

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140600.D
 Acq On : 25 Nov 2024 13:54
 Operator : RC/JU
 Sample : PB165152BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165152BSD

Quant Time: Nov 25 14:23:55 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	109034	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	414003	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	229665	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	432290	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254104	20.000	ng	0.00
86) Perylene-d12	15.557	264	215389	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	795018	124.408	ng	0.01
7) Phenol-d6	6.510	99	1025257	121.357	ng	0.00
23) Nitrobenzene-d5	7.434	82	672895	83.137	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	315302	128.365	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1296266	84.095	ng	0.00
79) Terphenyl-d14	12.986	244	1412352	86.548	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	104266	38.806	ng	98
3) Pyridine	3.505	79	258709	43.763	ng	99
4) n-Nitrosodimethylamine	3.458	42	143492	41.299	ng	92
6) Aniline	6.534	93	282196	47.457	ng	90
8) 2-Chlorophenol	6.663	128	309174	44.970	ng	95
9) Benzaldehyde	6.422	77	153487	34.319	ng	99
10) Phenol	6.528	94	387813	44.949	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	291837	44.203	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325535	42.139	ng	99
13) 1,4-Dichlorobenzene	6.887	146	327404	41.856	ng	99
14) 1,2-Dichlorobenzene	7.040	146	315458	43.039	ng	100
15) Benzyl Alcohol	7.016	79	280243	44.730	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	364425	46.722	ng	93
17) 2-Methylphenol	7.128	107	245042	44.525	ng	98
18) Hexachloroethane	7.381	117	124362	42.569	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	221100	44.283	ng	98
20) 3+4-Methylphenols	7.281	107	313821	44.364	ng	98
22) Acetophenone	7.281	105	418321	41.446	ng	100
24) Nitrobenzene	7.451	77	342083	40.893	ng	100
25) Isophorone	7.693	82	600875	44.510	ng	100
26) 2-Nitrophenol	7.769	139	167298	45.129	ng	97
27) 2,4-Dimethylphenol	7.804	122	245077	55.254	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	365627	44.457	ng	100
29) 2,4-Dichlorophenol	8.016	162	264433	44.992	ng	97
30) 1,2,4-Trichlorobenzene	8.093	180	273802	40.802	ng	99
31) Naphthalene	8.175	128	905902	42.481	ng	99
32) Benzoic acid	7.940	122	150123	40.258	ng	99
33) 4-Chloroaniline	8.222	127	137348	21.512	ng	100
34) Hexachlorobutadiene	8.287	225	184677	41.549	ng	99
35) Caprolactam	8.592	113	79973m	43.969	ng	
36) 4-Chloro-3-methylphenol	8.716	107	289415	43.981	ng	98
37) 2-Methylnaphthalene	8.863	142	594944	43.925	ng	100
38) 1-Methylnaphthalene	8.963	142	551141	41.513	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	290675	43.233	ng	99
41) Hexachlorocyclopentadiene	9.016	237	260138	163.733	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	187773	44.508	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

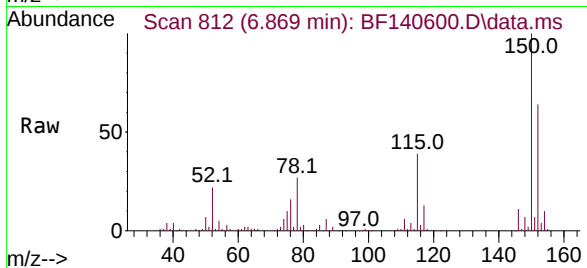
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	197888	43.219	ng	97
46) 1,1'-Biphenyl	9.328	154	747311	43.583	ng	99
47) 2-Chloronaphthalene	9.357	162	553197	42.578	ng	99
48) 2-Nitroaniline	9.451	65	186161	44.639	ng	99
49) Acenaphthylene	9.769	152	912286	46.472	ng	99
50) Dimethylphthalate	9.628	163	685858	45.344	ng	100
51) 2,6-Dinitrotoluene	9.698	165	147685	43.052	ng	92
52) Acenaphthene	9.945	154	557959	44.732	ng	98
53) 3-Nitroaniline	9.869	138	96688	28.818	ng	92
54) 2,4-Dinitrophenol	9.981	184	136283	77.031	ng	96
55) Dibenzofuran	10.116	168	834711	43.872	ng	99
56) 4-Nitrophenol	10.039	139	199311	87.105	ng	96
57) 2,4-Dinitrotoluene	10.104	165	197463	43.312	ng	97
58) Fluorene	10.457	166	664573	43.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170039	48.322	ng	95
60) Diethylphthalate	10.328	149	680128	44.256	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	324555	43.305	ng	97
62) 4-Nitroaniline	10.486	138	151693	43.108	ng	93
63) Azobenzene	10.610	77	642026	44.115	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	104960	47.514	ng	95
66) n-Nitrosodiphenylamine	10.569	169	569542	44.551	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	194816	43.760	ng	97
68) Hexachlorobenzene	11.010	284	221937	43.054	ng	99
69) Atrazine	11.098	200	188654	52.457	ng	99
70) Pentachlorophenol	11.210	266	197828	87.195	ng	99
71) Phenanthrene	11.428	178	933782	44.937	ng	99
72) Anthracene	11.475	178	949881	46.731	ng	100
73) Carbazole	11.633	167	865023	44.237	ng	100
74) Di-n-butylphthalate	11.957	149	1016548	45.029	ng	99
75) Fluoranthene	12.616	202	1004061	44.503	ng	99
77) Benzidine	12.733	184	264161	35.756	ng	100
78) Pyrene	12.845	202	1030730	43.870	ng	99
80) Butylbenzylphthalate	13.457	149	396298	46.822	ng	98
81) Benzo(a)anthracene	14.039	228	789309	46.925	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	147281	29.163	ng	100
83) Chrysene	14.080	228	687256	44.683	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	509958	47.716	ng	99
85) Di-n-octyl phthalate	14.657	149	730693	50.028	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	606607	43.216	ng	98
88) Benzo(b)fluoranthene	15.121	252	574094	42.435	ng	99
89) Benzo(k)fluoranthene	15.151	252	571947	48.311	ng	99
90) Benzo(a)pyrene	15.498	252	539283	49.025	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	498038	43.325	ng	99
92) Benzo(g,h,i)perylene	17.521	276	452716	38.593	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

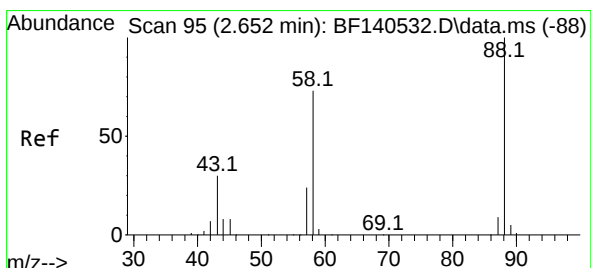
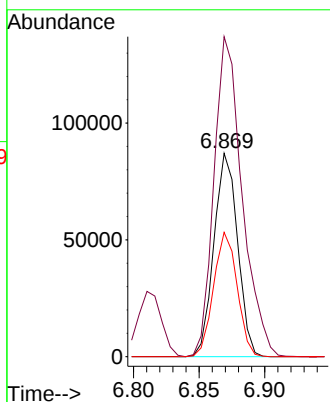
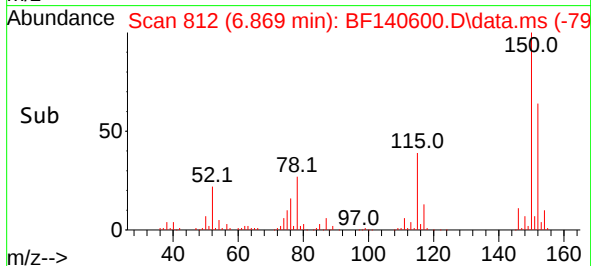
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:152 Resp: 109034
Ion Ratio Lower Upper
152 100
150 157.3 128.5 192.7
115 61.1 50.2 75.4

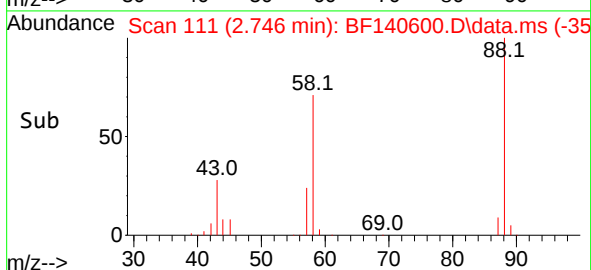
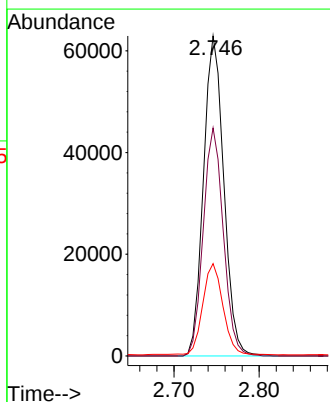
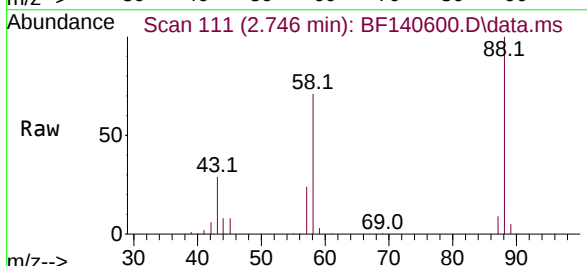
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 38.806 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.094 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

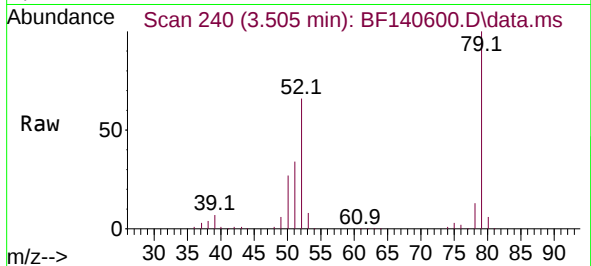
Tgt Ion: 88 Resp: 104266
Ion Ratio Lower Upper
88 100
58 70.2 57.4 86.2
43 28.7 24.3 36.5





#3
Pyridine
Concen: 43.763 ng
RT: 3.505 min Scan# 240
Delta R.T. 0.083 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

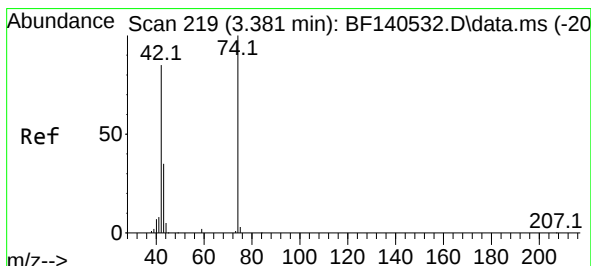
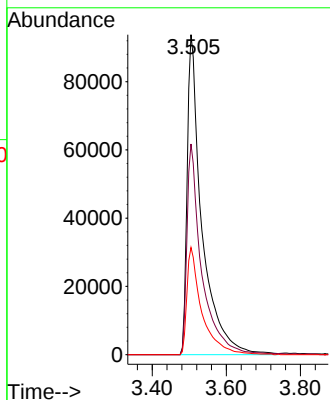
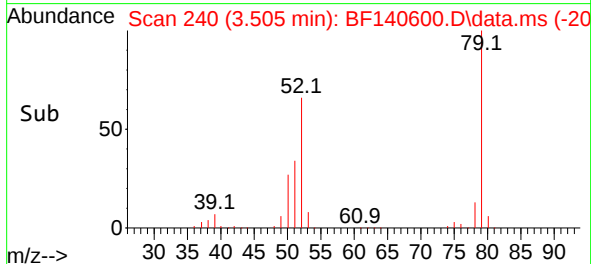
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ClientSampleId :
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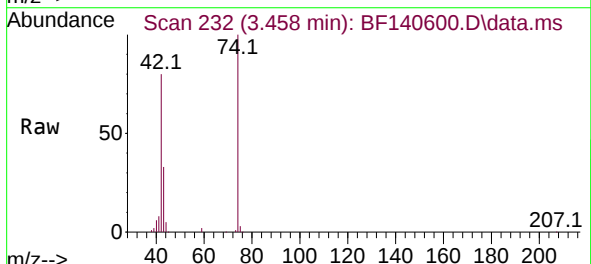
Tgt Ion: 79 Resp: 258709
Ion Ratio Lower Upper
79 100
52 65.8 52.1 78.1
51 33.5 27.8 41.8

Manual Integrations
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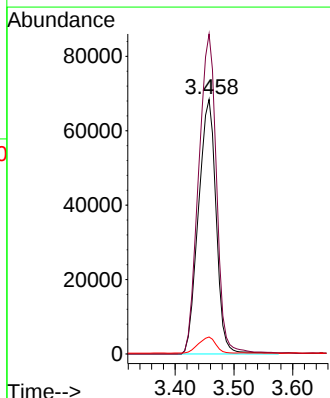
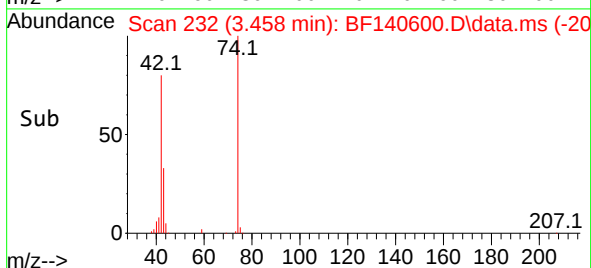
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 41.299 ng
RT: 3.458 min Scan# 232
Delta R.T. 0.077 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion: 42 Resp: 143492
Ion Ratio Lower Upper
42 100
74 125.7 93.8 140.6
44 6.6 4.6 6.8





#5
2-Fluorophenol
Concen: 124.408 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

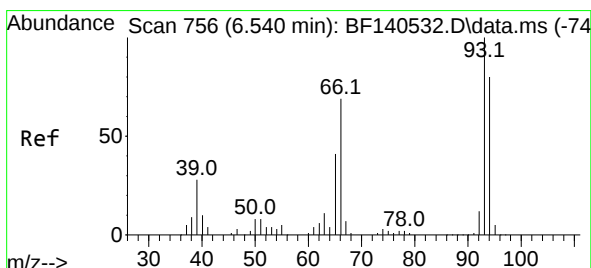
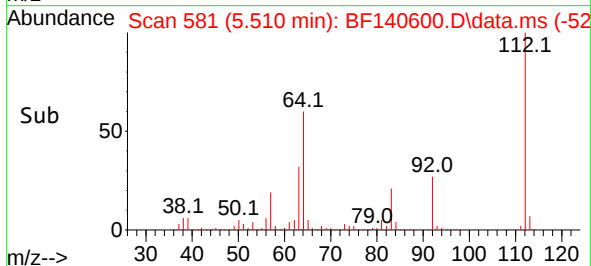
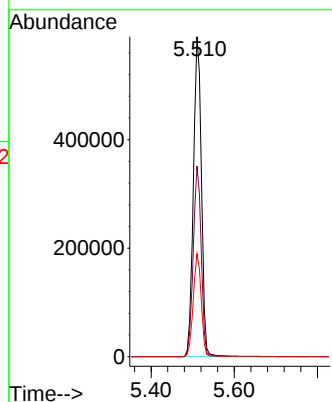
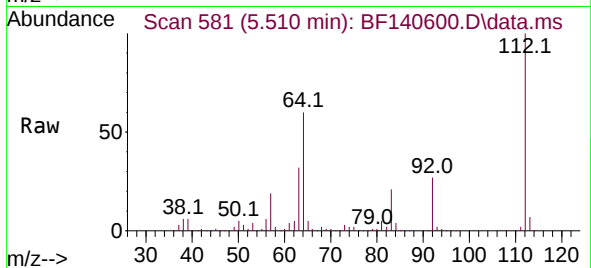
PB165152BSD

Tgt Ion:112 Resp: 795018
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 32.1 27.0 40.4

Manual Integrations

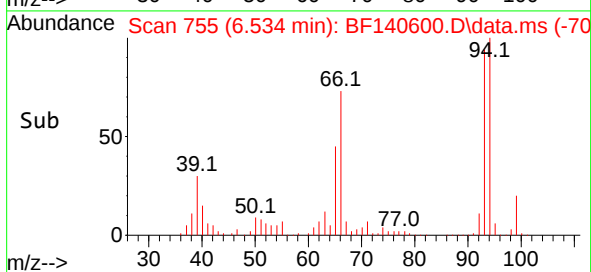
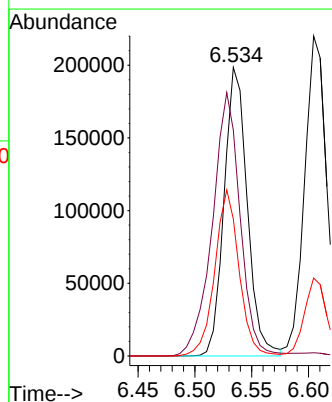
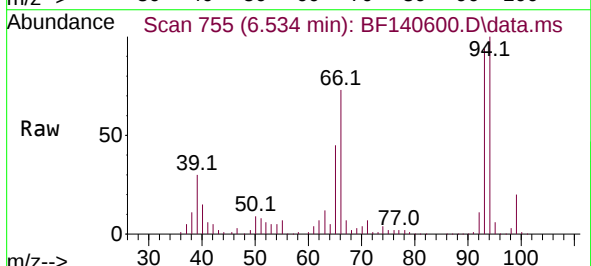
APPROVED

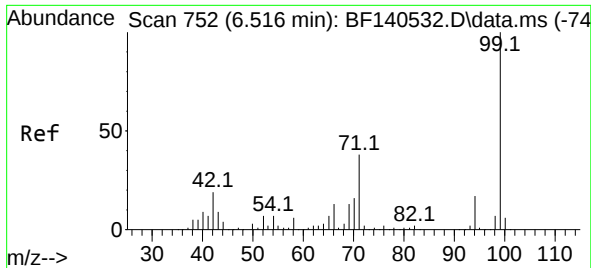
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 47.457 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion: 93 Resp: 282196
Ion Ratio Lower Upper
93 100
66 78.3 56.5 84.7
65 47.4 32.9 49.3





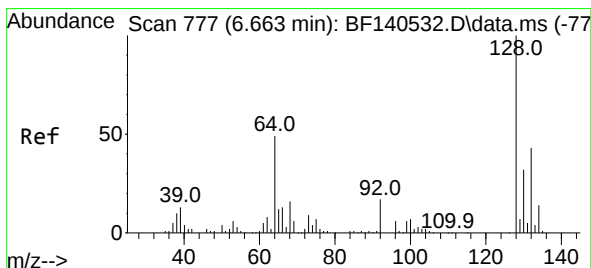
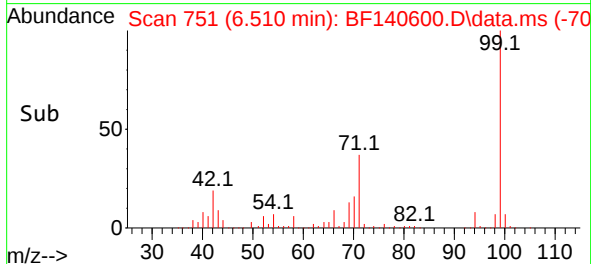
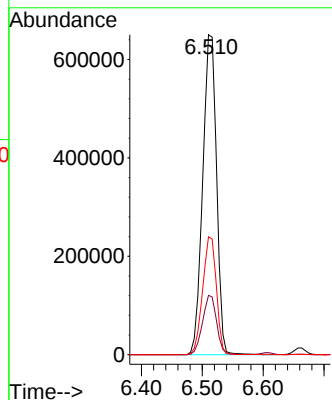
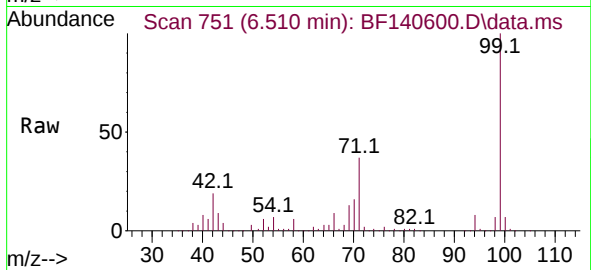
#7
Phenol-d6
Concen: 121.357 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion: 99 Resp: 102525
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 36.9 30.6 46.0

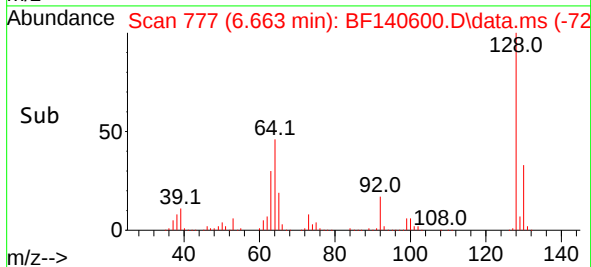
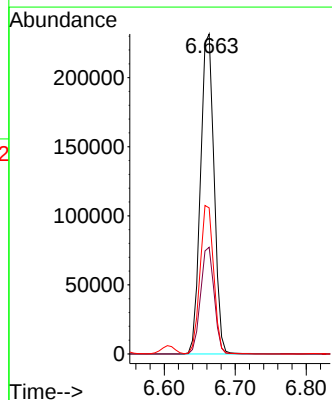
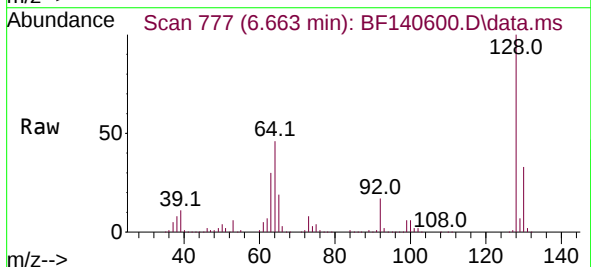
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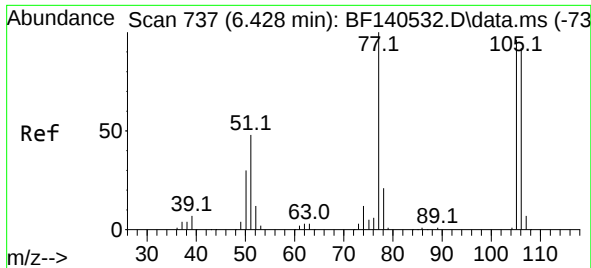
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 44.970 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:128 Resp: 309174
Ion Ratio Lower Upper
128 100
130 33.4 12.3 52.3
64 45.6 30.2 70.2





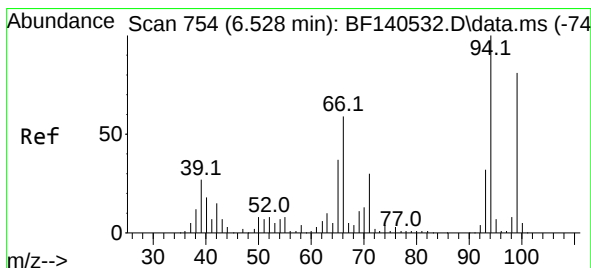
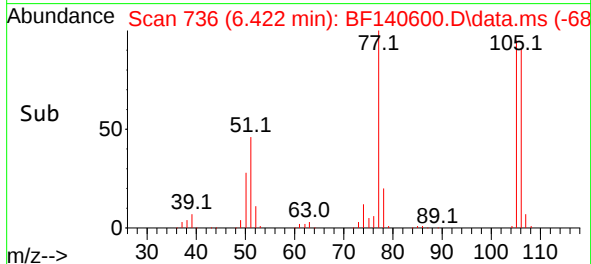
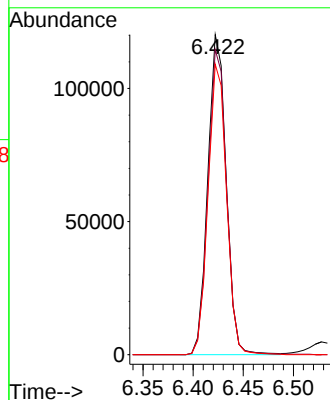
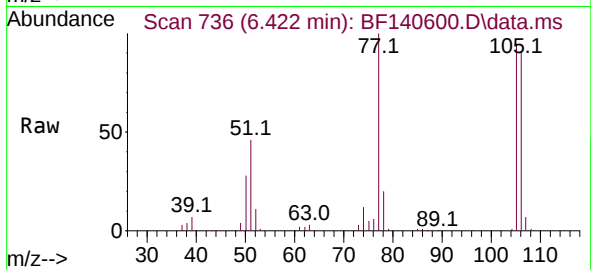
#9
Benzaldehyde
Concen: 34.319 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion: 77 Resp: 15348
Ion Ratio Lower Upper
77 100
105 95.3 75.6 115.6
106 90.7 72.0 112.0

