

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140827.D
 Acq On : 11 Dec 2024 14:16
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 15:51:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	79300	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	296016	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	155476	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	317473	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	194551	20.000	ng	0.00
86) Perylene-d12	15.539	264	147656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	437314	94.092	ng	0.01
7) Phenol-d6	6.516	99	560310	91.190	ng	0.00
23) Nitrobenzene-d5	7.428	82	532114	91.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	175381	105.472	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1015272	97.295	ng	-0.02
79) Terphenyl-d14	12.980	244	1238212	99.103	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	78922	40.387	ng	99
3) Pyridine	3.516	79	183868	42.765	ng	99
4) n-Nitrosodimethylamine	3.451	42	109576	43.363	ng	95
6) Aniline	6.528	93	192971	44.620	ng	# 54
8) 2-Chlorophenol	6.657	128	247171	49.432	ng	95
9) Benzaldehyde	6.439	77	1375	0.423	ng	# 84
10) Phenol	6.528	94	305241	48.644	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	222509	46.339	ng	99
12) 1,3-Dichlorobenzene	6.798	146	256331	45.623	ng	98
13) 1,4-Dichlorobenzene	6.875	146	262062	46.065	ng	99
14) 1,2-Dichlorobenzene	7.028	146	248632	46.641	ng	99
15) Benzyl Alcohol	7.016	79	220918	48.482	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	266114	46.911	ng	# 59
17) 2-Methylphenol	7.128	107	190781	47.664	ng	95
18) Hexachloroethane	7.369	117	97094	45.697	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	174984	48.187	ng	95
20) 3+4-Methylphenols	7.286	107	252354	49.050	ng	# 73
22) Acetophenone	7.275	105	336700	46.655	ng	95
24) Nitrobenzene	7.445	77	263832	44.110	ng	98
25) Isophorone	7.692	82	460233	47.680	ng	99
26) 2-Nitrophenol	7.763	139	129924	49.017	ng	97
27) 2,4-Dimethylphenol	7.804	122	219800m	69.307	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	274886	46.746	ng	100
29) 2,4-Dichlorophenol	8.016	162	202470	48.180	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	218364	45.510	ng	99
31) Naphthalene	8.163	128	697512	45.746	ng	100
32) Benzoic acid	7.957	122	150511	53.557	ng	98
33) 4-Chloroaniline	8.222	127	145945	31.969	ng	98
34) Hexachlorobutadiene	8.275	225	142168	44.734	ng	100
35) Caprolactam	8.610	113	62401m	47.982	ng	
36) 4-Chloro-3-methylphenol	8.716	107	216832	46.085	ng	98
37) 2-Methylnaphthalene	8.857	142	445545	46.006	ng	100
38) 1-Methylnaphthalene	8.957	142	414986	43.716	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	224328	49.286	ng	99
41) Hexachlorocyclopentadiene	9.004	237	107850	103.099	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	139232	48.750	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144368	46.576	ng	97
46) 1,1'-Biphenyl	9.322	154	565315	48.701	ng	99
47) 2-Chloronaphthalene	9.345	162	423715	48.173	ng	99
48) 2-Nitroaniline	9.451	65	141533	50.132	ng	99
49) Acenaphthylene	9.763	152	672985	50.640	ng	100
50) Dimethylphthalate	9.622	163	515949	50.388	ng	100
51) 2,6-Dinitrotoluene	9.692	165	114624	49.358	ng	97
52) Acenaphthene	9.933	154	413941	49.021	ng	100
53) 3-Nitroaniline	9.869	138	84889	37.375	ng	94
54) 2,4-Dinitrophenol	9.986	184	128048	103.877	ng	95
55) Dibenzofuran	10.110	168	638272	49.555	ng	99
56) 4-Nitrophenol	10.057	139	139587	90.113	ng	95
57) 2,4-Dinitrotoluene	10.104	165	156131	50.587	ng	# 92
58) Fluorene	10.451	166	522457	50.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	136020	57.099	ng	94
60) Diethylphthalate	10.322	149	522765	50.249	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	255683	50.395	ng	98
62) 4-Nitroaniline	10.492	138	115229m	48.372	ng	
63) Azobenzene	10.604	77	480015	48.722	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	89488	55.161	ng	98
66) n-Nitrosodiphenylamine	10.563	169	453116	48.263	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	154577	47.279	ng	95
68) Hexachlorobenzene	11.004	284	174759	46.162	ng	100
69) Atrazine	11.092	200	137924	52.221	ng	99
70) Pentachlorophenol	11.210	266	144229	86.562	ng	100
71) Phenanthrene	11.422	178	760077	49.806	ng	99
72) Anthracene	11.469	178	760504	50.946	ng	99
73) Carbazole	11.633	167	721298	50.227	ng	99
74) Di-n-butylphthalate	11.945	149	831654	50.162	ng	99
75) Fluoranthene	12.610	202	852241	51.436	ng	100
77) Benzidine	12.739	184	83517	14.765	ng	99
78) Pyrene	12.845	202	864136	48.038	ng	99
80) Butylbenzylphthalate	13.451	149	310326	47.888	ng	98
81) Benzo(a)anthracene	14.033	228	664228	51.577	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	155318	40.169	ng	98
83) Chrysene	14.074	228	560453	47.593	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	364984	44.605	ng	100
85) Di-n-octyl phthalate	14.627	149	475150	42.490	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	536901	55.796	ng	99
88) Benzo(b)fluoranthene	15.104	252	496180	53.499	ng	100
89) Benzo(k)fluoranthene	15.133	252	474303	58.441	ng	99
90) Benzo(a)pyrene	15.480	252	409902	54.357	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	452499	57.420	ng	100
92) Benzo(g,h,i)perylene	17.521	276	441107	54.853	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

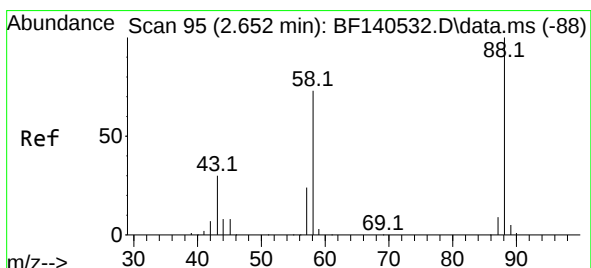
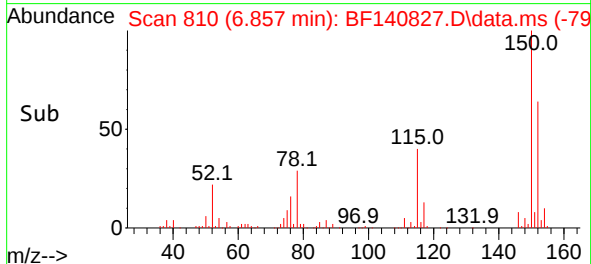
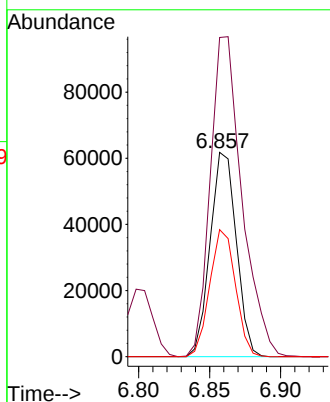
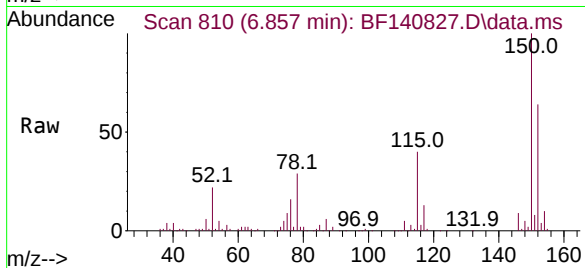
PB165479BSD

Tgt Ion:152 Resp: 79300
Ion Ratio Lower Upper
152 100
150 156.3 128.5 192.7
115 62.2 50.2 75.4

Manual Integrations

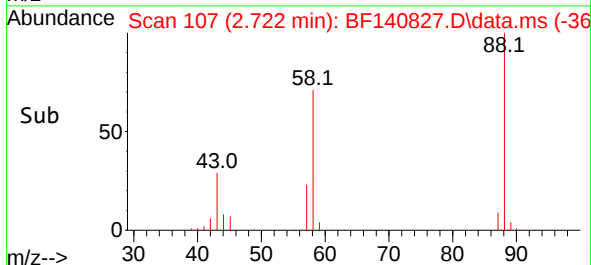
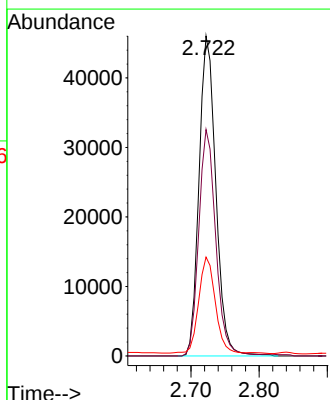
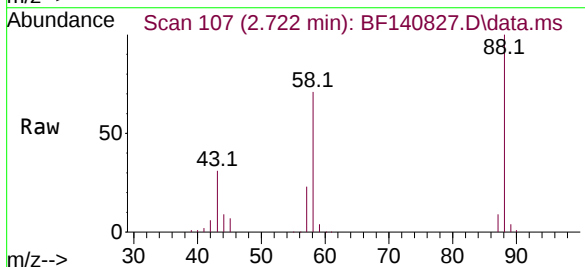
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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 40.387 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.071 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

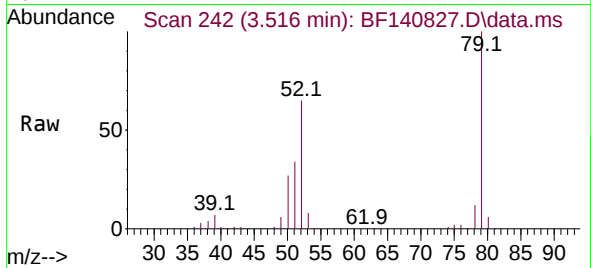
Tgt Ion: 88 Resp: 78922
Ion Ratio Lower Upper
88 100
58 71.5 57.4 86.2
43 29.5 24.3 36.5





#3
Pyridine
Concen: 42.765 ng
RT: 3.516 min Scan# 242
Delta R.T. 0.094 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

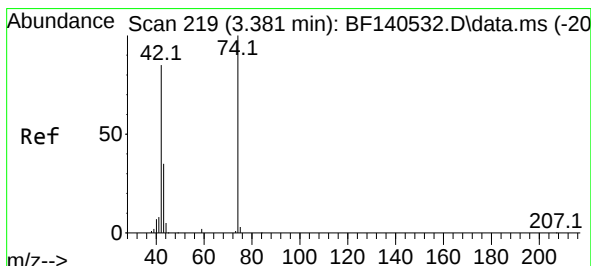
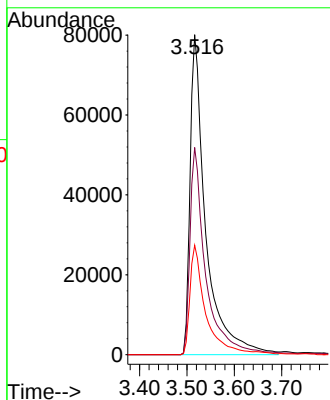
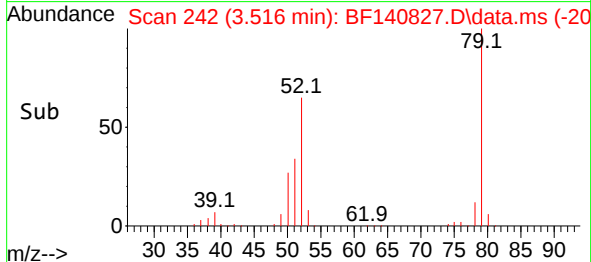
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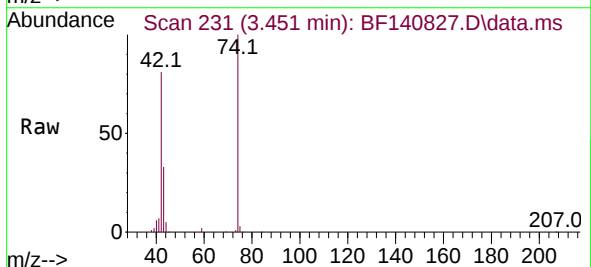
Tgt Ion: 79 Resp: 18386
Ion Ratio Lower Upper
79 100
52 64.8 52.1 78.1
51 34.2 27.8 41.8

Manual Integrations
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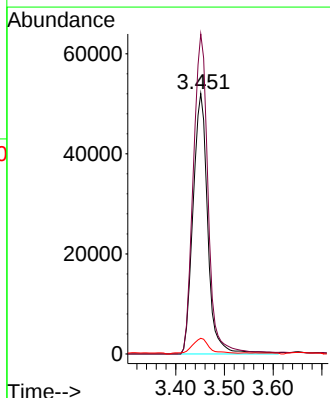
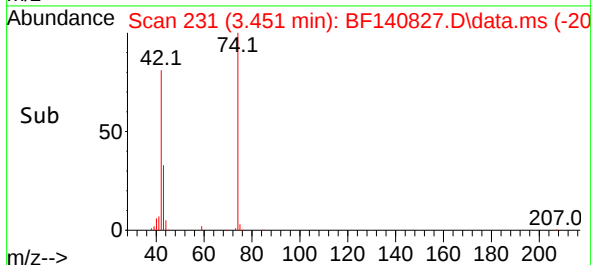
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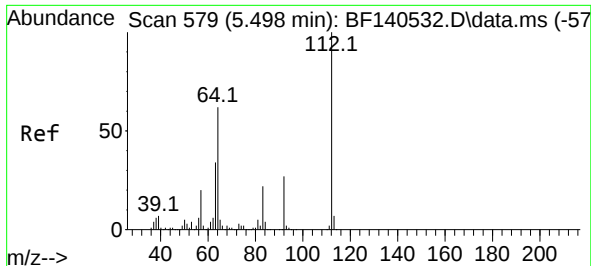


#4
n-Nitrosodimethylamine
Concen: 43.363 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.071 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



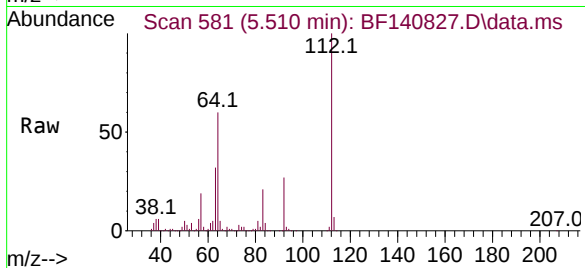
Tgt Ion: 42 Resp: 109576
Ion Ratio Lower Upper
42 100
74 122.8 93.8 140.6
44 6.0 4.6 6.8





#5
2-Fluorophenol
Concen: 94.092 ng
RT: 5.510 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

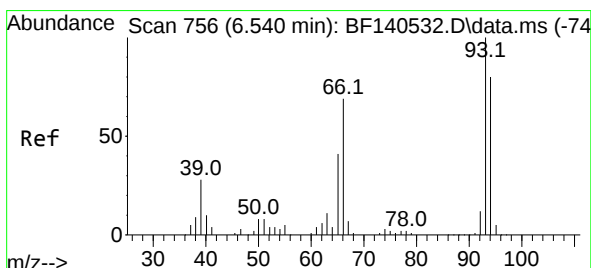
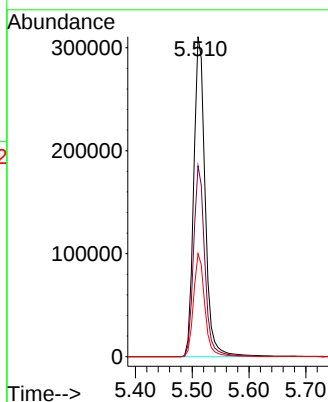
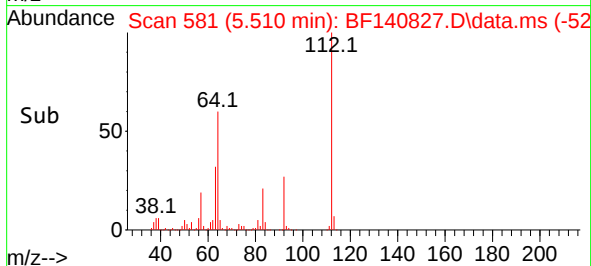
Instrument :
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Tgt Ion:112 Resp: 437314
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.2 27.0 40.4

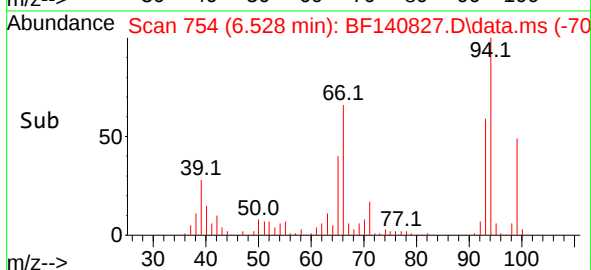
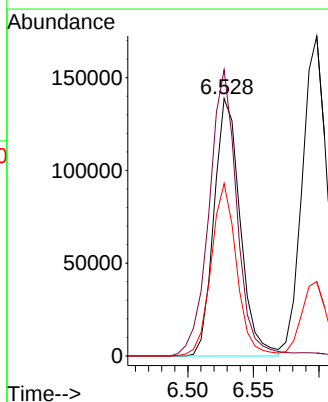
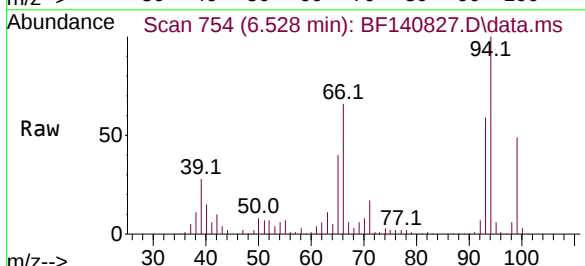
Manual Integrations
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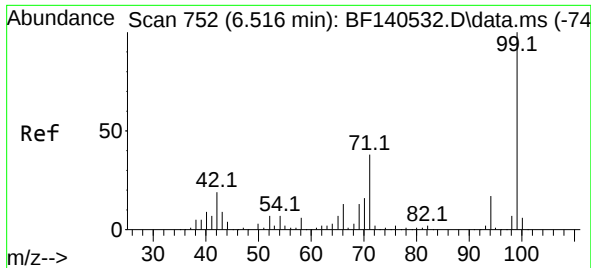
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 44.620 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

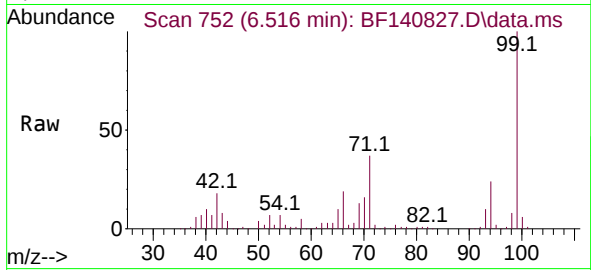
Tgt Ion: 93 Resp: 192971
Ion Ratio Lower Upper
93 100
66 111.2 56.5 84.7#
65 67.0 32.9 49.3#





#7
Phenol-d6
Concen: 91.190 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

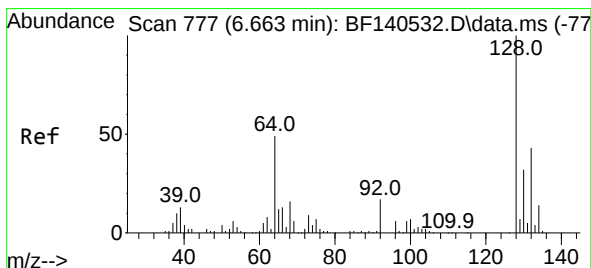
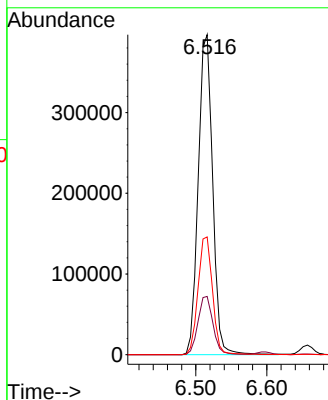
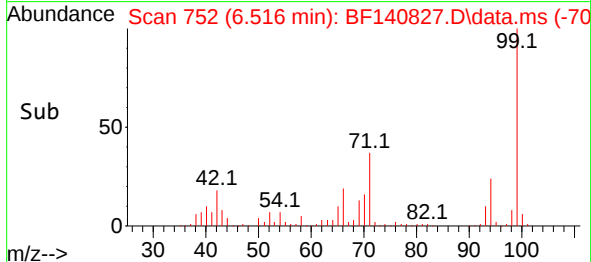
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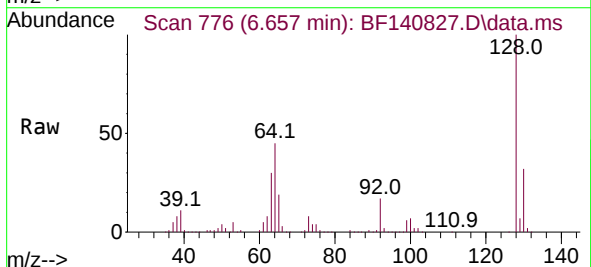
Tgt Ion: 99 Resp: 560310
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.8 30.6 46.0

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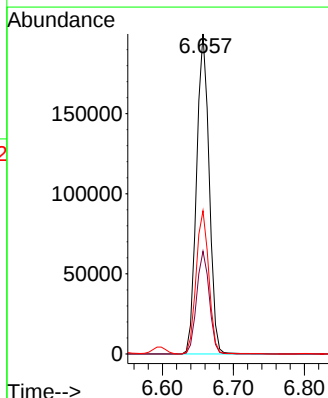
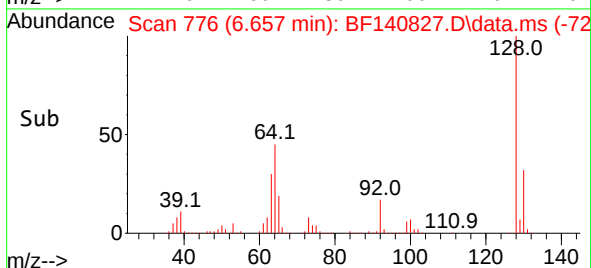
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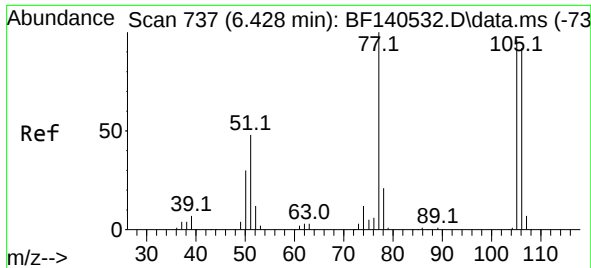


#8
2-Chlorophenol
Concen: 49.432 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



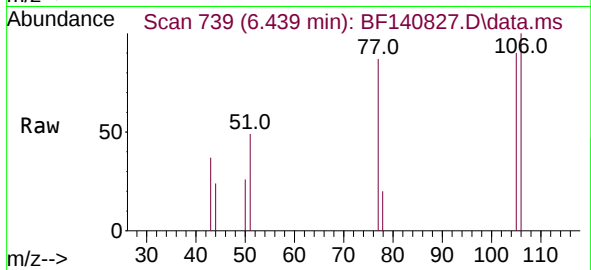
Tgt Ion:128 Resp: 247171
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 44.7 30.2 70.2





#9
Benzaldehyde
Concen: 0.423 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.011 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

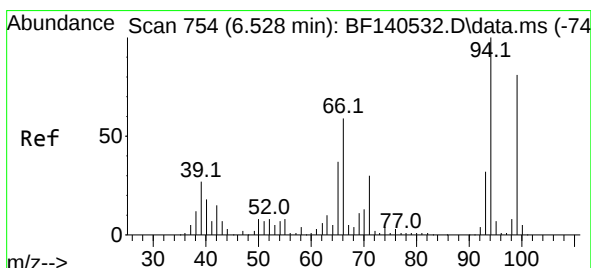
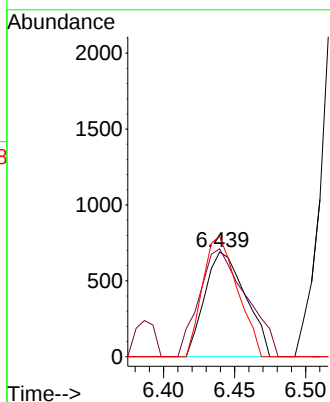
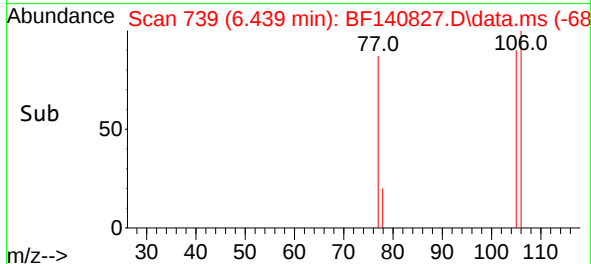


