resp: 483608
Ion Ratio Lower Upper
79 100
52 86.9 74.1 111.1
51 41.9 35.8 53.8

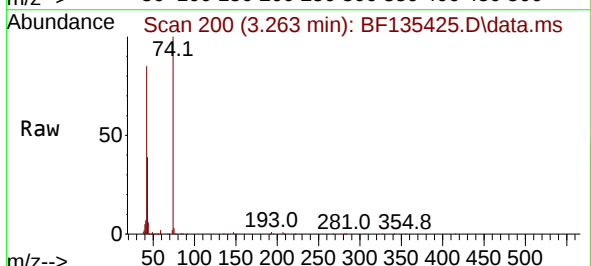
Manual Integrations

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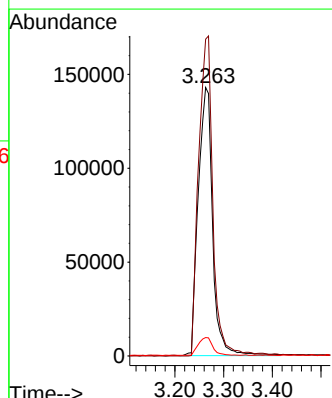
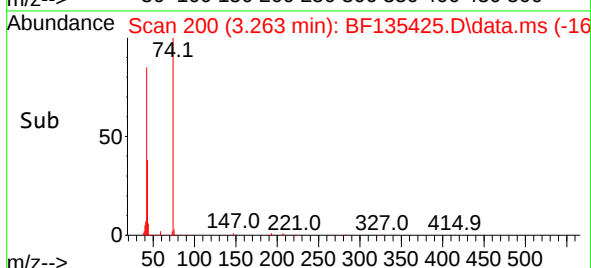
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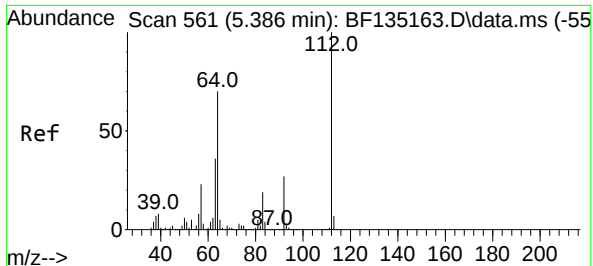


#4
n-Nitrosodimethylamine
Concen: 44.650 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.094 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion: 42 Resp: 293872
Ion Ratio Lower Upper
42 100
74 118.0 87.7 131.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 113.257 ng
RT: 5.398 min Scan# 501
Delta R.T. 0.017 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

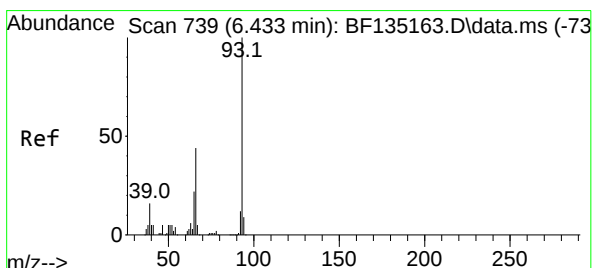
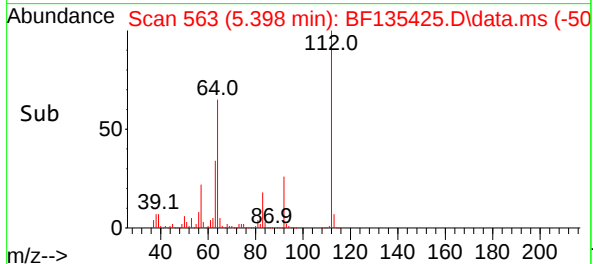
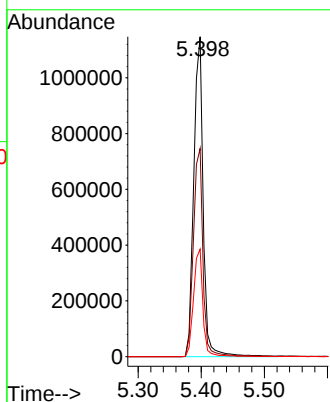
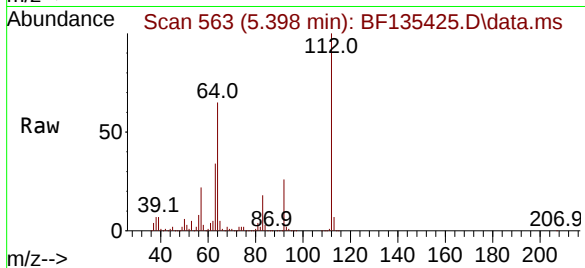
PB155763BS

Tgt Ion:112 Resp: 1190580
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.6 29.0 43.6

Manual Integrations

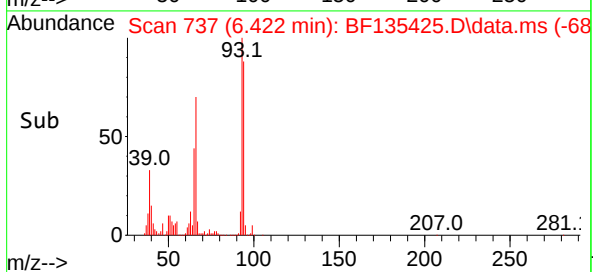
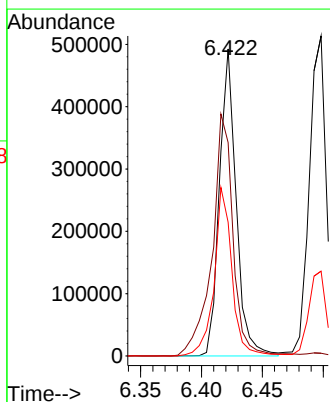
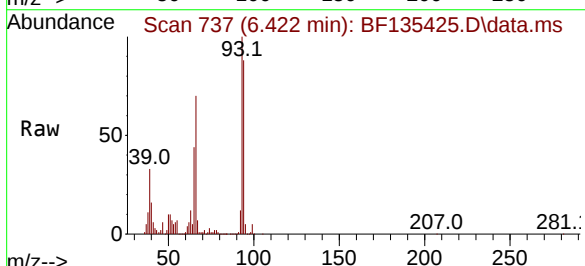
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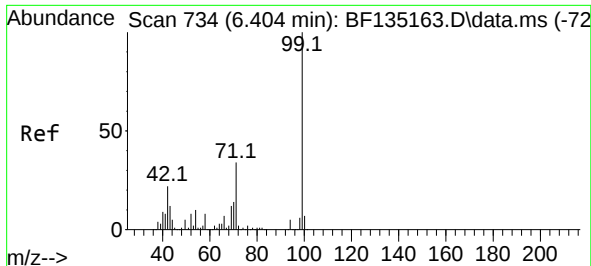
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#6
Aniline
Concen: 26.912 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

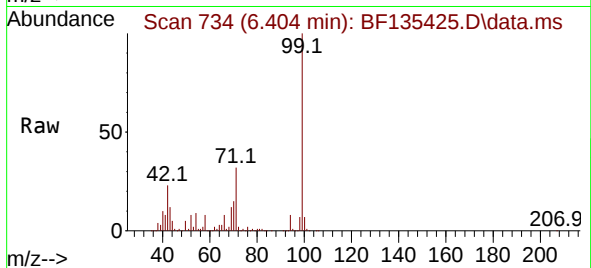
Tgt Ion: 93 Resp: 471735
Ion Ratio Lower Upper
93 100
66 69.5 35.4 53.0#
65 43.5 17.8 26.8#





#7
Phenol-d6
Concen: 111.595 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

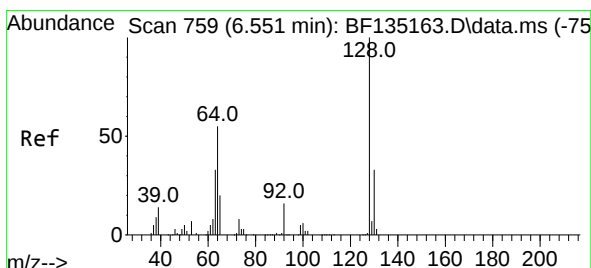
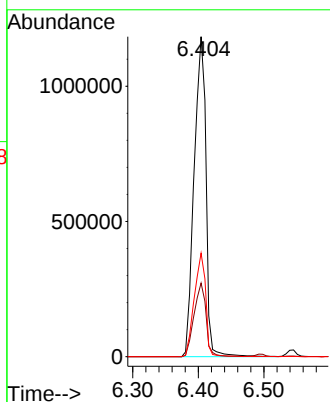
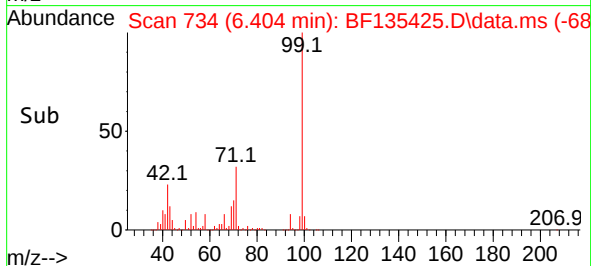
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion: 99 Resp: 1491678
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.3 27.0 40.6

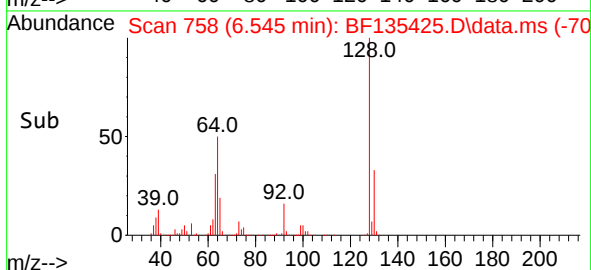
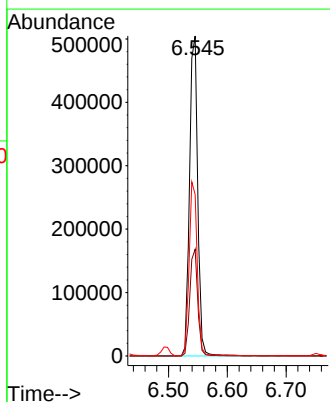
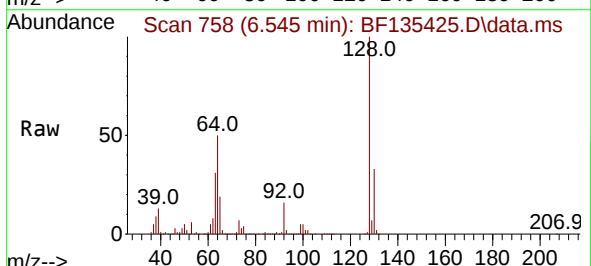
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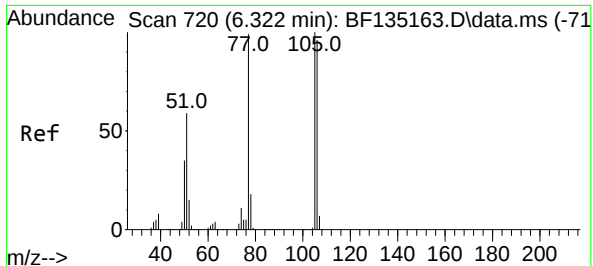
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#8
2-Chlorophenol
Concen: 43.679 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

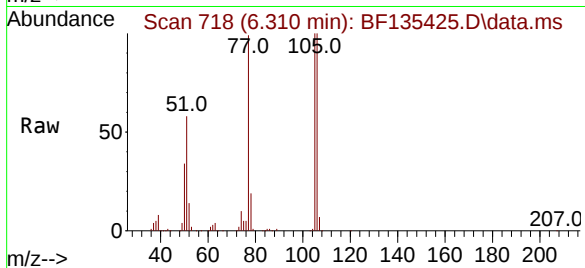
Tgt Ion:128 Resp: 490155
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 50.5 35.9 75.9





#9
Benzaldehyde
Concen: 20.852 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

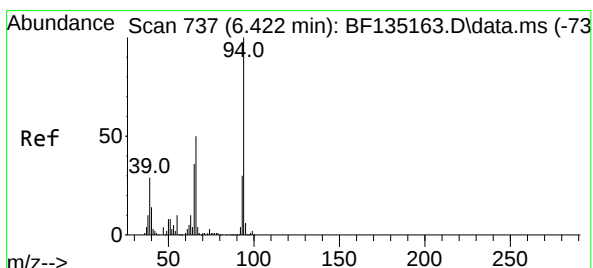
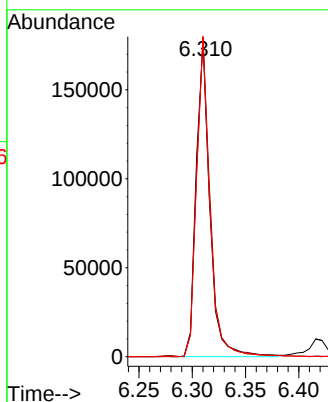
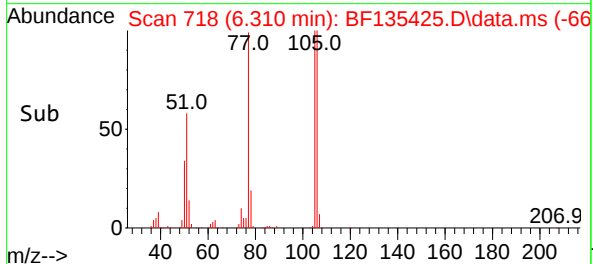
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 158783
Ion Ratio Lower Upper
77 100
105 101.5 81.4 121.4
106 101.5 76.9 116.9

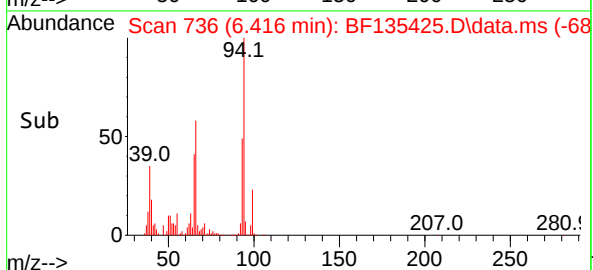
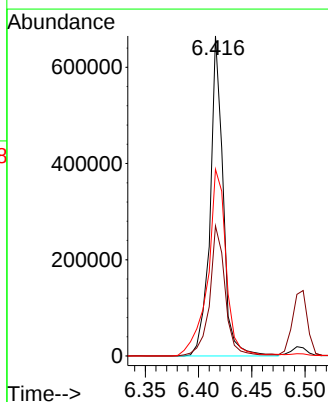
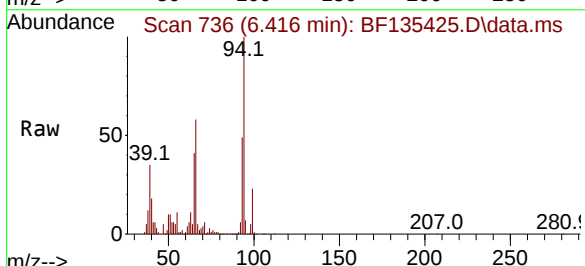
Manual Integrations
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#10
Phenol
Concen: 38.680 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 94 Resp: 566952
Ion Ratio Lower Upper
94 100
65 40.6 15.9 55.9
66 58.4 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 44.723 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

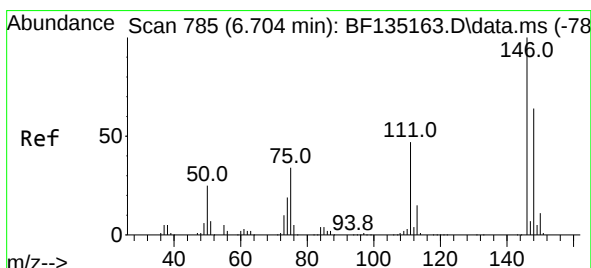
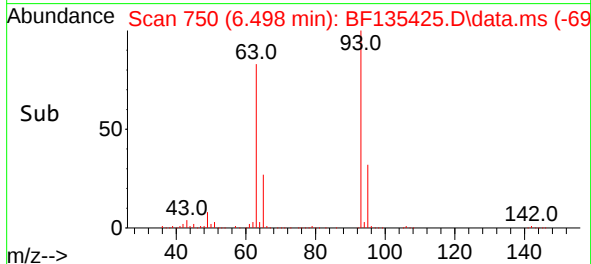
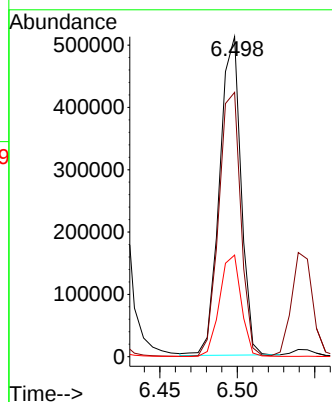
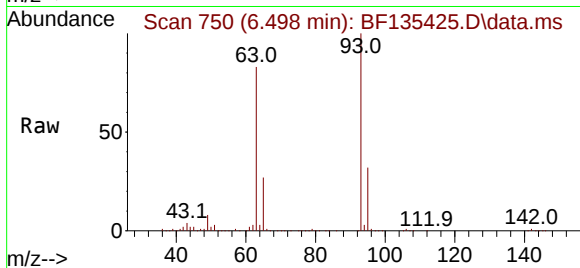
ClientSampleId :

PB155763BS

Tgt Ion: 93 Resp: 491710
Ion Ratio Lower Upper
93 100
63 82.6 67.3 107.3
95 31.8 12.7 52.7

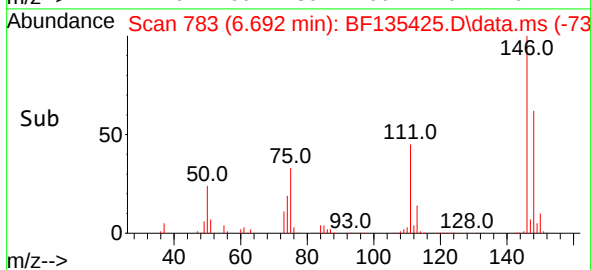
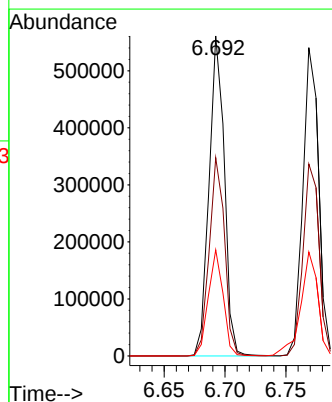
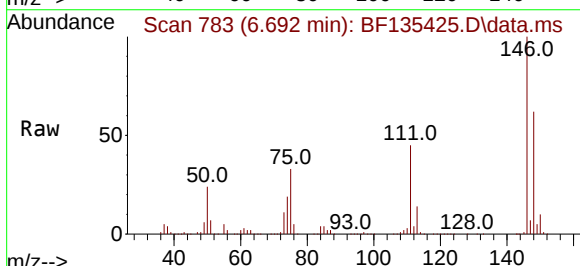
Manual Integrations
APPROVED

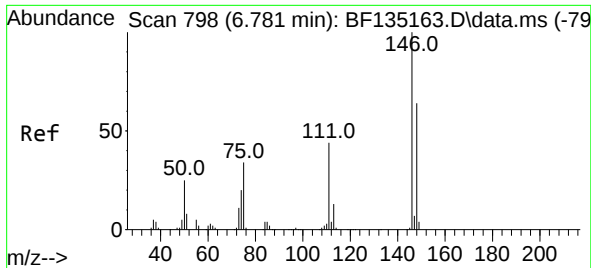
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#12
1,3-Dichlorobenzene
Concen: 42.994 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

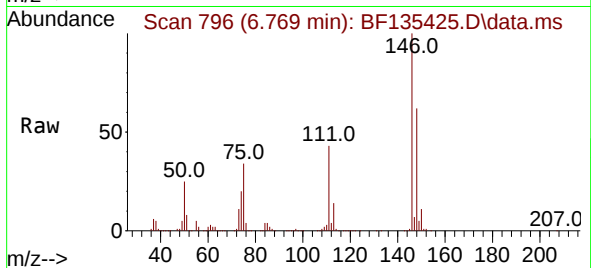
Tgt Ion:146 Resp: 490328
Ion Ratio Lower Upper
146 100
148 62.0 51.3 76.9
75 33.1 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 42.238 ng
RT: 6.769 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

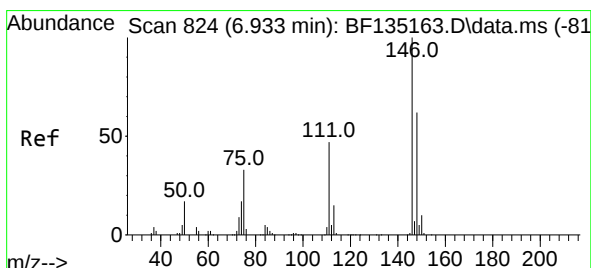
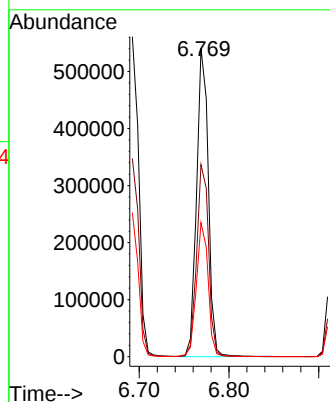
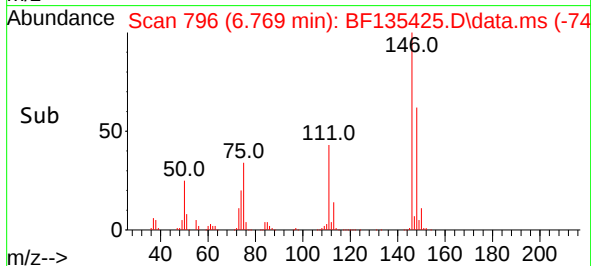
Instrument :
BNA_F
Client SampleId :
PB155763BS



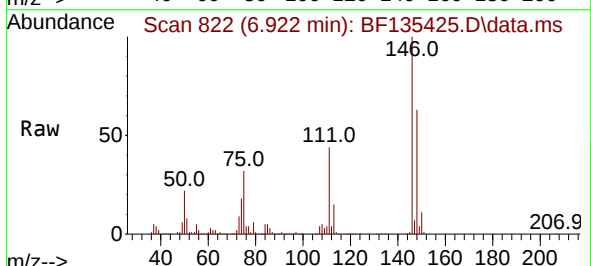
Tgt Ion:146 Resp: 490098
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
111 43.4 35.1 52.7

Manual Integrations
APPROVED

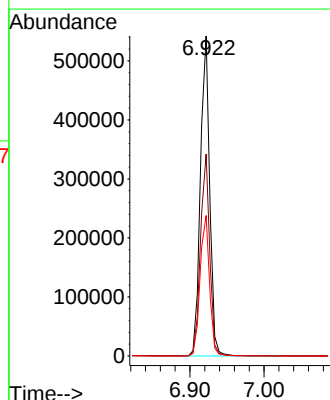
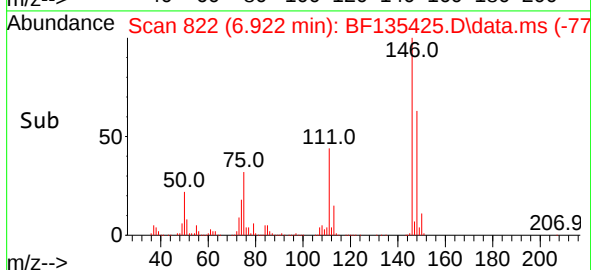
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

