

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140028.D
 Acq On : 25 Oct 2024 10:45
 Operator : RC/JU
 Sample : PB164366BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 11:35:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	126264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	495337	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	272629	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	490973	20.000	ng	0.00
76) Chrysene-d12	14.057	240	273728	20.000	ng	0.00
86) Perylene-d12	15.533	264	251991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	771136	95.610	ng	0.02
7) Phenol-d6	6.516	99	975638	93.397	ng	0.00
23) Nitrobenzene-d5	7.451	82	646822	72.373	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	300046	117.661	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1183441	71.741	ng	0.00
79) Terphenyl-d14	12.998	244	1285839	76.545	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	102275	27.197	ng	98
3) Pyridine	3.528	79	275069	29.510	ng	97
4) n-Nitrosodimethylamine	3.475	42	169833	33.912	ng	92
6) Aniline	6.551	93	312538	32.103	ng	100
8) 2-Chlorophenol	6.675	128	304317	36.908	ng	97
9) Benzaldehyde	6.440	77	62258	10.594	ng	98
10) Phenol	6.528	94	378236m	35.121	ng	
11) bis(2-Chloroethyl)ether	6.622	93	289279	34.753	ng	99
12) 1,3-Dichlorobenzene	6.834	146	327061	34.555	ng	99
13) 1,4-Dichlorobenzene	6.910	146	332959	35.211	ng	99
14) 1,2-Dichlorobenzene	7.057	146	317179	35.939	ng	100
15) Benzyl Alcohol	7.028	79	285599	37.272	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	458890	32.331	ng	97
17) 2-Methylphenol	7.134	107	250119	35.575	ng	97
18) Hexachloroethane	7.404	117	121250	35.957	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	218541	34.495	ng	97
20) 3+4-Methylphenols	7.287	107	310370	34.513	ng	91
22) Acetophenone	7.298	105	420708	34.676	ng	99
24) Nitrobenzene	7.469	77	335992	34.289	ng	99
25) Isophorone	7.710	82	595189	35.088	ng	99
26) 2-Nitrophenol	7.787	139	156859	42.433	ng	98
27) 2,4-Dimethylphenol	7.822	122	249095	40.411	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	348874	33.946	ng	100
29) 2,4-Dichlorophenol	8.022	162	254577	36.260	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	266650	34.324	ng	99
31) Naphthalene	8.192	128	886119	34.686	ng	100
32) Benzoic acid	7.934	122	183069	34.052	ng	98
33) 4-Chloroaniline	8.240	127	153943	17.672	ng	98
34) Hexachlorobutadiene	8.310	225	178156	36.498	ng	99
35) Caprolactam	8.610	113	79399m	35.567	ng	
36) 4-Chloro-3-methylphenol	8.716	107	282773	36.373	ng	99
37) 2-Methylnaphthalene	8.887	142	561229	35.871	ng	99
38) 1-Methylnaphthalene	8.987	142	522138	34.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	270176	36.733	ng	99
41) Hexachlorocyclopentadiene	9.039	237	368760	144.091	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	196478	37.731	ng	100

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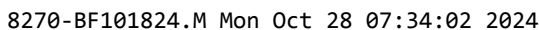
Quant Time: Oct 25 11:35:20 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194385	36.181	ng	98
46) 1,1'-Biphenyl	9.351	154	683328	36.004	ng	99
47) 2-Chloronaphthalene	9.375	162	536095	35.071	ng	98
48) 2-Nitroaniline	9.469	65	187297	40.063	ng	95
49) Acenaphthylene	9.792	152	847649	38.357	ng	99
50) Dimethylphthalate	9.651	163	623499	36.716	ng	100
51) 2,6-Dinitrotoluene	9.710	165	135983	36.984	ng	99
52) Acenaphthene	9.963	154	598776	41.885	ng	99
53) 3-Nitroaniline	9.875	138	98191	25.896	ng	98
54) 2,4-Dinitrophenol	9.986	184	155558	100.047	ng	# 1
55) Dibenzofuran	10.134	168	742059	36.179	ng	99
56) 4-Nitrophenol	10.034	139	237427	81.390	ng	94
57) 2,4-Dinitrotoluene	10.116	165	188001	41.579	ng	100
58) Fluorene	10.481	166	570282	36.504	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166854	39.617	ng	99
60) Diethylphthalate	10.351	149	595247	35.701	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	284395	36.048	ng	98
62) 4-Nitroaniline	10.492	138	142364	39.754	ng	94
63) Azobenzene	10.628	77	610768	34.553	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	104288	52.075	ng	94
66) n-Nitrosodiphenylamine	10.586	169	527725	35.913	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	183195	36.219	ng	98
68) Hexachlorobenzene	11.028	284	208290	36.616	ng	97
69) Atrazine	11.116	200	172219	43.265	ng	100
70) Pentachlorophenol	11.216	266	262174	75.940	ng	99
71) Phenanthrene	11.439	178	854510	36.846	ng	100
72) Anthracene	11.492	178	871594	38.519	ng	100
73) Carbazole	11.645	167	771397	36.656	ng	99
74) Di-n-butylphthalate	11.975	149	883576	36.342	ng	100
75) Fluoranthene	12.627	202	890172	37.969	ng	98
77) Benzidine	12.745	184	211693	47.032	ng	99
78) Pyrene	12.857	202	901247	37.614	ng	100
80) Butylbenzylphthalate	13.474	149	297810	41.458	ng	98
81) Benzo(a)anthracene	14.045	228	666018	37.377	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	137570	26.479	ng	99
83) Chrysene	14.080	228	615429	37.669	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	324418	40.254	ng	100
85) Di-n-octyl phthalate	14.645	149	472941	32.263	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	633841	39.099	ng	96
88) Benzo(b)fluoranthene	15.098	252	602382	39.243	ng	99
89) Benzo(k)fluoranthene	15.127	252	461270	34.844	ng	99
90) Benzo(a)pyrene	15.468	252	508337	40.246	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	508943	37.633	ng	98
92) Benzo(g,h,i)perylene	17.486	276	489824	36.260	ng	97

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

Manual Integrations

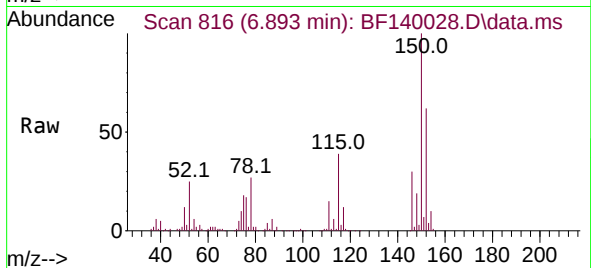
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

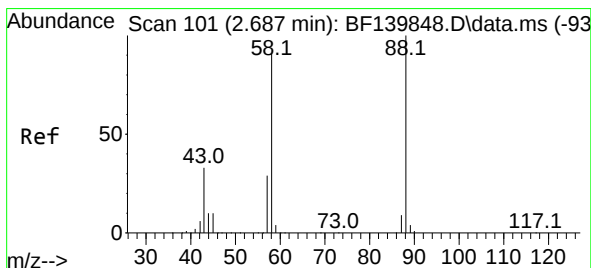
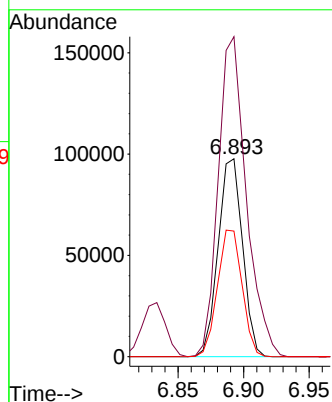
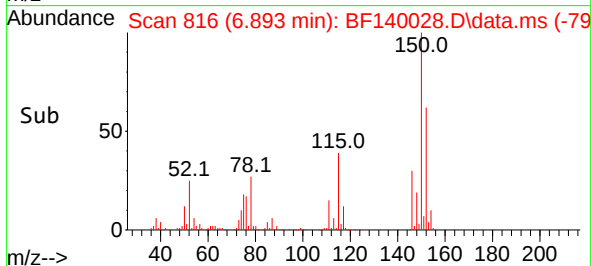
Instrument :
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PB164366BS



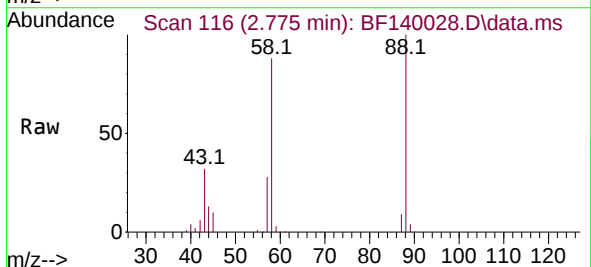
Tgt Ion:152 Resp: 126264
Ion Ratio Lower Upper
152 100
150 161.6 130.2 195.2
115 63.4 51.4 77.2

Manual Integrations
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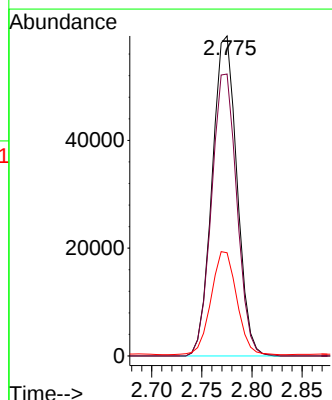
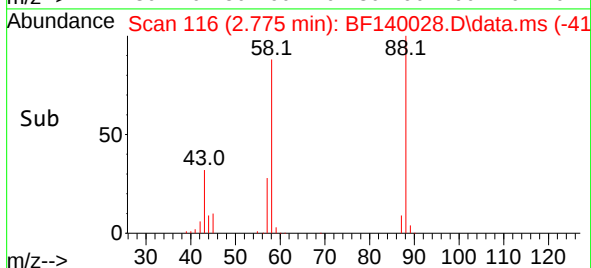
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 27.197 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



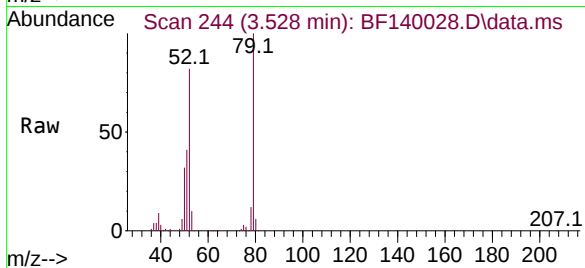
Tgt Ion: 88 Resp: 102275
Ion Ratio Lower Upper
88 100
58 89.8 73.3 109.9
43 33.3 27.1 40.7





#3
Pyridine
Concen: 29.510 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.083 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

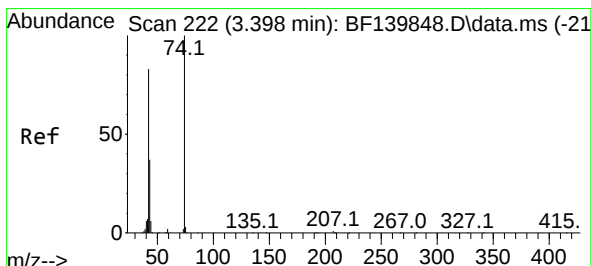
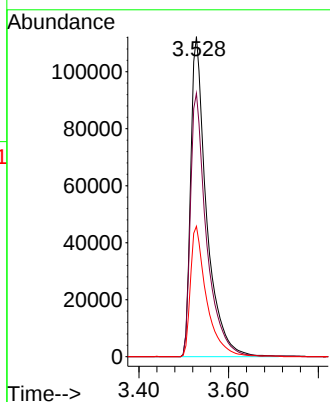
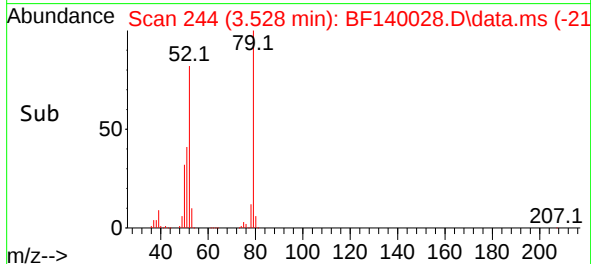
Instrument :
BNA_F
ClientSampleId :
PB164366BS



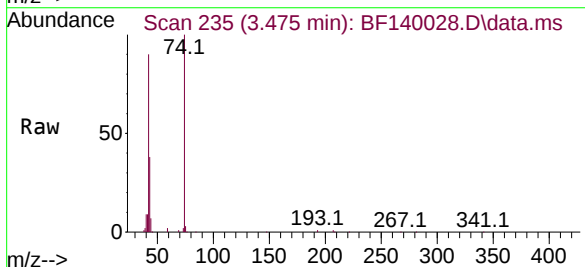
Tgt Ion: 79 Resp: 275069
Ion Ratio Lower Upper
79 100
52 82.3 68.5 102.7
51 40.7 32.3 48.5

Manual Integrations
APPROVED

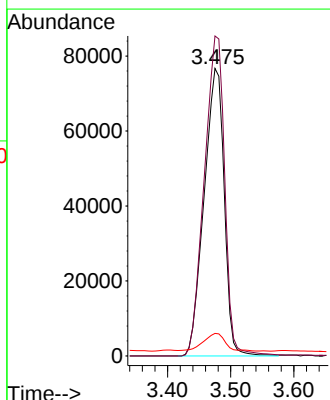
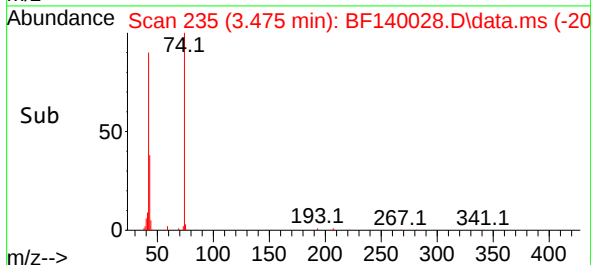
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

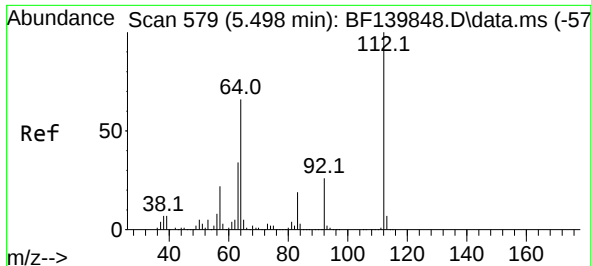


#4
n-Nitrosodimethylamine
Concen: 33.912 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.077 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion: 42 Resp: 169833
Ion Ratio Lower Upper
42 100
74 111.3 96.2 144.4
44 7.8 6.2 9.2





#5
2-Fluorophenol
Concen: 95.610 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

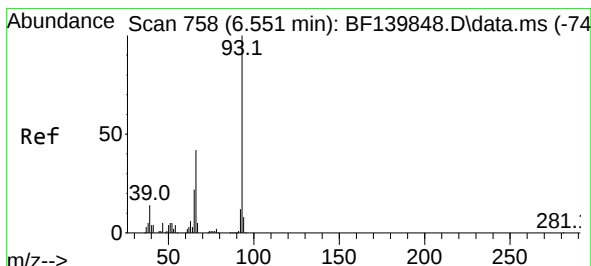
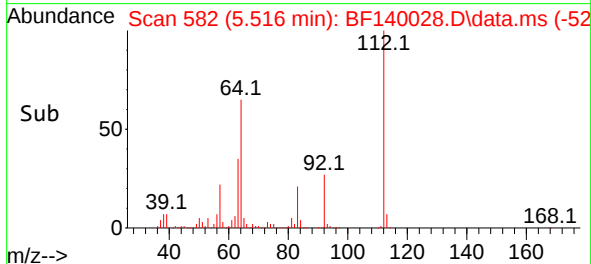
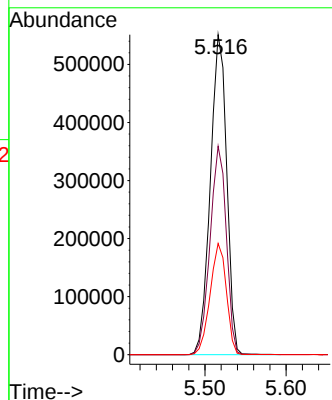
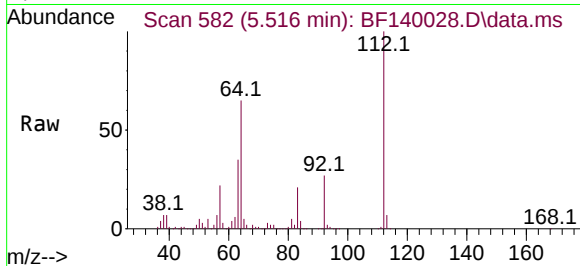
ClientSampleId :

PB164366BS

Tgt Ion: 112 Resp: 771130
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 34.7 27.0 40.4

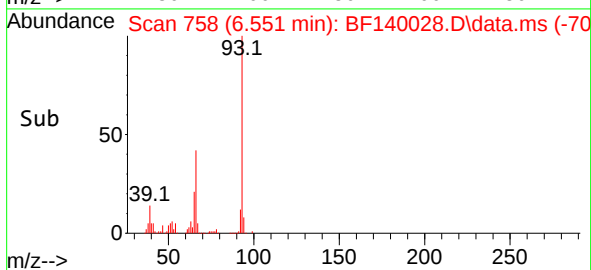
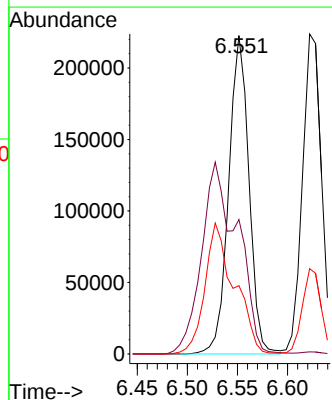
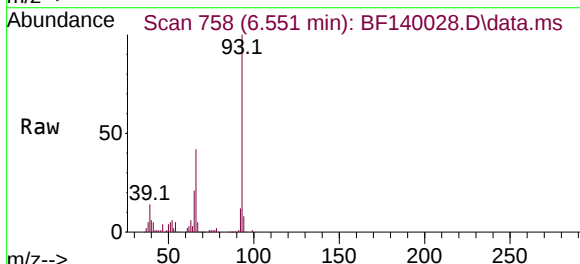
Manual Integrations
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Supervised By :mohammad ahmed 10/28/2024



#6
Aniline
Concen: 32.103 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion: 93 Resp: 312538
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.4 17.4 26.0





#7

Phenol-d6

Concen: 93.397 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion: 99 Resp: 97563

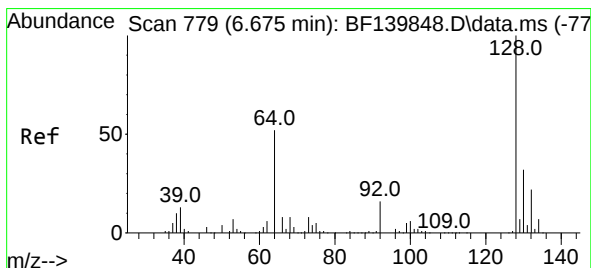
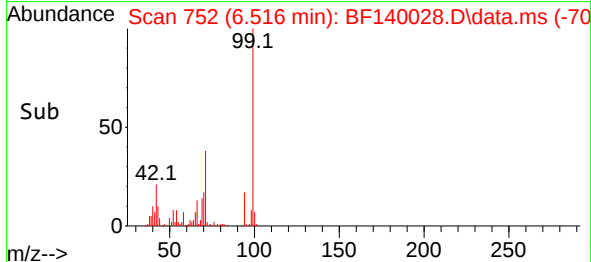
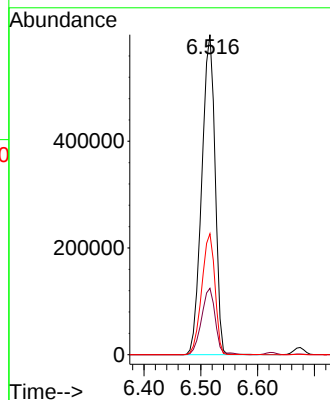
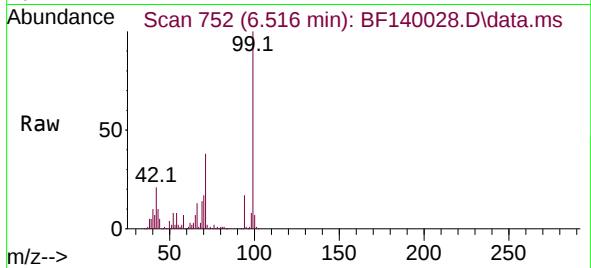
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.7	25.1
71	37.8	27.7	41.5

Manual Integrations

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Supervised By :mohammad ahmed 10/28/2024



#8

2-Chlorophenol

Concen: 36.908 ng

RT: 6.675 min Scan# 779

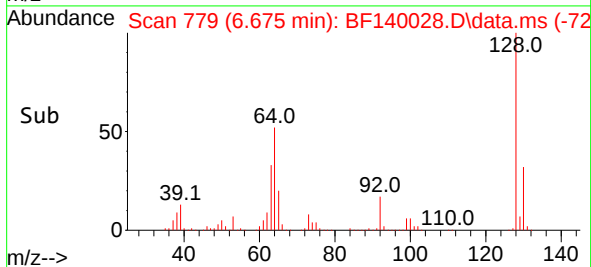
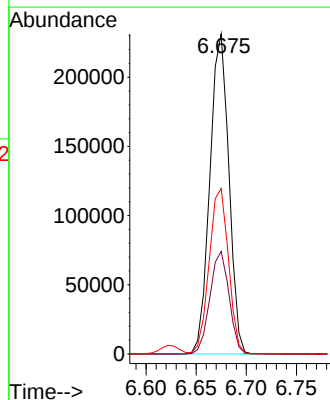
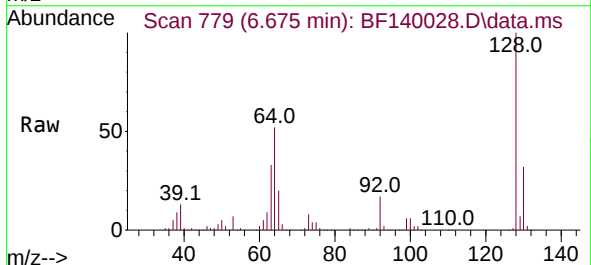
Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Tgt Ion:128 Resp: 304317

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.3	52.3
64	51.7	34.6	74.6





#9
Benzaldehyde
Concen: 10.594 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

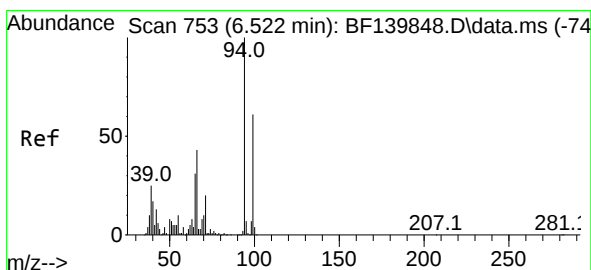
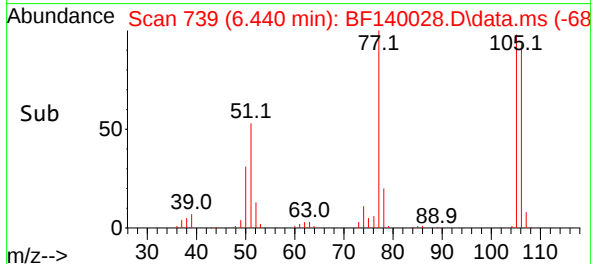
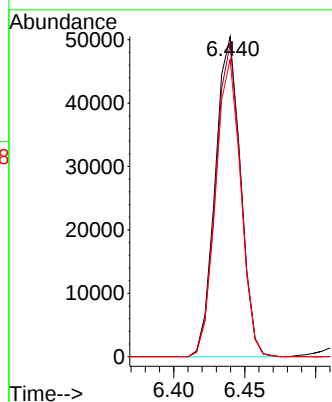
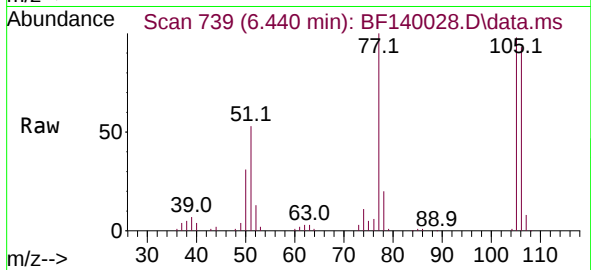
PB164366BS

Tgt Ion: 77 Resp: 62258
Ion Ratio Lower Upper
77 100
105 97.6 75.5 115.5
106 92.9 71.7 111.7

