

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042445.D
 Acq On : 25 Oct 2023 19:40
 Operator : MA/JU
 Sample : 04920-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MSD

Quant Time: Oct 26 00:48:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	145224	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	584745	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	338964	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	720756	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	677612	20.000	ng	-0.01
86) Perylene-d12	24.033	264	740101	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	965798	93.991	ng	0.00
7) Phenol-d6	7.145	99	1250019	90.776	ng	0.00
23) Nitrobenzene-d5	9.192	82	852572	64.473	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	452757	121.591	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	1681227	66.791	ng	-0.01
79) Terphenyl-d14	19.998	244	2486104	65.068	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	174336	36.031	ng	97
3) Pyridine	3.805	79	448716	31.609	ng	97
4) n-Nitrosodimethylamine	3.734	42	253962	35.433	ng	90
6) Aniline	7.334	93	340069	19.397	ng	96
8) 2-Chlorophenol	7.545	128	470882	46.183	ng	96
9) Benzaldehyde	7.151	77	178419	22.246	ng	99
10) Phenol	7.175	94	615408	43.251	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	488625	41.827	ng	96
12) 1,3-Dichlorobenzene	7.869	146	507223	48.096	ng	98
13) 1,4-Dichlorobenzene	8.028	146	519831	48.968	ng	98
14) 1,2-Dichlorobenzene	8.339	146	501497	49.198	ng	98
15) Benzyl Alcohol	8.251	79	447649	43.853	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	762914m	41.273	ng	
17) 2-Methylphenol	8.434	107	400719	42.678	ng	99
18) Hexachloroethane	9.057	117	201780	49.374	ng	# 90
19) n-Nitroso-di-n-propyla...	8.810	70	399351	42.788	ng	97
20) 3+4-Methylphenols	8.769	107	541964	43.034	ng	96
22) Acetophenone	8.839	105	725048	45.450	ng	97
24) Nitrobenzene	9.234	77	582135	44.002	ng	98
25) Isophorone	9.745	82	1049136	46.685	ng	98
26) 2-Nitrophenol	9.934	139	254155	49.807	ng	96
27) 2,4-Dimethylphenol	9.975	122	383893	42.114	ng	99
28) bis(2-Chloroethoxy)met...	10.228	93	643753	45.214	ng	100
29) 2,4-Dichlorophenol	10.457	162	447757	56.484	ng	95
30) 1,2,4-Trichlorobenzene	10.663	180	474768	55.867	ng	98
31) Naphthalene	10.869	128	1474801	49.103	ng	100
32) Benzoic acid	10.116	122	361530	53.535	ng	96
33) 4-Chloroaniline	11.004	127	170013	13.038	ng	98
34) Hexachlorobutadiene	11.092	225	287537	62.527	ng	98
35) Caprolactam	11.828	113	149602	47.599	ng	92
36) 4-Chloro-3-methylphenol	12.098	107	482272	50.415	ng	97
37) 2-Methylnaphthalene	12.469	142	976601	48.302	ng	99
38) 1-Methylnaphthalene	12.686	142	948919	50.098	ng	98
40) 1,2,4,5-Tetrachloroben...	12.816	216	530334	54.119	ng	98
41) Hexachlorocyclopentadiene	12.763	237	385282	72.942	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	352949	55.639	ng	99

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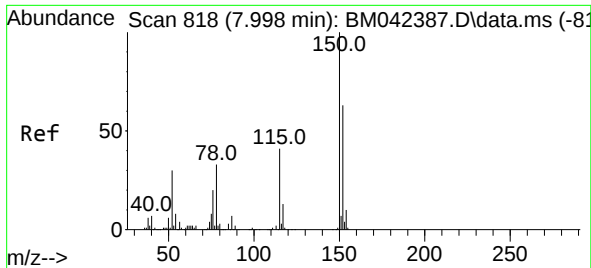
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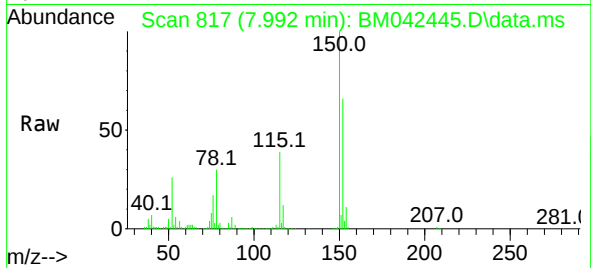
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	380091	50.687	ng	94
46) 1,1'-Biphenyl	13.474	154	1284896	47.783	ng	98
47) 2-Chloronaphthalene	13.522	162	969454	49.141	ng	99
48) 2-Nitroaniline	13.757	65	342954	40.003	ng	91
49) Acenaphthylene	14.369	152	1599305	50.214	ng	100
50) Dimethylphthalate	14.104	163	1178289	47.391	ng	99
51) 2,6-Dinitrotoluene	14.245	165	255160	45.605	ng	86
52) Acenaphthene	14.704	154	917407	47.644	ng	99
53) 3-Nitroaniline	14.580	138	193489	30.355	ng	98
54) 2,4-Dinitrophenol	14.786	184	213902	63.399	ng	91
55) Dibenzofuran	15.039	168	1470764	48.292	ng	98
56) 4-Nitrophenol	14.874	139	496609	98.070	ng	93
57) 2,4-Dinitrotoluene	15.027	165	348497	46.548	ng	85
58) Fluorene	15.686	166	1175557	48.915	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	331942	58.924	ng	90
60) Diethylphthalate	15.445	149	1181049	48.136	ng	98
61) 4-Chlorophenyl-phenyle...	15.674	204	603046	53.282	ng	92
62) 4-Nitroaniline	15.745	138	257608	40.937	ng	96
63) Azobenzene	15.968	77	1298285	44.104	ng	94
65) 4,6-Dinitro-2-methylph...	15.774	198	140471	32.729	ng	83
66) n-Nitrosodiphenylamine	15.898	169	1011672	46.601	ng	98
67) 4-Bromophenyl-phenylether	16.568	248	342311	51.244	ng	97
68) Hexachlorobenzene	16.657	284	419398	58.736	ng	# 90
69) Atrazine	16.845	200	371034	67.397	ng	99
70) Pentachlorophenol	17.015	266	596929	98.633	ng	99
71) Phenanthrene	17.433	178	1869687	47.685	ng	100
72) Anthracene	17.521	178	1879438	48.399	ng	99
73) Carbazole	17.809	167	1741824	47.814	ng	99
74) Di-n-butylphthalate	18.327	149	2195686	47.621	ng	99
75) Fluoranthene	19.439	202	2251995	52.150	ng	98
77) Benzidine	19.651	184	816847	83.342	ng	98
78) Pyrene	19.809	202	2363947	49.924	ng	100
80) Butylbenzylphthalate	20.686	149	1051391	48.917	ng	92
81) Benzo(a)anthracene	21.550	228	2250272	49.537	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	711073	52.437	ng	# 98
83) Chrysene	21.609	228	2044764	46.866	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1536115	50.177	ng	# 95
85) Di-n-octyl phthalate	22.374	149	2690183	50.876	ng	95
87) Indeno(1,2,3-cd)pyrene	26.615	276	2423722	44.812	ng	# 93
88) Benzo(b)fluoranthene	23.274	252	2205967m	49.518	ng	
89) Benzo(k)fluoranthene	23.321	252	2010877	43.477	ng	# 97
90) Benzo(a)pyrene	23.921	252	1888849	44.051	ng	97
91) Dibenzo(a,h)anthracene	26.638	278	2025710	45.047	ng	# 96
92) Benzo(g,h,i)perylene	27.426	276	1930492	44.205	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

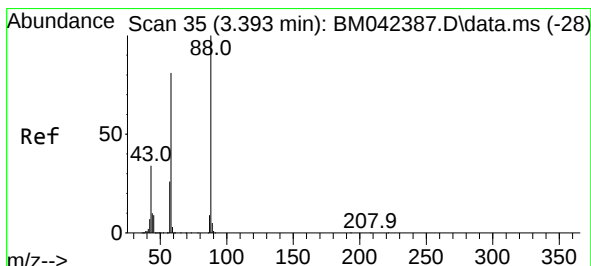
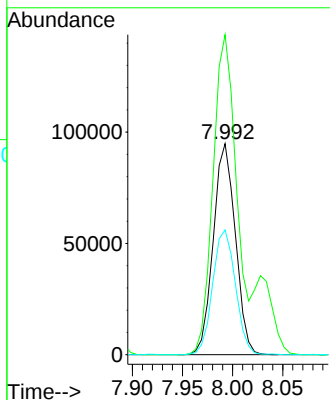
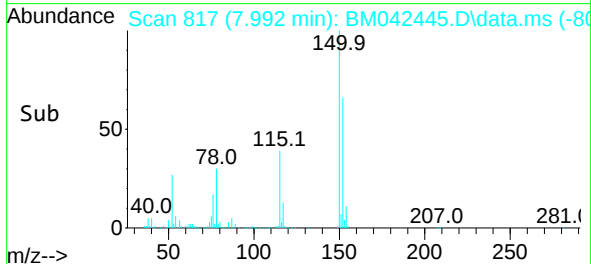
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:152 Resp: 145224
Ion Ratio Lower Upper
152 100
150 151.6 126.2 189.4
115 59.1 51.9 77.9

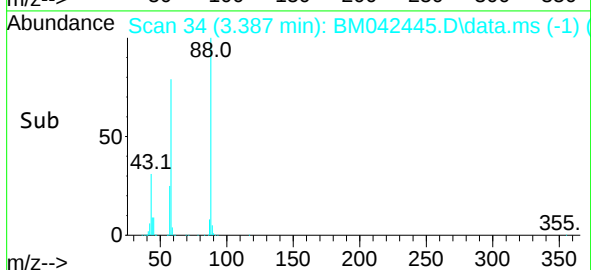
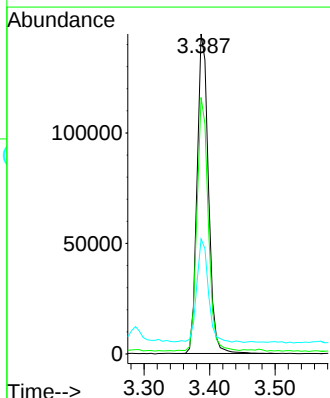
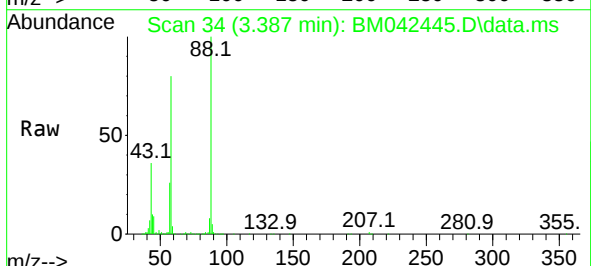
Manual Integrations
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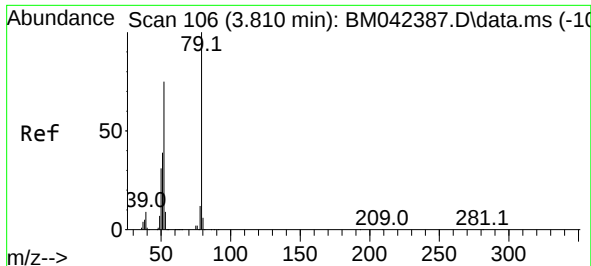
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#2
1,4-Dioxane
Concen: 36.031 ng
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

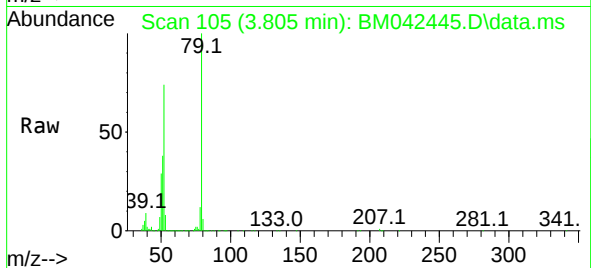
Tgt Ion: 88 Resp: 174336
Ion Ratio Lower Upper
88 100
58 78.4 64.9 97.3
43 32.5 27.8 41.8





#3
Pyridine
Concen: 31.609 ng
RT: 3.805 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

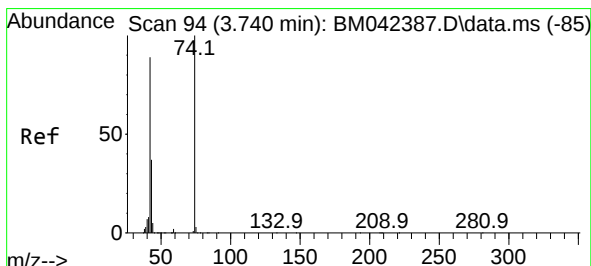
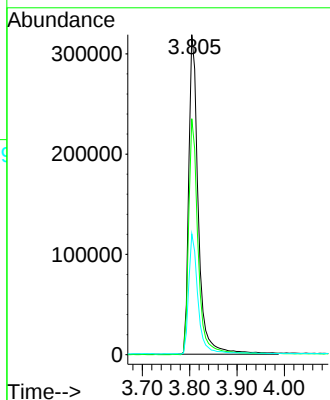
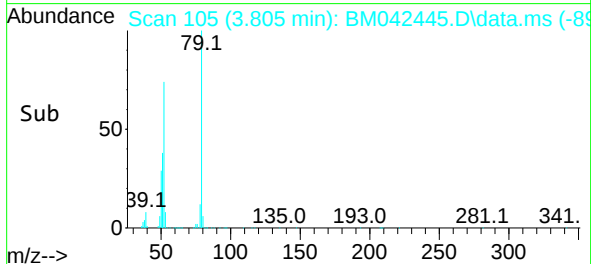
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Tgt Ion: 79 Resp: 448710
Ion Ratio Lower Upper
79 100
52 73.7 60.3 90.5
51 37.8 32.0 48.0

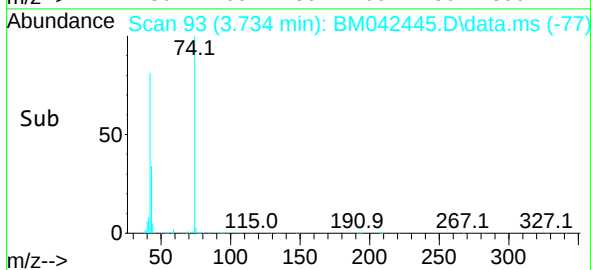
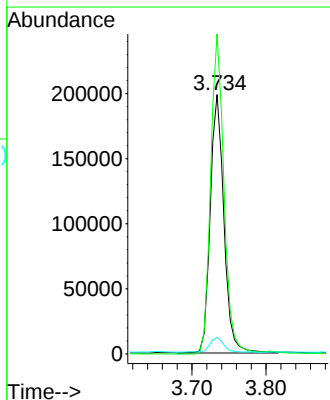
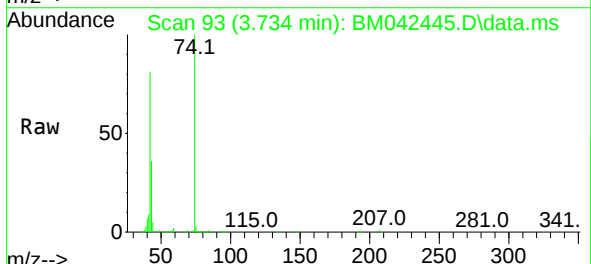
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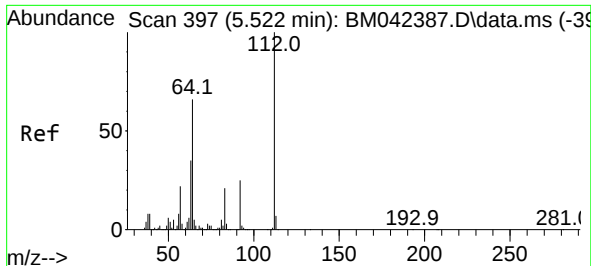
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 35.433 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion: 42 Resp: 253962
Ion Ratio Lower Upper
42 100
74 123.4 89.4 134.2
44 6.3 5.4 8.0





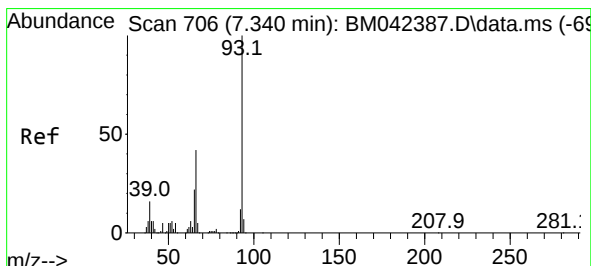
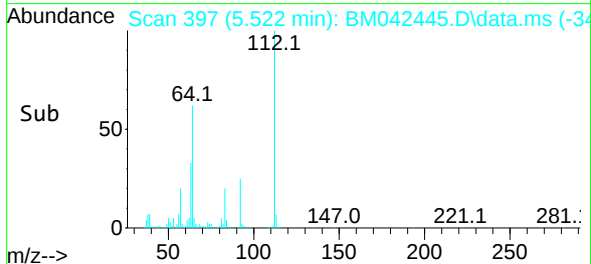
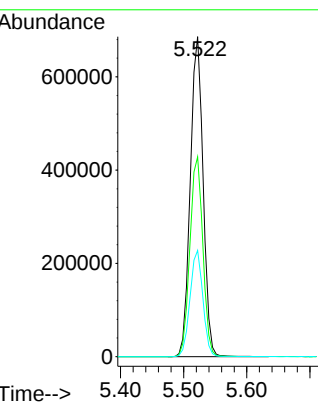
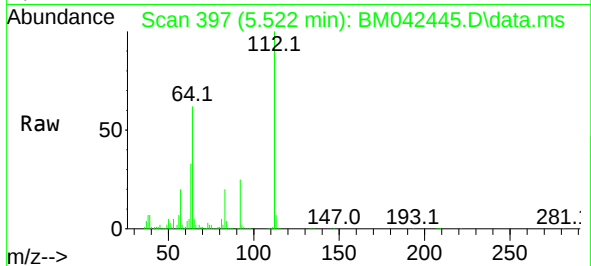
#5
2-Fluorophenol
Concen: 93.991 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

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Tgt Ion:112 Resp: 965798
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.2 28.3 42.5

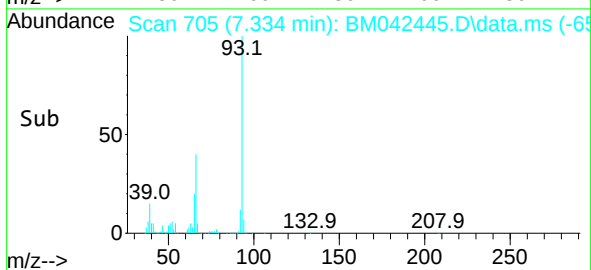
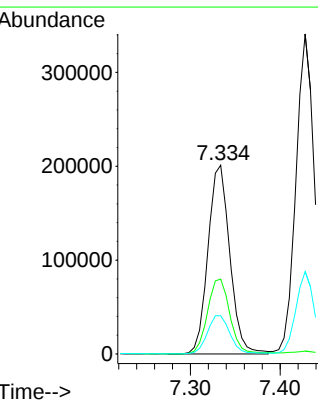
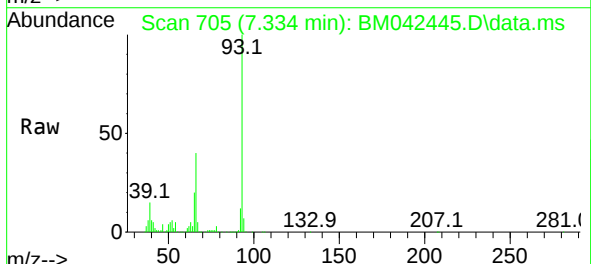
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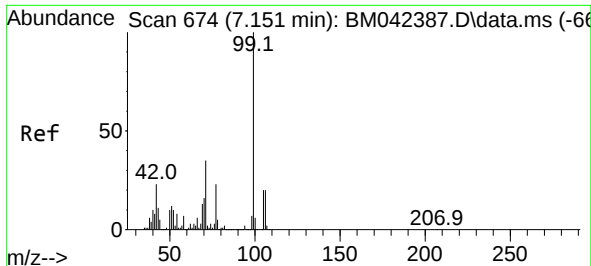
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 19.397 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

