

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139537.D
 Acq On : 25 Sep 2024 19:18
 Operator : RC/JU
 Sample : P4148-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMSD

Quant Time: Sep 26 05:06:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241477	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	134253	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	248273	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	116771	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	122873	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	622582	162.754	ng	0.02
7) Phenol-d6	6.516	99	782733	155.893	ng	0.01
23) Nitrobenzene-d5	7.445	82	601284	117.060	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	244411	171.002	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1099870	114.902	ng	0.00
79) Terphenyl-d14	12.986	244	1034141	145.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	86492	56.357	ng	# 76
3) Pyridine	3.540	79	221734	65.530	ng	96
4) n-Nitrosodimethylamine	3.475	42	162382	55.367	ng	# 82
6) Aniline	6.545	93	263479	69.535	ng	# 86
8) 2-Chlorophenol	6.669	128	252008	63.999	ng	98
9) Benzaldehyde	6.428	77	17689	6.098	ng	96
10) Phenol	6.534	94	304083	59.463	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	262715	67.592	ng	99
12) 1,3-Dichlorobenzene	6.822	146	255193	56.985	ng	98
13) 1,4-Dichlorobenzene	6.898	146	260587	57.583	ng	99
14) 1,2-Dichlorobenzene	7.045	146	251835	58.893	ng	97
15) Benzyl Alcohol	7.022	79	254782	63.603	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	449819	75.095	ng	88
17) 2-Methylphenol	7.134	107	203415	65.020	ng	99
18) Hexachloroethane	7.387	117	98487	57.138	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	203792	68.493	ng	96
20) 3+4-Methylphenols	7.287	107	259629	60.828	ng	# 85
22) Acetophenone	7.287	105	364352	57.715	ng	99
24) Nitrobenzene	7.463	77	305847	57.853	ng	98
25) Isophorone	7.698	82	547070	67.344	ng	99
26) 2-Nitrophenol	7.775	139	138891	67.435	ng	91
27) 2,4-Dimethylphenol	7.816	122	214489m	78.948	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	314892	68.014	ng	98
29) 2,4-Dichlorophenol	8.022	162	223042	64.623	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	227685	56.617	ng	99
31) Naphthalene	8.181	128	762239	60.464	ng	99
32) Benzoic acid	7.940	122	148771	58.514	ng	91
33) 4-Chloroaniline	8.234	127	139212	36.097	ng	97
34) Hexachlorobutadiene	8.292	225	150693	55.155	ng	99
35) Caprolactam	8.610	113	65517m	61.709	ng	
36) 4-Chloro-3-methylphenol	8.722	107	251815	63.839	ng	94
37) 2-Methylnaphthalene	8.875	142	512620	64.063	ng	99
38) 1-Methylnaphthalene	8.969	142	478139	60.864	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	240292	60.393	ng	99
41) Hexachlorocyclopentadiene	9.022	237	265367	191.015	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	171286	66.169	ng	100

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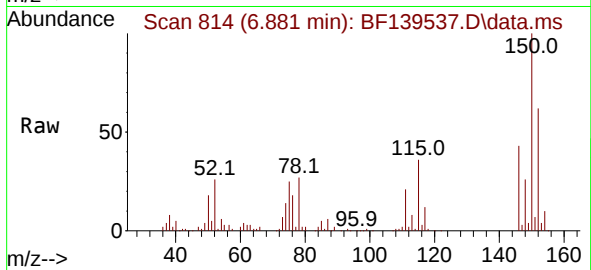
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	177565	65.029	ng	98
46) 1,1'-Biphenyl	9.339	154	649766	62.910	ng	99
47) 2-Chloronaphthalene	9.363	162	485438	62.860	ng	100
48) 2-Nitroaniline	9.463	65	193155	67.246	ng	98
49) Acenaphthylene	9.781	152	804426	69.199	ng	100
50) Dimethylphthalate	9.639	163	609359	69.154	ng	100
51) 2,6-Dinitrotoluene	9.704	165	131415	67.322	ng	92
52) Acenaphthene	9.951	154	560954	69.140	ng	100
53) 3-Nitroaniline	9.875	138	107340	55.023	ng	92
54) 2,4-Dinitrophenol	9.981	184	117278	107.820	ng	# 87
55) Dibenzofuran	10.122	168	734431	64.946	ng	96
56) 4-Nitrophenol	10.039	139	184783	114.472	ng	# 80
57) 2,4-Dinitrotoluene	10.104	165	181747	68.963	ng	100
58) Fluorene	10.463	166	592598	64.227	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	152602	67.559	ng	99
60) Diethylphthalate	10.339	149	623954	68.617	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	283153	63.147	ng	96
62) 4-Nitroaniline	10.486	138	133853	62.868	ng	89
63) Azobenzene	10.616	77	619078	69.220	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	81748	62.386	ng	91
66) n-Nitrosodiphenylamine	10.575	169	512068	70.546	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	172977	70.307	ng	98
68) Hexachlorobenzene	11.010	284	188205	65.179	ng	100
69) Atrazine	11.104	200	164679	95.297	ng	99
70) Pentachlorophenol	11.210	266	204085	117.790	ng	99
71) Phenanthrene	11.428	178	821295	68.566	ng	99
72) Anthracene	11.480	178	840087	71.733	ng	99
73) Carbazole	11.633	167	730994	65.216	ng	99
74) Di-n-butylphthalate	11.957	149	933881	74.792	ng	99
75) Fluoranthene	12.616	202	799895	62.533	ng	99
77) Benzidine	12.733	184	322922	193.021	ng	100
78) Pyrene	12.845	202	788055	78.598	ng	100
80) Butylbenzylphthalate	13.457	149	275554	80.742	ng	99
81) Benzo(a)anthracene	14.027	228	542529	70.141	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	150968	66.648	ng	98
83) Chrysene	14.069	228	504649	70.916	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	337242	77.679	ng	99
85) Di-n-octyl phthalate	14.627	149	517279	80.904	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	467294	63.957	ng	97
88) Benzo(b)fluoranthene	15.080	252	564393	74.478	ng	99
89) Benzo(k)fluoranthene	15.110	252	432678	61.925	ng	# 99
90) Benzo(a)pyrene	15.451	252	474801	75.547	ng	98
91) Dibenzo(a,h)anthracene	17.010	278	381713	63.224	ng	98
92) Benzo(g,h,i)perylene	17.433	276	324172	54.229	ng	# 96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

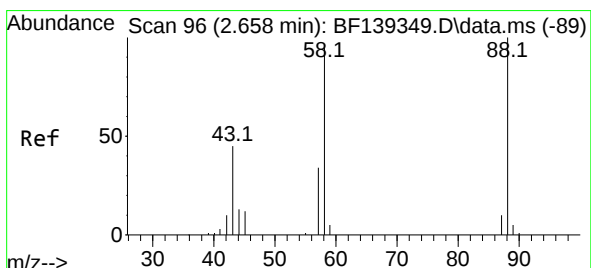
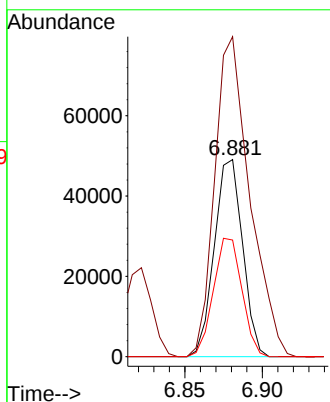
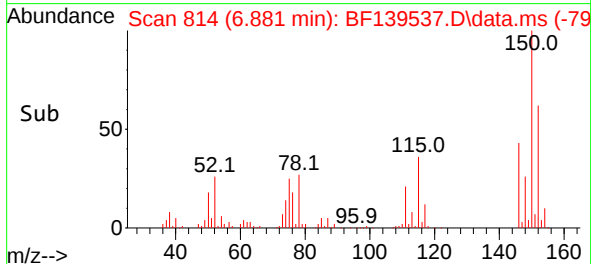
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



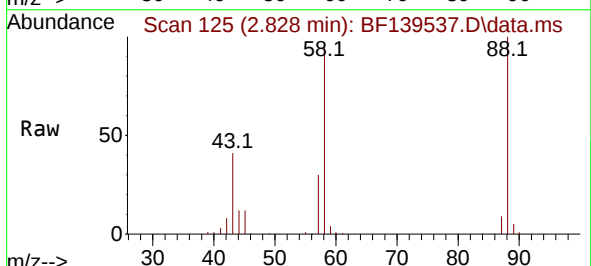
Tgt Ion: 152 Resp: 62404
Ion Ratio Lower Upper
152 100
150 162.3 124.1 186.1
115 59.1 48.1 72.1

Manual Integrations
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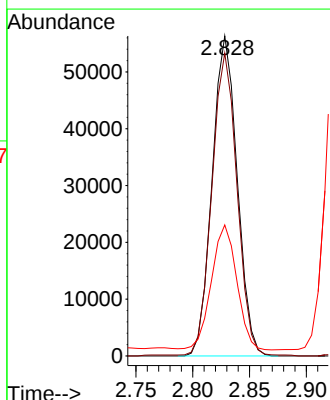
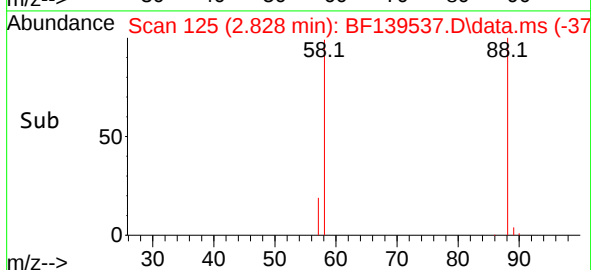
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

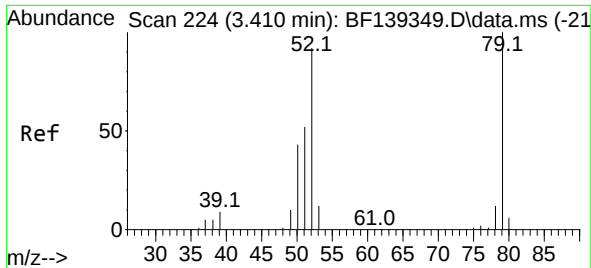


#2
1,4-Dioxane
Concen: 56.357 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.171 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion: 88 Resp: 86492
Ion Ratio Lower Upper
88 100
58 95.6 74.8 112.2
43 0.0 36.4 54.6





#3

Pyridine

Concen: 65.530 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.129 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 79 Resp: 221734

Ion Ratio Lower Upper

79 100

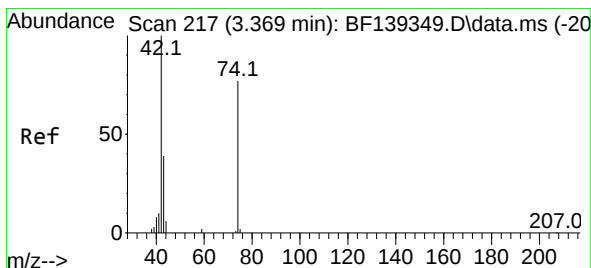
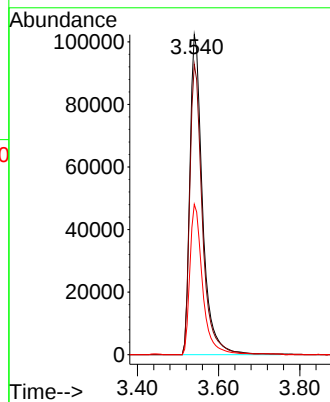
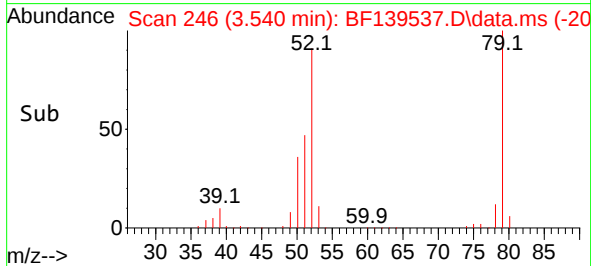
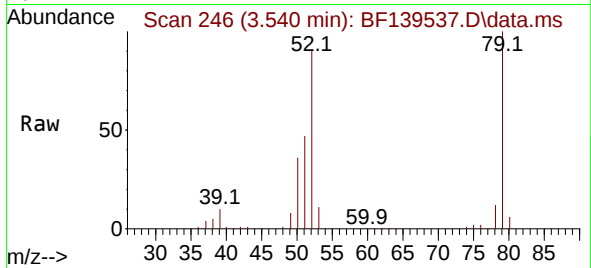
52 90.8 73.8 110.8

51 47.0 41.8 62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 55.367 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.106 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

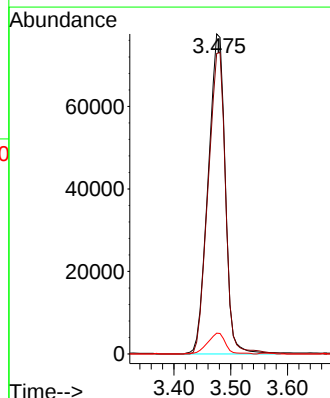
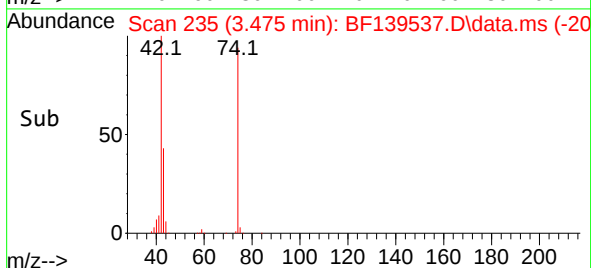
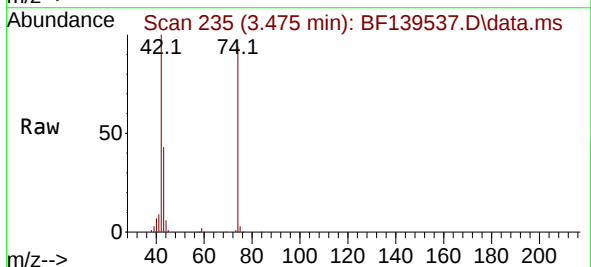
Tgt Ion: 42 Resp: 162382

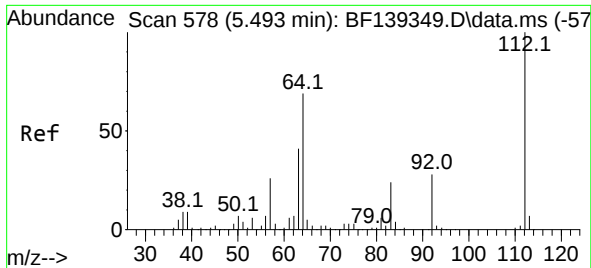
Ion Ratio Lower Upper

42 100

74 93.9 61.8 92.8#

44 6.5 4.8 7.2





#5
2-Fluorophenol
Concen: 162.754 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

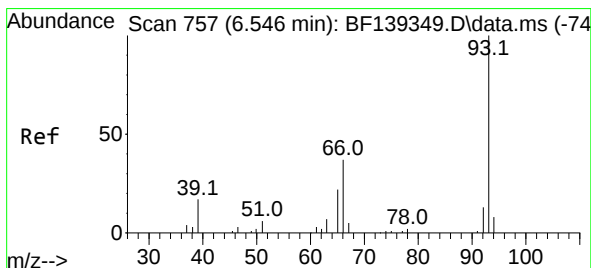
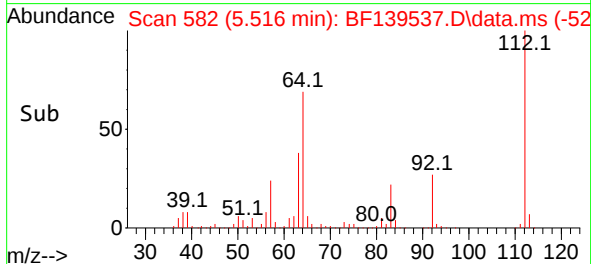
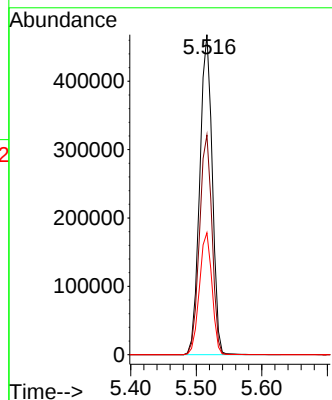
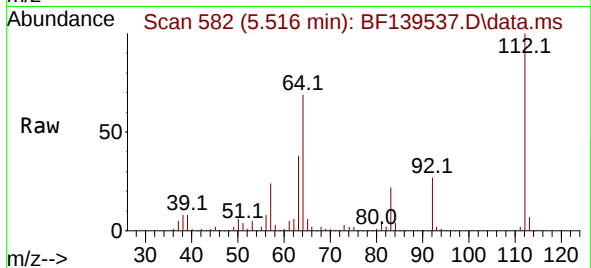
STOCK-PILEMSD

Tgt Ion:112 Resp: 62258
Ion Ratio Lower Upper
112 100
64 68.6 54.8 82.2
63 38.1 33.0 49.4

Manual Integrations

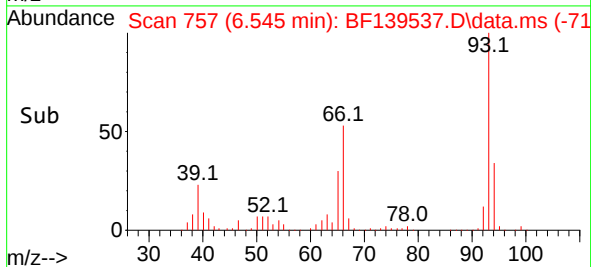
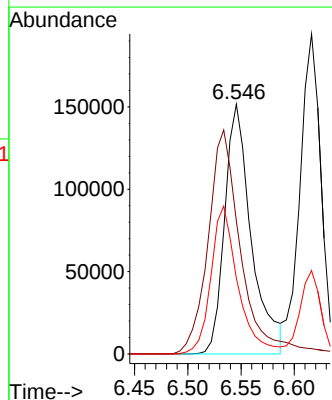
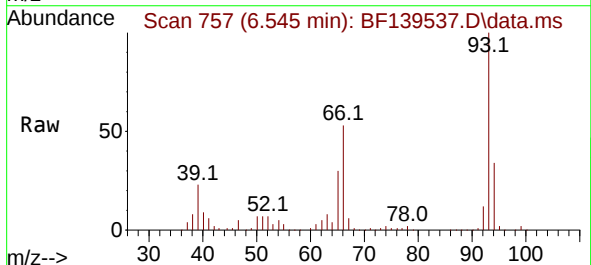
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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#6
Aniline
Concen: 69.535 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 93 Resp: 263479
Ion Ratio Lower Upper
93 100
66 53.2 35.4 53.0#
65 30.3 18.2 27.4#





#7

Phenol-d6

Concen: 155.893 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion: 99 Resp: 78273

Ion Ratio Lower Upper

99 100

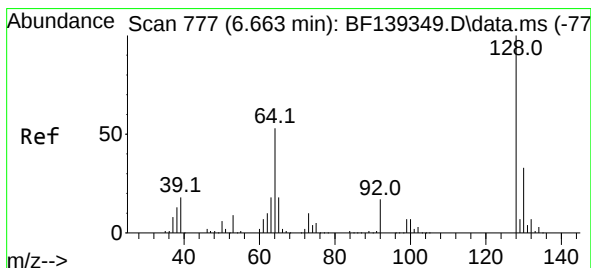
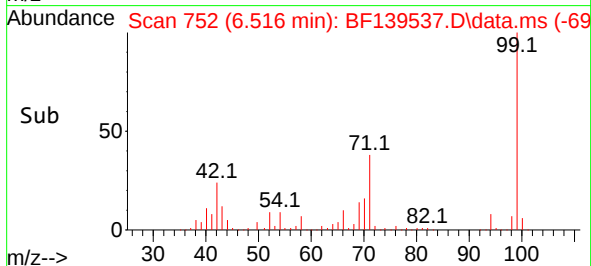
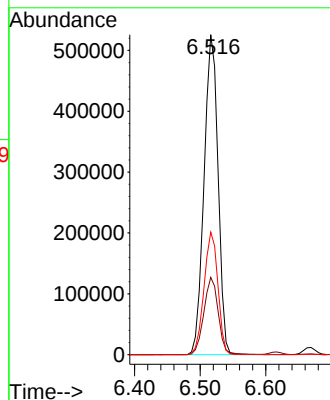
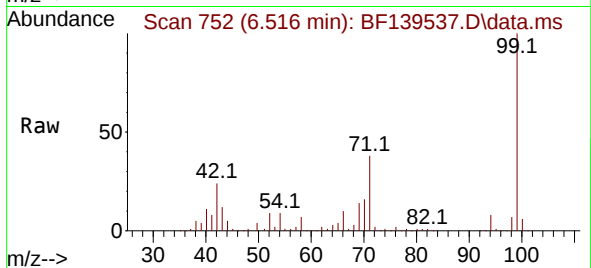
42 24.1 21.9 32.9

71 38.3 34.6 52.0

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#8

2-Chlorophenol

Concen: 63.999 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

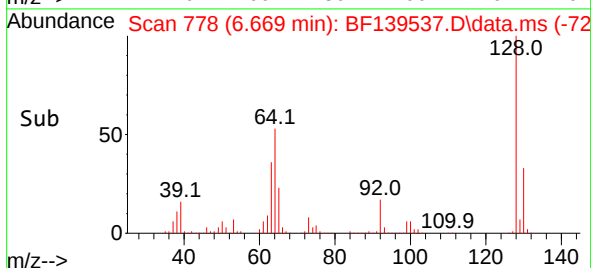
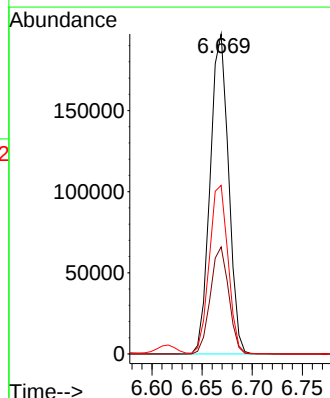
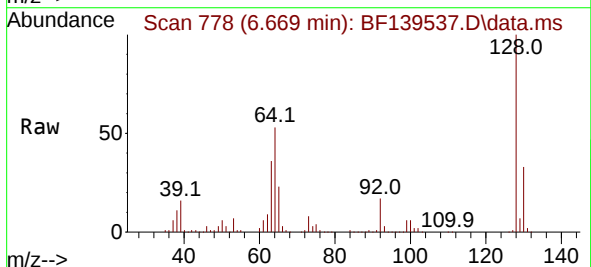
Tgt Ion:128 Resp: 252008

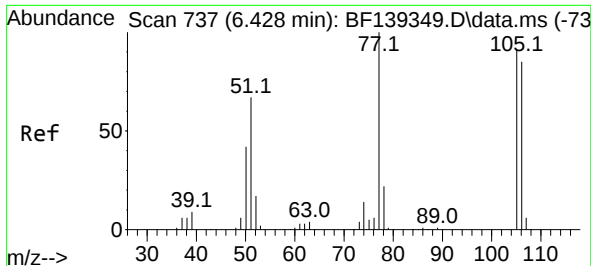
Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

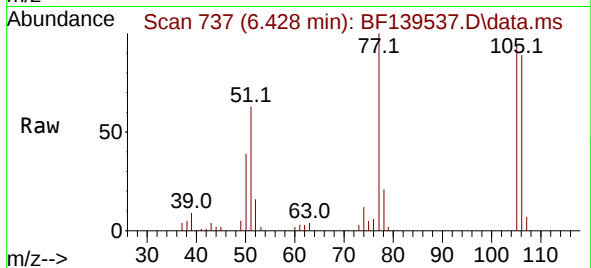
64 52.7 35.1 75.1





#9
Benzaldehyde
Concen: 6.098 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

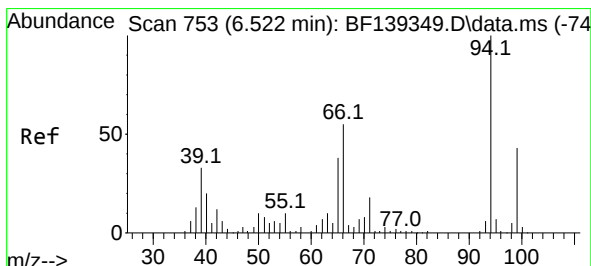
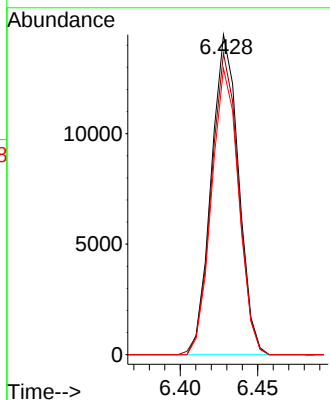
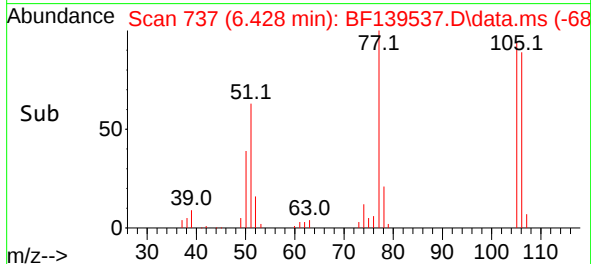
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



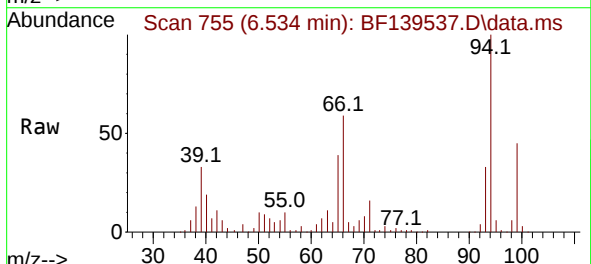
Tgt Ion: 77 Resp: 17689
Ion Ratio Lower Upper
77 100
105 94.2 71.0 111.0
106 89.5 64.9 104.9