Tgt Ion: 77 Resp: 137

Ion	Ratio	Lower	Upper
77	100		
105	103.0	75.6	115.6
106	114.9	72.0	112.0

Manual Integrations
APPROVED

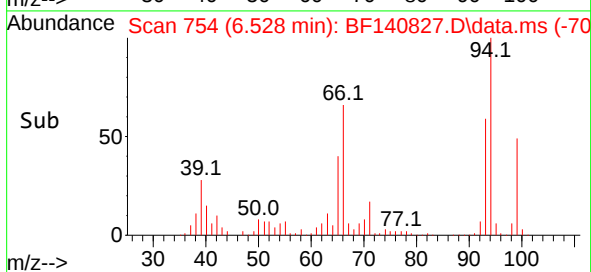
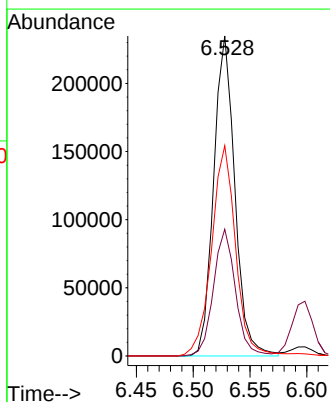
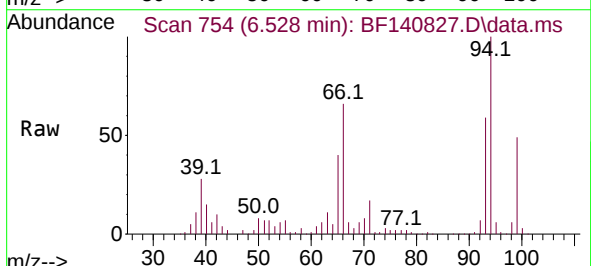
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 48.644 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion: 94 Resp: 305241

Ion	Ratio	Lower	Upper
94	100		
65	39.6	17.2	57.2
66	65.7	39.2	79.2





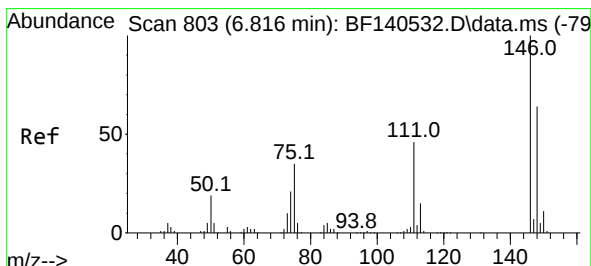
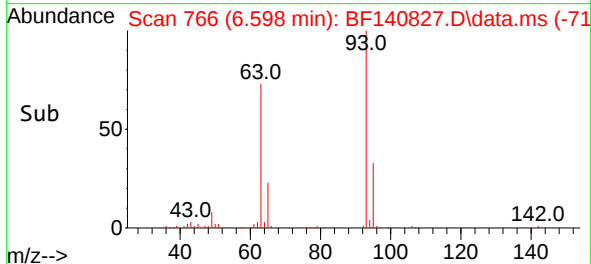
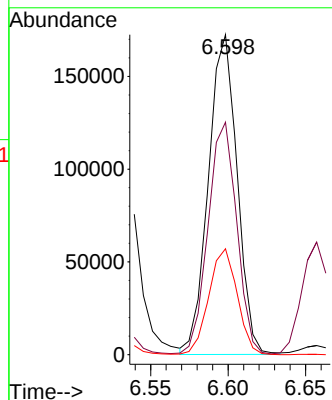
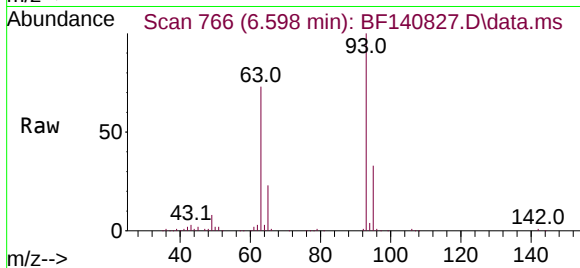
#11
bis(2-Chloroethyl)ether
Concen: 46.339 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion: 93 Resp: 222509
Ion Ratio Lower Upper
93 100
63 72.6 52.8 92.8
95 33.1 12.3 52.3

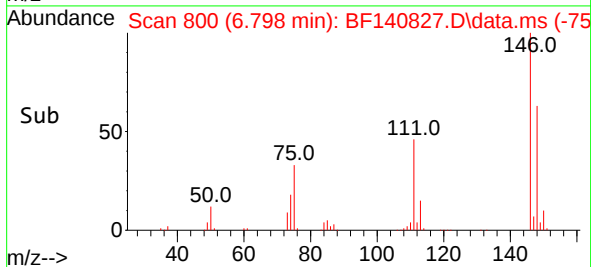
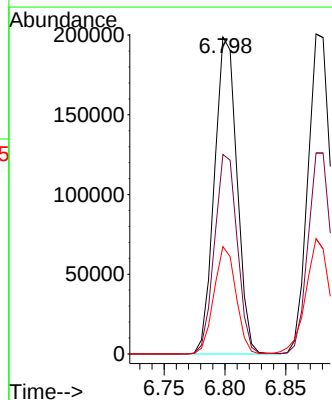
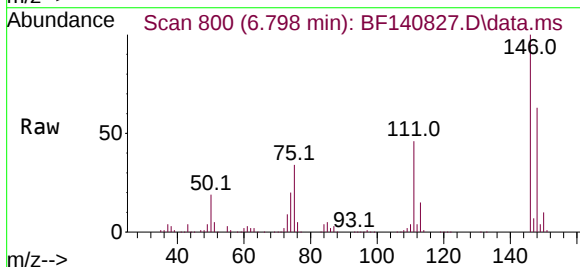
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.623 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:146 Resp: 256331
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 33.9 28.2 42.2





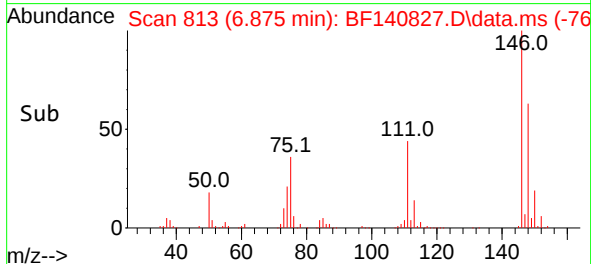
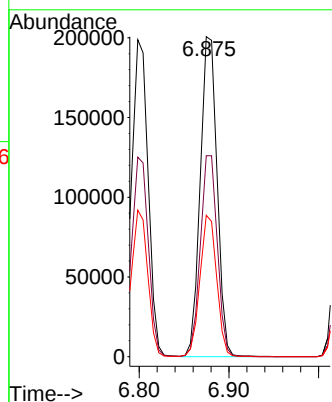
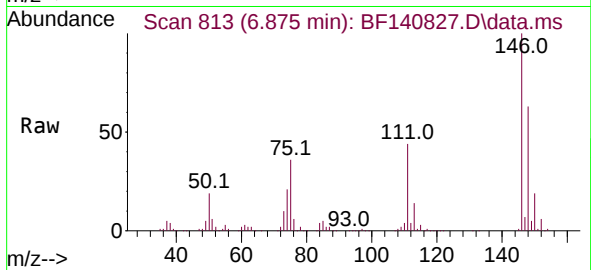
#13
1,4-Dichlorobenzene
Concen: 46.065 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion:146 Resp: 262062
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 44.2 35.3 52.9

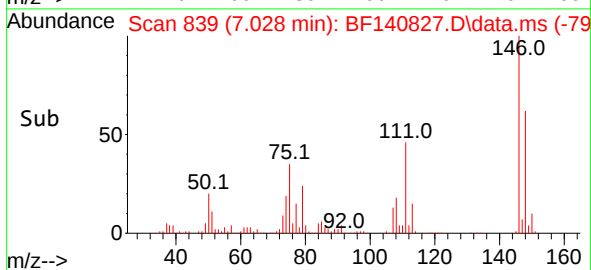
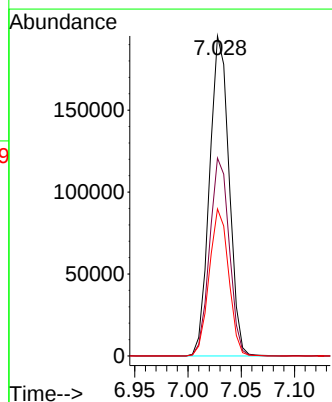
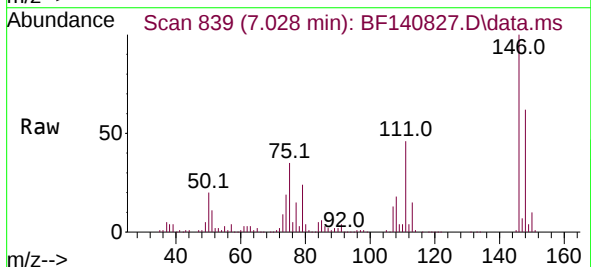
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 46.641 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

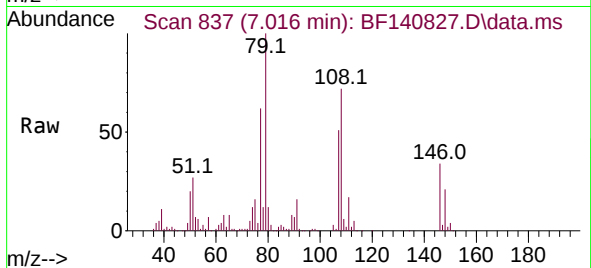
Tgt Ion:146 Resp: 248632
Ion Ratio Lower Upper
146 100
148 61.9 50.5 75.7
111 46.0 36.7 55.1





#15
Benzyl Alcohol
Concen: 48.482 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

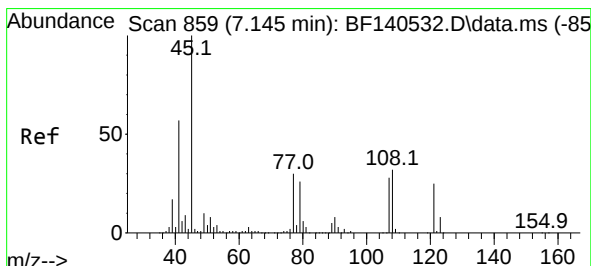
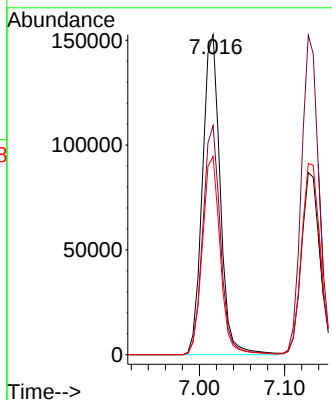
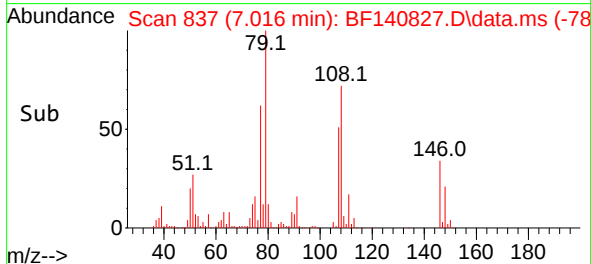
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion: 79 Resp: 220918
Ion Ratio Lower Upper
79 100
108 71.6 55.0 82.6
77 62.0 50.1 75.1

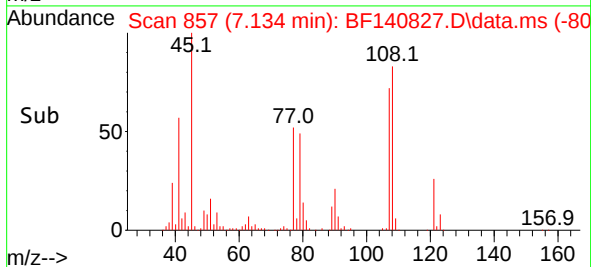
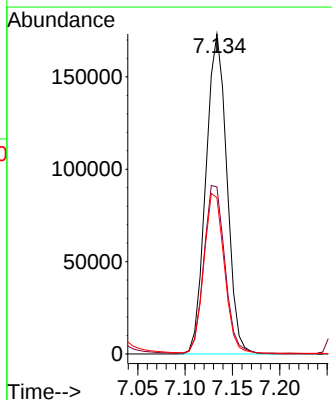
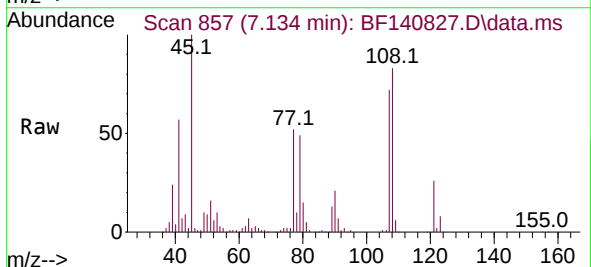
Manual Integrations
APPROVED

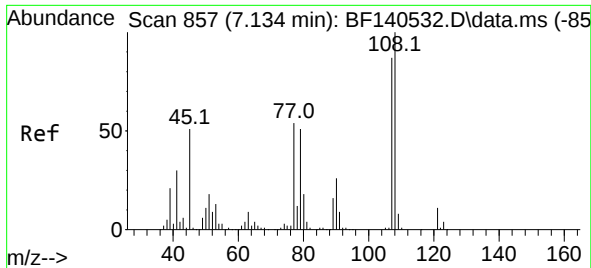
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.911 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

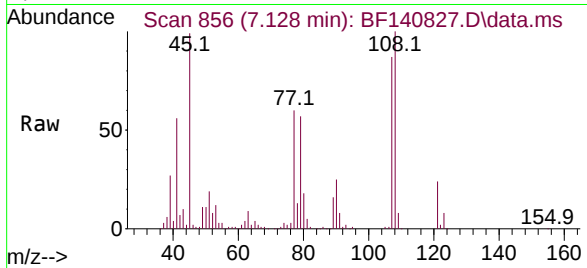
Tgt Ion: 45 Resp: 266114
Ion Ratio Lower Upper
45 100
77 52.2 10.7 50.7#
79 48.9 7.0 47.0#





#17
2-Methylphenol
Concen: 47.664 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

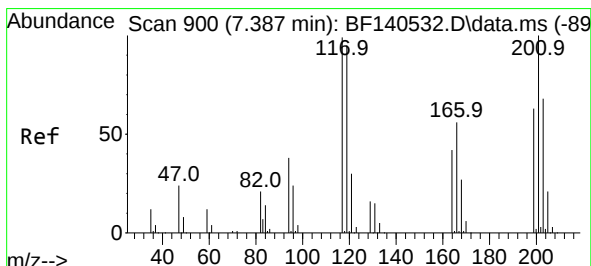
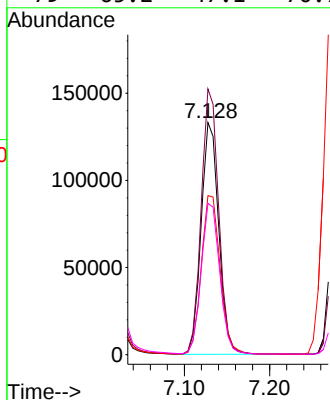
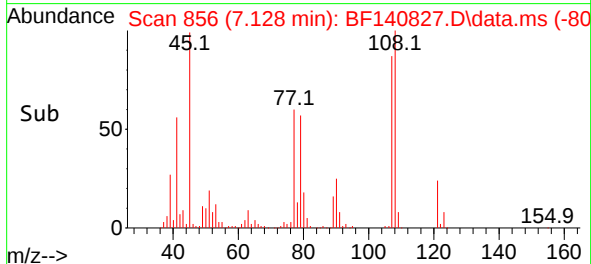
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion:107 Resp: 19078
Ion Ratio Lower Upper
107 100
108 114.5 91.7 137.5
77 68.5 49.3 73.9
79 65.2 47.1 70.7

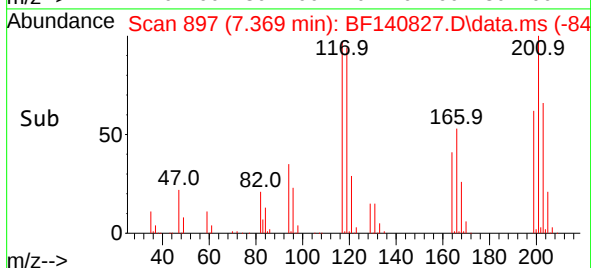
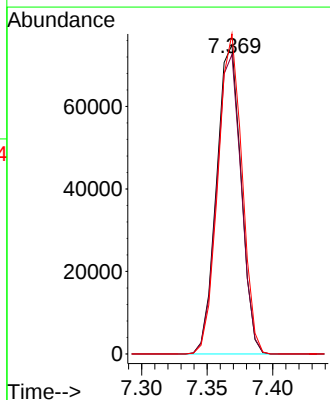
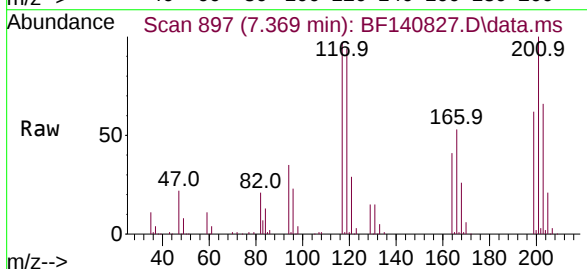
Manual Integrations
APPROVED

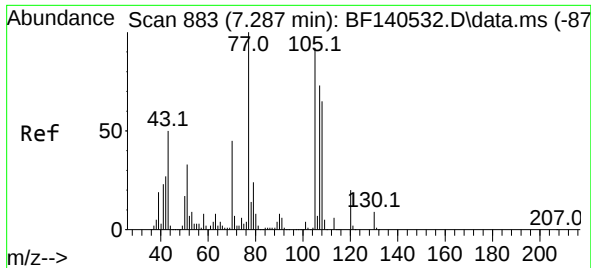
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 45.697 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:117 Resp: 97094
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7
201 103.5 81.1 121.7





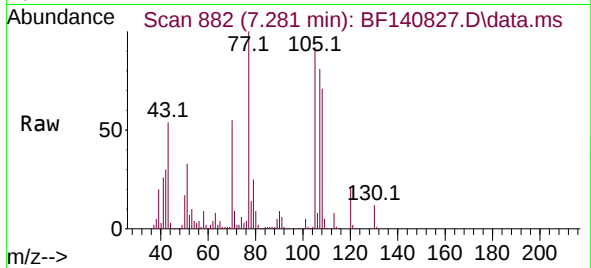
#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD



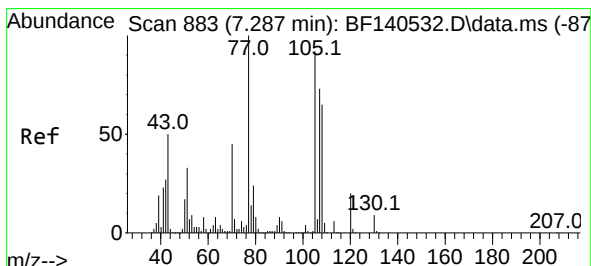
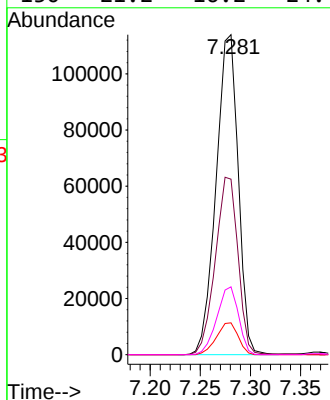
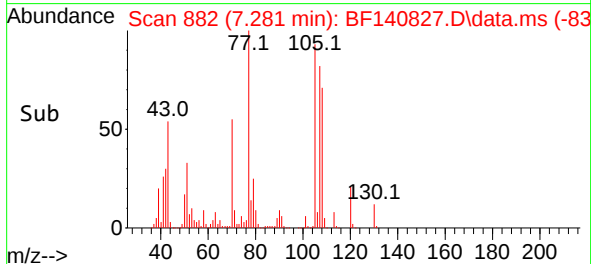
Tgt Ion: 70 Resp: 174984
Ion Ratio Lower Upper
70 100
42 54.9 47.6 71.4
101 9.9 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations

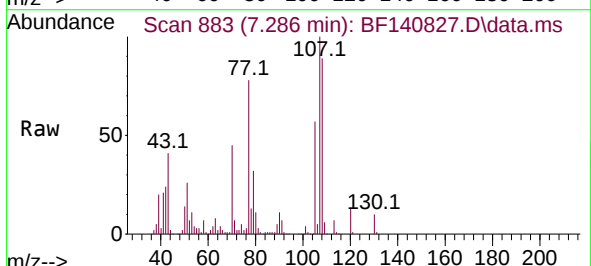
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

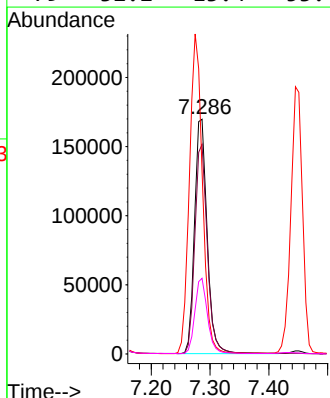
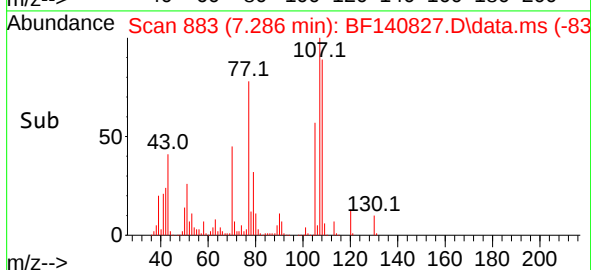
Supervised By :mohammad ahmed 12/12/2024

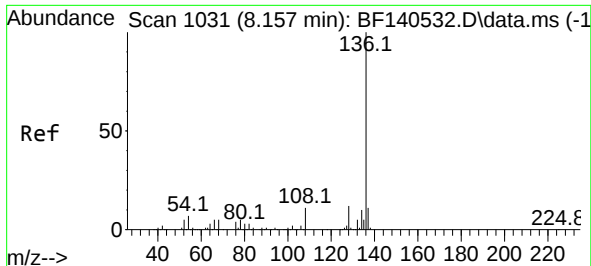


#20
3+4-Methylphenols
Concen: 49.050 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:107 Resp: 252354
Ion Ratio Lower Upper
107 100
108 89.3 69.9 109.9
77 77.9 117.7 157.7#
79 32.2 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

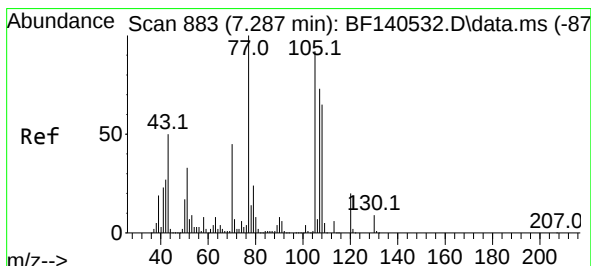
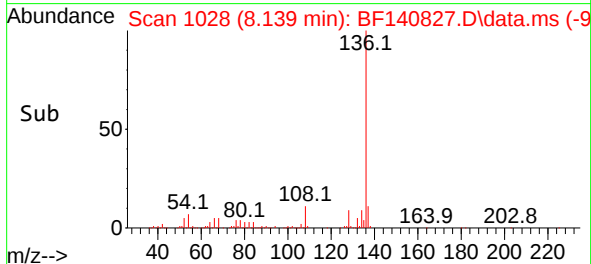
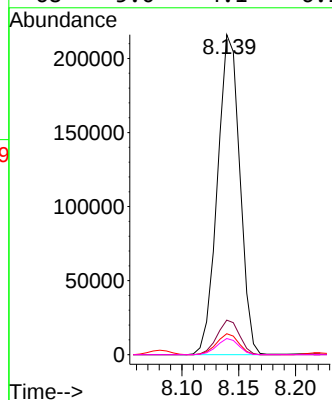
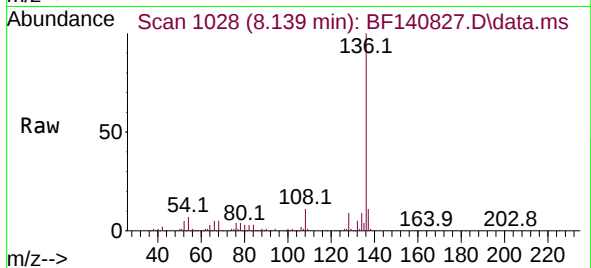
PB165479BSD

Tgt Ion:136 Resp: 296010
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.5 5.8 8.8
68 5.0 4.1 6.1