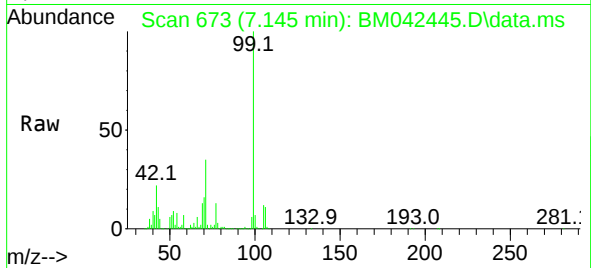
Tgt Ion: 93 Resp: 340069
Ion Ratio Lower Upper
93 100
66 39.7 33.8 50.8
65 20.2 17.4 26.2





#7
Phenol-d6
Concen: 90.776 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

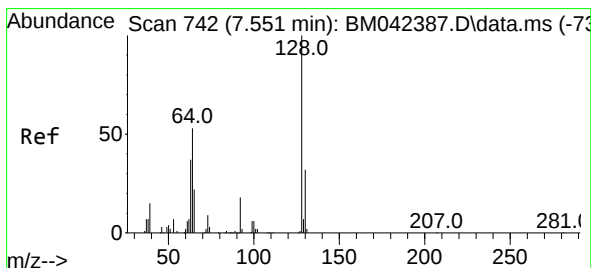
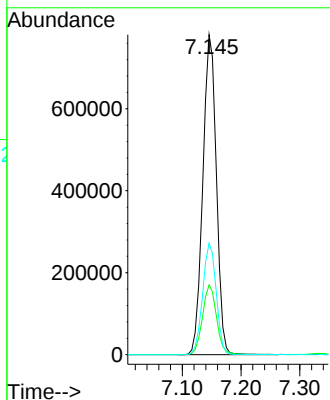
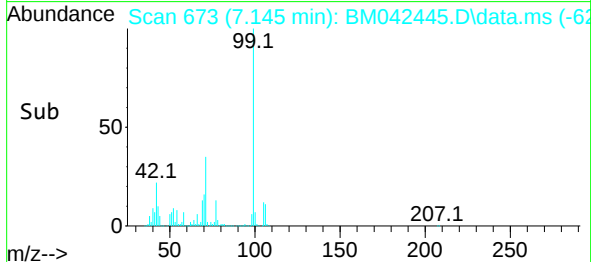
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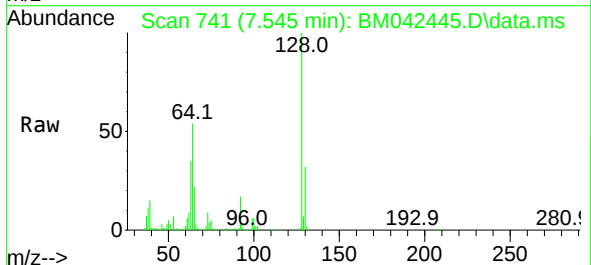
Tgt Ion: 99 Resp: 1250019
Ion Ratio Lower Upper
99 100
42 21.8 18.5 27.7
71 34.8 27.7 41.5

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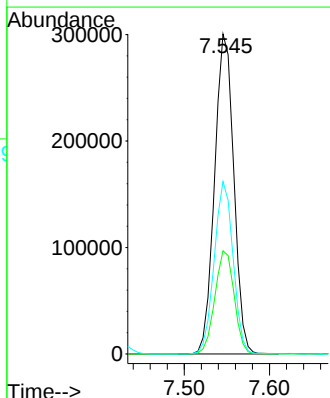
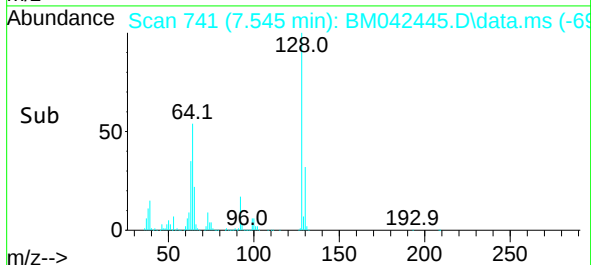
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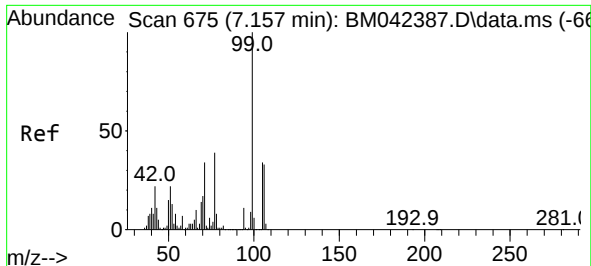


#8
2-Chlorophenol
Concen: 46.183 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



Tgt Ion:128 Resp: 470882
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 53.9 38.2 78.2





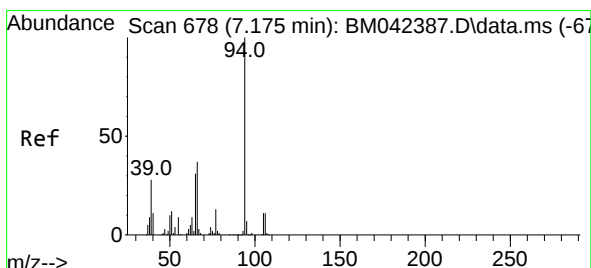
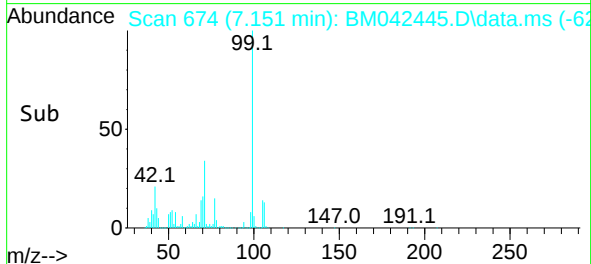
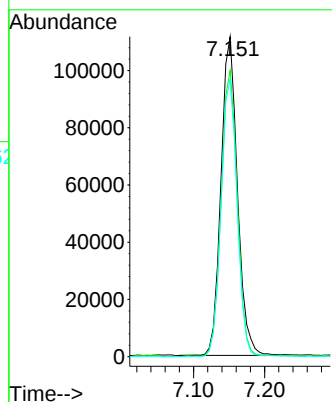
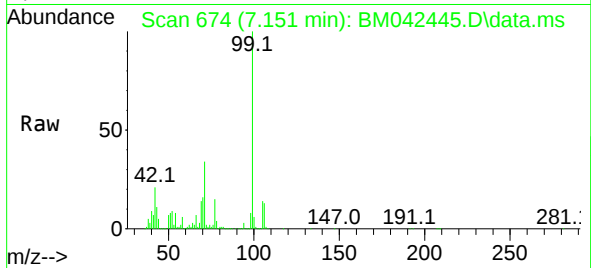
#9
Benzaldehyde
Concen: 22.246 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

Tgt Ion: 77 Resp: 178419
Ion Ratio Lower Upper
77 100
105 89.4 68.7 108.7
106 86.6 65.8 105.8

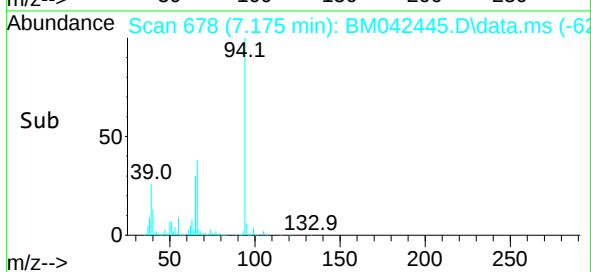
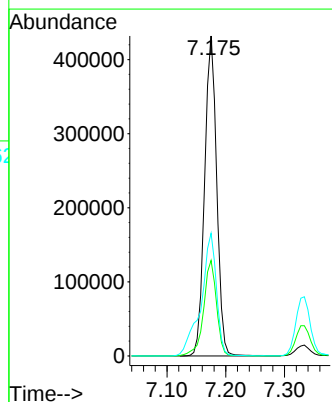
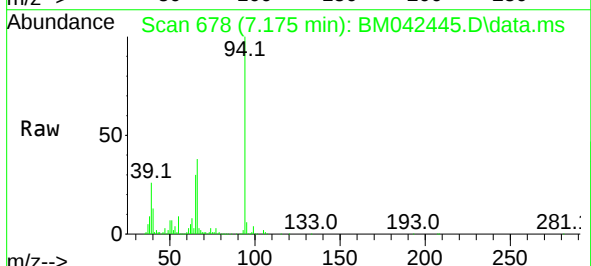
Manual Integrations
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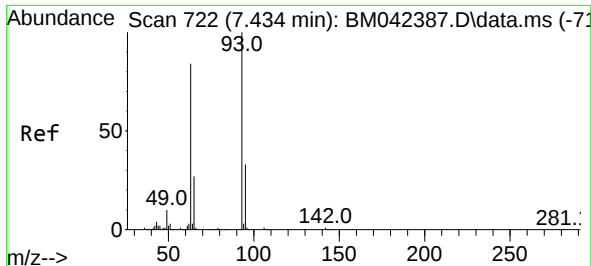
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Supervised By :mohammad ahmed 10/26/2023



#10
Phenol
Concen: 43.251 ng
RT: 7.175 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion: 94 Resp: 615408
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.4 18.2 58.2





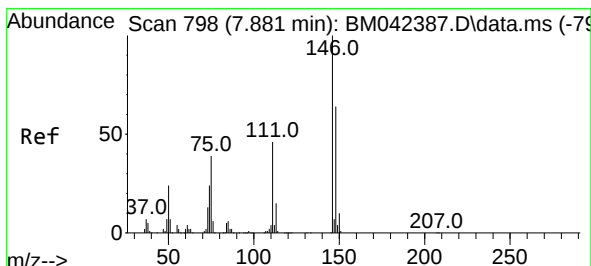
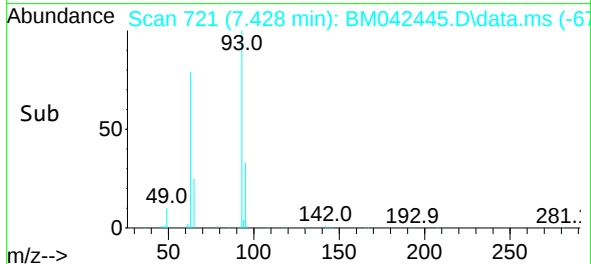
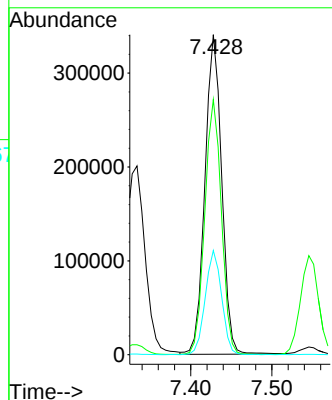
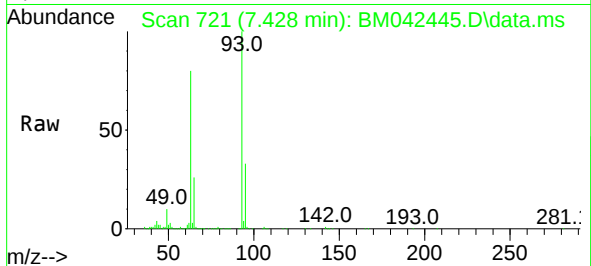
#11
bis(2-Chloroethyl)ether
Concen: 41.827 ng
RT: 7.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

Tgt Ion: 93 Resp: 488625
Ion Ratio Lower Upper
93 100
63 79.7 64.2 104.2
95 32.6 12.6 52.6

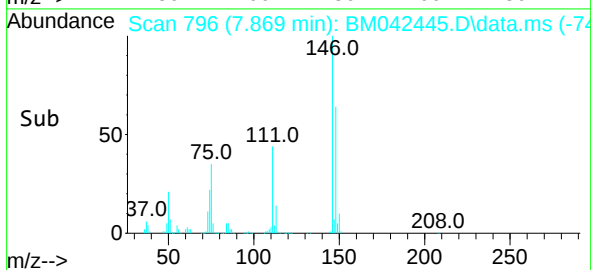
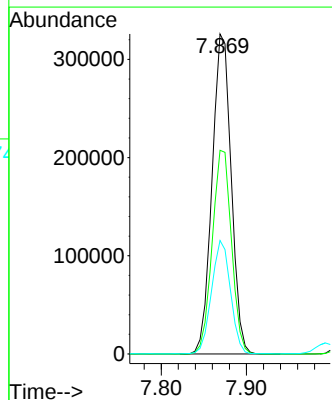
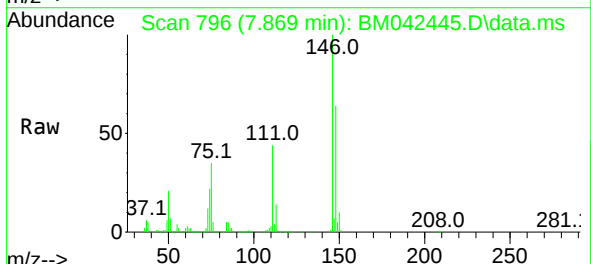
Manual Integrations
APPROVED

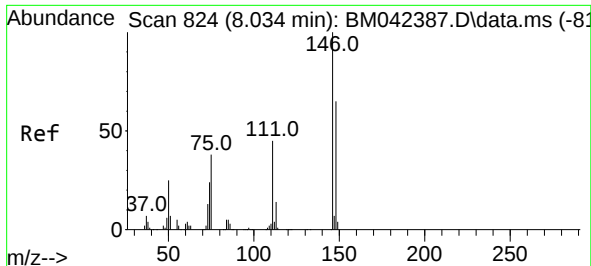
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 48.096 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

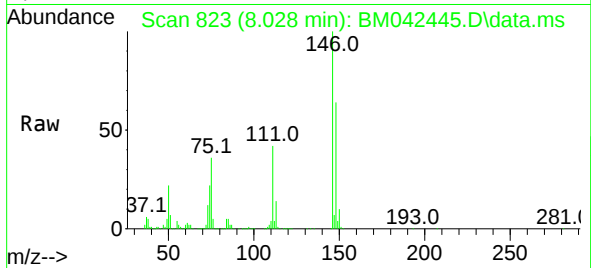
Tgt Ion:146 Resp: 507223
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 35.4 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 48.968 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

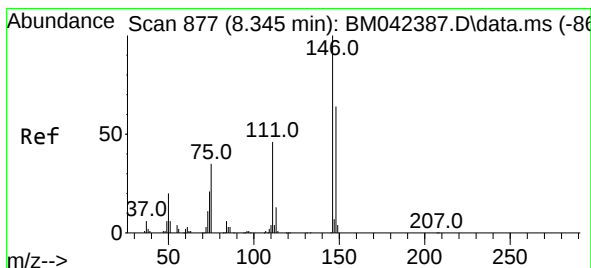
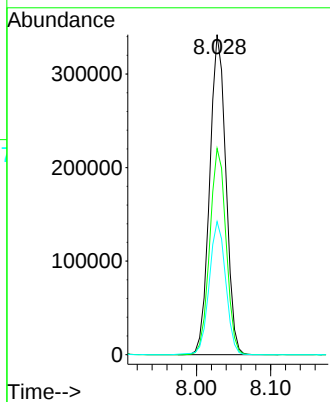
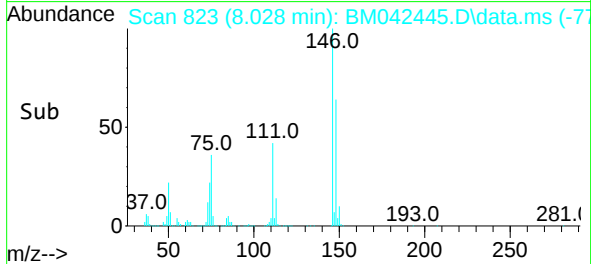
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:146 Resp: 51983
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 41.6 35.9 53.9

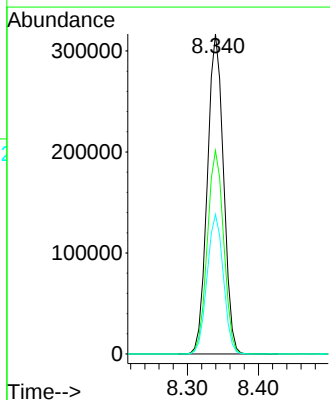
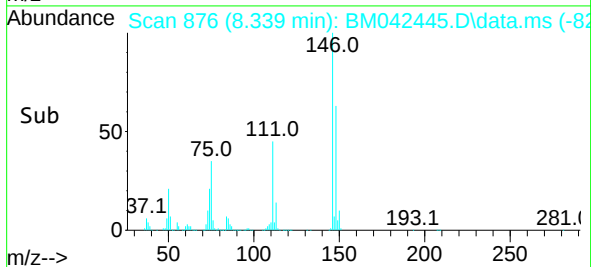
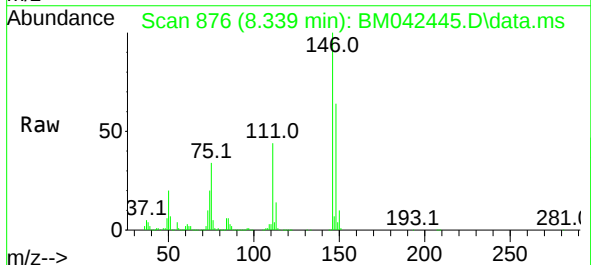
Manual Integrations
APPROVED

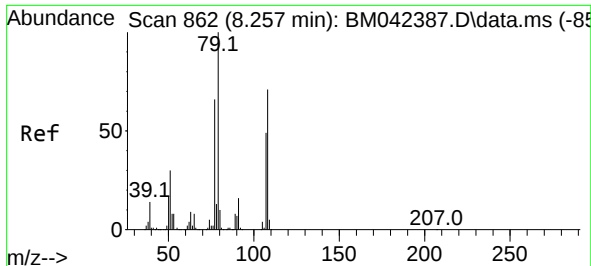
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 49.198 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