Manual Integrations
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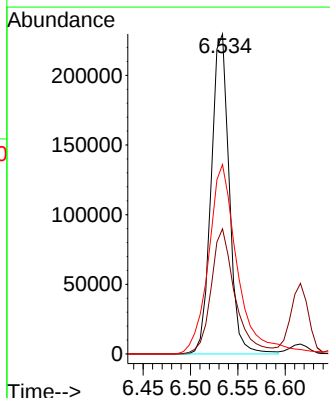
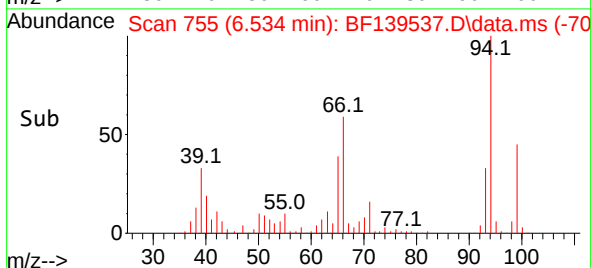
Reviewed By :Jagrut Upadhyay 09/26/2024
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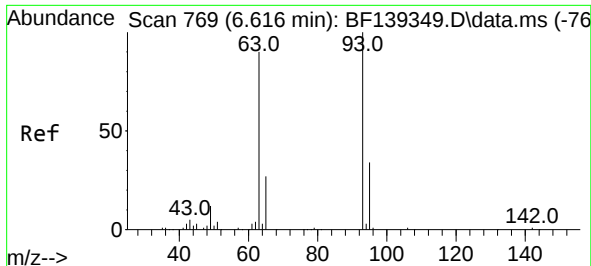


#10
Phenol
Concen: 59.463 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139537.D
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Tgt Ion: 94 Resp: 304083
Ion Ratio Lower Upper
94 100
65 39.1 17.6 57.6
66 59.2 35.2 75.2





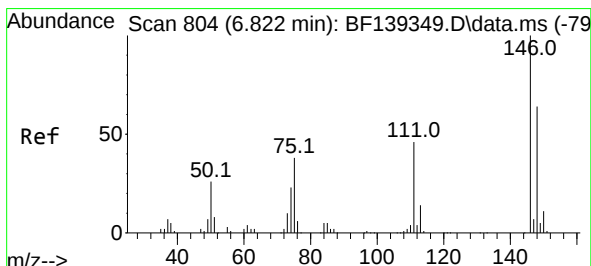
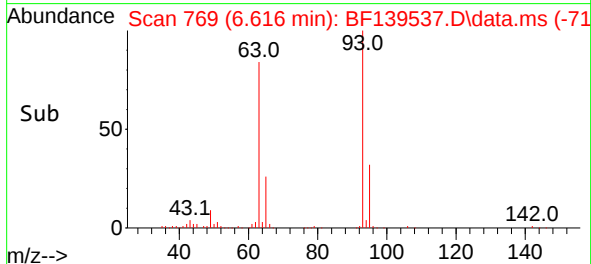
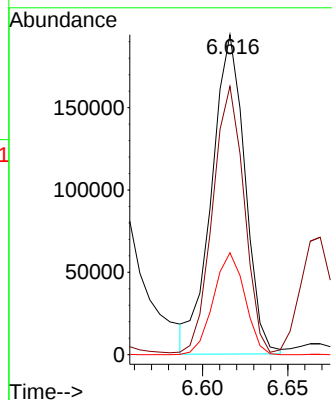
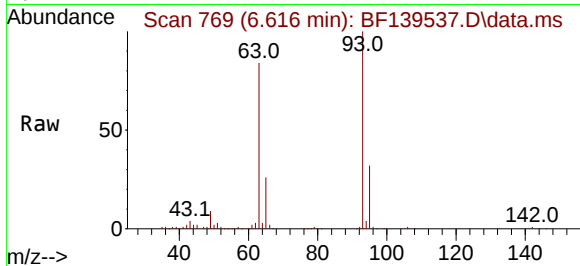
#11
bis(2-Chloroethyl)ether
Concen: 67.592 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion: 93 Resp: 262715
Ion Ratio Lower Upper
93 100
63 83.9 65.3 105.3
95 31.9 12.4 52.4

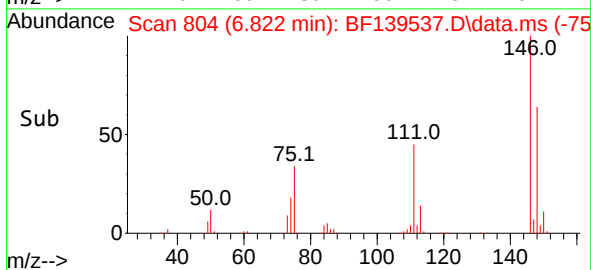
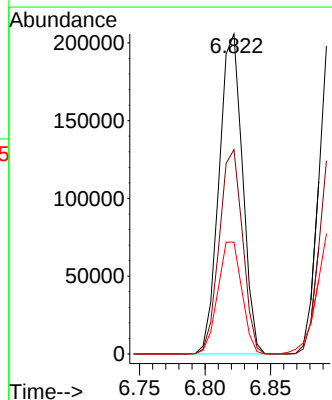
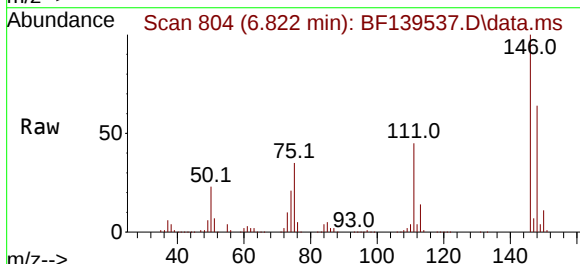
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#12
1,3-Dichlorobenzene
Concen: 56.985 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

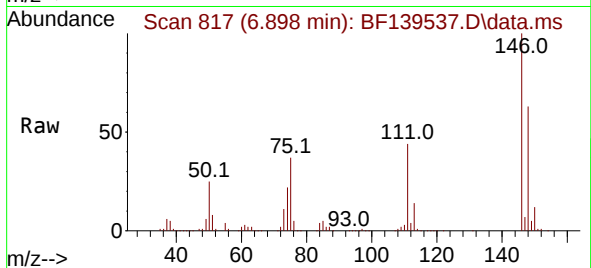
Tgt Ion:146 Resp: 255193
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 34.9 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 57.583 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

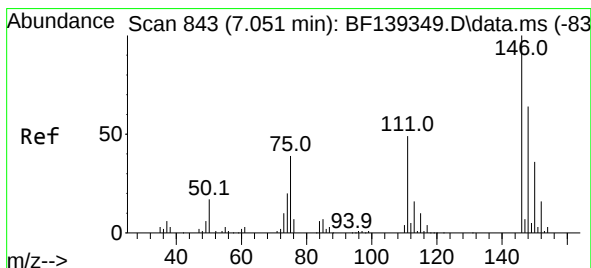
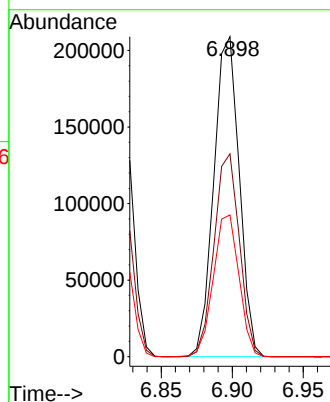
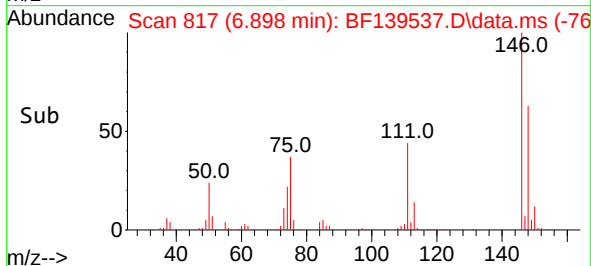
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



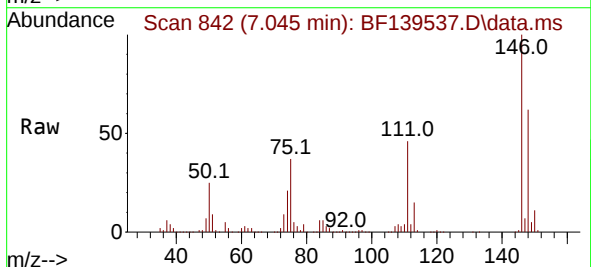
Tgt Ion:146 Resp: 26058
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 44.3 36.3 54.5

Manual Integrations
APPROVED

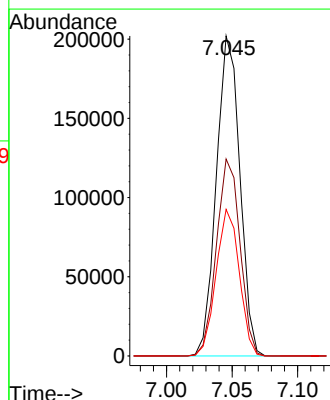
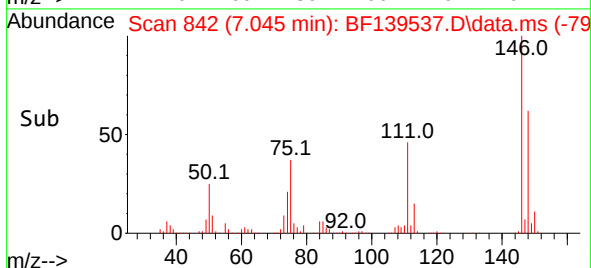
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

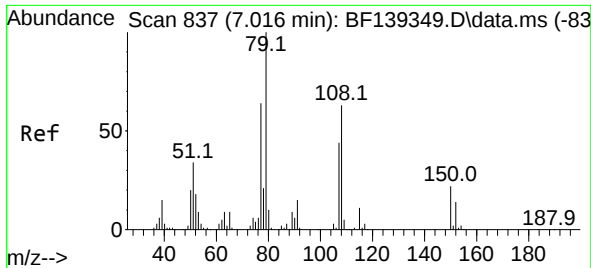


#14
1,2-Dichlorobenzene
Concen: 58.893 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:146 Resp: 251835
Ion Ratio Lower Upper
146 100
148 61.6 50.9 76.3
111 45.8 38.9 58.3





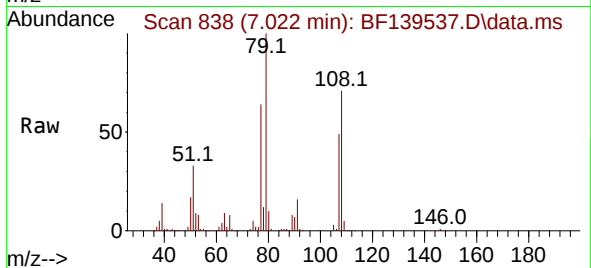
#15
Benzyl Alcohol
Concen: 63.603 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

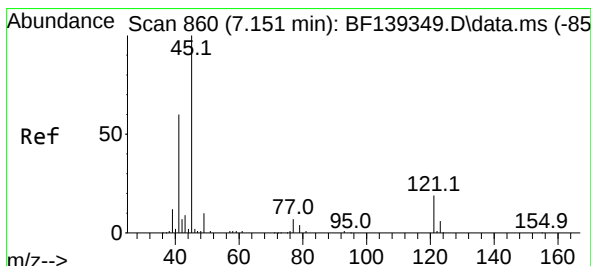
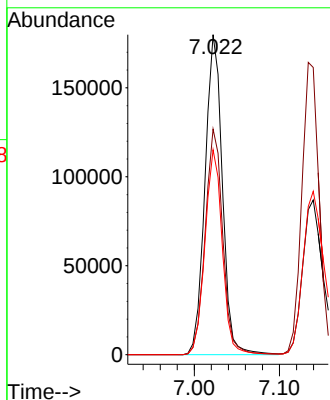
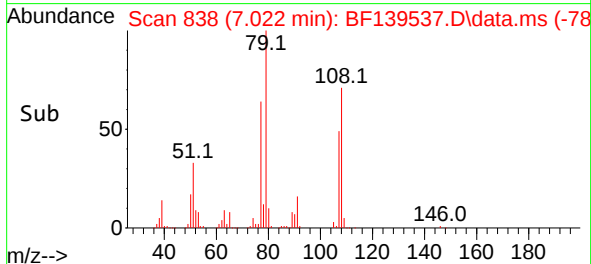


Tgt Ion: 79 Resp: 25478
Ion Ratio Lower Upper
79 100
108 70.5 50.4 75.6
77 64.1 51.4 77.2

Manual Integrations

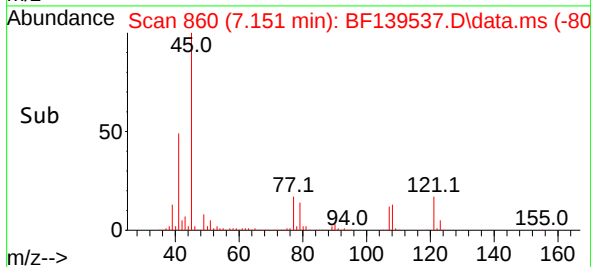
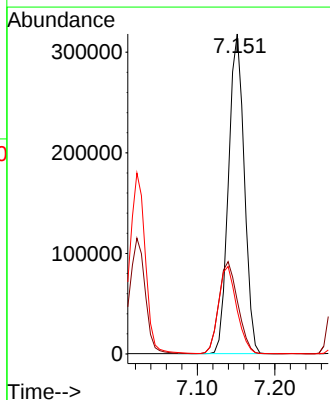
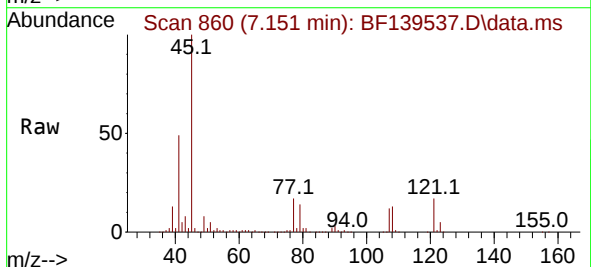
APPROVED

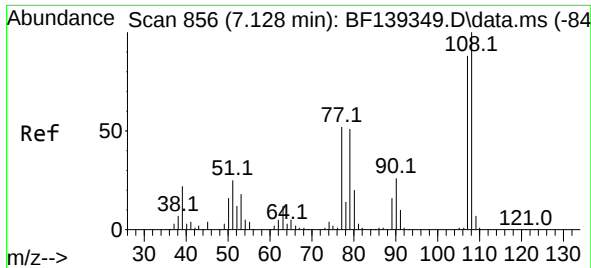
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.095 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 45 Resp: 449819
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.0
79 13.6 0.0 29.1





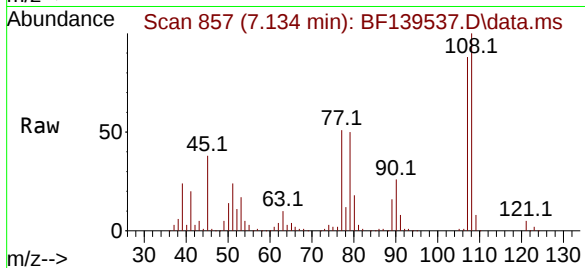
#17
2-Methylphenol
Concen: 65.020 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

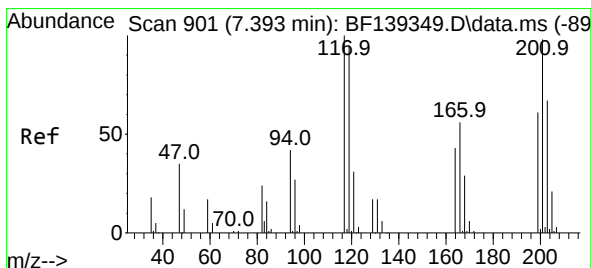
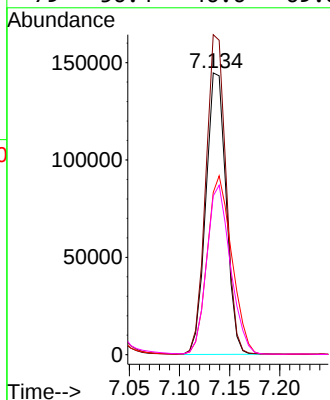
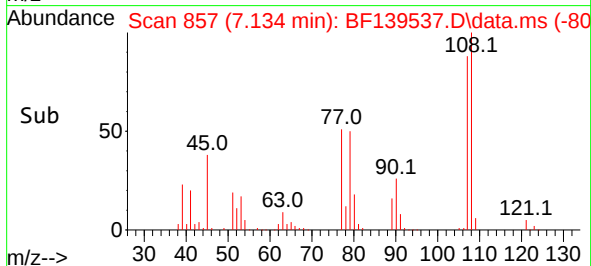


Tgt Ion:107 Resp: 20341
Ion Ratio Lower Upper
107 100
108 113.6 90.5 135.7
77 57.6 47.1 70.7
79 56.4 46.6 69.8

Manual Integrations

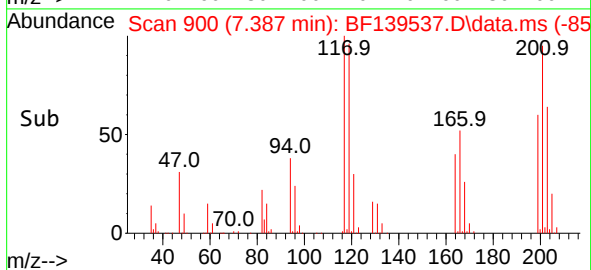
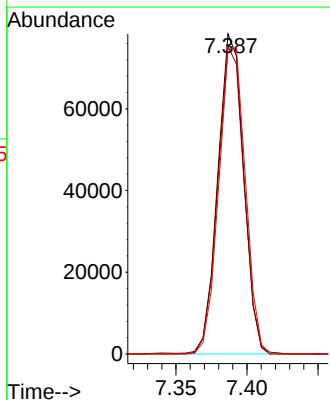
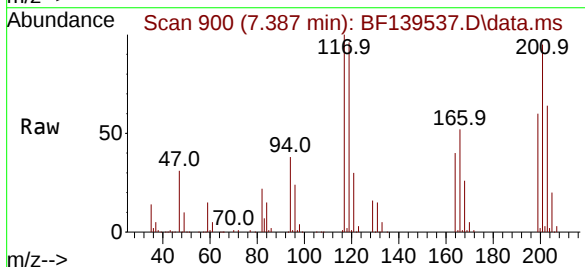
APPROVED

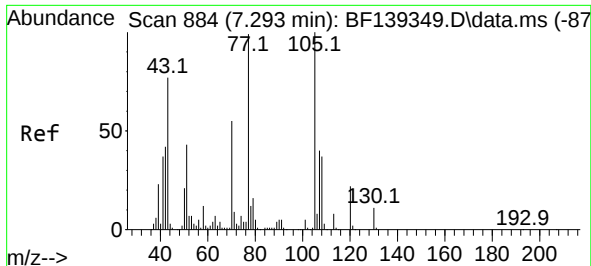
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#18
Hexachloroethane
Concen: 57.138 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

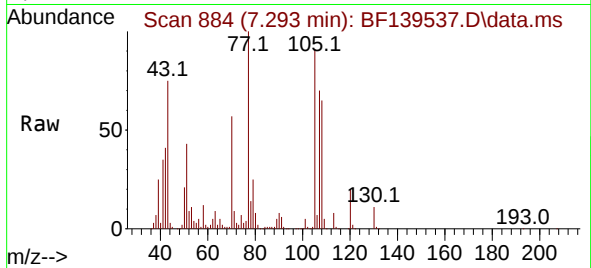
Tgt Ion:117 Resp: 98487
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 95.1 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 68.493 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

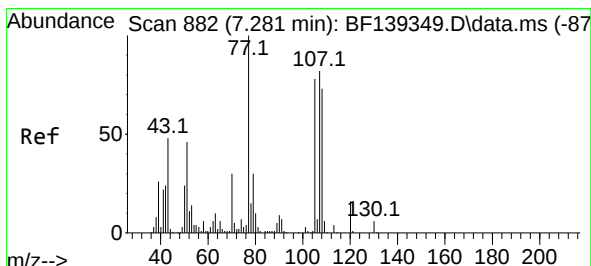
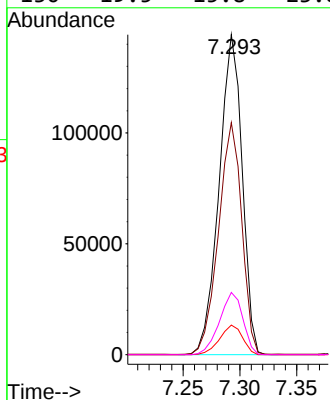
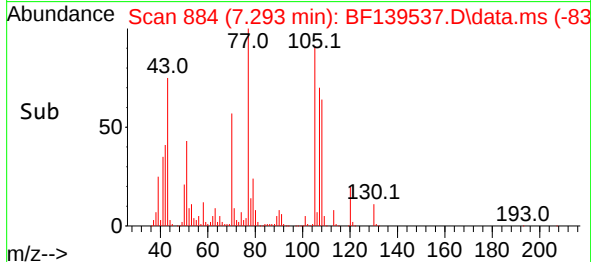
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



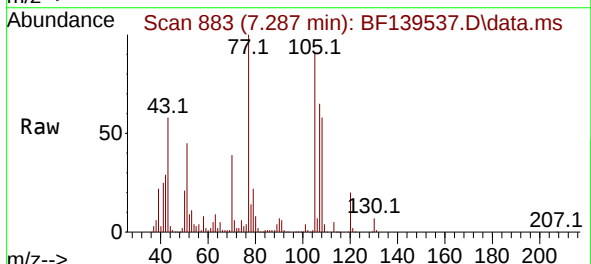
Tgt Ion: 70 Resp: 203792
Ion Ratio Lower Upper
70 100
42 72.5 61.2 91.8
101 9.3 7.5 11.3
130 19.5 15.8 23.8

Manual Integrations
APPROVED

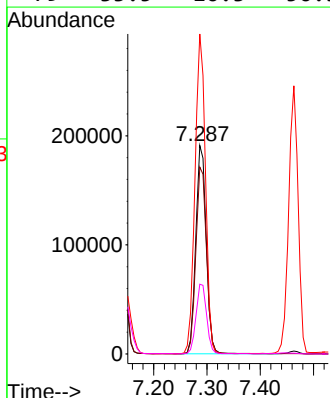
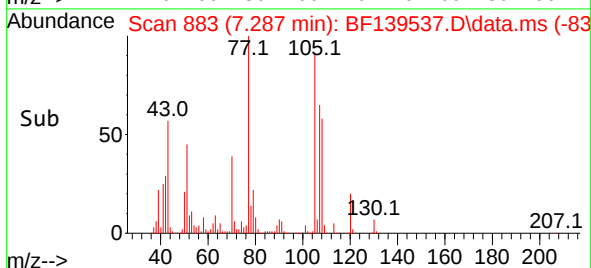
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

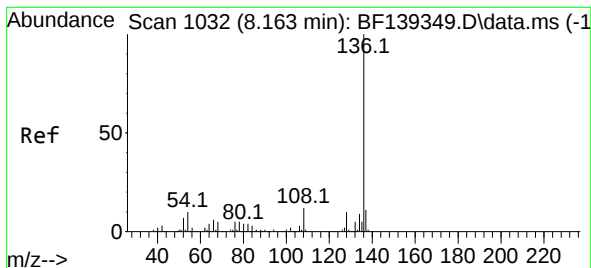


#20
3+4-Methylphenols
Concen: 60.828 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:107 Resp: 259629
Ion Ratio Lower Upper
107 100
108 89.7 68.6 108.6
77 153.5 101.6 141.6#
79 33.5 16.3 56.3





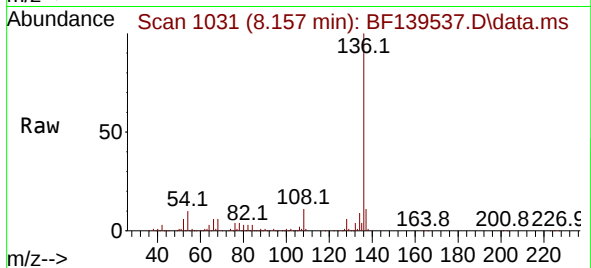
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

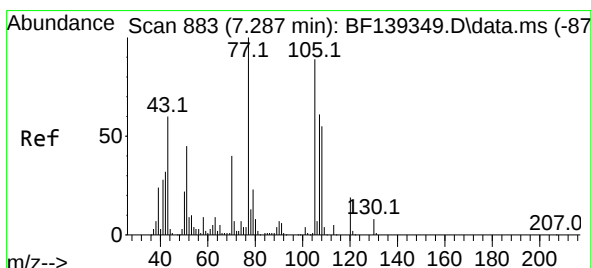
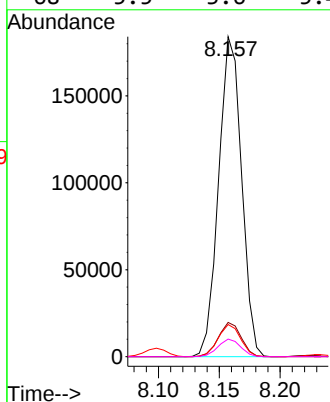
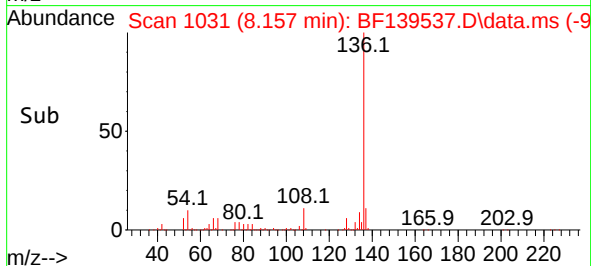