Manual Integrations

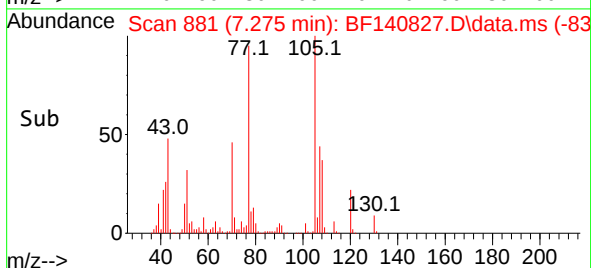
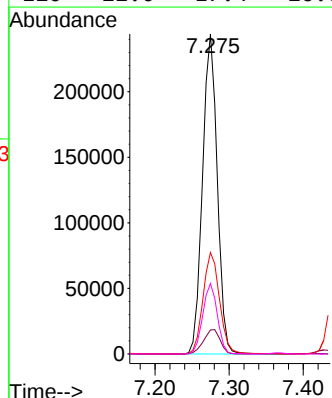
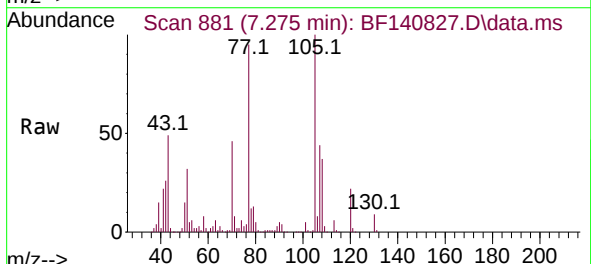
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 46.655 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:105 Resp: 336700
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 31.7 29.0 43.6
120 22.0 17.4 26.0





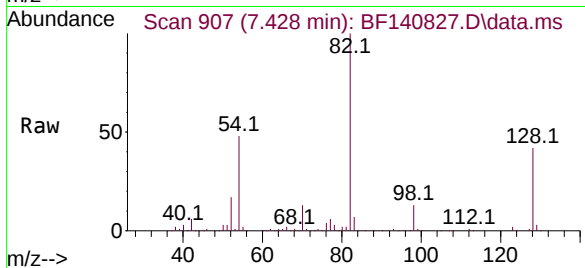
#23
Nitrobenzene-d5
Concen: 91.947 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

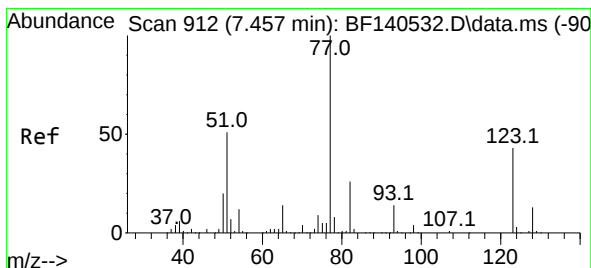
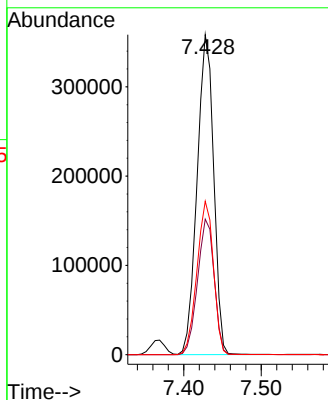
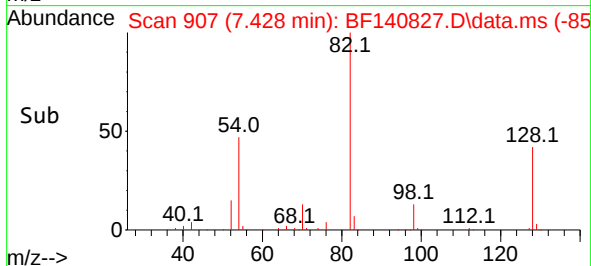


Tgt Ion: 82 Resp: 532114
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 47.9 39.5 59.3

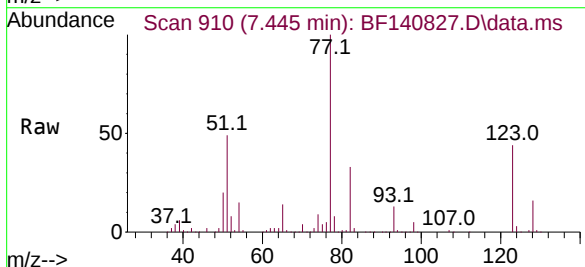
Manual Integrations

APPROVED

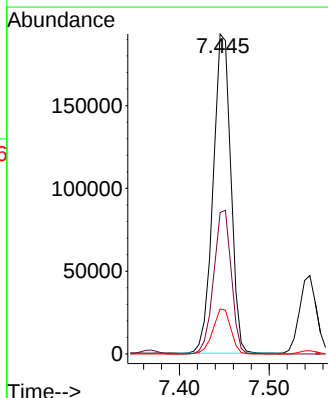
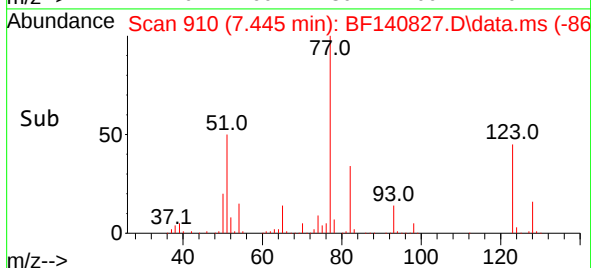
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 44.110 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



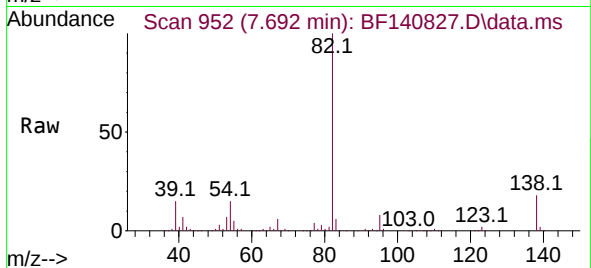
Tgt Ion: 77 Resp: 263832
Ion Ratio Lower Upper
77 100
123 44.2 34.3 51.5
65 14.1 11.2 16.8





#25
Isophorone
Concen: 47.680 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

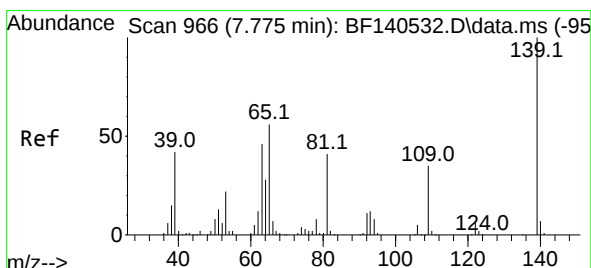
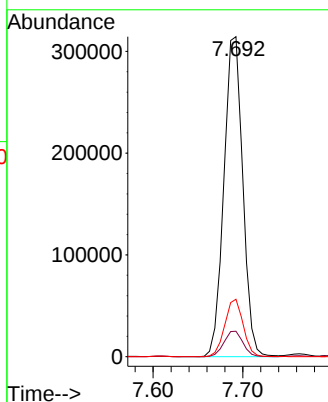
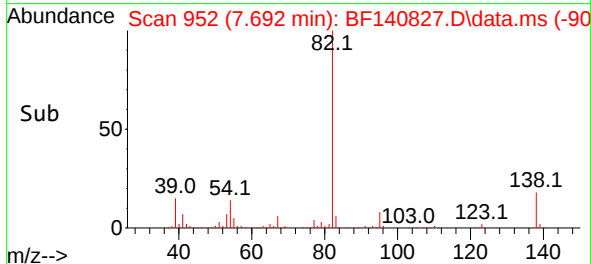
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion: 82 Resp: 46023
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.0 13.8 20.6

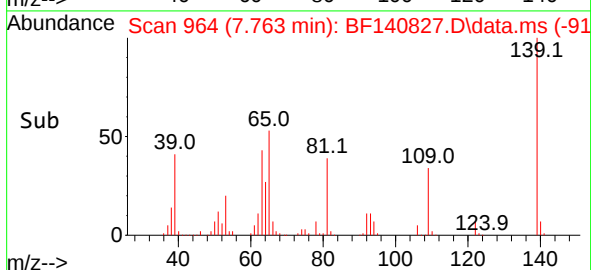
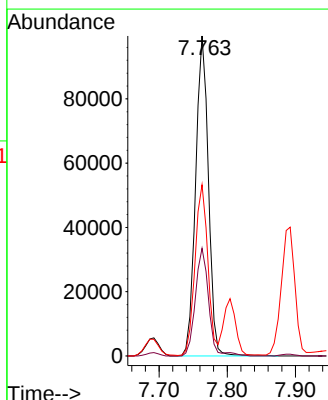
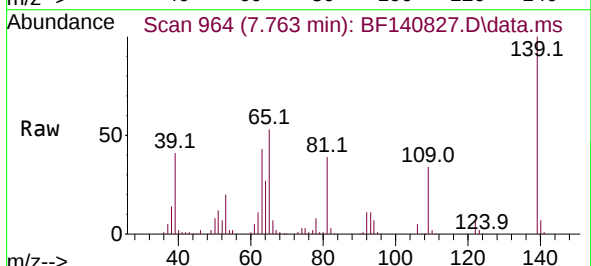
Manual Integrations
APPROVED

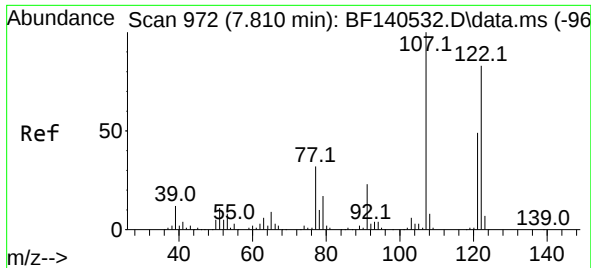
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 49.017 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:139 Resp: 129924
Ion Ratio Lower Upper
139 100
109 33.6 28.0 42.0
65 53.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 69.307 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

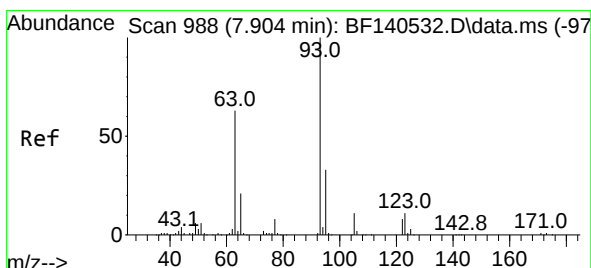
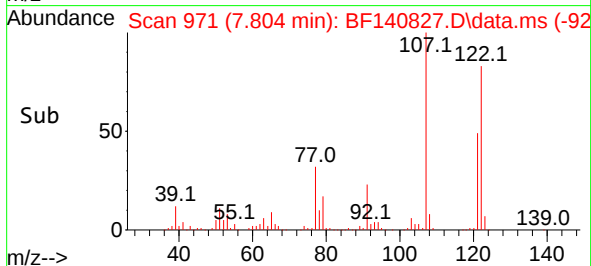
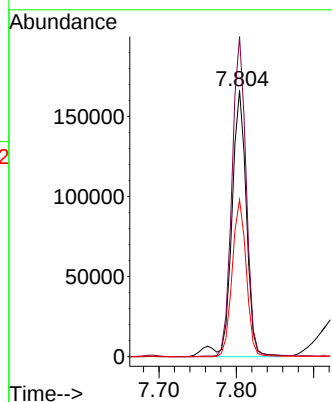
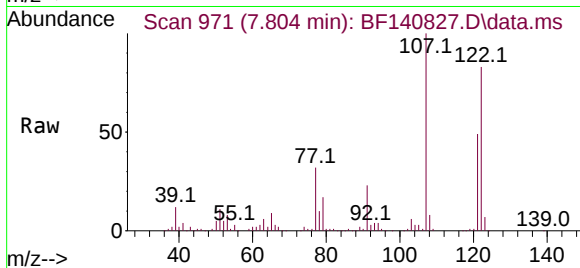
ClientSampleId :

PB165479BSD

Tgt Ion:122 Resp: 219800
Ion Ratio Lower Upper
122 100
107 120.2 96.8 145.2
121 59.0 47.4 71.0

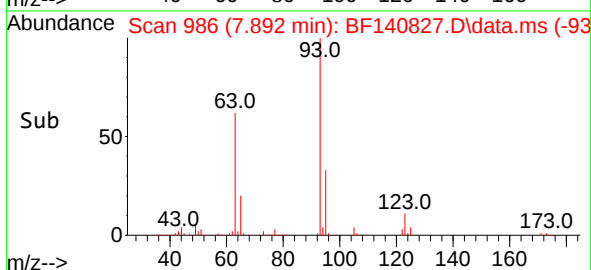
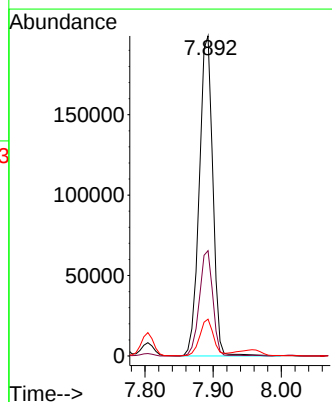
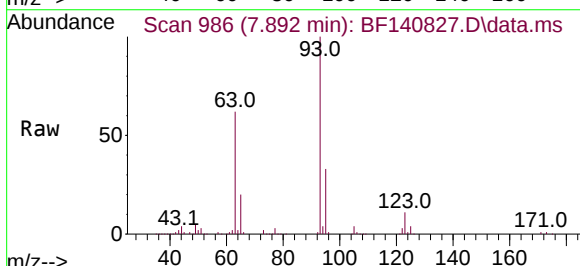
Manual Integrations
APPROVED

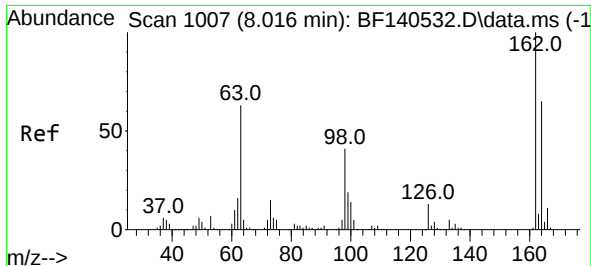
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.746 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion: 93 Resp: 274886
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.180 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

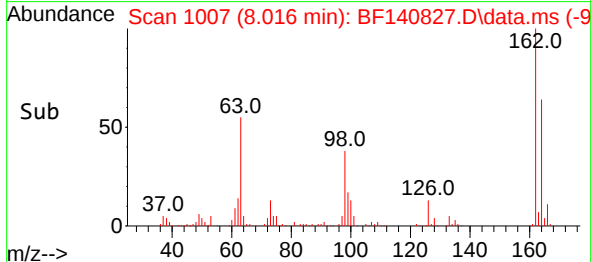
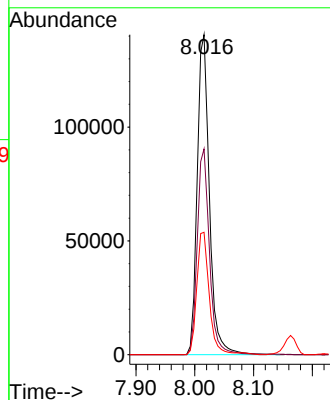
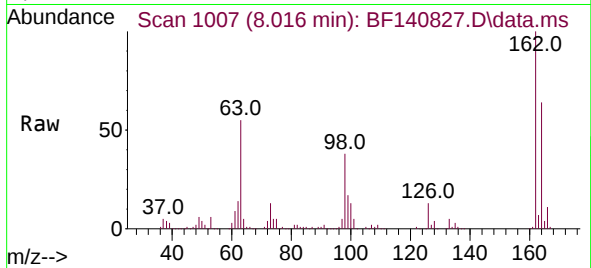
Tgt Ion:162 Resp: 202470
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.8 84.8
 98 38.3 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.510 ng

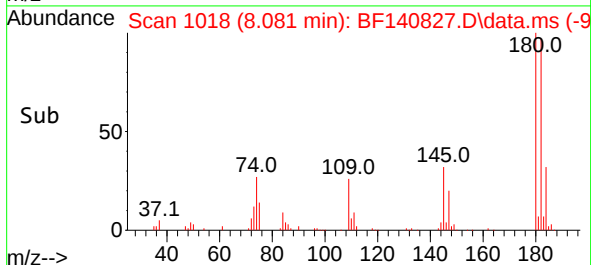
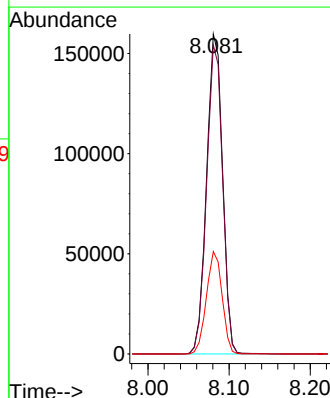
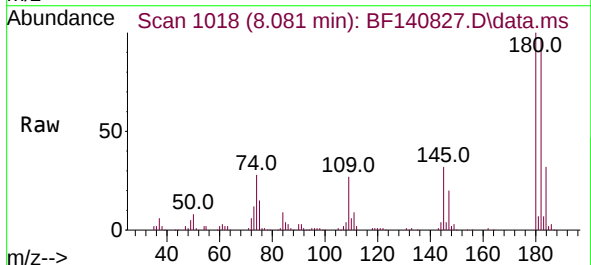
RT: 8.081 min Scan# 1018

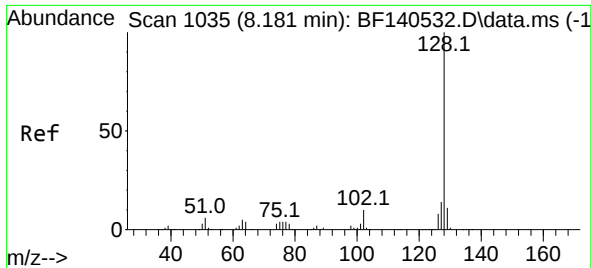
Delta R.T. -0.018 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Tgt Ion:180 Resp: 218364
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.4 114.6
 145 32.0 25.9 38.9





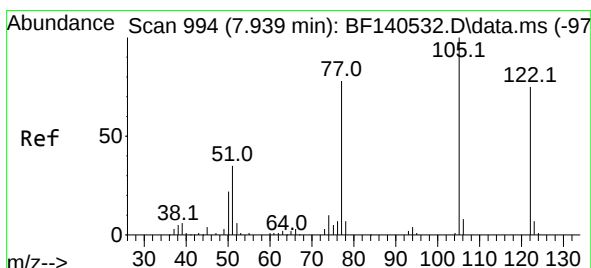
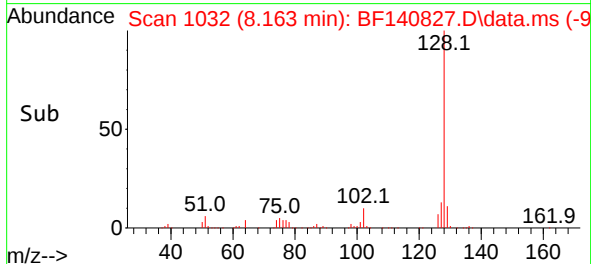
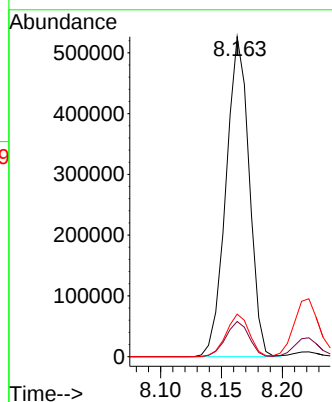
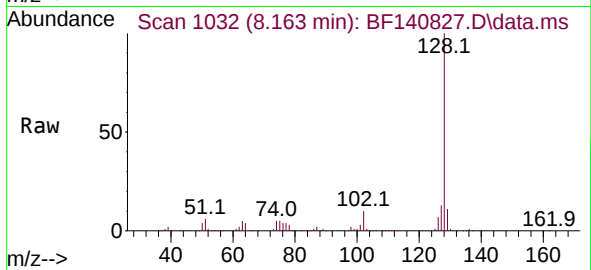
#31
Naphthalene
Concen: 45.746 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion:128 Resp: 69751
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2

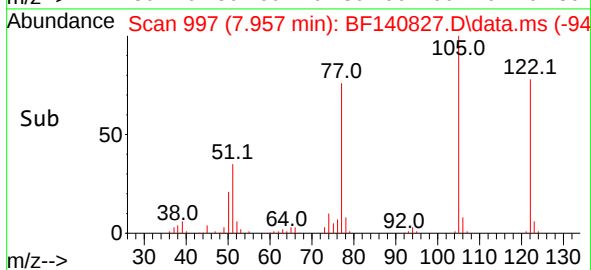
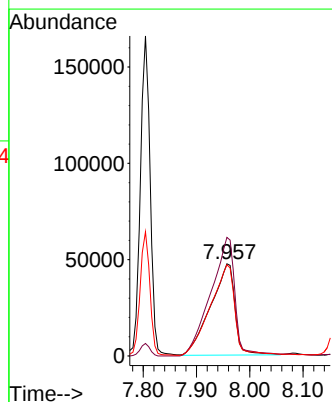
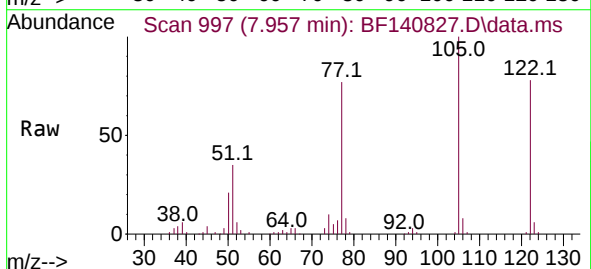
Manual Integrations
APPROVED

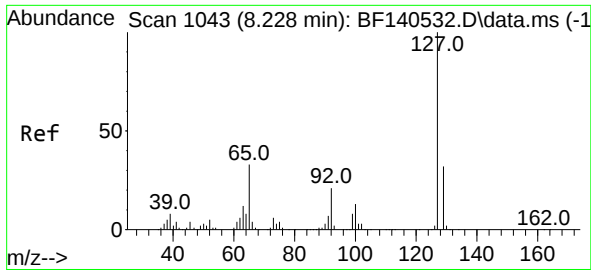
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 53.557 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:122 Resp: 150511
Ion Ratio Lower Upper
122 100
105 128.6 109.3 149.3
77 99.0 82.3 122.3





#33
4-Chloroaniline
Concen: 31.969 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

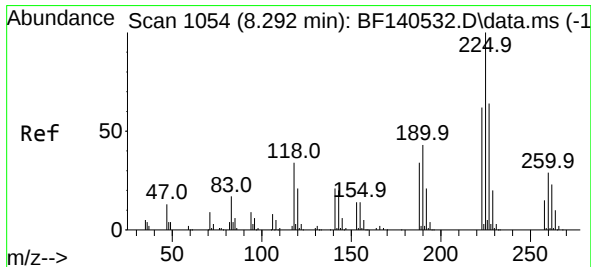
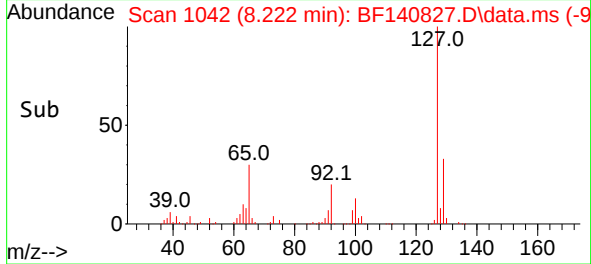
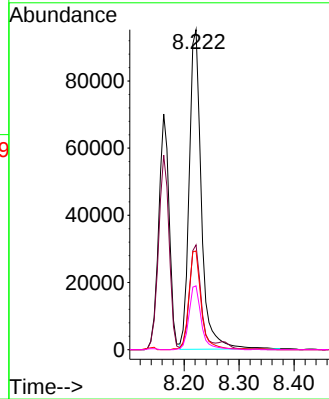
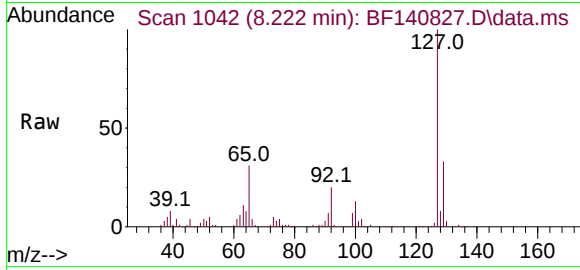
Tgt Ion:127 Resp: 14594
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 30.9 26.0 39.0
92 20.0 16.7 25.1

