

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139813.D
 Acq On : 15 Oct 2024 15:39
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101524

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:44:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111286	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	411986	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	217368	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	348296	20.000	ng	0.00
76) Chrysene-d12	14.015	240	161894	20.000	ng	0.00
86) Perylene-d12	15.480	264	219472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	513534	77.861	ng	0.00
7) Phenol-d6	6.492	99	682079	77.760	ng	0.00
23) Nitrobenzene-d5	7.422	82	619110	77.347	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	145412	79.319	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1090178	75.014	ng	0.00
79) Terphenyl-d14	12.957	244	695149	81.589	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	110490	38.500	ng	99
3) Pyridine	3.351	79	278232	39.616	ng	97
4) n-Nitrosodimethylamine	3.310	42	164530	39.447	ng	100
6) Aniline	6.522	93	303690	40.182	ng	100
8) 2-Chlorophenol	6.645	128	270966	38.912	ng	98
9) Benzaldehyde	6.410	77	195045	39.588	ng	100
10) Phenol	6.504	94	359536	39.048	ng	100
11) bis(2-Chloroethyl)ether	6.592	93	267740	38.993	ng	100
12) 1,3-Dichlorobenzene	6.798	146	301741	38.324	ng	99
13) 1,4-Dichlorobenzene	6.875	146	302538	38.305	ng	100
14) 1,2-Dichlorobenzene	7.028	146	287576	39.243	ng	99
15) Benzyl Alcohol	6.998	79	245788	38.932	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	463669	38.534	ng	100
17) 2-Methylphenol	7.110	107	220444	39.132	ng	99
18) Hexachloroethane	7.363	117	111802	39.072	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	196704	38.509	ng	99
20) 3+4-Methylphenols	7.263	107	271140	38.278	ng	97
22) Acetophenone	7.269	105	366951	37.953	ng	100
24) Nitrobenzene	7.439	77	328836	39.408	ng	99
25) Isophorone	7.681	82	532254	38.964	ng	99
26) 2-Nitrophenol	7.757	139	146499	40.323	ng	98
27) 2,4-Dimethylphenol	7.792	122	171081	38.752	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	324312	38.685	ng	100
29) 2,4-Dichlorophenol	7.998	162	223724	39.075	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	252670	38.760	ng	100
31) Naphthalene	8.157	128	817161	38.486	ng	100
32) Benzoic acid	7.922	122	175564	43.071	ng	97
33) 4-Chloroaniline	8.210	127	272362	39.115	ng	100
34) Hexachlorobutadiene	8.269	225	159130	38.469	ng	100
35) Caprolactam	8.586	113	64884	40.138	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	239594	39.405	ng	99
37) 2-Methylnaphthalene	8.845	142	507384	38.115	ng	98
38) 1-Methylnaphthalene	8.945	142	502918	38.807	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	241935	38.321	ng	99
41) Hexachlorocyclopentadiene	8.998	237	52740	38.537	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	159391	39.713	ng	100

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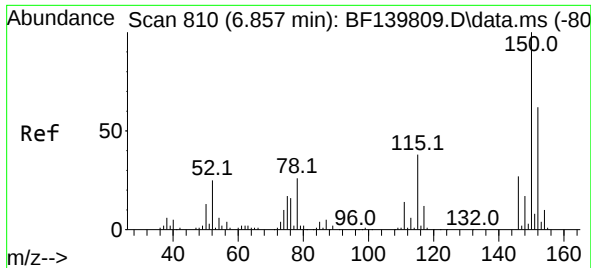
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	169444	39.399	ng	99
46) 1,1'-Biphenyl	9.316	154	632519	38.486	ng	100
47) 2-Chloronaphthalene	9.339	162	483112	38.474	ng	99
48) 2-Nitroaniline	9.433	65	162404	39.615	ng	100
49) Acenaphthylene	9.751	152	712148	38.616	ng	99
50) Dimethylphthalate	9.616	163	518080	38.938	ng	99
51) 2,6-Dinitrotoluene	9.680	165	119906	39.497	ng	99
52) Acenaphthene	9.928	154	444203m	38.023	ng	
53) 3-Nitroaniline	9.845	138	118964	39.304	ng	99
54) 2,4-Dinitrophenol	9.957	184	52276	42.373	ng	98
55) Dibenzofuran	10.098	168	677125	38.653	ng	100
56) 4-Nitrophenol	10.010	139	76186	41.811	ng	99
57) 2,4-Dinitrotoluene	10.080	165	151974	40.548	ng	99
58) Fluorene	10.439	166	518827	38.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	125769	39.326	ng	99
60) Diethylphthalate	10.310	149	497412	38.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	253730	37.663	ng	100
62) 4-Nitroaniline	10.457	138	108491	39.190	ng	99
63) Azobenzene	10.592	77	532028	39.424	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	75757	41.459	ng	98
66) n-Nitrosodiphenylamine	10.551	169	428010	38.849	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	146371	39.007	ng	99
68) Hexachlorobenzene	10.986	284	158795	37.830	ng	98
69) Atrazine	11.069	200	63885	31.061	ng	98
70) Pentachlorophenol	11.180	266	73457	40.920	ng	100
71) Phenanthrene	11.398	178	635234	38.182	ng	99
72) Anthracene	11.451	178	615794	37.668	ng	99
73) Carbazole	11.610	167	535371	37.015	ng	100
74) Di-n-butylphthalate	11.933	149	597954	38.047	ng	99
75) Fluoranthene	12.586	202	558441	35.576	ng	100
77) Benzidine	12.710	184	126179	46.657	ng	98
78) Pyrene	12.816	202	545293	34.263	ng	99
80) Butylbenzylphthalate	13.427	149	164903	38.220	ng	97
81) Benzo(a)anthracene	14.004	228	413770	38.478	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	149262	41.659	ng	98
83) Chrysene	14.039	228	384428	39.222	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	220397	39.601	ng	99
85) Di-n-octyl phthalate	14.598	149	433226	41.841	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	565785	38.498	ng	100
88) Benzo(b)fluoranthene	15.051	252	506650	40.246	ng	99
89) Benzo(k)fluoranthene	15.080	252	410266	36.722	ng	99
90) Benzo(a)pyrene	15.421	252	427716	38.898	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	463538	38.461	ng	100
92) Benzo(g,h,i)perylene	17.398	276	478827	37.880	ng	98

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

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[illegible]



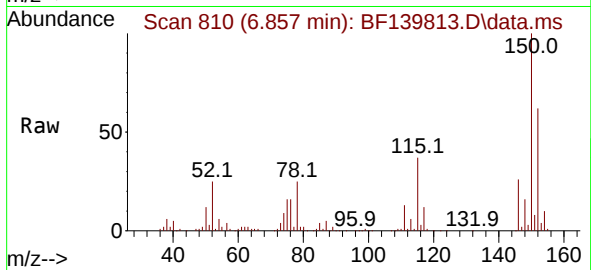
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

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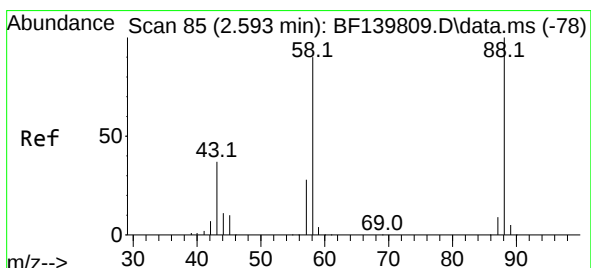
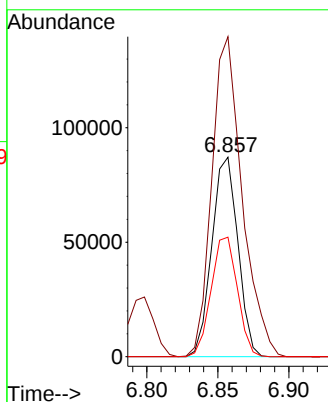
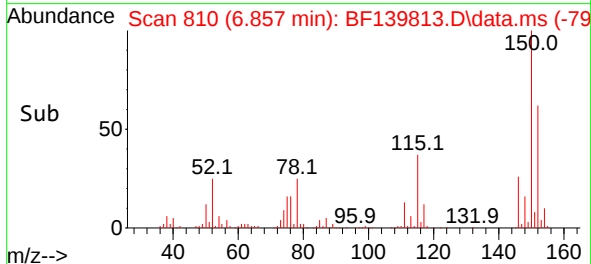
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Ion Ratio Lower Upper
152 100
150 160.4 128.2 192.2
115 59.9 48.1 72.1

Manual Integrations

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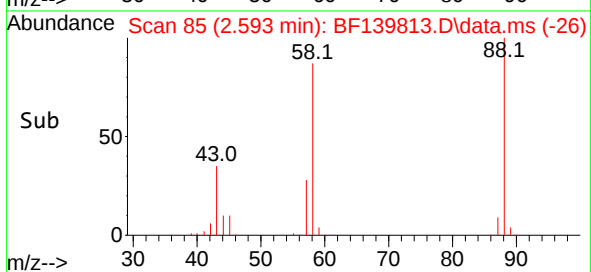
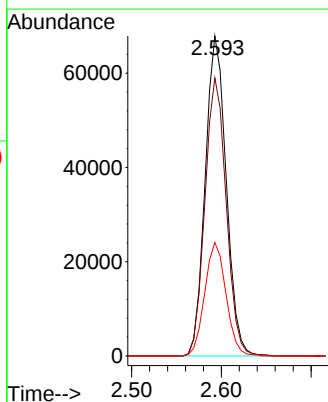
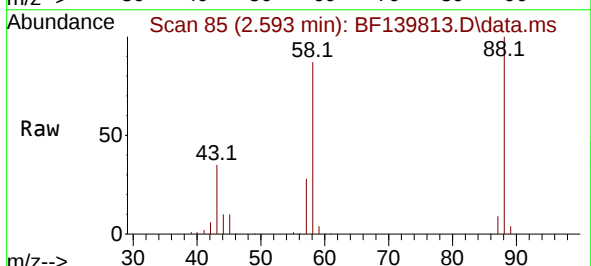
Reviewed By :Yogesh Patel 10/16/2024

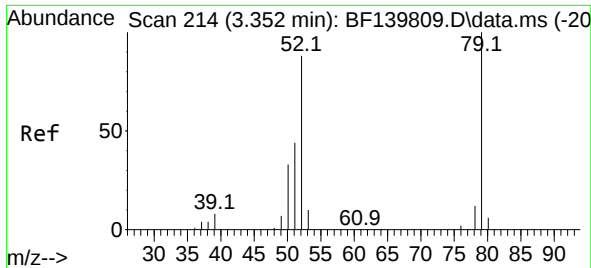
Supervised By :mohammad ahmed 10/16/2024



#2
1,4-Dioxane
Concen: 38.500 ng
RT: 2.593 min Scan# 85
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion: 88 Resp: 110490
Ion Ratio Lower Upper
88 100
58 87.9 71.3 106.9
43 35.9 28.9 43.3





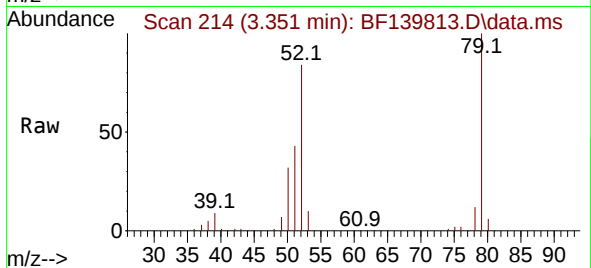
#3
Pyridine
Concen: 39.616 ng
RT: 3.351 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

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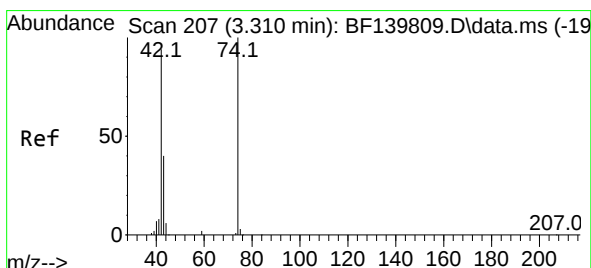
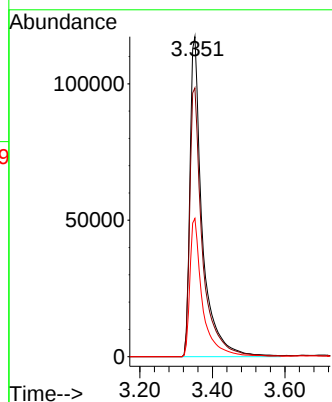
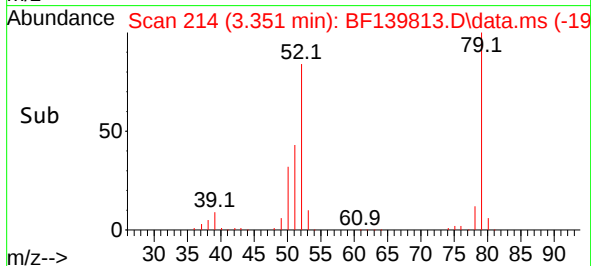


Tgt Ion: 79 Resp: 27823
Ion Ratio Lower Upper
79 100
52 84.0 70.0 105.0
51 43.2 35.2 52.8

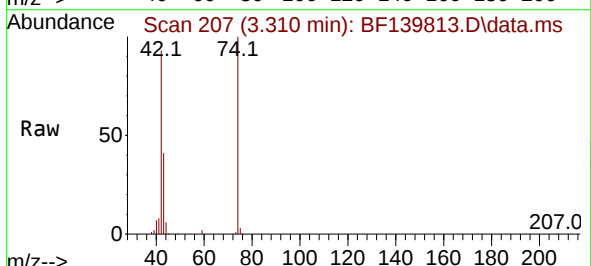
Manual Integrations

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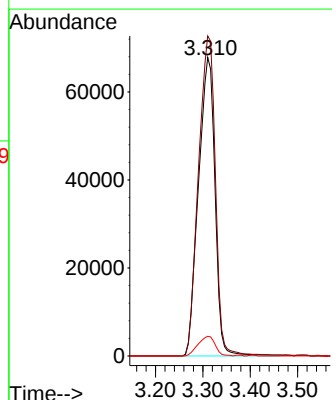
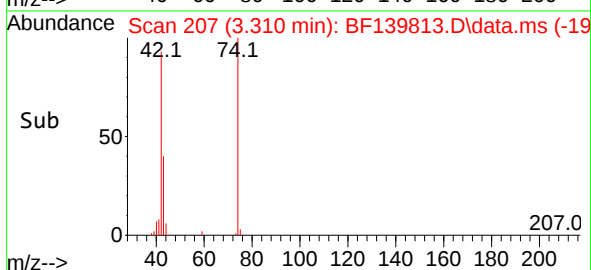
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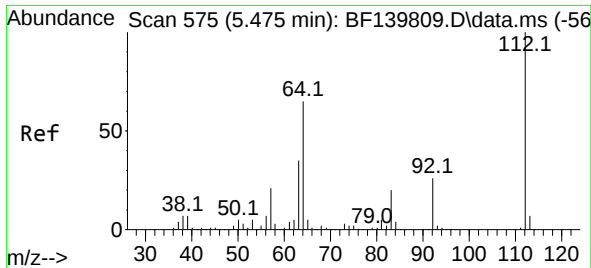


#4
n-Nitrosodimethylamine
Concen: 39.447 ng
RT: 3.310 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion: 42 Resp: 164530
Ion Ratio Lower Upper
42 100
74 107.2 85.5 128.3
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 77.861 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

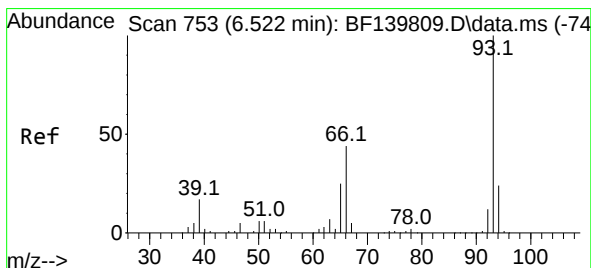
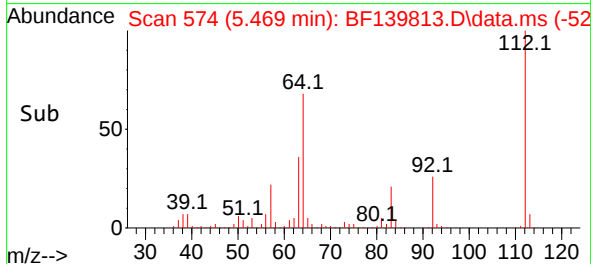
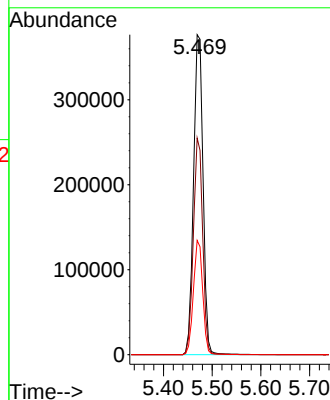
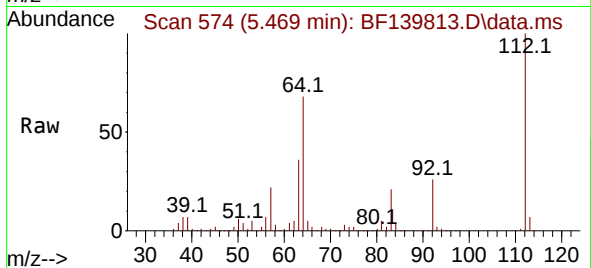
Tgt Ion:112 Resp: 513534
Ion Ratio Lower Upper
112 100
64 67.7 52.1 78.1
63 35.7 27.6 41.4

Manual Integrations

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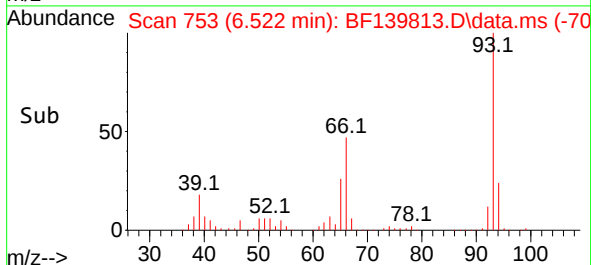
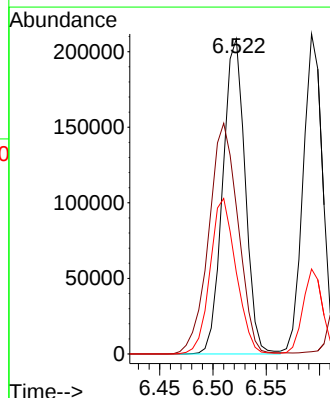
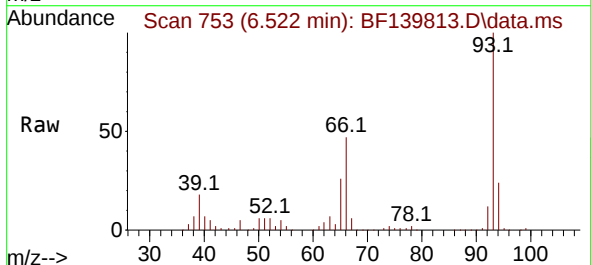
Reviewed By :Yogesh Patel 10/16/2024

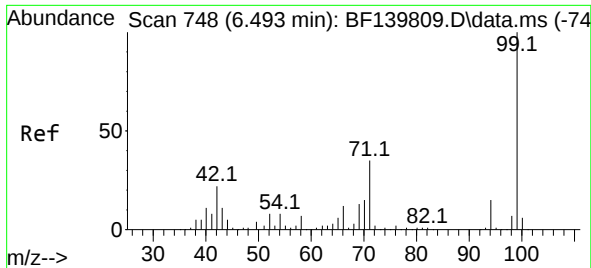
Supervised By :mohammad ahmed 10/16/2024



#6
Aniline
Concen: 40.182 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

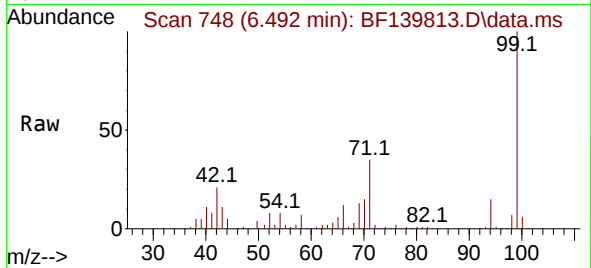
Tgt Ion: 93 Resp: 303690
Ion Ratio Lower Upper
93 100
66 46.6 37.3 55.9
65 25.8 20.9 31.3





#7
Phenol-d6
Concen: 77.760 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

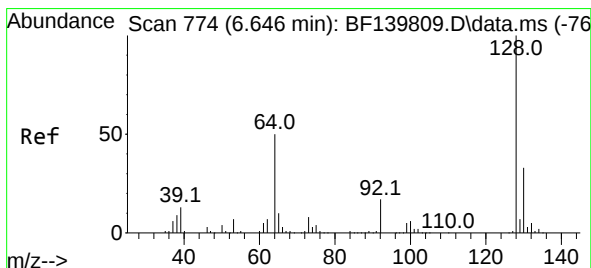
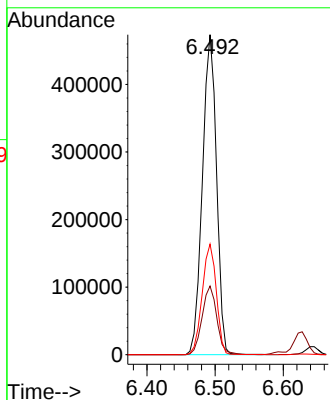
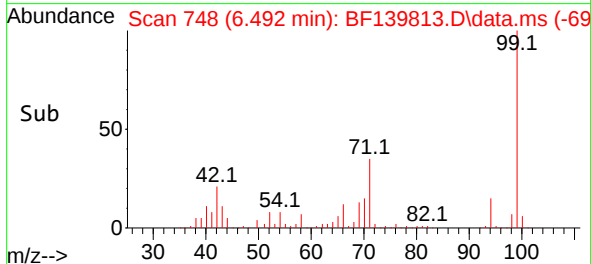
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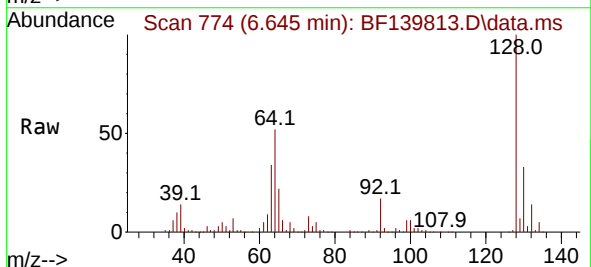
Tgt Ion: 99 Resp: 682079
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 34.5 27.8 41.6

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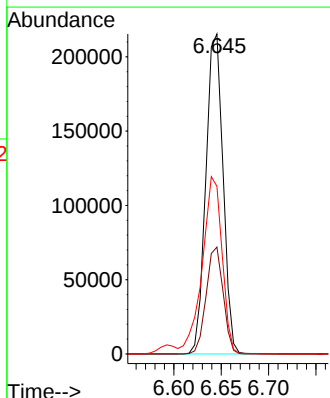
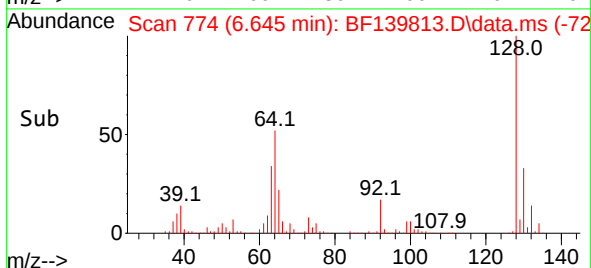
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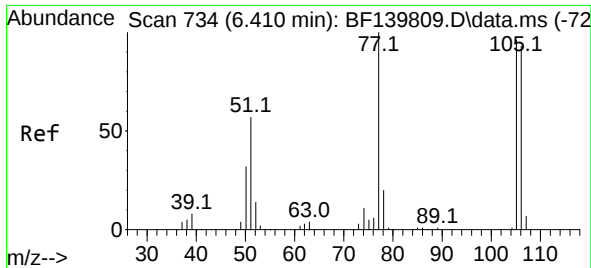


#8
2-Chlorophenol
Concen: 38.912 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:128 Resp: 270966
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 52.4 31.2 71.2





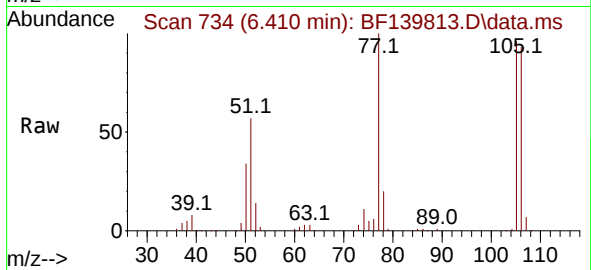
#9
Benzaldehyde
Concen: 39.588 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

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ICVBF101524

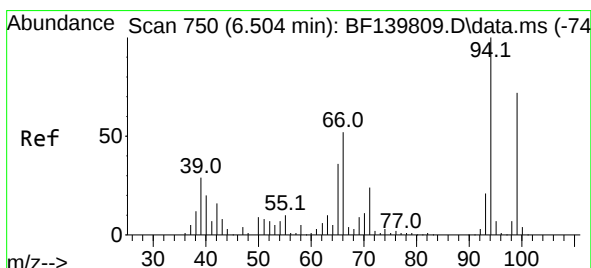
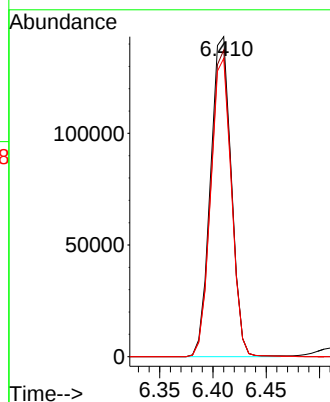
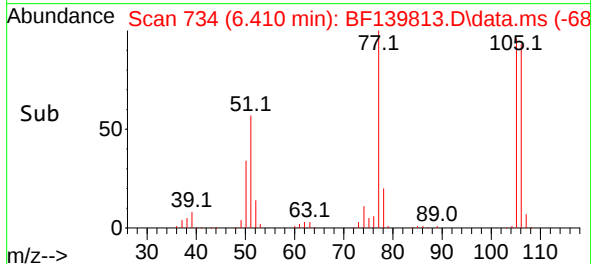