Tgt Ion:	136	Resp:	24147
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	10.0	7.8	11.8
68	5.5	3.6	5.4

Manual Integrations

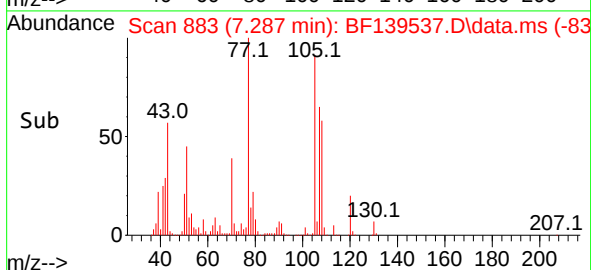
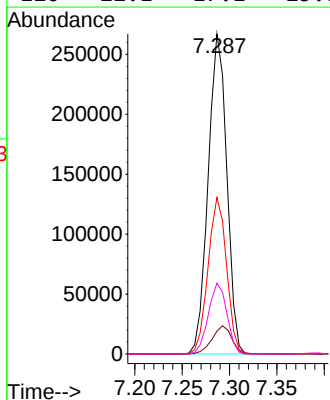
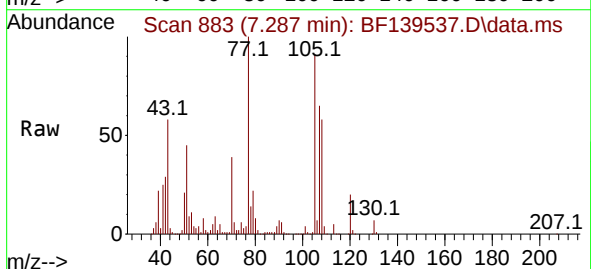
APPROVED

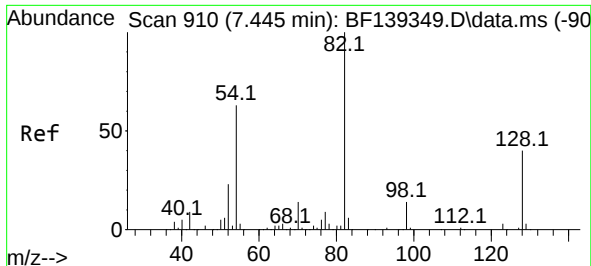
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#22
Acetophenone
Concen: 57.715 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:	105	Resp:	364352
Ion Ratio	Lower	Upper	
105	100		
71	7.1	5.9	8.9
51	48.9	40.0	60.0
120	22.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 117.060 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

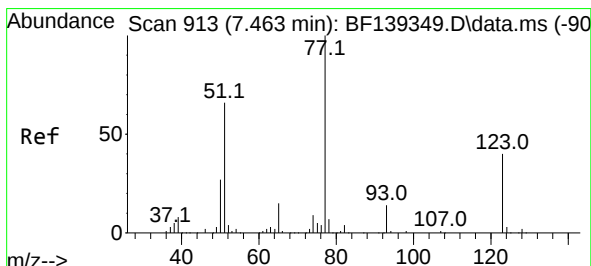
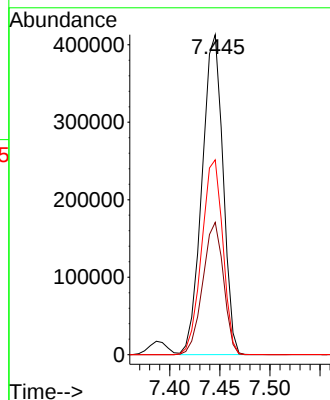
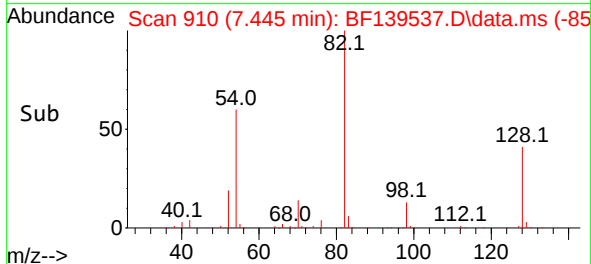
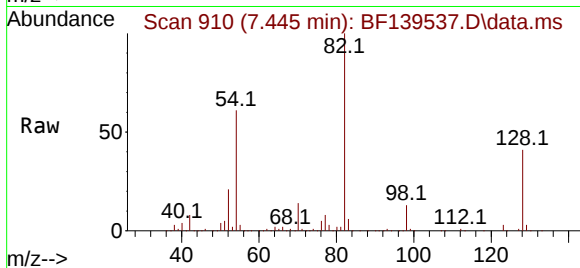
STOCK-PILEMSD

Tgt Ion: 82 Resp: 601284
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.6
 54 60.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#24

Nitrobenzene

Concen: 57.853 ng

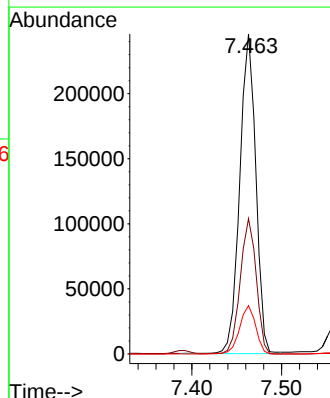
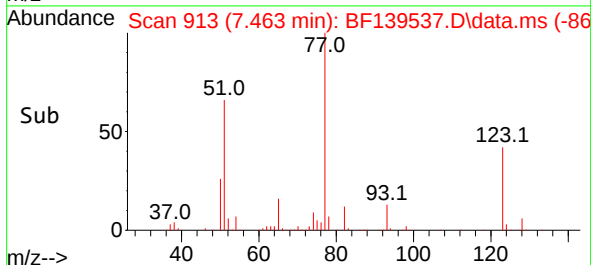
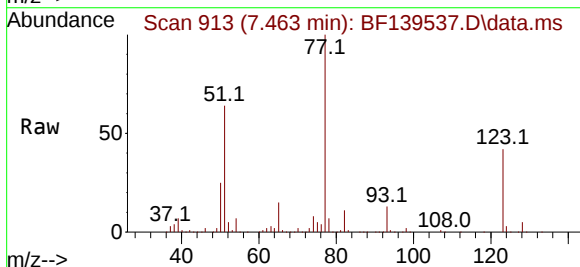
RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion: 77 Resp: 305847
 Ion Ratio Lower Upper
 77 100
 123 42.3 32.2 48.4
 65 15.1 12.2 18.4





#25
Isophorone
Concen: 67.344 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

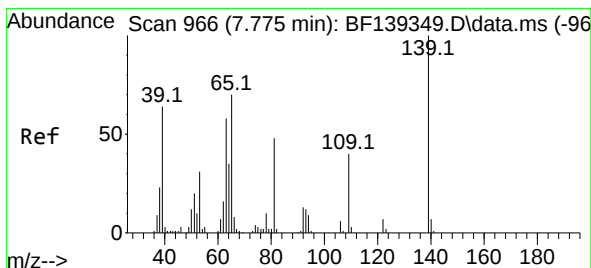
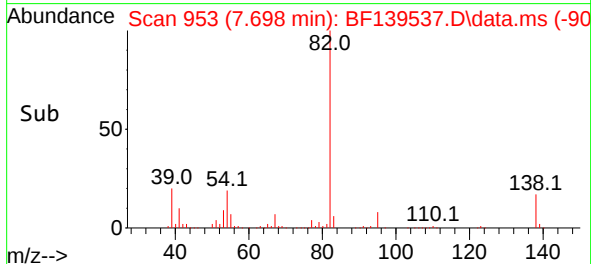
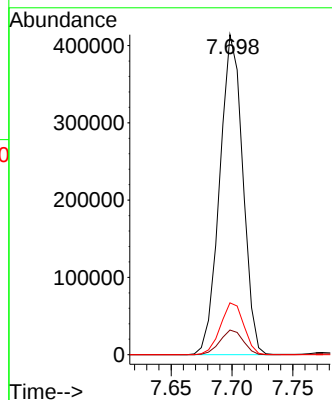
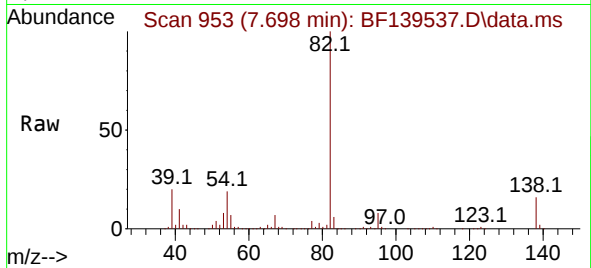
STOCK-PILEMSD

Tgt Ion: 82 Resp: 547070
Ion Ratio Lower Upper
82 100
95 7.7 6.7 10.1
138 16.2 13.3 19.9

Manual Integrations

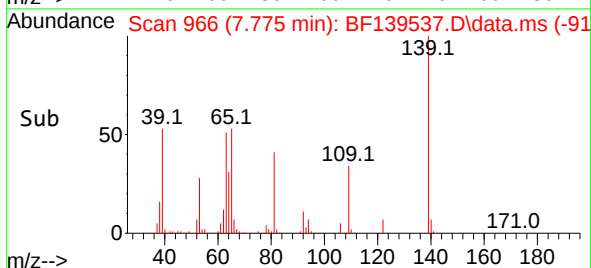
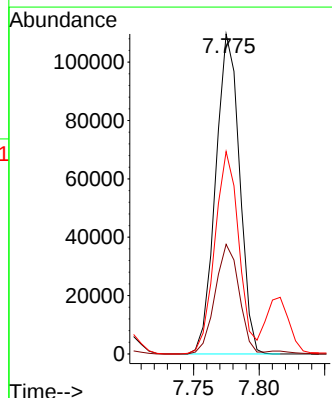
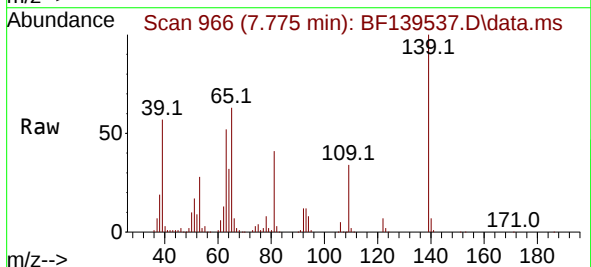
APPROVED

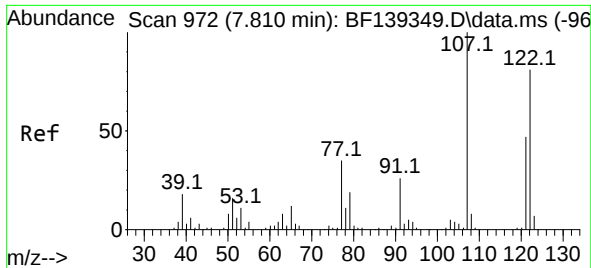
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#26
2-Nitrophenol
Concen: 67.435 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:139 Resp: 138891
Ion Ratio Lower Upper
139 100
109 34.3 32.2 48.2
65 63.3 55.8 83.8





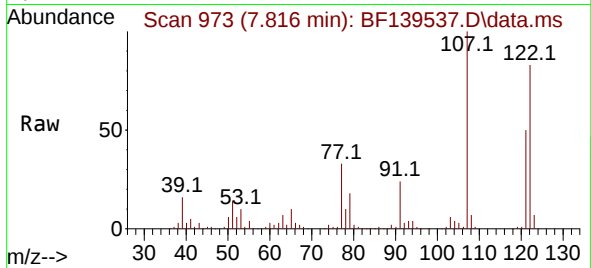
#27
2,4-Dimethylphenol
Concen: 78.948 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

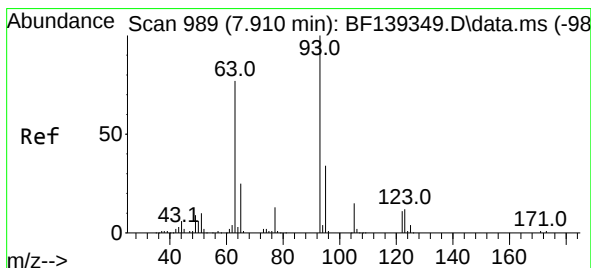
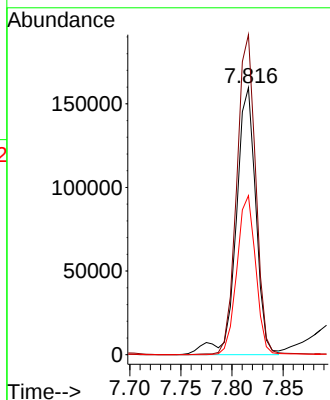
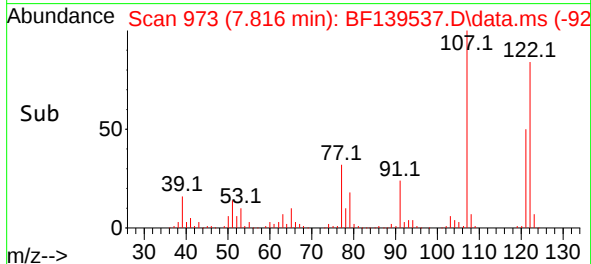


Tgt Ion:122 Resp: 214489
Ion Ratio Lower Upper
122 100
107 119.8 99.1 148.7
121 59.5 46.6 70.0

Manual Integrations

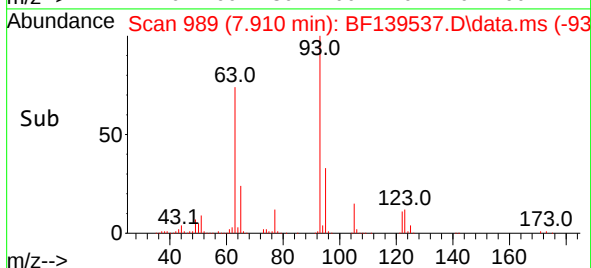
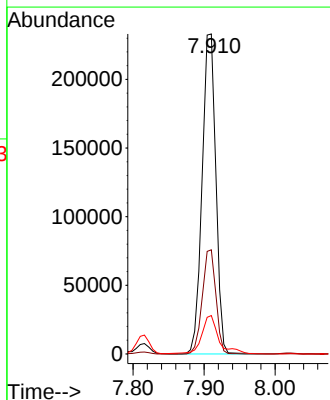
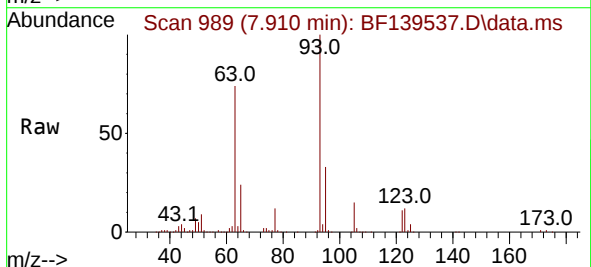
APPROVED

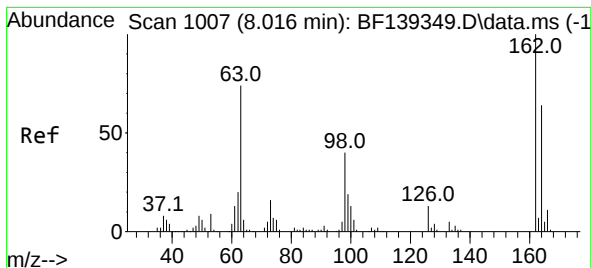
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 68.014 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

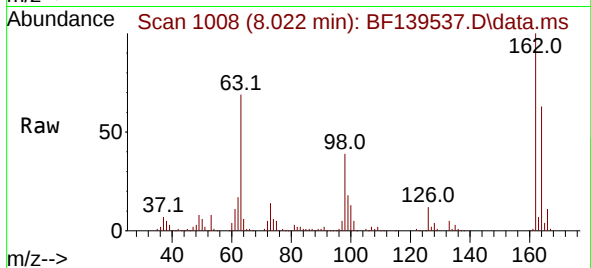
Tgt Ion: 93 Resp: 314892
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 12.0 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 64.623 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

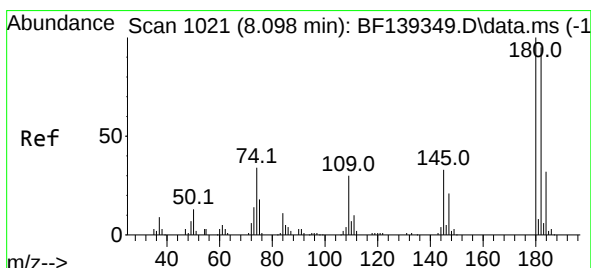
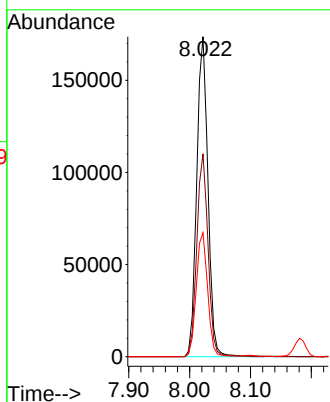
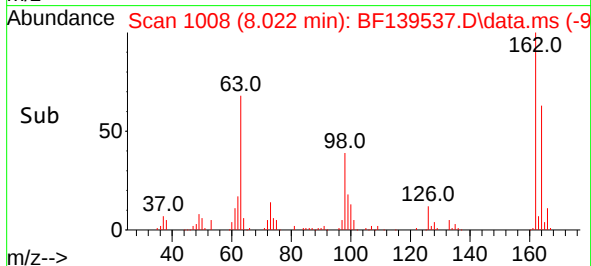
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



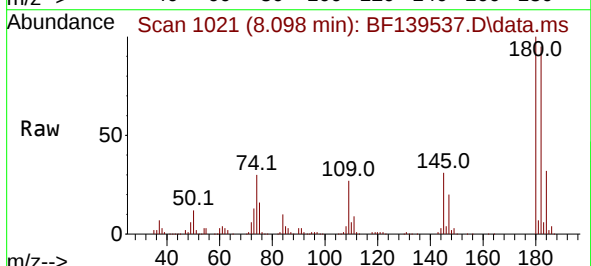
Tgt Ion:162 Resp: 223042
Ion Ratio Lower Upper
162 100
164 63.4 43.6 83.6
98 38.8 19.7 59.7

Manual Integrations
APPROVED

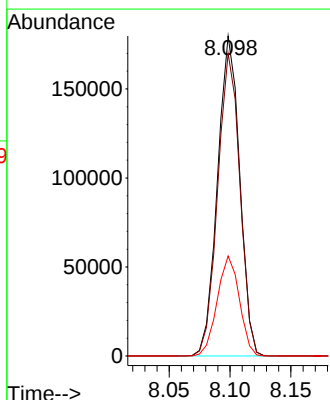
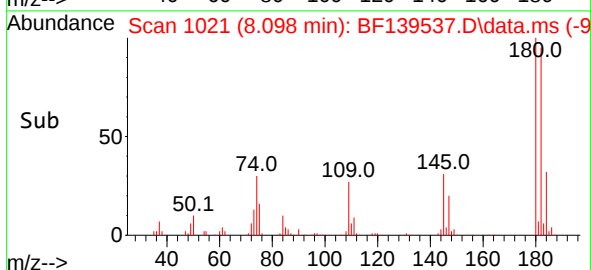
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

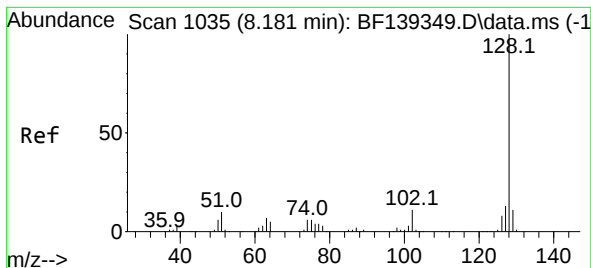


#30
1,2,4-Trichlorobenzene
Concen: 56.617 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:180 Resp: 227685
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 31.2 26.5 39.7





#31

Naphthalene

Concen: 60.464 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

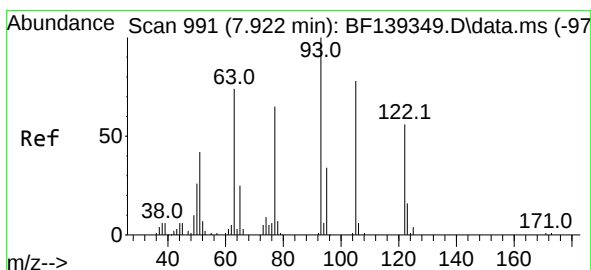
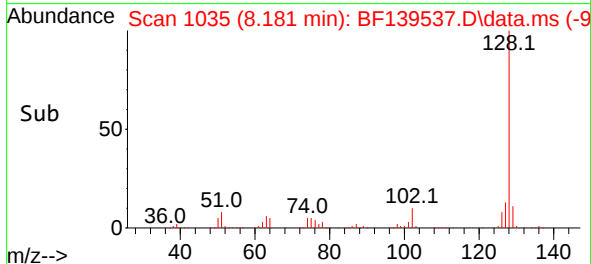
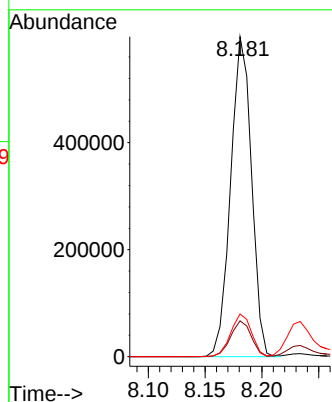
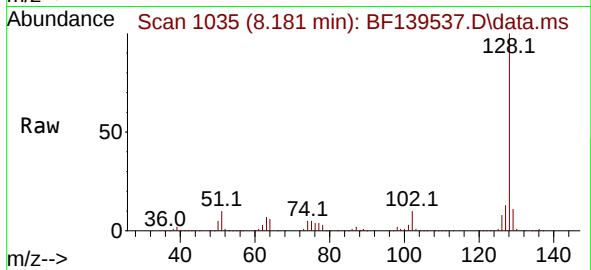
STOCK-PILEMSD

Tgt Ion:128 Resp: 762239
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#32

Benzoic acid

Concen: 58.514 ng

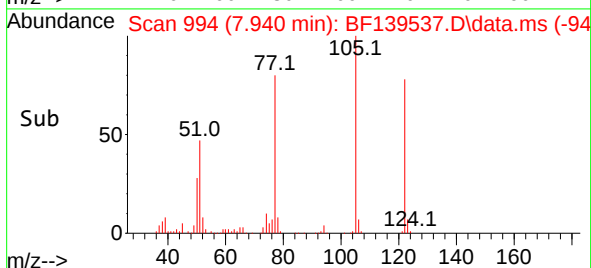
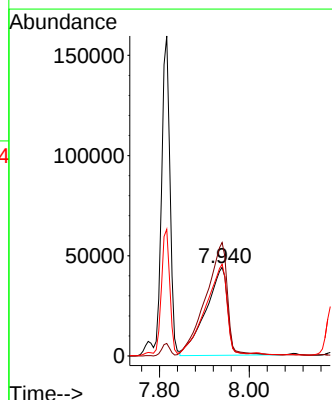
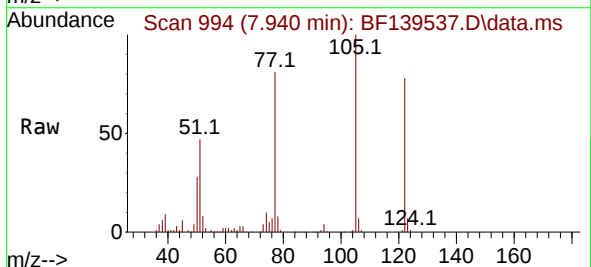
RT: 7.940 min Scan# 994

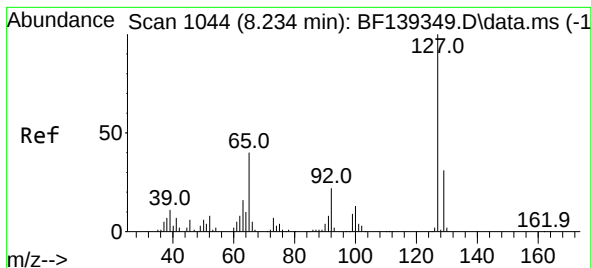
Delta R.T. 0.018 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:122 Resp: 148771
 Ion Ratio Lower Upper
 122 100
 105 128.0 117.1 157.1
 77 103.5 95.4 135.4





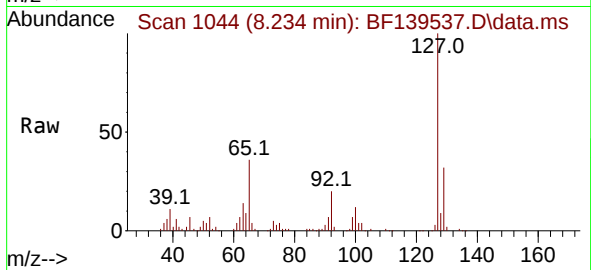
#33
4-Chloroaniline
Concen: 36.097 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