Manual Integrations

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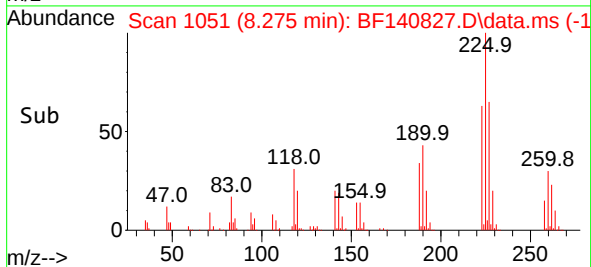
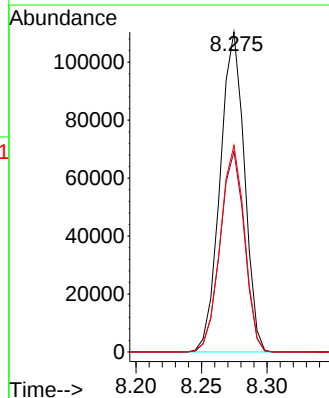
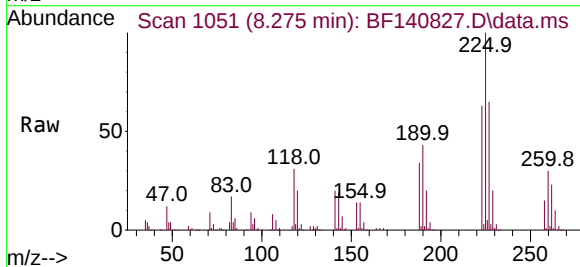
Reviewed By :Yogesh Patel 12/12/2024

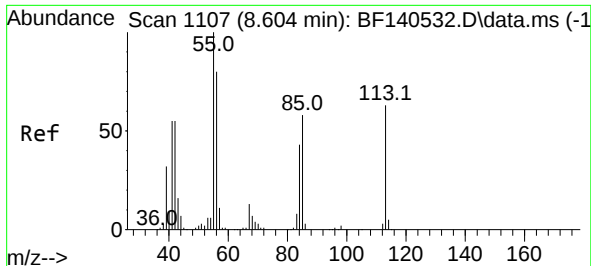
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 44.734 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

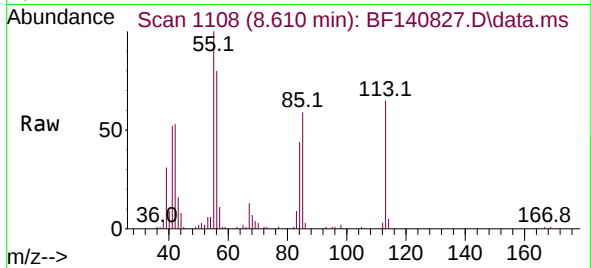
Tgt Ion:225 Resp: 142168
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 64.5 51.3 76.9





#35
 Caprolactam
 Concen: 47.982 ng m
 RT: 8.610 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF140827.D
 Acq: 11 Dec 2024 14:16

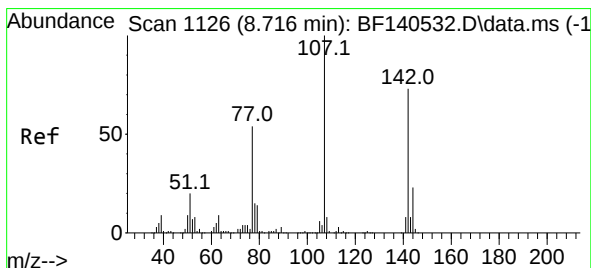
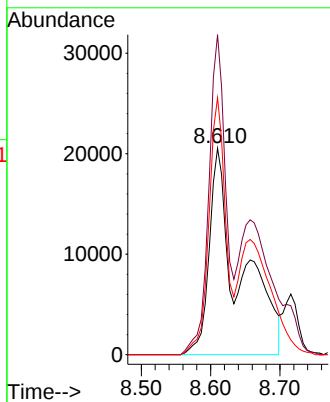
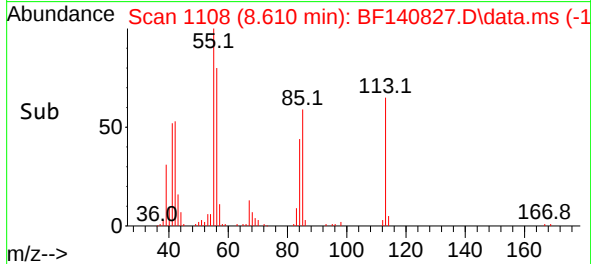
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD



Tgt Ion:113 Resp: 6240
 Ion Ratio Lower Upper
 113 100
 55 155.0 137.7 177.7
 56 124.5 106.4 146.4

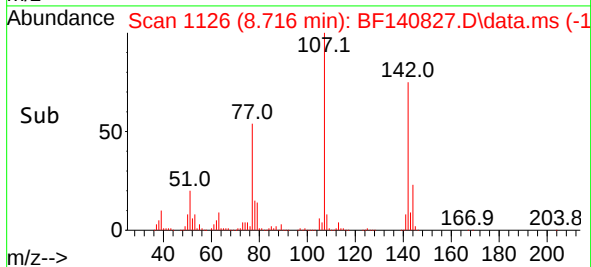
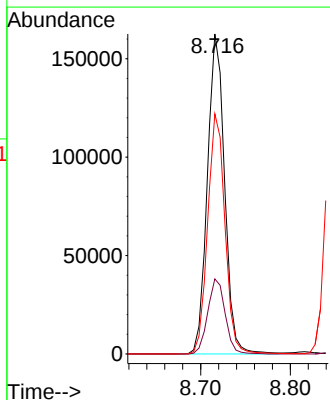
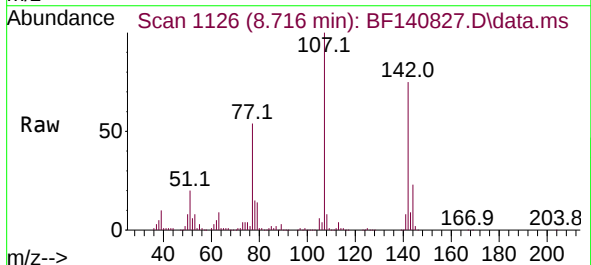
Manual Integrations
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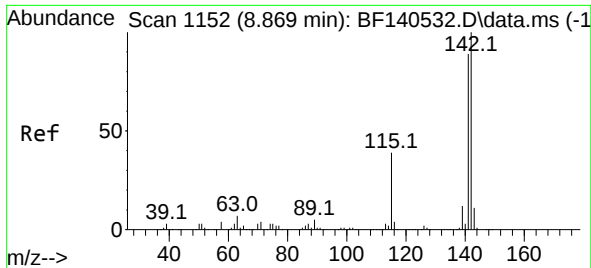
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#36
 4-Chloro-3-methylphenol
 Concen: 46.085 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140827.D
 Acq: 11 Dec 2024 14:16

Tgt Ion:107 Resp: 216832
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.7 28.1
 142 75.0 58.3 87.5





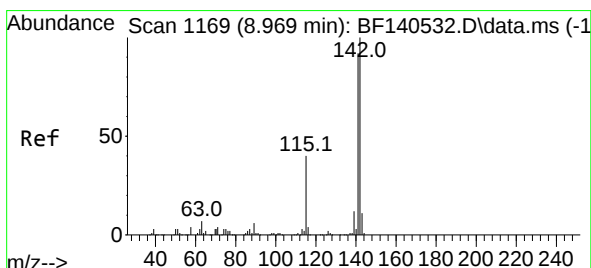
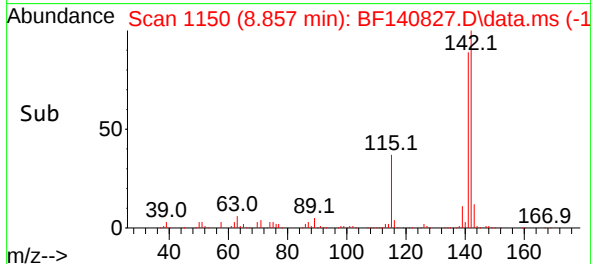
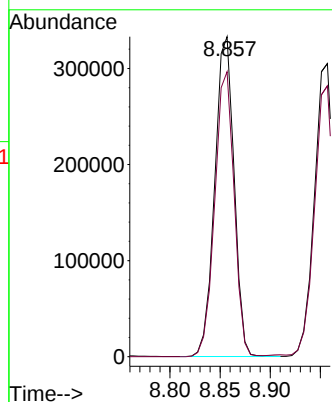
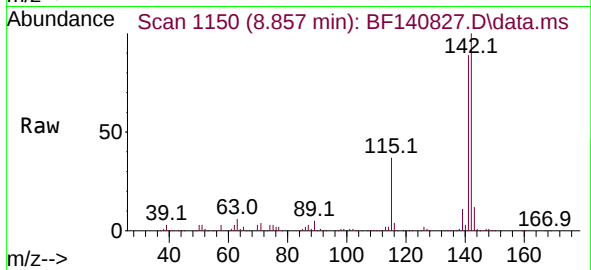
#37
2-Methylnaphthalene
Concen: 46.006 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion:142 Resp: 445549
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6

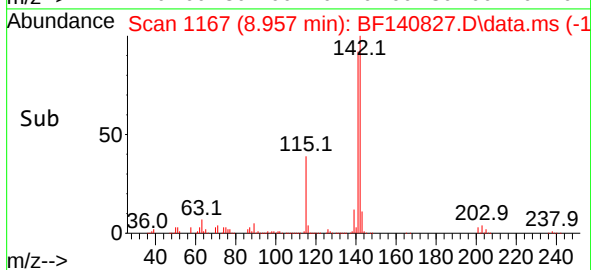
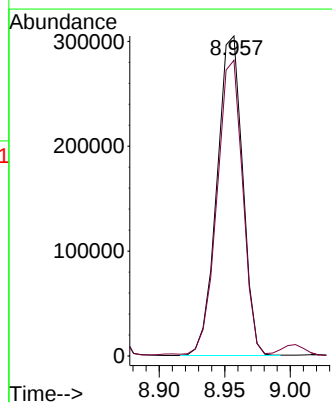
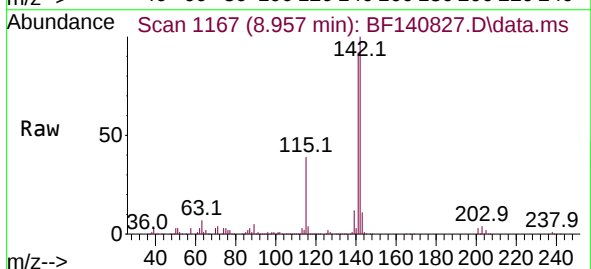
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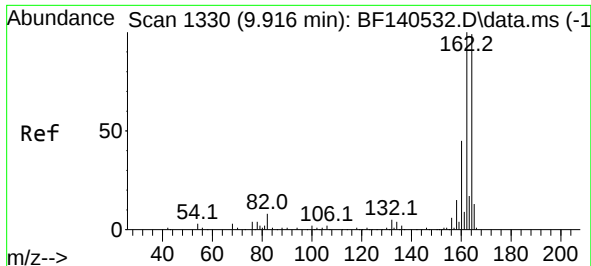
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 43.716 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:142 Resp: 414986
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9





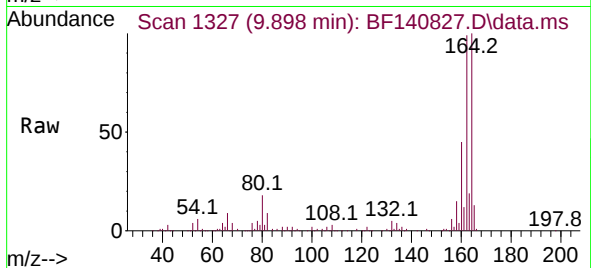
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

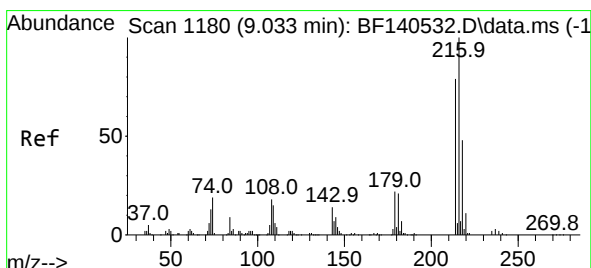
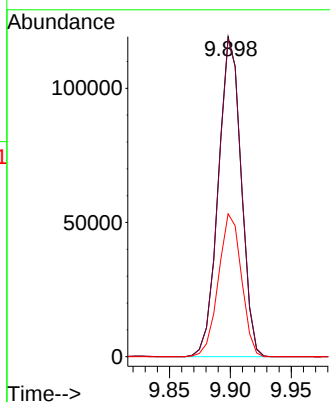
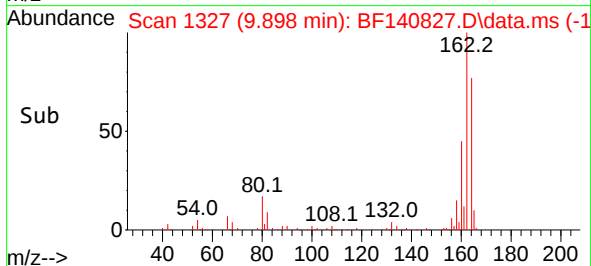


Tgt Ion:164 Resp: 155470
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.7 36.2 54.4

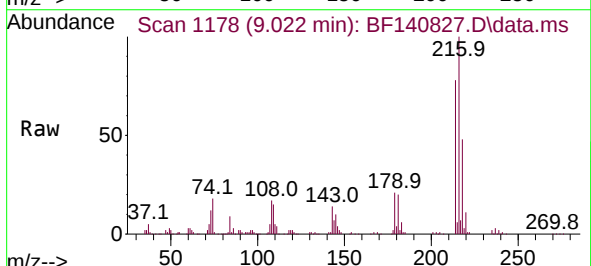
Manual Integrations

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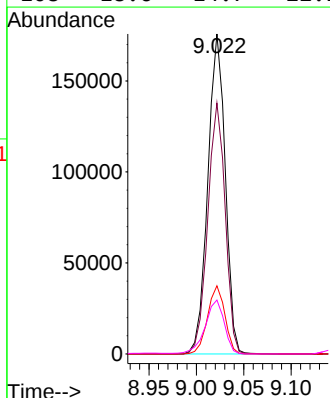
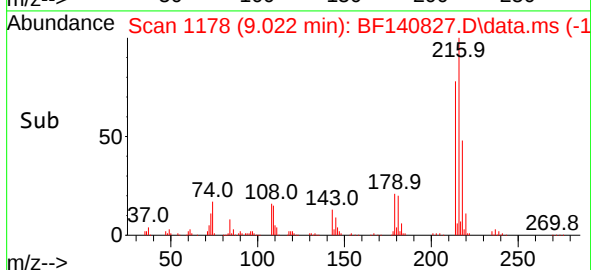
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.286 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:216 Resp: 224328
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.2 17.5 26.3
108 18.6 14.7 22.1





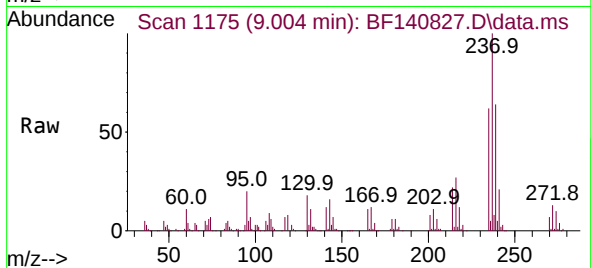
#41
Hexachlorocyclopentadiene
Concen: 103.099 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

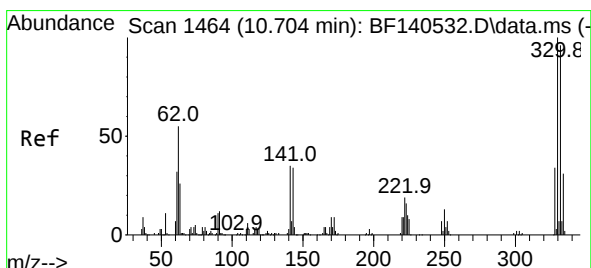
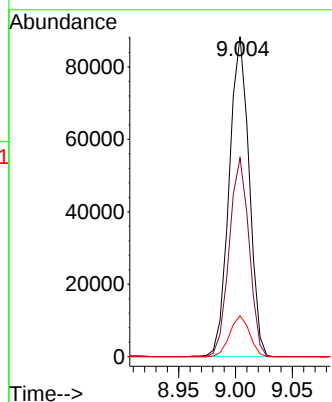
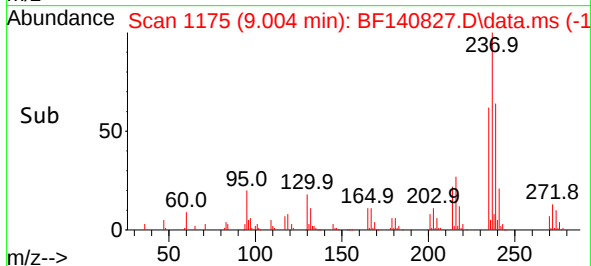


Tgt Ion:237 Resp: 107850
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.8 0.0 32.6

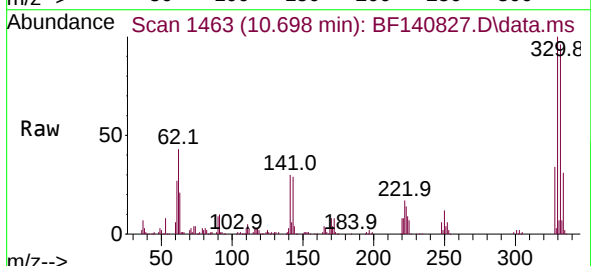
Manual Integrations

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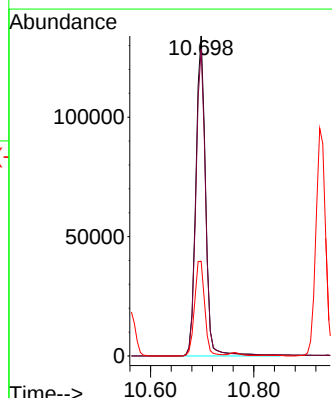
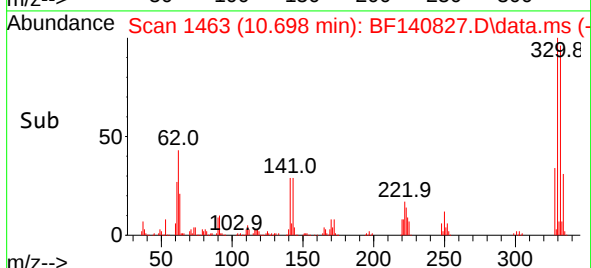
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

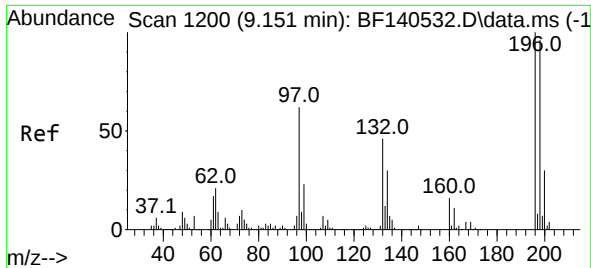


#42
2,4,6-Tribromophenol
Concen: 105.472 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



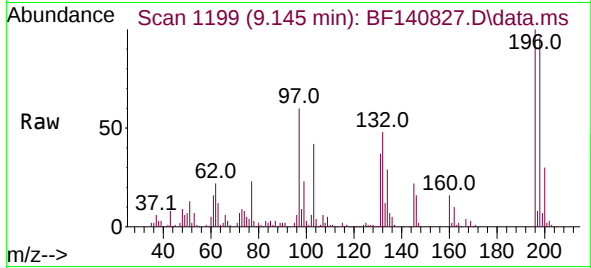
Tgt Ion:330 Resp: 175381
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 30.8 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 48.750 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

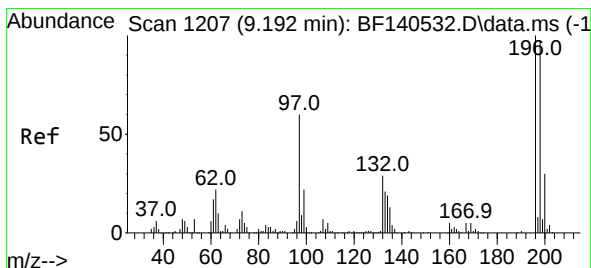
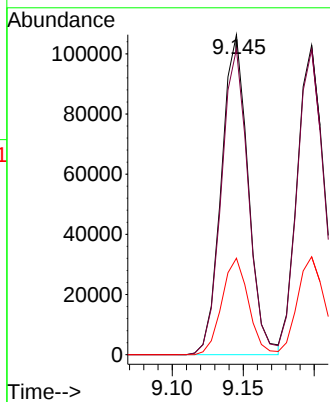
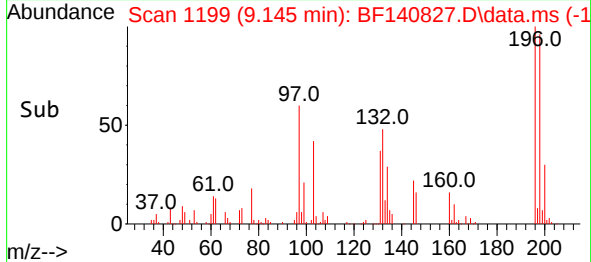
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



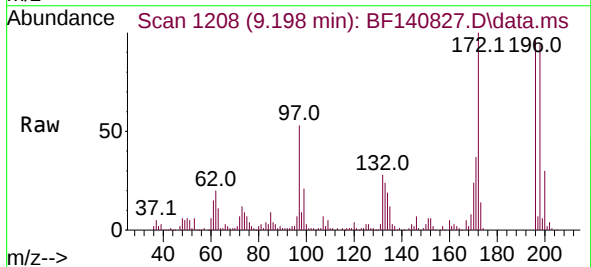
Tgt Ion:196 Resp: 13923
Ion Ratio Lower Upper
196 100
198 95.5 76.8 115.2
200 30.1 24.3 36.5

Manual Integrations
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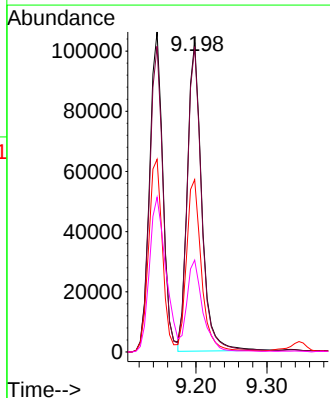
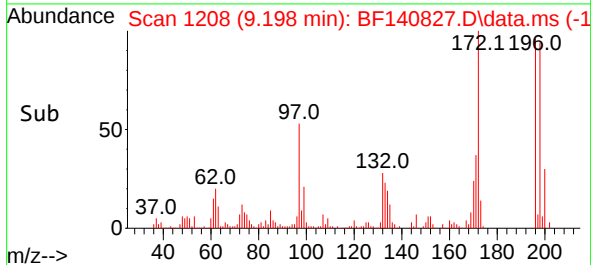
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

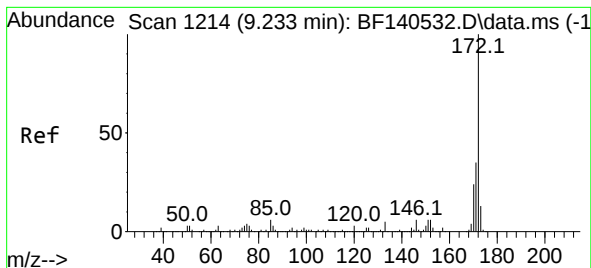


#44
2,4,5-Trichlorophenol
Concen: 46.576 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:196 Resp: 144368
Ion Ratio Lower Upper
196 100
198 98.7 77.2 115.8
97 55.7 47.1 70.7
132 29.7 24.1 36.1





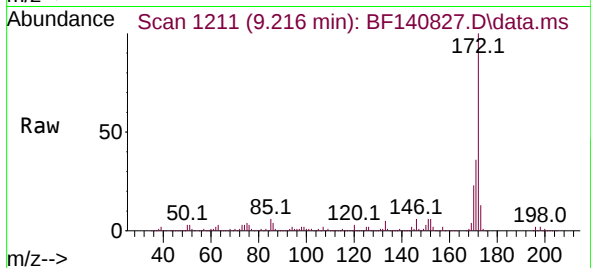
#45
2-Fluorobiphenyl
Concen: 97.295 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD



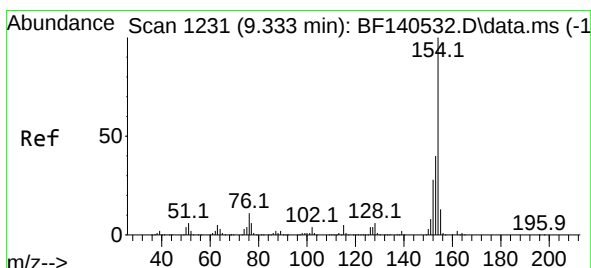
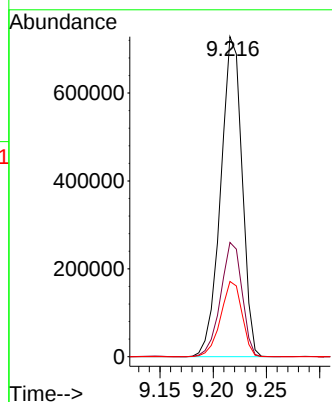
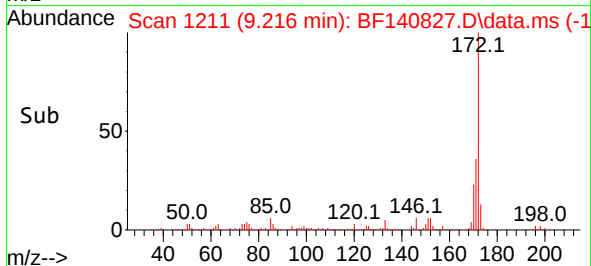
Tgt Ion:172 Resp: 1015272
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.5 19.0 28.6