Tgt Ion: 77 Resp: 195045
Ion Ratio Lower Upper
77 100
105 95.8 75.9 115.9
106 93.2 73.4 113.4

Manual Integrations

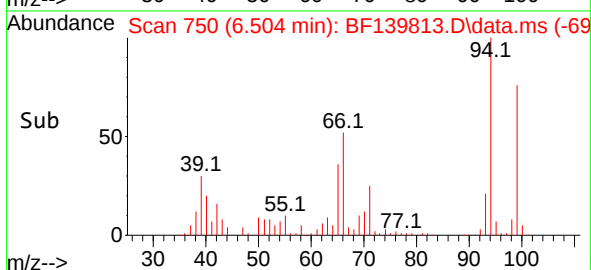
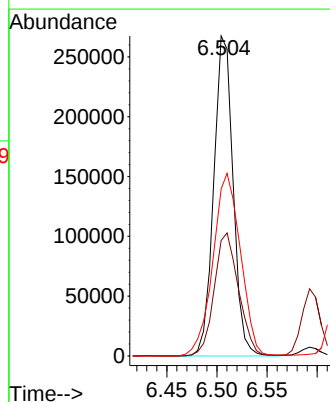
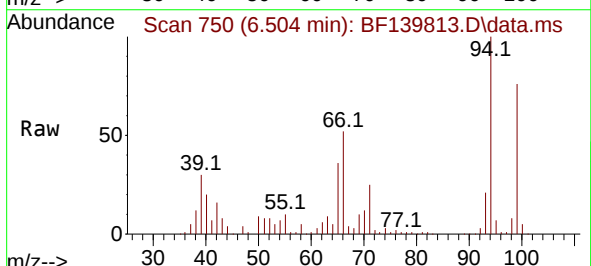
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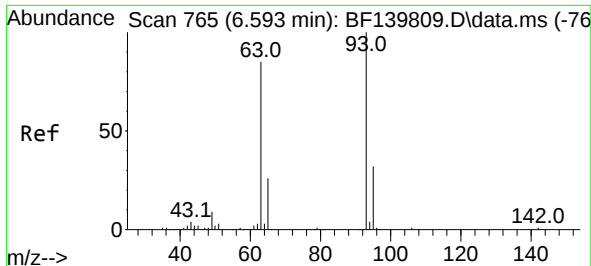
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#10
Phenol
Concen: 39.048 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion: 94 Resp: 359536
Ion Ratio Lower Upper
94 100
65 36.1 15.7 55.7
66 52.2 32.2 72.2





#11
bis(2-Chloroethyl)ether
Concen: 38.993 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

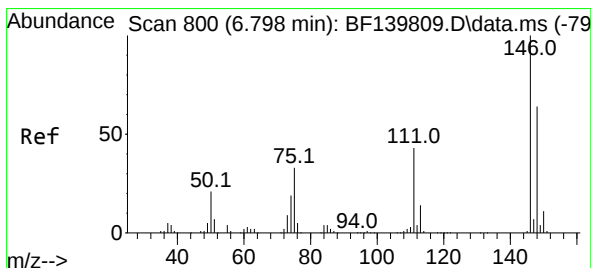
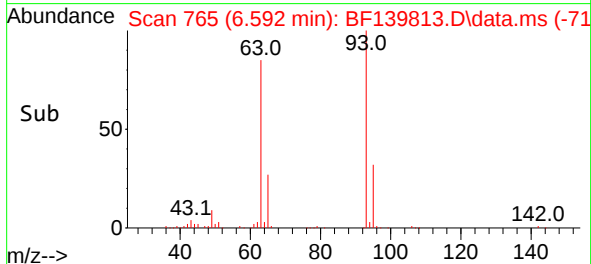
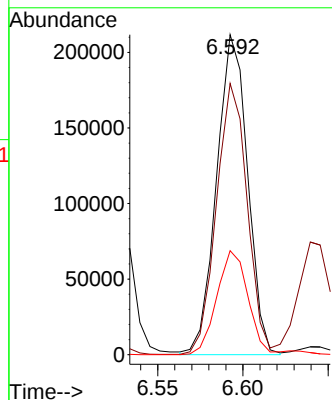
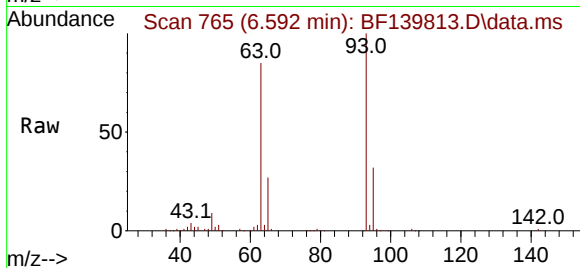
ClientSampleId :

ICVBF101524

Tgt Ion: 93 Resp: 267740
Ion Ratio Lower Upper
93 100
63 84.8 64.7 104.7
95 32.5 11.9 51.9

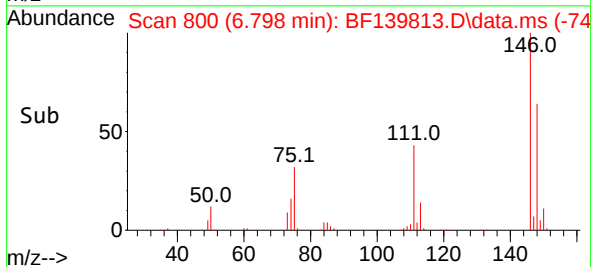
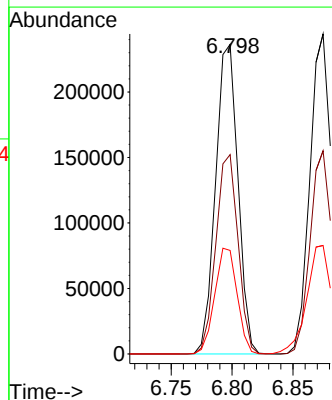
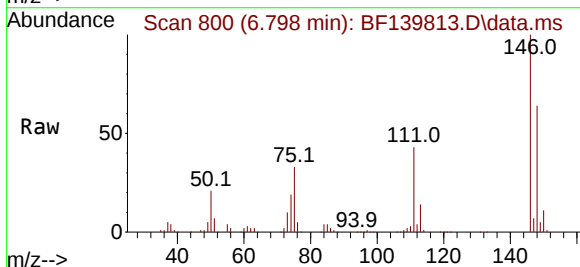
Manual Integrations
APPROVED

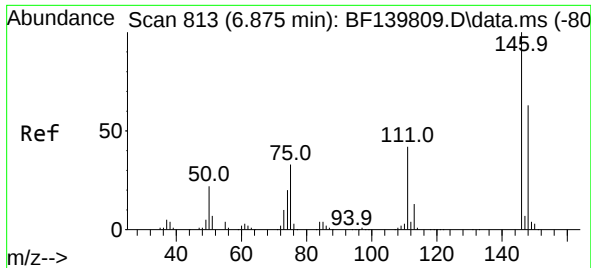
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#12
1,3-Dichlorobenzene
Concen: 38.324 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:146 Resp: 301741
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 33.5 26.3 39.5





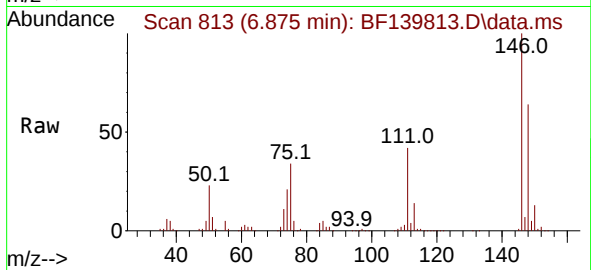
#13
1,4-Dichlorobenzene
Concen: 38.305 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

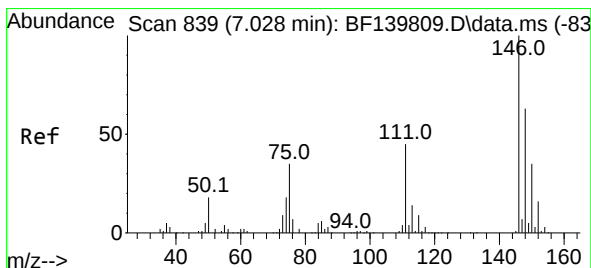
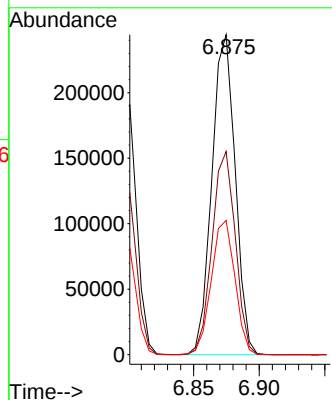
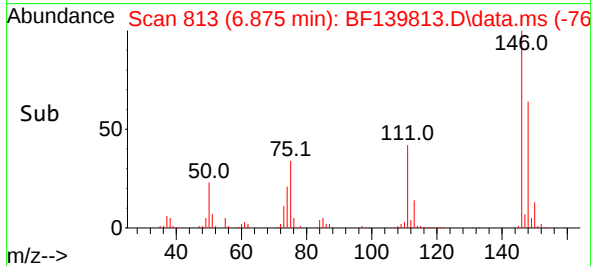


Tgt Ion:146 Resp: 302538
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
111 41.9 33.8 50.8

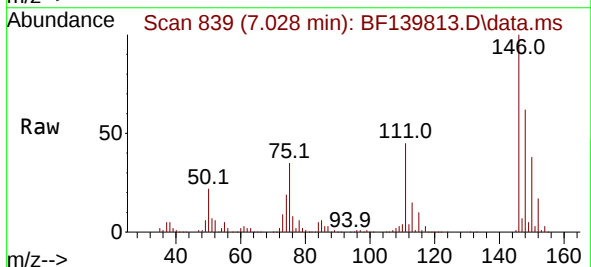
Manual Integrations

APPROVED

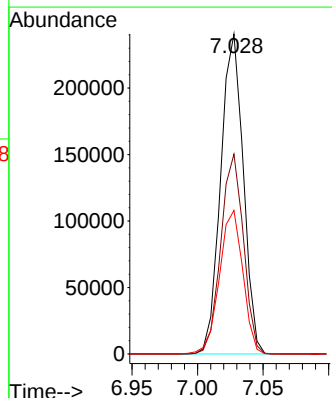
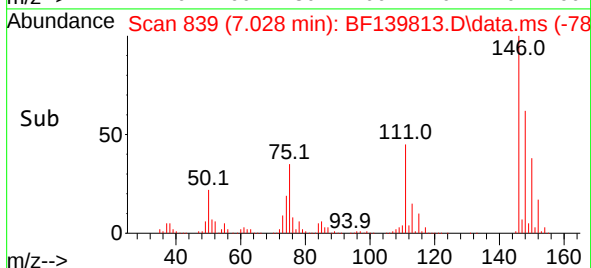
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

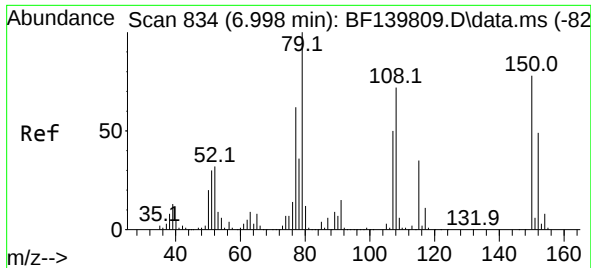


#14
1,2-Dichlorobenzene
Concen: 39.243 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:146 Resp: 287576
Ion Ratio Lower Upper
146 100
148 62.4 50.4 75.6
111 44.8 36.0 54.0





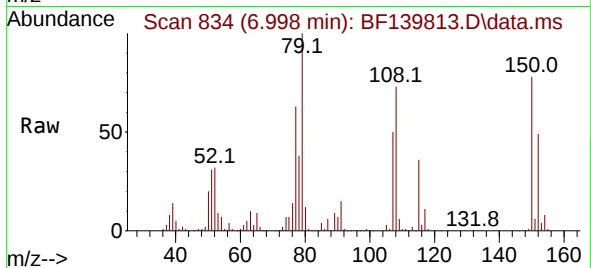
#15
Benzyl Alcohol
Concen: 38.932 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

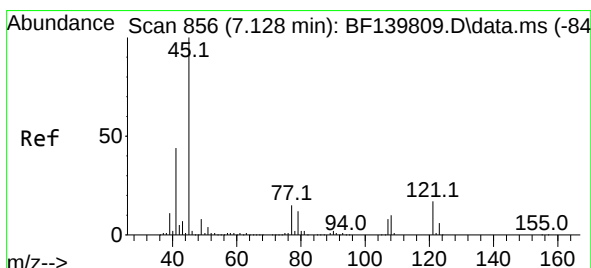
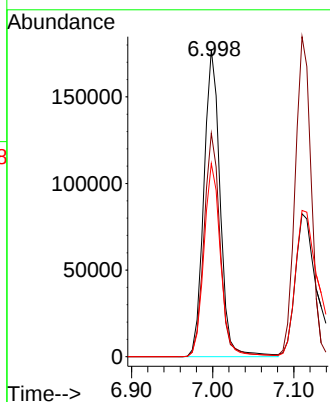
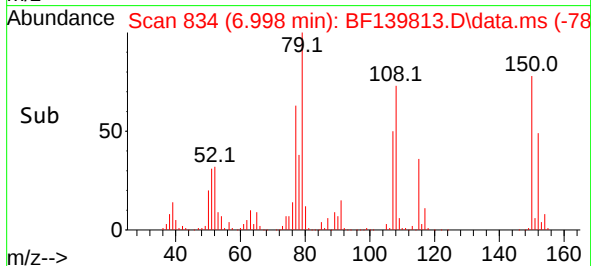


Tgt Ion: 79 Resp: 245788
Ion Ratio Lower Upper
79 100
108 72.7 57.3 85.9
77 62.8 49.8 74.6

Manual Integrations

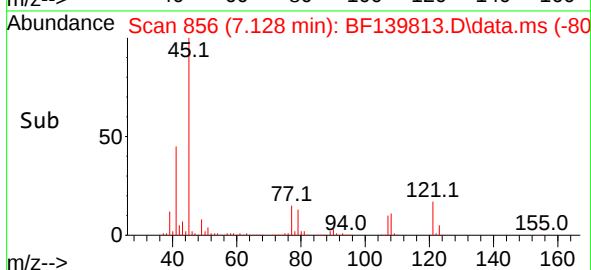
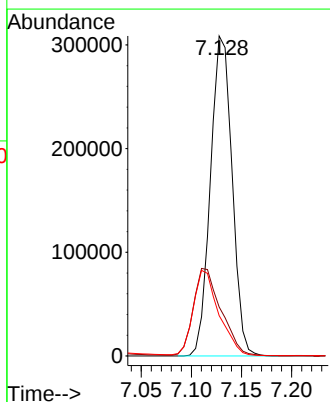
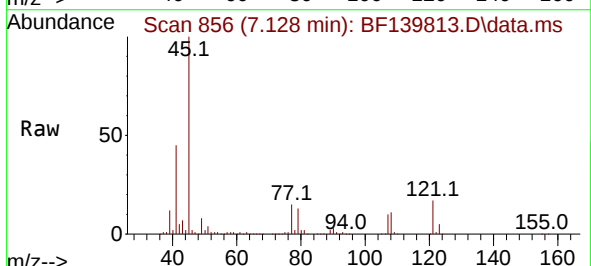
APPROVED

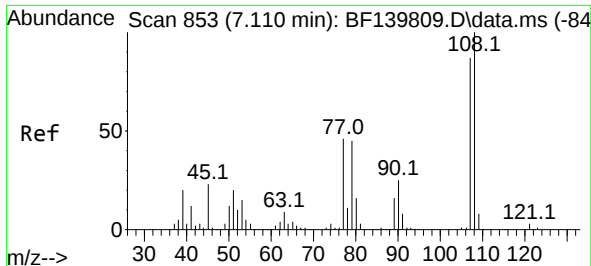
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.534 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion: 45 Resp: 463669
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.4
79 12.6 0.0 32.4





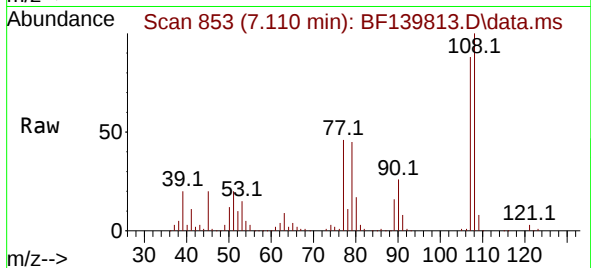
#17
2-Methylphenol
Concen: 39.132 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

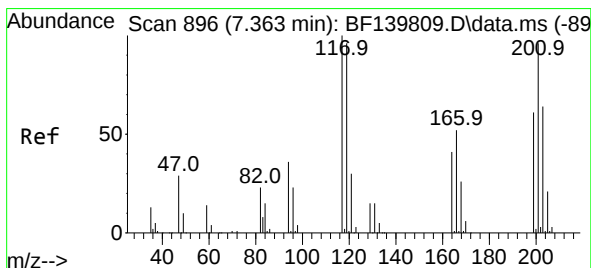
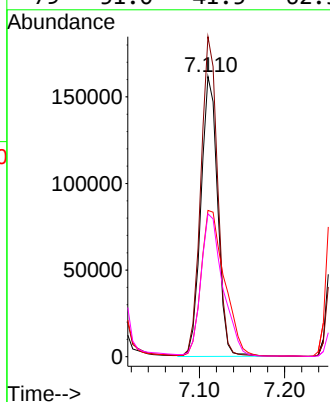
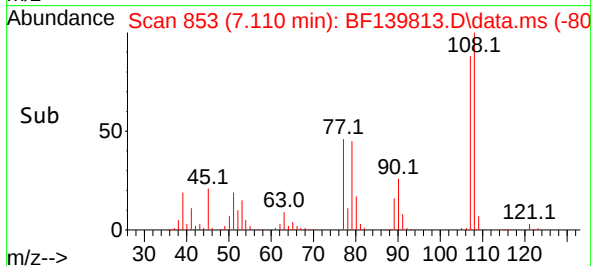


Tgt Ion:107 Resp: 220444
Ion Ratio Lower Upper
107 100
108 114.2 92.2 138.4
77 52.2 42.2 63.2
79 51.0 41.5 62.3

Manual Integrations

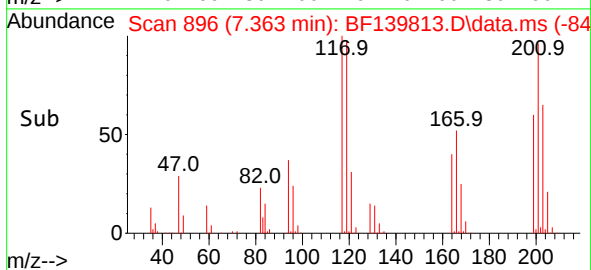
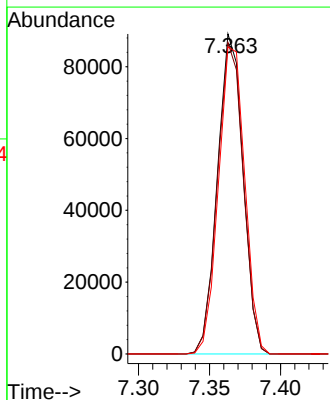
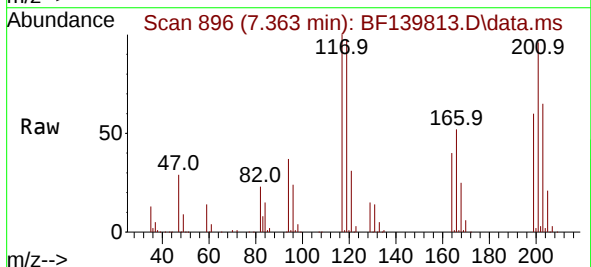
APPROVED

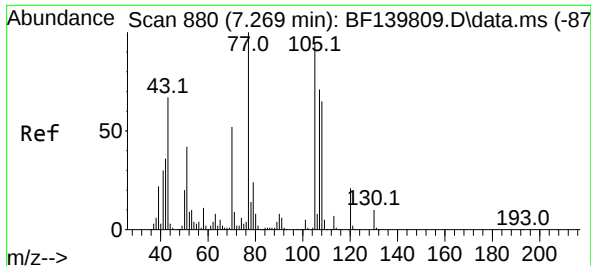
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#18
Hexachloroethane
Concen: 39.072 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:117 Resp: 111802
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.4
201 96.0 76.9 115.3





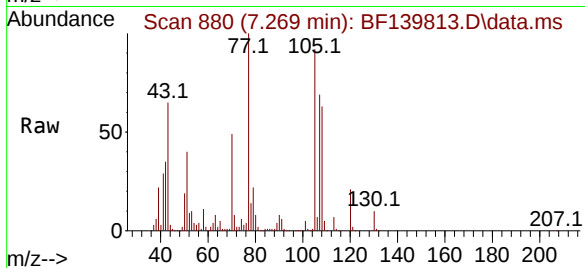
#19
n-Nitroso-di-n-propylamine
Concen: 38.509 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



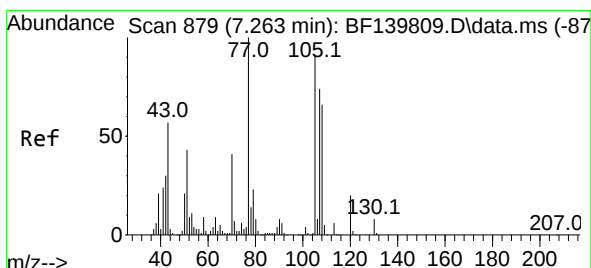
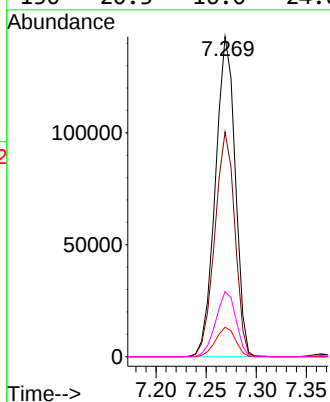
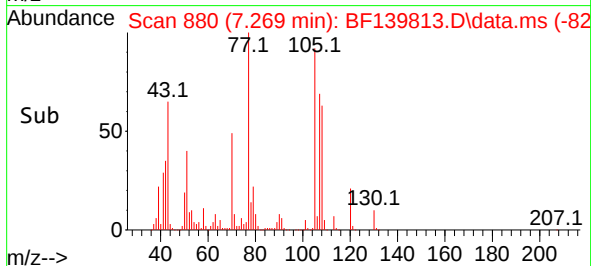
Tgt Ion: 70 Resp: 196704
Ion Ratio Lower Upper
70 100
42 70.2 55.8 83.6
101 9.2 7.4 11.0
130 20.3 16.0 24.0

Manual Integrations

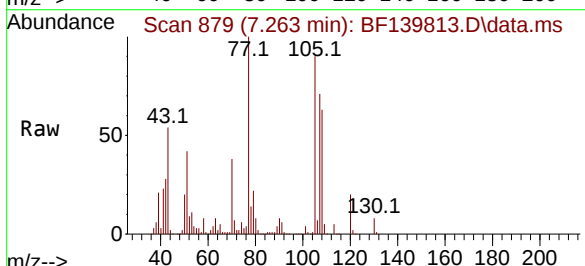
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

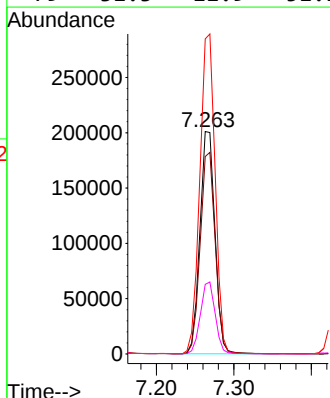
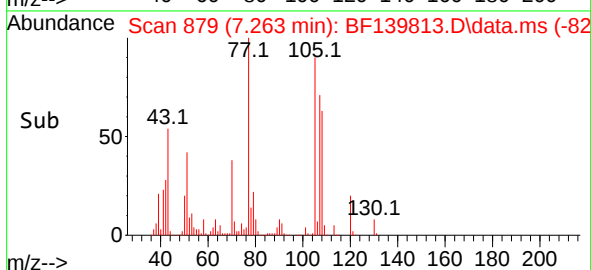
Supervised By :mohammad ahmed 10/16/2024

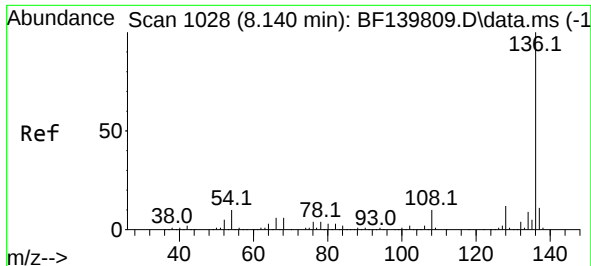


#20
3+4-Methylphenols
Concen: 38.278 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:107 Resp: 271140
Ion Ratio Lower Upper
107 100
108 88.8 69.9 109.9
77 141.6 115.6 155.6
79 31.3 11.9 51.9





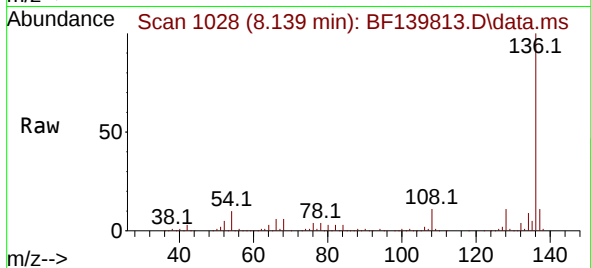
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