Manual Integrations

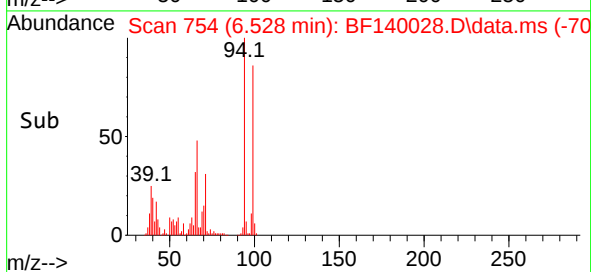
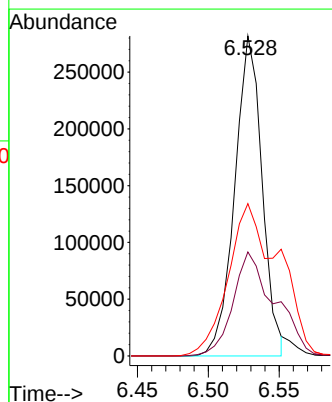
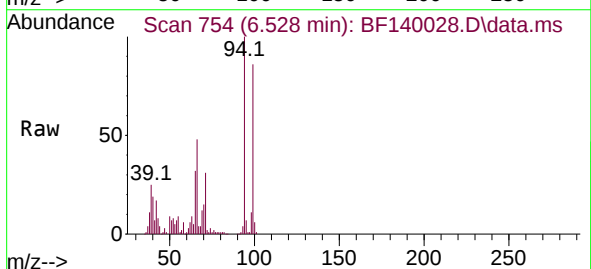
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Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 35.121 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion: 94 Resp: 378236
Ion Ratio Lower Upper
94 100
65 32.5 11.1 51.1
66 47.6 22.7 62.7





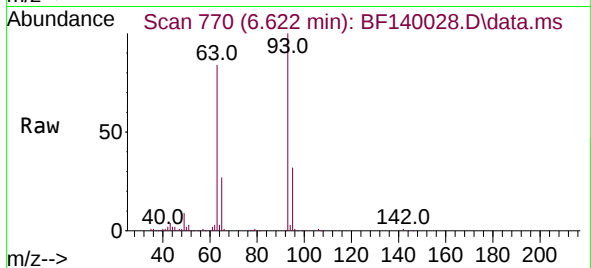
#11
bis(2-Chloroethyl)ether
Concen: 34.753 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

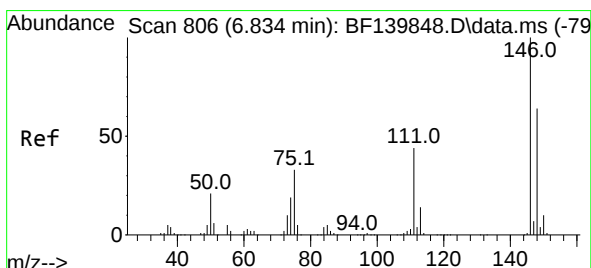
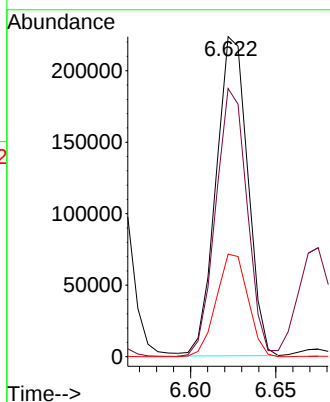
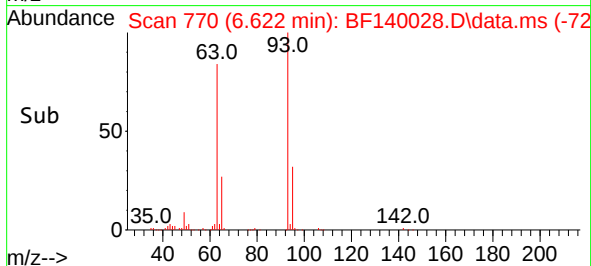


Tgt Ion: 93 Resp: 289279
Ion Ratio Lower Upper
93 100
63 83.8 65.0 105.0
95 32.0 12.4 52.4

Manual Integrations

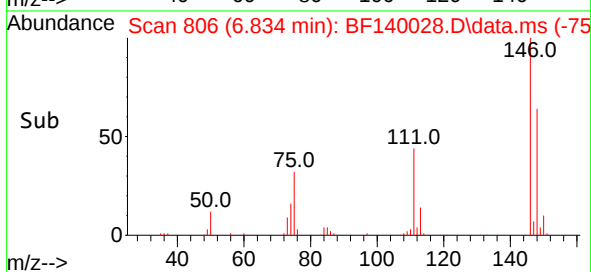
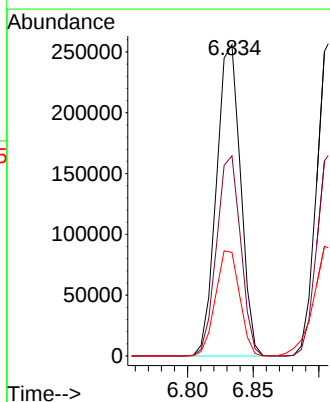
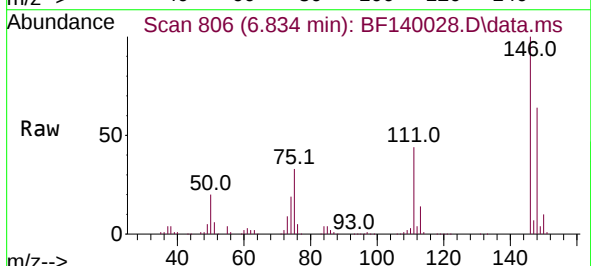
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#12
1,3-Dichlorobenzene
Concen: 34.555 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:146 Resp: 327061
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 33.3 26.4 39.6





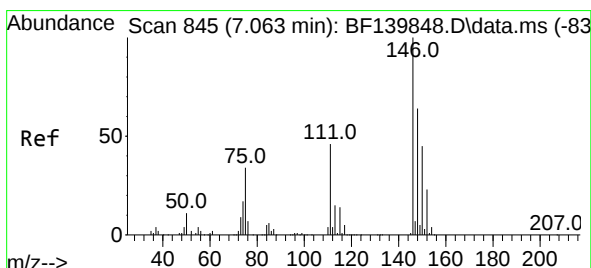
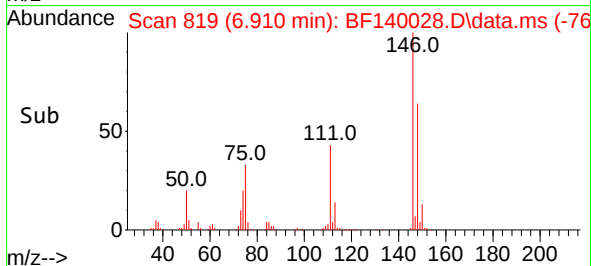
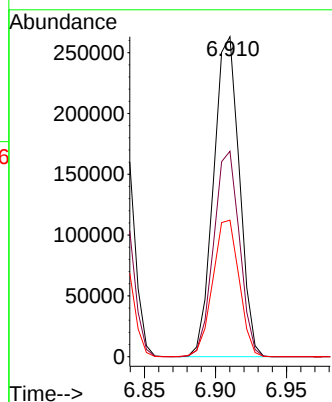
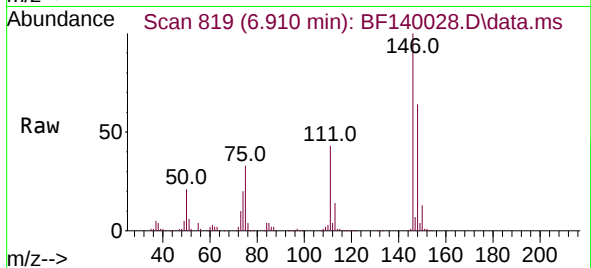
#13
1,4-Dichlorobenzene
Concen: 35.211 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB164366BS

Tgt Ion:146 Resp: 332959
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.7 34.6 51.8

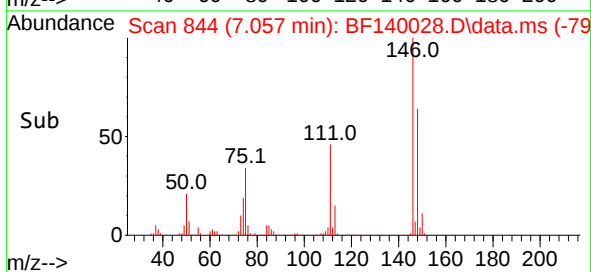
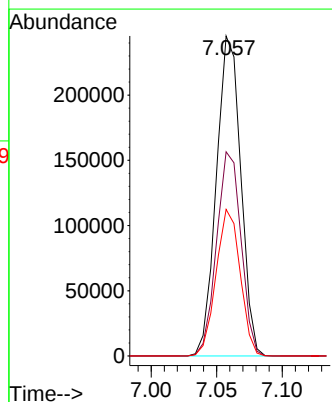
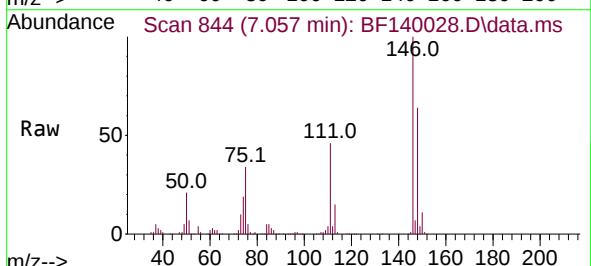
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 35.939 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

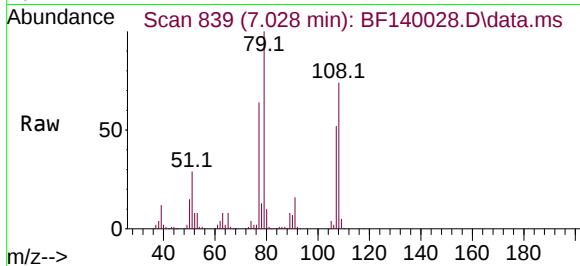
Tgt Ion:146 Resp: 317179
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 45.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 37.272 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

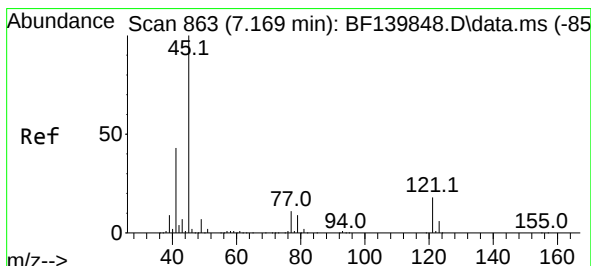
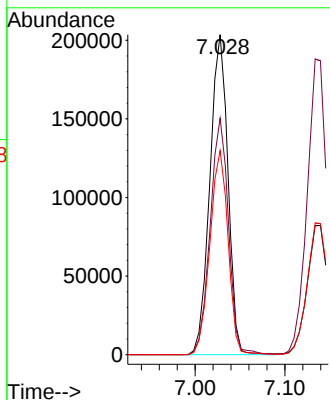
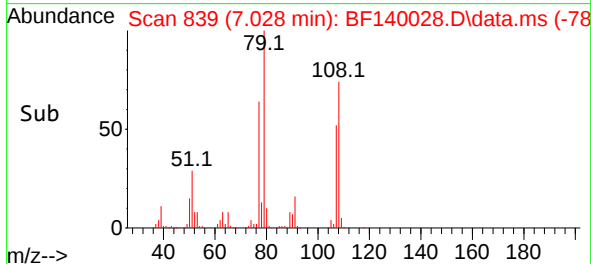
Instrument :
BNA_F
ClientSampleId :
PB164366BS



Tgt Ion: 79 Resp: 285599
Ion Ratio Lower Upper
79 100
108 73.9 61.4 92.0
77 63.8 49.9 74.9

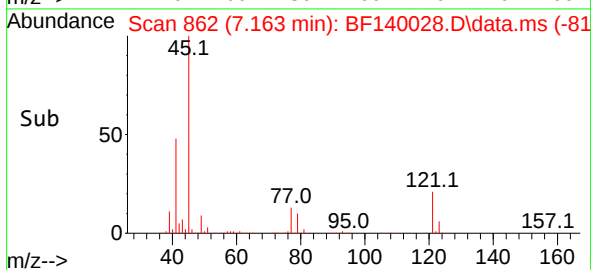
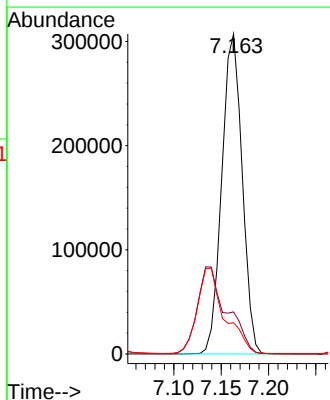
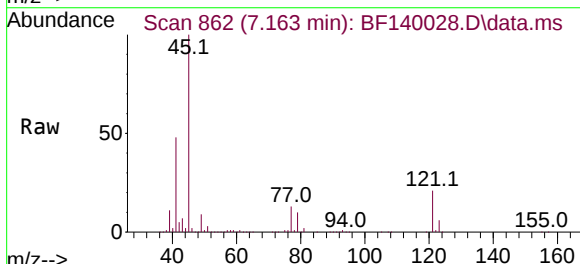
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.331 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion: 45 Resp: 458890
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 9.8 0.0 29.1





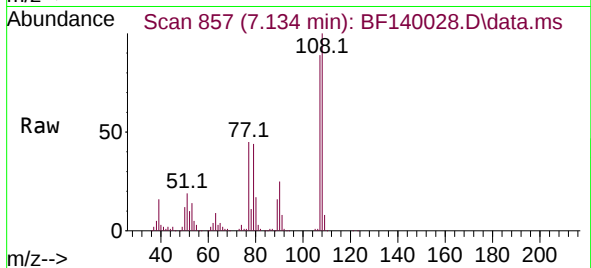
#17
2-Methylphenol
Concen: 35.575 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

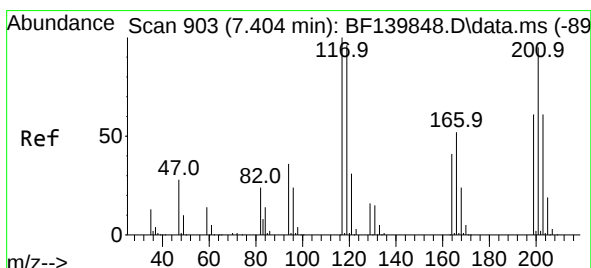
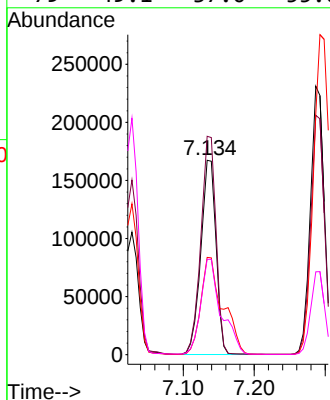
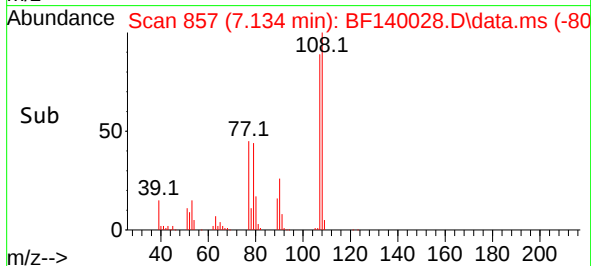


Tgt Ion:107 Resp: 250119
Ion Ratio Lower Upper
107 100
108 112.4 91.3 136.9
77 50.0 37.1 55.7
79 49.1 37.0 55.6

Manual Integrations

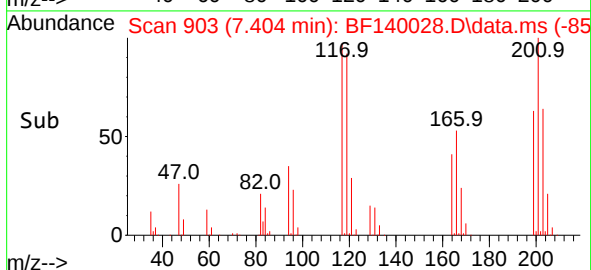
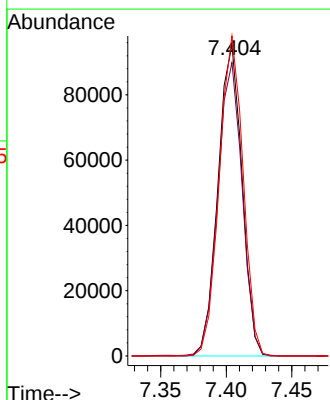
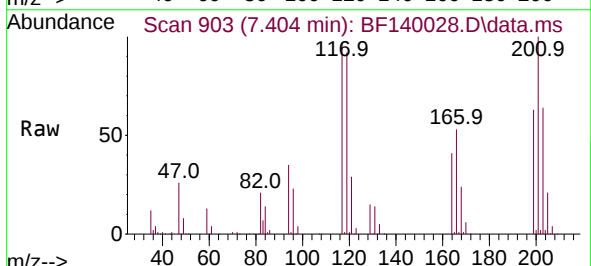
APPROVED

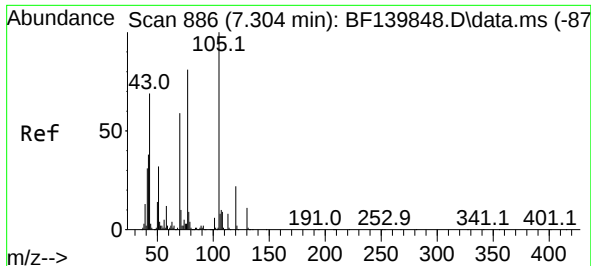
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#18
Hexachloroethane
Concen: 35.957 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:117 Resp: 121250
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.4
201 102.9 76.2 114.4





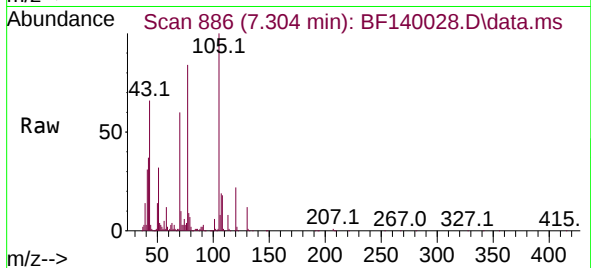
#19
n-Nitroso-di-n-propylamine
Concen: 34.495 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



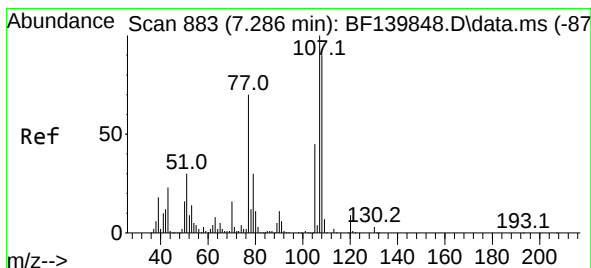
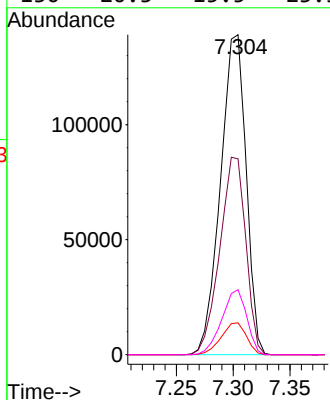
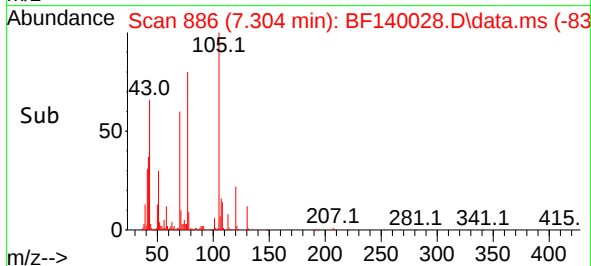
Tgt Ion: 70 Resp: 21854
Ion Ratio Lower Upper
70 100
42 61.2 51.5 77.3
101 10.0 7.5 11.3
130 20.3 15.5 23.3

Manual Integrations

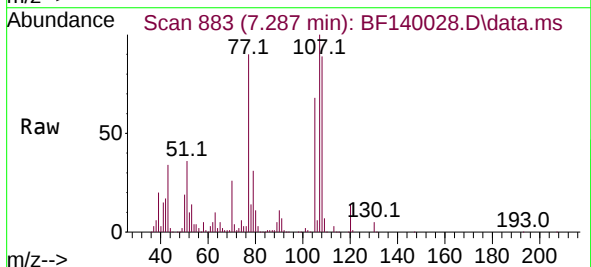
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

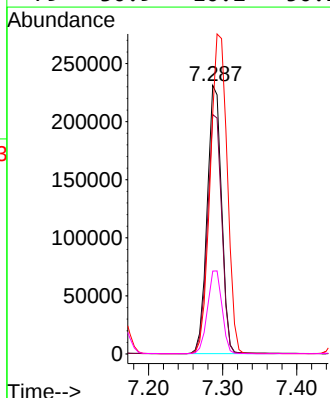
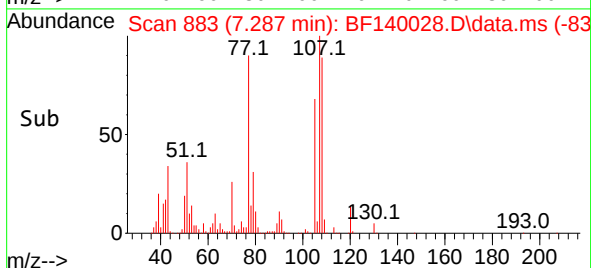
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 34.513 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:107 Resp: 310370
Ion Ratio Lower Upper
107 100
108 89.2 69.8 109.8
77 89.8 50.5 90.5
79 30.9 10.2 50.2





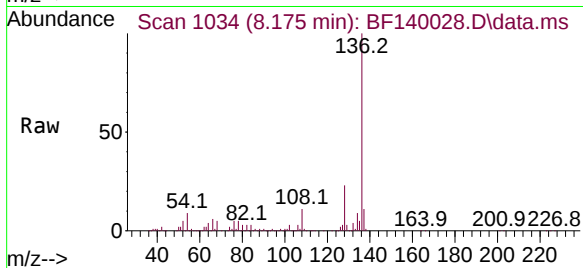
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

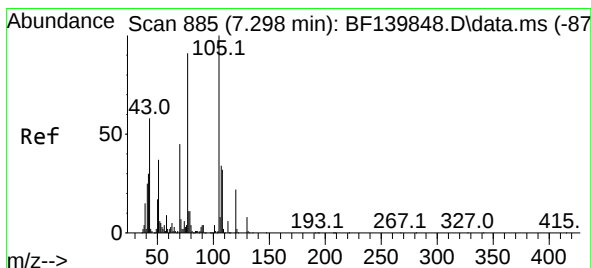
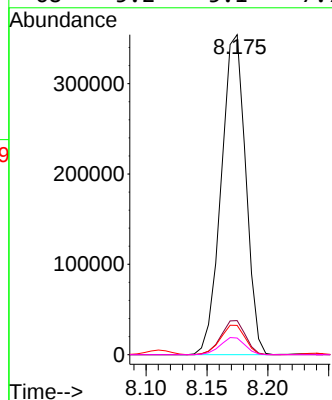
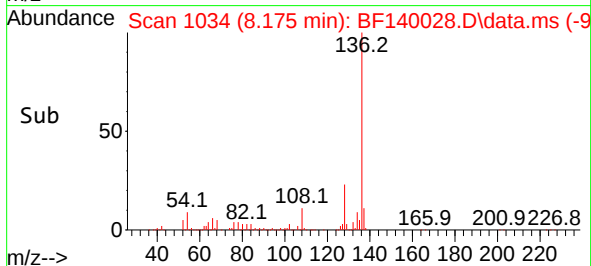


Tgt Ion:136 Resp: 49533
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.1 8.4 12.6
68 5.2 5.1 7.7