Manual Integrations

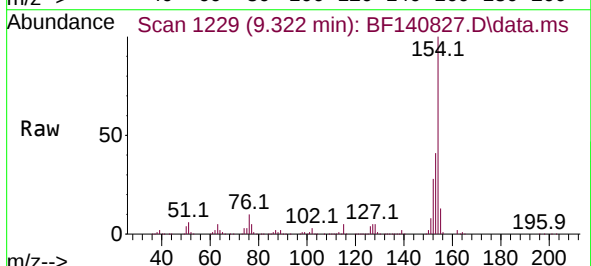
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

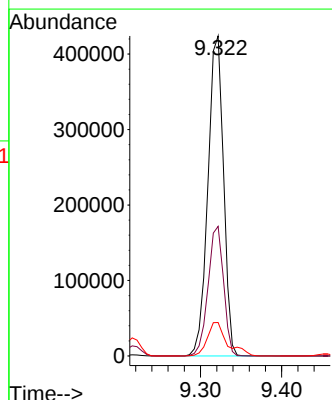
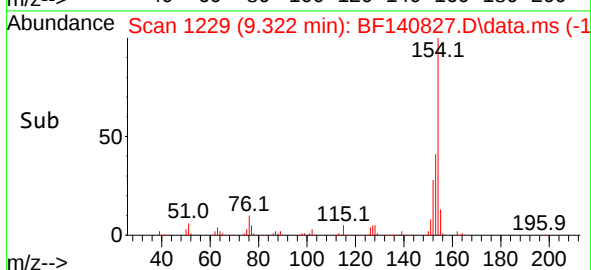
Supervised By :mohammad ahmed 12/12/2024

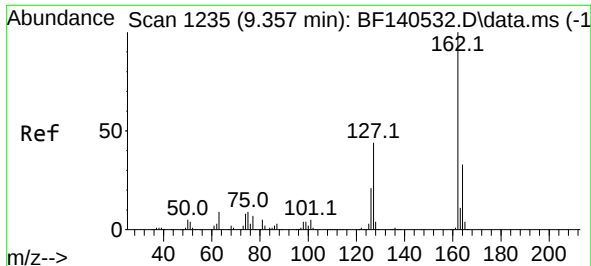


#46
1,1'-Biphenyl
Concen: 48.701 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:154 Resp: 565315
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 10.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.173 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

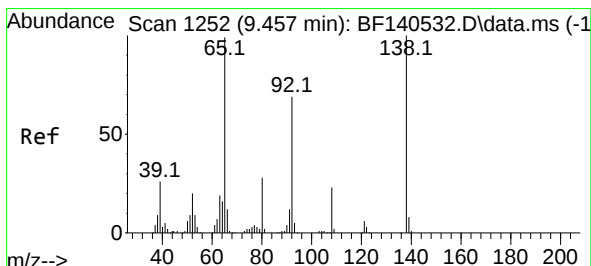
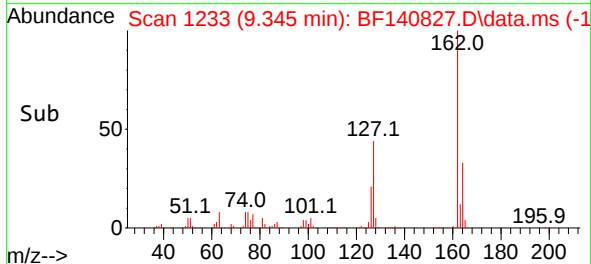
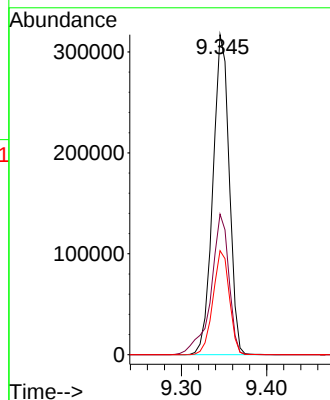
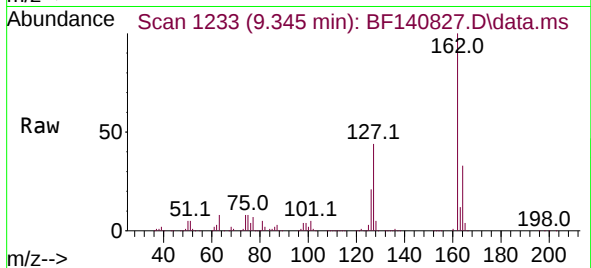
Tgt Ion:162 Resp: 423715
 Ion Ratio Lower Upper
 162 100
 127 43.9 35.7 53.5
 164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 50.132 ng

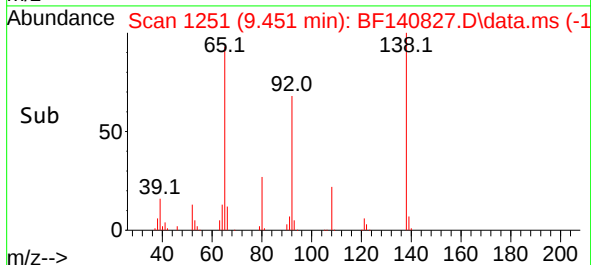
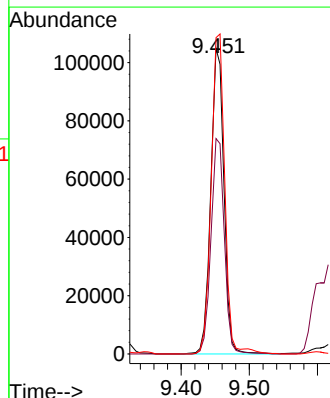
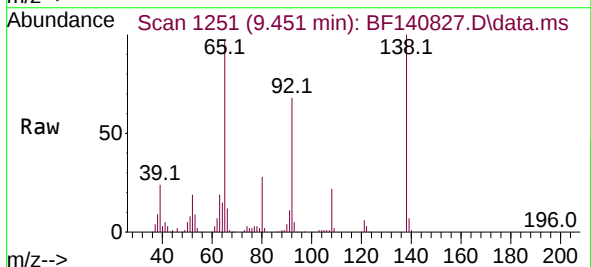
RT: 9.451 min Scan# 1251

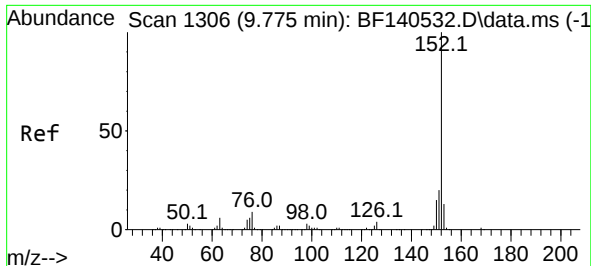
Delta R.T. -0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

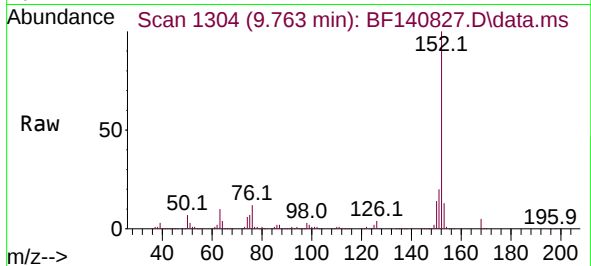
Tgt Ion: 65 Resp: 141533
 Ion Ratio Lower Upper
 65 100
 92 70.5 56.1 84.1
 138 103.5 81.0 121.6





#49
Acenaphthylene
Concen: 50.640 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

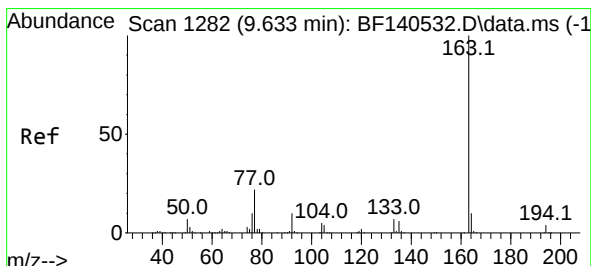
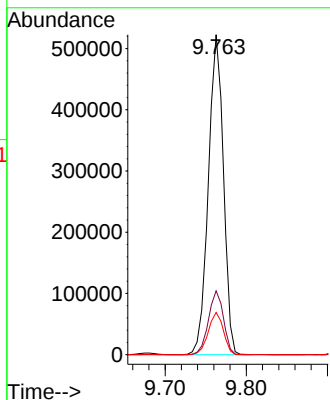
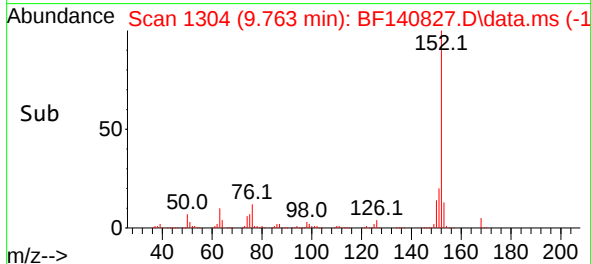
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



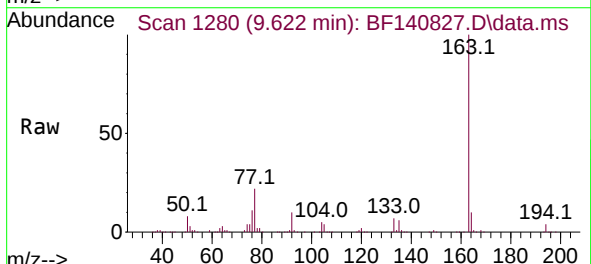
Tgt Ion:152 Resp: 67298
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations
APPROVED

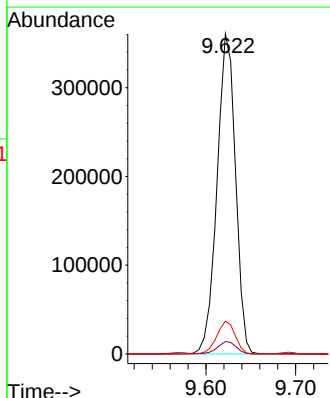
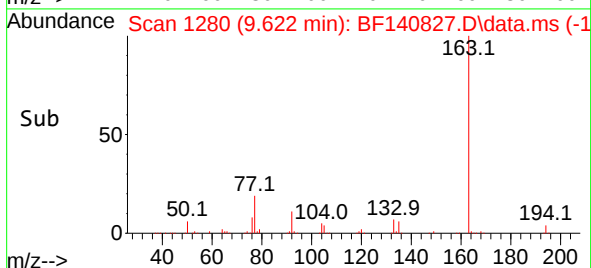
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

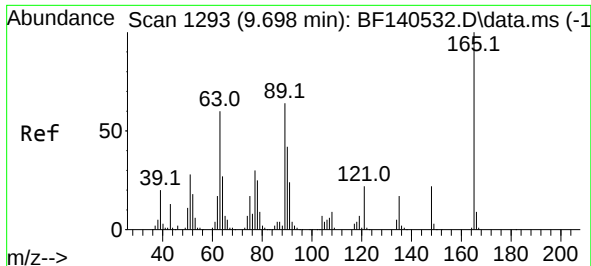


#50
Dimethylphthalate
Concen: 50.388 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:163 Resp: 515949
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





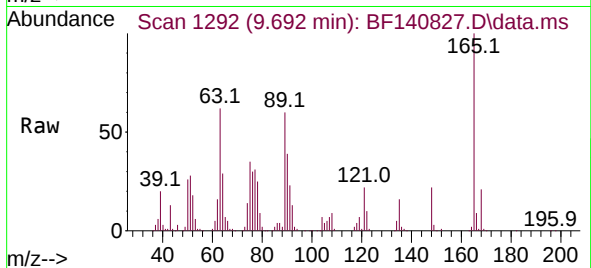
#51
2,6-Dinitrotoluene
Concen: 49.358 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

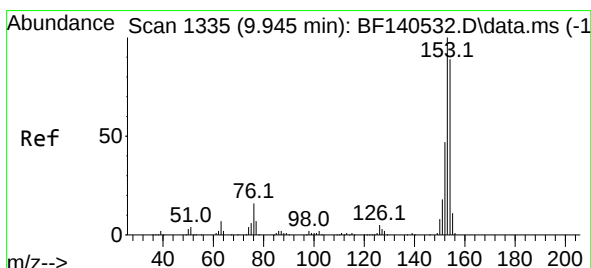
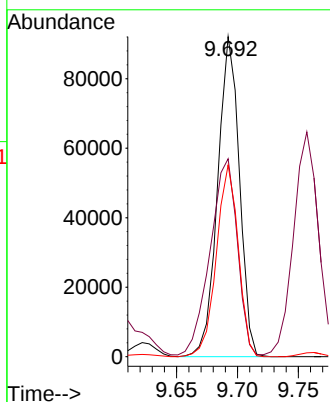
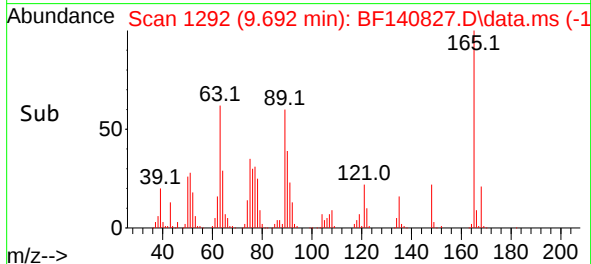


Tgt Ion:165 Resp: 114624
Ion Ratio Lower Upper
165 100
63 61.8 49.9 74.9
89 59.9 50.9 76.3

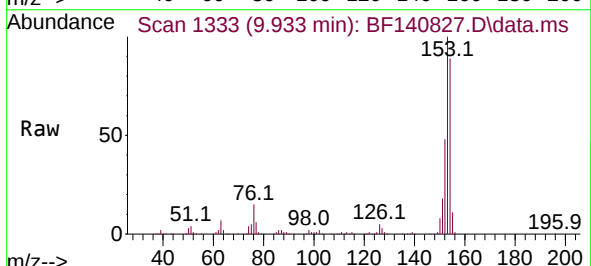
Manual Integrations

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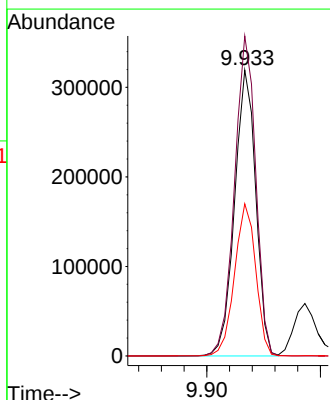
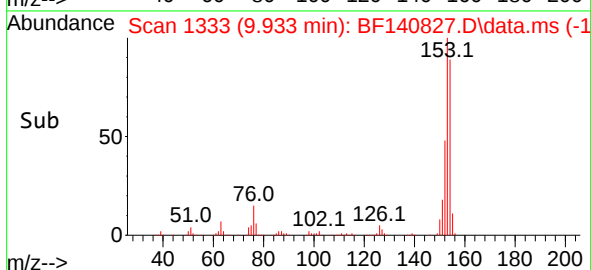
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

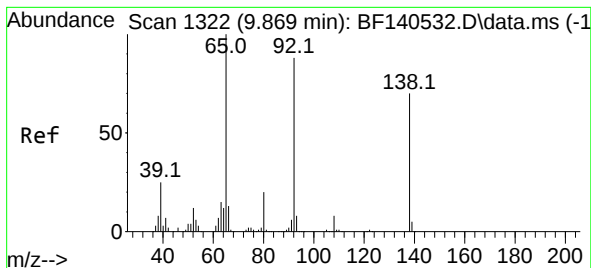


#52
Acenaphthene
Concen: 49.021 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:154 Resp: 413941
Ion Ratio Lower Upper
154 100
153 111.9 89.7 134.5
152 53.3 42.5 63.7





#53

3-Nitroaniline

Concen: 37.375 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

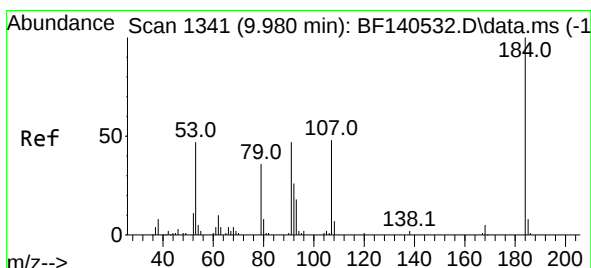
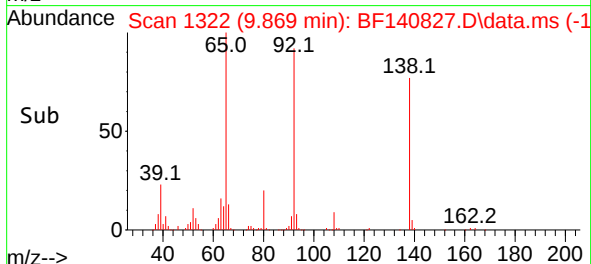
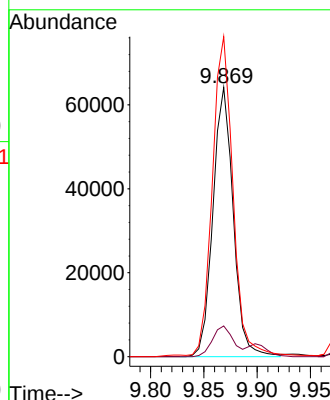
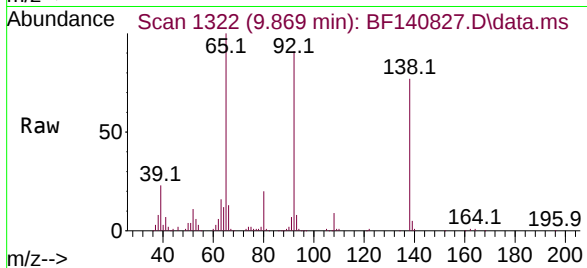
Tgt Ion:138 Resp: 84889
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.2 13.8
 92 118.8 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#54

2,4-Dinitrophenol

Concen: 103.877 ng

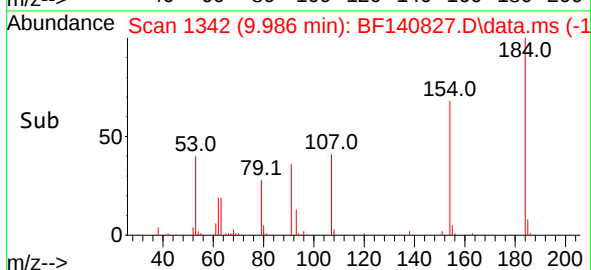
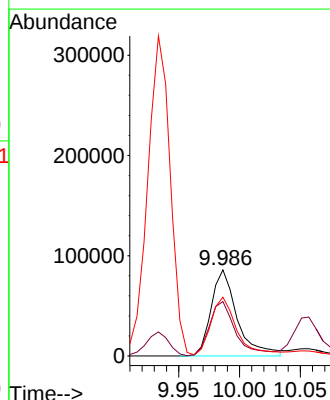
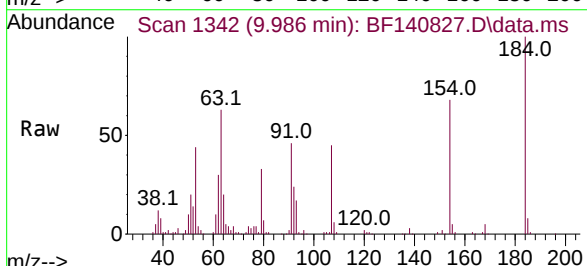
RT: 9.986 min Scan# 1342

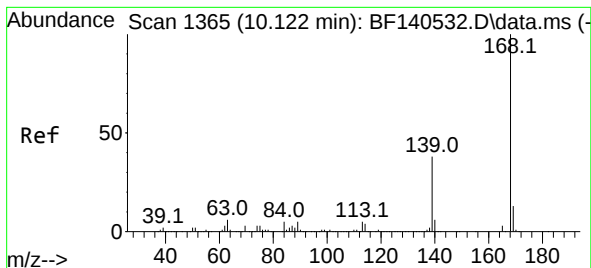
Delta R.T. 0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Tgt Ion:184 Resp: 128048
 Ion Ratio Lower Upper
 184 100
 63 63.3 54.1 81.1
 154 68.2 57.4 86.0





#55

Dibenzenofuran

Concen: 49.555 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:168 Resp: 638272

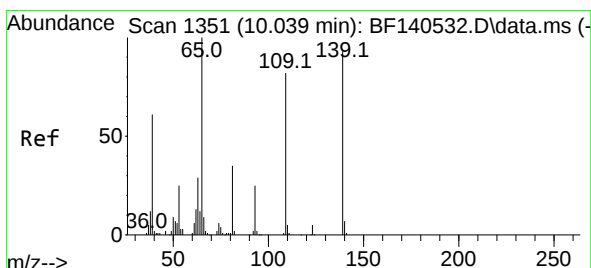
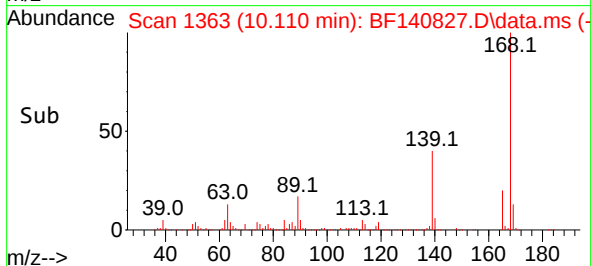
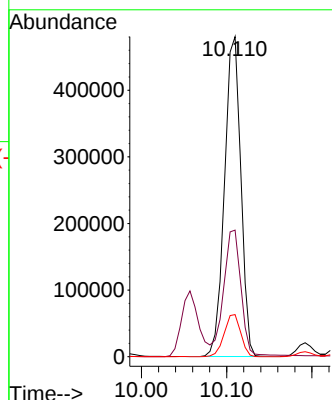
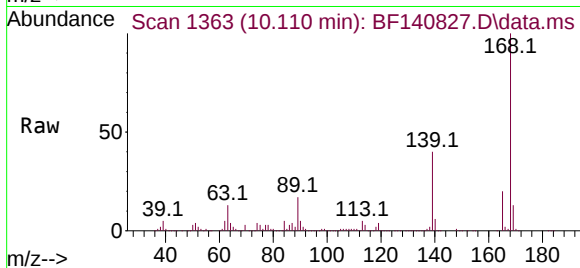
Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.3	46.9
169	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#56

4-Nitrophenol

Concen: 90.113 ng

RT: 10.057 min Scan# 1354

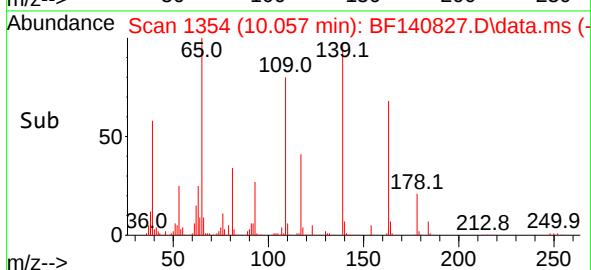
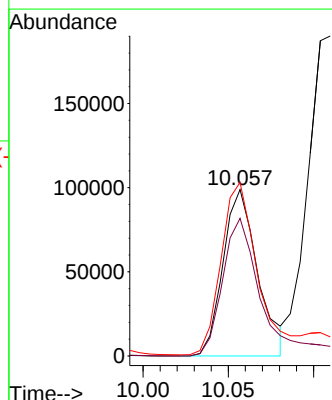
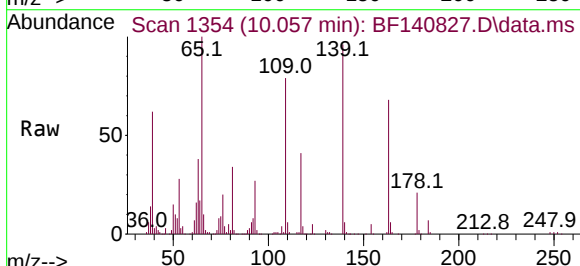
Delta R.T. 0.018 min

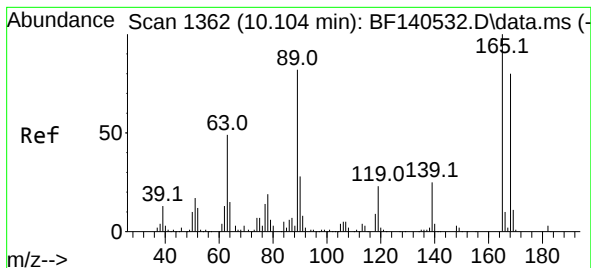
Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Tgt Ion:139 Resp: 139587