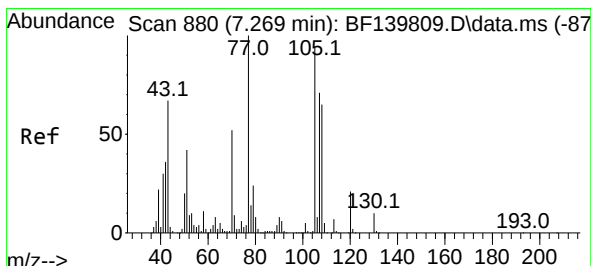
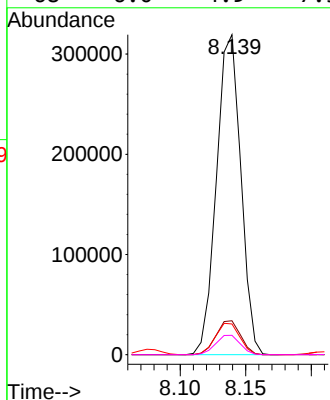
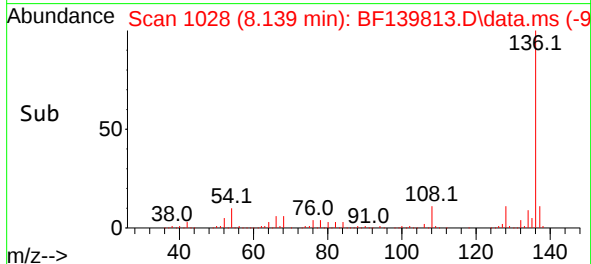


Tgt Ion:136 Resp: 411980
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.6 7.7 11.5
68 6.0 4.9 7.3

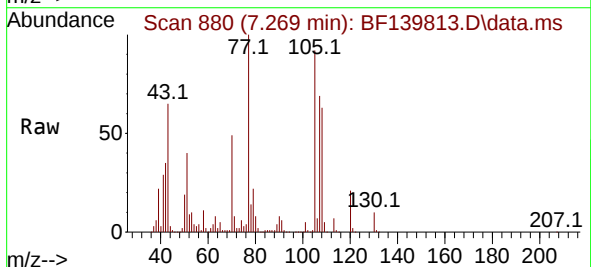
Manual Integrations

APPROVED

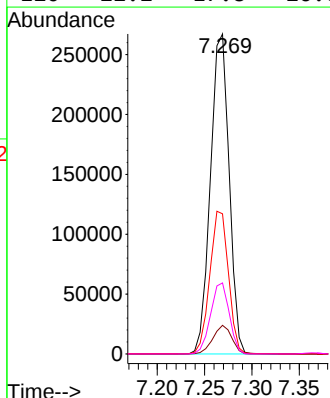
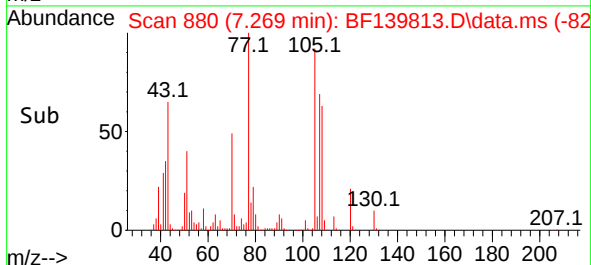
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

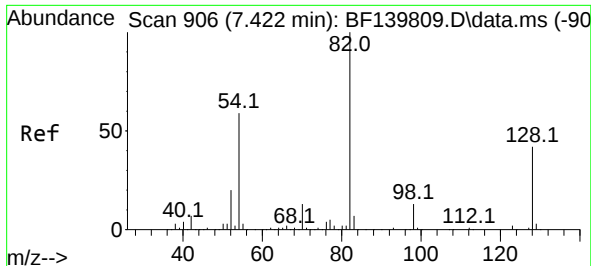


#22
Acetophenone
Concen: 37.953 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:105 Resp: 366951
Ion Ratio Lower Upper
105 100
71 9.0 7.3 10.9
51 43.8 35.4 53.2
120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 77.347 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion: 82 Resp: 619110

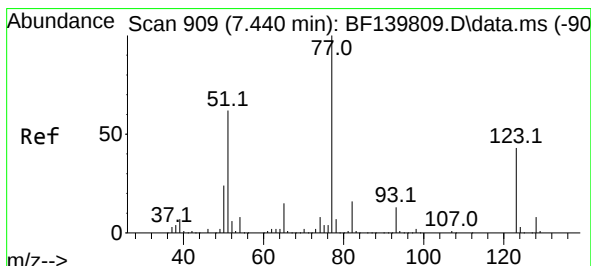
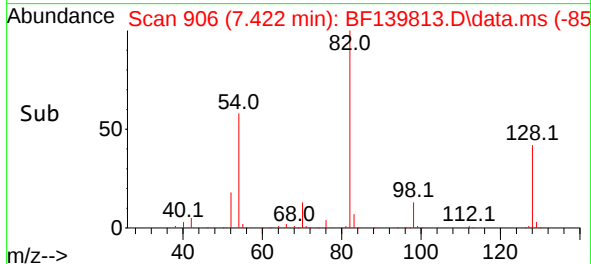
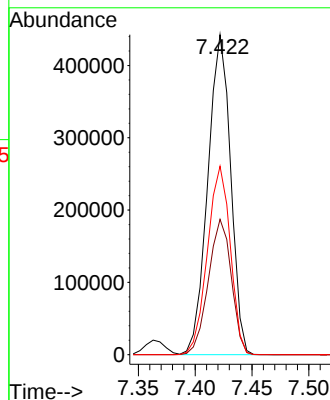
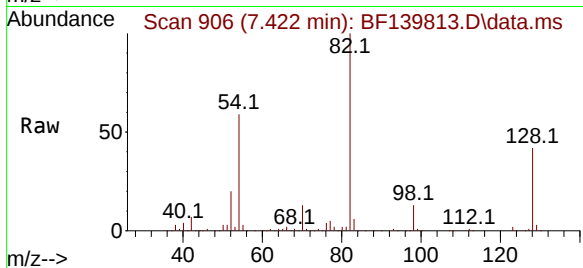
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.9	50.9
54	58.9	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#24

Nitrobenzene

Concen: 39.408 ng

RT: 7.439 min Scan# 909

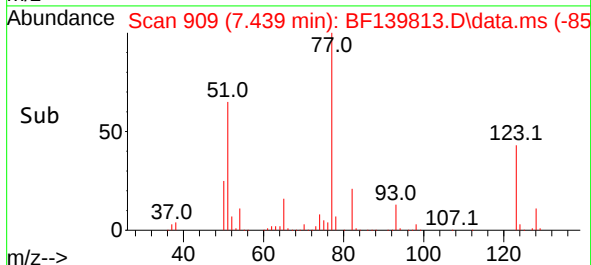
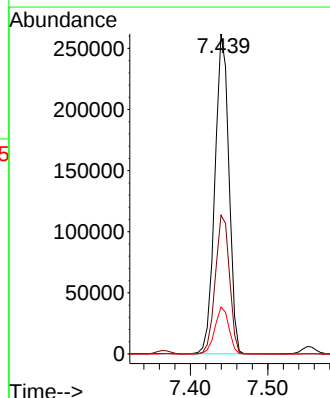
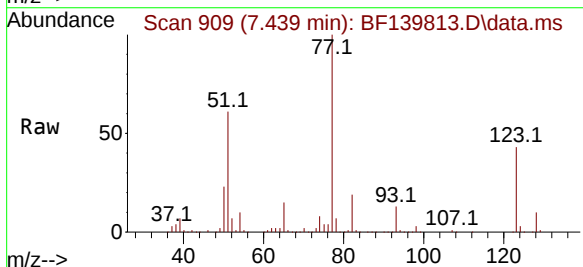
Delta R.T. -0.000 min

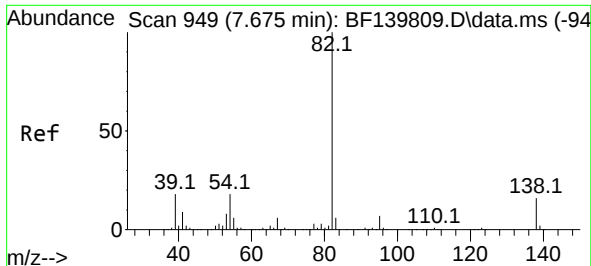
Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion: 77 Resp: 328836

Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.5	51.7
65	14.6	12.2	18.2





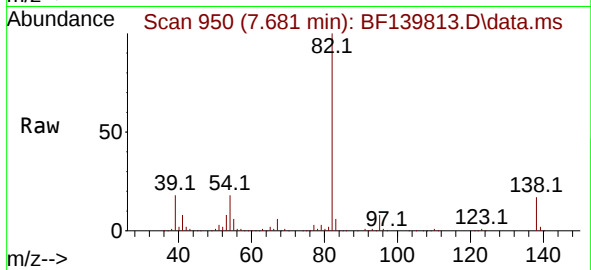
#25
Isophorone
Concen: 38.964 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



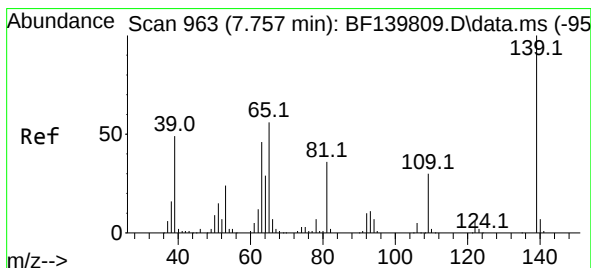
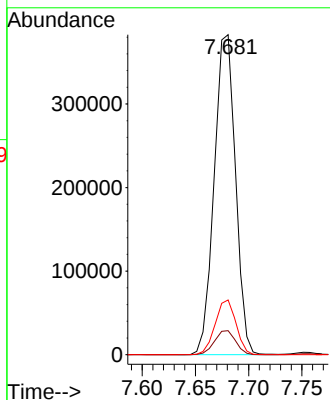
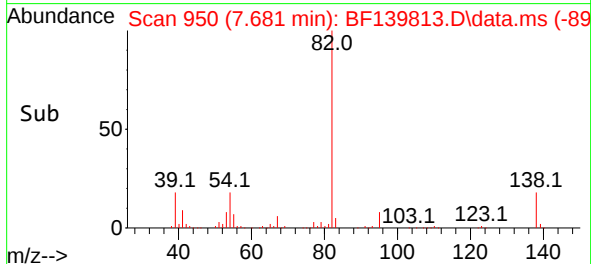
Tgt Ion: 82 Resp: 532254
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 17.1 13.2 19.8

Manual Integrations

APPROVED

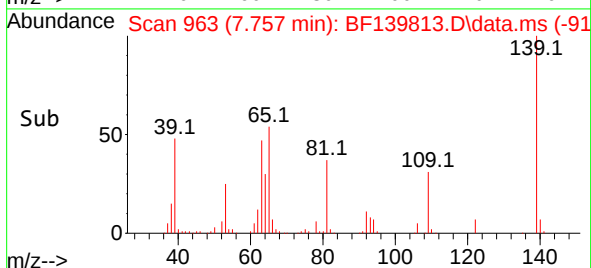
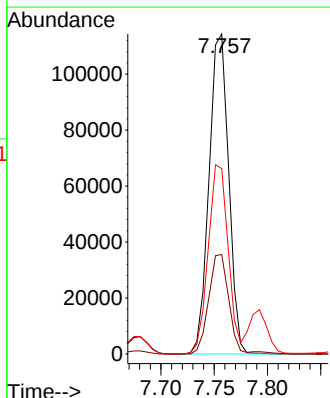
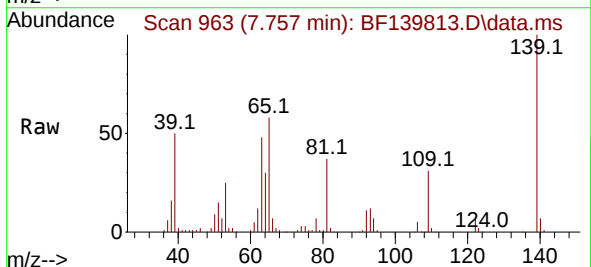
Reviewed By :Yogesh Patel 10/16/2024

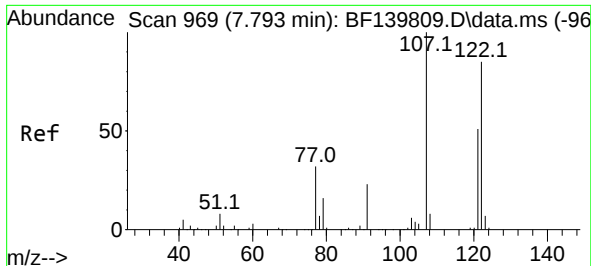
Supervised By :mohammad ahmed 10/16/2024



#26
2-Nitrophenol
Concen: 40.323 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:139 Resp: 146499
Ion Ratio Lower Upper
139 100
109 31.1 24.2 36.2
65 58.0 44.9 67.3





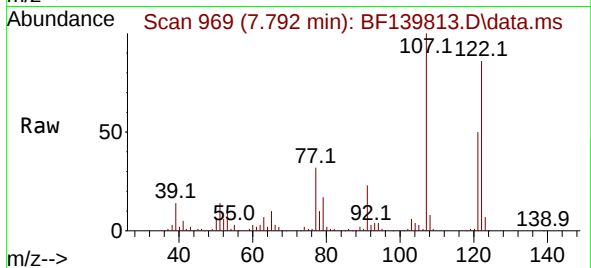
#27
2,4-Dimethylphenol
Concen: 38.752 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

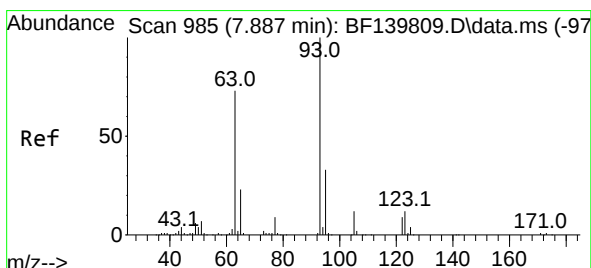
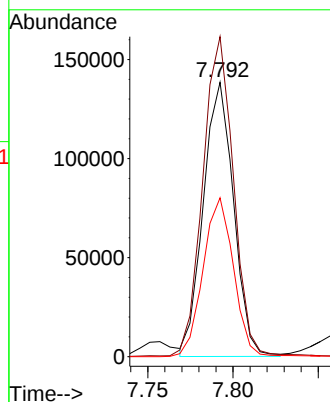
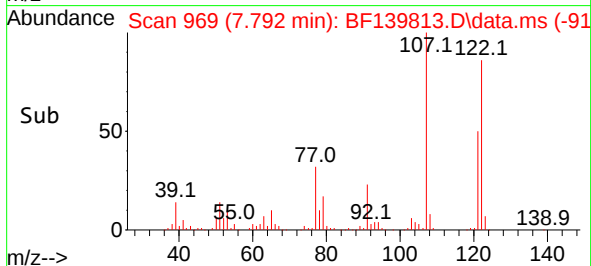
ICVBF101524



Tgt Ion:122 Resp: 17108
Ion Ratio Lower Upper
122 100
107 116.6 91.6 137.4
121 57.9 46.4 69.6

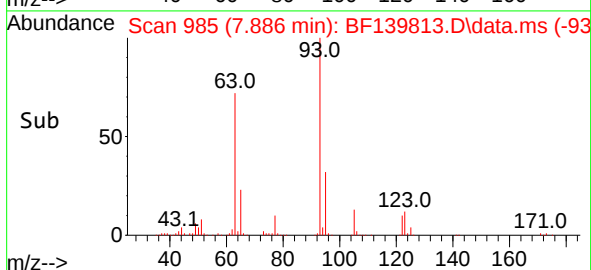
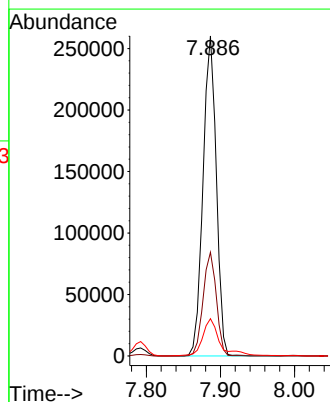
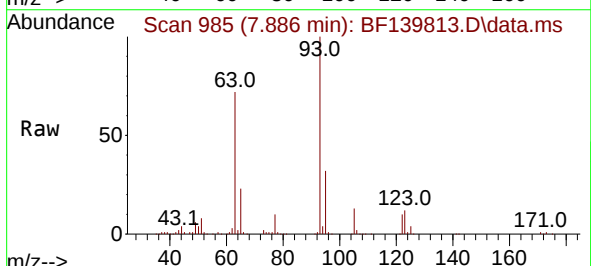
Manual Integrations
APPROVED

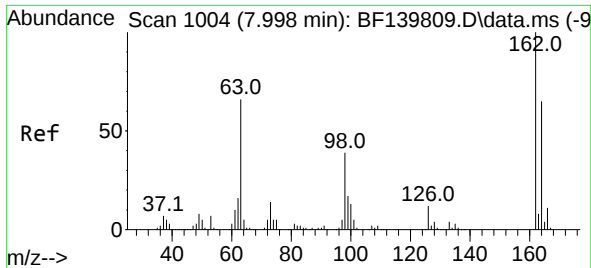
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.685 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion: 93 Resp: 324312
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.075 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

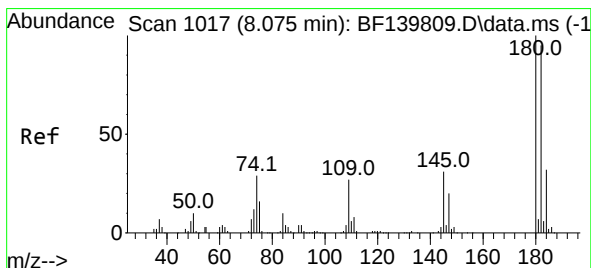
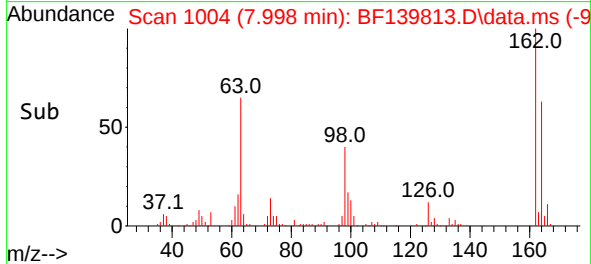
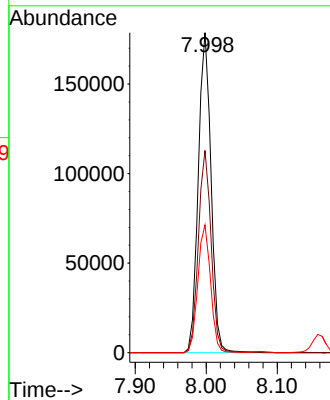
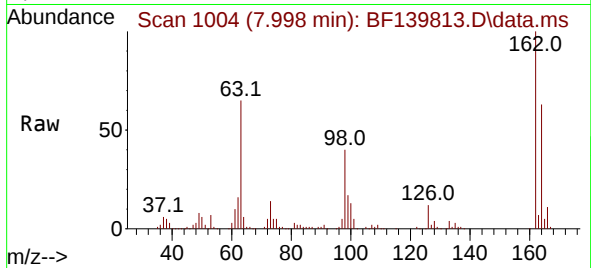
Tgt Ion:162 Resp: 223724
 Ion Ratio Lower Upper
 162 100
 164 63.2 45.0 85.0
 98 39.9 19.2 59.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.760 ng

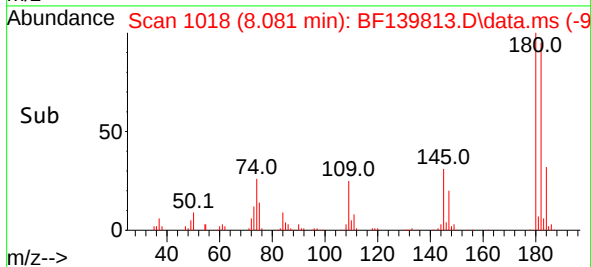
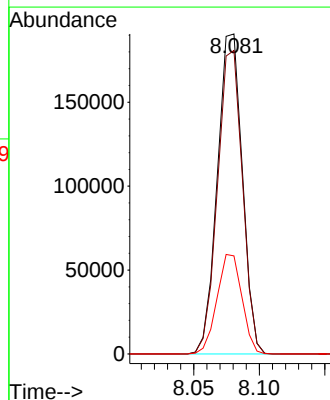
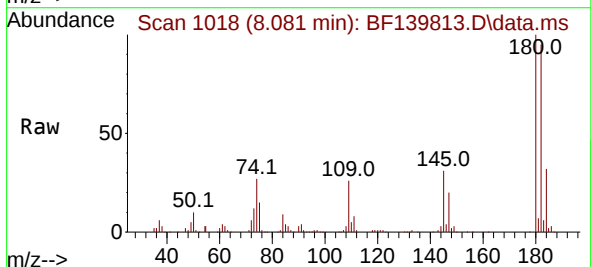
RT: 8.081 min Scan# 1018

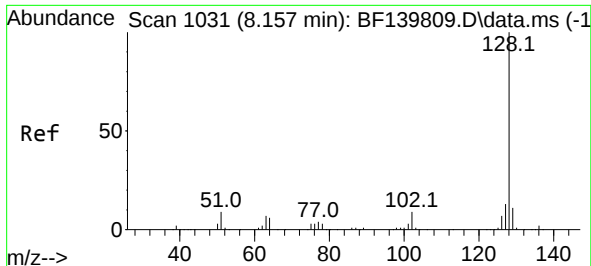
Delta R.T. 0.006 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:180 Resp: 252670
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 30.7 25.1 37.7





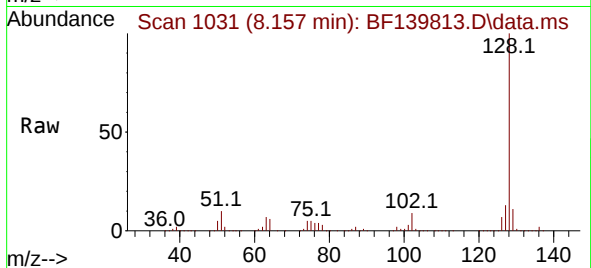
#31
Naphthalene
Concen: 38.486 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



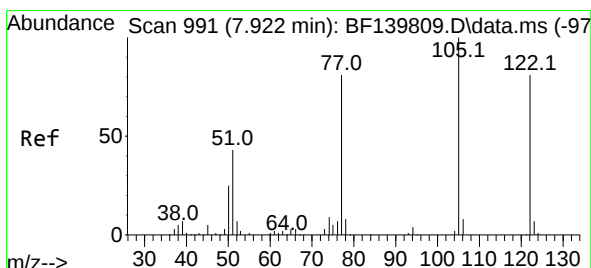
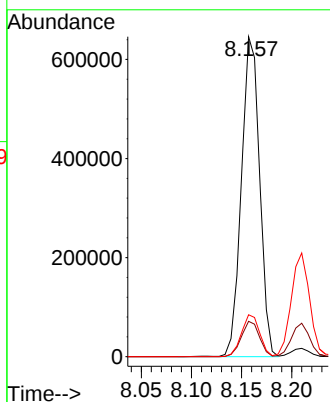
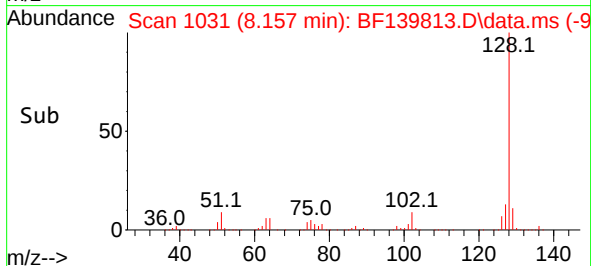
Tgt Ion:128 Resp: 81716
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.5 15.7

Manual Integrations

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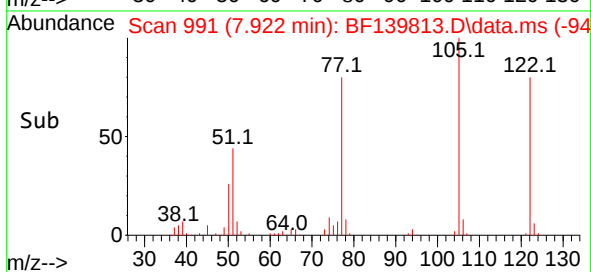
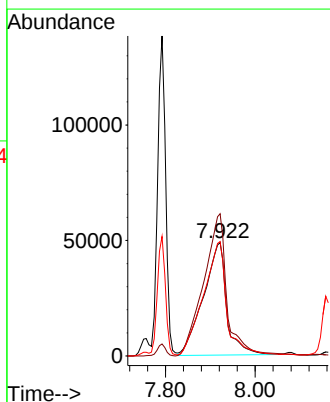
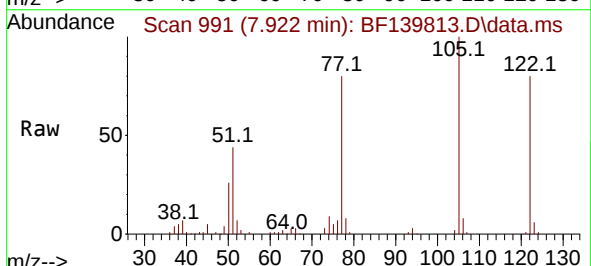
Reviewed By :Yogesh Patel 10/16/2024

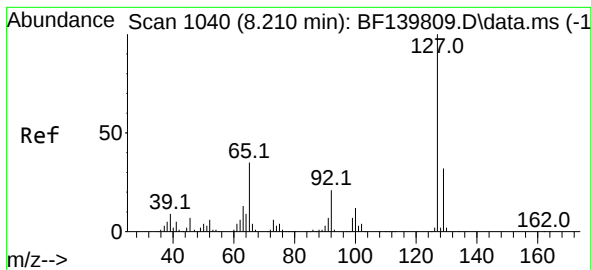
Supervised By :mohammad ahmed 10/16/2024



#32
Benzoic acid
Concen: 43.071 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:122 Resp: 175564
Ion Ratio Lower Upper
122 100
105 125.3 101.2 141.2
77 100.8 78.7 118.7





#33

4-Chloroaniline

Concen: 39.115 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:127 Resp: 27236

Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 34.8 27.8 41.6

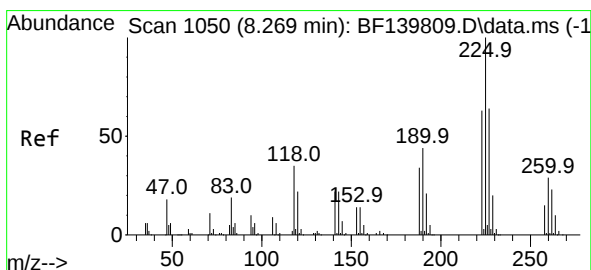
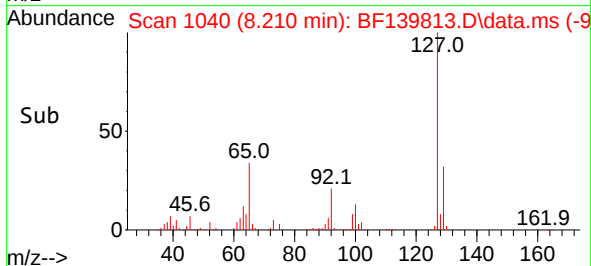
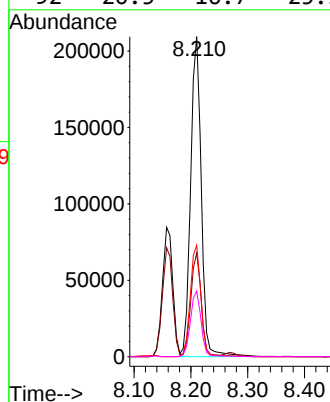
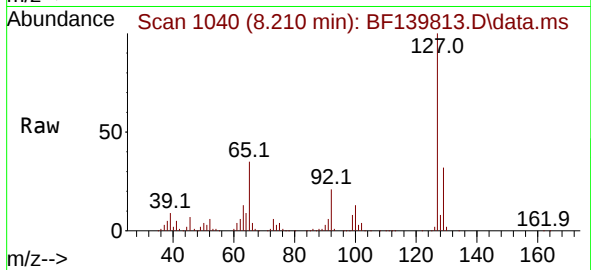
92 20.5 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#34

Hexachlorobutadiene

Concen: 38.469 ng

RT: 8.269 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

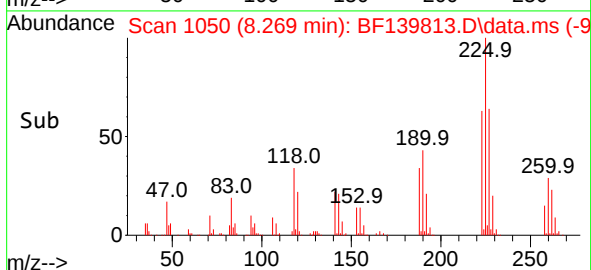
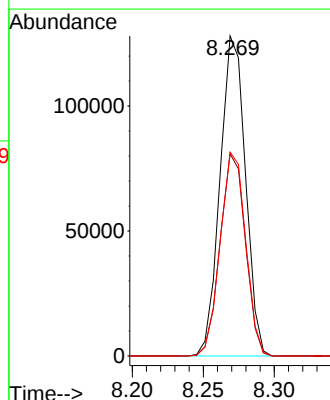
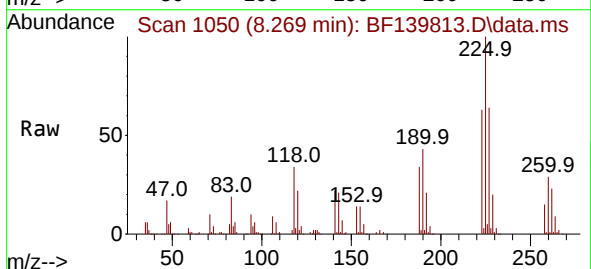
Tgt Ion:225 Resp: 159130

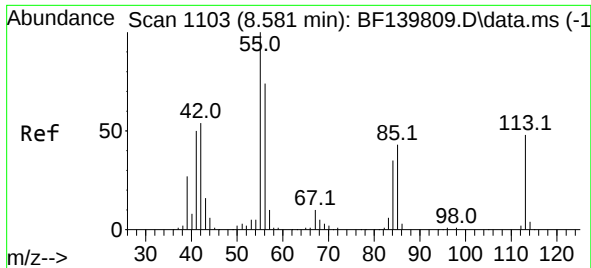
Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

227 63.7 50.9 76.3





#35
Caprolactam
Concen: 40.138 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

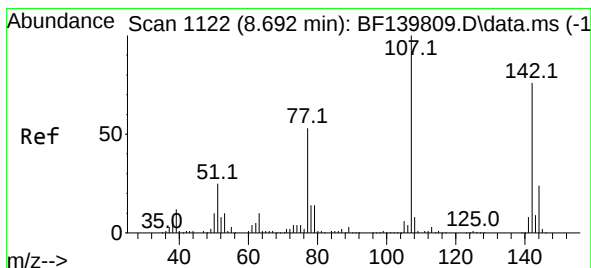
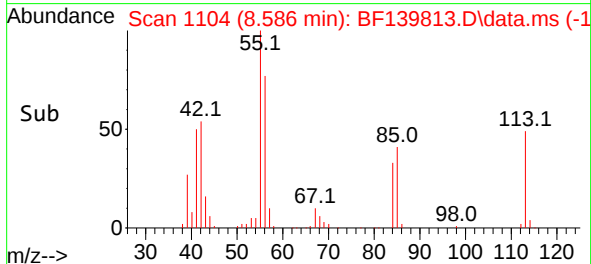
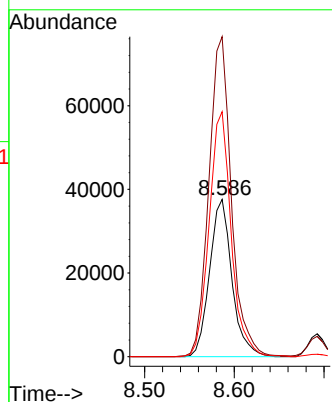
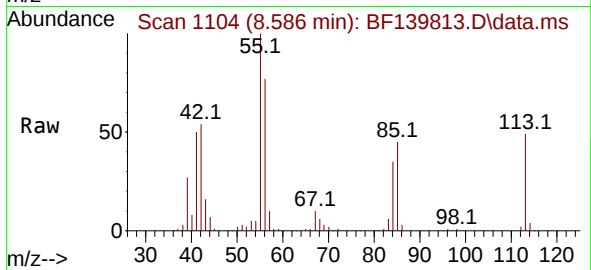
ICVBF101524

Tgt Ion:113 Resp: 64884
Ion Ratio Lower Upper
113 100
55 203.5 187.1 227.1
56 155.8 134.0 174.0

Manual Integrations

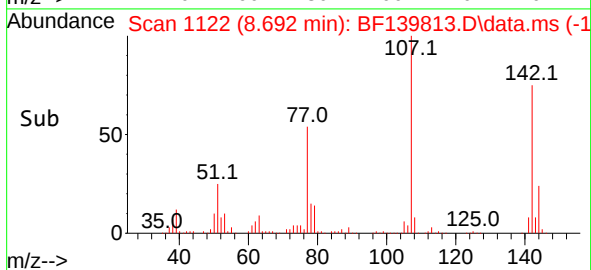
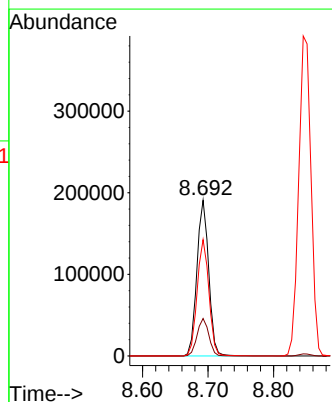
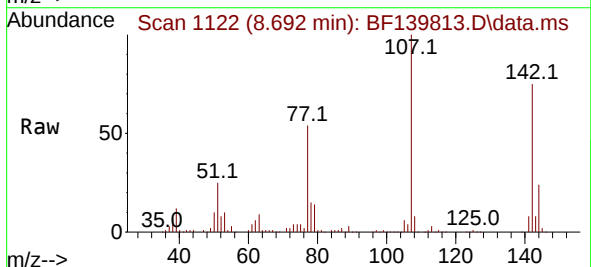
APPROVED

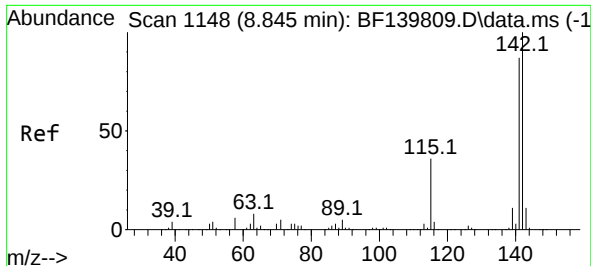
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#36
4-Chloro-3-methylphenol
Concen: 39.405 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:107 Resp: 239594
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 74.7 60.6 91.0





#37
2-Methylnaphthalene
Concen: 38.115 ng
RT: 8.845 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

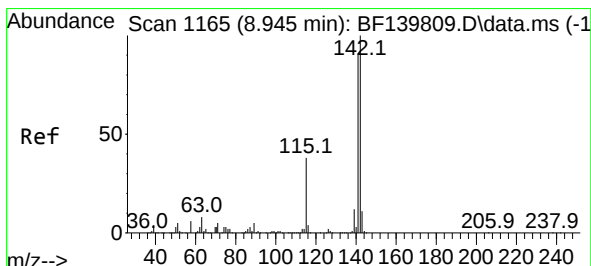
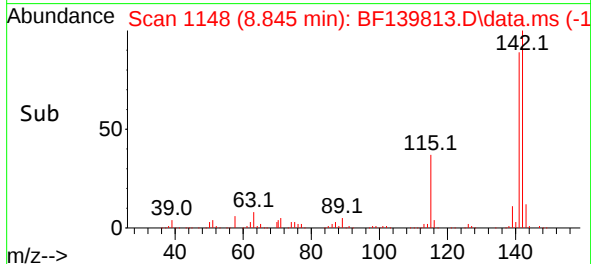
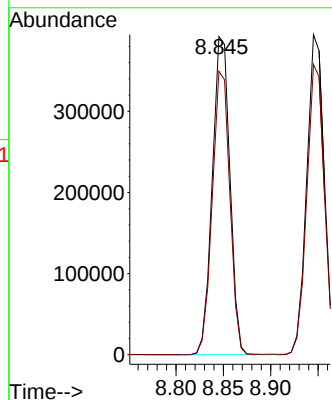
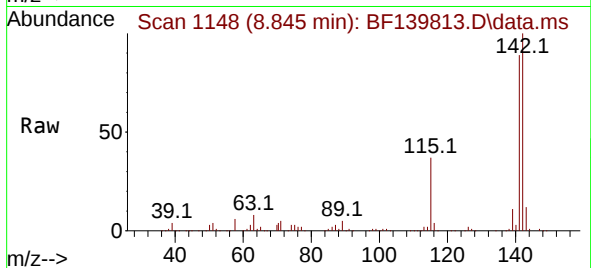
ClientSampleId :

ICVBF101524

Tgt Ion:142 Resp: 507384
Ion Ratio Lower Upper
142 100
141 89.1 69.8 104.8

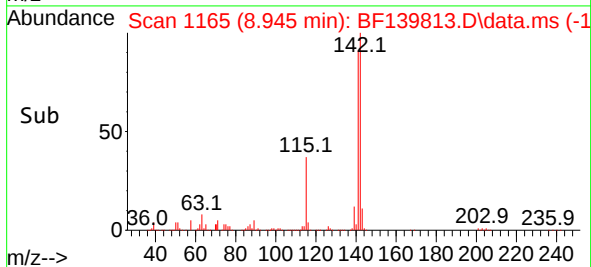
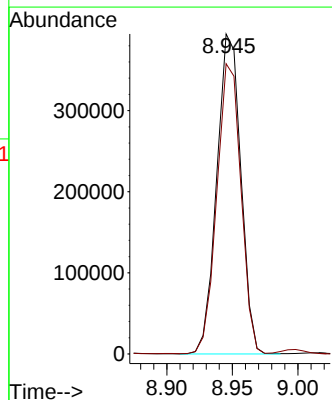
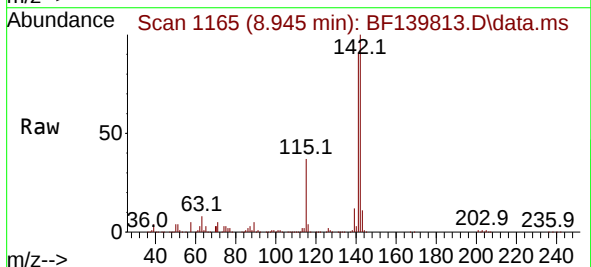
Manual Integrations
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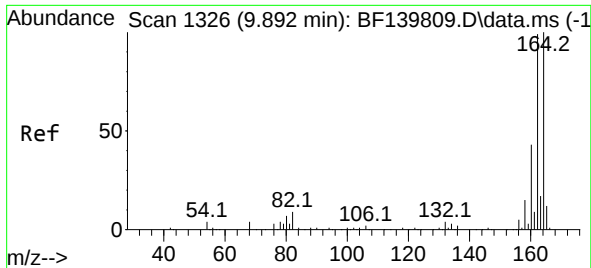
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#38
1-Methylnaphthalene
Concen: 38.807 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:142 Resp: 502918
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2





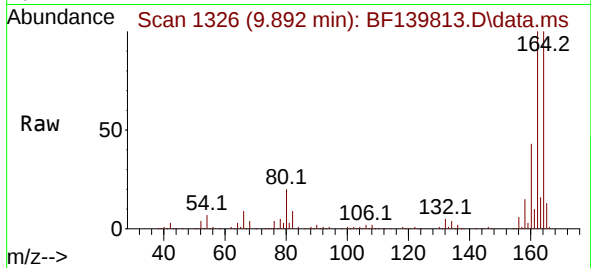
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



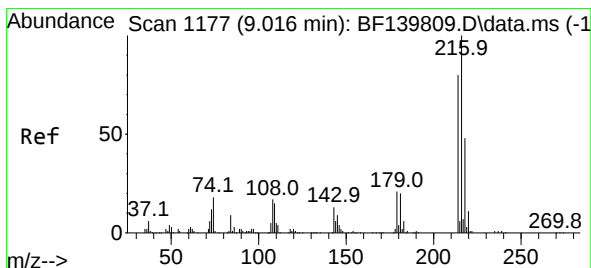
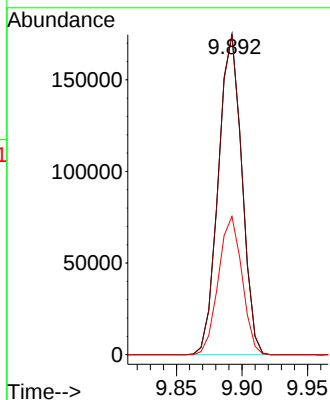
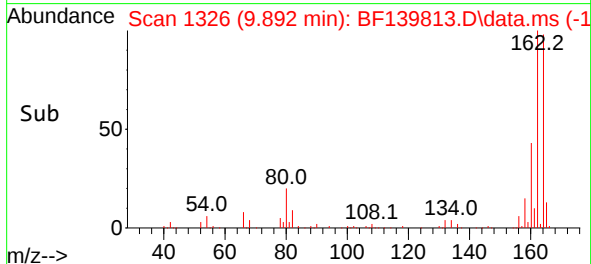
Tgt Ion:164 Resp: 217368
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 43.2 34.4 51.6

Manual Integrations

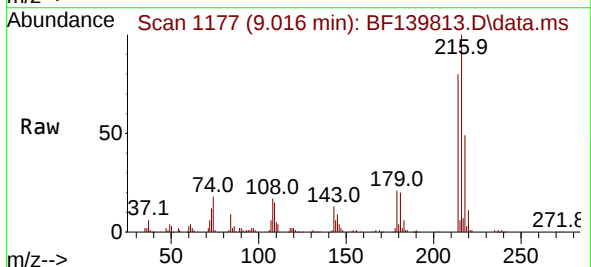
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

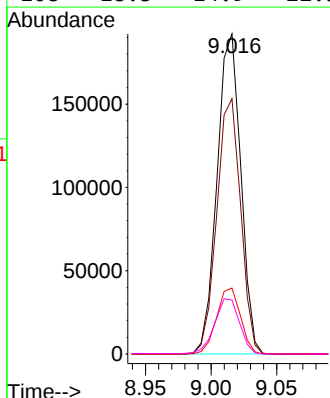
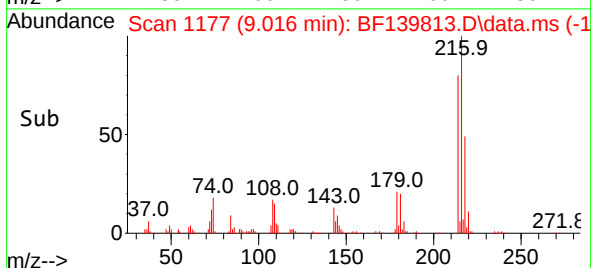
Supervised By :mohammad ahmed 10/16/2024

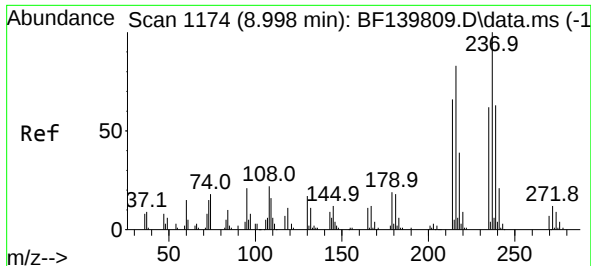


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.321 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



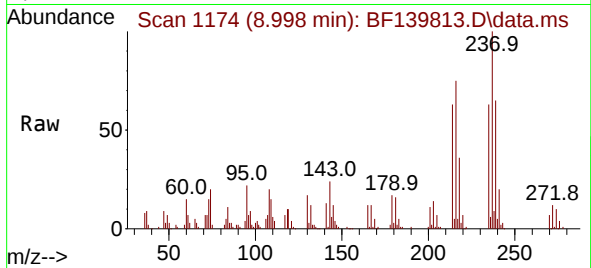
Tgt Ion:216 Resp: 241935
Ion Ratio Lower Upper
216 100
214 80.2 63.7 95.5
179 20.7 17.0 25.4
108 18.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 38.537 ng
RT: 8.998 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

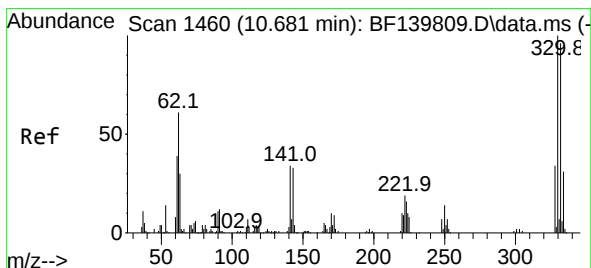
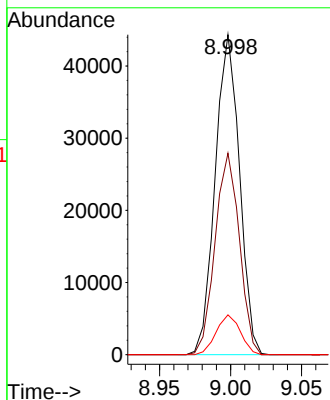
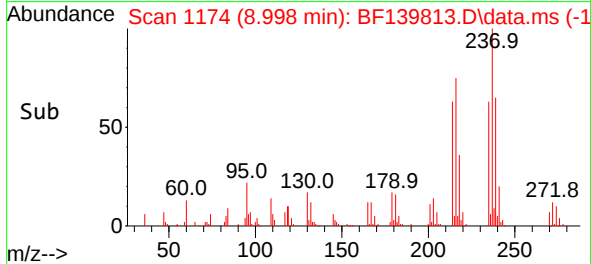
Instrument :
BNA_F
ClientSampleId :
ICVBF101524



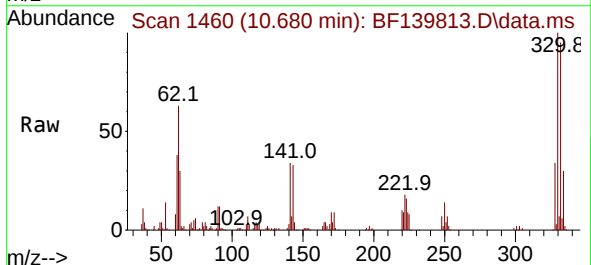
Tgt Ion:237 Resp: 52740
Ion Ratio Lower Upper
237 100
235 62.9 41.9 81.9
272 12.5 0.0 31.8

Manual Integrations
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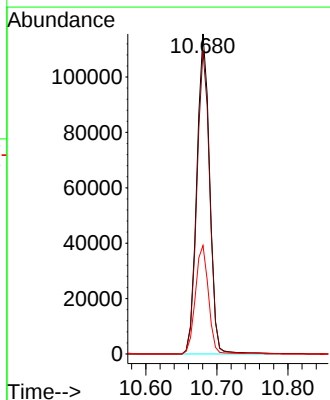
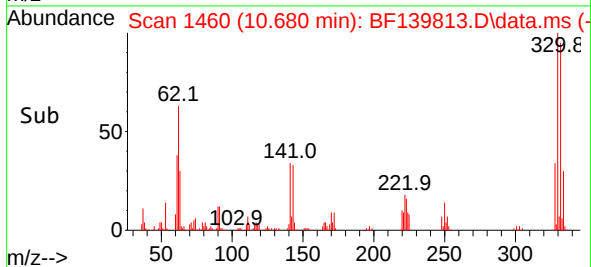
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

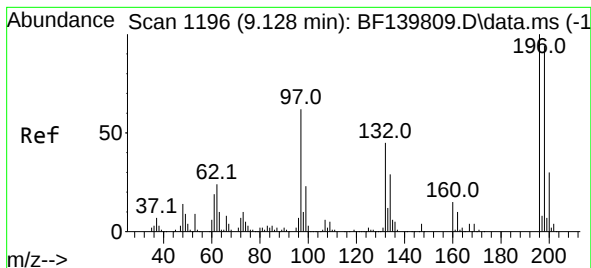


#42
2,4,6-Tribromophenol
Concen: 79.319 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:330 Resp: 145412
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 34.3 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 39.713 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:196 Resp: 15939

Ion Ratio Lower Upper

196 100

198 94.9 75.6 113.4

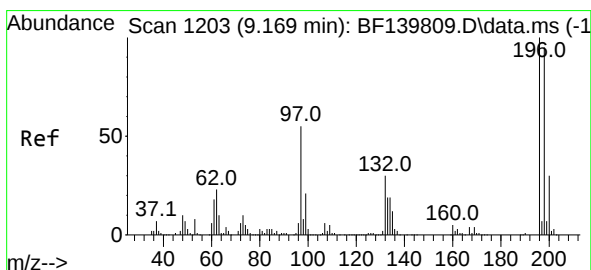
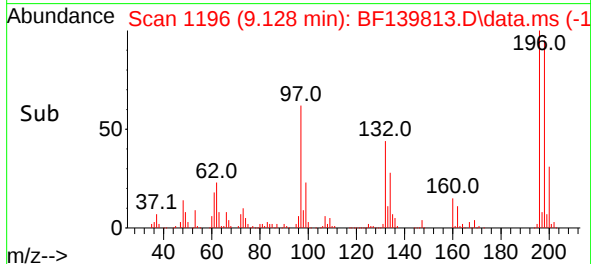
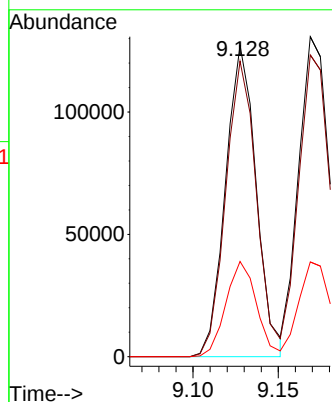
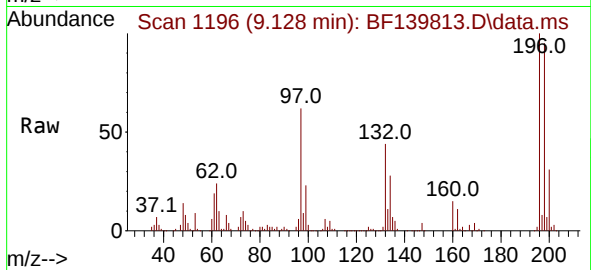
200 30.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#44

2,4,5-Trichlorophenol

Concen: 39.399 ng

RT: 9.169 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:196 Resp: 169444

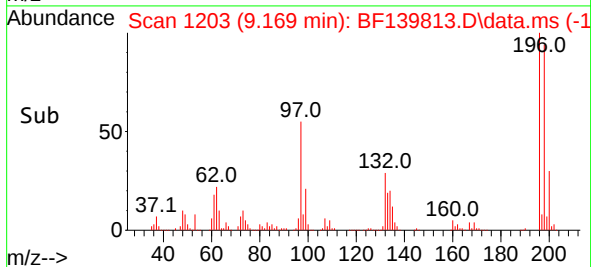
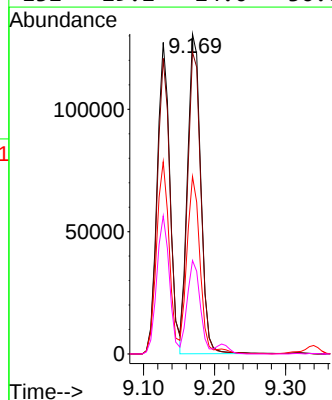
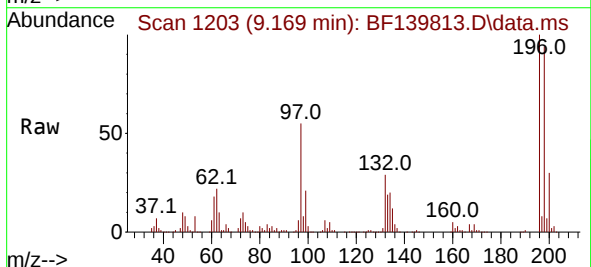
Ion Ratio Lower Upper

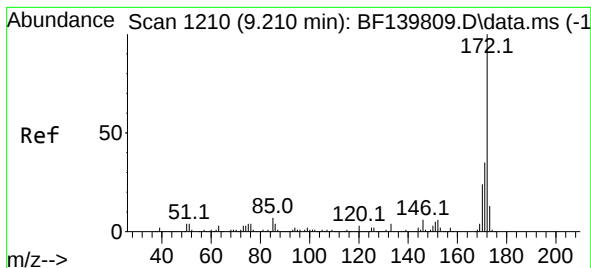
196 100

198 94.3 76.2 114.4

97 55.5 44.6 67.0

132 29.2 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 75.014 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:172 Resp: 1090178

