

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140661.D
 Acq On : 27 Nov 2024 11:22
 Operator : RC/JU
 Sample : PB165269BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165269BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 12:04:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81937	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309564	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172880	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	335256	20.000	ng	0.00
76) Chrysene-d12	14.051	240	212656	20.000	ng	0.00
86) Perylene-d12	15.545	264	172083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	644758	134.261	ng	0.01
7) Phenol-d6	6.510	99	838419	132.061	ng	0.00
23) Nitrobenzene-d5	7.434	82	549143	90.737	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	257855	139.459	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1052576	90.715	ng	0.00
79) Terphenyl-d14	12.986	244	1220883	89.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	87325	43.249	ng	99
3) Pyridine	3.499	79	221182	49.788	ng	98
4) n-Nitrosodimethylamine	3.446	42	120670	46.216	ng	92
6) Aniline	6.534	93	218411	48.877	ng	88
8) 2-Chlorophenol	6.663	128	260931	50.504	ng	95
9) Benzaldehyde	6.422	77	109280	32.515	ng	97
10) Phenol	6.528	94	325627	50.223	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	242296	48.836	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270859	46.657	ng	99
13) 1,4-Dichlorobenzene	6.887	146	271941	46.263	ng	99
14) 1,2-Dichlorobenzene	7.040	146	263291	47.801	ng	99
15) Benzyl Alcohol	7.016	79	241323	51.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295922	50.486	ng	92
17) 2-Methylphenol	7.128	107	204612	49.474	ng	98
18) Hexachloroethane	7.381	117	102177	46.541	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	181750	48.440	ng	98
20) 3+4-Methylphenols	7.281	107	267166	50.258	ng	95
22) Acetophenone	7.281	105	353162	46.795	ng	99
24) Nitrobenzene	7.457	77	286237	45.761	ng	97
25) Isophorone	7.692	82	492010	48.741	ng	100
26) 2-Nitrophenol	7.769	139	139631	50.373	ng	97
27) 2,4-Dimethylphenol	7.804	122	208219	62.782	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	298097	48.475	ng	100
29) 2,4-Dichlorophenol	8.016	162	218877	49.805	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	229213	45.681	ng	99
31) Naphthalene	8.175	128	755045	47.352	ng	99
32) Benzoic acid	7.939	122	113509	40.628	ng	99
33) 4-Chloroaniline	8.222	127	112860	23.640	ng	99
34) Hexachlorobutadiene	8.287	225	151953	45.721	ng	99
35) Caprolactam	8.598	113	70448m	51.799	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245586	49.912	ng	99
37) 2-Methylnaphthalene	8.863	142	499898	49.359	ng	100
38) 1-Methylnaphthalene	8.963	142	465106	46.852	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242742	47.963	ng	99
41) Hexachlorocyclopentadiene	9.016	237	201037	167.902	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	153735	48.409	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	166304	48.251	ng	97
46) 1,1'-Biphenyl	9.328	154	625897	48.491	ng	99
47) 2-Chloronaphthalene	9.357	162	467173	47.767	ng	99
48) 2-Nitroaniline	9.457	65	157156	50.062	ng	94
49) Acenaphthylene	9.769	152	776768	52.565	ng	100
50) Dimethylphthalate	9.628	163	570412	50.099	ng	100
51) 2,6-Dinitrotoluene	9.698	165	124046	48.038	ng	93
52) Acenaphthene	9.945	154	469623	50.017	ng	100
53) 3-Nitroaniline	9.869	138	77278	30.598	ng	94
54) 2,4-Dinitrophenol	9.980	184	120285	88.970	ng	97
55) Dibenzofuran	10.116	168	711379	49.671	ng	99
56) 4-Nitrophenol	10.045	139	165737	96.224	ng	94
57) 2,4-Dinitrotoluene	10.104	165	171788	50.057	ng	98
58) Fluorene	10.457	166	557636	48.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	143843	54.304	ng	94
60) Diethylphthalate	10.328	149	571522	49.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	273726	48.520	ng	96
62) 4-Nitroaniline	10.486	138	132572	50.049	ng	96
63) Azobenzene	10.610	77	542626	49.532	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	91952	53.673	ng	96
66) n-Nitrosodiphenylamine	10.569	169	489140	49.336	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	162836	47.163	ng	99
68) Hexachlorobenzene	11.010	284	193146	48.313	ng	99
69) Atrazine	11.098	200	160573	57.571	ng	98
70) Pentachlorophenol	11.210	266	166661	94.719	ng	100
71) Phenanthrene	11.427	178	816617	50.673	ng	99
72) Anthracene	11.480	178	827597	52.499	ng	100
73) Carbazole	11.633	167	764607	50.419	ng	100
74) Di-n-butylphthalate	11.957	149	865576	49.439	ng	99
75) Fluoranthene	12.616	202	902503	51.580	ng	99
77) Benzidine	12.739	184	240352	38.874	ng	98
78) Pyrene	12.845	202	922494	46.916	ng	100
80) Butylbenzylphthalate	13.457	149	353177	49.861	ng	99
81) Benzo(a)anthracene	14.039	228	719029	51.078	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	120844	28.592	ng	97
83) Chrysene	14.074	228	662761	51.489	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	460117	51.443	ng	99
85) Di-n-octyl phthalate	14.639	149	682003	55.795	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	733818	65.435	ng	# 96
88) Benzo(b)fluoranthene	15.110	252	590599	54.641	ng	98
89) Benzo(k)fluoranthene	15.139	252	453498	47.945	ng	99
90) Benzo(a)pyrene	15.486	252	484320	55.109	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	591976	64.456	ng	98
92) Benzo(g,h,i)perylene	17.515	276	450316	48.049	ng	98

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

Manual Integrations

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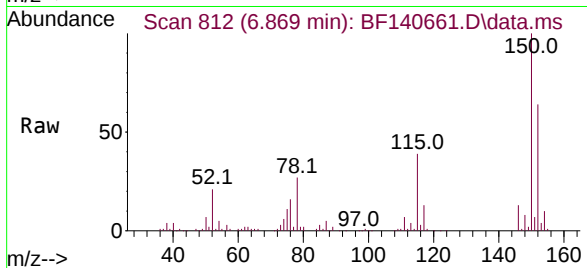
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

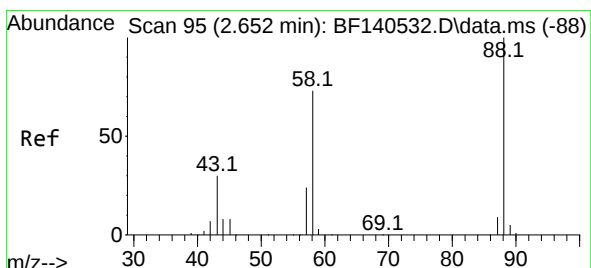
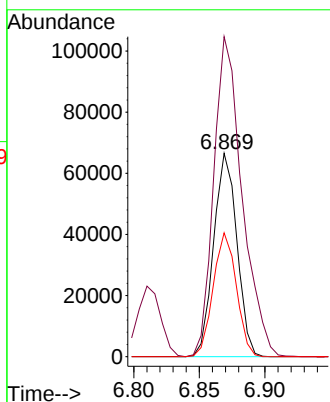
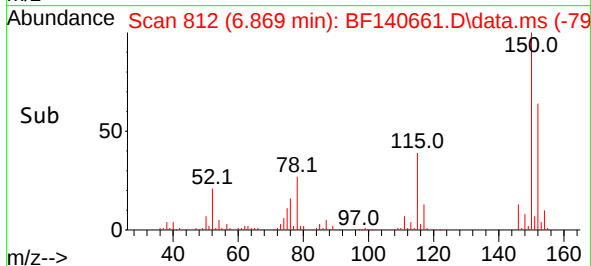
PB165269BS



Tgt Ion:152 Resp: 8193
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.5 192.7
 115 60.9 50.2 75.4

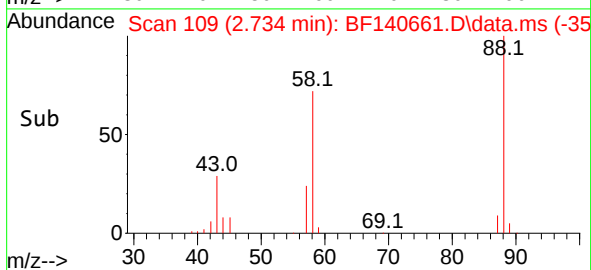
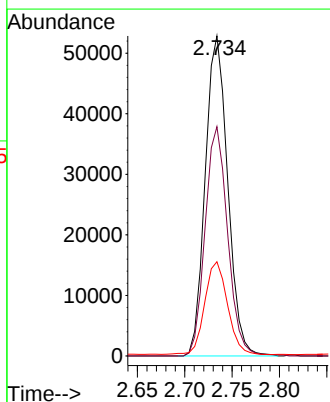
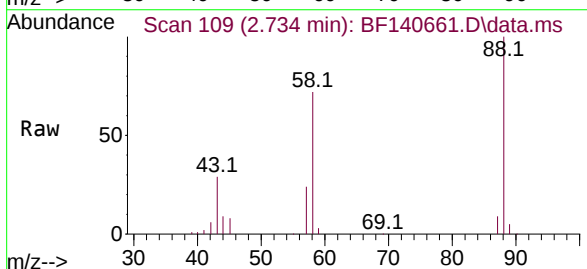
Manual Integrations
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 Supervised By :mohammad ahmed 11/29/2024



#2
 1,4-Dioxane
 Concen: 43.249 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

Tgt Ion: 88 Resp: 87325
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 29.2 24.3 36.5





#3

Pyridine

Concen: 49.788 ng

RT: 3.499 min Scan# 211

Delta R.T. 0.076 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion: 79 Resp: 22118

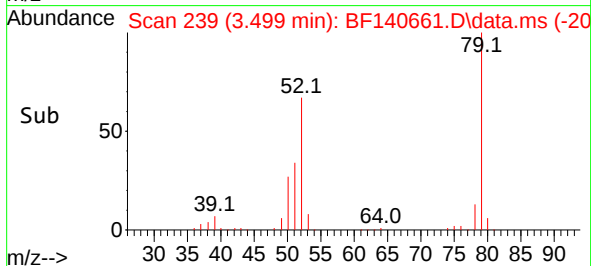
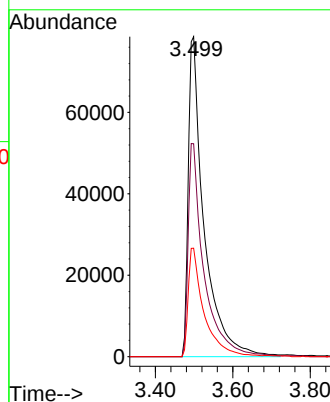
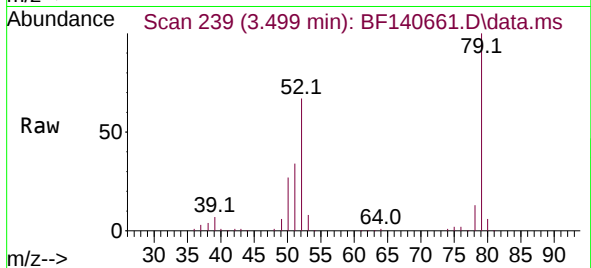
Ion	Ratio	Lower	Upper
79	100		
52	66.5	52.1	78.1
51	33.9	27.8	41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/29/2024



#4

n-Nitrosodimethylamine

Concen: 46.216 ng

RT: 3.446 min Scan# 230

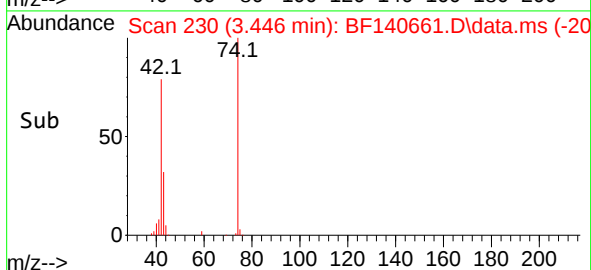
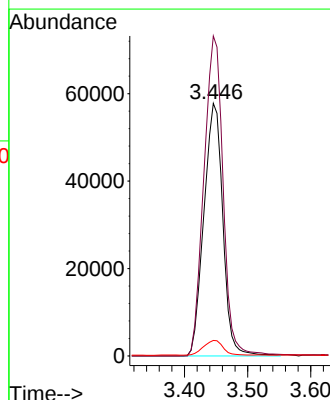
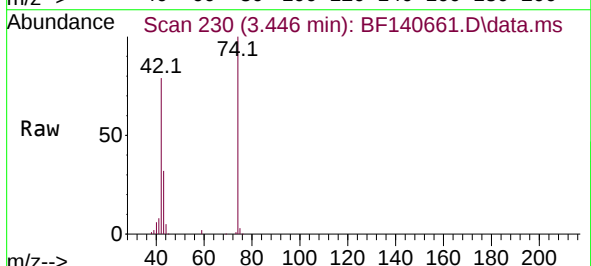
Delta R.T. 0.065 min

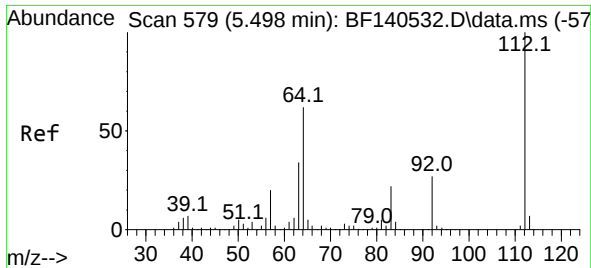
Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion: 42 Resp: 120670

Ion	Ratio	Lower	Upper
42	100		
74	126.7	93.8	140.6
44	6.1	4.6	6.8





#5
2-Fluorophenol
Concen: 134.261 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

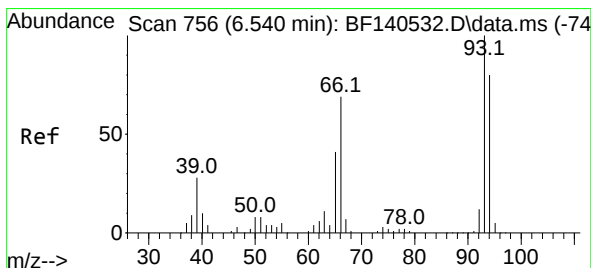
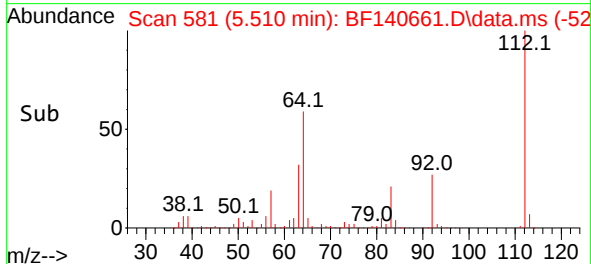
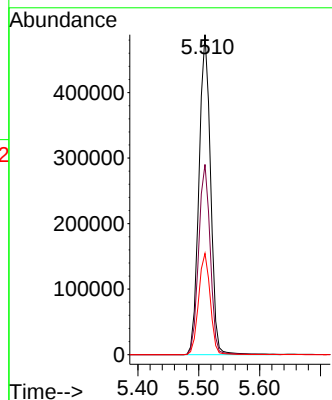
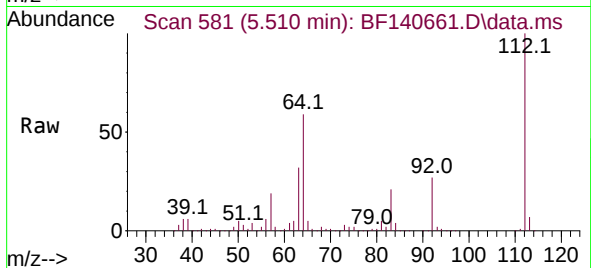
PB165269BS

Tgt Ion:112 Resp: 644758
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4

Manual Integrations

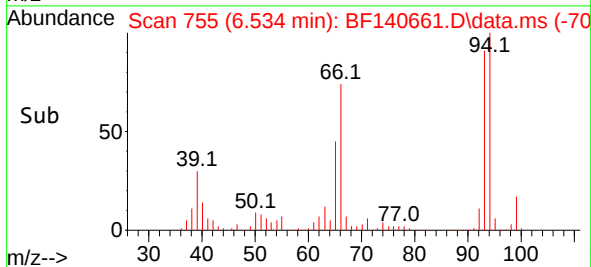
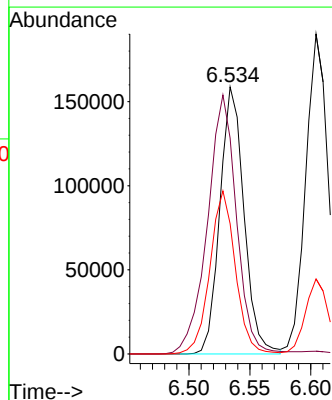
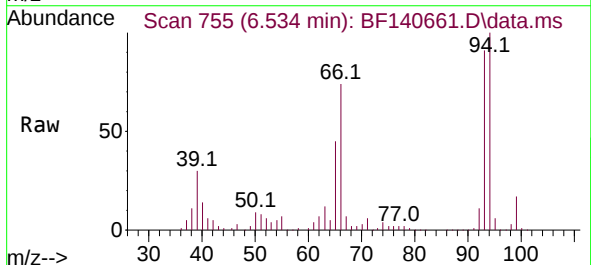
APPROVED

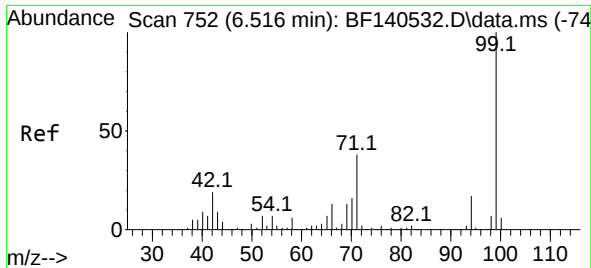
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 48.877 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

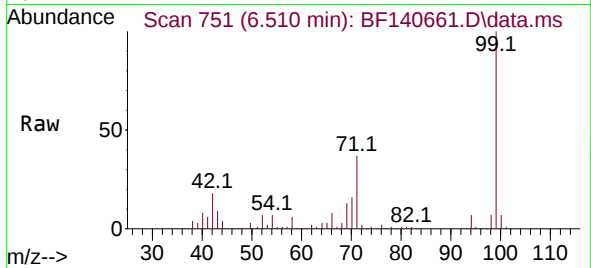
Tgt Ion: 93 Resp: 218411
Ion Ratio Lower Upper
93 100
66 80.9 56.5 84.7
65 48.8 32.9 49.3





#7
Phenol-d6
Concen: 132.061 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

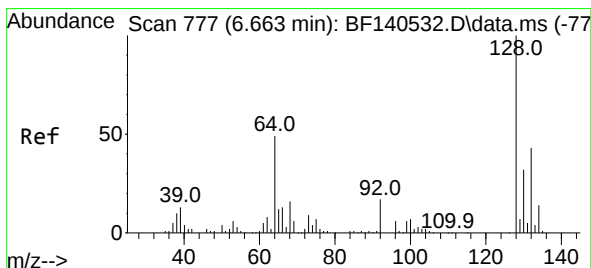
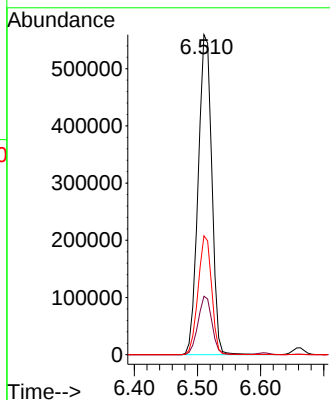
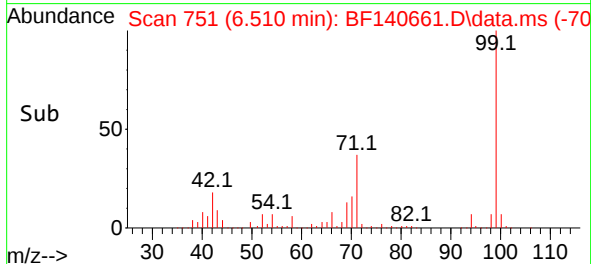
Instrument :
BNA_F
ClientSampleId :
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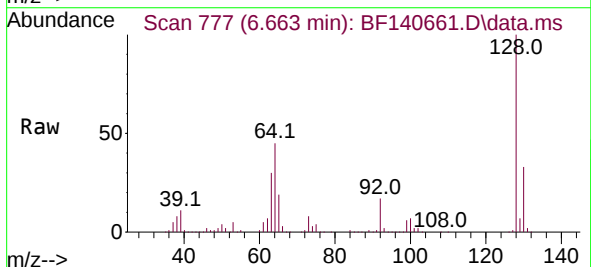
Tgt Ion: 99 Resp: 838419
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.1 30.6 46.0

Manual Integrations
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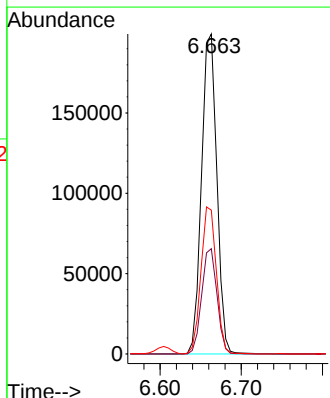
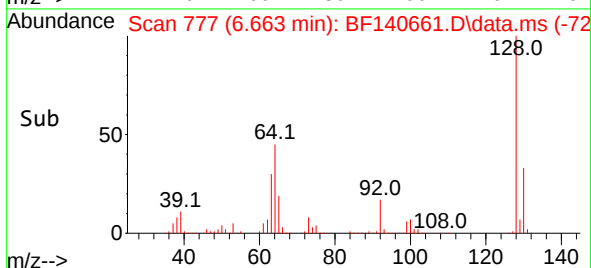
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#8
2-Chlorophenol
Concen: 50.504 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:128 Resp: 260931
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.0 30.2 70.2





#9

Benzaldehyde

Concen: 32.515 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion: 77 Resp: 109280

Ion Ratio Lower Upper

77 100

105 93.9 75.6 115.6

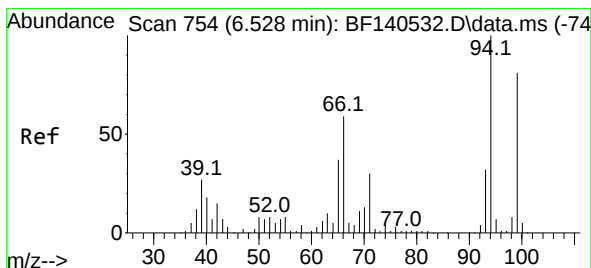
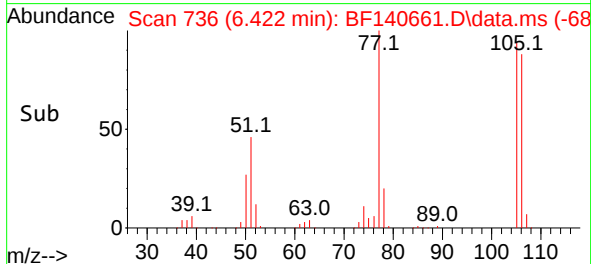
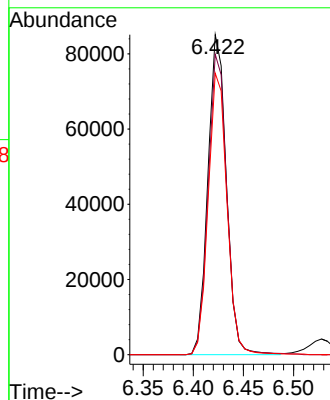
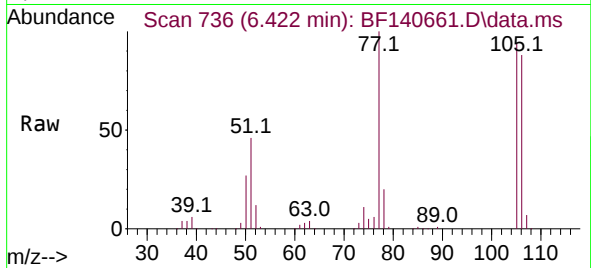
106 87.9 72.0 112.0

Manual Integrations

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Supervised By :mohammad ahmed 11/29/2024



