

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139319.D
 Acq On : 11 Sep 2024 12:17
 Operator : RC/JU
 Sample : PB163274BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BS

Quant Time: Sep 11 12:43:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	119510	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	446391	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	248127	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	451359	20.000	ng	0.00
76) Chrysene-d12	14.074	240	232651	20.000	ng	0.02
86) Perylene-d12	15.598	264	207802	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	907057	126.967	ng	0.01
7) Phenol-d6	6.516	99	1199456	125.767	ng	0.00
23) Nitrobenzene-d5	7.445	82	787026	91.721	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318752	148.768	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1487969	92.569	ng	-0.01
79) Terphenyl-d14	12.992	244	1435596	99.629	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	114108	34.299	ng	100
3) Pyridine	3.534	79	298083	37.118	ng	98
4) n-Nitrosodimethylamine	3.493	42	214672	41.165	ng	99
6) Aniline	6.545	93	369380	42.118	ng	# 89
8) 2-Chlorophenol	6.669	128	336380	45.433	ng	98
9) Benzaldehyde	6.434	77	82955	14.369	ng	99
10) Phenol	6.534	94	439485	43.688	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	323031	44.822	ng	99
12) 1,3-Dichlorobenzene	6.828	146	347635	41.482	ng	99
13) 1,4-Dichlorobenzene	6.904	146	352943	42.077	ng	99
14) 1,2-Dichlorobenzene	7.051	146	338595	43.281	ng	99
15) Benzyl Alcohol	7.022	79	325090	46.741	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	610022	44.463	ng	96
17) 2-Methylphenol	7.133	107	272645	45.081	ng	97
18) Hexachloroethane	7.398	117	133472	44.553	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	255555	46.525	ng	98
20) 3+4-Methylphenols	7.286	107	342497	44.934	ng	96
22) Acetophenone	7.292	105	466099	43.828	ng	99
24) Nitrobenzene	7.469	77	381214	41.857	ng	99
25) Isophorone	7.704	82	681429	46.450	ng	99
26) 2-Nitrophenol	7.780	139	175863	49.164	ng	98
27) 2,4-Dimethylphenol	7.816	122	281410	55.162	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	398116	45.550	ng	99
29) 2,4-Dichlorophenol	8.022	162	284815	46.628	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	295784	42.399	ng	99
31) Naphthalene	8.186	128	987019	43.662	ng	99
32) Benzoic acid	7.933	122	203843	43.867	ng	98
33) 4-Chloroaniline	8.233	127	252438	32.251	ng	98
34) Hexachlorobutadiene	8.304	225	197879	44.763	ng	99
35) Caprolactam	8.604	113	86685m	45.841	ng	
36) 4-Chloro-3-methylphenol	8.716	107	310871	46.703	ng	98
37) 2-Methylnaphthalene	8.880	142	652137	46.109	ng	98
38) 1-Methylnaphthalene	8.975	142	605646	43.541	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	303948	43.296	ng	98
41) Hexachlorocyclopentadiene	9.027	237	388116	172.028	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	220276	47.957	ng	99

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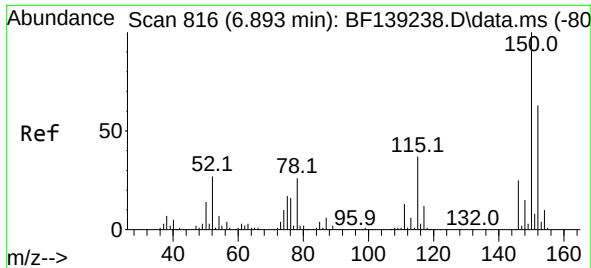
Manual Integrations
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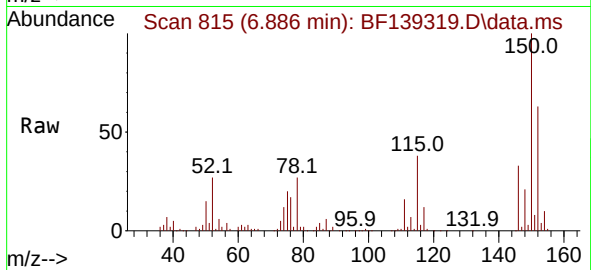
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216335	44.945	ng	99
46) 1,1'-Biphenyl	9.345	154	803424	43.703	ng	99
47) 2-Chloronaphthalene	9.369	162	604098	43.519	ng	100
48) 2-Nitroaniline	9.463	65	224931	47.044	ng	99
49) Acenaphthylene	9.786	152	992471	47.470	ng	99
50) Dimethylphthalate	9.645	163	712036	47.346	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156247	45.797	ng	98
52) Acenaphthene	9.957	154	712578	51.386	ng	100
53) 3-Nitroaniline	9.874	138	120181	33.062	ng	98
54) 2,4-Dinitrophenol	9.980	184	177819	97.645	ng	# 69
55) Dibenzofuran	10.127	168	904721	45.506	ng	99
56) 4-Nitrophenol	10.033	139	254568	94.882	ng	97
57) 2,4-Dinitrotoluene	10.110	165	211708	48.753	ng	99
58) Fluorene	10.469	166	703750	45.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	190144	50.185	ng	98
60) Diethylphthalate	10.345	149	717538	48.483	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	340929	45.863	ng	99
62) 4-Nitroaniline	10.492	138	161668	46.723	ng	100
63) Azobenzene	10.621	77	718194	46.042	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	108888	52.211	ng	97
66) n-Nitrosodiphenylamine	10.586	169	608953	46.349	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	202138	46.158	ng	97
68) Hexachlorobenzene	11.016	284	230247	45.928	ng	99
69) Atrazine	11.110	200	191922	63.315	ng	100
70) Pentachlorophenol	11.210	266	271543	93.768	ng	98
71) Phenanthrene	11.433	178	980679	46.509	ng	99
72) Anthracene	11.486	178	1000351	48.566	ng	100
73) Carbazole	11.639	167	899982	46.749	ng	100
74) Di-n-butylphthalate	11.968	149	1046874	53.110	ng	99
75) Fluoranthene	12.621	202	1010235	47.790	ng	99
77) Benzidine	12.739	184	291368	62.198	ng	99
78) Pyrene	12.851	202	1026889	45.692	ng	100
80) Butylbenzylphthalate	13.474	149	338621	64.003	ng	99
81) Benzo(a)anthracene	14.062	228	684865	46.101	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	168632	42.743	ng	98
83) Chrysene	14.104	228	661556	47.713	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	384612	61.936	ng	100
85) Di-n-octyl phthalate	14.715	149	585901	49.281	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	642456	49.489	ng	98
88) Benzo(b)fluoranthene	15.168	252	582197	48.649	ng	99
89) Benzo(k)fluoranthene	15.198	252	546345	50.917	ng	99
90) Benzo(a)pyrene	15.539	252	534315	52.581	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	521679	48.763	ng	99
92) Benzo(g,h,i)perylene	17.545	276	489985	44.371	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

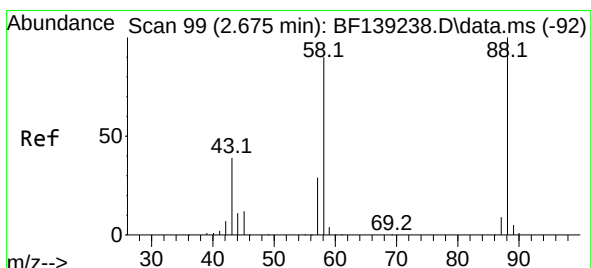
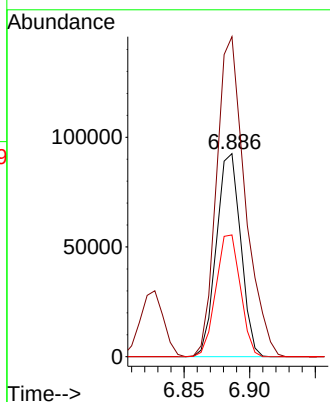
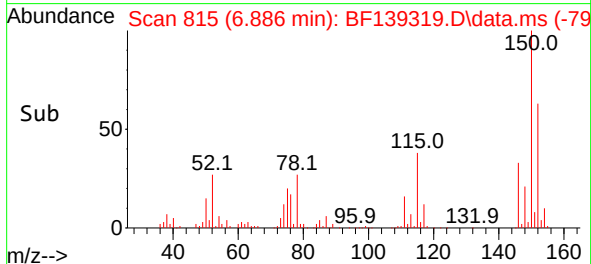
Instrument :
BNA_F
ClientSampleId :
PB163274BS



Tgt Ion:152 Resp: 119510
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.4
115 60.0 46.9 70.3

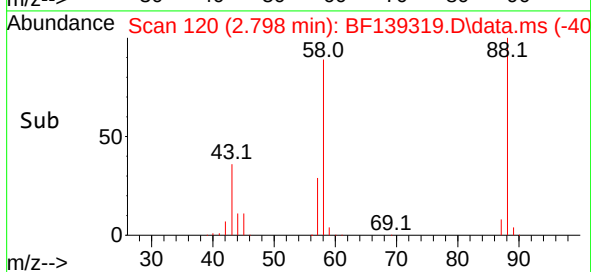
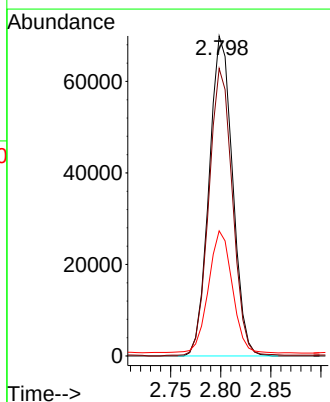
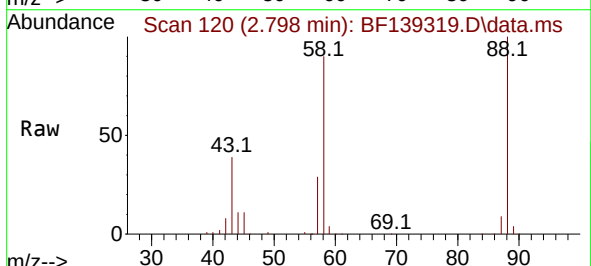
Manual Integrations
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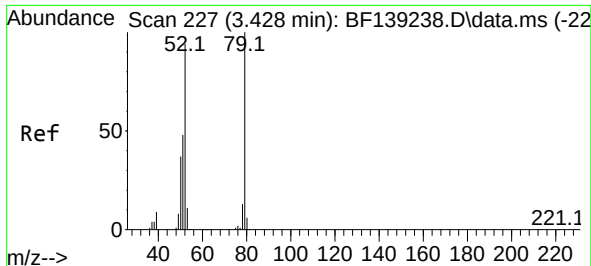
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#2
1,4-Dioxane
Concen: 34.299 ng
RT: 2.798 min Scan# 120
Delta R.T. 0.123 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion: 88 Resp: 114108
Ion Ratio Lower Upper
88 100
58 90.7 72.5 108.7
43 39.1 31.4 47.2





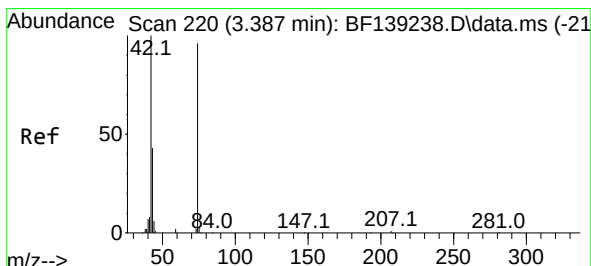
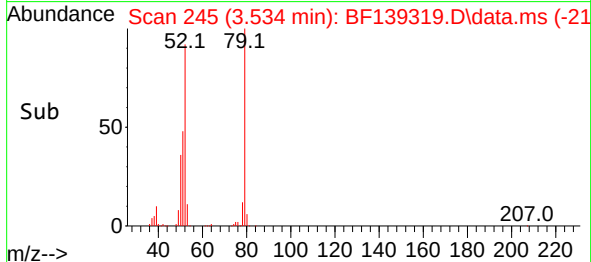
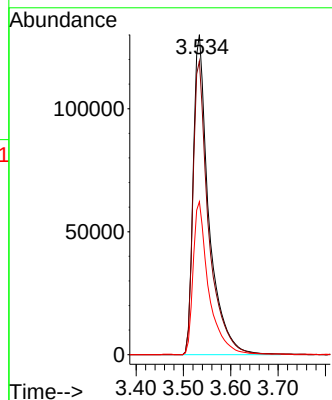
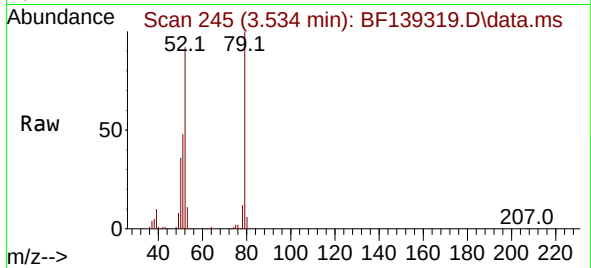
#3
Pyridine
Concen: 37.118 ng
RT: 3.534 min Scan# 245
Delta R.T. 0.106 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :
BNA_F
ClientSampleId :
PB163274BS

Tgt Ion: 79 Resp: 29808
Ion Ratio Lower Upper
79 100
52 91.7 75.3 112.9
51 47.8 38.2 57.2

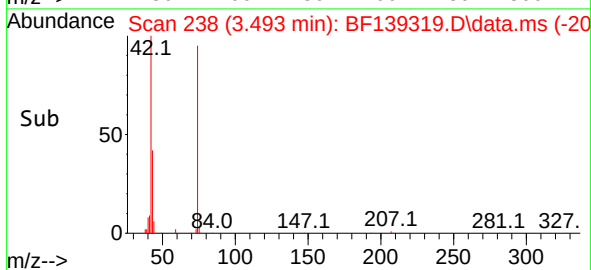
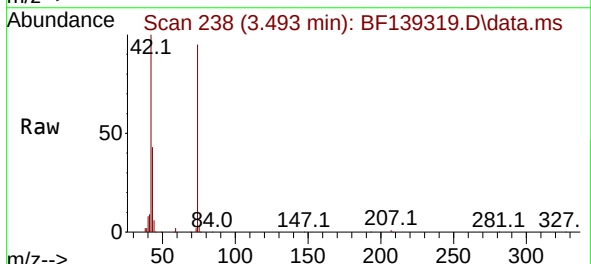
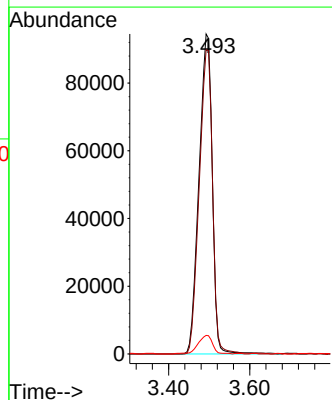
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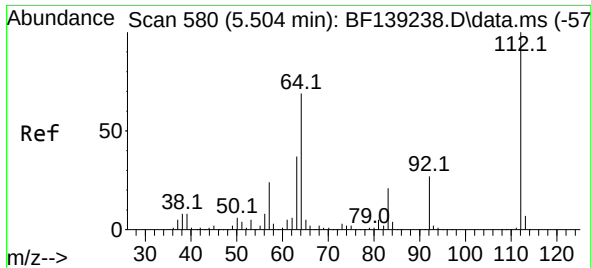
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#4
n-Nitrosodimethylamine
Concen: 41.165 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.106 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion: 42 Resp: 214672
Ion Ratio Lower Upper
42 100
74 95.1 77.2 115.8
44 5.8 5.1 7.7





#5
2-Fluorophenol
Concen: 126.967 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

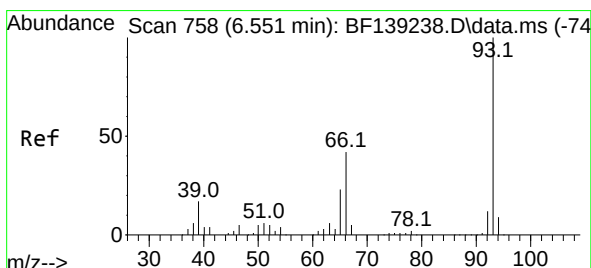
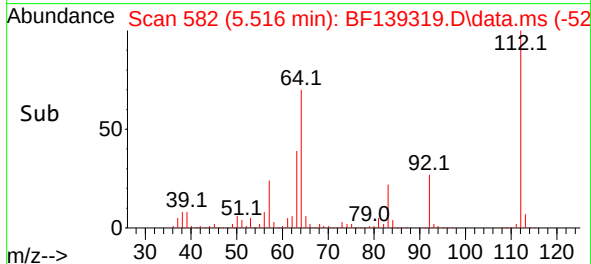
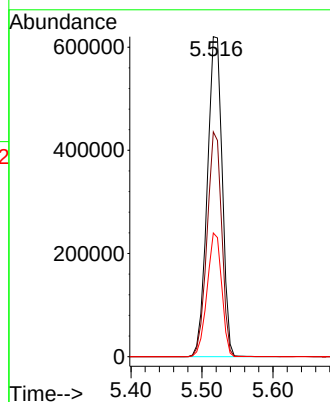
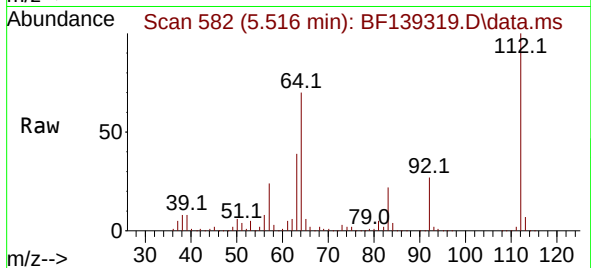
PB163274BS

Tgt Ion:112 Resp: 90705
Ion Ratio Lower Upper
112 100
64 70.3 55.0 82.4
63 38.6 29.9 44.9

Manual Integrations

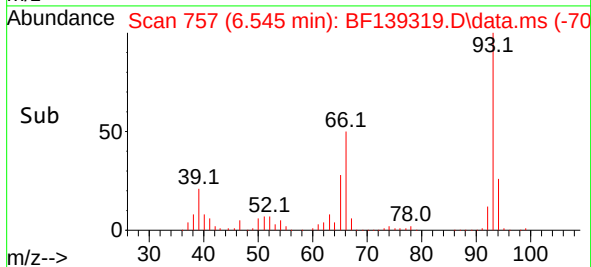
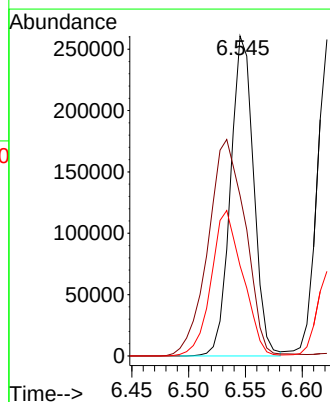
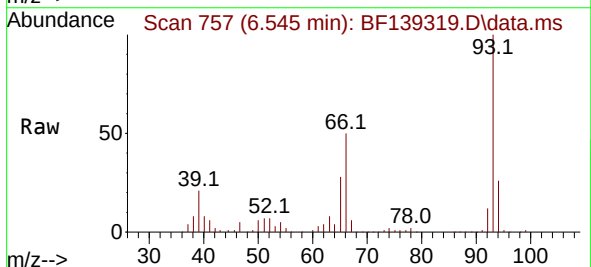
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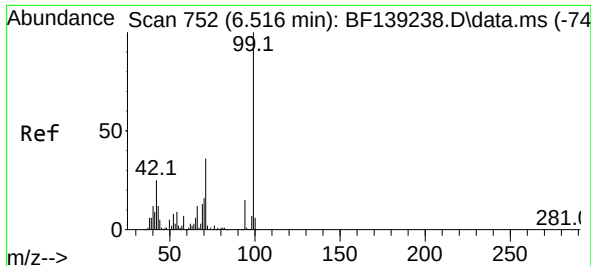
Reviewed By :Jagrut Upadhyay 09/12/2024
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#6
Aniline
Concen: 42.118 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

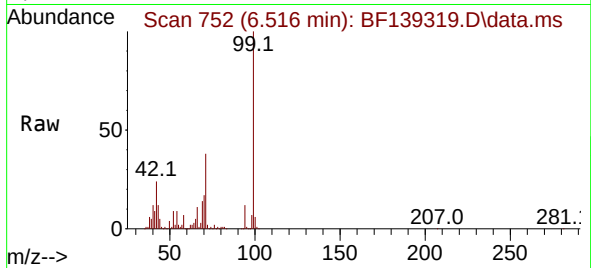
Tgt Ion: 93 Resp: 369380
Ion Ratio Lower Upper
93 100
66 50.1 34.4 51.6
65 28.2 18.2 27.4





#7
Phenol-d6
Concen: 125.767 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

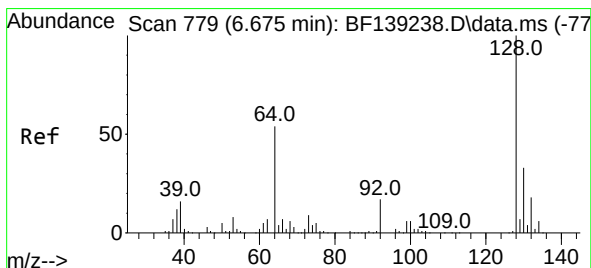
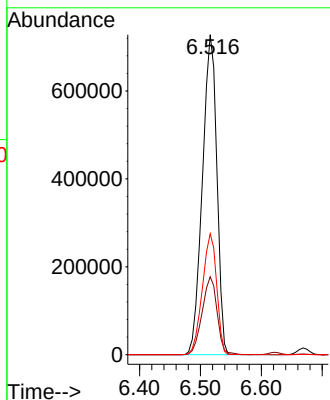
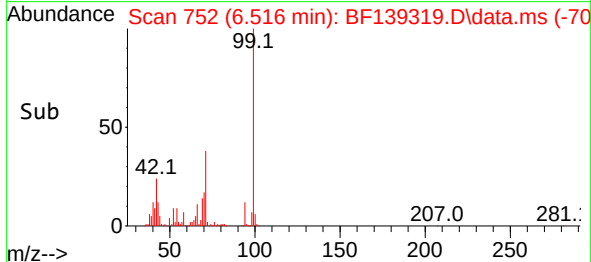
Instrument :
BNA_F
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PB163274BS



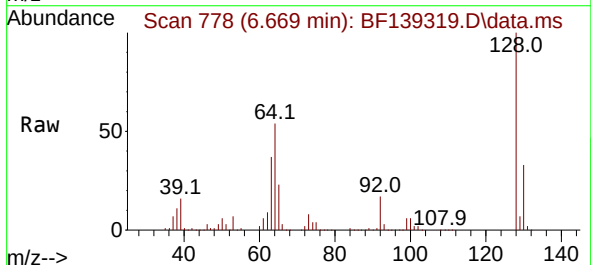
Tgt Ion: 99 Resp: 1199450
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 37.8 28.8 43.2

Manual Integrations
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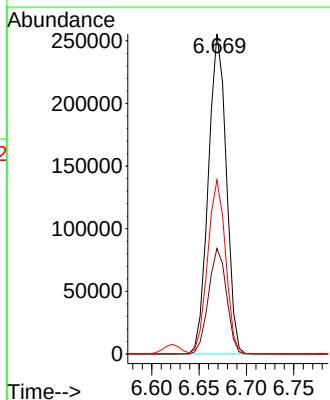
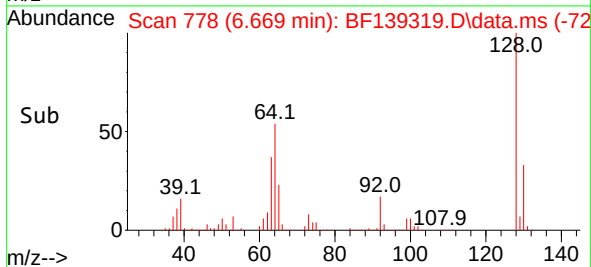
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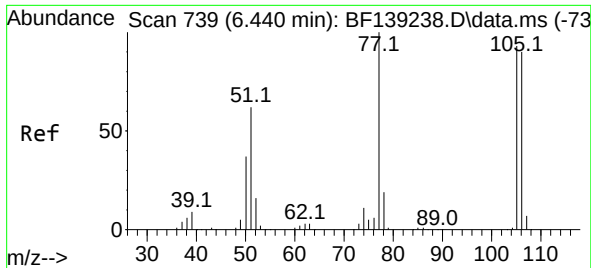


#8
2-Chlorophenol
Concen: 45.433 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:128 Resp: 336380
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 54.4 36.6 76.6





#9
Benzaldehyde
Concen: 14.369 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

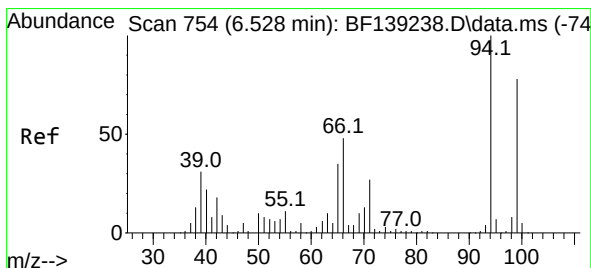
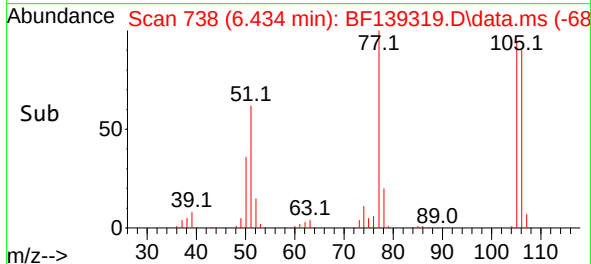
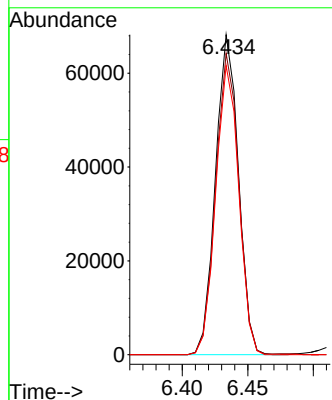
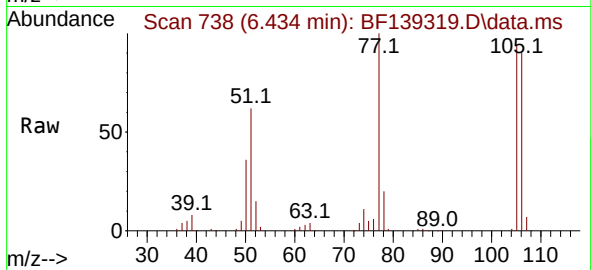
PB163274BS