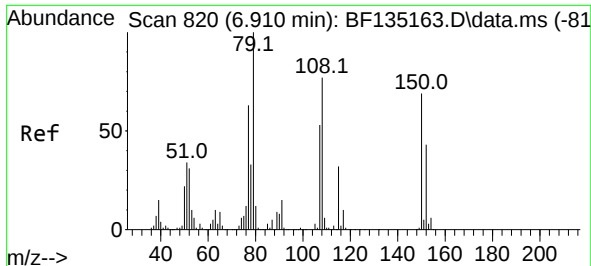


#14
1,2-Dichlorobenzene
Concen: 43.551 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion:146 Resp: 469274
Ion Ratio Lower Upper
146 100
148 63.1 49.7 74.5
111 43.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.473 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

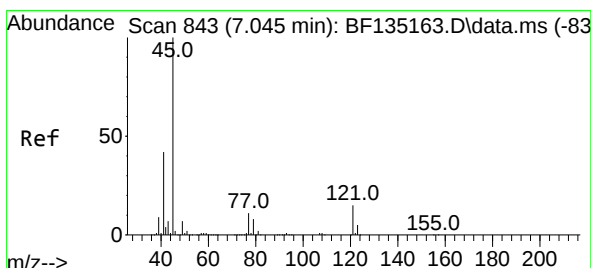
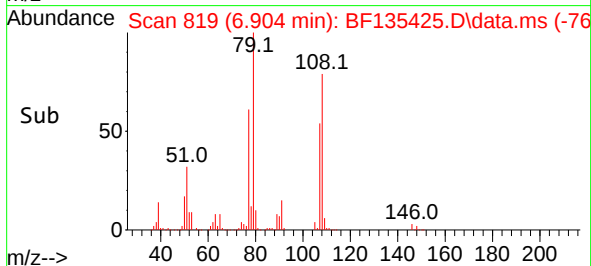
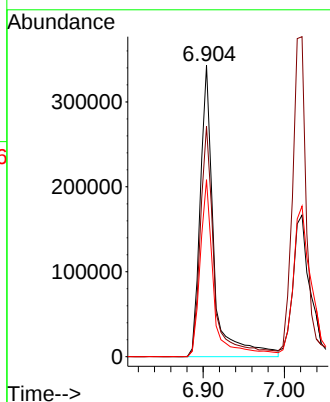
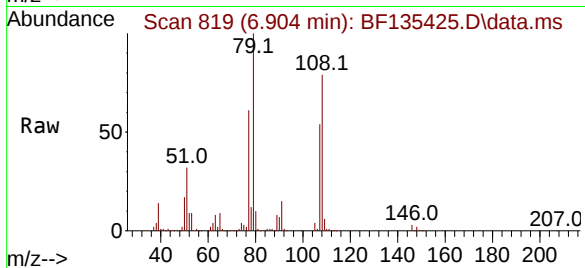
ClientSampleId :

PB155763BS

Tgt Ion: 79 Resp: 397800
Ion Ratio Lower Upper
79 100
108 79.1 61.2 91.8
77 60.7 50.5 75.7

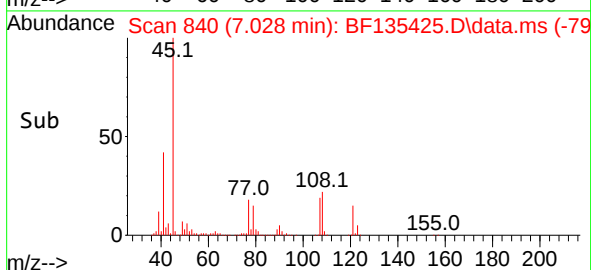
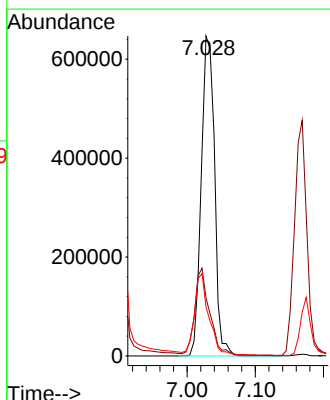
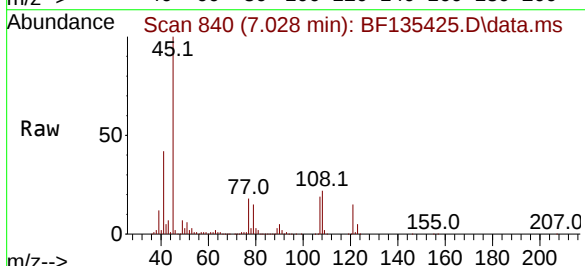
Manual Integrations
APPROVED

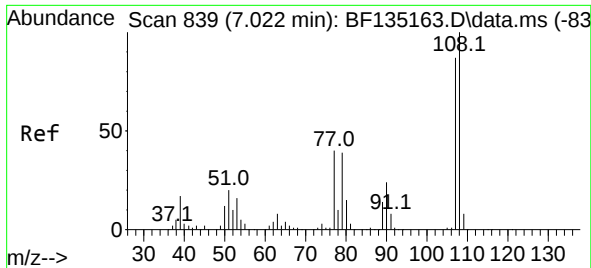
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.452 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion: 45 Resp: 879780
Ion Ratio Lower Upper
45 100
77 18.1 0.0 30.6
79 15.3 0.0 28.3





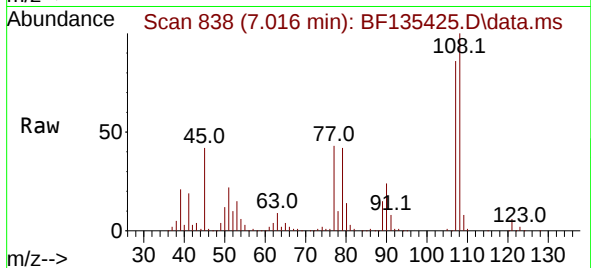
#17
2-Methylphenol
Concen: 39.415 ng
RT: 7.016 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

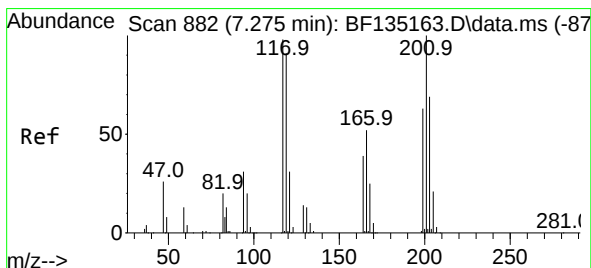
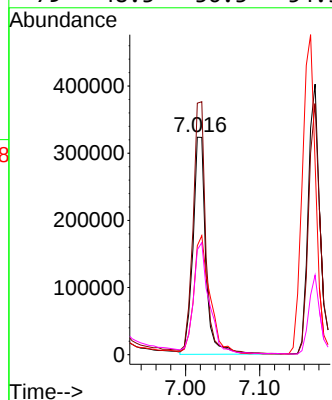


Tgt Ion:107 Resp: 390325
Ion Ratio Lower Upper
107 100
108 115.6 92.0 138.0
77 50.1 36.7 55.1
79 48.3 36.3 54.5

Manual Integrations

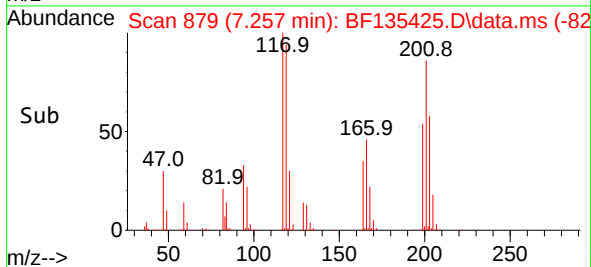
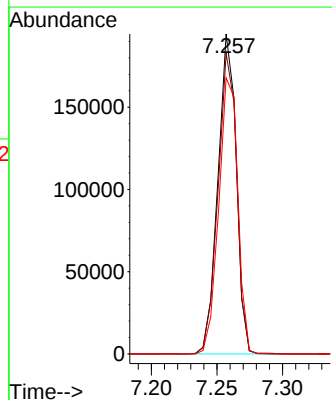
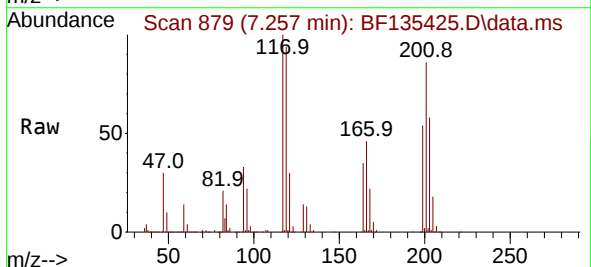
APPROVED

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



#18
Hexachloroethane
Concen: 44.037 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:117 Resp: 188800
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1
201 86.3 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.411 ng

RT: 7.169 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135425.D

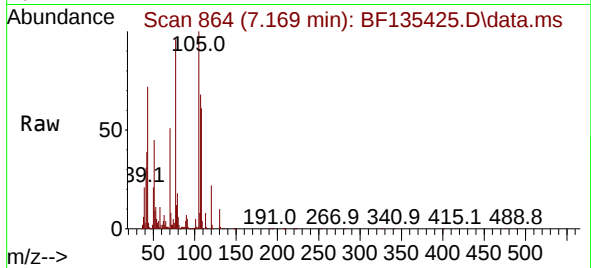
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



Tgt Ion: 70 Resp: 30974

Ion Ratio Lower Upper

70 100

42 76.4 55.4 83.0

101 9.1 7.7 11.5

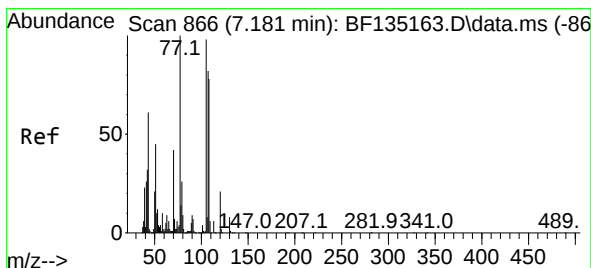
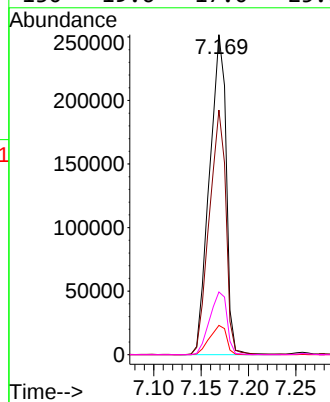
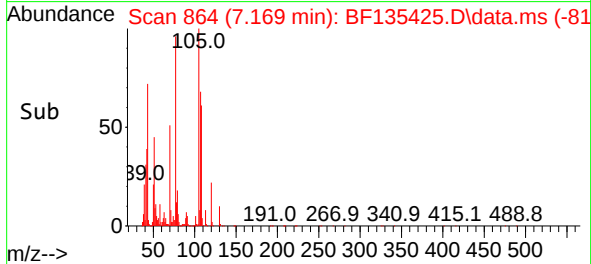
130 19.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#20

3+4-Methylphenols

Concen: 37.813 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion:107 Resp: 450269

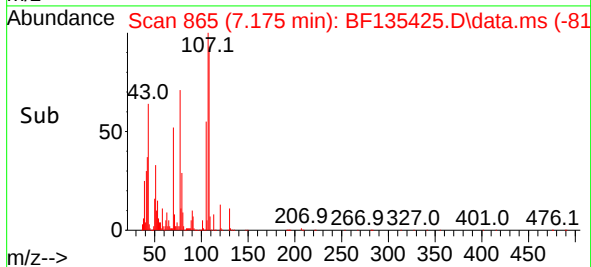
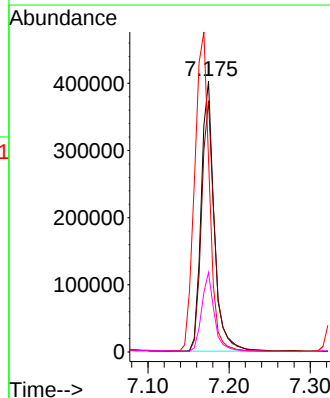
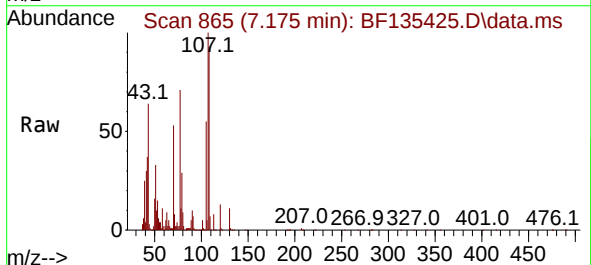
Ion Ratio Lower Upper

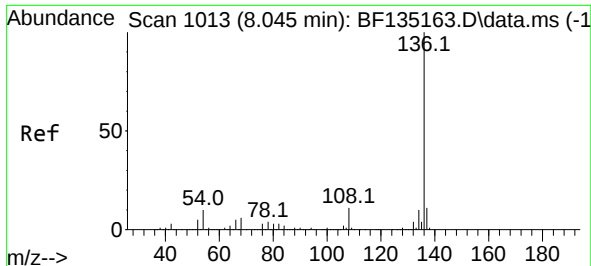
107 100

108 92.8 74.7 114.7

77 71.2 102.0 142.0#

79 29.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

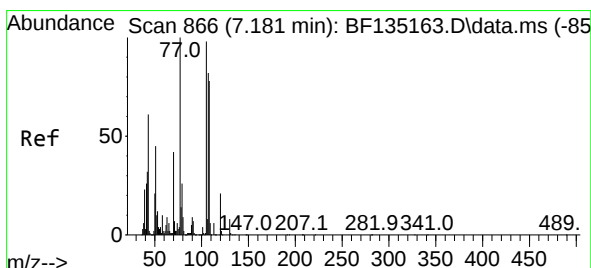
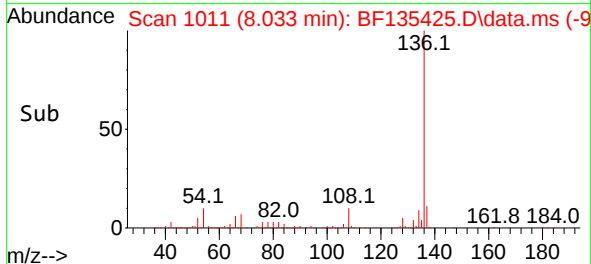
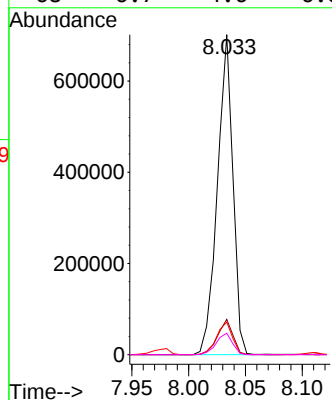
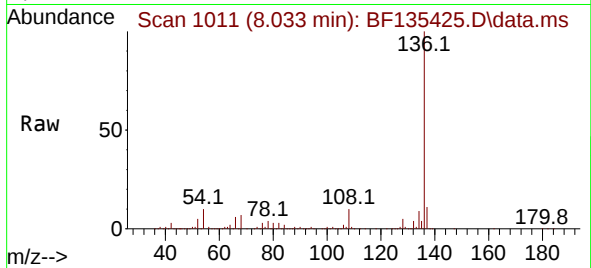
PB155763BS

Tgt Ion:136 Resp: 668400
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.7 11.5
68 6.7 4.6 6.8

Manual Integrations

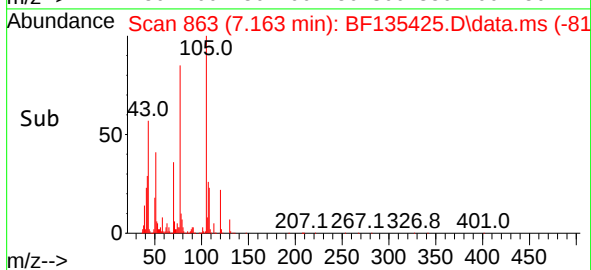
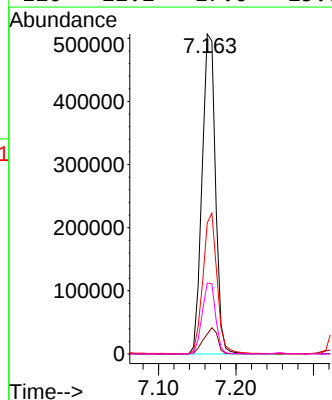
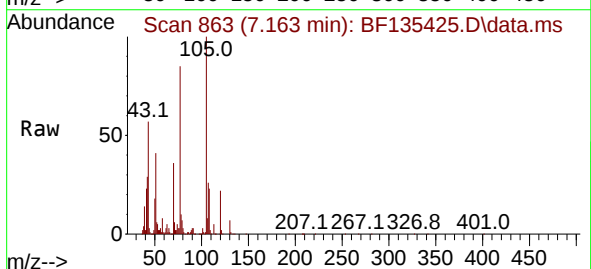
APPROVED

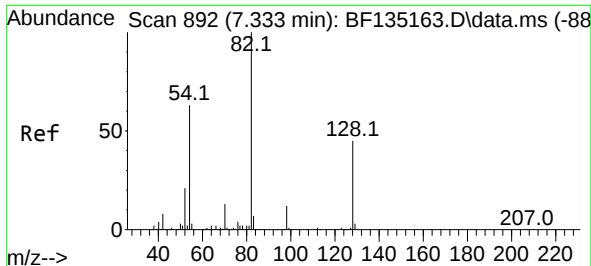
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#22
Acetophenone
Concen: 39.933 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:105 Resp: 610240
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 40.9 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.058 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

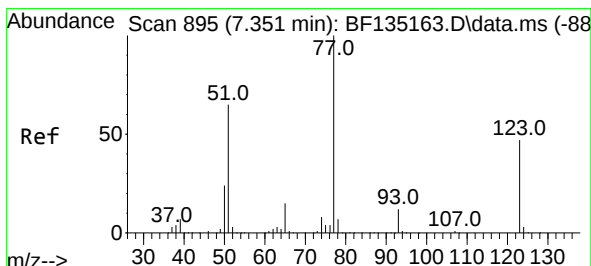
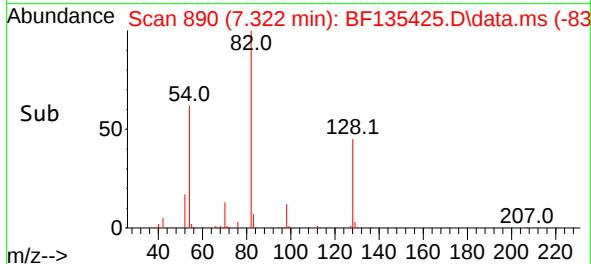
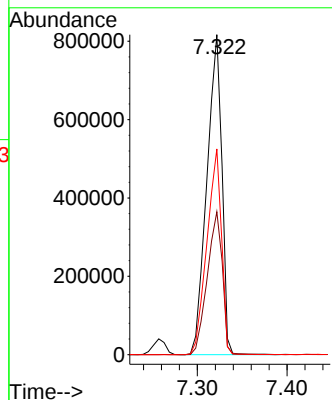
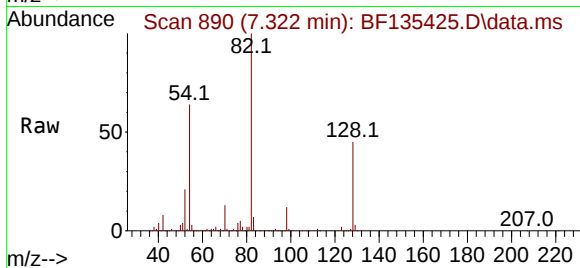
ClientSampleId :

PB155763BS

Tgt Ion: 82 Resp: 948036
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.8 53.6
 54 64.3 50.6 76.0

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 41.765 ng

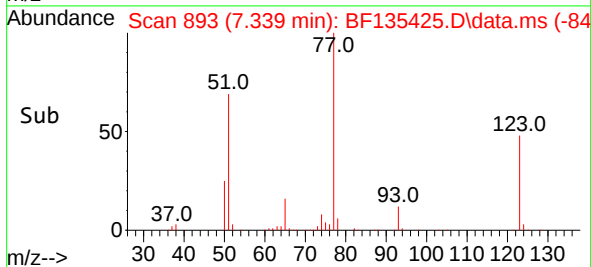
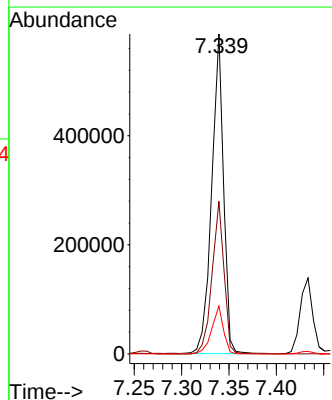
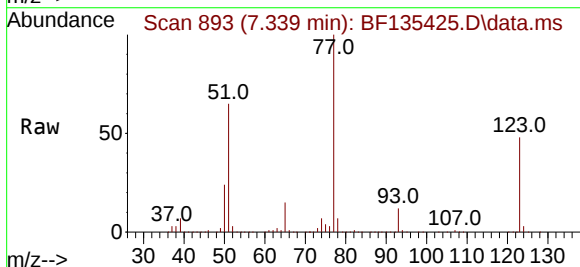
RT: 7.339 min Scan# 893

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

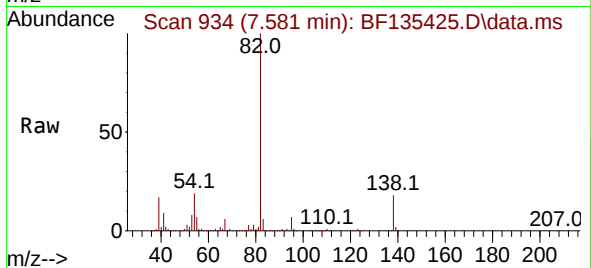
Tgt Ion: 77 Resp: 507861
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.6 56.4
 65 15.0 12.2 18.4





#25
Isophorone
Concen: 40.945 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

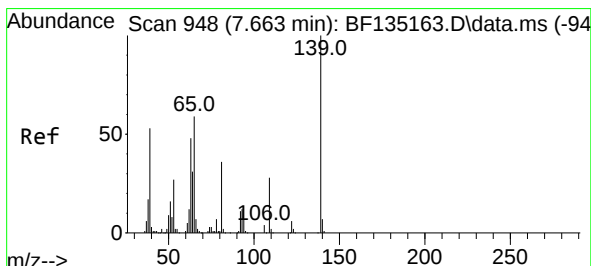
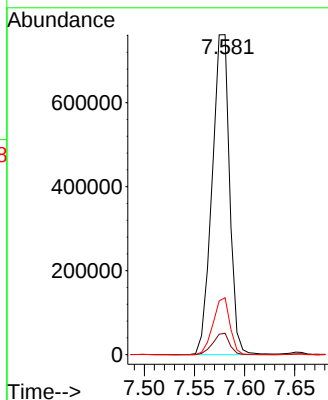
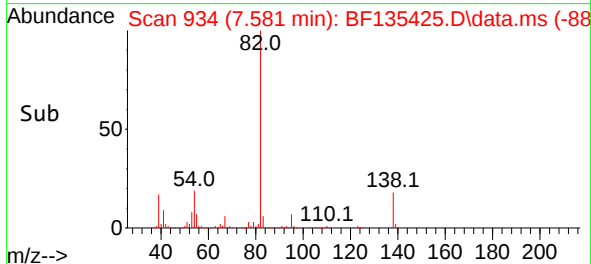
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion: 82 Resp: 924992
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.8 14.5 21.7