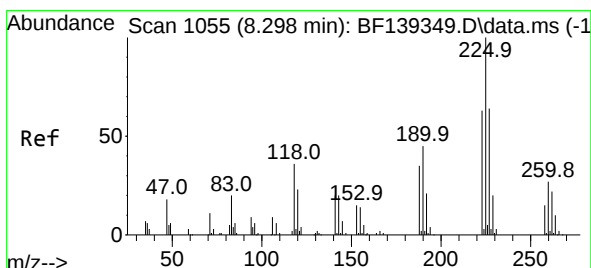
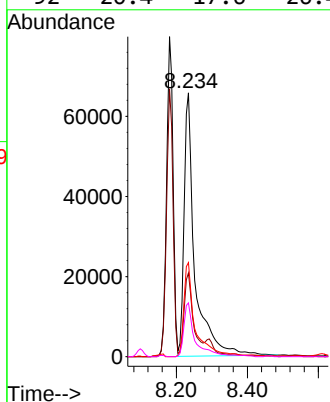
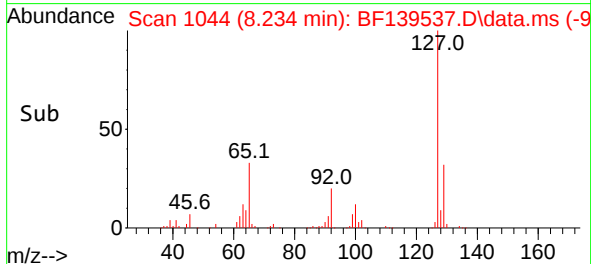


Tgt Ion:127 Resp: 13921
Ion Ratio Lower Upper
127 100
129 31.7 25.5 38.3
65 35.6 31.5 47.3
92 20.4 17.6 26.4

Manual Integrations

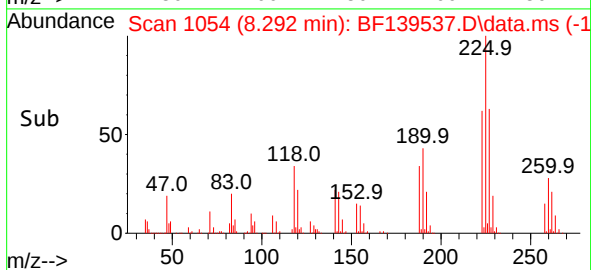
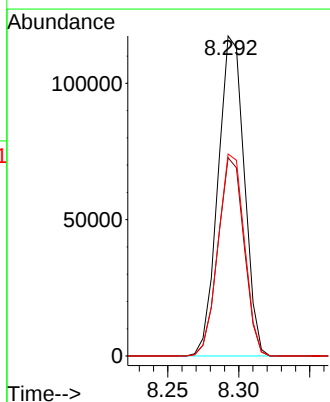
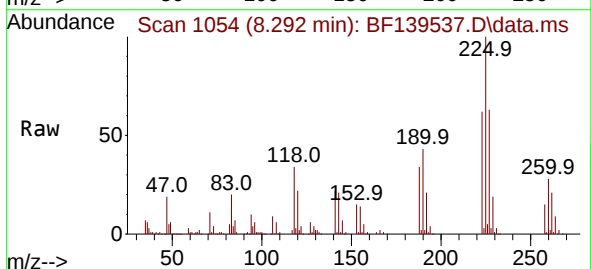
APPROVED

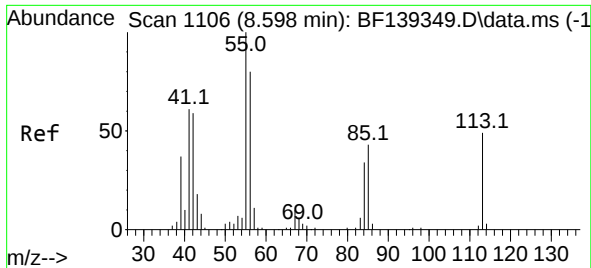
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#34
Hexachlorobutadiene
Concen: 55.155 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:225 Resp: 150693
Ion Ratio Lower Upper
225 100
223 62.0 50.1 75.1
227 63.1 51.0 76.6





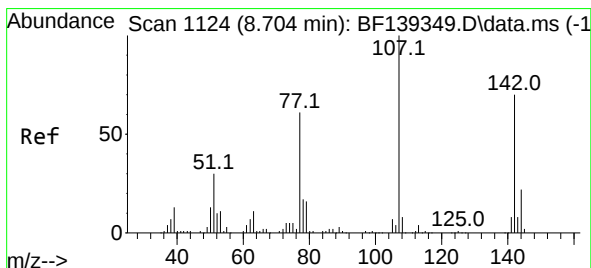
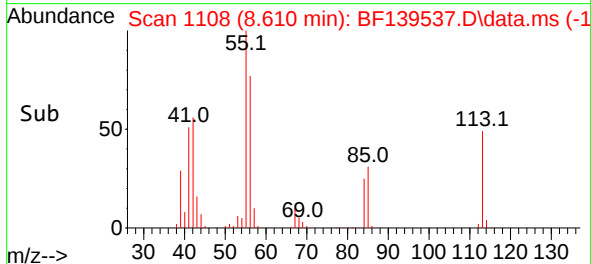
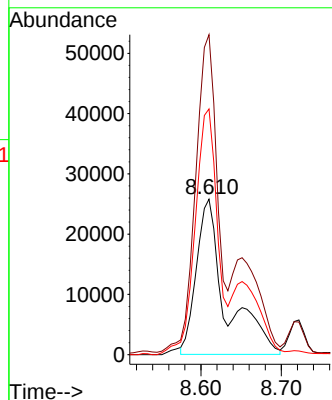
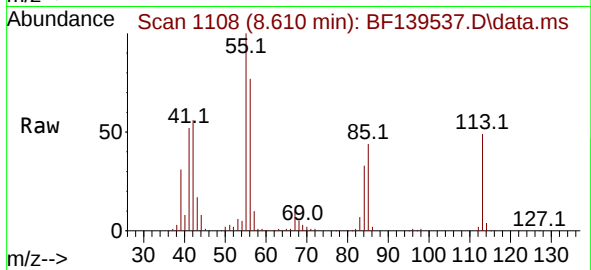
#35
Caprolactam
Concen: 61.709 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD

Tgt Ion:113 Resp: 6551
Ion Ratio Lower Upper
113 100
55 205.8 186.1 226.1
56 158.1 144.9 184.9

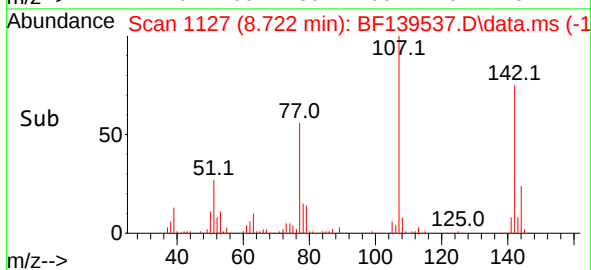
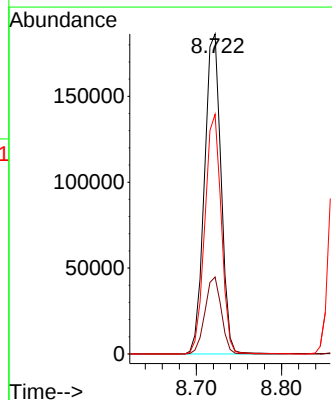
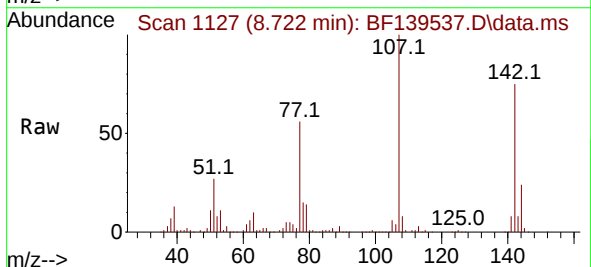
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APPROVED

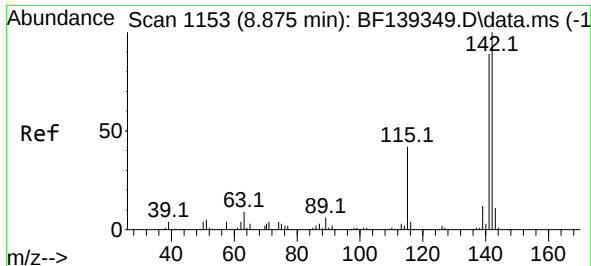
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#36
4-Chloro-3-methylphenol
Concen: 63.839 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:107 Resp: 251815
Ion Ratio Lower Upper
107 100
144 24.0 17.5 26.3
142 74.9 55.8 83.8





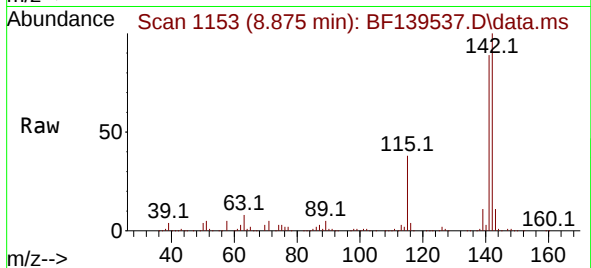
#37
2-Methylnaphthalene
Concen: 64.063 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

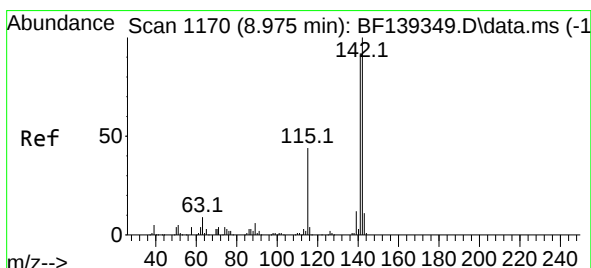
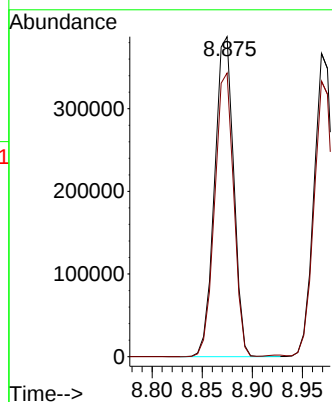
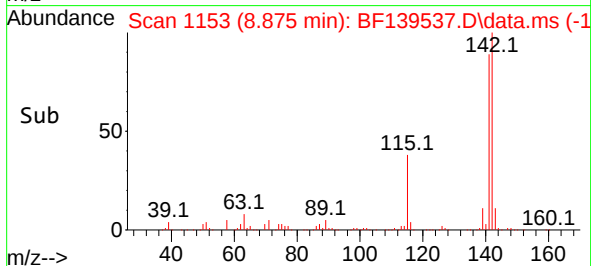


Tgt Ion:142 Resp: 512620
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4

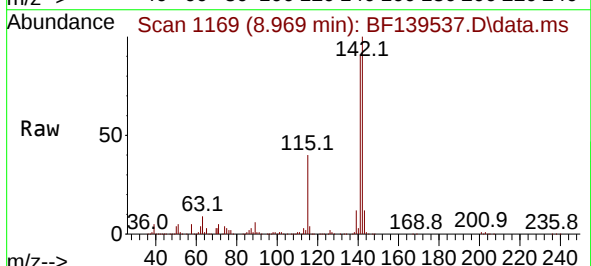
Manual Integrations

APPROVED

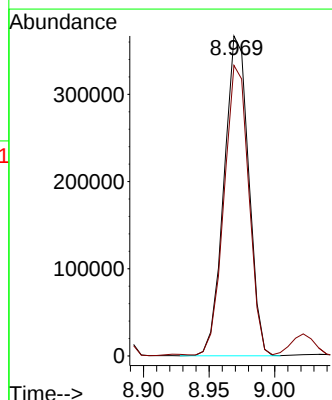
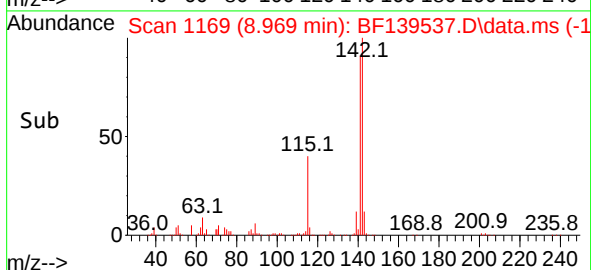
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

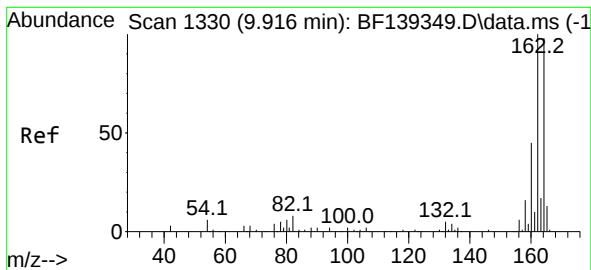


#38
1-Methylnaphthalene
Concen: 60.864 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:142 Resp: 478139
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139537.D

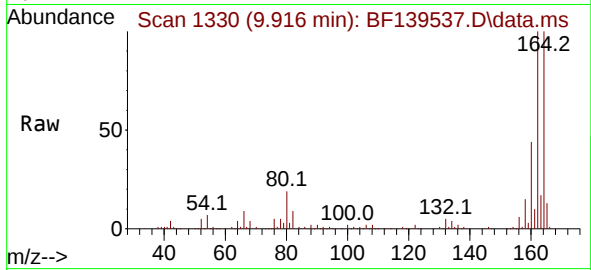
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



Tgt Ion:164 Resp: 13425

Ion Ratio Lower Upper

164 100

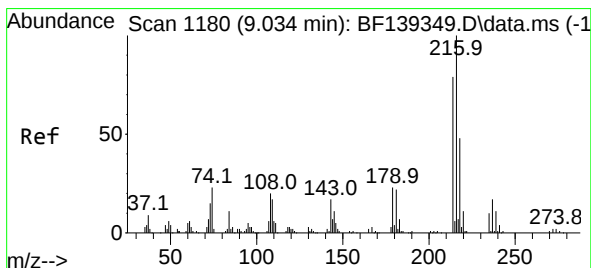
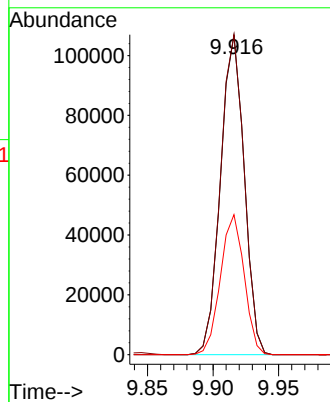
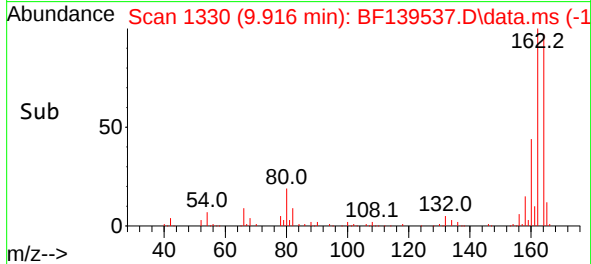
162 100.2 81.3 121.9

160 43.9 36.4 54.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.393 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:216 Resp: 240292

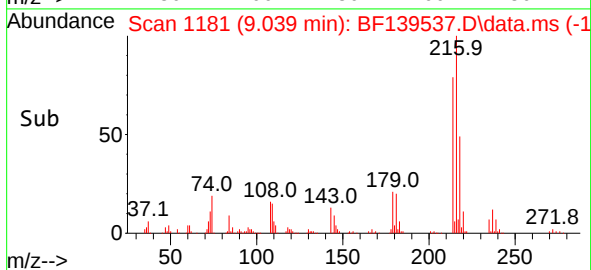
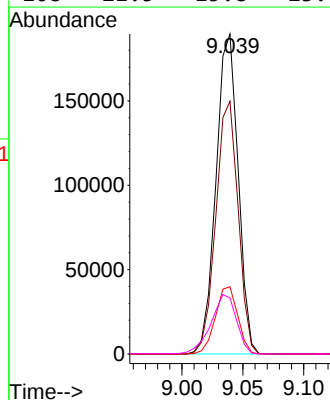
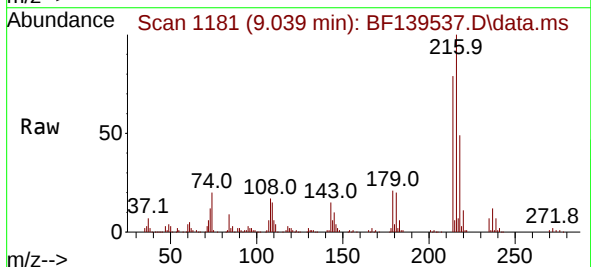
Ion Ratio Lower Upper

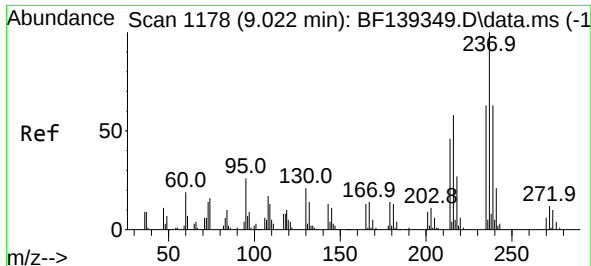
216 100

214 79.4 63.4 95.0

179 21.2 18.2 27.2

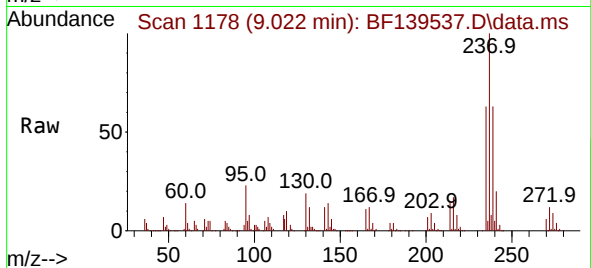
108 21.5 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 191.015 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

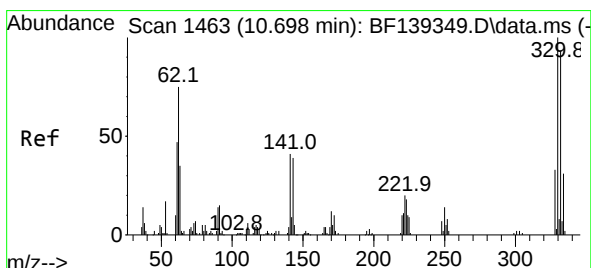
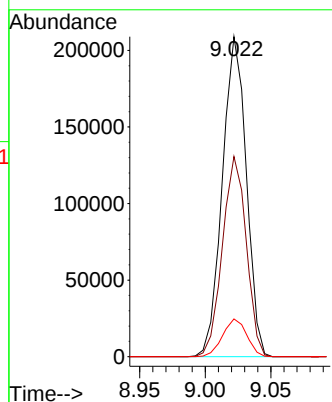
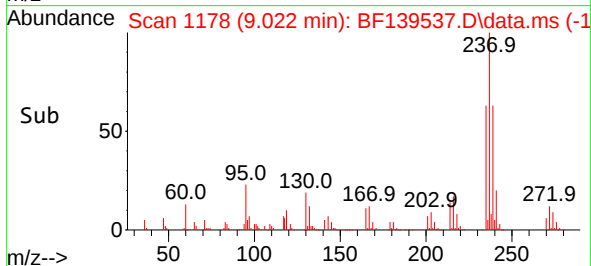
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



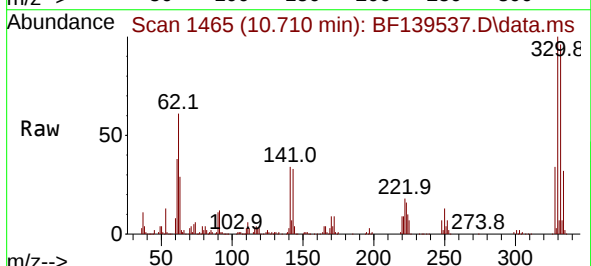
Tgt Ion:237 Resp: 26536
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 11.8 0.0 32.5

Manual Integrations
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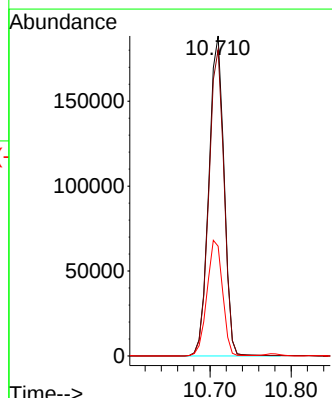
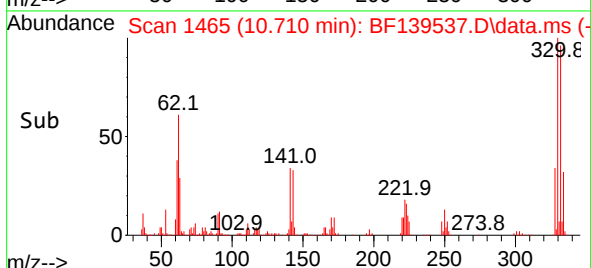
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#42
2,4,6-Tribromophenol
Concen: 171.002 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:330 Resp: 244411
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 37.1 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 66.169 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:196 Resp: 171280

Ion Ratio Lower Upper

196 100

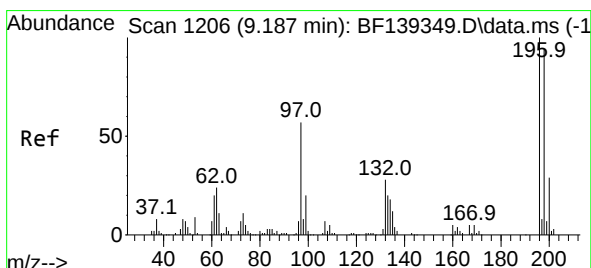
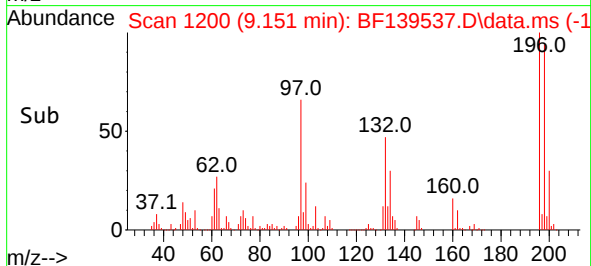
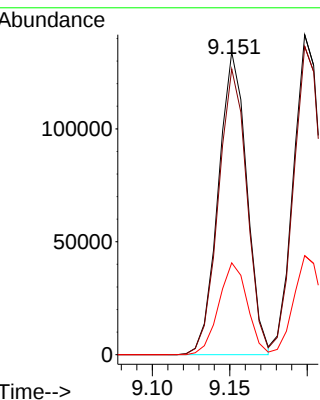
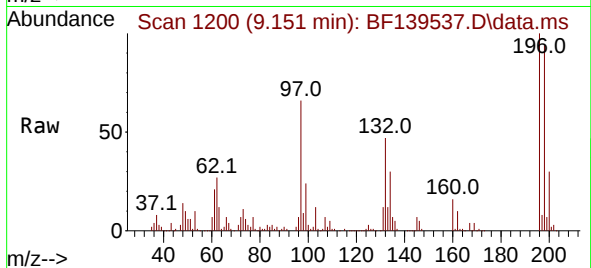
198 94.4 75.8 113.6

200 30.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#44

2,4,5-Trichlorophenol

Concen: 65.029 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:196 Resp: 177565

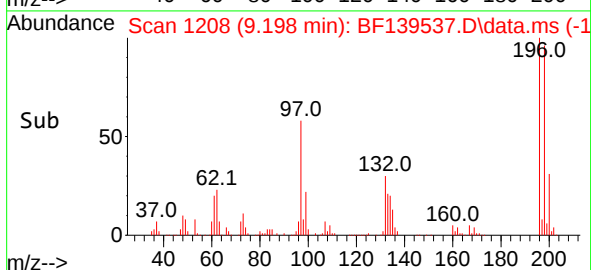
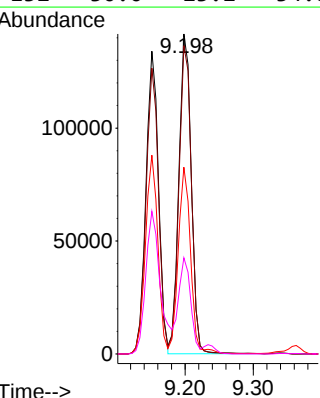
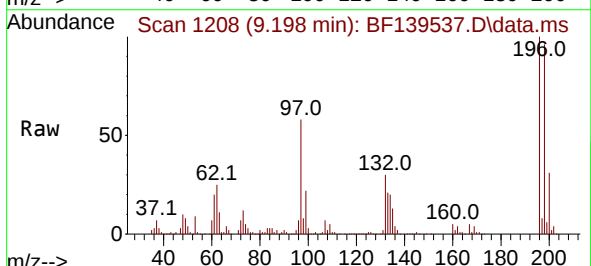
Ion Ratio Lower Upper

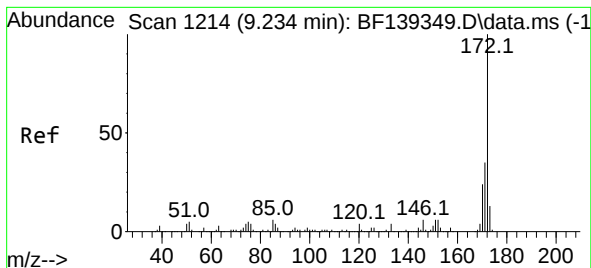
196 100

198 96.3 74.8 112.2

97 58.3 47.3 70.9

132 30.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 114.902 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:172 Resp: 1099870