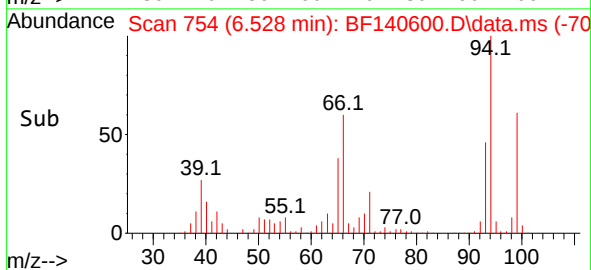
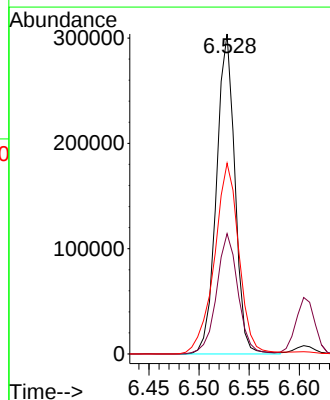
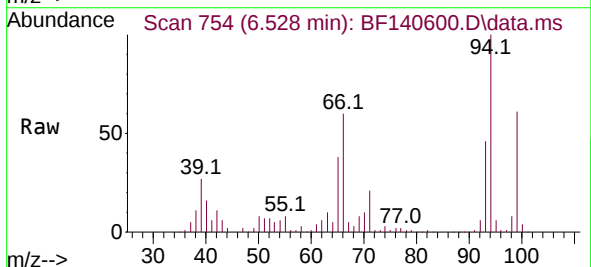
Manual Integrations
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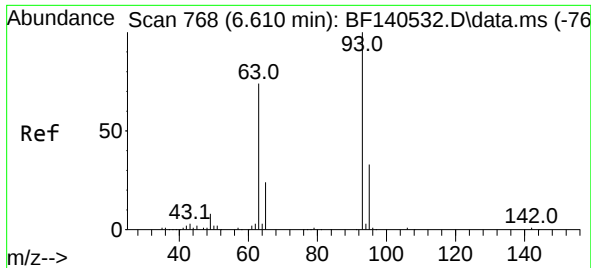
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 44.949 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion: 94 Resp: 387813
Ion Ratio Lower Upper
94 100
65 37.6 17.2 57.2
66 59.6 39.2 79.2





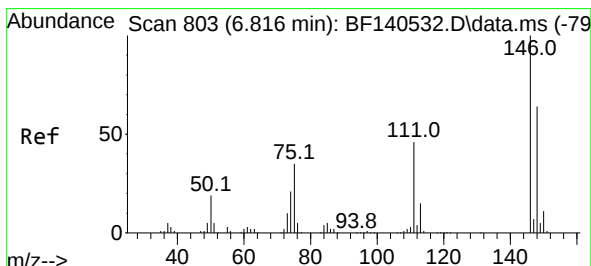
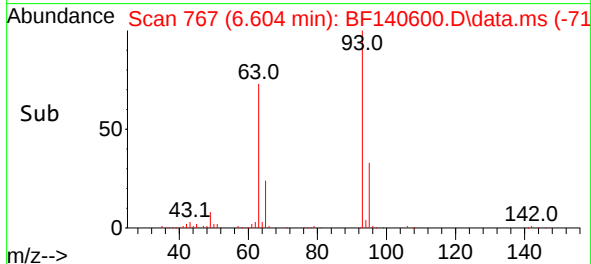
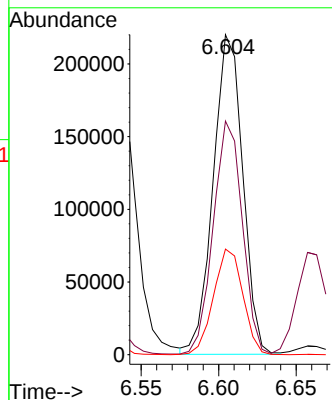
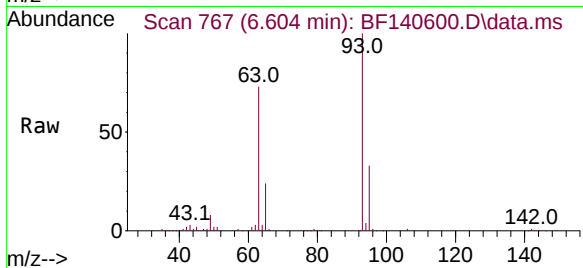
#11
bis(2-Chloroethyl)ether
Concen: 44.203 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion: 93 Resp: 29183
Ion Ratio Lower Upper
93 100
63 73.0 52.8 92.8
95 33.0 12.3 52.3

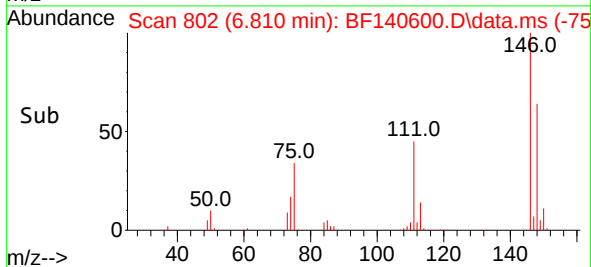
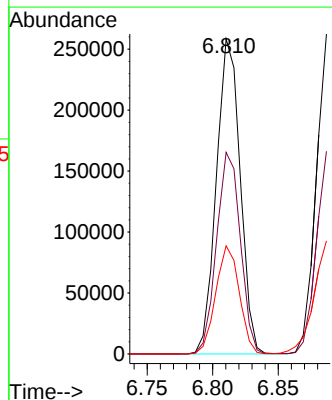
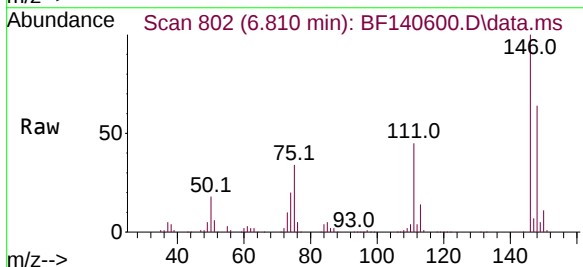
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 42.139 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:146 Resp: 325535
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 34.3 28.2 42.2





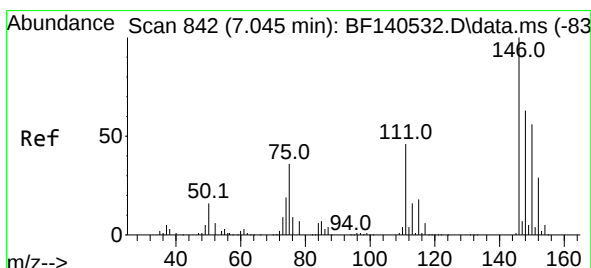
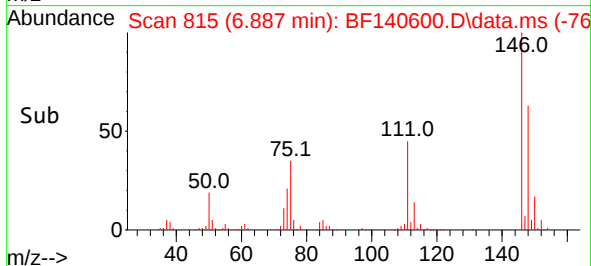
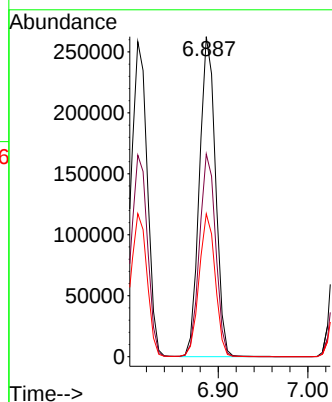
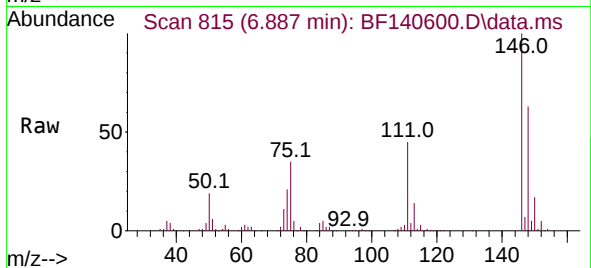
#13
1,4-Dichlorobenzene
Concen: 41.856 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion:146 Resp: 327404
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 44.7 35.3 52.9

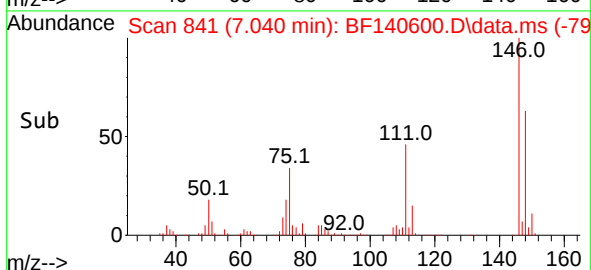
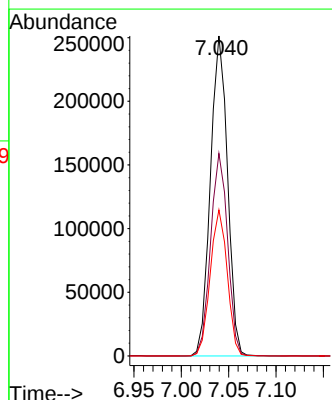
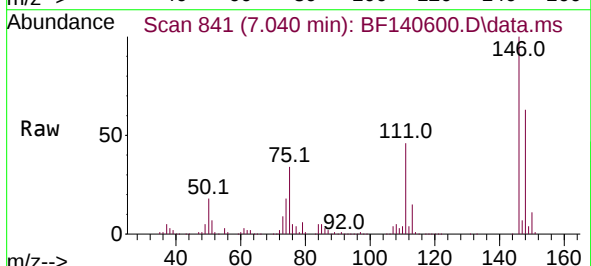
Manual Integrations
APPROVED

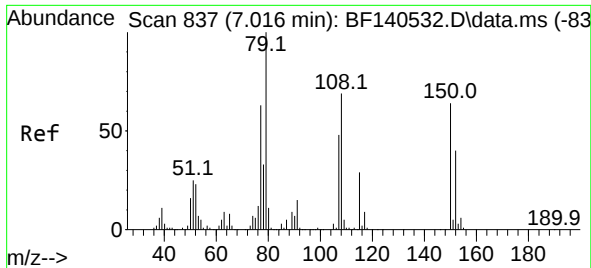
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 43.039 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:146 Resp: 315458
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 45.7 36.7 55.1





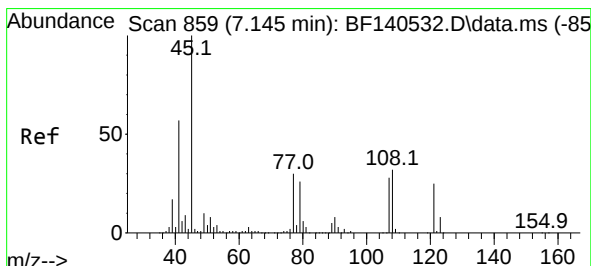
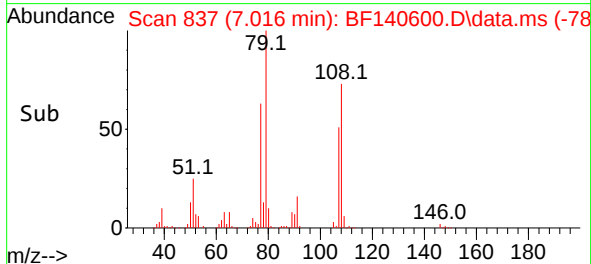
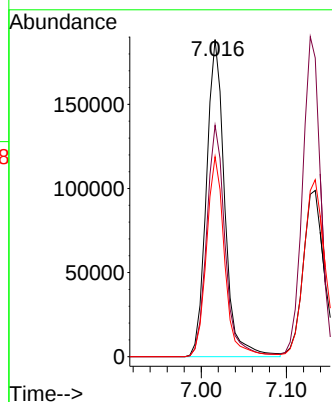
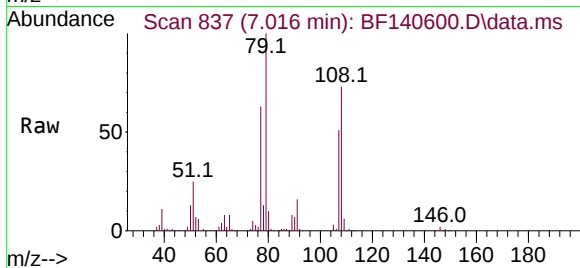
#15
Benzyl Alcohol
Concen: 44.730 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion: 79 Resp: 28024
Ion Ratio Lower Upper
79 100
108 72.9 55.0 82.6
77 63.1 50.1 75.1

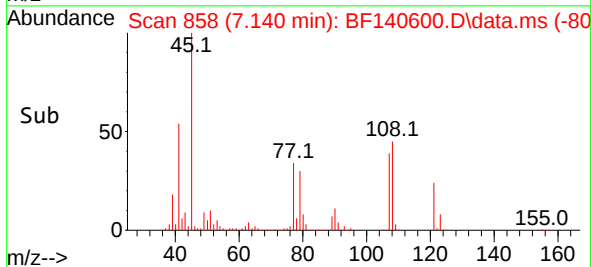
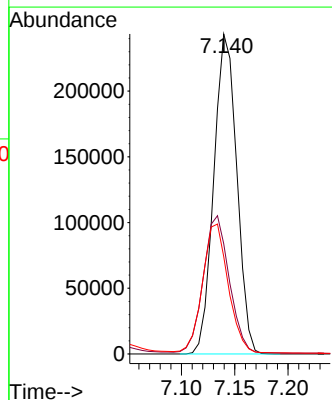
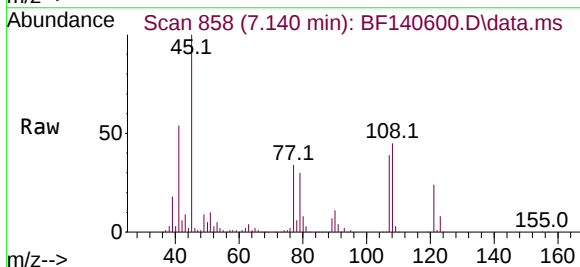
Manual Integrations
APPROVED

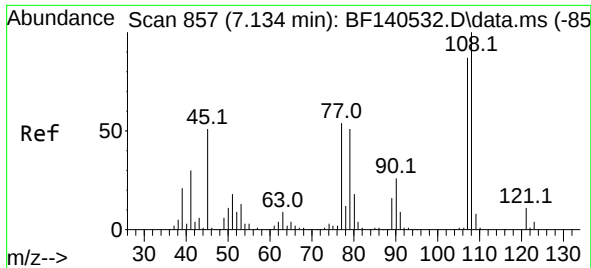
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.722 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

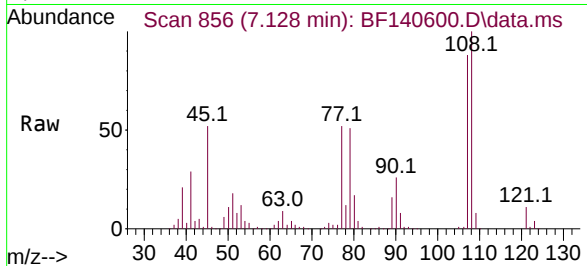
Tgt Ion: 45 Resp: 364425
Ion Ratio Lower Upper
45 100
77 34.5 10.7 50.7
79 30.4 7.0 47.0





#17
2-Methylphenol
Concen: 44.525 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

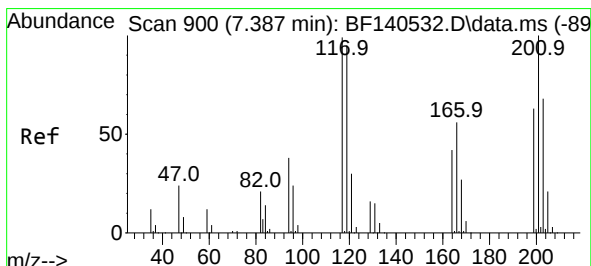
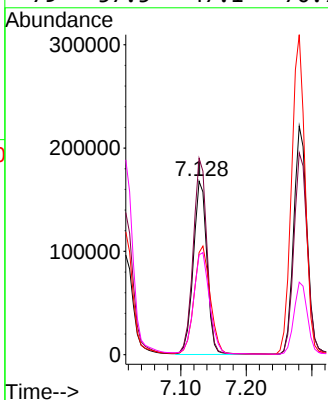
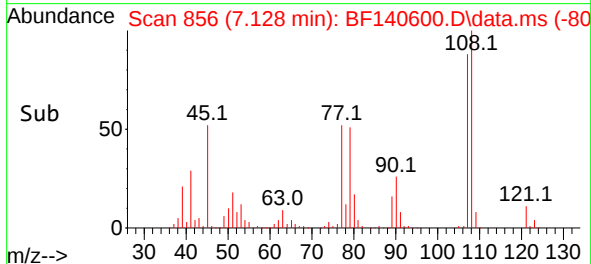
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:107 Resp: 24504
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 58.8 49.3 73.9
79 57.5 47.1 70.7

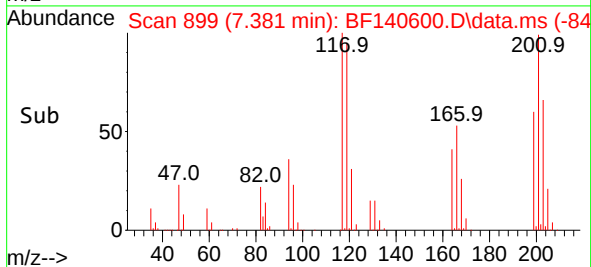
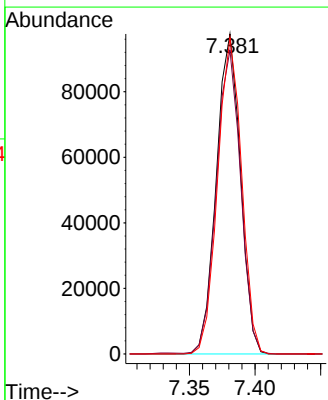
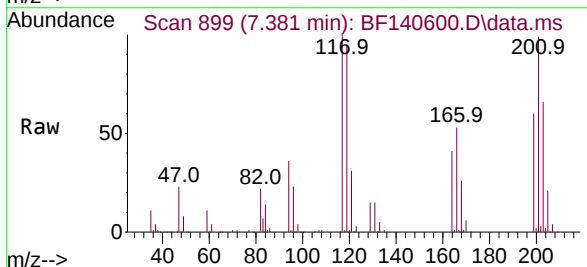
Manual Integrations
APPROVED

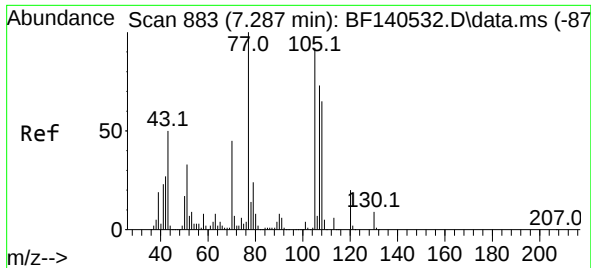
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 42.569 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:117 Resp: 124362
Ion Ratio Lower Upper
117 100
119 94.9 77.1 115.7
201 98.9 81.1 121.7





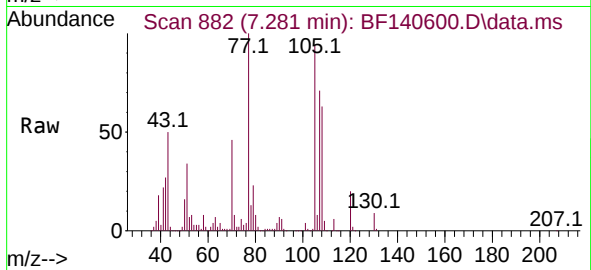
#19
n-Nitroso-di-n-propylamine
Concen: 44.283 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

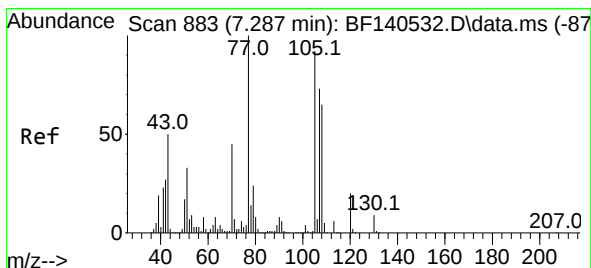
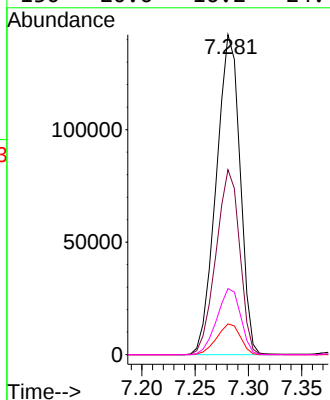
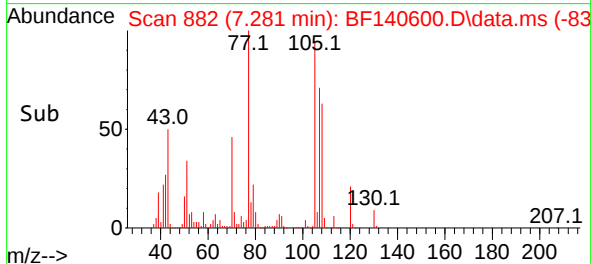


Tgt Ion: 70 Resp: 221100
Ion Ratio Lower Upper
70 100
42 57.8 47.6 71.4
101 9.6 7.6 11.4
130 20.6 16.2 24.4

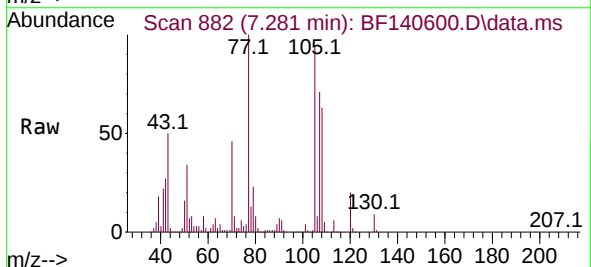
Manual Integrations

APPROVED

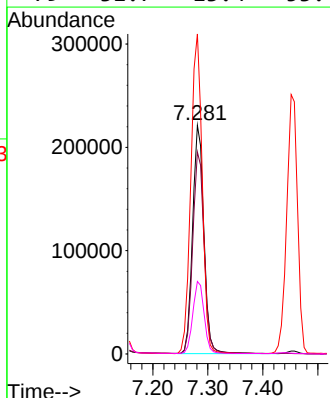
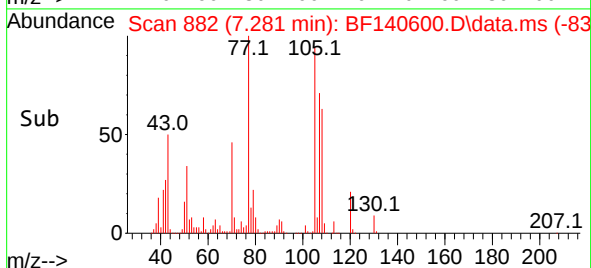
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 44.364 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:107 Resp: 313821
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 139.9 117.7 157.7
79 31.7 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

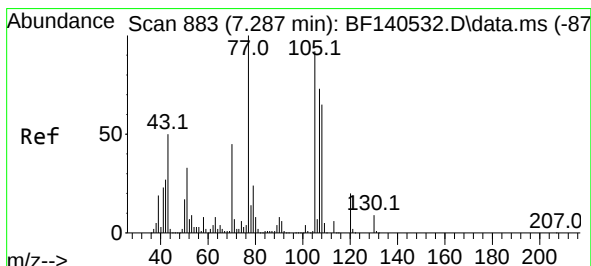
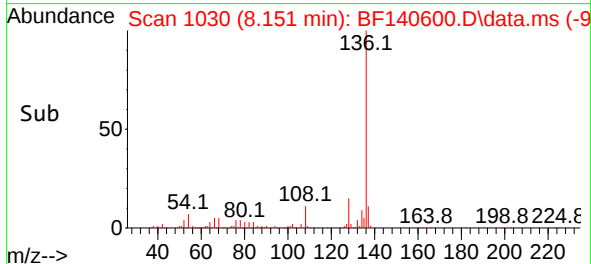
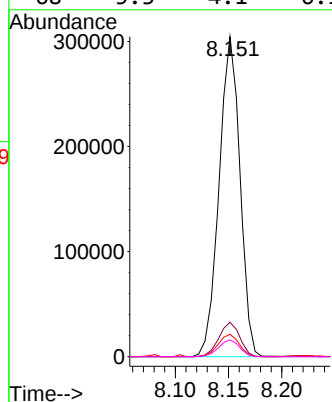
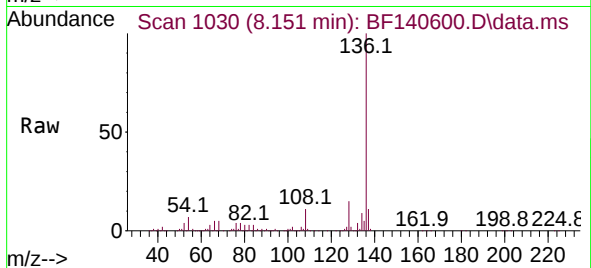
PB165152BSD