Manual Integrations

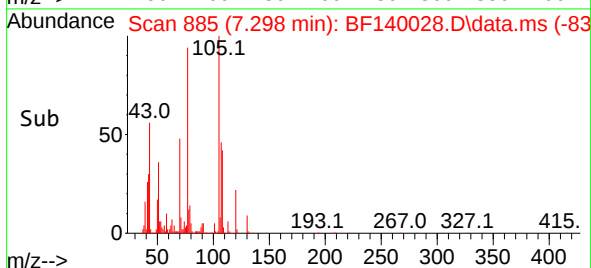
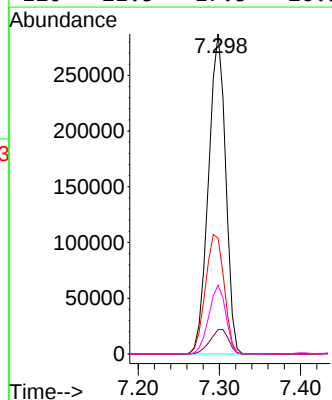
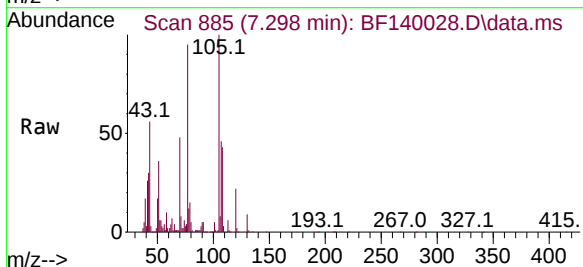
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 34.676 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:105 Resp: 420708
Ion Ratio Lower Upper
105 100
71 7.6 5.9 8.9
51 36.1 29.4 44.2
120 21.5 17.5 26.3





#23
Nitrobenzene-d5
Concen: 72.373 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

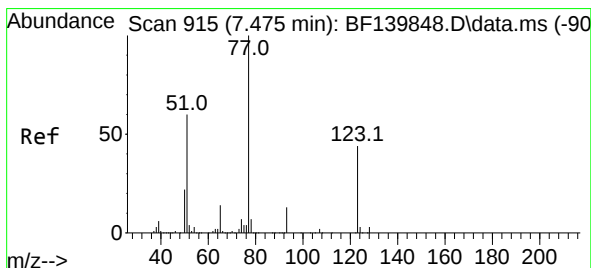
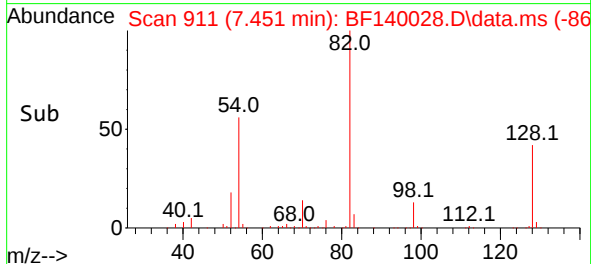
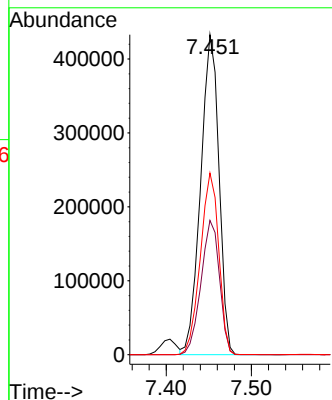
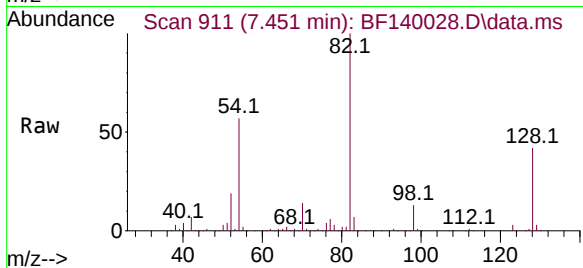
PB164366BS

Tgt Ion: 82 Resp: 64682
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 56.8 47.8 71.8

Manual Integrations

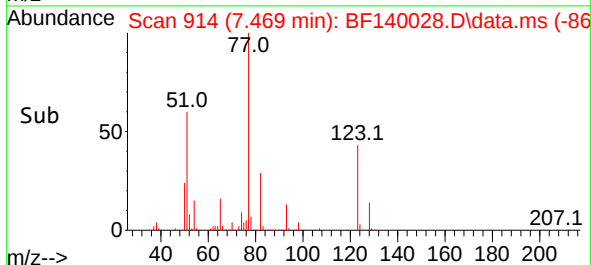
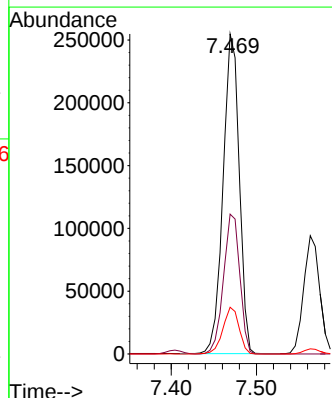
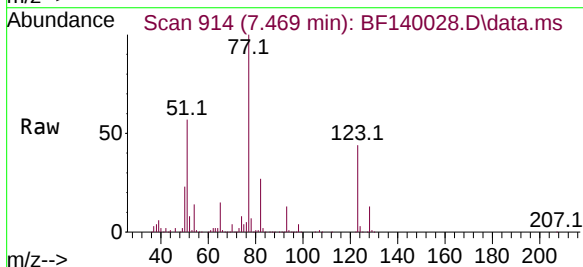
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#24
Nitrobenzene
Concen: 34.289 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion: 77 Resp: 335992
Ion Ratio Lower Upper
77 100
123 43.7 35.7 53.5
65 14.6 11.5 17.3





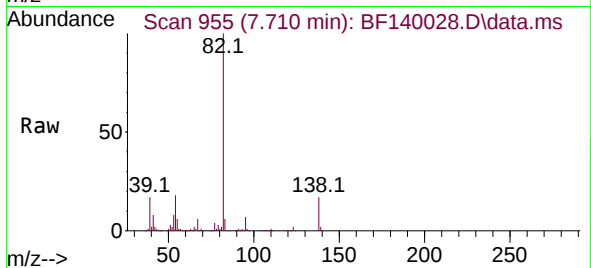
#25
Isophorone
Concen: 35.088 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



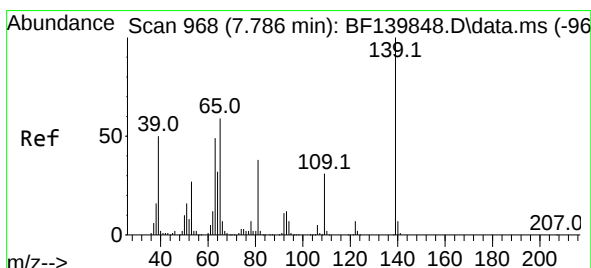
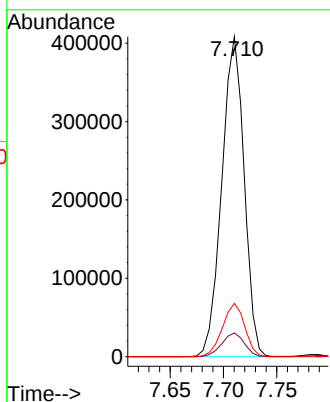
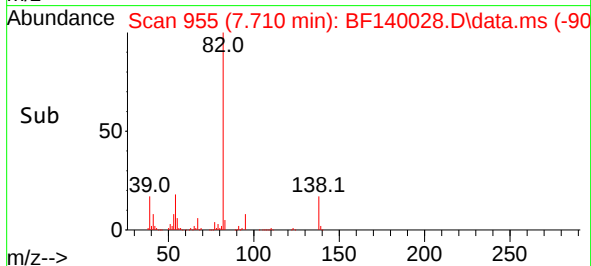
Tgt Ion: 82 Resp: 595189
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.6 13.2 19.8

Manual Integrations

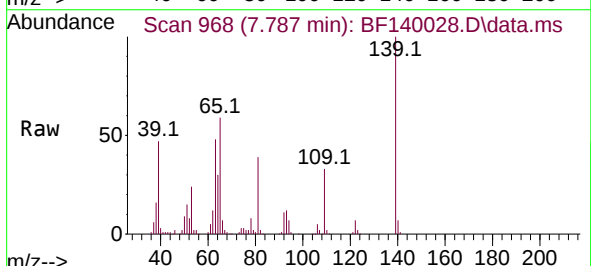
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

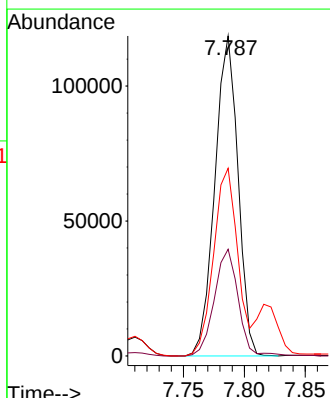
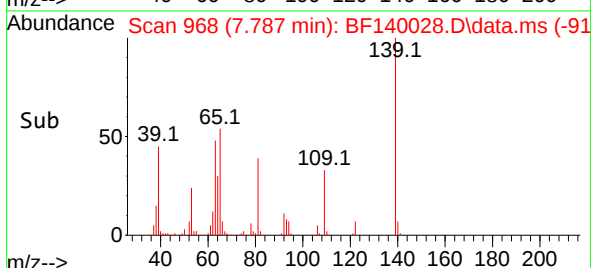
Supervised By :mohammad ahmed 10/28/2024



#26
2-Nitrophenol
Concen: 42.433 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:139 Resp: 156859
Ion Ratio Lower Upper
139 100
109 33.4 25.1 37.7
65 58.6 47.5 71.3





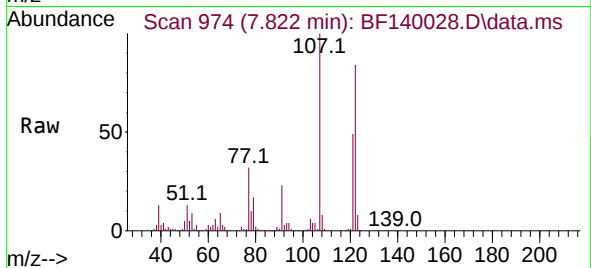
#27
2,4-Dimethylphenol
Concen: 40.411 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



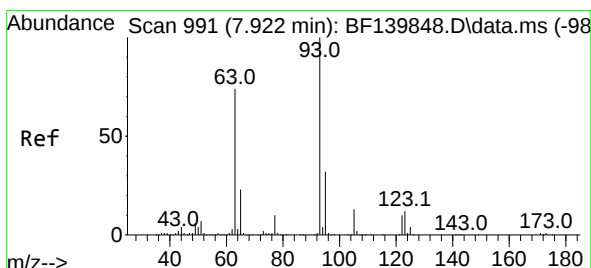
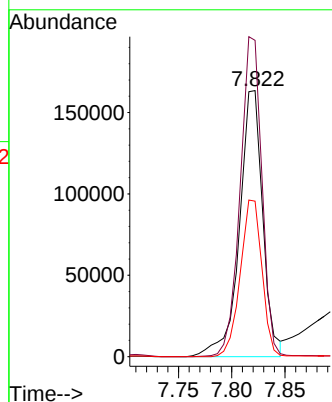
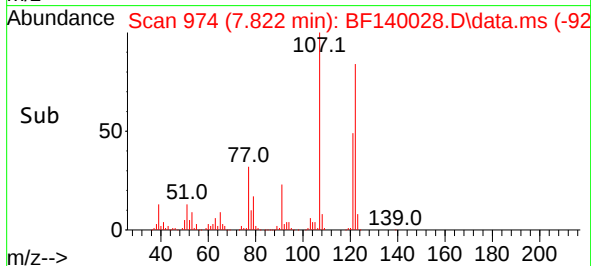
Tgt Ion:122 Resp: 249095
Ion Ratio Lower Upper
122 100
107 118.9 91.9 137.9
121 58.4 46.2 69.4

Manual Integrations

APPROVED

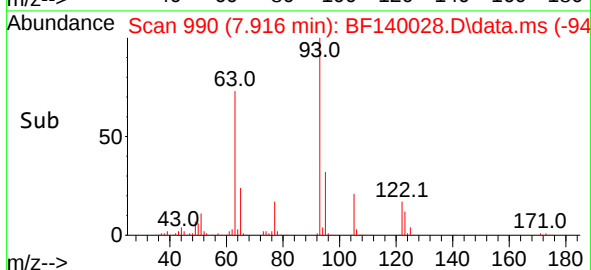
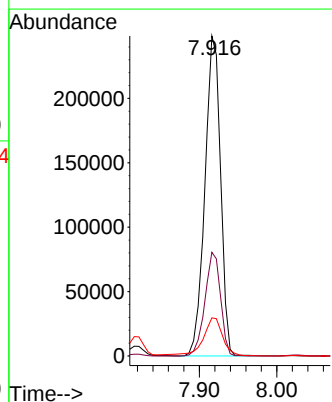
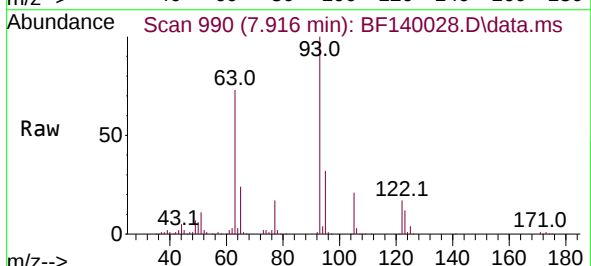
Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 33.946 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion: 93 Resp: 348874
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 36.260 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

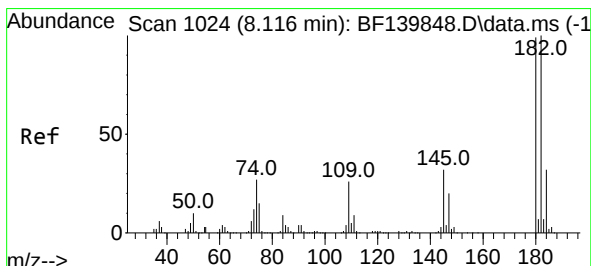
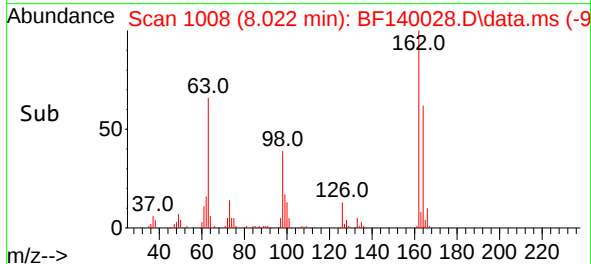
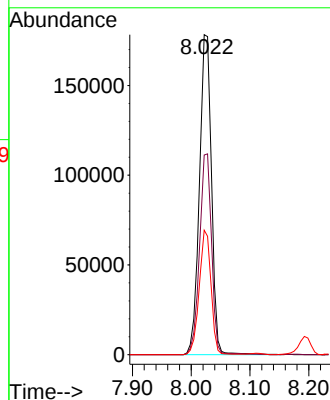
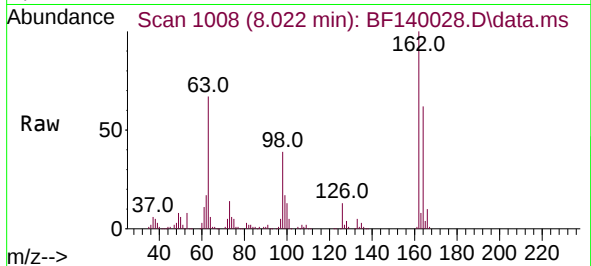
Tgt Ion:162	Resp:	25457
Ion Ratio	Lower	Upper
162	100	
164	62.4	43.9 83.9
98	38.9	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 34.324 ng

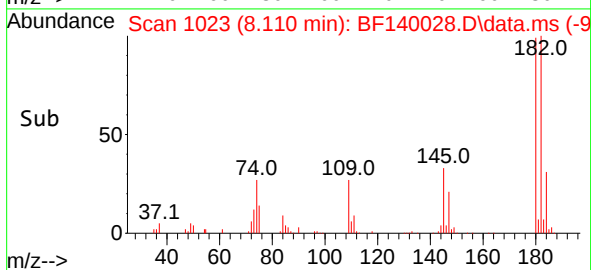
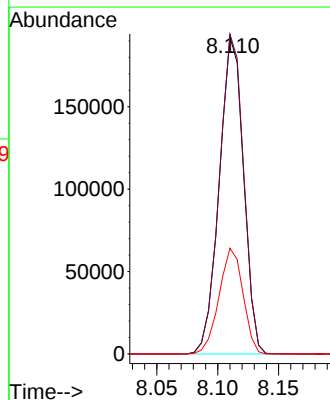
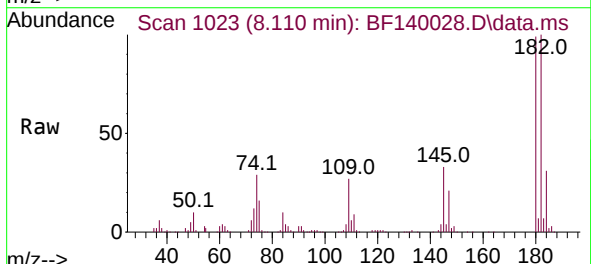
RT: 8.110 min Scan# 1023

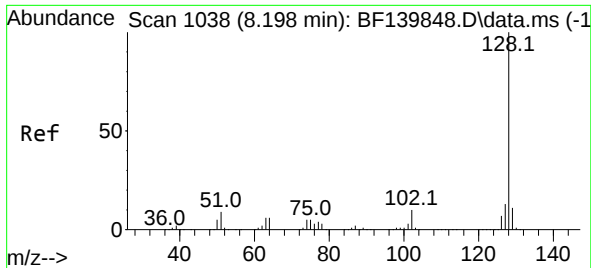
Delta R.T. -0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Tgt Ion:180	Resp:	266650
Ion Ratio	Lower	Upper
180	100	
182	100.9	80.5 120.7
145	33.4	25.4 38.0





#31
Naphthalene
Concen: 34.686 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

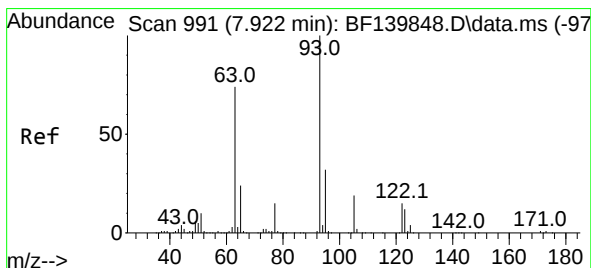
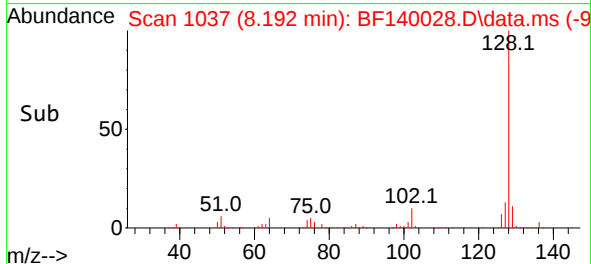
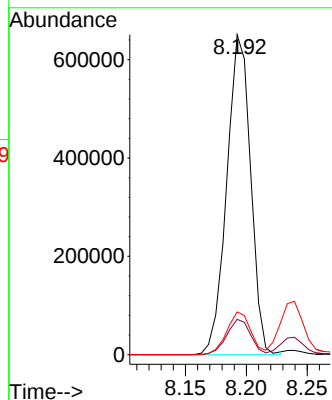
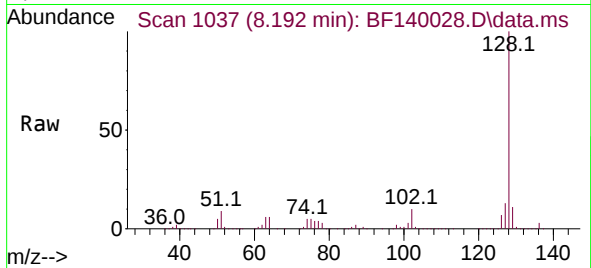
PB164366BS

Tgt Ion:128 Resp: 886119
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0

Manual Integrations

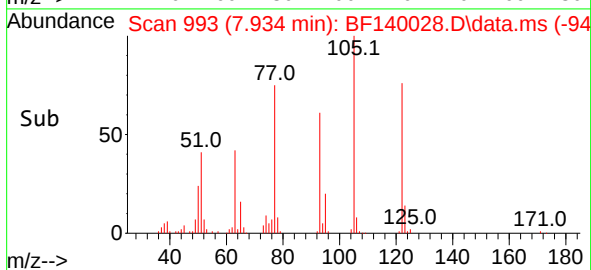
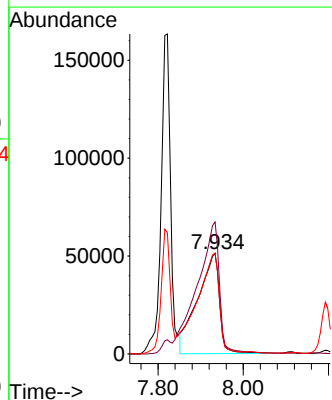
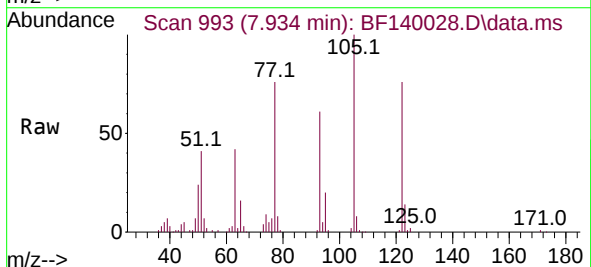
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#32
Benzoic acid
Concen: 34.052 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:122 Resp: 183069
Ion Ratio Lower Upper
122 100
105 131.3 107.6 147.6
77 100.4 80.2 120.2





#33
4-Chloroaniline
Concen: 17.672 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

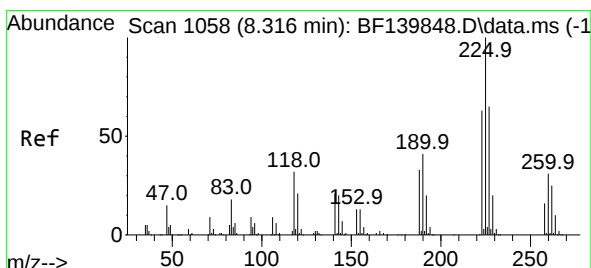
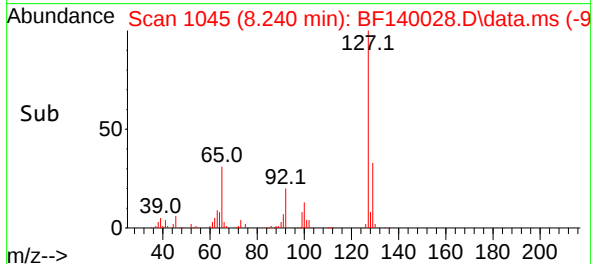
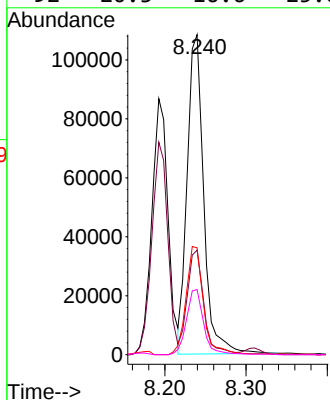
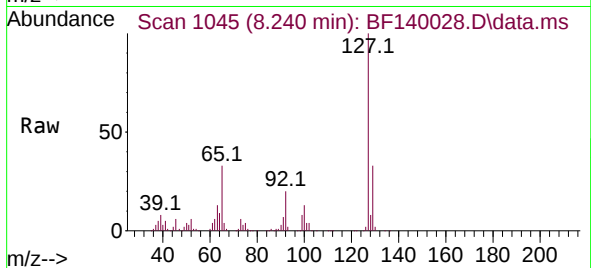
PB164366BS

Tgt Ion:	127	Resp:	15394
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.4	38.2
65	33.4	28.4	42.6
92	20.3	16.6	25.0

Manual Integrations

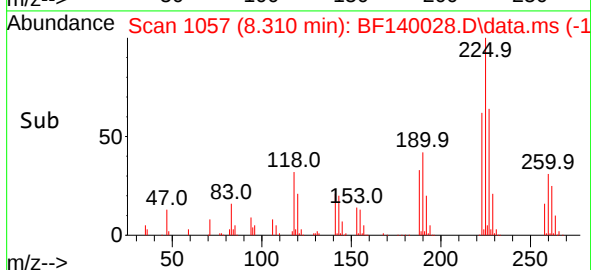
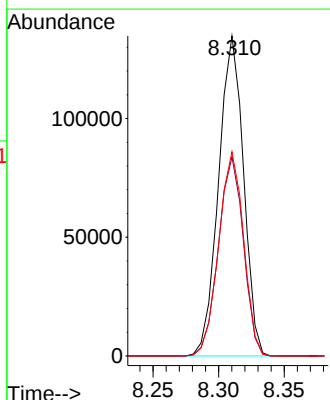
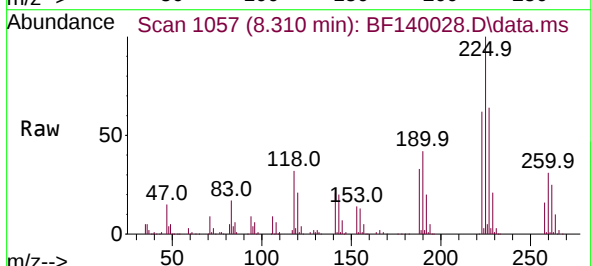
APPROVED