Ion	Ratio	Lower	Upper
139	100		
109	82.7	68.4	108.4
65	104.3	88.6	128.6





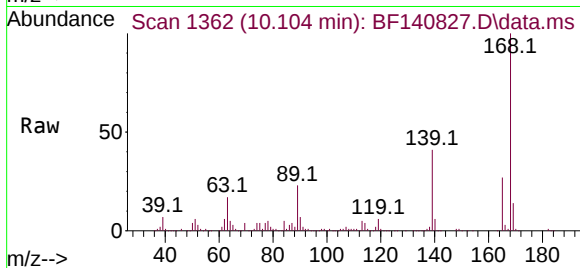
#57
2,4-Dinitrotoluene
Concen: 50.587 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

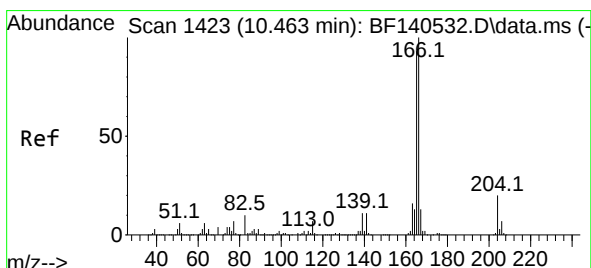
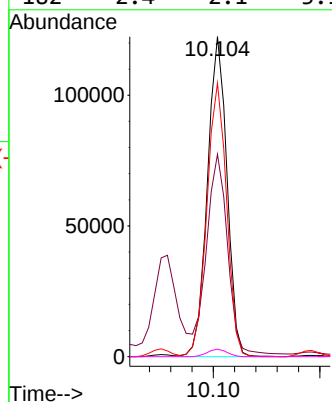
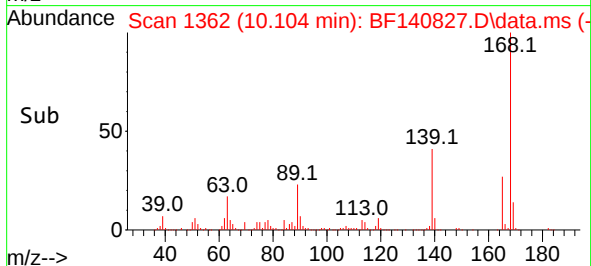


Tgt Ion:165 Resp: 15613
Ion Ratio Lower Upper
165 100
63 63.2 41.7 62.5
89 85.5 65.8 98.8
182 2.4 2.1 3.1

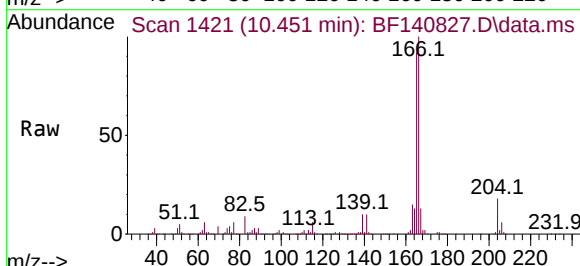
Manual Integrations

APPROVED

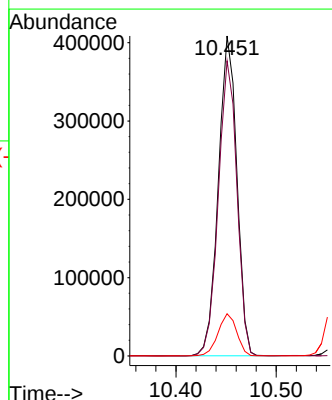
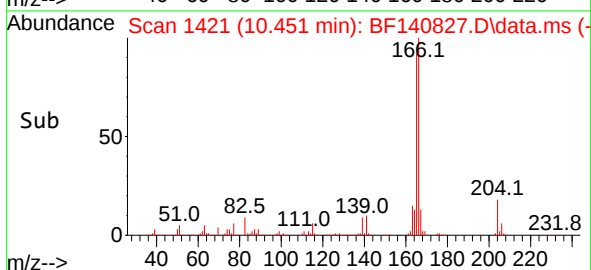
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 50.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



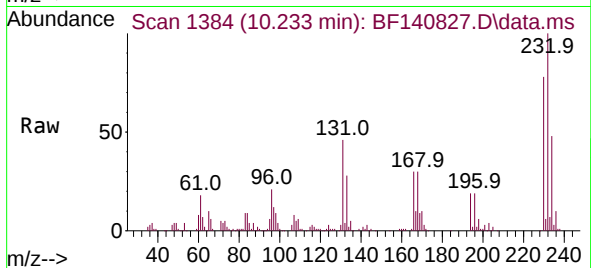
Tgt Ion:166 Resp: 522457
Ion Ratio Lower Upper
166 100
165 92.2 74.6 111.8
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.099 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

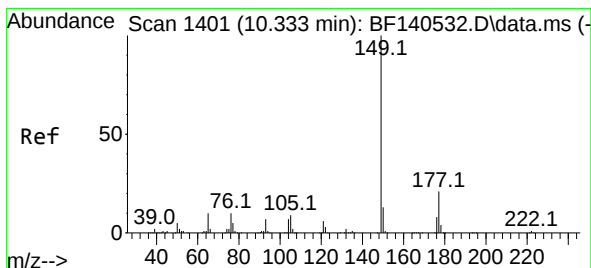
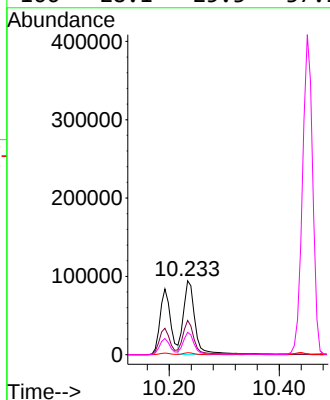
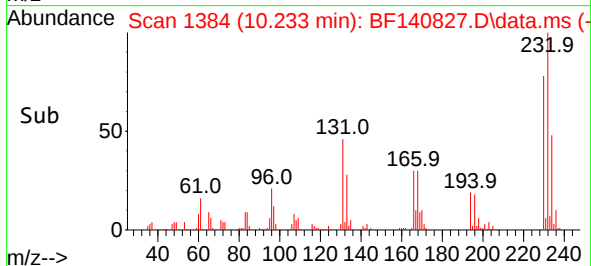
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion:232 Resp: 136020
Ion Ratio Lower Upper
232 100
131 44.9 39.6 59.4
130 2.5 1.9 2.9
166 28.1 25.3 37.9

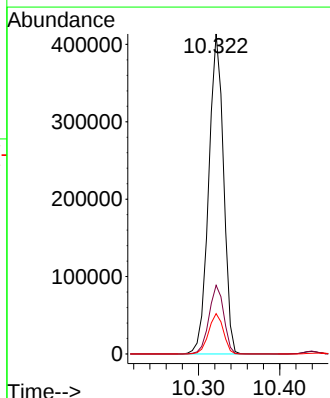
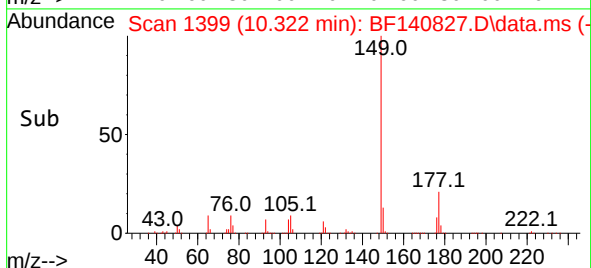
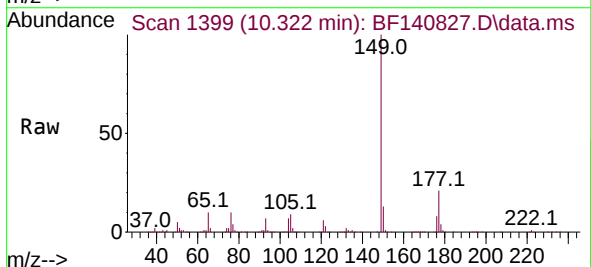
Manual Integrations
APPROVED

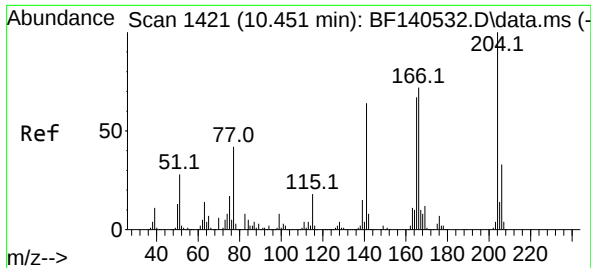
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 50.249 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

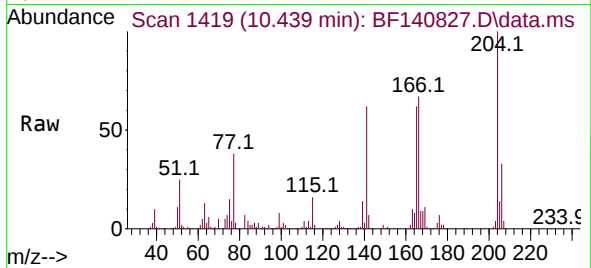
Tgt Ion:149 Resp: 522765
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.395 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

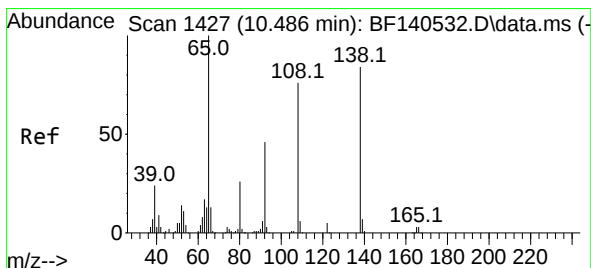
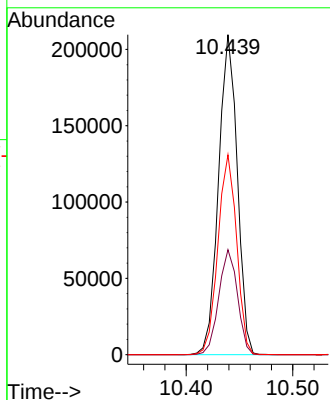
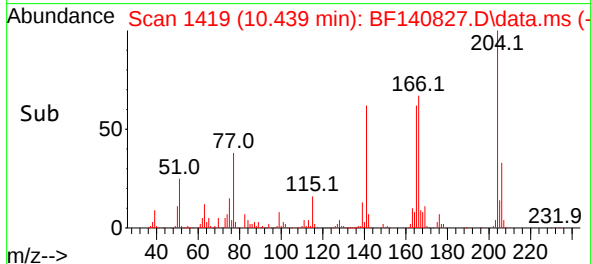
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion:204 Resp: 25568
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.4 51.1 76.7

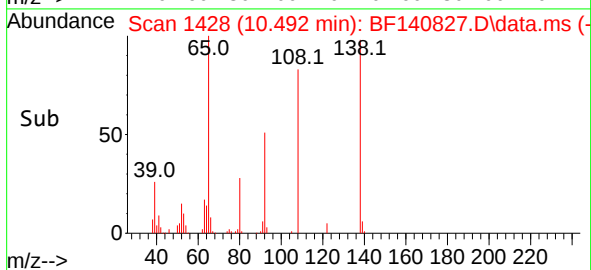
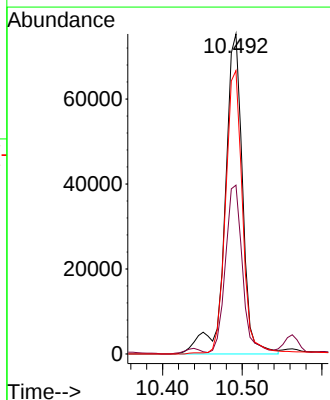
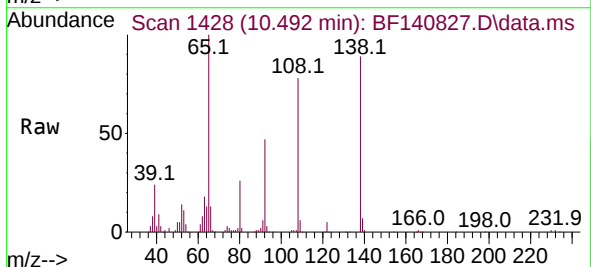
Manual Integrations
APPROVED

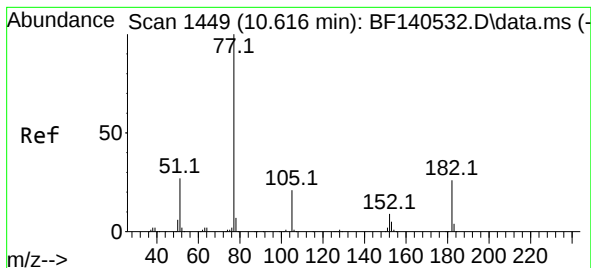
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 48.372 ng m
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:138 Resp: 115229
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 88.5 70.6 110.6





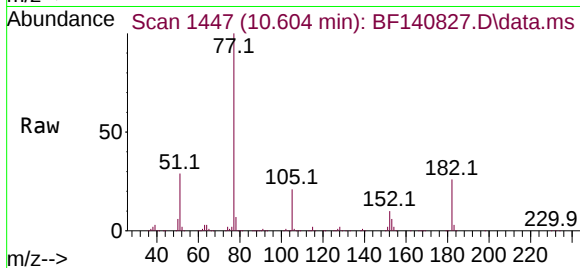
#63
Azobenzene
Concen: 48.722 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD



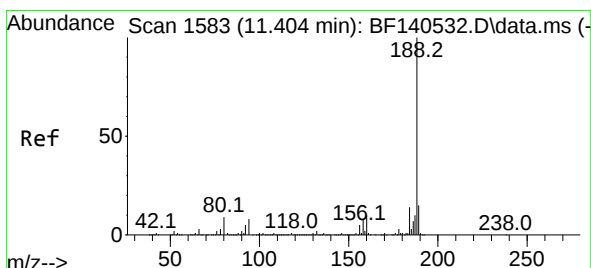
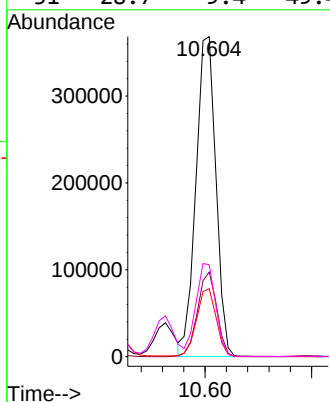
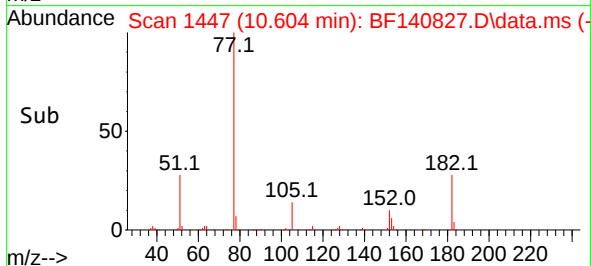
Tgt Ion: 77 Resp: 480015
Ion Ratio Lower Upper
77 100
182 26.4 5.3 45.3
105 21.2 0.3 40.3
51 28.7 9.4 49.4

Manual Integrations

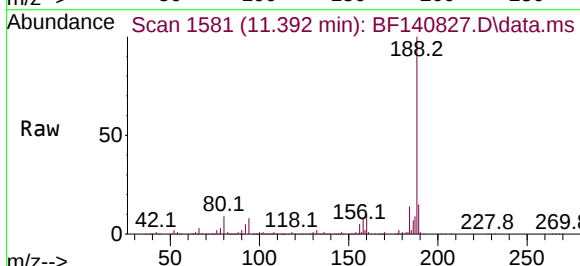
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

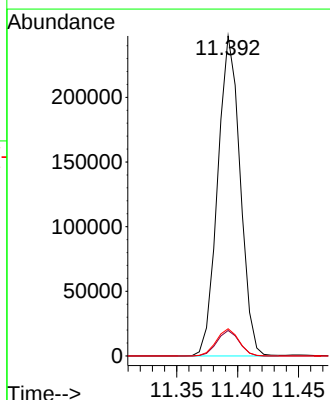
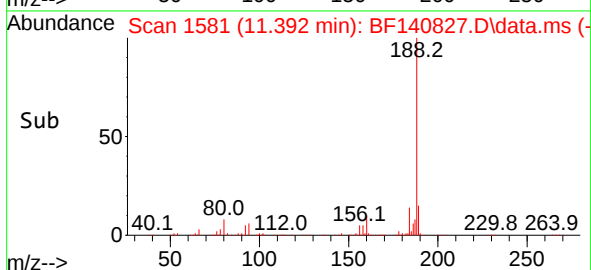
Supervised By :mohammad ahmed 12/12/2024

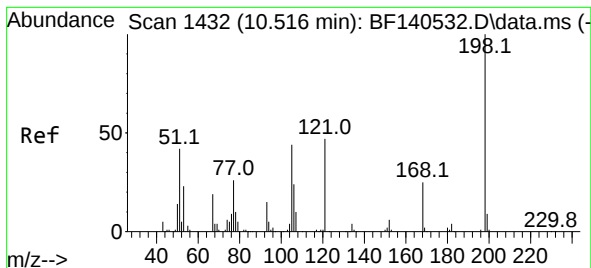


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:188 Resp: 317473
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.5 6.9 10.3





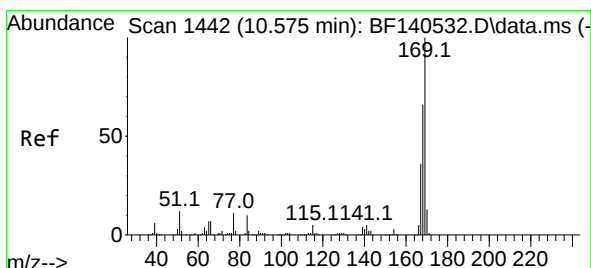
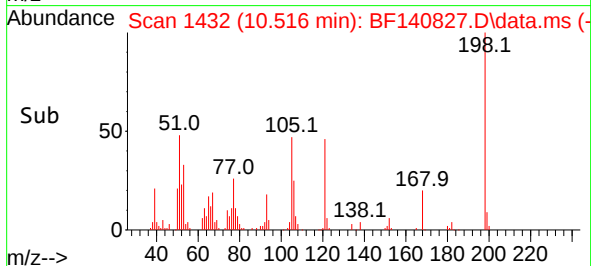
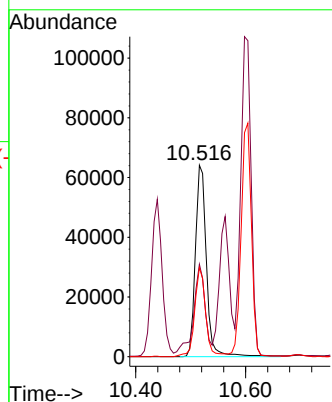
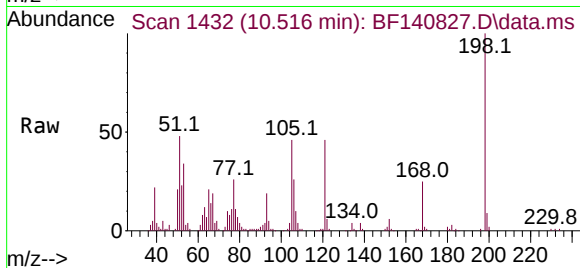
#65
4,6-Dinitro-2-methylphenol
Concen: 55.161 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Tgt Ion:198 Resp: 8948
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.5 25.4 65.4

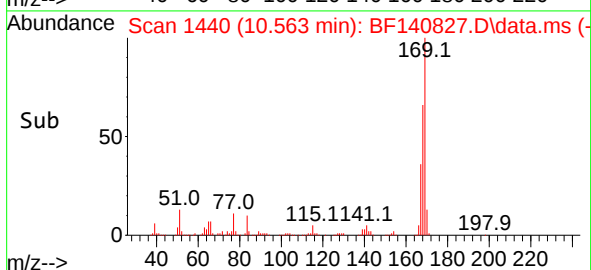
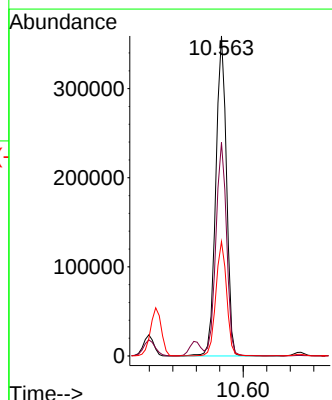
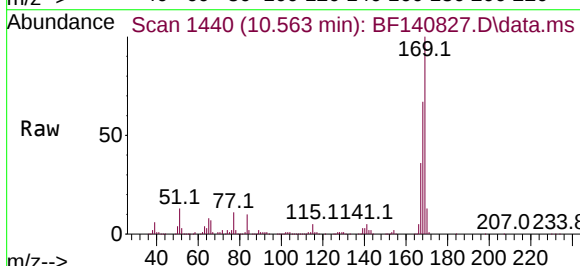
Manual Integrations
APPROVED

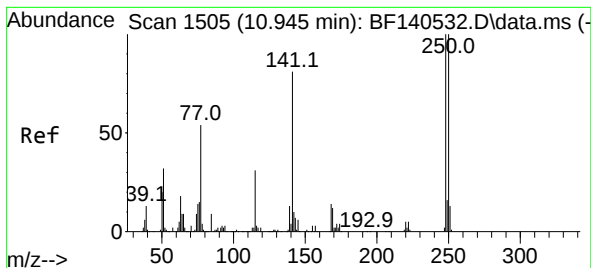
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 48.263 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

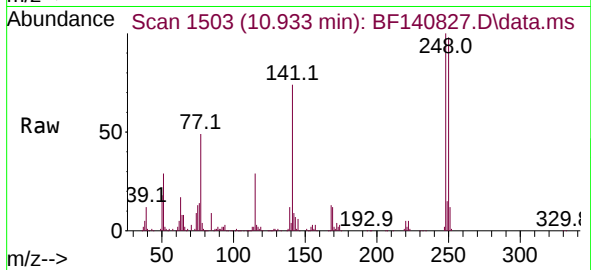
Tgt Ion:169 Resp: 453116
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.279 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

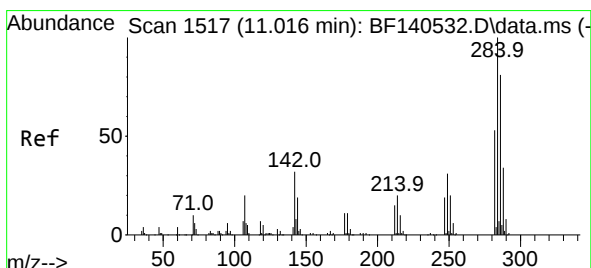
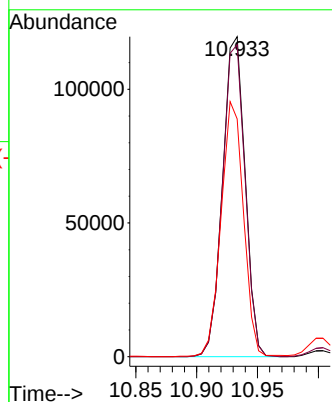
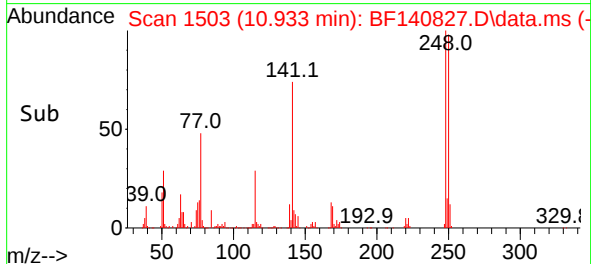
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



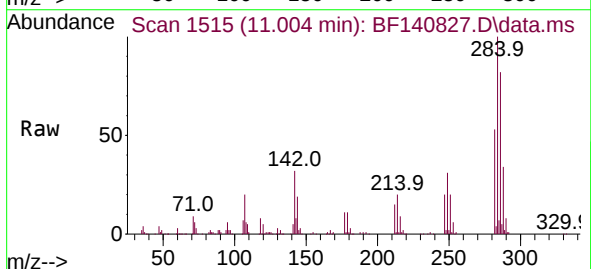
Tgt Ion:248 Resp: 15457
Ion Ratio Lower Upper
248 100
250 97.5 79.8 119.8
141 74.3 64.7 97.1

Manual Integrations
APPROVED

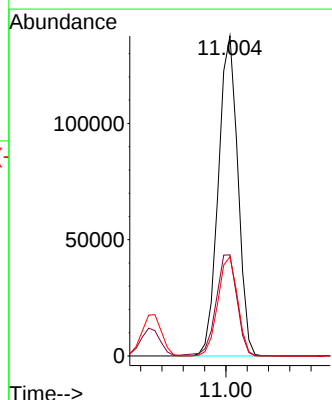
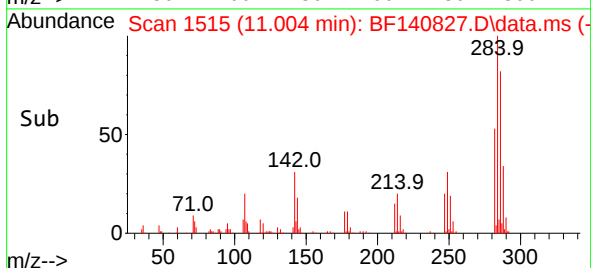
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 46.162 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:284 Resp: 174759
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 52.221 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