Tgt Ion:136 Resp: 414000
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.0 5.8 8.8
68 5.3 4.1 6.1

Manual Integrations

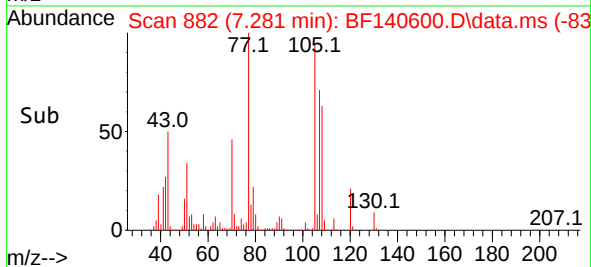
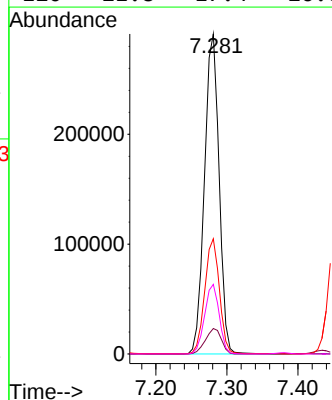
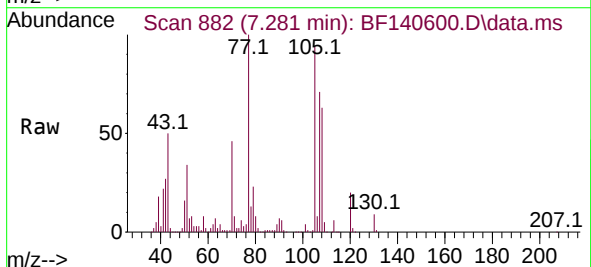
APPROVED

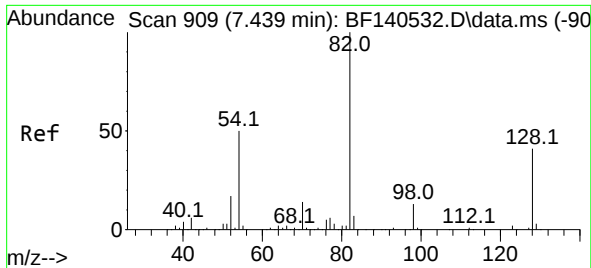
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 41.446 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:105 Resp: 418321
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 36.0 29.0 43.6
120 21.8 17.4 26.0





#23
Nitrobenzene-d5
Concen: 83.137 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

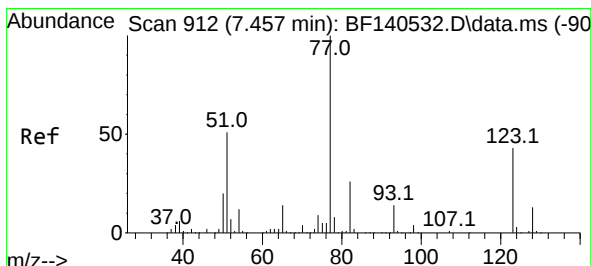
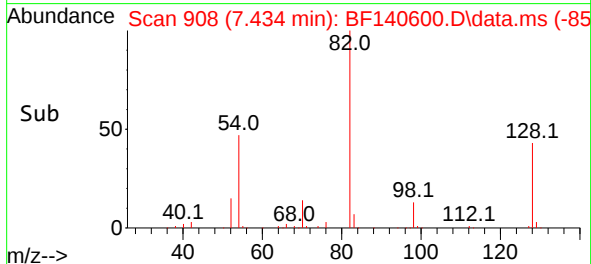
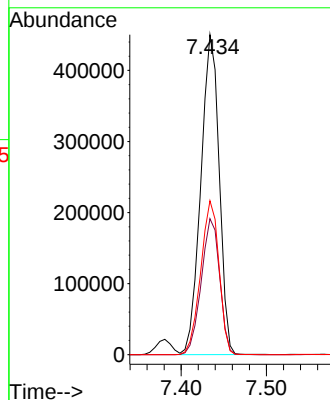
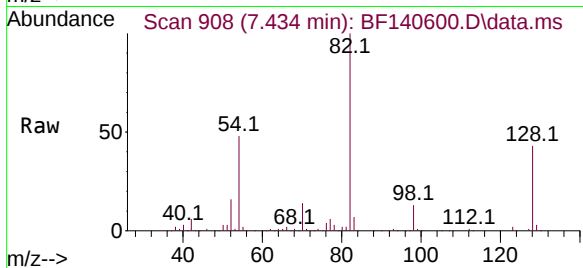
PB165152BSD

Tgt Ion: 82 Resp: 67289
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.1 39.5 59.3

Manual Integrations

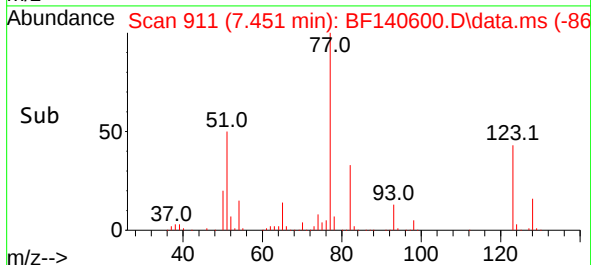
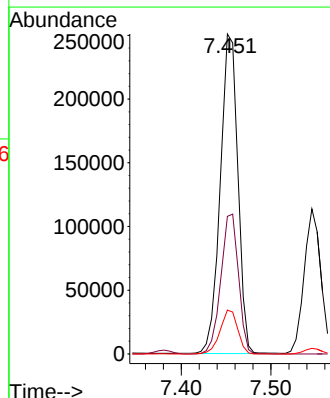
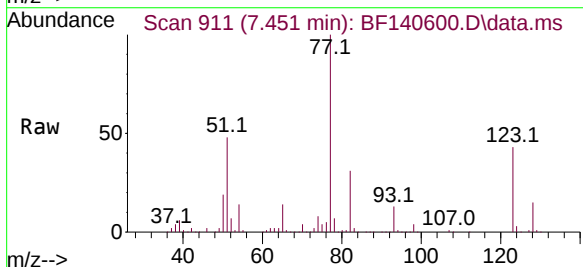
APPROVED

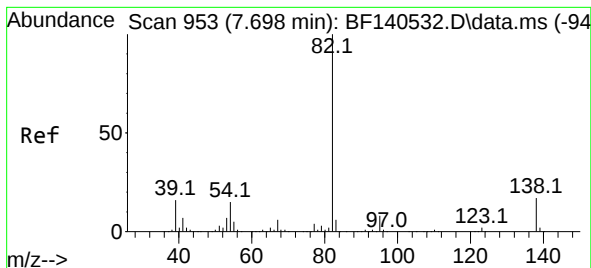
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 40.893 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion: 77 Resp: 342083
Ion Ratio Lower Upper
77 100
123 43.0 34.3 51.5
65 13.7 11.2 16.8





#25

Isophorone

Concen: 44.510 ng

RT: 7.693 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

Tgt Ion: 82 Resp: 60087

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

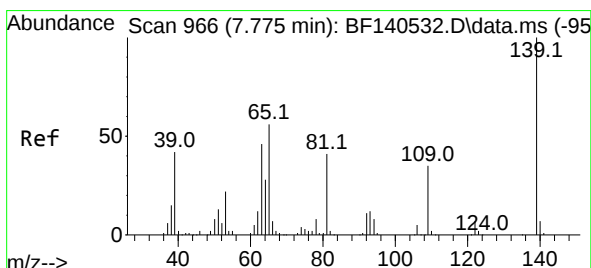
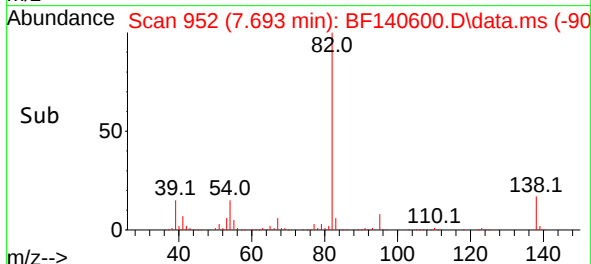
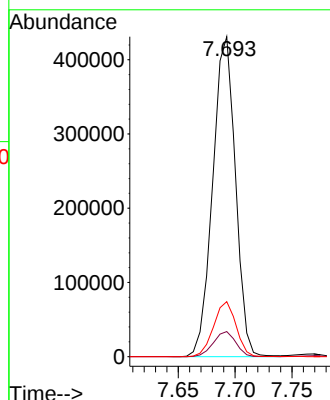
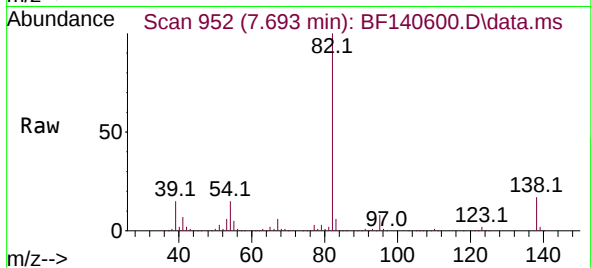
138 17.2 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#26

2-Nitrophenol

Concen: 45.129 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

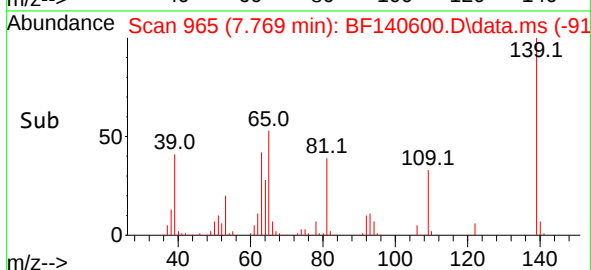
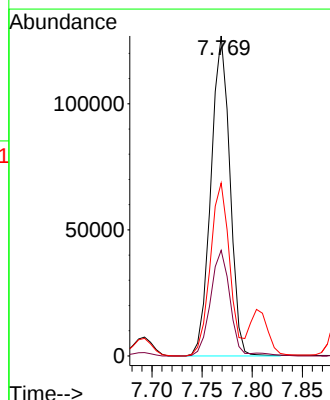
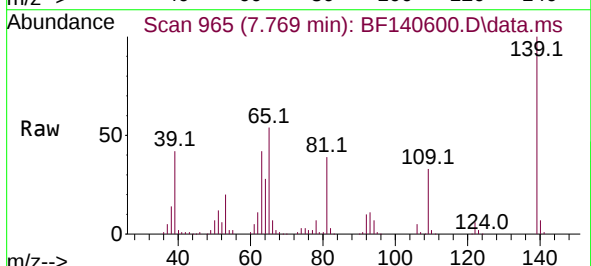
Tgt Ion:139 Resp: 167298

Ion Ratio Lower Upper

139 100

109 33.0 28.0 42.0

65 54.1 44.6 67.0





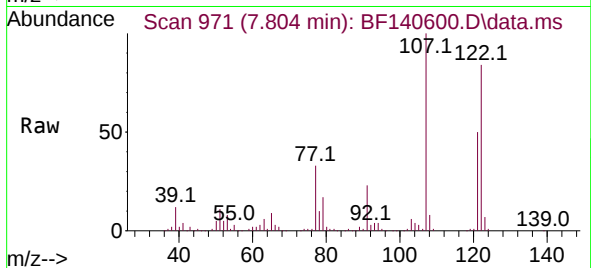
#27
2,4-Dimethylphenol
Concen: 55.254 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD



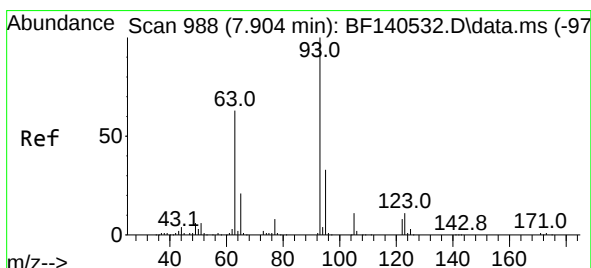
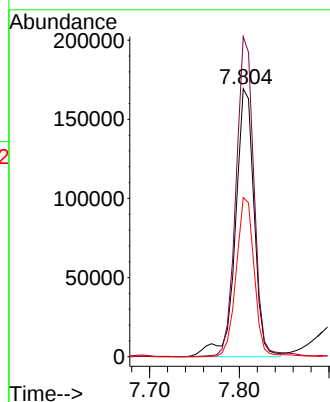
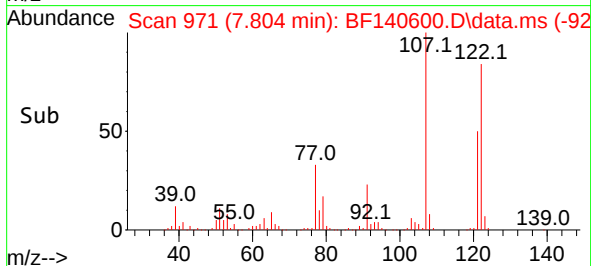
Tgt Ion:122 Resp: 24507
Ion Ratio Lower Upper
122 100
107 119.4 96.8 145.2
121 59.4 47.4 71.0

Manual Integrations

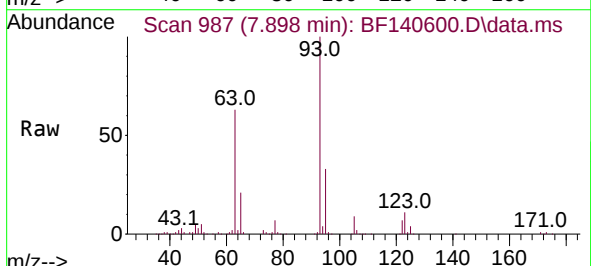
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

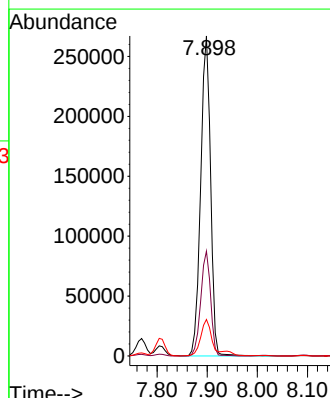
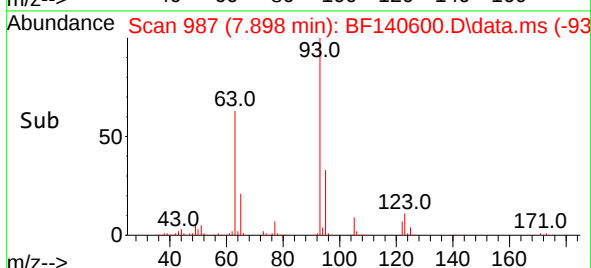
Supervised By :mohammad ahmed 11/27/2024

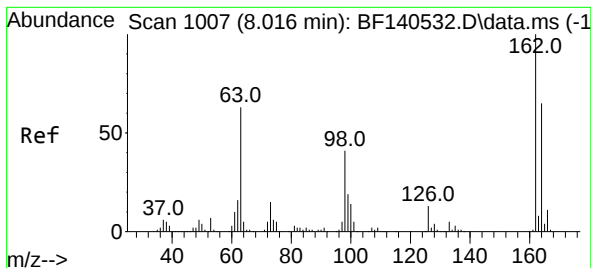


#28
bis(2-Chloroethoxy)methane
Concen: 44.457 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



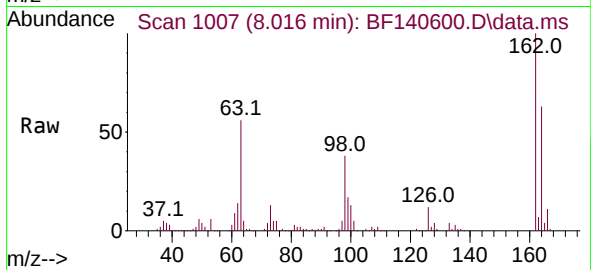
Tgt Ion: 93 Resp: 365627
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.4 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 44.992 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

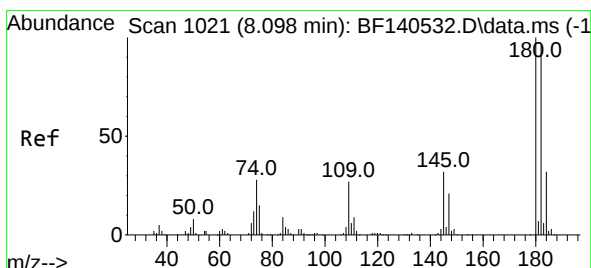
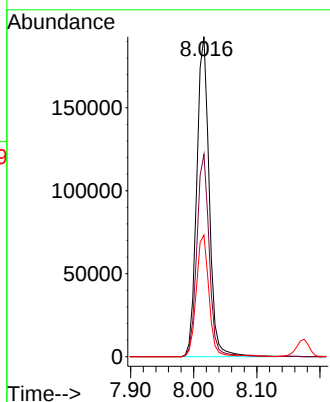
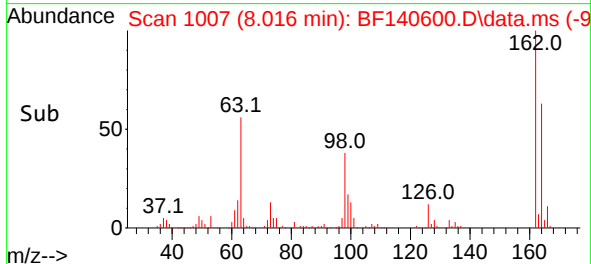
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



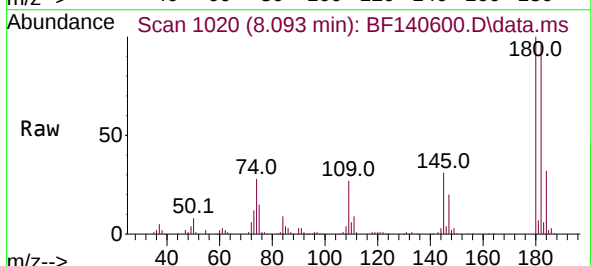
Tgt Ion:162 Resp: 26443
Ion Ratio Lower Upper
162 100
164 63.3 44.8 84.8
98 38.0 21.2 61.2

Manual Integrations
APPROVED

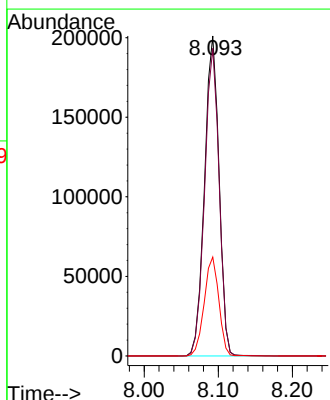
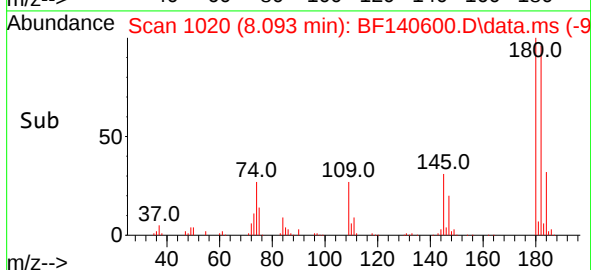
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.802 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:180 Resp: 273802
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 30.9 25.9 38.9





#31
Naphthalene
Concen: 42.481 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

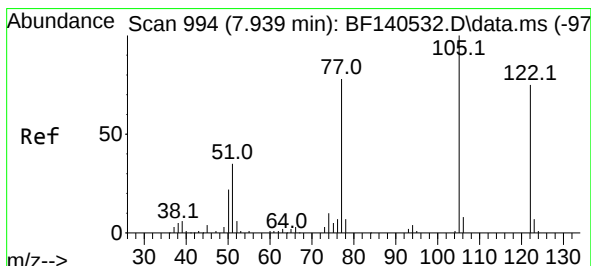
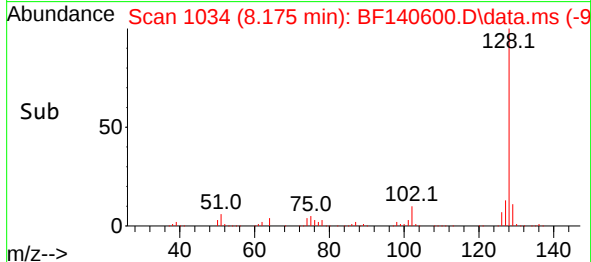
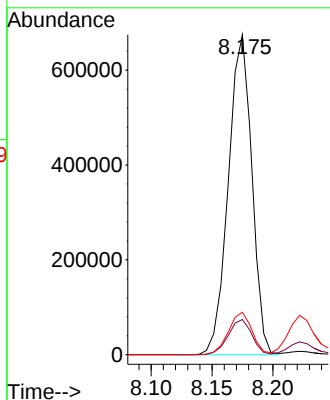
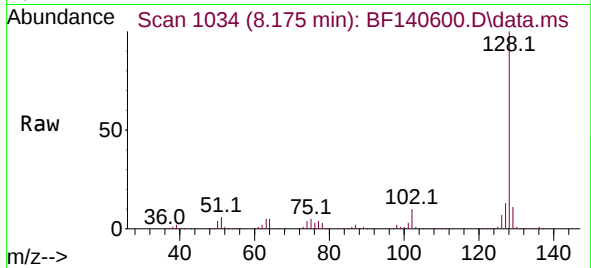
ClientSampleId :

PB165152BSD

Tgt Ion:128 Resp: 90590
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2

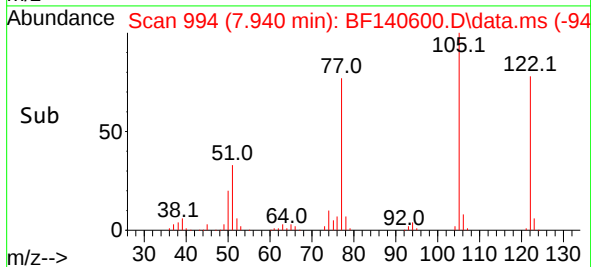
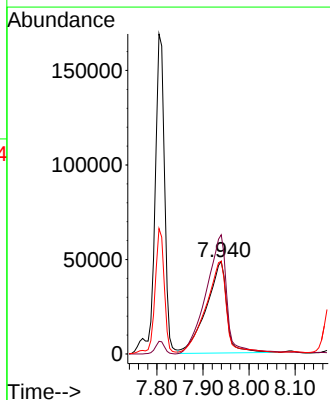
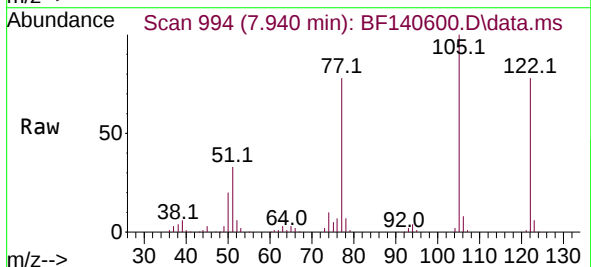
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 40.258 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:122 Resp: 150123
Ion Ratio Lower Upper
122 100
105 128.8 109.3 149.3
77 100.3 82.3 122.3





#33
4-Chloroaniline
Concen: 21.512 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

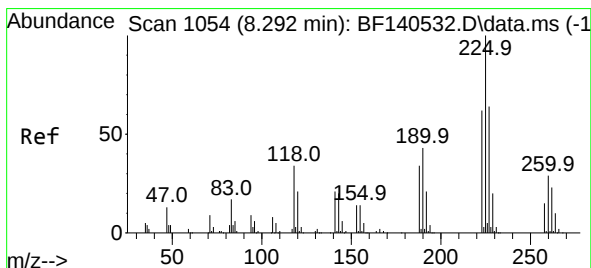
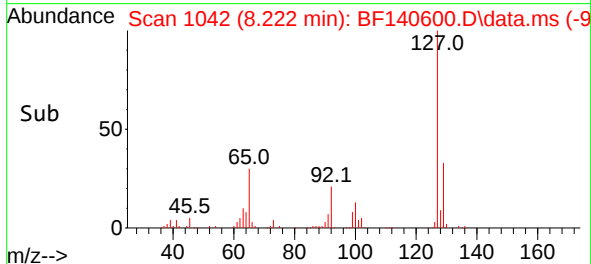
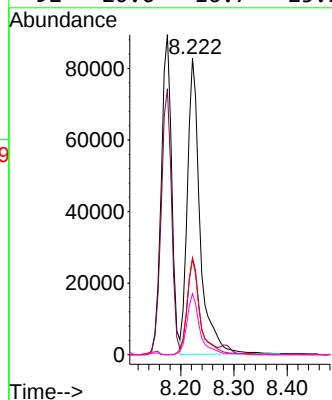
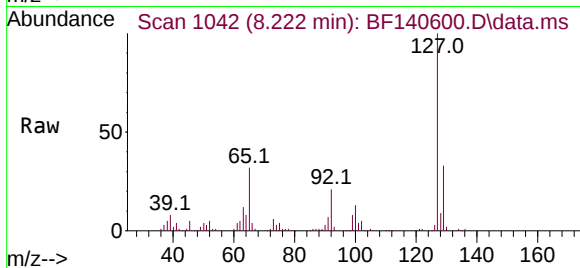
ClientSampleId :