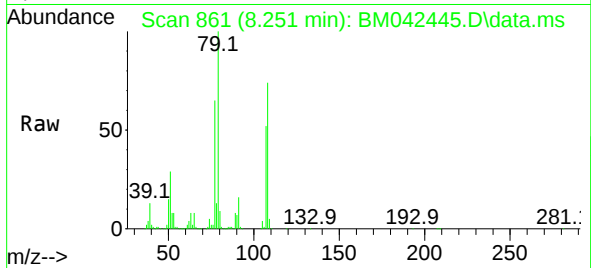
Tgt Ion:146 Resp: 501497
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
111 43.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.853 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

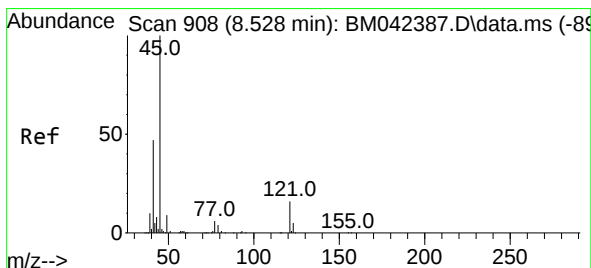
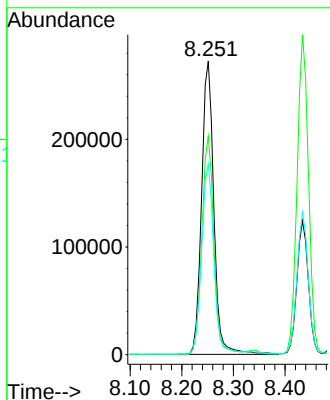
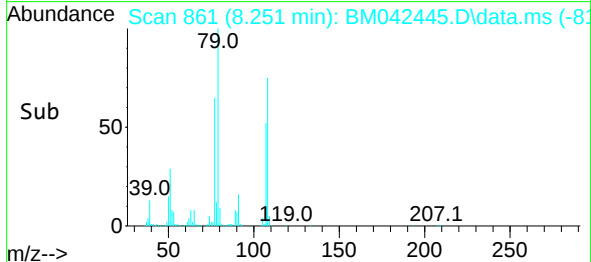
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion: 79 Resp: 447649
Ion Ratio Lower Upper
79 100
108 74.5 57.1 85.7
77 65.0 52.9 79.3

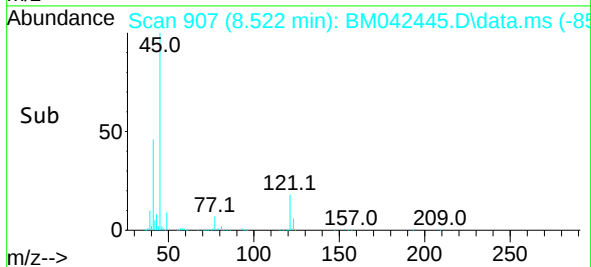
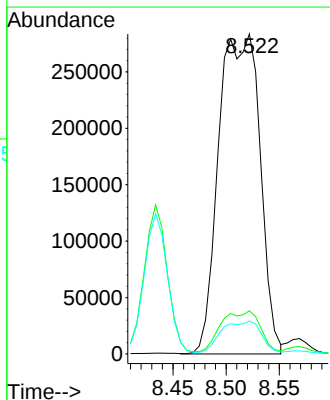
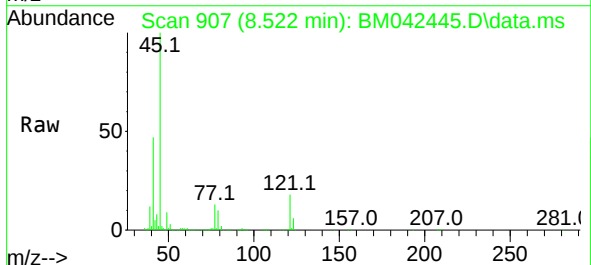
Manual Integrations
APPROVED

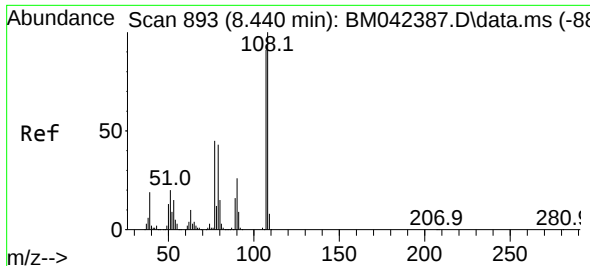
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.273 ng m
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

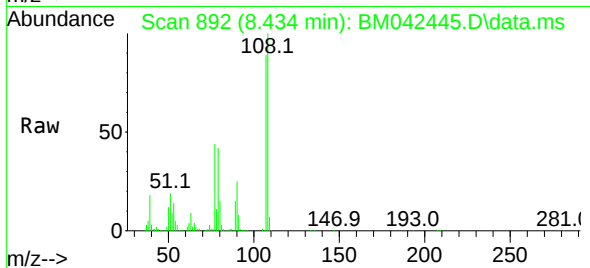
Tgt Ion: 45 Resp: 762914
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.2
79 10.3 0.0 30.4





#17
2-Methylphenol
Concen: 42.678 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

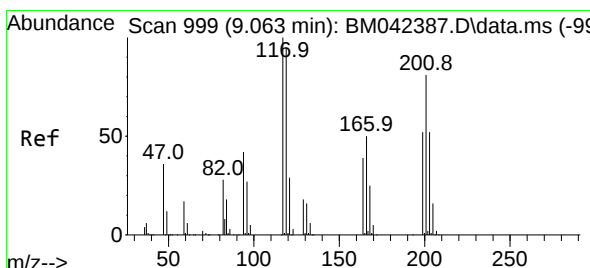
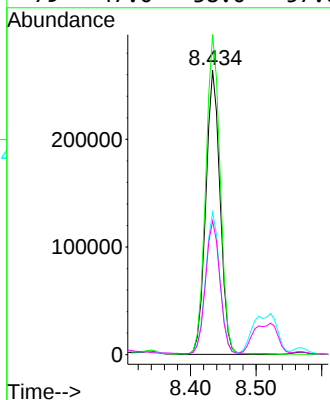
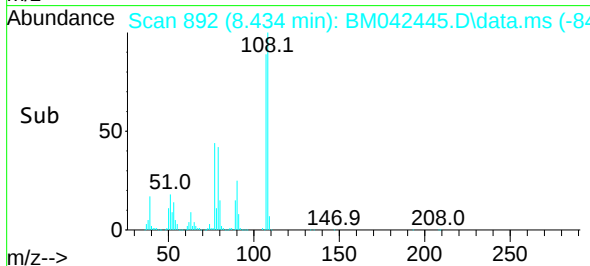
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:	107	Resp:	400719
Ion	Ratio	Lower	Upper
107	100		
108	112.5	88.2	132.4
77	50.1	40.1	60.1
79	47.0	38.0	57.0

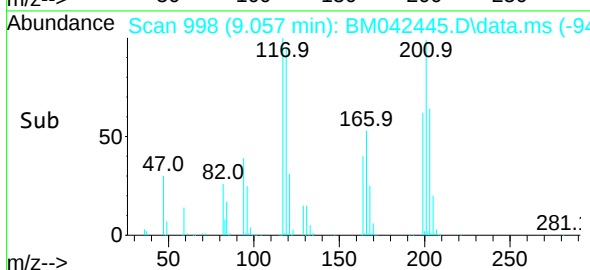
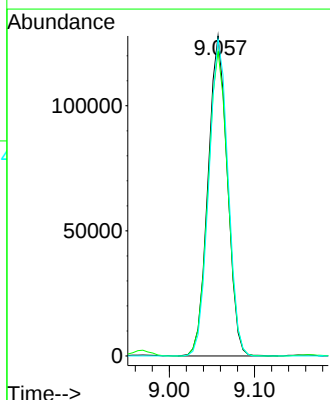
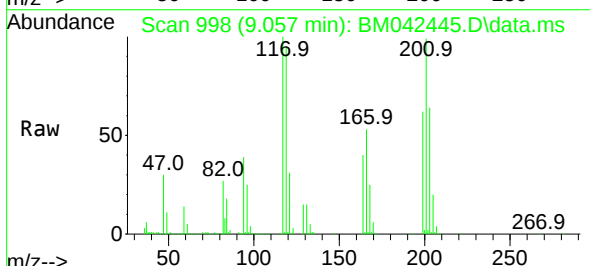
Manual Integrations
APPROVED

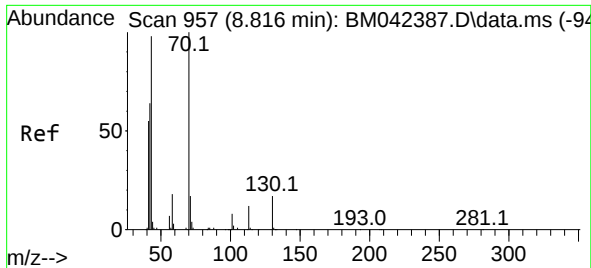
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 49.374 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

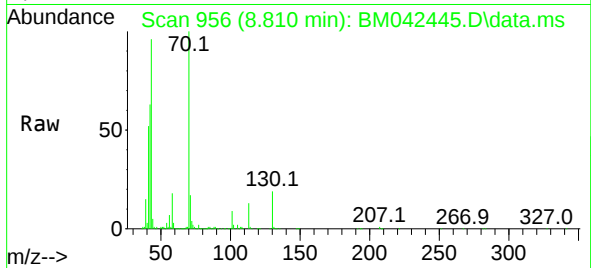
Tgt Ion:	117	Resp:	201780
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
201	98.9	64.6	97.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.788 ng
RT: 8.810 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

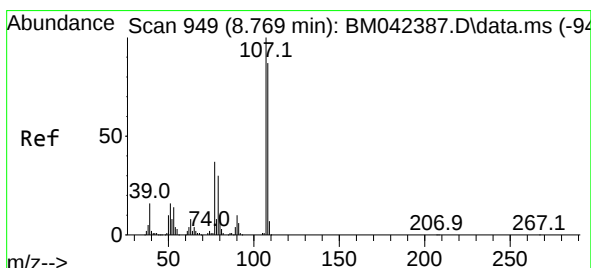
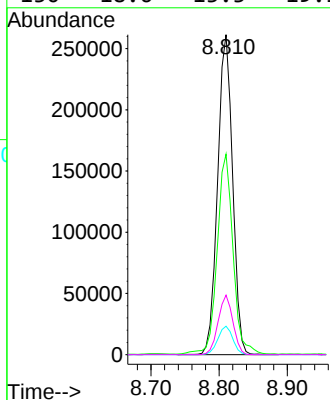
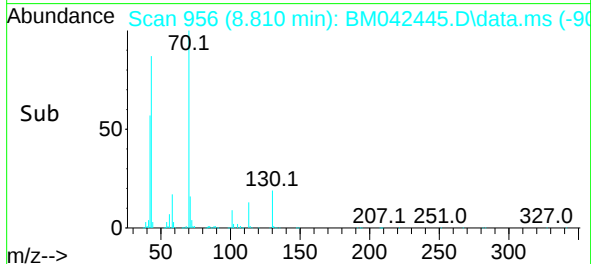
Instrument : BNA_M
ClientSampleId : LSS-B1-COMP-101623MSD



Tgt Ion: 70 Resp: 39935
Ion Ratio Lower Upper
70 100
42 62.7 52.1 78.1
101 8.9 6.5 9.7
130 18.6 13.3 19.9

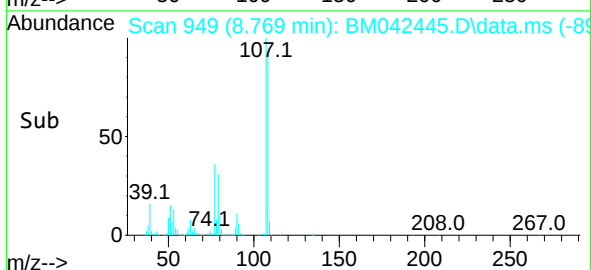
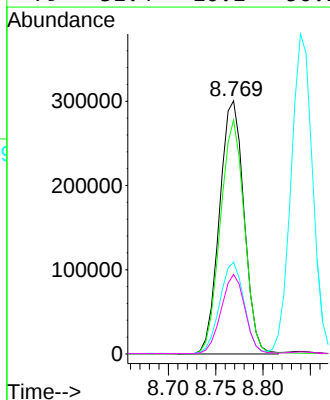
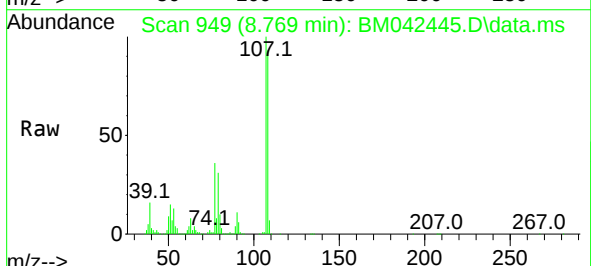
Manual Integrations
APPROVED

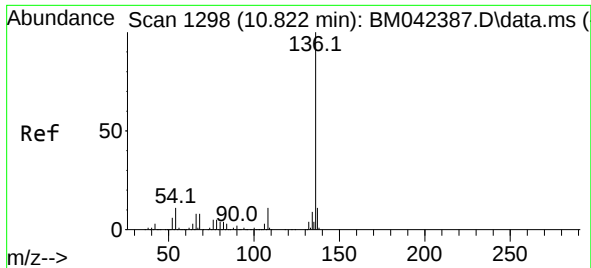
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#20
3+4-Methylphenols
Concen: 43.034 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

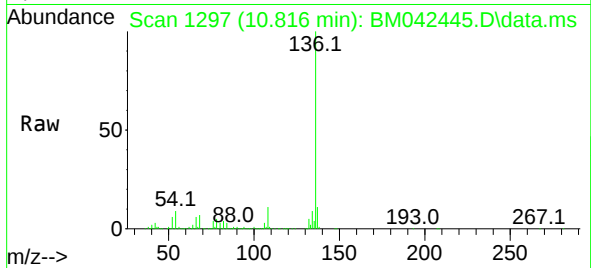
Tgt Ion:107 Resp: 541964
Ion Ratio Lower Upper
107 100
108 92.5 67.2 107.2
77 36.2 16.8 56.8
79 31.4 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

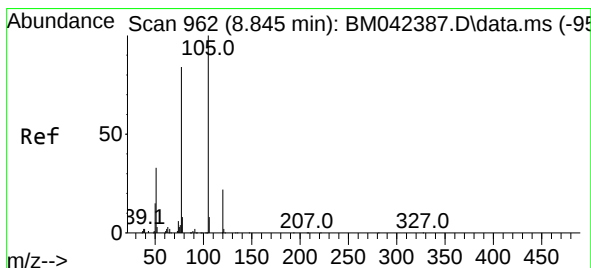
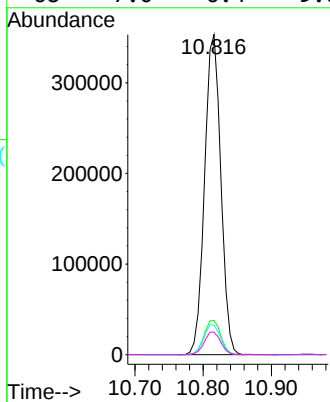
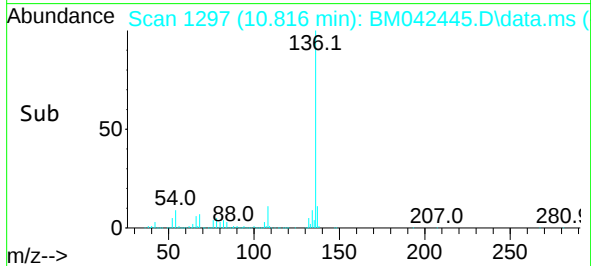
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:136 Resp: 58474
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.2 8.6 12.8
68 7.0 6.4 9.6

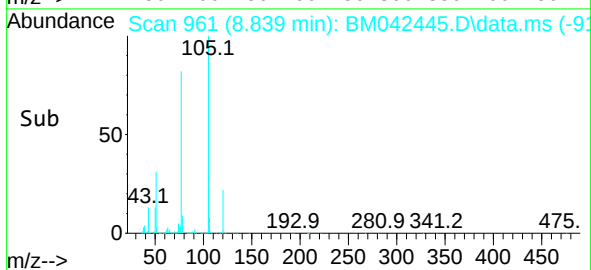
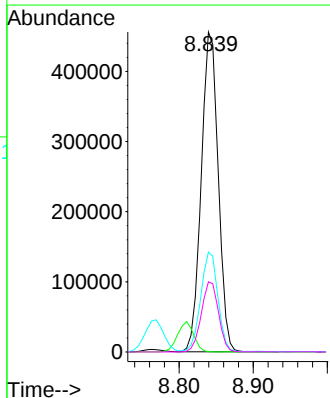
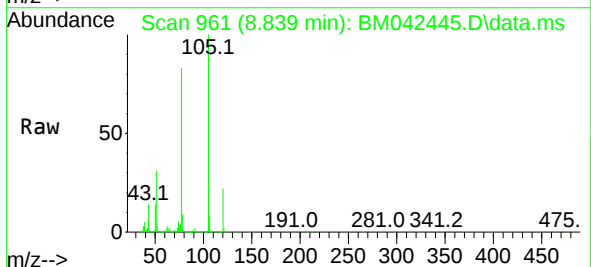
Manual Integrations
APPROVED

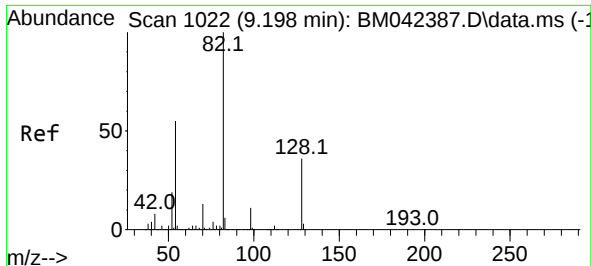
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 45.450 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion:105 Resp: 725048
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 31.2 27.1 40.7
120 21.9 17.3 25.9





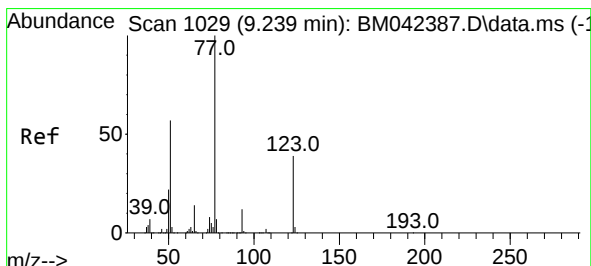
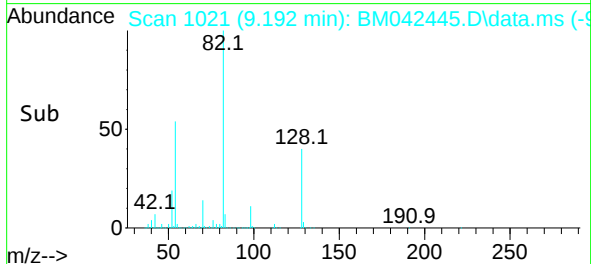
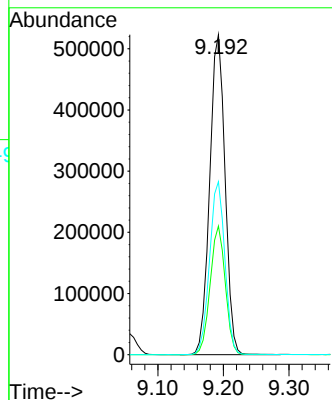
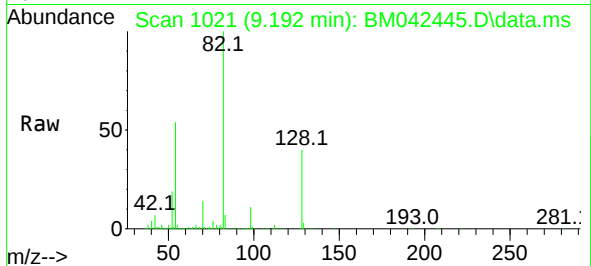
#23
Nitrobenzene-d5
Concen: 64.473 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