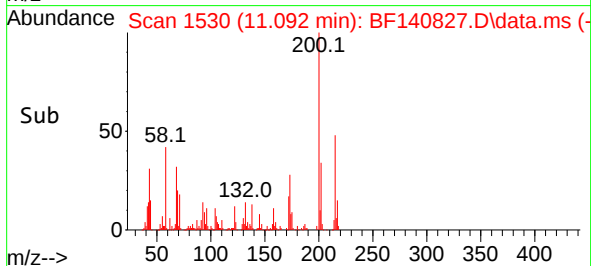
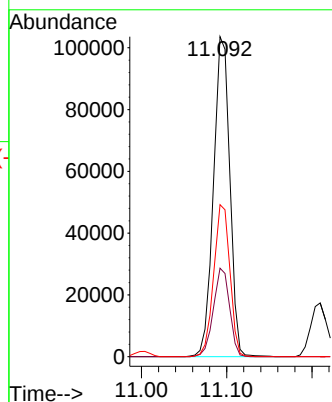
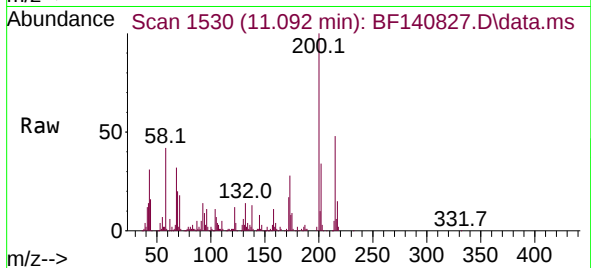
Tgt Ion:200 Resp: 137924
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.0 47.0
 215 47.5 26.7 66.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 86.562 ng

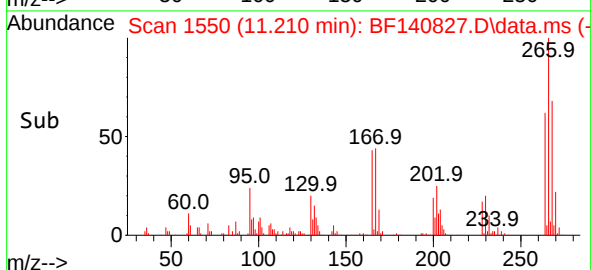
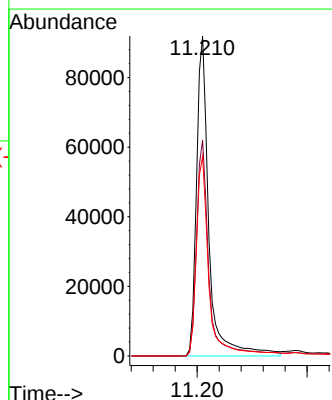
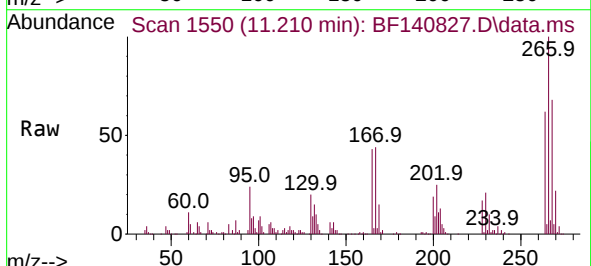
RT: 11.210 min Scan# 1550

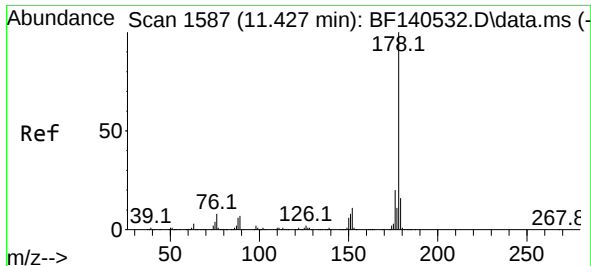
Delta R.T. -0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

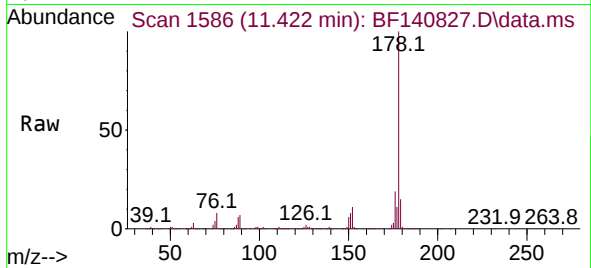
Tgt Ion:266 Resp: 144229
 Ion Ratio Lower Upper
 266 100
 268 67.5 53.7 80.5
 264 62.4 49.8 74.8





#71
Phenanthrene
Concen: 49.806 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

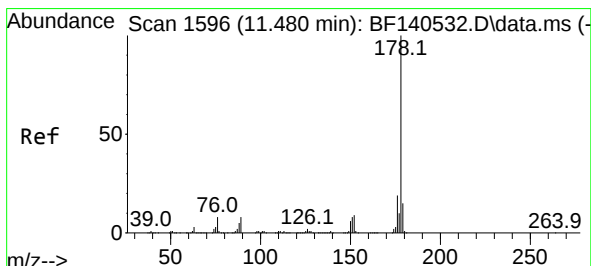
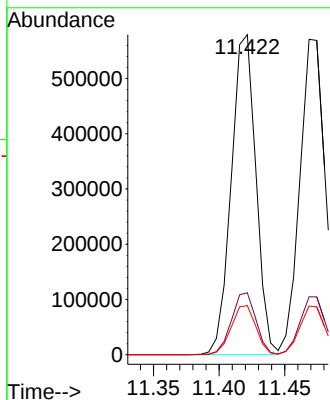
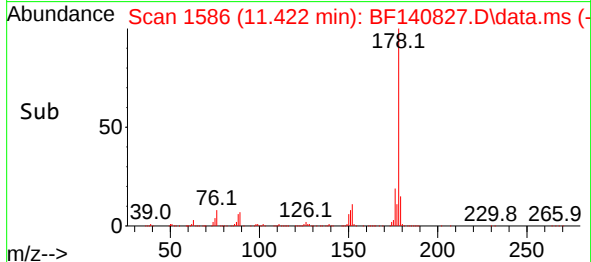
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



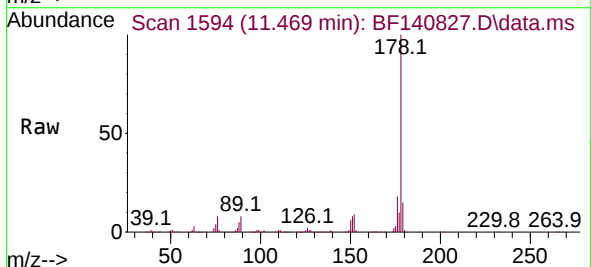
Tgt Ion:178 Resp: 76007
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.4 18.6

Manual Integrations
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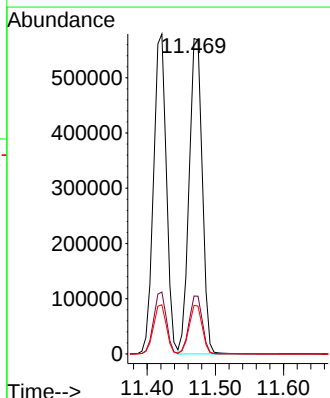
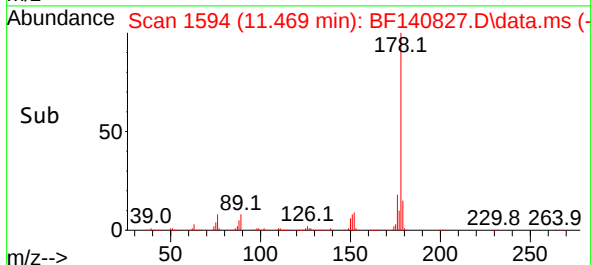
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

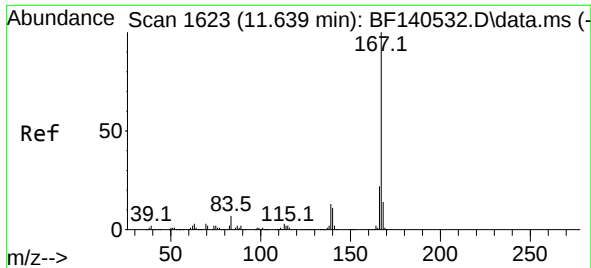


#72
Anthracene
Concen: 50.946 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



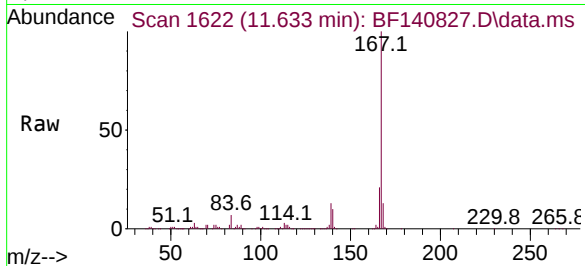
Tgt Ion:178 Resp: 760504
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 50.227 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140827.D
 Acq: 11 Dec 2024 14:16

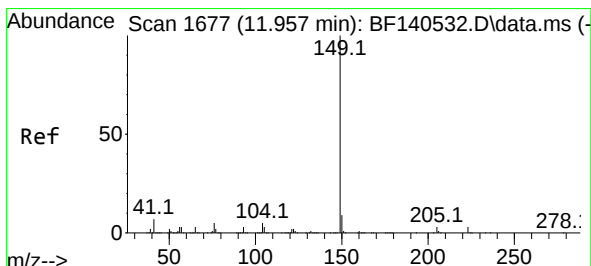
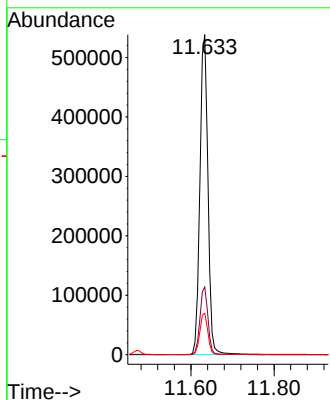
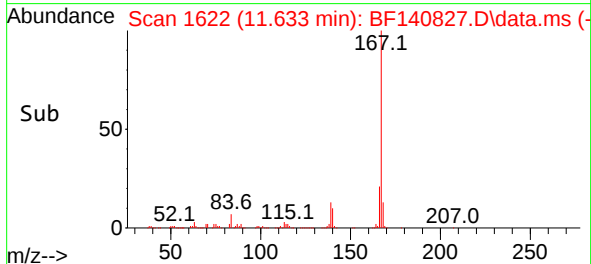
Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD



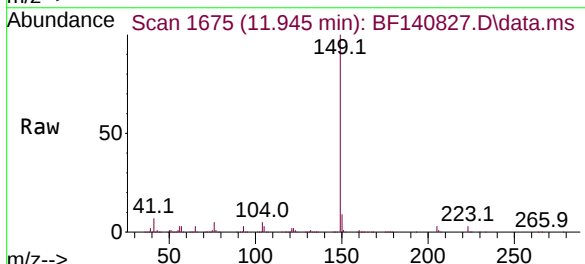
Tgt Ion:167 Resp: 721298
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.9 10.6 15.8

Manual Integrations
 APPROVED

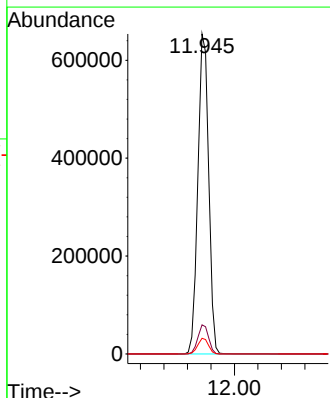
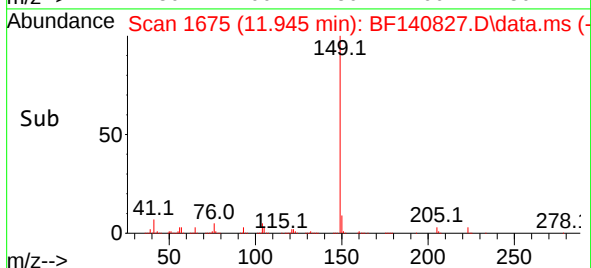
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

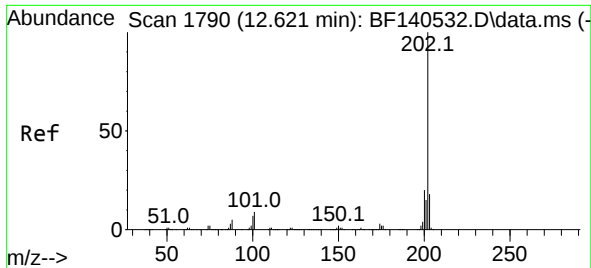


#74
 Di-n-butylphthalate
 Concen: 50.162 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.012 min
 Lab File: BF140827.D
 Acq: 11 Dec 2024 14:16



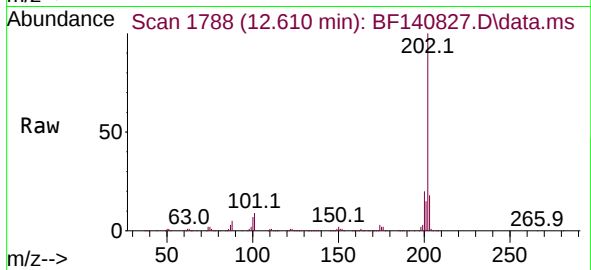
Tgt Ion:149 Resp: 831654
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 51.436 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

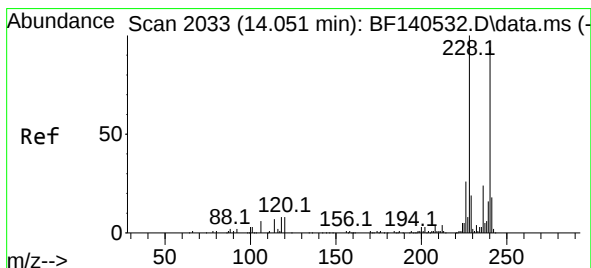
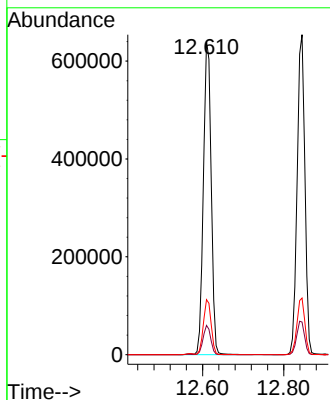
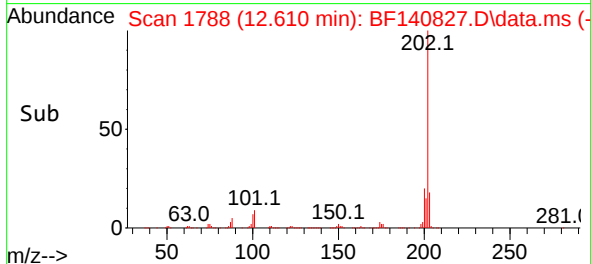
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion:202 Resp: 85224
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.6 0.0 37.6

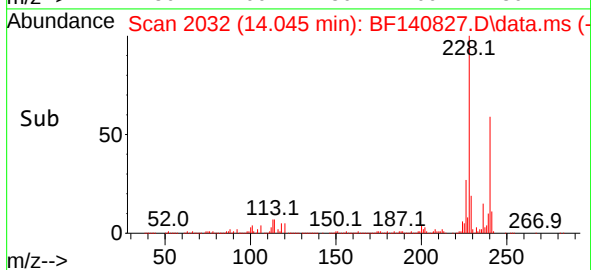
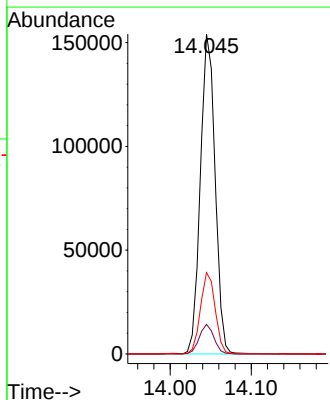
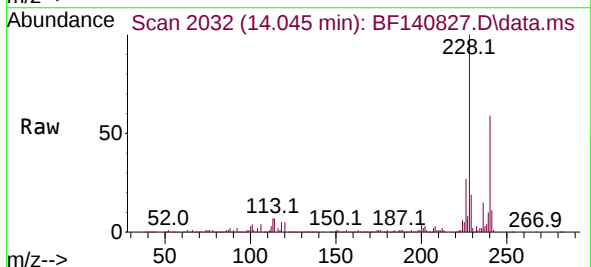
Manual Integrations
APPROVED

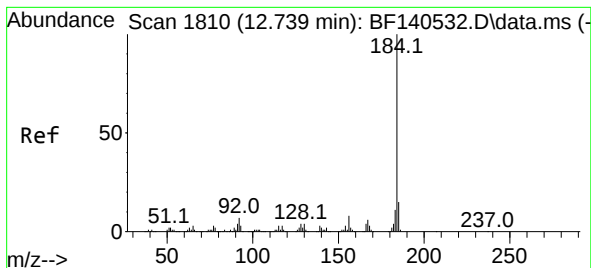
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:240 Resp: 194551
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.4 20.6 31.0





#77

Benzidine

Concen: 14.765 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

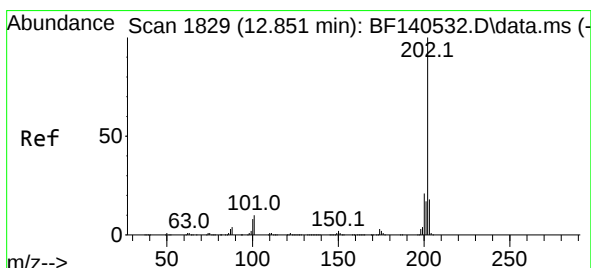
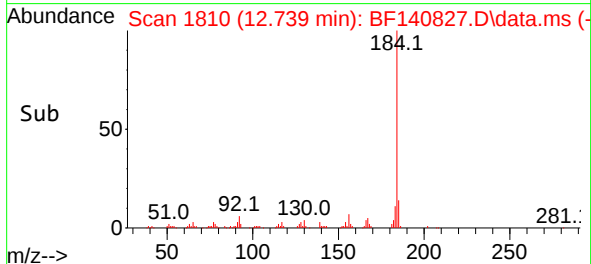
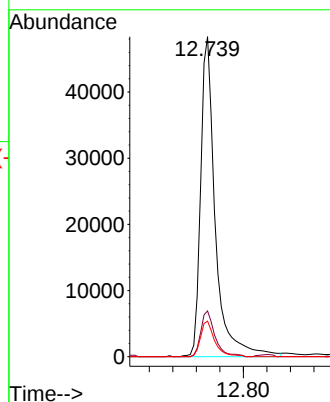
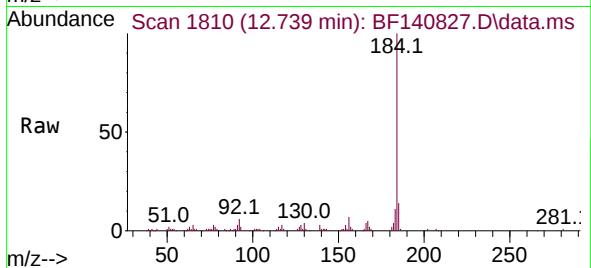
Tgt Ion:184	Resp:	8351
Ion Ratio	Lower	Upper
184	100	
185	14.3	11.7 17.5
183	11.1	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#78

Pyrene

Concen: 48.038 ng

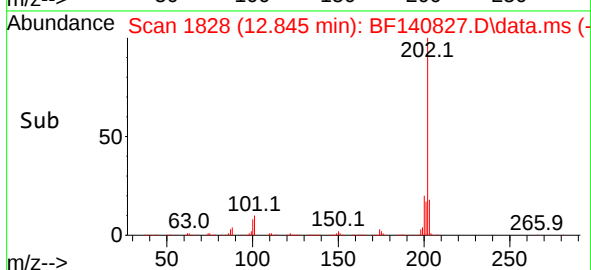
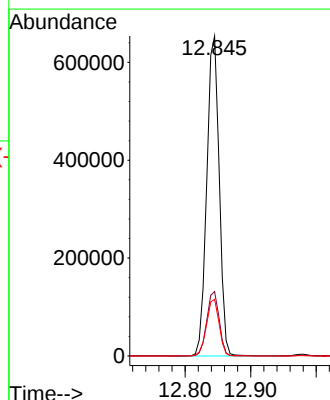
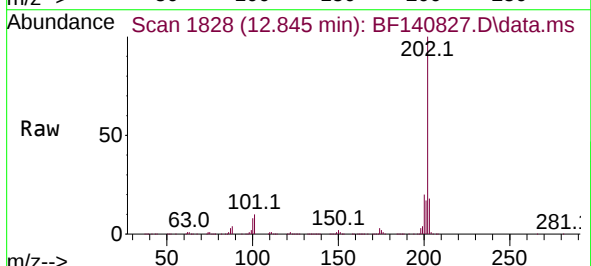
RT: 12.845 min Scan# 1828

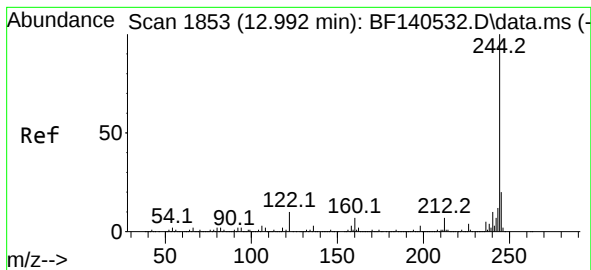
Delta R.T. -0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Tgt Ion:202	Resp:	864136
Ion Ratio	Lower	Upper
202	100	
200	20.1	16.5 24.7
203	17.7	14.2 21.4





#79

Terphenyl-d14

Concen: 99.103 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140827.D

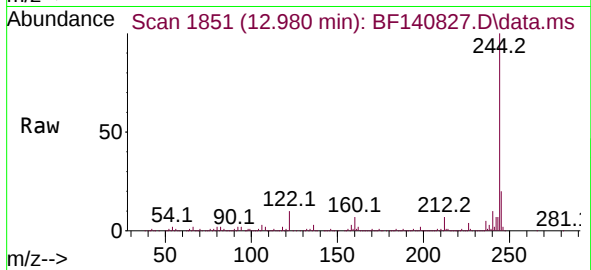
Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD



Tgt Ion:244 Resp: 123821

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

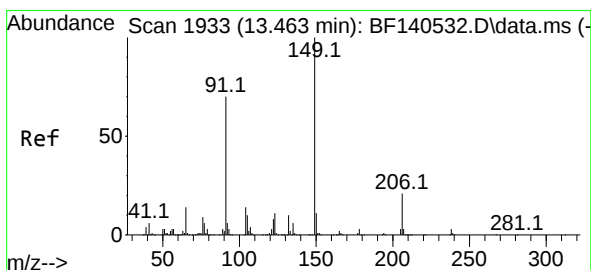
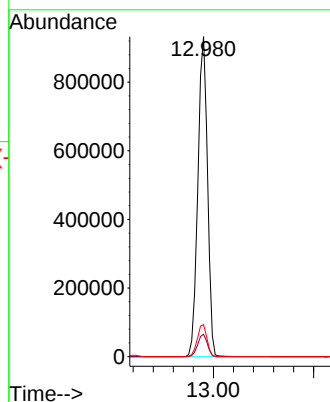
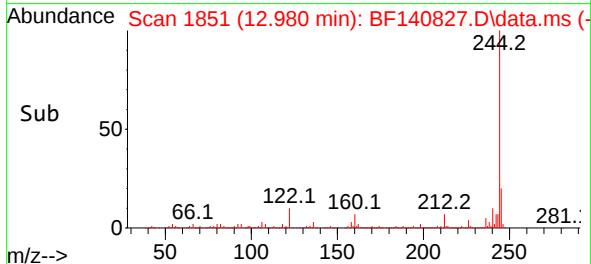
122 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 47.888 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

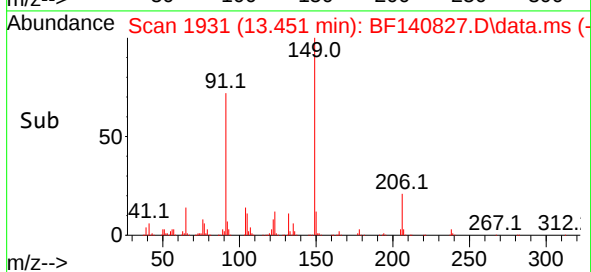
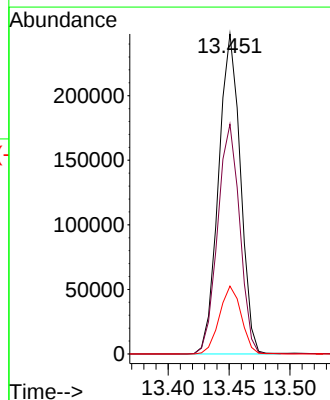
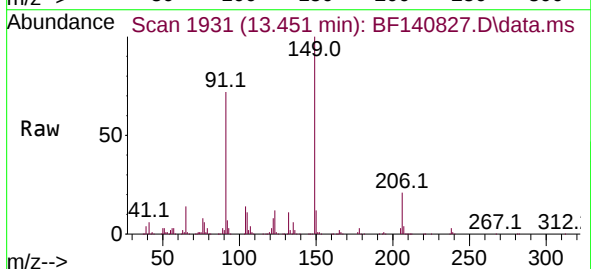
Tgt Ion:149 Resp: 310326