Tgt Ion: 77 Resp: 8295
Ion Ratio Lower Upper
77 100
105 94.1 72.9 112.9
106 90.4 69.6 109.6

Manual Integrations

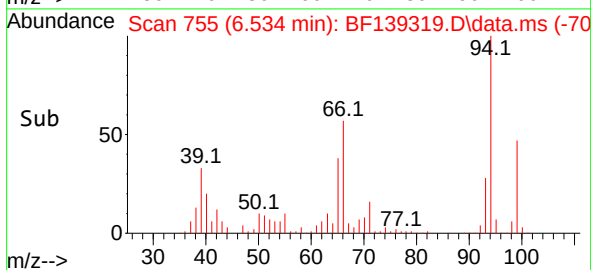
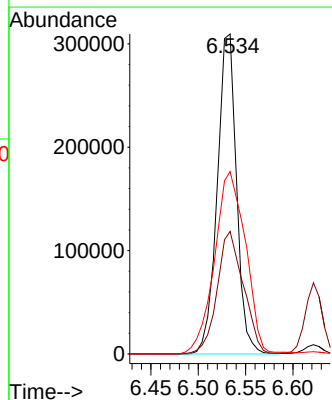
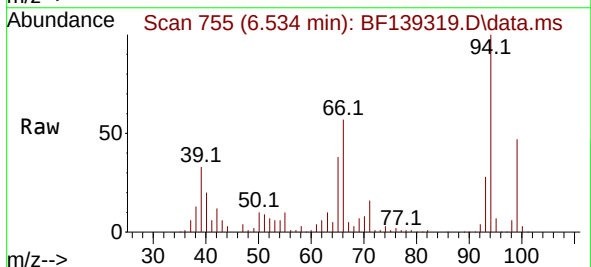
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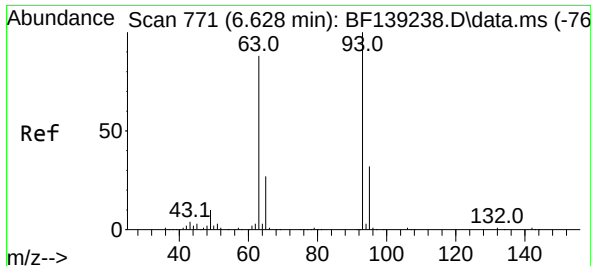
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#10
Phenol
Concen: 43.688 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion: 94 Resp: 439485
Ion Ratio Lower Upper
94 100
65 38.3 14.7 54.7
66 57.0 28.5 68.5





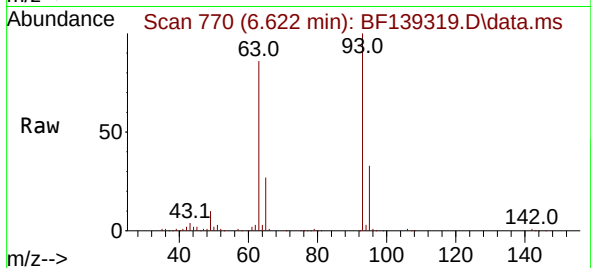
#11
bis(2-Chloroethyl)ether
Concen: 44.822 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

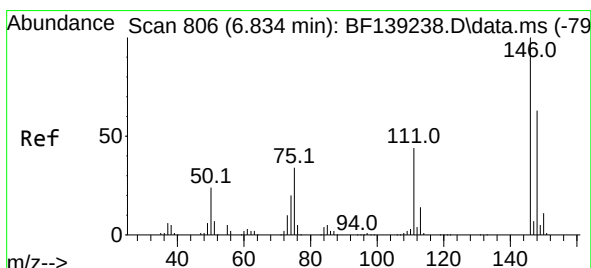
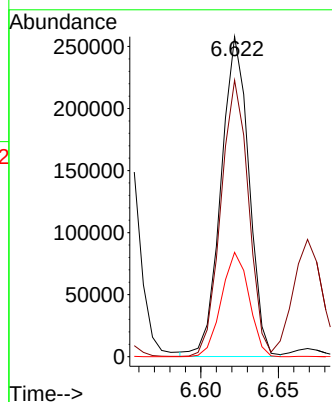
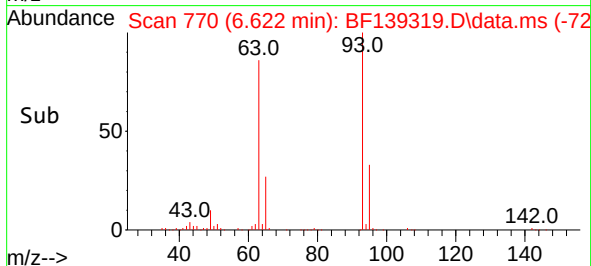


Tgt Ion: 93 Resp: 32303
Ion Ratio Lower Upper
93 100
63 86.4 67.1 107.1
95 32.6 12.2 52.2

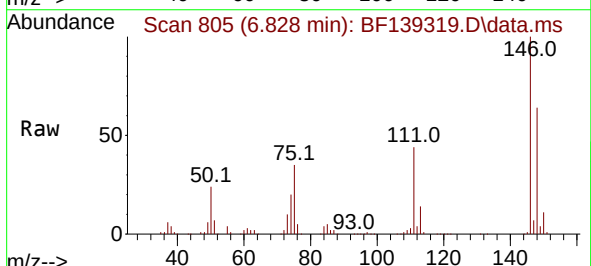
Manual Integrations

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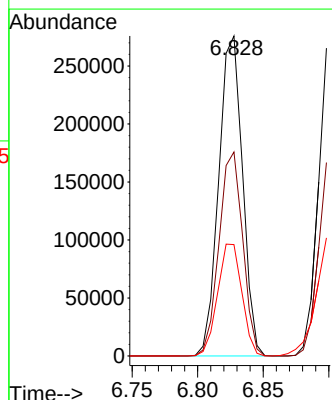
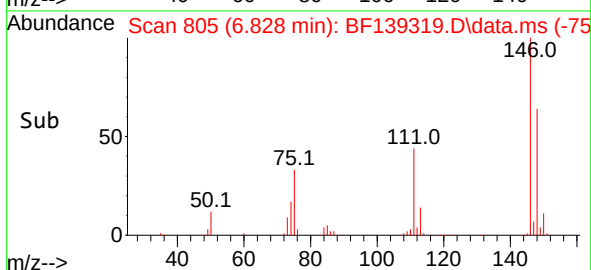
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

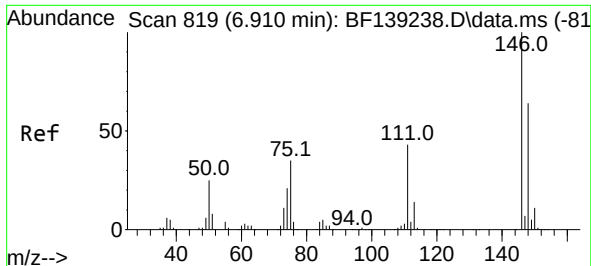


#12
1,3-Dichlorobenzene
Concen: 41.482 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:146 Resp: 347635
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
75 34.8 27.3 40.9





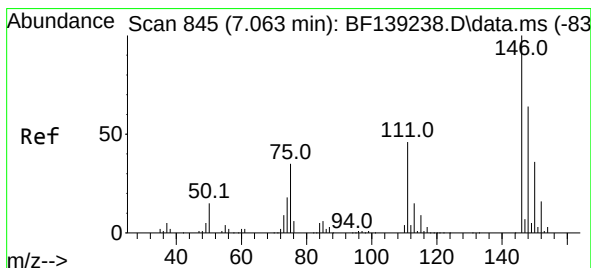
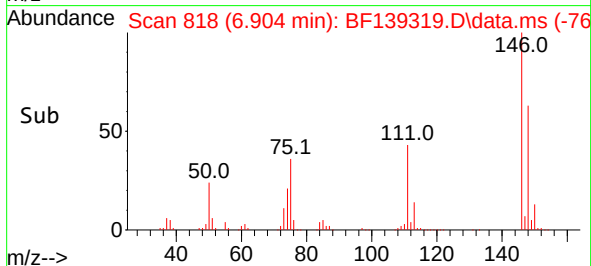
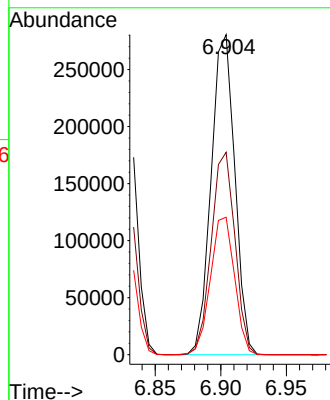
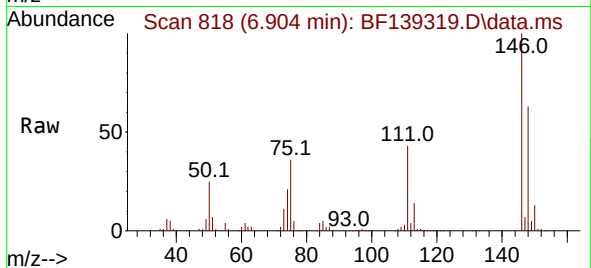
#13
1,4-Dichlorobenzene
Concen: 42.077 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :
BNA_F
ClientSampleId :
PB163274BS

Tgt Ion:146 Resp: 35294
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 43.0 34.6 51.8

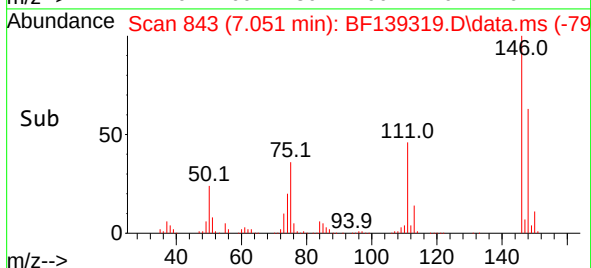
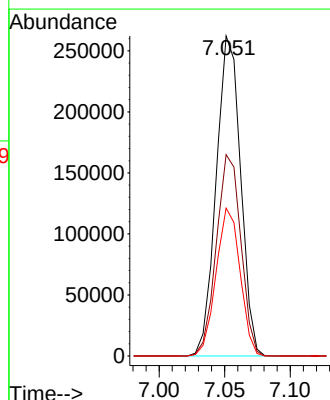
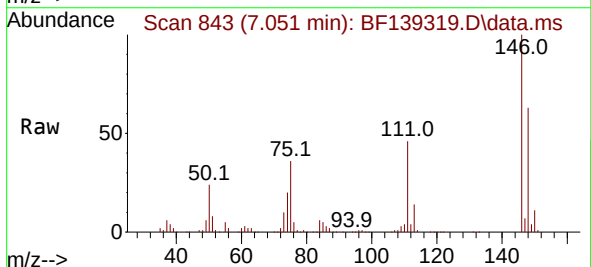
Manual Integrations
APPROVED

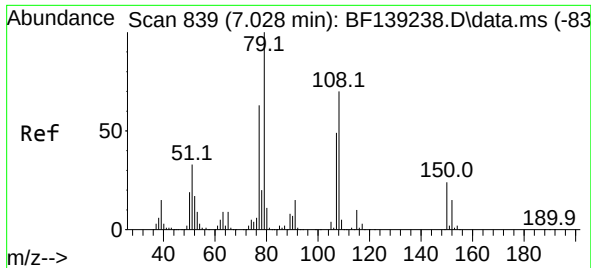
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#14
1,2-Dichlorobenzene
Concen: 43.281 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

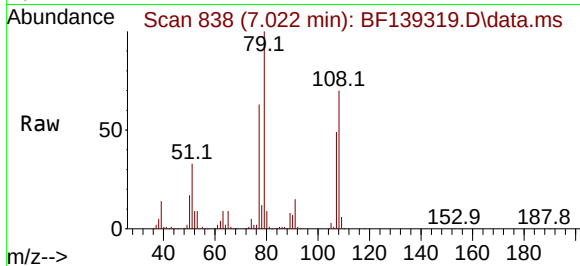
Tgt Ion:146 Resp: 338595
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 46.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 46.741 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

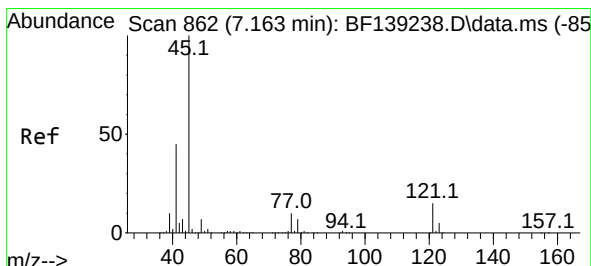
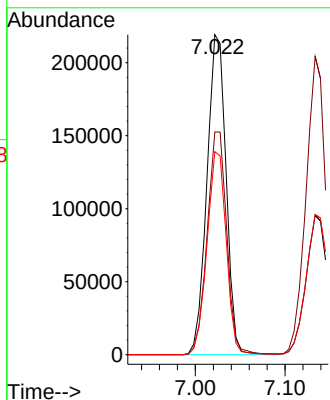
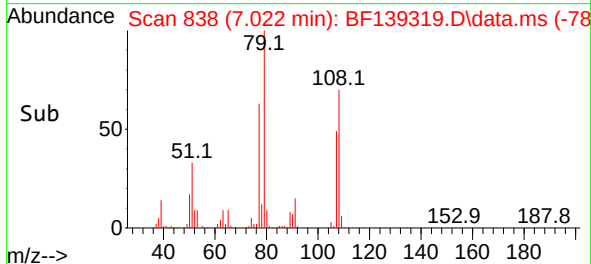
Instrument :
BNA_F
ClientSampleId :
PB163274BS



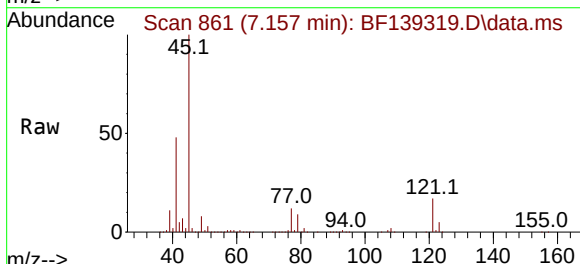
Tgt Ion: 79 Resp: 325090
Ion Ratio Lower Upper
79 100
108 69.6 56.1 84.1
77 63.4 50.6 76.0

Manual Integrations
APPROVED

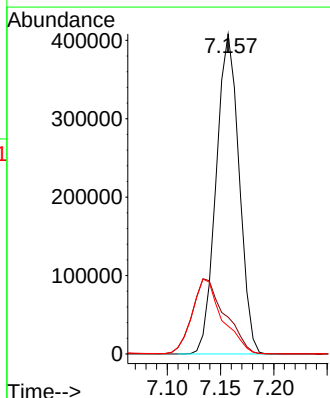
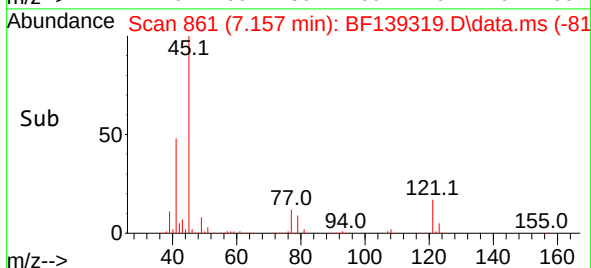
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

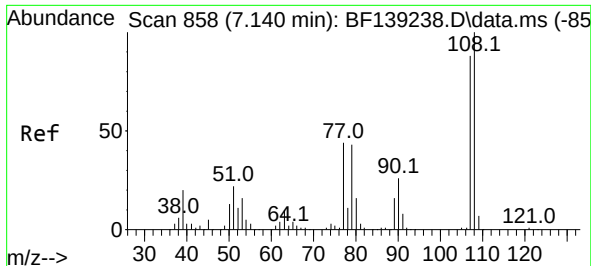


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.463 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion: 45 Resp: 610022
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 8.7 0.0 27.6





#17
2-Methylphenol
Concen: 45.081 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

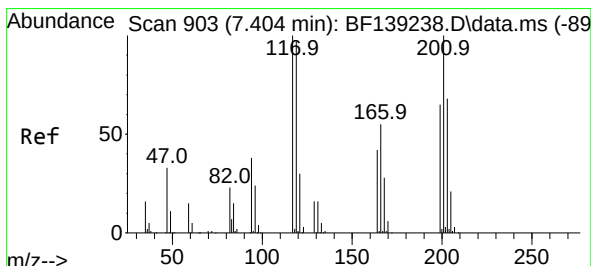
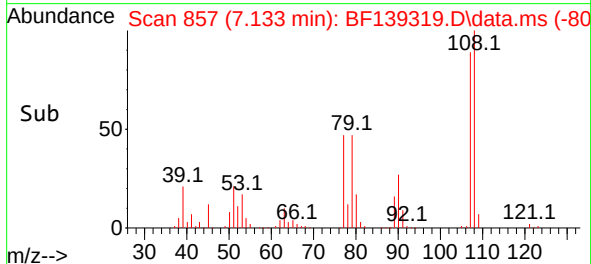
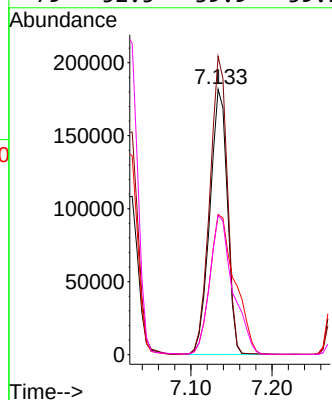
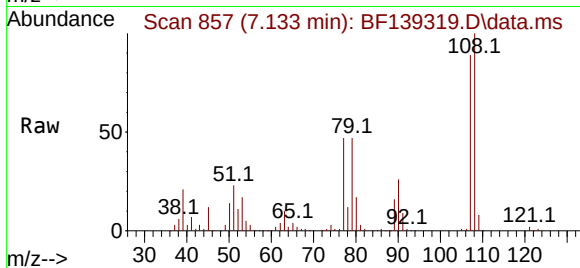
PB163274BS

Tgt Ion:107 Resp: 27264
Ion Ratio Lower Upper
107 100
108 112.4 91.4 137.2
77 52.8 40.1 60.1
79 52.5 39.9 59.9

Manual Integrations

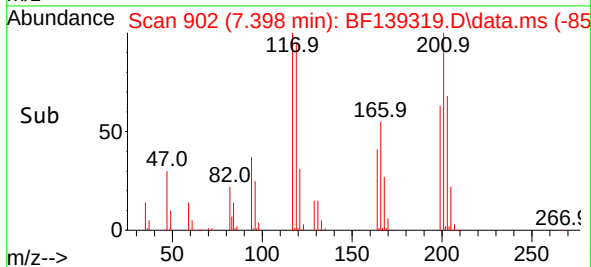
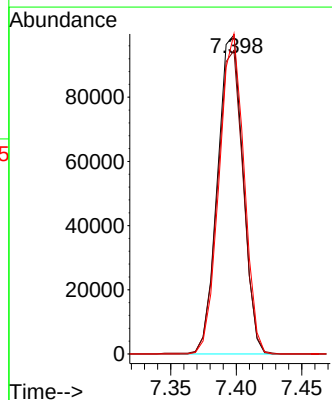
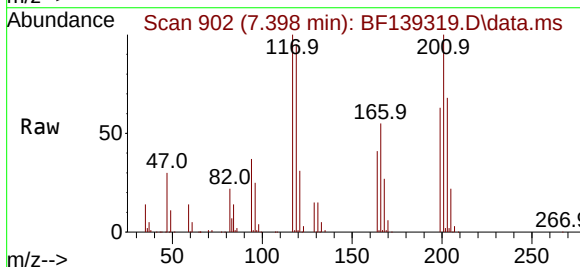
APPROVED

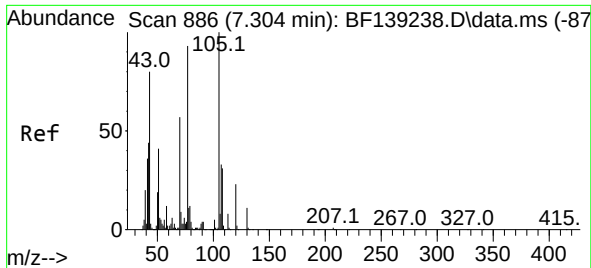
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#18
Hexachloroethane
Concen: 44.553 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

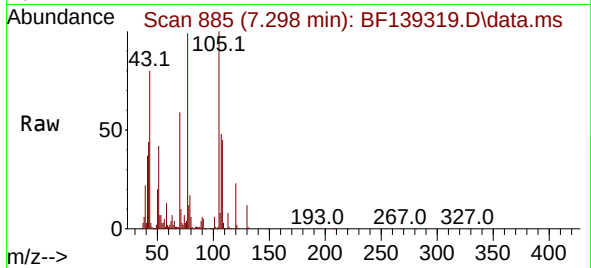
Tgt Ion:117 Resp: 133472
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2
201 100.3 80.0 120.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.525 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

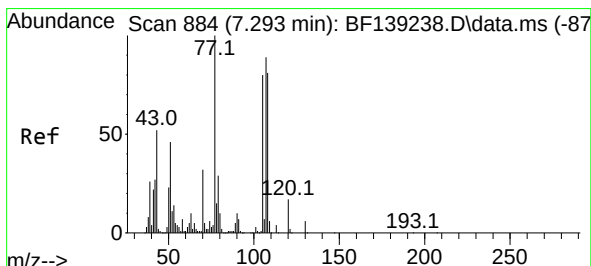
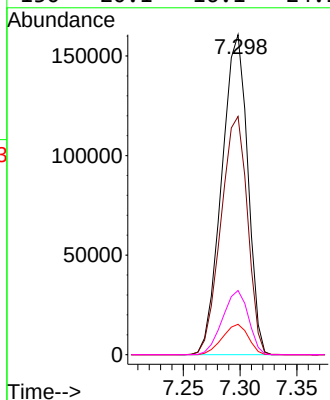
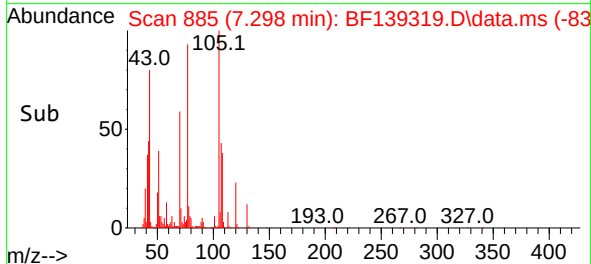
Instrument :
BNA_F
ClientSampleId :
PB163274BS



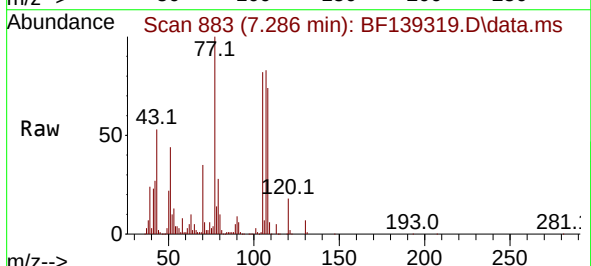
Tgt Ion: 70 Resp: 25555
Ion Ratio Lower Upper
70 100
42 74.4 61.0 91.6
101 9.5 7.2 10.8
130 20.1 16.1 24.1

Manual Integrations
APPROVED

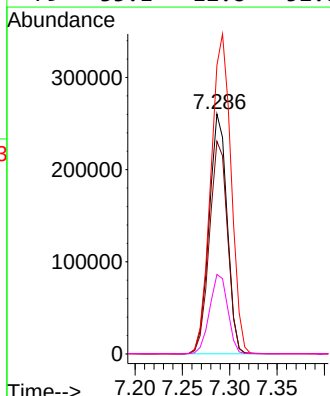
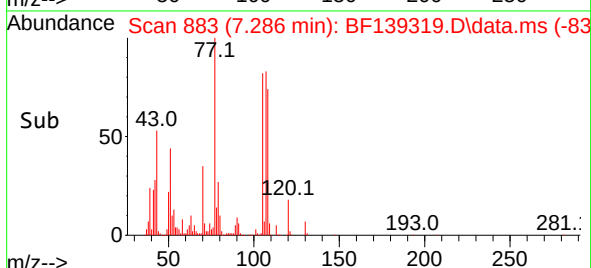
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

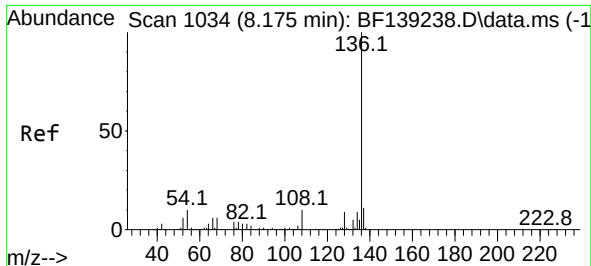


#20
3+4-Methylphenols
Concen: 44.934 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:107 Resp: 342497
Ion Ratio Lower Upper
107 100
108 88.6 70.4 110.4
77 120.3 92.2 132.2
79 33.1 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

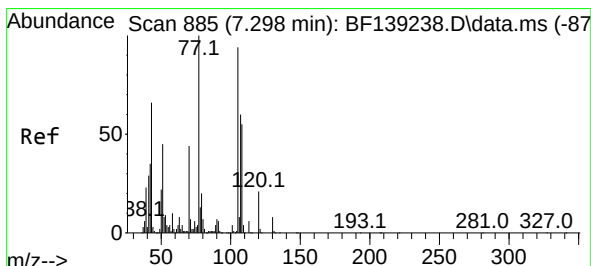
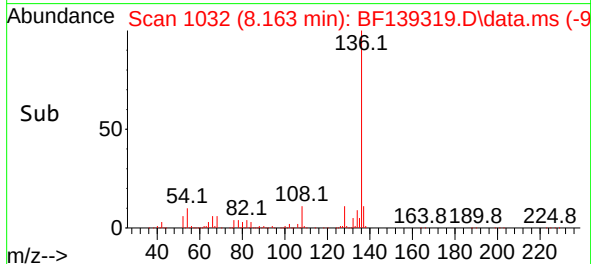
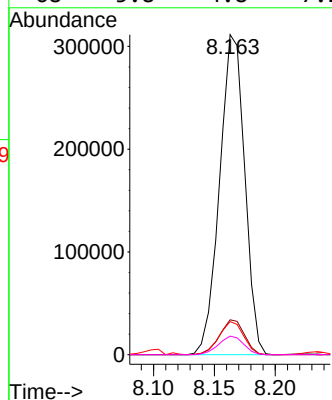
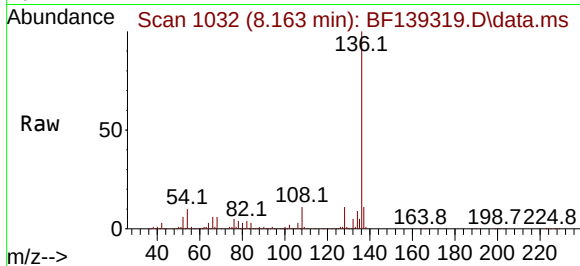
PB163274BS