Tgt Ion: 82 Resp: 852572
Ion Ratio Lower Upper
82 100
128 40.2 29.0 43.6
54 54.0 43.7 65.5

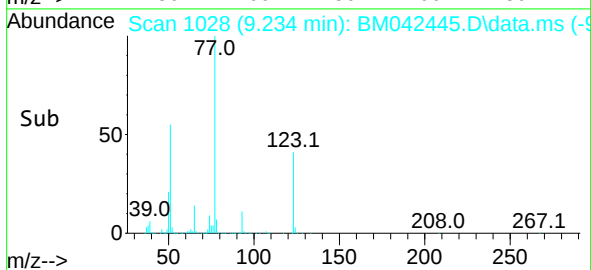
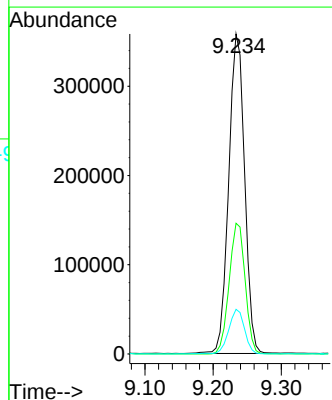
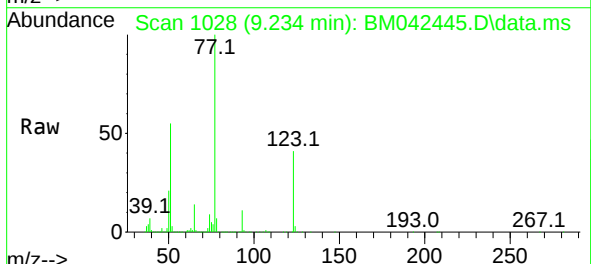
Manual Integrations
APPROVED

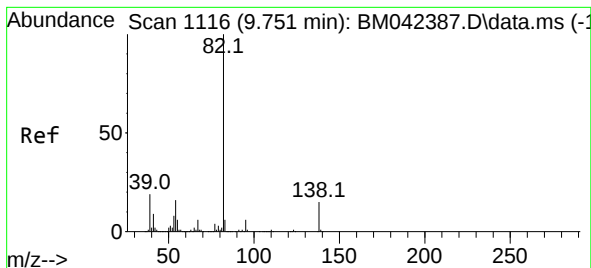
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#24
Nitrobenzene
Concen: 44.002 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion: 77 Resp: 582135
Ion Ratio Lower Upper
77 100
123 40.9 31.2 46.8
65 14.0 11.4 17.0





#25

Isophorone

Concen: 46.685 ng

RT: 9.745 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD

Tgt Ion: 82 Resp: 1049130

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

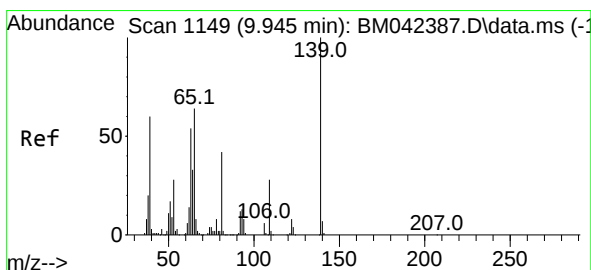
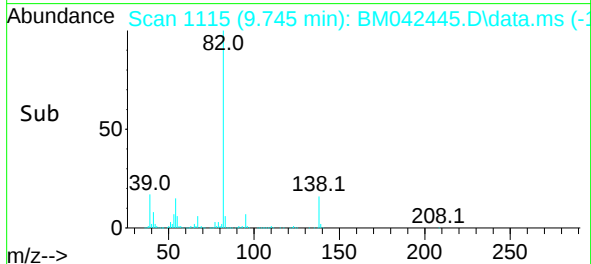
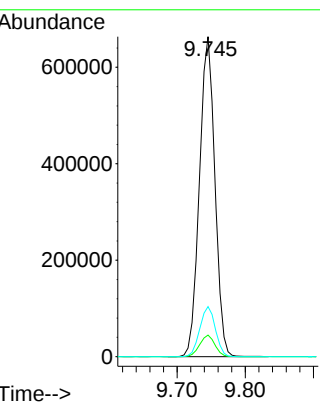
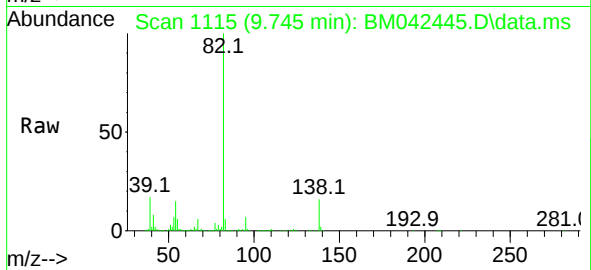
138 15.7 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#26

2-Nitrophenol

Concen: 49.807 ng

RT: 9.934 min Scan# 1147

Delta R.T. -0.011 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

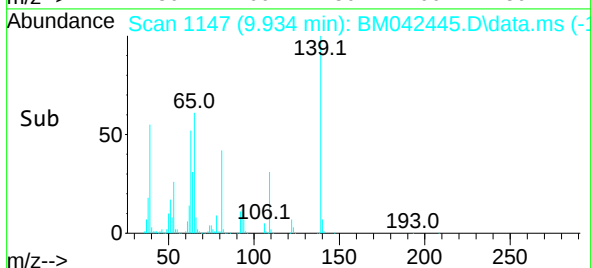
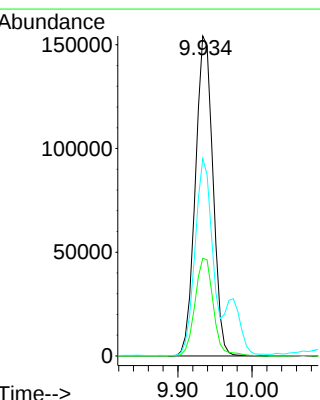
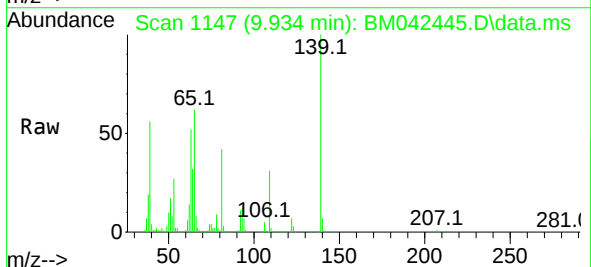
Tgt Ion:139 Resp: 254155

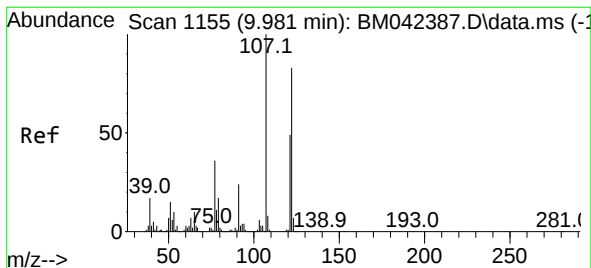
Ion Ratio Lower Upper

139 100

109 30.5 22.3 33.5

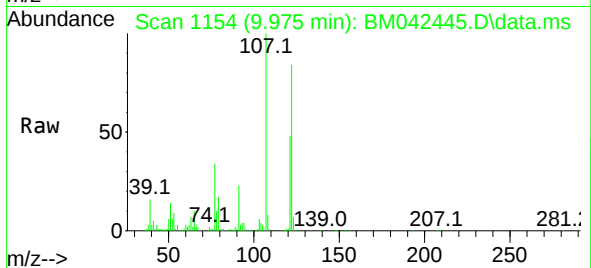
65 61.6 51.1 76.7





#27
2,4-Dimethylphenol
Concen: 42.114 ng
RT: 9.975 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

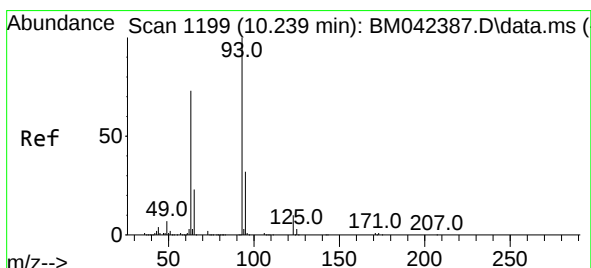
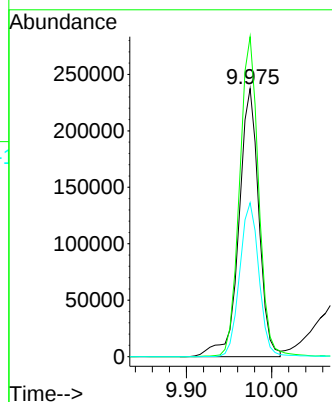
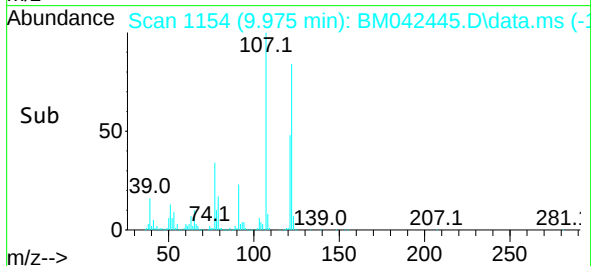
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:122 Resp: 38389
Ion Ratio Lower Upper
122 100
107 119.3 96.3 144.5
121 57.4 47.0 70.6

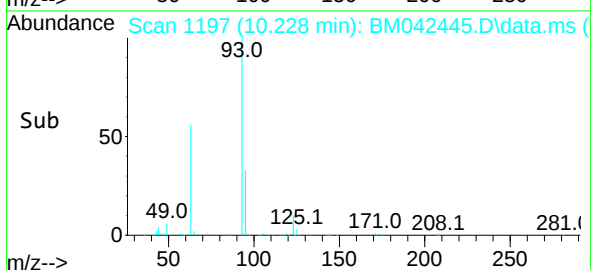
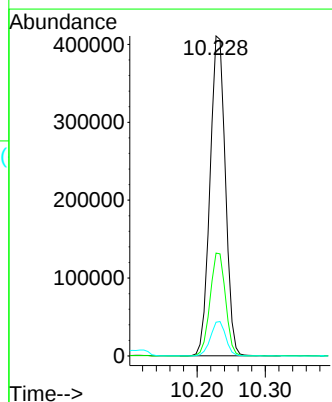
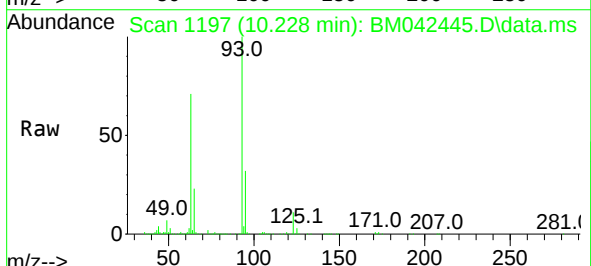
Manual Integrations
APPROVED

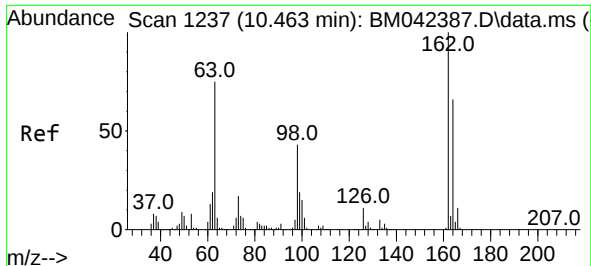
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.214 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion: 93 Resp: 643753
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 56.484 ng

RT: 10.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042445.D

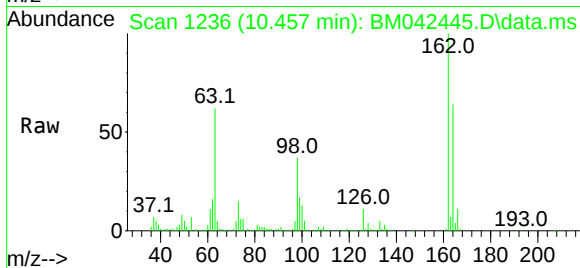
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD

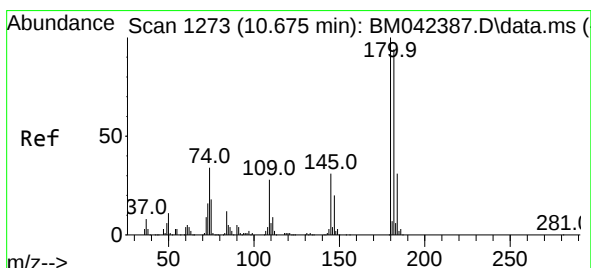
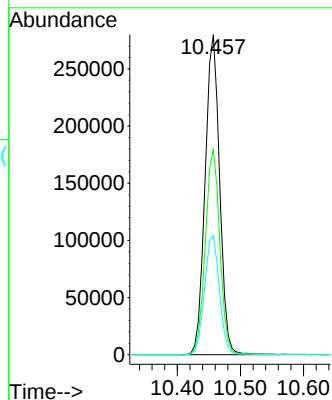
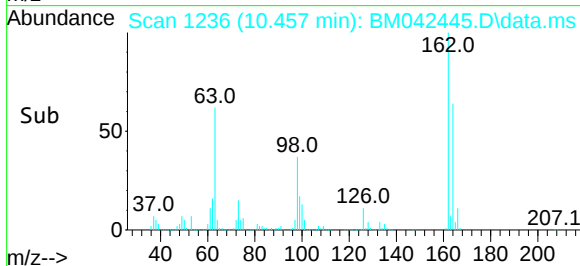


Tgt Ion:	162	Resp:	44775
Ion Ratio	Lower	Upper	
162	100		
164	64.0	45.9	85.9
98	37.2	23.4	63.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 55.867 ng

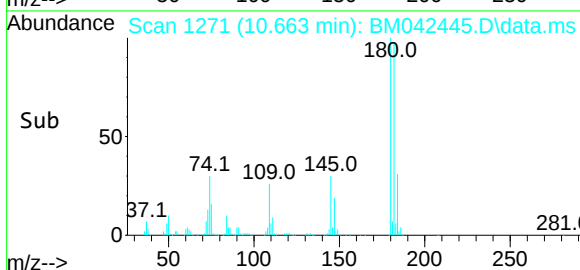
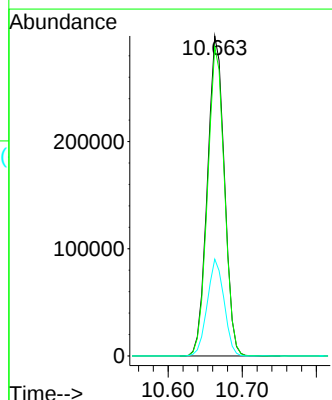
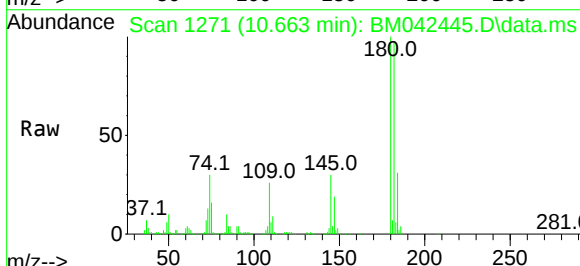
RT: 10.663 min Scan# 1271

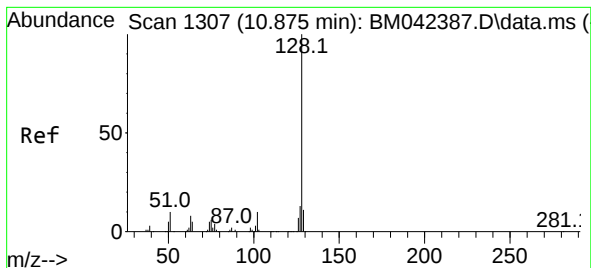
Delta R.T. -0.012 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

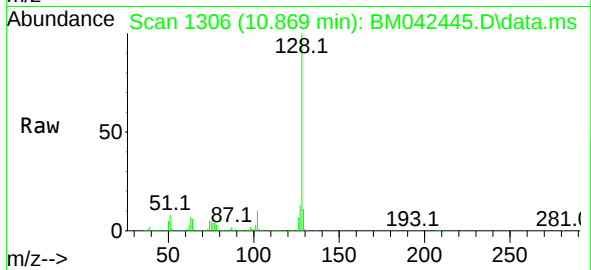
Tgt Ion:	180	Resp:	474768
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.0	112.4
145	30.3	24.6	36.8





#31
Naphthalene
Concen: 49.103 ng
RT: 10.869 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

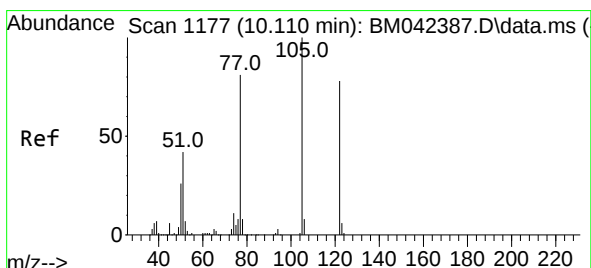
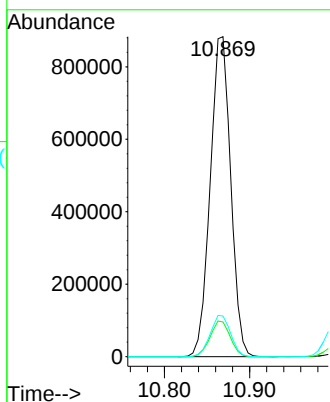
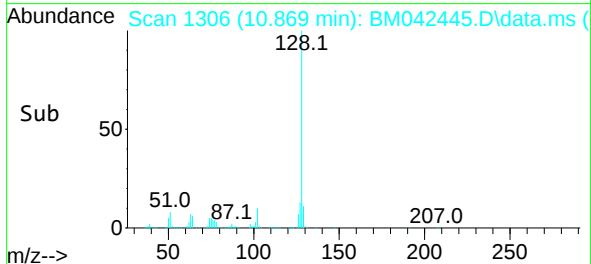
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:128 Resp: 147480
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.4 15.6