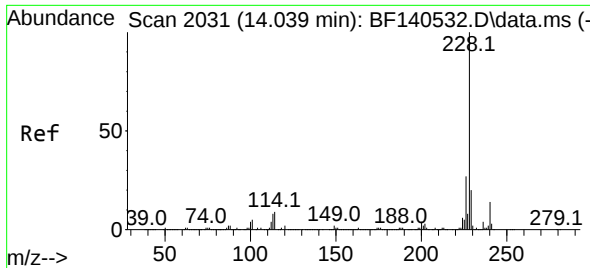
Ion Ratio Lower Upper

149 100

91 71.8 56.2 84.2

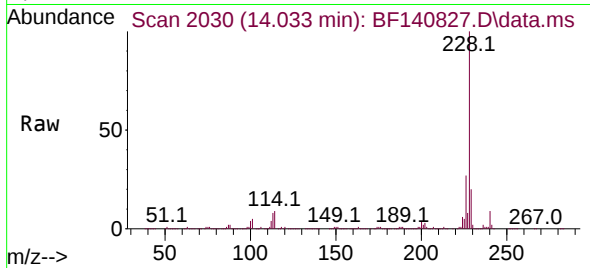
206 21.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 51.577 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

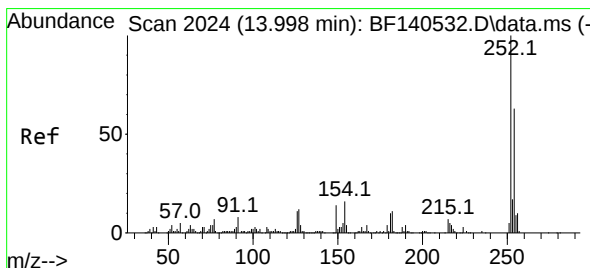
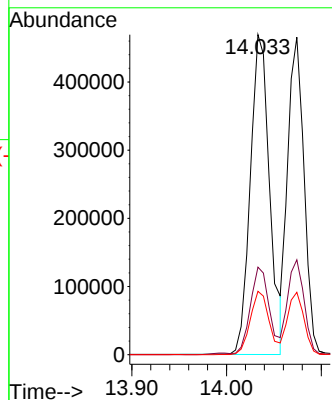
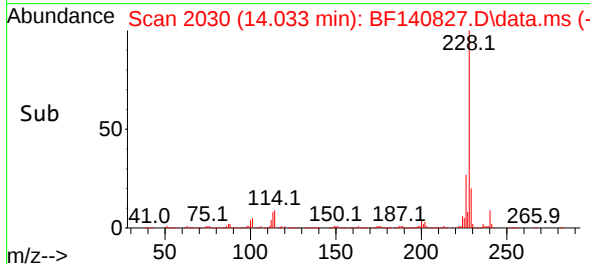
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



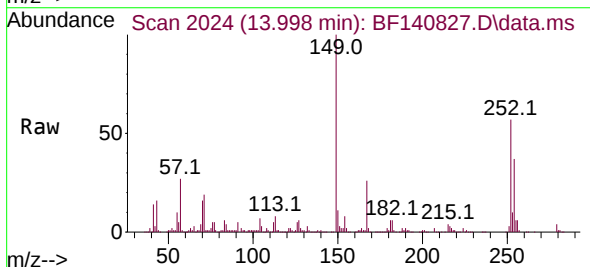
Tgt Ion:228 Resp: 664228
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.6

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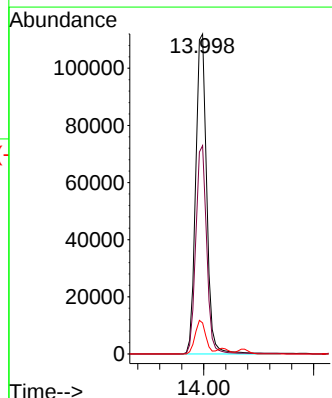
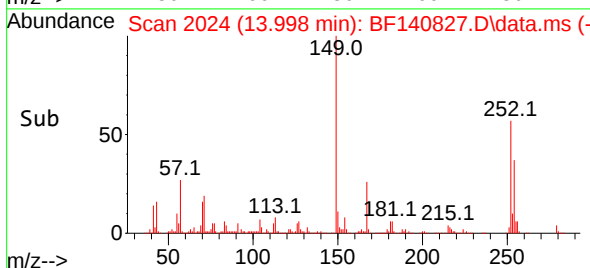
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.169 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:252 Resp: 155318
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 9.7 8.6 13.0





#83

Chrysene

Concen: 47.593 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:228 Resp: 56045

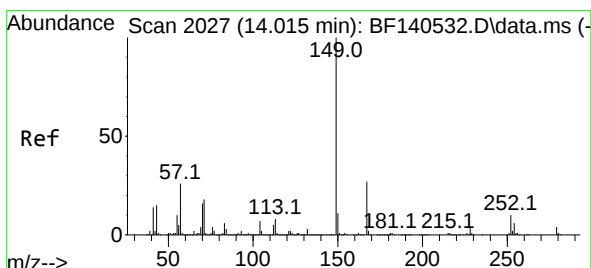
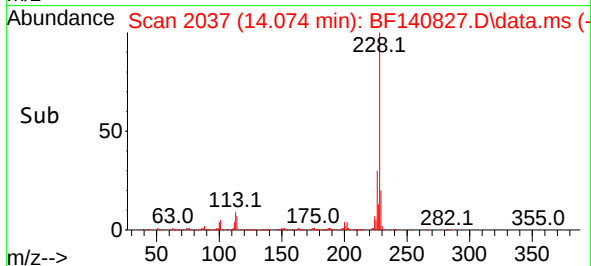
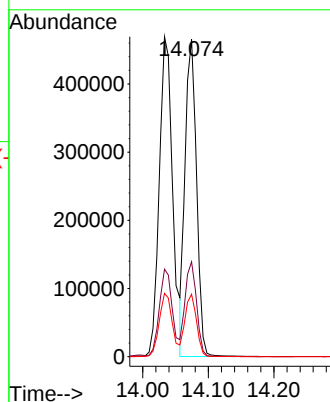
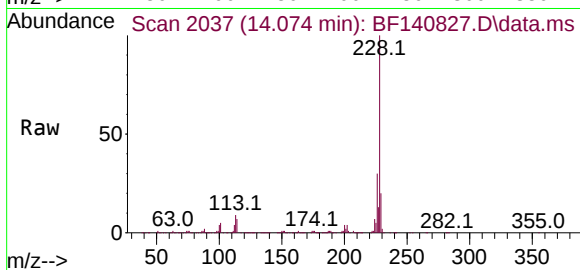
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.605 ng

RT: 14.004 min Scan# 2025

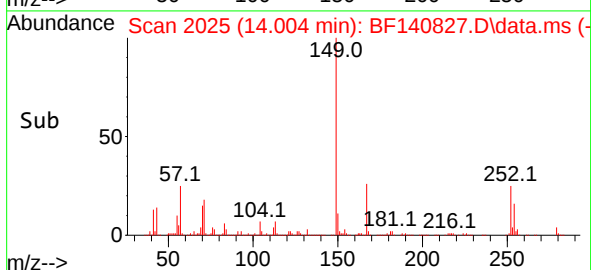
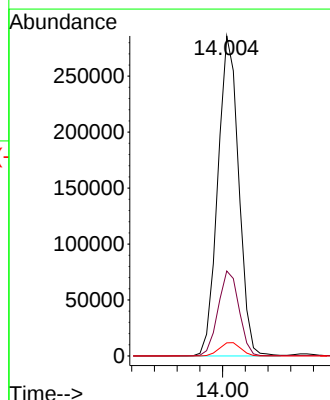
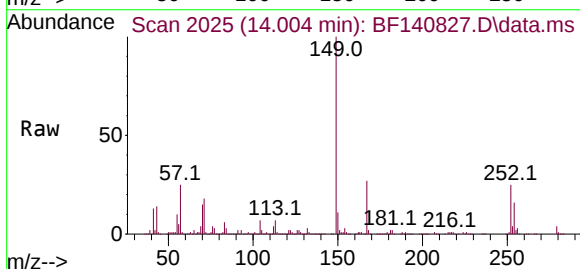
Delta R.T. -0.012 min

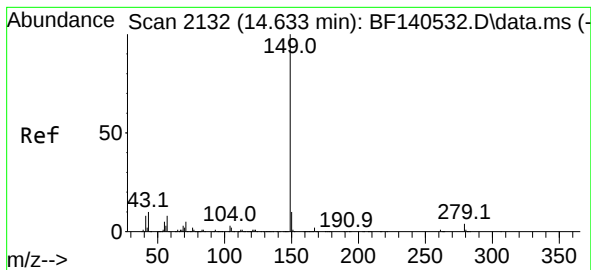
Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Tgt Ion:149 Resp: 364984

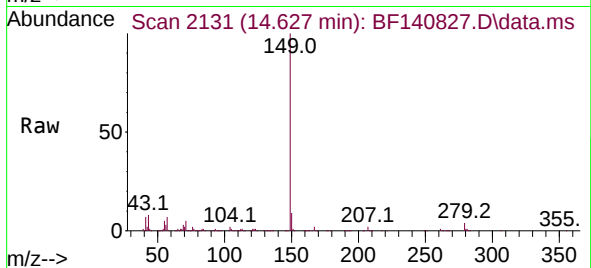
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.2	31.8
279	4.1	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 42.490 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

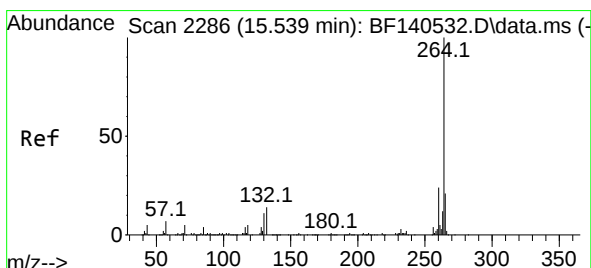
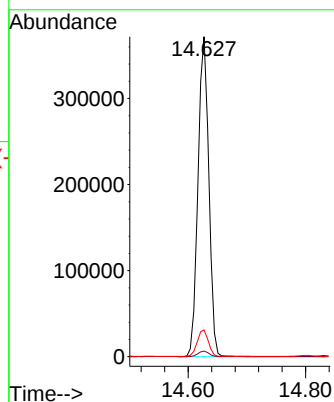
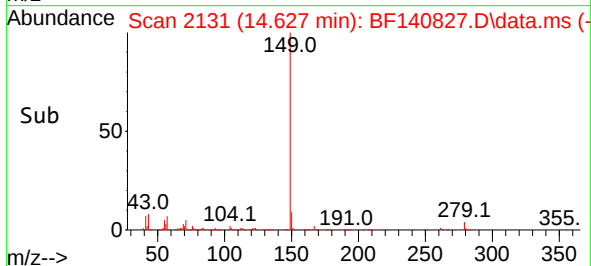
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



Tgt Ion:149 Resp: 475150
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 8.5 7.7 11.5

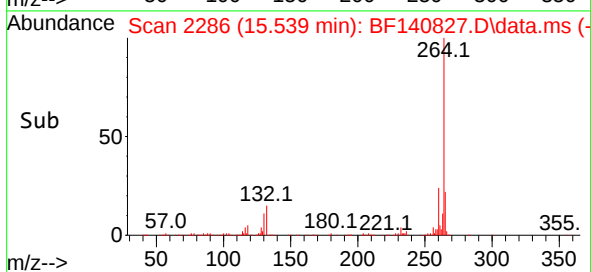
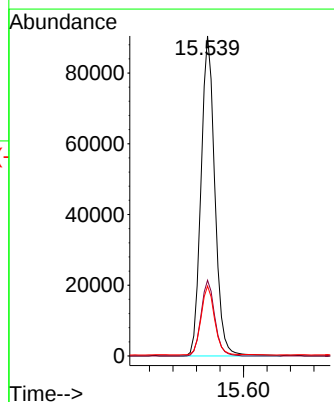
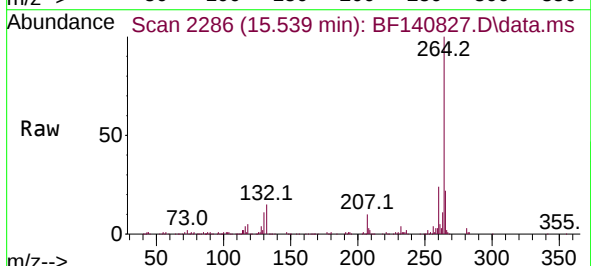
Manual Integrations
APPROVED

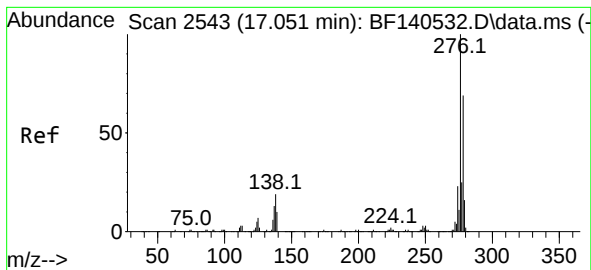
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

Tgt Ion:264 Resp: 147656
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.796 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:276 Resp: 53690

Ion Ratio Lower Upper

276 100

138 20.0 15.5 23.3

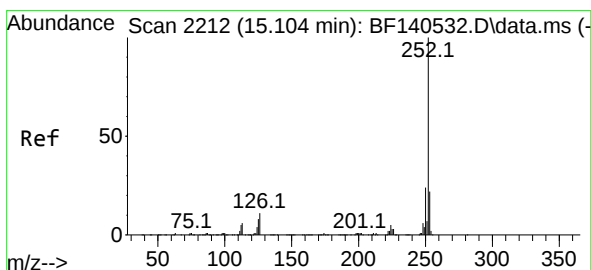
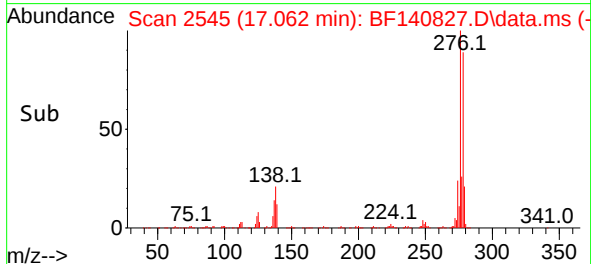
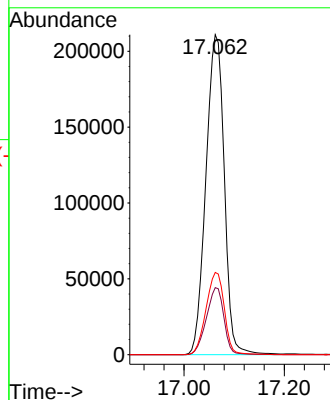
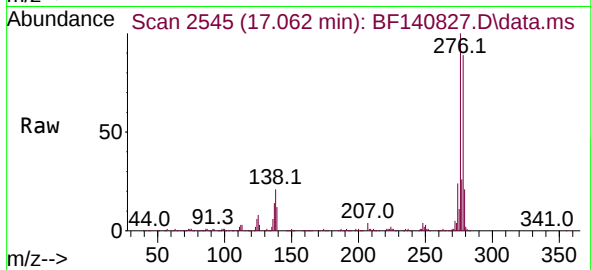
277 25.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 53.499 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

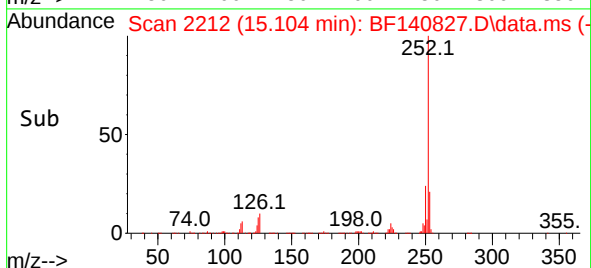
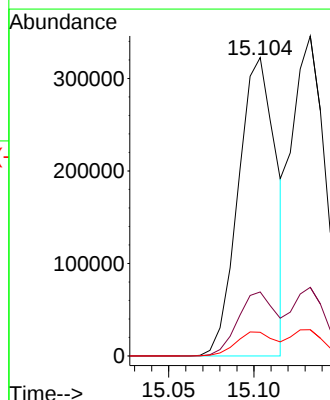
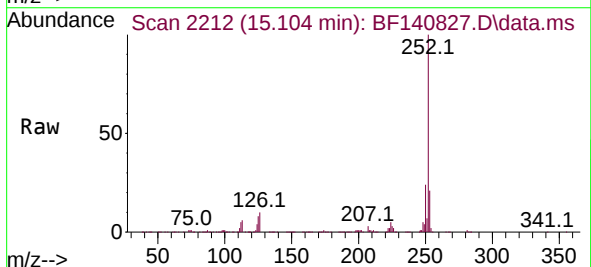
Tgt Ion:252 Resp: 496180

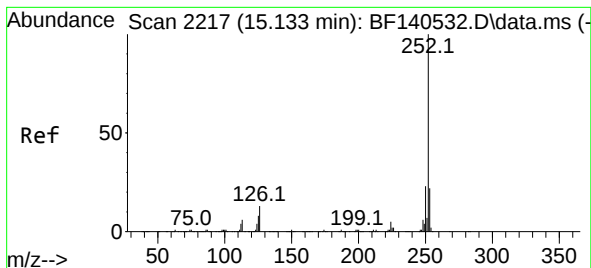
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 8.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 58.441 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:252 Resp: 47430

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

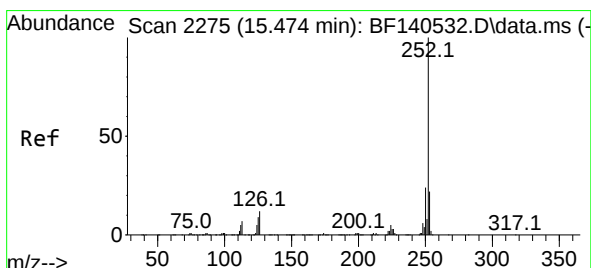
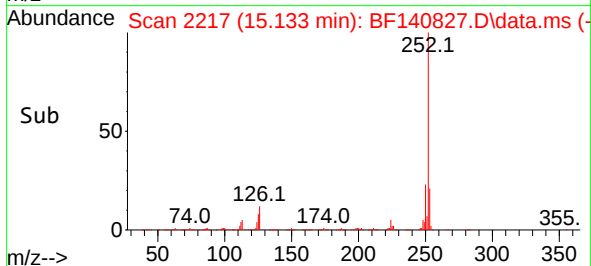
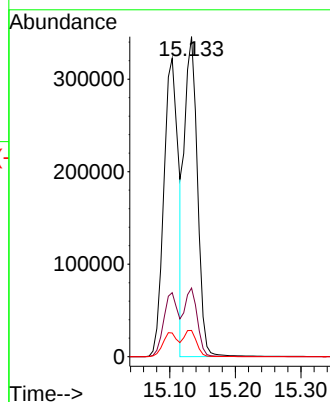
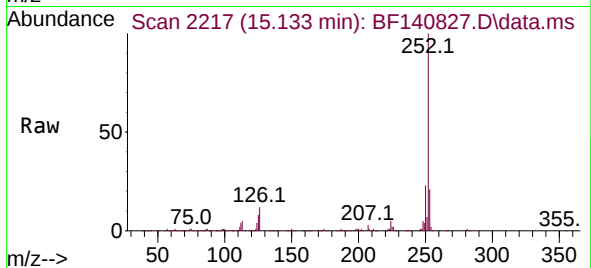
125 8.2 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 54.357 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140827.D

Acq: 11 Dec 2024 14:16

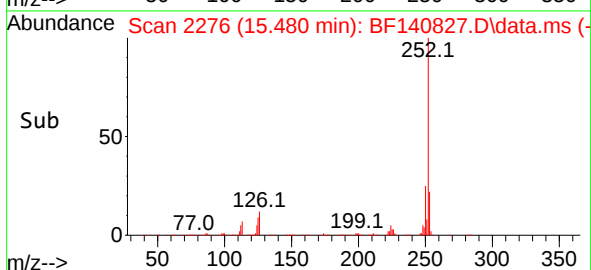
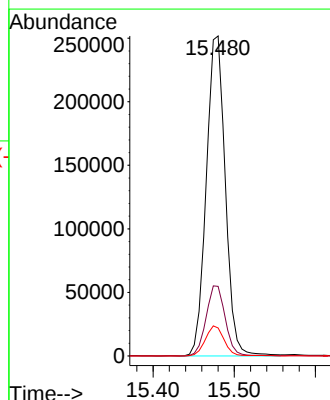
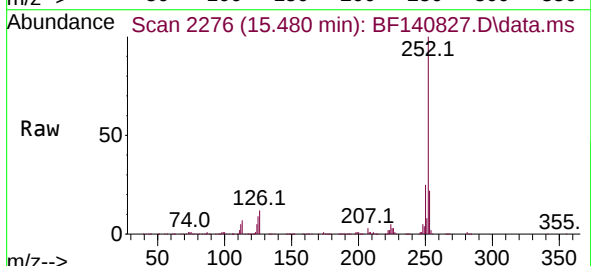
Tgt Ion:252 Resp: 409902

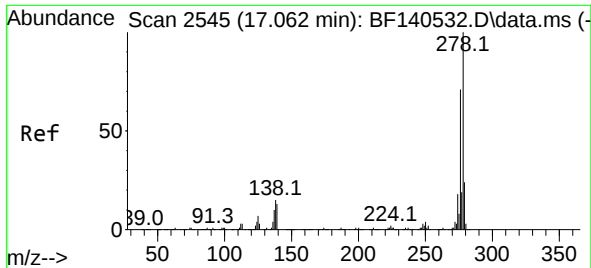
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

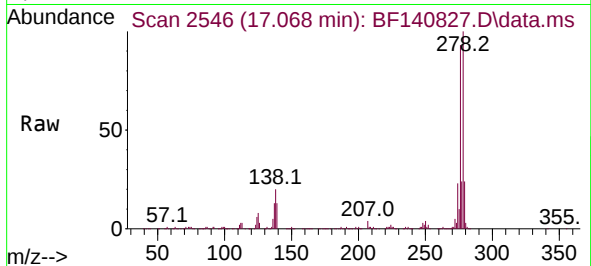
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 57.420 ng
RT: 17.068 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16

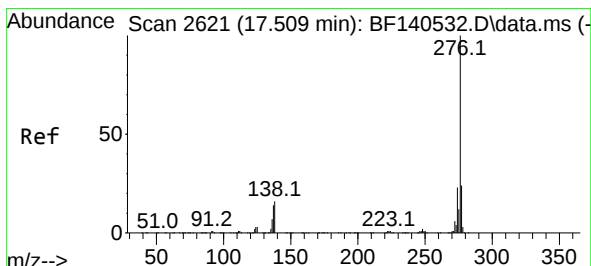
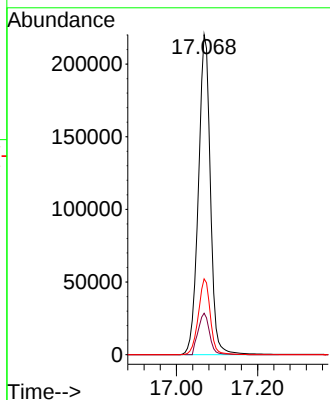
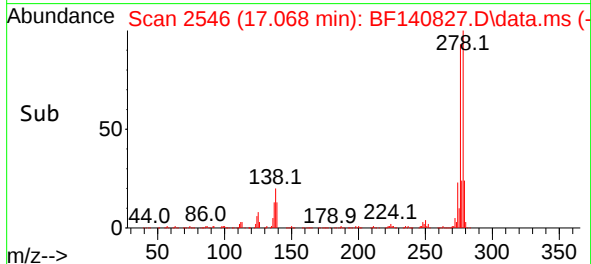
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



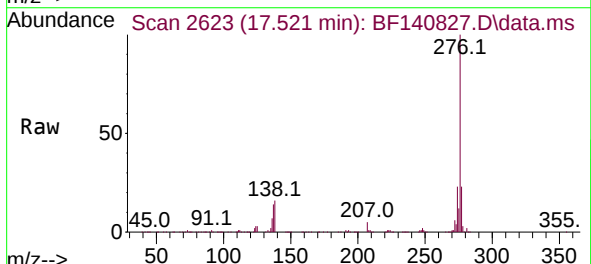
Tgt Ion:278 Resp: 452495
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.7 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 54.853 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140827.D
Acq: 11 Dec 2024 14:16



Tgt Ion:276 Resp: 441107
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 16.2 13.2 19.8