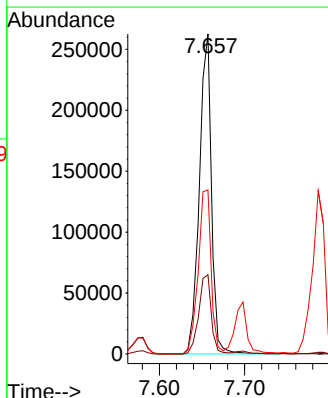
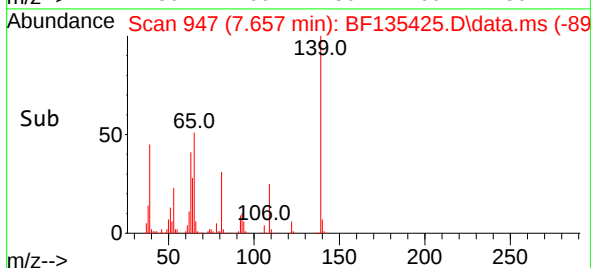
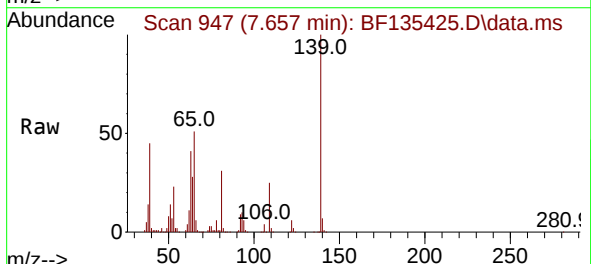
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 44.480 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:139 Resp: 259592
Ion Ratio Lower Upper
139 100
109 24.8 22.6 33.8
65 51.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.640 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135425.D

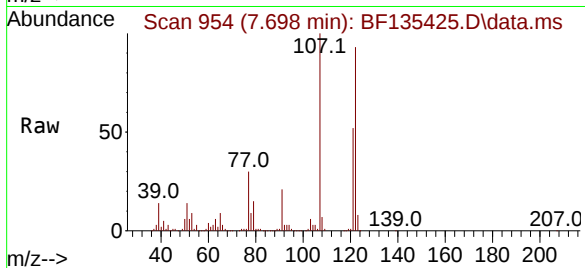
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



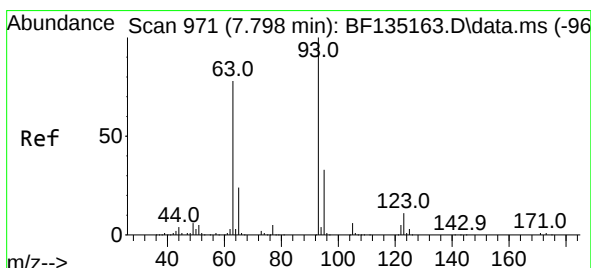
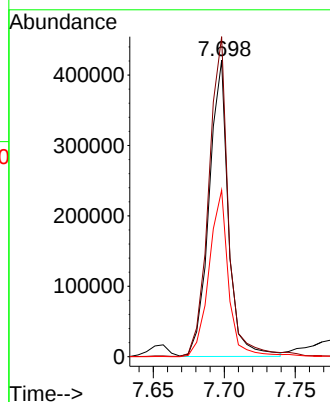
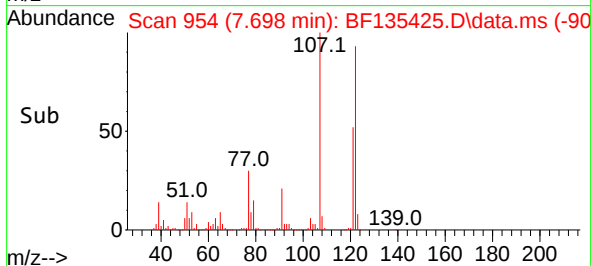
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.0	90.2	135.4
121	56.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.440 ng

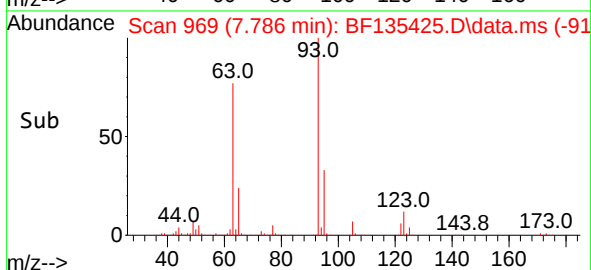
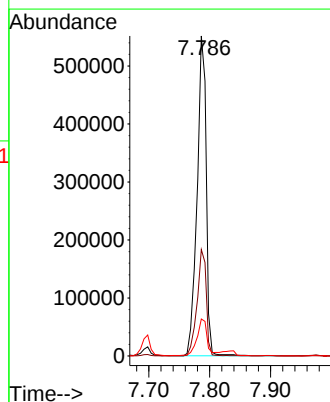
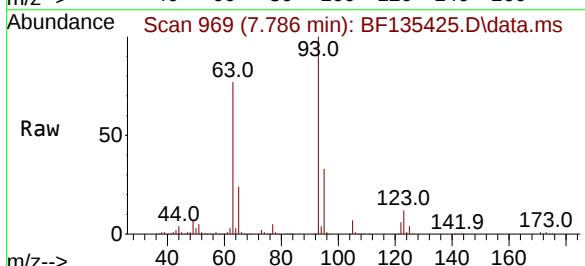
RT: 7.786 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.2
123	11.6	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 41.741 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

Tgt Ion:162 Resp: 37943

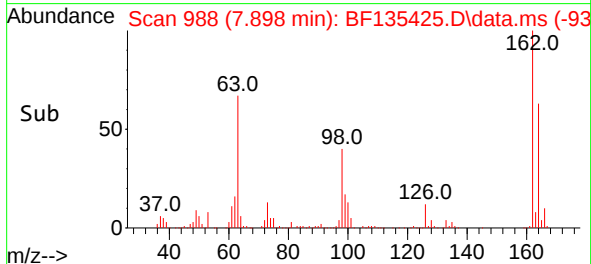
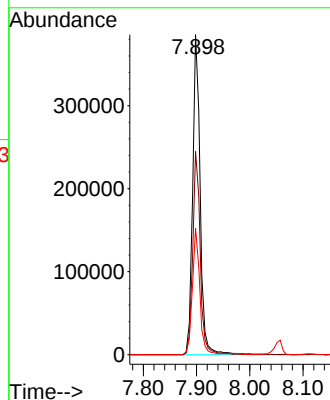
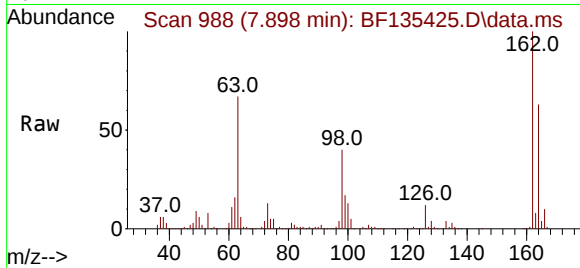
Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	39.6	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.309 ng

RT: 7.975 min Scan# 1001

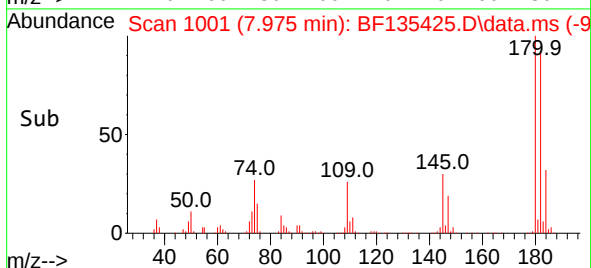
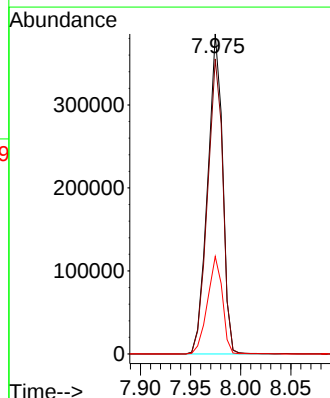
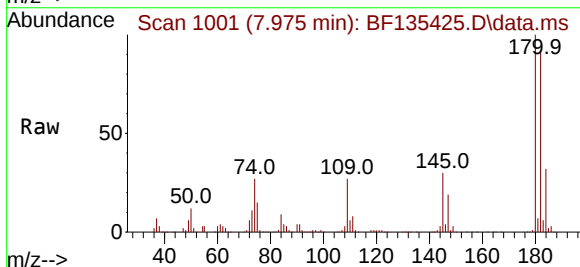
Delta R.T. -0.000 min

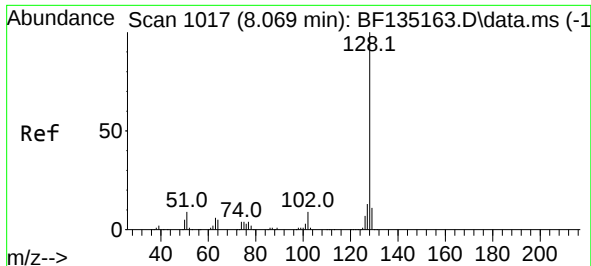
Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion:180 Resp: 401989

Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.9	115.3
145	30.4	24.5	36.7





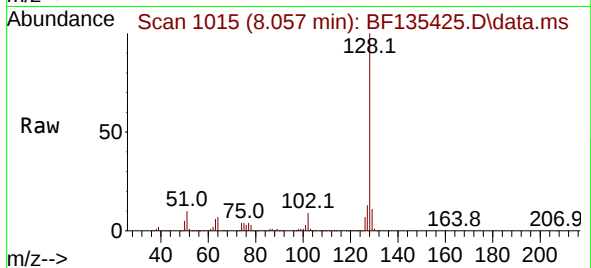
#31
Naphthalene
Concen: 41.118 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



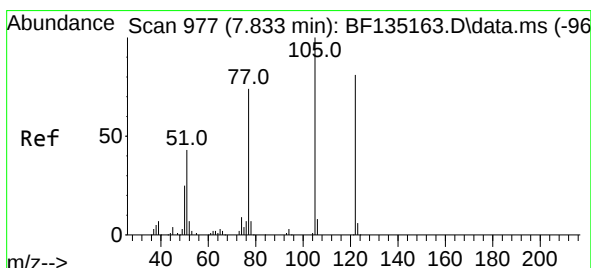
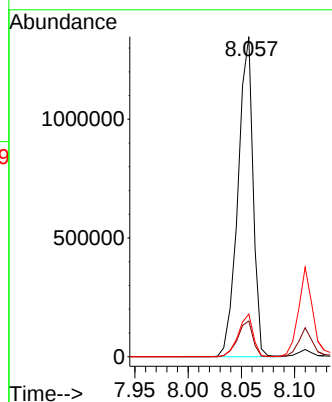
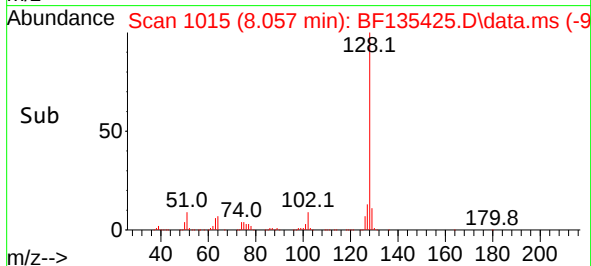
Tgt Ion:128 Resp: 1335334
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

APPROVED

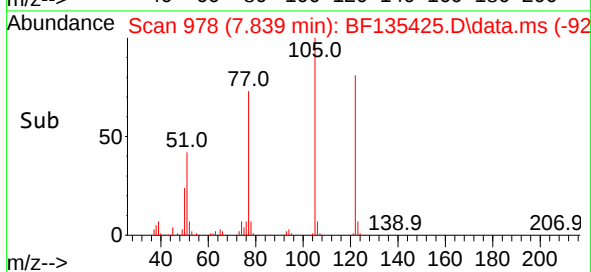
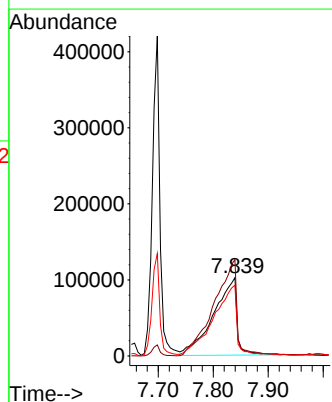
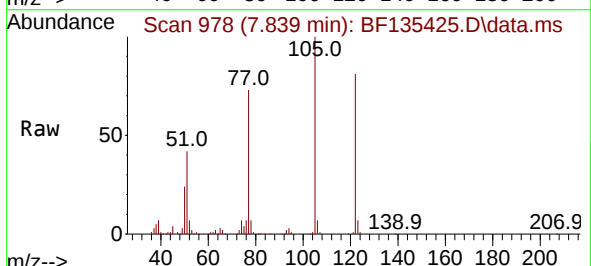
Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#32
Benzoic acid
Concen: 41.246 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.012 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:122 Resp: 304680
Ion Ratio Lower Upper
122 100
105 123.2 99.9 139.9
77 90.4 70.0 110.0





#33
4-Chloroaniline
Concen: 25.906 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

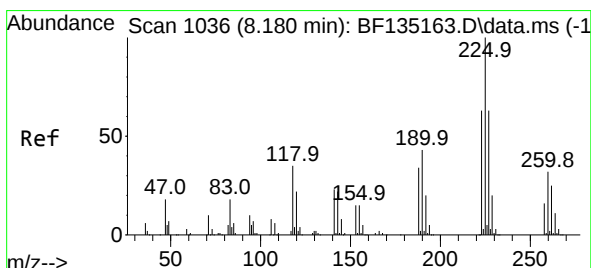
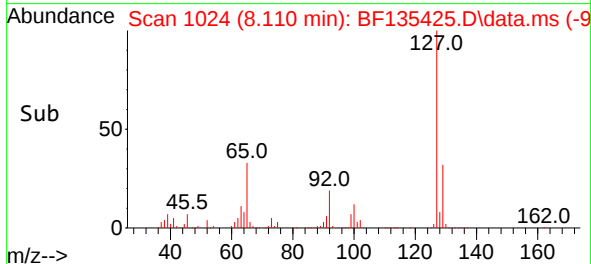
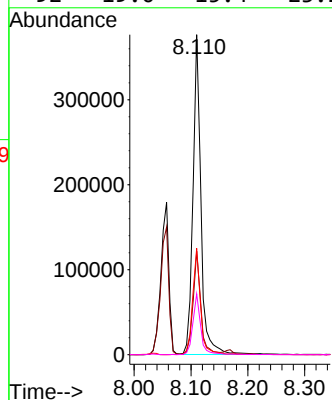
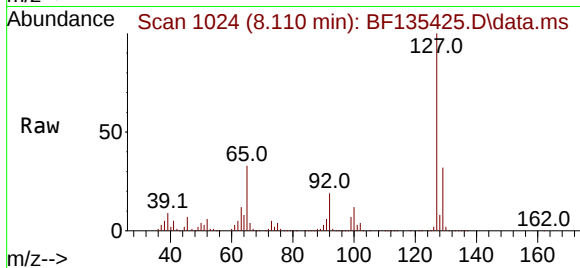
PB155763BS

Tgt Ion:127 Resp: 369120
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 33.2 26.6 39.8
92 19.0 15.4 23.2

Manual Integrations

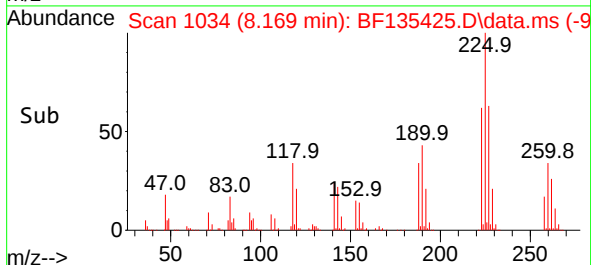
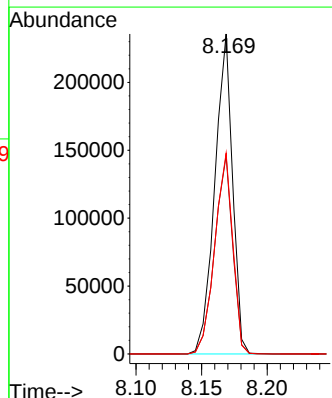
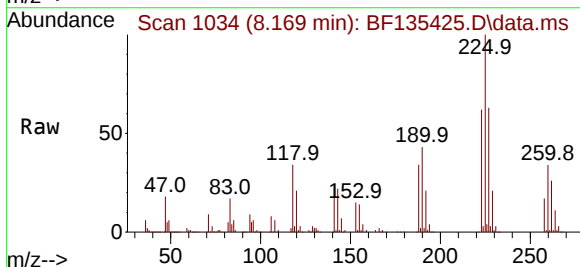
APPROVED

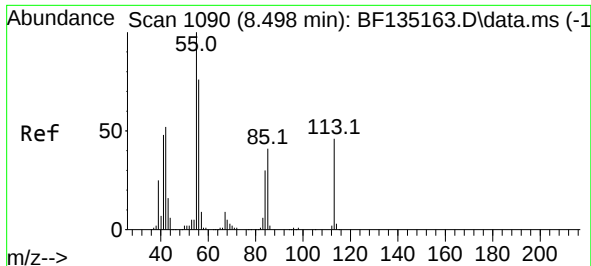
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#34
Hexachlorobutadiene
Concen: 38.662 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

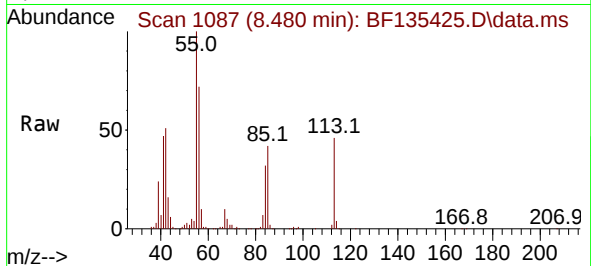
Tgt Ion:225 Resp: 221497
Ion Ratio Lower Upper
225 100
223 62.0 50.6 75.8
227 62.8 50.8 76.2





#35
Caprolactam
Concen: 42.014 ng m
RT: 8.480 min Scan# 1090
Delta R.T. -0.012 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

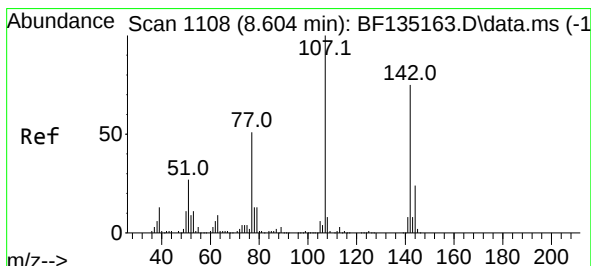
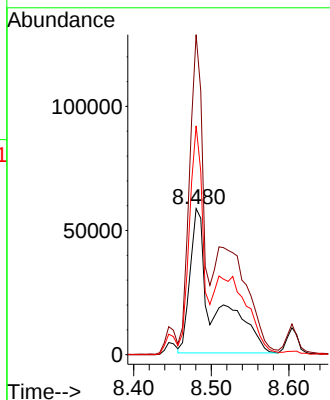
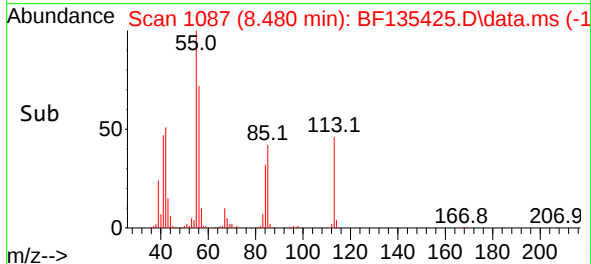
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion:113 Resp: 128174
Ion Ratio Lower Upper
113 100
55 219.0 199.3 239.3
56 156.6 146.3 186.3

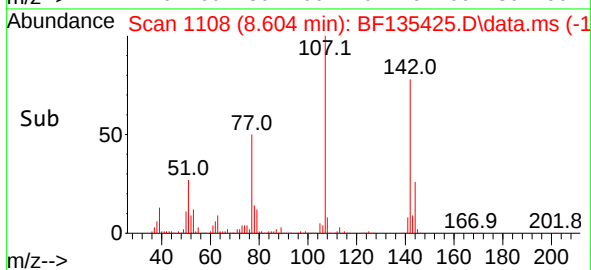
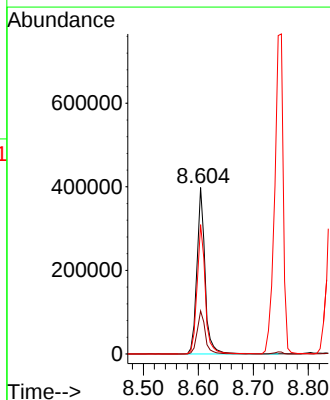
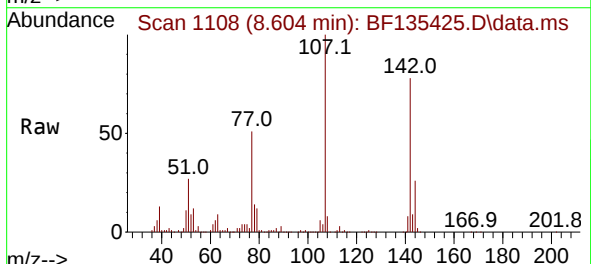
Manual Integrations
APPROVED

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



#36
4-Chloro-3-methylphenol
Concen: 40.483 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:107 Resp: 408998
Ion Ratio Lower Upper
107 100
144 25.9 19.0 28.4
142 77.6 60.2 90.2





#37

2-Methylnaphthalene

Concen: 37.989 ng

RT: 8.751 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

Tgt Ion:142 Resp: 82931

Ion Ratio Lower Upper

142 100

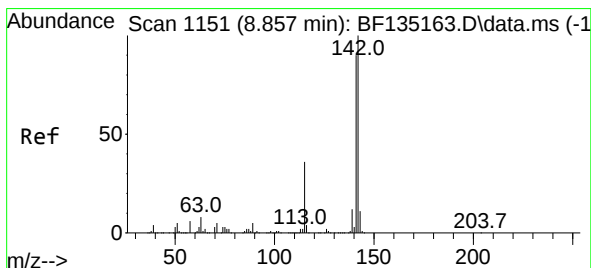
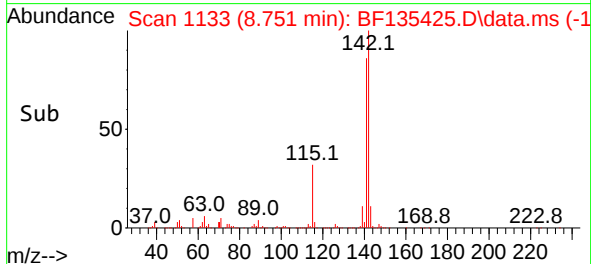
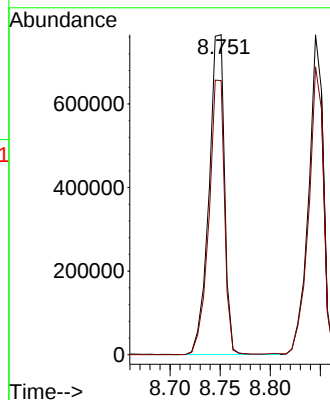
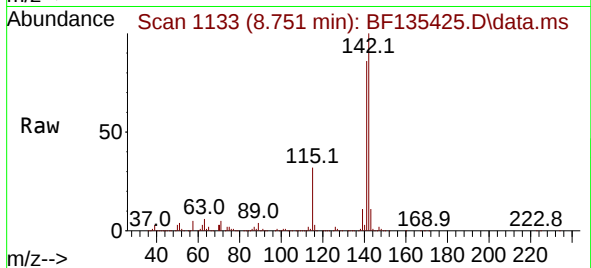
141 85.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#38