Tgt Ion:136 Resp: 44639
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.4 12.6
68 5.8 4.8 7.2

Manual Integrations

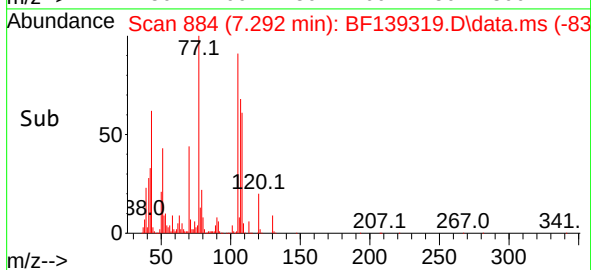
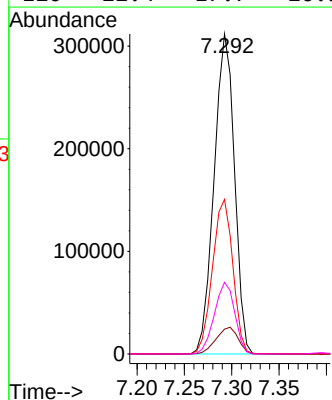
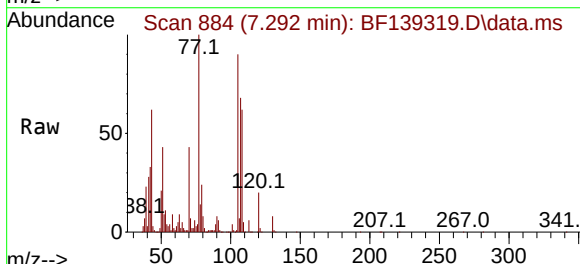
APPROVED

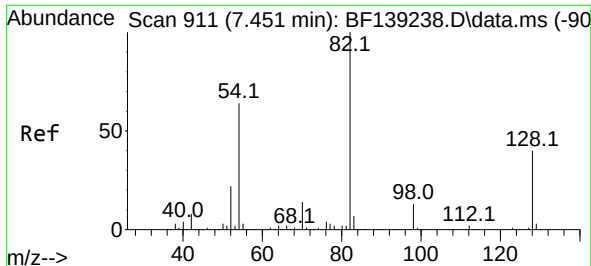
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#22
Acetophenone
Concen: 43.828 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:105 Resp: 466099
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 48.3 38.2 57.2
120 22.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 91.721 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

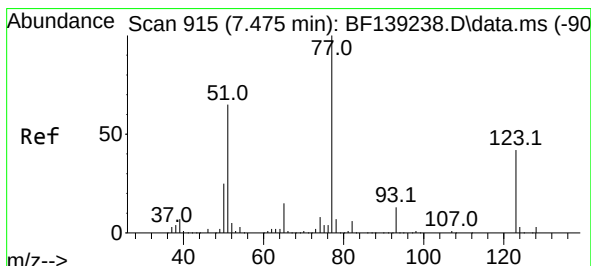
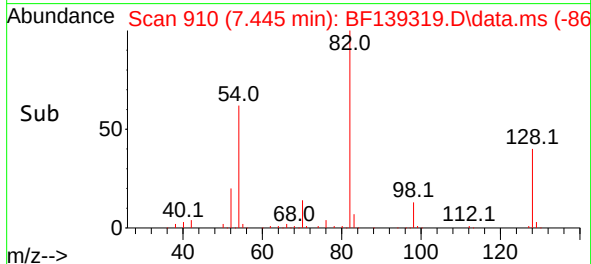
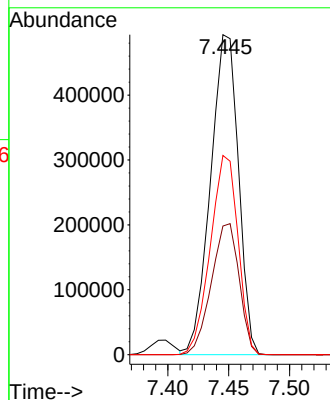
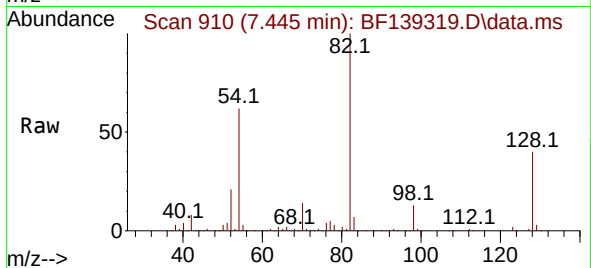
PB163274BS

Tgt Ion: 82 Resp: 787020
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.3 48.5
 54 62.2 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#24

Nitrobenzene

Concen: 41.857 ng

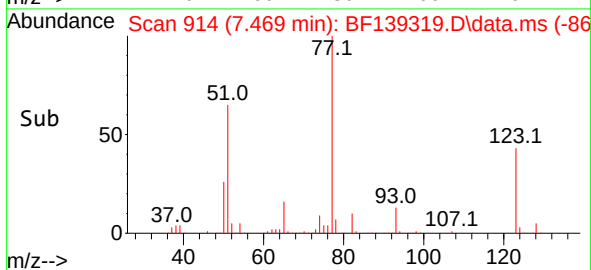
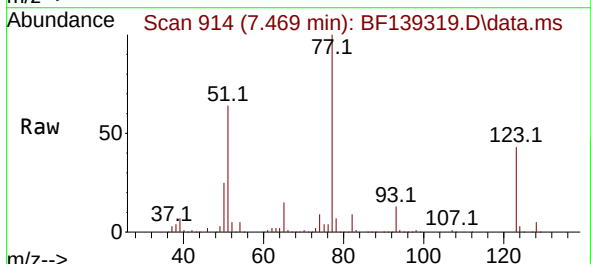
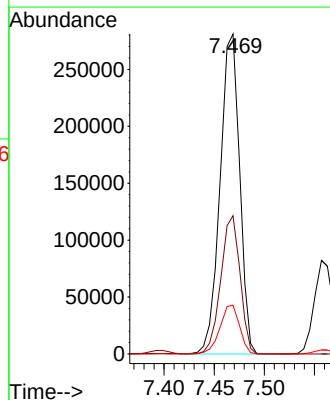
RT: 7.469 min Scan# 914

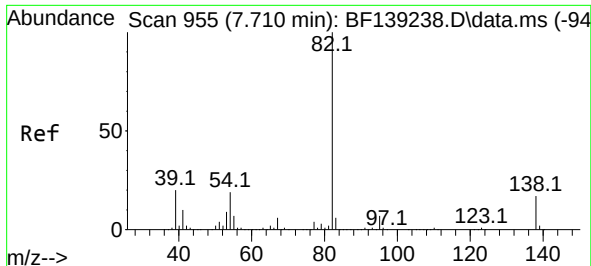
Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion: 77 Resp: 381214
 Ion Ratio Lower Upper
 77 100
 123 43.2 34.0 51.0
 65 15.3 12.1 18.1





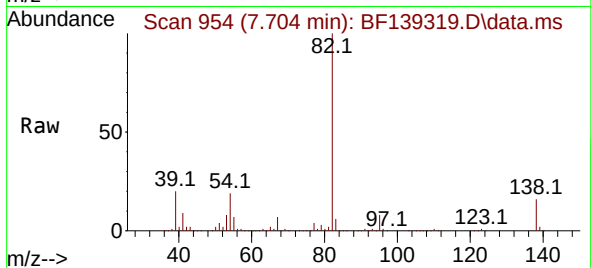
#25
Isophorone
Concen: 46.450 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

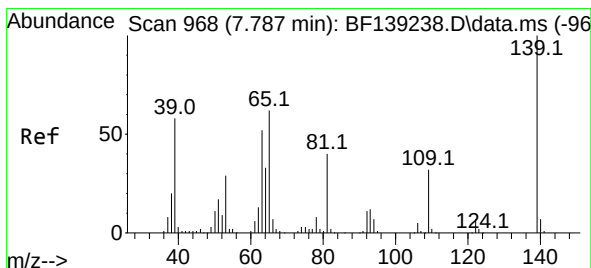
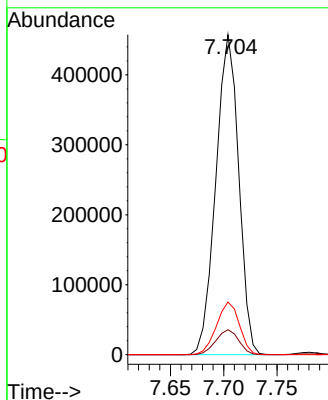
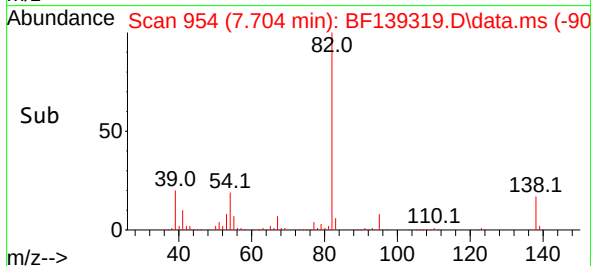
PB163274BS



Tgt Ion: 82 Resp: 681429
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 16.4 13.4 20.0

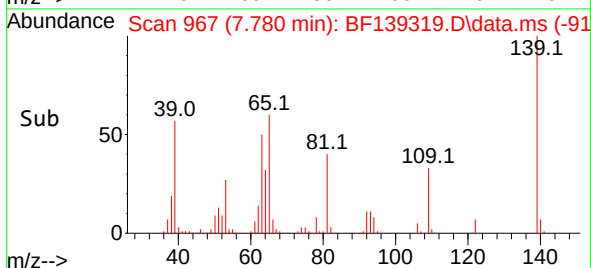
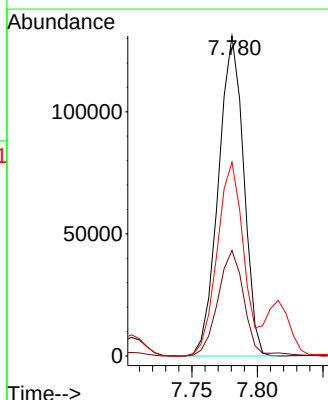
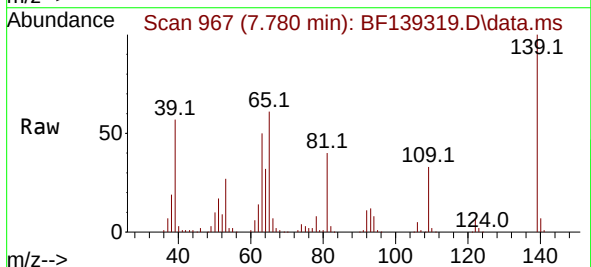
Manual Integrations
APPROVED

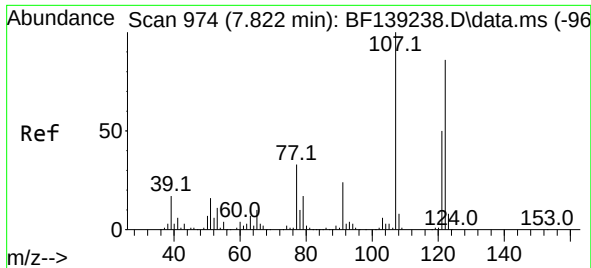
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#26
2-Nitrophenol
Concen: 49.164 ng
RT: 7.780 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:139 Resp: 175863
Ion Ratio Lower Upper
139 100
109 32.9 25.4 38.2
65 60.5 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 55.162 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139319.D

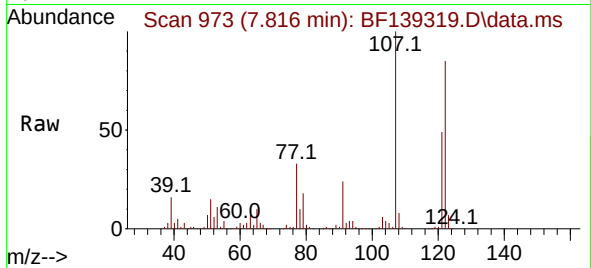
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS



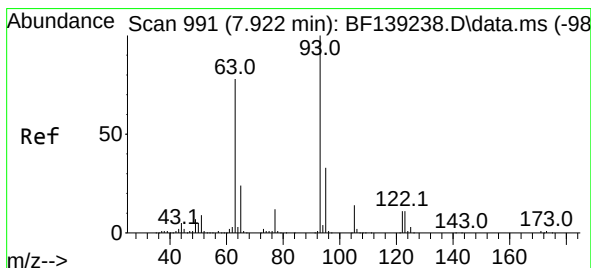
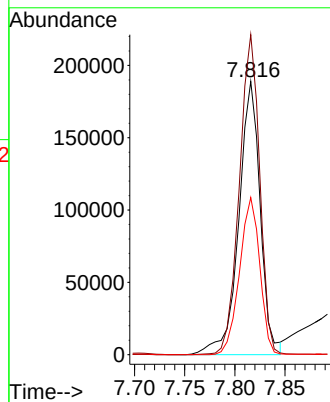
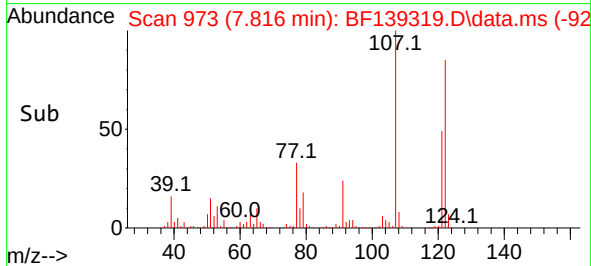
Tgt Ion: 122 Resp: 281410

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.4	140.2
121	57.5	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.550 ng

RT: 7.916 min Scan# 990

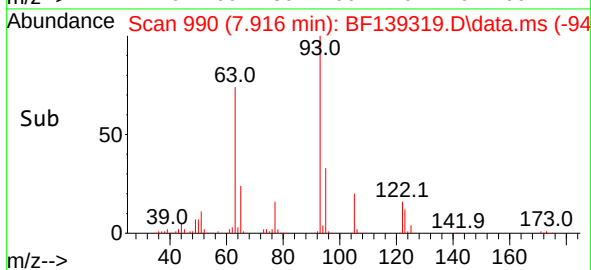
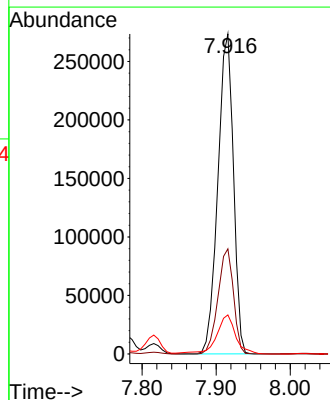
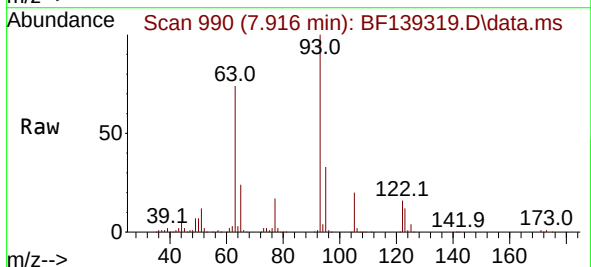
Delta R.T. -0.006 min

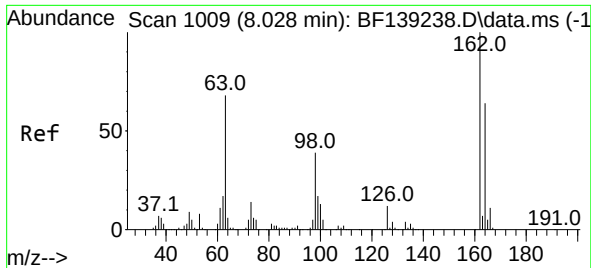
Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion: 93 Resp: 398116

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	12.2	9.6	14.4





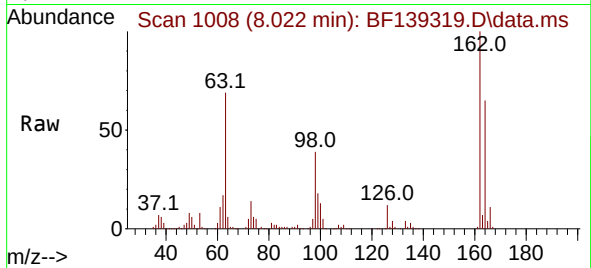
#29
2,4-Dichlorophenol
Concen: 46.628 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

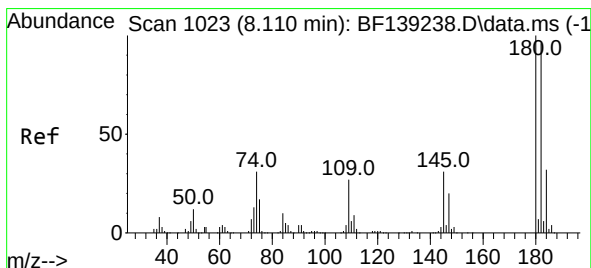
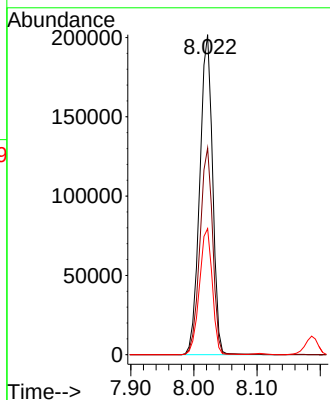
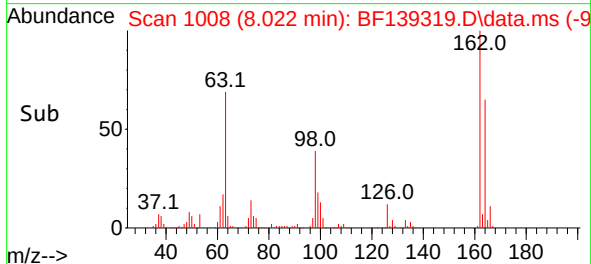


Tgt Ion:162 Resp: 284815
Ion Ratio Lower Upper
162 100
164 64.6 43.6 83.6
98 39.4 19.5 59.5

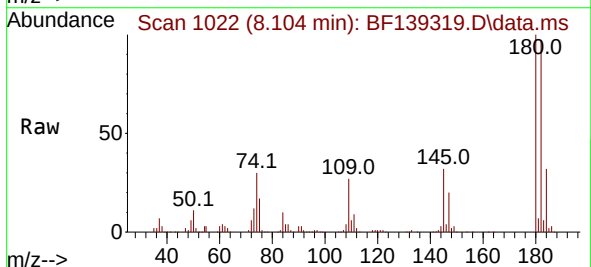
Manual Integrations

APPROVED

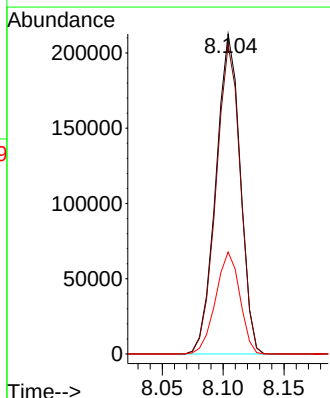
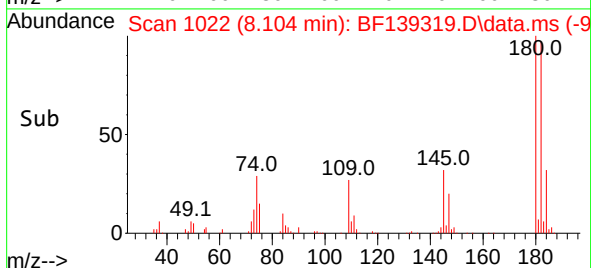
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

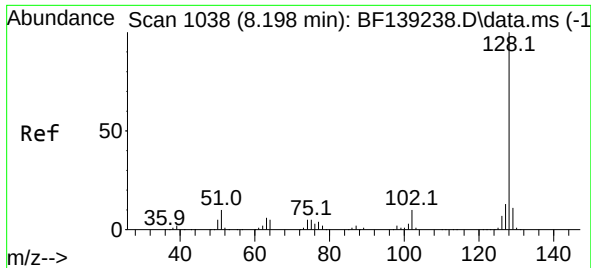


#30
1,2,4-Trichlorobenzene
Concen: 42.399 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:180 Resp: 295784
Ion Ratio Lower Upper
180 100
182 96.6 76.5 114.7
145 31.8 25.1 37.7





#31
Naphthalene
Concen: 43.662 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

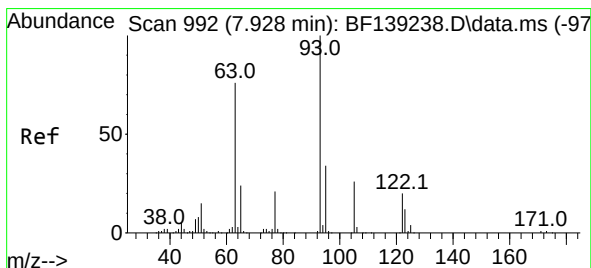
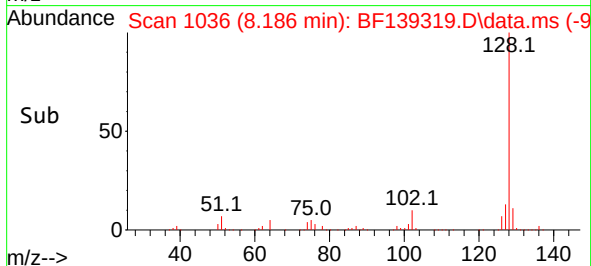
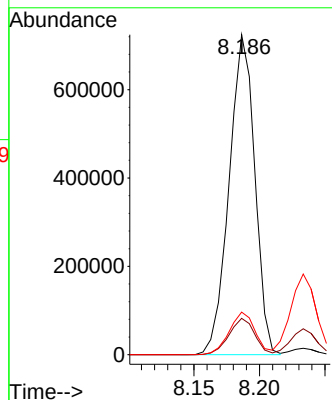
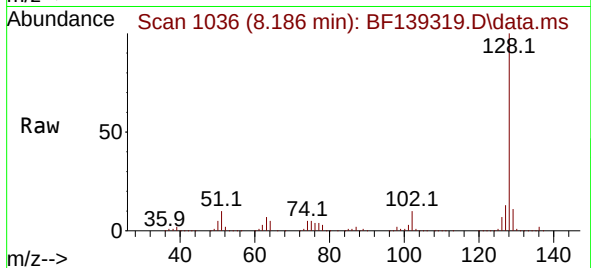
PB163274BS

Tgt Ion:128 Resp: 987019
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.3 10.6 15.8

Manual Integrations

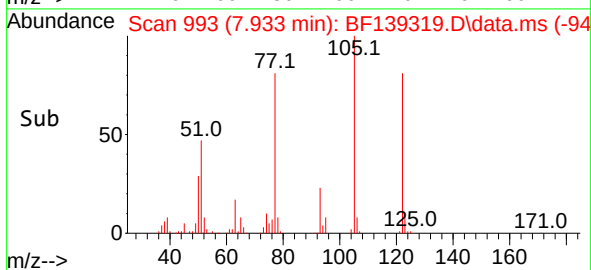
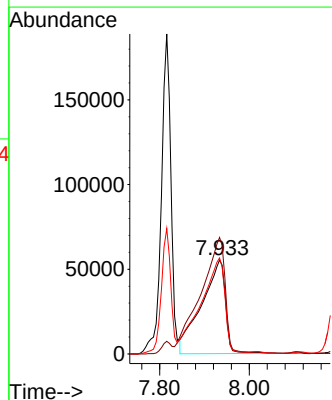
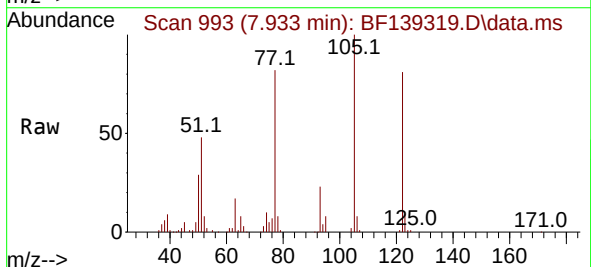
APPROVED

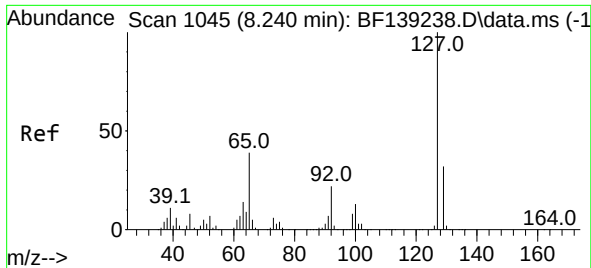
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#32
Benzoic acid
Concen: 43.867 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.005 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:122 Resp: 203843
Ion Ratio Lower Upper
122 100
105 123.9 106.3 146.3
77 102.2 84.1 124.1





#33
4-Chloroaniline
Concen: 32.251 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