#10

Phenol

Concen: 50.223 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140661.D

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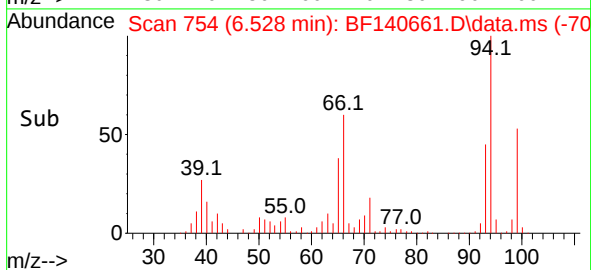
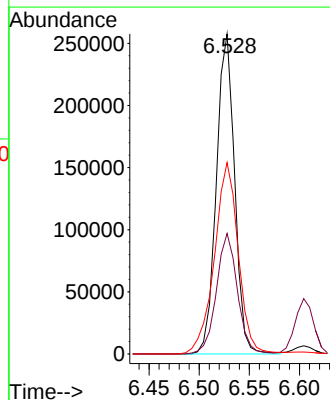
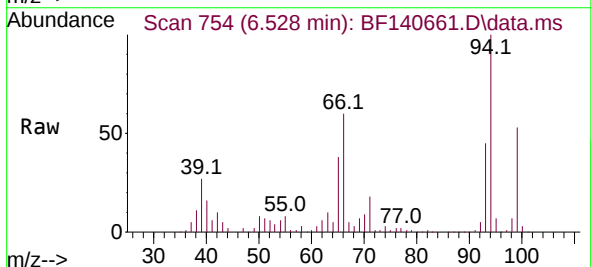
Tgt Ion: 94 Resp: 325627

Ion Ratio Lower Upper

94 100

65 37.6 17.2 57.2

66 59.8 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 48.836 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

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Tgt Ion: 93 Resp: 242290

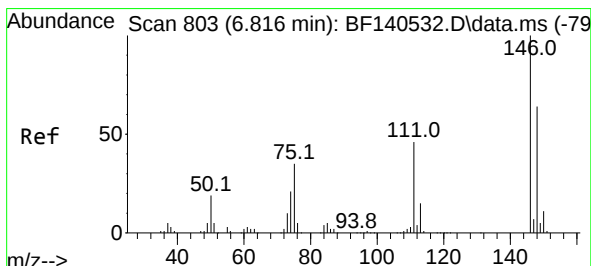
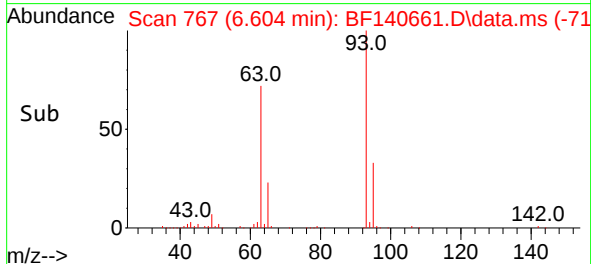
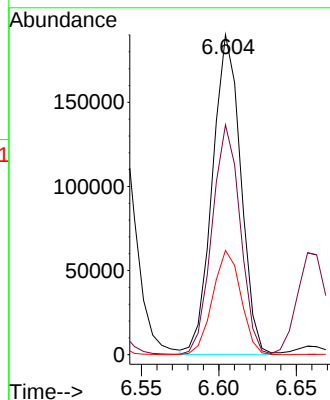
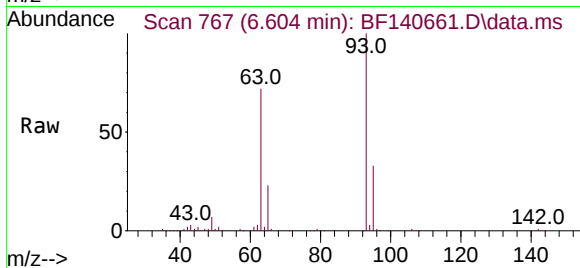
Ion	Ratio	Lower	Upper
93	100		
63	71.9	52.8	92.8
95	32.6	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#12

1,3-Dichlorobenzene

Concen: 46.657 ng

RT: 6.810 min Scan# 802

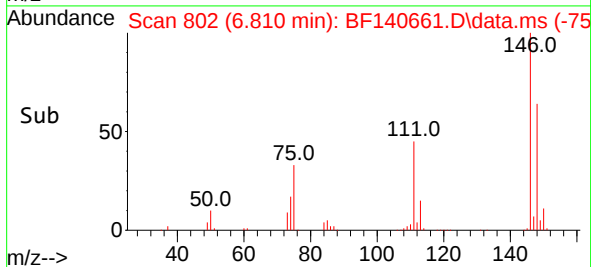
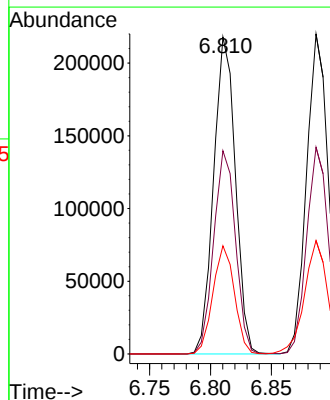
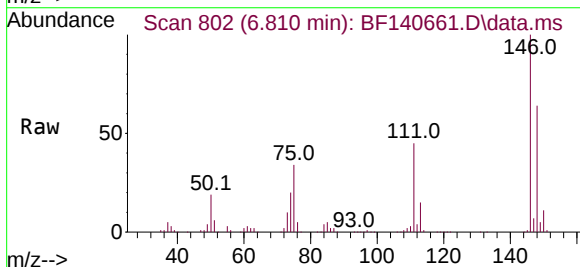
Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:146 Resp: 270859

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	34.1	28.2	42.2





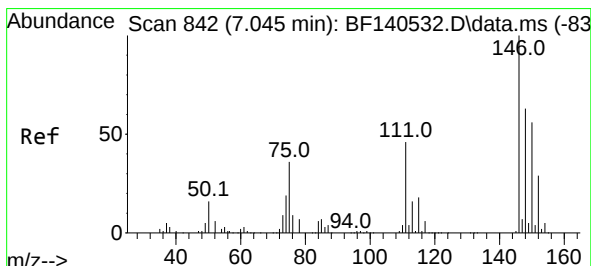
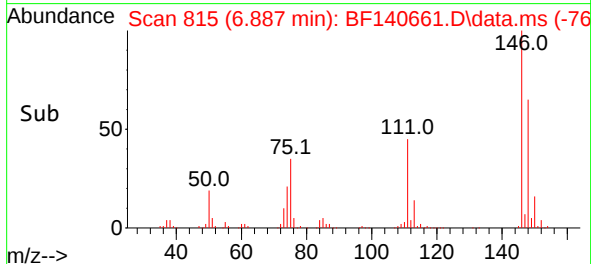
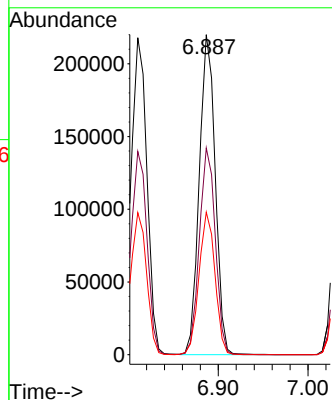
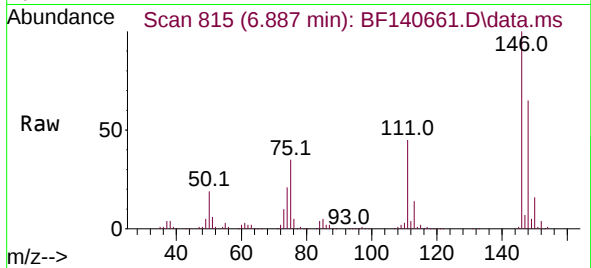
#13
1,4-Dichlorobenzene
Concen: 46.263 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:146 Resp: 27194
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 44.6 35.3 52.9

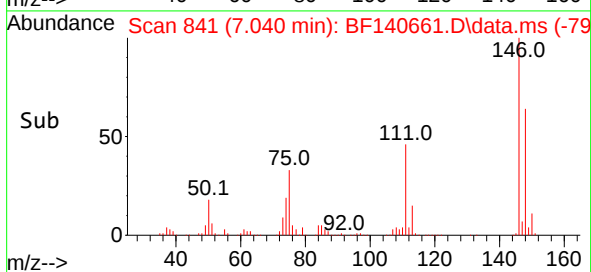
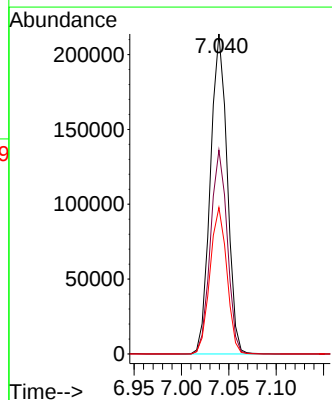
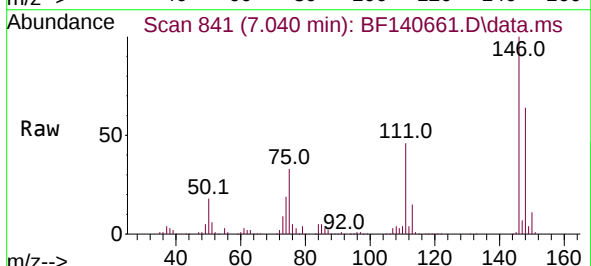
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 47.801 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:146 Resp: 263291
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 45.8 36.7 55.1





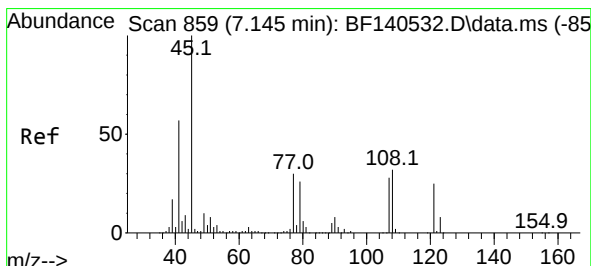
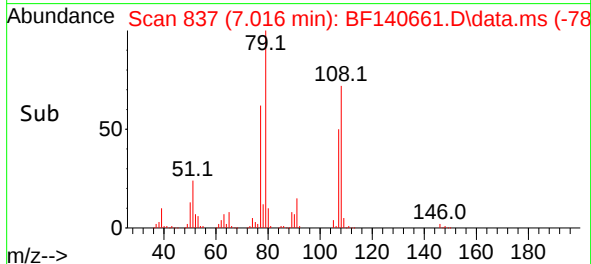
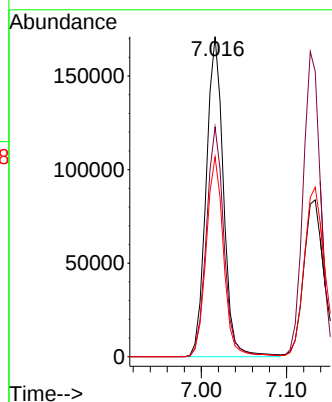
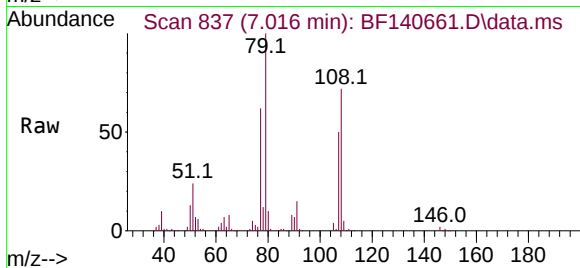
#15
Benzyl Alcohol
Concen: 51.256 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion: 79 Resp: 24132
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.4 50.1 75.1

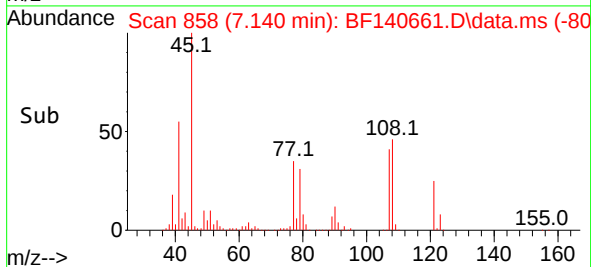
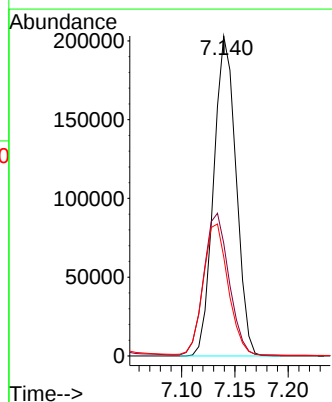
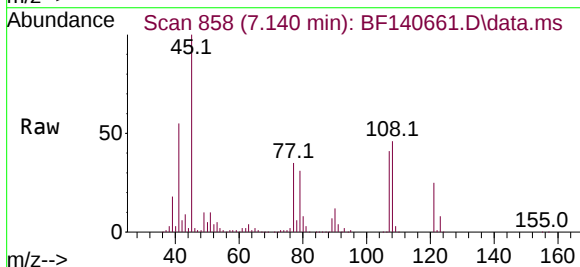
Manual Integrations
APPROVED

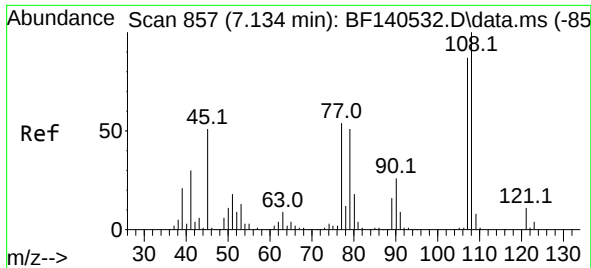
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.486 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 45 Resp: 295922
Ion Ratio Lower Upper
45 100
77 35.3 10.7 50.7
79 31.0 7.0 47.0





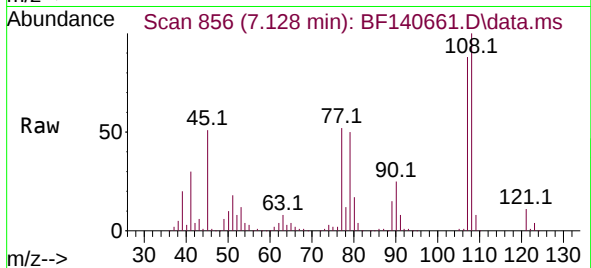
#17
2-Methylphenol
Concen: 49.474 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

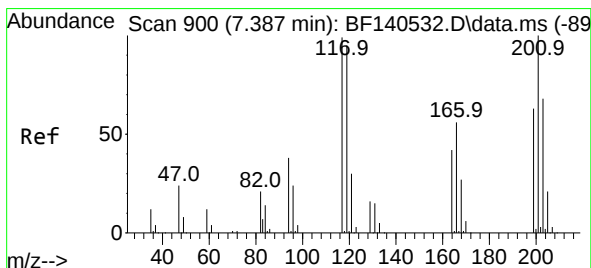
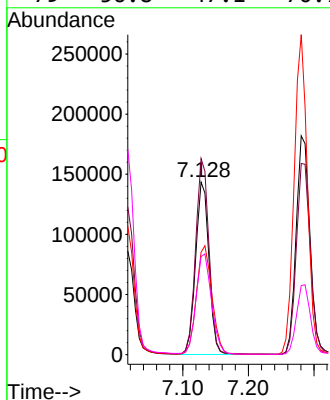
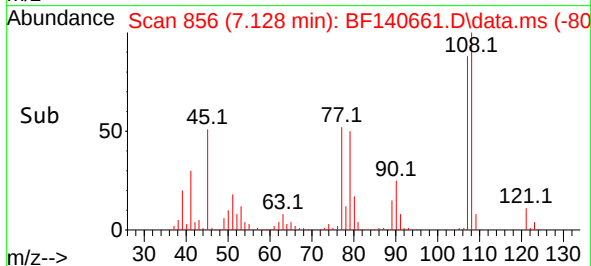


Tgt Ion:107 Resp: 204612
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 59.4 49.3 73.9
79 56.8 47.1 70.7

Manual Integrations

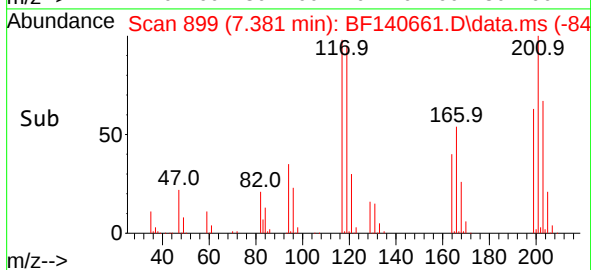
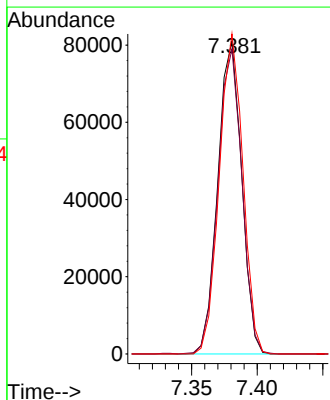
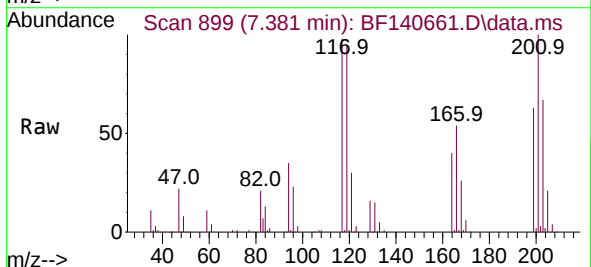
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 46.541 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:117 Resp: 102177
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7
201 102.3 81.1 121.7





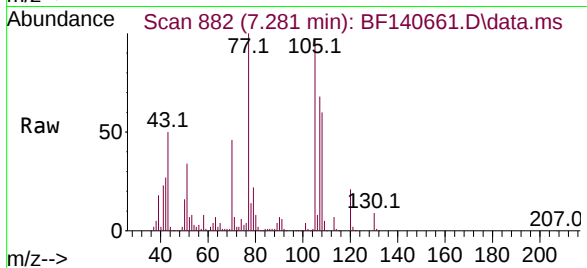
#19
n-Nitroso-di-n-propylamine
Concen: 48.440 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

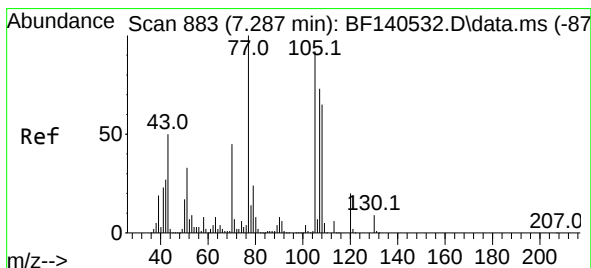
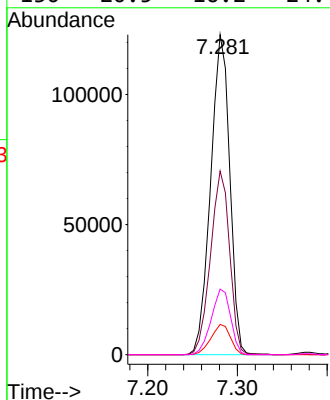
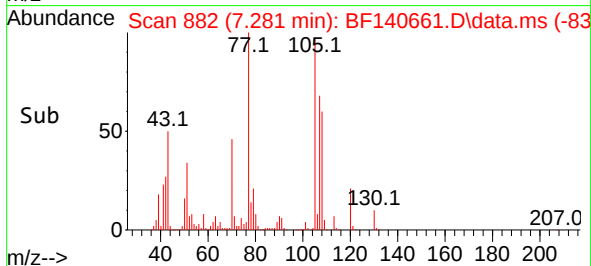
PB165269BS



Tgt Ion: 70 Resp: 181750
Ion Ratio Lower Upper
70 100
42 57.4 47.6 71.4
101 9.4 7.6 11.4
130 20.5 16.2 24.4

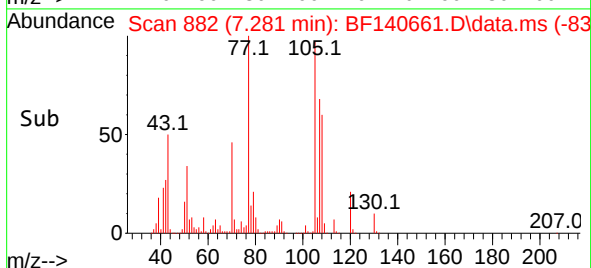
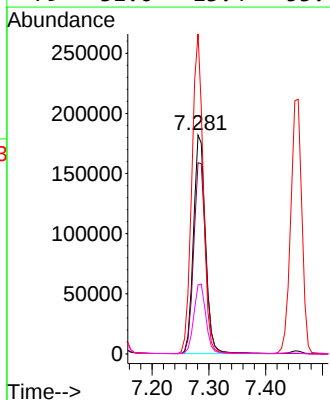
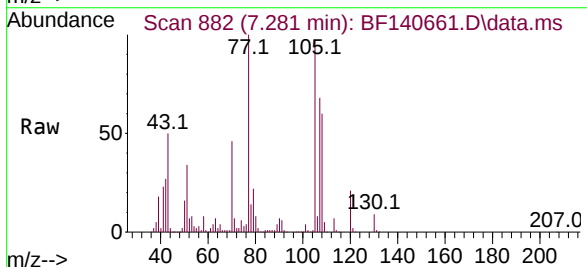
Manual Integrations
APPROVED

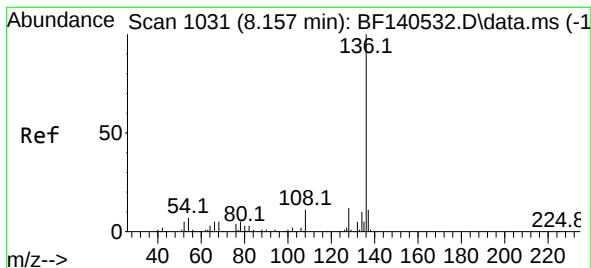
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#20
3+4-Methylphenols
Concen: 50.258 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:107 Resp: 267166
Ion Ratio Lower Upper
107 100
108 87.4 69.9 109.9
77 146.2 117.7 157.7
79 31.6 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

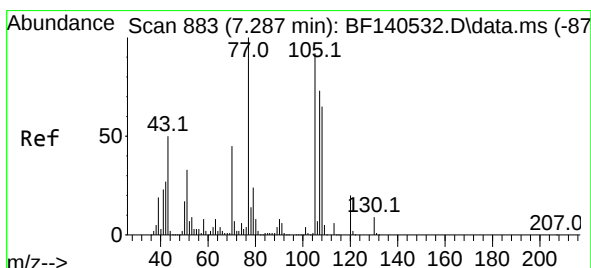
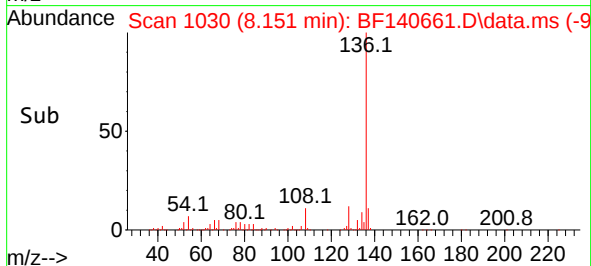
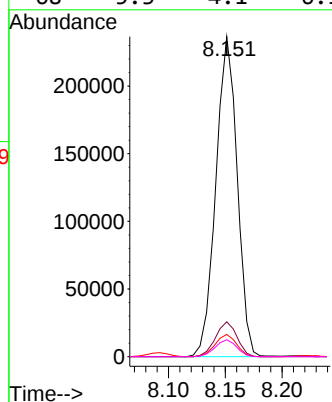
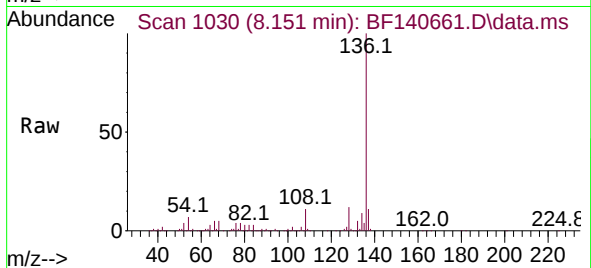
PB165269BS

Tgt Ion:136 Resp: 309564
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1

Manual Integrations

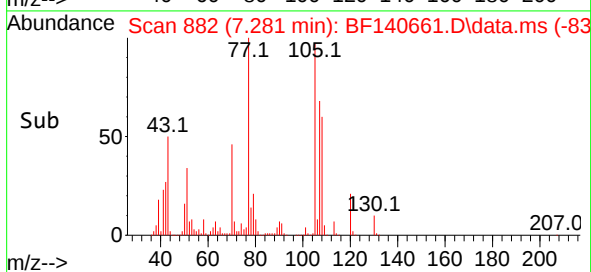
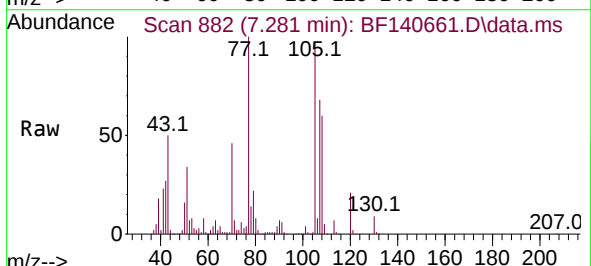
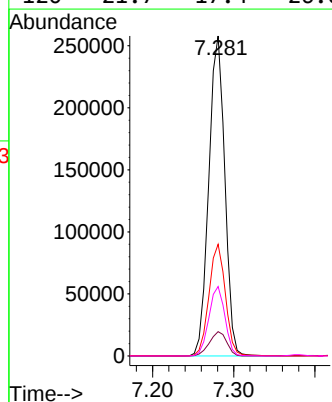
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 46.795 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:105 Resp: 353162
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 34.9 29.0 43.6
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 90.737 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