Ion Ratio Lower Upper

172 100

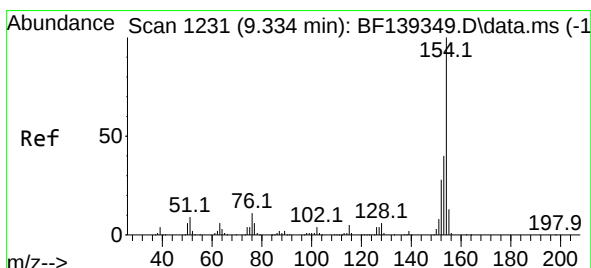
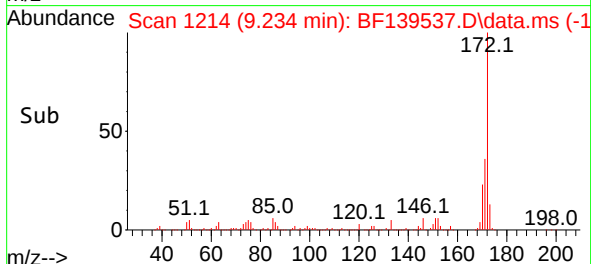
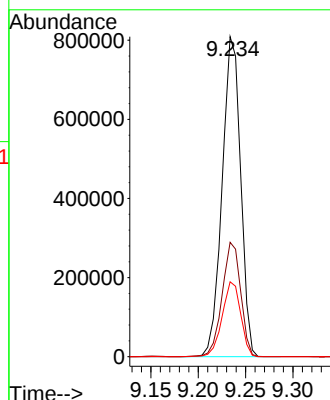
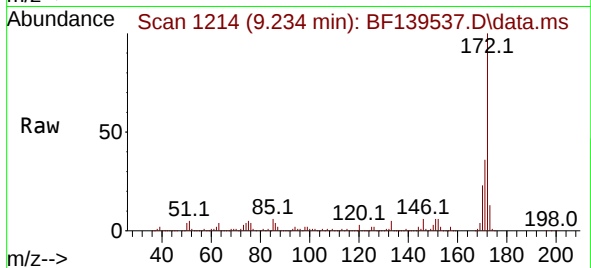
171 35.8 28.3 42.5

170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#46

1,1'-Biphenyl

Concen: 62.910 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

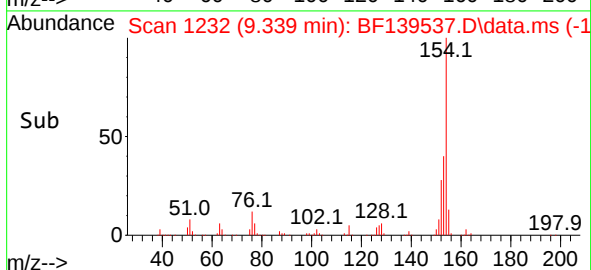
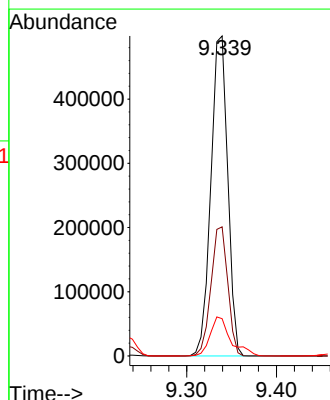
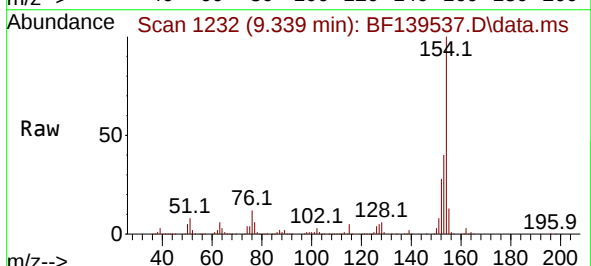
Tgt Ion:154 Resp: 649766

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.7 0.0 31.1





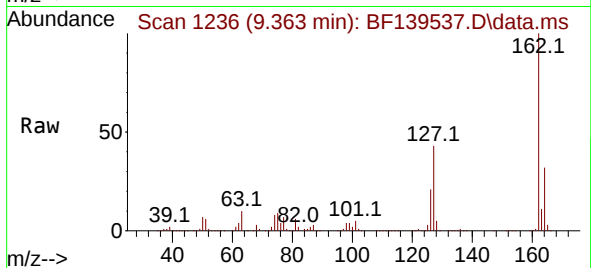
#47
2-Chloronaphthalene
Concen: 62.860 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

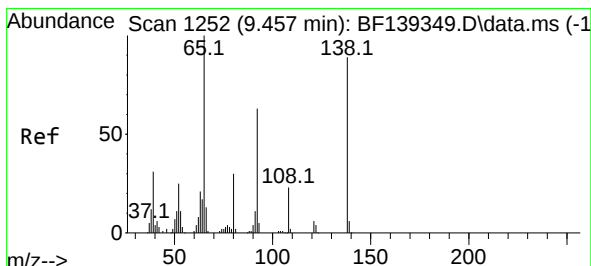
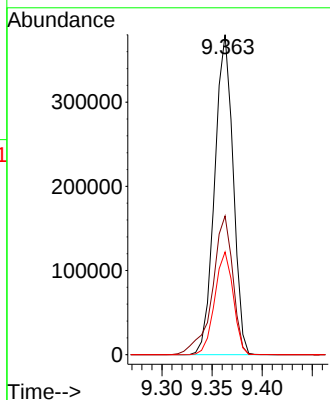
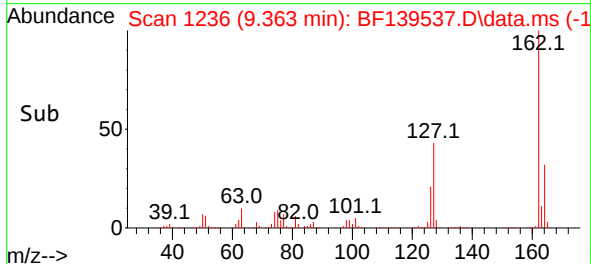


Tgt Ion:162 Resp: 485438
Ion Ratio Lower Upper
162 100
127 43.4 35.0 52.4
164 32.1 25.8 38.6

Manual Integrations

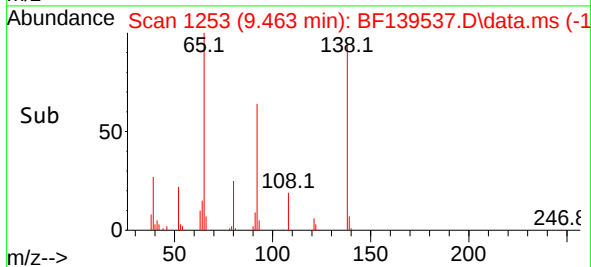
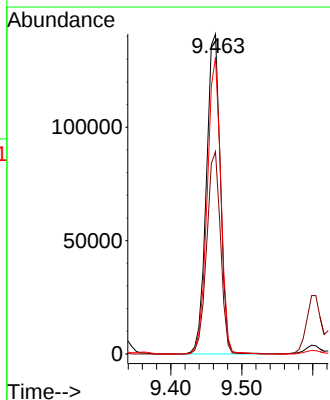
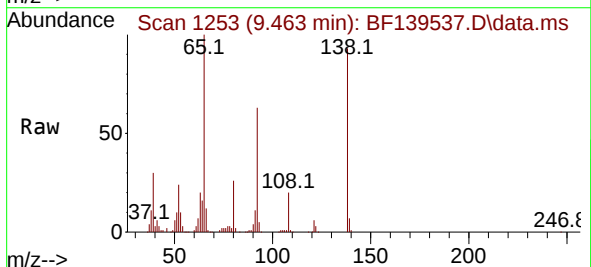
APPROVED

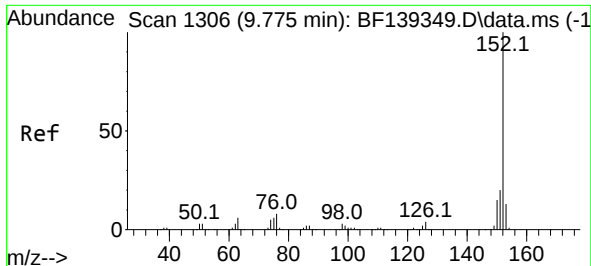
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#48
2-Nitroaniline
Concen: 67.246 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion: 65 Resp: 193155
Ion Ratio Lower Upper
65 100
92 63.3 50.3 75.5
138 92.7 71.3 106.9





#49
Acenaphthylene
Concen: 69.199 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

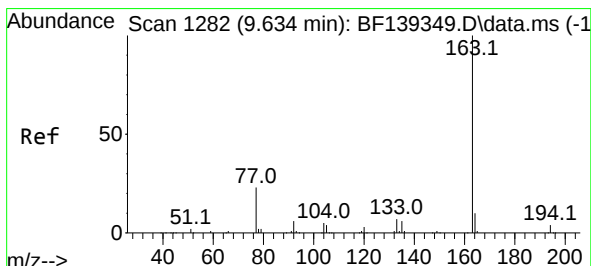
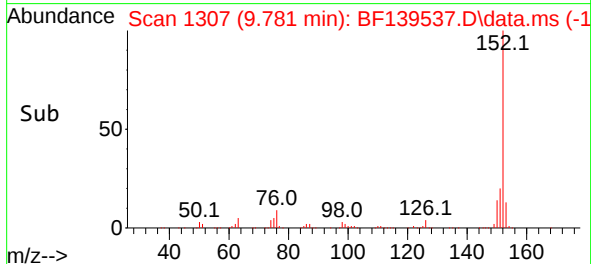
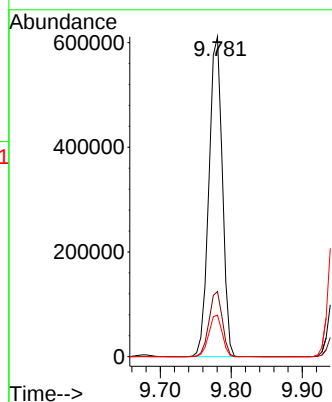
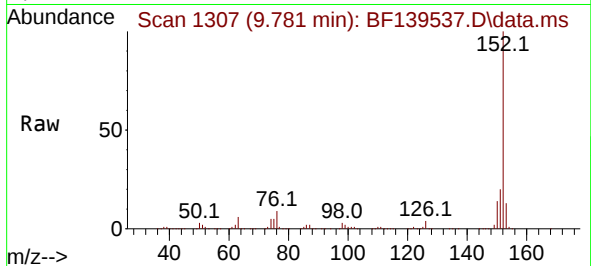
STOCK-PILEMSD

Tgt Ion:152 Resp: 804420
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations

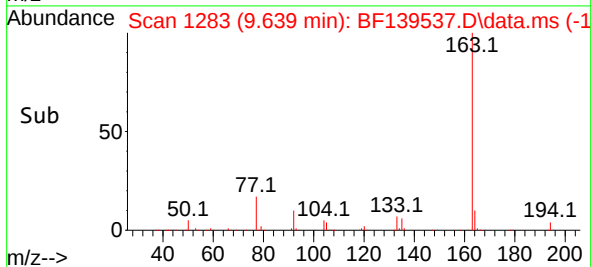
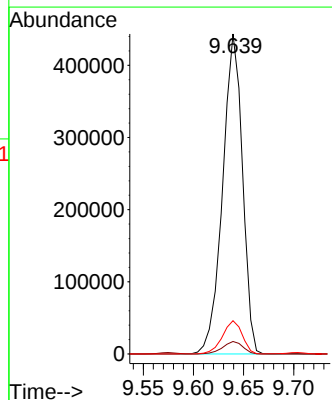
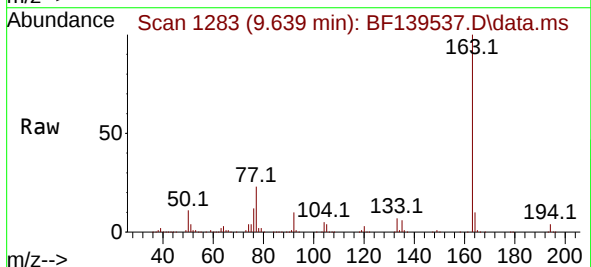
APPROVED

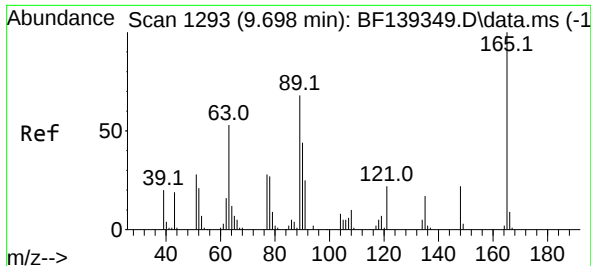
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#50
Dimethylphthalate
Concen: 69.154 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

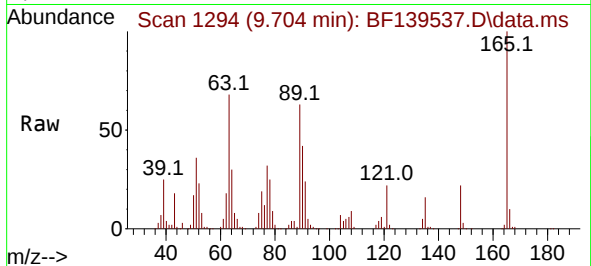
Tgt Ion:163 Resp: 609359
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 67.322 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

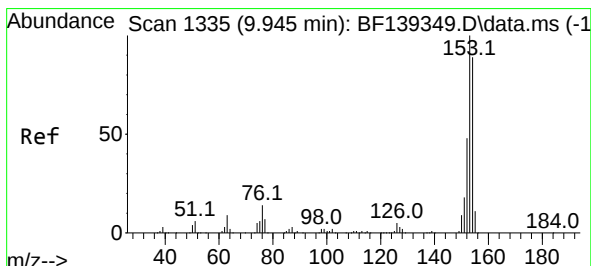
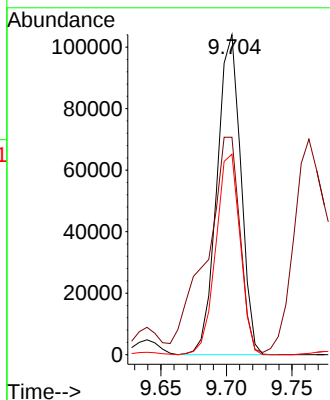
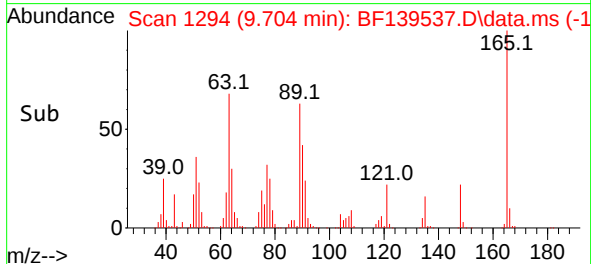
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:165 Resp: 13141
Ion Ratio Lower Upper
165 100
63 68.0 60.9 91.3
89 62.6 54.7 82.1

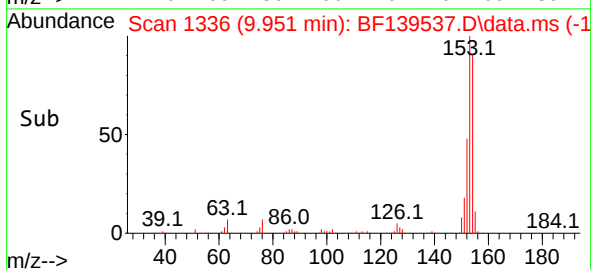
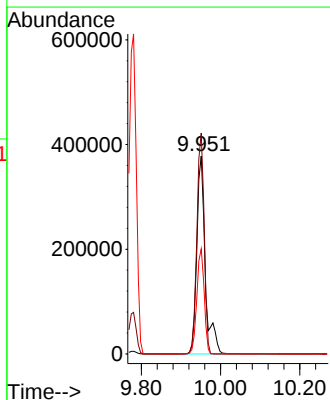
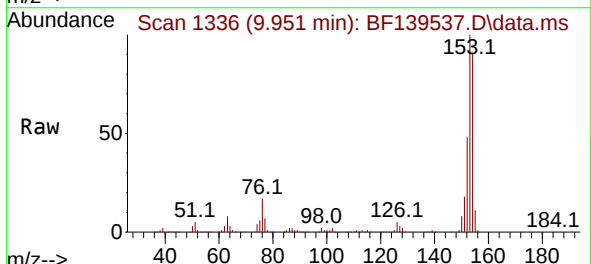
Manual Integrations
APPROVED

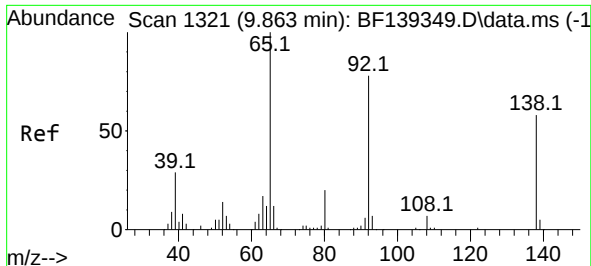
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#52
Acenaphthene
Concen: 69.140 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Tgt Ion:154 Resp: 560954
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.1 42.6 64.0





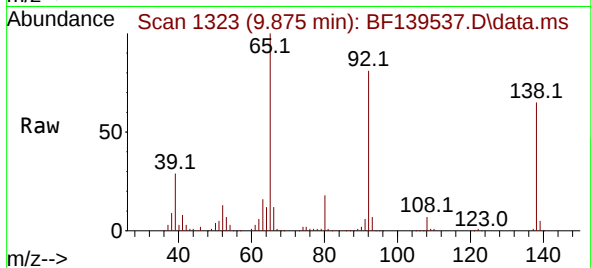
#53
3-Nitroaniline
Concen: 55.023 ng
RT: 9.875 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

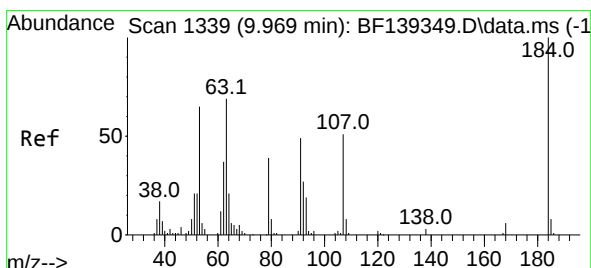
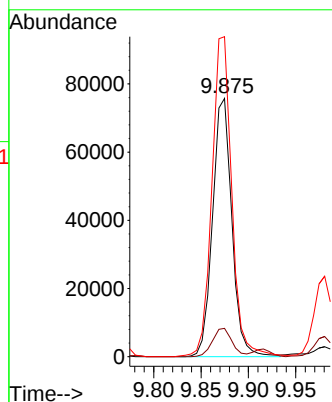
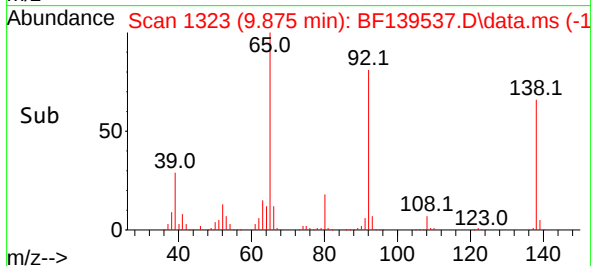


Tgt Ion:138 Resp: 107340
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 123.9 107.4 161.2

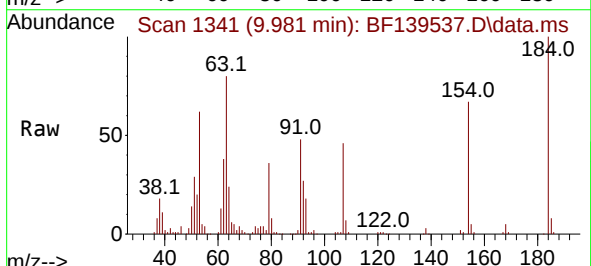
Manual Integrations

APPROVED

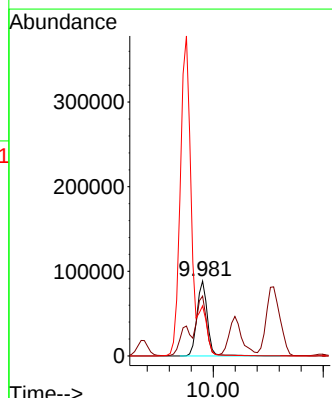
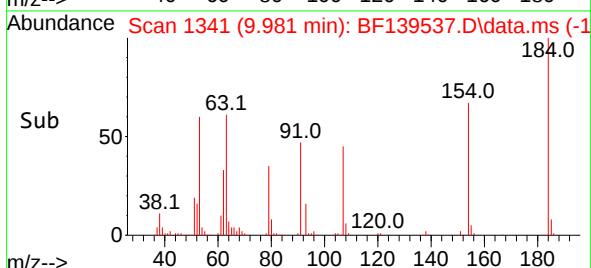
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

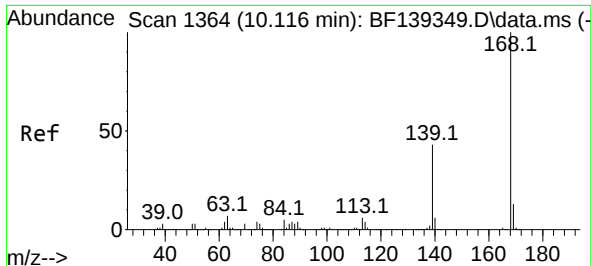


#54
2,4-Dinitrophenol
Concen: 107.820 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



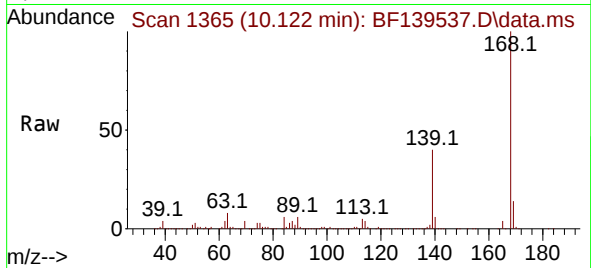
Tgt Ion:184 Resp: 117278
Ion Ratio Lower Upper
184 100
63 80.0 69.3 103.9
154 66.9 67.5 101.3#





#55
Dibenzenofuran
Concen: 64.946 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

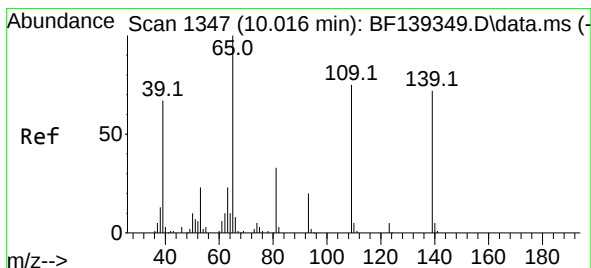
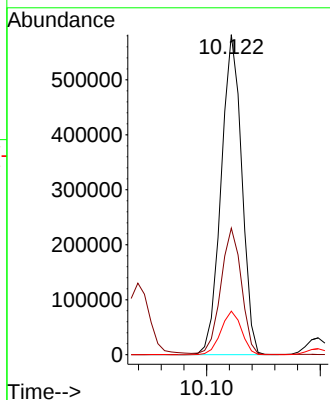
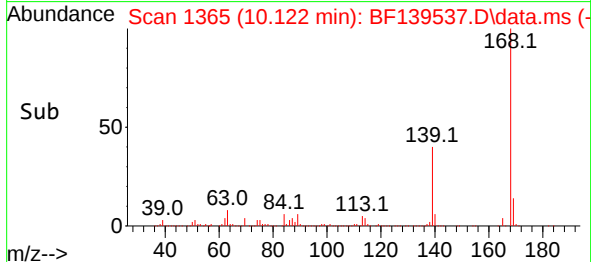
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:168 Resp: 73443
Ion Ratio Lower Upper
168 100
139 39.5 34.1 51.1
169 13.6 10.5 15.7

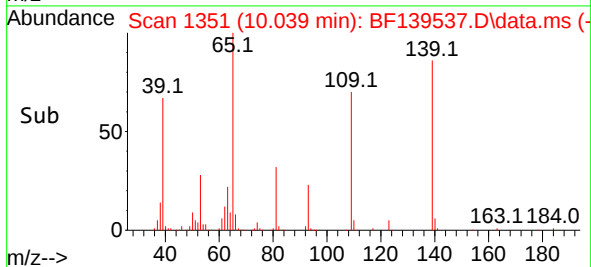
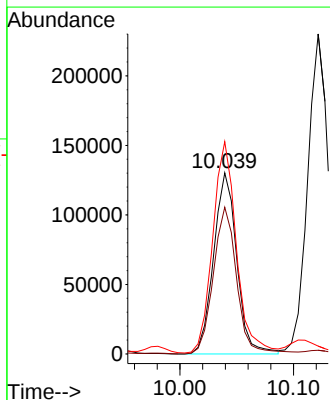
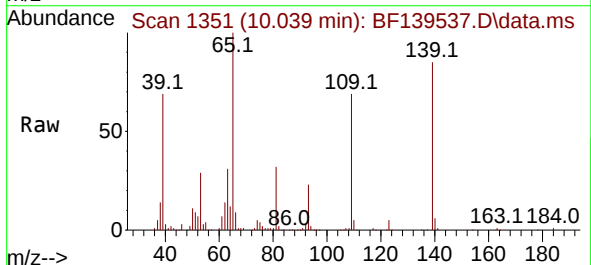
Manual Integrations
APPROVED

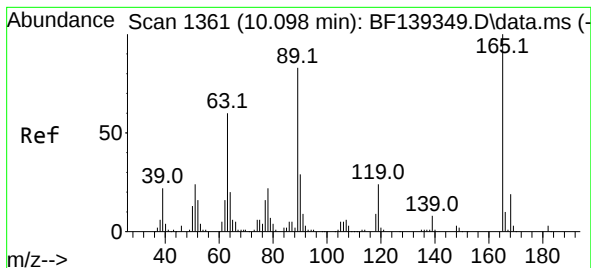
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#56
4-Nitrophenol
Concen: 114.472 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