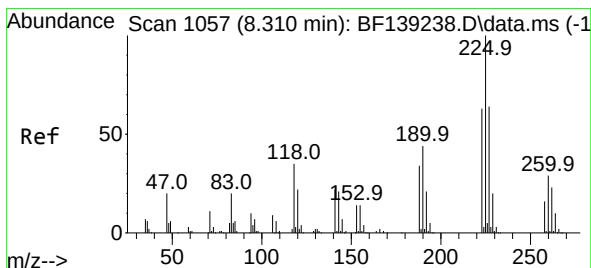
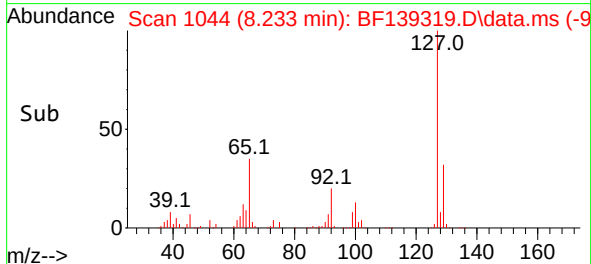
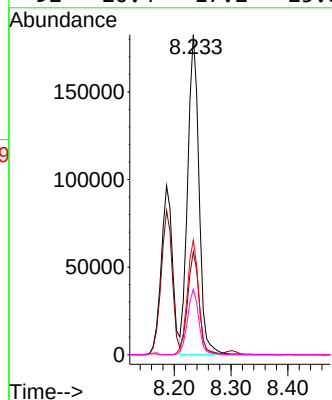
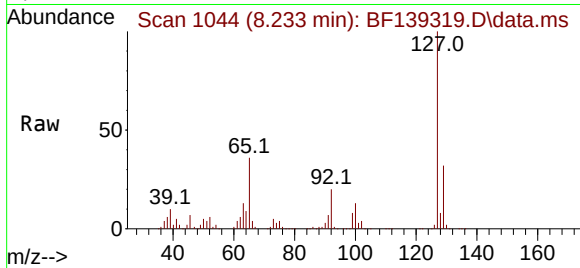
PB163274BS

Tgt Ion:127 Resp: 252438
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.6
65 35.9 30.6 45.8
92 20.4 17.2 25.8

Manual Integrations

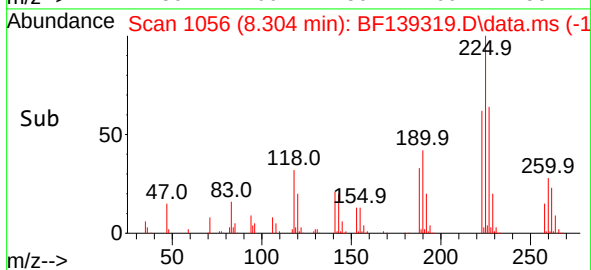
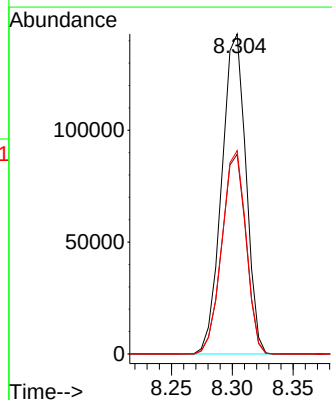
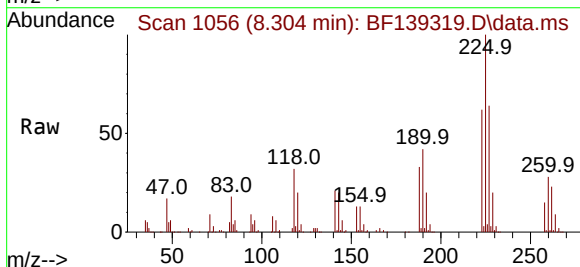
APPROVED

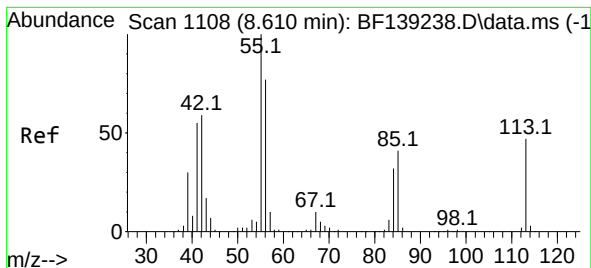
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#34
Hexachlorobutadiene
Concen: 44.763 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:225 Resp: 197879
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 63.5 51.5 77.3





#35

Caprolactam

Concen: 45.841 ng m

RT: 8.604 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

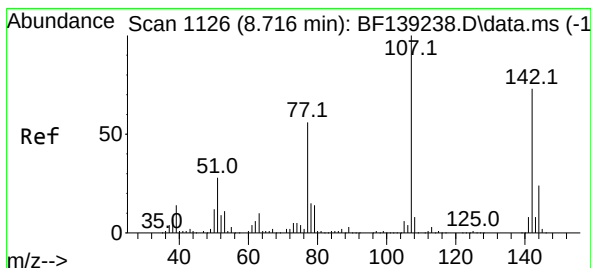
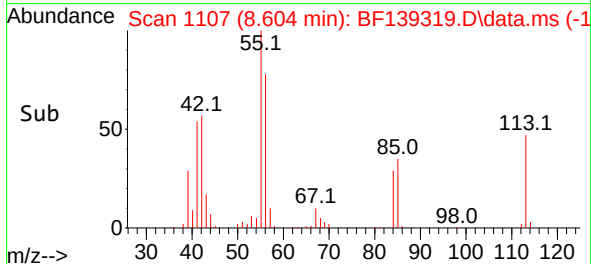
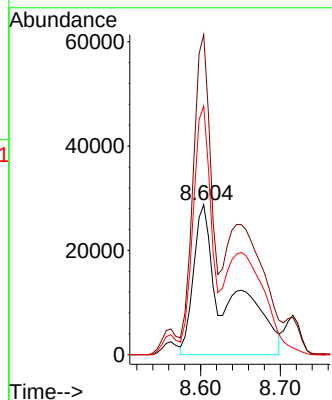
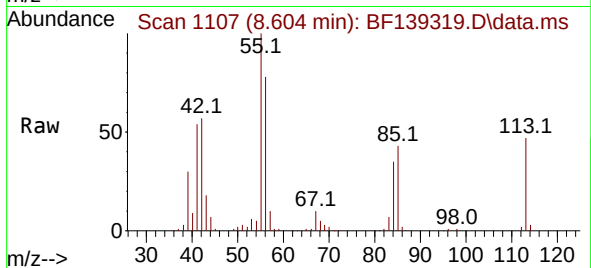
Tgt Ion:113 Resp: 8668

Ion	Ratio	Lower	Upper
113	100		
55	213.5	193.7	233.7
56	165.8	145.0	185.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36

4-Chloro-3-methylphenol

Concen: 46.703 ng

RT: 8.716 min Scan# 1126

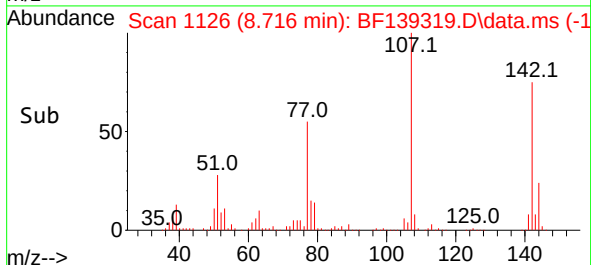
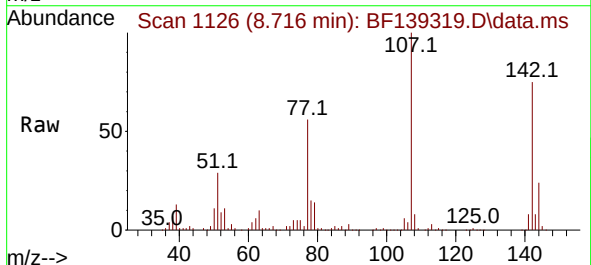
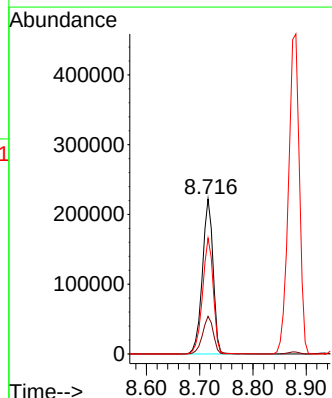
Delta R.T. -0.000 min

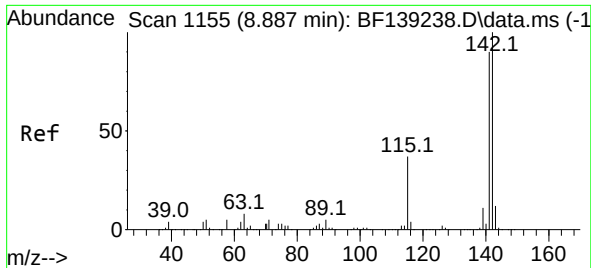
Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion:107 Resp: 310871

Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.1	28.7
142	74.7	58.3	87.5





#37
2-Methylnaphthalene
Concen: 46.109 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

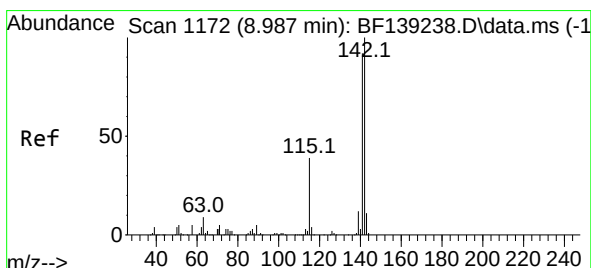
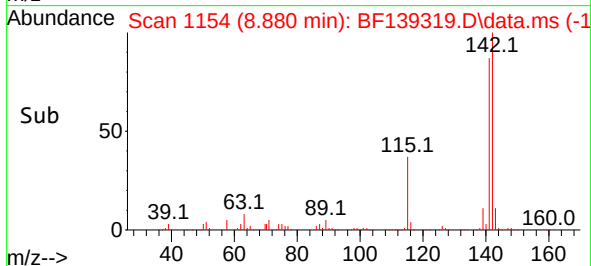
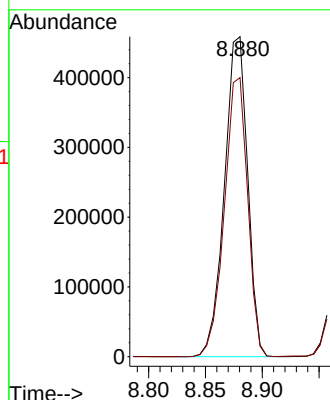
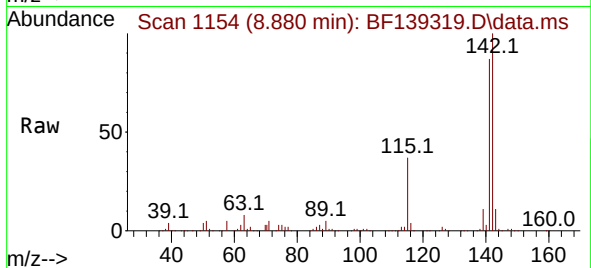
PB163274BS

Tgt Ion:142 Resp: 65213
Ion Ratio Lower Upper
142 100
141 87.2 71.6 107.4

Manual Integrations

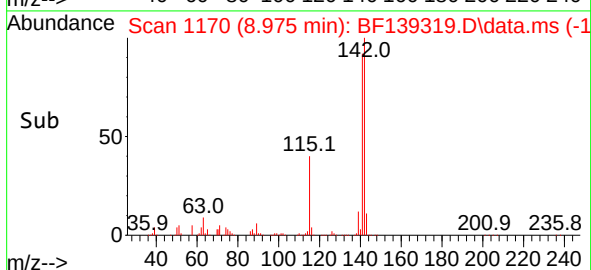
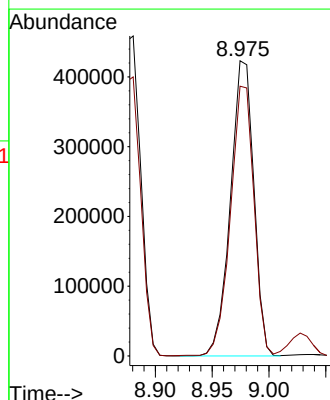
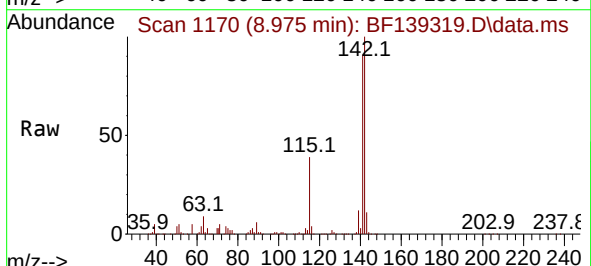
APPROVED

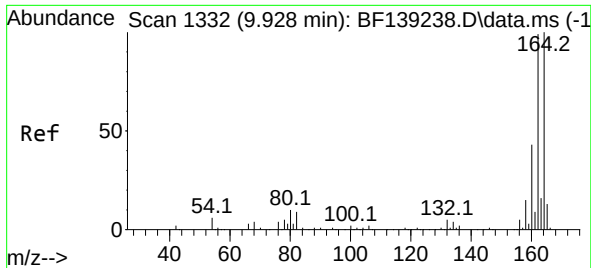
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#38
1-Methylnaphthalene
Concen: 43.541 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:142 Resp: 605646
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3





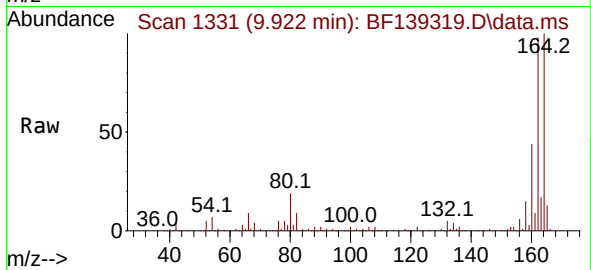
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

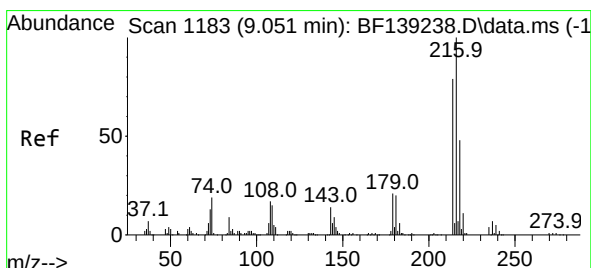
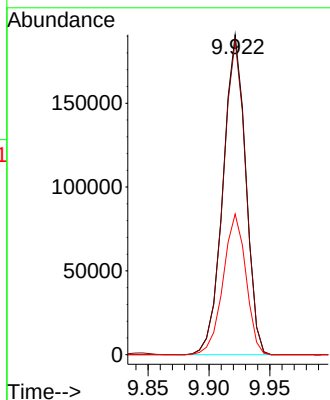
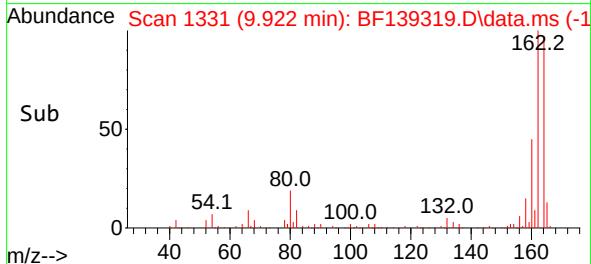


Tgt Ion:164 Resp: 24812
Ion Ratio Lower Upper
164 100
162 98.2 79.2 118.8
160 44.0 34.2 51.2

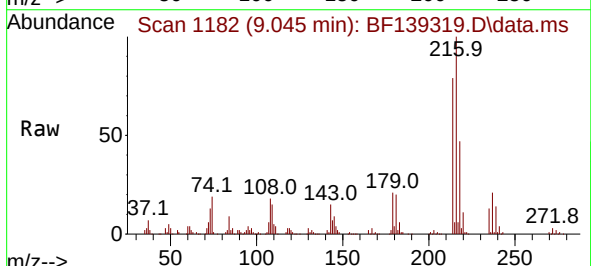
Manual Integrations

APPROVED

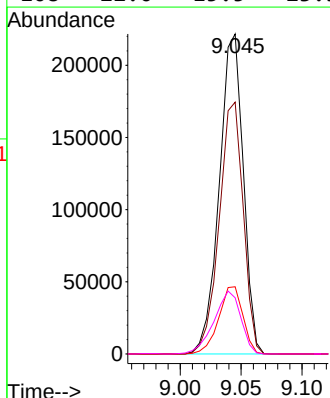
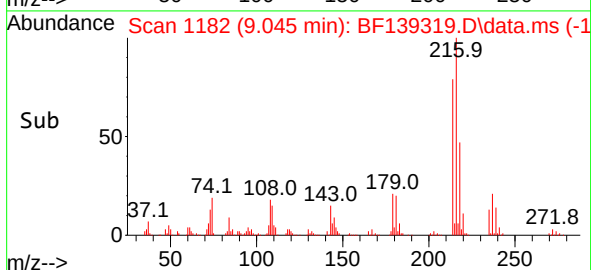
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

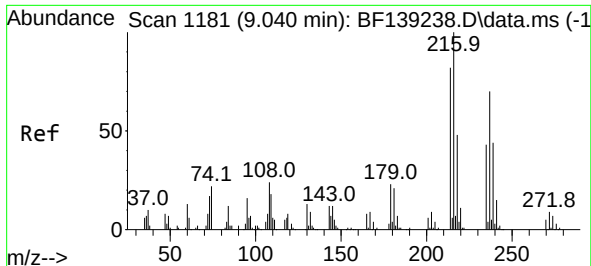


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.296 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:216 Resp: 303948
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.8
179 21.3 16.9 25.3
108 22.0 15.5 23.3





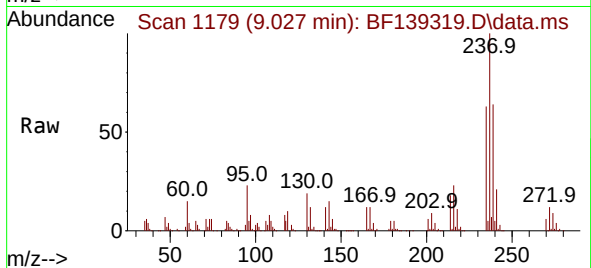
#41
Hexachlorocyclopentadiene
Concen: 172.028 ng
RT: 9.027 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

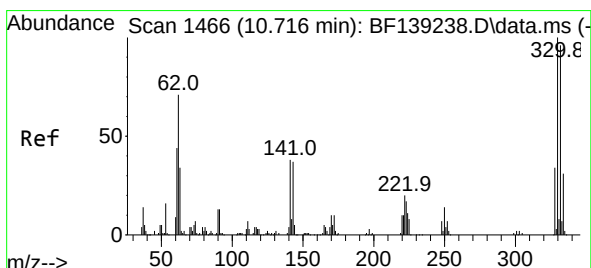
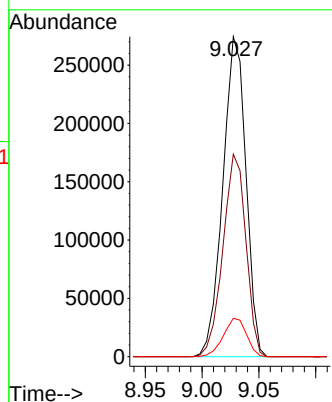
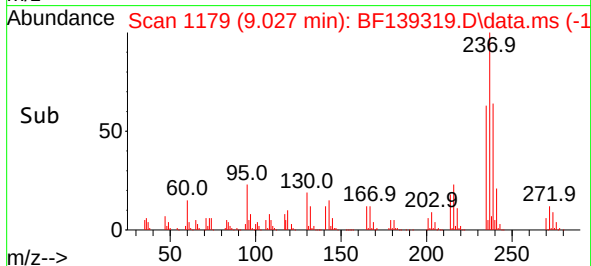


Tgt Ion:237 Resp: 388110
Ion Ratio Lower Upper
237 100
235 63.3 41.4 81.4
272 12.0 0.0 32.2

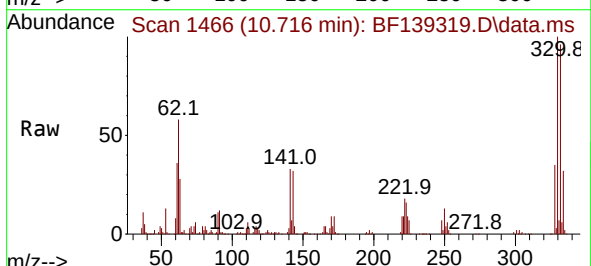
Manual Integrations

APPROVED

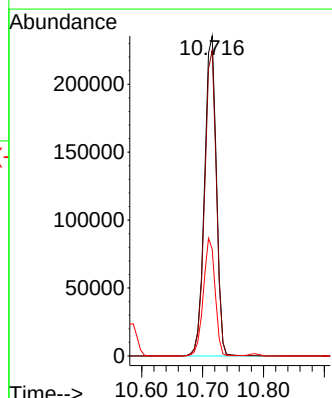
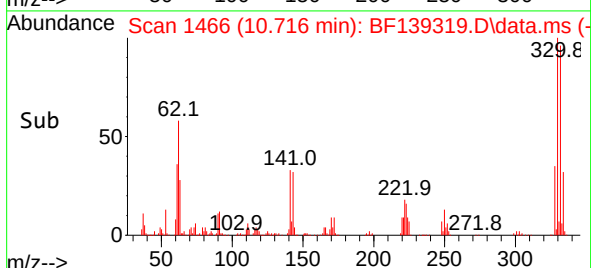
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

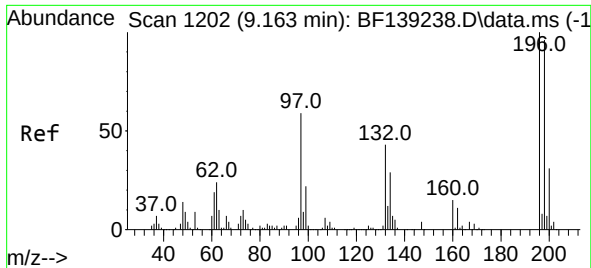


#42
2,4,6-Tribromophenol
Concen: 148.768 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:330 Resp: 318752
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 36.4 30.1 45.1





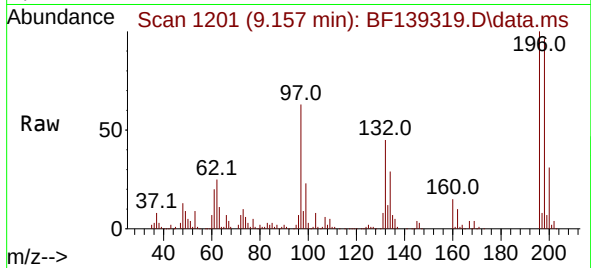
#43
2,4,6-Trichlorophenol
Concen: 47.957 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

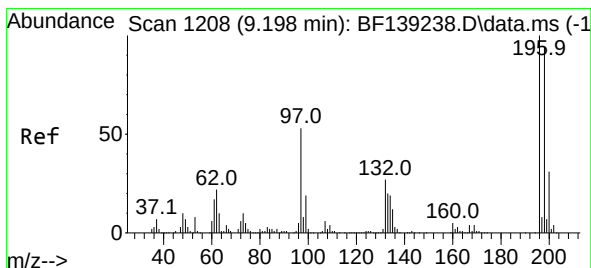
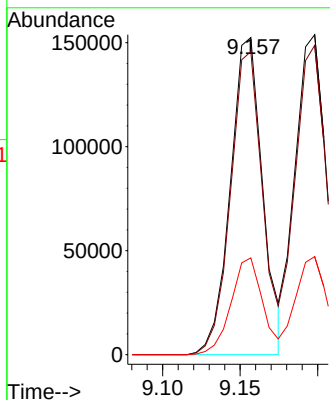
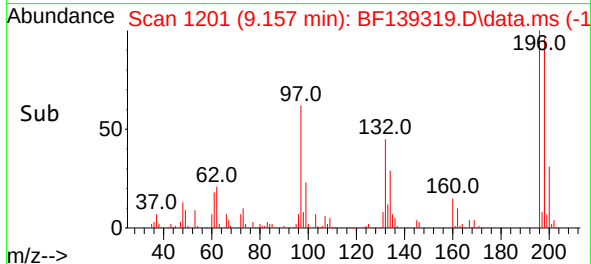


Tgt Ion:196 Resp: 220270
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
200 30.5 24.7 37.1

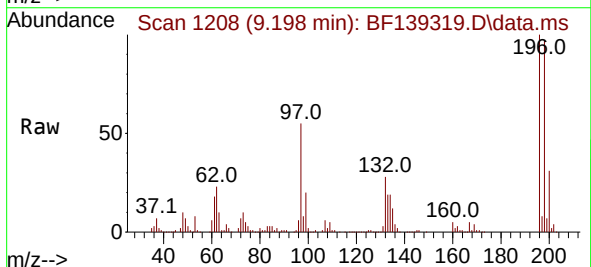
Manual Integrations

APPROVED

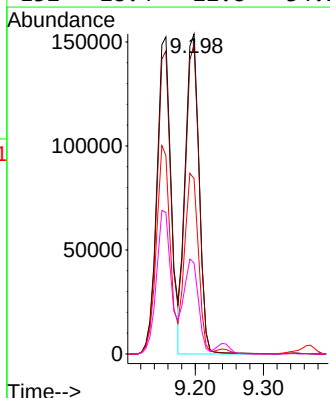
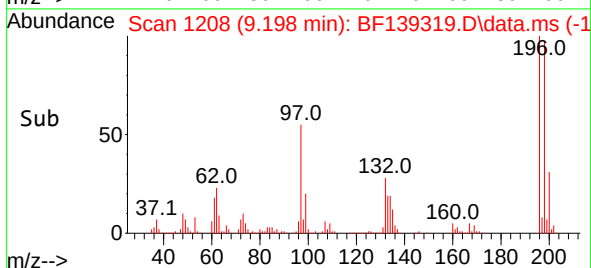
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

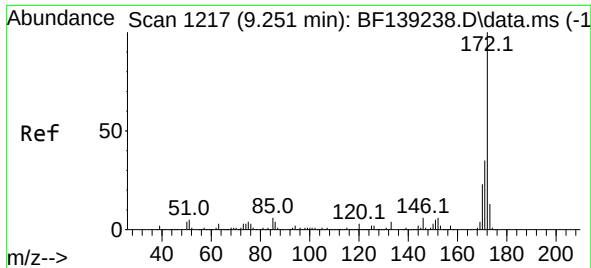


#44
2,4,5-Trichlorophenol
Concen: 44.945 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:196 Resp: 216335
Ion Ratio Lower Upper
196 100
198 96.6 75.6 113.4
97 54.8 43.6 65.4
132 28.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 92.569 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