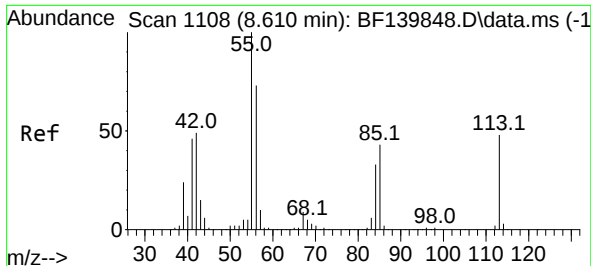
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 36.498 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:	225	Resp:	178156
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.6	76.0
227	63.8	51.8	77.8





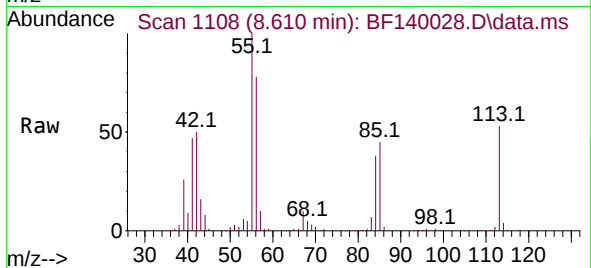
#35
Caprolactam
Concen: 35.567 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

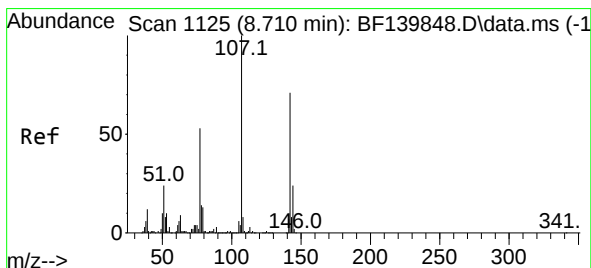
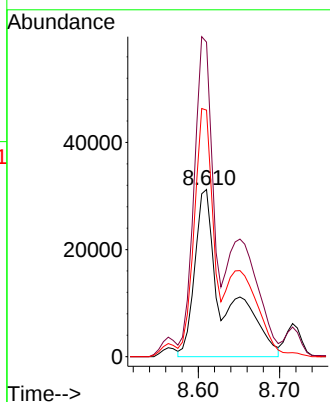
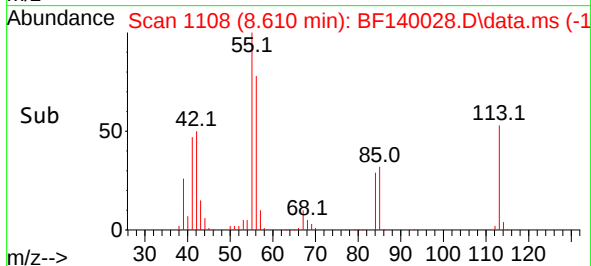


Tgt Ion:113 Resp: 79399
Ion Ratio Lower Upper
113 100
55 188.1 189.2 229.2
56 147.5 132.5 172.5

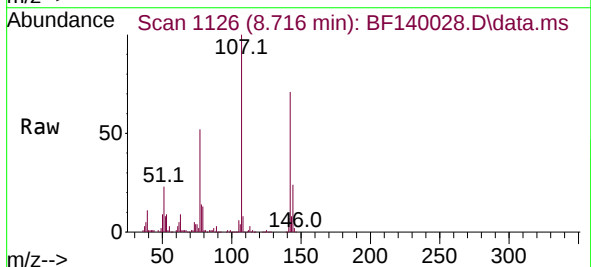
Manual Integrations

APPROVED

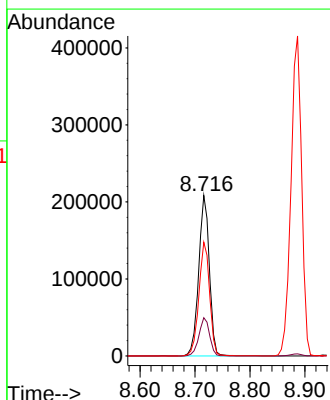
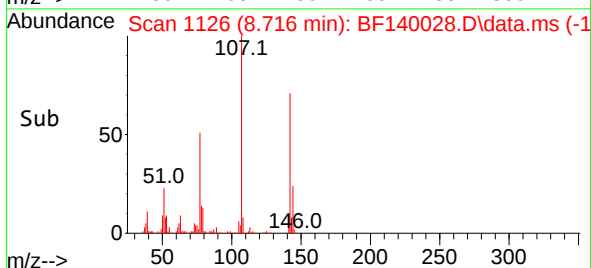
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

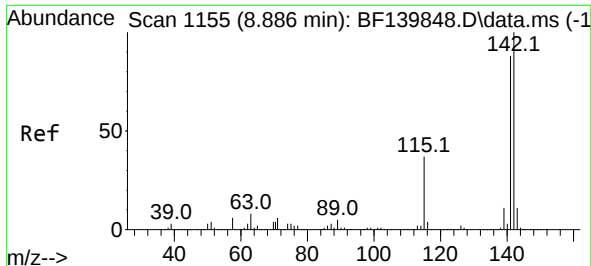


#36
4-Chloro-3-methylphenol
Concen: 36.373 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:107 Resp: 282773
Ion Ratio Lower Upper
107 100
144 23.8 19.1 28.7
142 70.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 35.871 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion:142 Resp: 561229

Ion Ratio Lower Upper

142 100

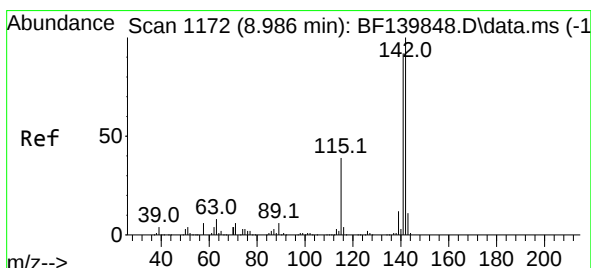
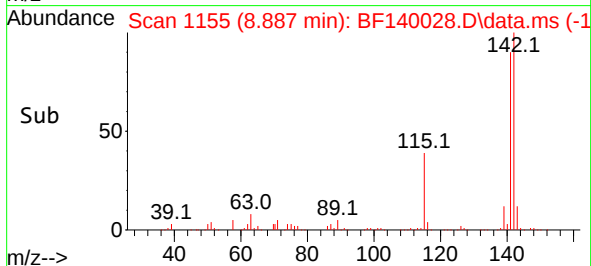
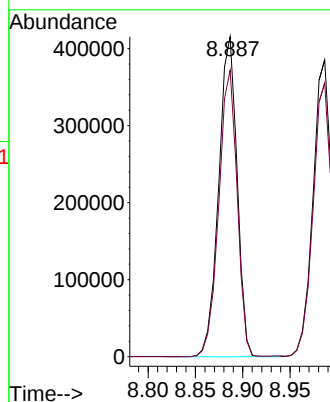
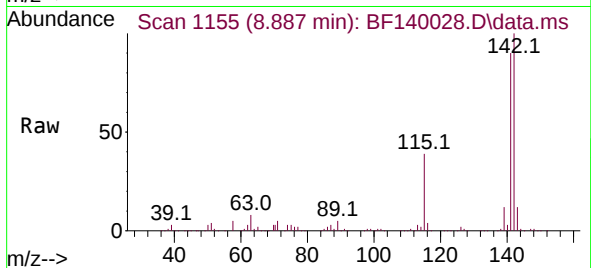
141 89.5 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#38

1-Methylnaphthalene

Concen: 34.015 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140028.D

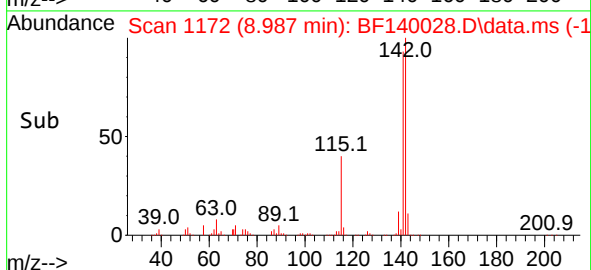
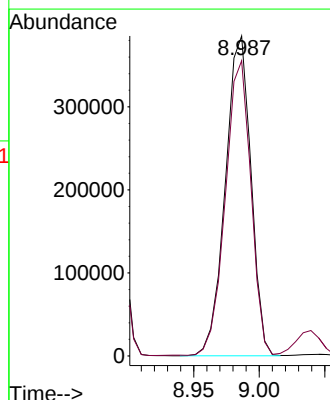
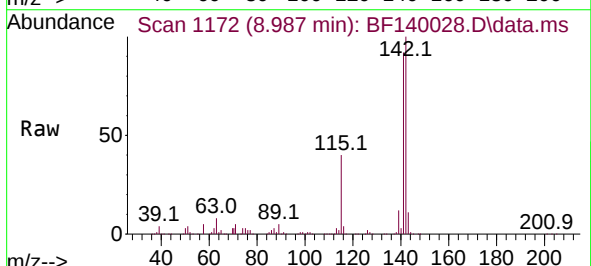
Acq: 25 Oct 2024 10:45

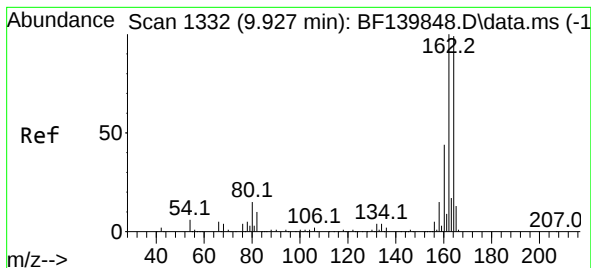
Tgt Ion:142 Resp: 522138

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140028.D

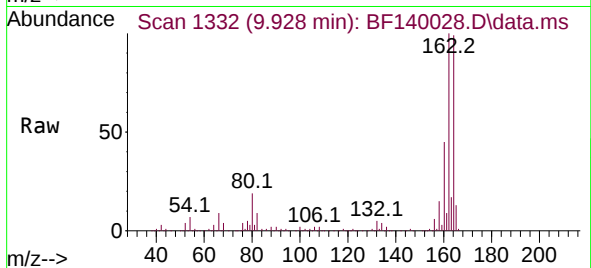
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



Tgt Ion:164 Resp: 272629

Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

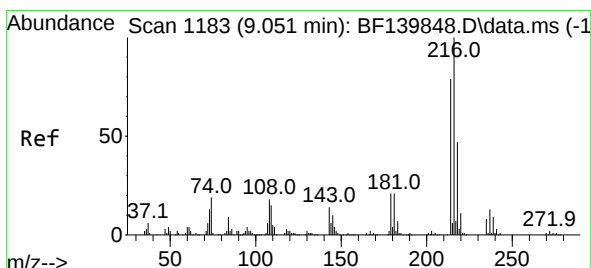
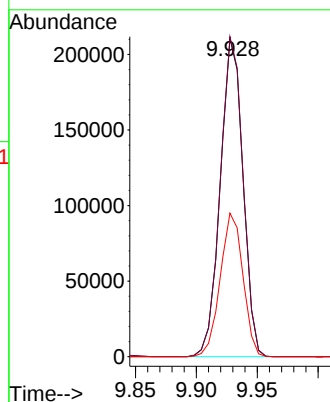
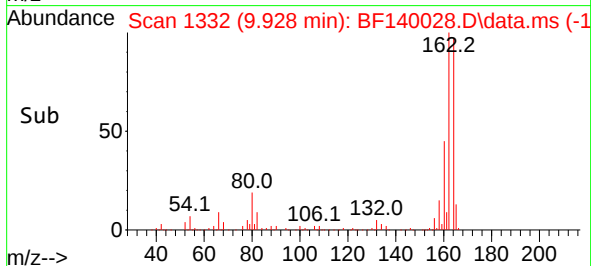
160 45.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.733 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Tgt Ion:216 Resp: 270176

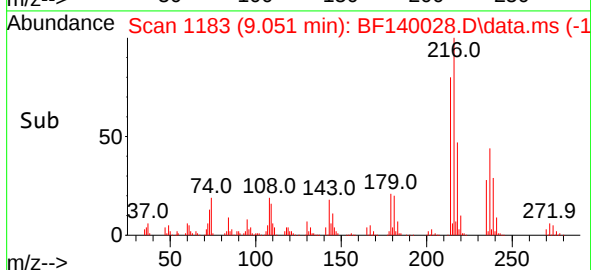
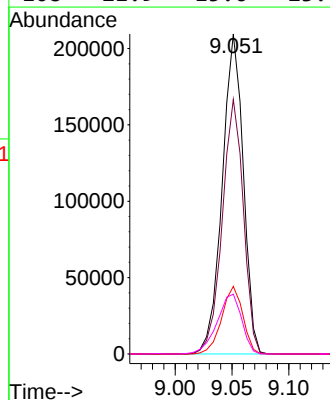
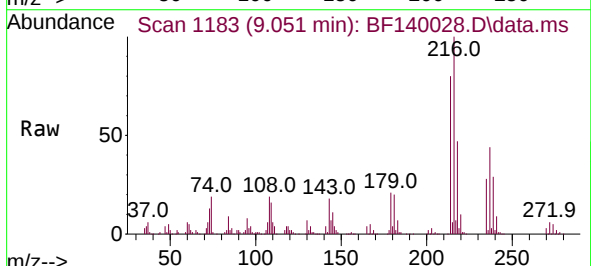
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.2 17.2 25.8

108 21.9 15.6 23.4





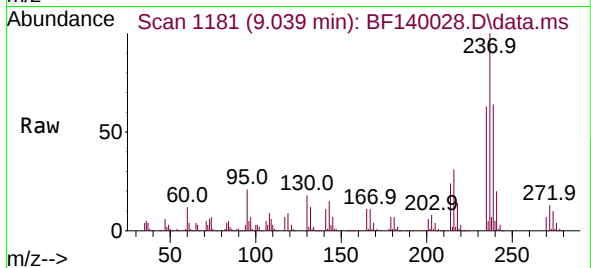
#41
Hexachlorocyclopentadiene
Concen: 144.091 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

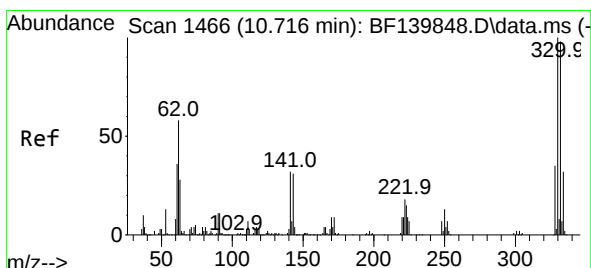
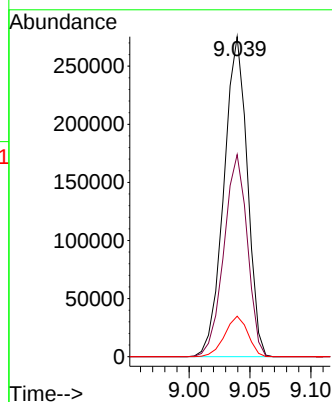
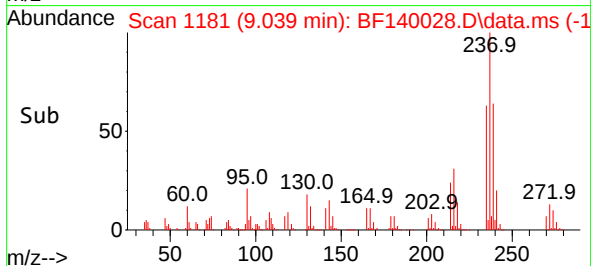


Tgt Ion:237 Resp: 368760
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.7 0.0 32.3

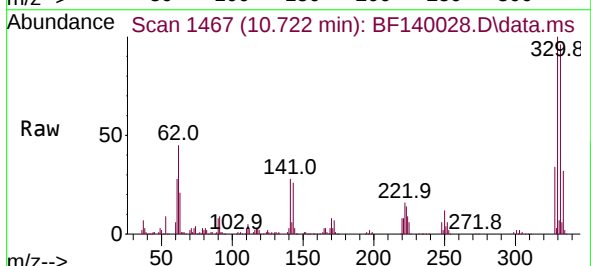
Manual Integrations

APPROVED

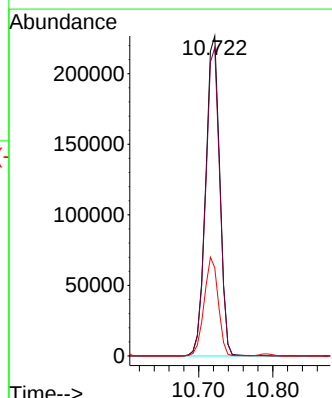
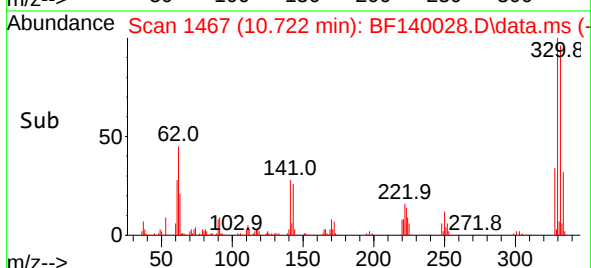
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

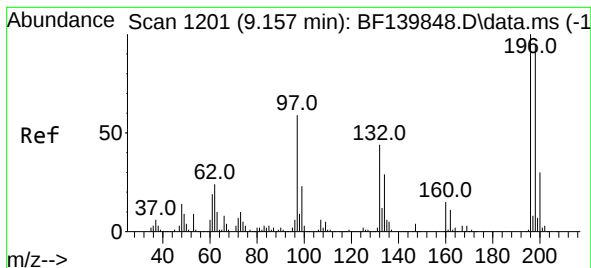


#42
2,4,6-Tribromophenol
Concen: 117.661 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



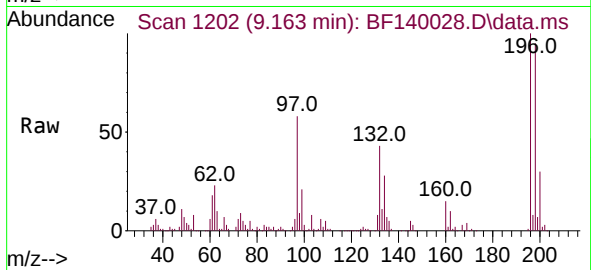
Tgt Ion:330 Resp: 300046
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 30.8 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 37.731 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

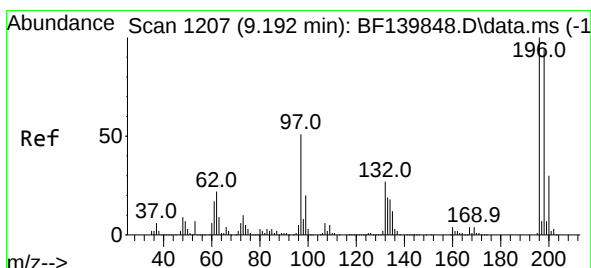
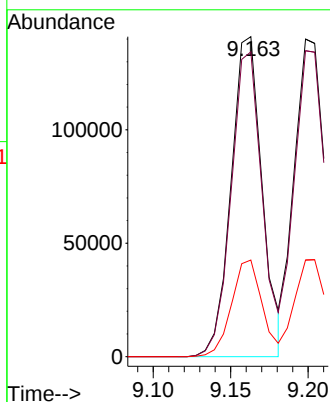
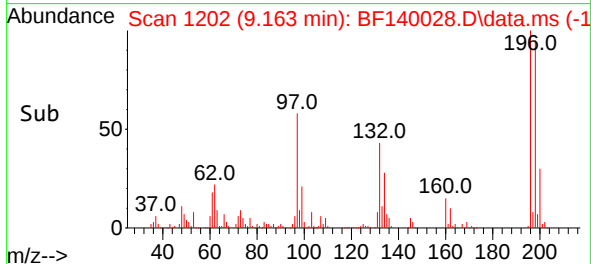
Instrument :
BNA_F
ClientSampleId :
PB164366BS



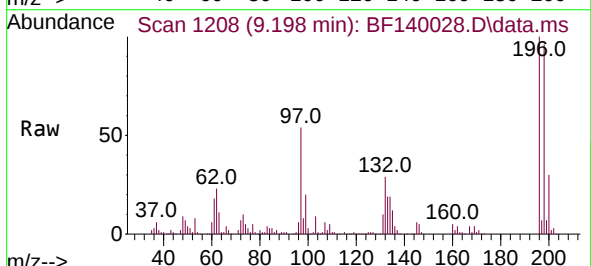
Tgt Ion:196 Resp: 196478
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.2 24.0 36.0

Manual Integrations
APPROVED

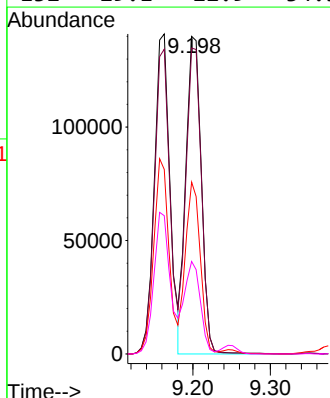
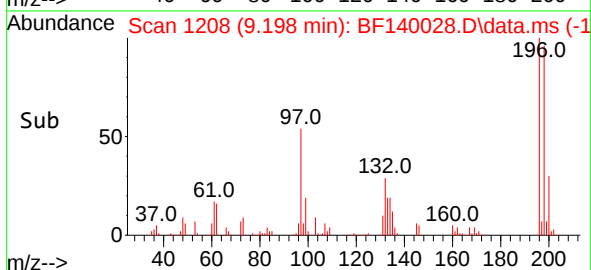
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

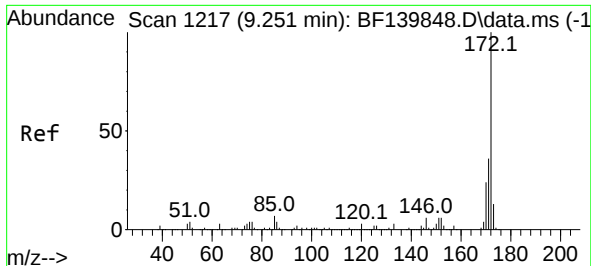


#44
2,4,5-Trichlorophenol
Concen: 36.181 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:196 Resp: 194385
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
97 54.1 41.8 62.6
132 29.1 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 71.741 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

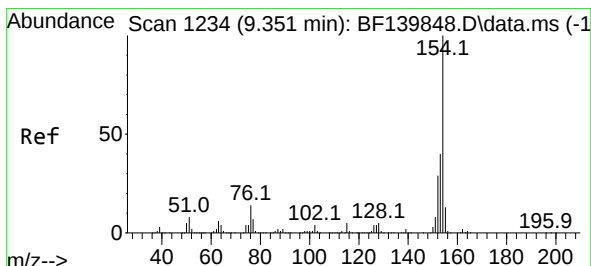
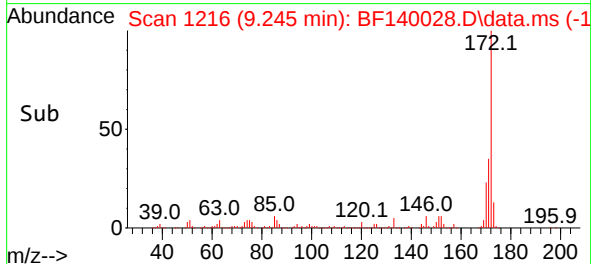
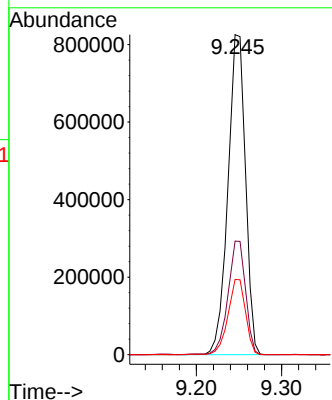
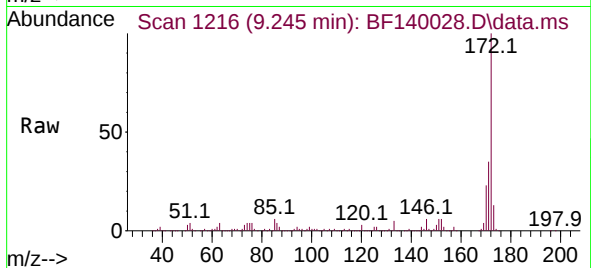
PB164366BS

Tgt Ion:172 Resp: 118344
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 19.1 28.7