PB165152BSD

Tgt Ion:127 Resp: 137348
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 32.3 26.0 39.0
92 20.6 16.7 25.1

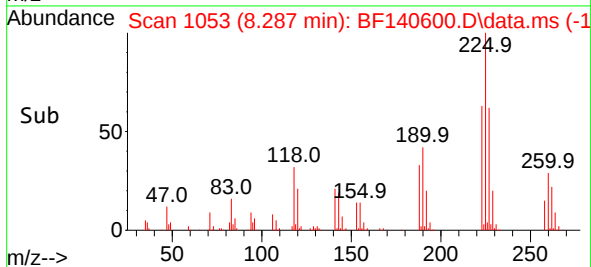
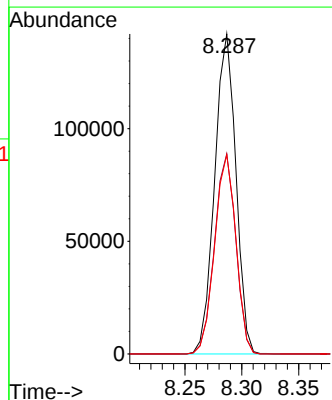
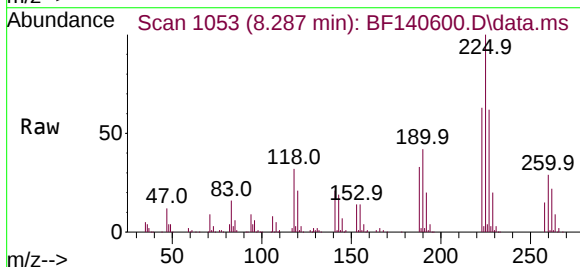
Manual Integrations
APPROVED

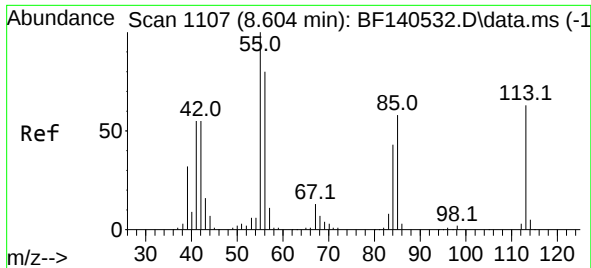
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 41.549 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:225 Resp: 184677
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 62.3 51.3 76.9





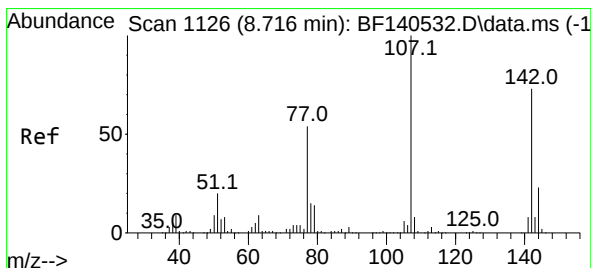
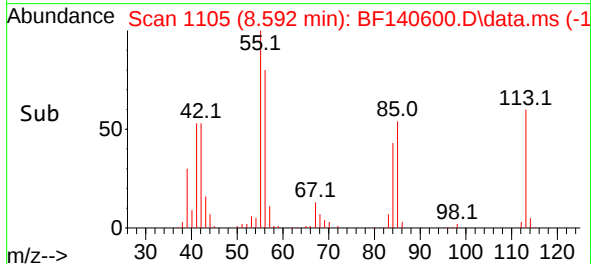
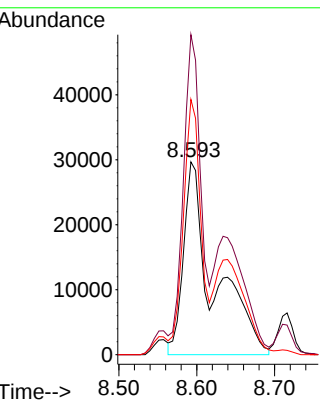
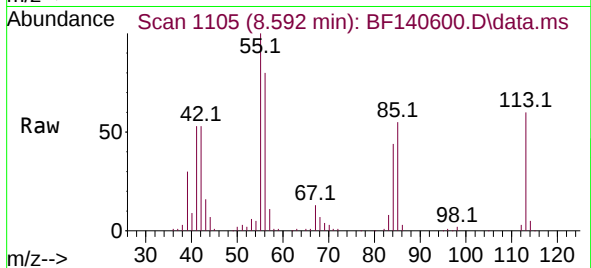
#35
Caprolactam
Concen: 43.969 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion:113 Resp: 7997
Ion Ratio Lower Upper
113 100
55 166.0 137.7 177.7
56 132.4 106.4 146.4

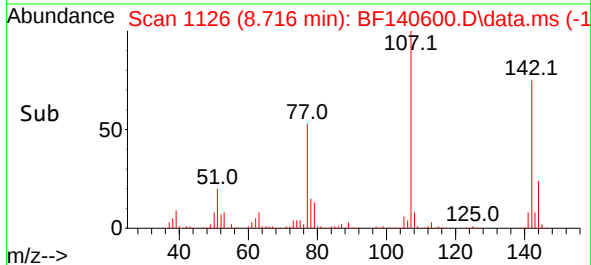
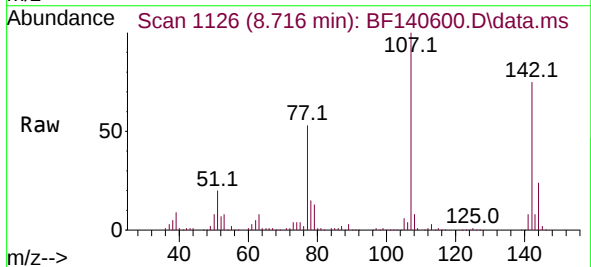
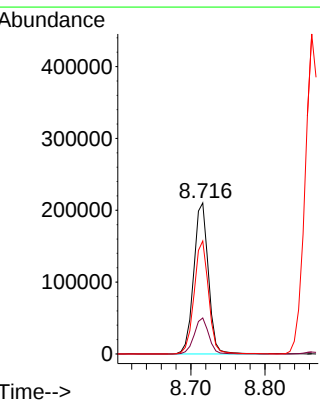
Manual Integrations
APPROVED

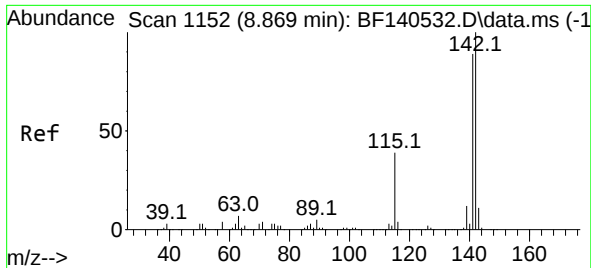
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 43.981 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:107 Resp: 289415
Ion Ratio Lower Upper
107 100
144 23.8 18.7 28.1
142 74.8 58.3 87.5





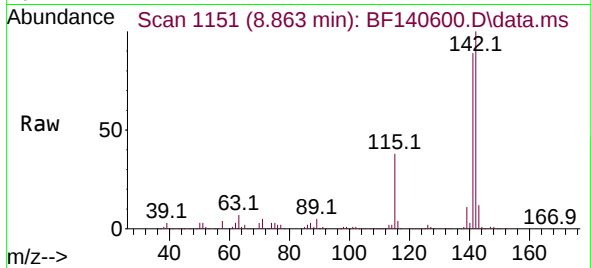
#37
2-Methylnaphthalene
Concen: 43.925 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD



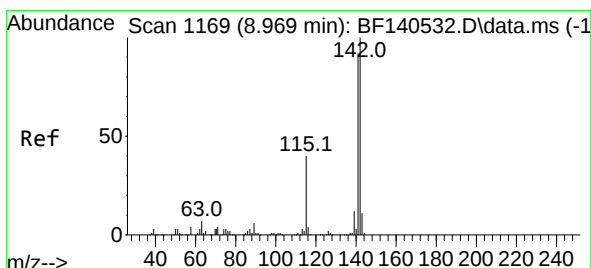
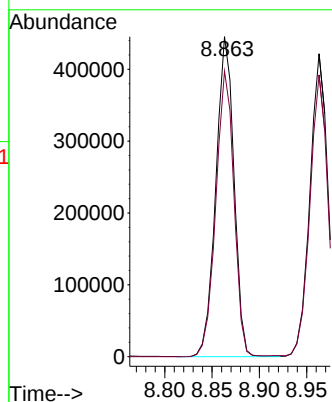
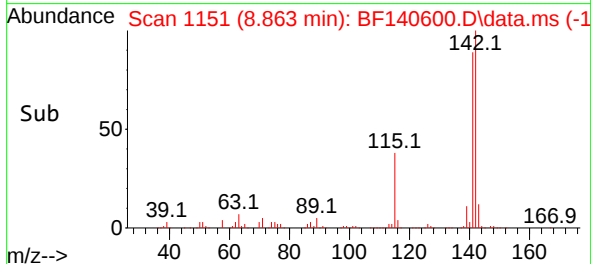
Tgt Ion:142 Resp: 594944
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

Manual Integrations

APPROVED

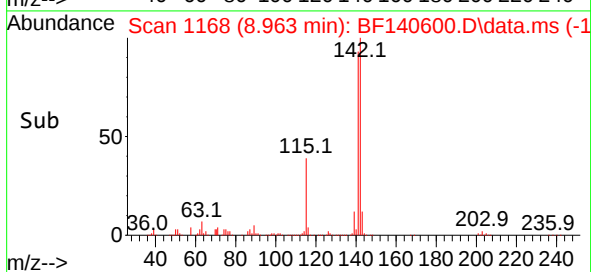
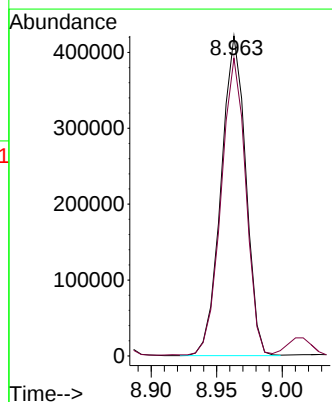
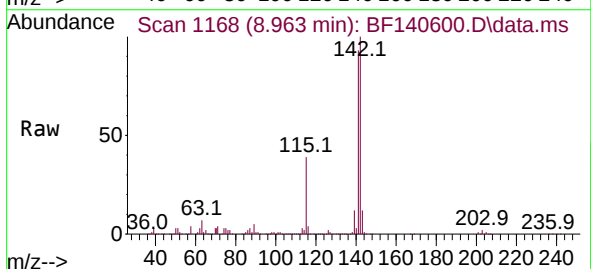
Reviewed By :Yogesh Patel 11/27/2024

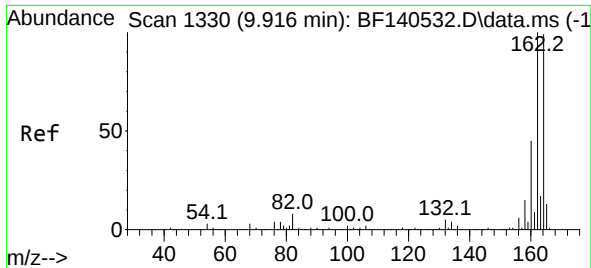
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 41.513 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:142 Resp: 551141
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

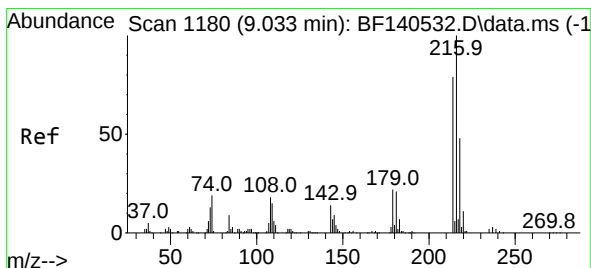
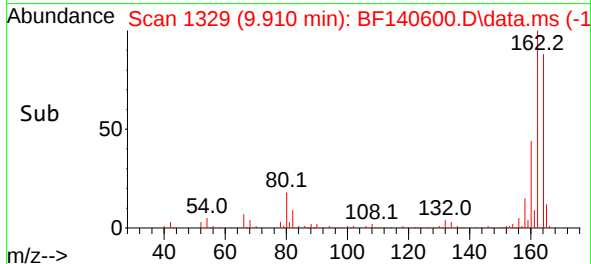
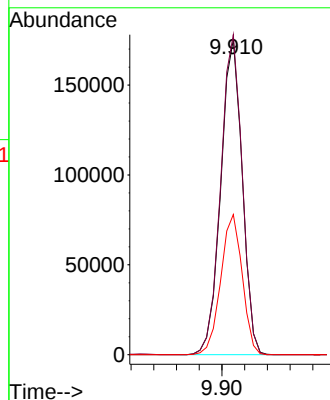
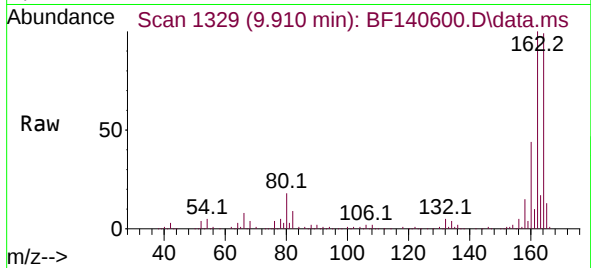
Tgt Ion:164 Resp: 229668
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 44.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.233 ng

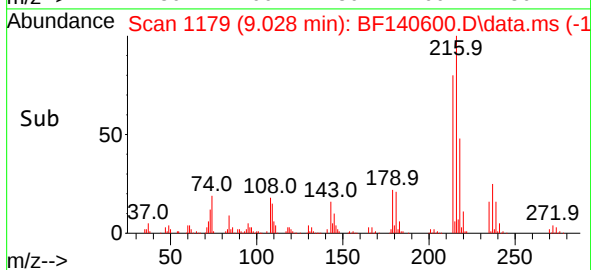
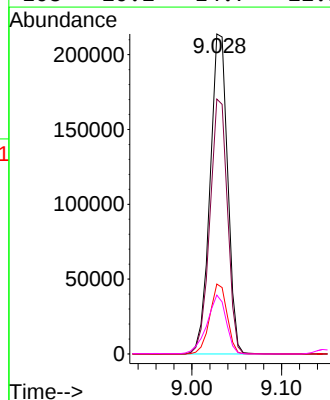
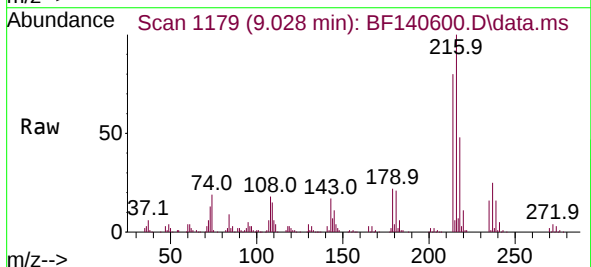
RT: 9.028 min Scan# 1179

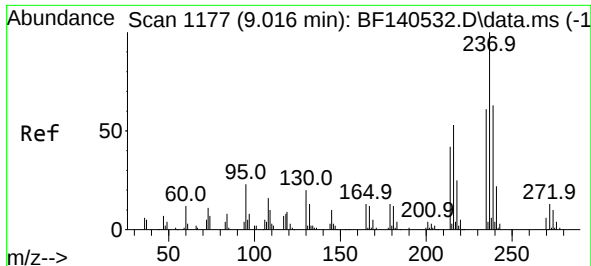
Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

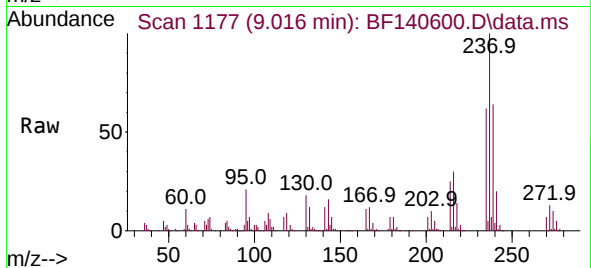
Tgt Ion:216 Resp: 290675
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.0 94.4
 179 21.5 17.5 26.3
 108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 163.733 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

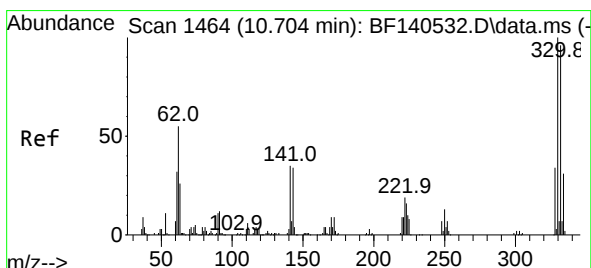
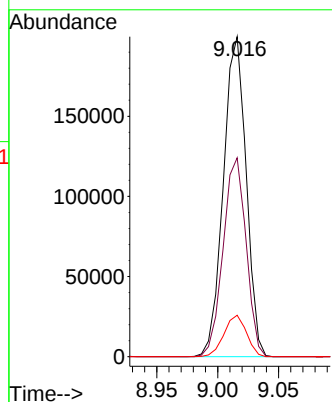
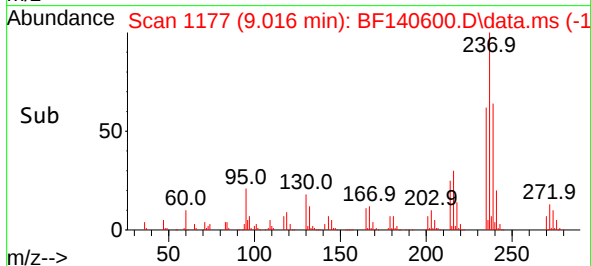
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



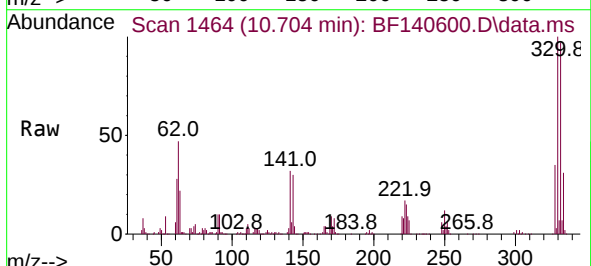
Tgt Ion:237 Resp: 260138
Ion Ratio Lower Upper
237 100
235 62.2 41.1 81.1
272 12.9 0.0 32.6

Manual Integrations
APPROVED

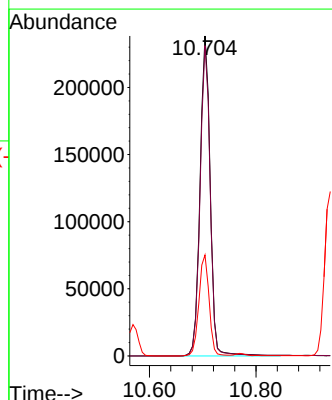
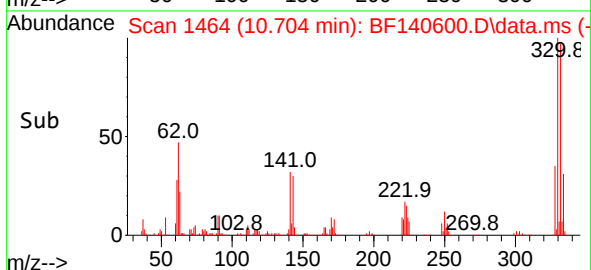
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

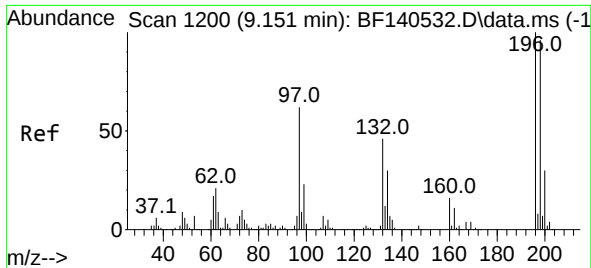


#42
2,4,6-Tribromophenol
Concen: 128.365 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:330 Resp: 315302
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 31.8 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 44.508 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

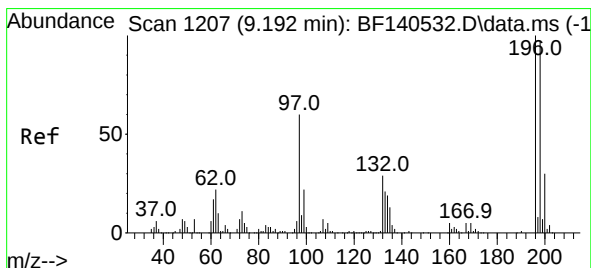
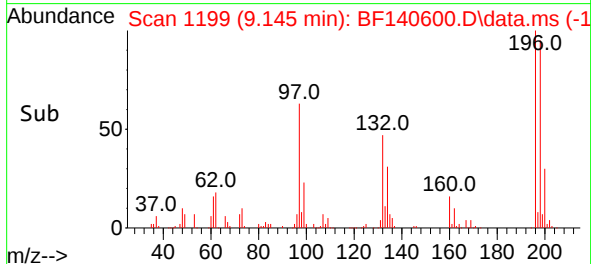
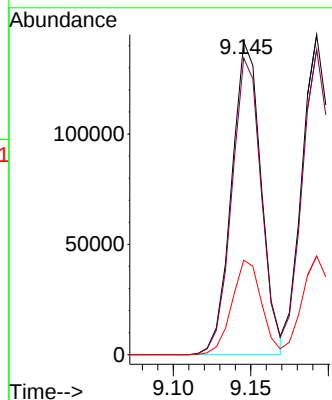
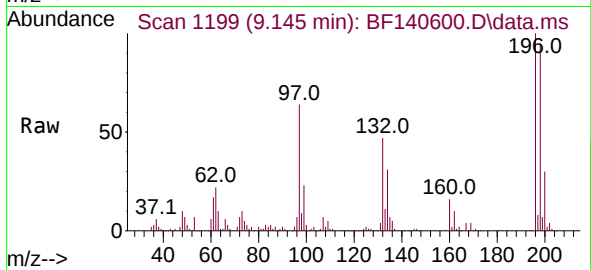
PB165152BSD

Tgt Ion:196 Resp: 18777
Ion Ratio Lower Upper
196 100
198 94.7 76.8 115.2
200 30.1 24.3 36.5

Manual Integrations

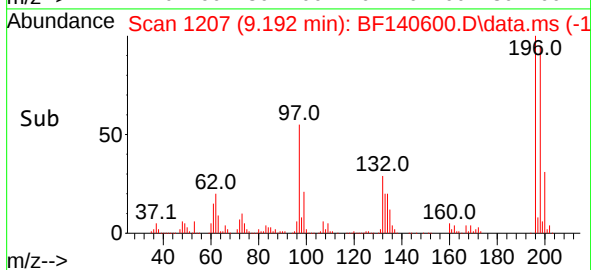
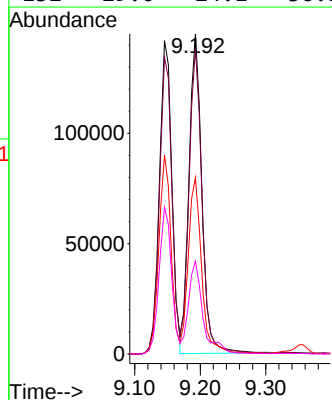
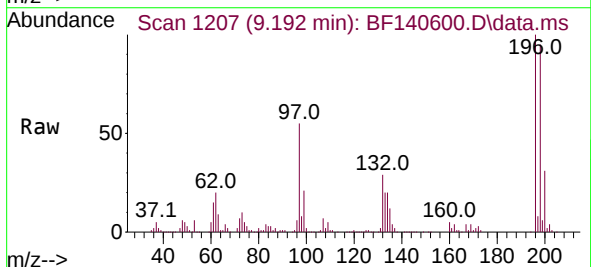
APPROVED

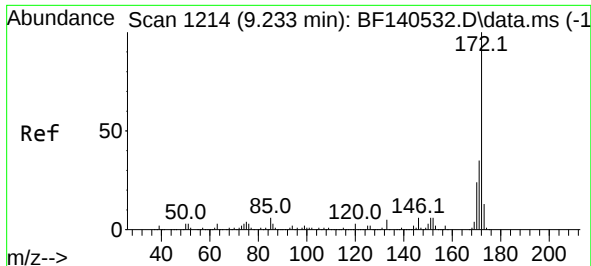
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 43.219 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

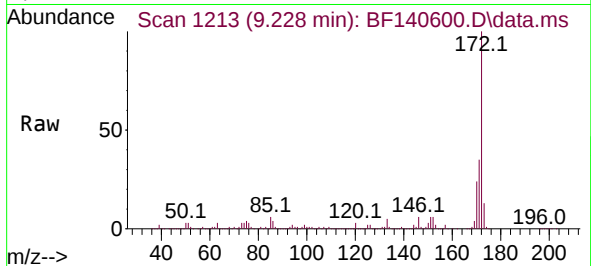
Tgt Ion:196 Resp: 197888
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 55.1 47.1 70.7
132 29.0 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 84.095 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