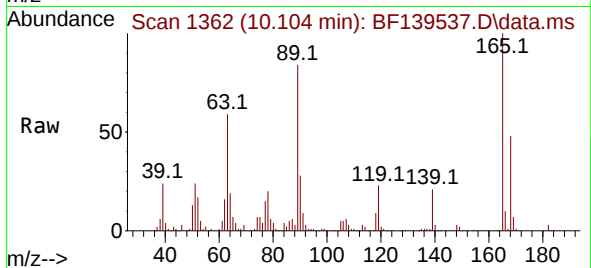
Tgt Ion:139 Resp: 184783
Ion Ratio Lower Upper
139 100
109 81.1 84.1 124.1#
65 117.3 120.0 160.0#





#57
2,4-Dinitrotoluene
Concen: 68.963 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

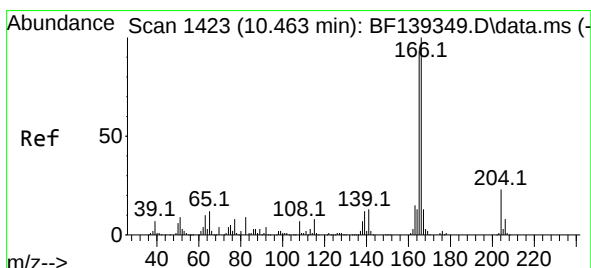
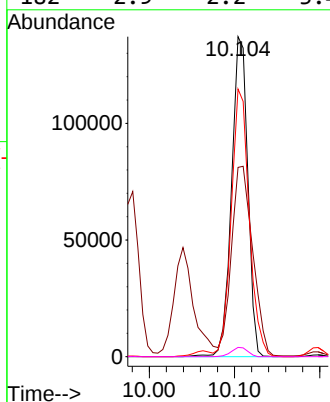
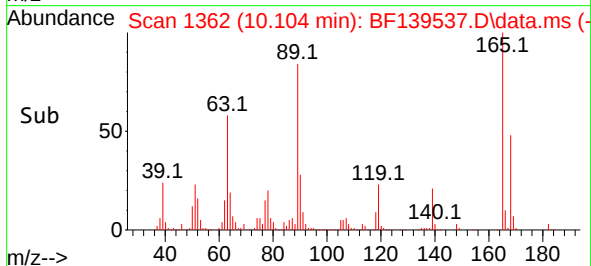
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:165 Resp: 18174
Ion Ratio Lower Upper
165 100
63 59.1 47.8 71.6
89 83.7 66.7 100.1
182 2.9 2.2 3.4

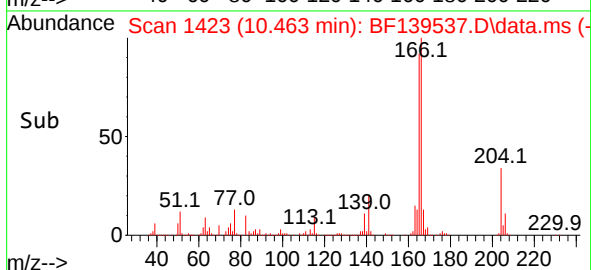
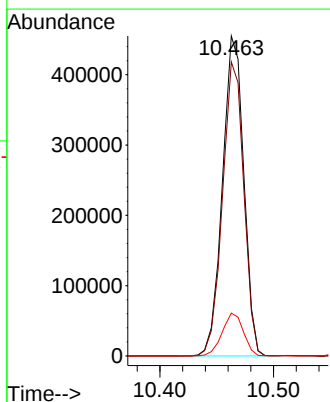
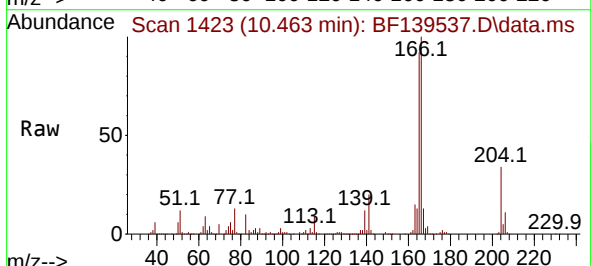
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#58
Fluorene
Concen: 64.227 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

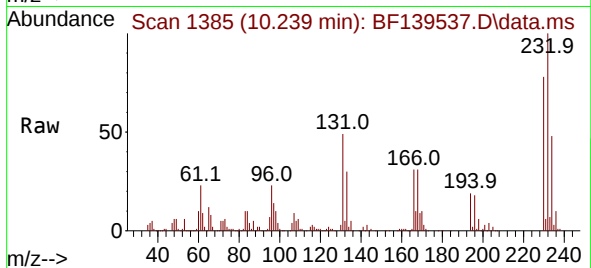
Tgt Ion:166 Resp: 592598
Ion Ratio Lower Upper
166 100
165 91.9 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 67.559 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

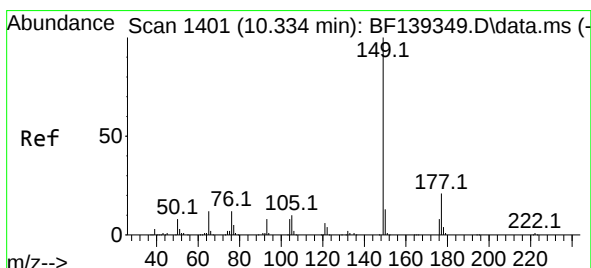
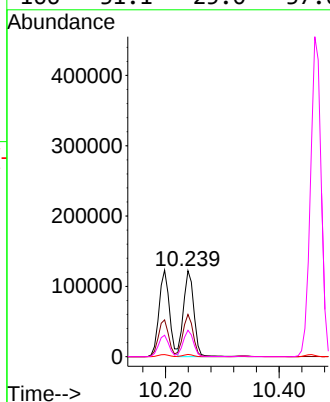
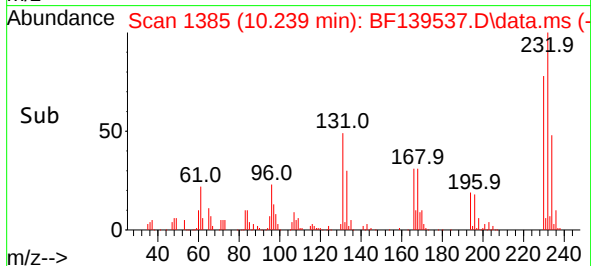
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:232 Resp: 152602
Ion Ratio Lower Upper
232 100
131 49.4 40.7 61.1
130 2.6 2.2 3.2
166 31.1 25.0 37.6

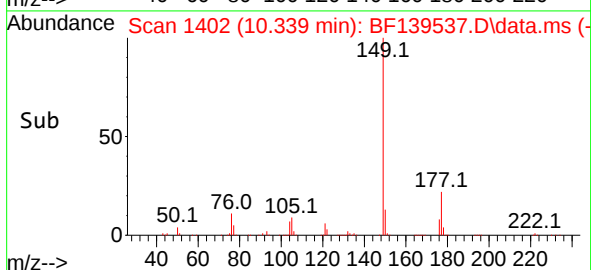
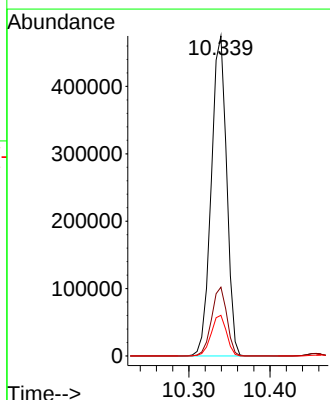
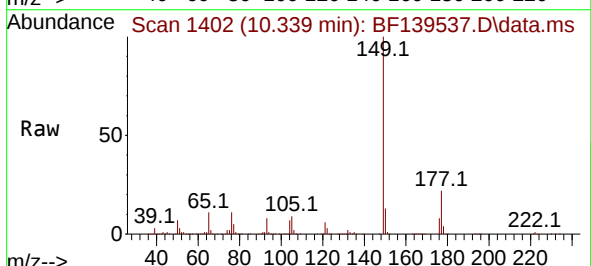
Manual Integrations
APPROVED

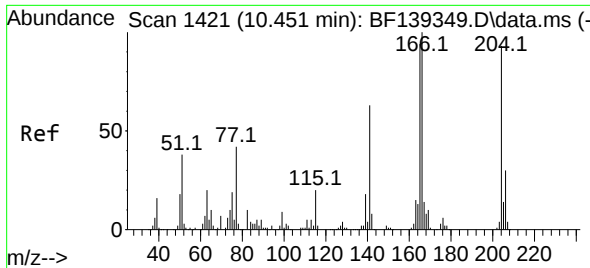
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#60
Diethylphthalate
Concen: 68.617 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

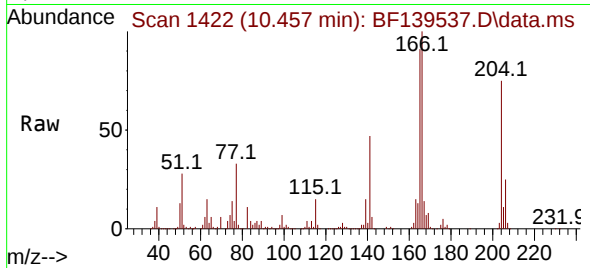
Tgt Ion:149 Resp: 623954
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 63.147 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

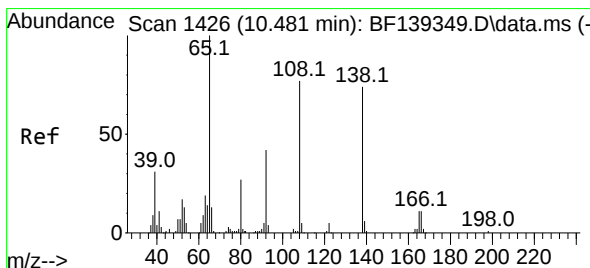
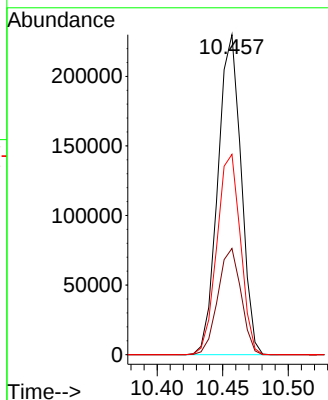
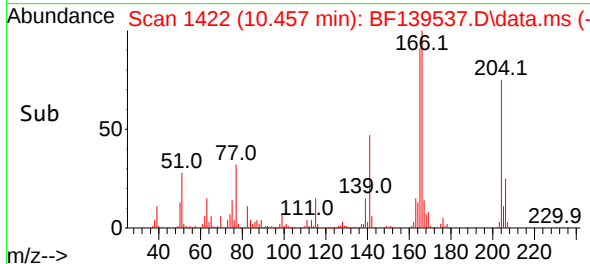
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



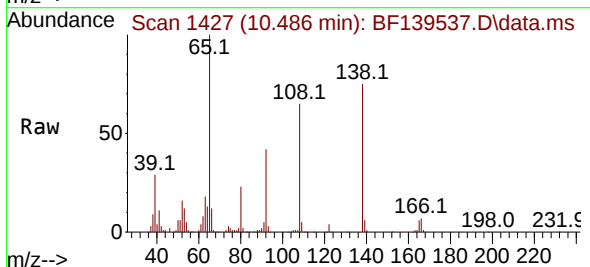
Tgt Ion:204 Resp: 28315
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 62.6 53.9 80.9

Manual Integrations
APPROVED

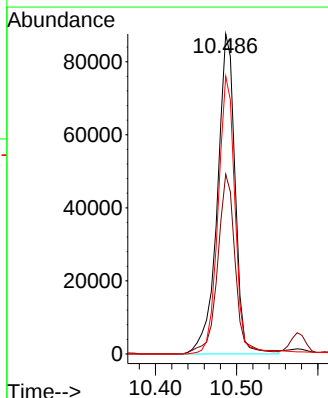
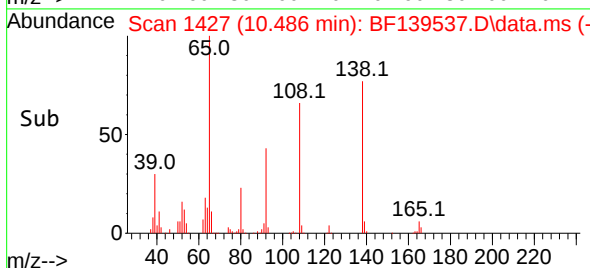
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

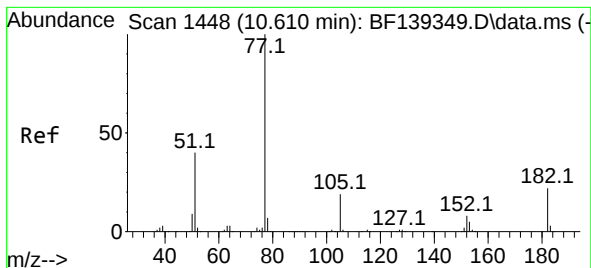


#62
4-Nitroaniline
Concen: 62.868 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:138 Resp: 133853
Ion Ratio Lower Upper
138 100
92 56.2 37.0 77.0
108 86.8 84.4 124.4





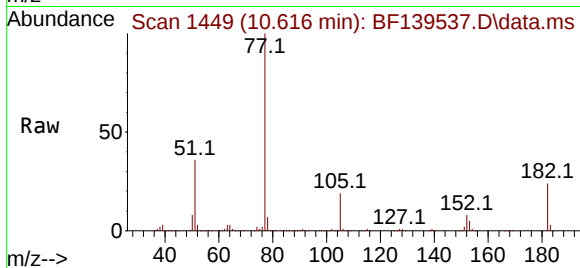
#63
Azobenzene
Concen: 69.220 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

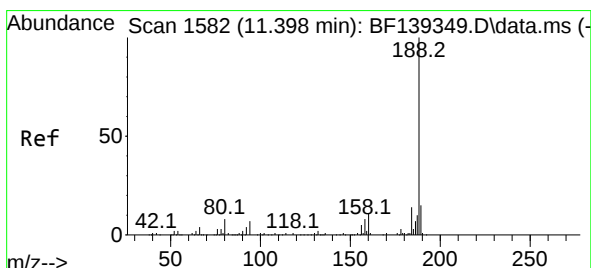
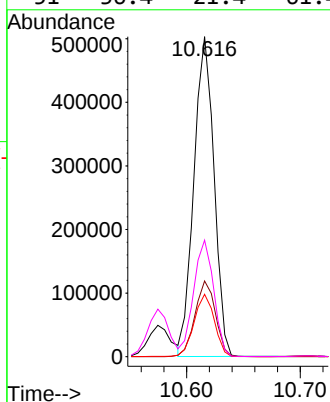
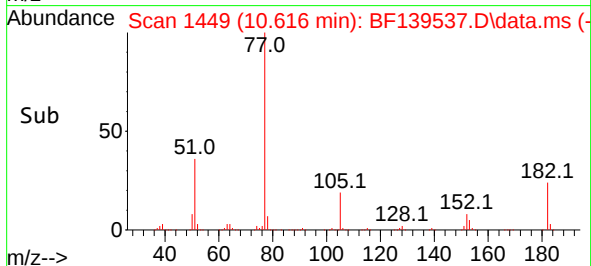


Tgt Ion: 77 Resp: 619078
Ion Ratio Lower Upper
77 100
182 23.7 1.8 41.8
105 19.5 0.0 38.6
51 36.4 21.4 61.4

Manual Integrations

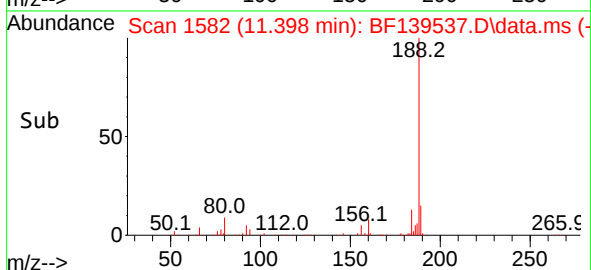
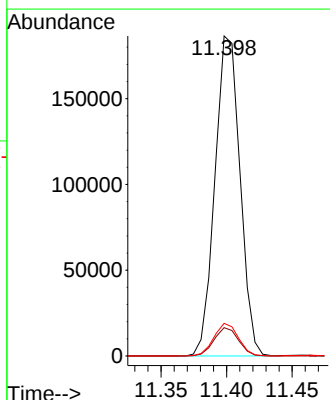
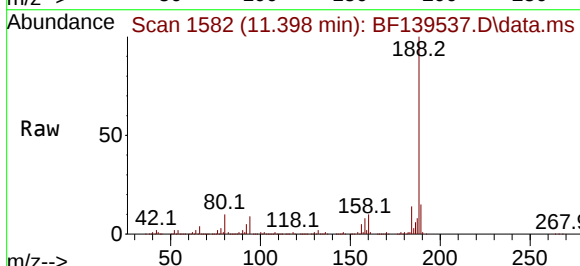
APPROVED

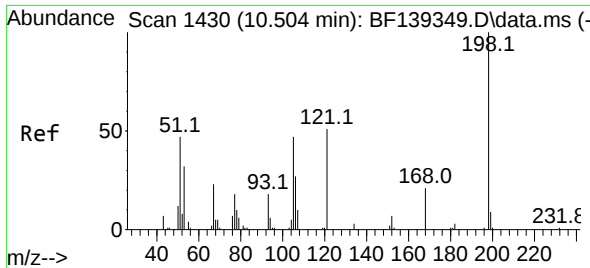
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

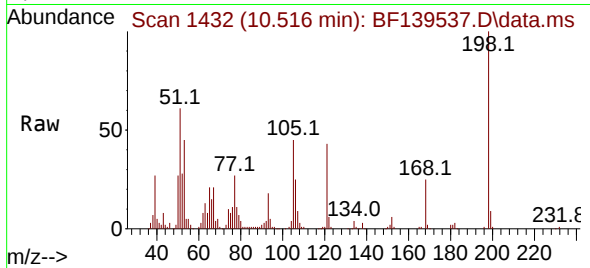
Tgt Ion:188 Resp: 248273
Ion Ratio Lower Upper
188 100
94 8.8 5.5 8.3#
80 10.2 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 62.386 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

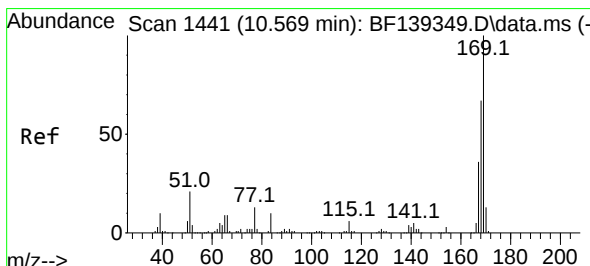
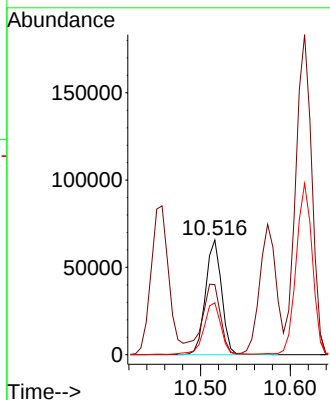
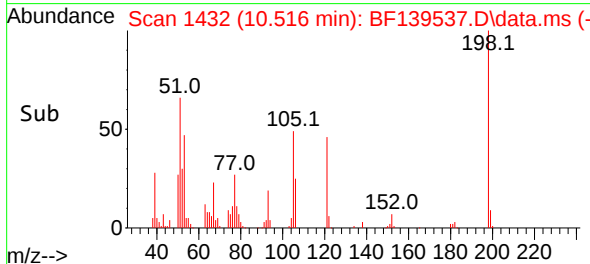
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:198 Resp: 81748
Ion Ratio Lower Upper
198 100
51 61.1 50.4 90.4
105 45.2 28.3 68.3

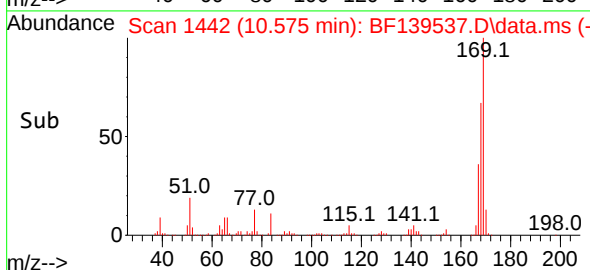
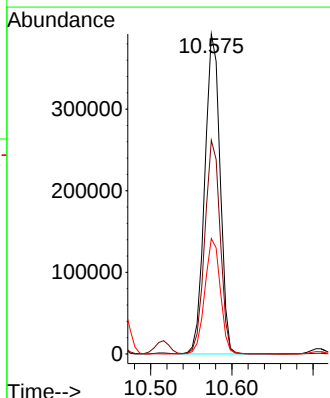
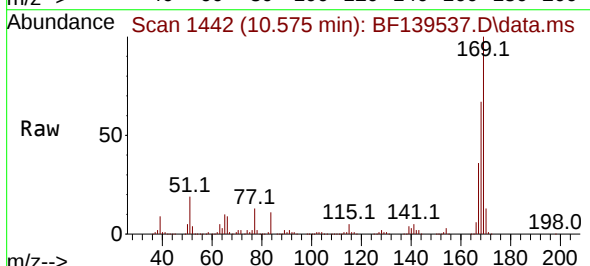
Manual Integrations
APPROVED

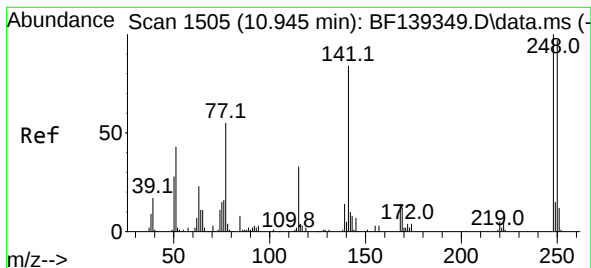
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#66
n-Nitrosodiphenylamine
Concen: 70.546 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

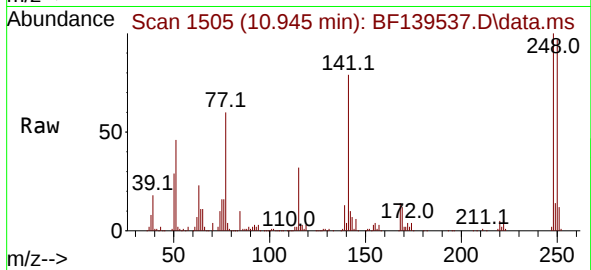
Tgt Ion:169 Resp: 512068
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 70.307 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

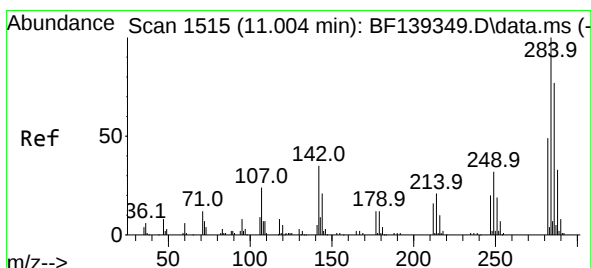
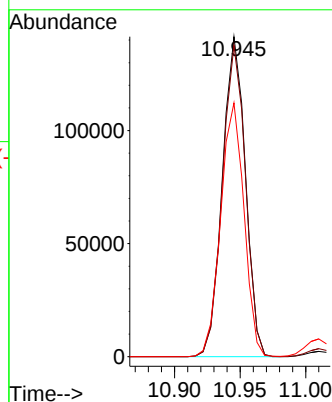
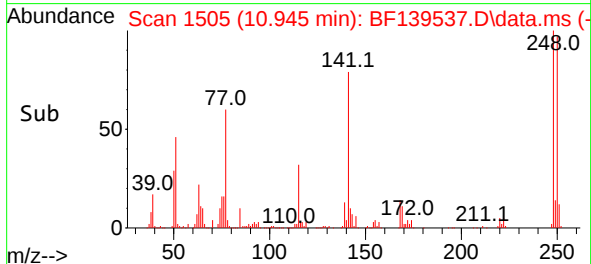
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



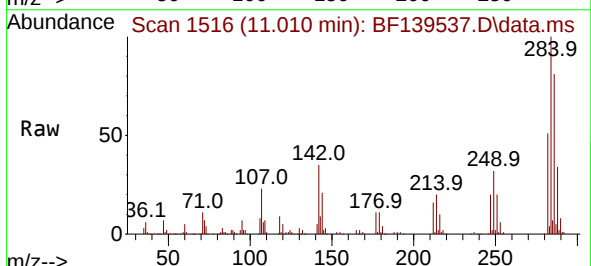
Tgt Ion:248 Resp: 17297
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 79.3 66.9 100.3

Manual Integrations
APPROVED

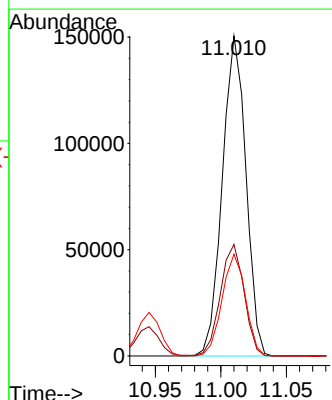
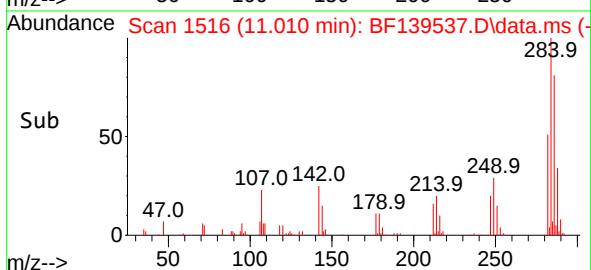
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#68
Hexachlorobenzene
Concen: 65.179 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:284 Resp: 188205
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 31.8 25.3 37.9