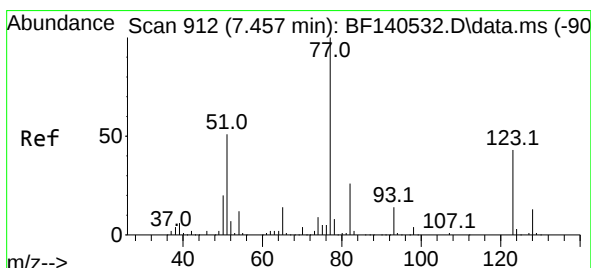
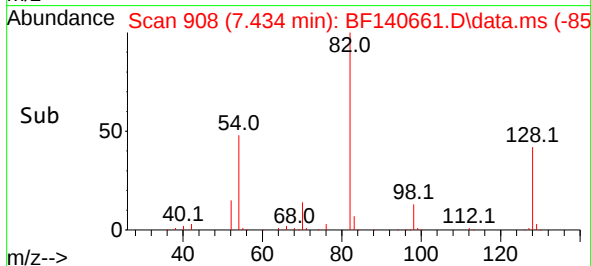
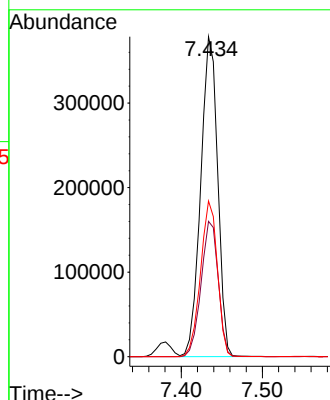
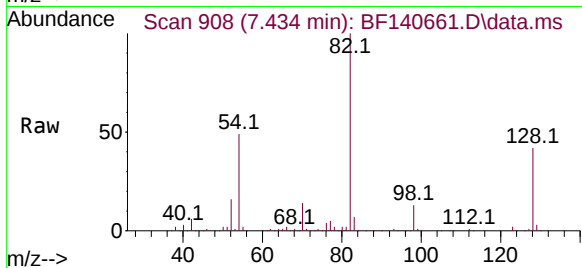
PB165269BS

Tgt Ion: 82 Resp: 54914

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.0	49.4
54	48.7	39.5	59.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#24

Nitrobenzene

Concen: 45.761 ng

RT: 7.457 min Scan# 912

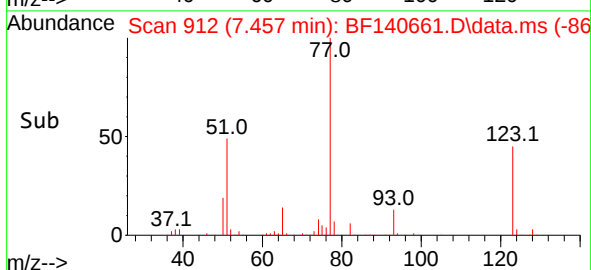
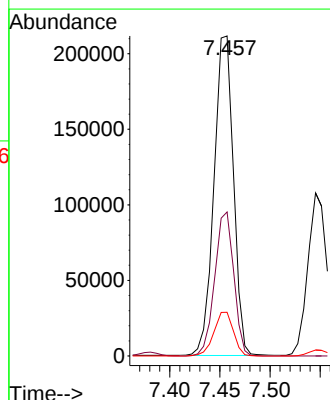
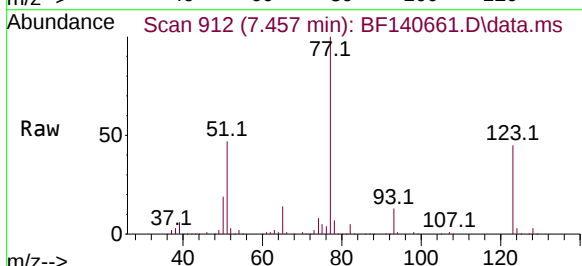
Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion: 77 Resp: 286237

Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.3	51.5
65	13.6	11.2	16.8





#25
Isophorone
Concen: 48.741 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

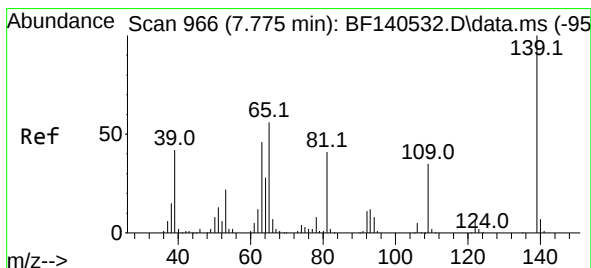
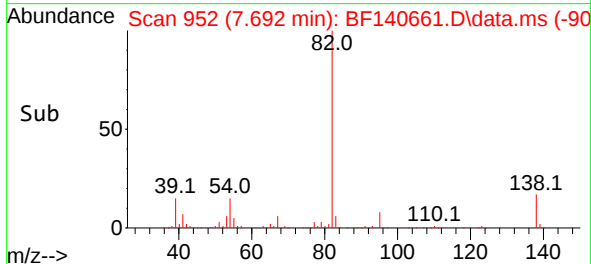
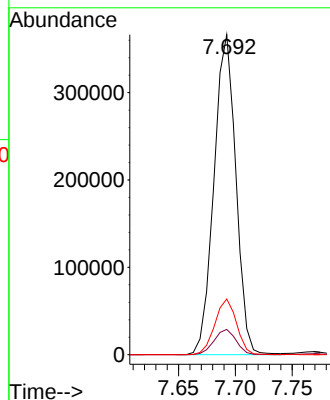
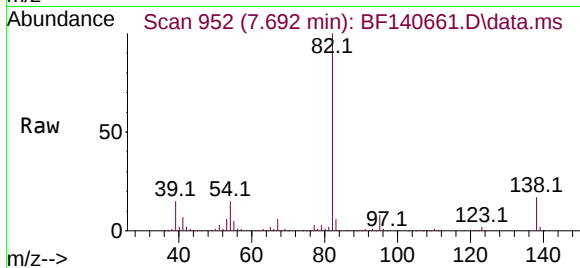
PB165269BS

Tgt Ion: 82 Resp: 492010
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.4 13.8 20.6

Manual Integrations

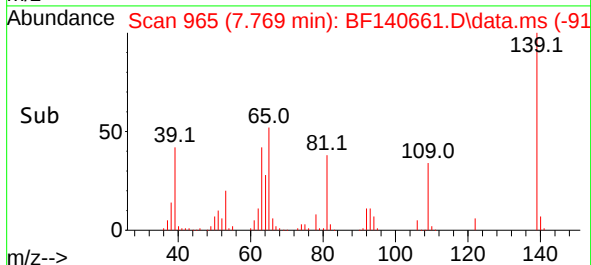
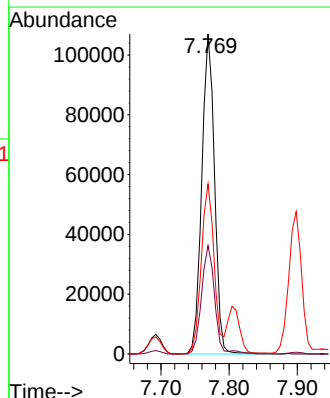
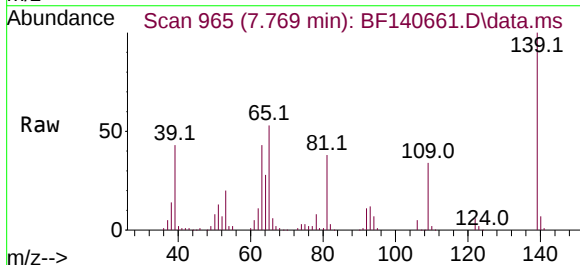
APPROVED

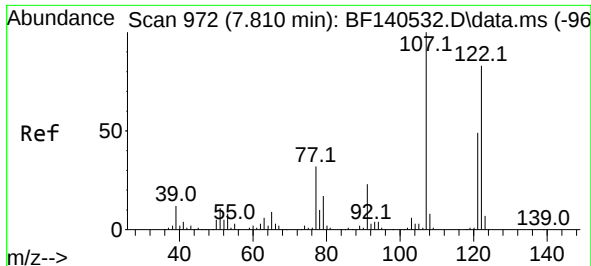
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 50.373 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:139 Resp: 139631
Ion Ratio Lower Upper
139 100
109 33.8 28.0 42.0
65 53.2 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 62.782 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

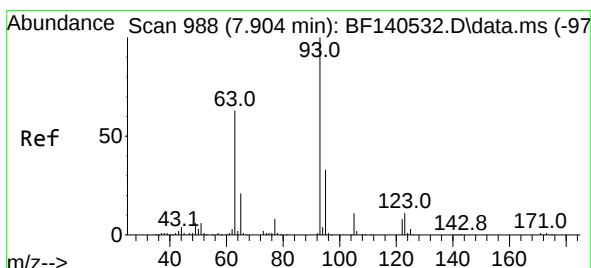
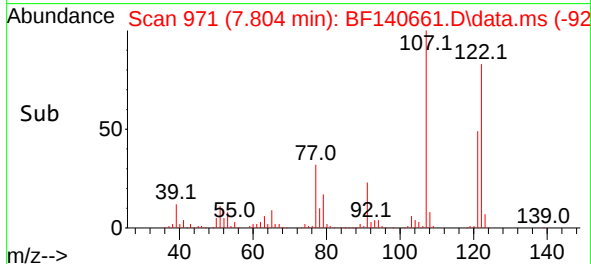
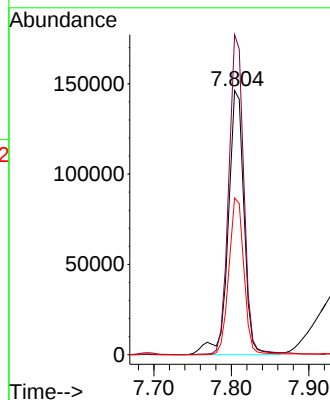
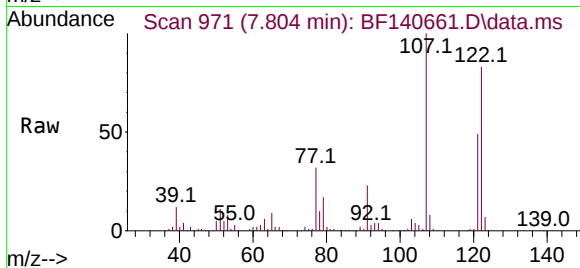
PB165269BS

Tgt Ion:122 Resp: 208219
Ion Ratio Lower Upper
122 100
107 121.1 96.8 145.2
121 59.3 47.4 71.0

Manual Integrations

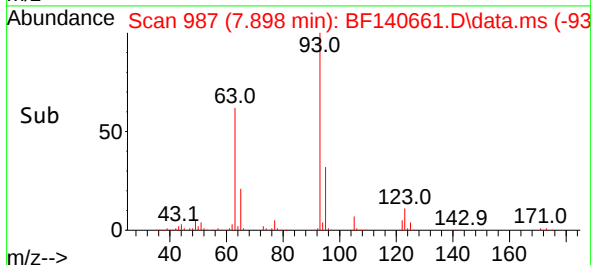
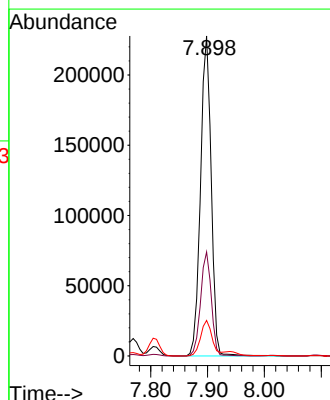
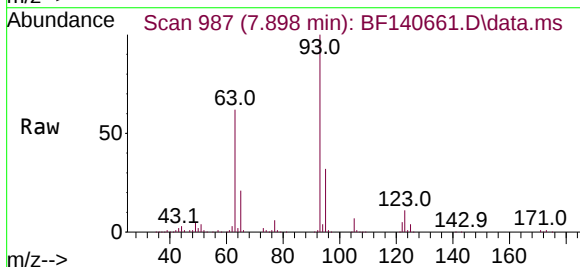
APPROVED

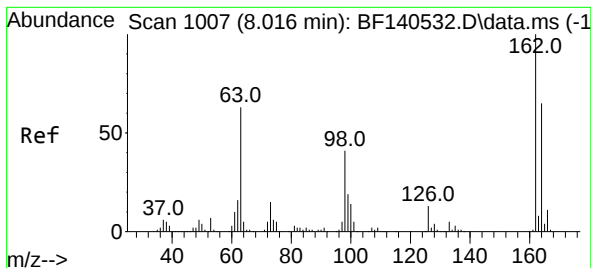
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.475 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 93 Resp: 298097
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.1 9.1 13.7





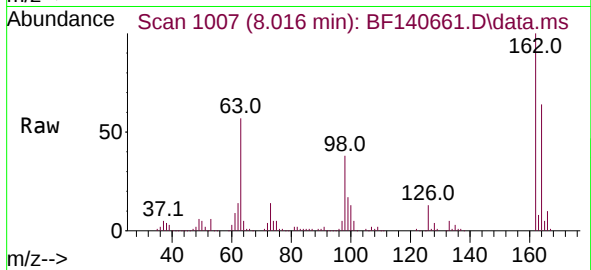
#29
2,4-Dichlorophenol
Concen: 49.805 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS



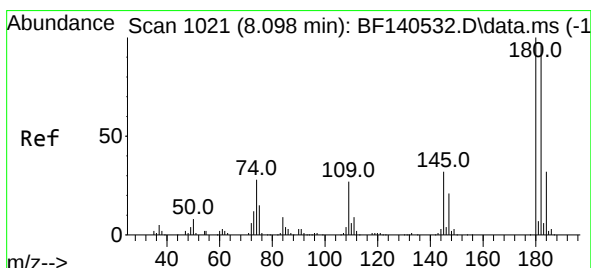
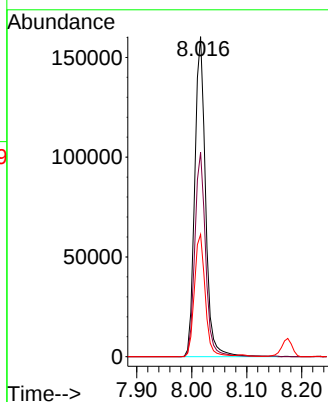
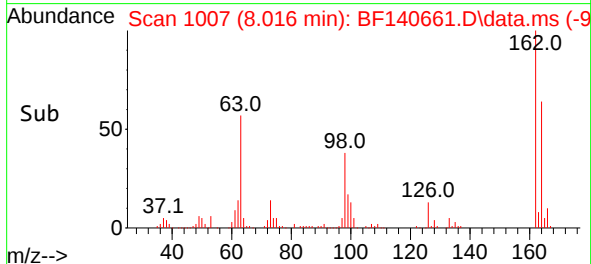
Tgt Ion:162 Resp: 21887
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 38.2 21.2 61.2

Manual Integrations

APPROVED

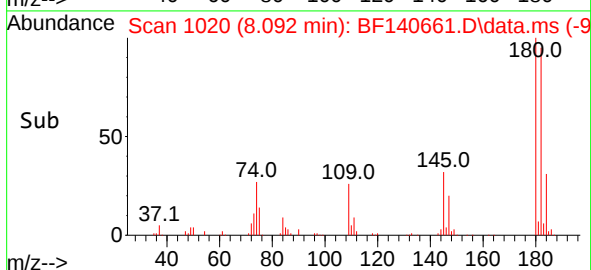
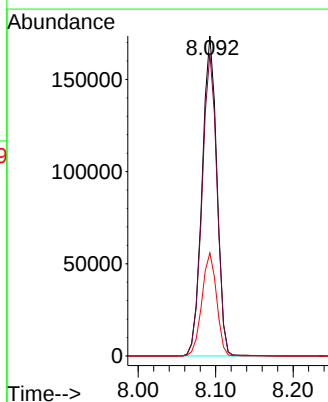
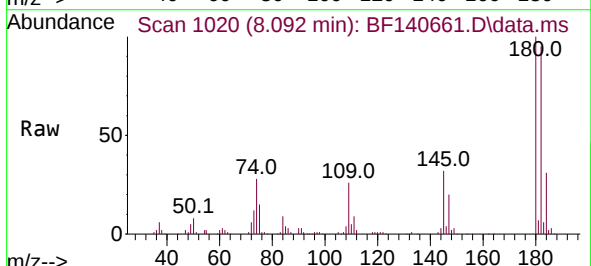
Reviewed By :Yogesh Patel 11/29/2024

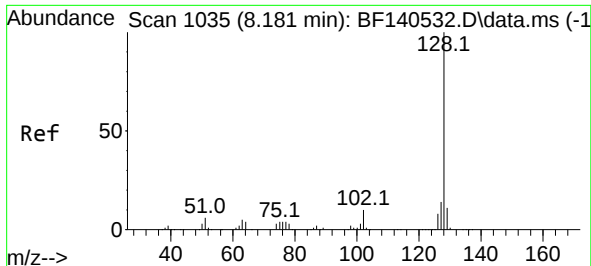
Supervised By :mohammad ahmed 11/29/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.681 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:180 Resp: 229213
Ion Ratio Lower Upper
180 100
182 94.6 76.4 114.6
145 32.2 25.9 38.9





#31
Naphthalene
Concen: 47.352 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

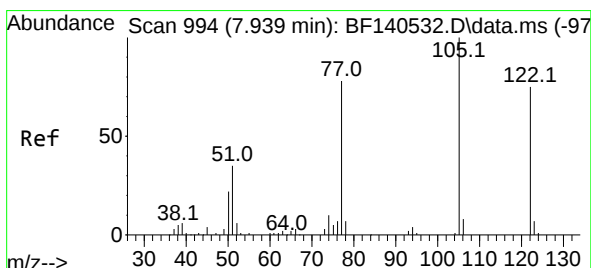
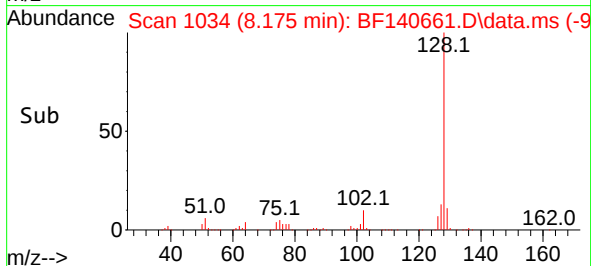
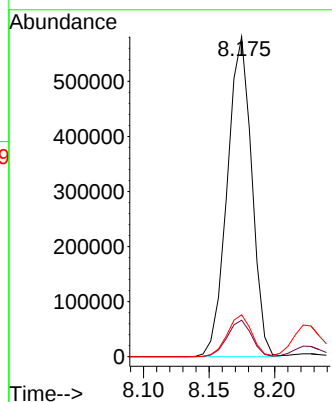
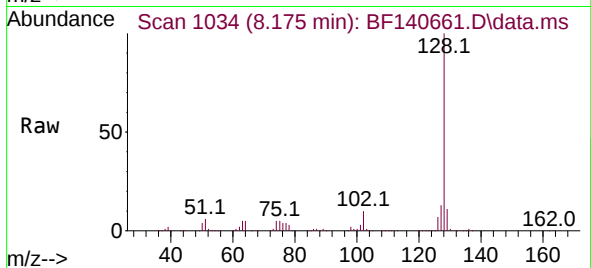
ClientSampleId :

PB165269BS

Tgt Ion:128 Resp: 75504
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.8 16.2

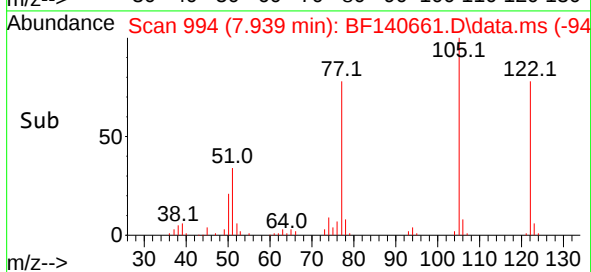
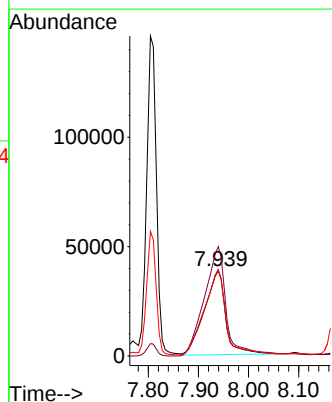
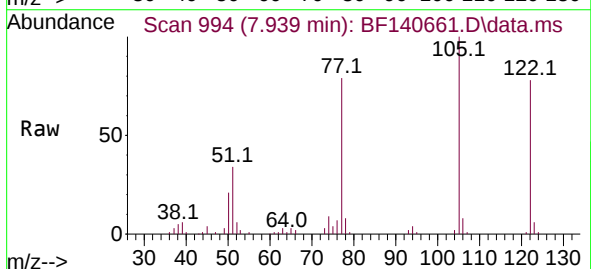
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 40.628 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:122 Resp: 113509
Ion Ratio Lower Upper
122 100
105 128.4 109.3 149.3
77 101.7 82.3 122.3





#33
4-Chloroaniline
Concen: 23.640 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

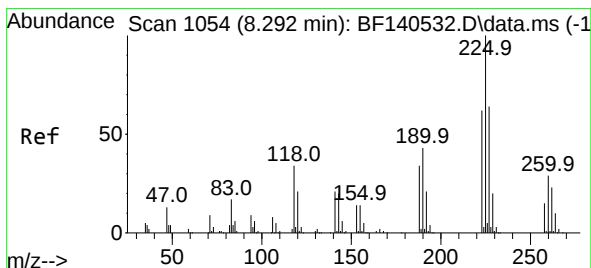
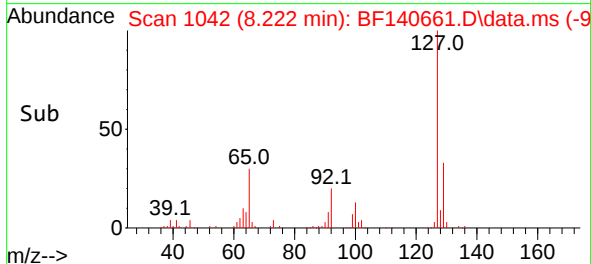
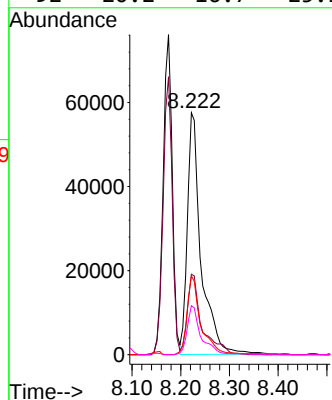
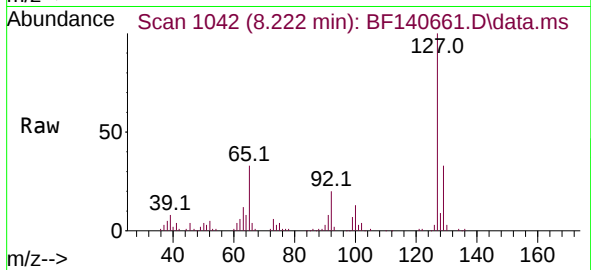
PB165269BS

Tgt Ion:127 Resp: 112860
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 32.6 26.0 39.0
92 20.2 16.7 25.1

Manual Integrations

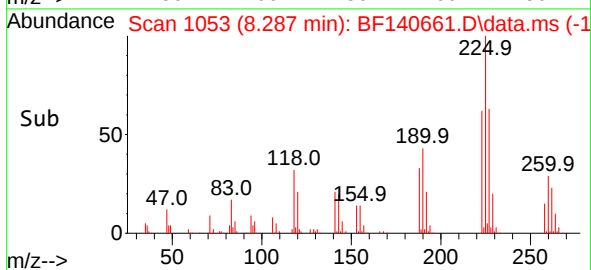
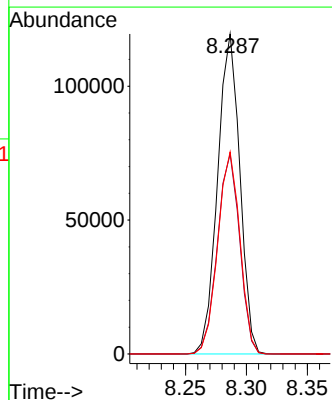
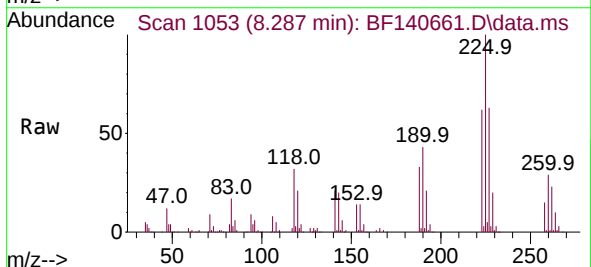
APPROVED