1-Methylnaphthalene

Concen: 37.913 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF135425.D

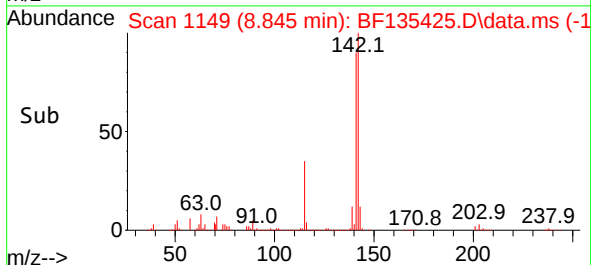
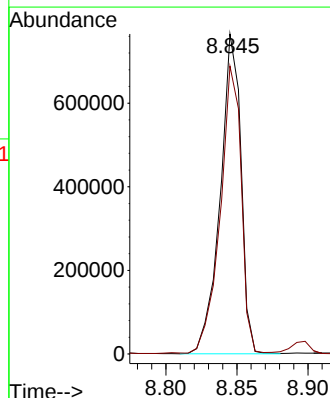
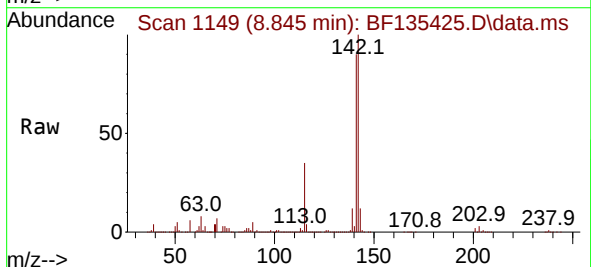
Acq: 25 Sep 2023 14:12

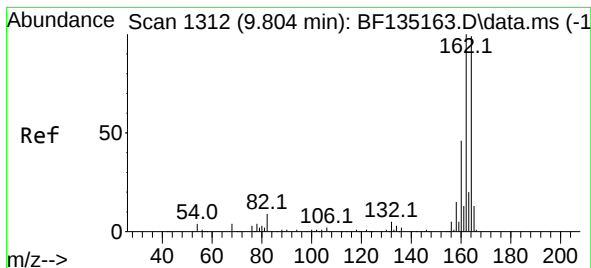
Tgt Ion:142 Resp: 774869

Ion Ratio Lower Upper

142 100

141 90.0 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135425.D

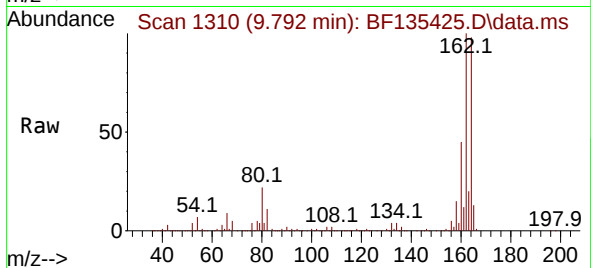
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



Tgt Ion:164 Resp: 319938

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

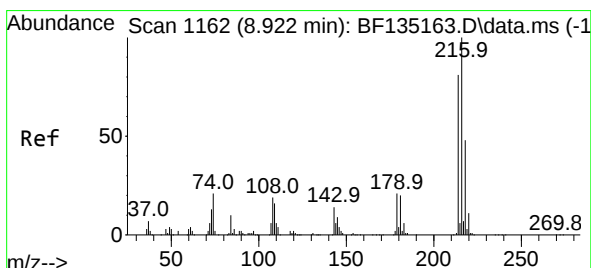
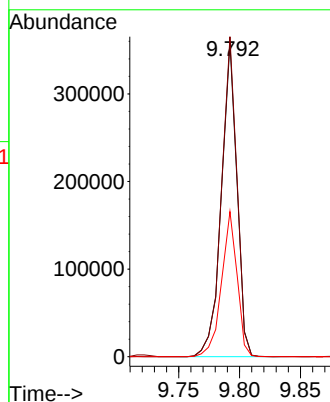
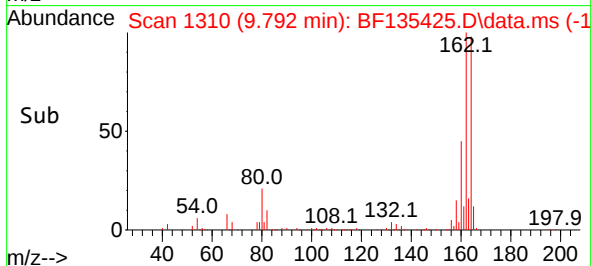
160 46.2 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.050 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion:216 Resp: 380486

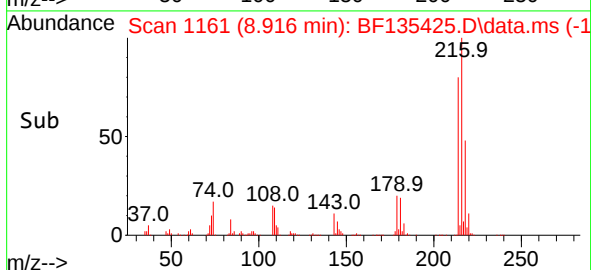
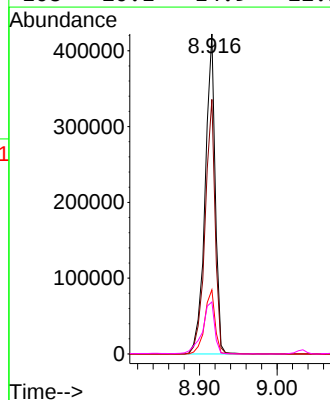
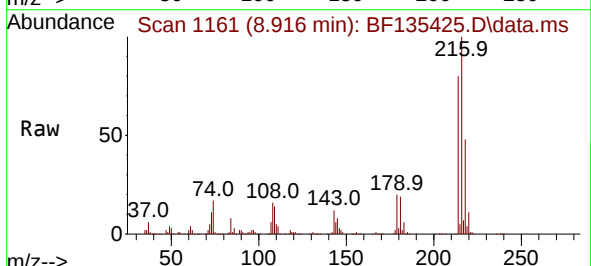
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 20.5 16.7 25.1

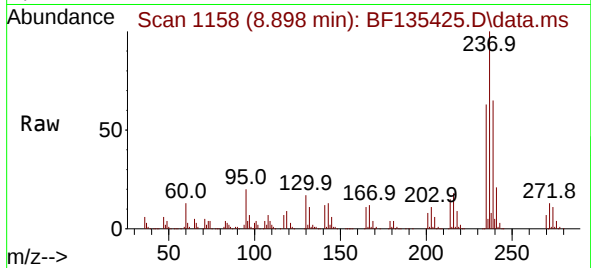
108 20.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 56.005 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

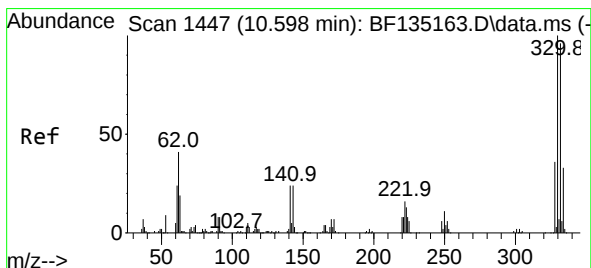
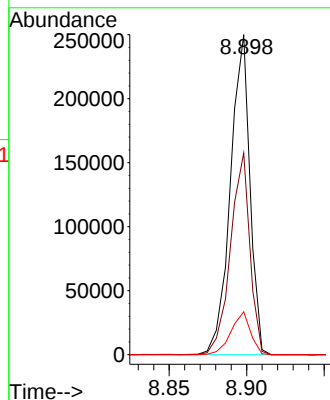
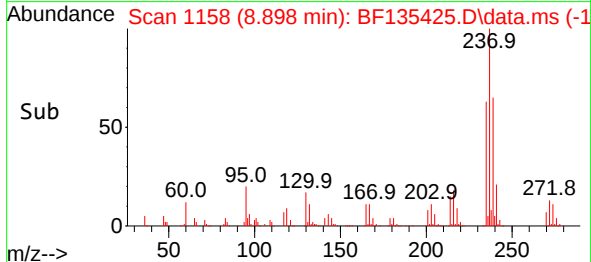
Instrument :
BNA_F
ClientSampleId :
PB155763BS



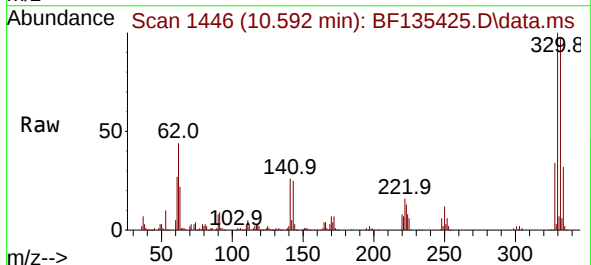
Tgt Ion: 237 Resp: 21876
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 13.4 0.0 33.6

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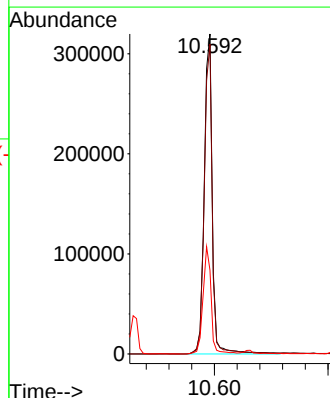
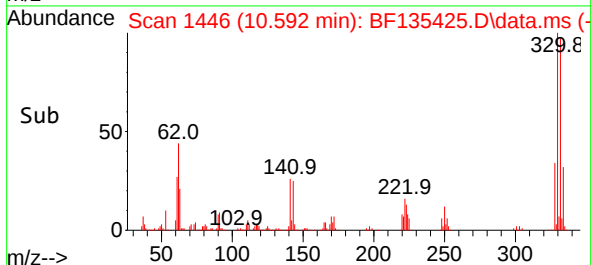
Reviewed By : Yogesh Patel 09/26/2023
Supervised By : Jagrut Upadhyay 09/26/2023

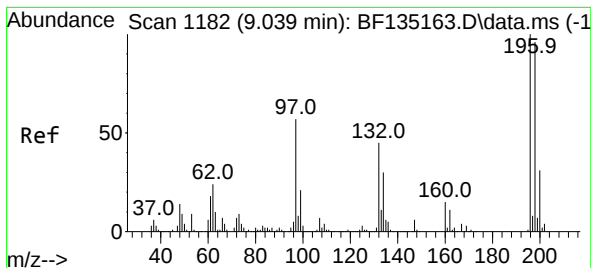


#42
2,4,6-Tribromophenol
Concen: 98.776 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion: 330 Resp: 314050
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.700 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

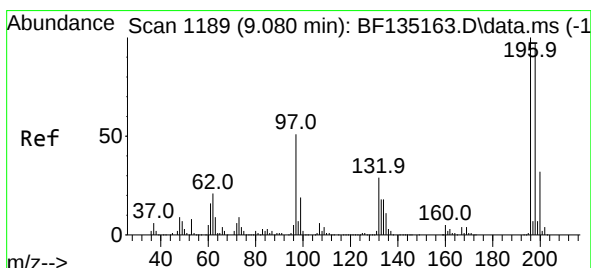
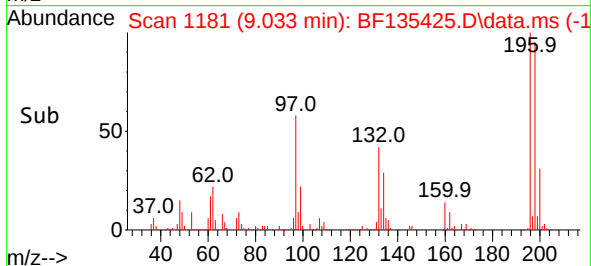
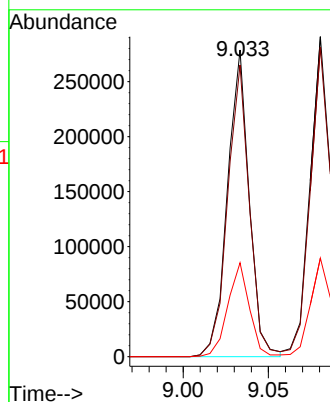
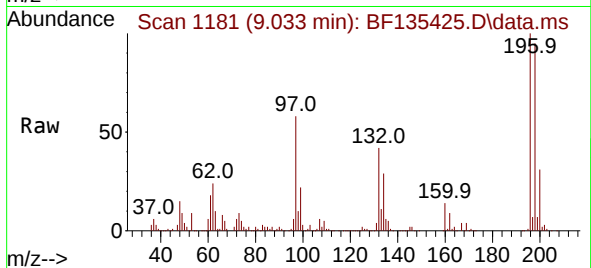
Tgt Ion:196 Resp: 246994
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.0 115.6
 200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#44

2,4,5-Trichlorophenol

Concen: 39.088 ng

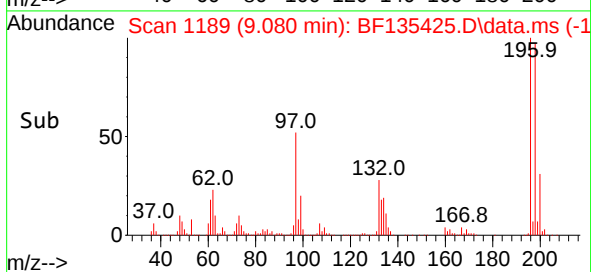
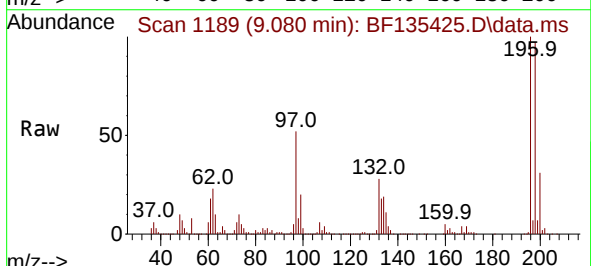
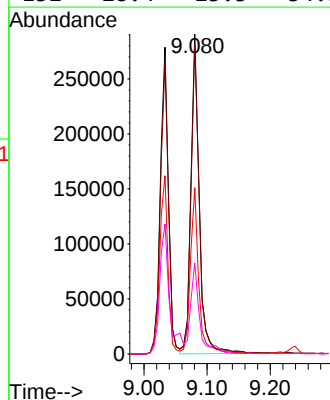
RT: 9.080 min Scan# 1189

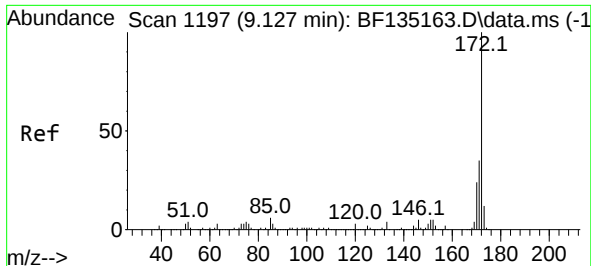
Delta R.T. 0.006 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

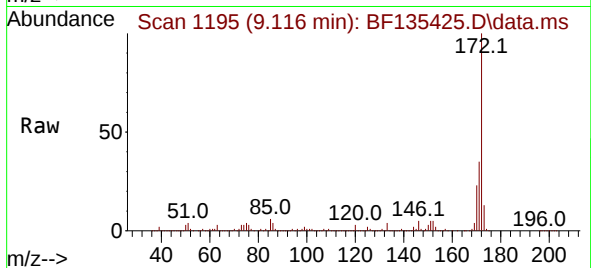
Tgt Ion:196 Resp: 273176
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.5 116.3
 97 52.0 40.5 60.7
 132 28.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 72.876 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

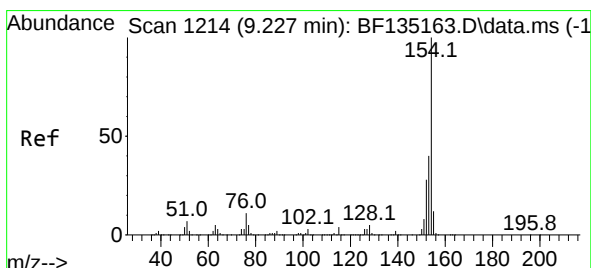
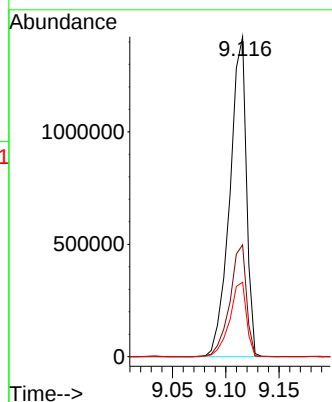
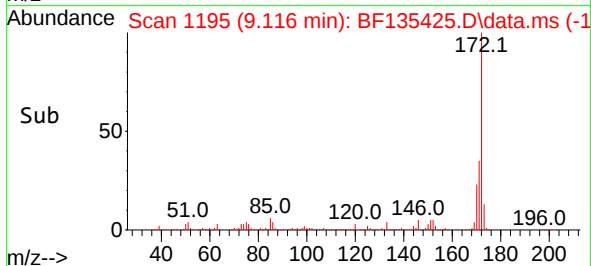
Instrument :
BNA_F
ClientSampleId :
PB155763BS



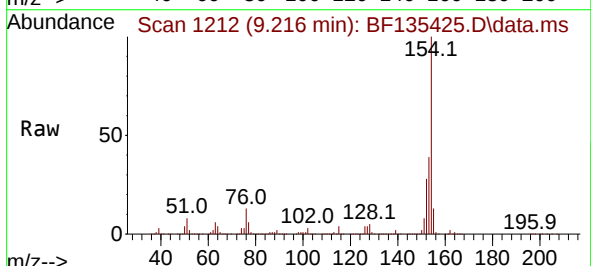
Tgt Ion:172 Resp: 154541
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.2 19.0 28.4

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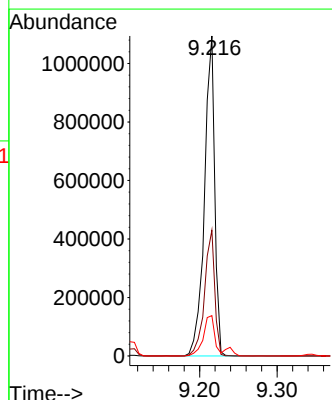
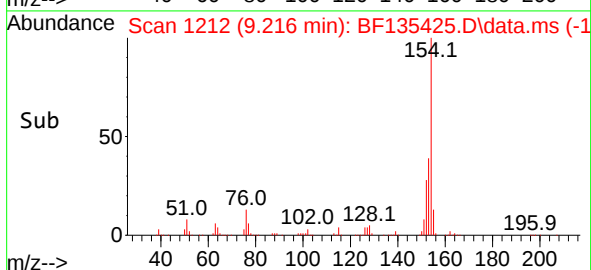
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

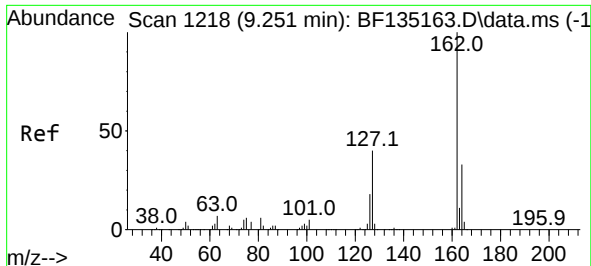


#46
1,1'-Biphenyl
Concen: 40.893 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion:154 Resp: 1005433
Ion Ratio Lower Upper
154 100
153 39.3 19.6 59.6
76 12.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 42.588 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

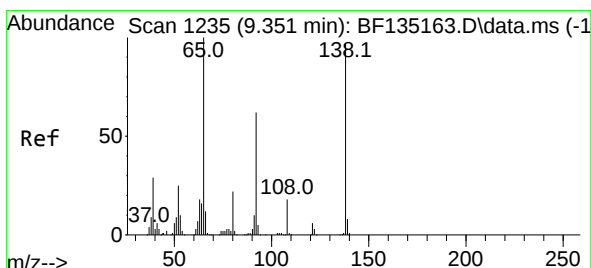
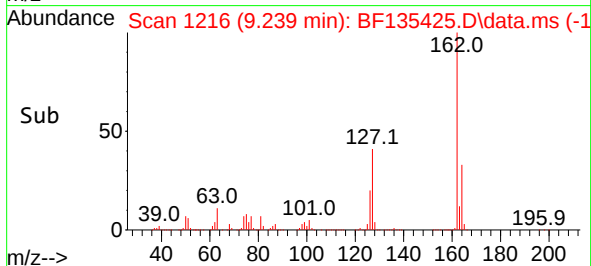
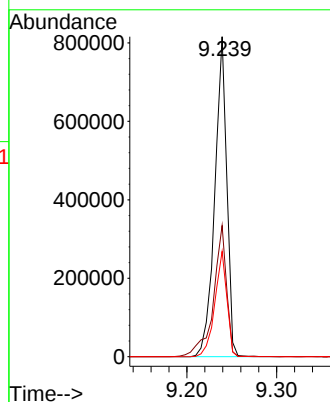
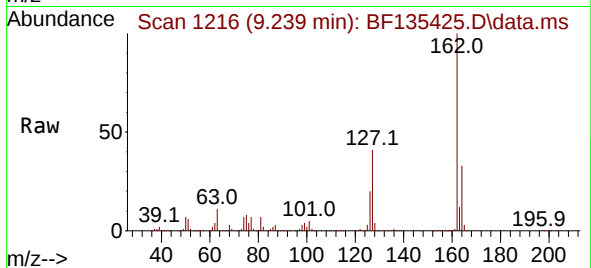
Tgt Ion:162 Resp: 759738
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.6 48.8
 164 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#48

2-Nitroaniline

Concen: 43.029 ng

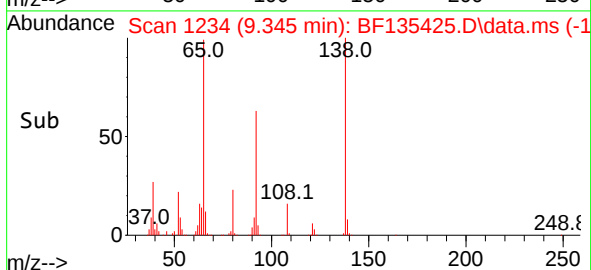
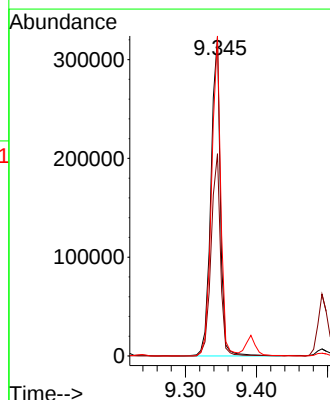
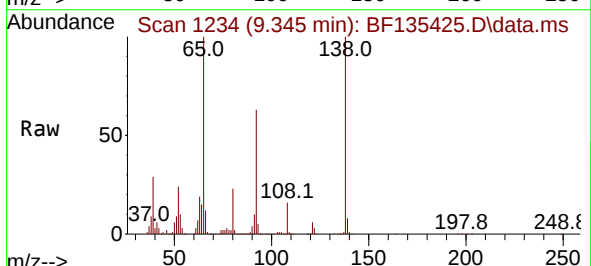
RT: 9.345 min Scan# 1234

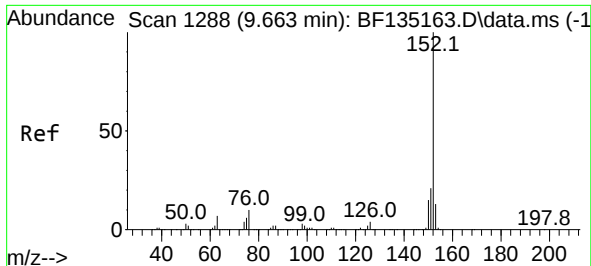
Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion: 65 Resp: 298207
 Ion Ratio Lower Upper
 65 100
 92 63.3 49.4 74.0
 138 100.2 77.4 116.0