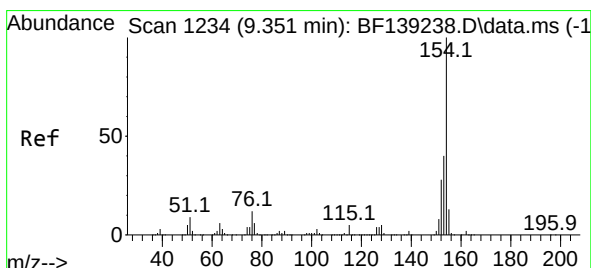
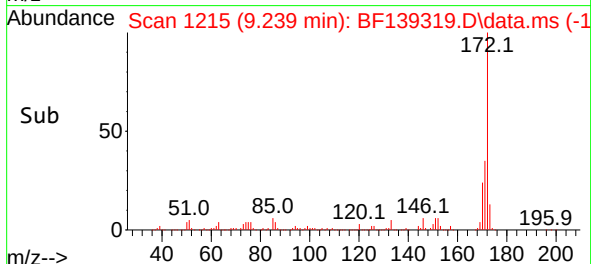
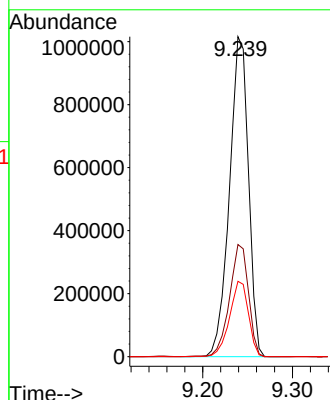
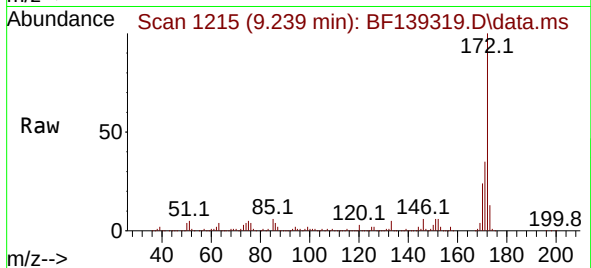
PB163274BS

Tgt Ion:172 Resp: 1487969
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1

Manual Integrations

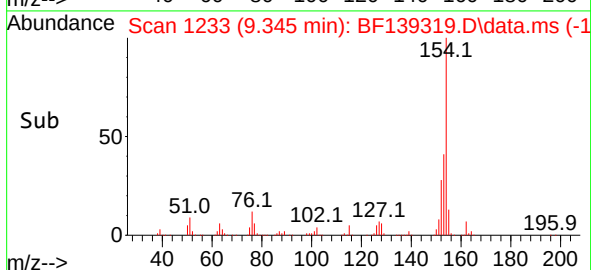
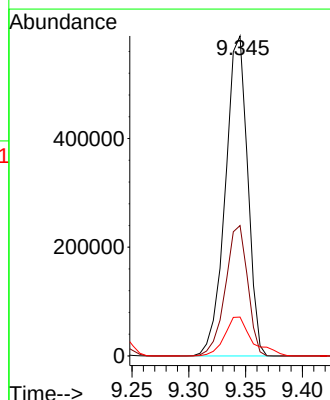
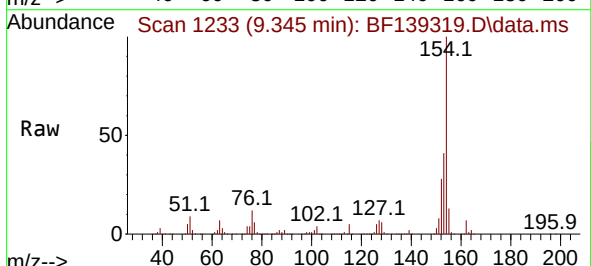
APPROVED

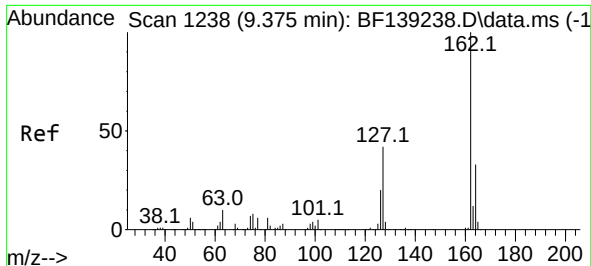
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#46
1,1'-Biphenyl
Concen: 43.703 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:154 Resp: 803424
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 12.2 0.0 32.3





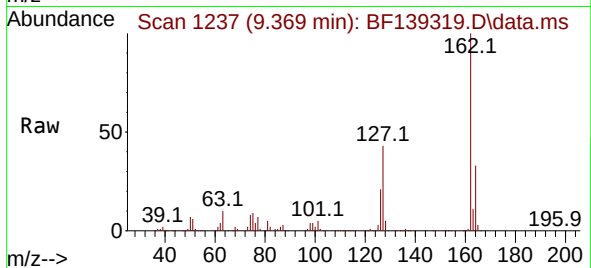
#47
2-Chloronaphthalene
Concen: 43.519 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

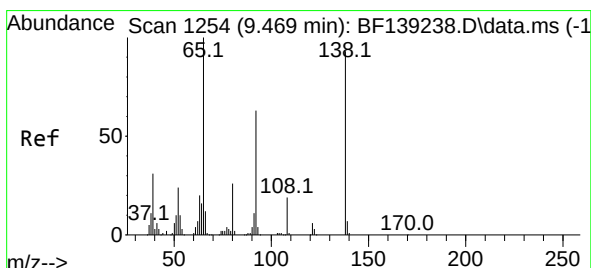
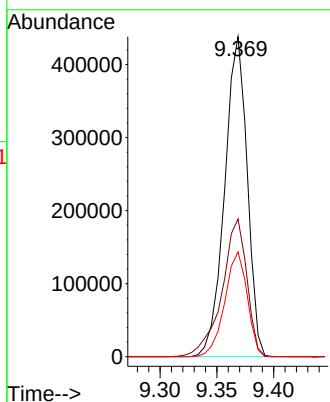
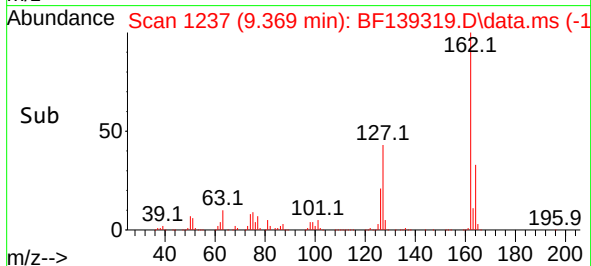


Tgt Ion:162 Resp: 604098
Ion Ratio Lower Upper
162 100
127 43.0 34.2 51.4
164 32.7 26.2 39.2

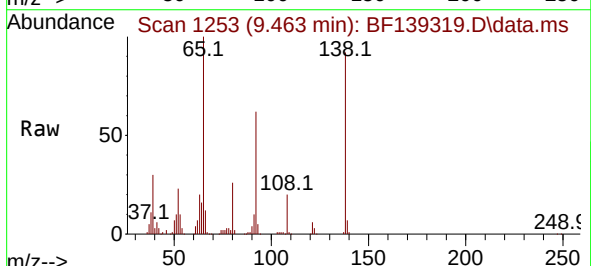
Manual Integrations

APPROVED

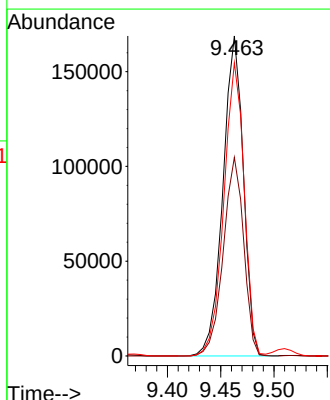
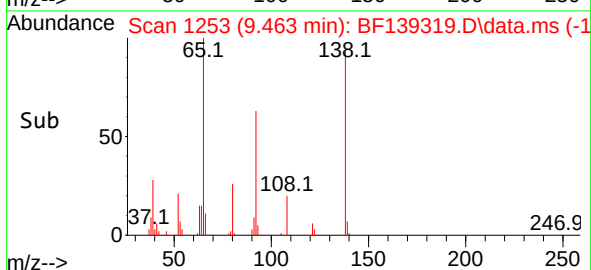
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

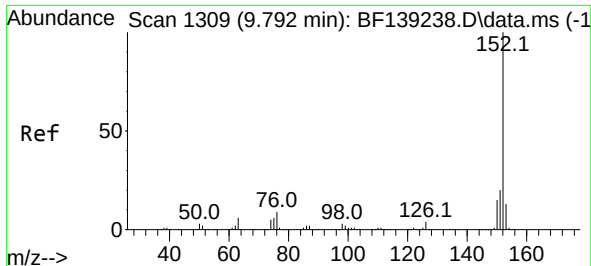


#48
2-Nitroaniline
Concen: 47.044 ng
RT: 9.463 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion: 65 Resp: 224931
Ion Ratio Lower Upper
65 100
92 62.0 50.4 75.6
138 91.6 74.2 111.4





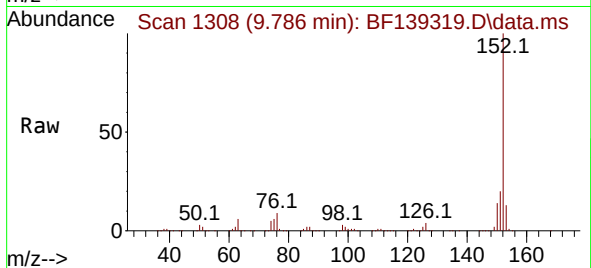
#49
Acenaphthylene
Concen: 47.470 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

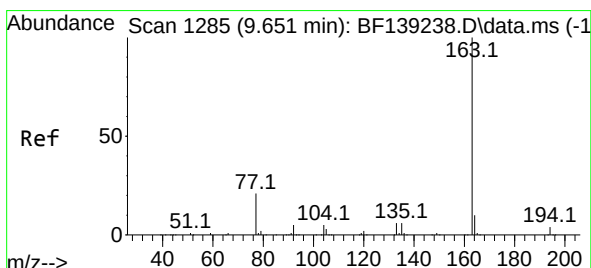
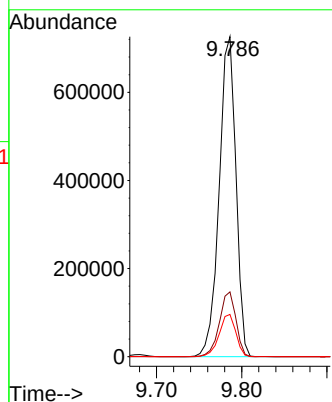
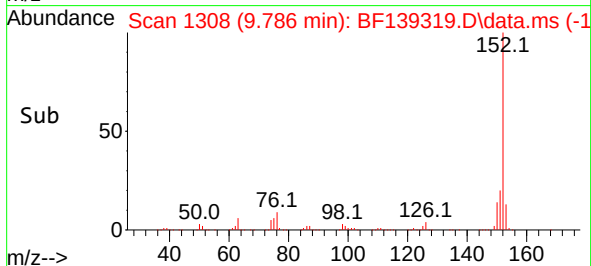


Tgt Ion:152 Resp: 99247
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.4 15.6

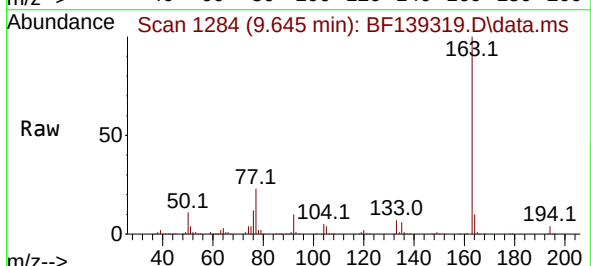
Manual Integrations

APPROVED

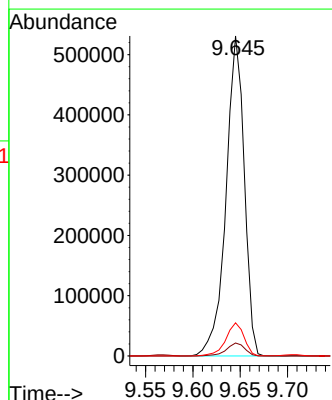
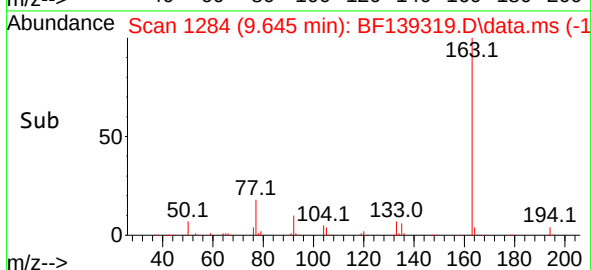
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

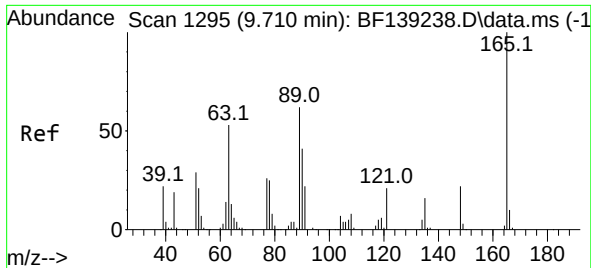


#50
Dimethylphthalate
Concen: 47.346 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:163 Resp: 712036
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.797 ng
RT: 9.704 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

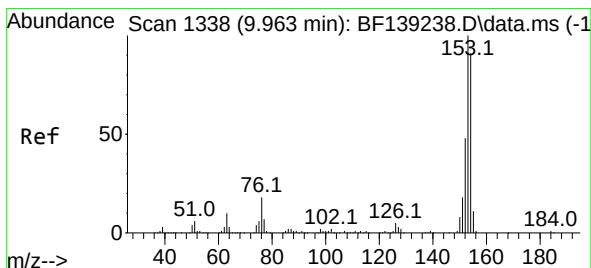
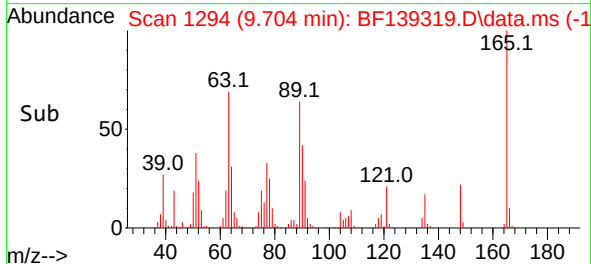
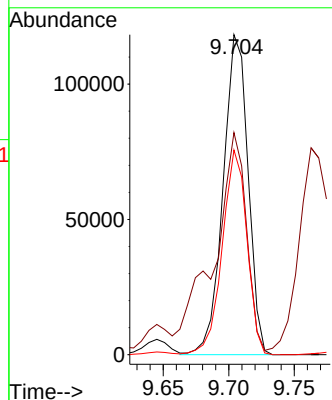
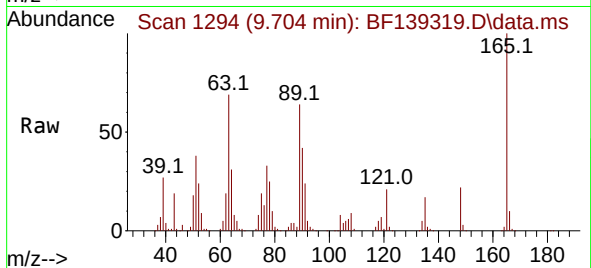
PB163274BS

Tgt Ion:165 Resp: 15624
Ion Ratio Lower Upper
165 100
63 69.4 56.1 84.1
89 64.0 49.7 74.5

Manual Integrations

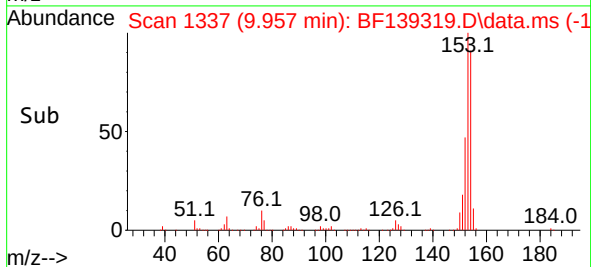
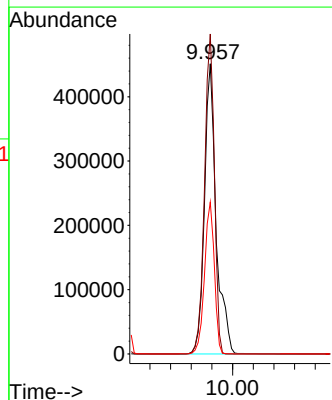
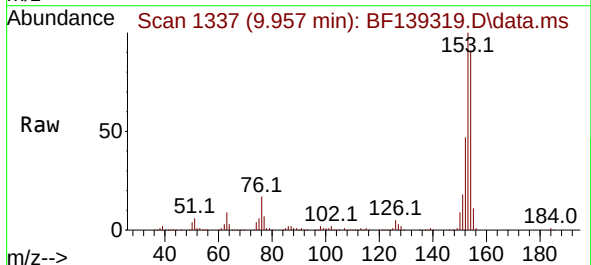
APPROVED

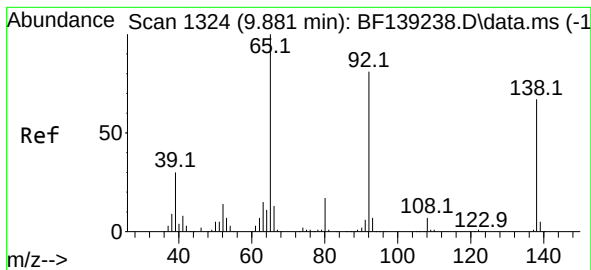
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#52
Acenaphthene
Concen: 51.386 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:154 Resp: 712578
Ion Ratio Lower Upper
154 100
153 110.3 87.8 131.6
152 52.3 41.7 62.5





#53

3-Nitroaniline

Concen: 33.062 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

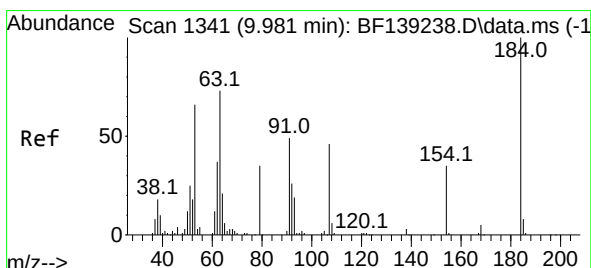
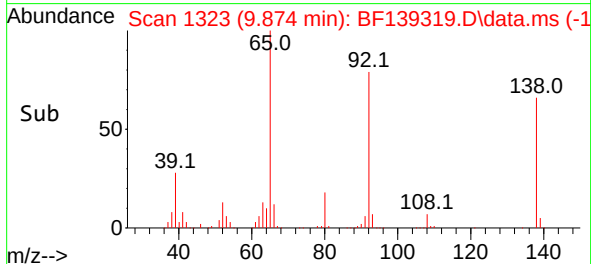
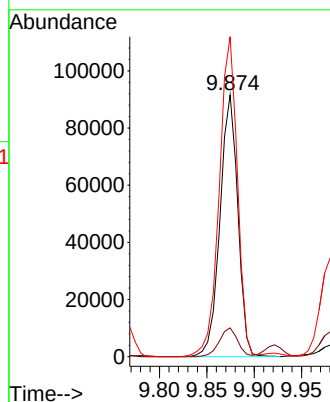
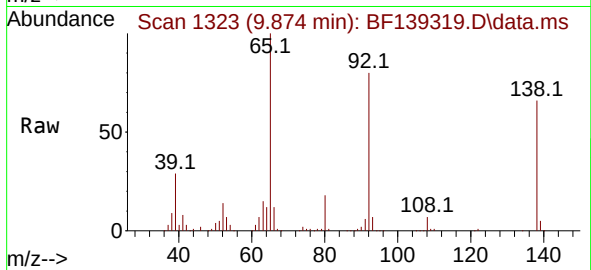
Tgt Ion:138 Resp: 12018

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.6	13.0
92	122.3	96.4	144.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#54

2,4-Dinitrophenol

Concen: 97.645 ng

RT: 9.980 min Scan# 1341

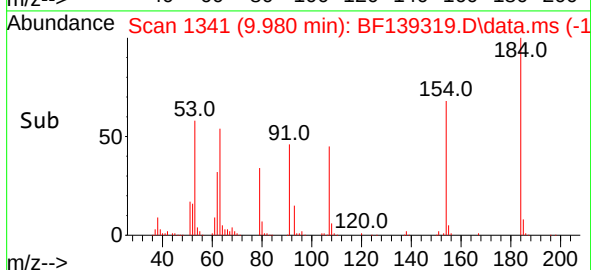
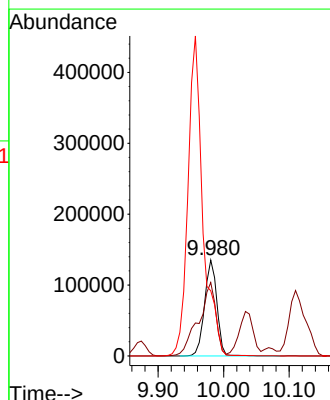
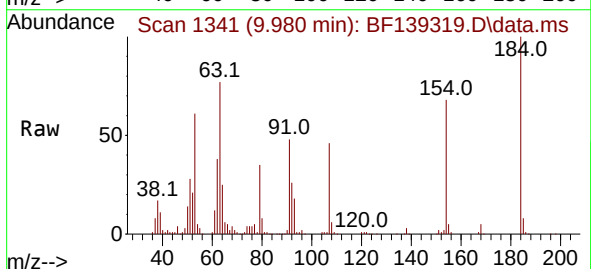
Delta R.T. -0.001 min

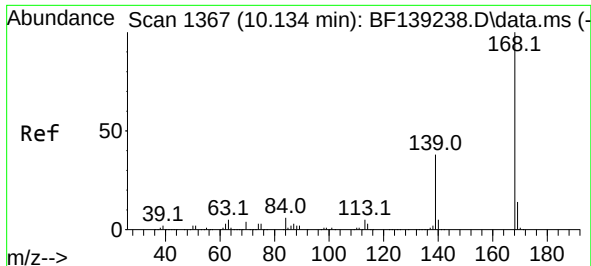
Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion:184 Resp: 177819

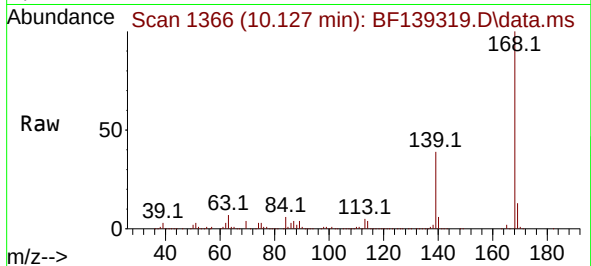
Ion	Ratio	Lower	Upper
184	100		
63	76.6	66.4	99.6
154	68.0	97.0	145.6





#55
Dibenzenofuran
Concen: 45.506 ng
RT: 10.127 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

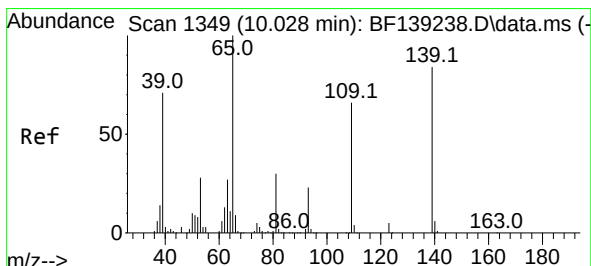
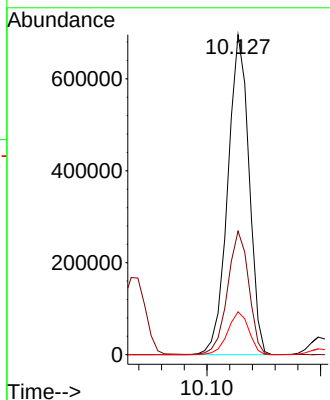
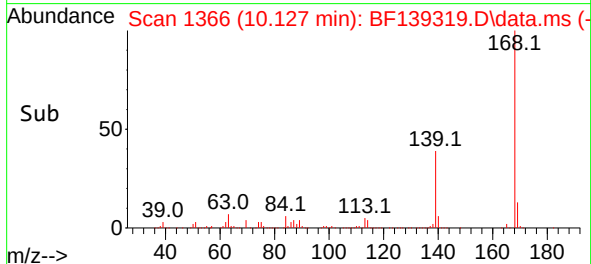
Instrument :
BNA_F
ClientSampleId :
PB163274BS



Tgt Ion:168 Resp: 90472
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.4
169 13.4 10.8 16.2

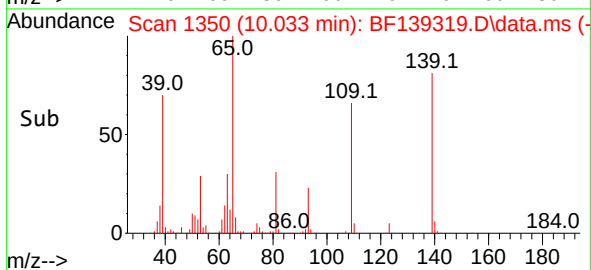
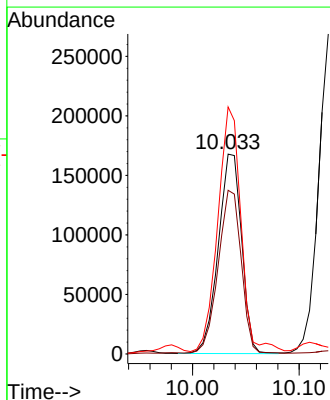
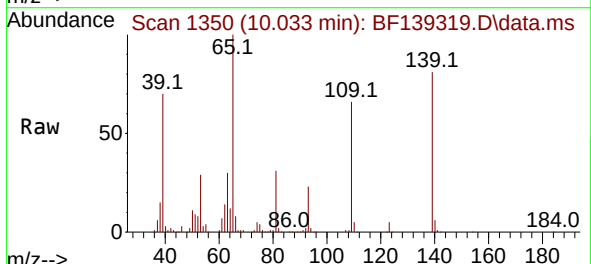
Manual Integrations
APPROVED