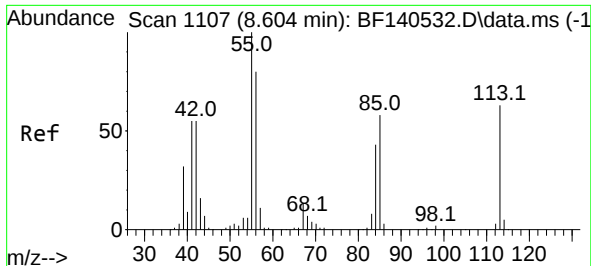
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 45.721 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:225 Resp: 151953
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 63.2 51.3 76.9





#35
Caprolactam
Concen: 51.799 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

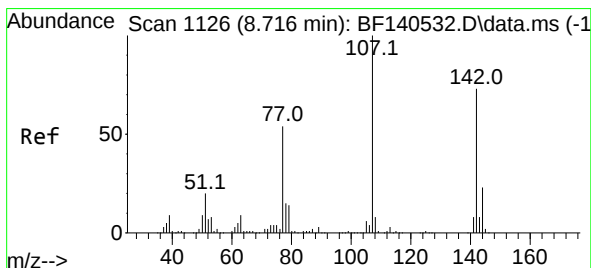
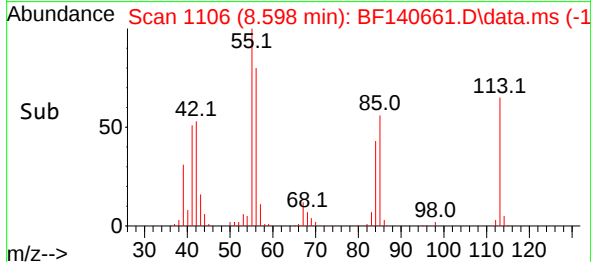
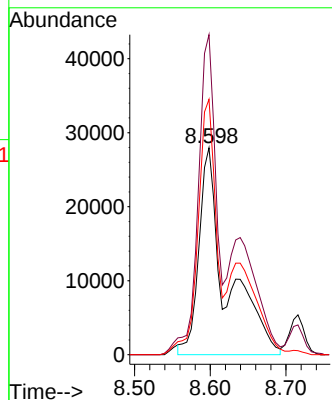
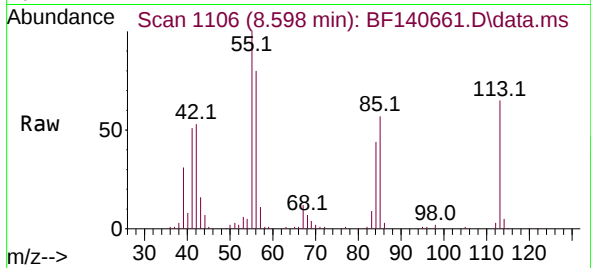
ClientSampleId :

PB165269BS

Tgt Ion:113 Resp: 7044
Ion Ratio Lower Upper
113 100
55 154.7 137.7 177.7
56 123.5 106.4 146.4

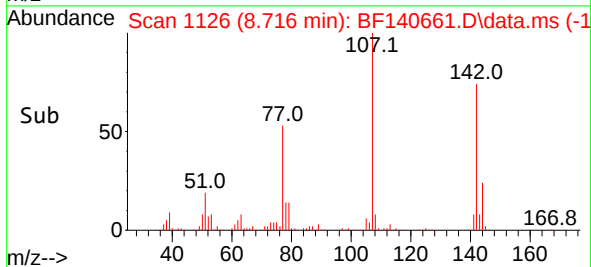
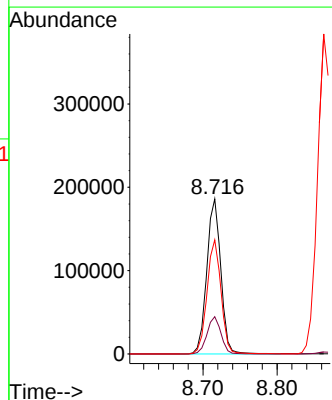
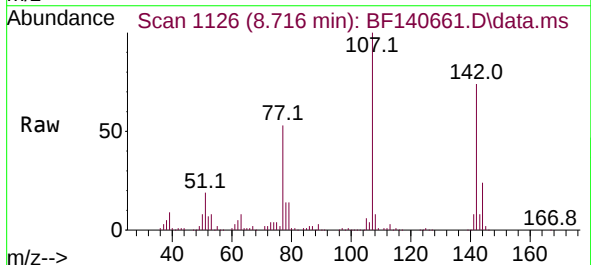
Manual Integrations
APPROVED

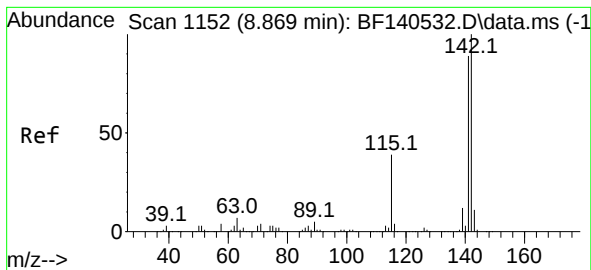
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 49.912 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:107 Resp: 245586
Ion Ratio Lower Upper
107 100
144 24.1 18.7 28.1
142 73.6 58.3 87.5





#37
2-Methylnaphthalene
Concen: 49.359 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

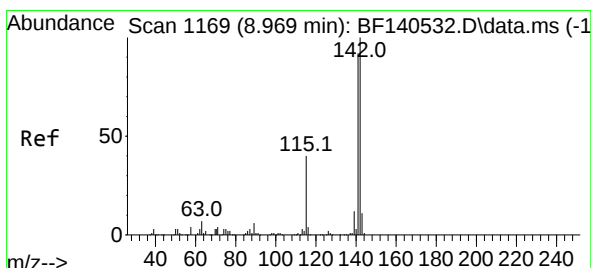
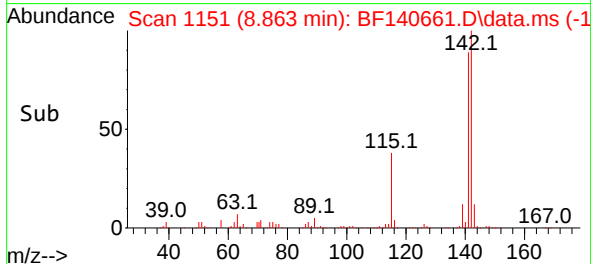
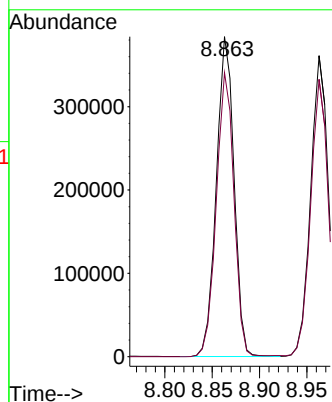
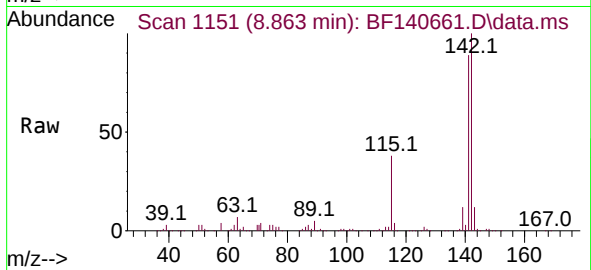
PB165269BS

Tgt Ion:142 Resp: 499898
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6

Manual Integrations

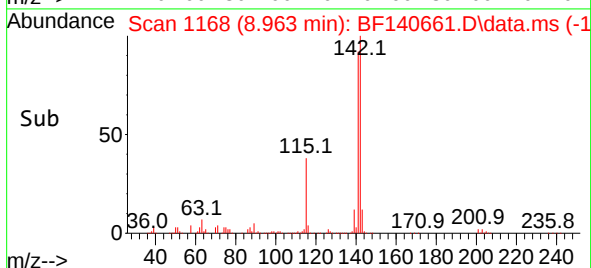
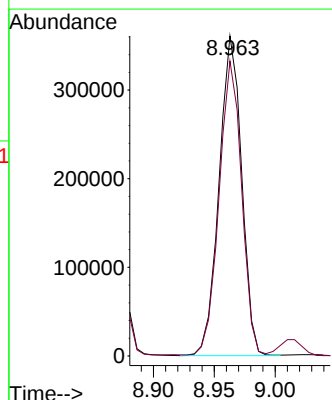
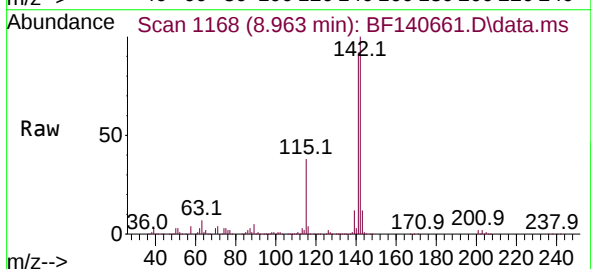
APPROVED

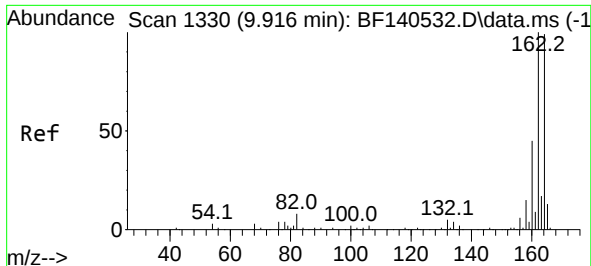
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 46.852 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:142 Resp: 465106
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140661.D

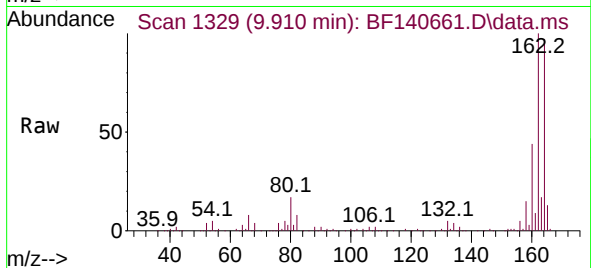
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS



Tgt Ion:164 Resp: 172880

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

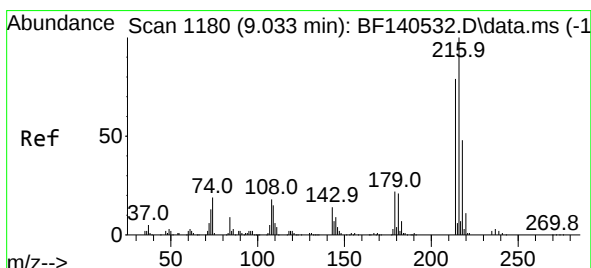
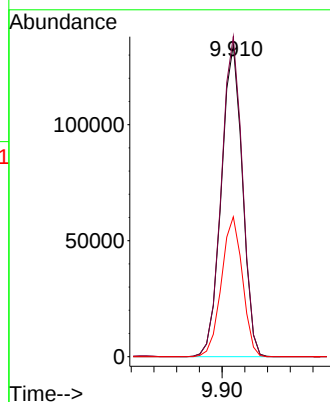
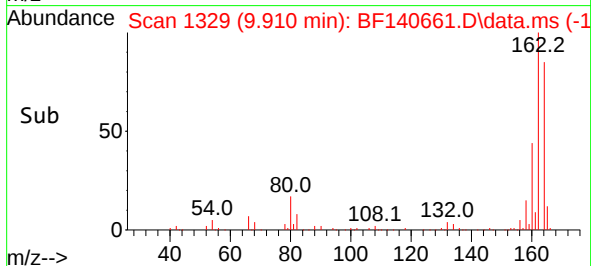
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.963 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:216 Resp: 242742

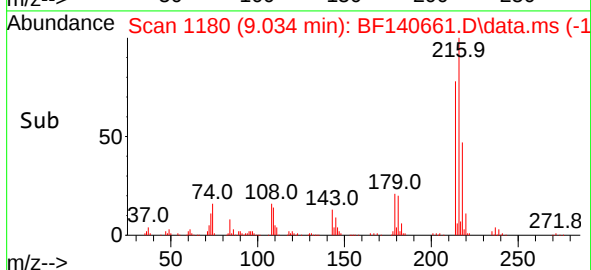
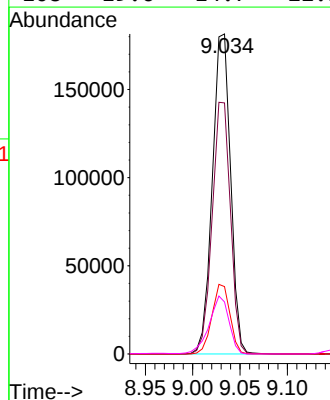
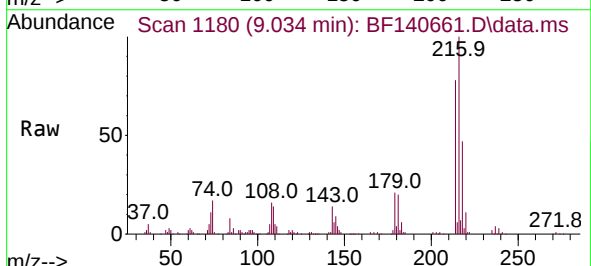
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.4 17.5 26.3

108 19.6 14.7 22.1





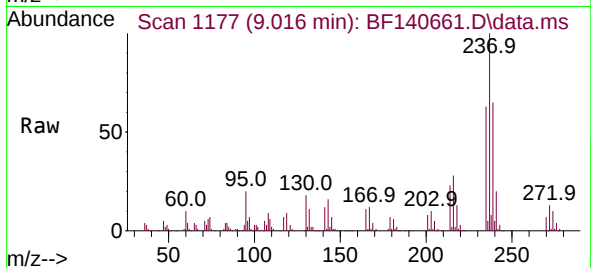
#41
Hexachlorocyclopentadiene
Concen: 167.902 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

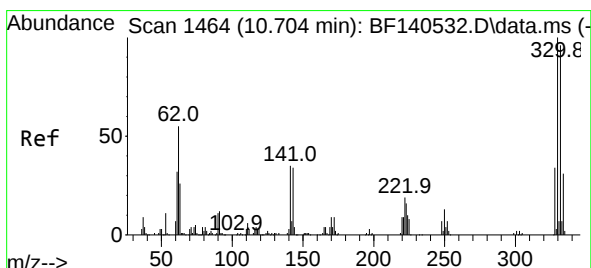
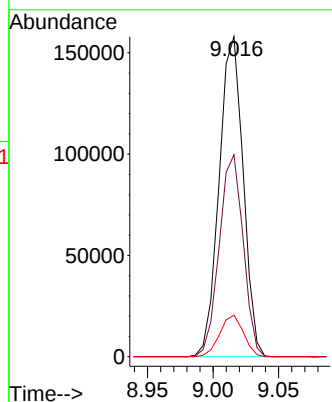
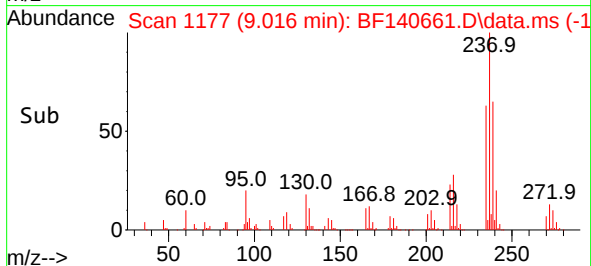


Tgt Ion:237 Resp: 20103
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.0 0.0 32.6

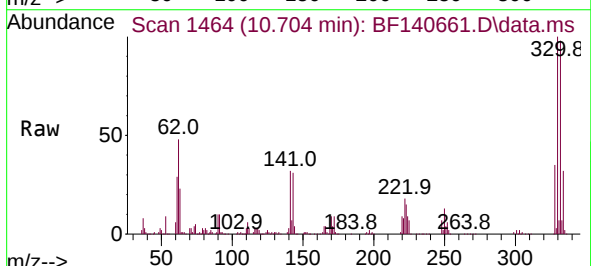
Manual Integrations

APPROVED

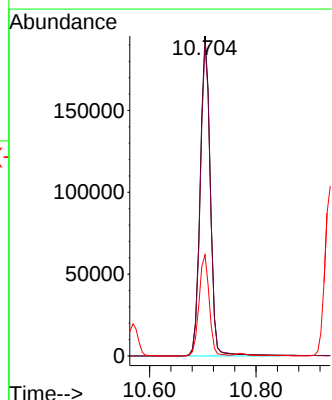
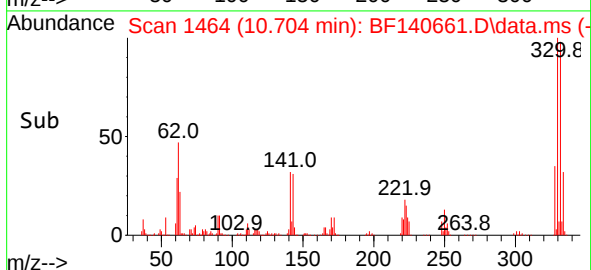
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

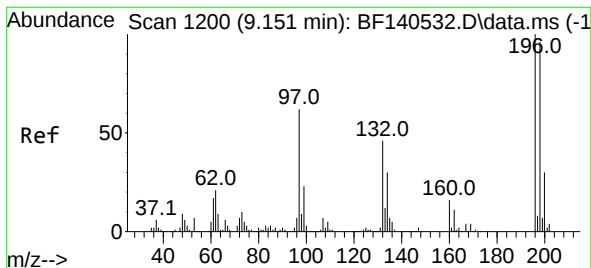


#42
2,4,6-Tribromophenol
Concen: 139.459 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:330 Resp: 257855
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 31.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.409 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion:196 Resp: 15373

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

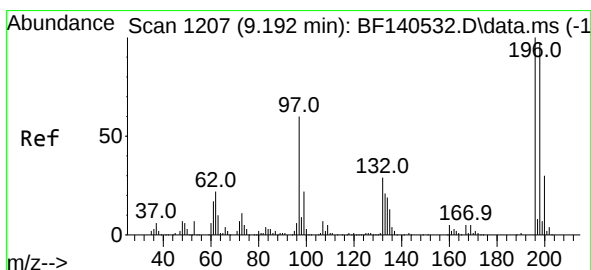
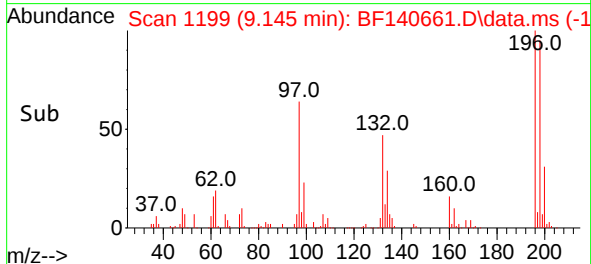
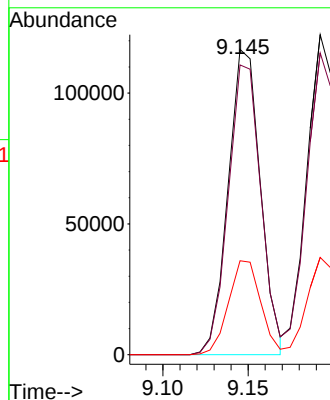
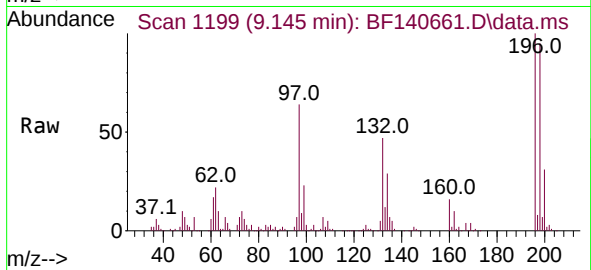
200 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#44

2,4,5-Trichlorophenol

Concen: 48.251 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:196 Resp: 166304

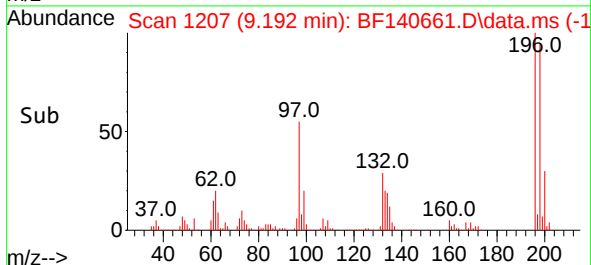
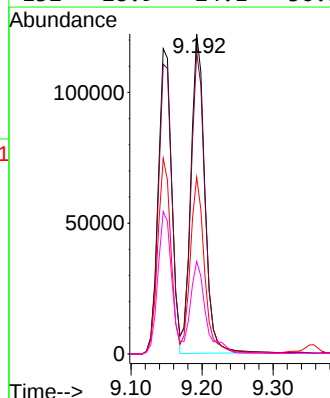
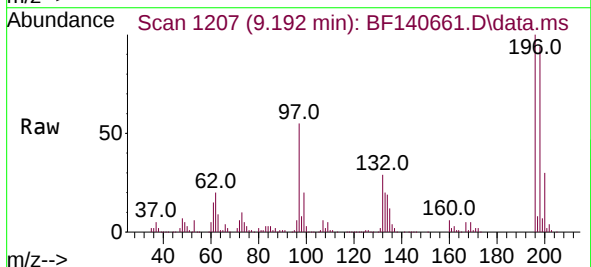
Ion Ratio Lower Upper

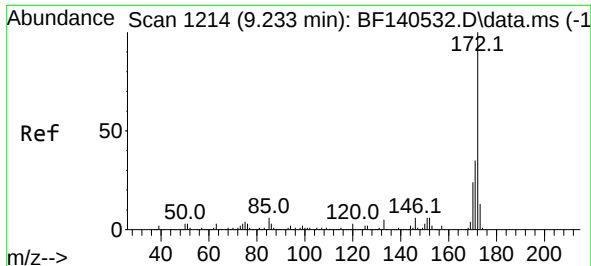
196 100

198 94.3 77.2 115.8

97 55.2 47.1 70.7

132 28.9 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 90.715 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

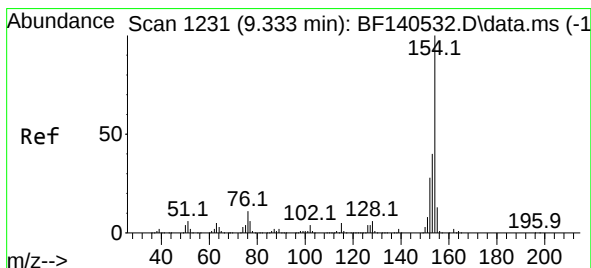
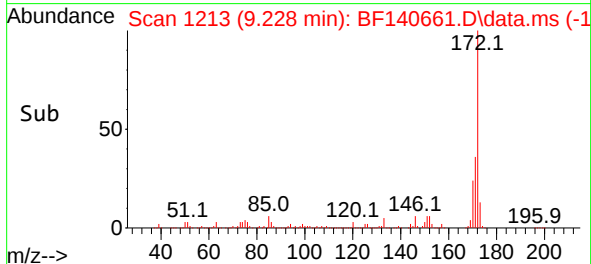
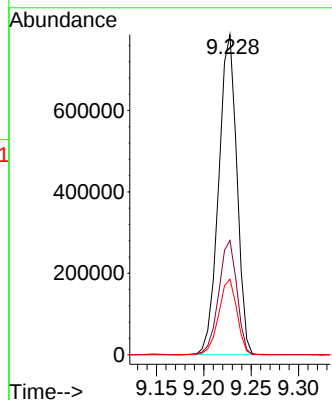
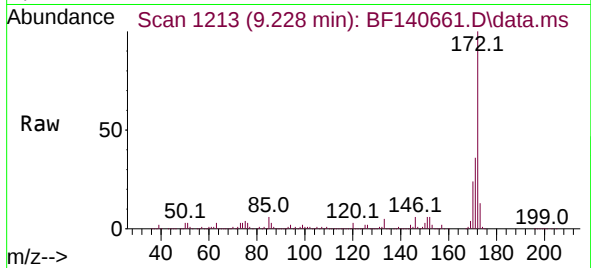
ClientSampleId :

PB165269BS

Tgt Ion:172 Resp: 1052570
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.6 19.0 28.6