Manual Integrations

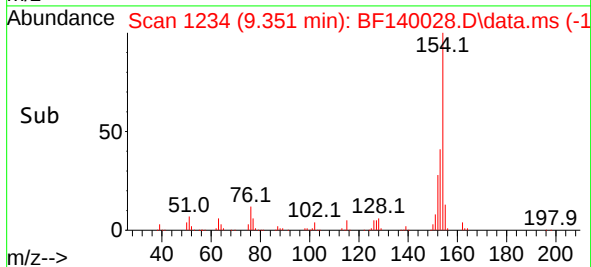
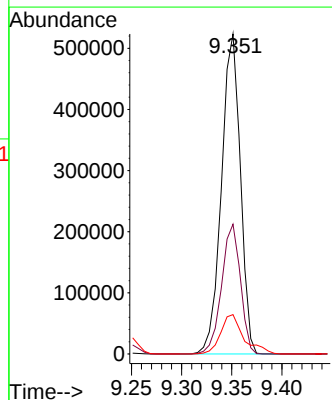
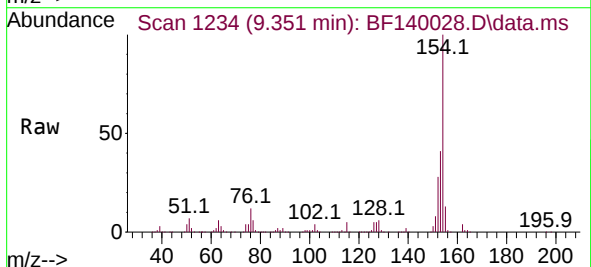
APPROVED

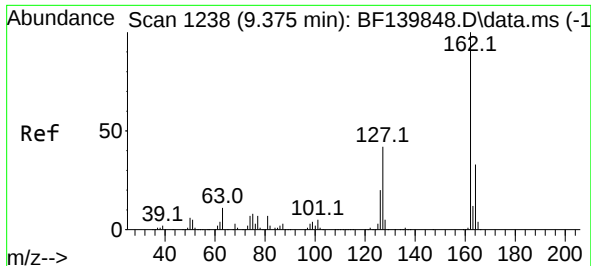
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#46
1,1'-Biphenyl
Concen: 36.004 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:154 Resp: 683328
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.3 0.0 33.9





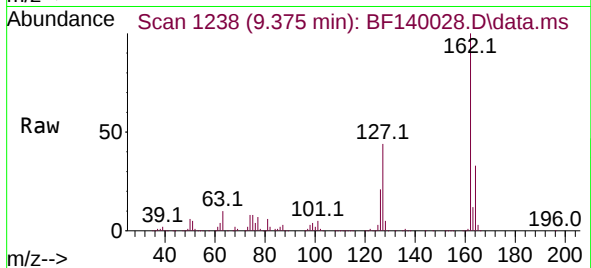
#47
2-Chloronaphthalene
Concen: 35.071 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



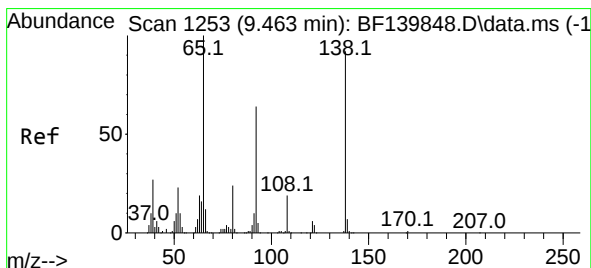
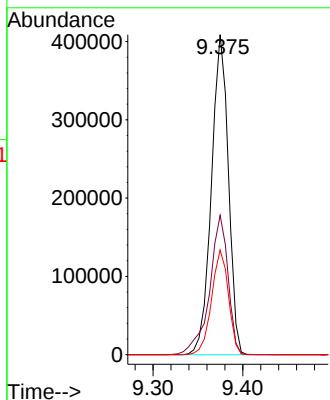
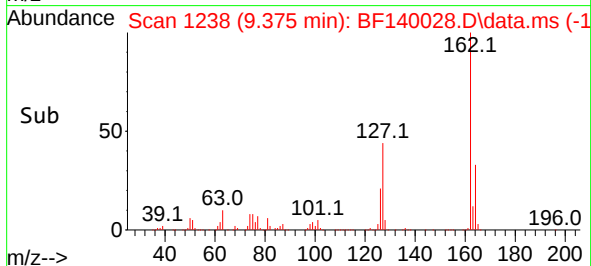
Tgt Ion:162 Resp: 53609
Ion Ratio Lower Upper
162 100
127 43.5 33.8 50.6
164 32.7 26.6 39.8

Manual Integrations

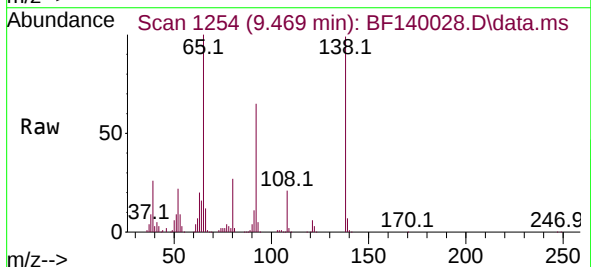
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

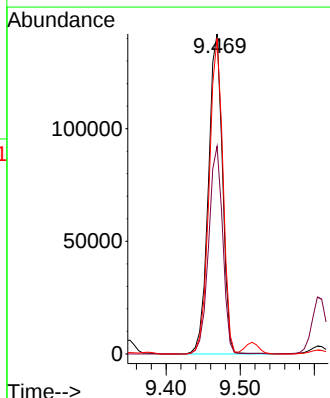
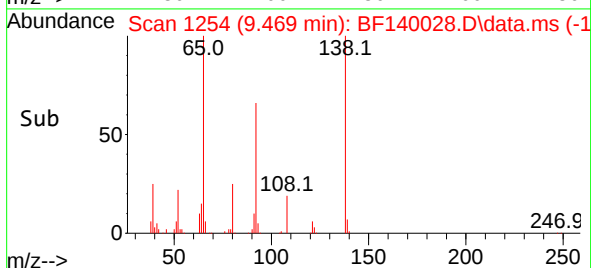
Supervised By :mohammad ahmed 10/28/2024

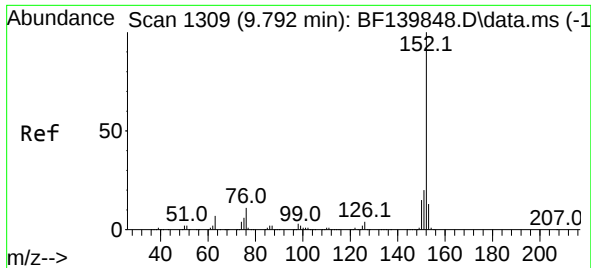


#48
2-Nitroaniline
Concen: 40.063 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion: 65 Resp: 187297
Ion Ratio Lower Upper
65 100
92 64.9 50.9 76.3
138 98.6 73.4 110.0





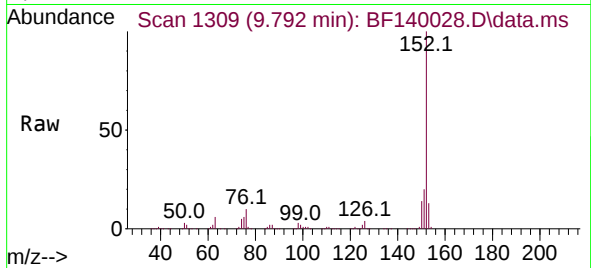
#49
Acenaphthylene
Concen: 38.357 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



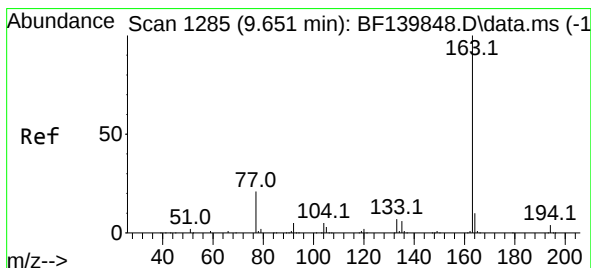
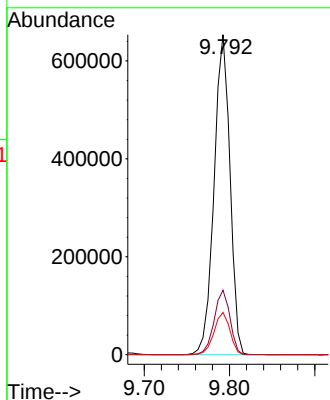
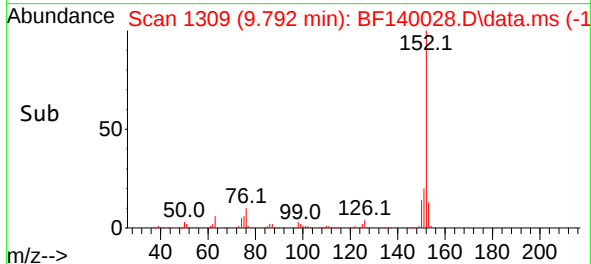
Tgt Ion:152 Resp: 847649
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations

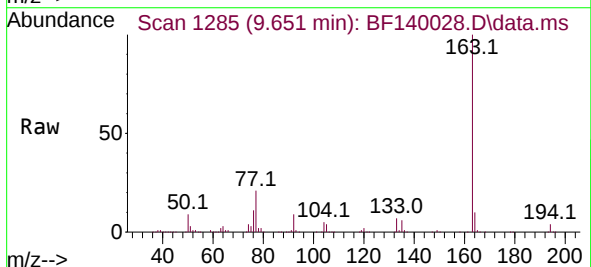
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

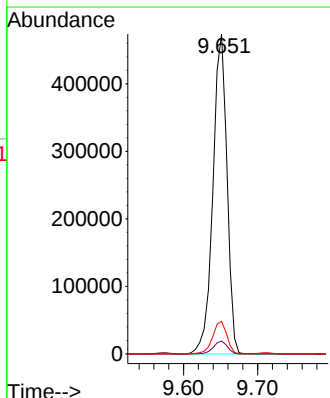
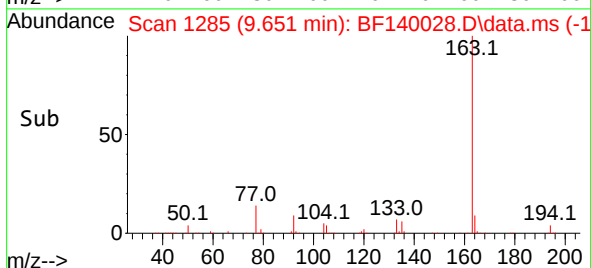
Supervised By :mohammad ahmed 10/28/2024

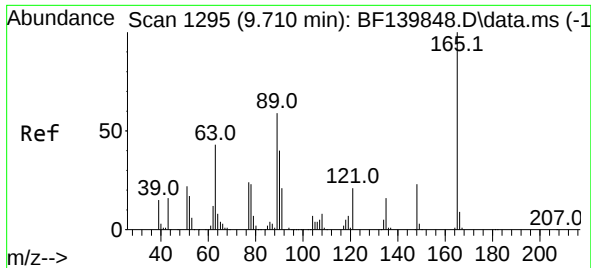


#50
Dimethylphthalate
Concen: 36.716 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



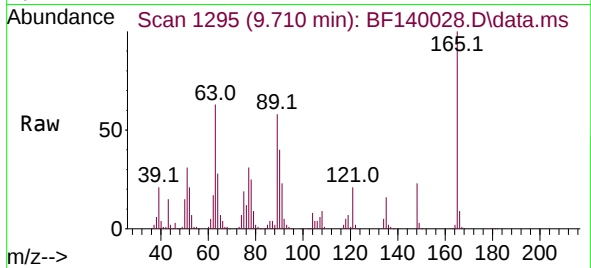
Tgt Ion:163 Resp: 623499
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 36.984 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

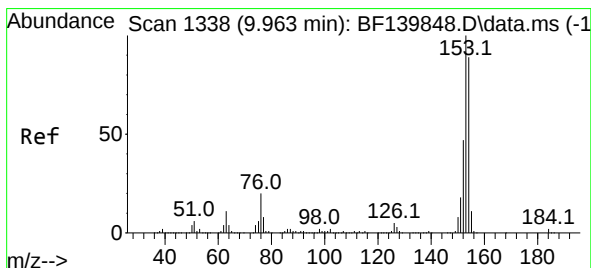
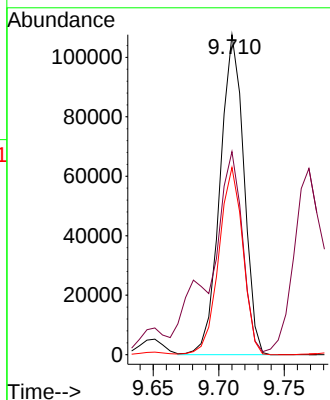
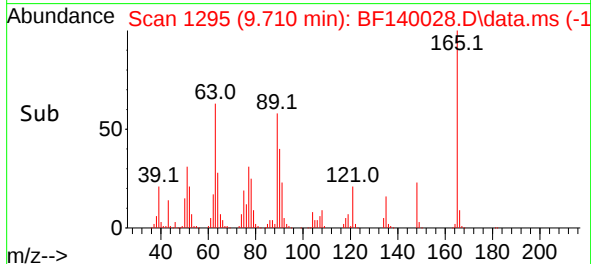
Instrument :
BNA_F
ClientSampleId :
PB164366BS



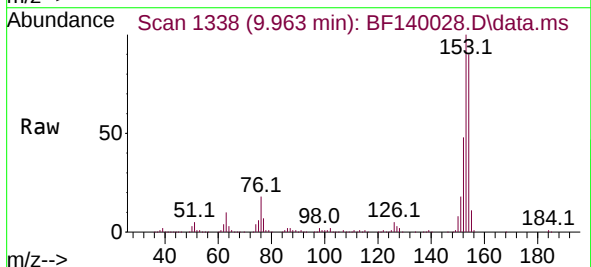
Tgt Ion:165 Resp: 13598
Ion Ratio Lower Upper
165 100
63 63.5 50.6 75.8
89 58.5 47.5 71.3

Manual Integrations
APPROVED

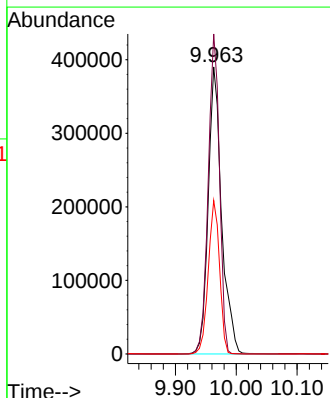
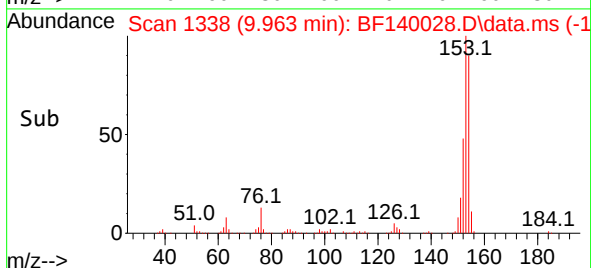
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

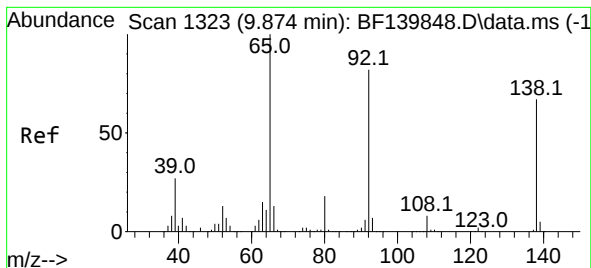


#52
Acenaphthene
Concen: 41.885 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:154 Resp: 598776
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 25.896 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

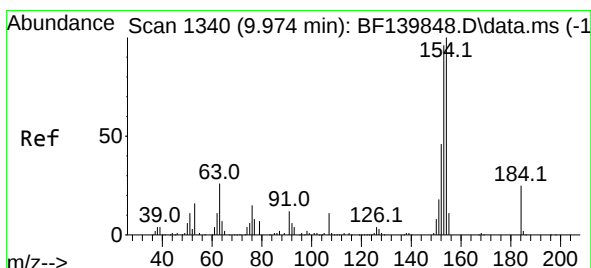
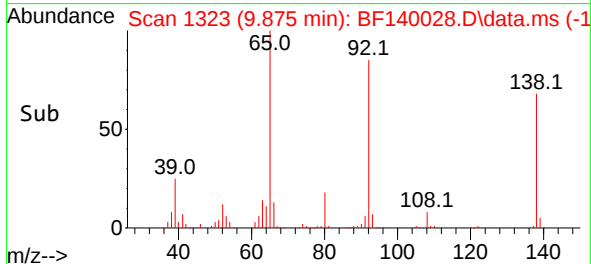
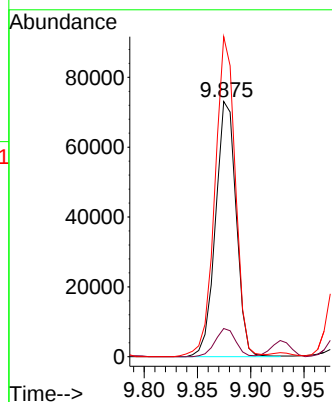
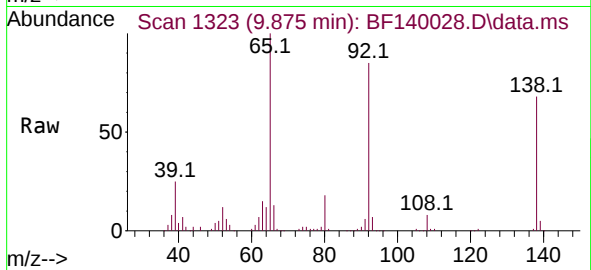
ClientSampleId :

PB164366BS

Tgt Ion:138 Resp: 9819
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 125.4 98.3 147.5

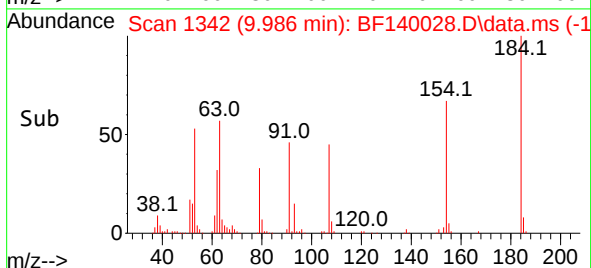
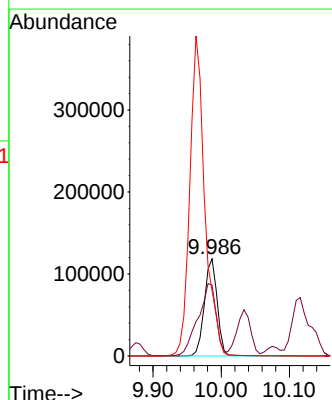
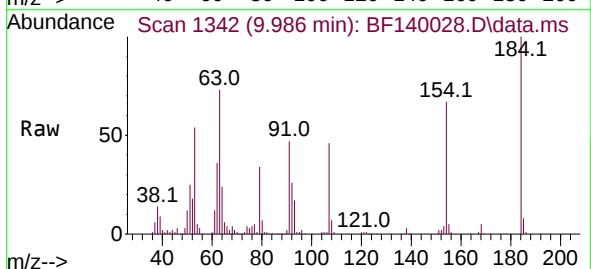
Manual Integrations
APPROVED

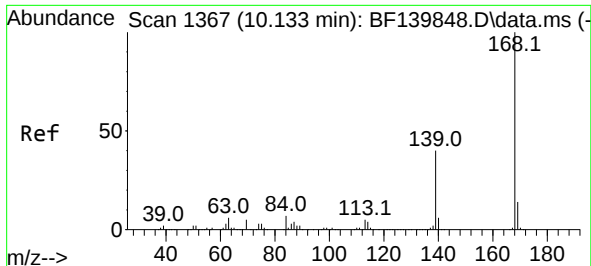
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#54
2,4-Dinitrophenol
Concen: 100.047 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

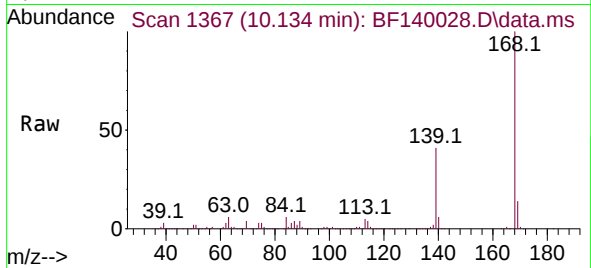
Tgt Ion:184 Resp: 155558
Ion Ratio Lower Upper
184 100
63 72.9 84.7 127.1#
154 67.5 338.2 507.2#





#55
Dibenzofuran
Concen: 36.179 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

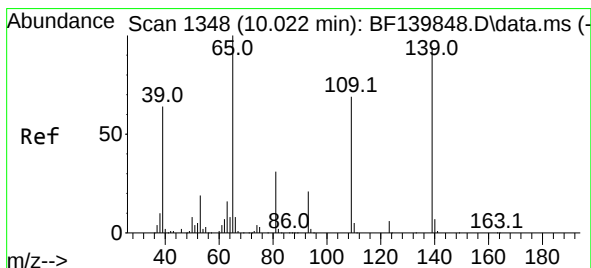
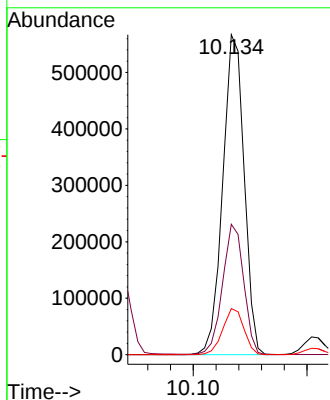
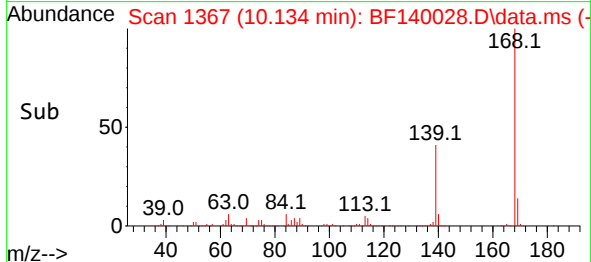
Instrument :
BNA_F
ClientSampleId :
PB164366BS



Tgt Ion:168 Resp: 742059
Ion Ratio Lower Upper
168 100
139 40.7 31.8 47.6
169 14.4 11.6 17.4

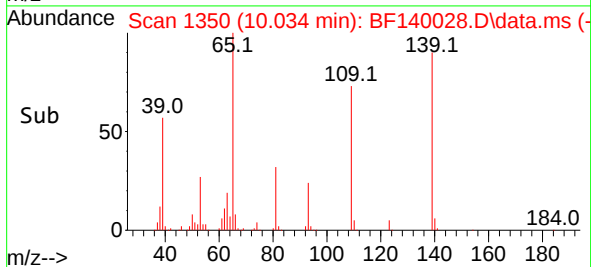
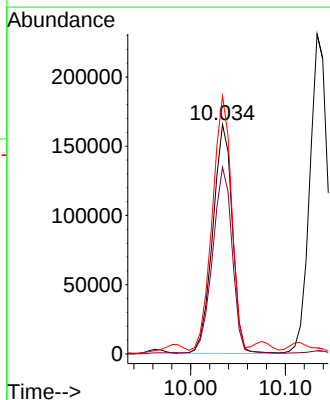
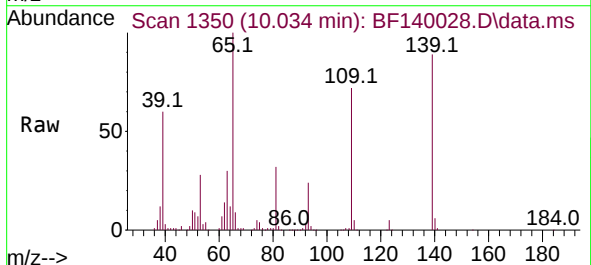
Manual Integrations
APPROVED

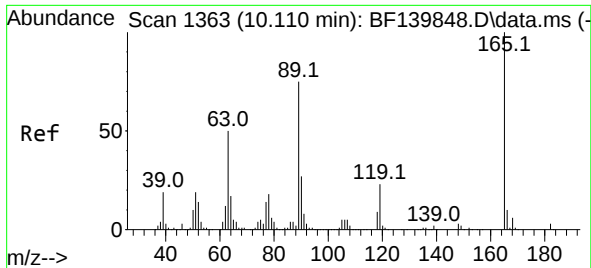
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#56
4-Nitrophenol
Concen: 81.390 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:139 Resp: 237427
Ion Ratio Lower Upper
139 100
109 81.4 53.6 93.6
65 112.4 87.8 127.8