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

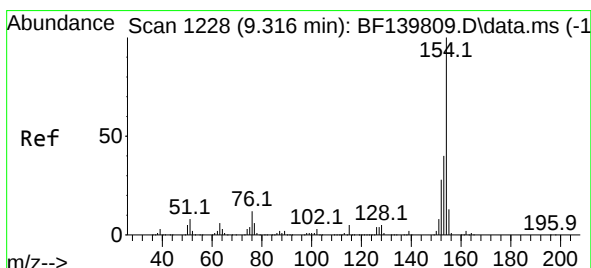
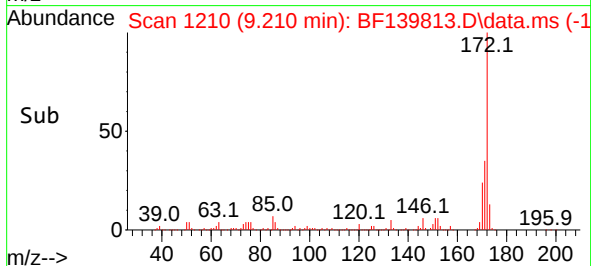
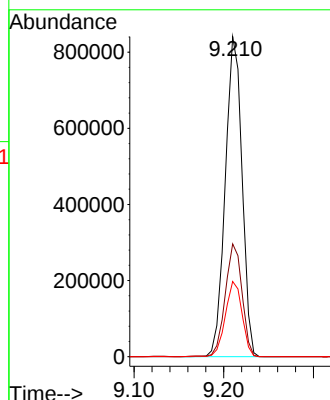
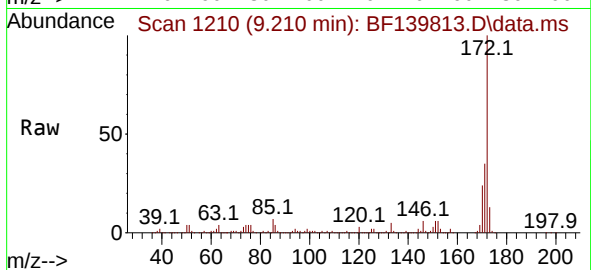
170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#46

1,1'-Biphenyl

Concen: 38.486 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

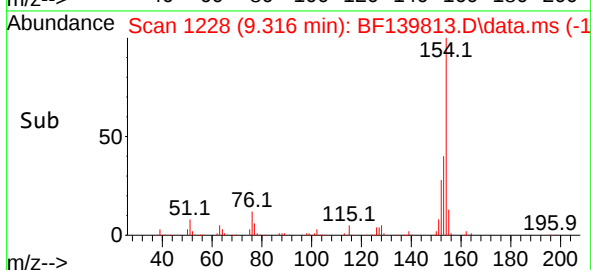
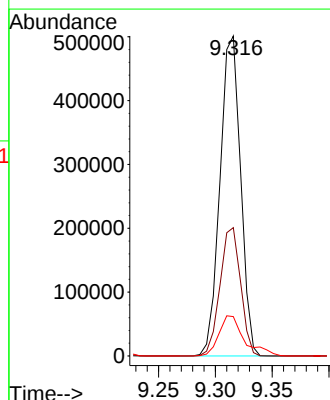
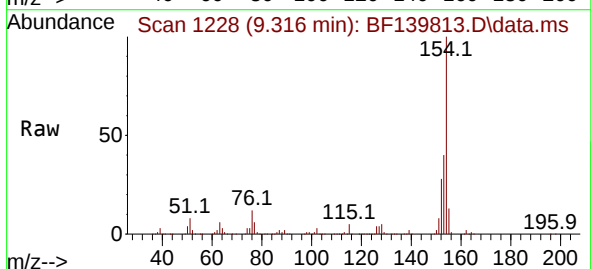
Tgt Ion:154 Resp: 632519

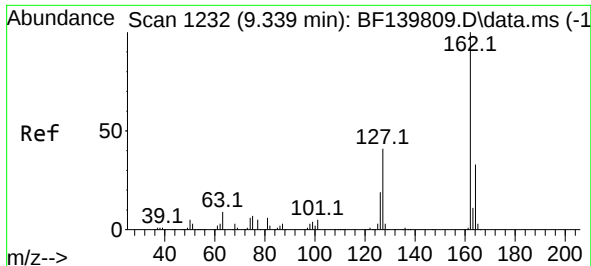
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 12.3 0.0 32.4





#47

2-Chloronaphthalene

Concen: 38.474 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

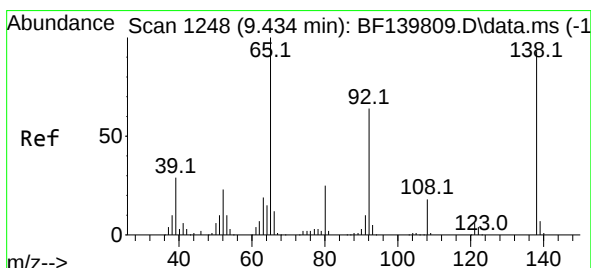
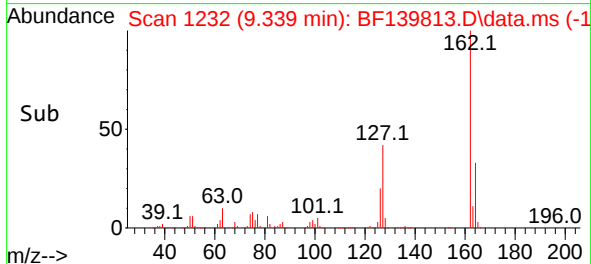
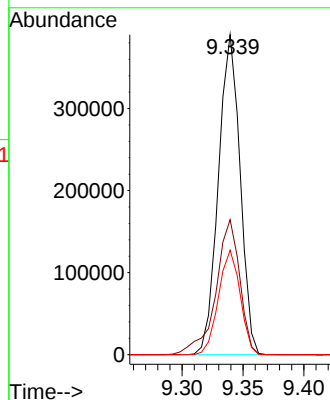
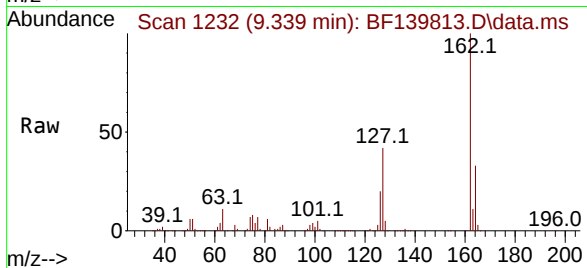
Tgt Ion:162 Resp: 48311
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.2 49.8
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#48

2-Nitroaniline

Concen: 39.615 ng

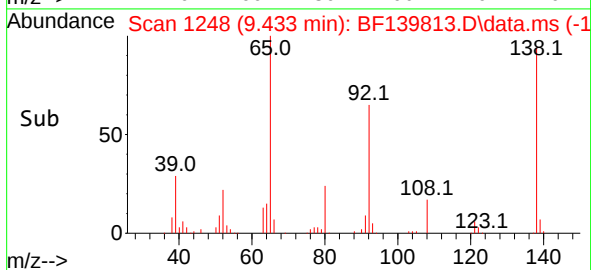
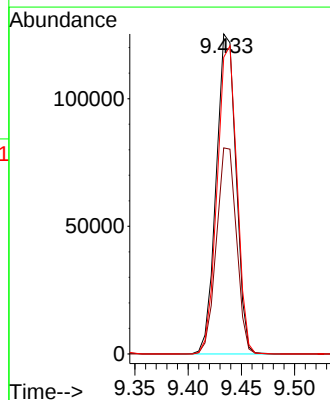
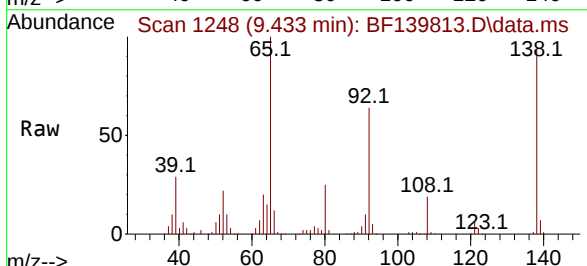
RT: 9.433 min Scan# 1248

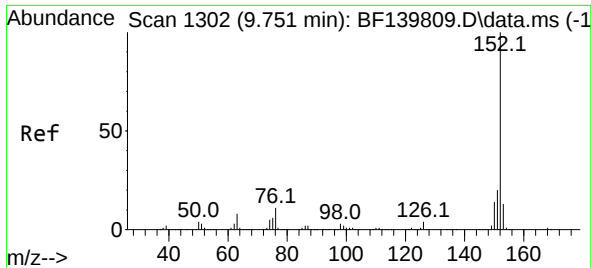
Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion: 65 Resp: 162404
 Ion Ratio Lower Upper
 65 100
 92 64.4 51.1 76.7
 138 92.7 74.1 111.1





#49

Acenaphthylene

Concen: 38.616 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:152 Resp: 71214

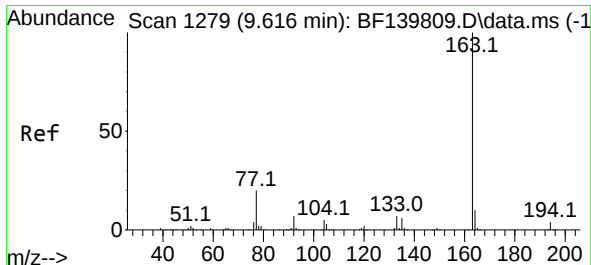
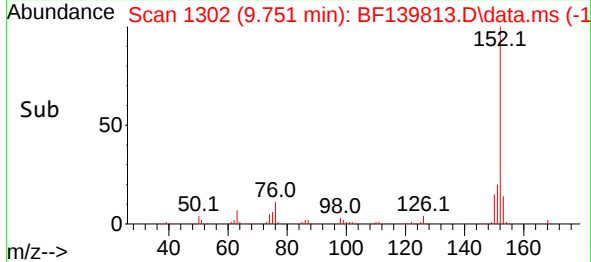
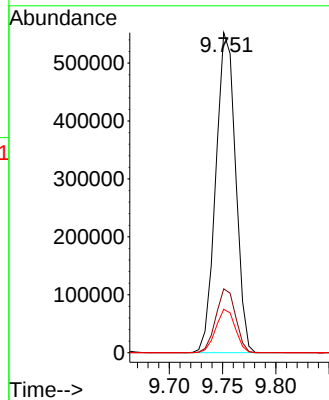
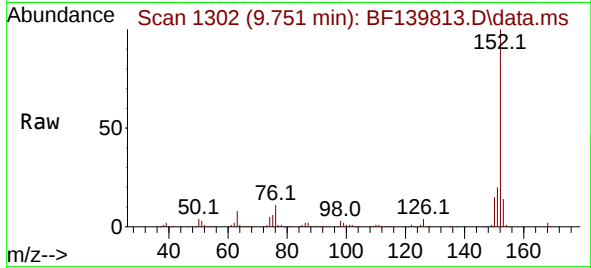
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#50

Dimethylphthalate

Concen: 38.938 ng

RT: 9.616 min Scan# 1279

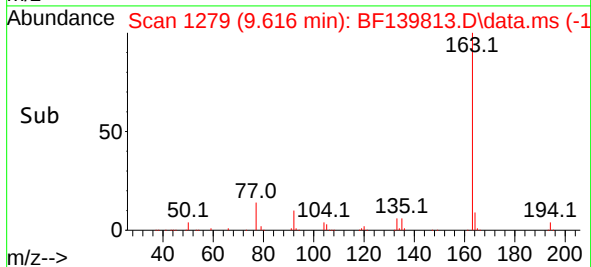
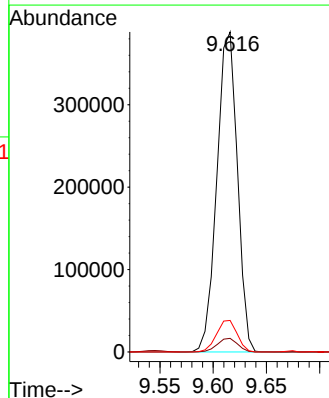
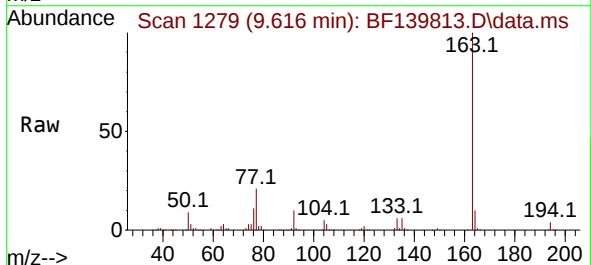
Delta R.T. -0.000 min

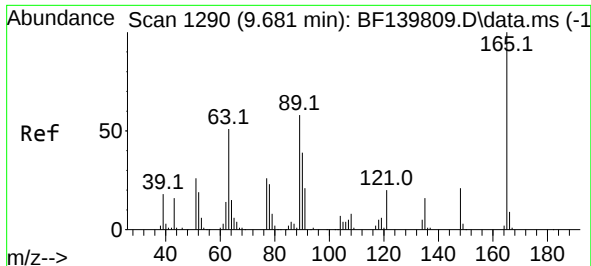
Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:163 Resp: 518080

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1





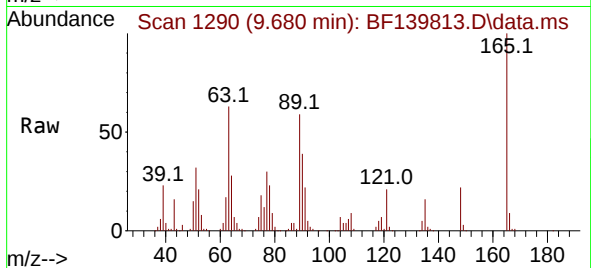
#51
2,6-Dinitrotoluene
Concen: 39.497 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



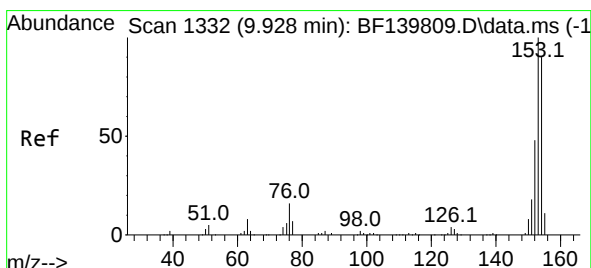
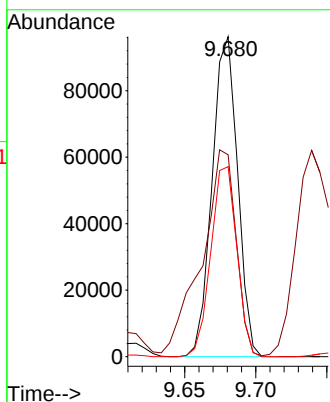
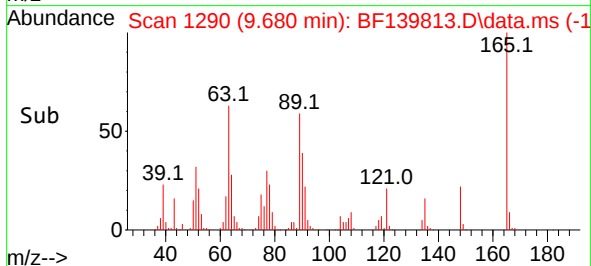
Tgt Ion:165 Resp: 119900
Ion Ratio Lower Upper
165 100
63 63.1 50.0 75.0
89 59.4 46.8 70.2

Manual Integrations

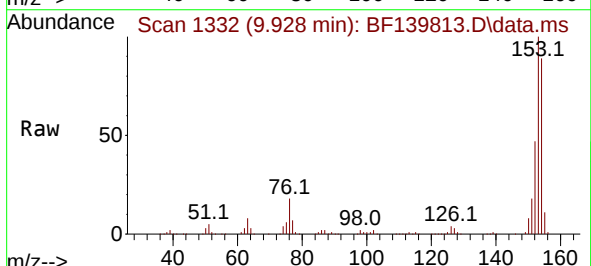
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

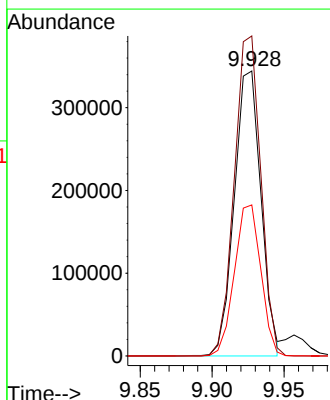
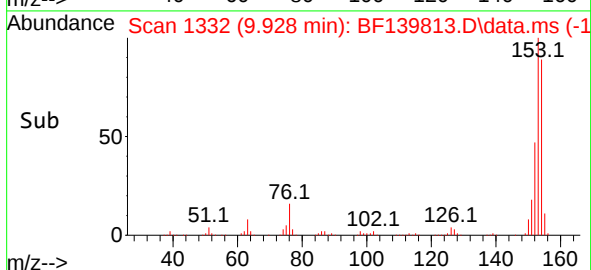
Supervised By :mohammad ahmed 10/16/2024

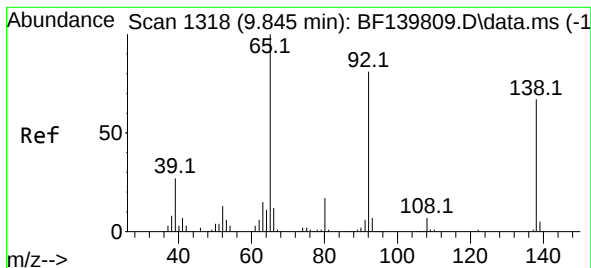


#52
Acenaphthene
Concen: 38.023 ng m
RT: 9.928 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:154 Resp: 444203
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 53.0 42.3 63.5





#53

3-Nitroaniline

Concen: 39.304 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:138 Resp: 118964

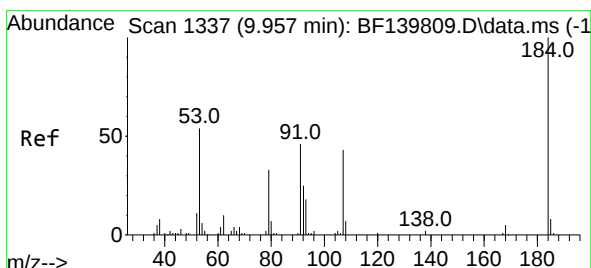
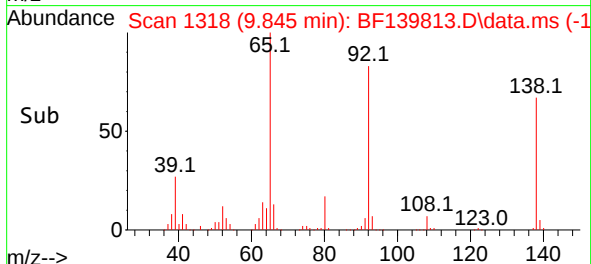
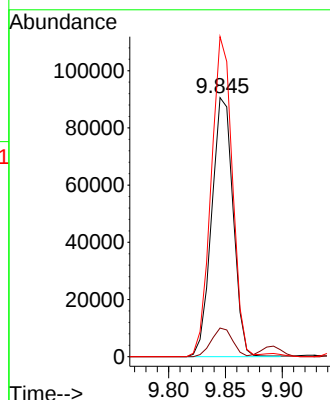
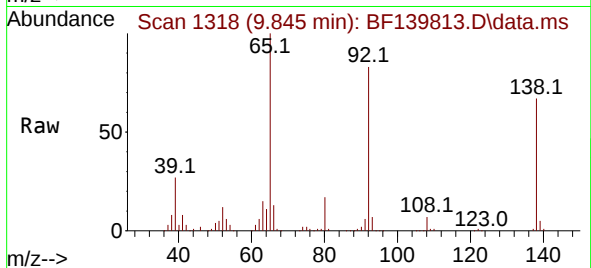
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	123.5	97.5	146.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#54

2,4-Dinitrophenol

Concen: 42.373 ng

RT: 9.957 min Scan# 1337

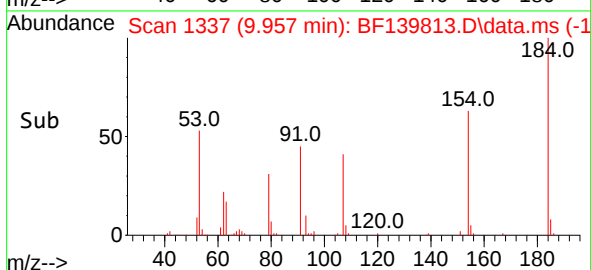
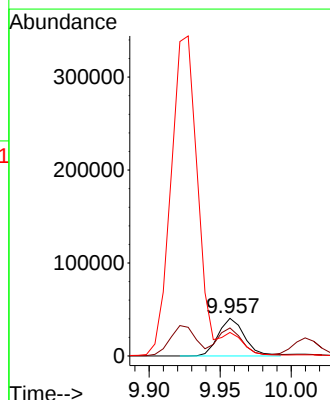
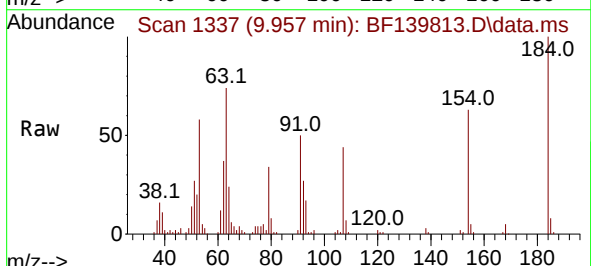
Delta R.T. -0.000 min

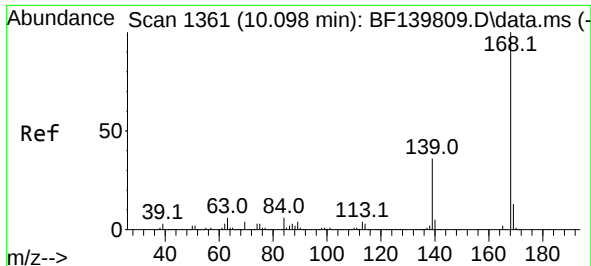
Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:184 Resp: 52276

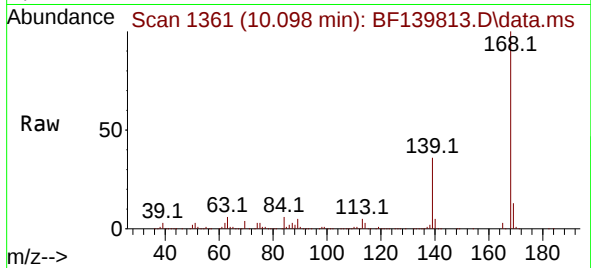
Ion	Ratio	Lower	Upper
184	100		
63	74.3	58.2	87.4
154	62.7	49.3	73.9





#55
Dibenzenofuran
Concen: 38.653 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

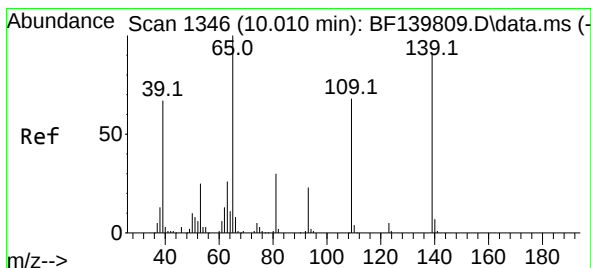
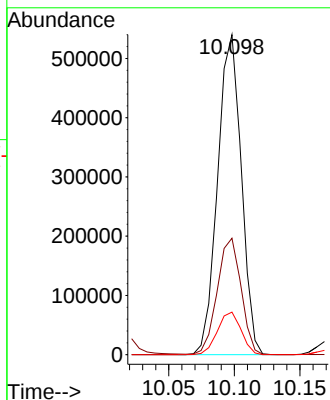
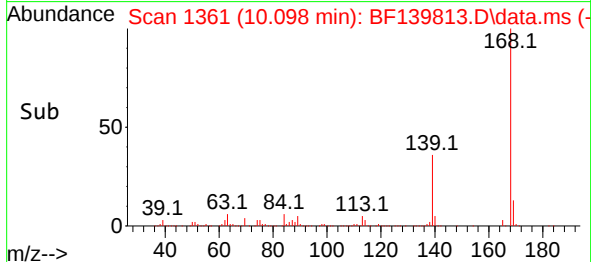
Instrument :
BNA_F
ClientSampleId :
ICVBF101524



Tgt Ion:168 Resp: 677125
Ion Ratio Lower Upper
168 100
139 36.4 29.2 43.8
169 13.3 10.5 15.7

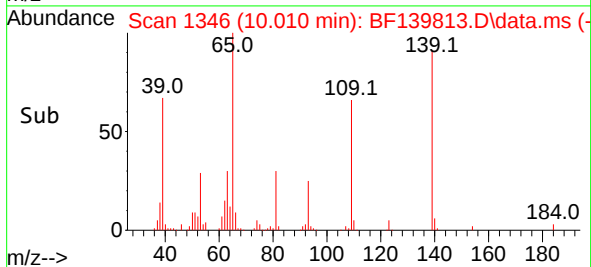
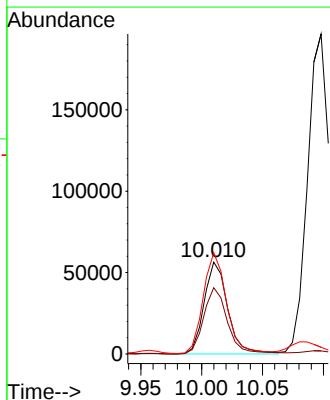
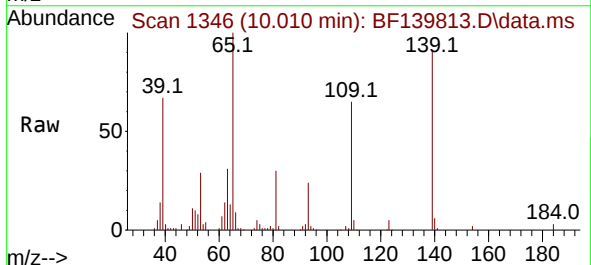
Manual Integrations
APPROVED