#49

Acenaphthylene

Concen: 41.418 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

Tgt Ion:152 Resp: 1227938

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

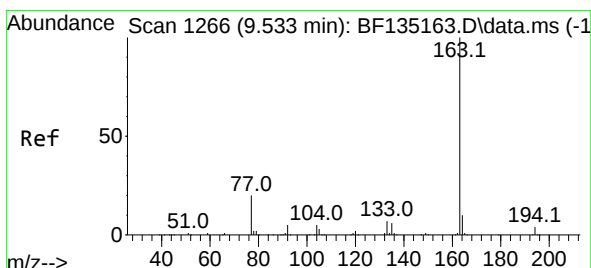
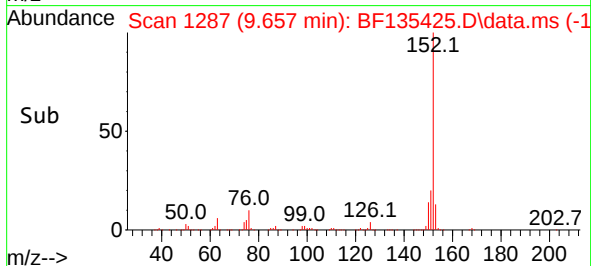
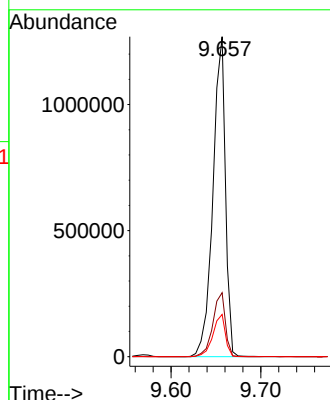
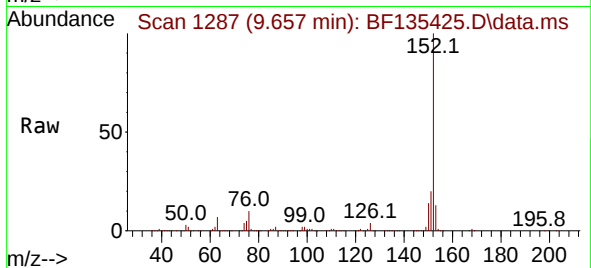
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#50

Dimethylphthalate

Concen: 39.746 ng

RT: 9.522 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

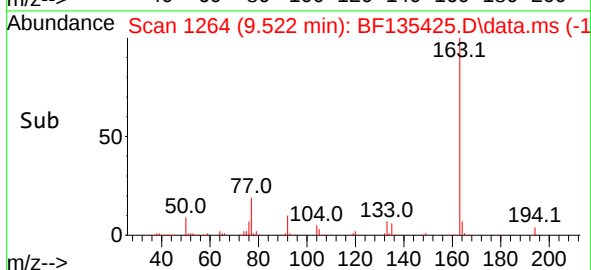
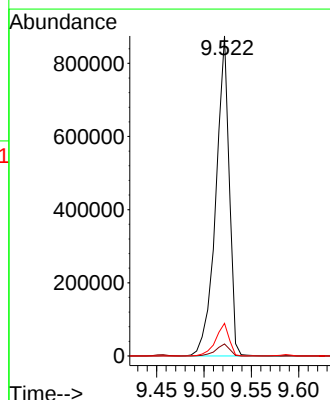
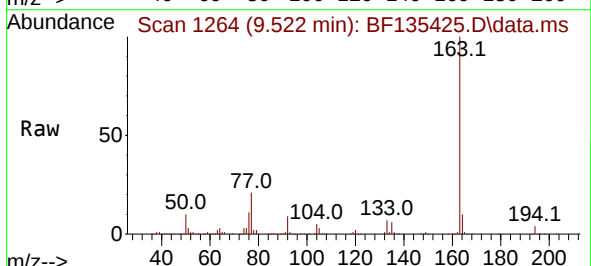
Tgt Ion:163 Resp: 859740

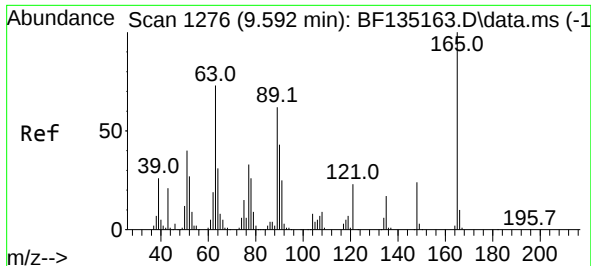
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

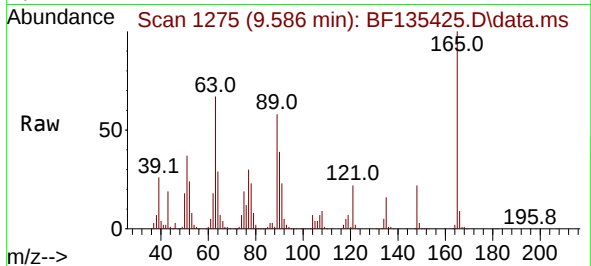
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 41.934 ng
RT: 9.586 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

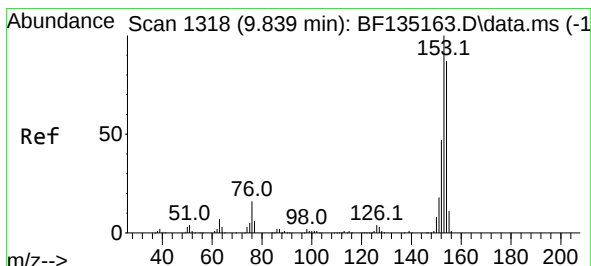
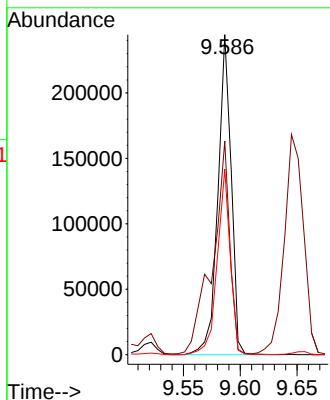
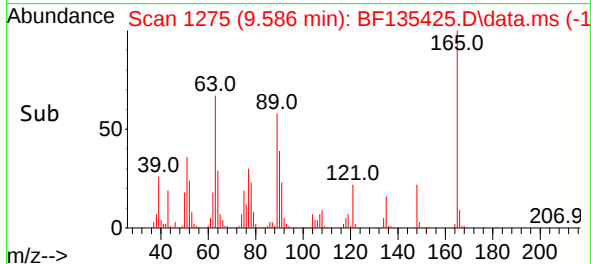
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion:165 Resp: 19871
Ion Ratio Lower Upper
165 100
63 66.8 59.4 89.2
89 58.0 49.8 74.8

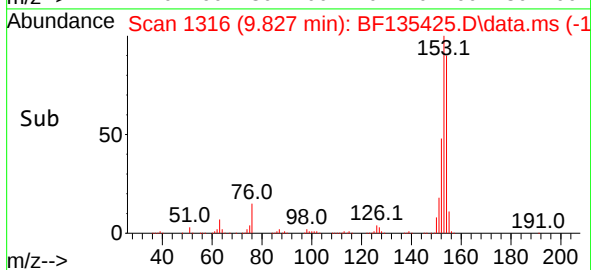
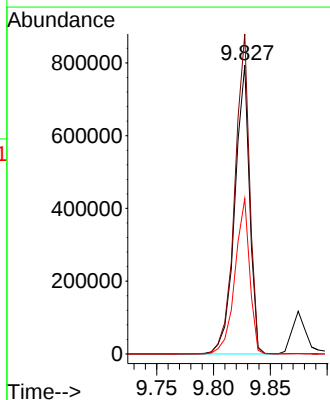
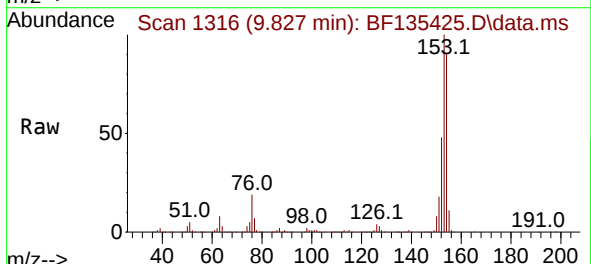
Manual Integrations
APPROVED

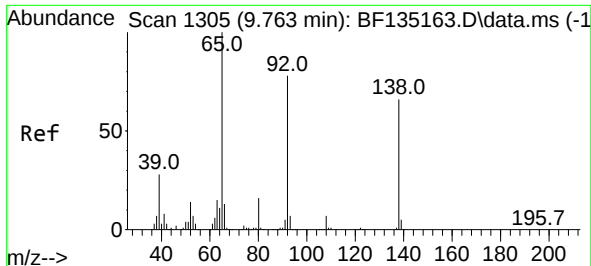
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#52
Acenaphthene
Concen: 41.031 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:154 Resp: 718616
Ion Ratio Lower Upper
154 100
153 110.8 92.1 138.1
152 53.7 43.1 64.7





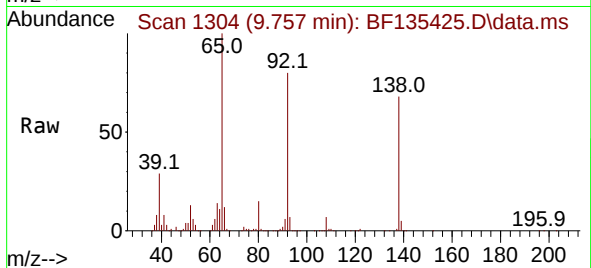
#53
3-Nitroaniline
Concen: 33.265 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

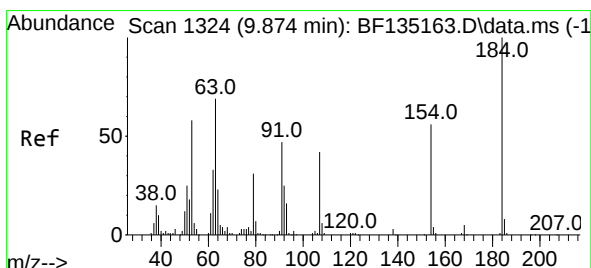
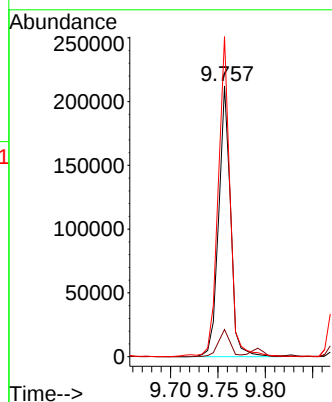
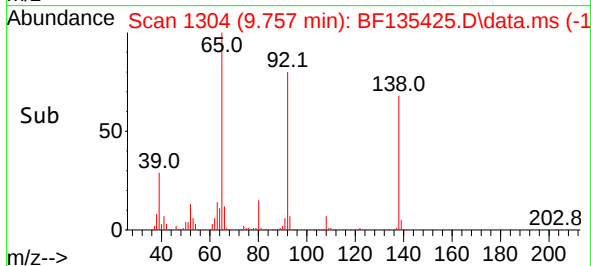


Tgt Ion:138 Resp: 18503
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 118.2 95.4 143.0

Manual Integrations

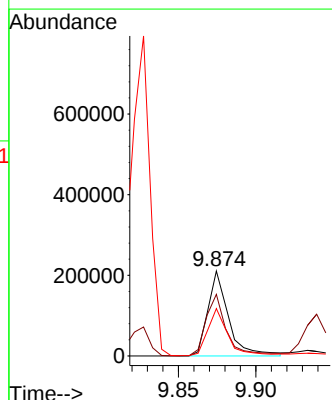
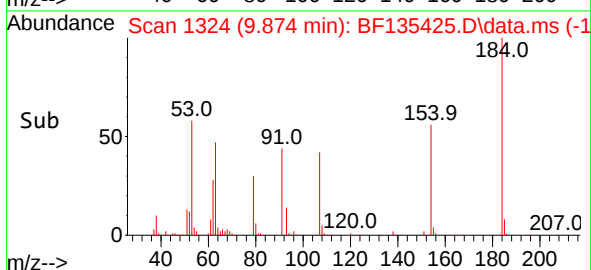
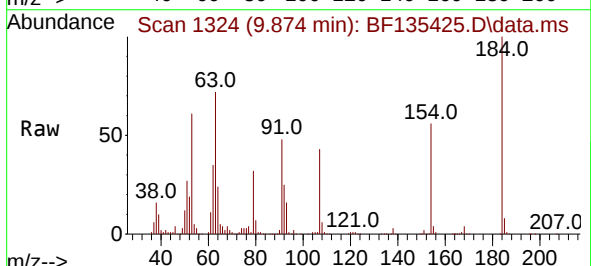
APPROVED

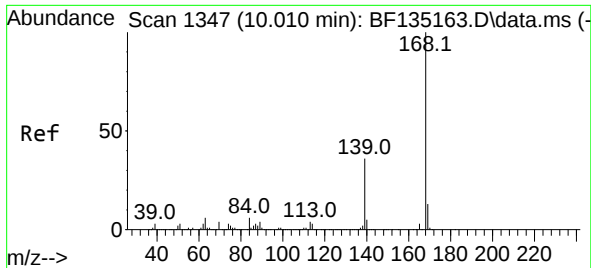
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#54
2,4-Dinitrophenol
Concen: 73.323 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

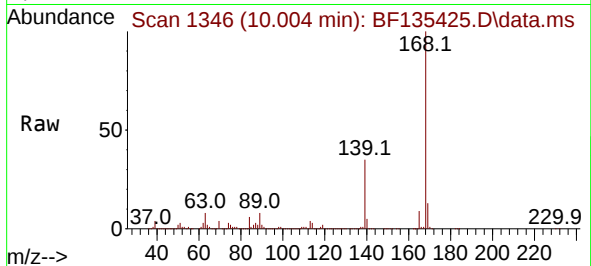
Tgt Ion:184 Resp: 195725
Ion Ratio Lower Upper
184 100
63 72.4 55.1 82.7
154 55.8 48.4 72.6





#55
Dibenzenofuran
Concen: 38.278 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

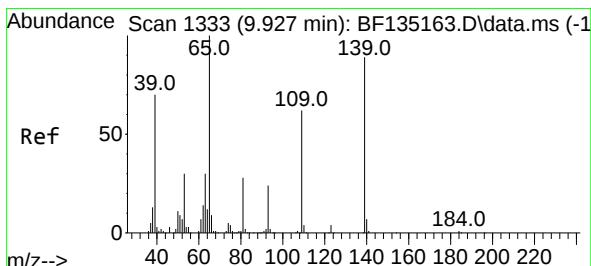
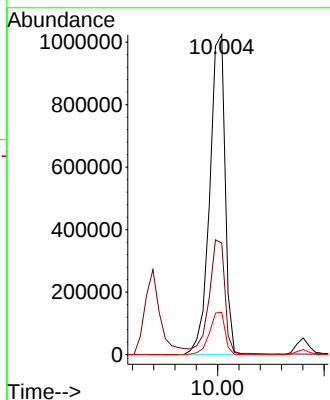
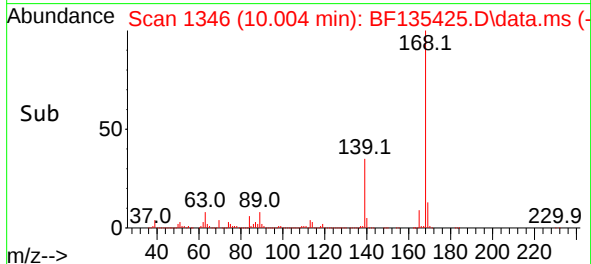
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion:168 Resp: 1023034
Ion Ratio Lower Upper
168 100
139 34.9 29.0 43.6
169 13.3 10.4 15.6

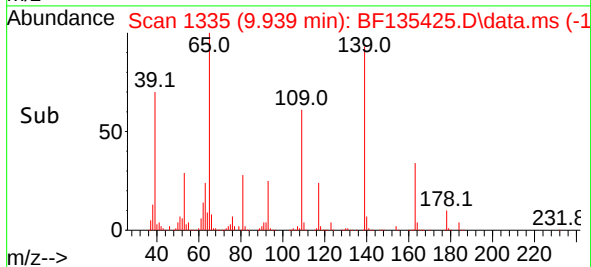
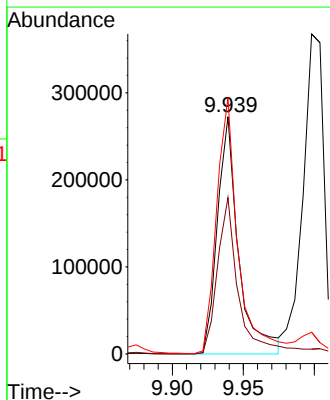
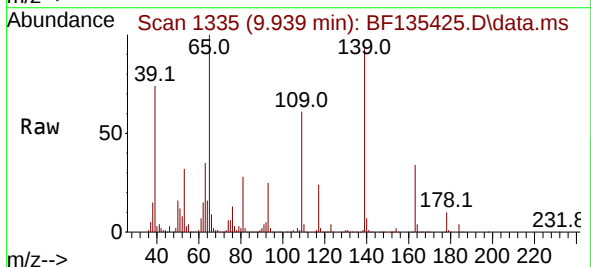
Manual Integrations
APPROVED

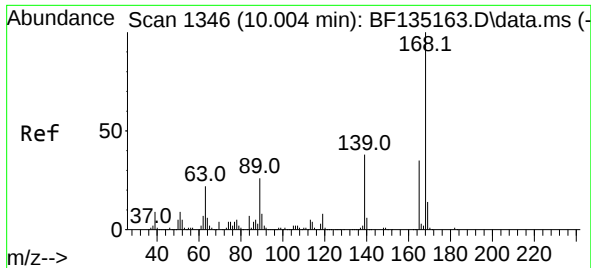
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#56
4-Nitrophenol
Concen: 79.731 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:139 Resp: 281865
Ion Ratio Lower Upper
139 100
109 65.9 49.8 89.8
65 108.1 92.7 132.7





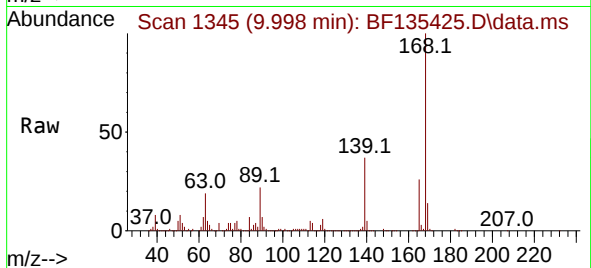
#57
2,4-Dinitrotoluene
Concen: 38.610 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

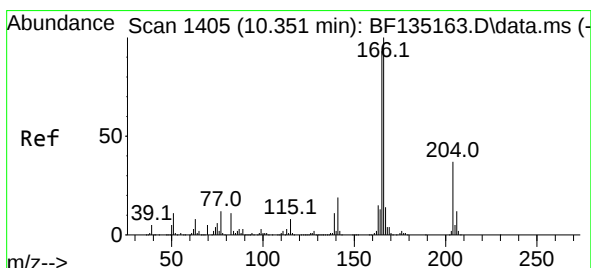
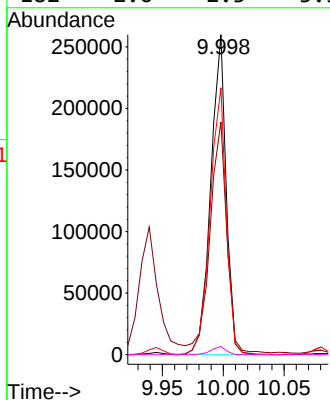
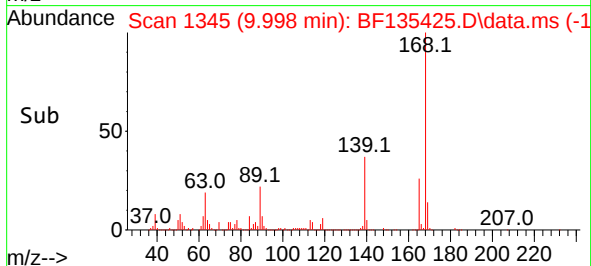


Tgt Ion:165 Resp: 229040
Ion Ratio Lower Upper
165 100
63 72.7 50.1 75.1
89 83.4 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

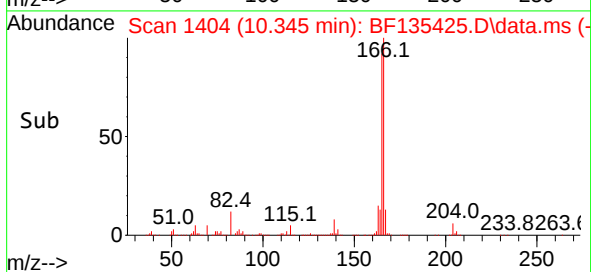
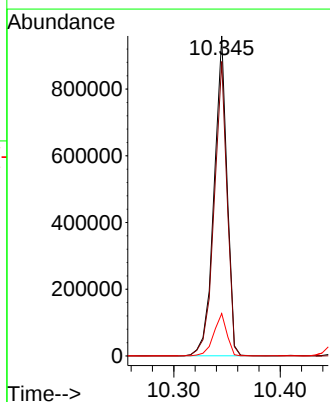
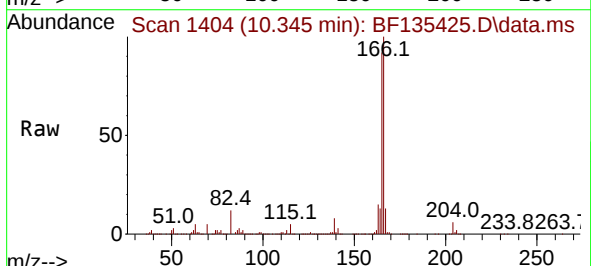
APPROVED

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



#58
Fluorene
Concen: 39.555 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

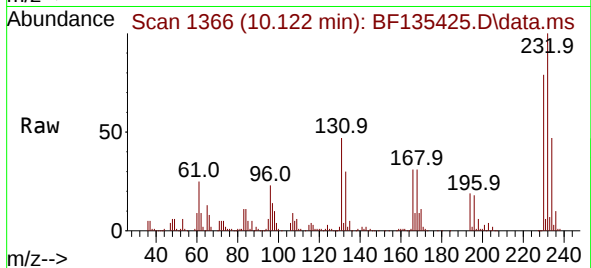
Tgt Ion:166 Resp: 812694
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.178 ng
RT: 10.122 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

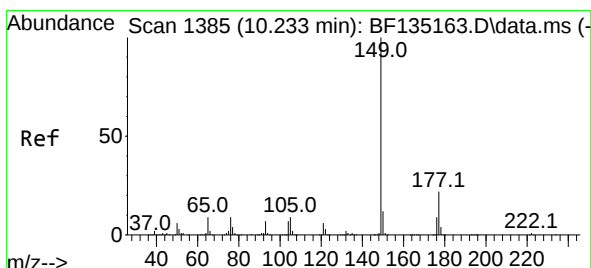
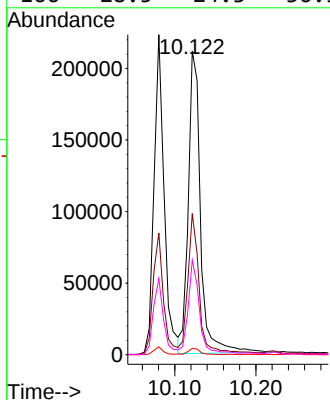
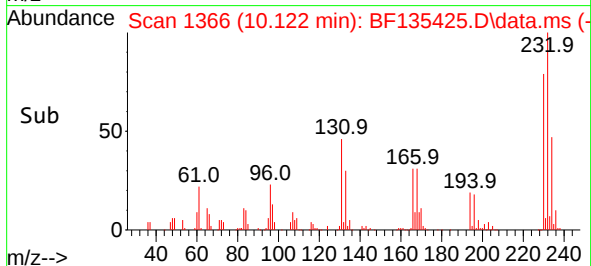
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion:232 Resp: 221370
Ion Ratio Lower Upper
232 100
131 42.4 35.4 53.2
130 2.3 1.8 2.8
166 28.5 24.3 36.5