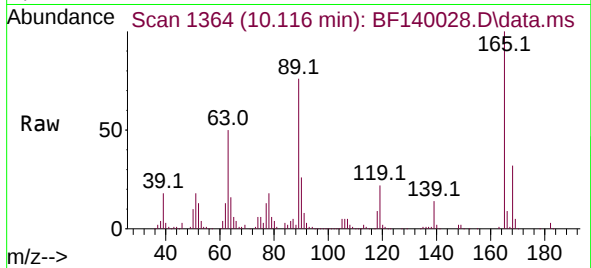
#57
2,4-Dinitrotoluene
Concen: 41.579 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



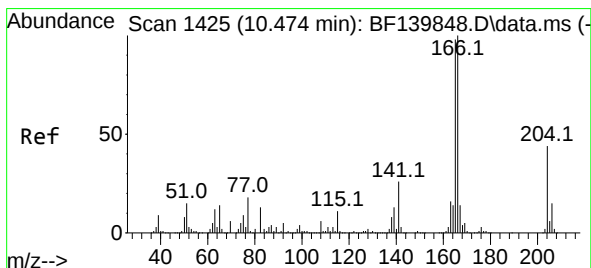
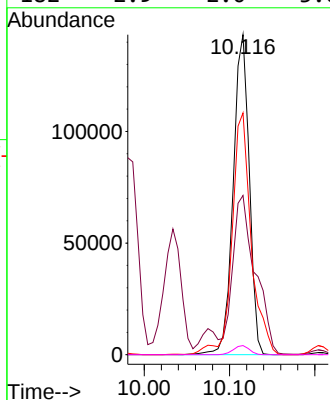
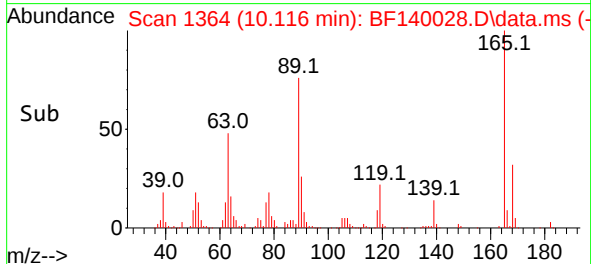
Tgt Ion:165 Resp: 188000
Ion Ratio Lower Upper
165 100
63 49.7 40.1 60.1
89 75.5 60.4 90.6
182 2.9 2.0 3.0

Manual Integrations

APPROVED

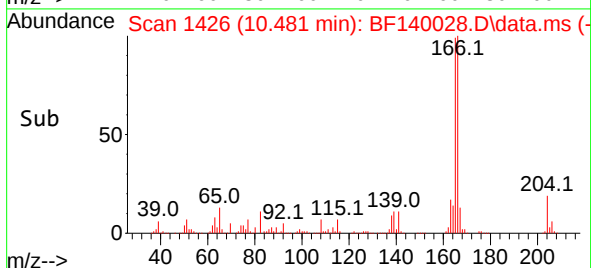
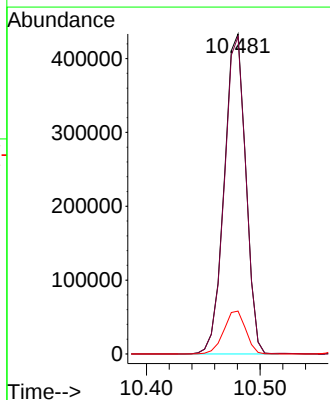
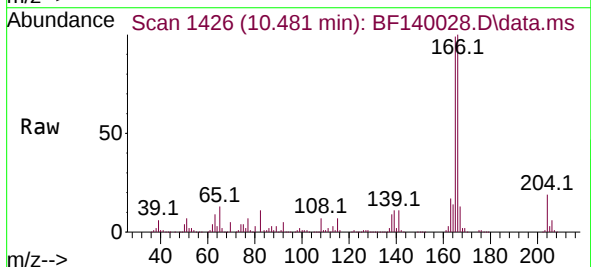
Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 36.504 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:166 Resp: 570282
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.617 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

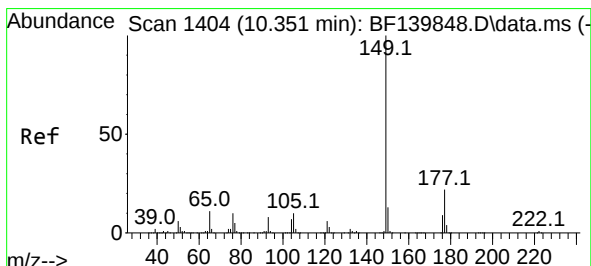
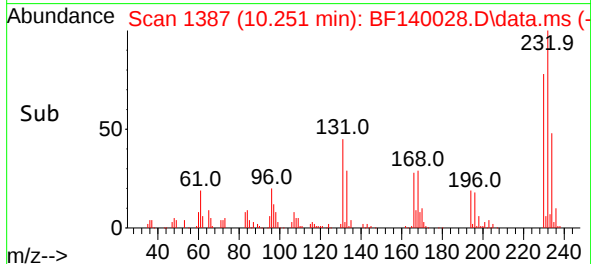
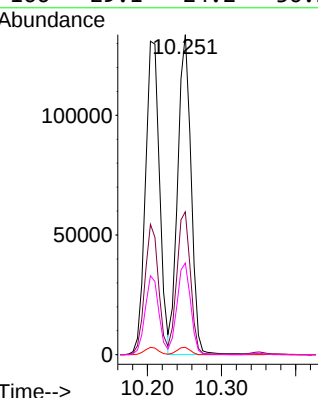
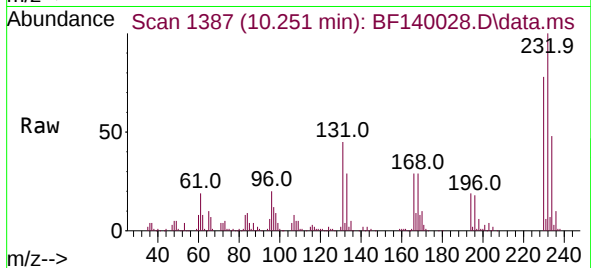
PB164366BS

Tgt Ion:232 Resp: 166854
Ion Ratio Lower Upper
232 100
131 45.5 37.0 55.6
130 2.3 1.9 2.9
166 29.1 24.2 36.2

Manual Integrations

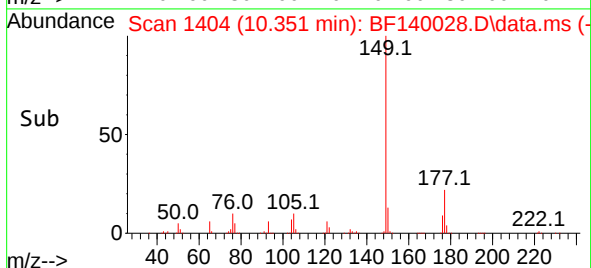
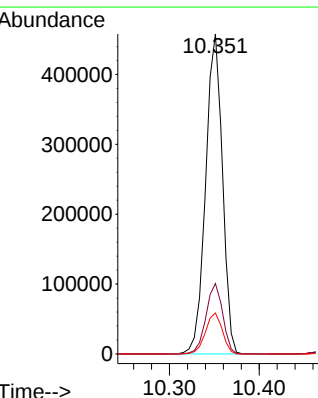
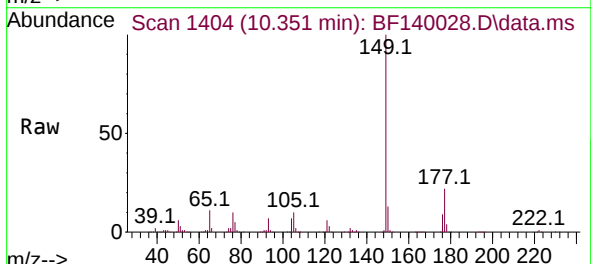
APPROVED

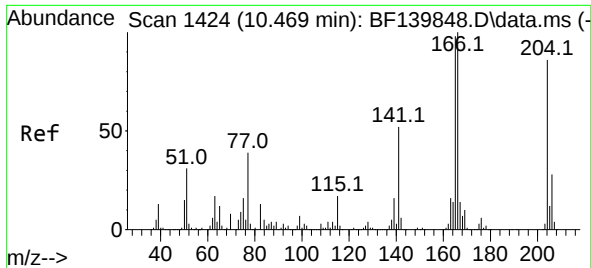
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 35.701 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

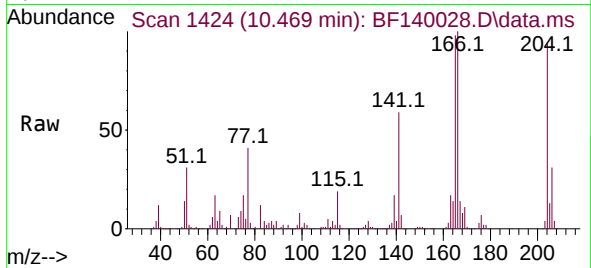
Tgt Ion:149 Resp: 595247
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 36.048 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

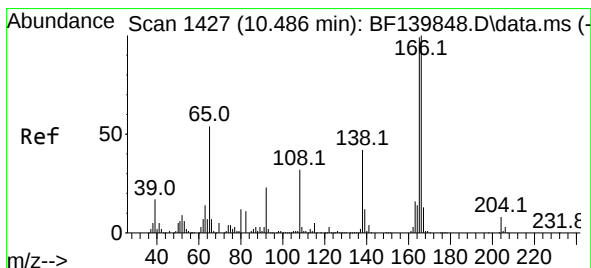
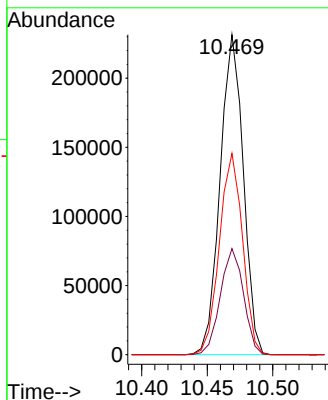
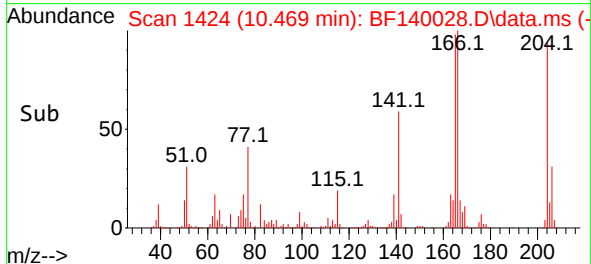
Instrument :
BNA_F
ClientSampleId :
PB164366BS



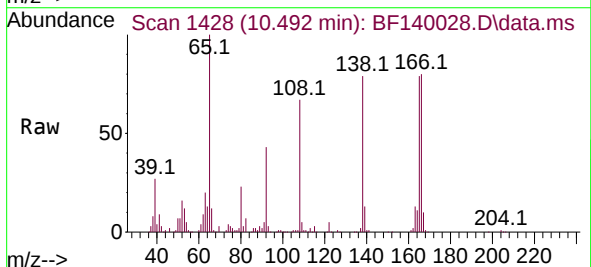
Tgt Ion:204 Resp: 28439
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 62.9 48.6 73.0

Manual Integrations
APPROVED

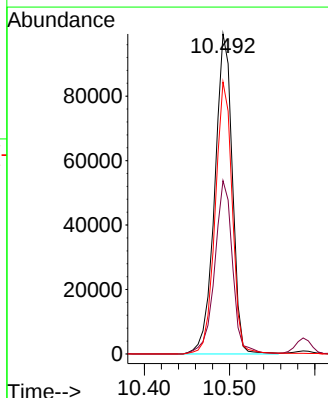
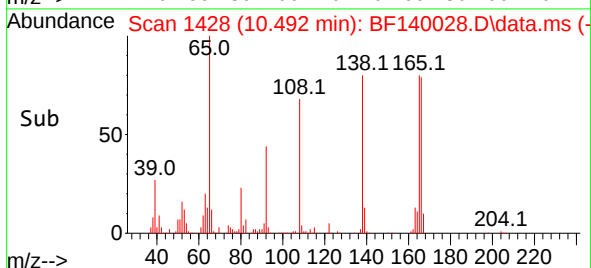
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

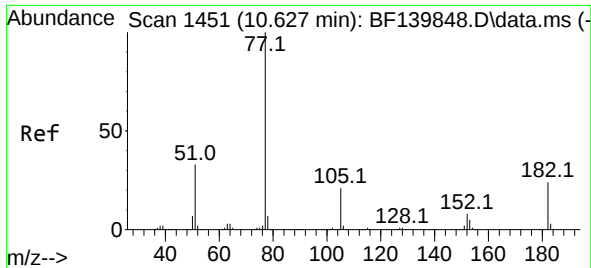


#62
4-Nitroaniline
Concen: 39.754 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:138 Resp: 142364
Ion Ratio Lower Upper
138 100
92 54.2 35.7 75.7
108 85.0 57.5 97.5





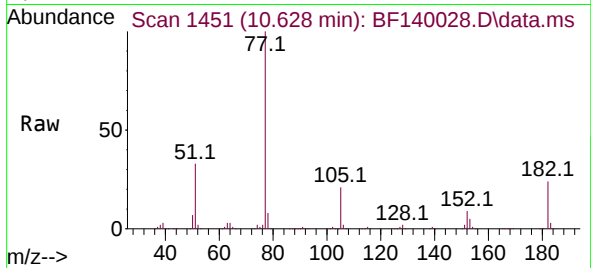
#63
Azobenzene
Concen: 34.553 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



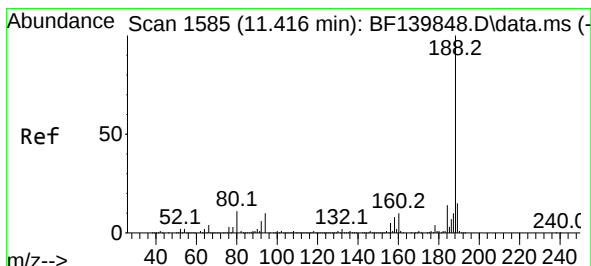
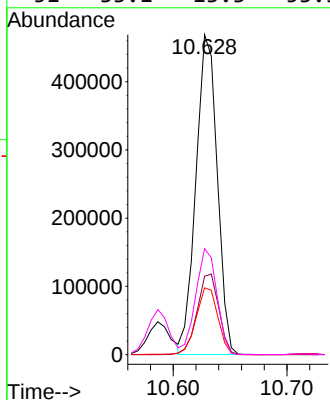
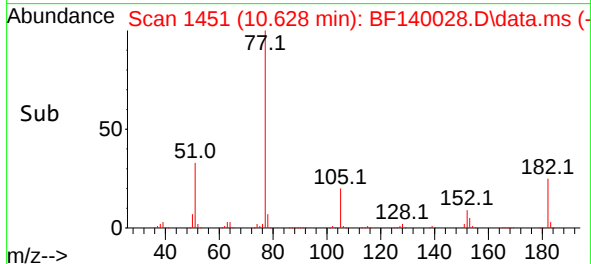
Tgt Ion: 77 Resp: 610768
Ion Ratio Lower Upper
77 100
182 24.5 3.3 43.3
105 20.9 1.2 41.2
51 33.1 13.3 53.3

Manual Integrations

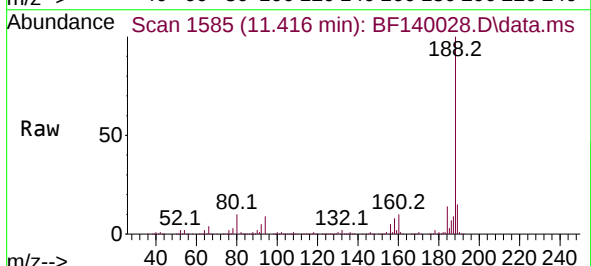
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

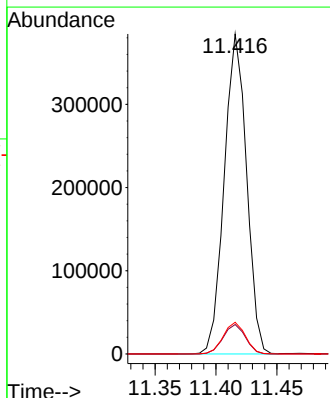
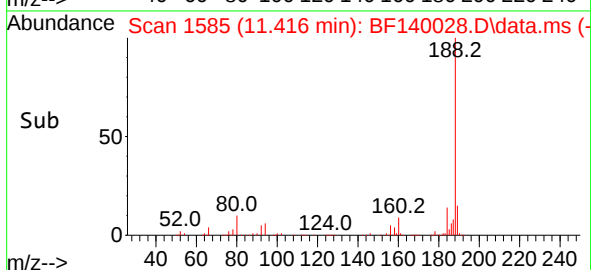
Supervised By :mohammad ahmed 10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



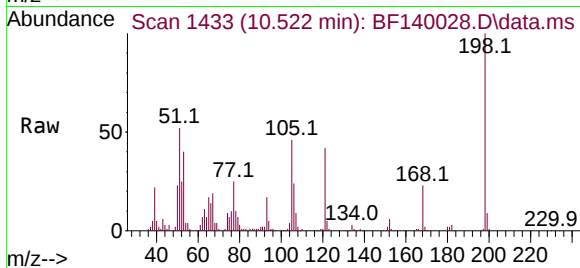
Tgt Ion:188 Resp: 490973
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.9 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.075 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

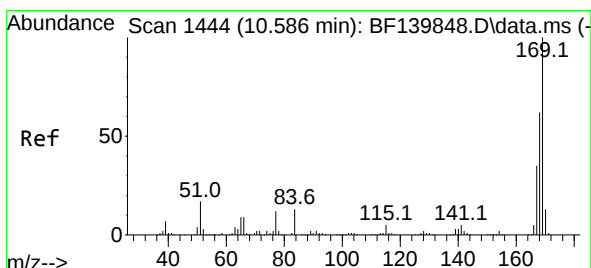
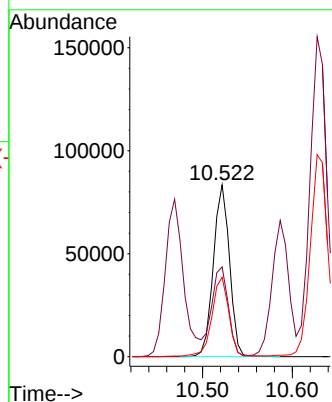
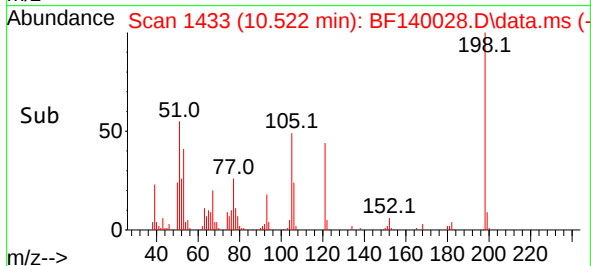
Instrument :
BNA_F
ClientSampleId :
PB164366BS



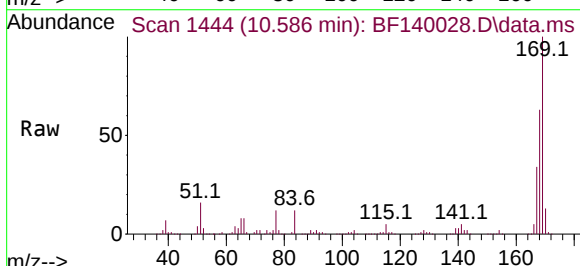
Tgt Ion:198 Resp: 104288
Ion Ratio Lower Upper
198 100
51 52.2 38.2 78.2
105 46.2 27.9 67.9

Manual Integrations
APPROVED

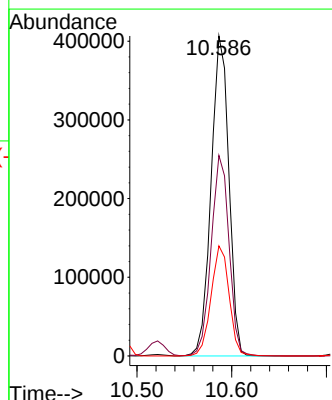
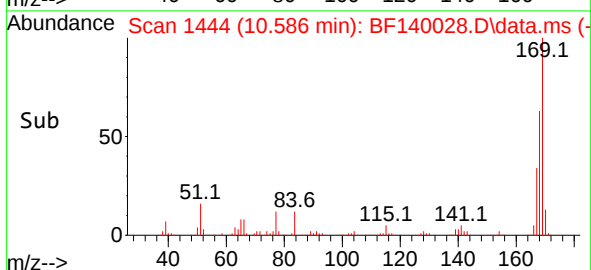
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

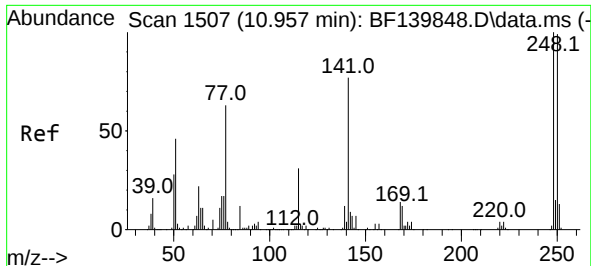


#66
n-Nitrosodiphenylamine
Concen: 35.913 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:169 Resp: 527725
Ion Ratio Lower Upper
169 100
168 62.6 49.8 74.6
167 34.4 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 36.219 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

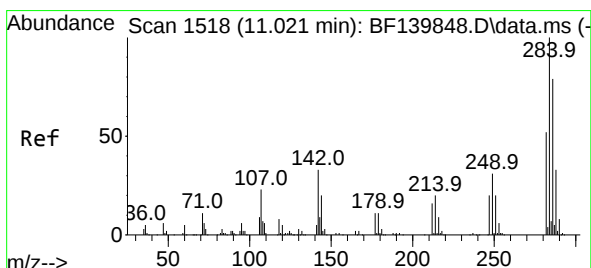
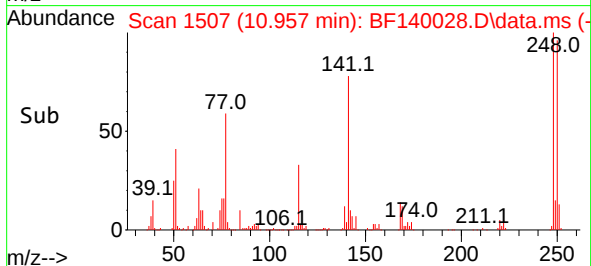
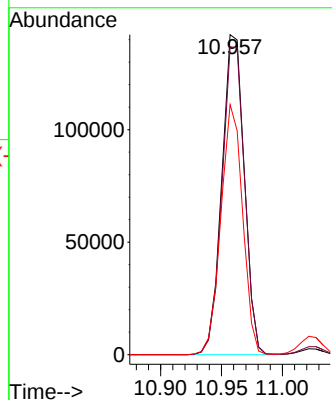
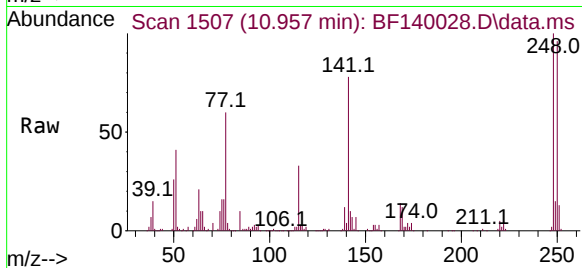
PB164366BS

Tgt Ion:248 Resp: 18319
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 78.1 61.7 92.5

Manual Integrations

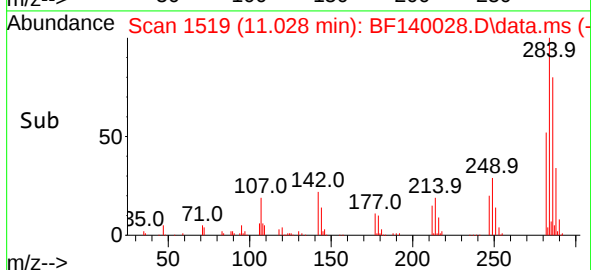
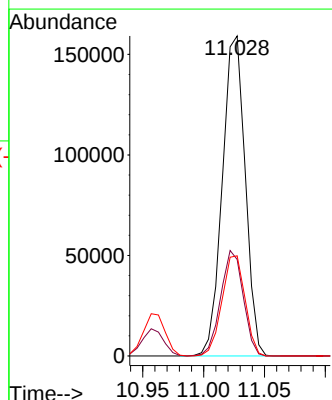
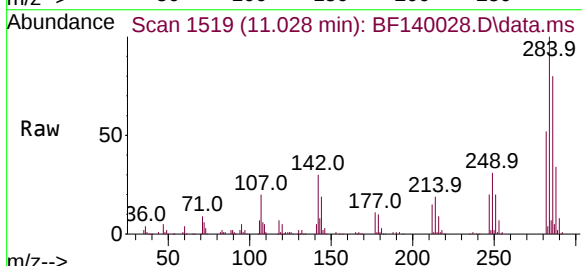
APPROVED