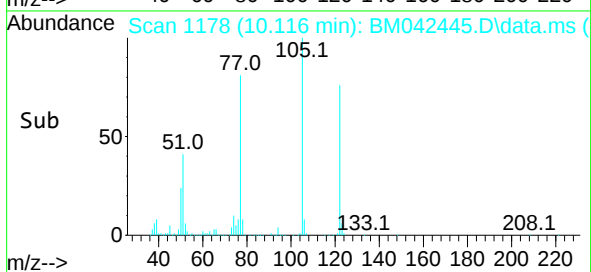
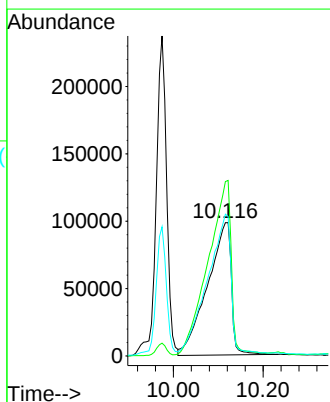
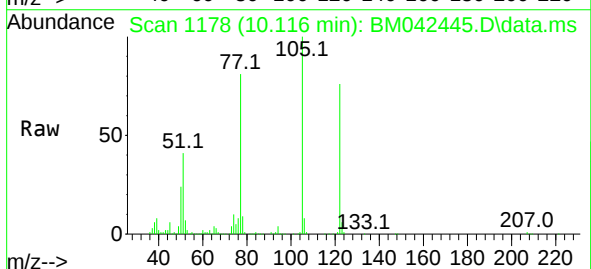
Manual Integrations
APPROVED

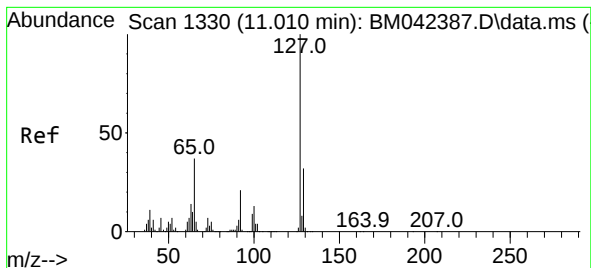
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 53.535 ng
RT: 10.116 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

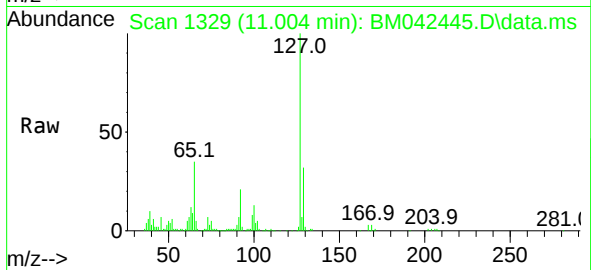
Tgt Ion:122 Resp: 361530
Ion Ratio Lower Upper
122 100
105 130.8 104.9 144.9
77 106.3 83.4 123.4





#33
4-Chloroaniline
Concen: 13.038 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

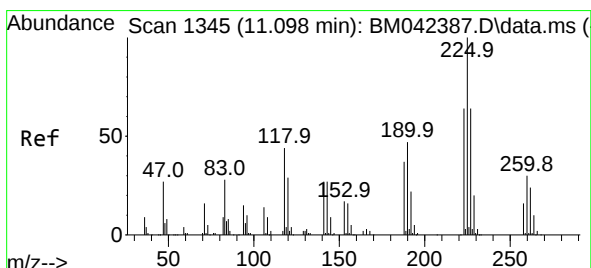
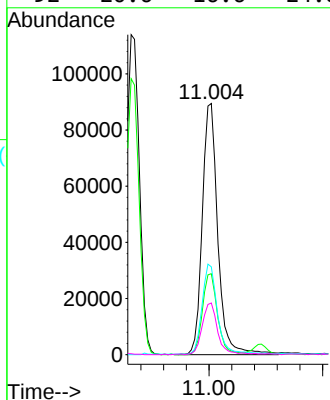
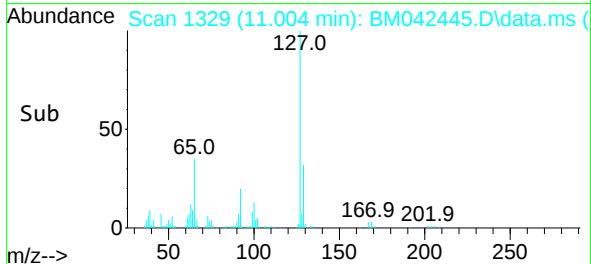
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:127 Resp: 17001
Ion Ratio Lower Upper
127 100
129 32.3 25.3 37.9
65 35.0 29.6 44.4
92 20.6 16.6 24.8

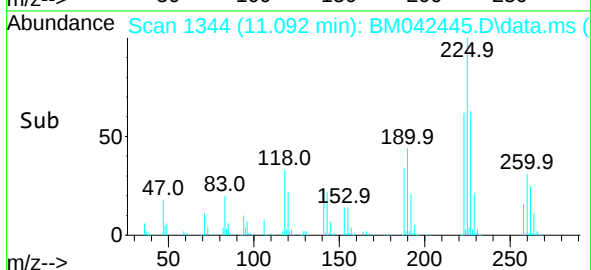
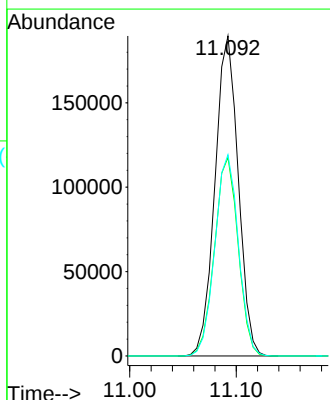
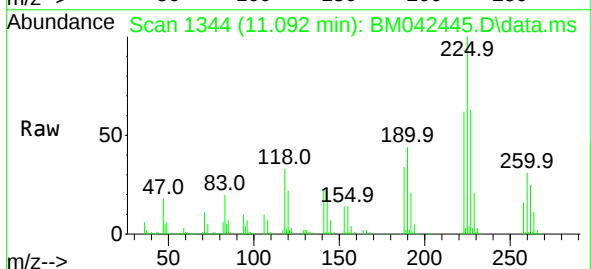
Manual Integrations
APPROVED

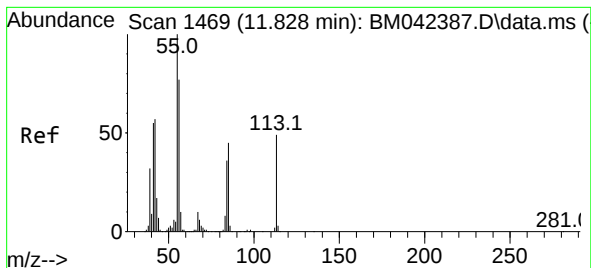
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 62.527 ng
RT: 11.092 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

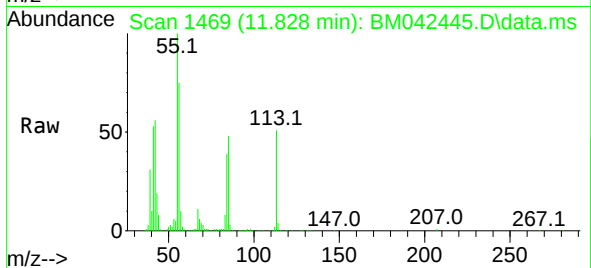
Tgt Ion:225 Resp: 287537
Ion Ratio Lower Upper
225 100
223 62.0 51.5 77.3
227 62.9 51.3 76.9





#35
Caprolactam
Concen: 47.599 ng
RT: 11.828 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

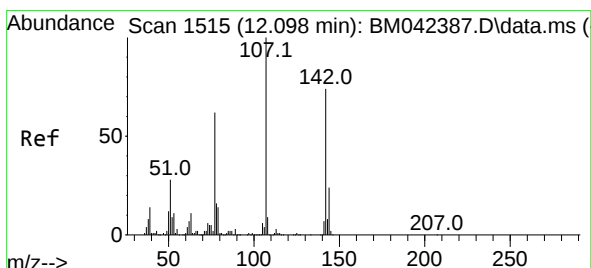
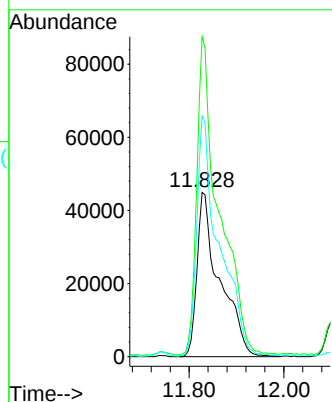
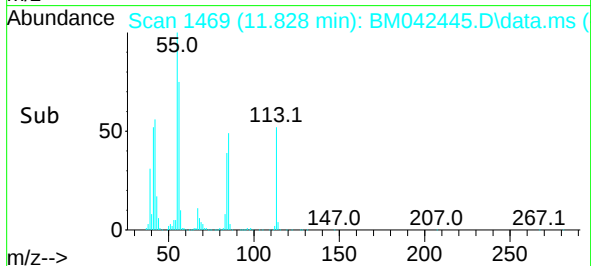
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



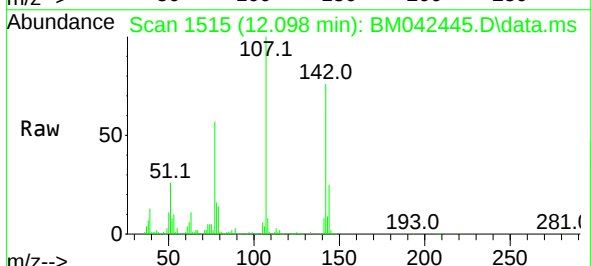
Tgt Ion:113 Resp: 149602
Ion Ratio Lower Upper
113 100
55 194.7 185.6 225.6
56 146.3 137.8 177.8

Manual Integrations
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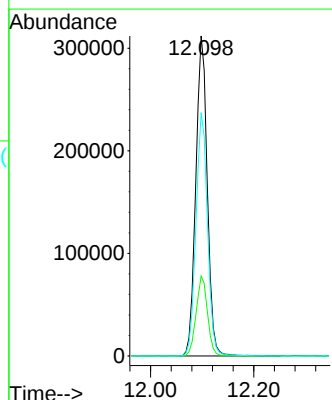
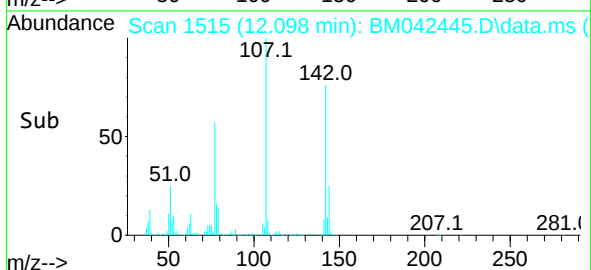
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

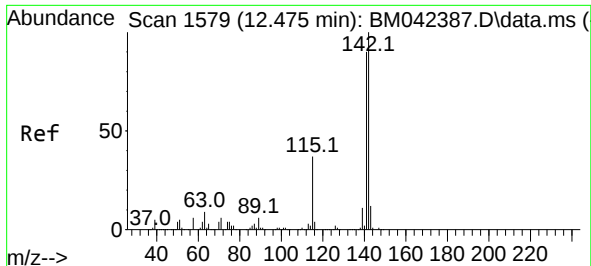


#36
4-Chloro-3-methylphenol
Concen: 50.415 ng
RT: 12.098 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



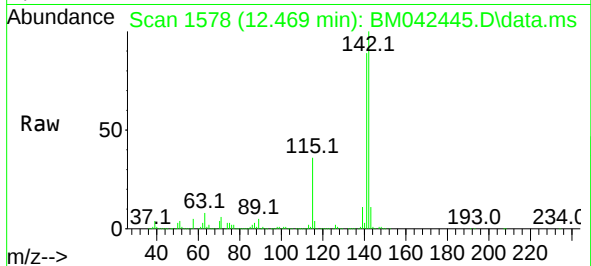
Tgt Ion:107 Resp: 482272
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 76.1 59.2 88.8





#37
2-Methylnaphthalene
Concen: 48.302 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

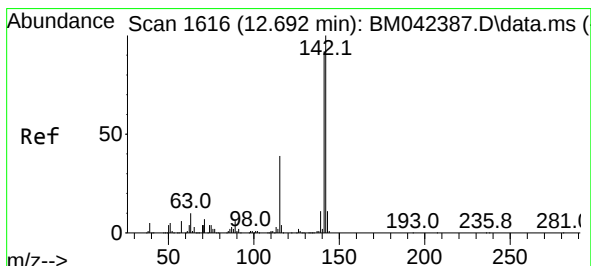
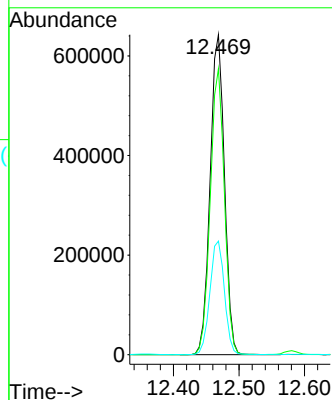
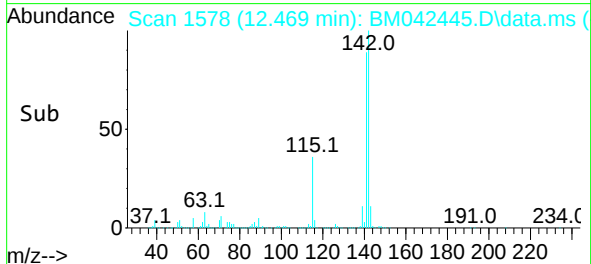
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



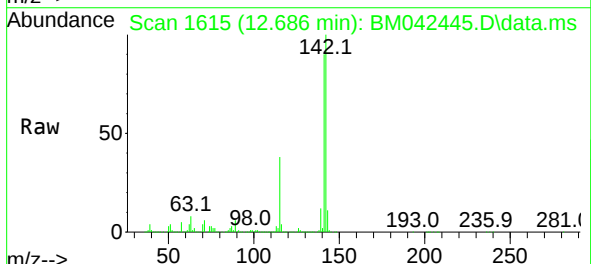
Tgt Ion:142 Resp: 97660
Ion Ratio Lower Upper
142 100
141 89.3 72.0 108.0
115 35.5 29.4 44.2

Manual Integrations
APPROVED

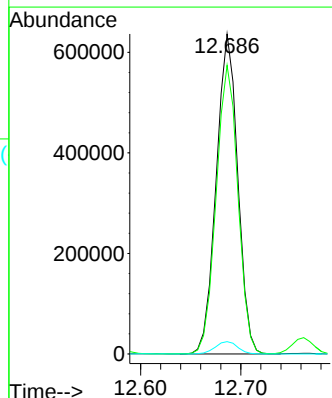
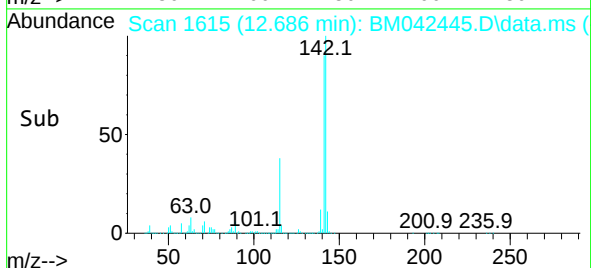
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

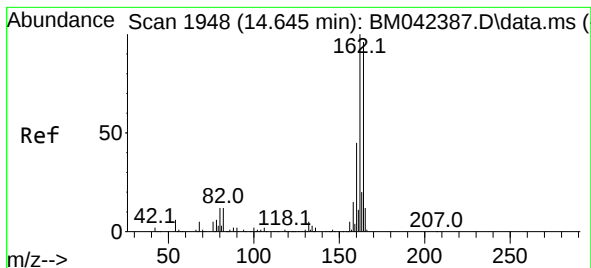


#38
1-Methylnaphthalene
Concen: 50.098 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



Tgt Ion:142 Resp: 948919
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.6
116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BM042445.D

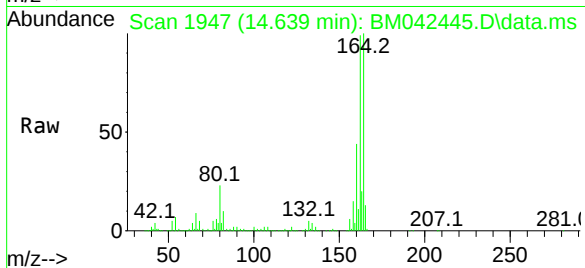
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD



Tgt Ion:164 Resp: 338964

Ion Ratio Lower Upper

164 100

162 99.0 83.0 124.4

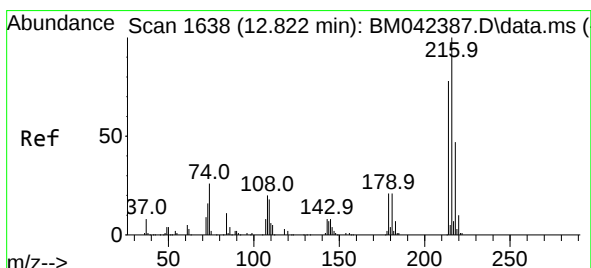
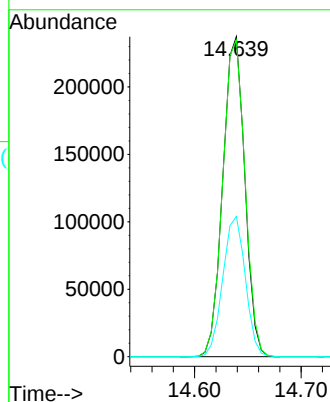
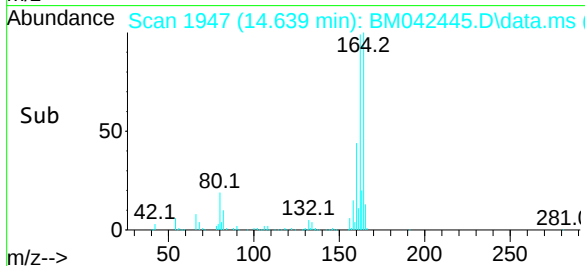
160 43.9 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.119 ng

RT: 12.816 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Tgt Ion:216 Resp: 530334

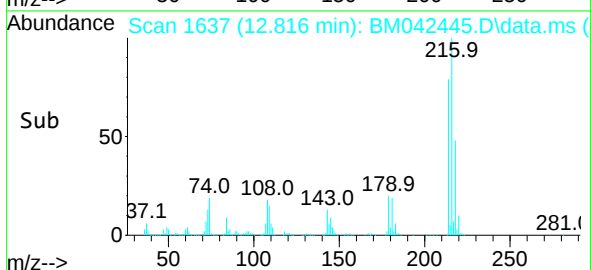
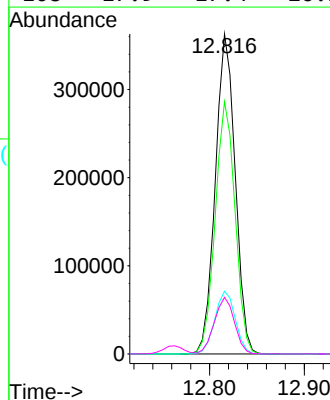
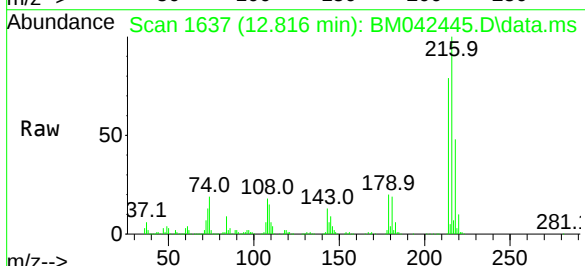
Ion Ratio Lower Upper