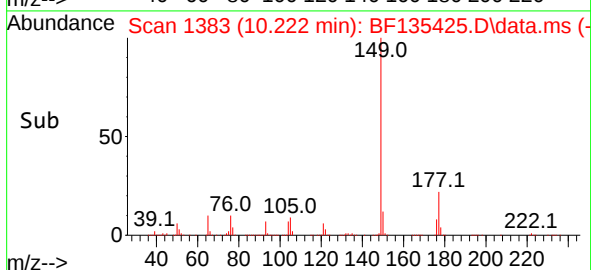
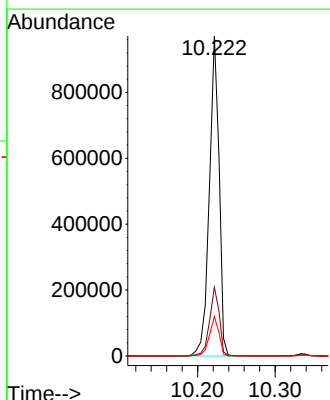
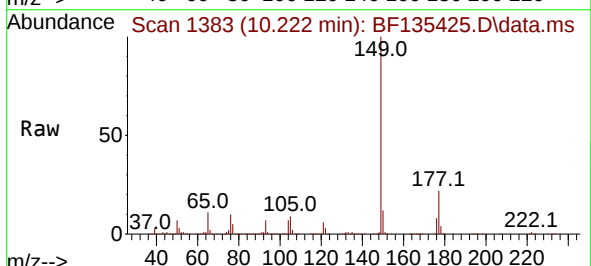
Manual Integrations
APPROVED

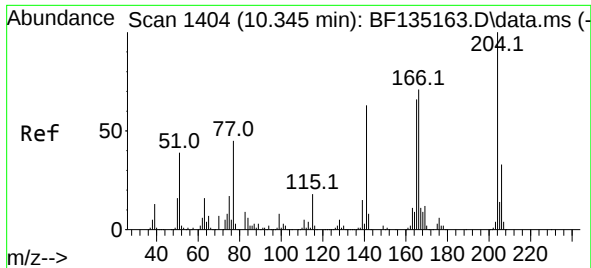
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#60
Diethylphthalate
Concen: 39.033 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

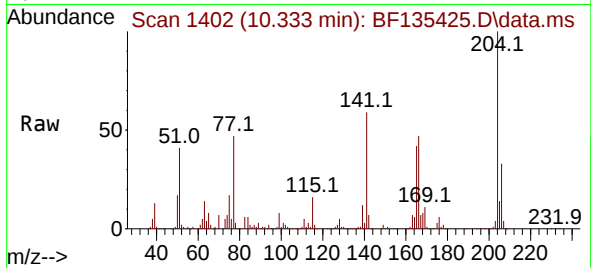
Tgt Ion:149 Resp: 847366
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.599 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

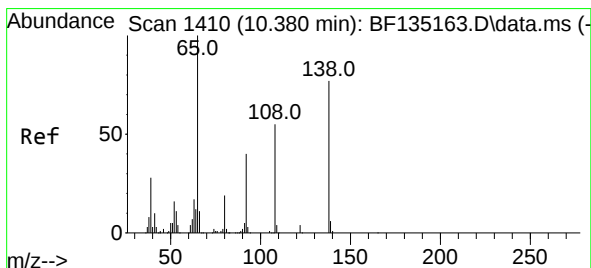
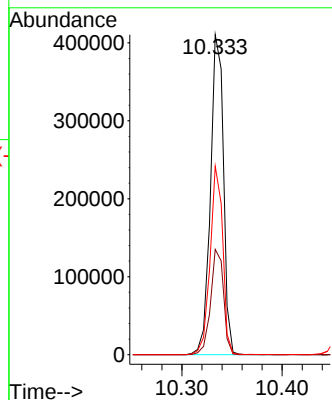
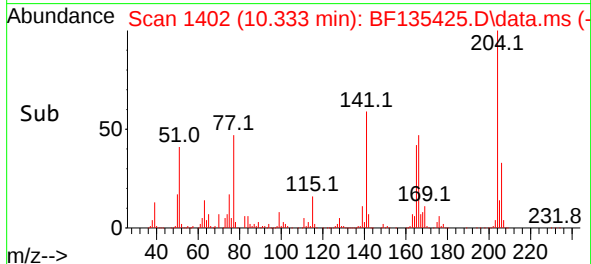
Instrument :
BNA_F
ClientSampleId :
PB155763BS



Tgt Ion:204 Resp: 371089
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 58.9 50.6 75.8

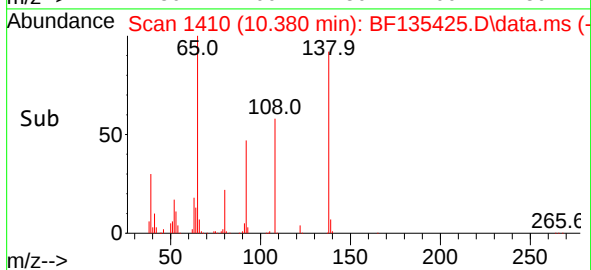
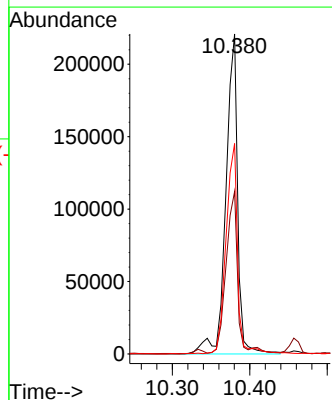
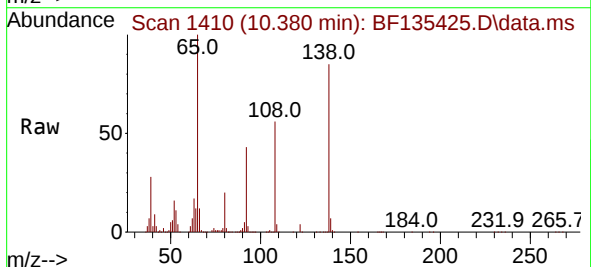
Manual Integrations
APPROVED

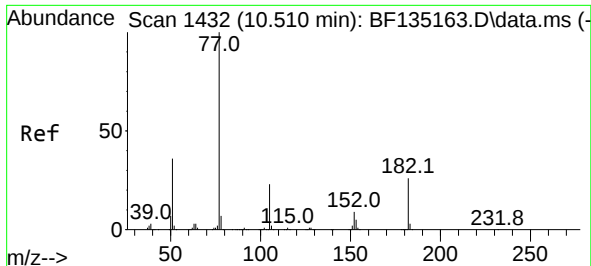
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#62
4-Nitroaniline
Concen: 43.657 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:138 Resp: 233426
Ion Ratio Lower Upper
138 100
92 50.8 31.8 71.8
108 65.7 52.0 92.0





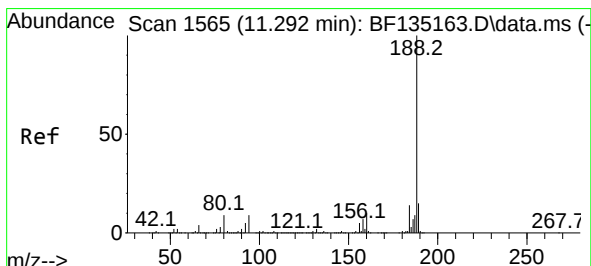
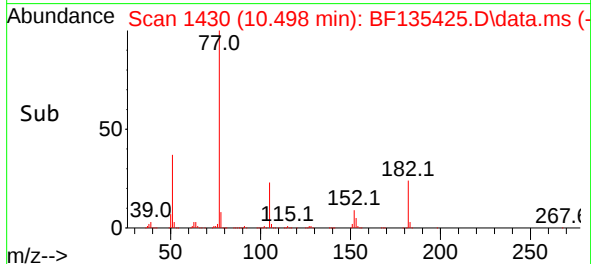
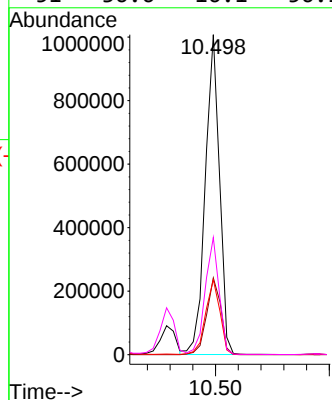
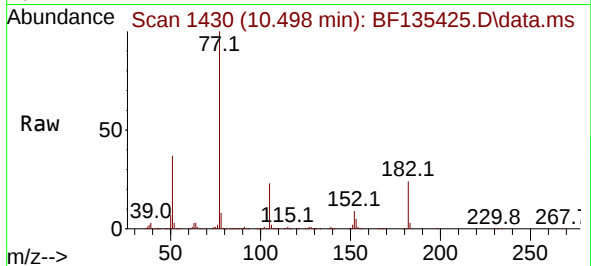
#63
Azobenzene
Concen: 41.095 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155763BS

Tgt Ion: 77 Resp: 873100
Ion Ratio Lower Upper
77 100
182 24.0 6.4 46.4
105 23.5 3.1 43.1
51 36.6 16.1 56.1

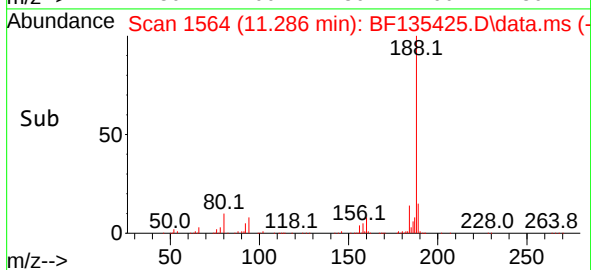
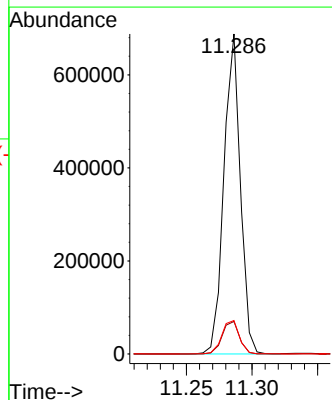
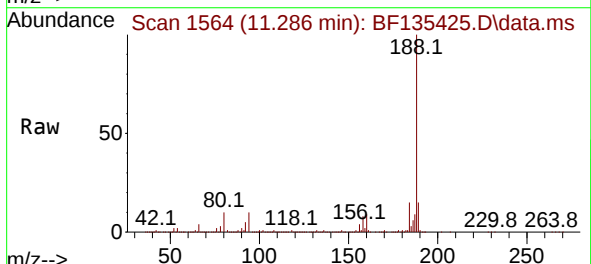
Manual Integrations
APPROVED

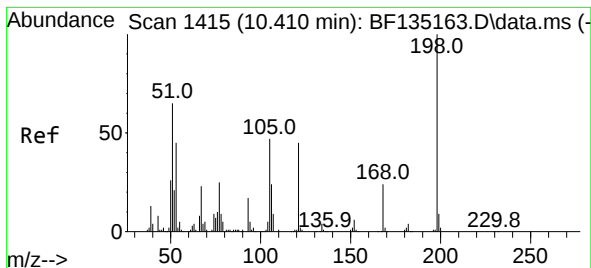
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:188 Resp: 597688
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.4 7.5 11.3





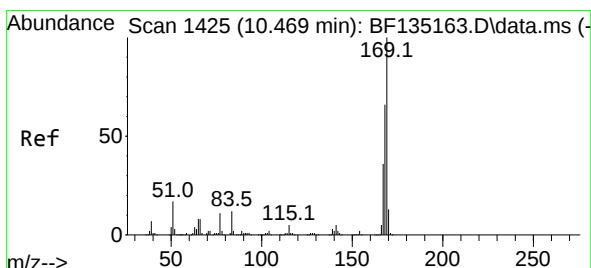
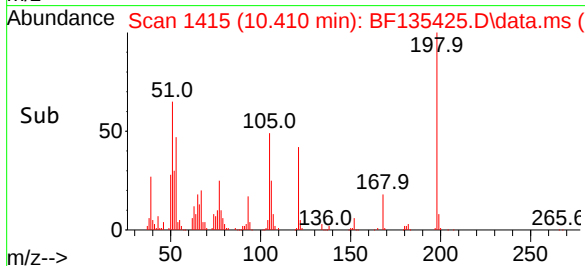
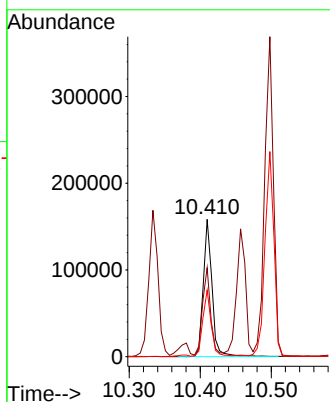
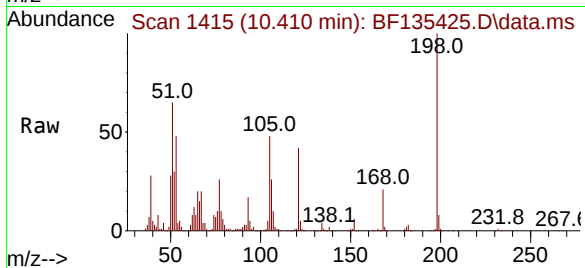
#65
4,6-Dinitro-2-methylphenol
Concen: 43.013 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155763BS

Tgt Ion:198 Resp: 136544
Ion Ratio Lower Upper
198 100
51 64.8 47.7 87.7
105 48.5 27.4 67.4

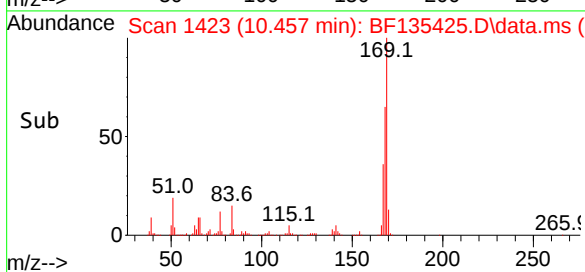
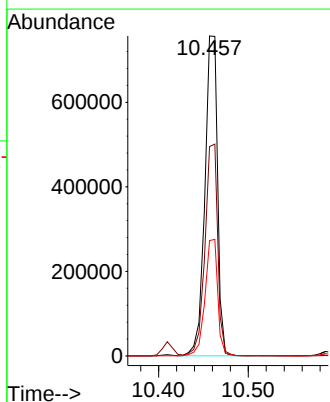
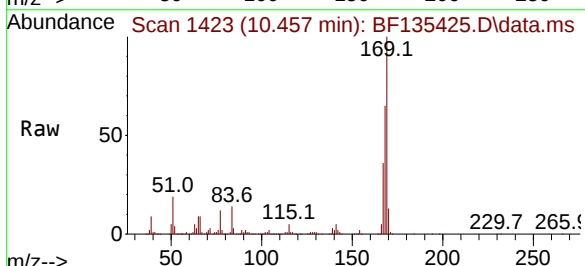
Manual Integrations
APPROVED

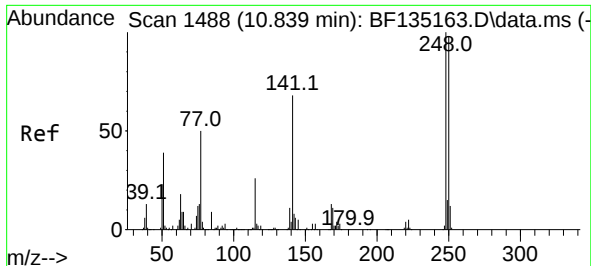
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#66
n-Nitrosodiphenylamine
Concen: 41.102 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:169 Resp: 743735
Ion Ratio Lower Upper
169 100
168 65.4 52.8 79.2
167 36.1 29.0 43.6





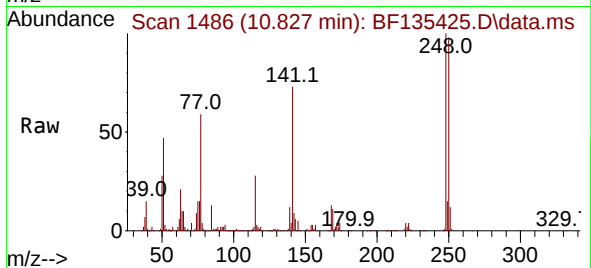
#67
4-Bromophenyl-phenylether
Concen: 38.984 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

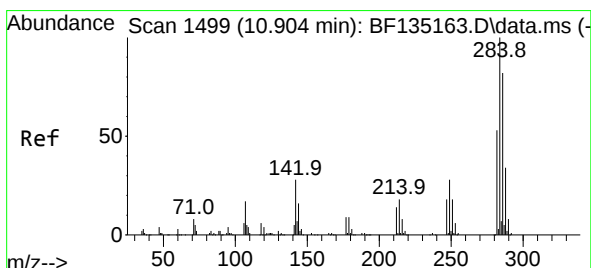
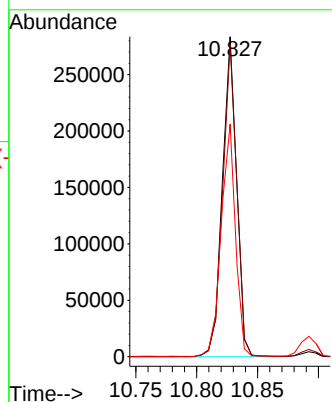
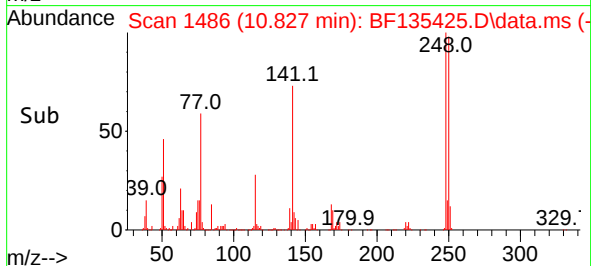


Tgt Ion:248 Resp: 231730
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 72.6 54.2 81.2

Manual Integrations

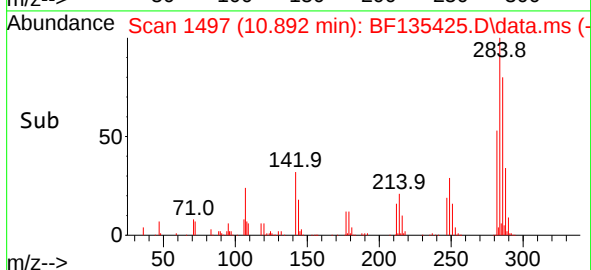
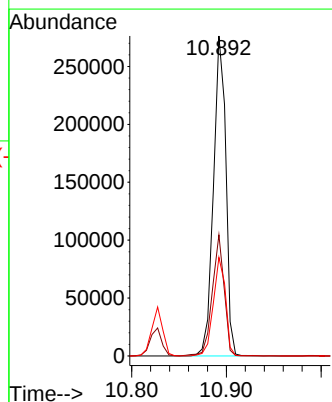
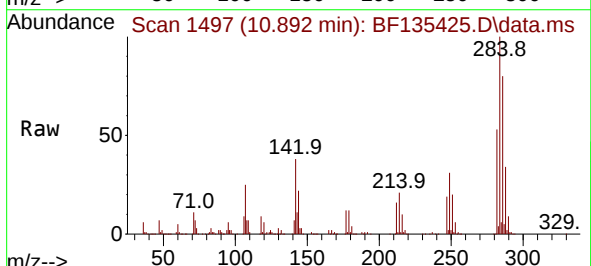
APPROVED

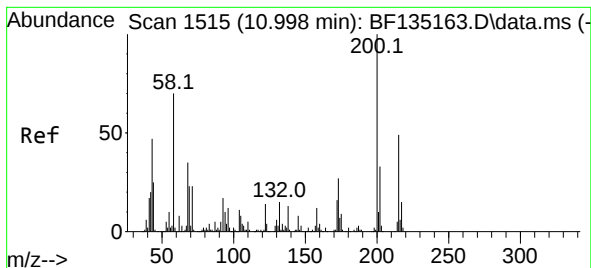
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#68
Hexachlorobenzene
Concen: 41.279 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:284 Resp: 249989
Ion Ratio Lower Upper
284 100
142 37.9 22.2 33.4#
249 30.8 22.5 33.7





#69

Atrazine

Concen: 46.147 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF135425.D

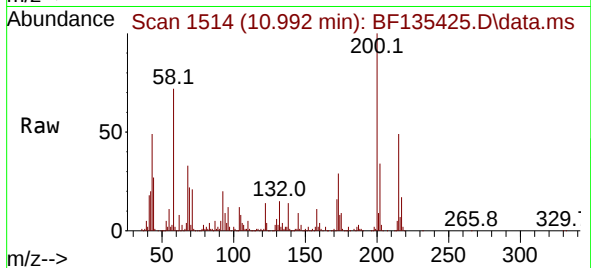
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



Tgt Ion:200 Resp: 224680

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

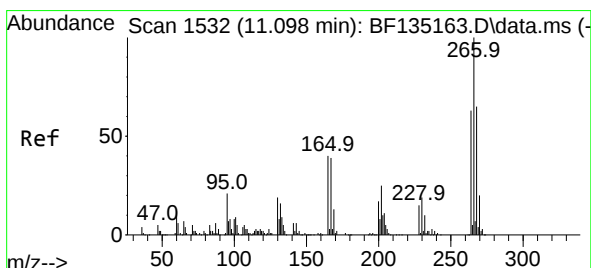
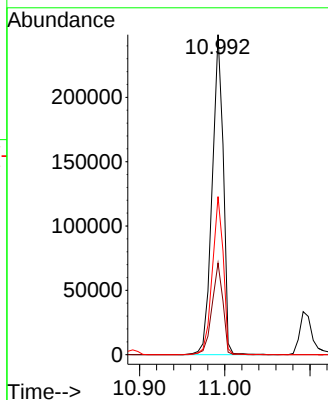
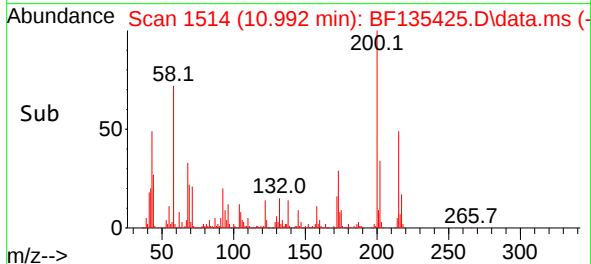
215 49.4 28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#70