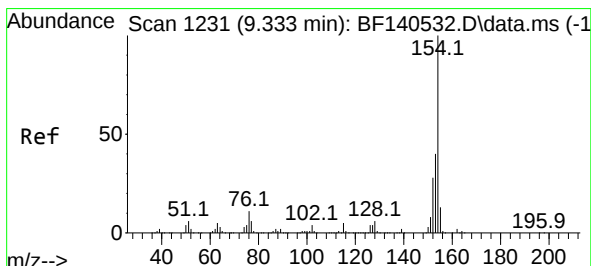
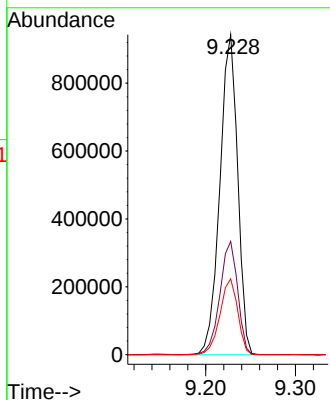
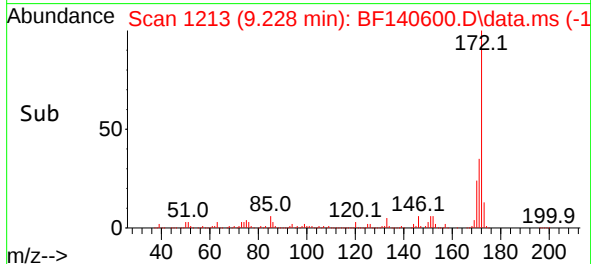
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:172 Resp: 1296260
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6

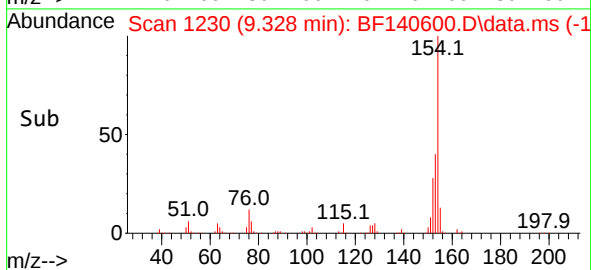
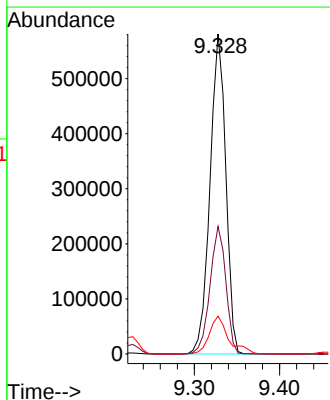
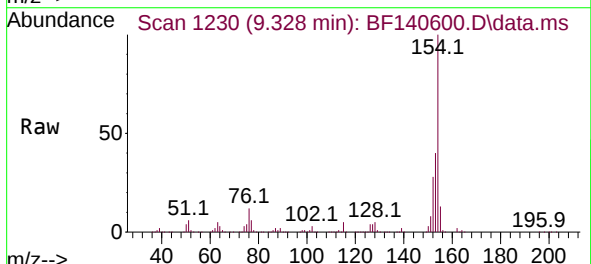
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 43.583 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:154 Resp: 747311
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 11.8 0.0 31.2





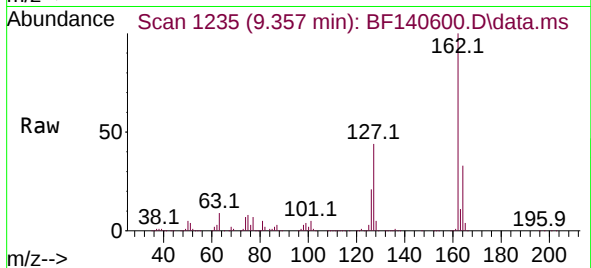
#47
2-Chloronaphthalene
Concen: 42.578 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD



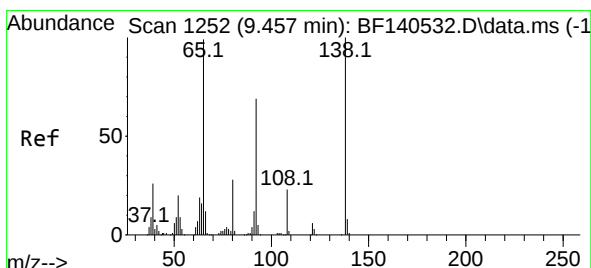
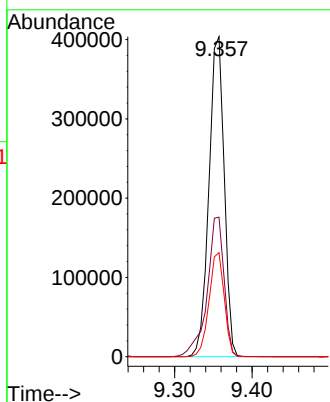
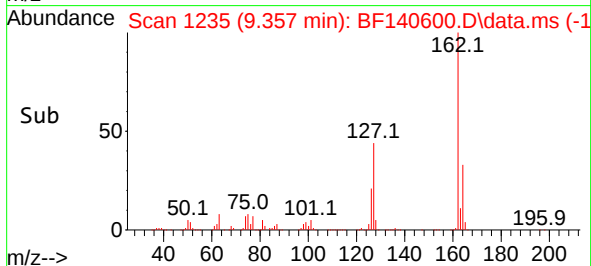
Tgt Ion:162 Resp: 55319
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 32.5 26.1 39.1

Manual Integrations

APPROVED

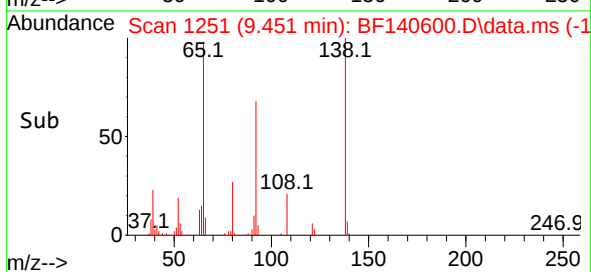
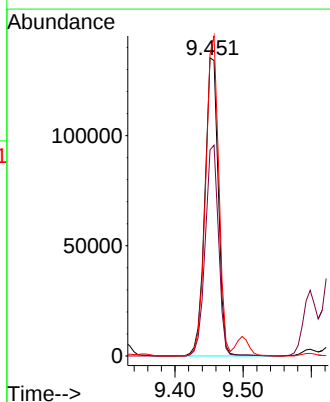
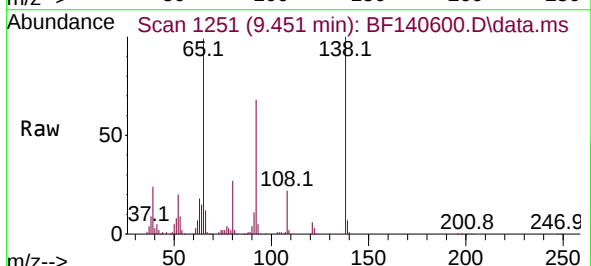
Reviewed By :Yogesh Patel 11/27/2024

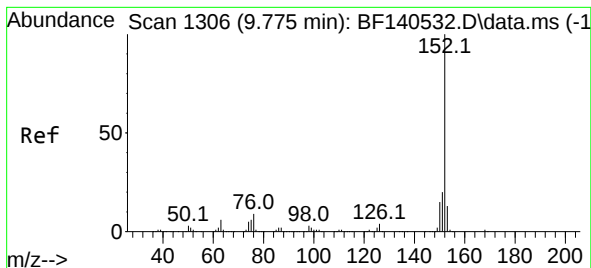
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 44.639 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion: 65 Resp: 186161
Ion Ratio Lower Upper
65 100
92 69.1 56.1 84.1
138 101.2 81.0 121.6





#49

Acenaphthylene

Concen: 46.472 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

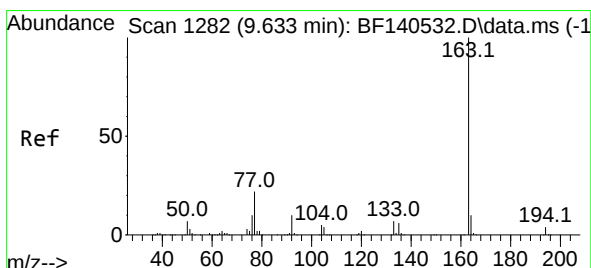
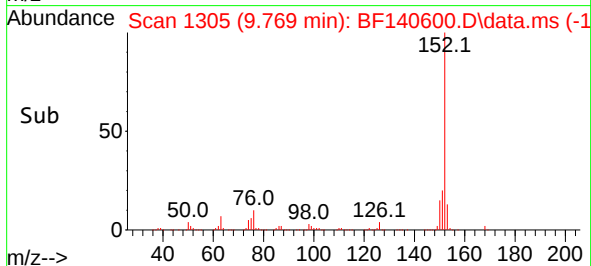
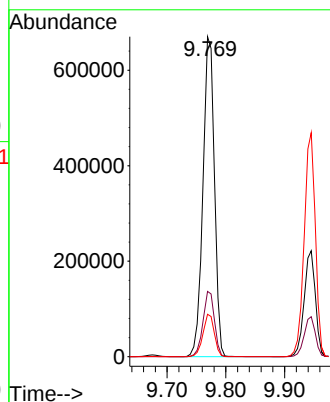
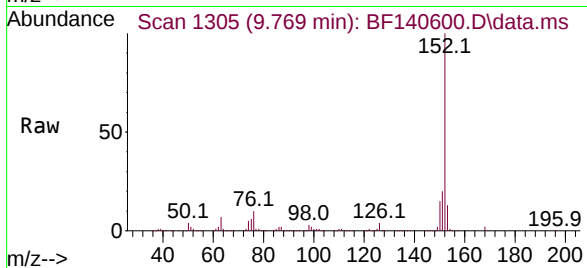
Tgt Ion:152 Resp: 912280
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.9 23.9
 153 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 45.344 ng

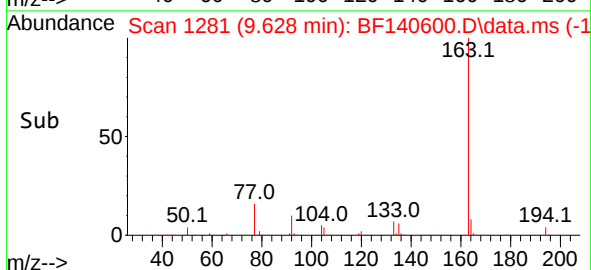
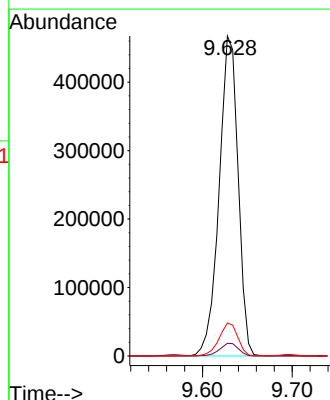
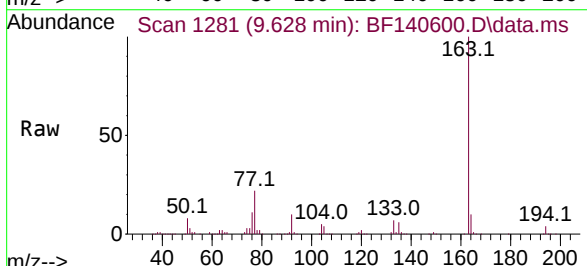
RT: 9.628 min Scan# 1281

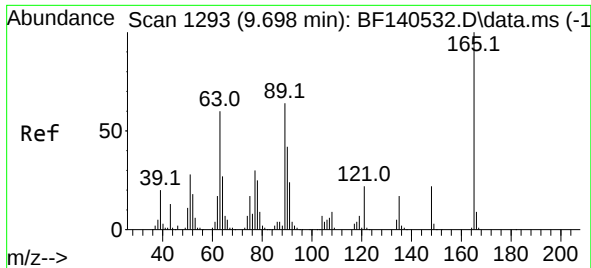
Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Tgt Ion:163 Resp: 685858
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.3 8.2 12.2





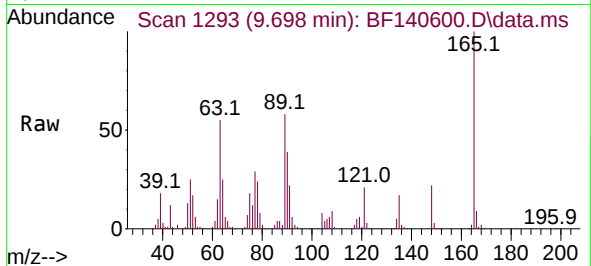
#51
2,6-Dinitrotoluene
Concen: 43.052 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

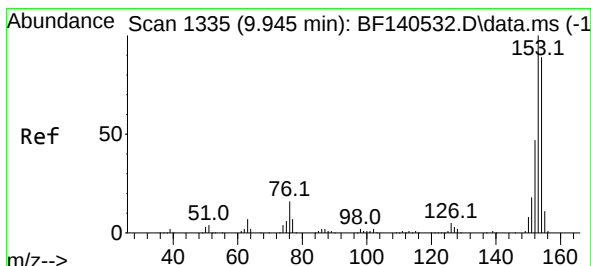
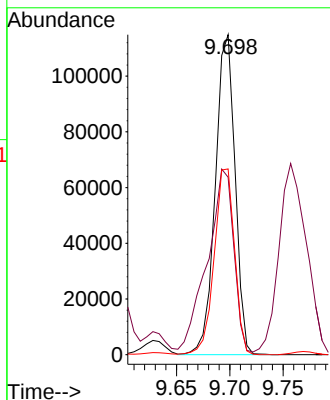
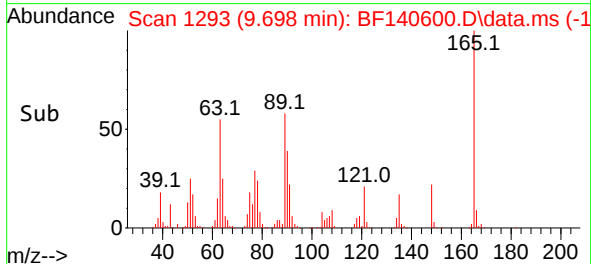


Tgt Ion:165 Resp: 147689
Ion Ratio Lower Upper
165 100
63 55.5 49.9 74.9
89 58.1 50.9 76.3

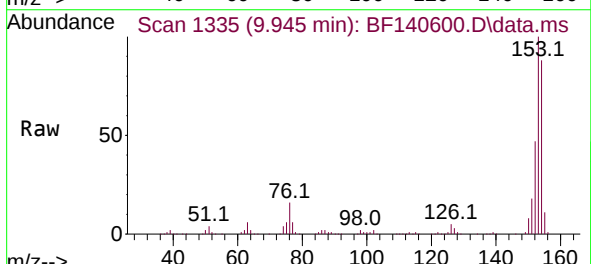
Manual Integrations

APPROVED

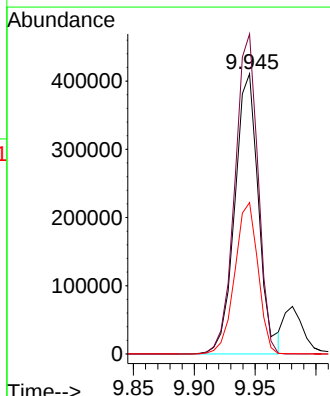
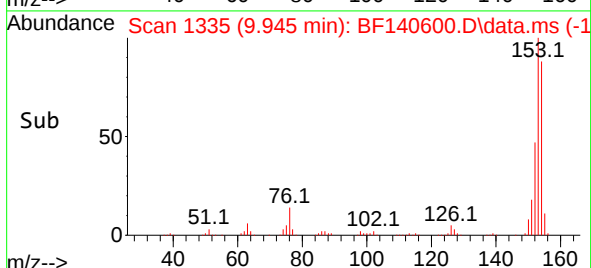
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

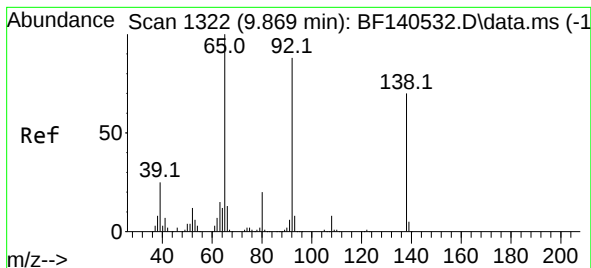


#52
Acenaphthene
Concen: 44.732 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:154 Resp: 557959
Ion Ratio Lower Upper
154 100
153 114.2 89.7 134.5
152 54.0 42.5 63.7





#53

3-Nitroaniline

Concen: 28.818 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

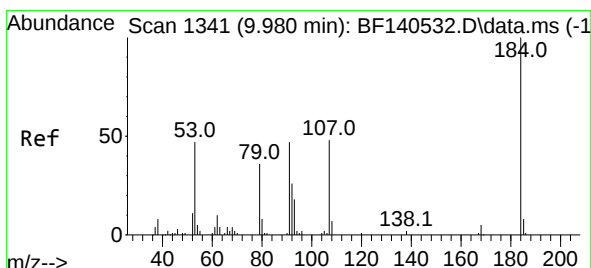
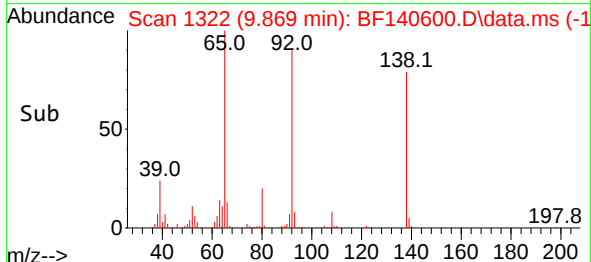
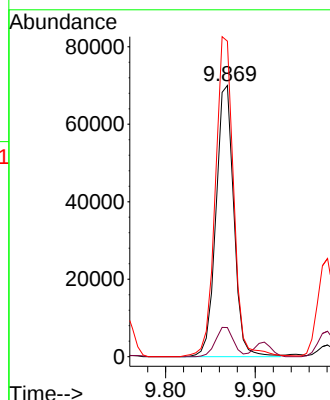
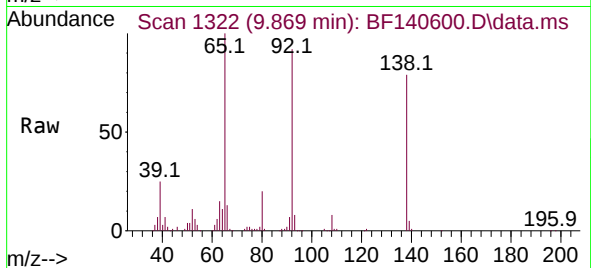
Tgt Ion:138 Resp: 96688
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.2 13.8
 92 116.3 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#54

2,4-Dinitrophenol

Concen: 77.031 ng

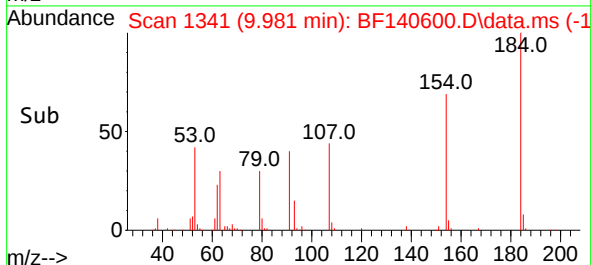
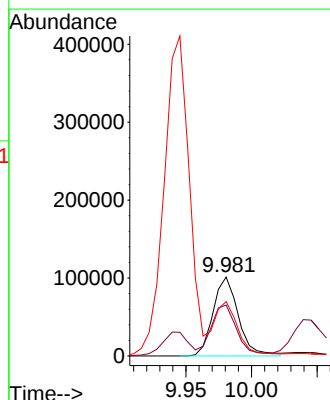
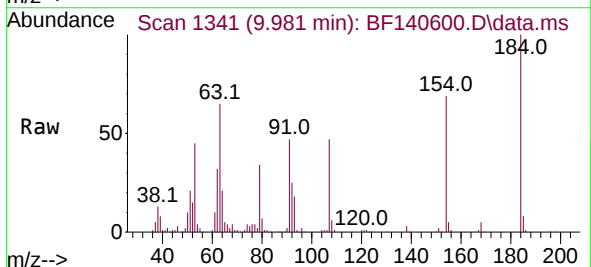
RT: 9.981 min Scan# 1341

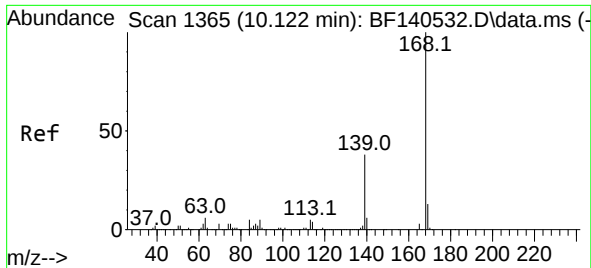
Delta R.T. 0.001 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

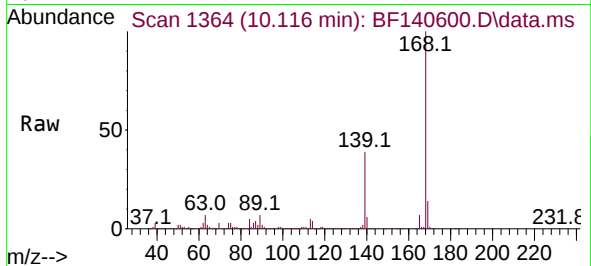
Tgt Ion:184 Resp: 136283
 Ion Ratio Lower Upper
 184 100
 63 64.5 54.1 81.1
 154 68.8 57.4 86.0





#55
Dibenzenofuran
Concen: 43.872 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

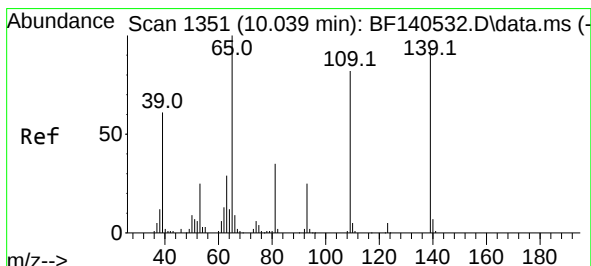
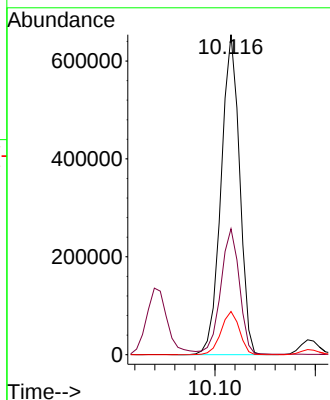
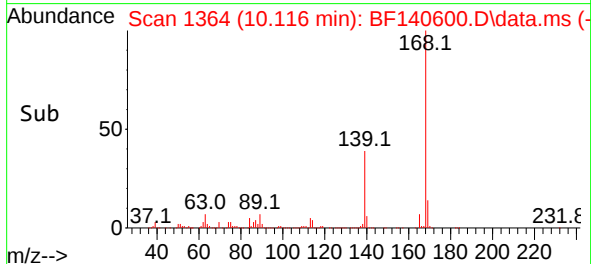
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:168 Resp: 83471
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.5 10.5 15.7

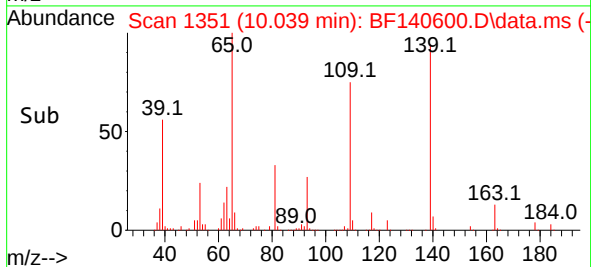
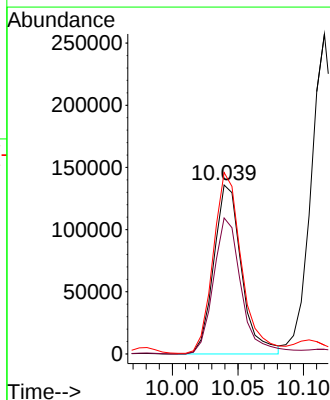
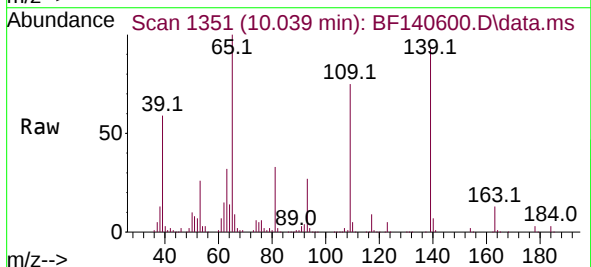
Manual Integrations
APPROVED