#69

Atrazine

Concen: 95.297 ng

RT: 11.104 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF139537.D

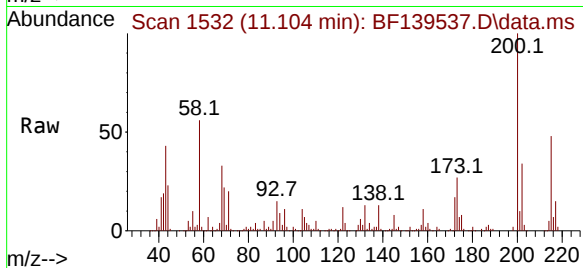
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



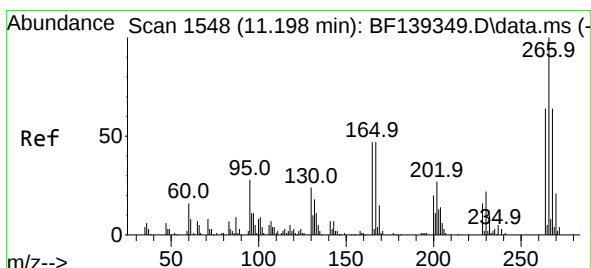
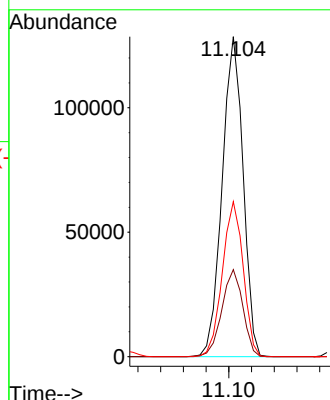
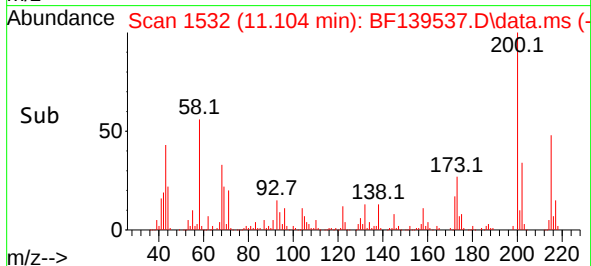
Tgt Ion:200 Resp: 164679

Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.1	46.1
215	48.5	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#70

Pentachlorophenol

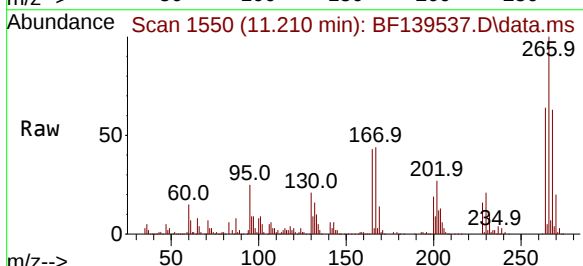
Concen: 117.790 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

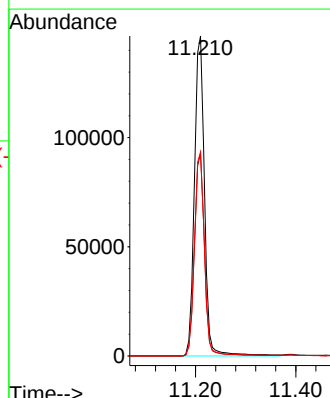
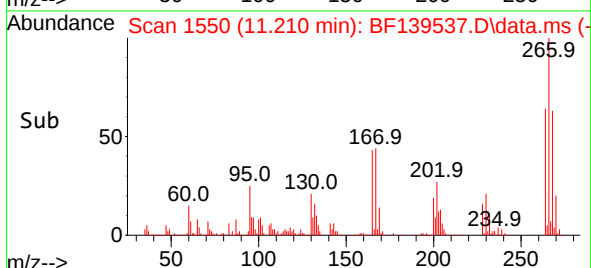
Lab File: BF139537.D

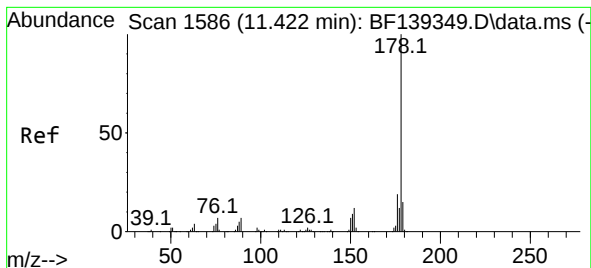
Acq: 25 Sep 2024 19:18



Tgt Ion:266 Resp: 204085

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.8	51.4	77.0





#71

Phenanthrene

Concen: 68.566 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

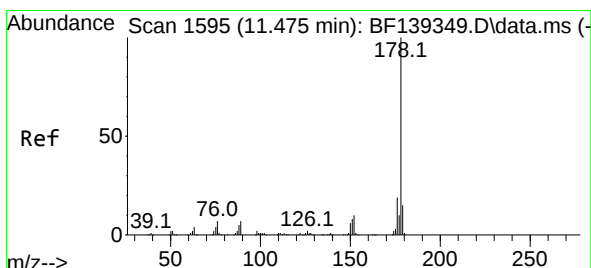
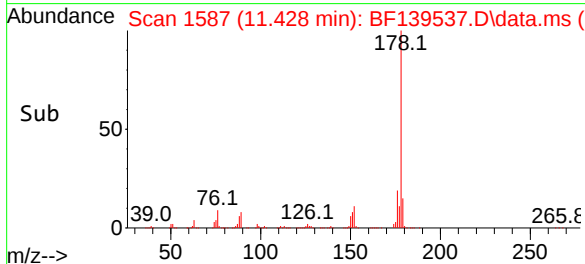
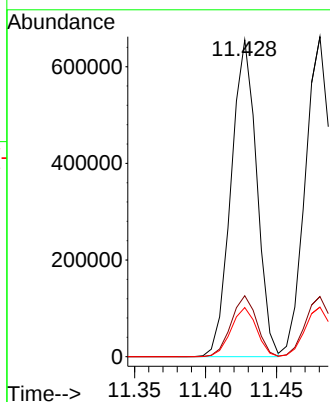
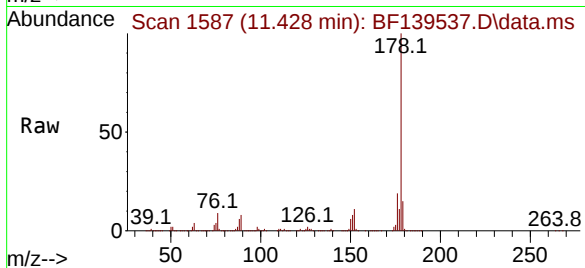
STOCK-PILEMSD

Tgt Ion:178 Resp: 821295
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.5 12.2 18.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#72

Anthracene

Concen: 71.733 ng

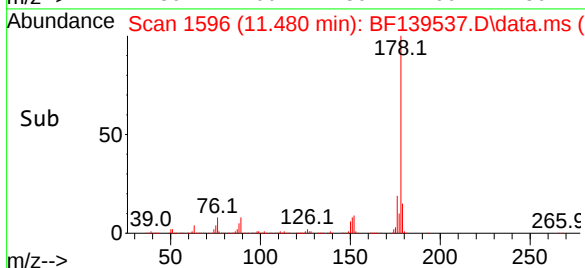
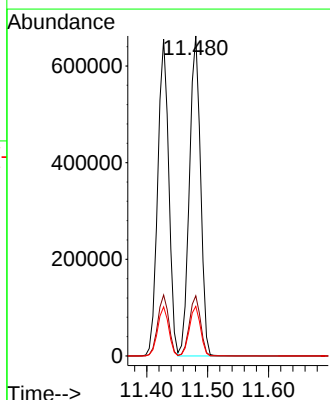
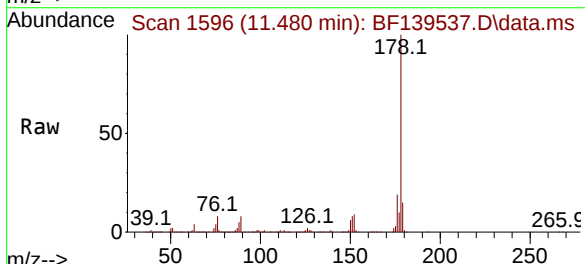
RT: 11.480 min Scan# 1596

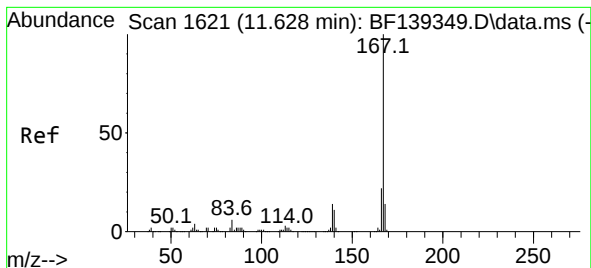
Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:178 Resp: 840087
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 15.5 12.0 18.0





#73

Carbazole

Concen: 65.216 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

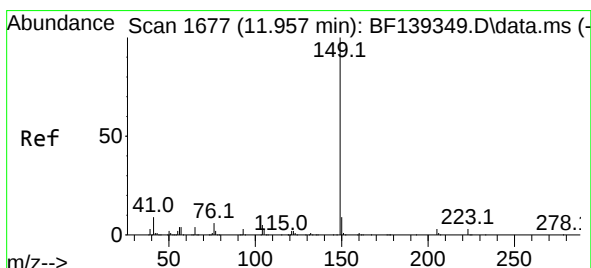
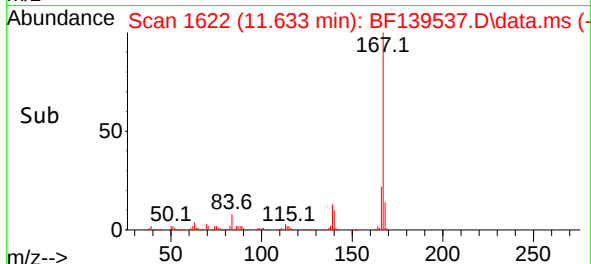
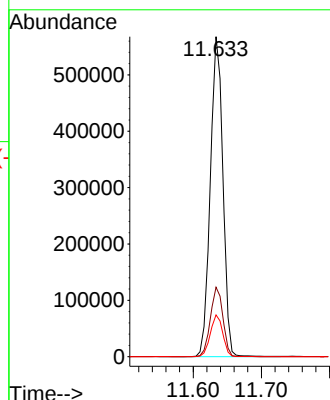
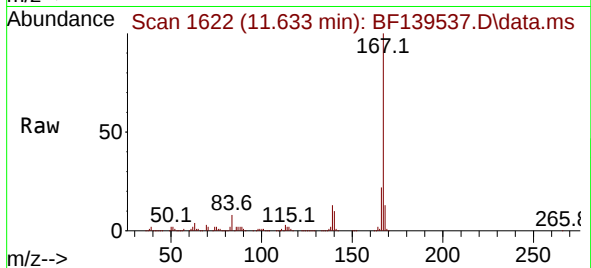
STOCK-PILEMSD

Tgt Ion:167	Resp: 730994
Ion Ratio	Lower Upper
167 100	
166 21.7	17.5 26.3
139 13.0	10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#74

Di-n-butylphthalate

Concen: 74.792 ng

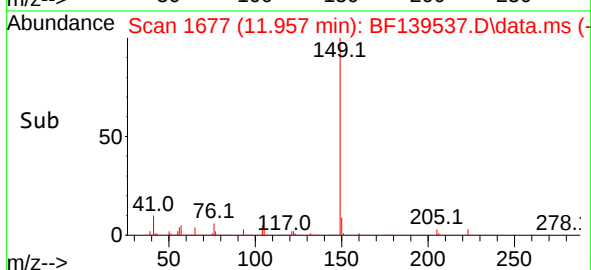
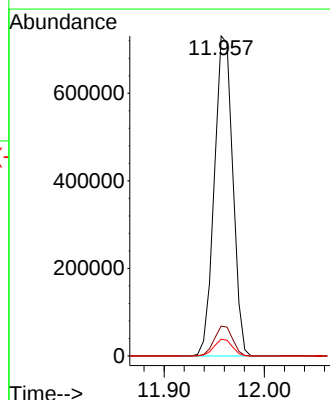
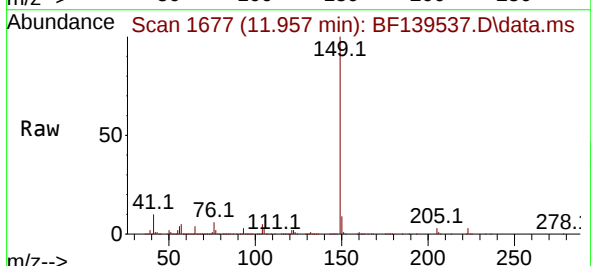
RT: 11.957 min Scan# 1677

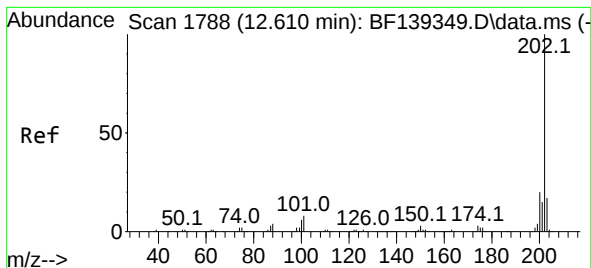
Delta R.T. -0.000 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Tgt Ion:149	Resp: 933881
Ion Ratio	Lower Upper
149 100	
150 9.4	7.3 10.9
104 5.2	4.3 6.5





#75

Fluoranthene

Concen: 62.533 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139537.D

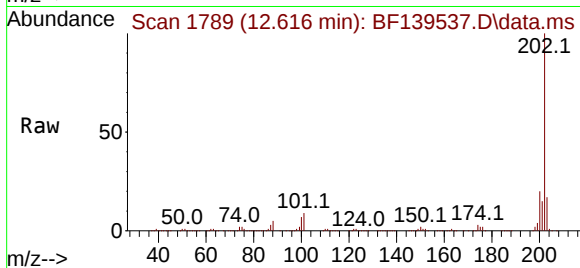
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

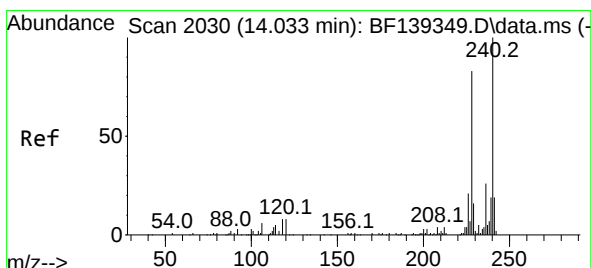
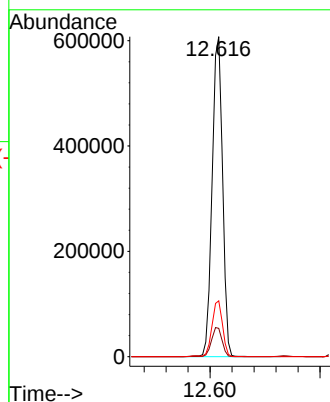
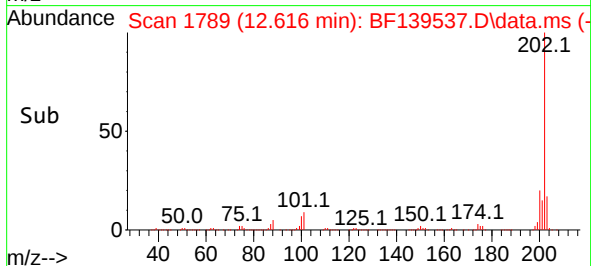


Tgt Ion:	202	Resp:	79989
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	27.7
203	17.4	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

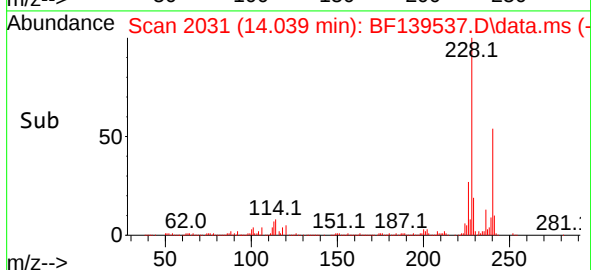
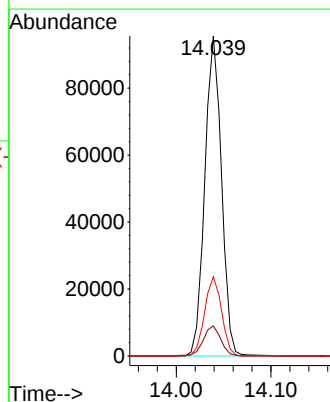
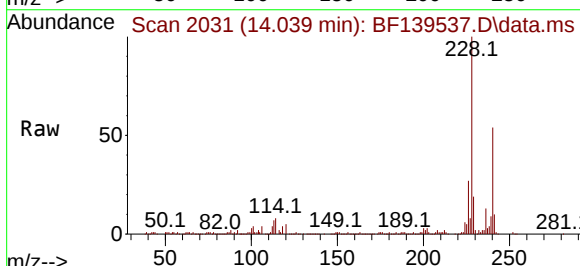
RT: 14.039 min Scan# 2031

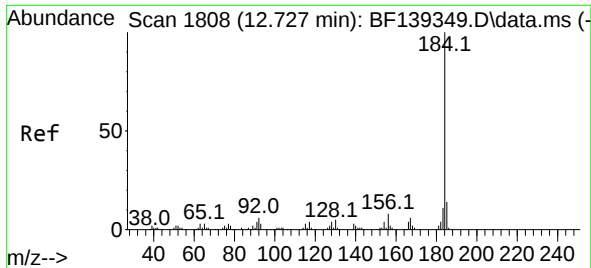
Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

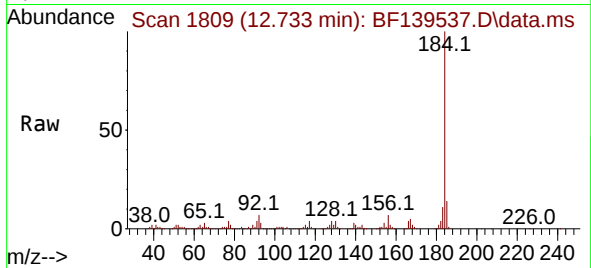
Tgt Ion:	240	Resp:	116771
Ion Ratio	Lower	Upper	
240	100		
120	9.4	6.2	9.2#
236	24.8	20.9	31.3





#77
Benzidine
Concen: 193.021 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

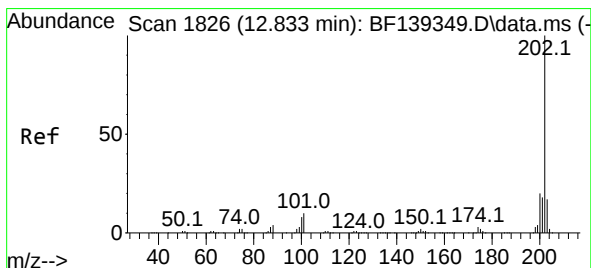
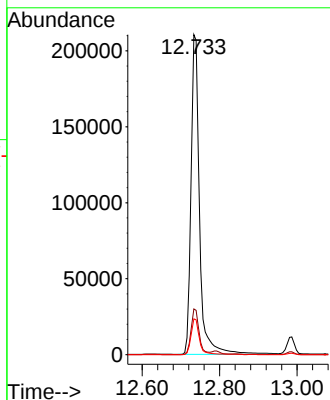
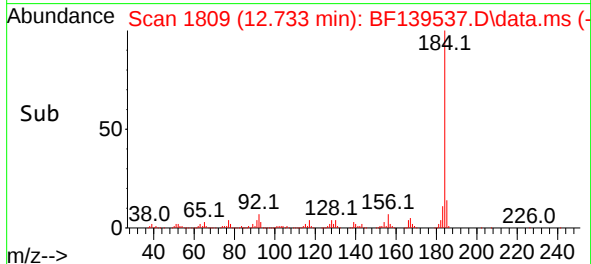
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



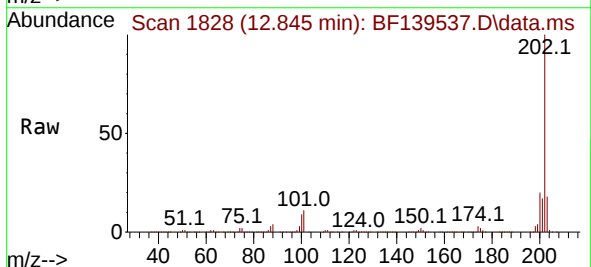
Tgt Ion:184 Resp: 32292
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.2 8.9 13.3

Manual Integrations
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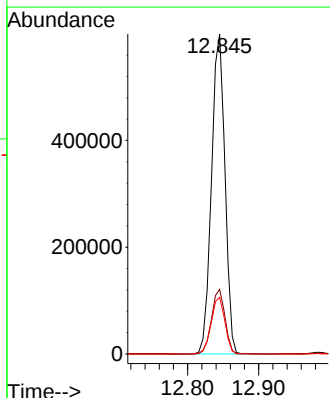
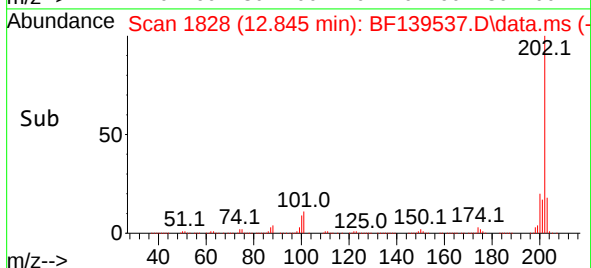
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#78
Pyrene
Concen: 78.598 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:202 Resp: 788055
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 145.364 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139537.D

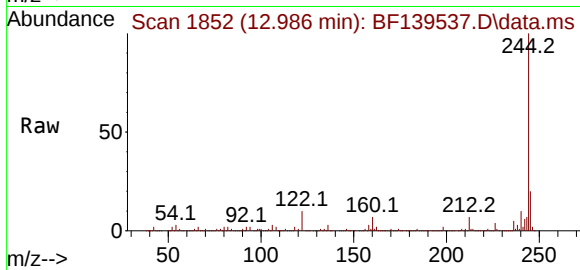
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD



Tgt Ion:244 Resp: 103414

Ion Ratio Lower Upper

244 100

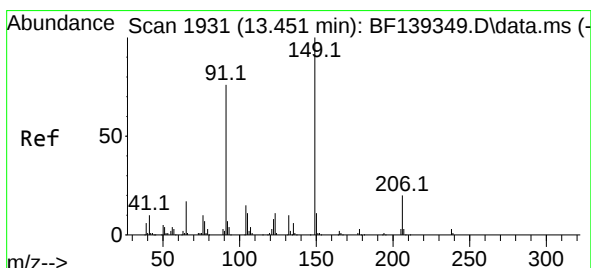
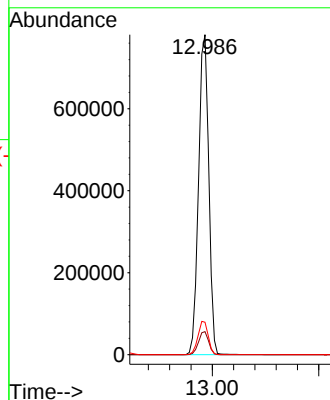
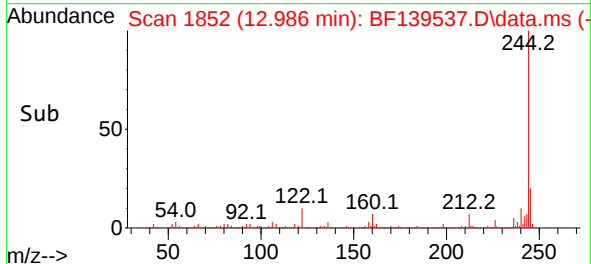
212 7.2 6.0 9.0

122 10.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#80

Butylbenzylphthalate

Concen: 80.742 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

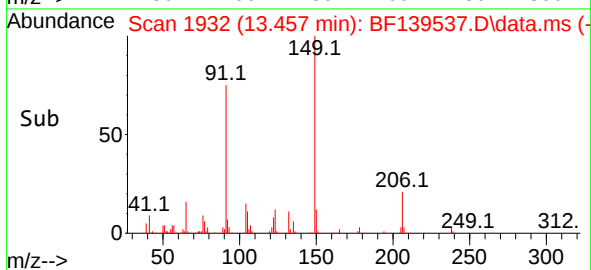
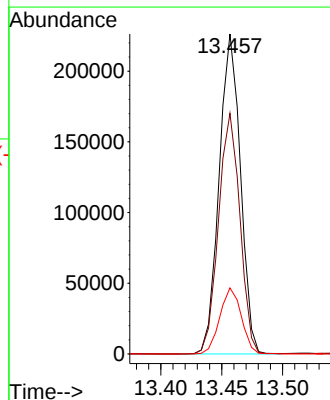
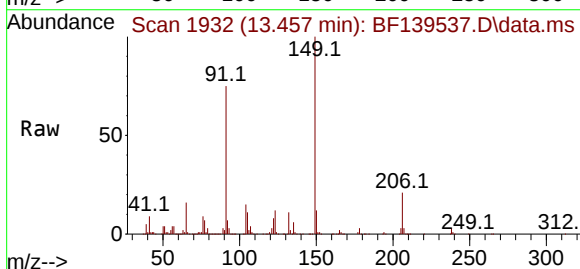
Tgt Ion:149 Resp: 275554