Pentachlorophenol

Concen: 58.152 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

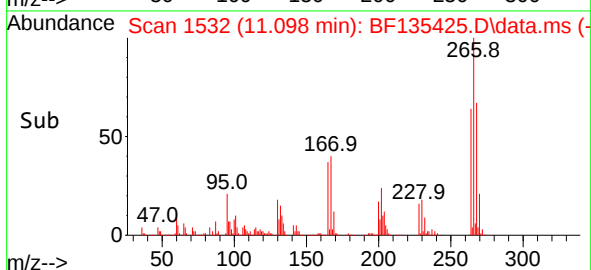
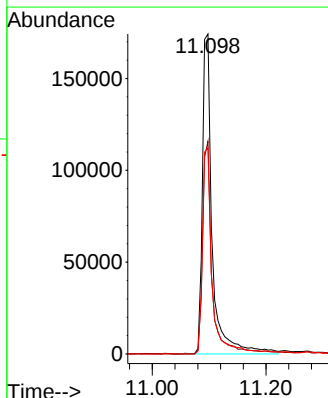
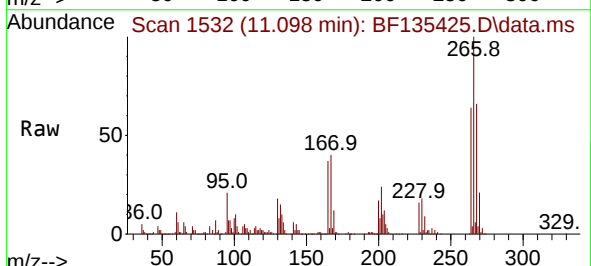
Tgt Ion:266 Resp: 210704

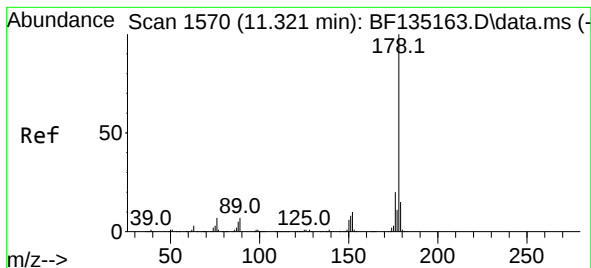
Ion Ratio Lower Upper

266 100

268 66.5 52.1 78.1

264 64.4 50.8 76.2





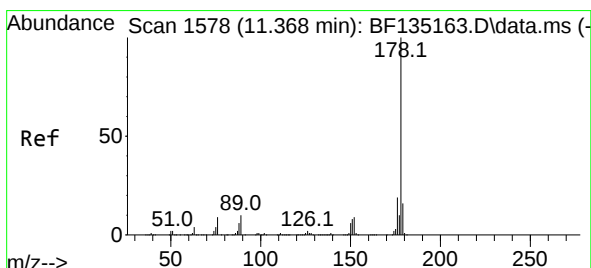
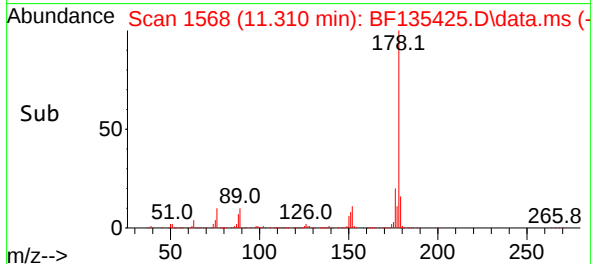
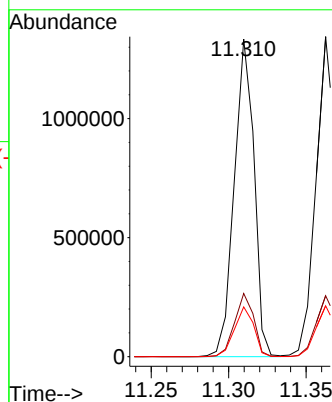
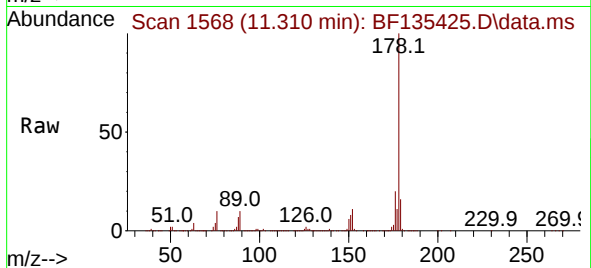
#71
Phenanthrene
Concen: 41.951 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155763BS

Tgt Ion:178 Resp: 1185864
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.6 12.0 18.0

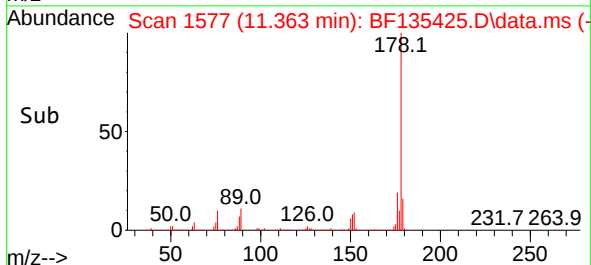
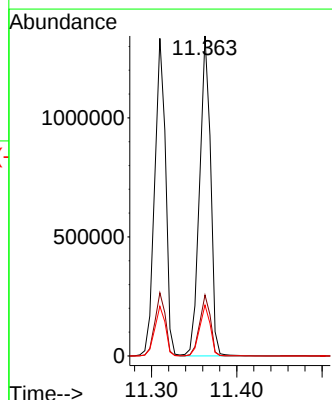
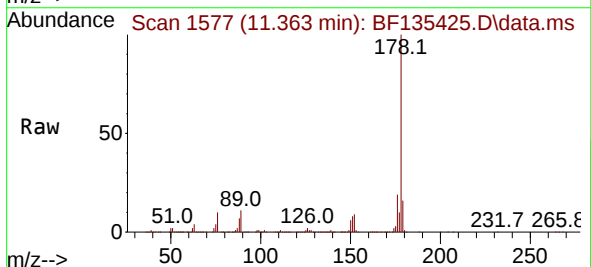
Manual Integrations
APPROVED

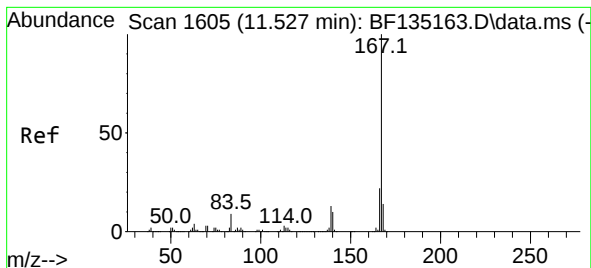
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#72
Anthracene
Concen: 41.409 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:178 Resp: 1203205
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 44.956 ng

RT: 11.521 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

Tgt Ion:167 Resp: 118911

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

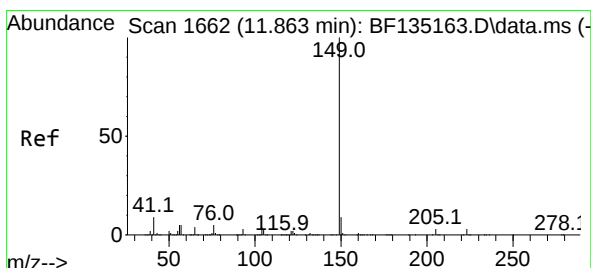
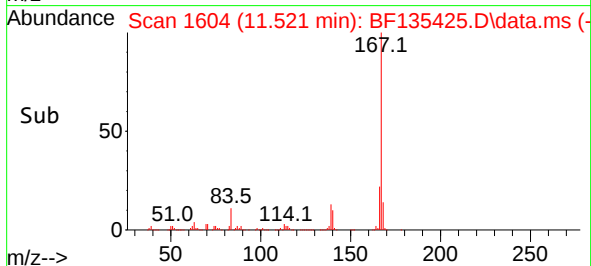
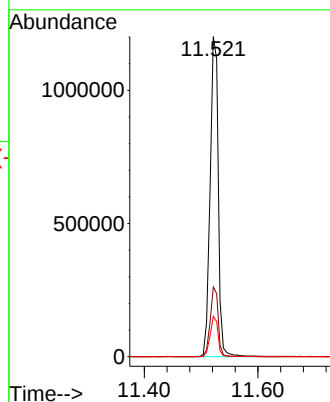
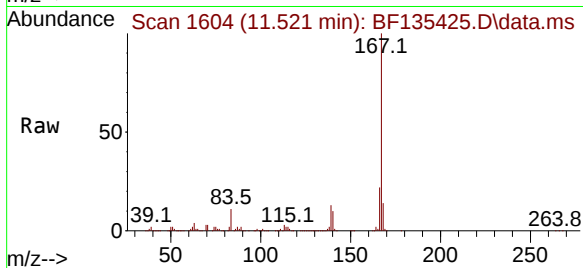
139 12.6 10.6 15.8

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: 40.972 ng

RT: 11.851 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

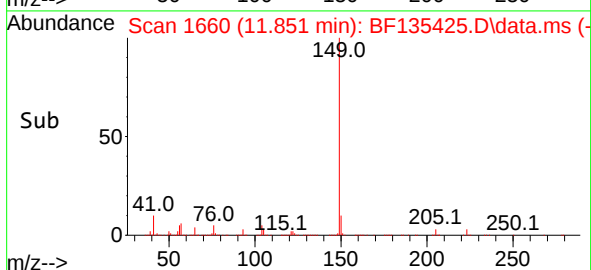
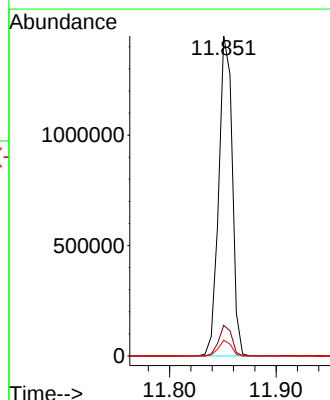
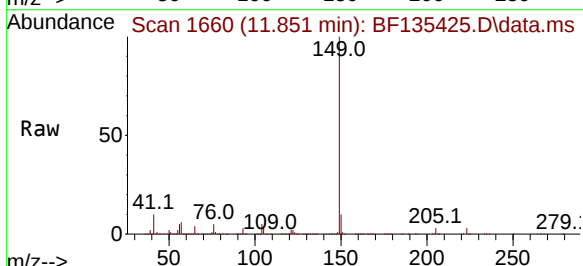
Tgt Ion:149 Resp: 1277038

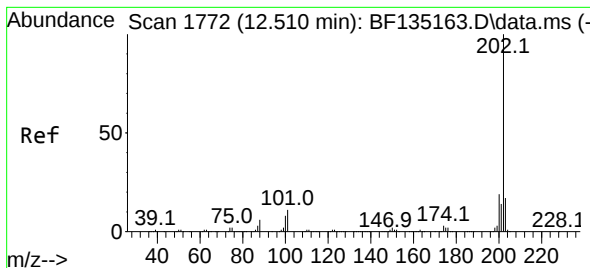
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 43.333 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BF135425.D

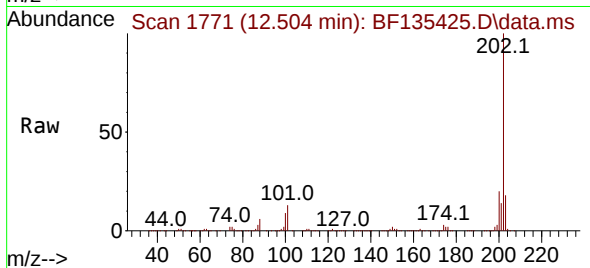
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



Tgt Ion:202 Resp: 1276374

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.3

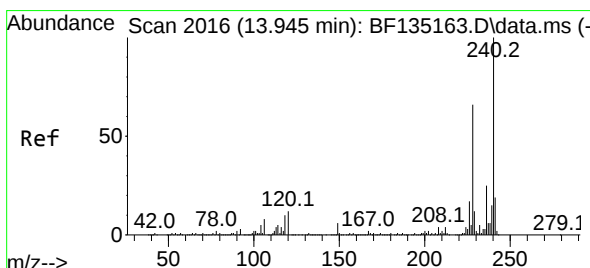
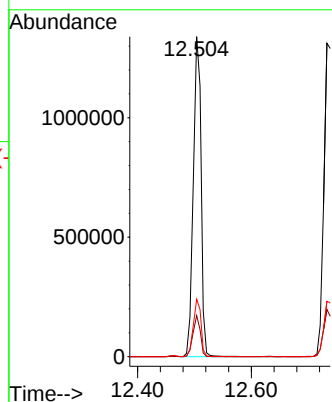
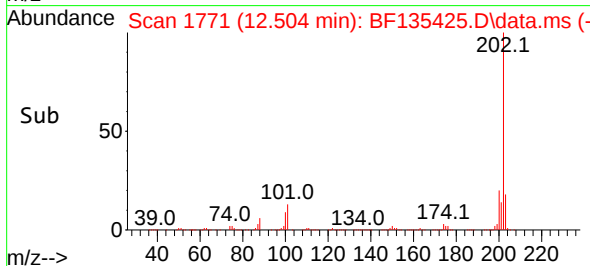
203 17.9 0.0 37.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

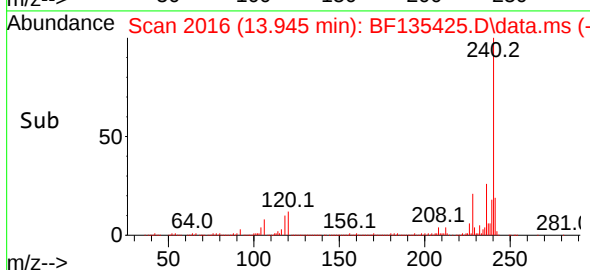
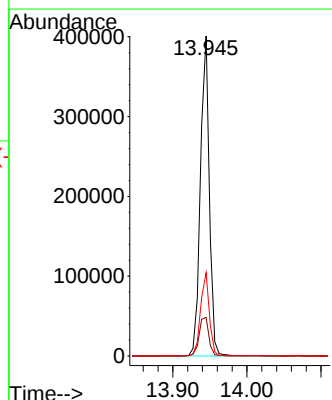
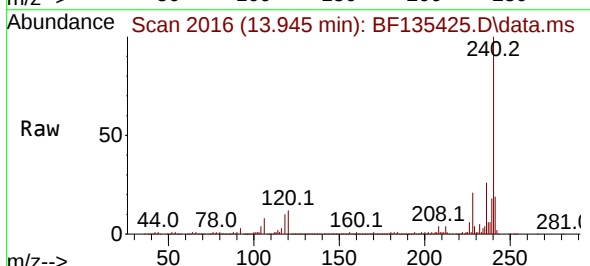
Tgt Ion:240 Resp: 332743

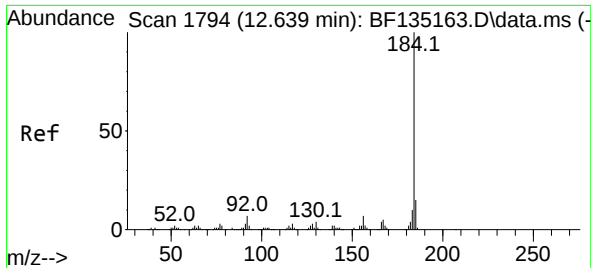
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 26.0 19.8 29.8





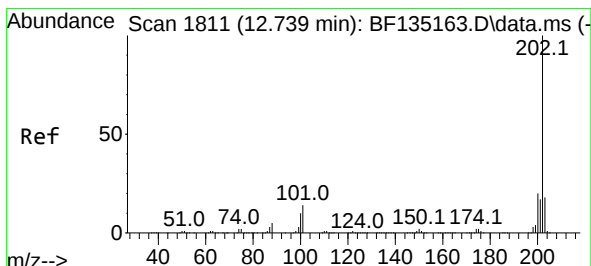
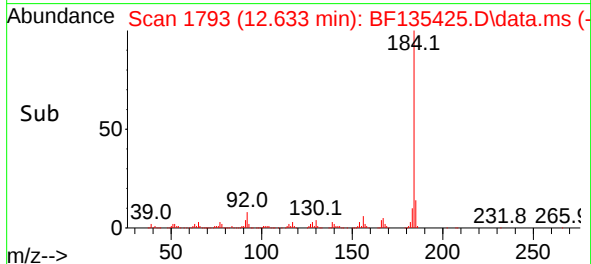
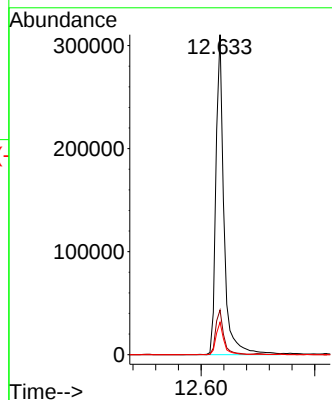
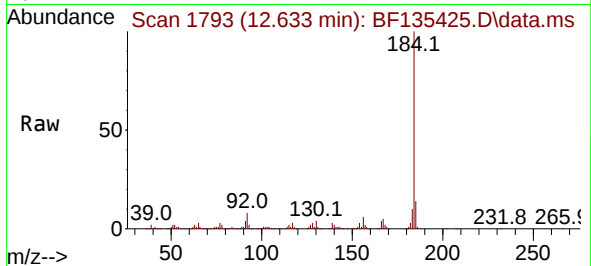
#77
Benzidine
Concen: 44.889 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155763BS

Tgt Ion:184 Resp: 305999
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.2 8.2 12.4

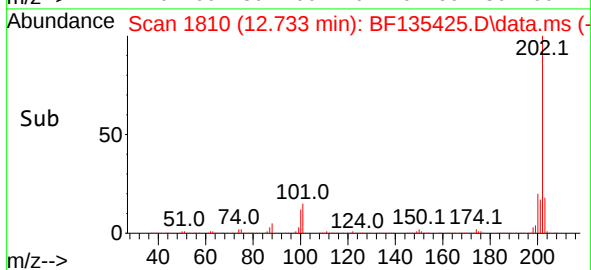
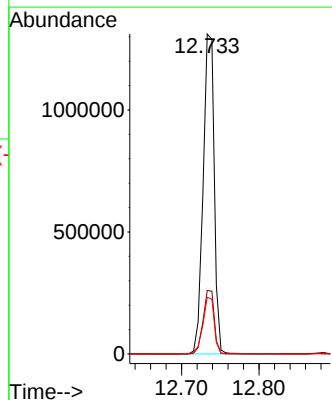
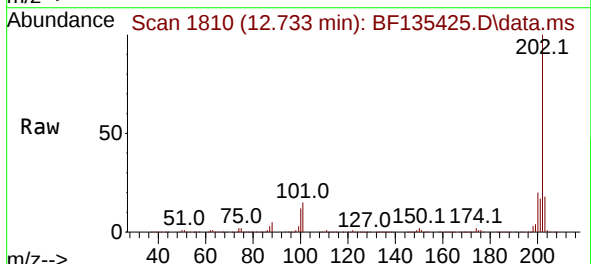
Manual Integrations
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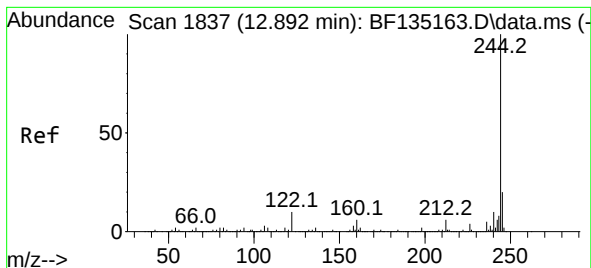
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#78
Pyrene
Concen: 41.243 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:202 Resp: 1306556
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 70.710 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135425.D

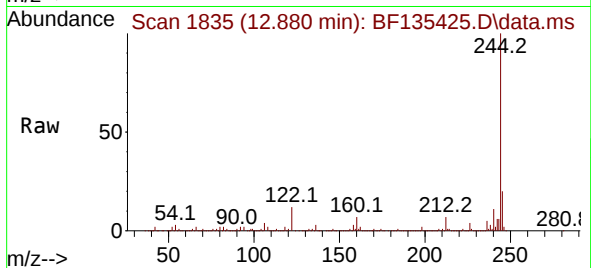
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS



Tgt Ion:244 Resp: 1517764

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

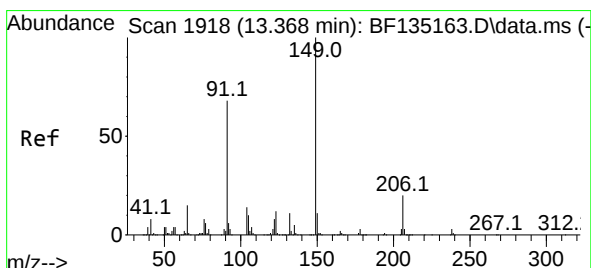
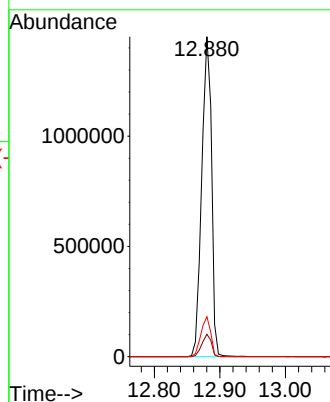
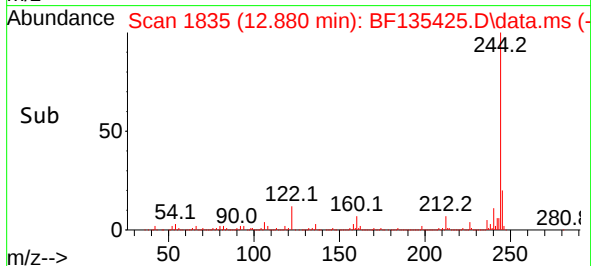
122 12.5 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#80

Butylbenzylphthalate

Concen: 45.101 ng

RT: 13.357 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

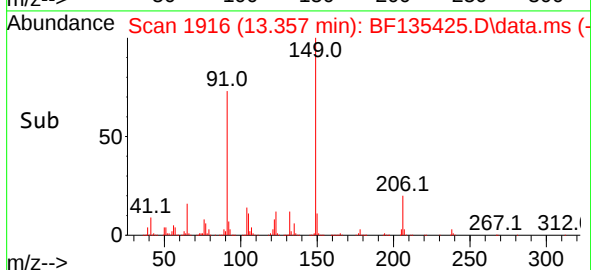
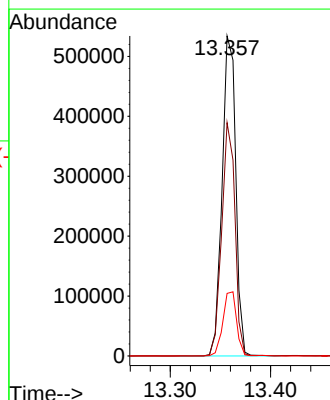
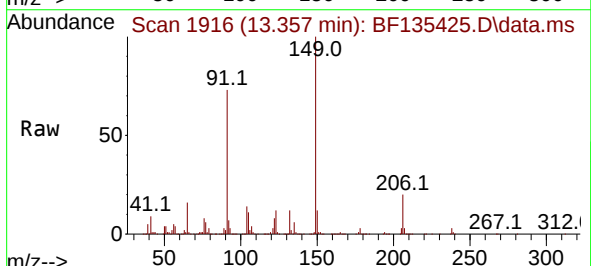
Tgt Ion:149 Resp: 503046

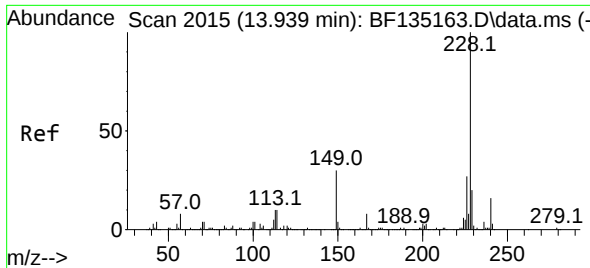
Ion Ratio Lower Upper

149 100

91 72.9 54.7 82.1

206 19.5 16.3 24.5





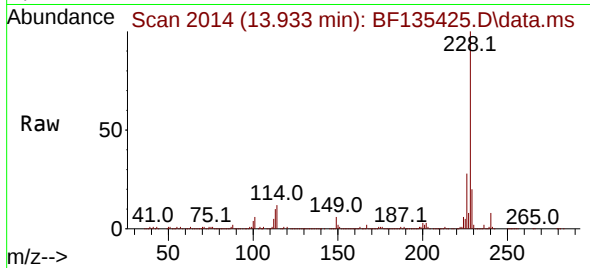
#81
Benzo(a)anthracene
Concen: 42.094 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