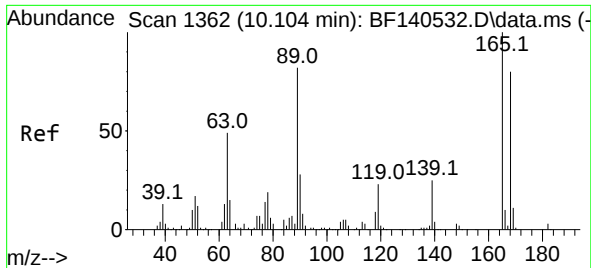
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 87.105 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:139 Resp: 199311
Ion Ratio Lower Upper
139 100
109 80.5 68.4 108.4
65 107.4 88.6 128.6





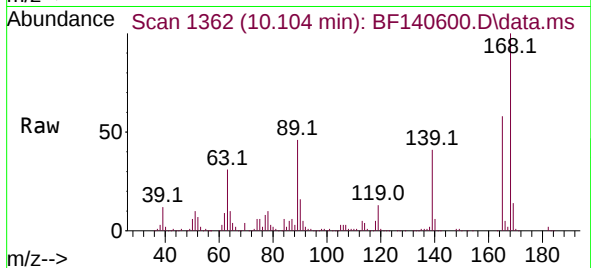
#57
2,4-Dinitrotoluene
Concen: 43.312 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD



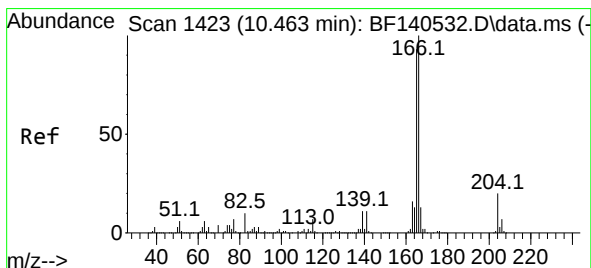
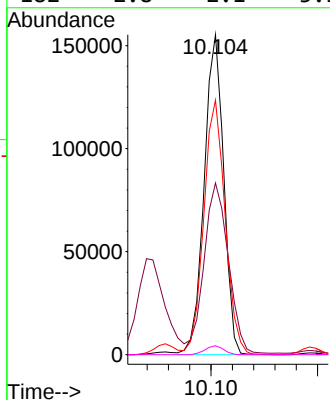
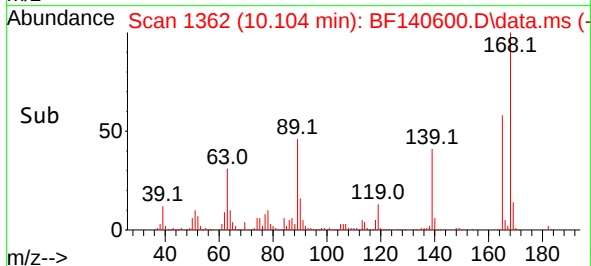
Tgt Ion:165 Resp: 197463
Ion Ratio Lower Upper
165 100
63 53.7 41.7 62.5
89 79.6 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

APPROVED

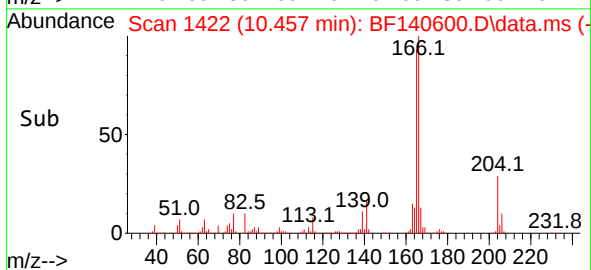
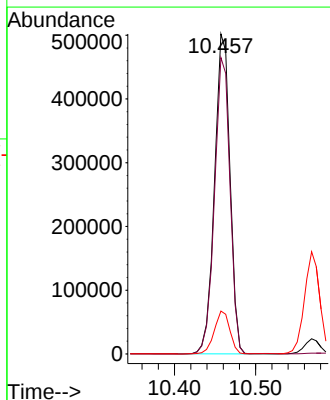
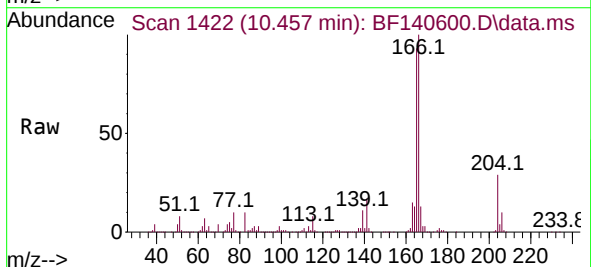
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 43.517 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

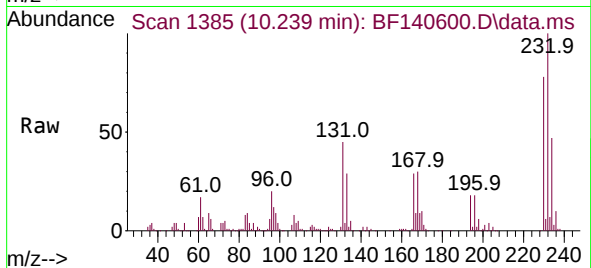
Tgt Ion:166 Resp: 664573
Ion Ratio Lower Upper
166 100
165 92.6 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.322 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

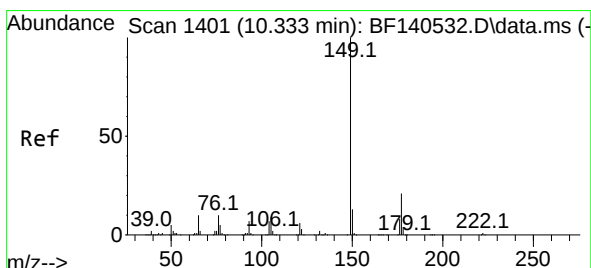
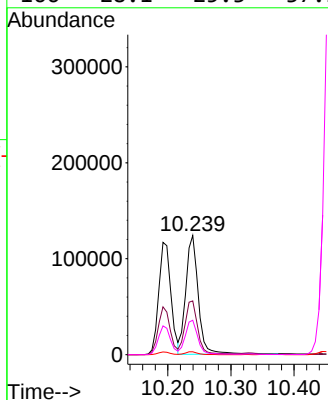
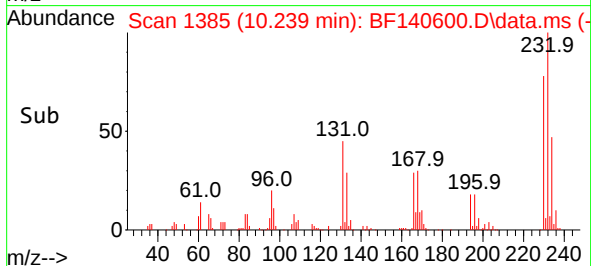
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:232 Resp: 170039
Ion Ratio Lower Upper
232 100
131 46.4 39.6 59.4
130 2.5 1.9 2.9
166 28.1 25.3 37.9

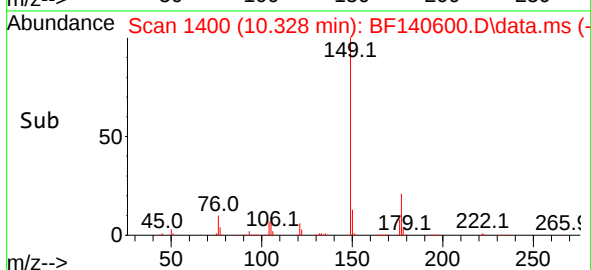
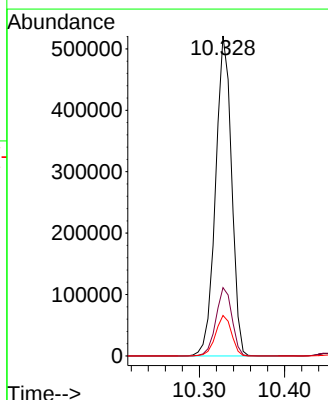
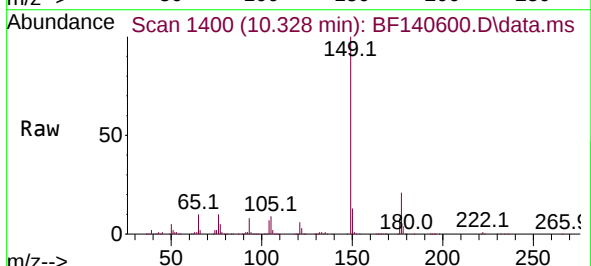
Manual Integrations
APPROVED

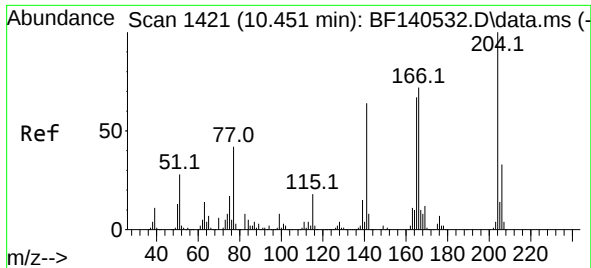
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 44.256 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

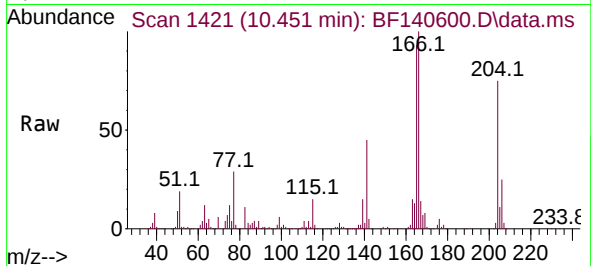
Tgt Ion:149 Resp: 680128
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.305 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

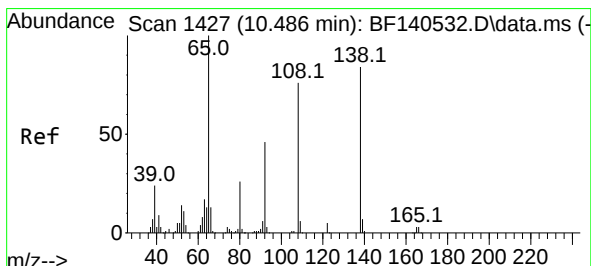
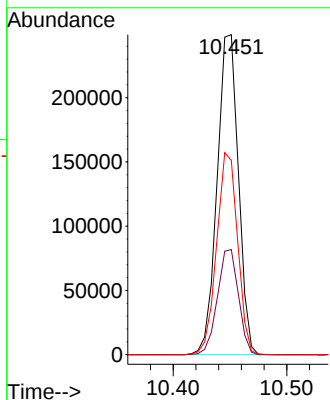
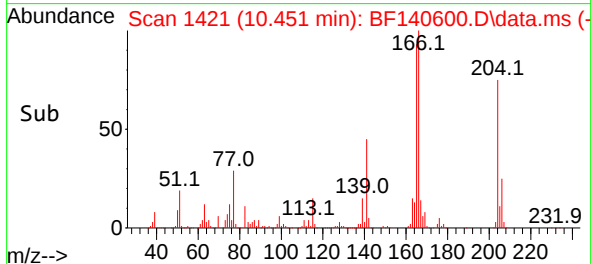
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:204 Resp: 32455
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 60.7 51.1 76.7

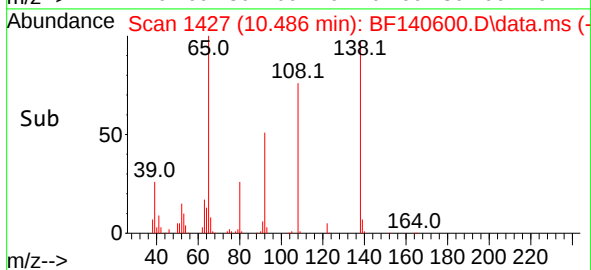
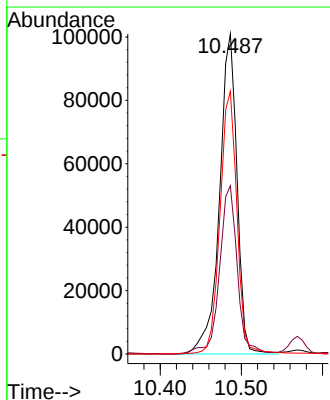
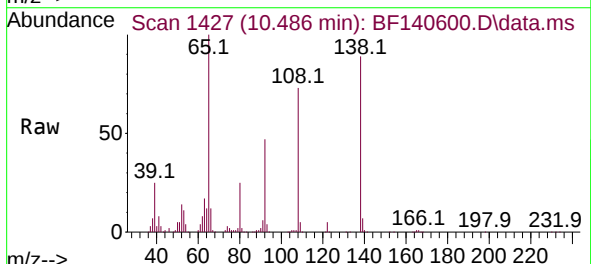
Manual Integrations
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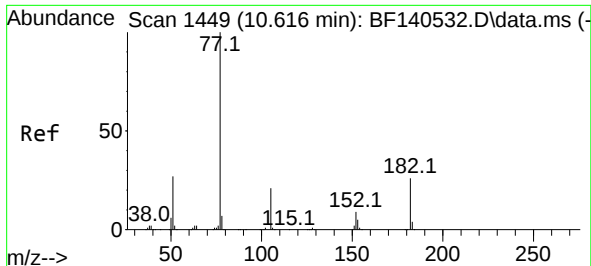
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 43.108 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

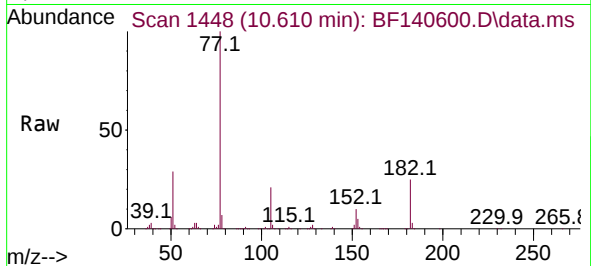
Tgt Ion:138 Resp: 151693
Ion Ratio Lower Upper
138 100
92 52.6 34.5 74.5
108 82.1 70.6 110.6





#63
Azobenzene
Concen: 44.115 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

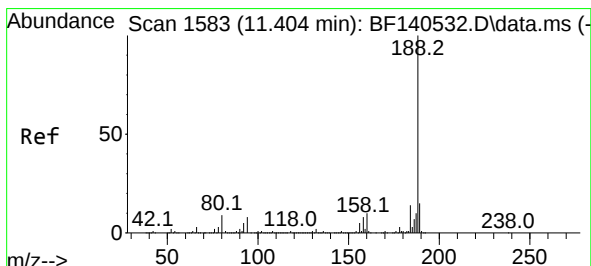
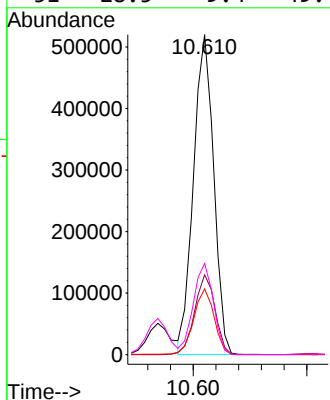
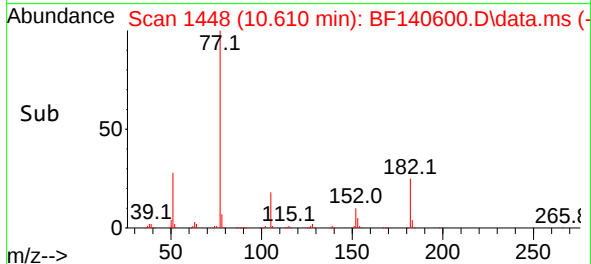
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



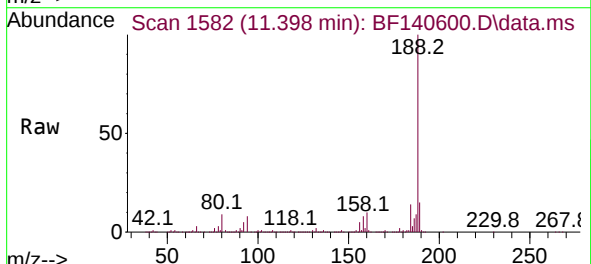
Tgt Ion: 77 Resp: 642020
Ion Ratio Lower Upper
77 100
182 24.9 5.3 45.3
105 20.5 0.3 40.3
51 28.5 9.4 49.4

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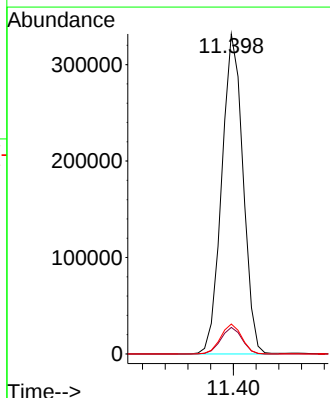
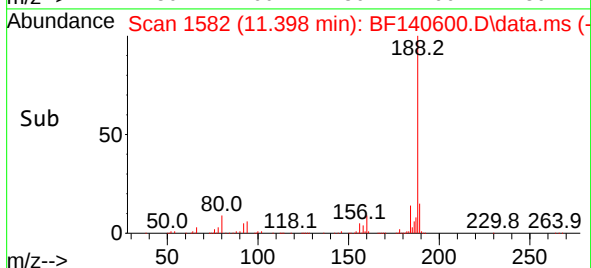
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

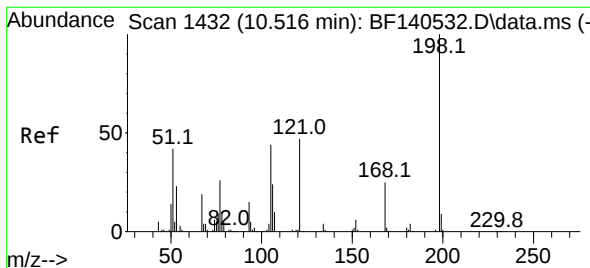


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:188 Resp: 432290
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.4 6.9 10.3





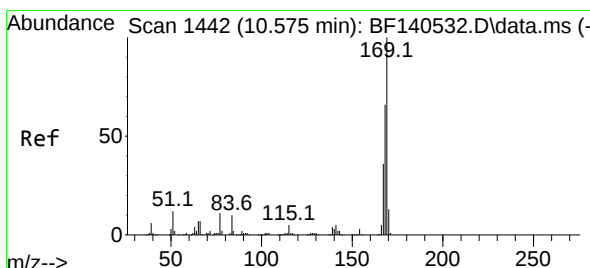
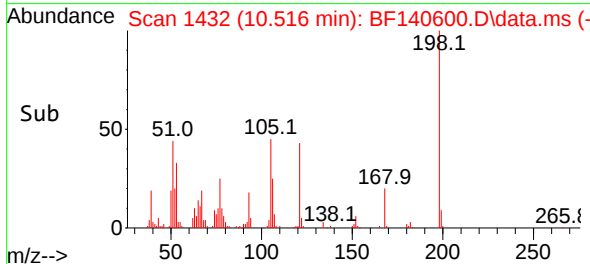
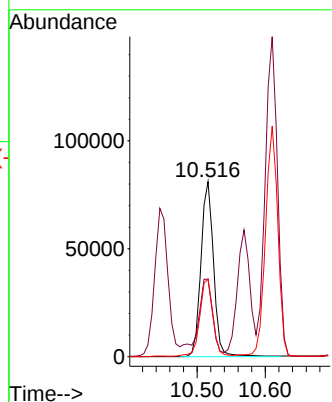
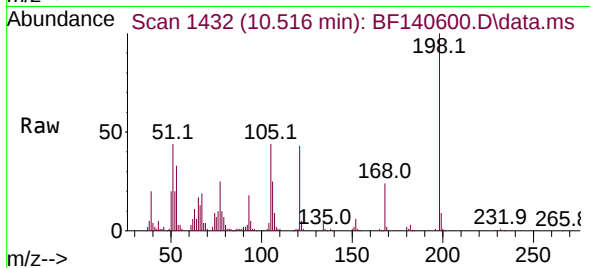
#65
4,6-Dinitro-2-methylphenol
Concen: 47.514 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion:198 Resp: 104960
Ion Ratio Lower Upper
198 100
51 44.2 29.4 69.4
105 44.4 25.4 65.4

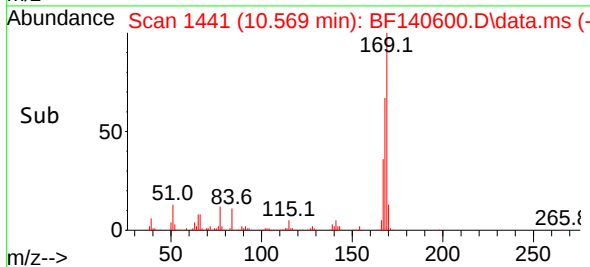
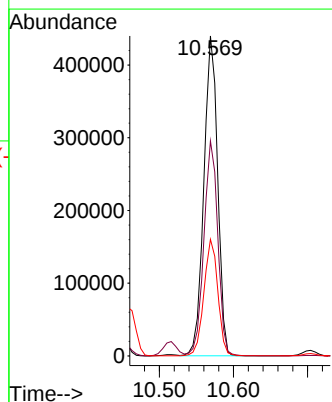
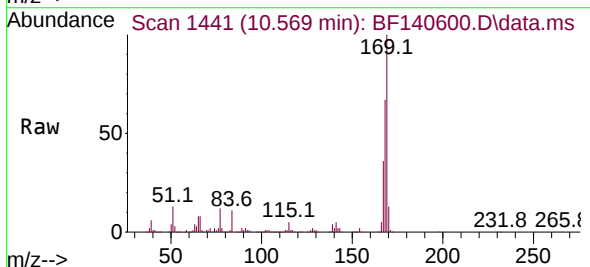
Manual Integrations
APPROVED

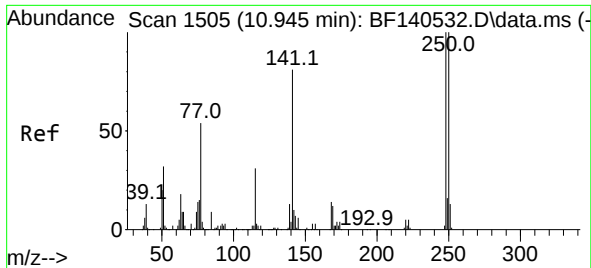
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 44.551 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

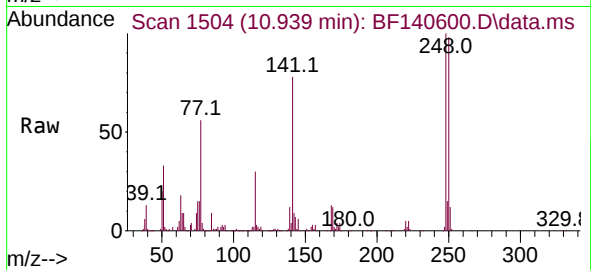
Tgt Ion:169 Resp: 569542
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.760 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

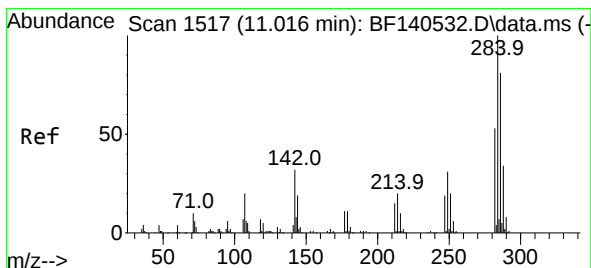
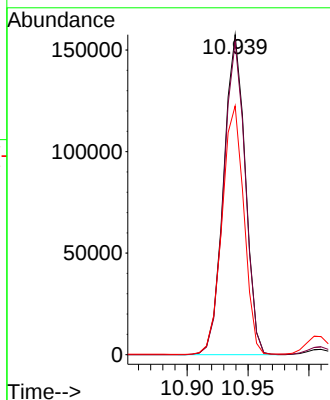
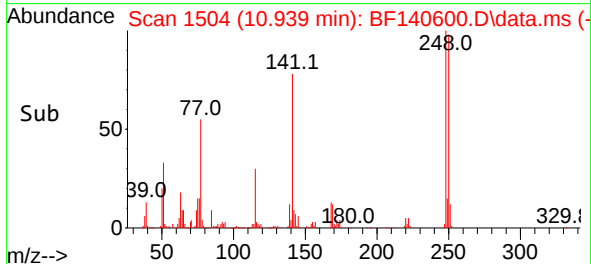
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:248 Resp: 194810
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 77.8 64.7 97.1