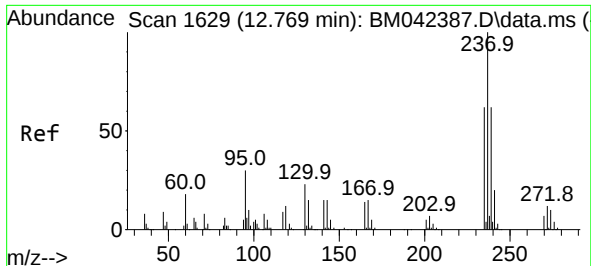
216 100

214 78.8 63.0 94.4

179 20.2 17.2 25.8

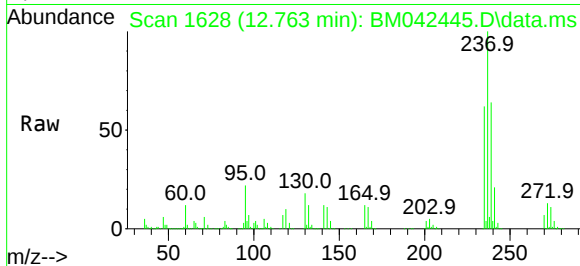
108 17.9 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 72.942 ng
RT: 12.763 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

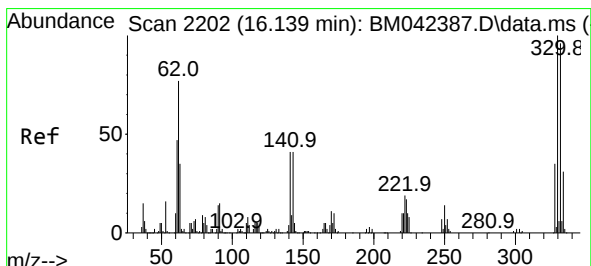
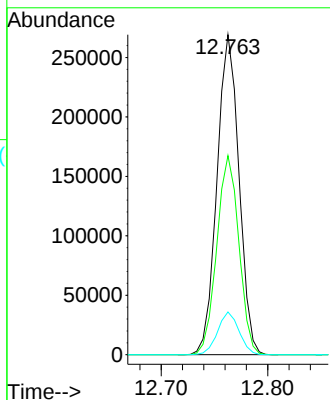
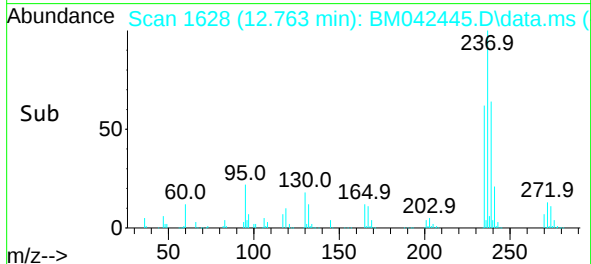
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



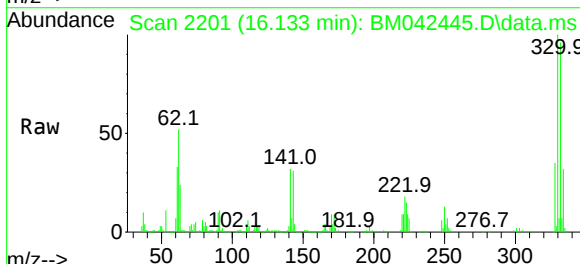
Tgt Ion:237 Resp: 38528
Ion Ratio Lower Upper
237 100
235 62.2 41.5 81.5
272 13.3 0.0 32.2

Manual Integrations
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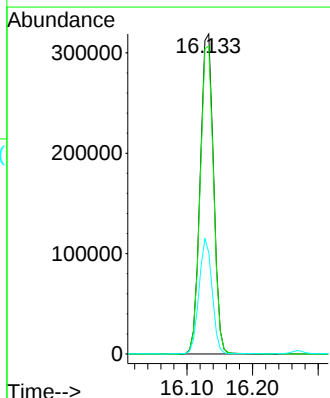
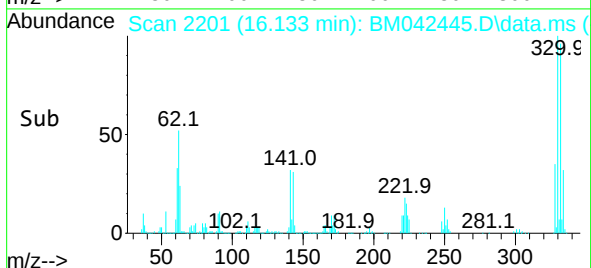
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

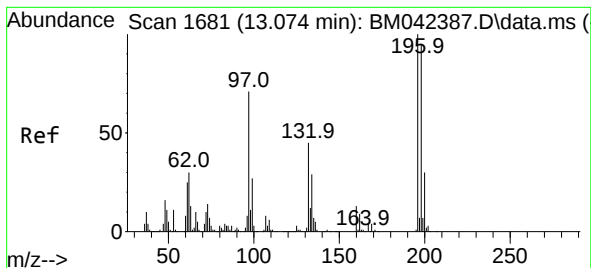


#42
2,4,6-Tribromophenol
Concen: 121.591 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



Tgt Ion:330 Resp: 452757
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 35.3 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 55.639 ng

RT: 13.069 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BM042445.D

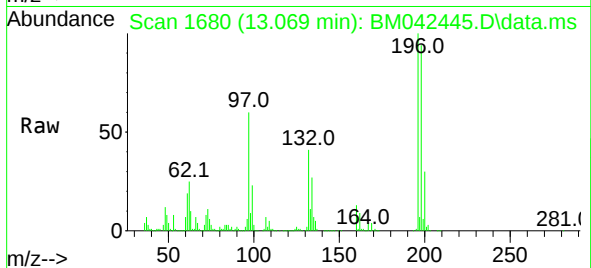
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD



Tgt Ion:196 Resp: 352949

Ion Ratio Lower Upper

196 100

198 93.6 76.3 114.5

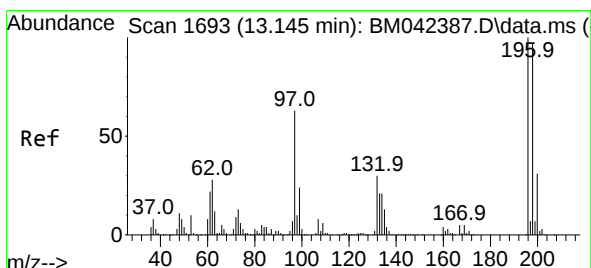
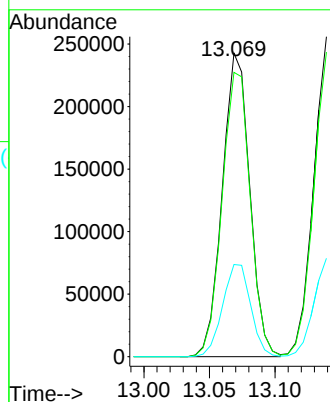
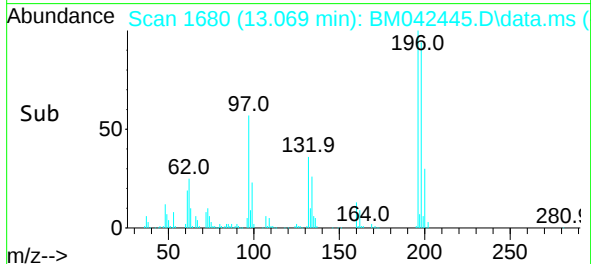
200 30.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#44

2,4,5-Trichlorophenol

Concen: 50.687 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Tgt Ion:196 Resp: 380091

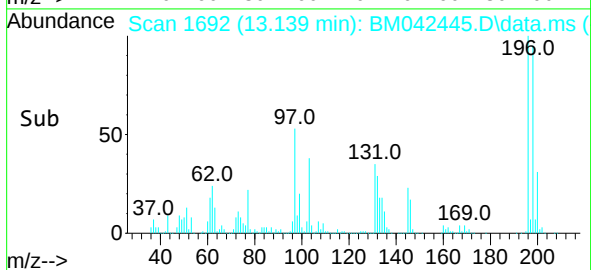
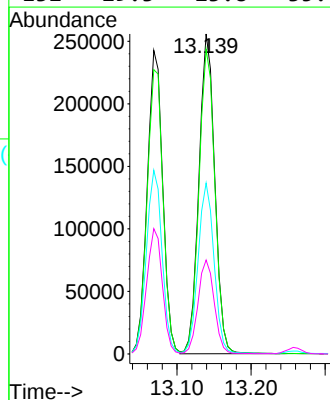
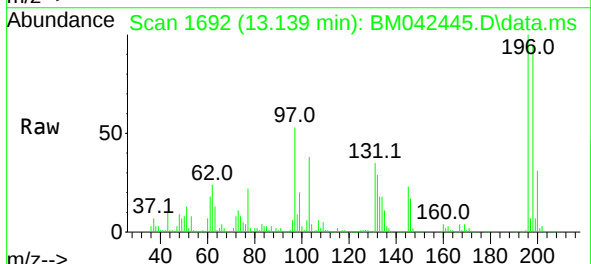
Ion Ratio Lower Upper

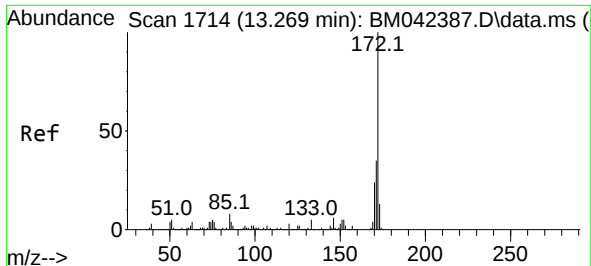
196 100

198 95.2 77.9 116.9

97 53.4 50.9 76.3

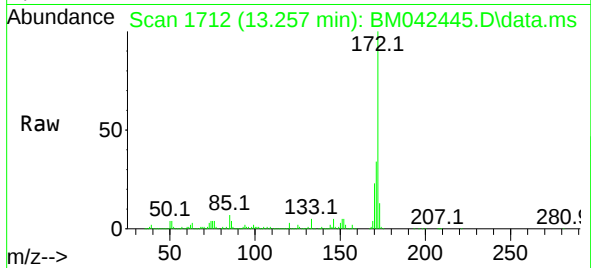
132 29.3 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 66.791 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

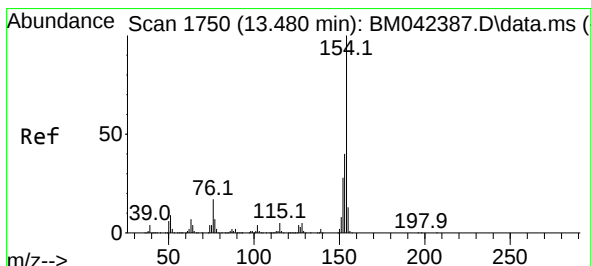
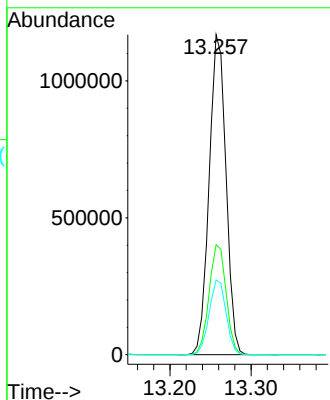
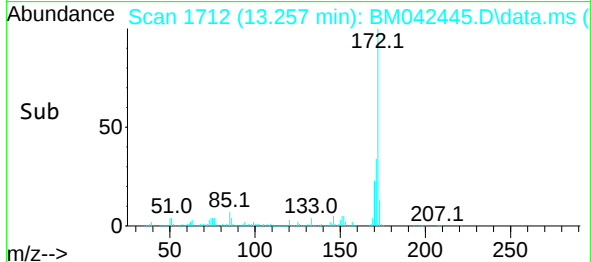
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



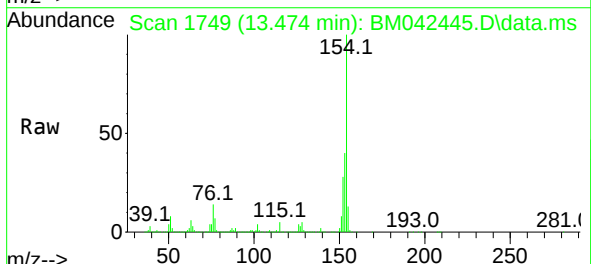
Tgt Ion:172 Resp: 1681227
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.9 28.3

Manual Integrations
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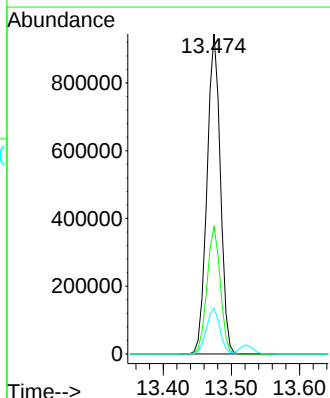
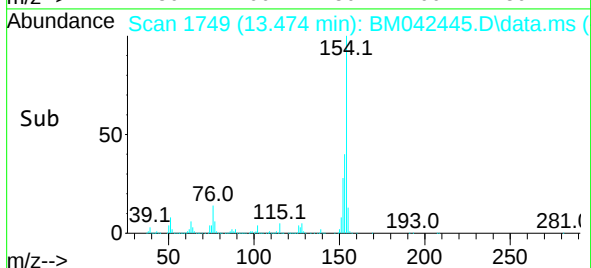
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

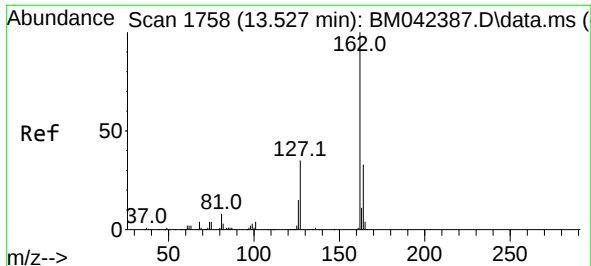


#46
1,1'-Biphenyl
Concen: 47.783 ng
RT: 13.474 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



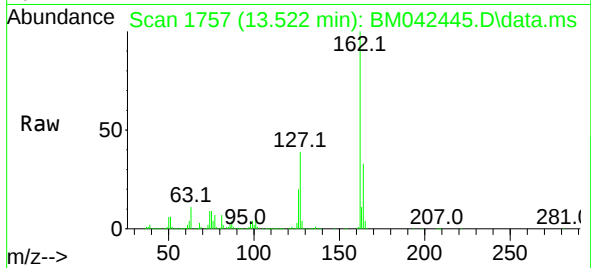
Tgt Ion:154 Resp: 1284896
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 14.3 0.0 36.9





#47
2-Chloronaphthalene
Concen: 49.141 ng
RT: 13.522 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

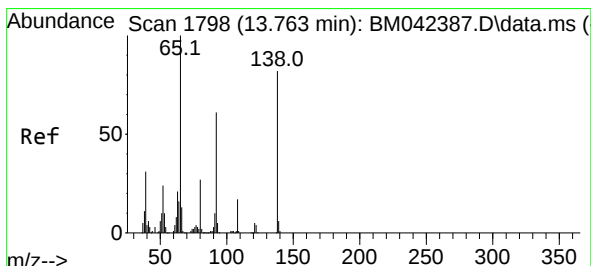
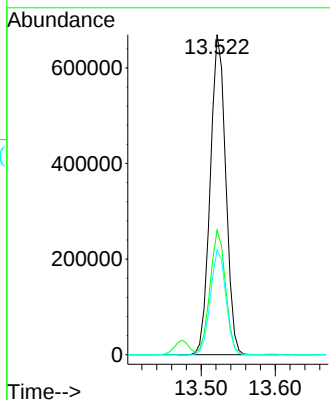
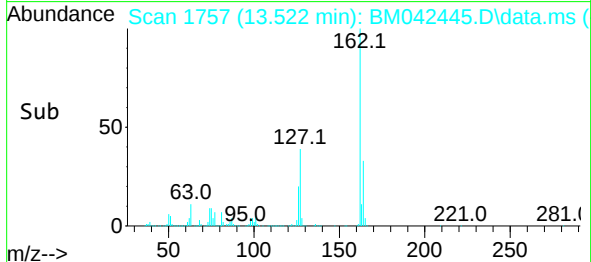
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:162 Resp: 969454
Ion Ratio Lower Upper
162 100
127 38.9 32.2 48.2
164 32.7 26.2 39.2

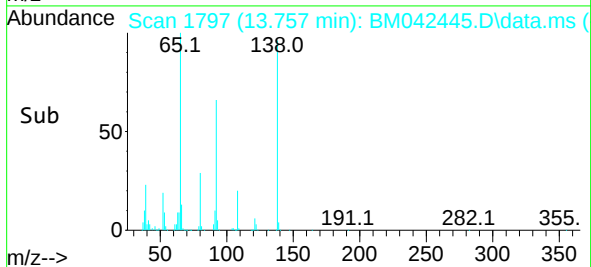
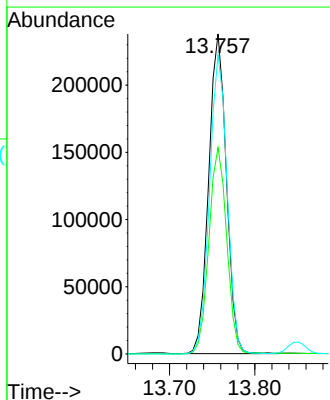
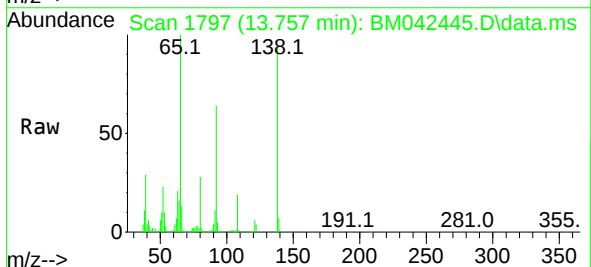
Manual Integrations
APPROVED

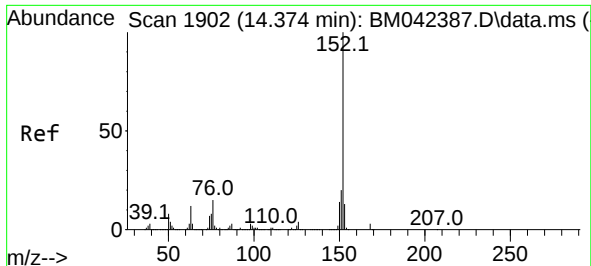
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 40.003 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

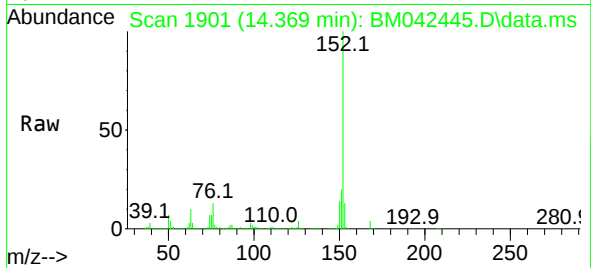
Tgt Ion: 65 Resp: 342954
Ion Ratio Lower Upper
65 100
92 64.5 49.0 73.6
138 93.5 65.5 98.3





#49
Acenaphthylene
Concen: 50.214 ng
RT: 14.369 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