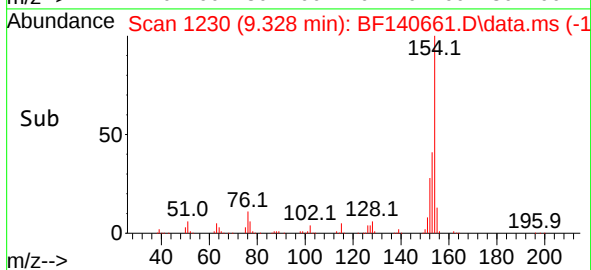
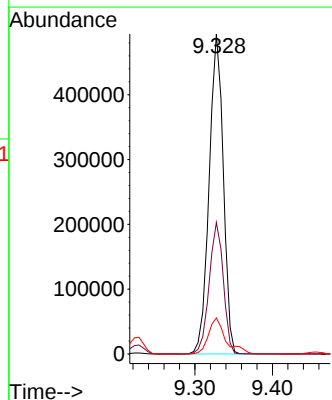
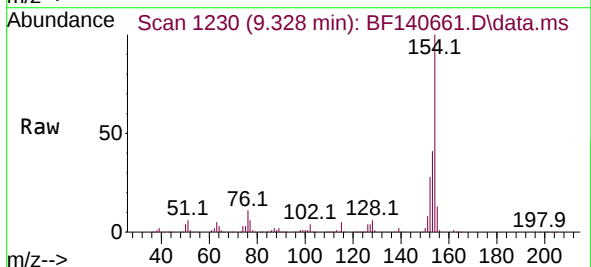
Manual Integrations
APPROVED

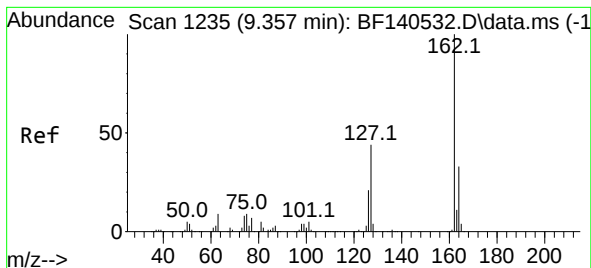
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#46
1,1'-Biphenyl
Concen: 48.491 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:154 Resp: 625897
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.767 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

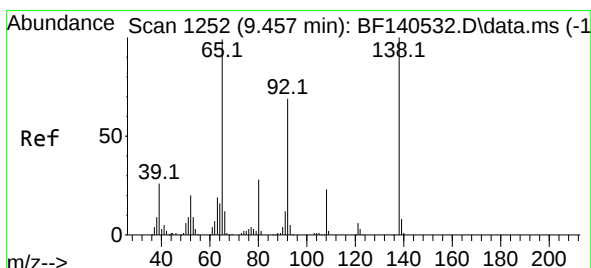
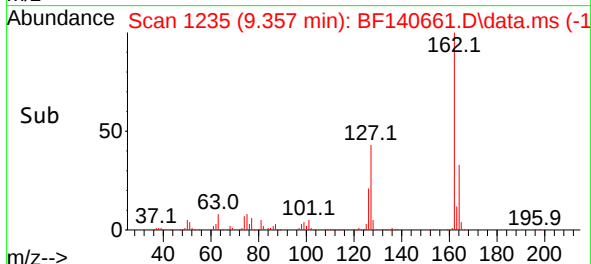
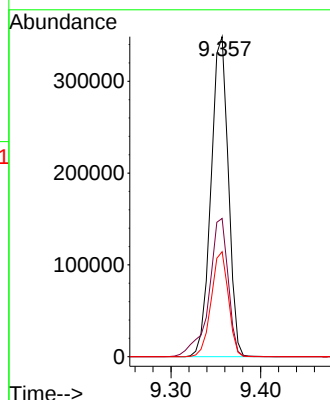
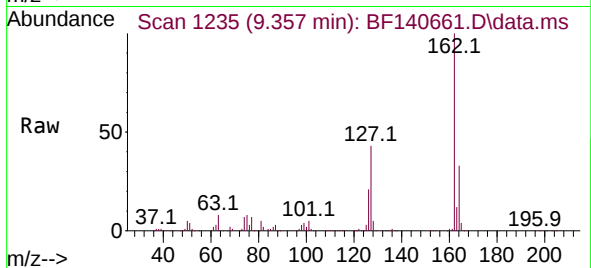
Tgt Ion:162 Resp: 46717
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.7 53.5
 164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 50.062 ng

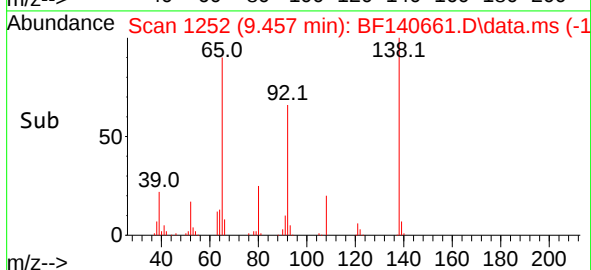
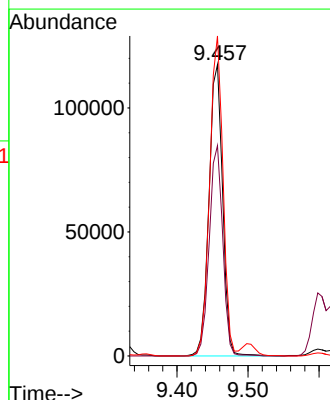
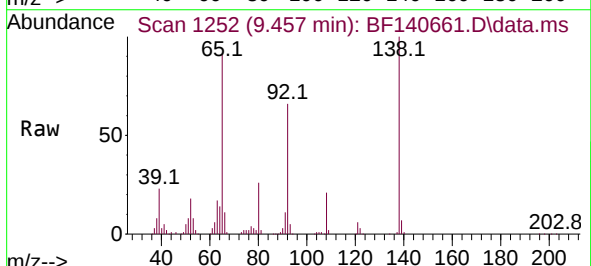
RT: 9.457 min Scan# 1252

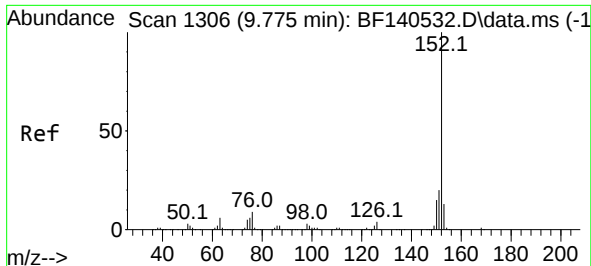
Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

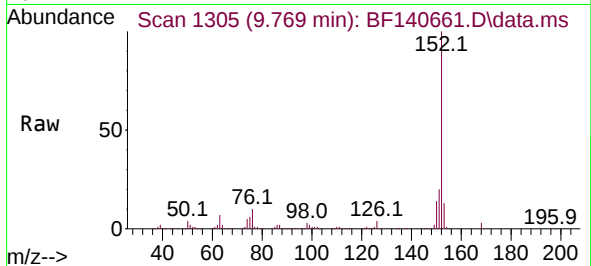
Tgt Ion: 65 Resp: 157156
 Ion Ratio Lower Upper
 65 100
 92 72.2 56.1 84.1
 138 109.8 81.0 121.6





#49
Acenaphthylene
Concen: 52.565 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

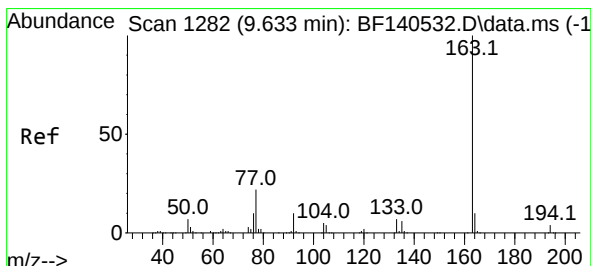
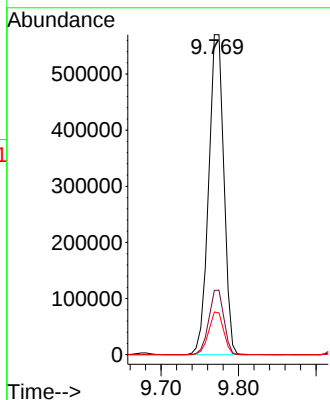
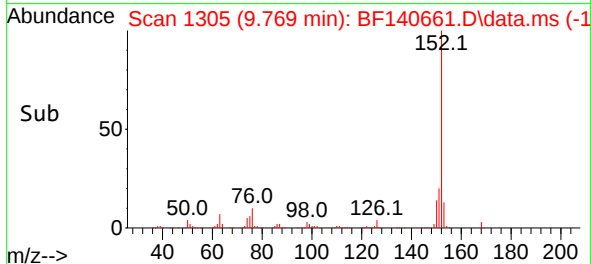
Instrument :
BNA_F
ClientSampleId :
PB165269BS



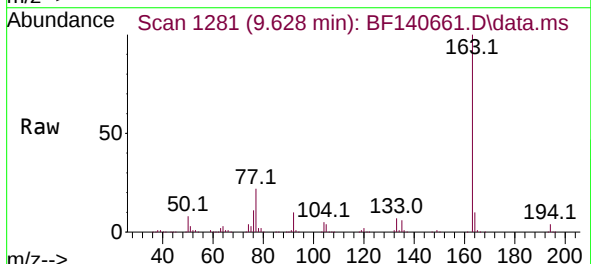
Tgt Ion:152 Resp: 776768
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations
APPROVED

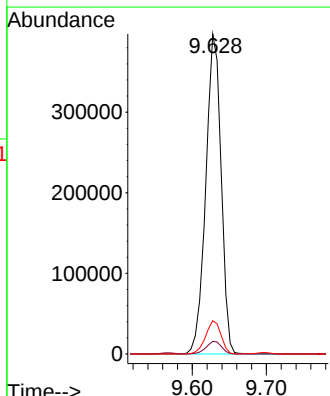
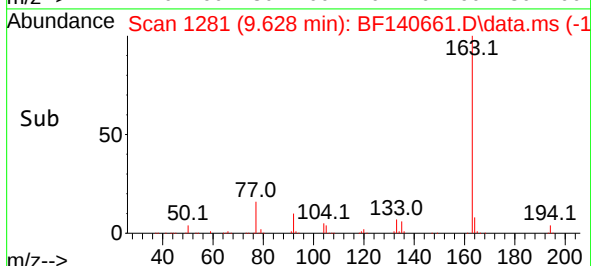
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

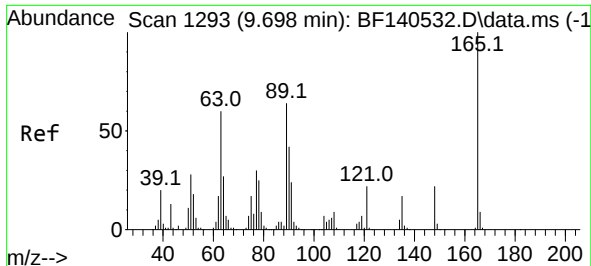


#50
Dimethylphthalate
Concen: 50.099 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:163 Resp: 570412
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.2 12.2





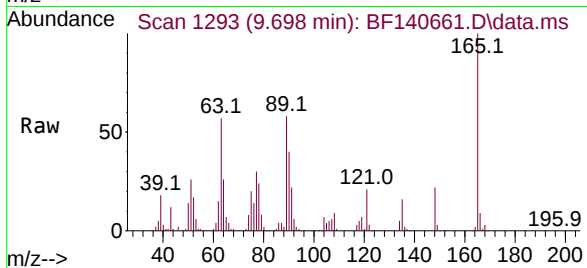
#51
2,6-Dinitrotoluene
Concen: 48.038 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

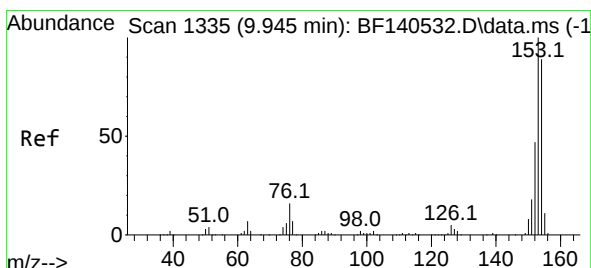
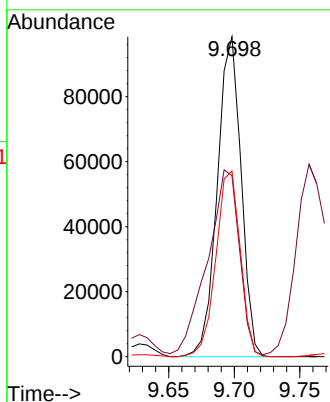
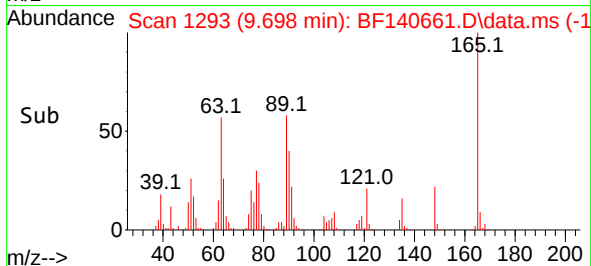


Tgt Ion:165 Resp: 124040
Ion Ratio Lower Upper
165 100
63 56.6 49.9 74.9
89 58.1 50.9 76.3

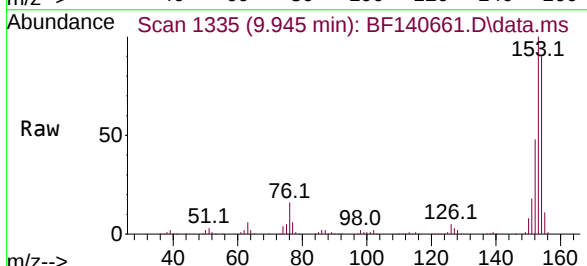
Manual Integrations

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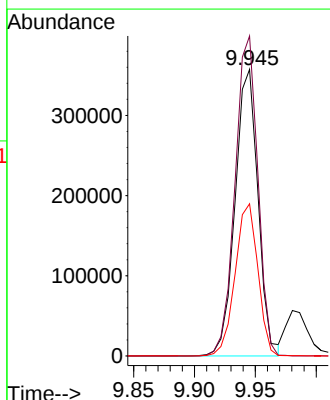
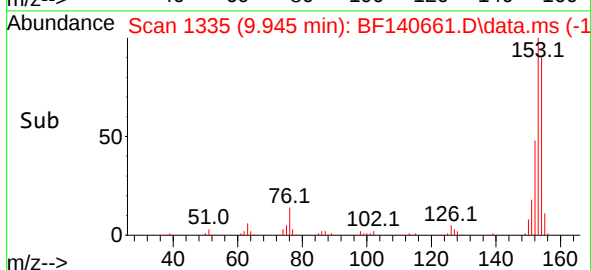
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

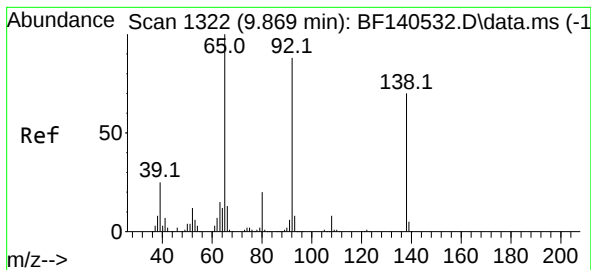


#52
Acenaphthene
Concen: 50.017 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:154 Resp: 469623
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 30.598 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

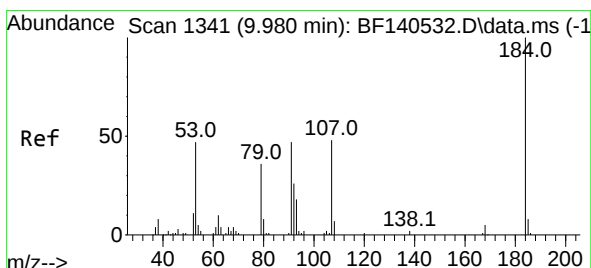
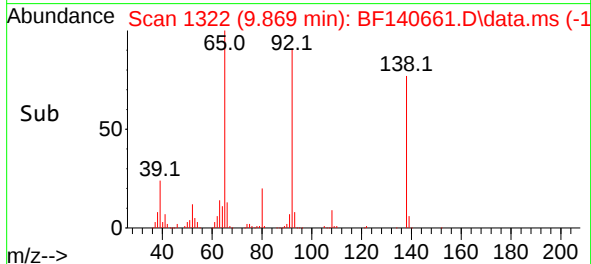
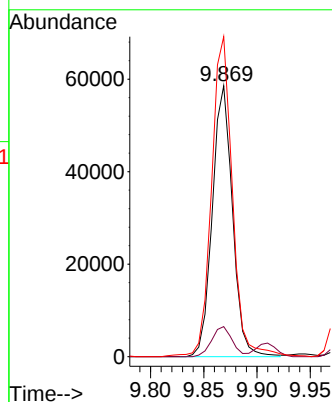
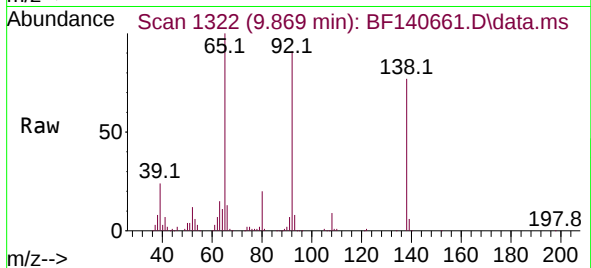
PB165269BS

Tgt Ion:138 Resp: 77278
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 118.2 100.6 150.8

Manual Integrations

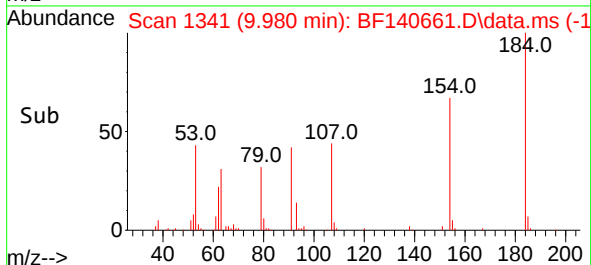
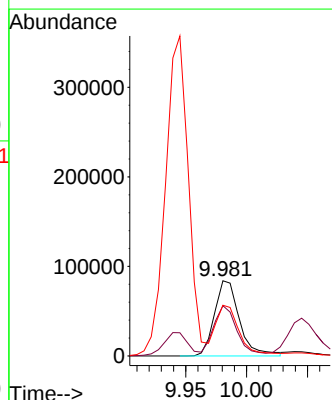
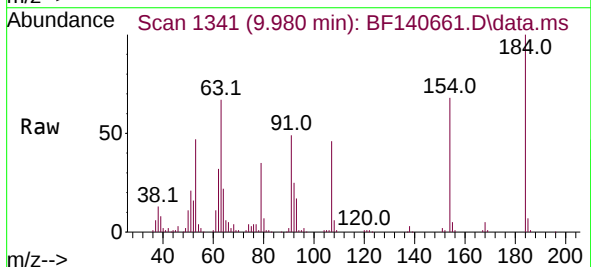
APPROVED

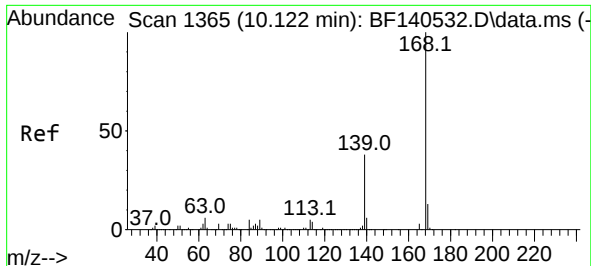
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#54
2,4-Dinitrophenol
Concen: 88.970 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

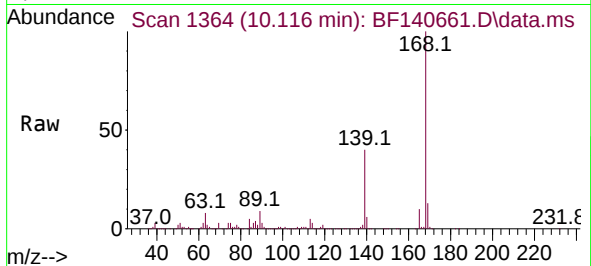
Tgt Ion:184 Resp: 120285
Ion Ratio Lower Upper
184 100
63 66.8 54.1 81.1
154 67.5 57.4 86.0





#55
Dibenzenofuran
Concen: 49.671 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

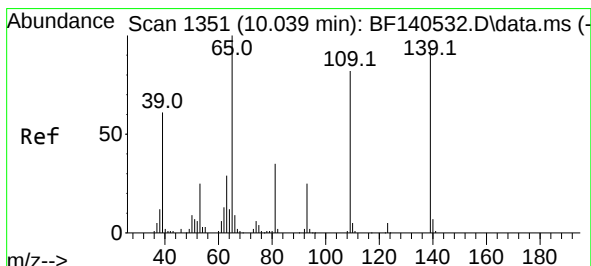
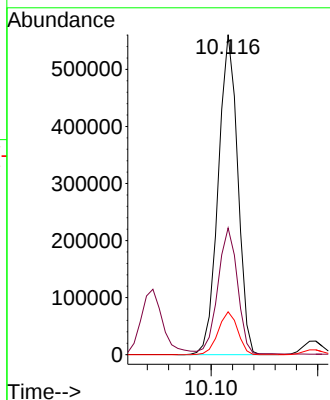
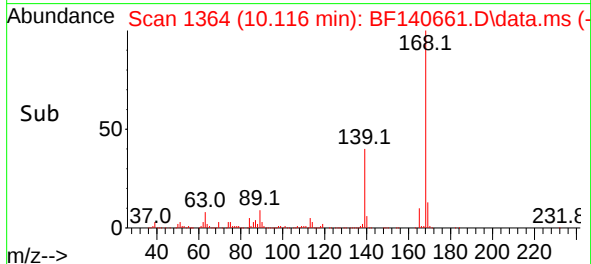
Instrument :
BNA_F
ClientSampleId :
PB165269BS



Tgt Ion:168 Resp: 711379
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.4 10.5 15.7

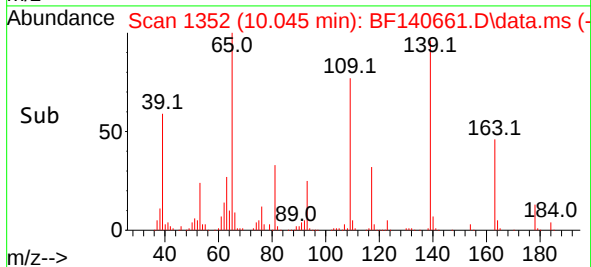
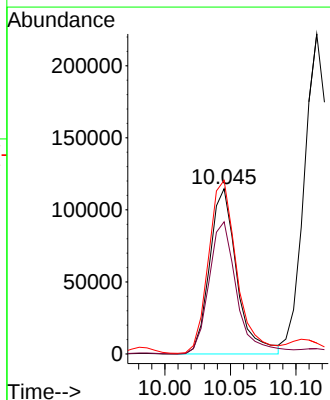
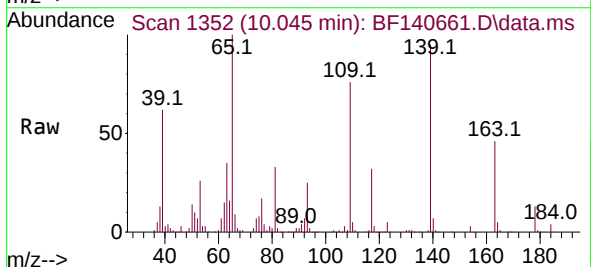
Manual Integrations
APPROVED

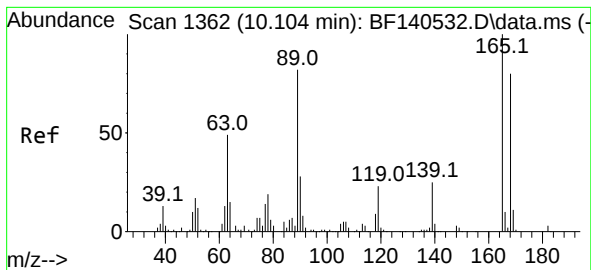
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 96.224 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:139 Resp: 165737
Ion Ratio Lower Upper
139 100
109 80.0 68.4 108.4
65 105.0 88.6 128.6





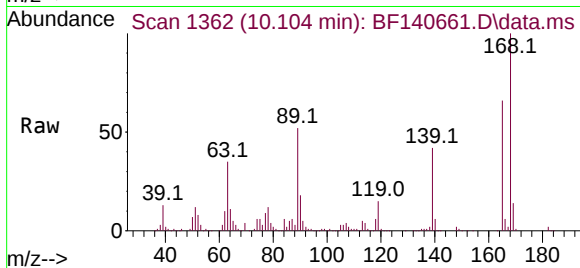
#57
2,4-Dinitrotoluene
Concen: 50.057 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