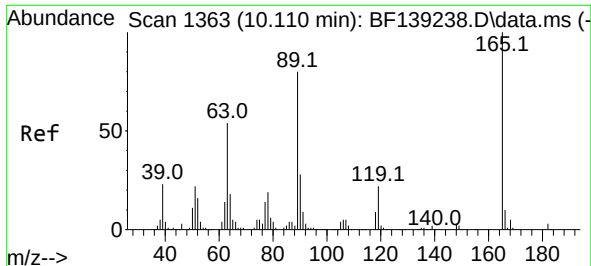
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#56
4-Nitrophenol
Concen: 94.882 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:139 Resp: 254568
Ion Ratio Lower Upper
139 100
109 81.9 58.7 98.7
65 123.6 100.3 140.3





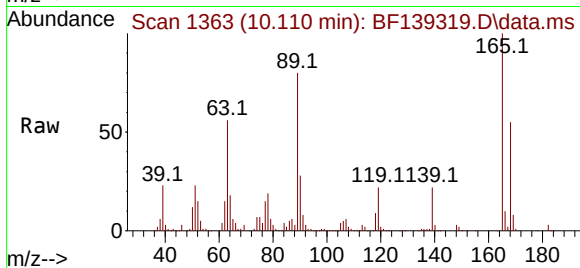
#57
2,4-Dinitrotoluene
Concen: 48.753 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

BP163274BS

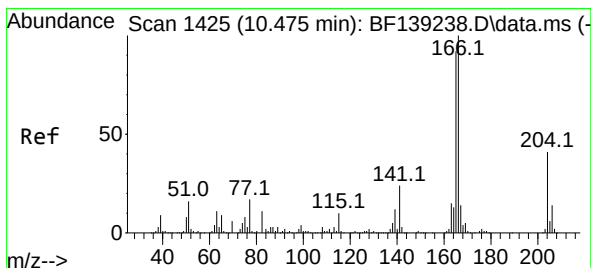
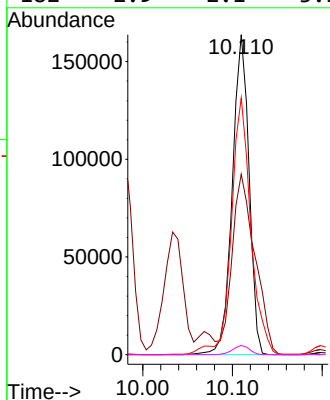
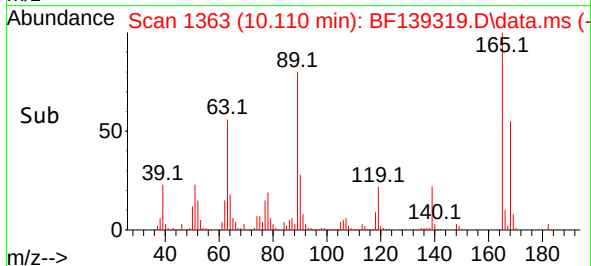


Tgt Ion:165 Resp: 211708
Ion Ratio Lower Upper
165 100
63 56.4 43.4 65.0
89 80.3 64.2 96.4
182 2.9 2.1 3.1

Manual Integrations

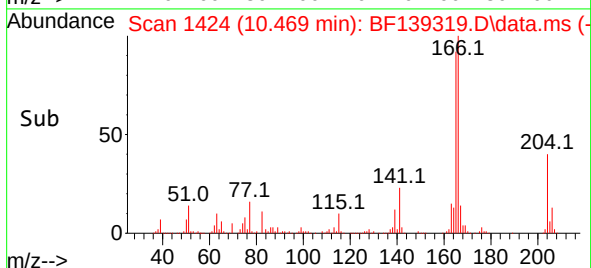
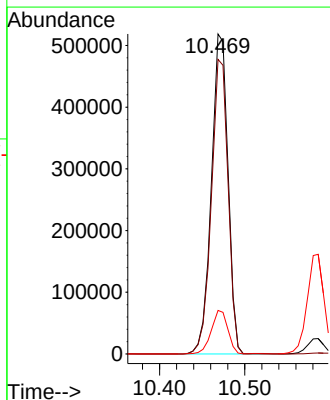
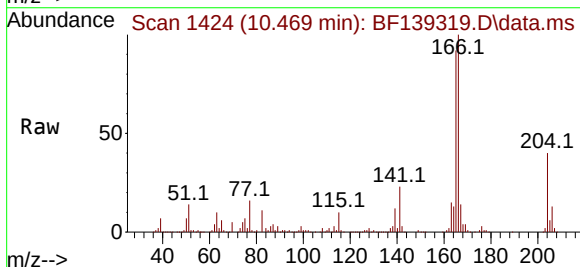
APPROVED

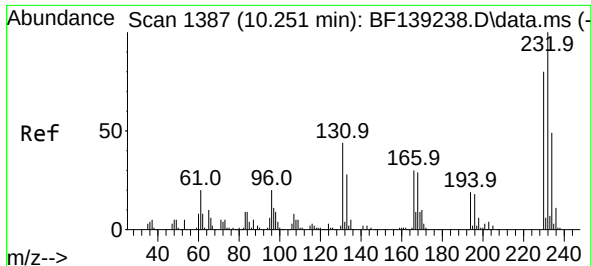
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#58
Fluorene
Concen: 45.656 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

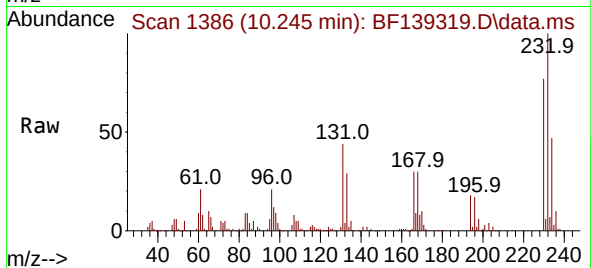
Tgt Ion:166 Resp: 703750
Ion Ratio Lower Upper
166 100
165 92.0 73.7 110.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.185 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

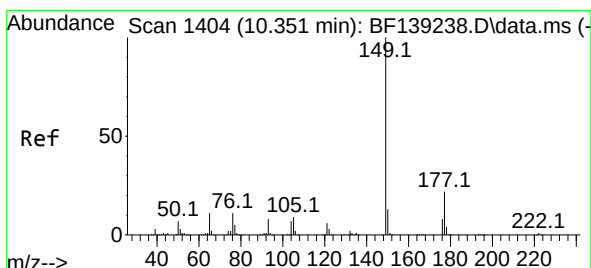
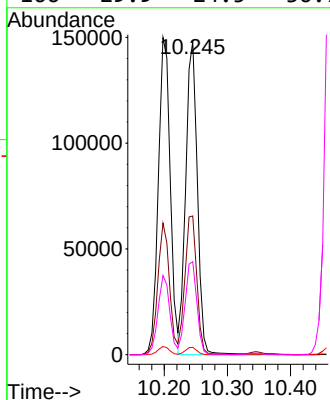
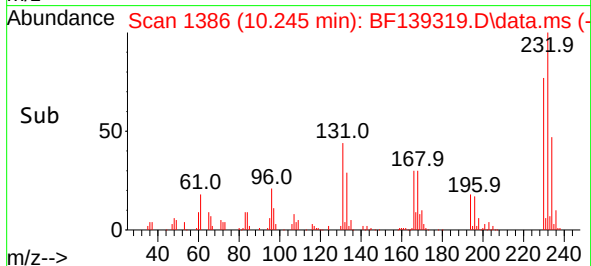
Instrument :
BNA_F
ClientSampleId :
PB163274BS



Tgt Ion:232 Resp: 19014
Ion Ratio Lower Upper
232 100
131 45.1 37.7 56.5
130 2.3 1.9 2.9
166 29.9 24.5 36.7

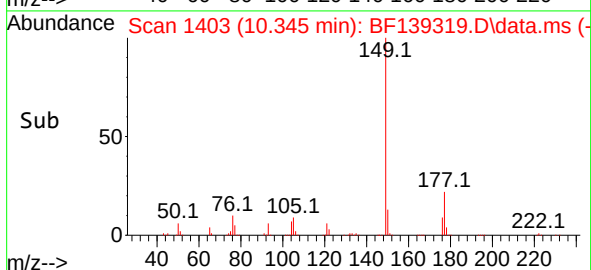
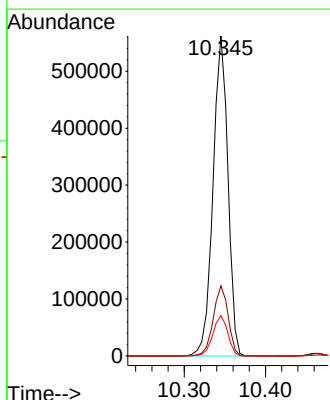
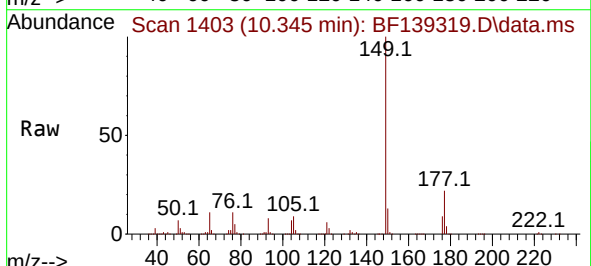
Manual Integrations
APPROVED

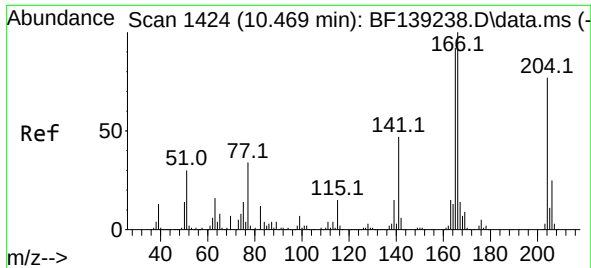
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#60
Diethylphthalate
Concen: 48.483 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

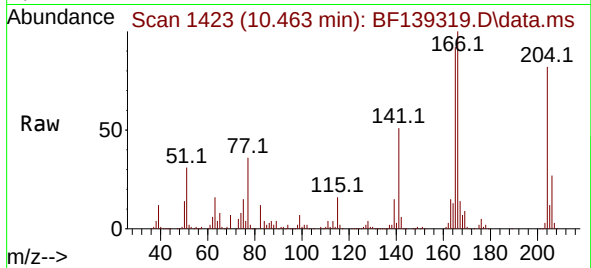
Tgt Ion:149 Resp: 717538
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.863 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

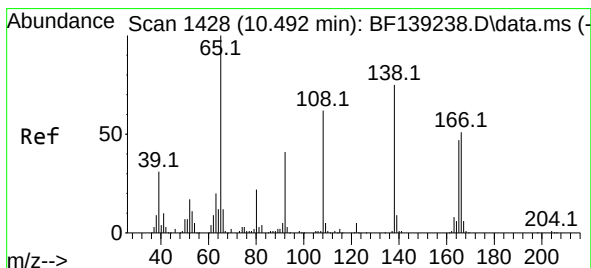
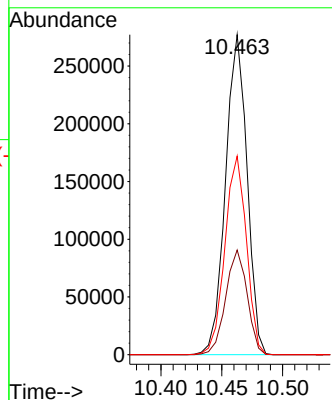
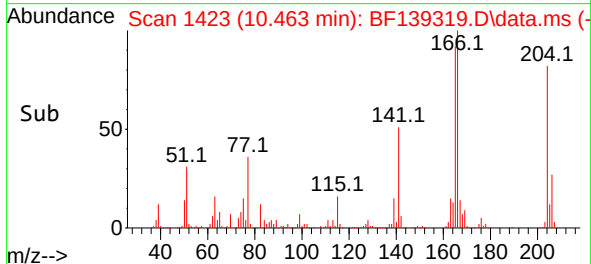
Instrument :
BNA_F
ClientSampleId :
PB163274BS



Tgt Ion:204 Resp: 340929
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 62.1 48.6 72.8

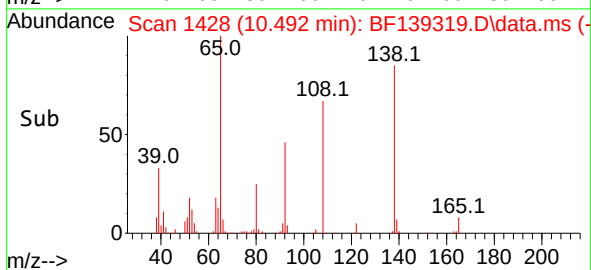
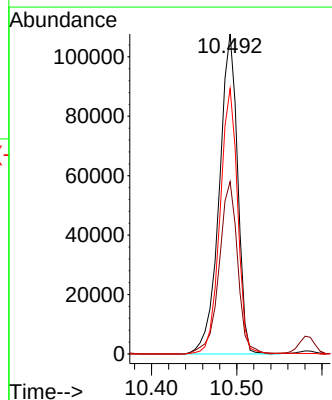
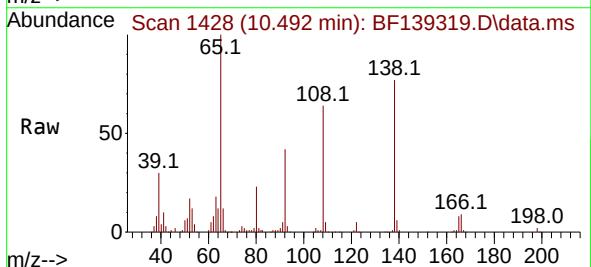
Manual Integrations
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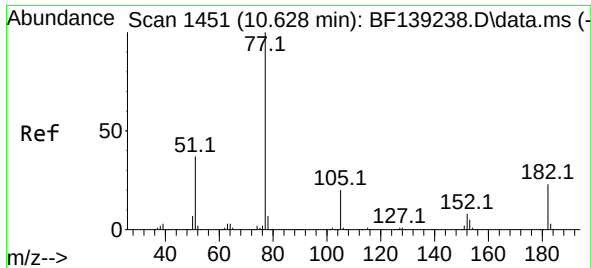
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#62
4-Nitroaniline
Concen: 46.723 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:138 Resp: 161668
Ion Ratio Lower Upper
138 100
92 53.9 34.4 74.4
108 82.9 62.7 102.7





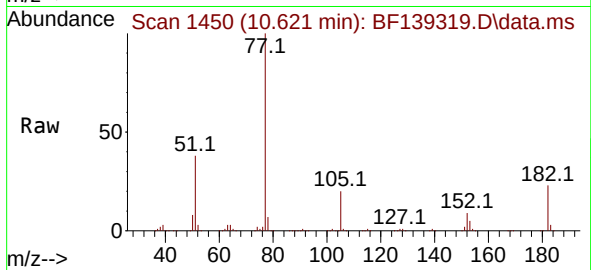
#63
Azobenzene
Concen: 46.042 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

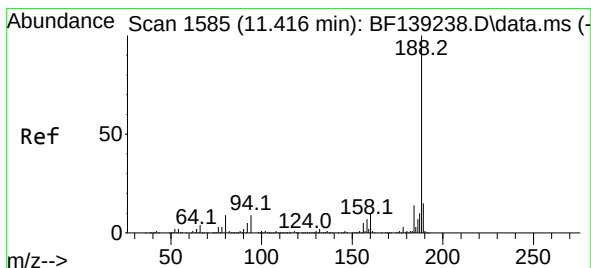
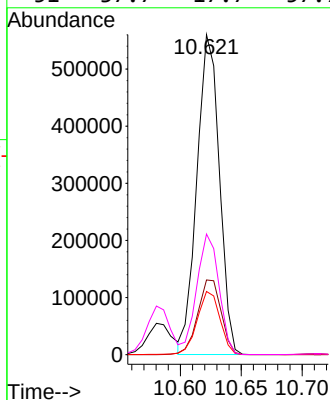
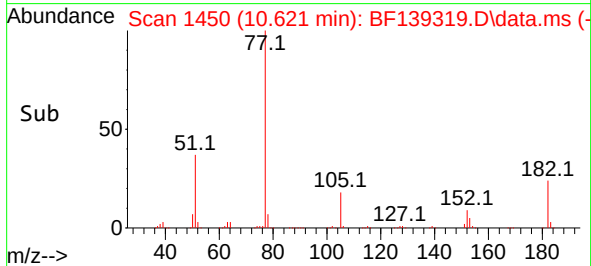


Tgt Ion: 77 Resp: 718194
Ion Ratio Lower Upper
77 100
182 23.3 3.0 43.0
105 19.7 0.0 39.4
51 37.7 17.7 57.7

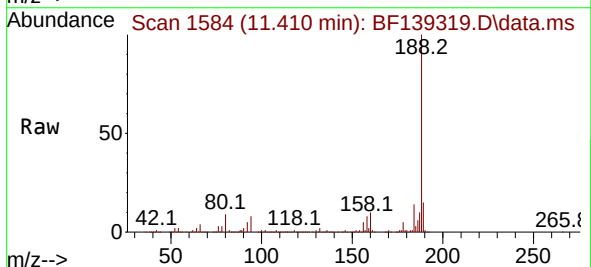
Manual Integrations

APPROVED

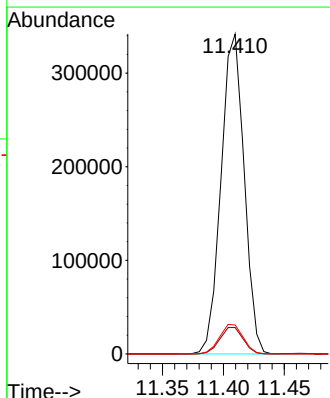
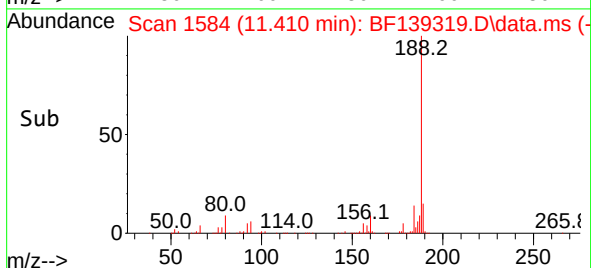
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

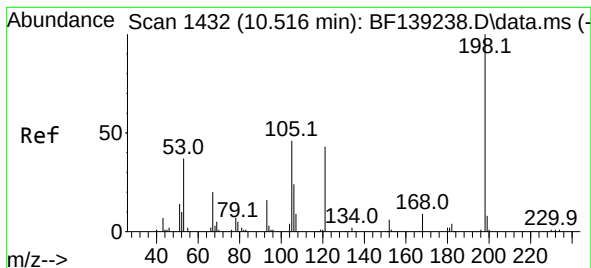


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:188 Resp: 451359
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 52.211 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

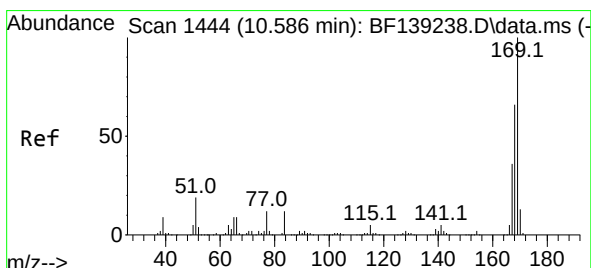
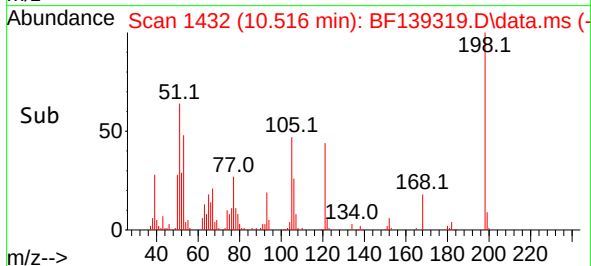
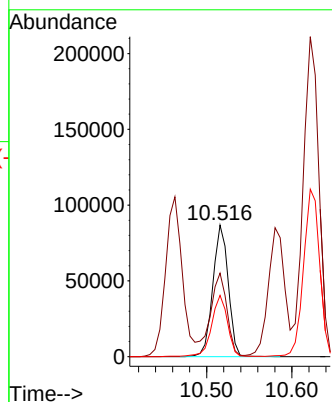
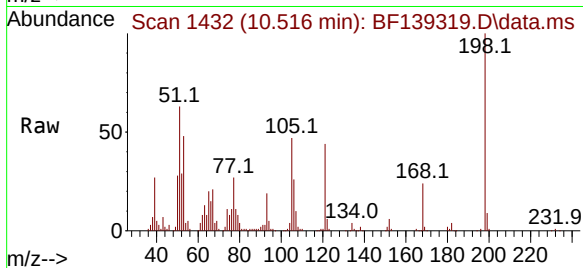
ClientSampleId :

PB163274BS

Tgt Ion:198 Resp: 108888
Ion Ratio Lower Upper
198 100
51 63.5 47.2 87.2
105 46.5 27.1 67.1

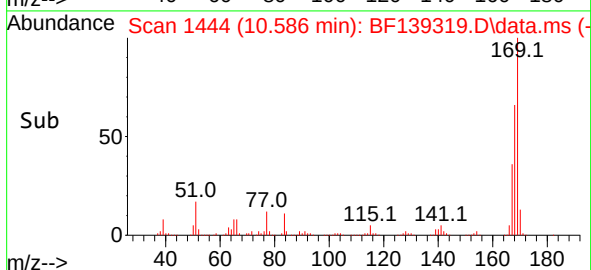
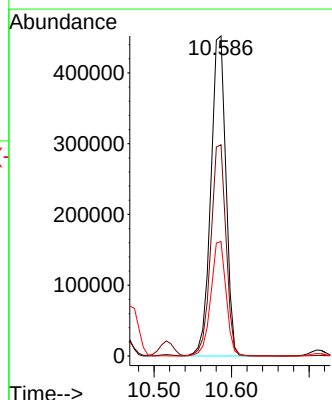
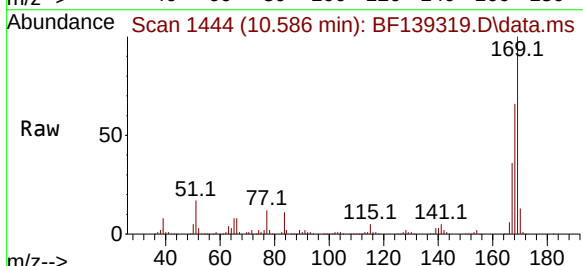
Manual Integrations
APPROVED

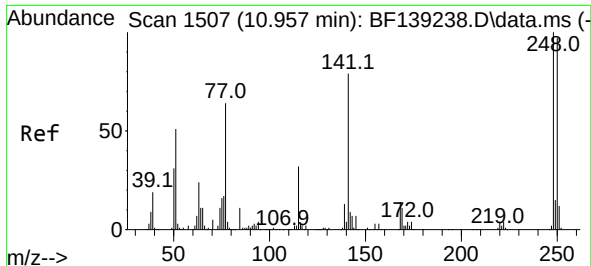
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#66
n-Nitrosodiphenylamine
Concen: 46.349 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

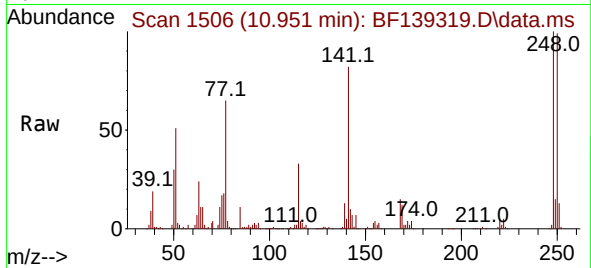
Tgt Ion:169 Resp: 608953
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.158 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

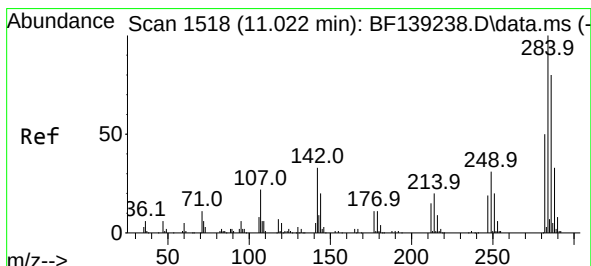
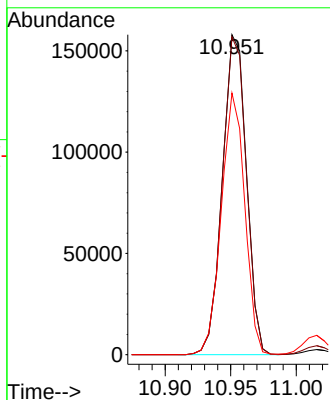
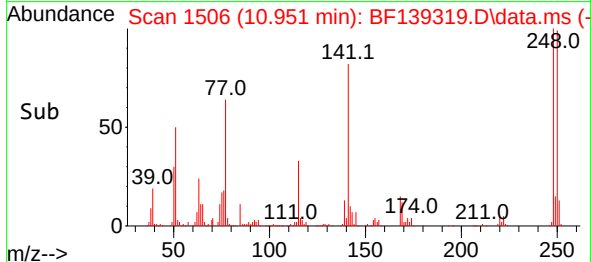
Instrument :
BNA_F
ClientSampleId :
PB163274BS



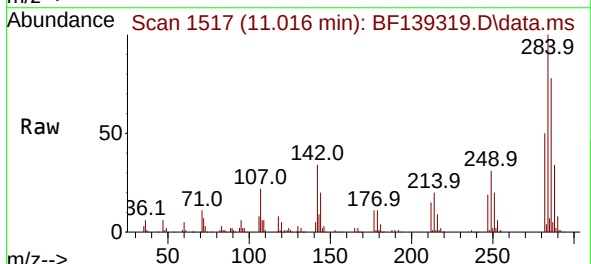
Tgt Ion:248 Resp: 202138
Ion Ratio Lower Upper
248 100
250 99.3 77.2 115.8
141 81.8 63.6 95.4

Manual Integrations
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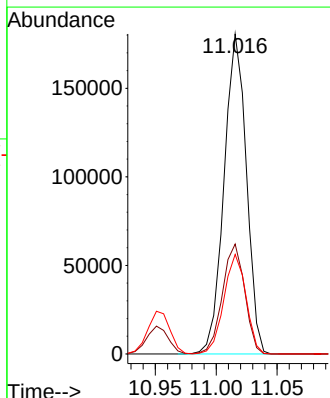
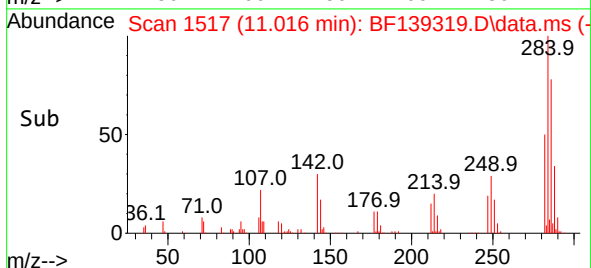
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