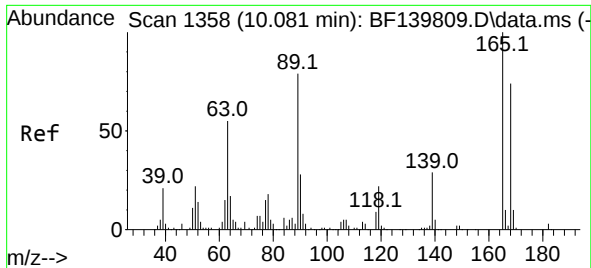
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#56
4-Nitrophenol
Concen: 41.811 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:139 Resp: 76186
Ion Ratio Lower Upper
139 100
109 72.1 54.1 94.1
65 110.2 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 40.548 ng
RT: 10.080 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

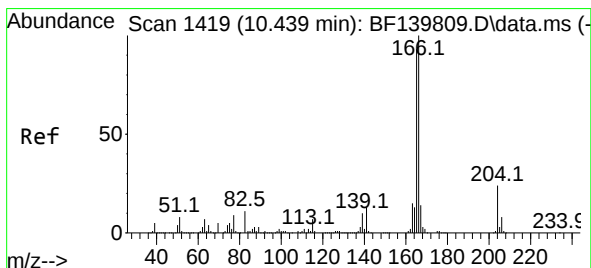
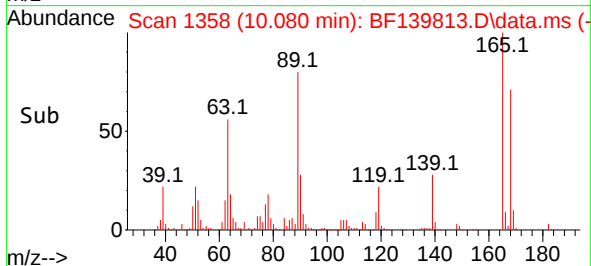
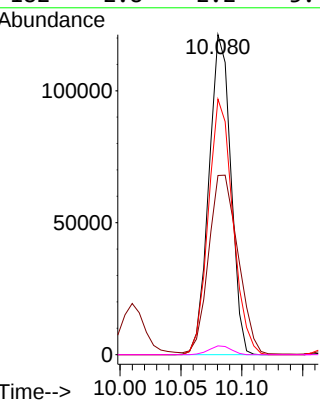
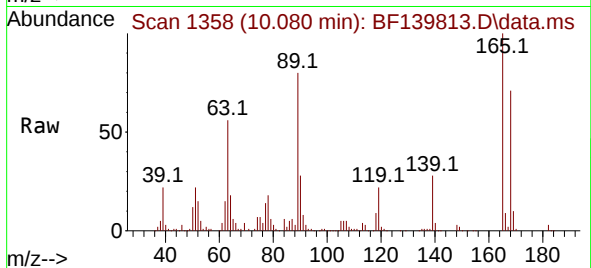
ICVBF101524

Tgt Ion:165 Resp: 151974
Ion Ratio Lower Upper
165 100
63 56.0 44.7 67.1
89 79.8 63.1 94.7
182 2.8 2.2 3.4

Manual Integrations

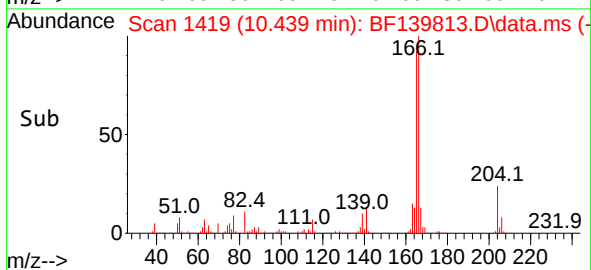
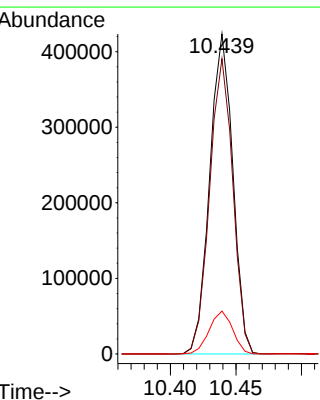
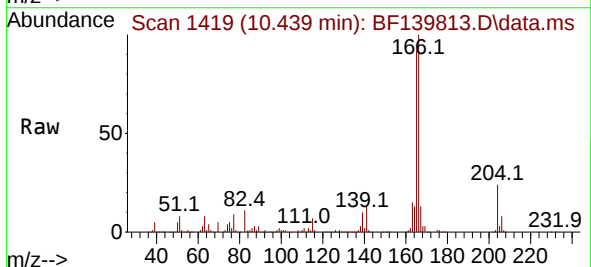
APPROVED

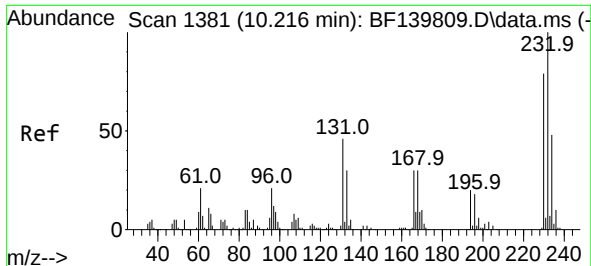
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#58
Fluorene
Concen: 38.055 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

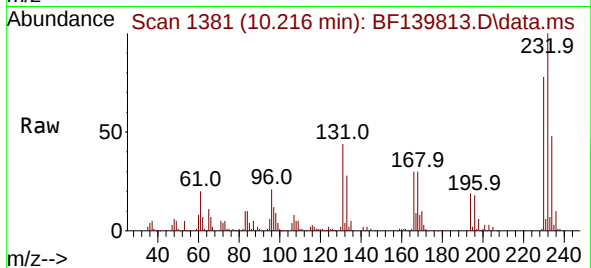
Tgt Ion:166 Resp: 518827
Ion Ratio Lower Upper
166 100
165 92.2 74.5 111.7
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.326 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

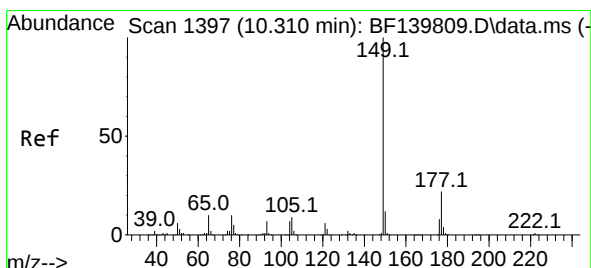
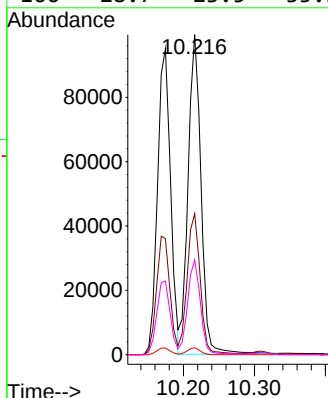
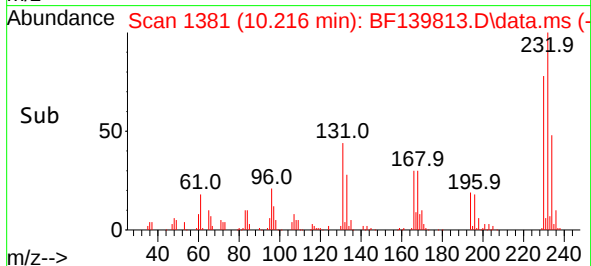
Instrument :
BNA_F
ClientSampleId :
ICVBF101524



Tgt Ion:232 Resp: 125769
Ion Ratio Lower Upper
232 100
131 44.6 36.1 54.1
130 2.1 1.8 2.6
166 28.7 23.5 35.3

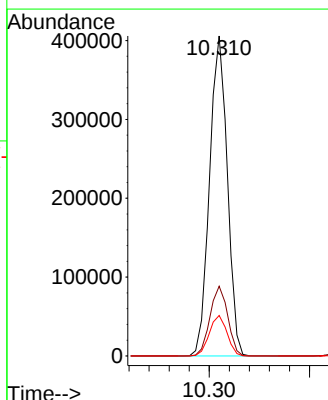
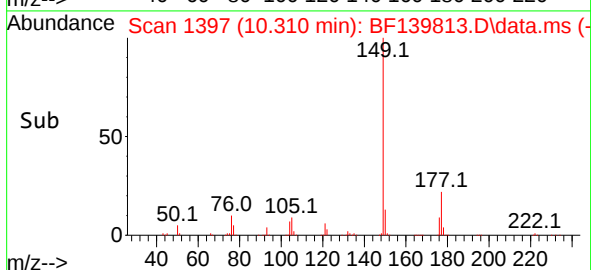
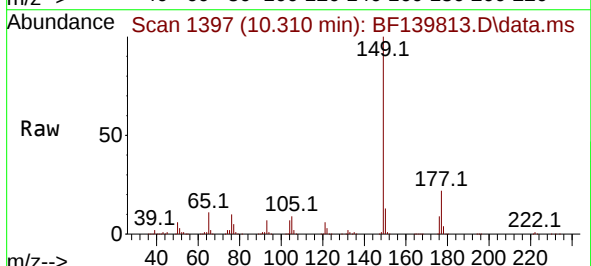
Manual Integrations
APPROVED

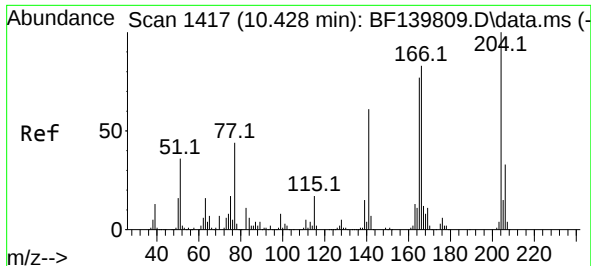
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#60
Diethylphthalate
Concen: 38.426 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:149 Resp: 497412
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.7 9.8 14.8





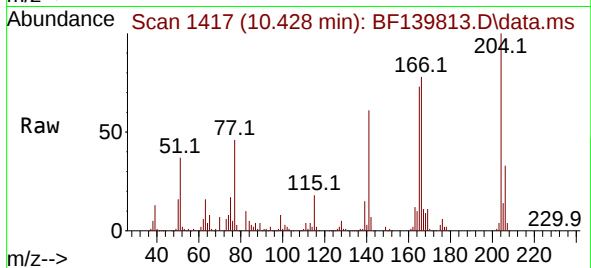
#61
4-Chlorophenyl-phenylether
Concen: 37.663 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

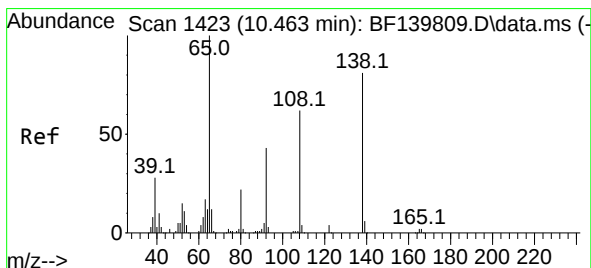
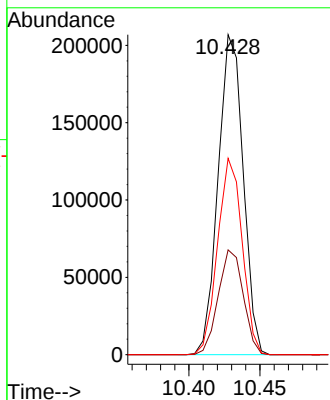
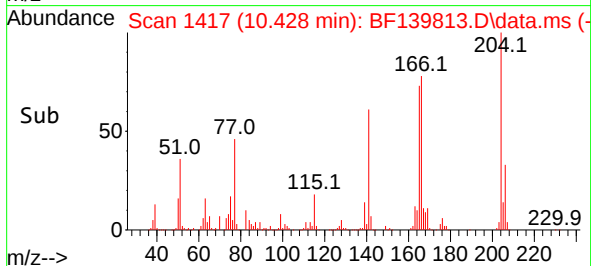


Tgt Ion:204 Resp: 253730
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 61.4 49.0 73.6

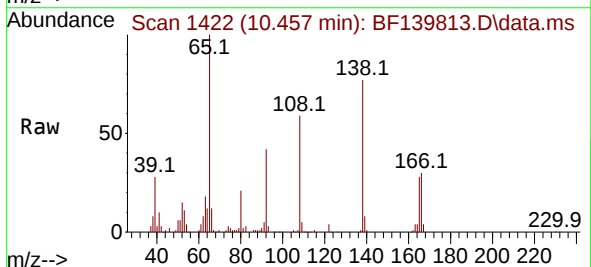
Manual Integrations

APPROVED

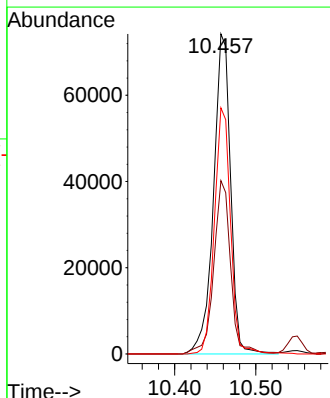
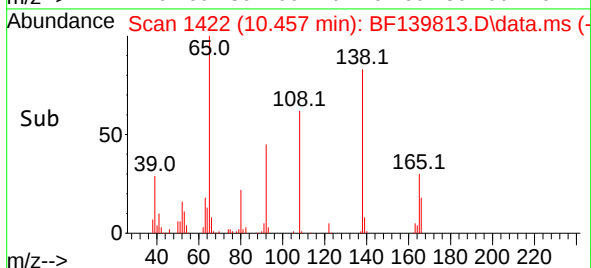
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

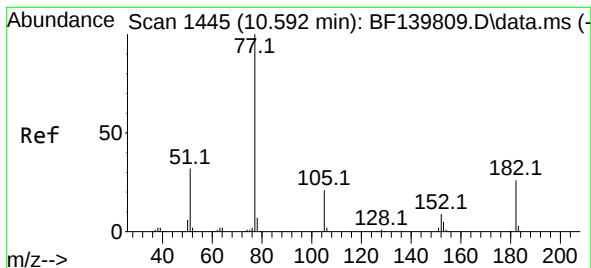


#62
4-Nitroaniline
Concen: 39.190 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:138 Resp: 108491
Ion Ratio Lower Upper
138 100
92 54.2 33.2 73.2
108 76.9 57.0 97.0





#63

Azobenzene

Concen: 39.424 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF139813.D

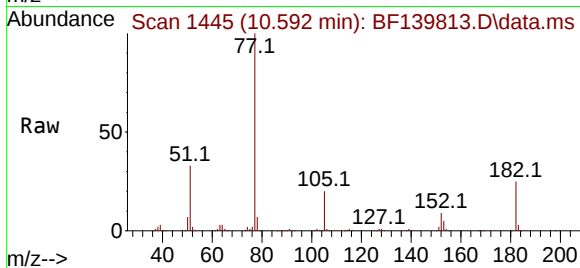
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



Tgt Ion: 77 Resp: 532028

Ion Ratio Lower Upper

77 100

182 24.6 5.4 45.4

105 20.2 0.4 40.4

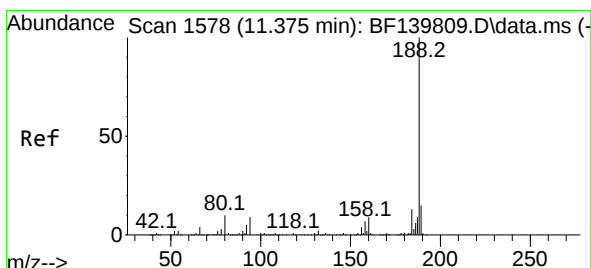
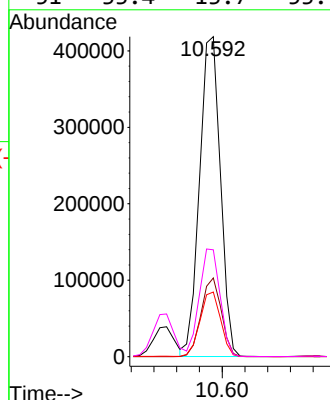
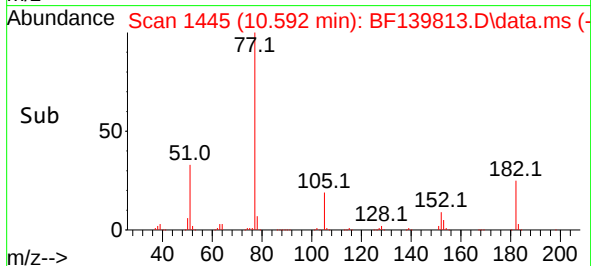
51 33.4 13.7 53.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

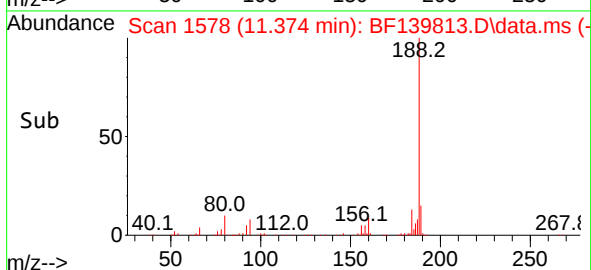
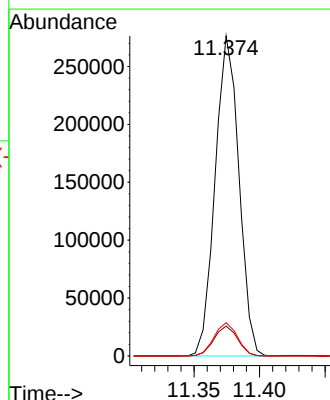
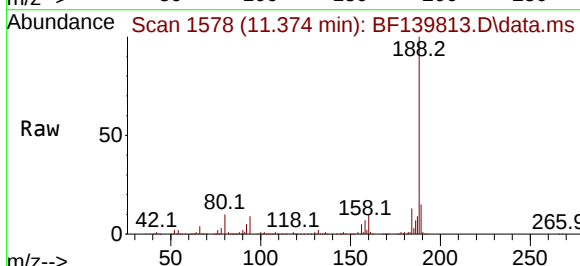
Tgt Ion:188 Resp: 348296

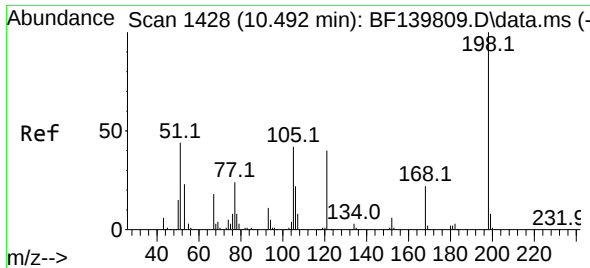
Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 10.4 7.8 11.8





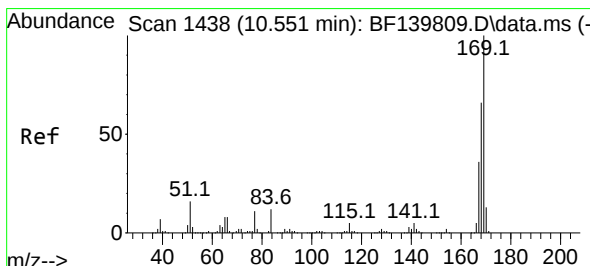
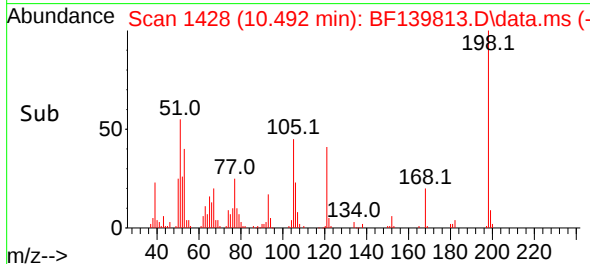
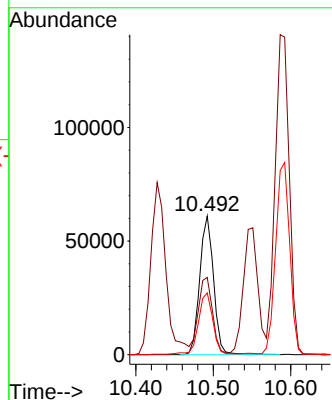
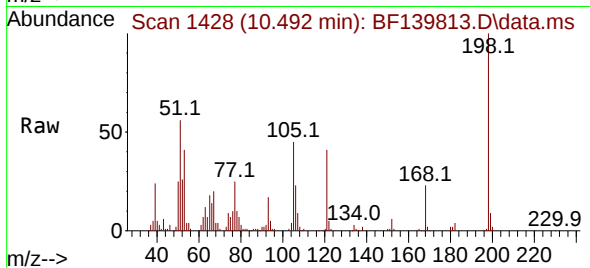
#65
4,6-Dinitro-2-methylphenol
Concen: 41.459 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :
BNA_F
ClientSampleId :
ICVBF101524

Tgt Ion:198 Resp: 7575
Ion Ratio Lower Upper
198 100
51 55.7 34.3 74.3
105 44.5 23.8 63.8

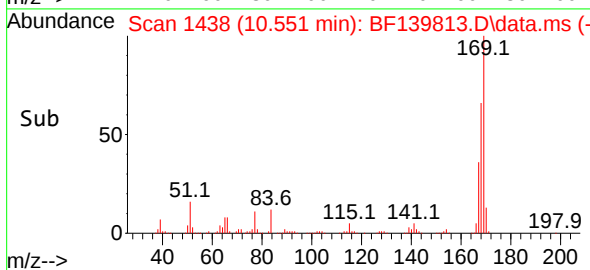
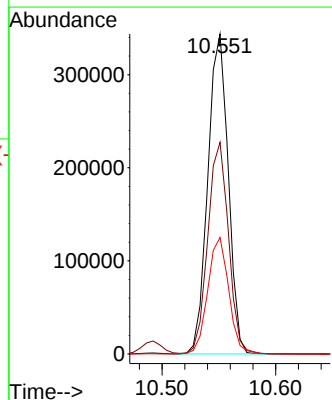
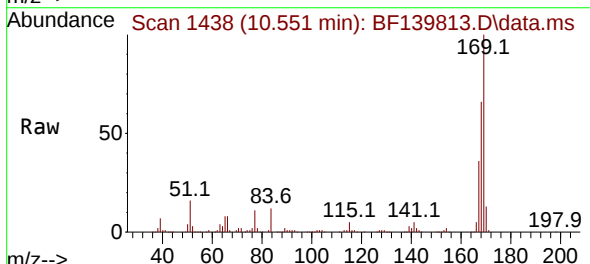
Manual Integrations
APPROVED

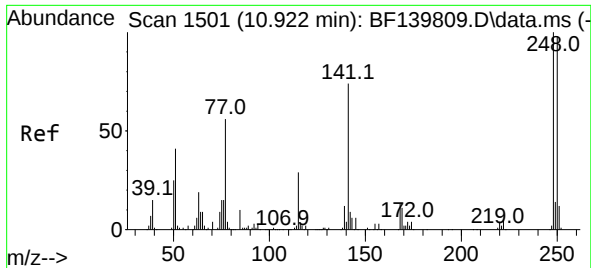
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#66
n-Nitrosodiphenylamine
Concen: 38.849 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:169 Resp: 428010
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 36.4 28.8 43.2





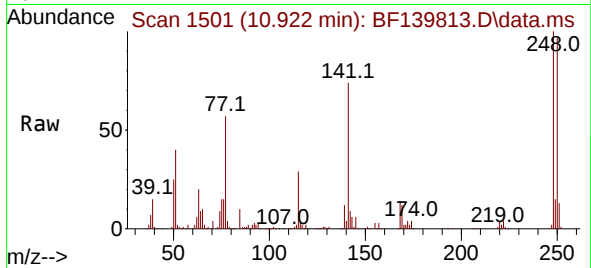
#67
4-Bromophenyl-phenylether
Concen: 39.007 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



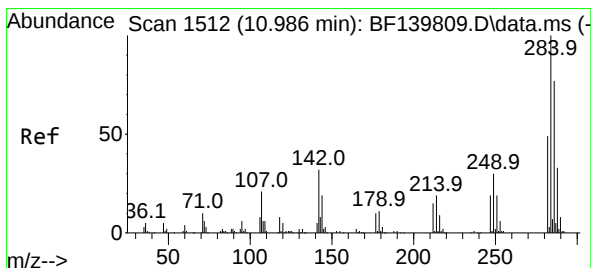
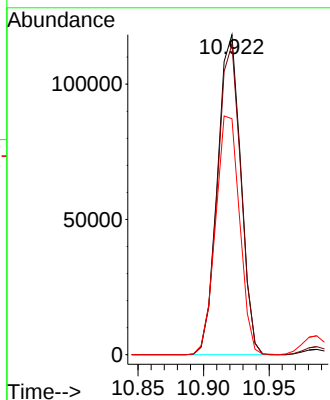
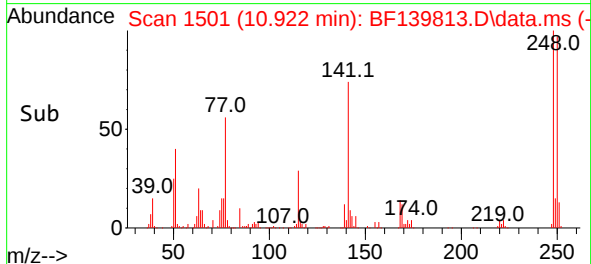
Tgt Ion:248 Resp: 146372
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 73.7 58.9 88.3

Manual Integrations

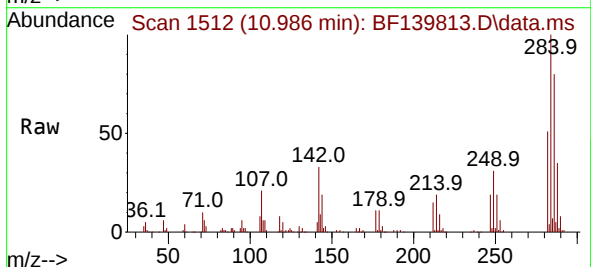
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