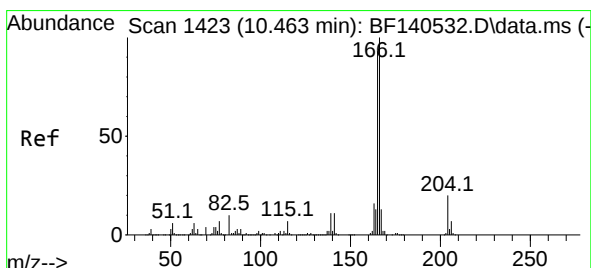
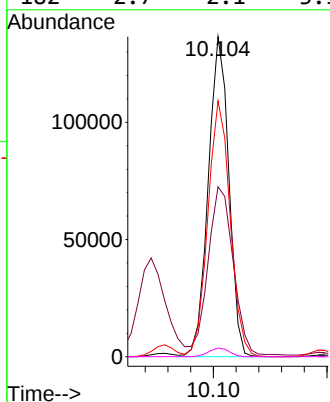
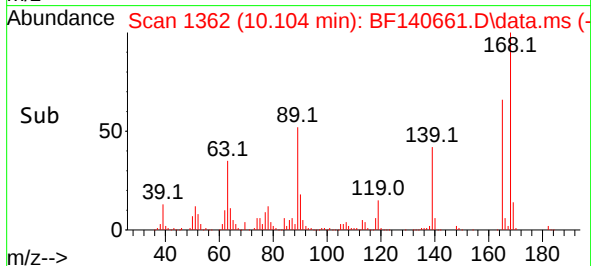


Tgt Ion:165 Resp: 171788
Ion Ratio Lower Upper
165 100
63 53.1 41.7 62.5
89 80.0 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

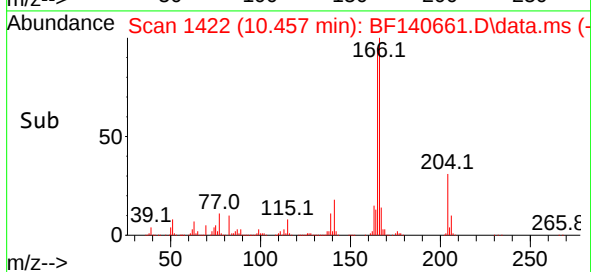
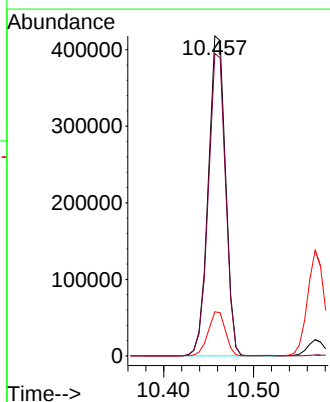
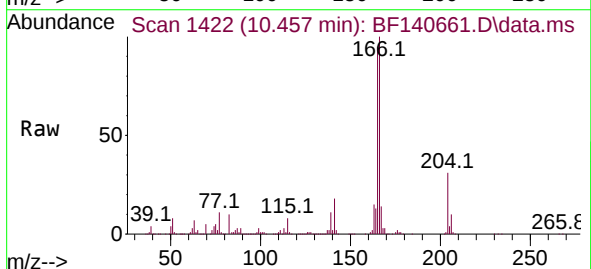
APPROVED

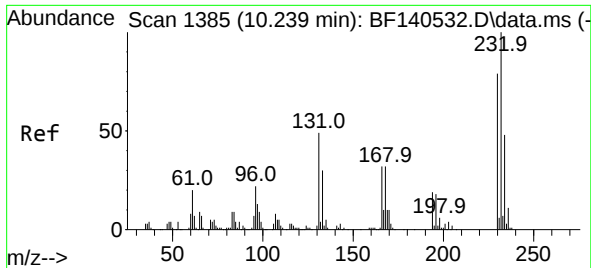
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#58
Fluorene
Concen: 48.508 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

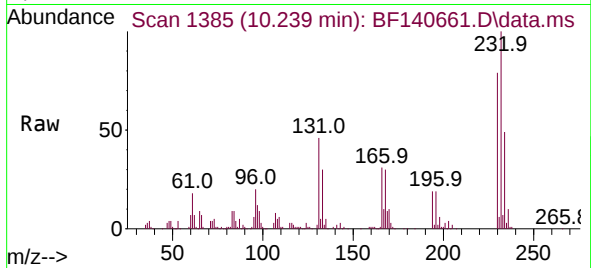
Tgt Ion:166 Resp: 557636
Ion Ratio Lower Upper
166 100
165 94.5 74.6 111.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.304 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

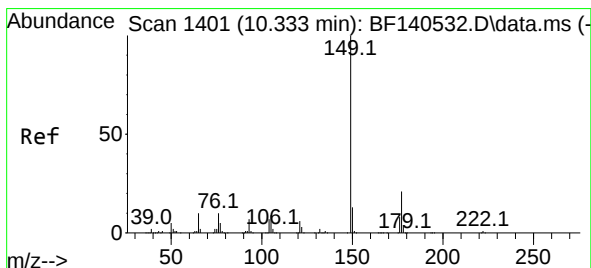
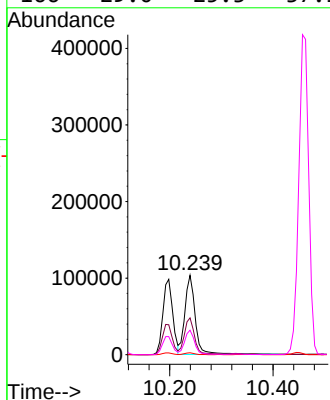
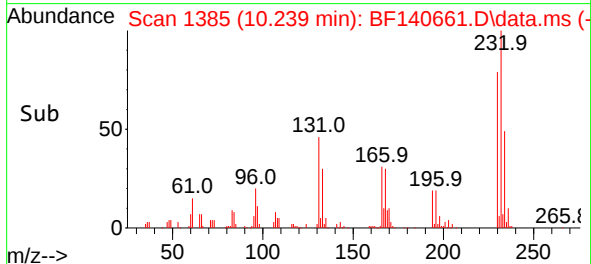
Instrument :
BNA_F
ClientSampleId :
PB165269BS



Tgt Ion:232 Resp: 14384
Ion Ratio Lower Upper
232 100
131 44.2 39.6 59.4
130 2.3 1.9 2.9
166 29.0 25.3 37.9

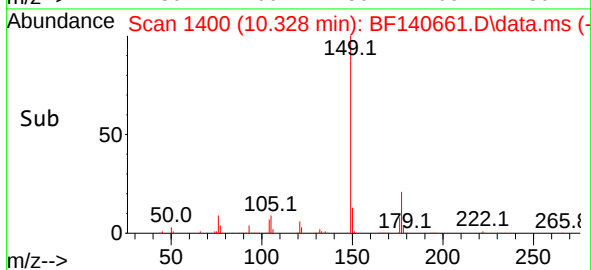
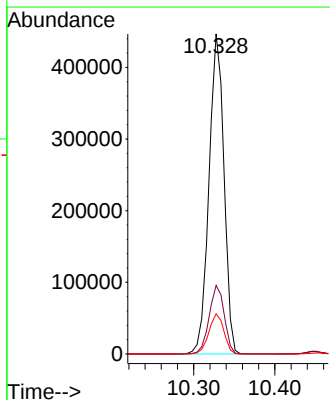
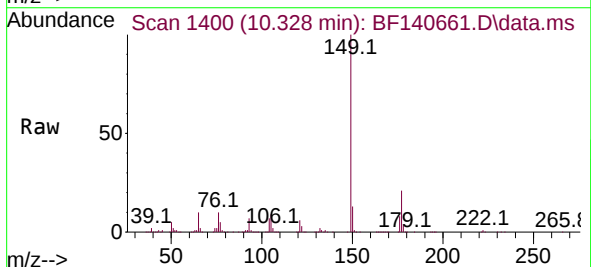
Manual Integrations
APPROVED

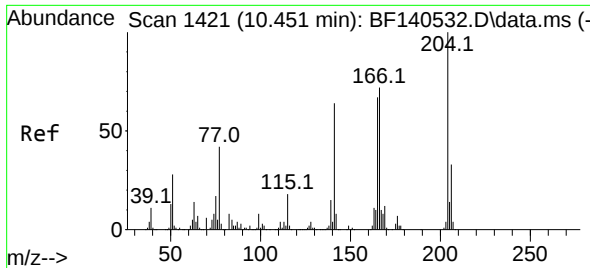
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 49.405 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:149 Resp: 571522
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1





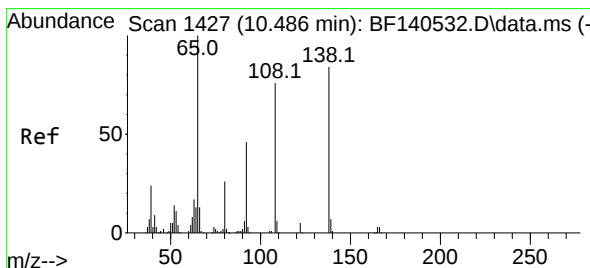
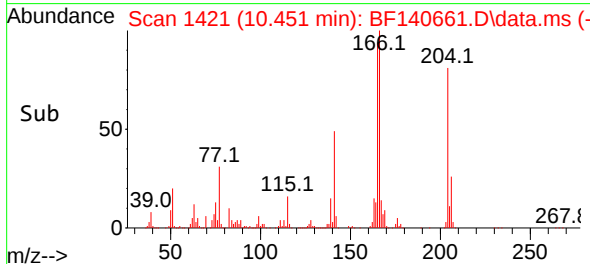
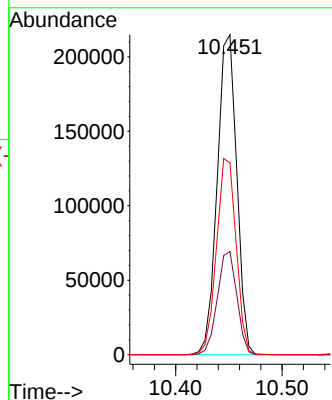
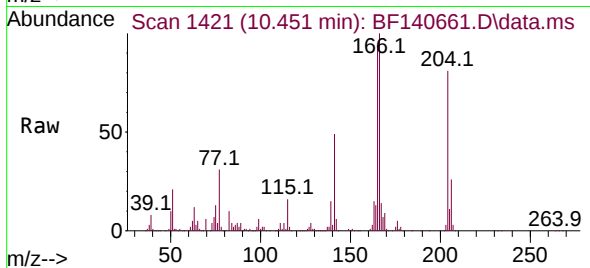
#61
4-Chlorophenyl-phenylether
Concen: 48.520 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:204 Resp: 273720
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 60.0 51.1 76.7

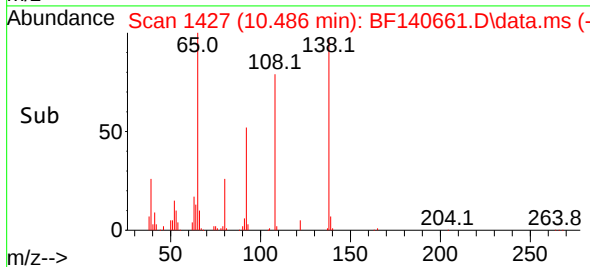
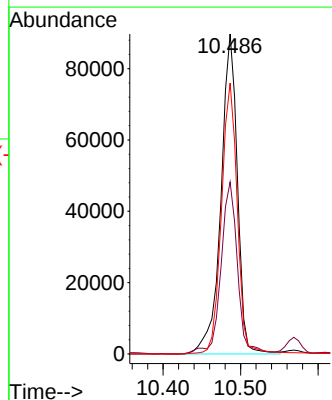
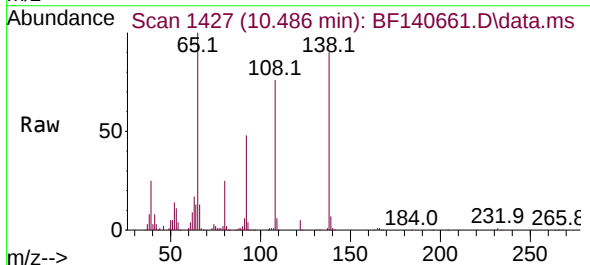
Manual Integrations
APPROVED

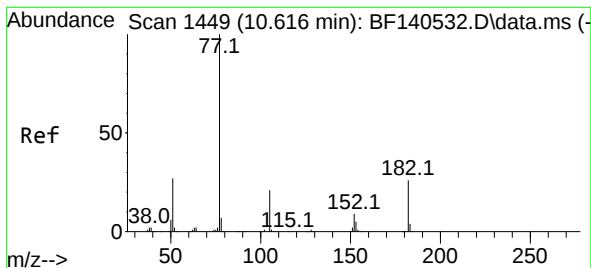
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 50.049 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:138 Resp: 132572
Ion Ratio Lower Upper
138 100
92 53.7 34.5 74.5
108 84.6 70.6 110.6





#63

Azobenzene

Concen: 49.532 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

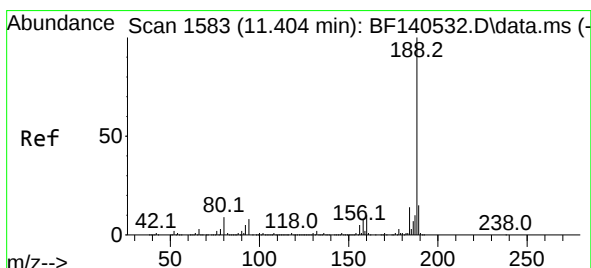
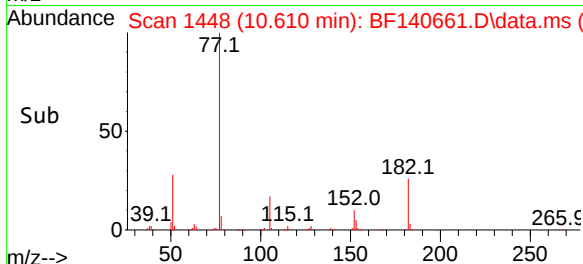
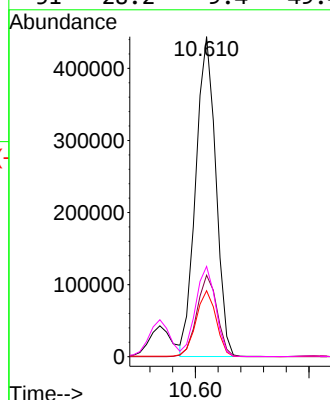
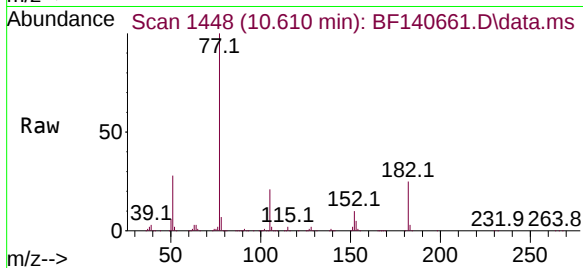
Tgt Ion: 77	Resp: 542620
Ion Ratio	Lower Upper
77 100	
182 25.4	5.3 45.3
105 20.6	0.3 40.3
51 28.2	9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

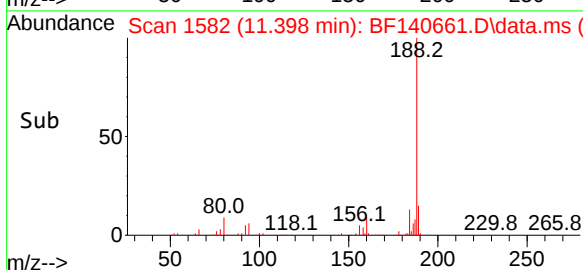
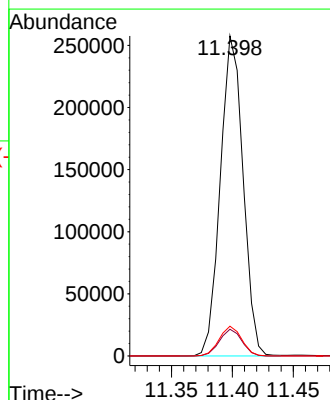
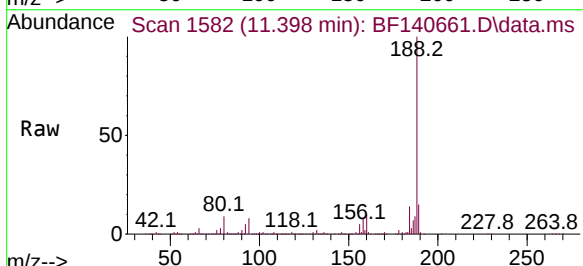
RT: 11.398 min Scan# 1582

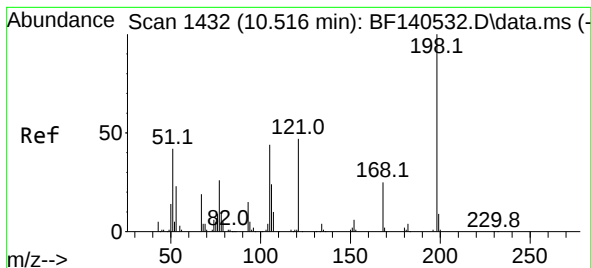
Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:188	Resp: 335256
Ion Ratio	Lower Upper
188 100	
94 8.3	6.4 9.6
80 9.3	6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.673 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

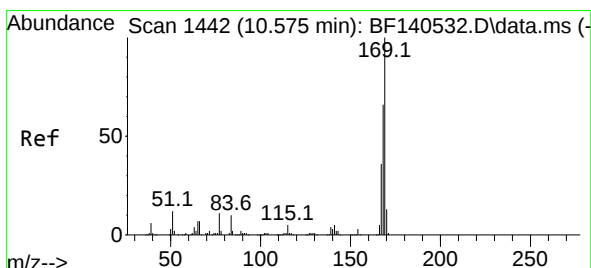
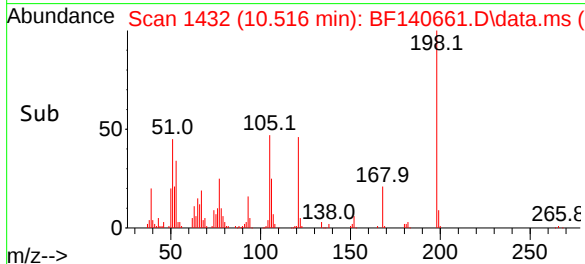
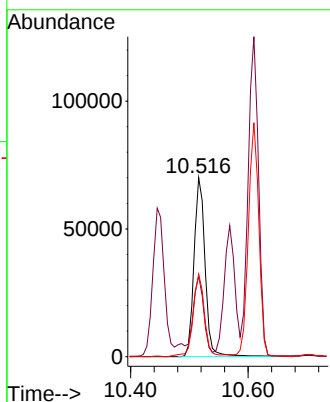
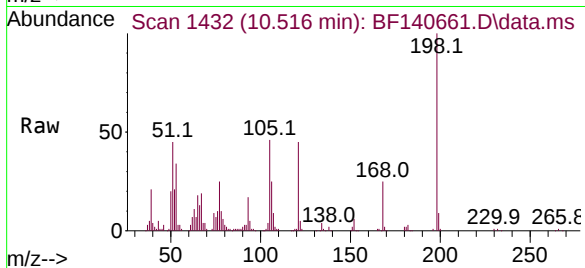
PB165269BS

Tgt Ion:198 Resp: 91952
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 46.2 25.4 65.4

Manual Integrations

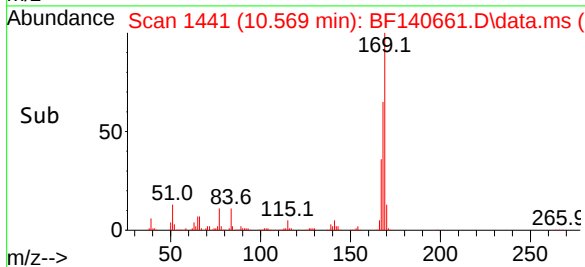
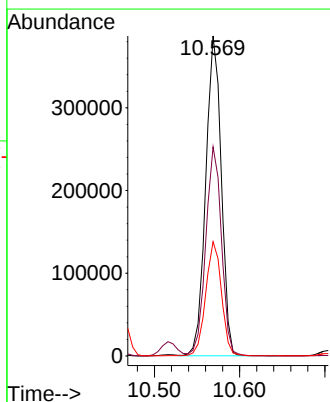
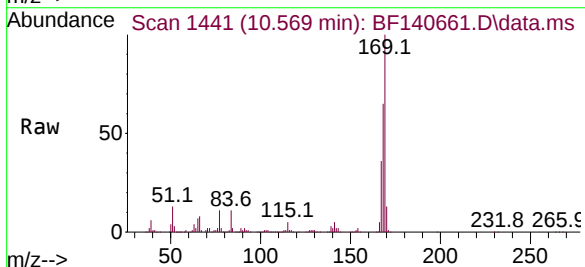
APPROVED

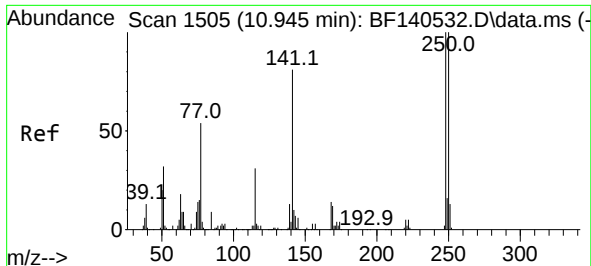
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 49.336 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:169 Resp: 489140
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.7 29.0 43.6





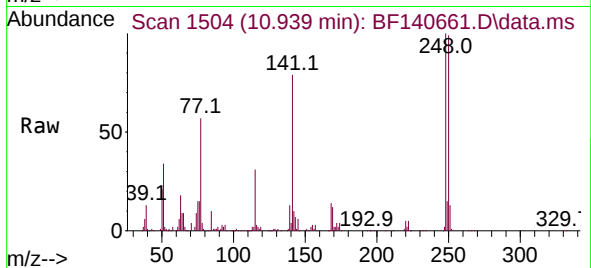
#67
4-Bromophenyl-phenylether
Concen: 47.163 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

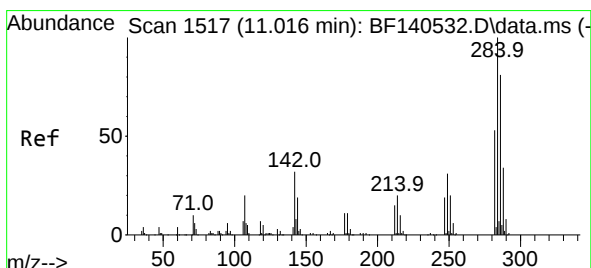
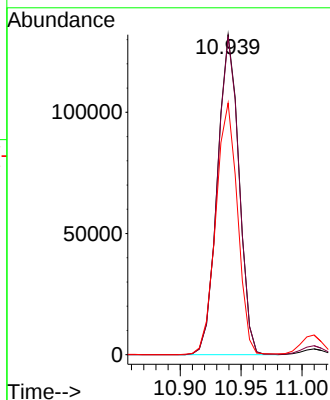
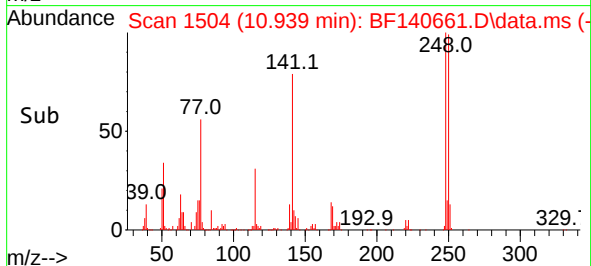
PB165269BS



Tgt Ion:248 Resp: 162830
Ion Ratio Lower Upper
248 100
250 99.2 79.8 119.8
141 78.7 64.7 97.1

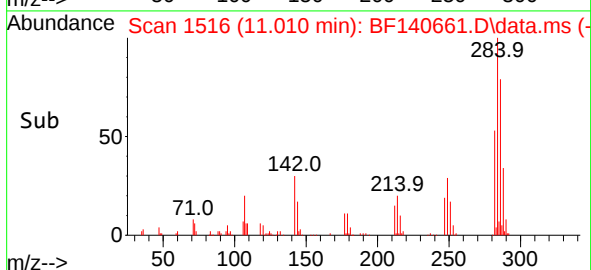
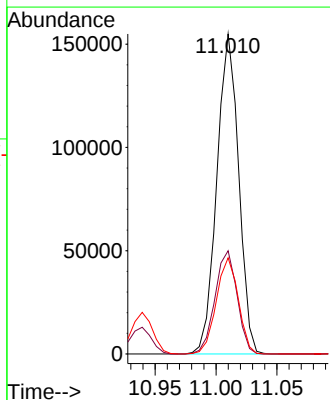
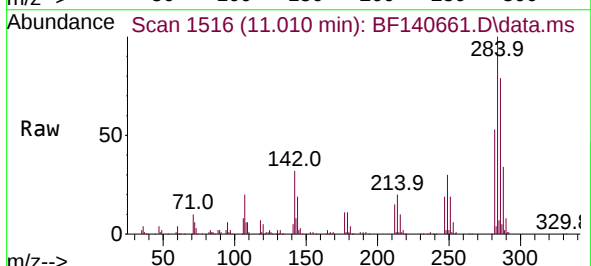
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 48.313 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:284 Resp: 193146
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.1 24.8 37.2