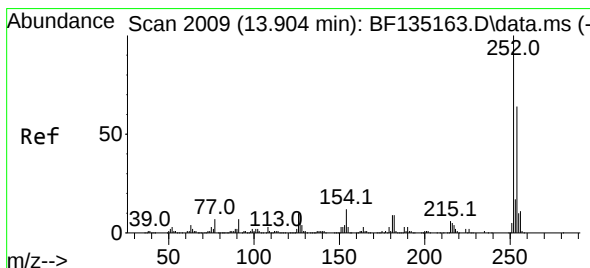
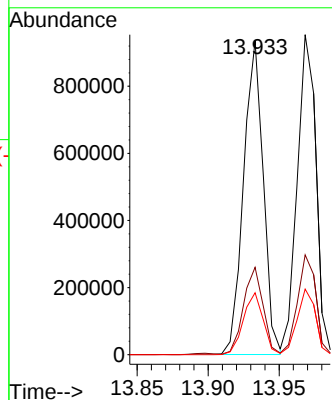
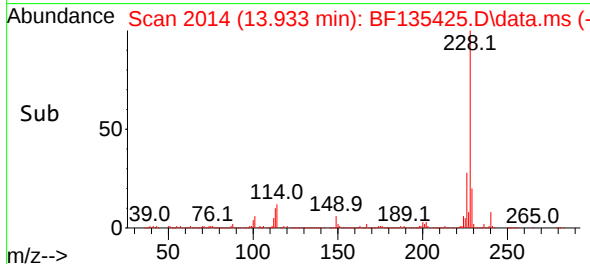


Tgt Ion:228 Resp: 90442
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.7 15.8 23.8

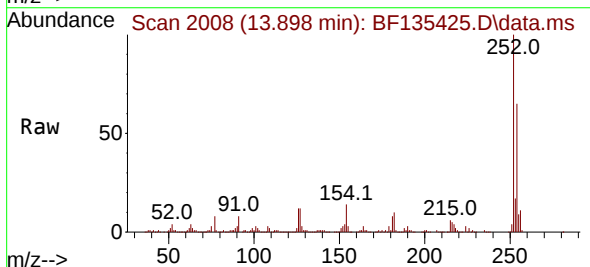
Manual Integrations

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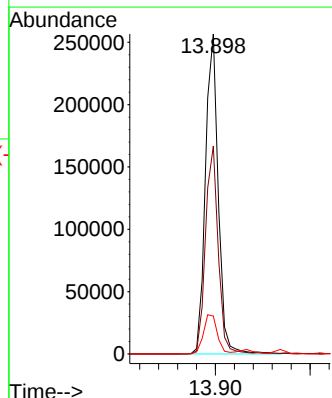
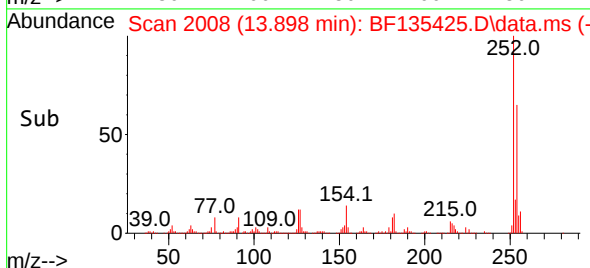
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

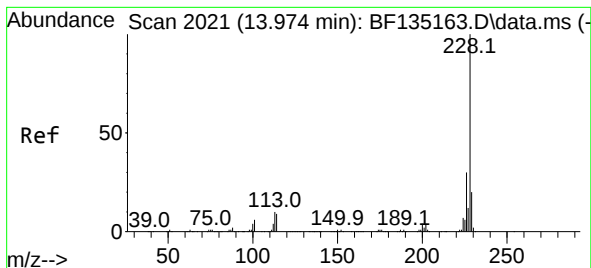


#82
3,3'-Dichlorobenzidine
Concen: 35.795 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12



Tgt Ion:252 Resp: 240228
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 11.9 7.8 11.8





#83

Chrysene

Concen: 41.115 ng

RT: 13.968 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

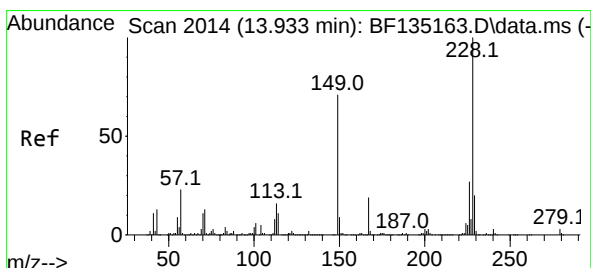
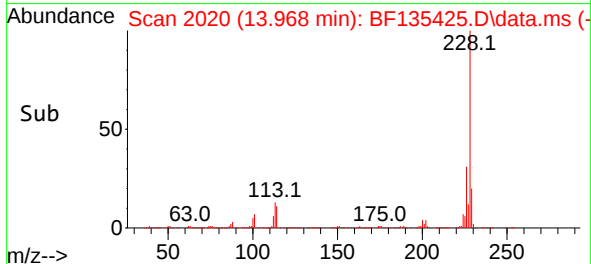
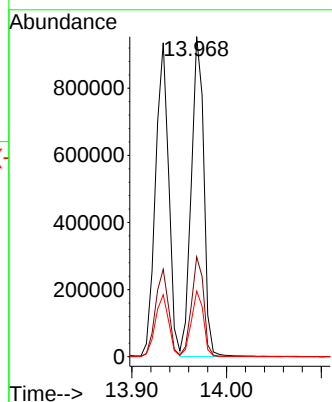
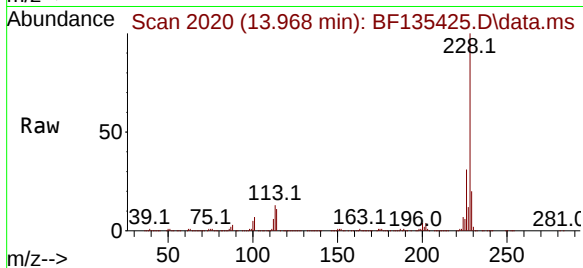
Tgt Ion:	228	Resp:	87830
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.3	36.5
229	20.5	16.0	24.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.441 ng

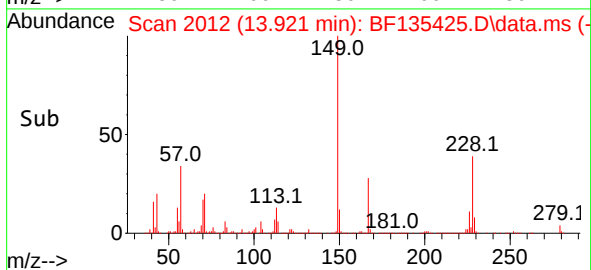
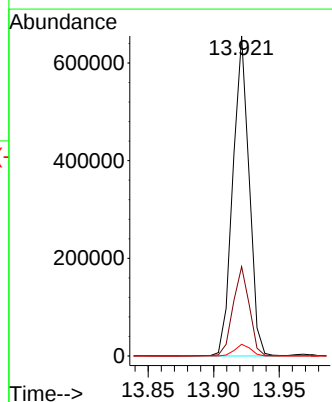
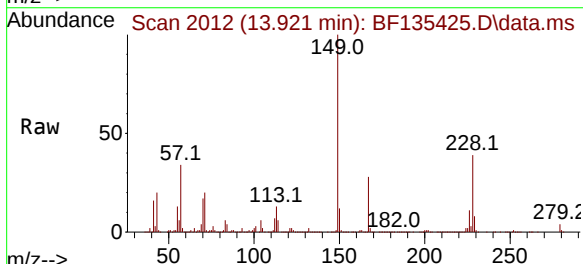
RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Tgt Ion:	149	Resp:	565899
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.9	32.9
279	3.6	3.3	4.9





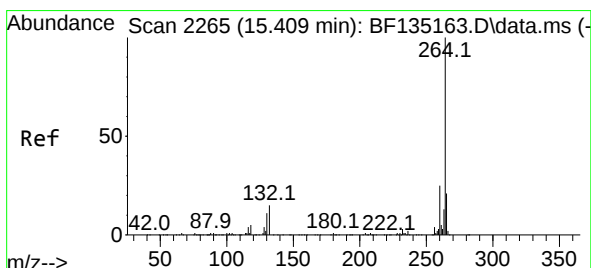
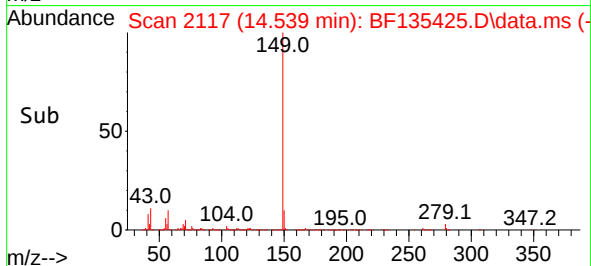
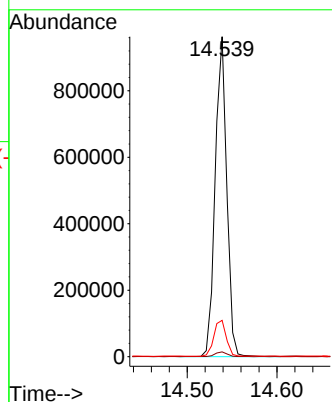
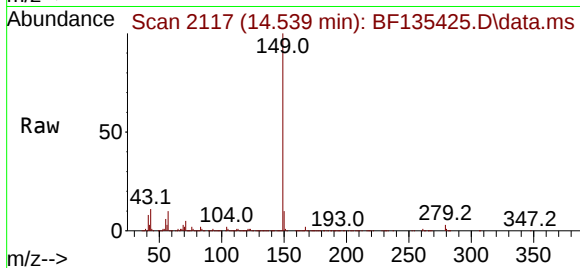
#85
Di-n-octyl phthalate
Concen: 47.233 ng
RT: 14.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :
BNA_F
ClientSampleId :
PB155763BS

Tgt Ion:149 Resp: 85914
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.1 9.8 14.6

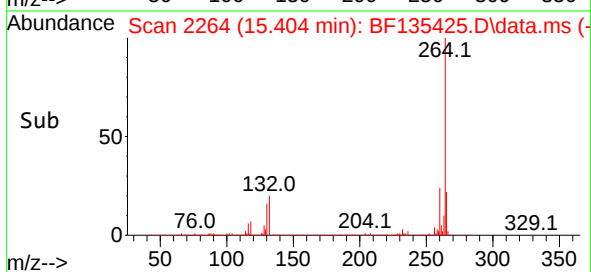
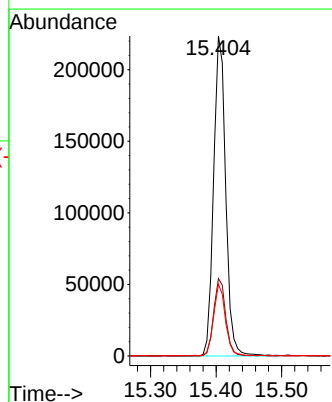
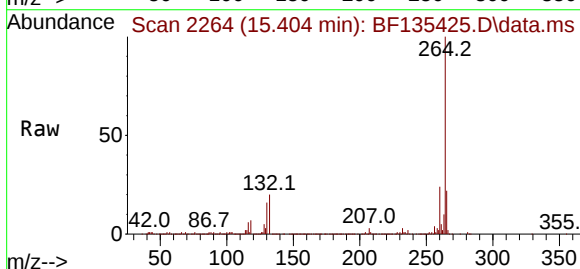
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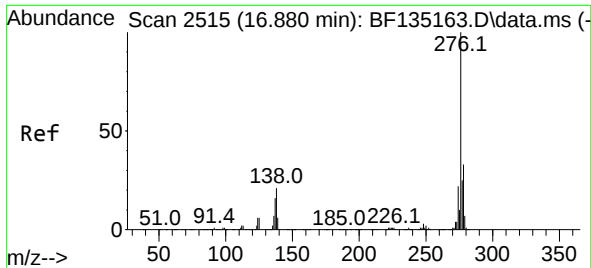
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:264 Resp: 286706
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.941 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

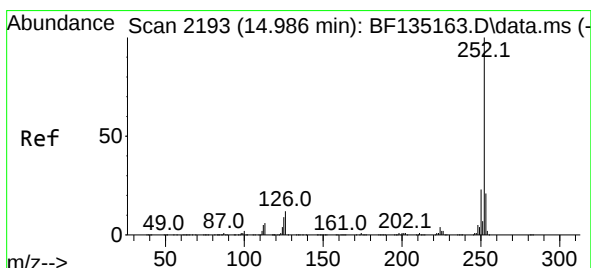
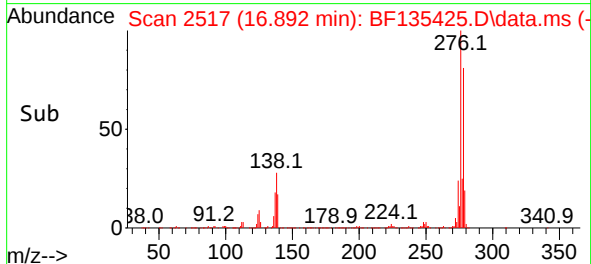
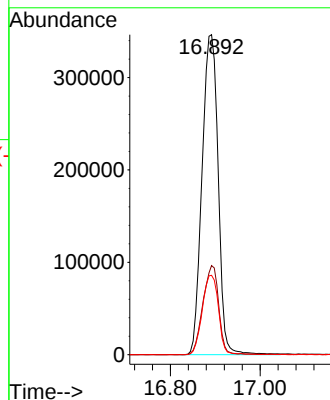
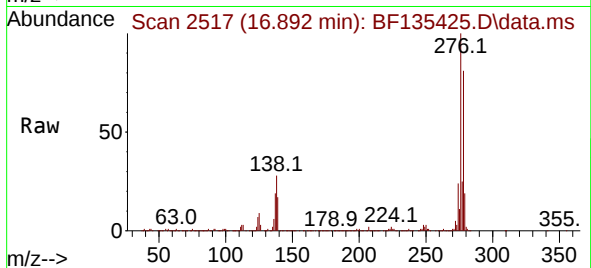
ClientSampleId :

PB155763BS

Tgt Ion:276 Resp: 863620
Ion Ratio Lower Upper
276 100
138 27.3 19.2 28.8
277 25.0 19.7 29.5

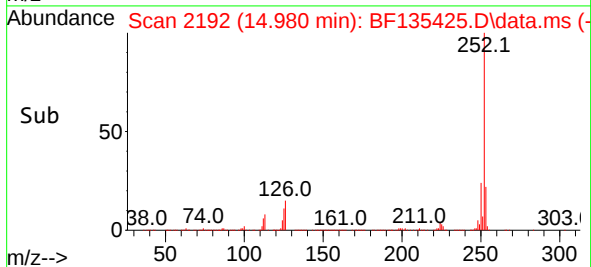
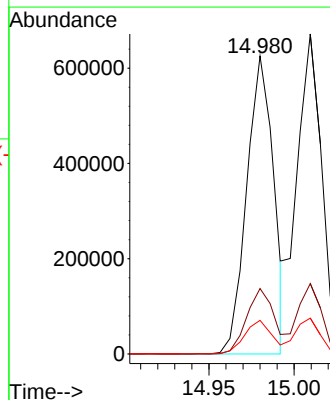
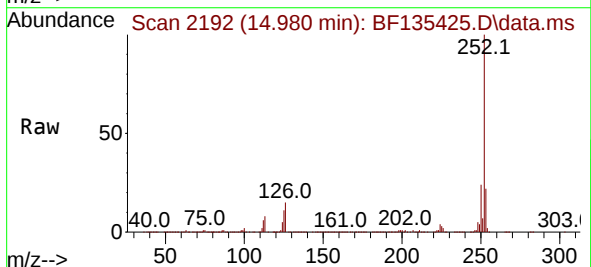
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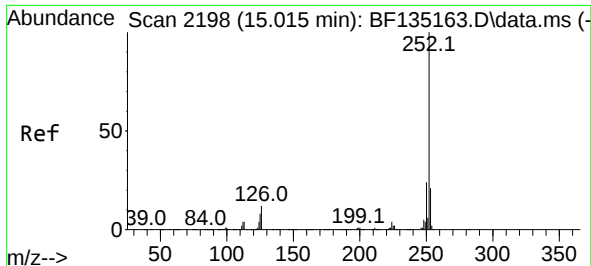
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023



#88
Benzo(b)fluoranthene
Concen: 44.324 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:252 Resp: 687922
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.3 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 44.869 ng

RT: 15.009 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

PB155763BS

Tgt Ion:252 Resp: 68790

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

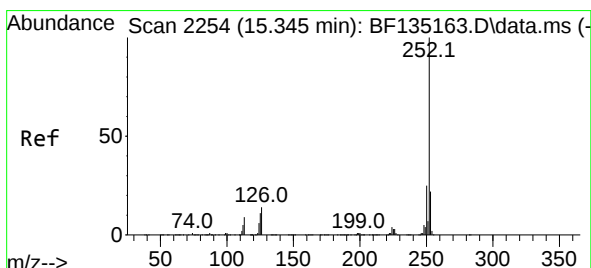
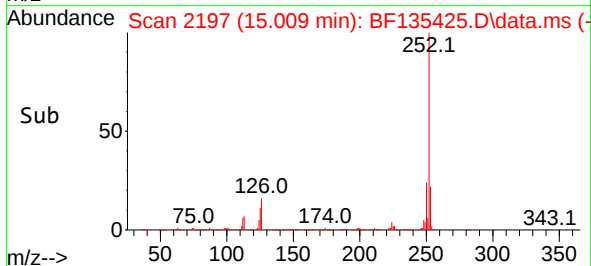
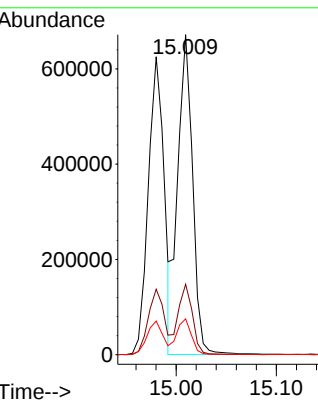
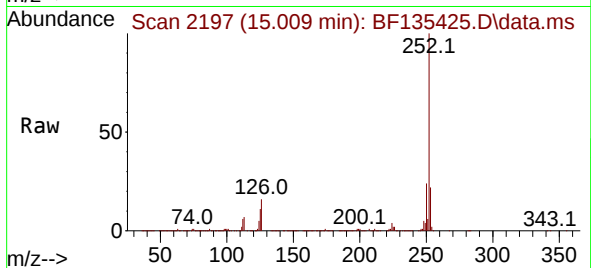
125 11.2 7.2 10.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Jagrut Upadhyay 09/26/2023



#90

Benzo(a)pyrene

Concen: 42.863 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BF135425.D

Acq: 25 Sep 2023 14:12

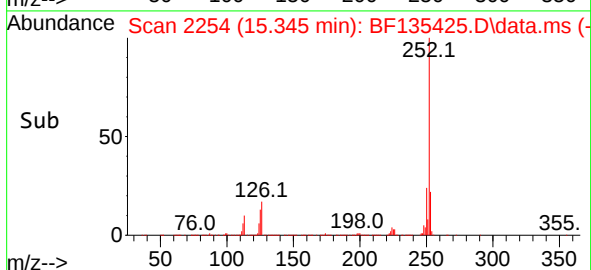
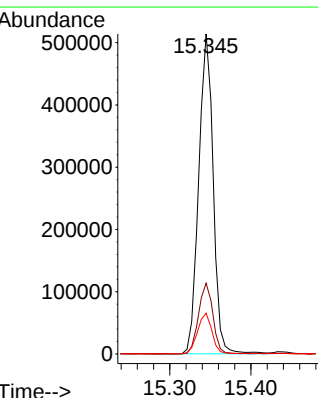
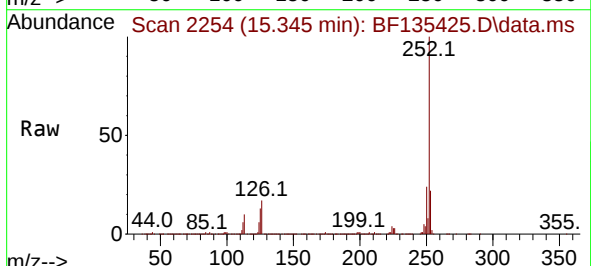
Tgt Ion:252 Resp: 634410

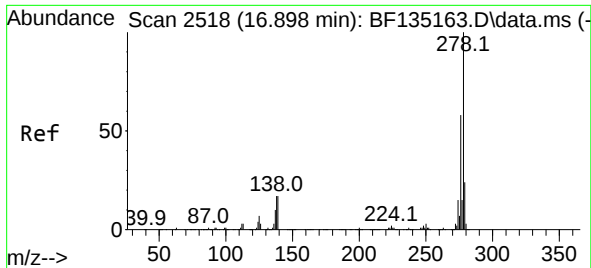
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.8 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.075 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Instrument :

BNA_F

ClientSampleId :

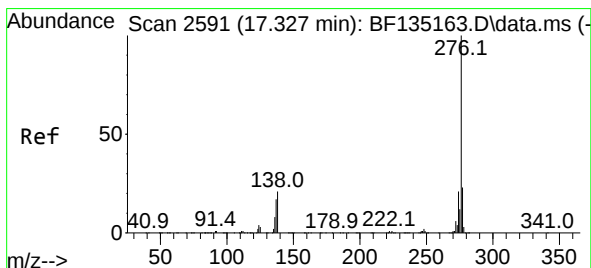
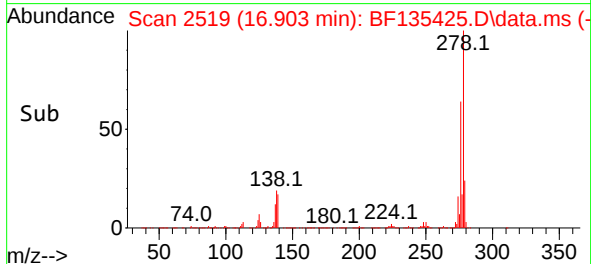
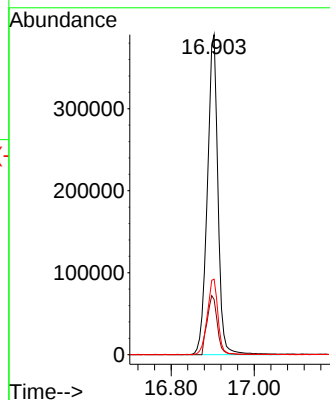
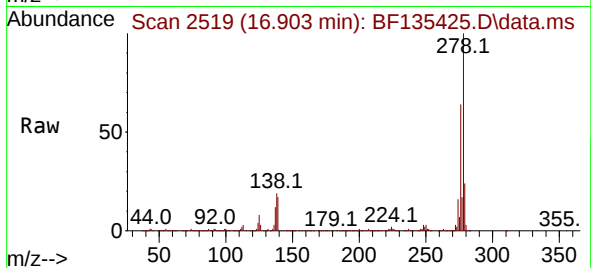
PB155763BS

Tgt Ion:278 Resp: 69330
Ion Ratio Lower Upper
278 100
139 17.2 13.4 20.0
279 23.6 19.0 28.6

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 46.747 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF135425.D
Acq: 25 Sep 2023 14:12

Tgt Ion:276 Resp: 750916
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 23.8 16.9 25.3