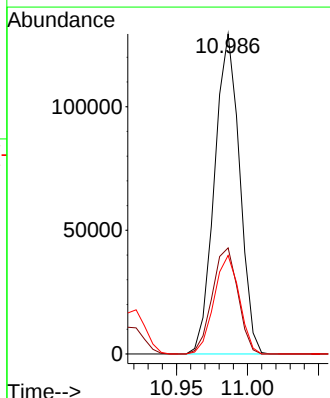
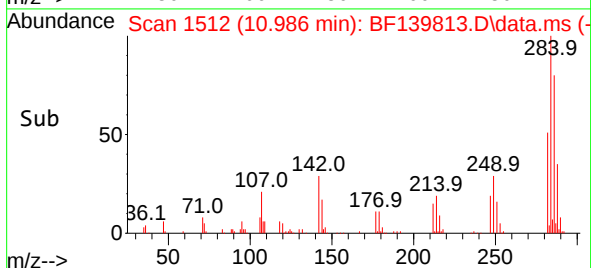
Supervised By :mohammad ahmed 10/16/2024

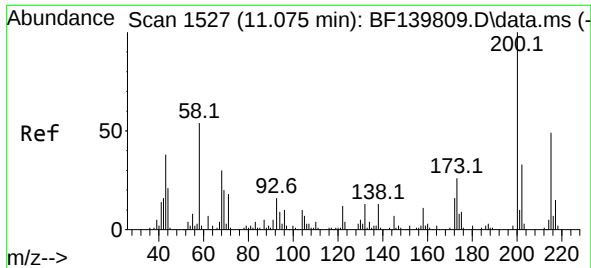


#68
Hexachlorobenzene
Concen: 37.830 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:284 Resp: 158795
Ion Ratio Lower Upper
284 100
142 33.1 25.2 37.8
249 30.8 23.8 35.8





#69
 Atrazine
 Concen: 31.061 ng
 RT: 11.069 min Scan# 1526
 Delta R.T. -0.006 min
 Lab File: BF139813.D
 Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

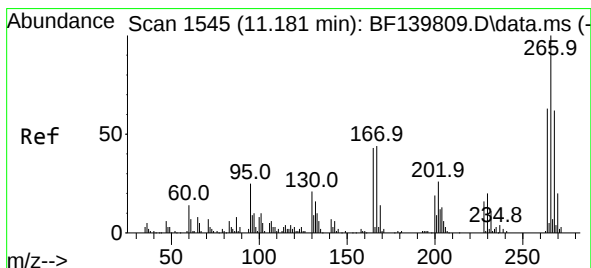
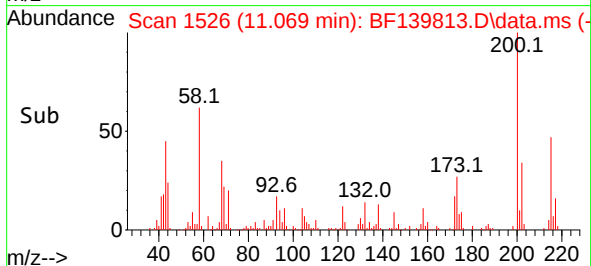
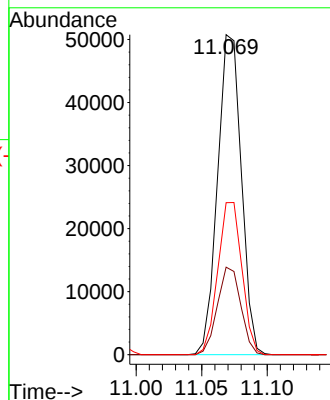
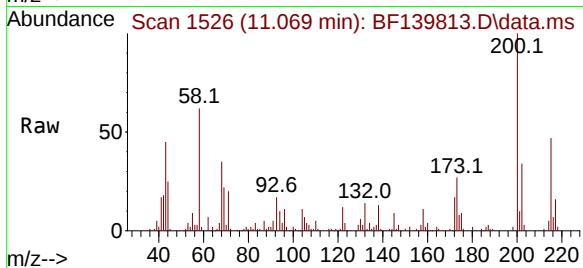
ICVBF101524

Tgt Ion:200 Resp: 6388
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.5 46.5
 215 47.5 29.2 69.2

Manual Integrations

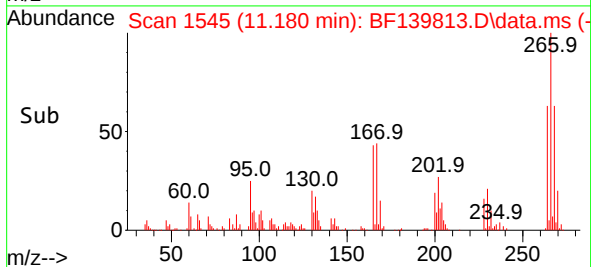
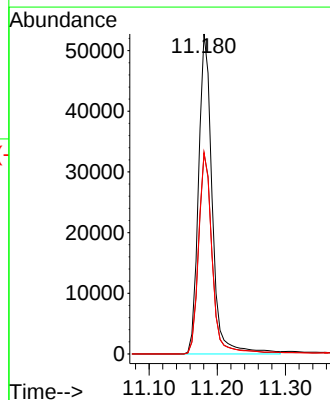
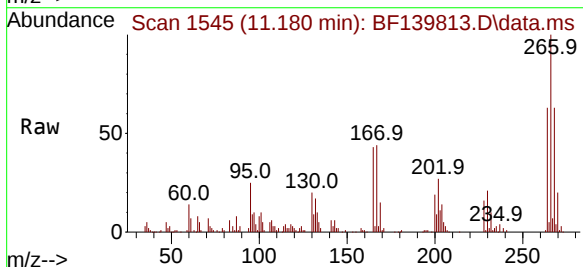
APPROVED

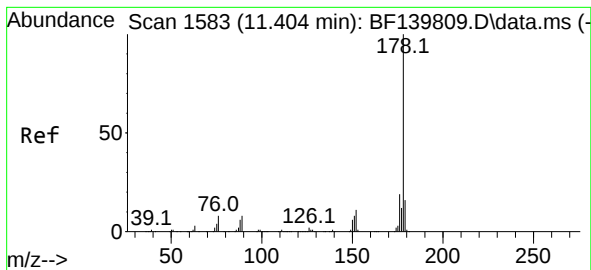
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024



#70
 Pentachlorophenol
 Concen: 40.920 ng
 RT: 11.180 min Scan# 1545
 Delta R.T. -0.000 min
 Lab File: BF139813.D
 Acq: 15 Oct 2024 15:39

Tgt Ion:266 Resp: 73457
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.8
 264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 38.182 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

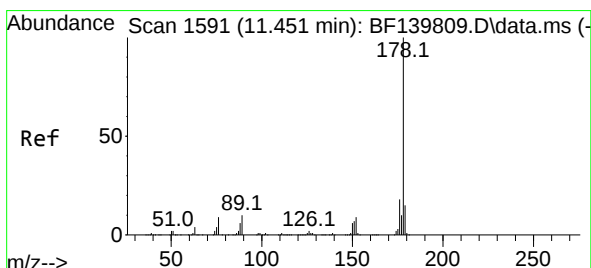
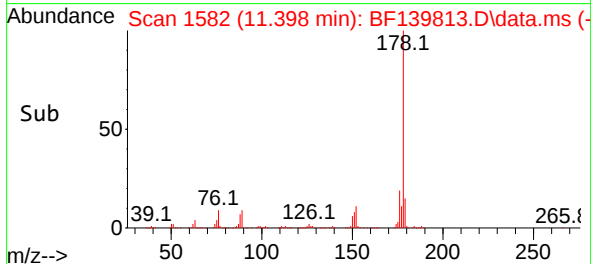
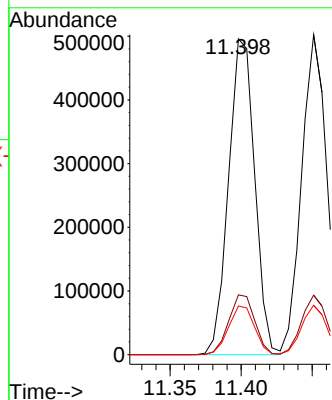
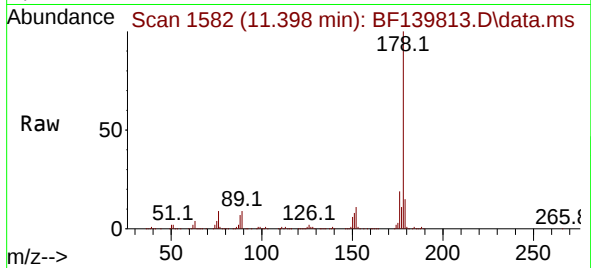
Tgt Ion:178 Resp: 635234
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.4 12.5 18.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#72

Anthracene

Concen: 37.668 ng

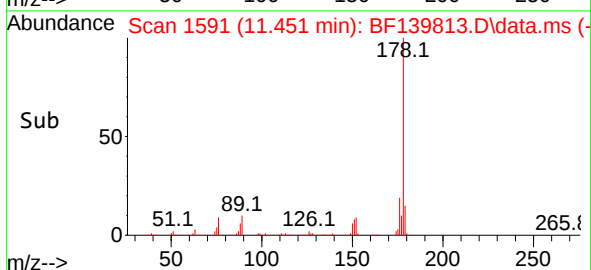
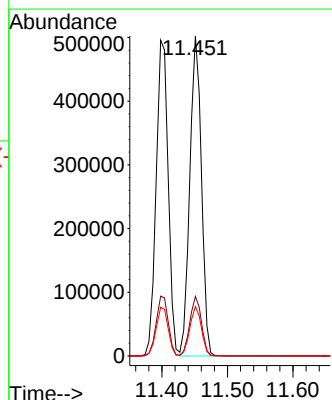
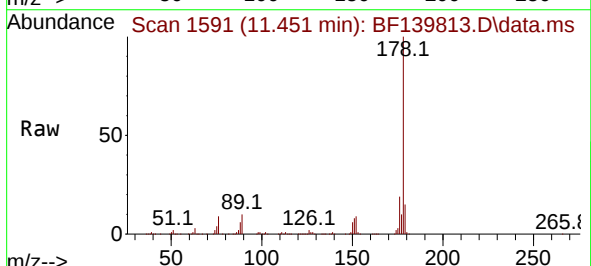
RT: 11.451 min Scan# 1591

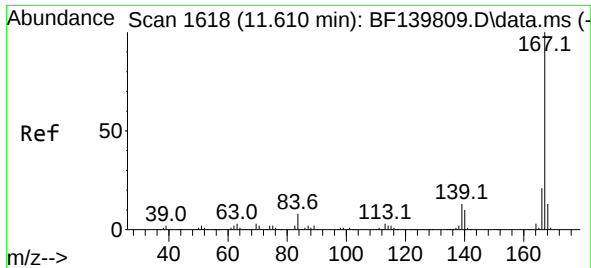
Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:178 Resp: 615794
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 21.8
 179 15.4 12.4 18.6





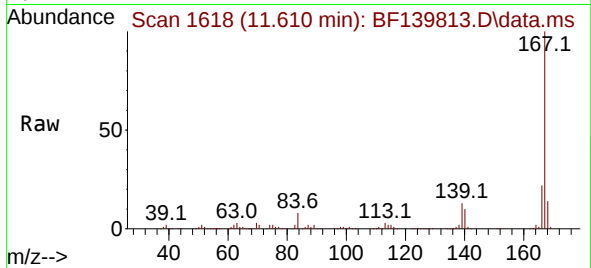
#73
 Carbazole
 Concen: 37.015 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF139813.D
 Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



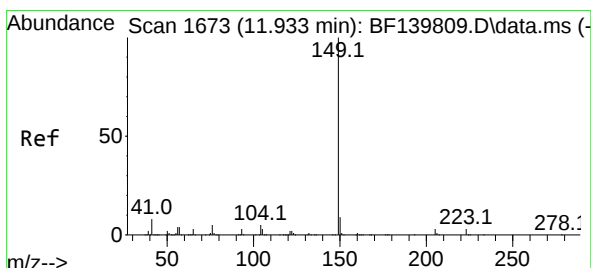
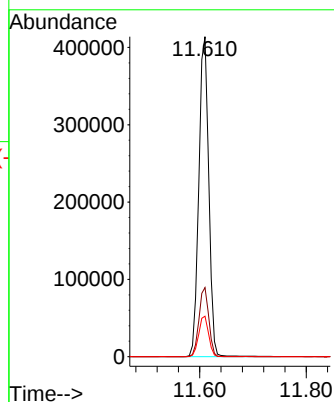
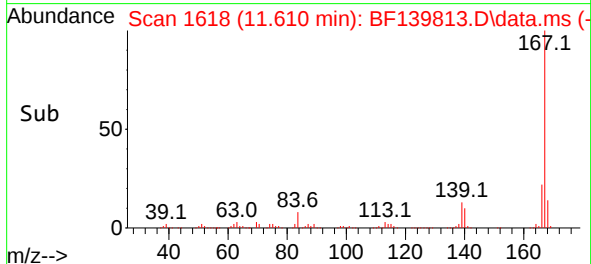
Tgt Ion:167 Resp: 53537
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.7 10.1 15.1

Manual Integrations

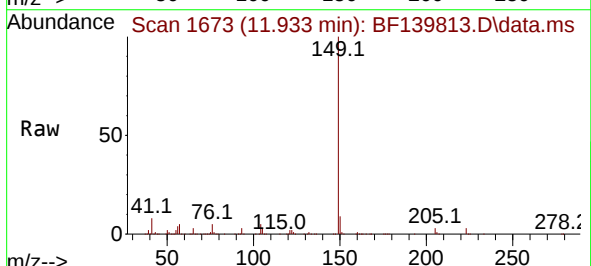
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

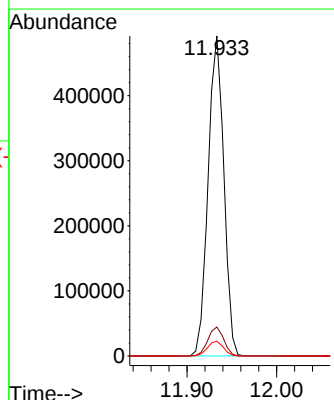
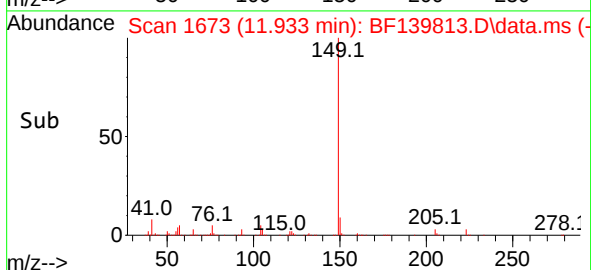
Supervised By :mohammad ahmed 10/16/2024

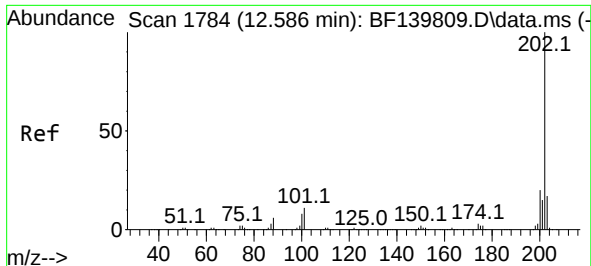


#74
 Di-n-butylphthalate
 Concen: 38.047 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF139813.D
 Acq: 15 Oct 2024 15:39



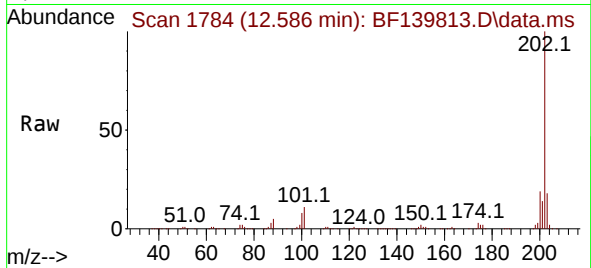
Tgt Ion:149 Resp: 597954
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 35.576 ng
RT: 12.586 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

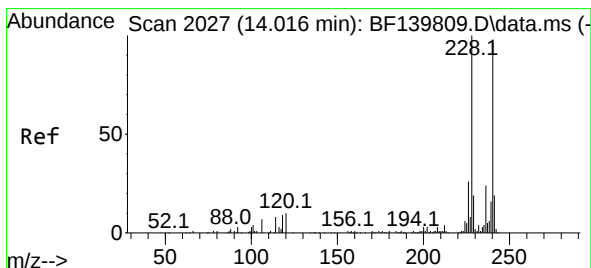
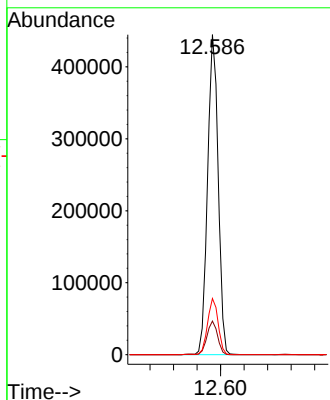
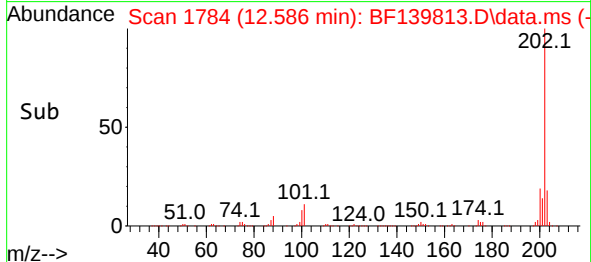
Instrument :
BNA_F
ClientSampleId :
ICVBF101524



Tgt Ion:202 Resp: 55844
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.8
203 17.5 0.0 37.5

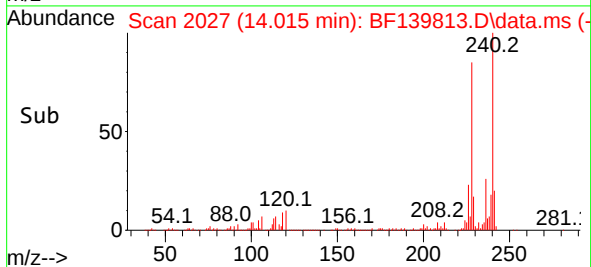
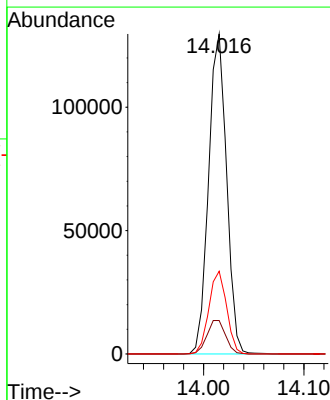
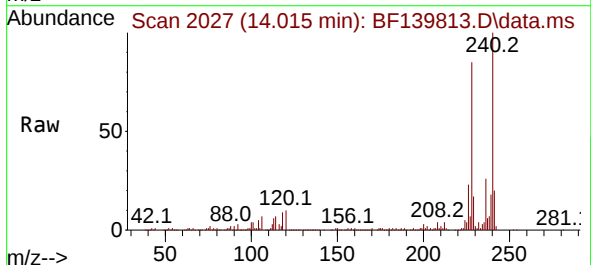
Manual Integrations
APPROVED

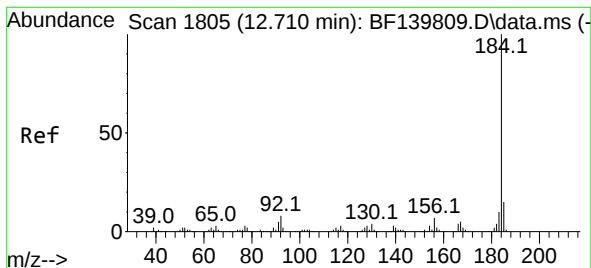
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:240 Resp: 161894
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.8 20.0 30.0





#77

Benzidine

Concen: 46.657 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

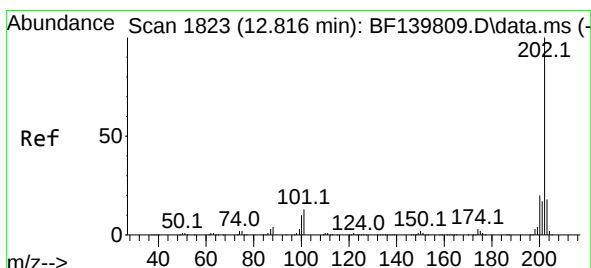
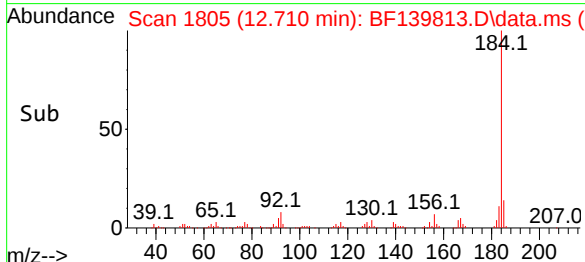
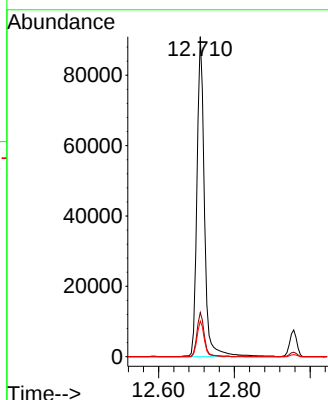
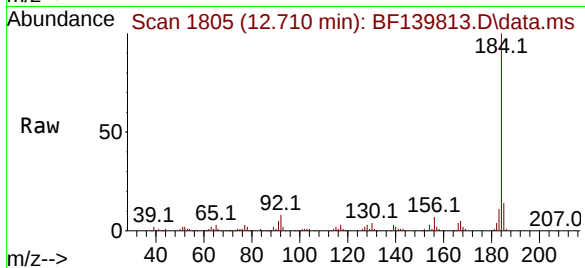
Tgt Ion:184	Resp: 126179
Ion Ratio	Lower Upper
184	100
185	13.8 11.9 17.9
183	11.1 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#78

Pyrene

Concen: 34.263 ng

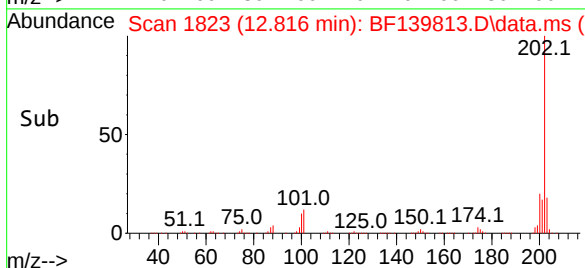
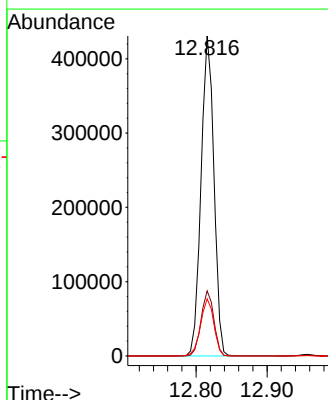
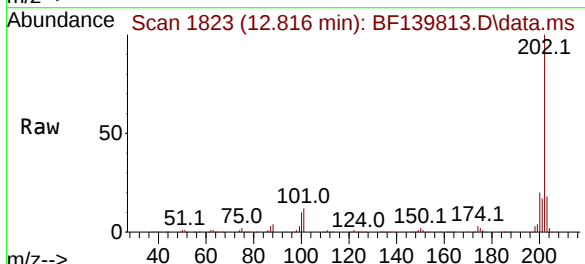
RT: 12.816 min Scan# 1823

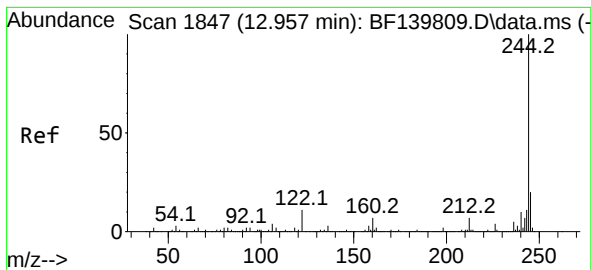
Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:202	Resp: 545293
Ion Ratio	Lower Upper
202	100
200	20.3 15.9 23.9
203	17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 81.589 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139813.D

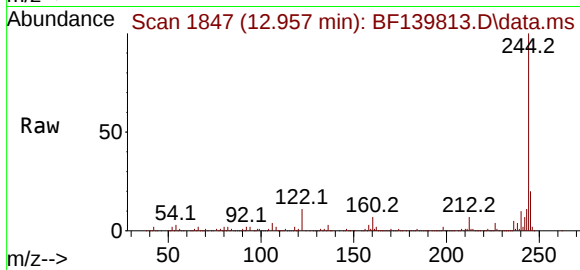
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524



Tgt Ion:244 Resp: 695149

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

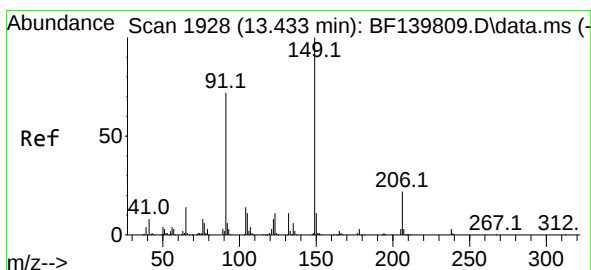
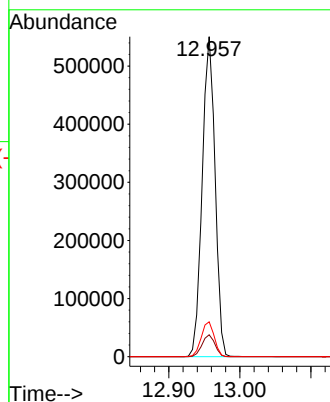
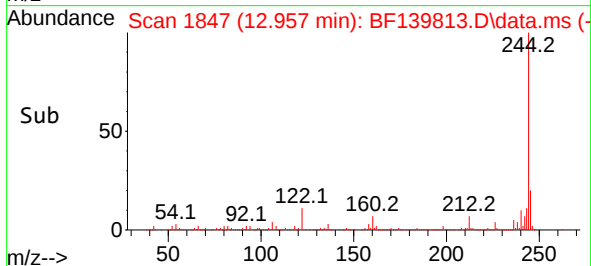
122 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#80