#69

Atrazine

Concen: 57.571 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

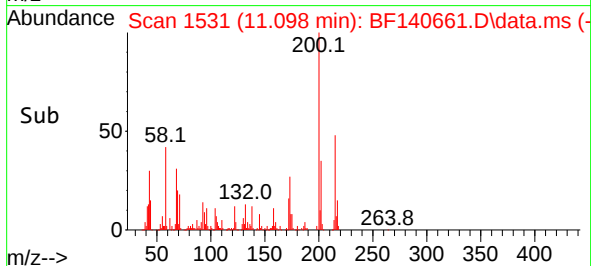
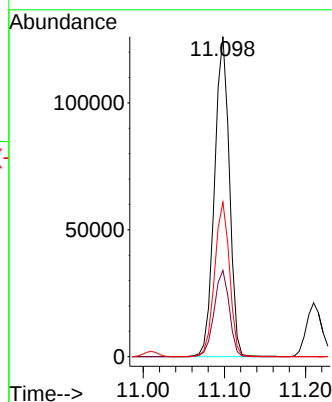
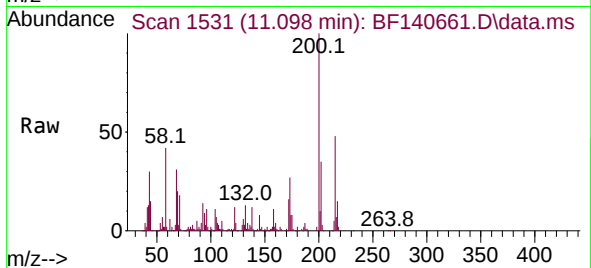
Tgt Ion:200 Resp: 160571
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.0 47.0
 215 48.2 26.7 66.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 94.719 ng

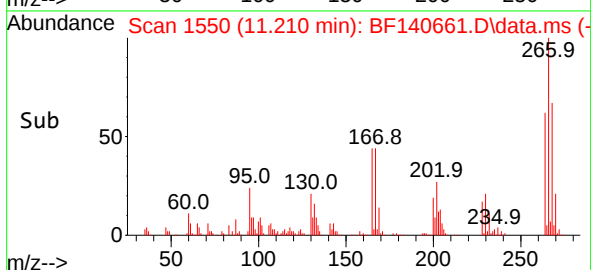
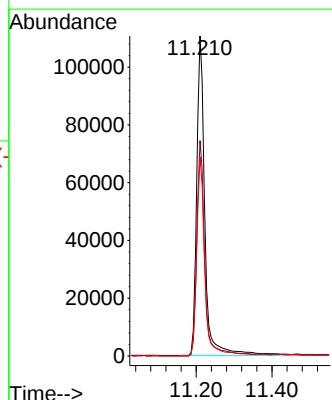
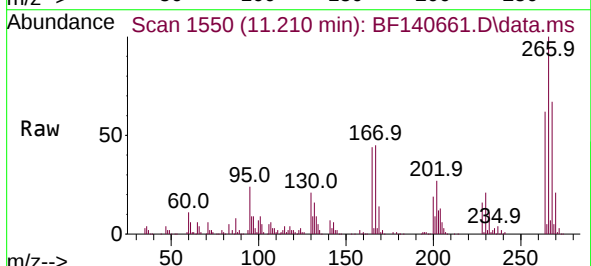
RT: 11.210 min Scan# 1550

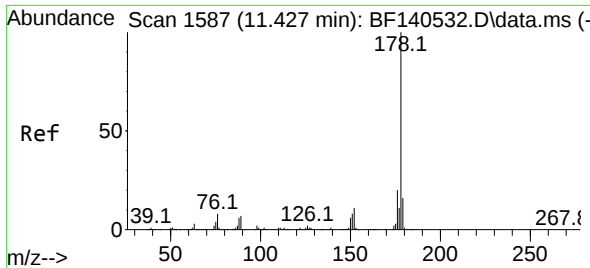
Delta R.T. -0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

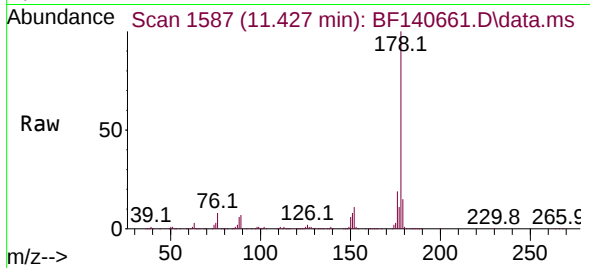
Tgt Ion:266 Resp: 166661
 Ion Ratio Lower Upper
 266 100
 268 67.3 53.7 80.5
 264 62.3 49.8 74.8





#71
Phenanthrene
Concen: 50.673 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

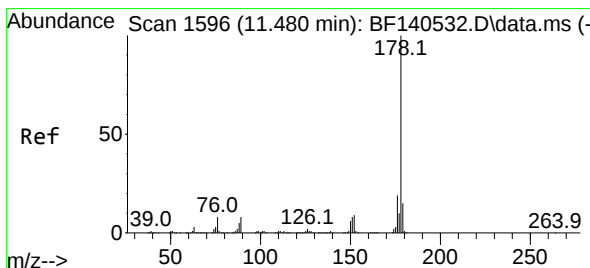
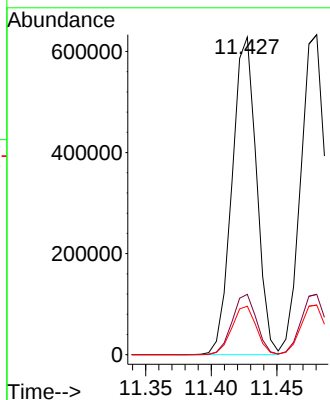
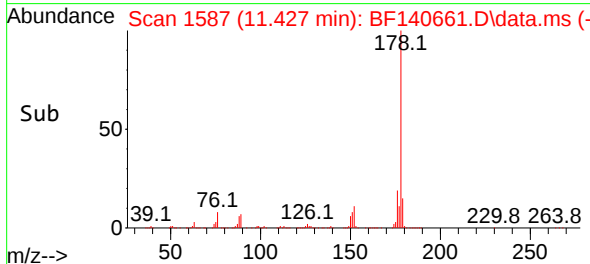
Instrument :
BNA_F
ClientSampleId :
PB165269BS



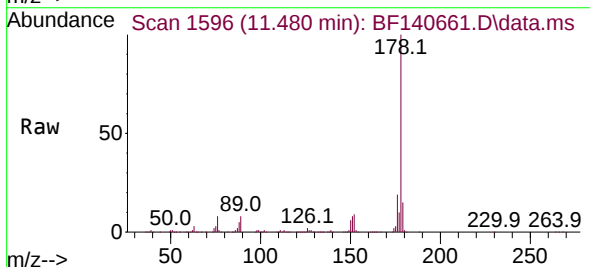
Tgt Ion:178 Resp: 81661
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.2 12.4 18.6

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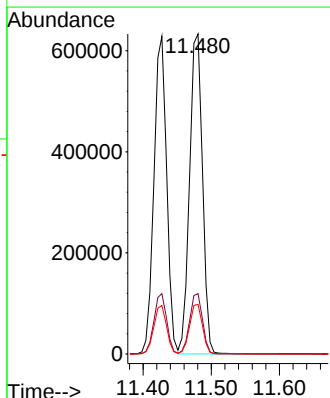
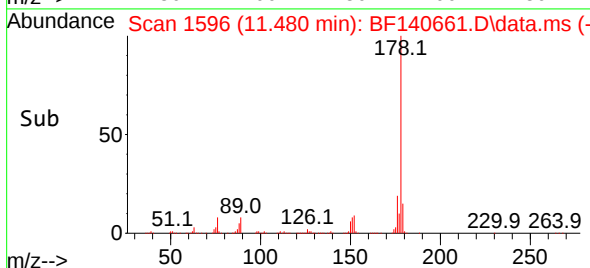
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

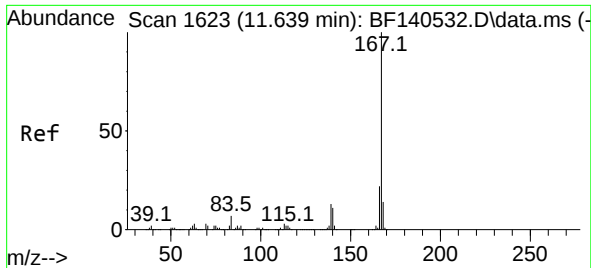


#72
Anthracene
Concen: 52.499 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:178 Resp: 827597
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





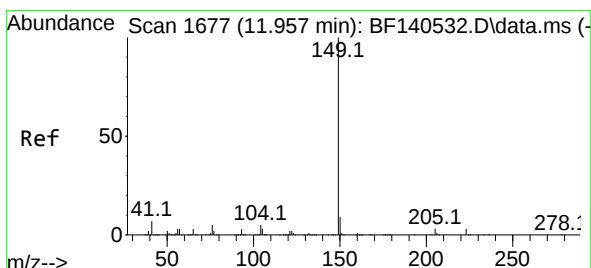
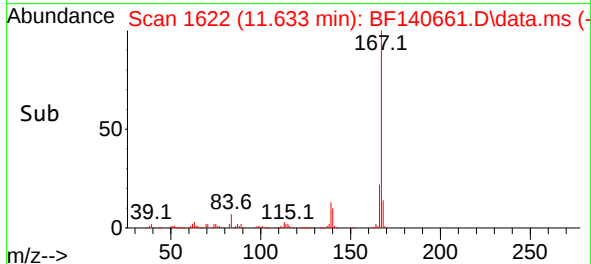
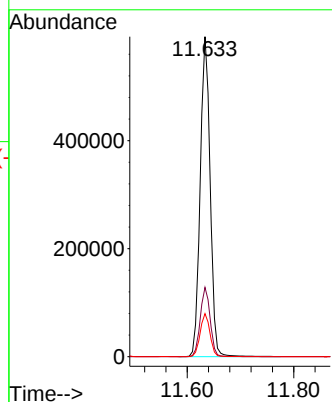
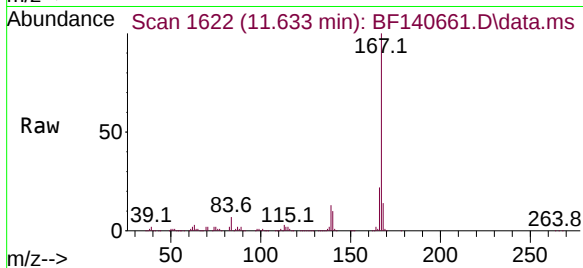
#73
Carbazole
Concen: 50.419 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:167 Resp: 76460
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 13.5 10.6 15.8

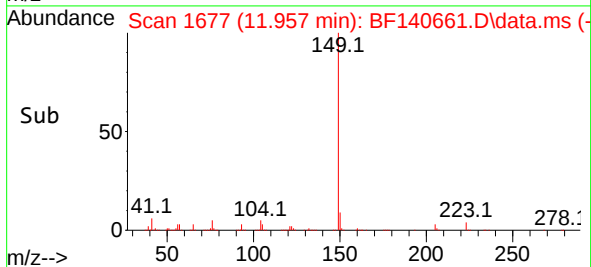
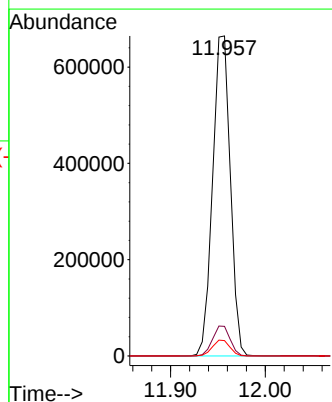
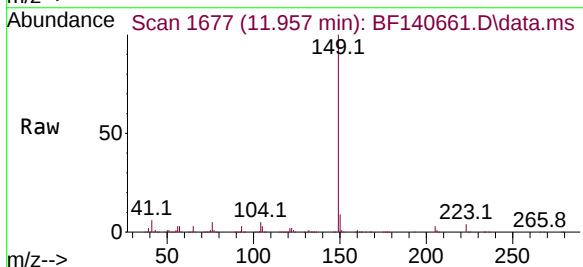
Manual Integrations
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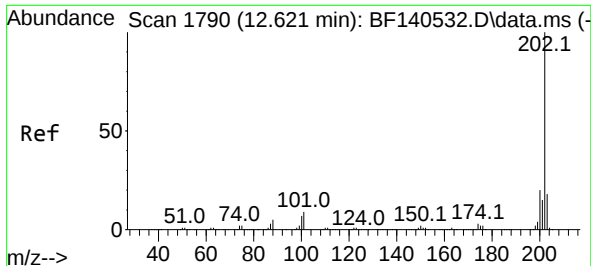
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#74
Di-n-butylphthalate
Concen: 49.439 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:149 Resp: 865576
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 51.580 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

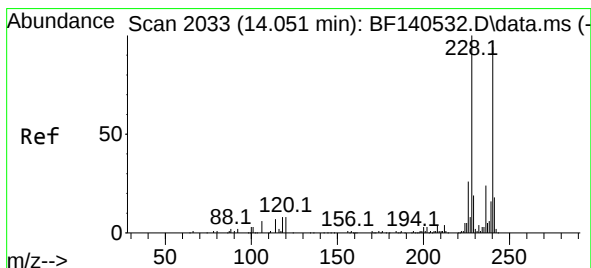
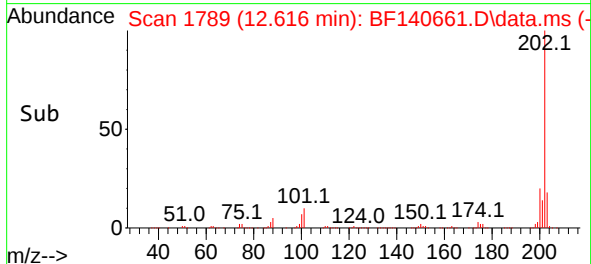
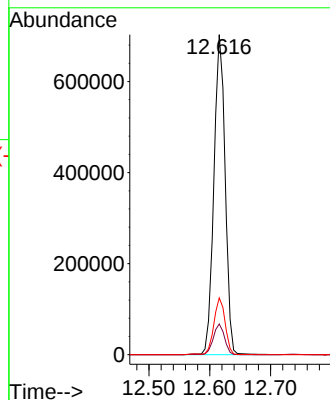
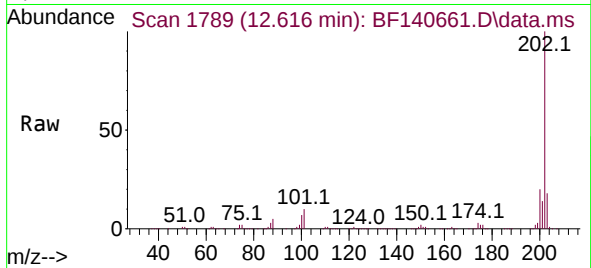
PB165269BS

Tgt Ion:202 Resp: 90250
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 17.8 0.0 37.6

Manual Integrations

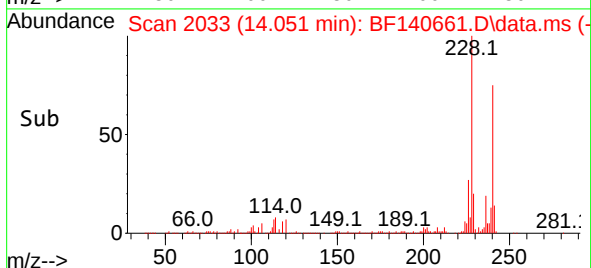
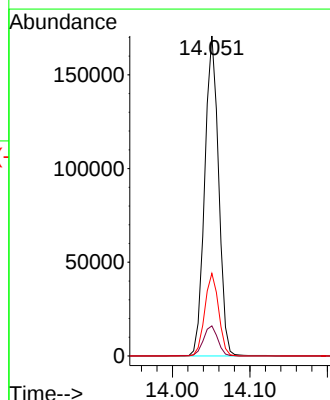
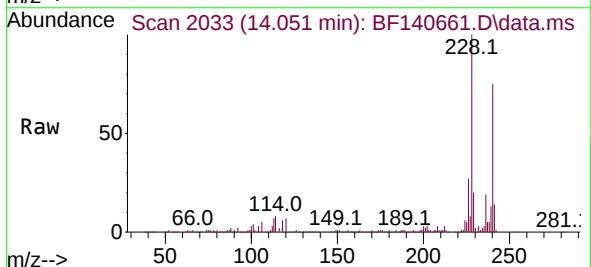
APPROVED

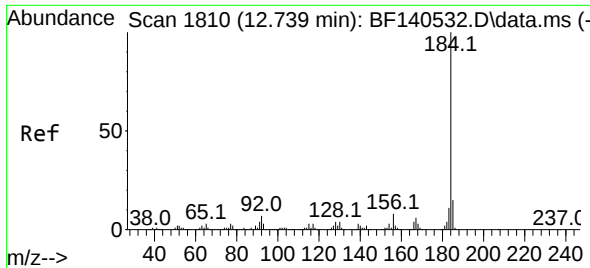
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

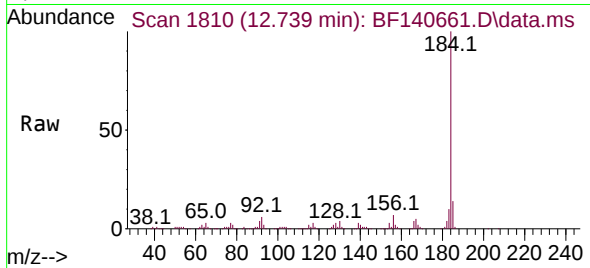
Tgt Ion:240 Resp: 212656
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.8 20.6 31.0





#77
Benzidine
Concen: 38.874 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

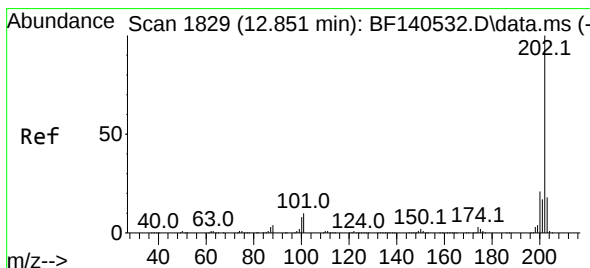
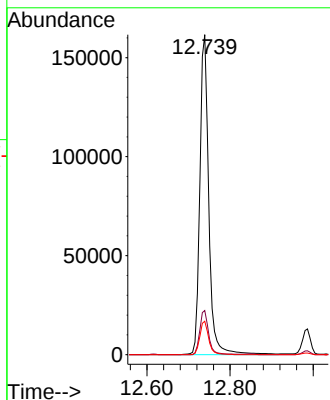
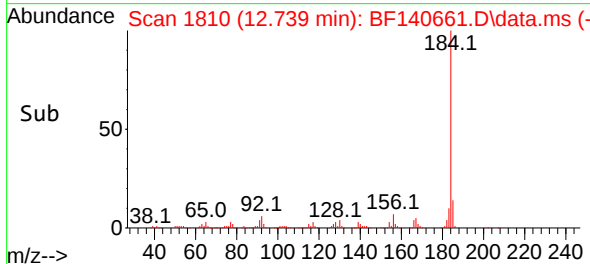
Instrument :
BNA_F
ClientSampleId :
PB165269BS



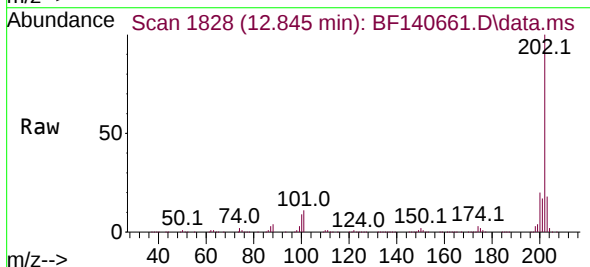
Tgt Ion:184 Resp: 240352
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 10.5 8.8 13.2

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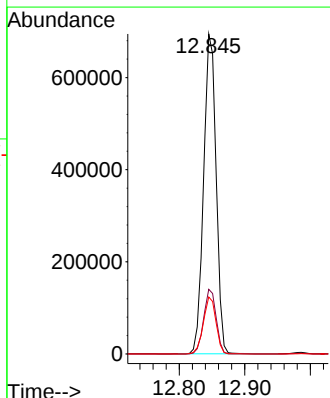
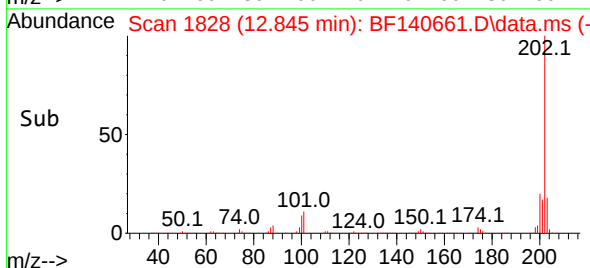
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

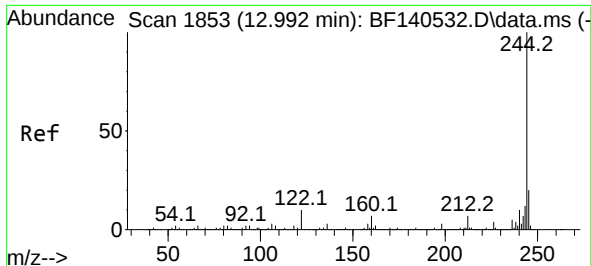


#78
Pyrene
Concen: 46.916 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



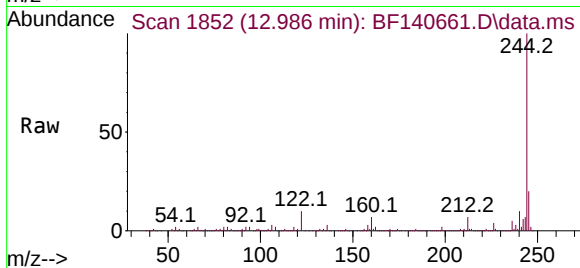
Tgt Ion:202 Resp: 922494
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4





#79
Terphenyl-d14
Concen: 89.397 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

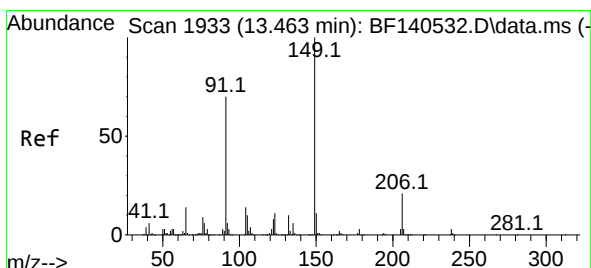
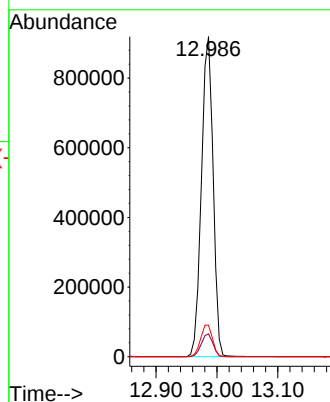
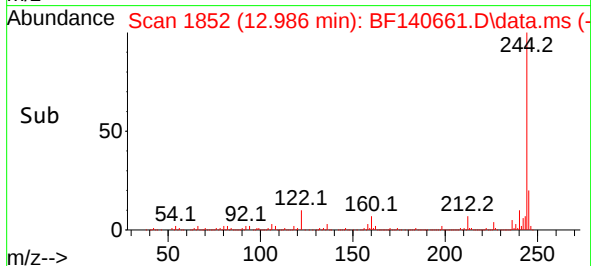
Instrument :
BNA_F
ClientSampleId :
PB165269BS



Tgt Ion:244 Resp: 122088
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.8 8.0 12.0