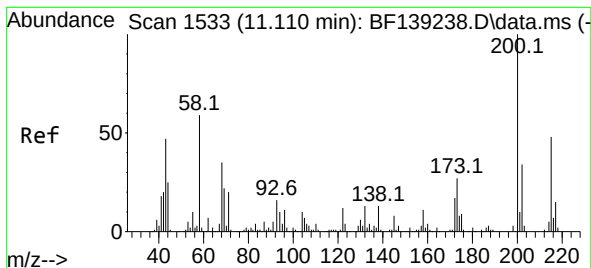


#68
Hexachlorobenzene
Concen: 45.928 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:284 Resp: 230247
Ion Ratio Lower Upper
284 100
142 34.4 26.5 39.7
249 31.1 24.8 37.2





#69

Atrazine

Concen: 63.315 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

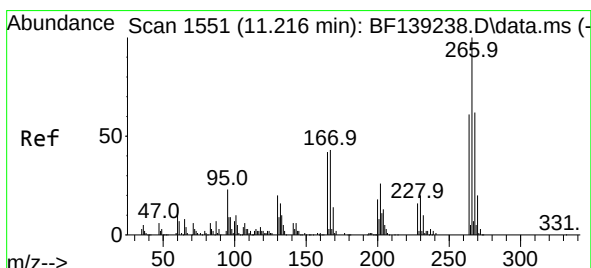
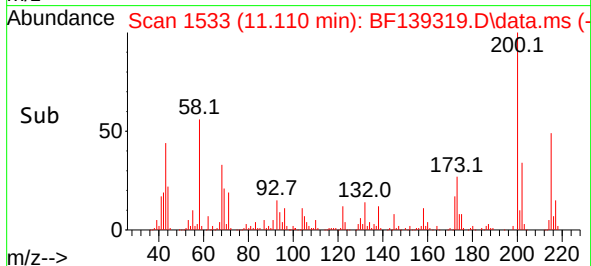
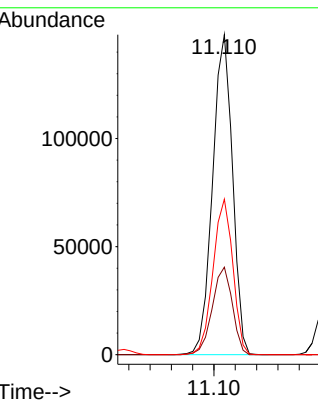
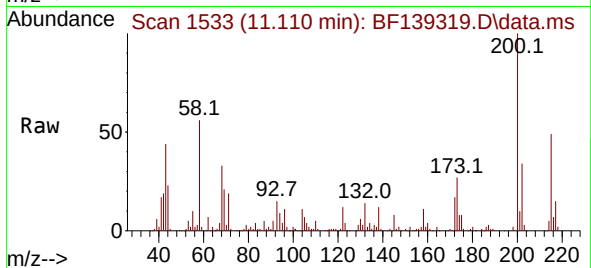
PB163274BS

Tgt Ion:200 Resp: 19192
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.1 47.1
 215 48.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024



#70

Pentachlorophenol

Concen: 93.768 ng

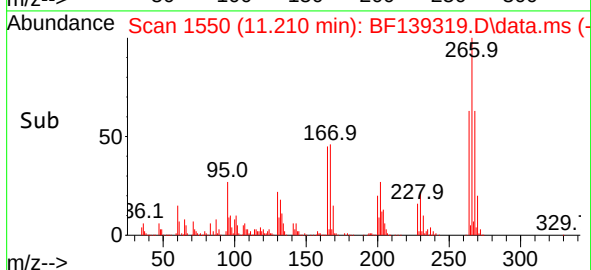
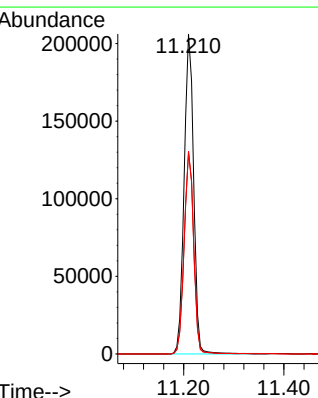
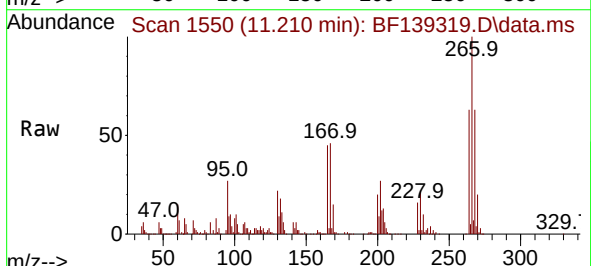
RT: 11.210 min Scan# 1550

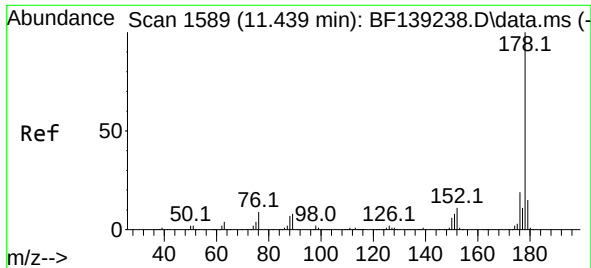
Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

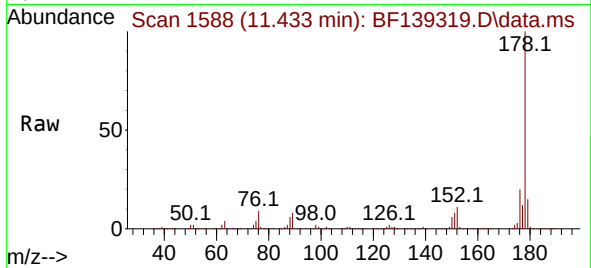
Tgt Ion:266 Resp: 271543
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.7 74.5
 264 63.3 49.2 73.8





#71
Phenanthrene
Concen: 46.509 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

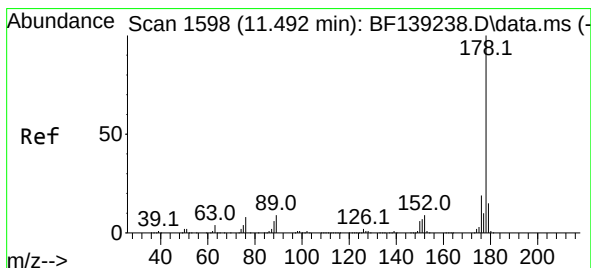
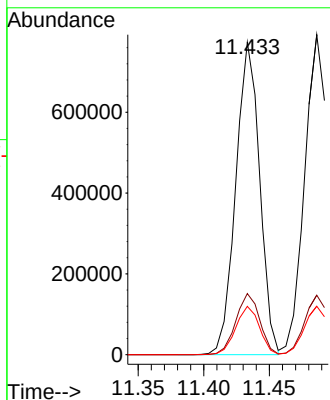
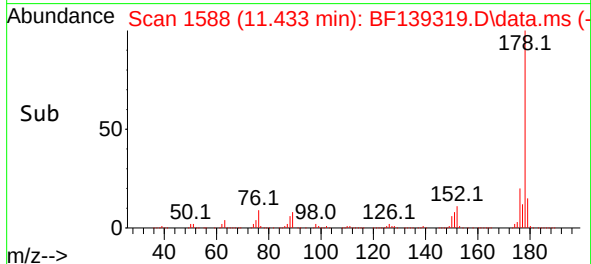
Instrument :
BNA_F
ClientSampleId :
PB163274BS



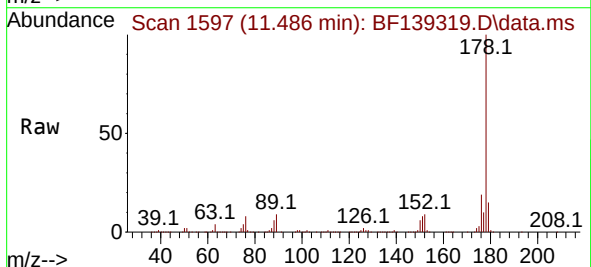
Tgt Ion:178 Resp: 980679
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.3 18.5

Manual Integrations
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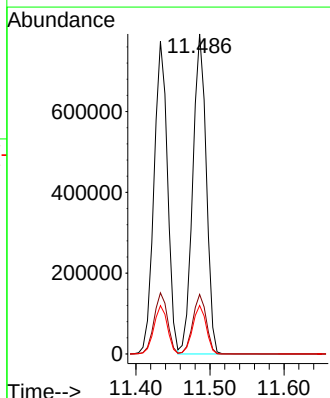
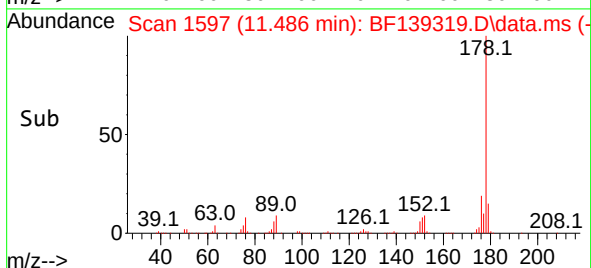
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

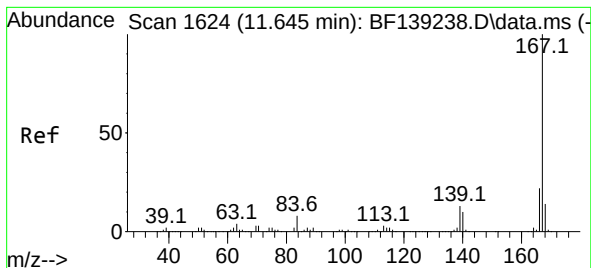


#72
Anthracene
Concen: 48.566 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:178 Resp: 1000351
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.1 12.3 18.5





#73

Carbazole

Concen: 46.749 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

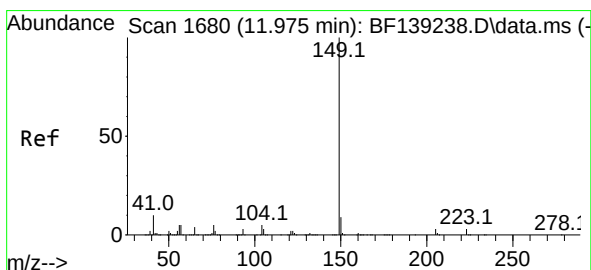
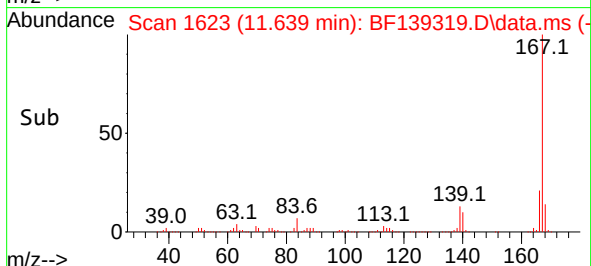
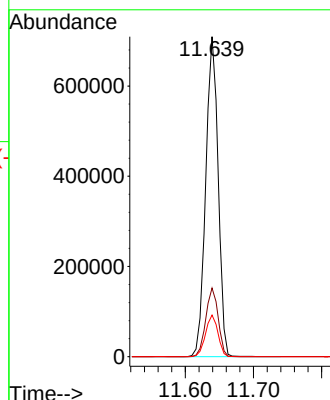
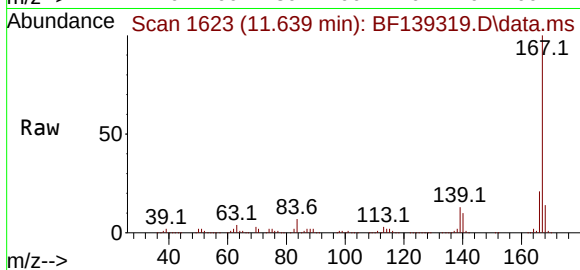
PB163274BS

Tgt Ion:167	Resp: 89998
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 13.0	10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#74

Di-n-butylphthalate

Concen: 53.110 ng

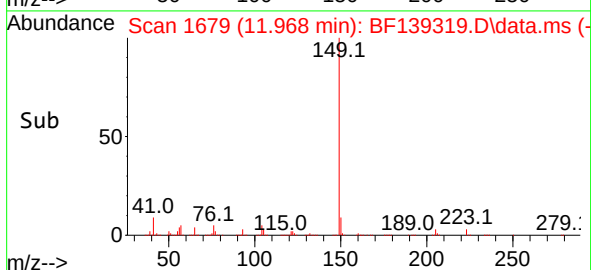
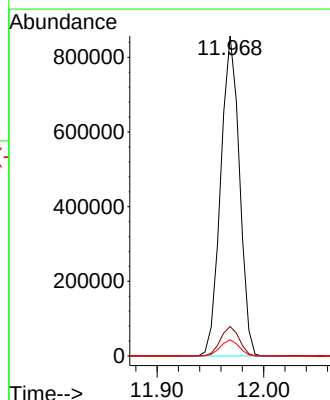
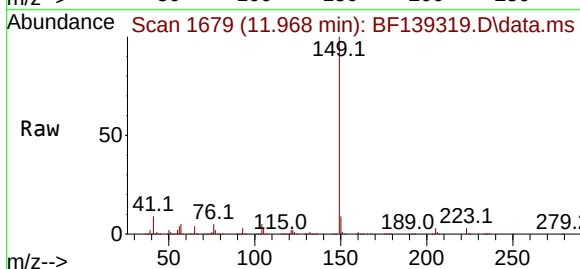
RT: 11.968 min Scan# 1679

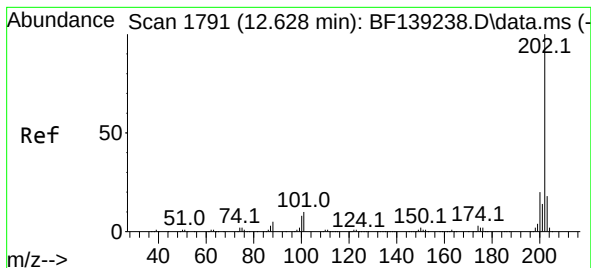
Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Tgt Ion:149	Resp: 1046874
Ion Ratio	Lower Upper
149 100	
150 9.2	7.5 11.3
104 5.0	3.9 5.9





#75

Fluoranthene

Concen: 47.790 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

Tgt Ion:202 Resp: 101023

Ion Ratio Lower Upper

202 100

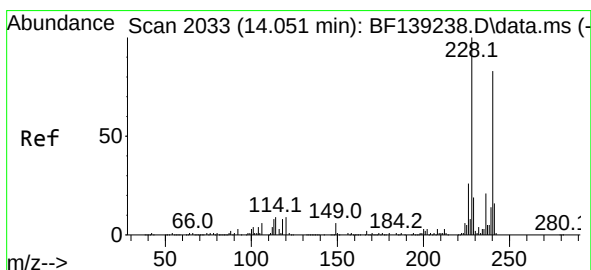
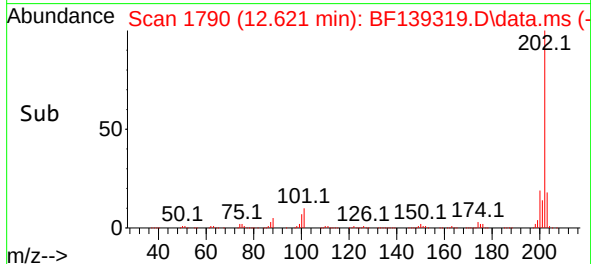
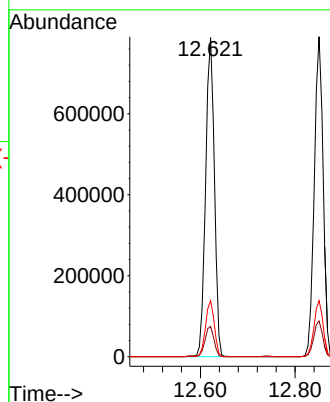
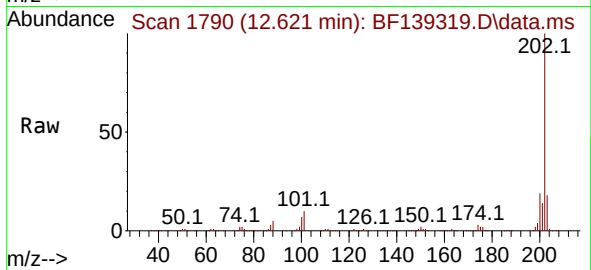
101 9.5 0.0 29.9

203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.023 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

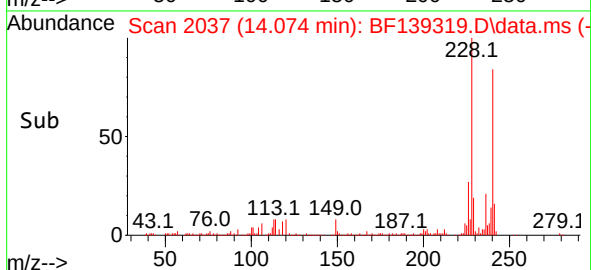
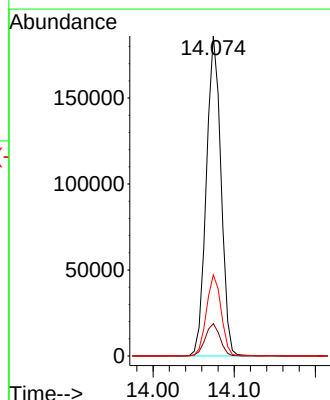
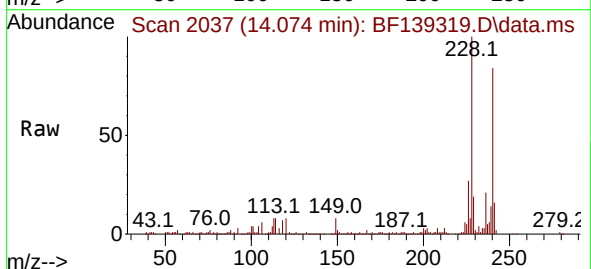
Tgt Ion:240 Resp: 232651

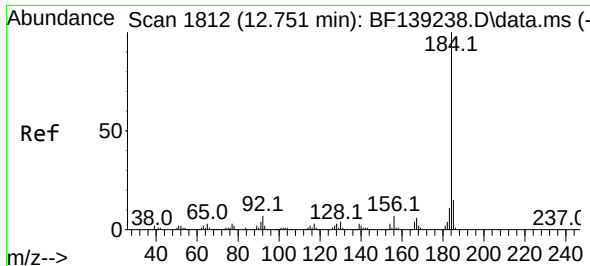
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

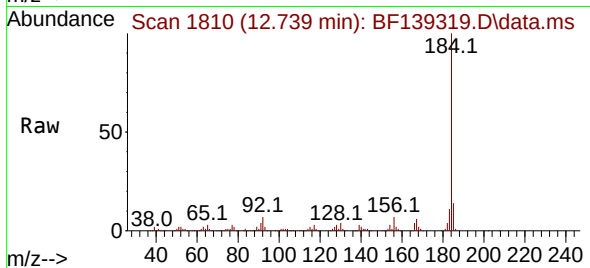
236 25.4 20.7 31.1





#77
Benzidine
Concen: 62.198 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

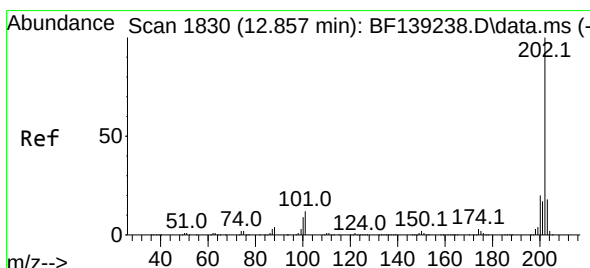
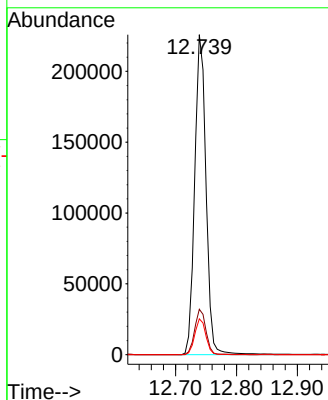
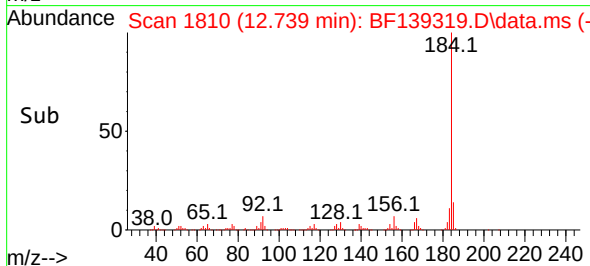
Instrument :
BNA_F
ClientSampleId :
PB163274BS



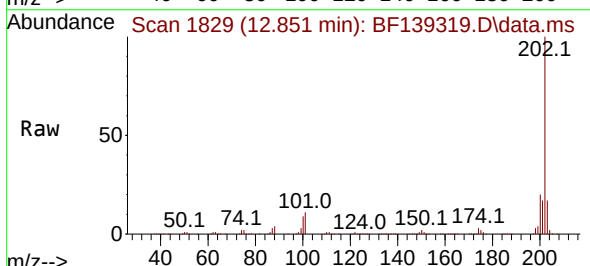
Tgt Ion:184 Resp: 291368
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.2 8.8 13.2

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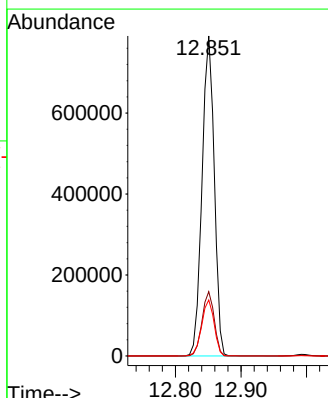
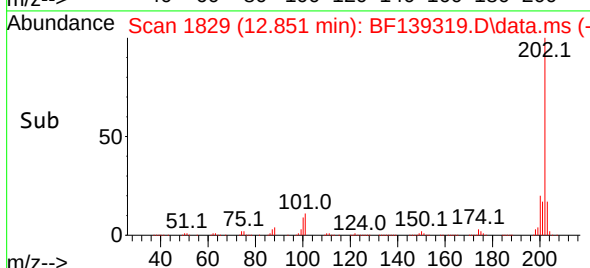
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

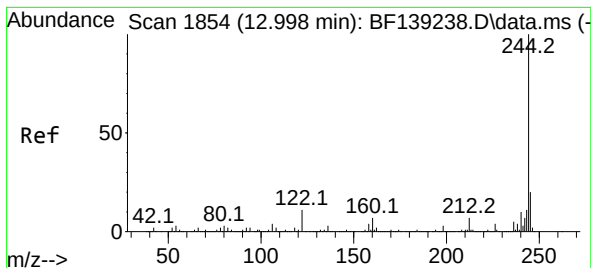


#78
Pyrene
Concen: 45.692 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:202 Resp: 1026889
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 99.629 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

Tgt Ion:244 Resp: 1435590

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

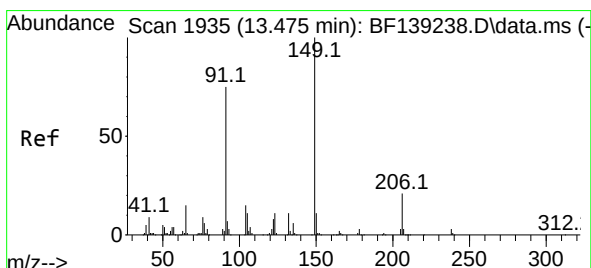
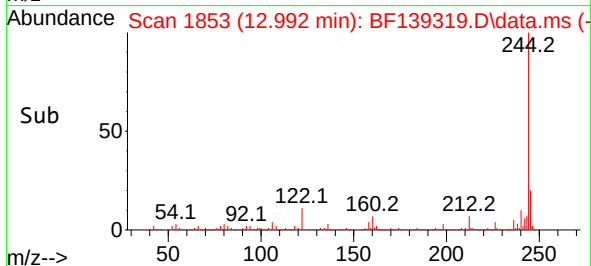
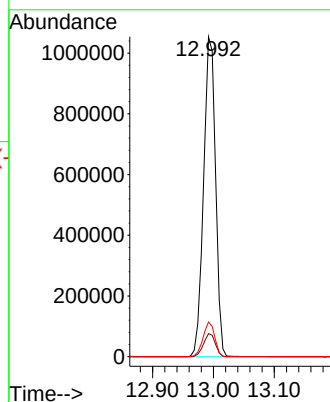
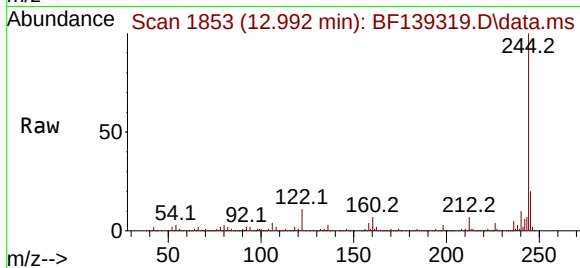
122 10.9 8.7 13.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024

Supervised By :mohammad ahmed 09/13/2024



#80

Butylbenzylphthalate

Concen: 64.003 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

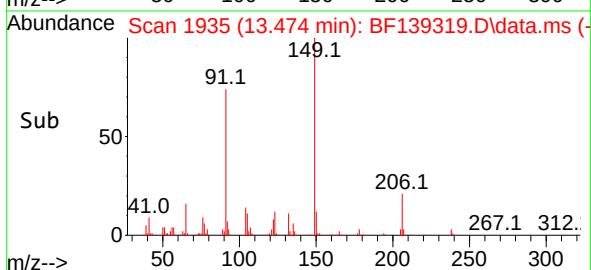
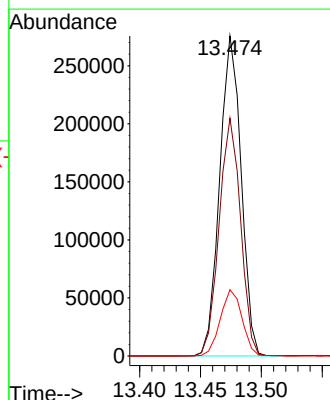
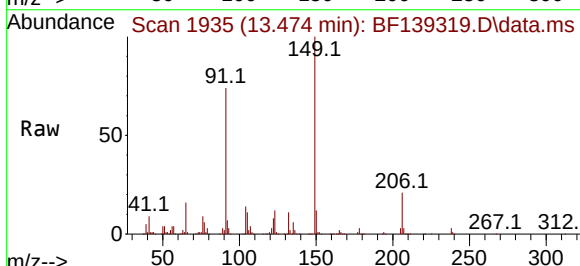
Tgt Ion:149 Resp: 338621