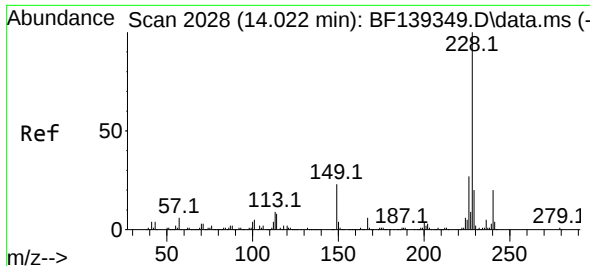
Ion Ratio Lower Upper

149 100

91 75.2 60.9 91.3

206 20.7 15.8 23.8





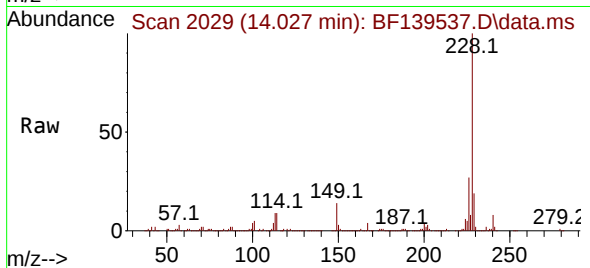
#81
Benzo(a)anthracene
Concen: 70.141 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

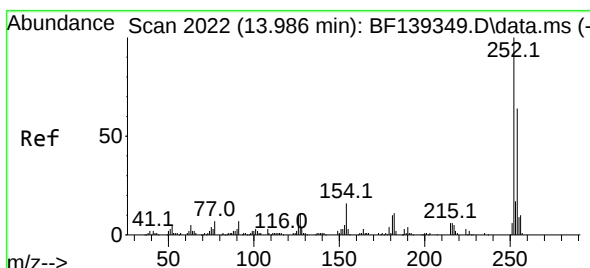
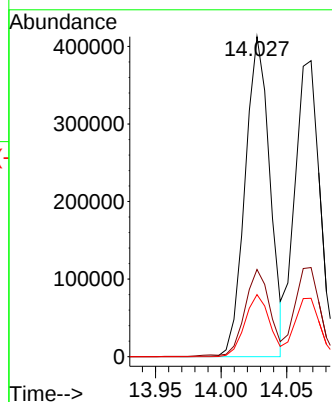
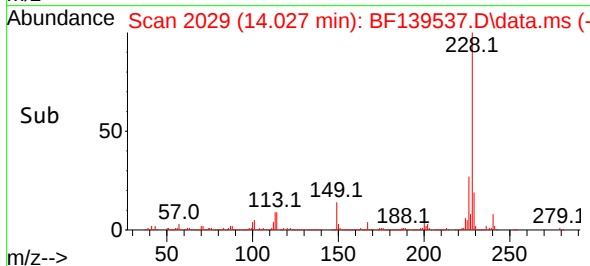


Tgt Ion:228 Resp: 542529
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.4 15.7 23.5

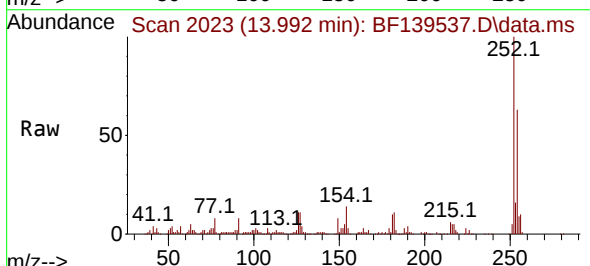
Manual Integrations

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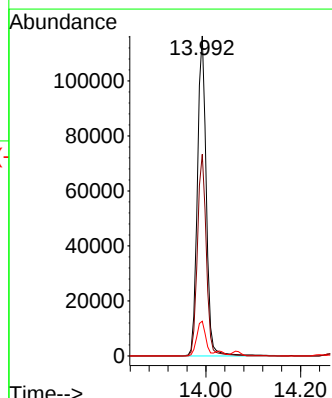
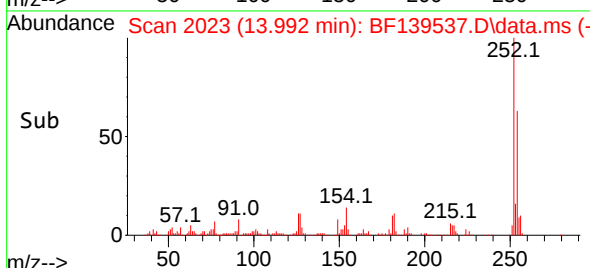
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

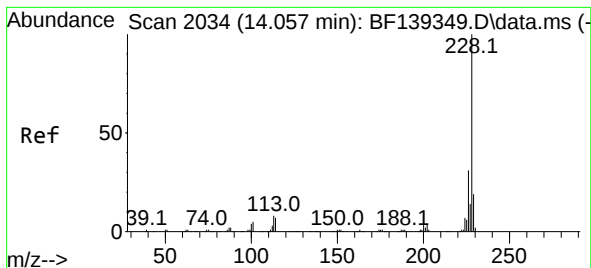


#82
3,3'-Dichlorobenzidine
Concen: 66.648 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:252 Resp: 150968
Ion Ratio Lower Upper
252 100
254 63.0 51.4 77.2
126 10.9 7.7 11.5





#83

Chrysene

Concen: 70.916 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.012 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMSD

Tgt Ion:228 Resp: 504649

Ion Ratio Lower Upper

228 100

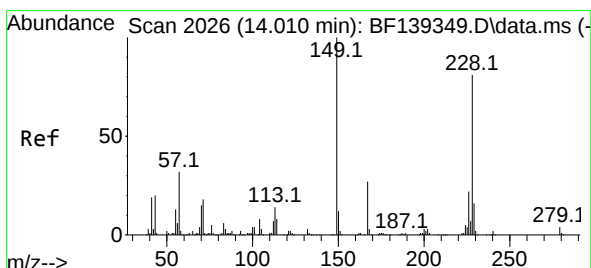
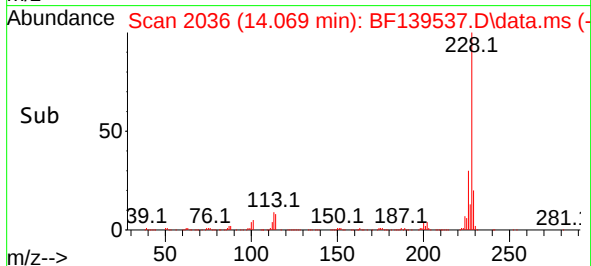
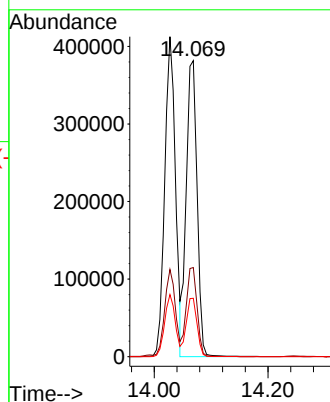
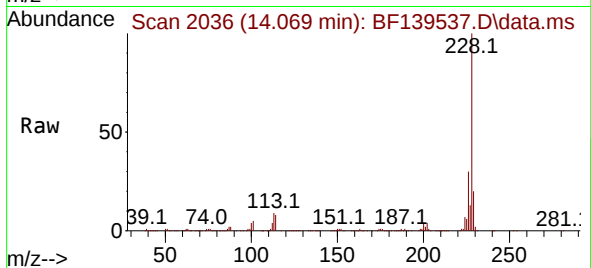
226 30.1 24.1 36.1

229 19.7 15.4 23.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.679 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139537.D

Acq: 25 Sep 2024 19:18

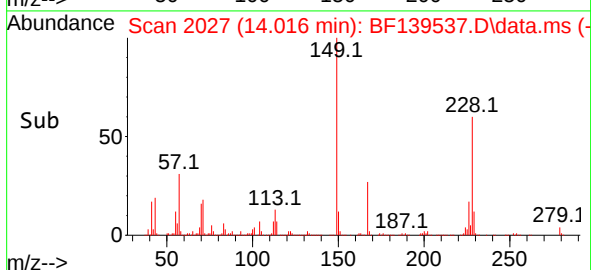
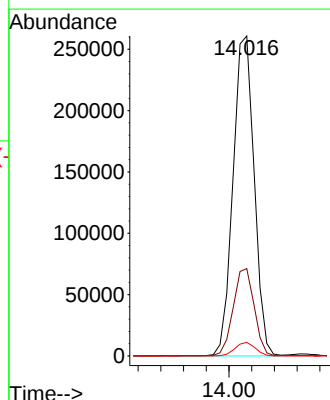
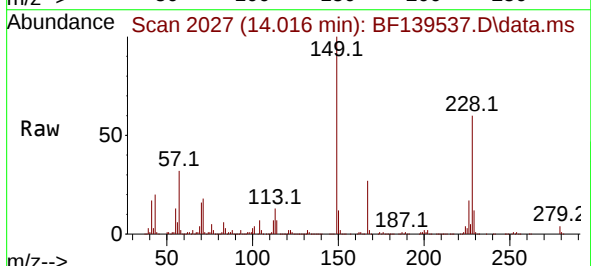
Tgt Ion:149 Resp: 337242

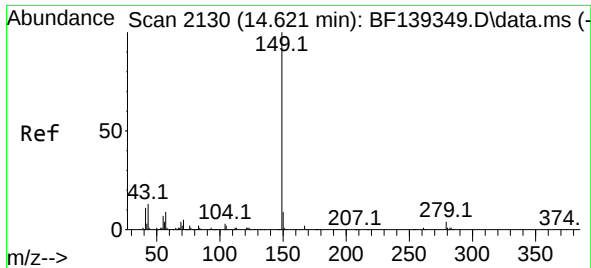
Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

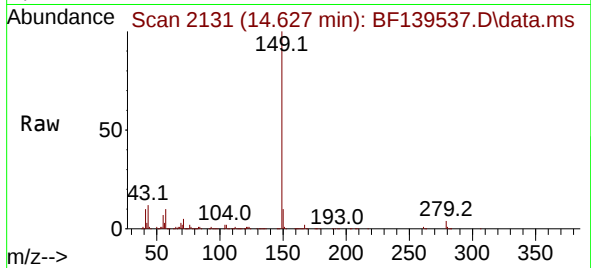
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 80.904 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

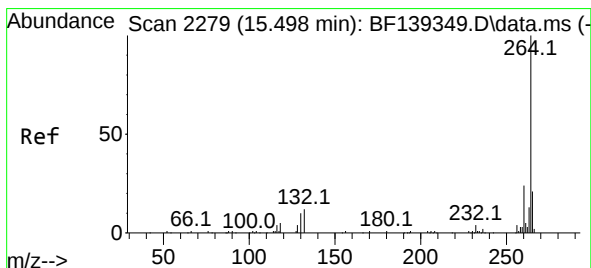
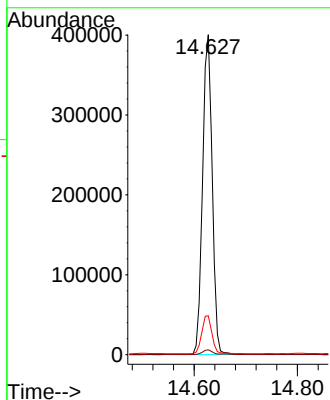
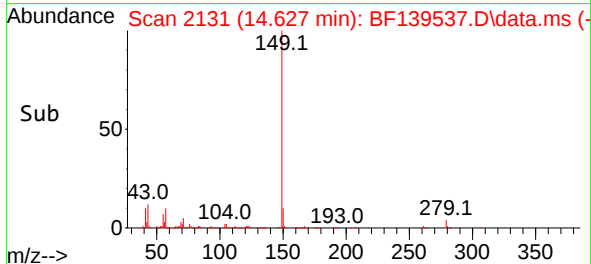
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



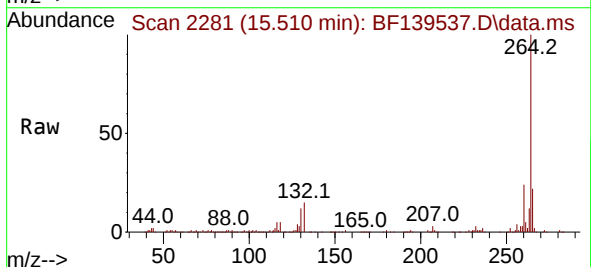
Tgt Ion:149 Resp: 517279
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.4 10.6 16.0

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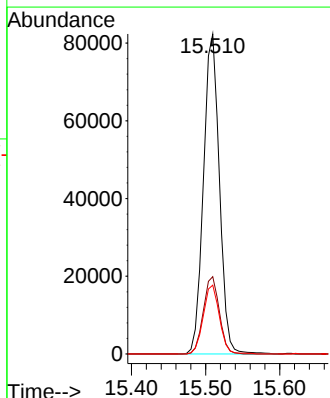
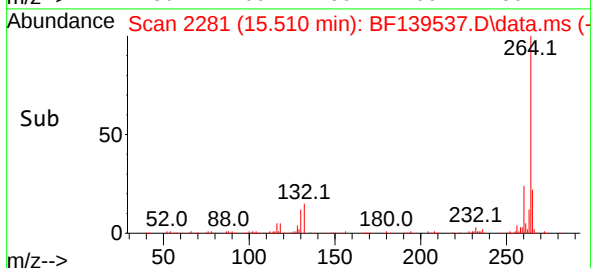
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

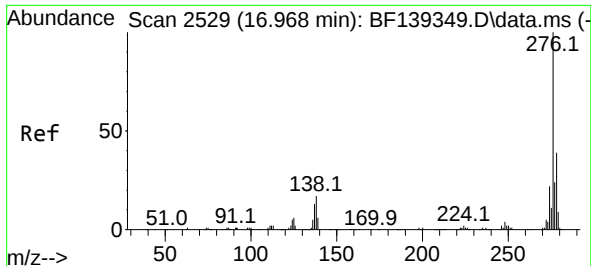


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



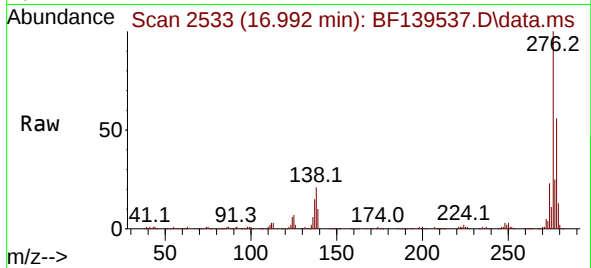
Tgt Ion:264 Resp: 122873
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.5 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 63.957 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

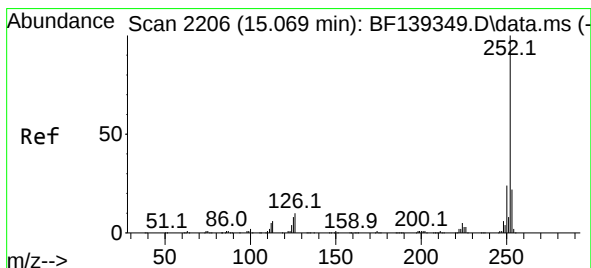
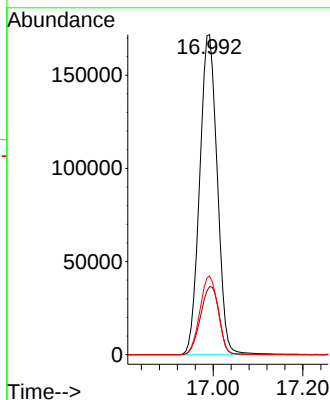
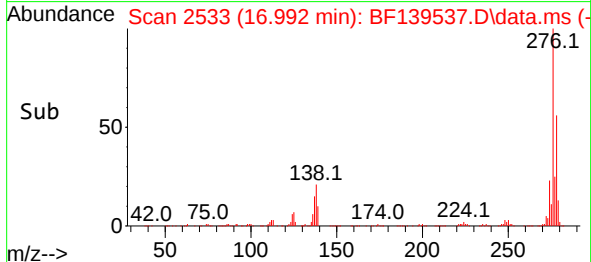
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



Tgt Ion:276 Resp: 467294
Ion Ratio Lower Upper
276 100
138 22.7 15.4 23.2
277 25.3 20.4 30.6

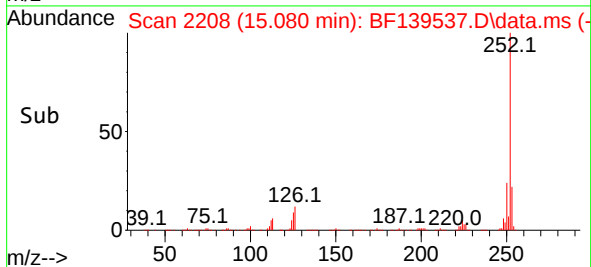
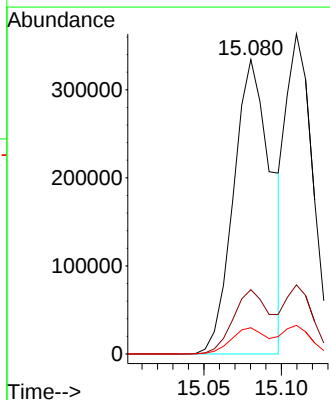
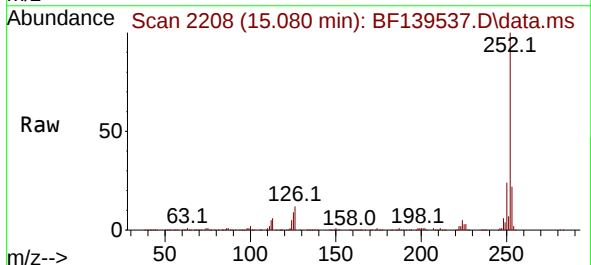
Manual Integrations
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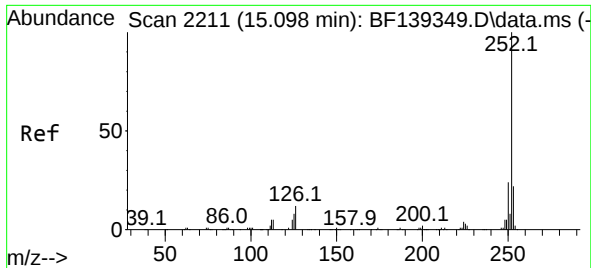
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#88
Benzo(b)fluoranthene
Concen: 74.478 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

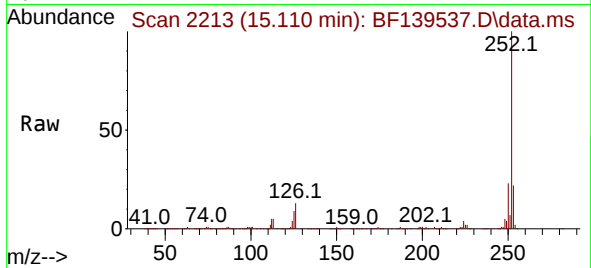
Tgt Ion:252 Resp: 564393
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.9 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 61.925 ng
RT: 15.110 min Scan# 2211
Delta R.T. 0.012 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

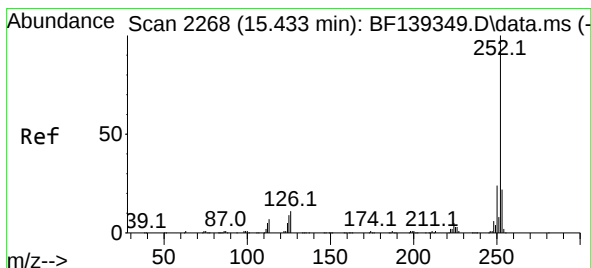
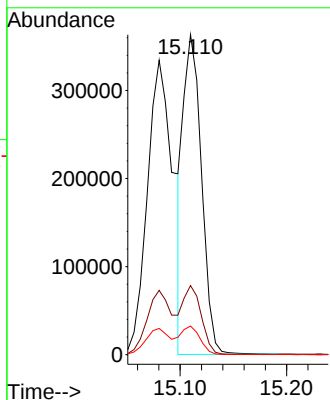
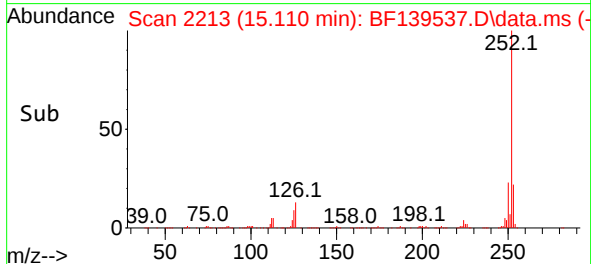
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



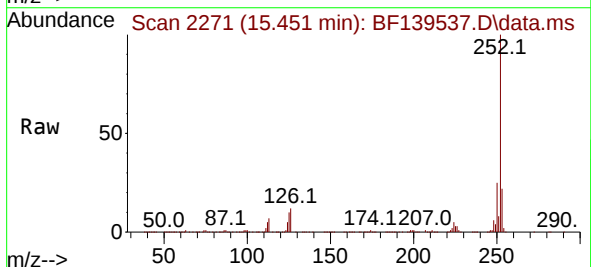
Tgt Ion:252 Resp: 432678
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.0 5.9 8.9

Manual Integrations
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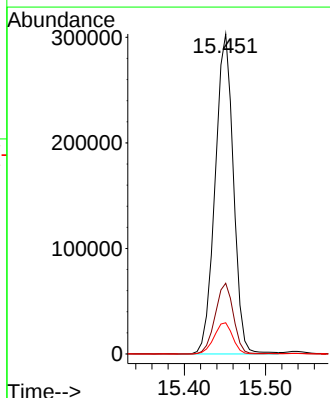
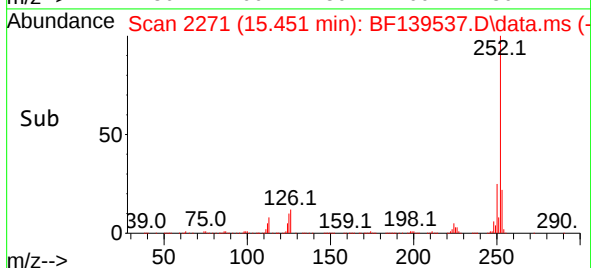
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

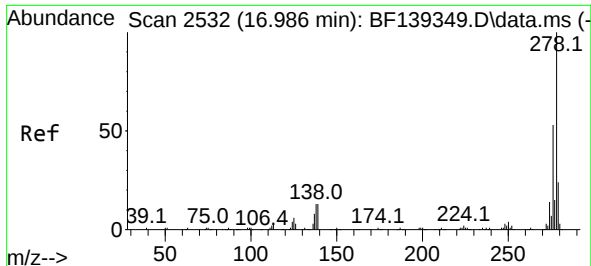


#90
Benzo(a)pyrene
Concen: 75.547 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.018 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



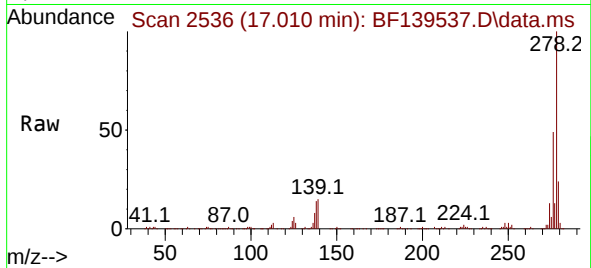
Tgt Ion:252 Resp: 474801
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.8 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 63.224 ng
RT: 17.010 min Scan# 2536
Delta R.T. 0.023 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18

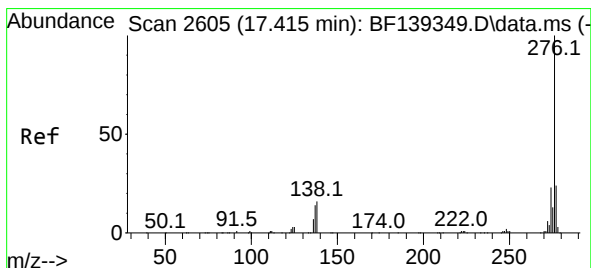
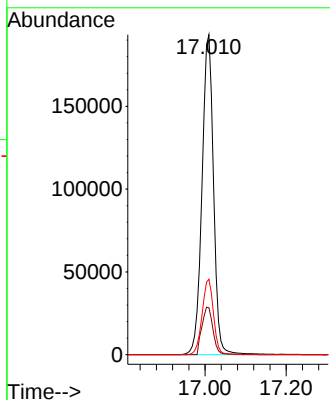
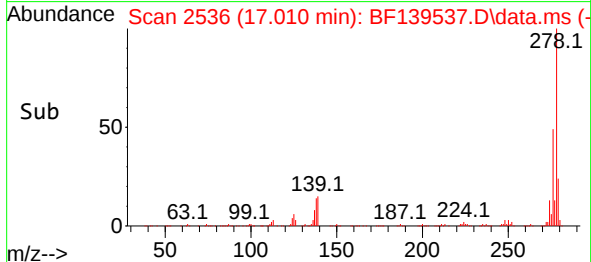
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMSD



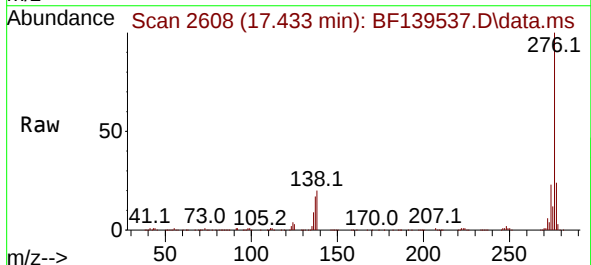
Tgt Ion:278 Resp: 38171
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 23.6 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#92
Benzo(g,h,i)perylene
Concen: 54.229 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139537.D
Acq: 25 Sep 2024 19:18



Tgt Ion:276 Resp: 324172
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 19.7 13.0 19.6#