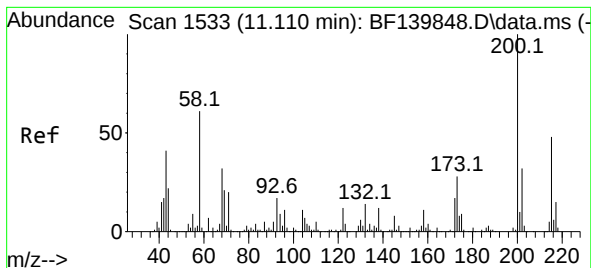
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#68
Hexachlorobenzene
Concen: 36.616 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:284 Resp: 208290
Ion Ratio Lower Upper
284 100
142 30.1 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 43.265 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion:200 Resp: 172219

Ion Ratio Lower Upper

200 100

173 27.3 7.7 47.7

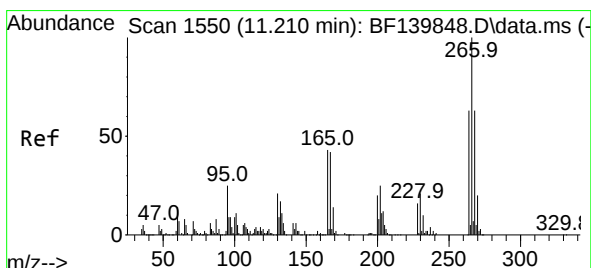
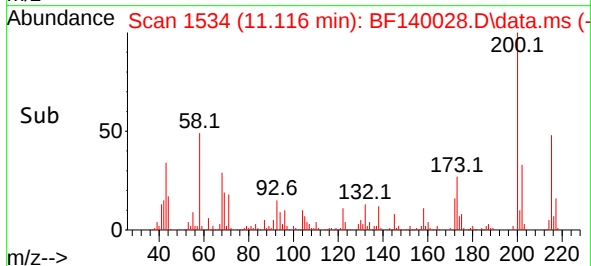
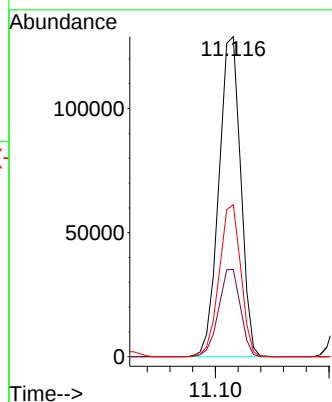
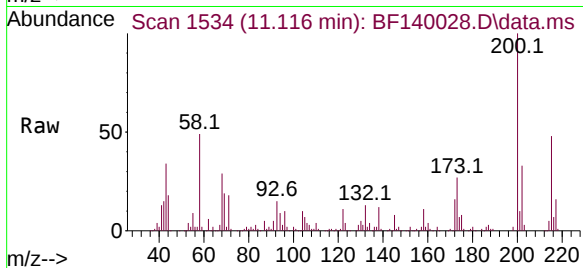
215 47.5 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 75.940 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

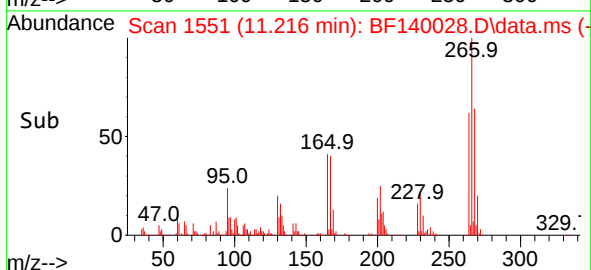
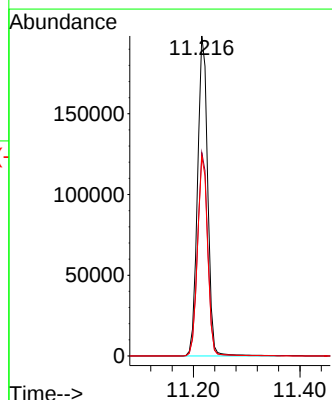
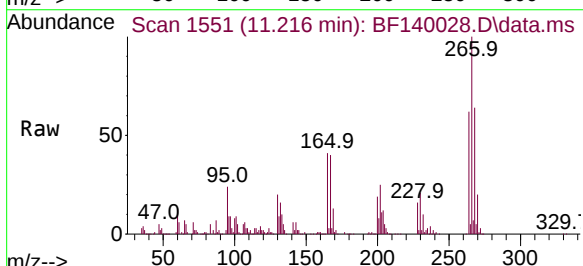
Tgt Ion:266 Resp: 262174

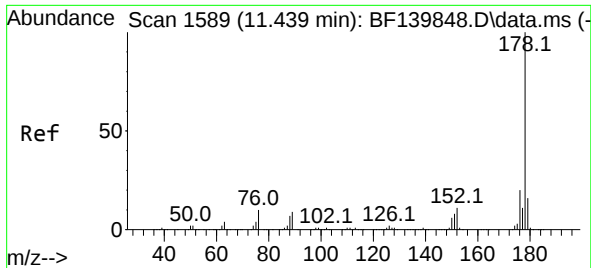
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.3 50.6 75.8





#71
Phenanthrene
Concen: 36.846 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

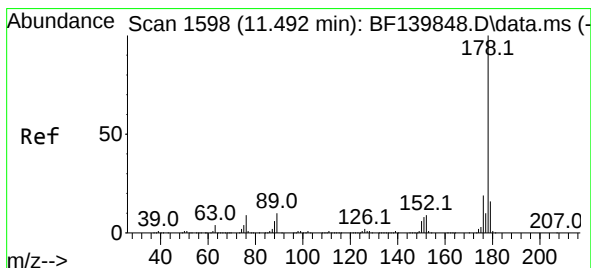
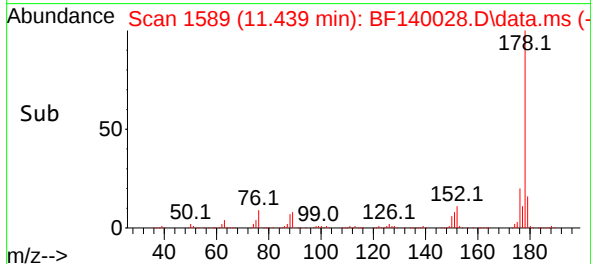
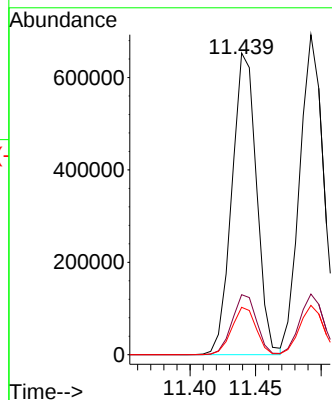
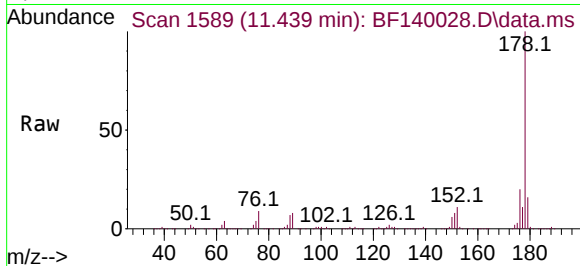
PB164366BS

Tgt Ion:178 Resp: 854510
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.7 12.6 18.8

Manual Integrations

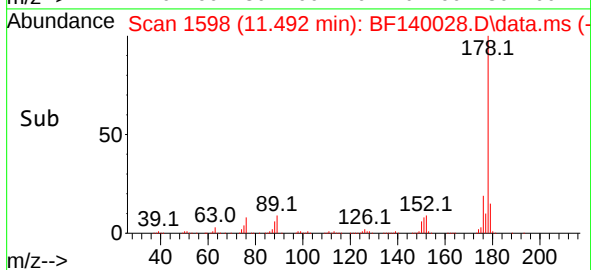
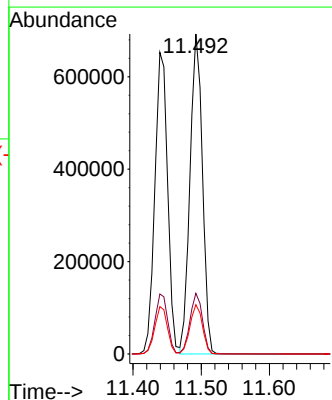
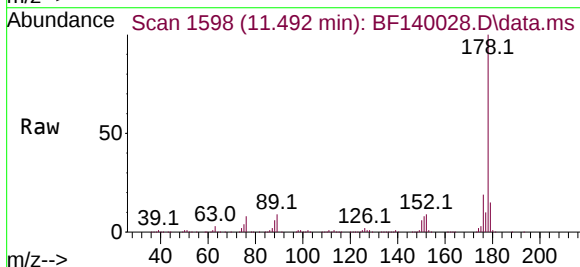
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#72
Anthracene
Concen: 38.519 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:178 Resp: 871594
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.4 18.6





#73

Carbazole

Concen: 36.656 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140028.D

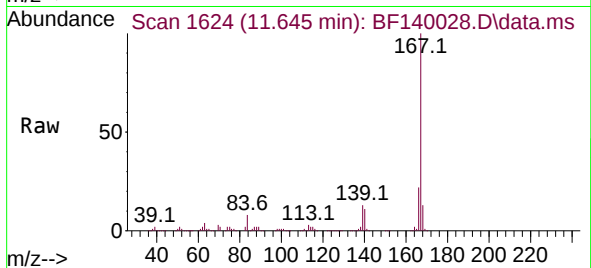
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



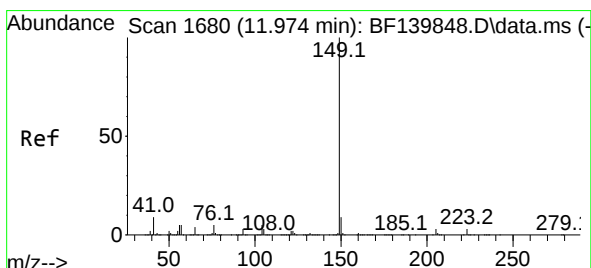
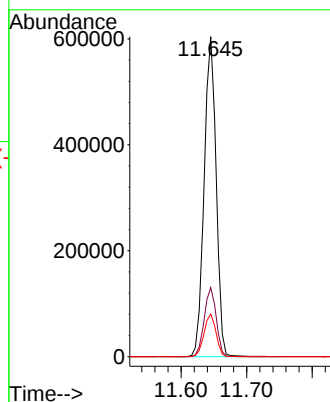
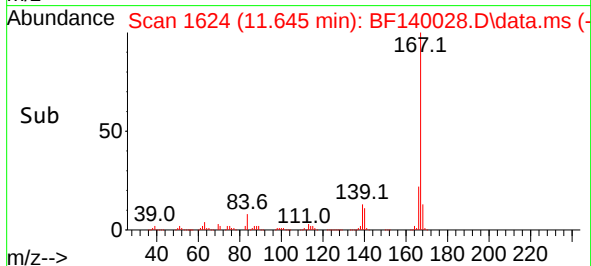
Tgt Ion:	167	Resp:	77139
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.0	25.6
139	13.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#74

Di-n-butylphthalate

Concen: 36.342 ng

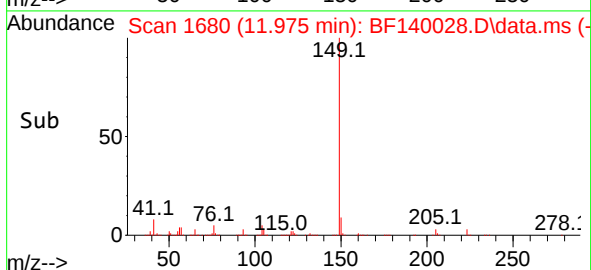
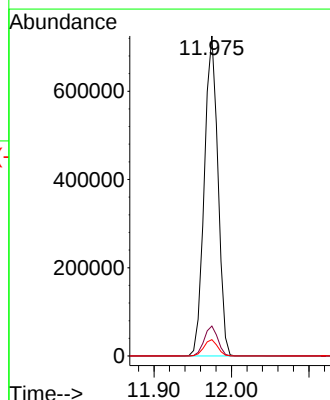
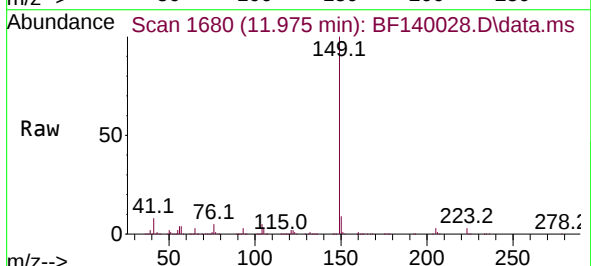
RT: 11.975 min Scan# 1680

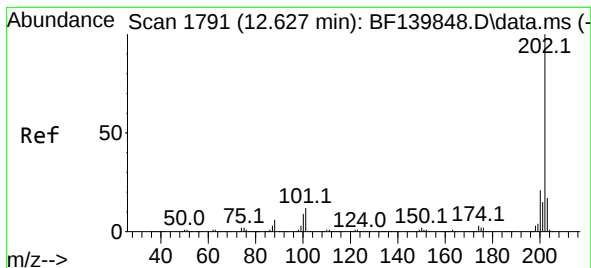
Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

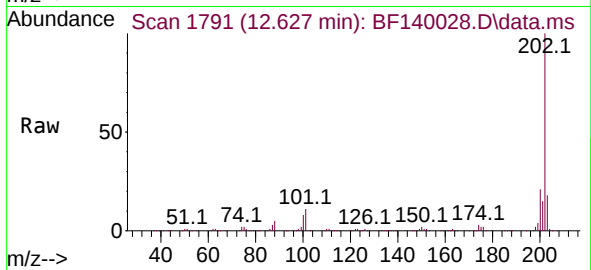
Tgt Ion:	149	Resp:	883576
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 37.969 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

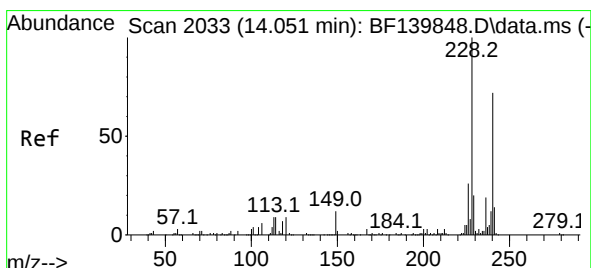
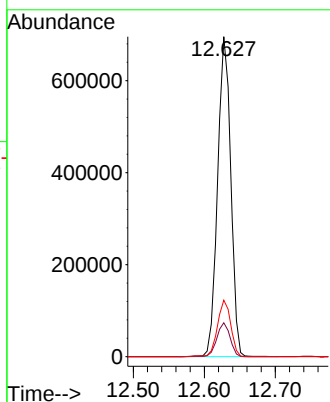
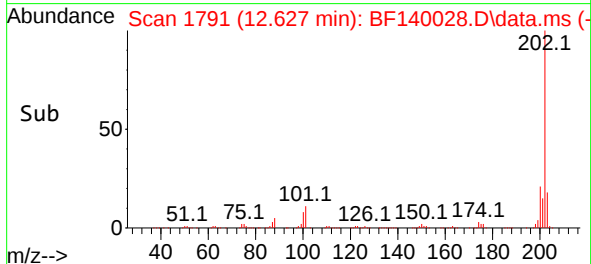
Instrument :
BNA_F
ClientSampleId :
PB164366BS



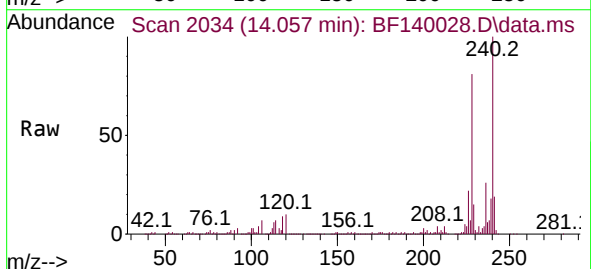
Tgt Ion:202 Resp: 890172
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

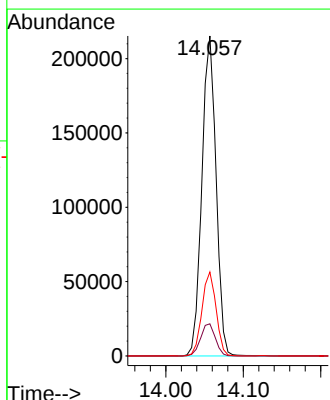
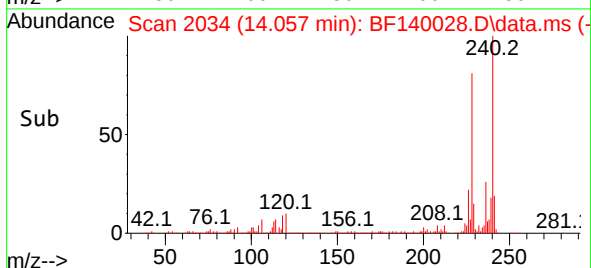
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

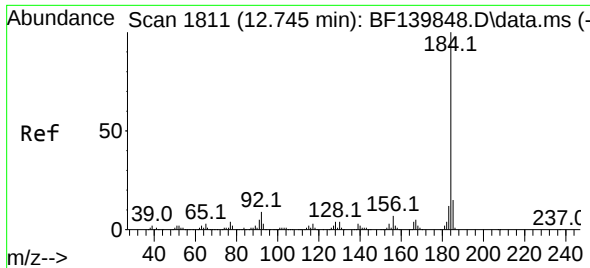


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



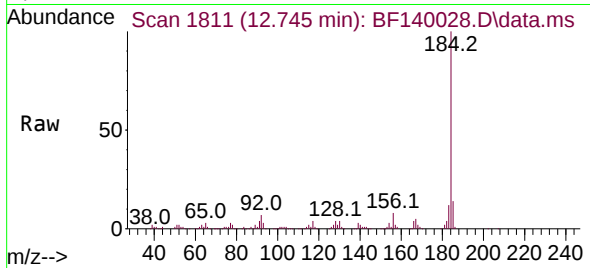
Tgt Ion:240 Resp: 273728
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 26.2 20.9 31.3





#77
Benzidine
Concen: 47.032 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

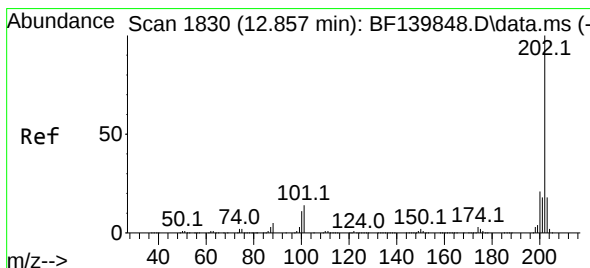
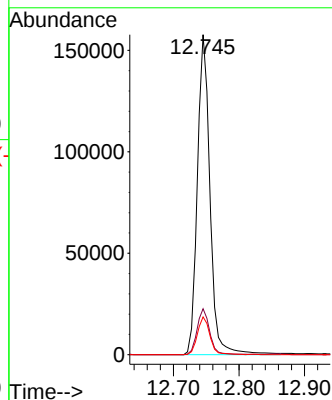
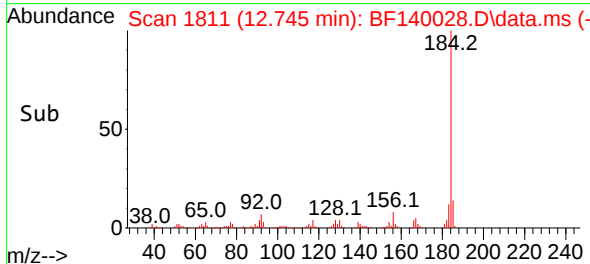
Instrument :
BNA_F
ClientSampleId :
PB164366BS



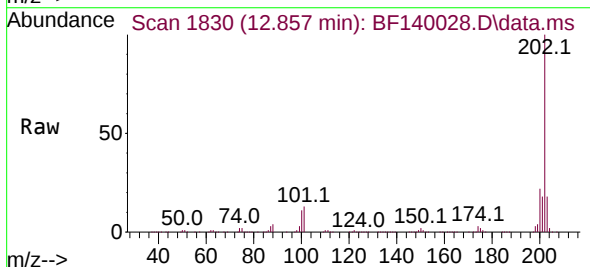
Tgt Ion:184 Resp: 21169
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.8 9.4 14.2

Manual Integrations
APPROVED

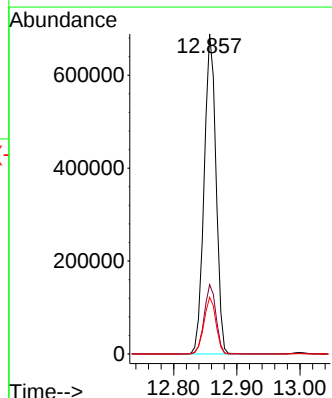
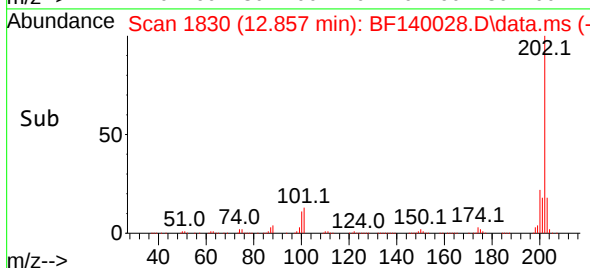
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

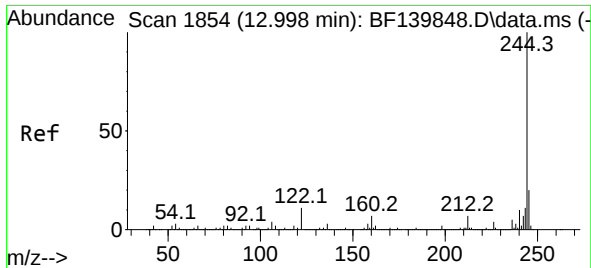


#78
Pyrene
Concen: 37.614 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:202 Resp: 901247
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.7 14.2 21.4





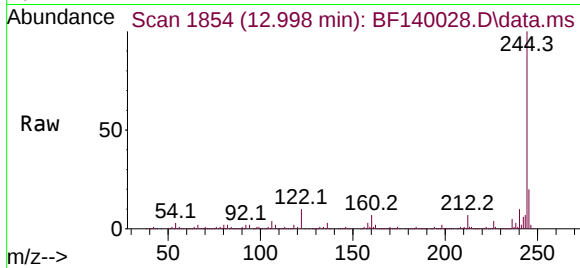
#79
 Terphenyl-d14
 Concen: 76.545 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140028.D
 Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



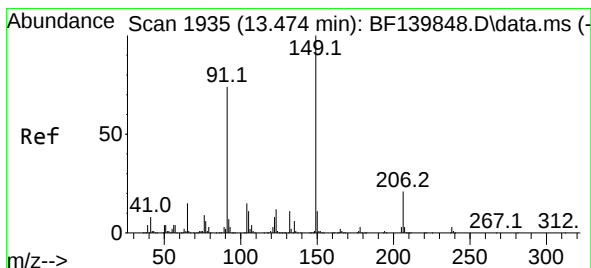
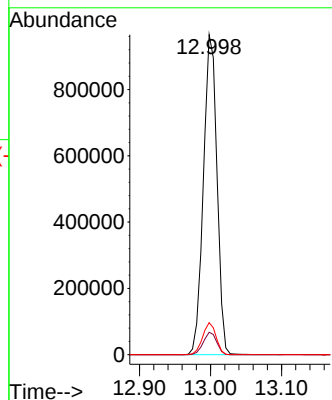
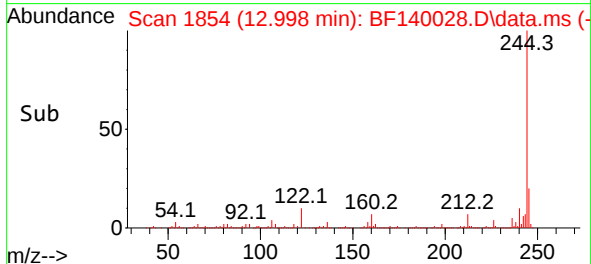
Tgt Ion:244 Resp: 1285839
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.0 8.6 13.0

Manual Integrations

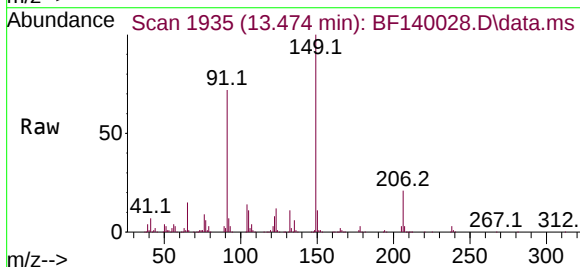
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