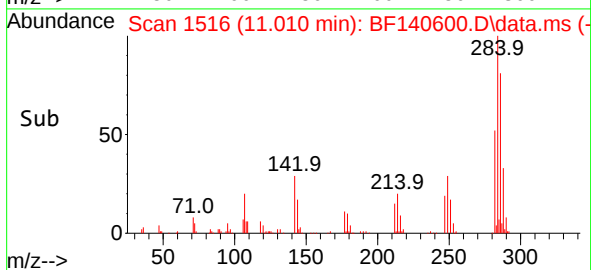
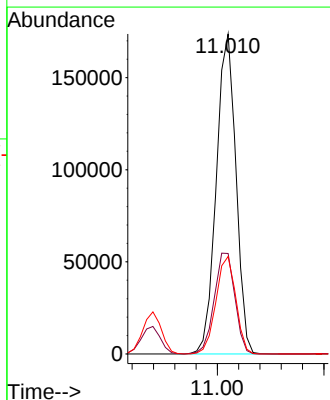
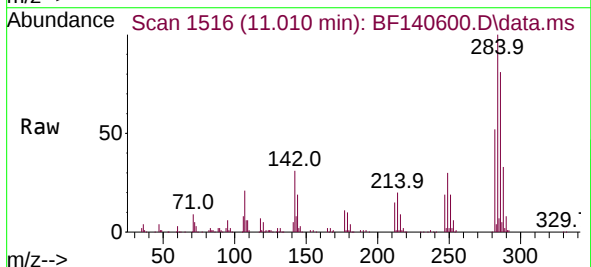
Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 43.054 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:284 Resp: 221937
Ion Ratio Lower Upper
284 100
142 31.4 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 52.457 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140600.D

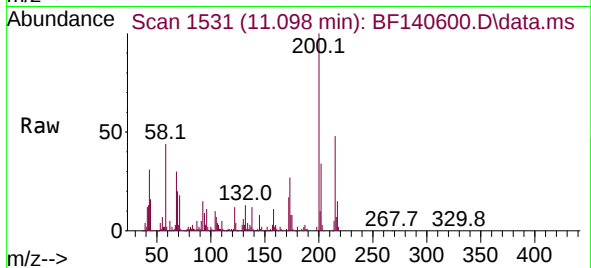
Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD



Tgt Ion:200 Resp: 188654

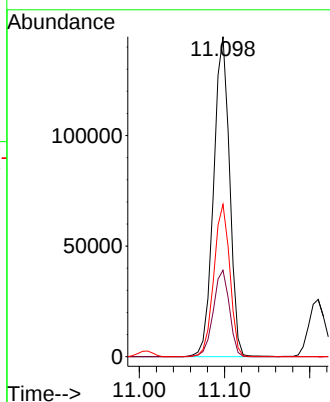
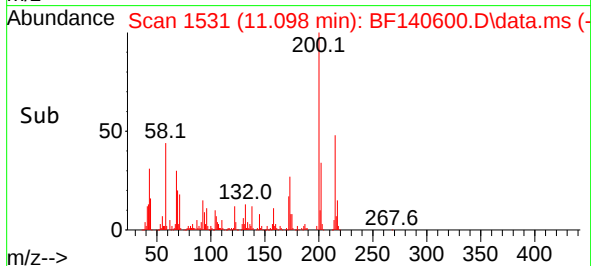
Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.0	47.0
215	47.6	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 87.195 ng

RT: 11.210 min Scan# 1550

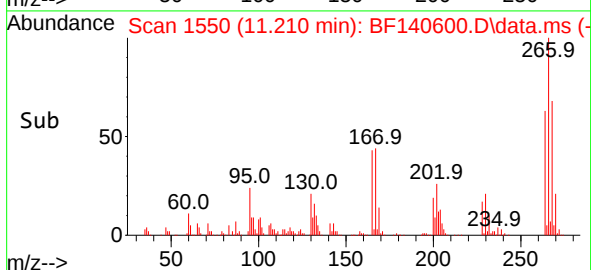
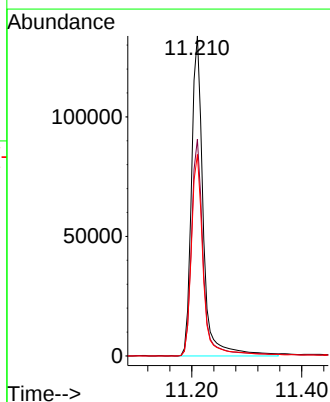
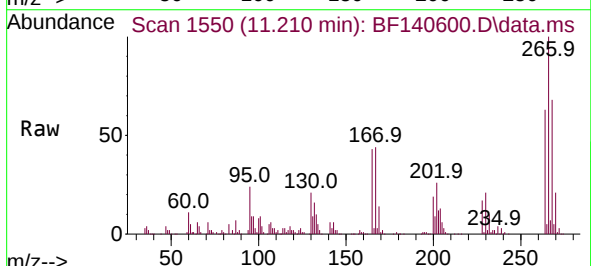
Delta R.T. -0.000 min

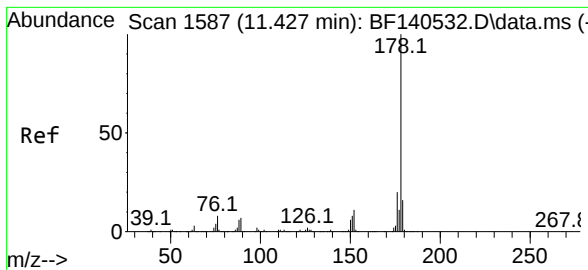
Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Tgt Ion:266 Resp: 197828

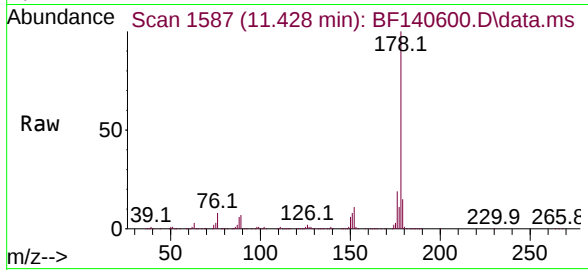
Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.7	80.5
264	63.0	49.8	74.8





#71
Phenanthrene
Concen: 44.937 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

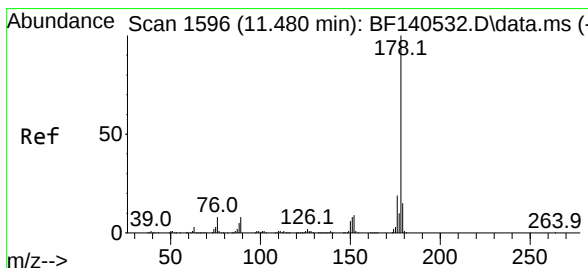
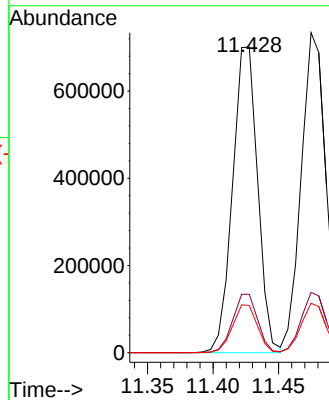
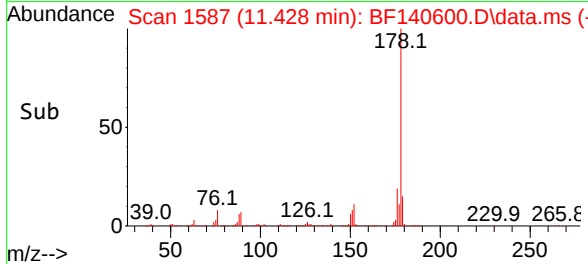
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:178 Resp: 93378
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.5 12.4 18.6

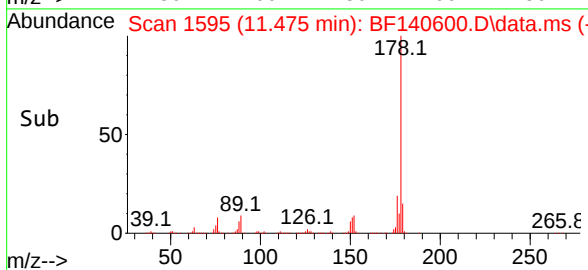
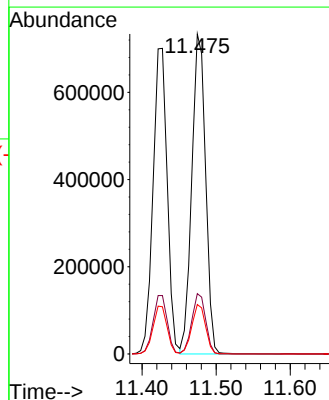
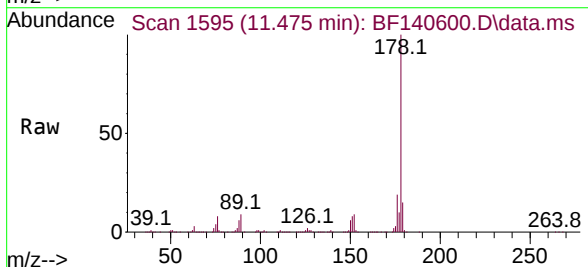
Manual Integrations
APPROVED

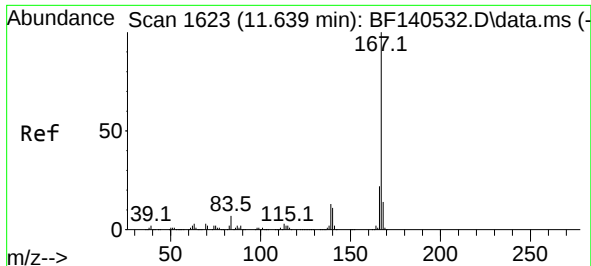
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 46.731 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

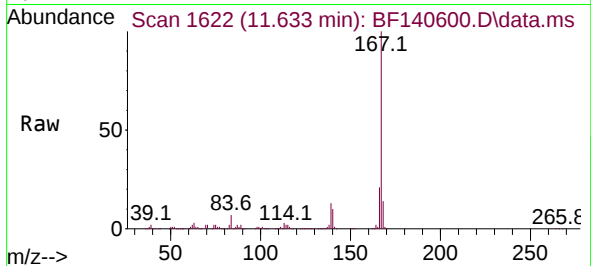
Tgt Ion:178 Resp: 949881
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 44.237 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140600.D
 Acq: 25 Nov 2024 13:54

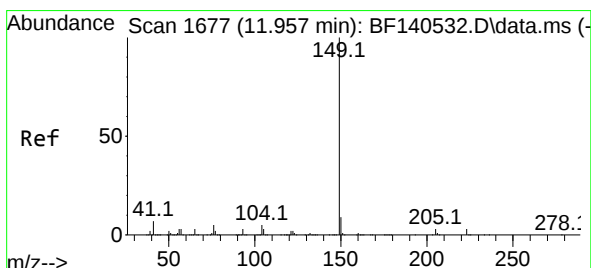
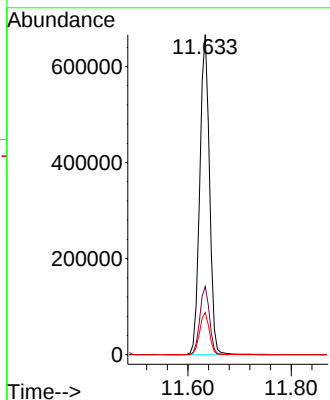
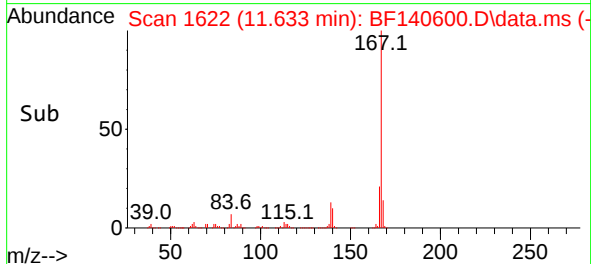
Instrument :
 BNA_F
 ClientSampleId :
 PB165152BSD



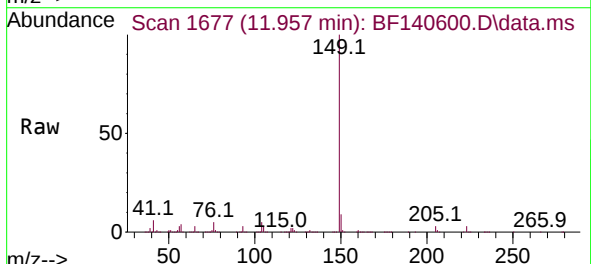
Tgt Ion:167 Resp: 865023
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 15.8

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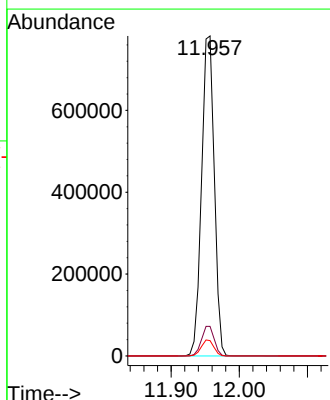
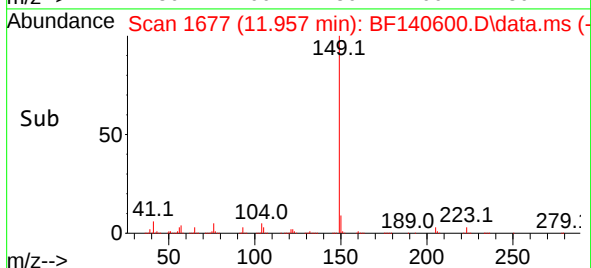
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

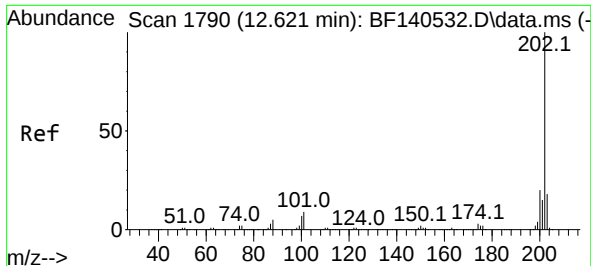


#74
 Di-n-butylphthalate
 Concen: 45.029 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140600.D
 Acq: 25 Nov 2024 13:54



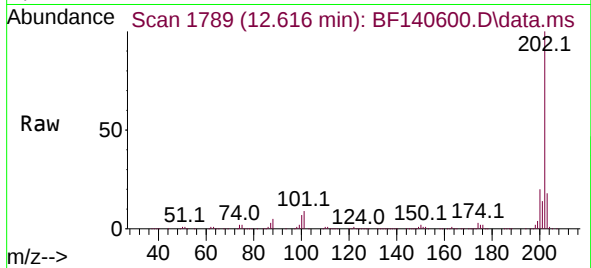
Tgt Ion:149 Resp: 1016548
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 44.503 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

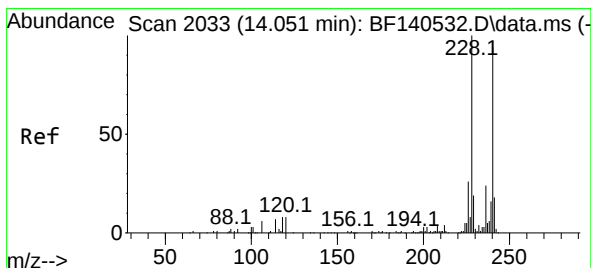
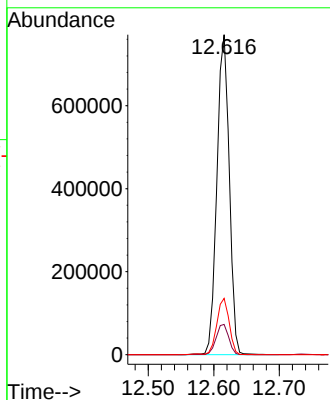
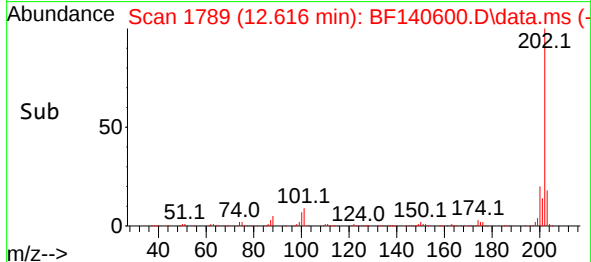
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



Tgt Ion:202 Resp: 100406
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.9
203 17.6 0.0 37.6

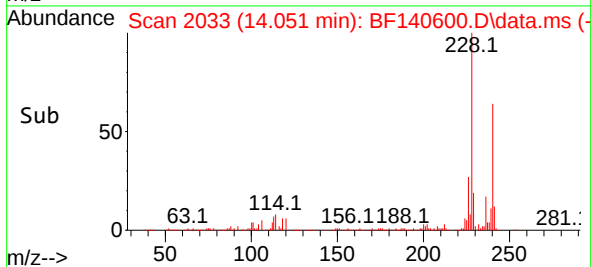
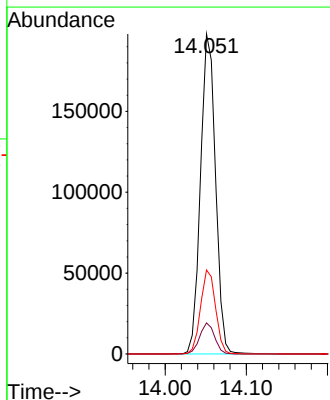
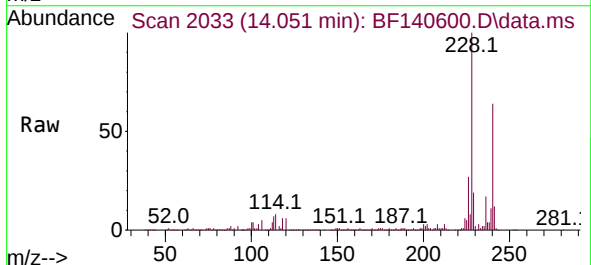
Manual Integrations
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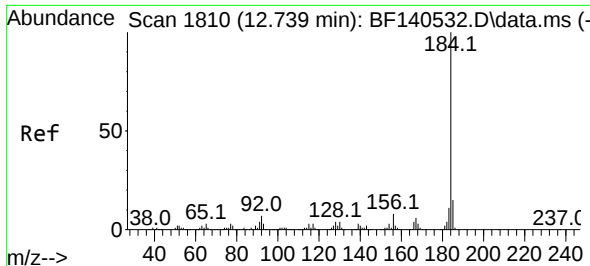
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

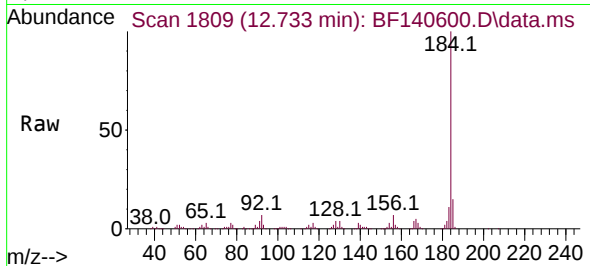
Tgt Ion:240 Resp: 254104
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.2 20.6 31.0





#77
Benzidine
Concen: 35.756 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

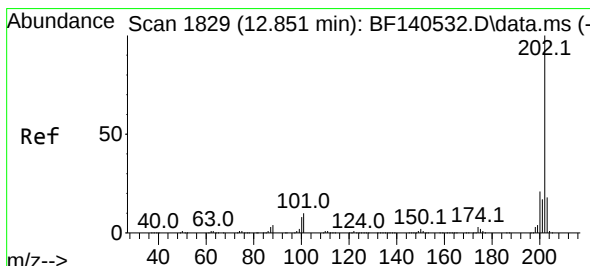
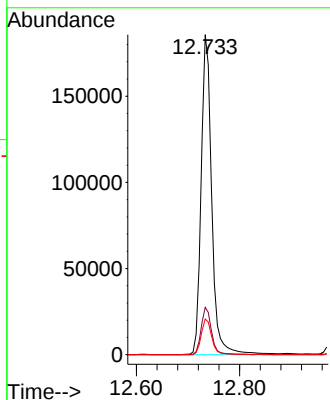
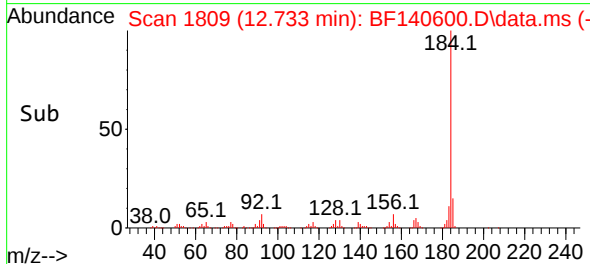
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



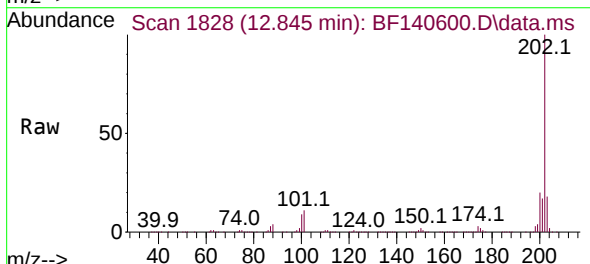
Tgt Ion:184 Resp: 26416
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.1 8.8 13.2

Manual Integrations
APPROVED

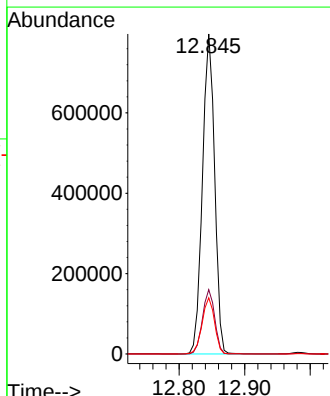
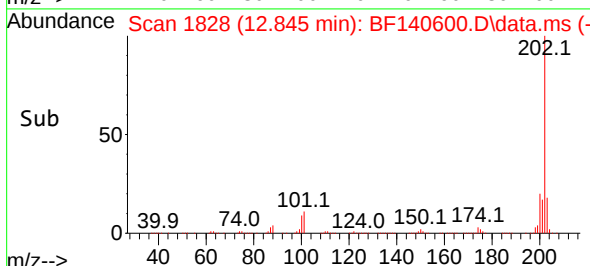
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

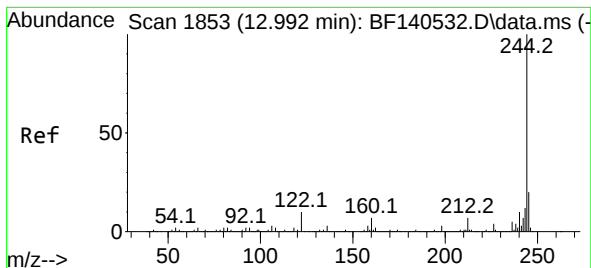


#78
Pyrene
Concen: 43.870 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:202 Resp: 1030730
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 86.548 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

Tgt Ion:244 Resp: 141235

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

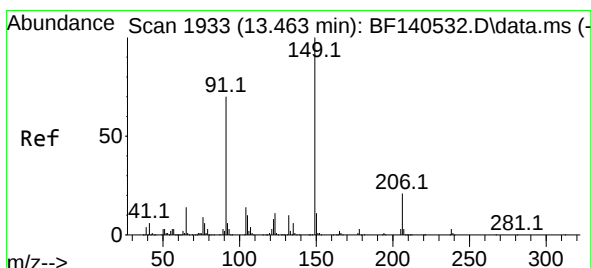
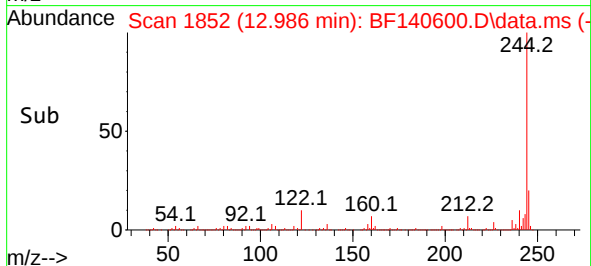
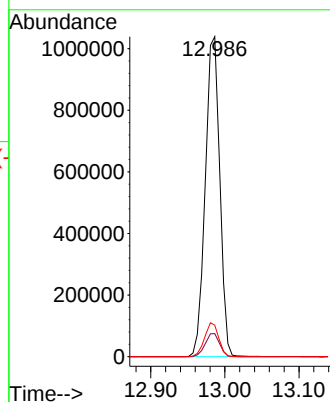
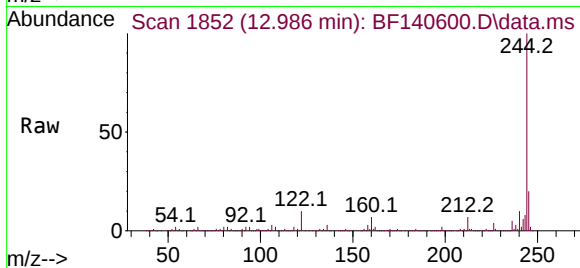
122 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 46.822 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

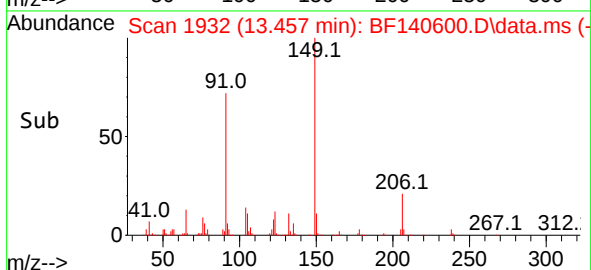
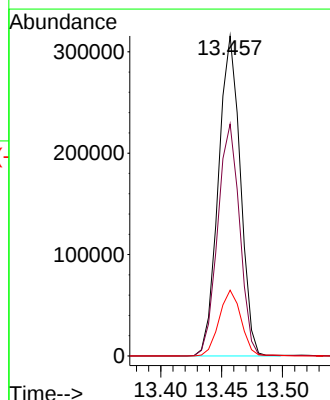
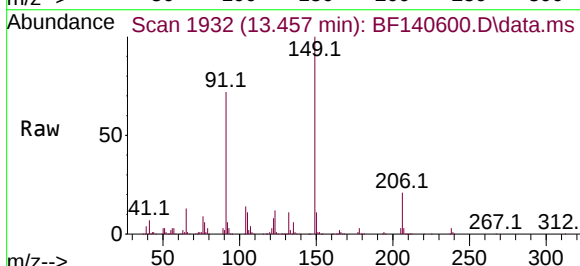
Tgt Ion:149 Resp: 396298