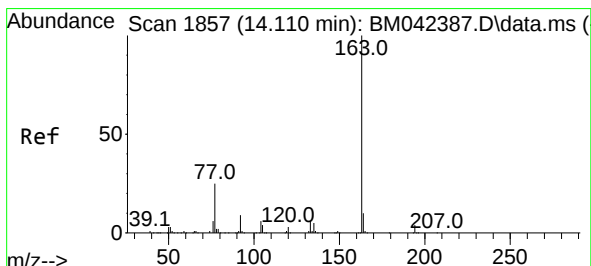
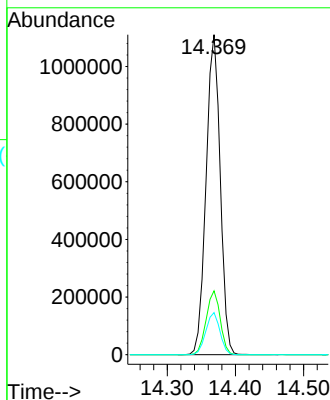
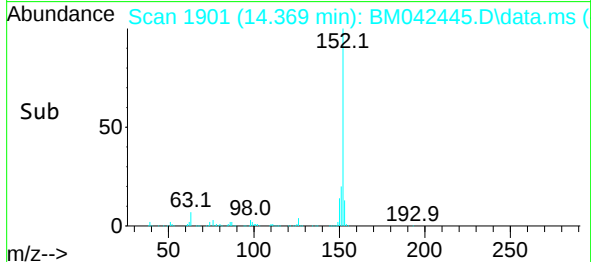
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



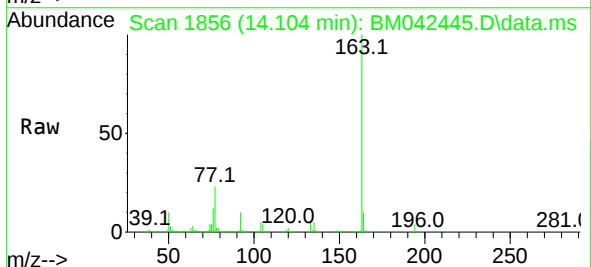
Tgt Ion:152 Resp: 159930
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.5 15.7

Manual Integrations
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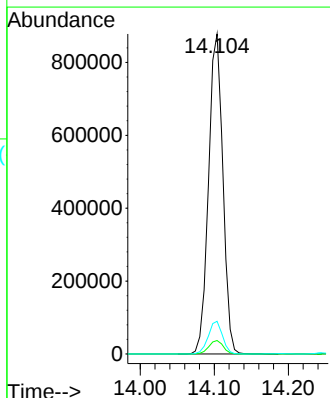
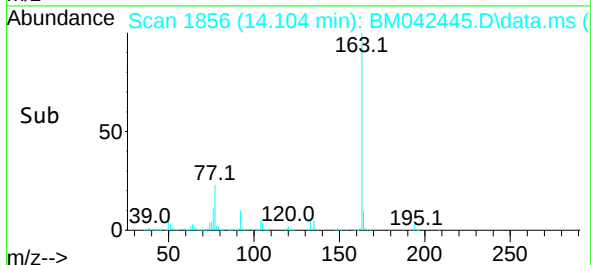
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

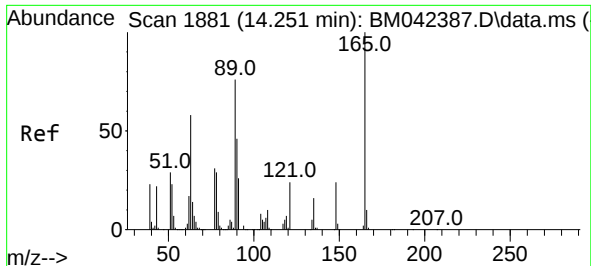


#50
Dimethylphthalate
Concen: 47.391 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



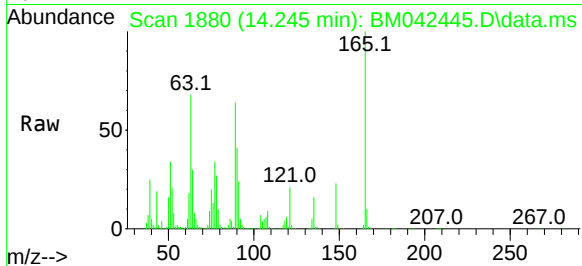
Tgt Ion:163 Resp: 1178289
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.605 ng
RT: 14.245 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

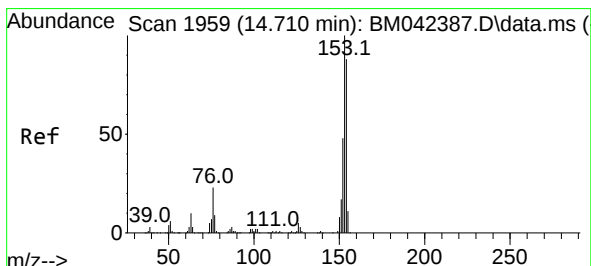
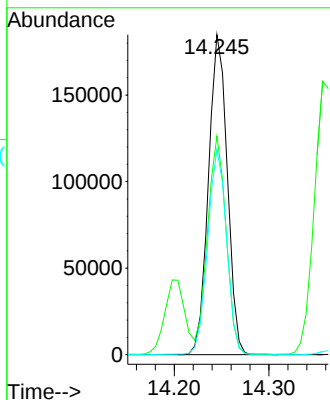
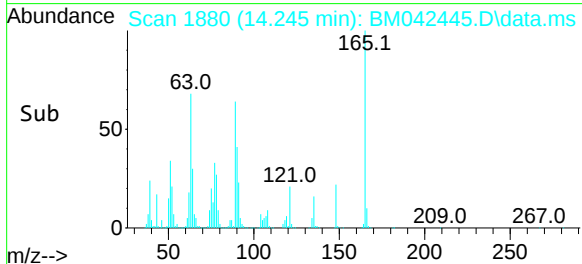
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:165 Resp: 255160
Ion Ratio Lower Upper
165 100
63 68.3 65.3 97.9
89 64.1 60.6 91.0

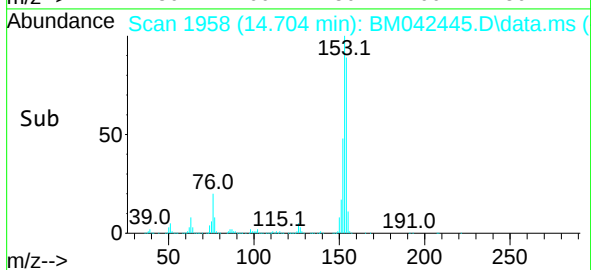
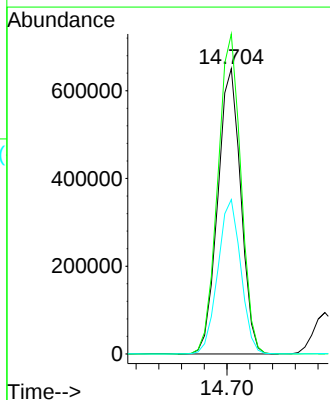
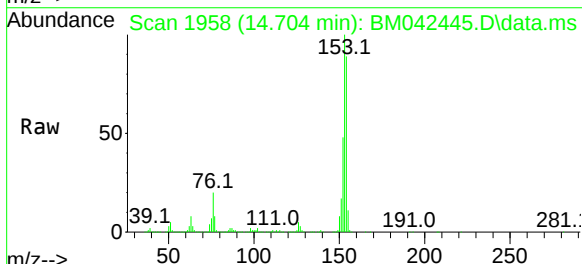
Manual Integrations
APPROVED

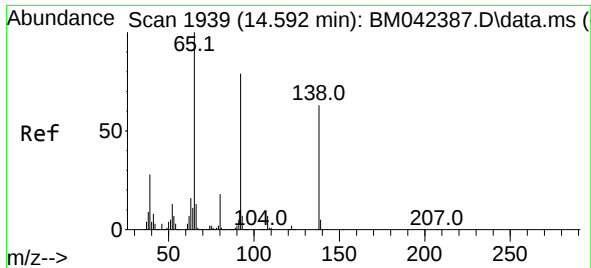
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 47.644 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

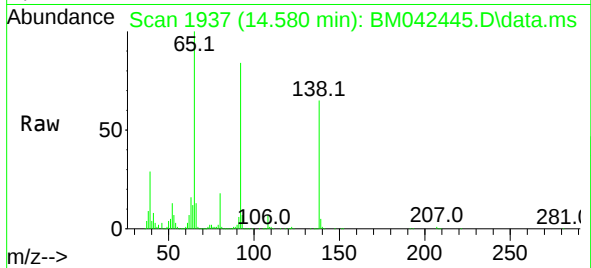
Tgt Ion:154 Resp: 917407
Ion Ratio Lower Upper
154 100
153 112.2 91.1 136.7
152 54.1 44.0 66.0





#53
3-Nitroaniline
Concen: 30.355 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

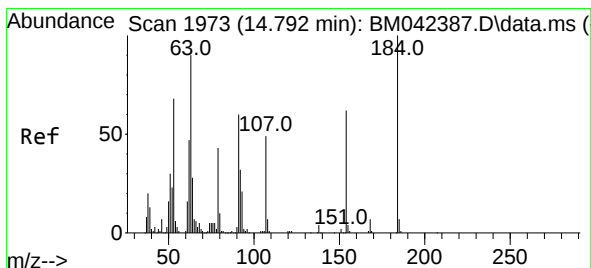
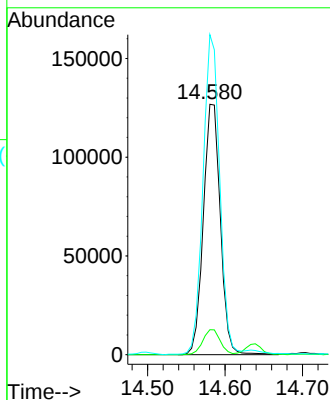
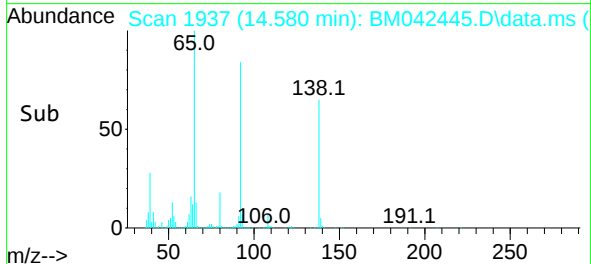
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:138 Resp: 193489
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 127.8 100.6 151.0

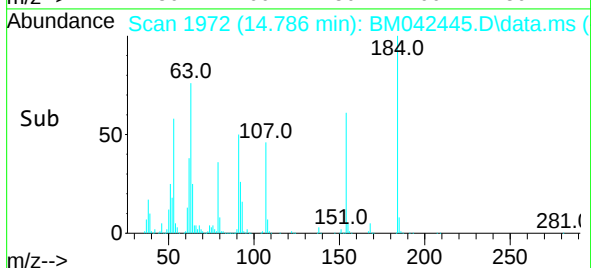
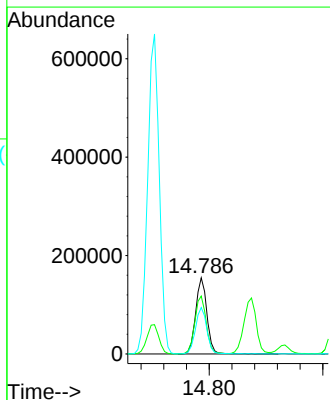
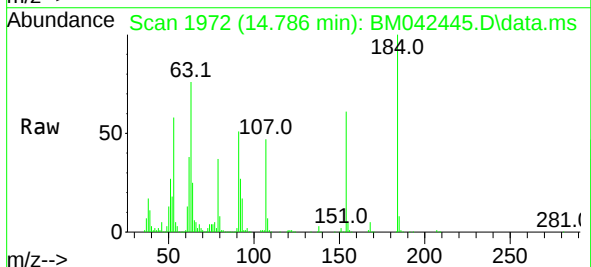
Manual Integrations
APPROVED

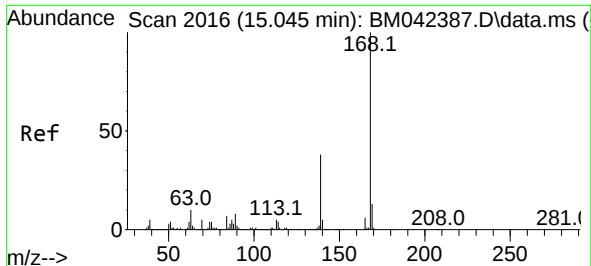
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#54
2,4-Dinitrophenol
Concen: 63.399 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

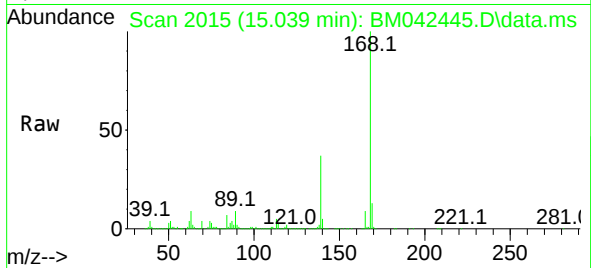
Tgt Ion:184 Resp: 213902
Ion Ratio Lower Upper
184 100
63 76.0 72.2 108.2
154 61.0 49.6 74.4





#55
Dibenzenofuran
Concen: 48.292 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

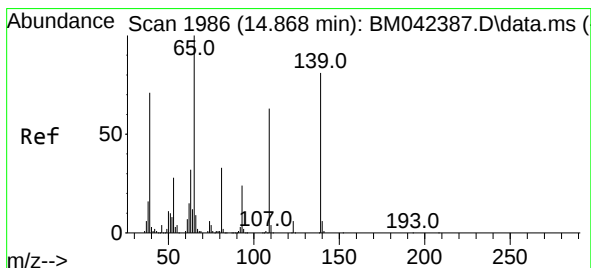
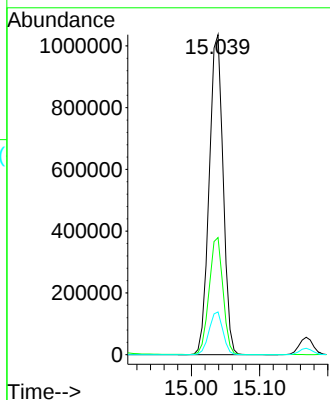
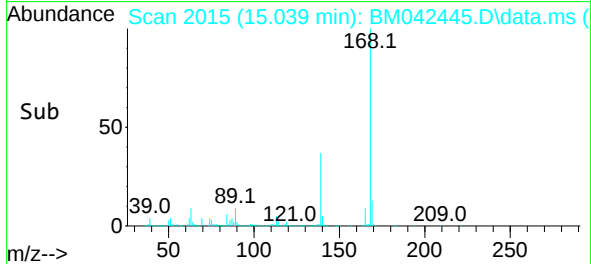
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:168 Resp: 1470764
Ion Ratio Lower Upper
168 100
139 36.6 30.6 46.0
169 13.3 10.4 15.6

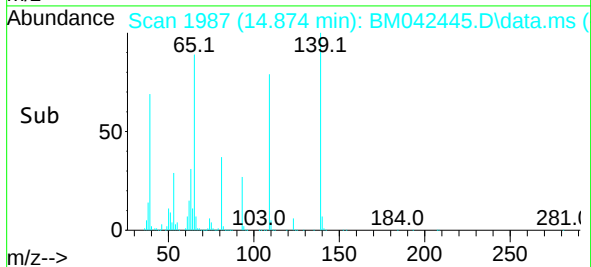
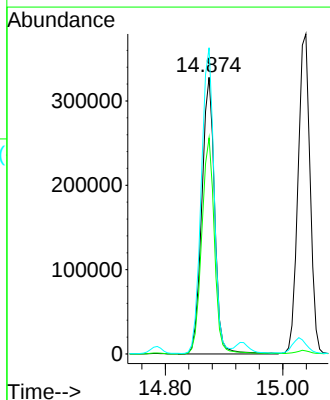
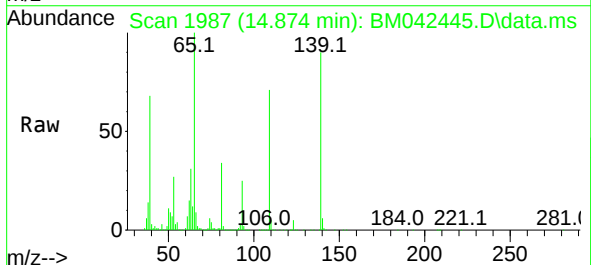
Manual Integrations
APPROVED

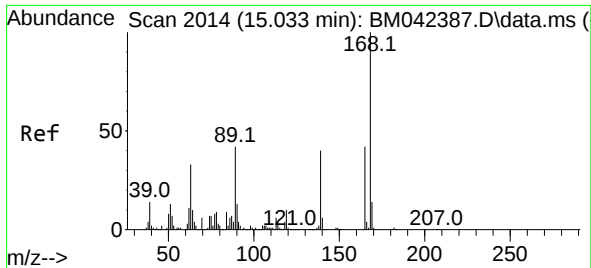
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 98.070 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion:139 Resp: 496609
Ion Ratio Lower Upper
139 100
109 78.1 58.0 98.0
65 110.7 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 46.548 ng

RT: 15.027 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BM042445.D

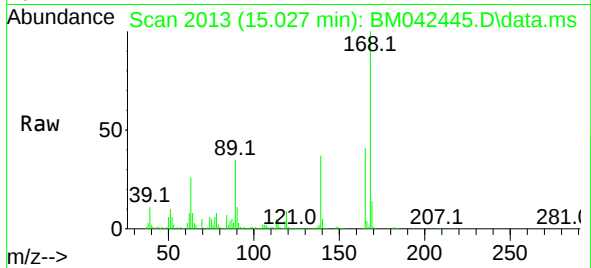
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD



Tgt Ion:165 Resp: 34849

Ion Ratio Lower Upper

165 100

63 65.1 62.9 94.3

89 85.8 80.2 120.2

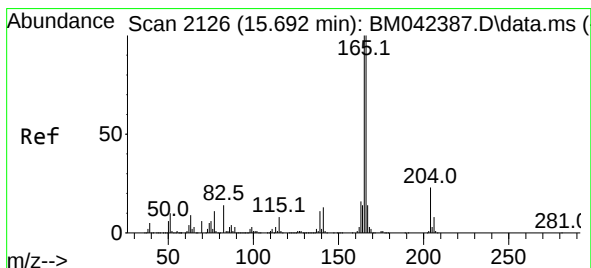
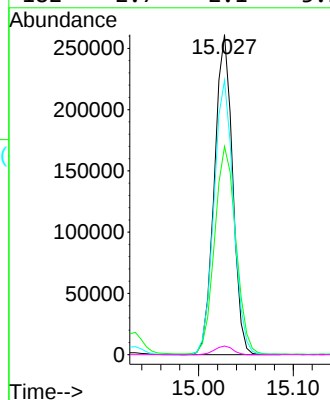
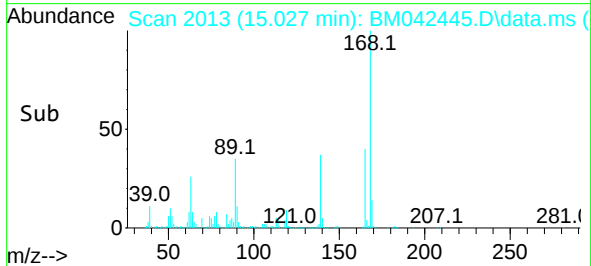
182 2.7 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#58