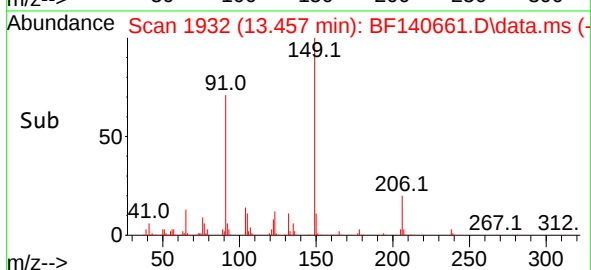
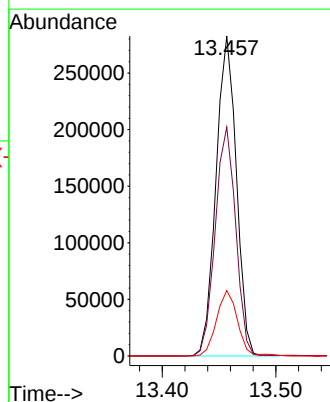
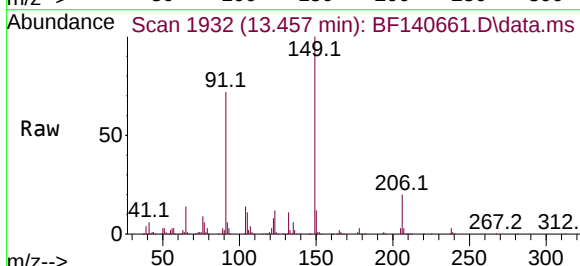
Manual Integrations
APPROVED

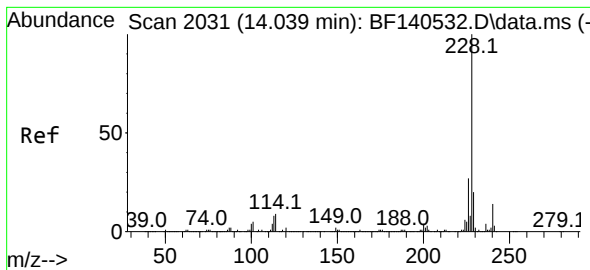
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#80
Butylbenzylphthalate
Concen: 49.861 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:149 Resp: 353177
Ion Ratio Lower Upper
149 100
91 71.5 56.2 84.2
206 20.4 16.4 24.6





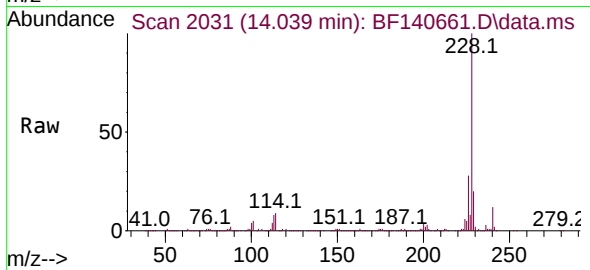
#81
Benzo(a)anthracene
Concen: 51.078 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS



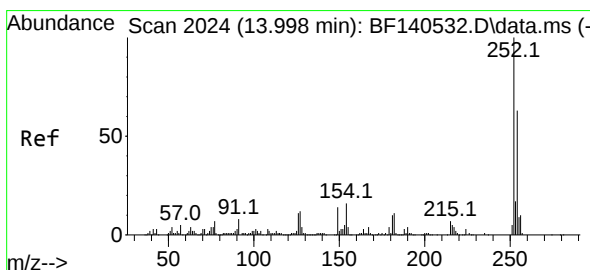
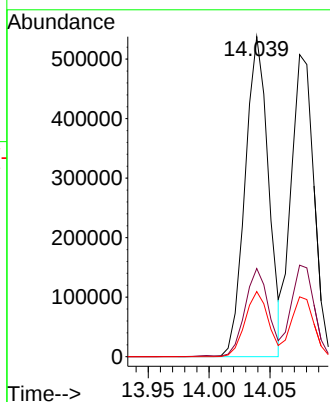
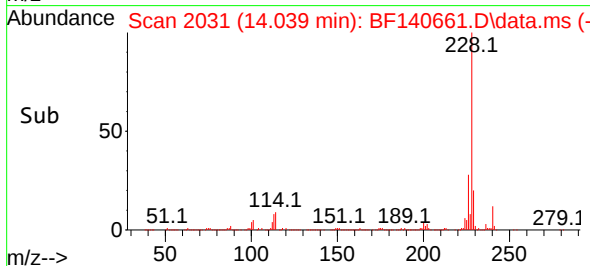
Tgt Ion:228 Resp: 719029
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.3 15.8 23.6

Manual Integrations

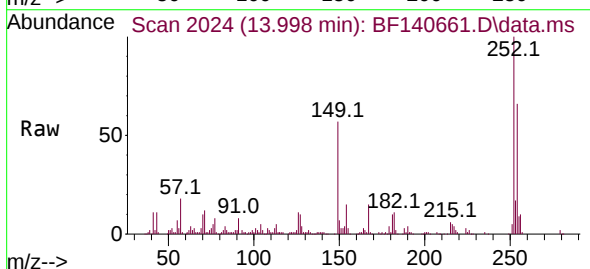
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

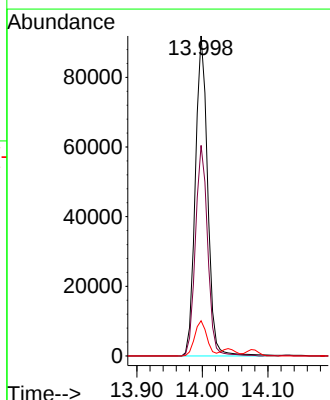
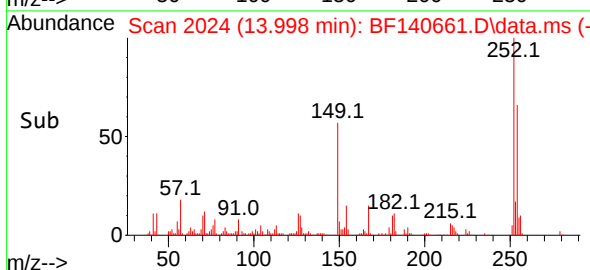
Supervised By :mohammad ahmed 11/29/2024



#82
3,3'-Dichlorobenzidine
Concen: 28.592 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22



Tgt Ion:252 Resp: 120844
Ion Ratio Lower Upper
252 100
254 65.8 50.8 76.2
126 11.0 8.6 13.0





#83

Chrysene

Concen: 51.489 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

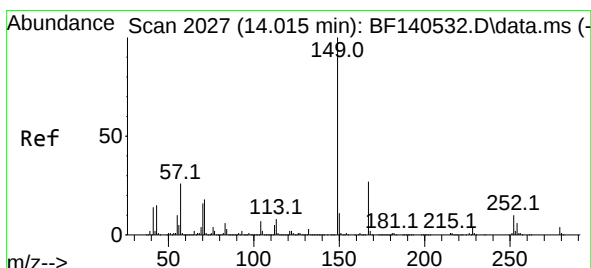
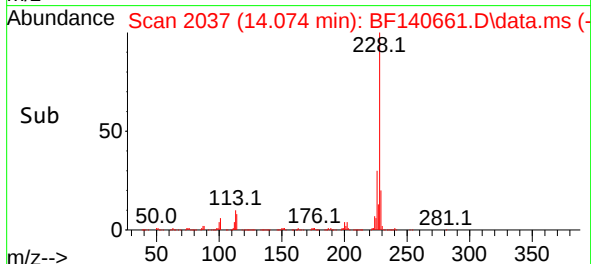
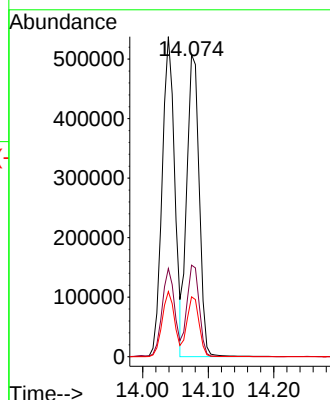
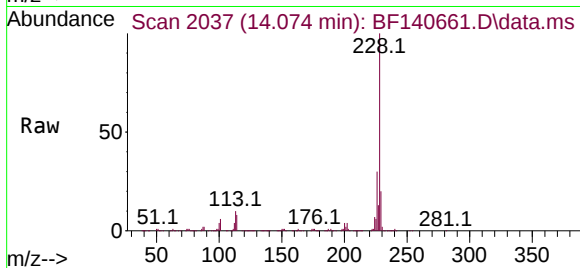
Tgt Ion:	228	Resp:	66276
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.443 ng

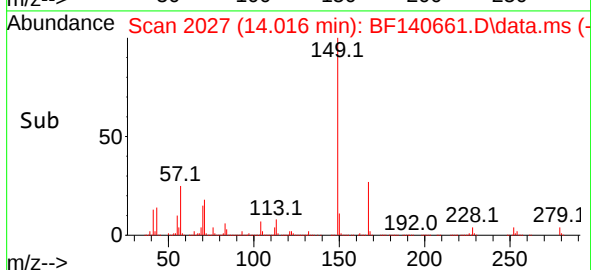
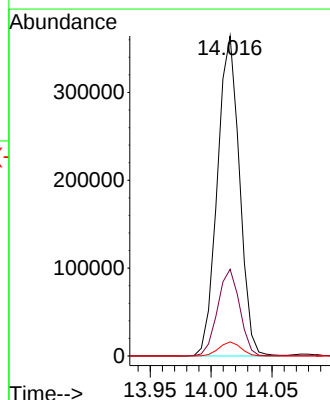
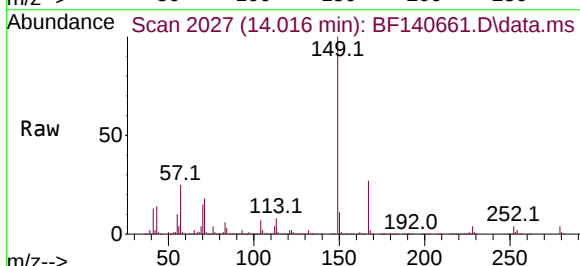
RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:	149	Resp:	460117
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.2	31.8
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 55.795 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion:149 Resp: 68200

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

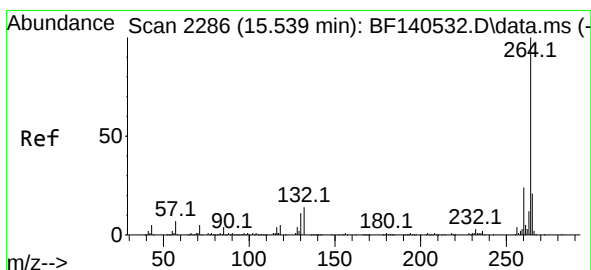
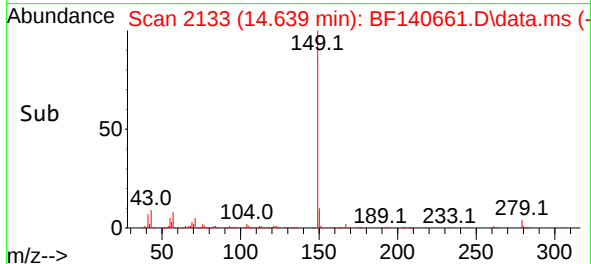
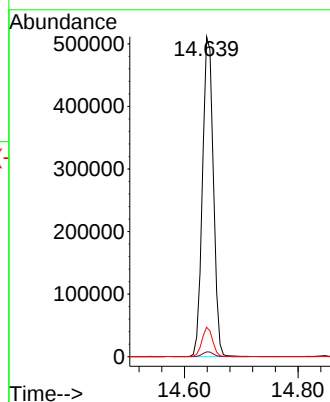
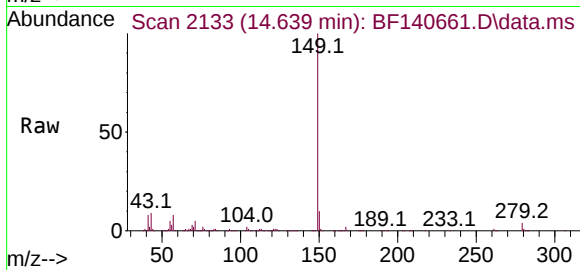
43 8.9 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

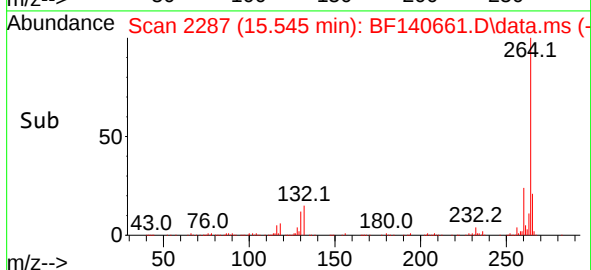
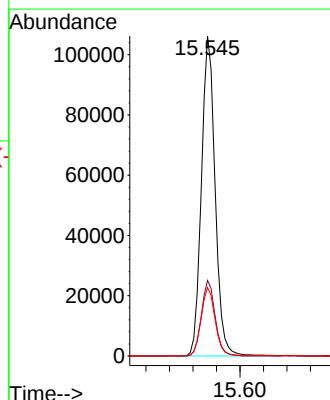
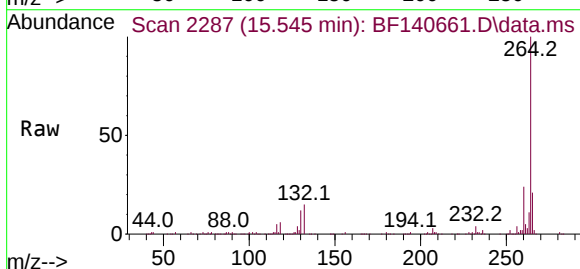
Tgt Ion:264 Resp: 172083

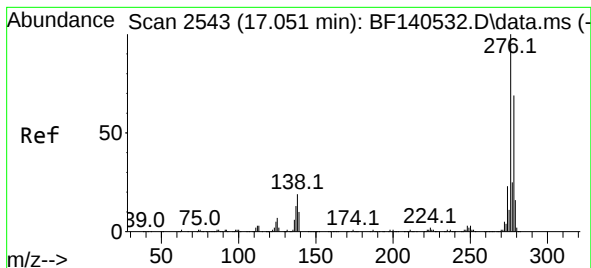
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.435 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion:276 Resp: 733818

Ion Ratio Lower Upper

276 100

138 23.3 15.5 23.3

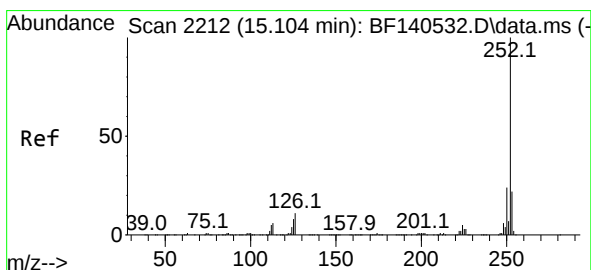
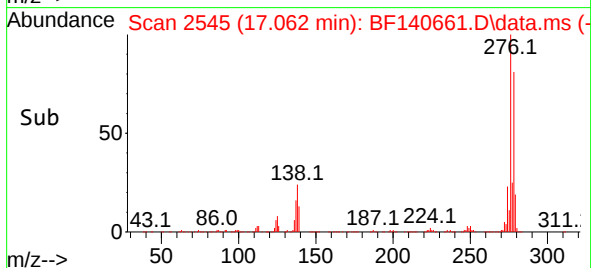
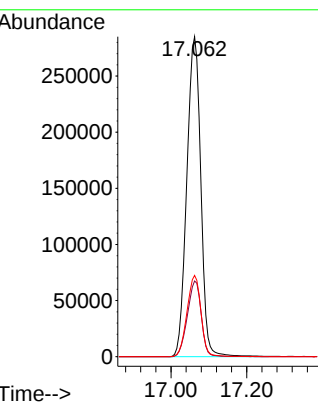
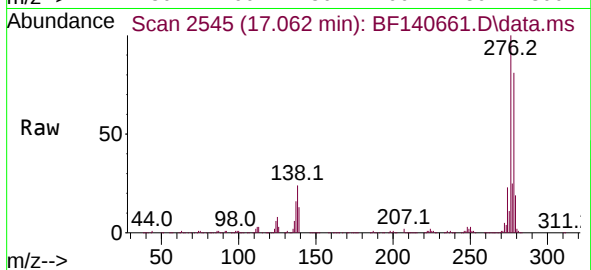
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#88

Benzo(b)fluoranthene

Concen: 54.641 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

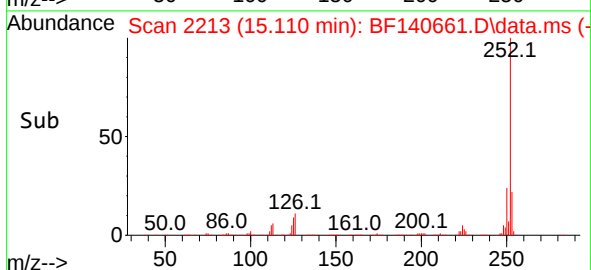
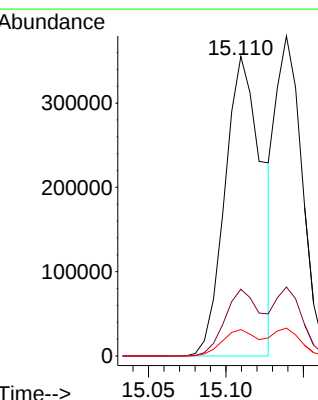
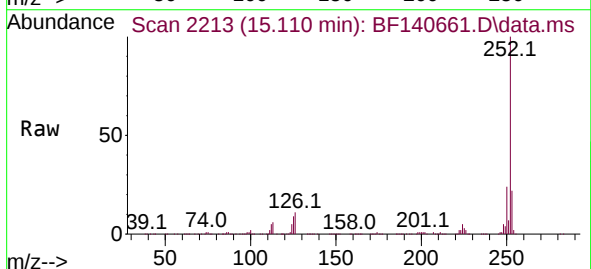
Tgt Ion:252 Resp: 590599

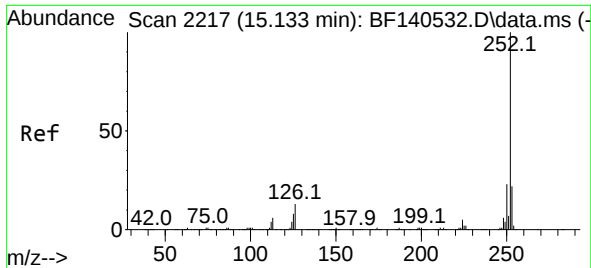
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 47.945 ng
RT: 15.139 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

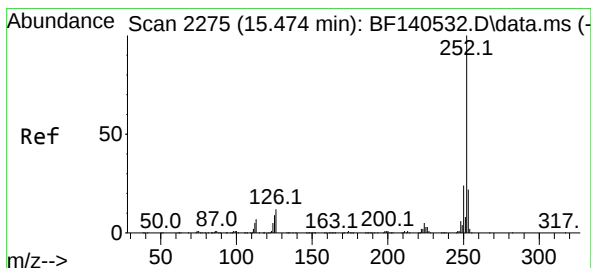
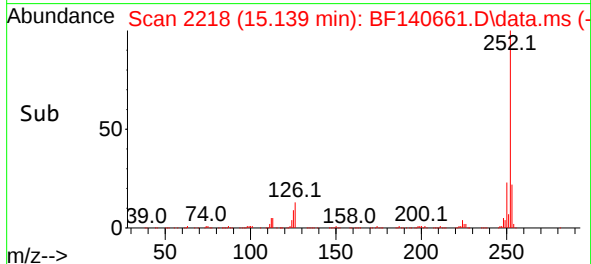
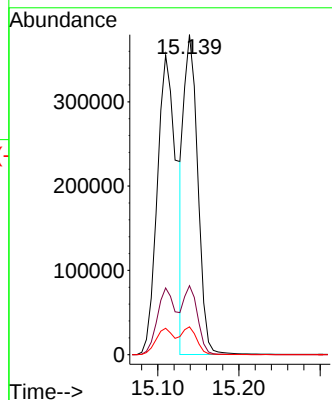
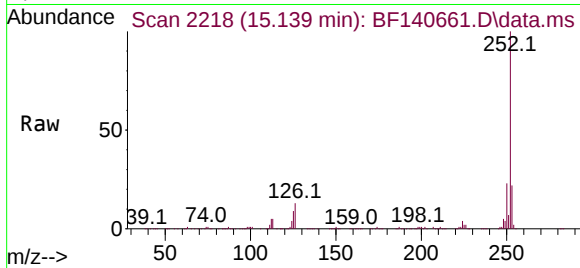
PB165269BS

Tgt Ion:252 Resp: 453498
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.7 6.5 9.7

Manual Integrations

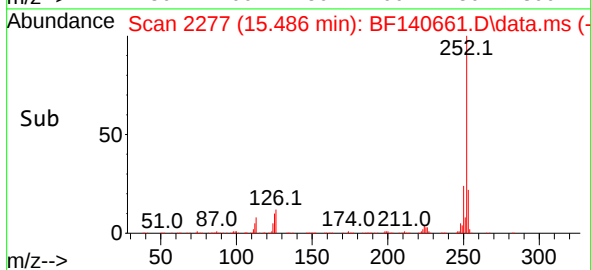
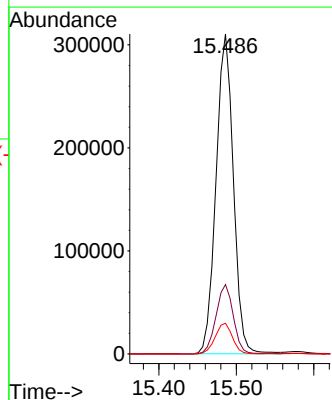
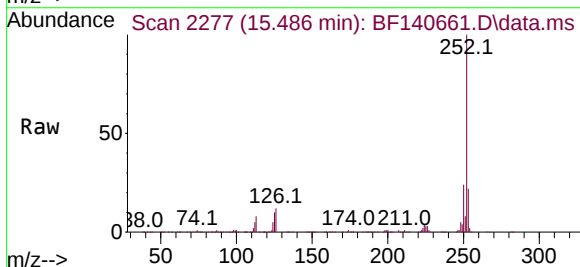
APPROVED

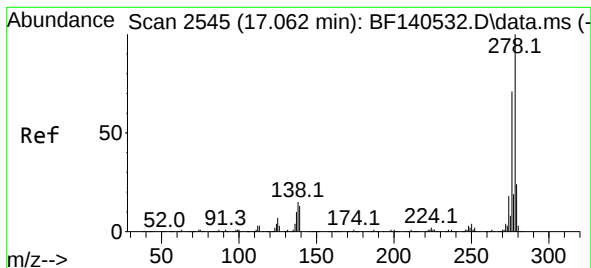
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 55.109 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:252 Resp: 484320
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.6 7.0 10.6





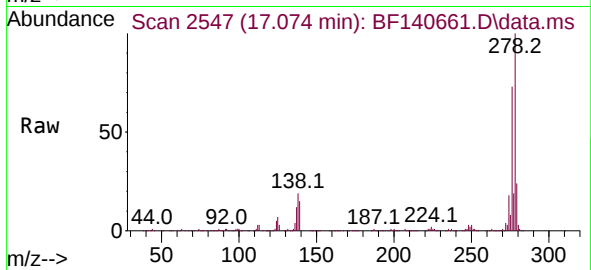
#91
Dibenzo(a,h)anthracene
Concen: 64.456 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS



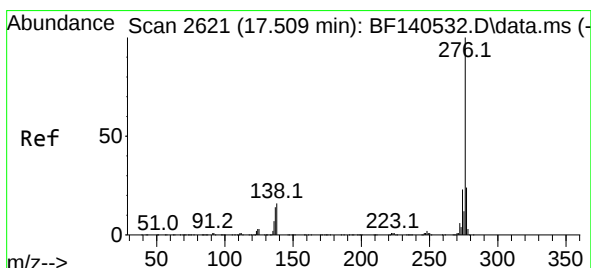
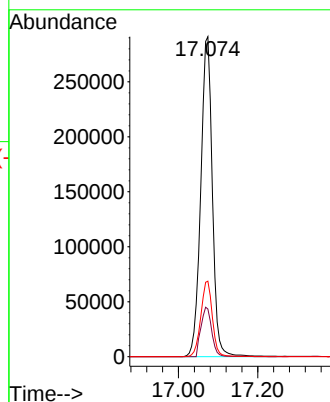
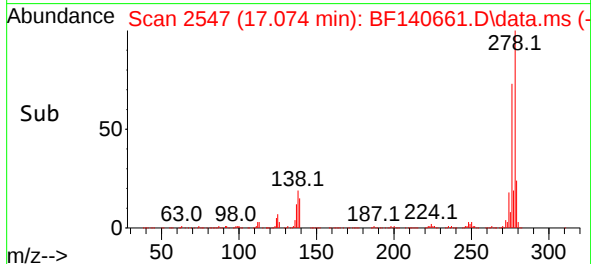
Tgt Ion:278 Resp: 591970
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.4
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 48.049 ng
RT: 17.515 min Scan# 2622
Delta R.T. 0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:276 Resp: 450316
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 18.7 13.2 19.8