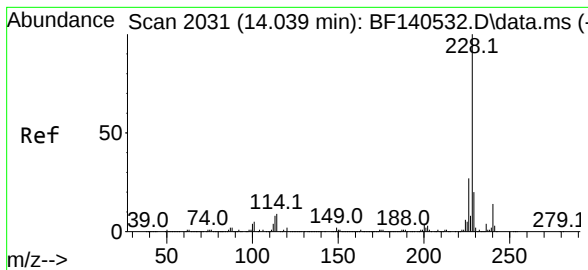
Ion Ratio Lower Upper

149 100

91 72.5 56.2 84.2

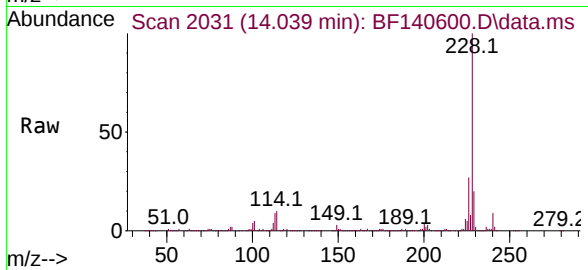
206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 46.925 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

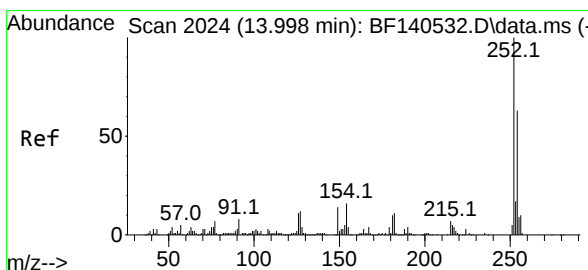
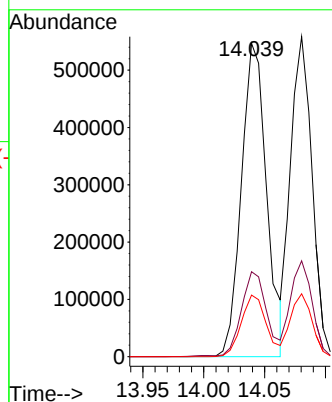
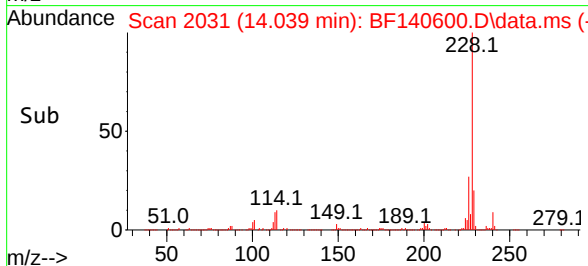
Instrument :
BNA_F
ClientSampleId :
PB165152BSD



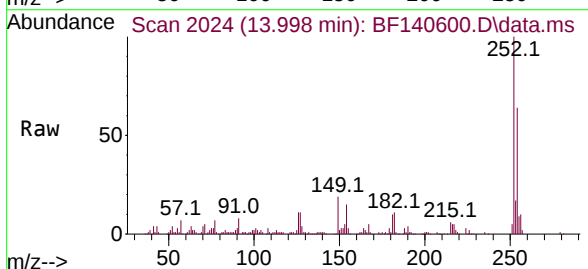
Tgt Ion:228 Resp: 789309
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations
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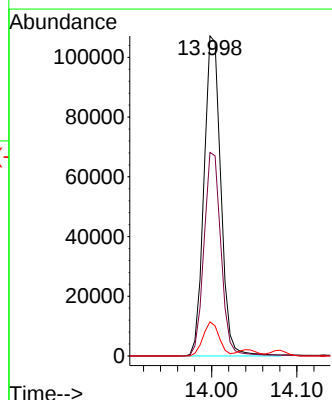
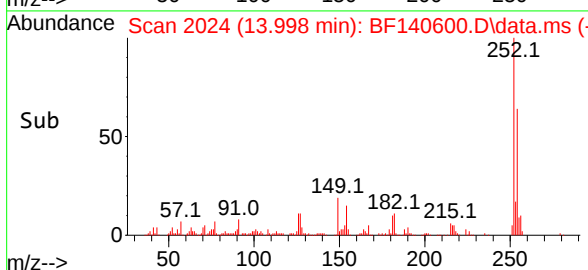
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 29.163 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54



Tgt Ion:252 Resp: 147281
Ion Ratio Lower Upper
252 100
254 63.6 50.8 76.2
126 10.7 8.6 13.0





#83

Chrysene

Concen: 44.683 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

Tgt Ion:228 Resp: 687250

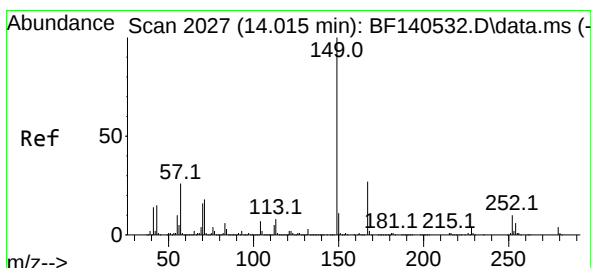
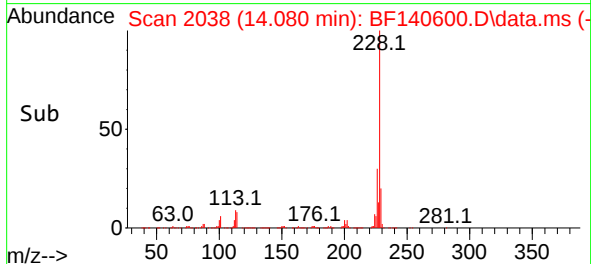
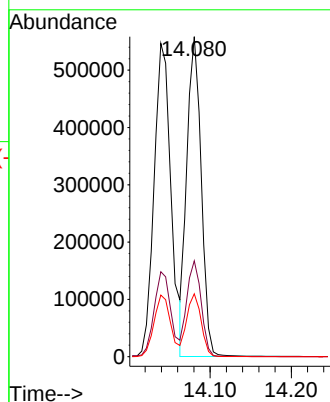
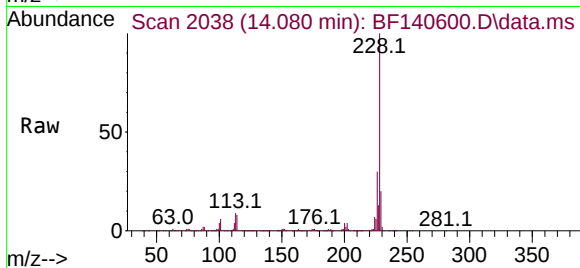
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.716 ng

RT: 14.016 min Scan# 2027

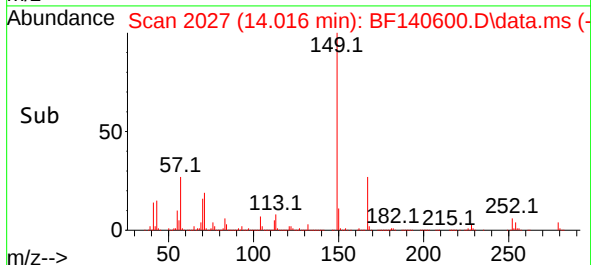
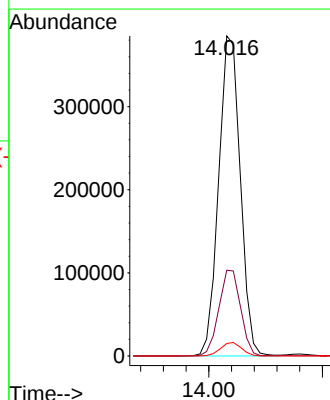
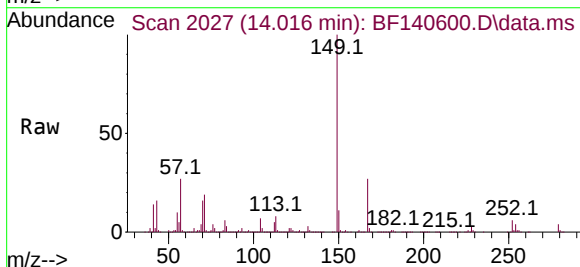
Delta R.T. 0.000 min

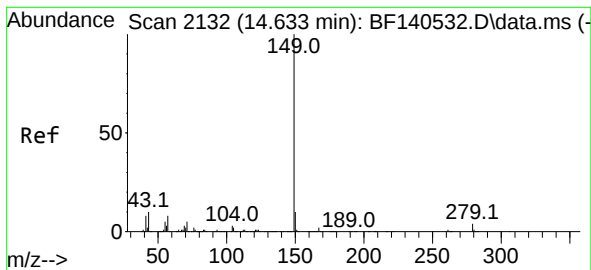
Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Tgt Ion:149 Resp: 509958

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.2	31.8
279	3.9	3.2	4.8





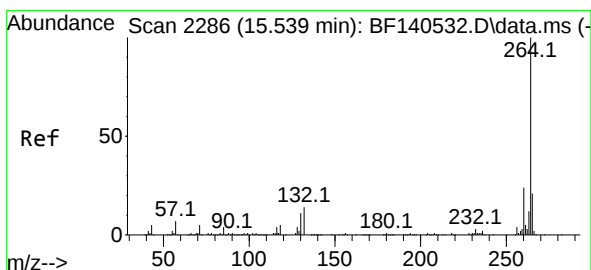
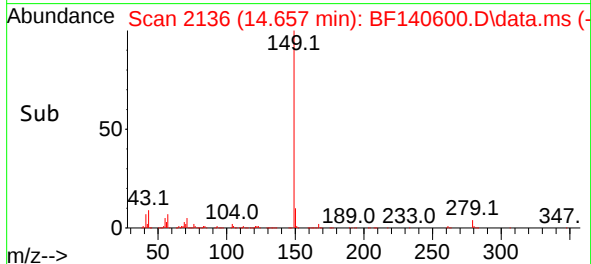
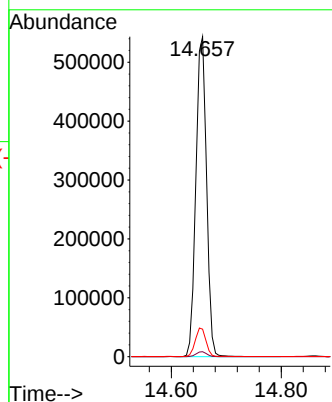
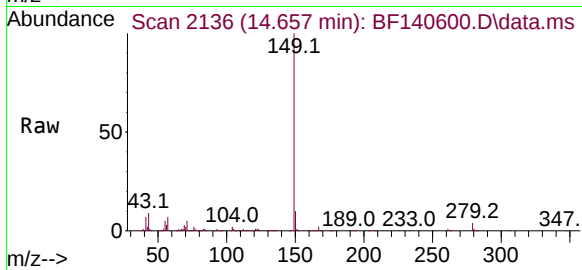
#85
Di-n-octyl phthalate
Concen: 50.028 ng
RT: 14.657 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion:149 Resp: 73069
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.7 11.5

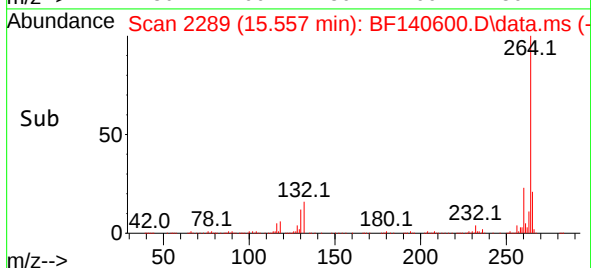
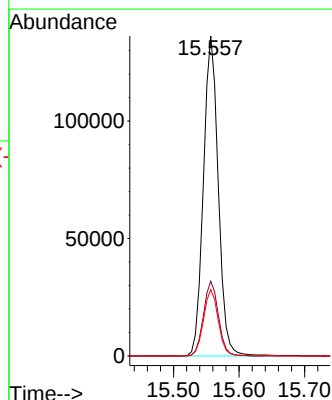
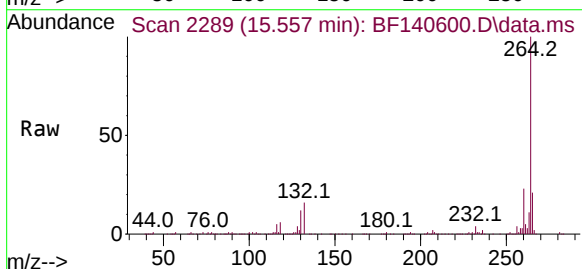
Manual Integrations
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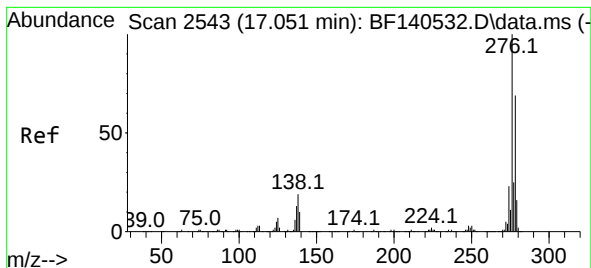
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.018 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:264 Resp: 215389
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.216 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

Tgt Ion:276 Resp: 60660

Ion Ratio Lower Upper

276 100

138 21.2 15.5 23.3

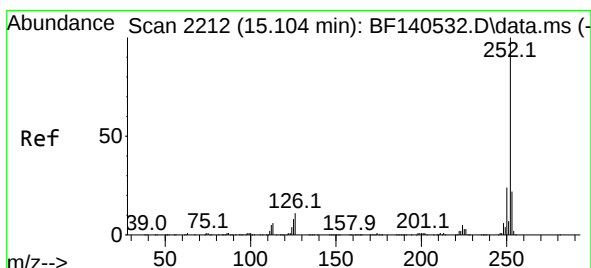
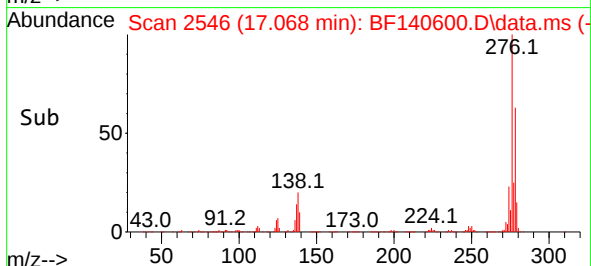
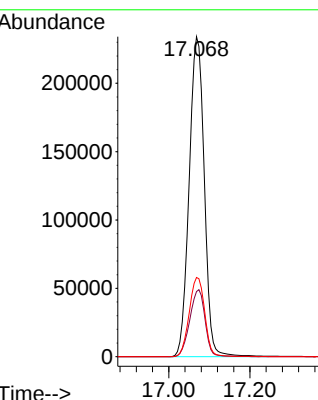
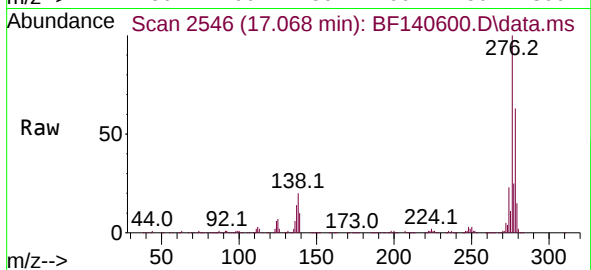
277 25.4 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 42.435 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

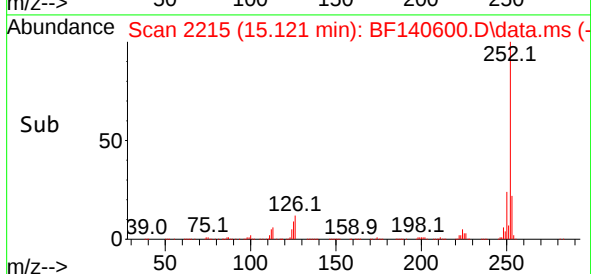
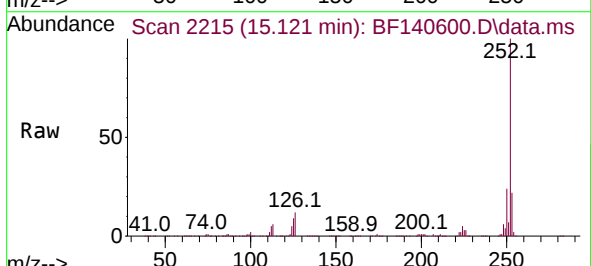
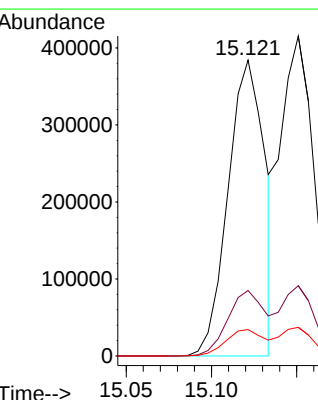
Tgt Ion:252 Resp: 574094

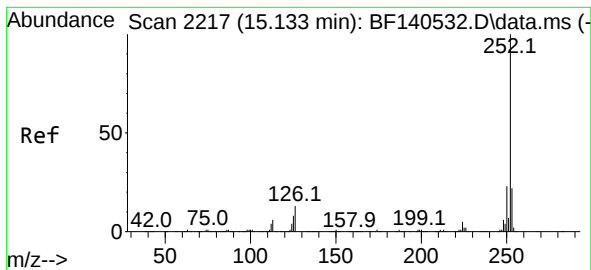
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 48.311 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Instrument :

BNA_F

ClientSampleId :

PB165152BSD

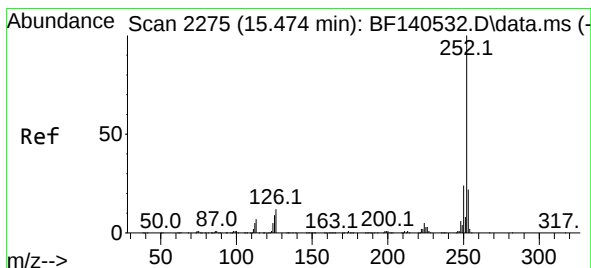
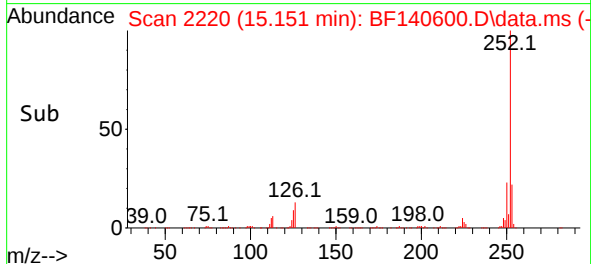
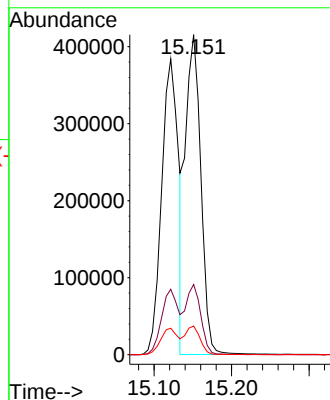
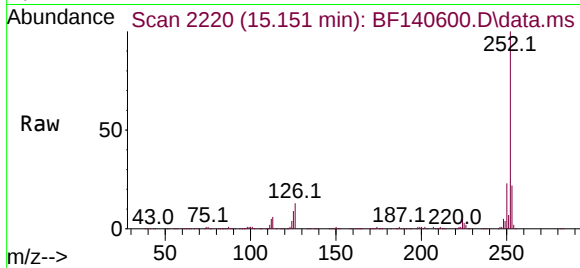
Tgt Ion:252 Resp: 57194
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.0 6.5 9.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 49.025 ng

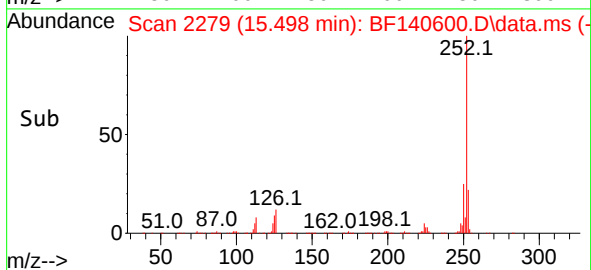
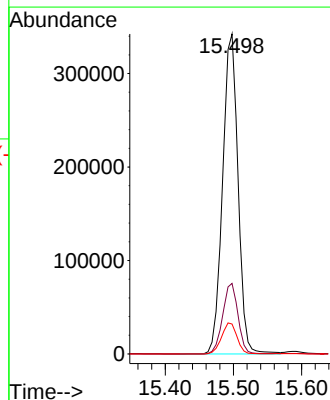
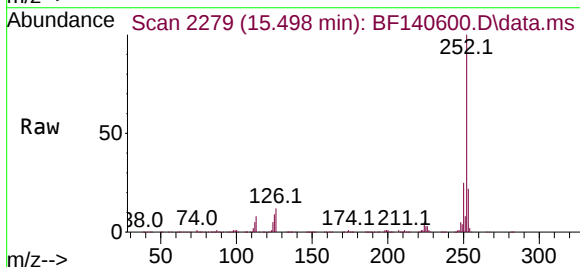
RT: 15.498 min Scan# 2279

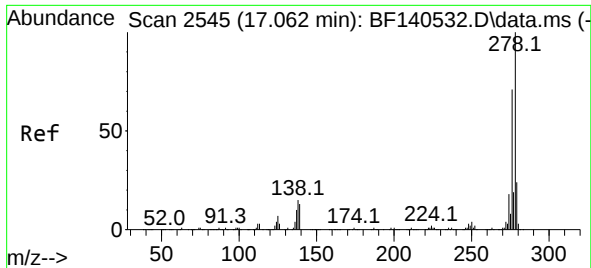
Delta R.T. 0.024 min

Lab File: BF140600.D

Acq: 25 Nov 2024 13:54

Tgt Ion:252 Resp: 539283
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 9.3 7.0 10.6





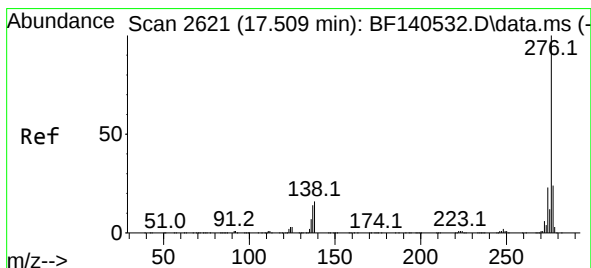
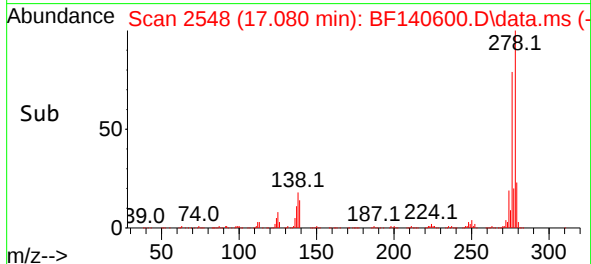
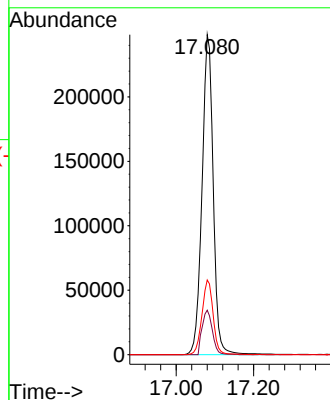
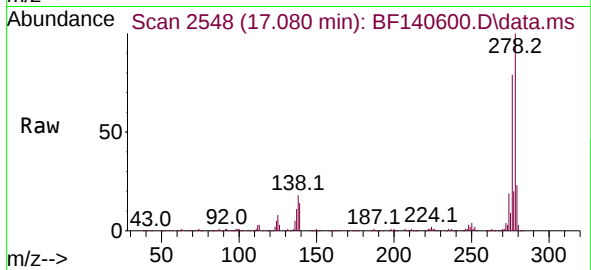
#91
Dibenzo(a,h)anthracene
Concen: 43.325 ng
RT: 17.080 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Instrument :
BNA_F
ClientSampleId :
PB165152BSD

Tgt Ion:278 Resp: 498038
Ion Ratio Lower Upper
278 100
139 13.9 10.2 15.4
279 23.4 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 38.593 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140600.D
Acq: 25 Nov 2024 13:54

Tgt Ion:276 Resp: 452716
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.0 13.2 19.8