Butylbenzylphthalate

Concen: 38.220 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

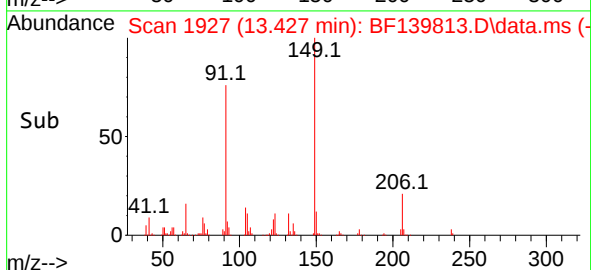
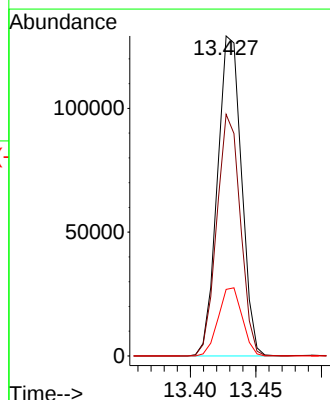
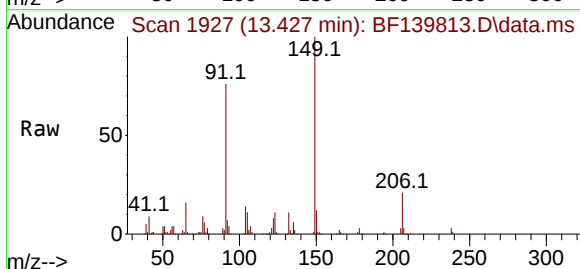
Tgt Ion:149 Resp: 164903

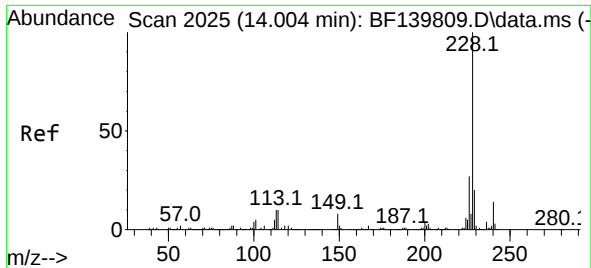
Ion Ratio Lower Upper

149 100

91 75.5 57.8 86.8

206 20.8 17.4 26.2





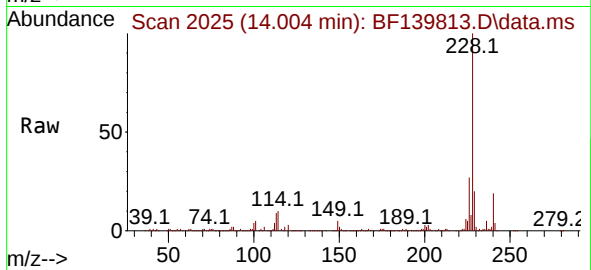
#81
Benzo(a)anthracene
Concen: 38.478 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

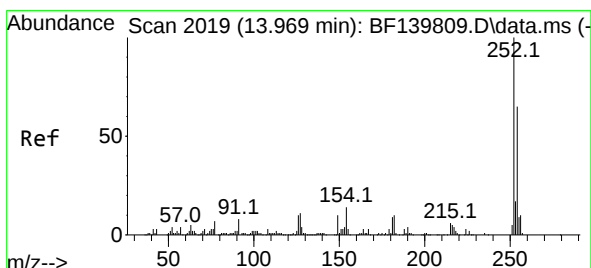
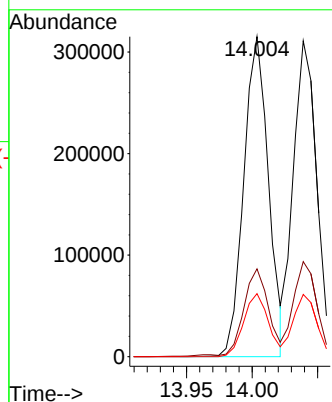
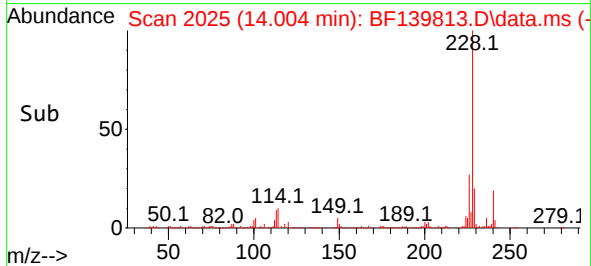


Tgt Ion:228 Resp: 413770
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.8

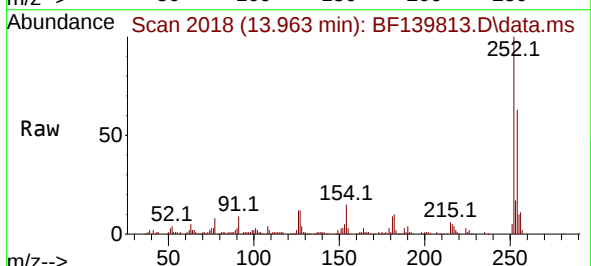
Manual Integrations

APPROVED

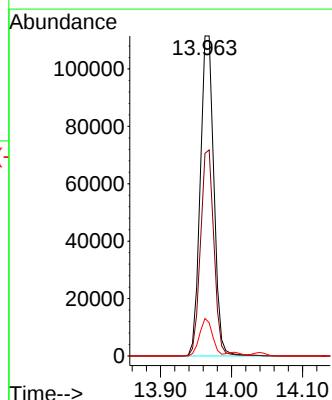
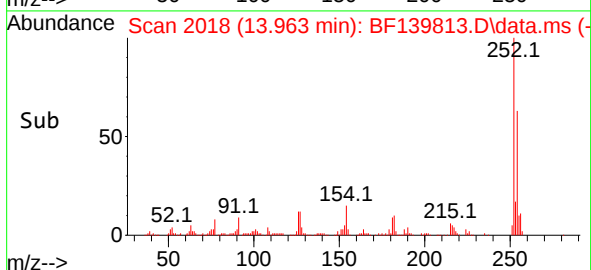
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

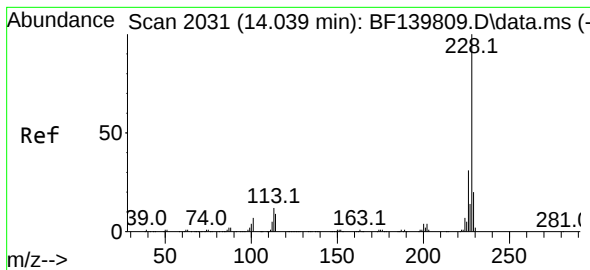


#82
3,3'-Dichlorobenzidine
Concen: 41.659 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:252 Resp: 149262
Ion Ratio Lower Upper
252 100
254 63.3 51.7 77.5
126 11.7 8.2 12.2





#83

Chrysene

Concen: 39.222 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

Tgt Ion:228 Resp: 384428

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

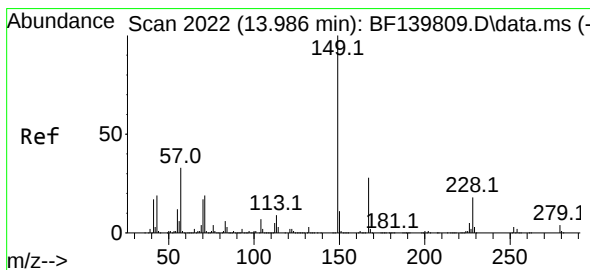
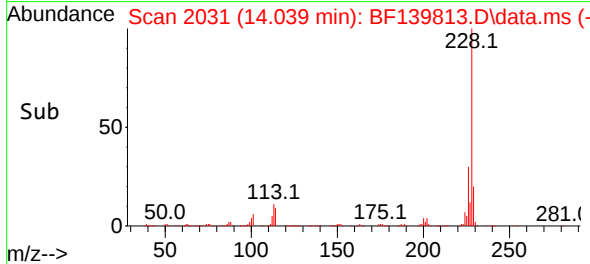
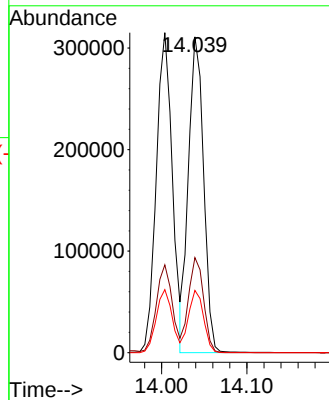
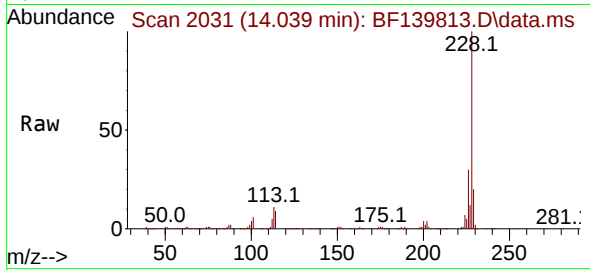
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.601 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

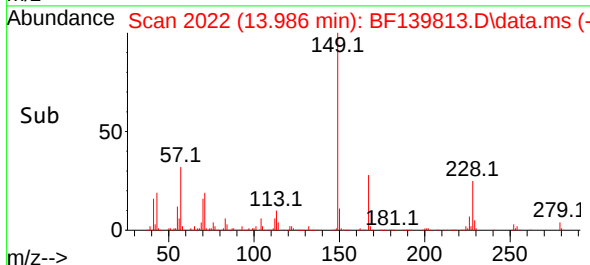
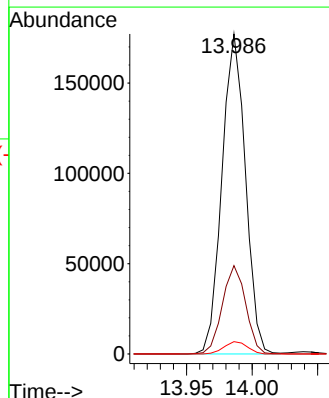
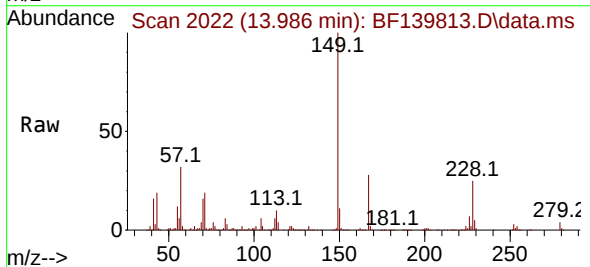
Tgt Ion:149 Resp: 220397

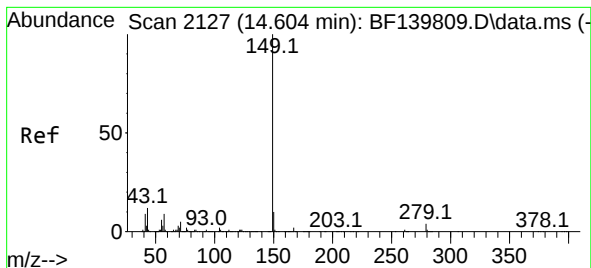
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 3.8 3.3 4.9





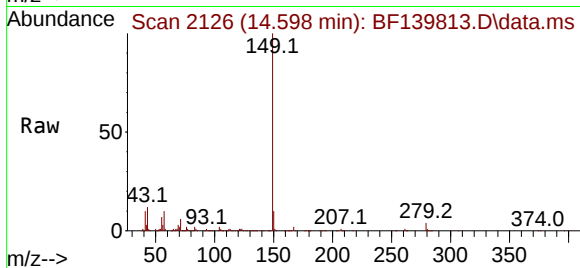
#85
Di-n-octyl phthalate
Concen: 41.841 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

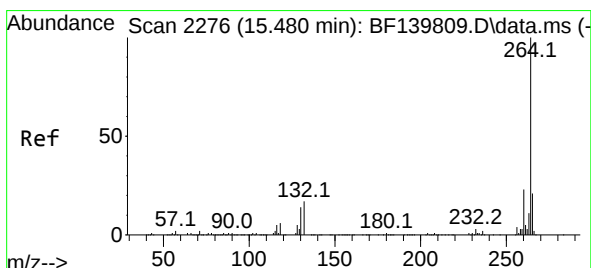
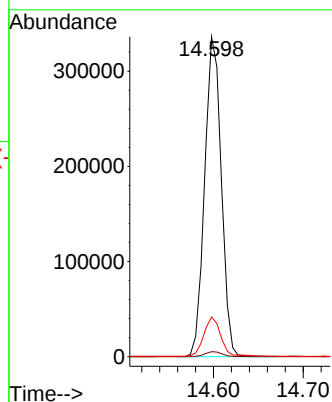
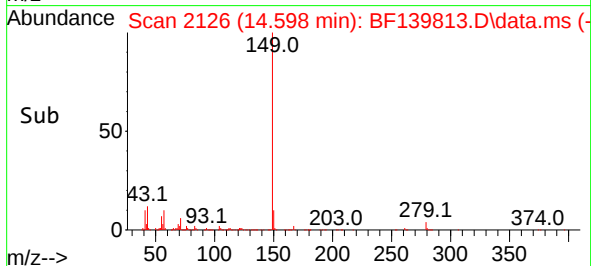


Tgt Ion:149 Resp: 433220
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 10.1 15.1

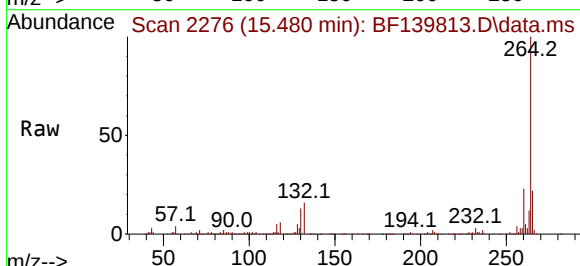
Manual Integrations

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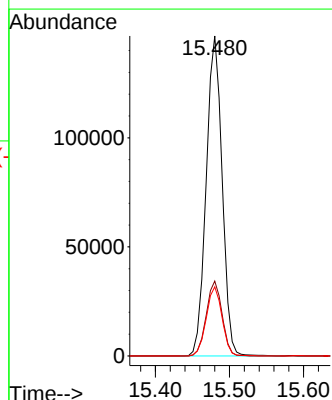
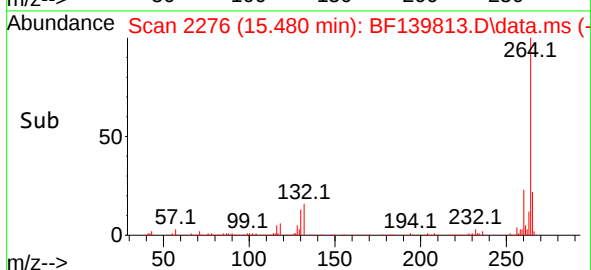
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

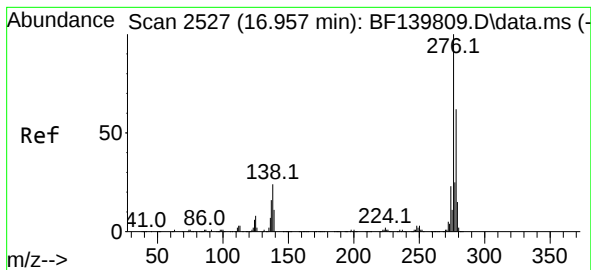


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39



Tgt Ion:264 Resp: 219472
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.498 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

ICVBF101524

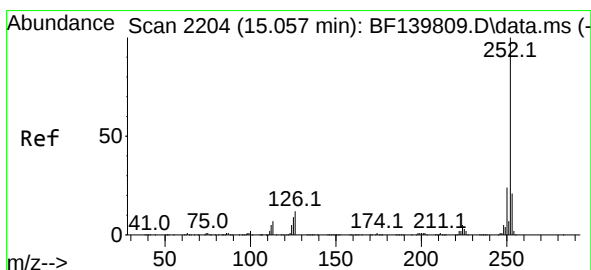
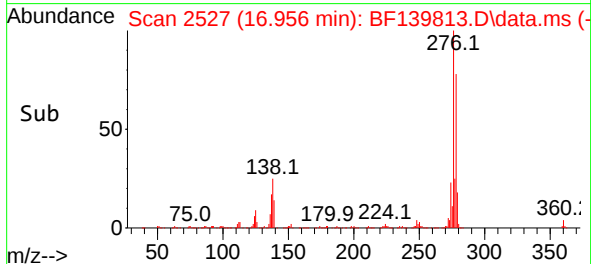
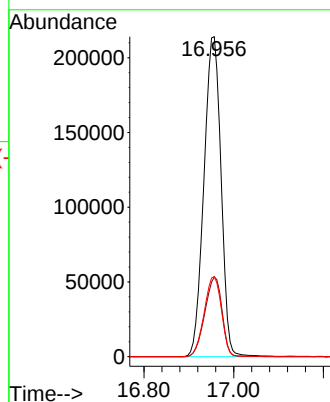
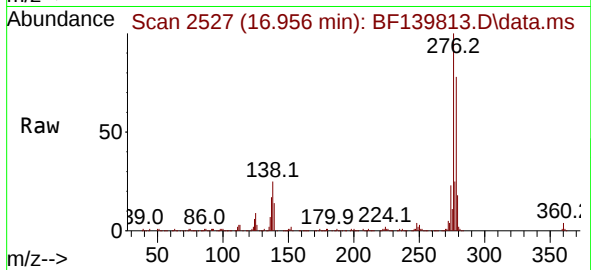
Tgt Ion:276 Resp: 56578
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.0 30.0
 277 25.3 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#88

Benzo(b)fluoranthene

Concen: 40.246 ng

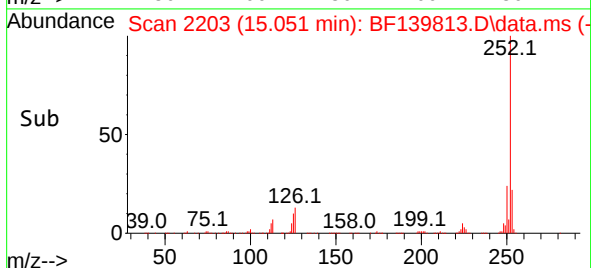
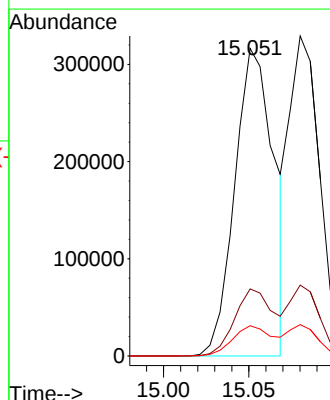
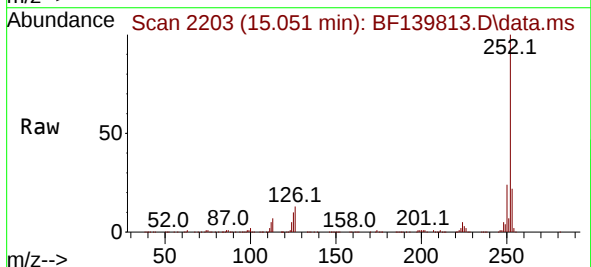
RT: 15.051 min Scan# 2203

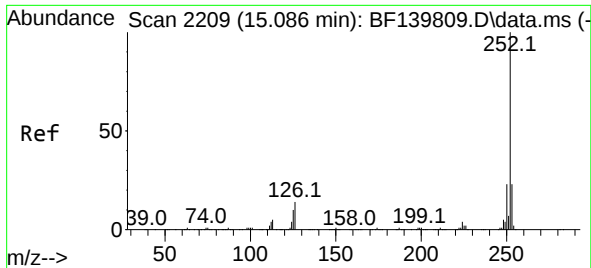
Delta R.T. -0.006 min

Lab File: BF139813.D

Acq: 15 Oct 2024 15:39

Tgt Ion:252 Resp: 506650
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.1 25.7
 125 9.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 36.722 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

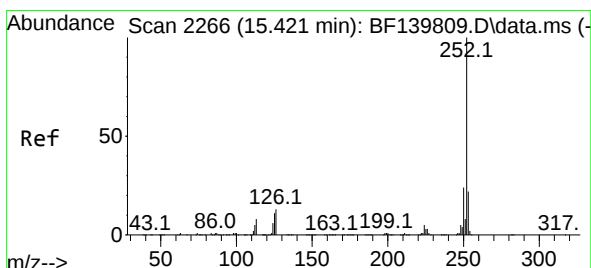
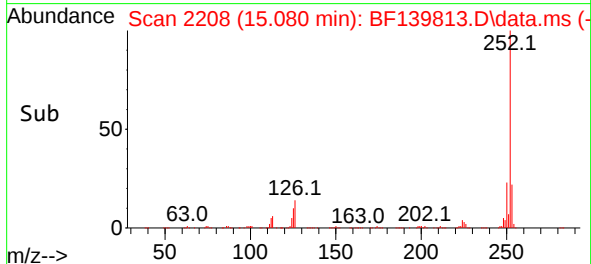
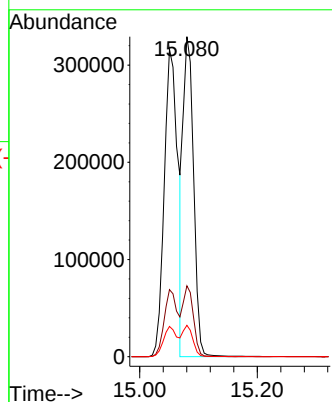
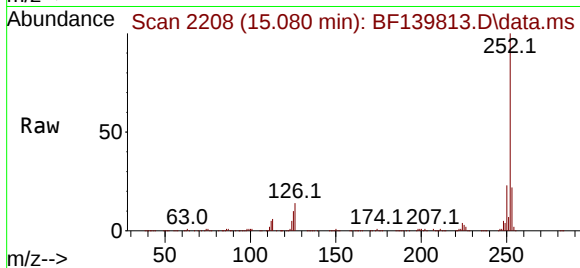
ICVBF101524

Tgt Ion:252 Resp: 410260
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 7.7 11.5

Manual Integrations

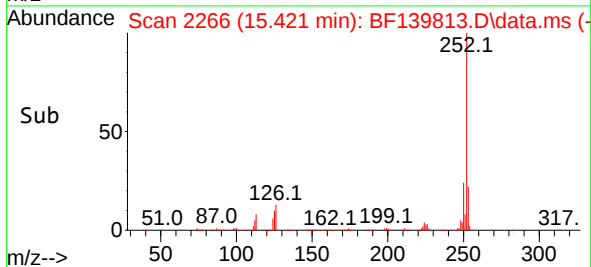
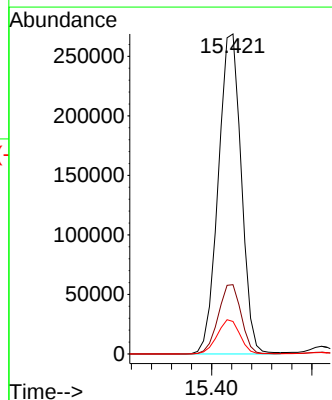
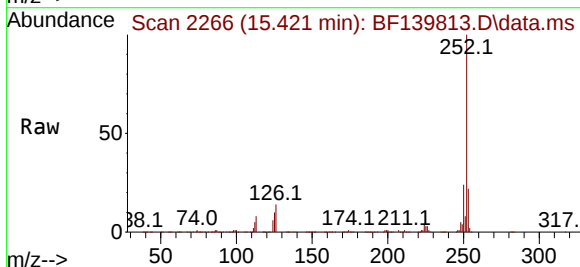
APPROVED

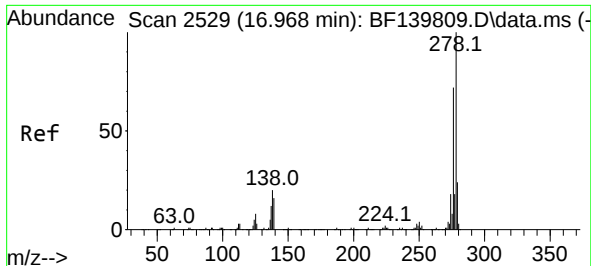
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#90
Benzo(a)pyrene
Concen: 38.898 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:252 Resp: 427716
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 38.461 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Instrument :

BNA_F

ClientSampleId :

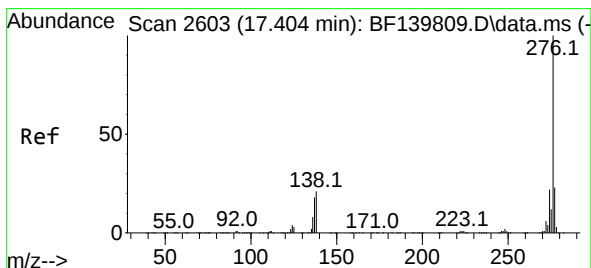
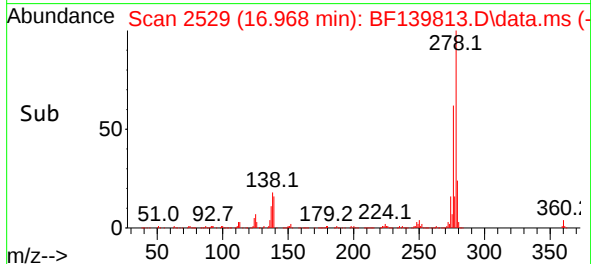
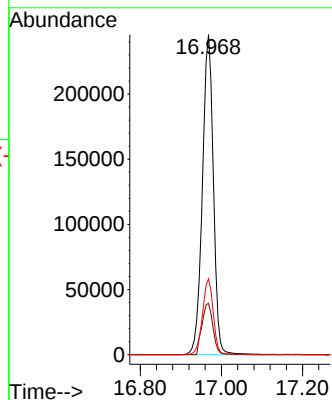
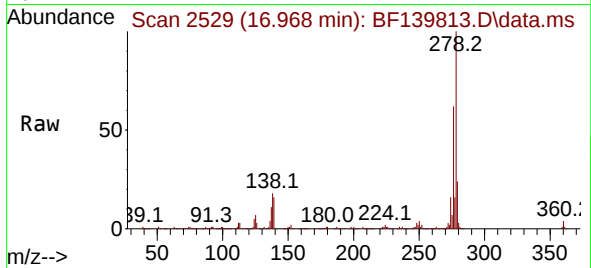
ICVBF101524

Tgt Ion:278 Resp: 463538
Ion Ratio Lower Upper
278 100
139 16.0 13.0 19.4
279 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#92
Benzo(g,h,i)perylene
Concen: 37.880 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF139813.D
Acq: 15 Oct 2024 15:39

Tgt Ion:276 Resp: 478827
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.4
138 22.4 17.0 25.4