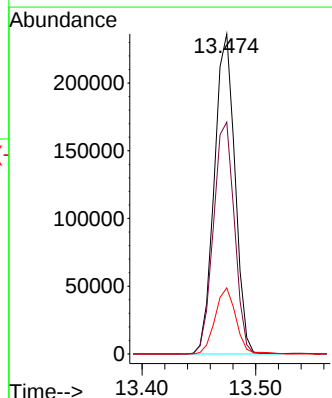
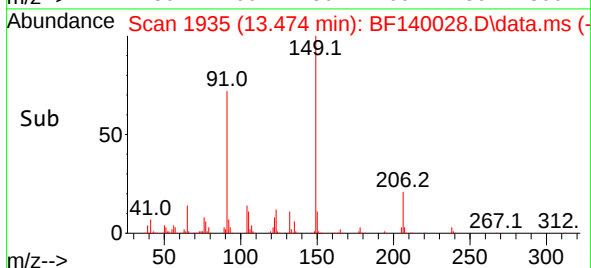
Supervised By :mohammad ahmed 10/28/2024

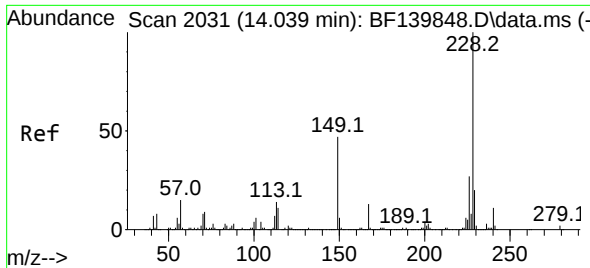


#80
 Butylbenzylphthalate
 Concen: 41.458 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140028.D
 Acq: 25 Oct 2024 10:45



Tgt Ion:149 Resp: 297810
 Ion Ratio Lower Upper
 149 100
 91 72.4 59.4 89.2
 206 20.6 16.4 24.6





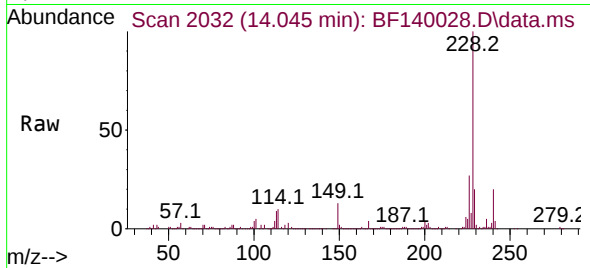
#81
Benzo(a)anthracene
Concen: 37.377 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

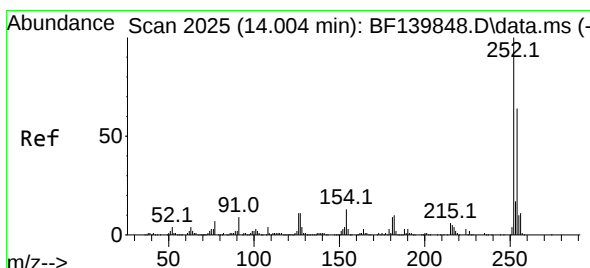
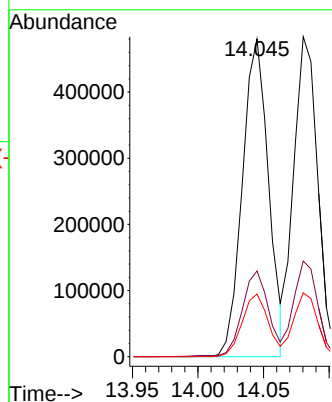
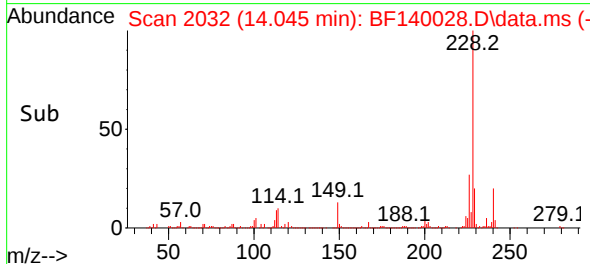


Tgt Ion:228 Resp: 666018
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.7 16.1 24.1

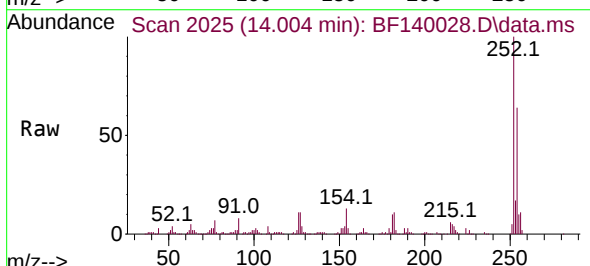
Manual Integrations

APPROVED

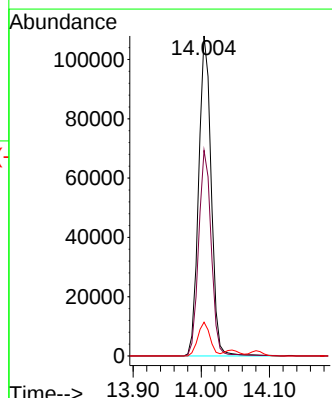
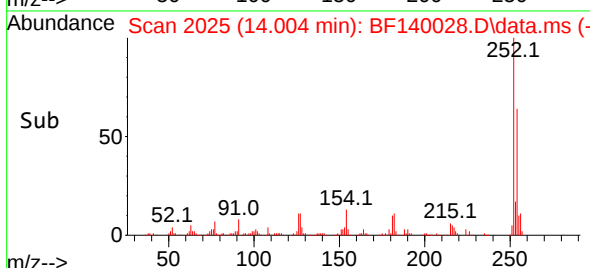
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#82
3,3'-Dichlorobenzidine
Concen: 26.479 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45



Tgt Ion:252 Resp: 137570
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 37.669 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140028.D

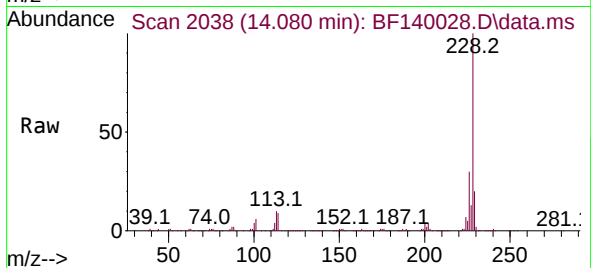
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS



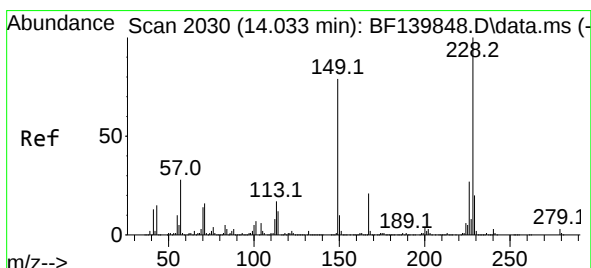
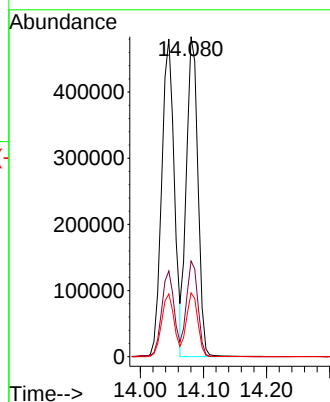
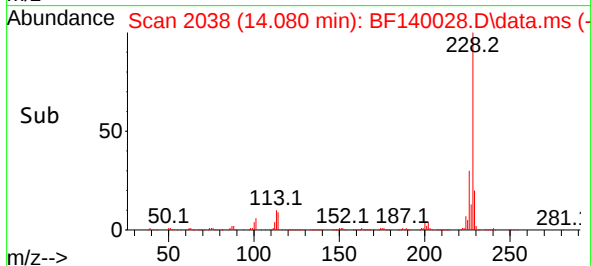
Tgt Ion:	228	Resp:	615429
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	20.0	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.254 ng

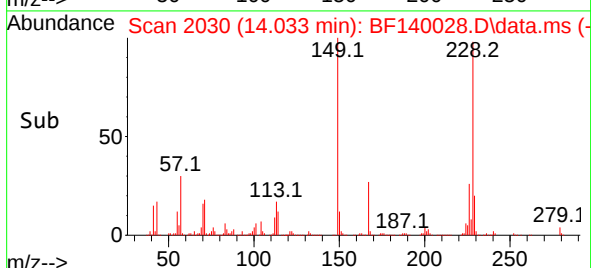
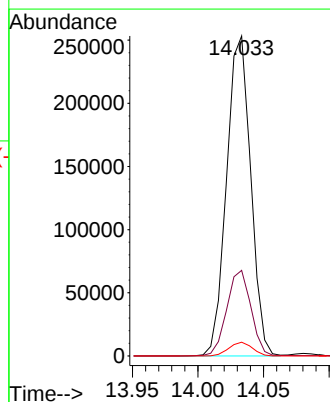
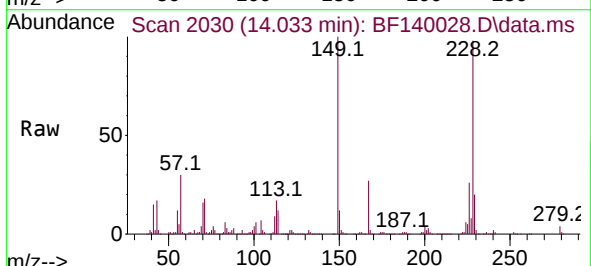
RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Tgt Ion:	149	Resp:	324418
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.4	32.0
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 32.263 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion:149 Resp: 47294

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

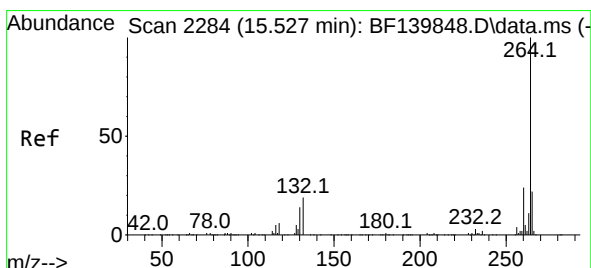
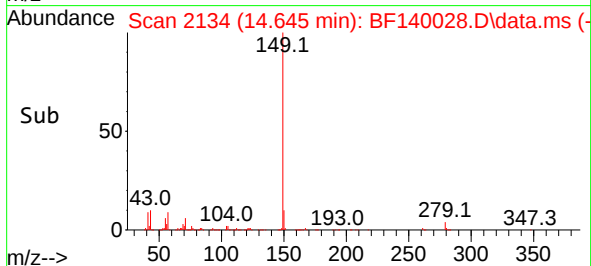
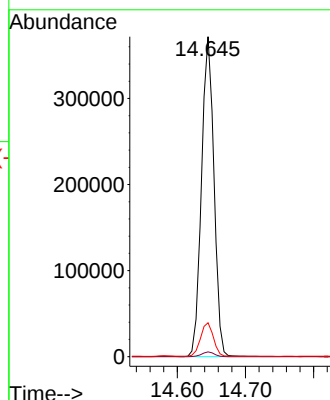
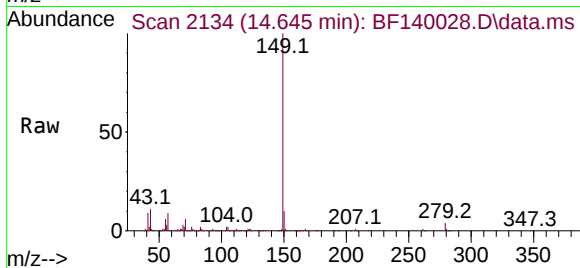
43 10.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

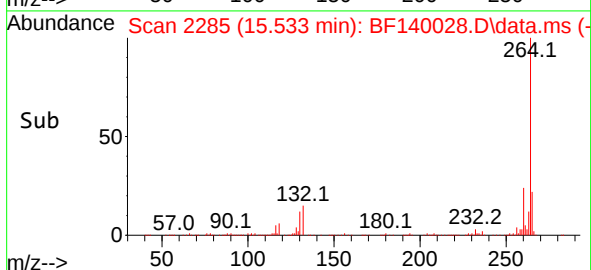
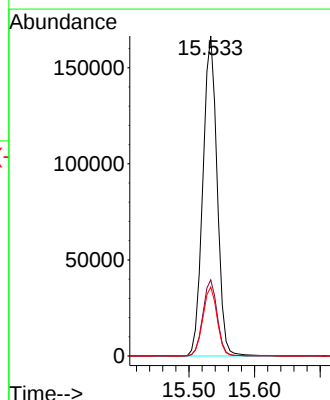
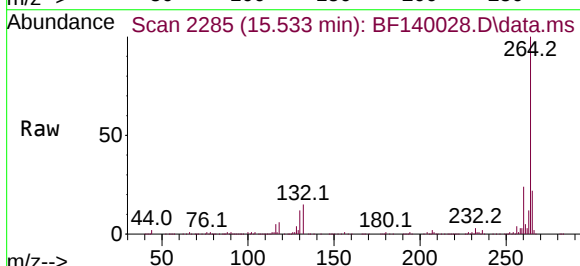
Tgt Ion:264 Resp: 251991

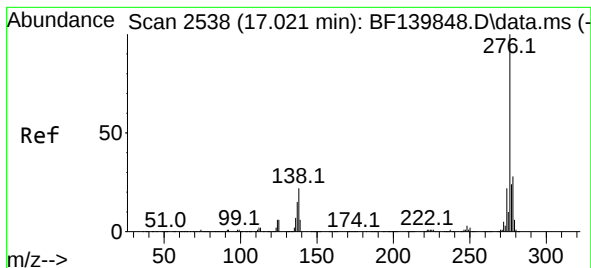
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.099 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion:276 Resp: 63384

Ion Ratio Lower Upper

276 100

138 21.7 20.4 30.6

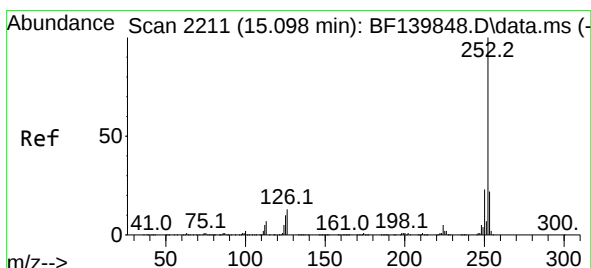
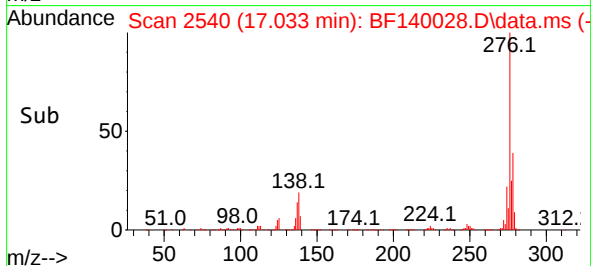
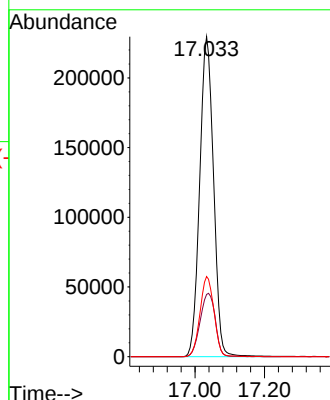
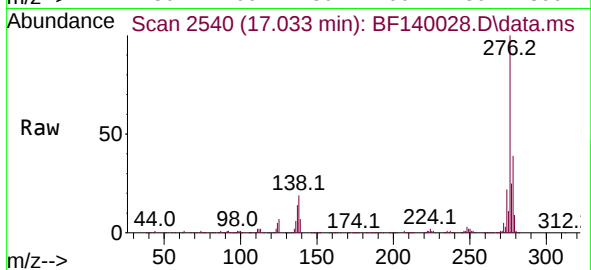
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#88

Benzo(b)fluoranthene

Concen: 39.243 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

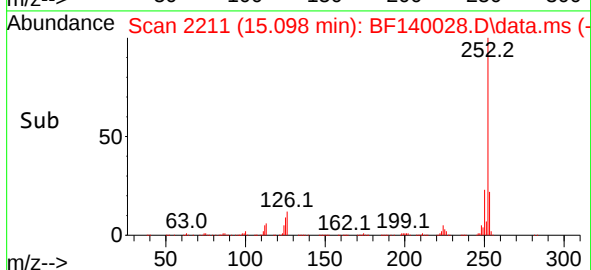
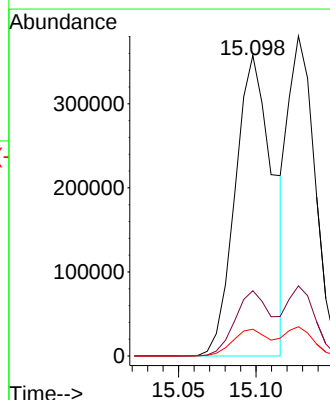
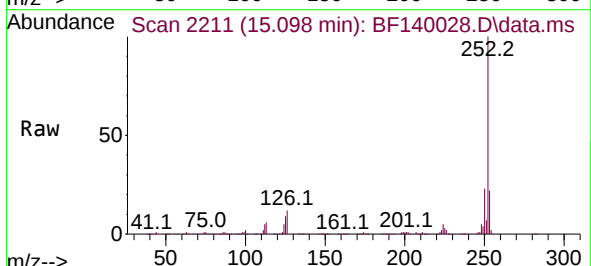
Tgt Ion:252 Resp: 602382

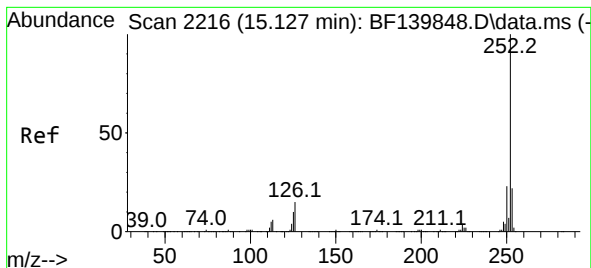
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 34.844 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164366BS

Tgt Ion:252 Resp: 461270

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

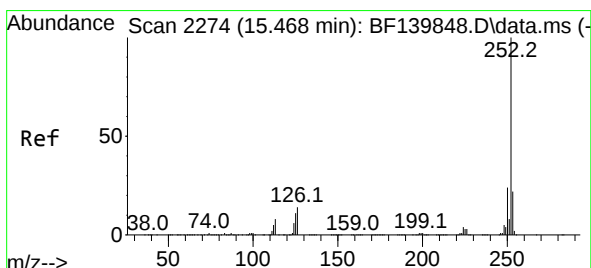
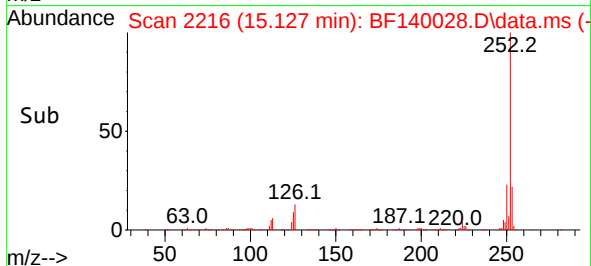
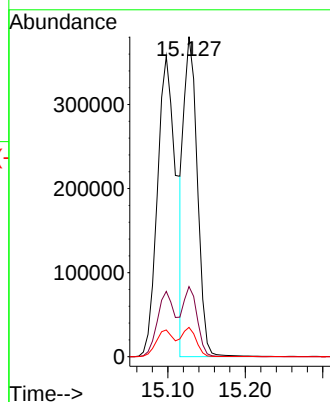
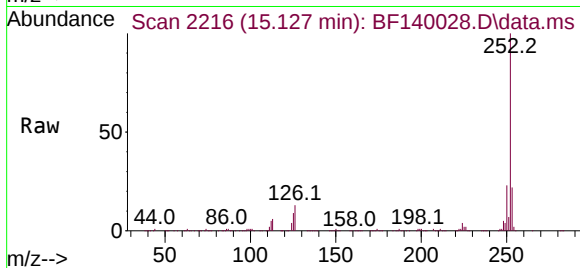
125 9.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#90

Benzo(a)pyrene

Concen: 40.246 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140028.D

Acq: 25 Oct 2024 10:45

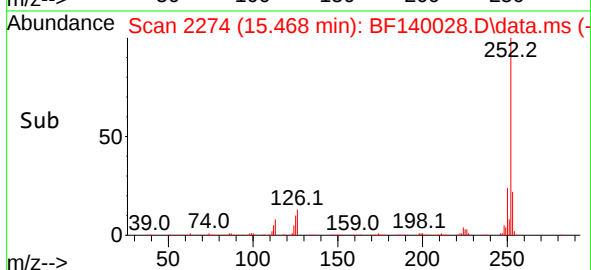
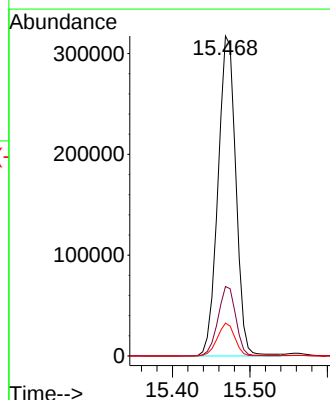
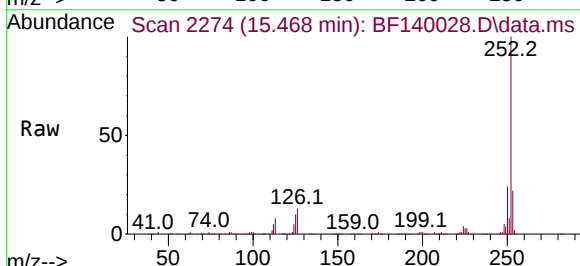
Tgt Ion:252 Resp: 508337

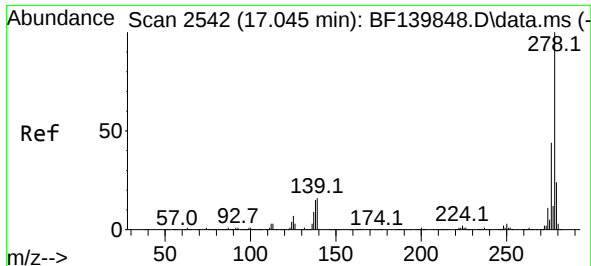
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.3 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 37.633 ng
RT: 17.051 min Scan# 2542
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Instrument :

BNA_F

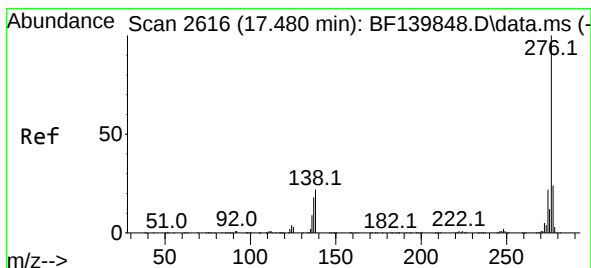
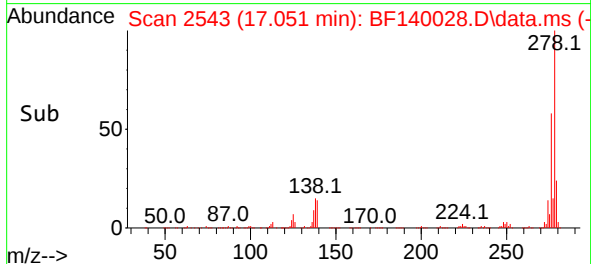
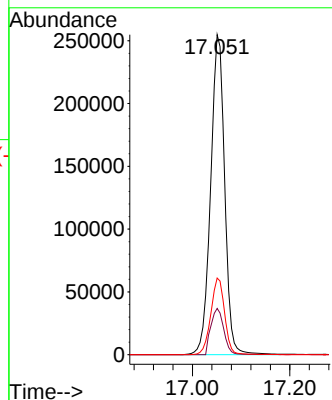
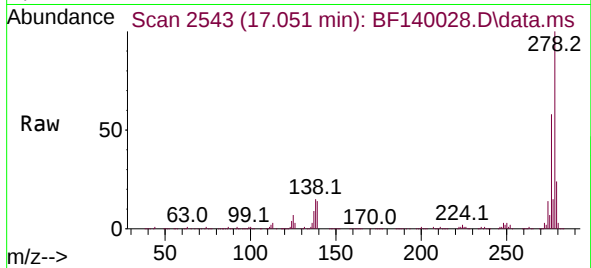
ClientSampleId :

PB164366BS

Tgt Ion:278 Resp: 50894
Ion Ratio Lower Upper
278 100
139 14.4 13.1 19.7
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 36.260 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140028.D
Acq: 25 Oct 2024 10:45

Tgt Ion:276 Resp: 489824
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 19.1 17.4 26.0