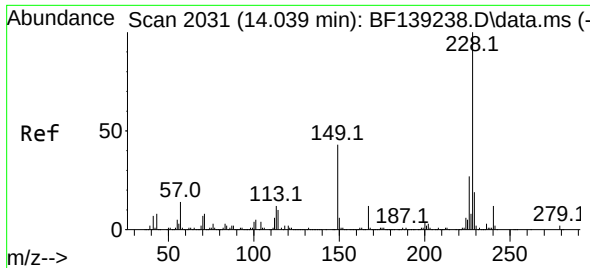
Ion Ratio Lower Upper

149 100

91 74.3 60.3 90.5

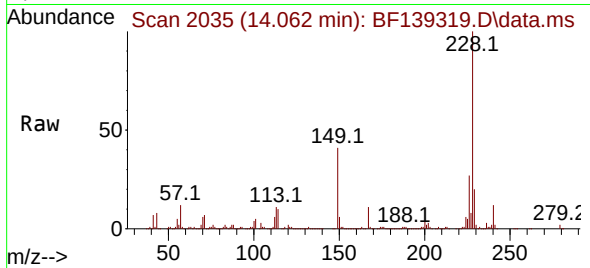
206 20.7 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.101 ng
RT: 14.062 min Scan# 2031
Delta R.T. 0.023 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

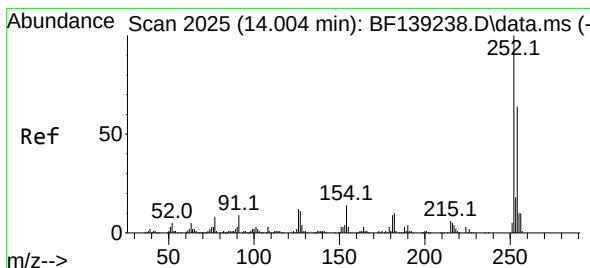
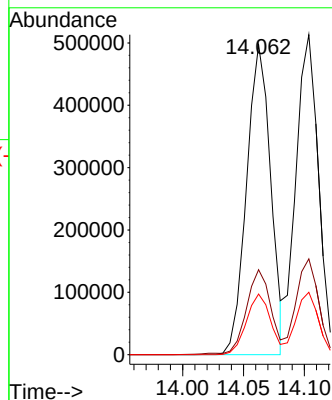
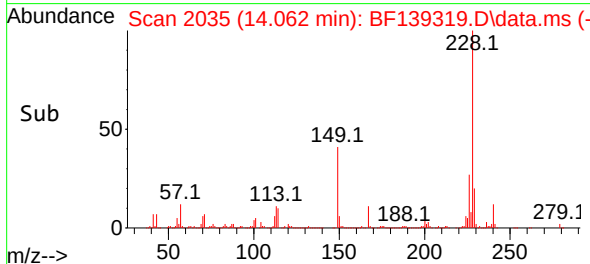
Instrument :
BNA_F
ClientSampleId :
PB163274BS



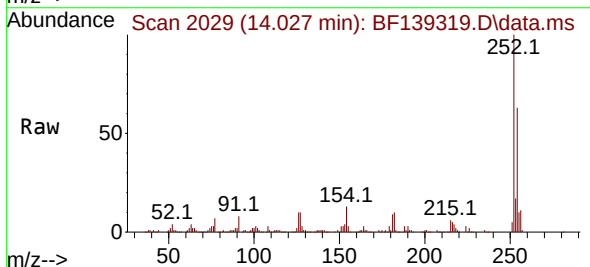
Tgt Ion:228 Resp: 68486
Ion Ratio Lower Upper
228 100
226 27.4 21.5 32.3
229 19.6 15.6 23.4

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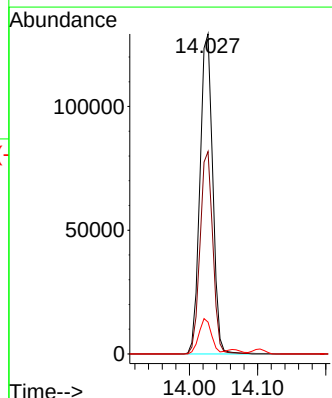
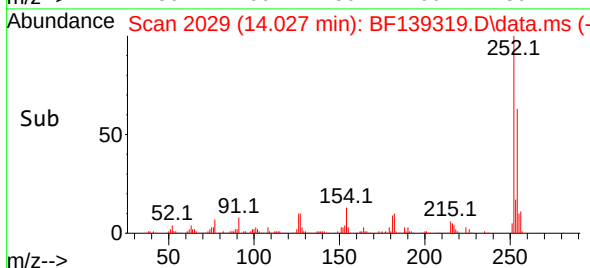
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

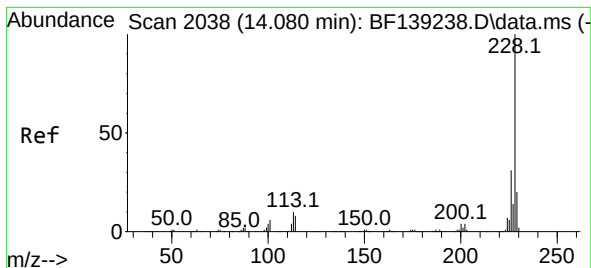


#82
3,3'-Dichlorobenzidine
Concen: 42.743 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.023 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:252 Resp: 168632
Ion Ratio Lower Upper
252 100
254 63.3 51.5 77.3
126 10.0 9.2 13.8





#83

Chrysene

Concen: 47.713 ng

RT: 14.104 min Scan# 2042

Delta R.T. 0.023 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

Tgt Ion:228 Resp: 661550

Ion Ratio Lower Upper

228 100

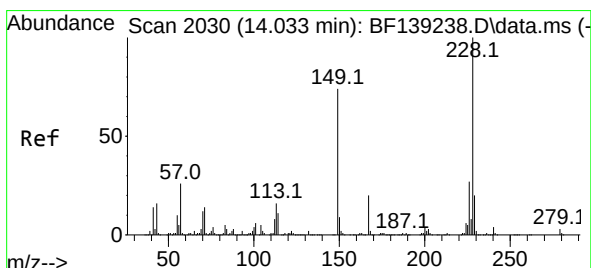
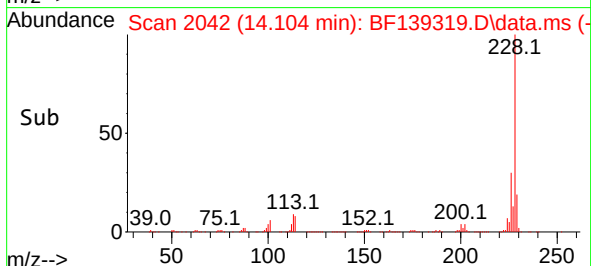
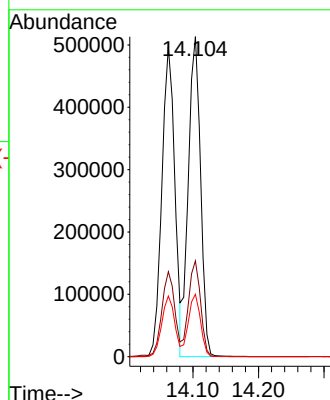
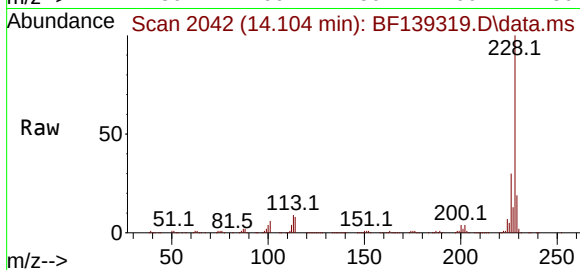
226 29.9 23.8 35.8

229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.936 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.023 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

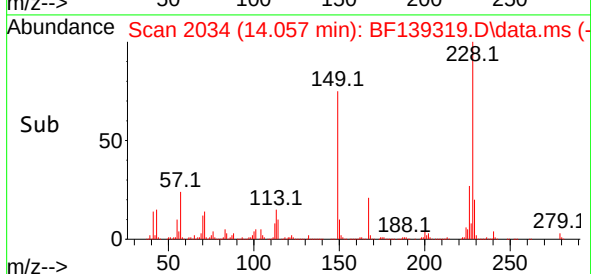
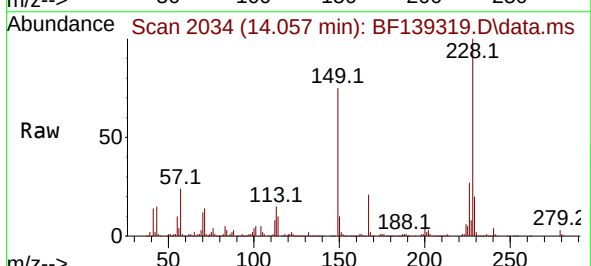
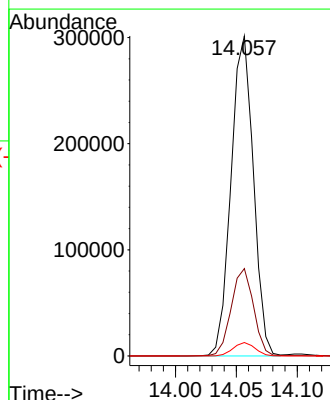
Tgt Ion:149 Resp: 384612

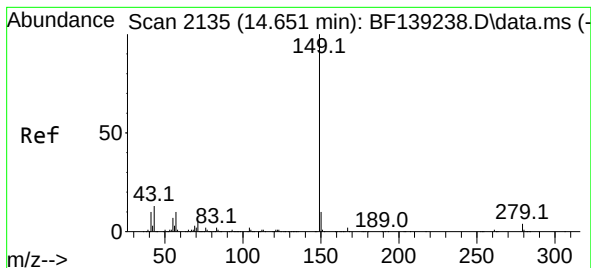
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 49.281 ng

RT: 14.715 min Scan# 2146

Delta R.T. 0.064 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

Tgt Ion:149 Resp: 58590

Ion Ratio Lower Upper

149 100

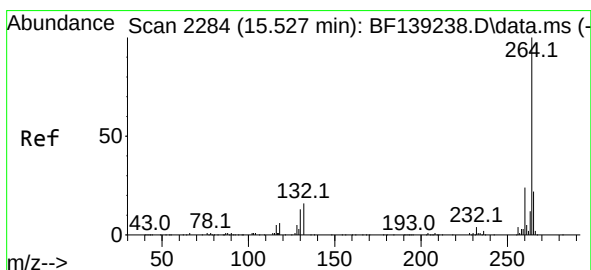
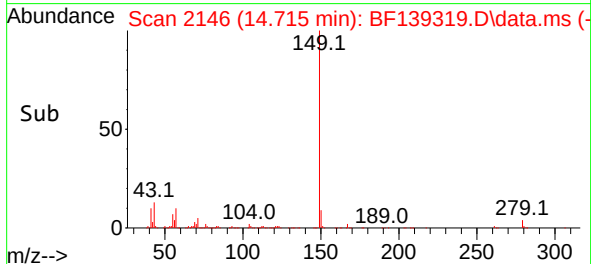
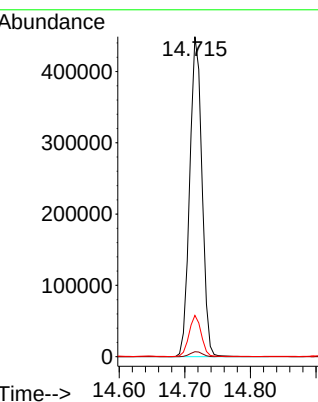
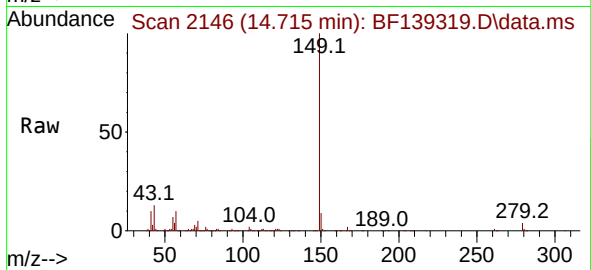
167 1.6 1.3 1.9

43 12.7 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.598 min Scan# 2296

Delta R.T. 0.070 min

Lab File: BF139319.D

Acq: 11 Sep 2024 12:17

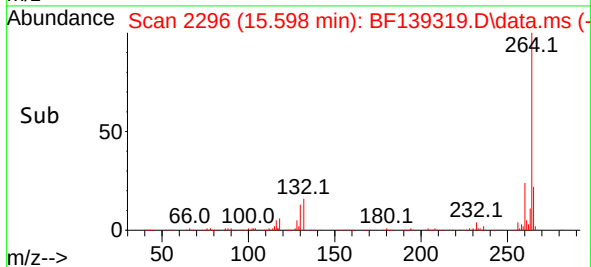
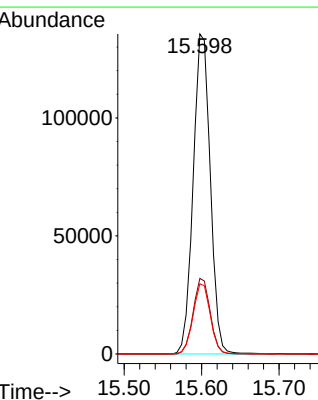
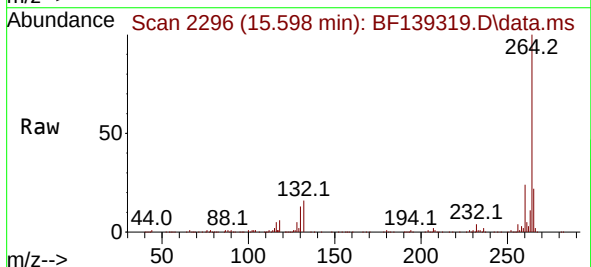
Tgt Ion:264 Resp: 207802

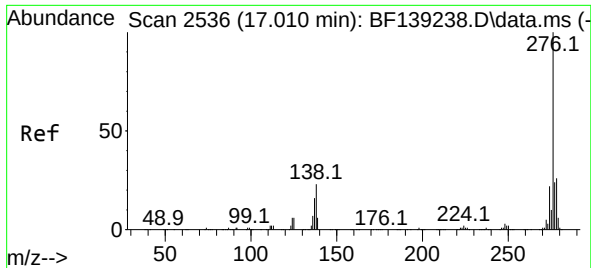
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 17.3 25.9





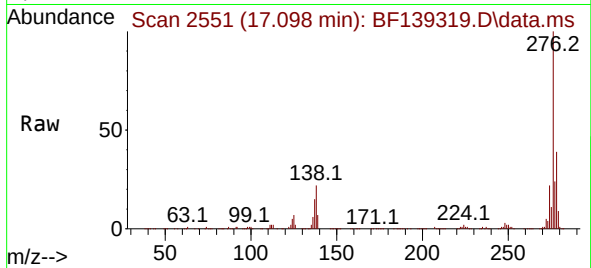
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.489 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

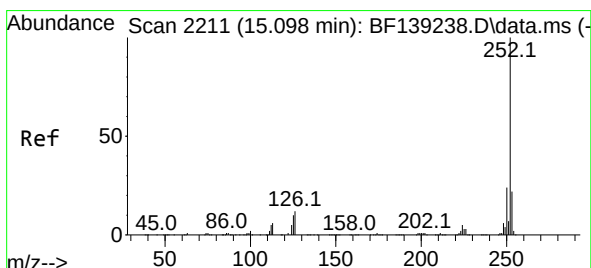
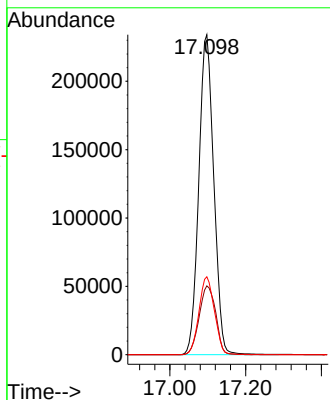
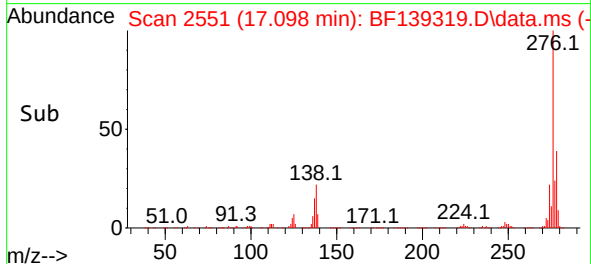


Tgt Ion:276 Resp: 642450
Ion Ratio Lower Upper
276 100
138 23.7 20.4 30.6
277 25.2 20.3 30.5

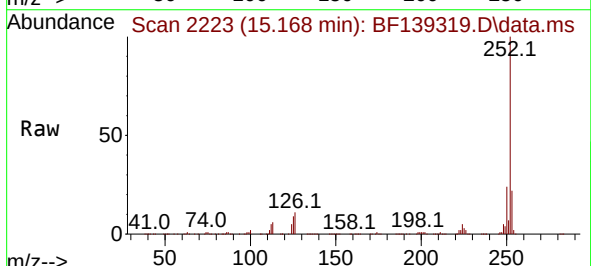
Manual Integrations

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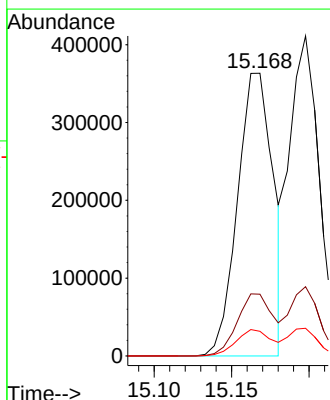
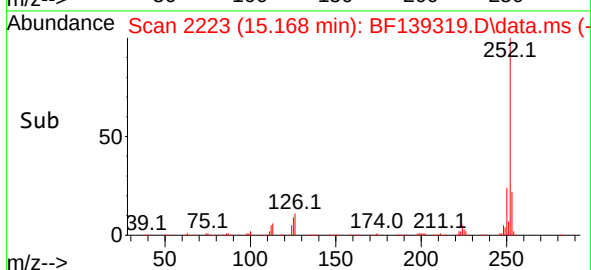
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

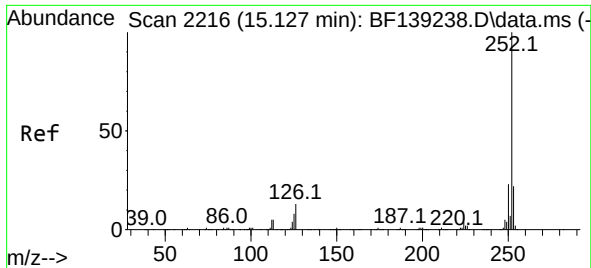


#88
Benzo(b)fluoranthene
Concen: 48.649 ng
RT: 15.168 min Scan# 2223
Delta R.T. 0.070 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:252 Resp: 582197
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.7 7.6 11.4





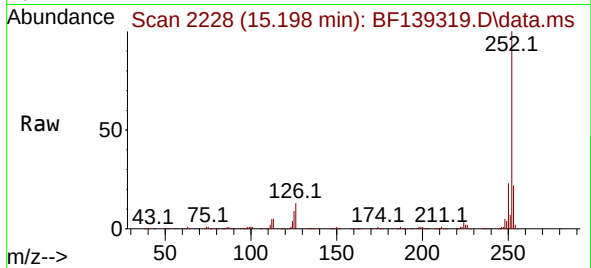
#89
Benzo(k)fluoranthene
Concen: 50.917 ng
RT: 15.198 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

PB163274BS

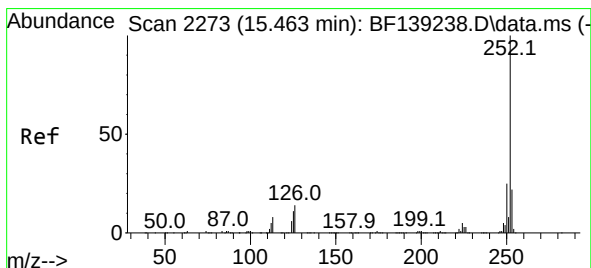
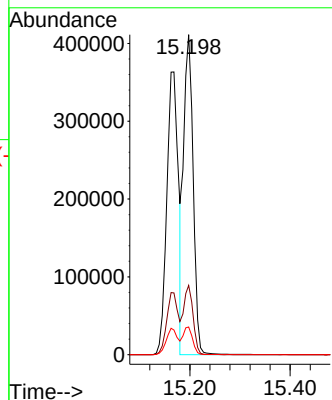
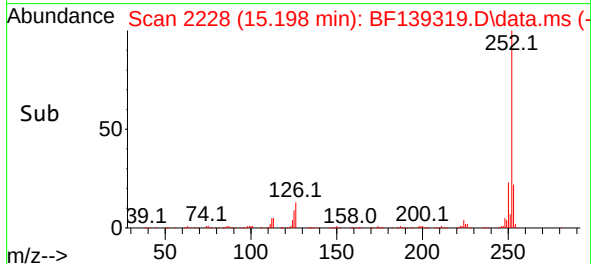


Tgt Ion:252 Resp: 546345
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.7 7.2 10.8

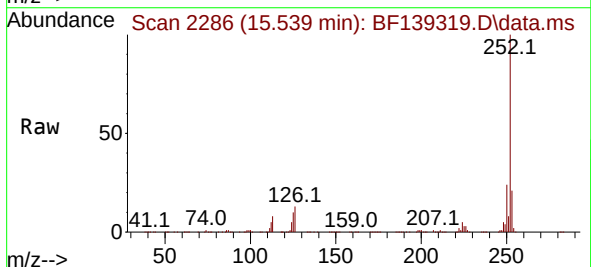
Manual Integrations

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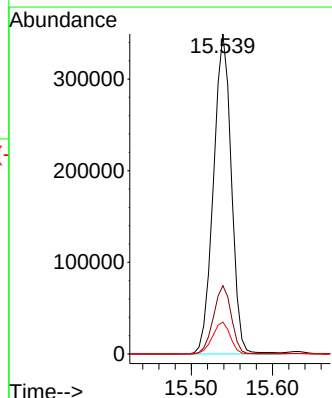
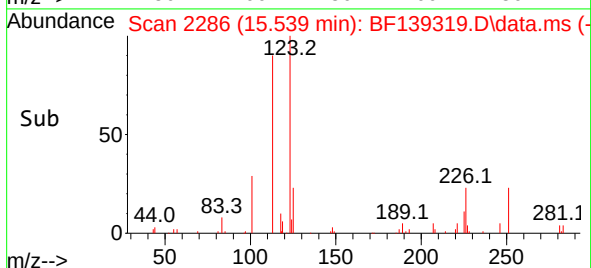
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

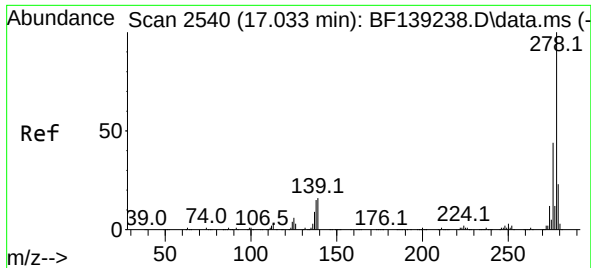


#90
Benzo(a)pyrene
Concen: 52.581 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.076 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17



Tgt Ion:252 Resp: 534315
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 48.763 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Instrument :

BNA_F

ClientSampleId :

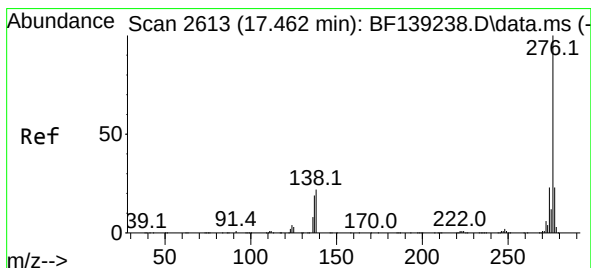
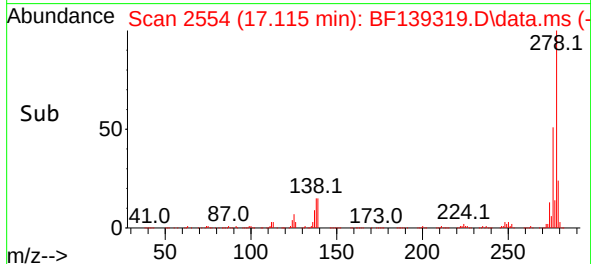
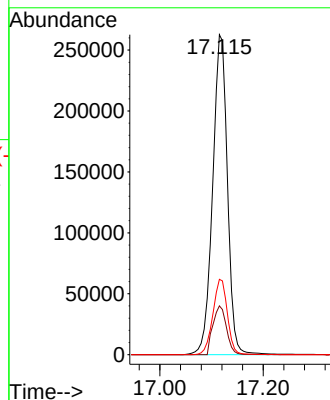
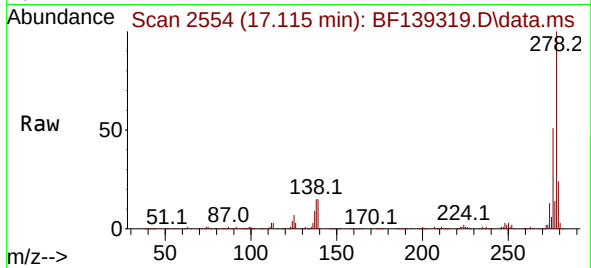
PB163274BS

Tgt Ion:278 Resp: 521679
Ion Ratio Lower Upper
278 100
139 15.3 12.6 19.0
279 23.6 18.6 28.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#92
Benzo(g,h,i)perylene
Concen: 44.371 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.082 min
Lab File: BF139319.D
Acq: 11 Sep 2024 12:17

Tgt Ion:276 Resp: 489985
Ion Ratio Lower Upper
276 100
277 24.1 18.6 27.8
138 20.4 17.4 26.0