Fluorene

Concen: 48.915 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

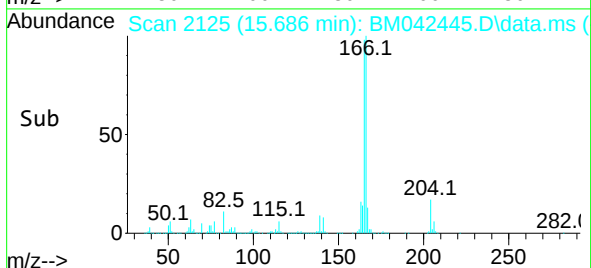
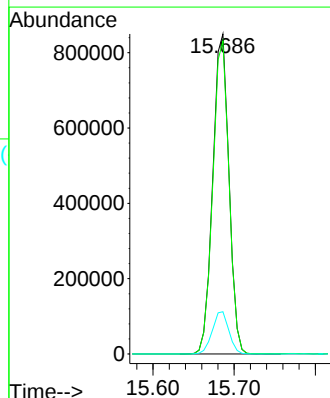
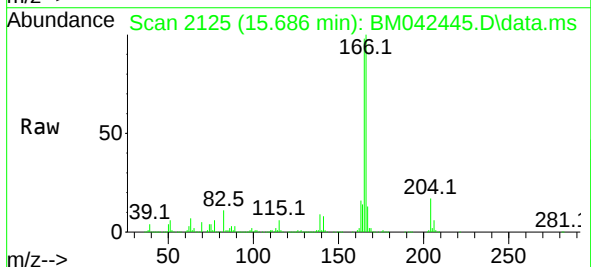
Tgt Ion:166 Resp: 1175557

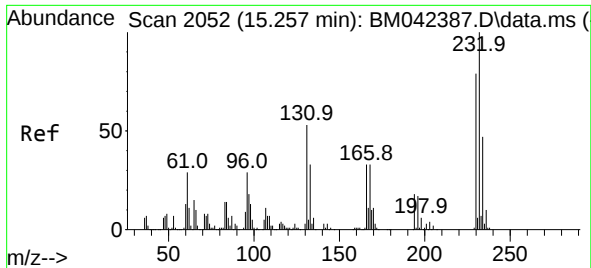
Ion Ratio Lower Upper

166 100

165 97.7 79.6 119.4

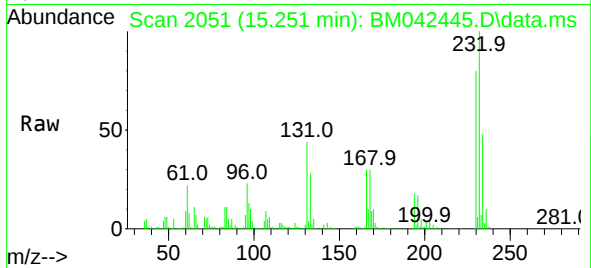
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.924 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

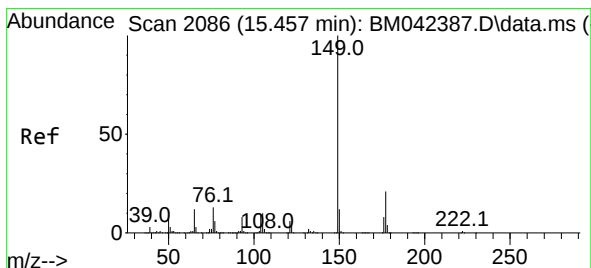
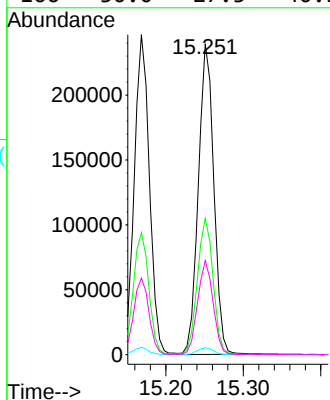
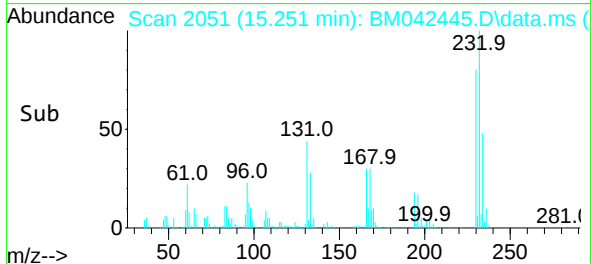
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:232 Resp: 33194
Ion Ratio Lower Upper
232 100
131 44.3 42.8 64.2
130 2.4 2.2 3.2
166 30.0 27.3 40.9

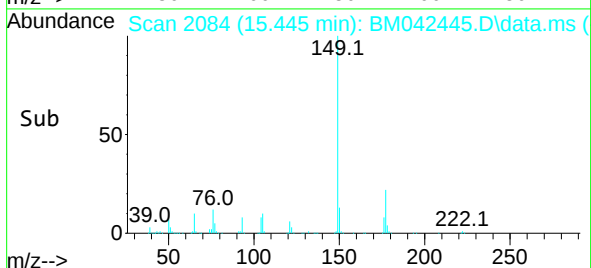
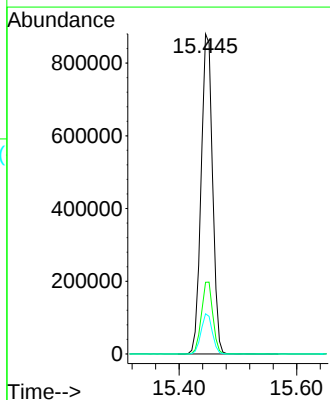
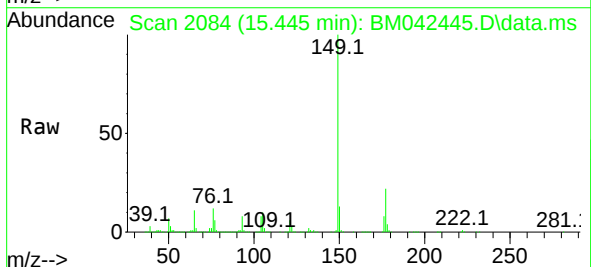
Manual Integrations
APPROVED

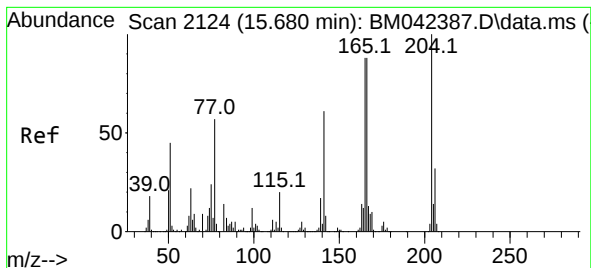
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#60
Diethylphthalate
Concen: 48.136 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

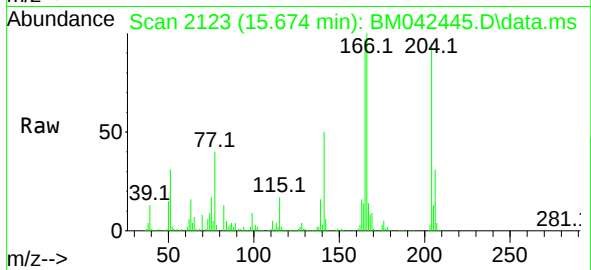
Tgt Ion:149 Resp: 1181049
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 53.282 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

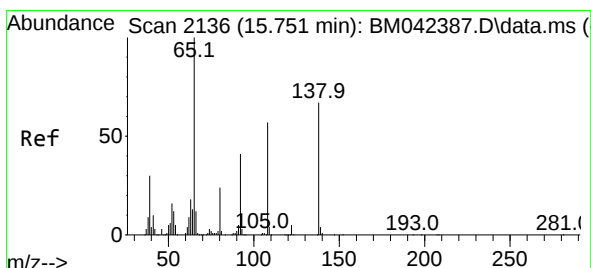
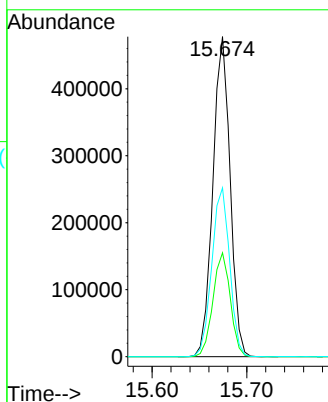
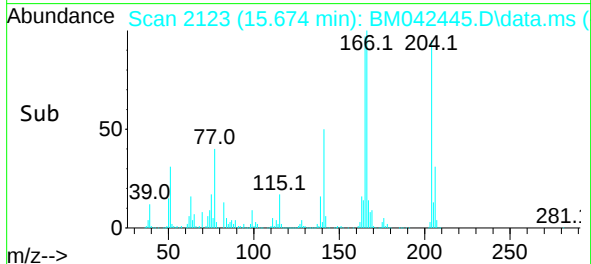
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



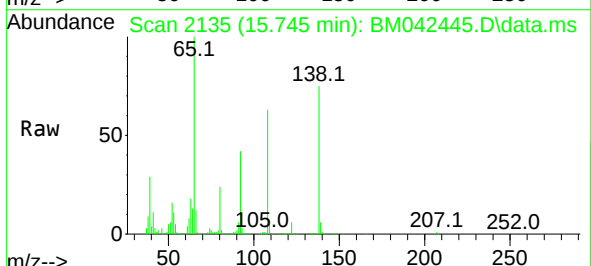
Tgt Ion:204 Resp: 603040
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 52.8 49.1 73.7

Manual Integrations
APPROVED

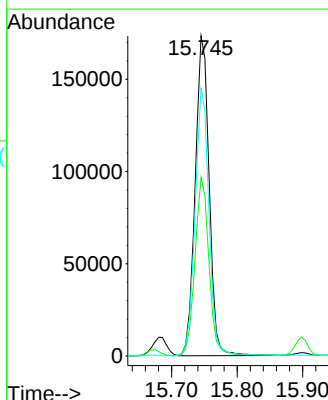
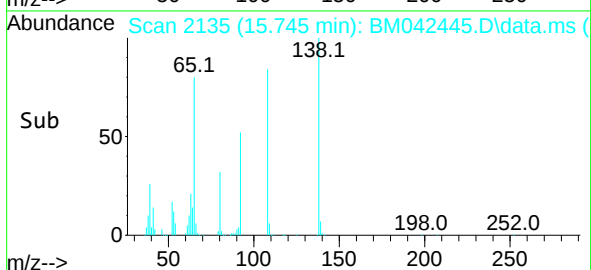
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

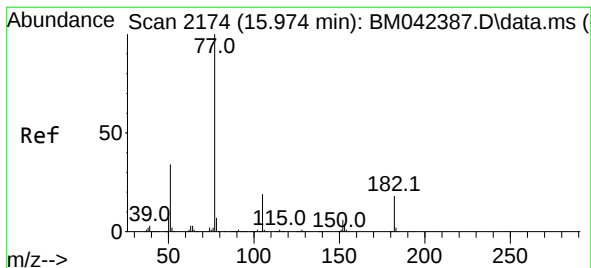


#62
4-Nitroaniline
Concen: 40.937 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



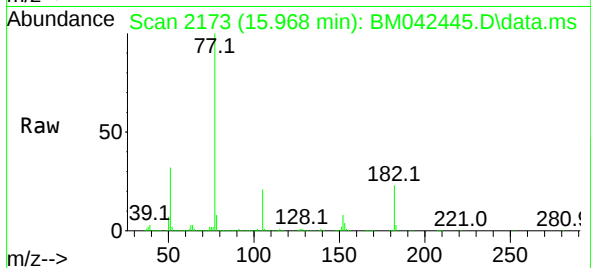
Tgt Ion:138 Resp: 257608
Ion Ratio Lower Upper
138 100
92 55.8 40.4 80.4
108 83.8 65.3 105.3





#63
Azobenzene
Concen: 44.104 ng
RT: 15.968 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

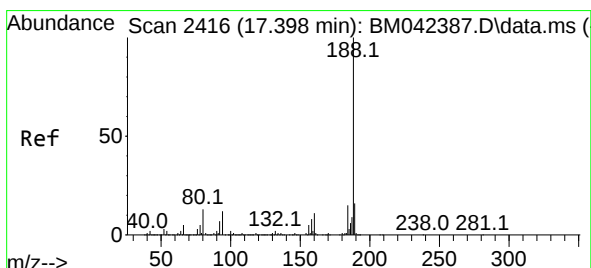
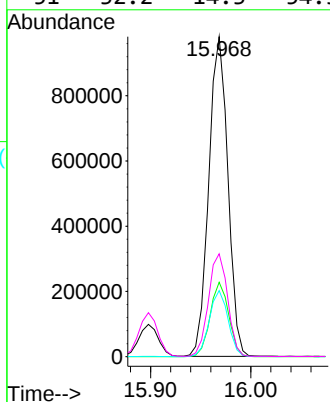
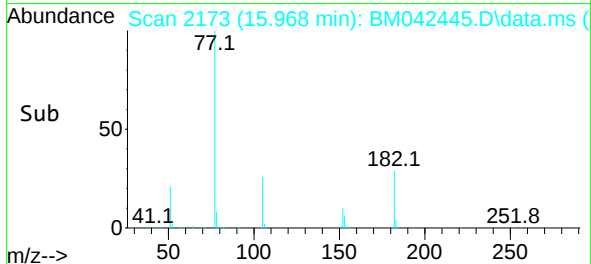
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion: 77 Resp: 129828
Ion Ratio Lower Upper
77 100
182 23.2 0.0 37.7
105 20.6 0.0 38.9
51 32.2 14.3 54.3

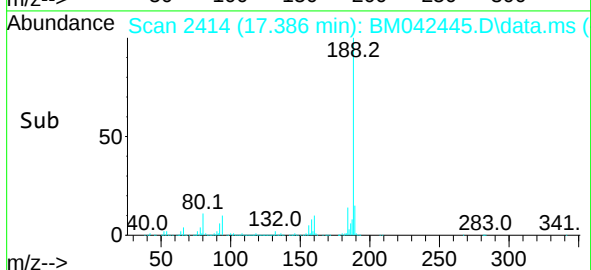
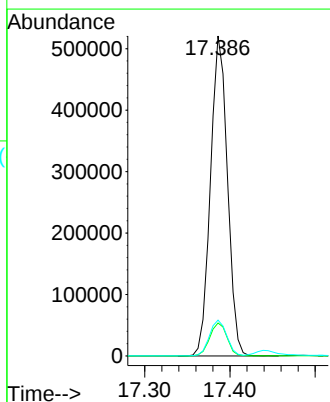
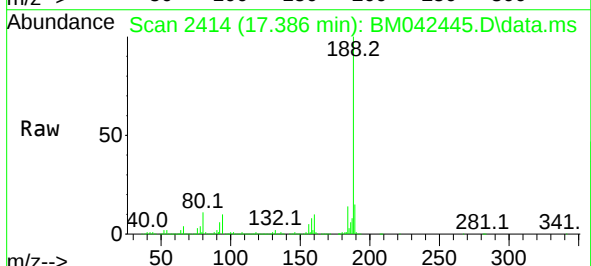
Manual Integrations
APPROVED

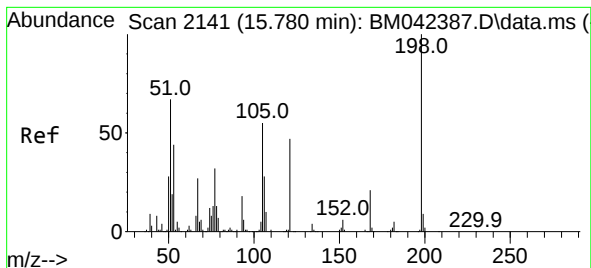
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

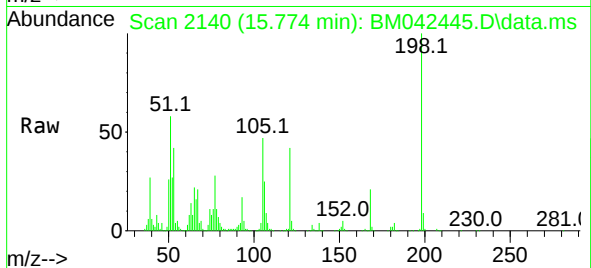
Tgt Ion:188 Resp: 720756
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.2 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 32.729 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

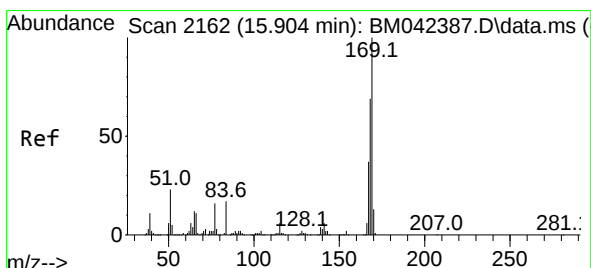
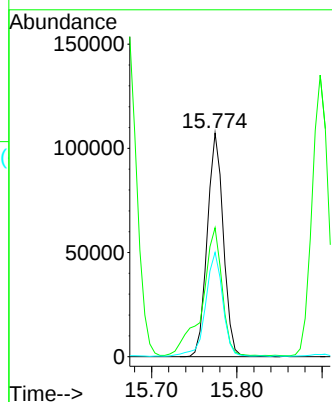
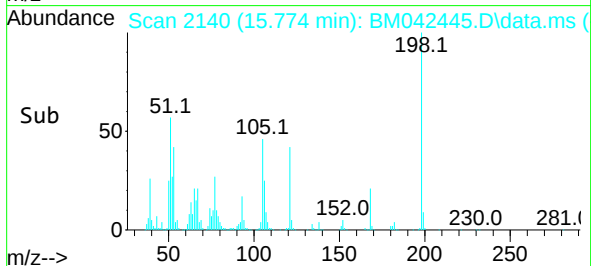
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



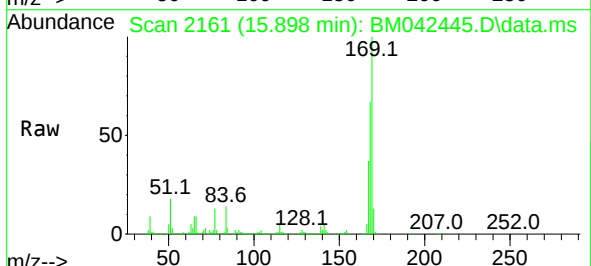
Tgt Ion:198 Resp: 14047
Ion Ratio Lower Upper
198 100
51 57.6 54.1 94.1
105 46.6 35.9 75.9

Manual Integrations
APPROVED

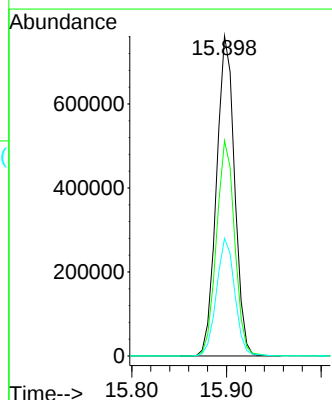
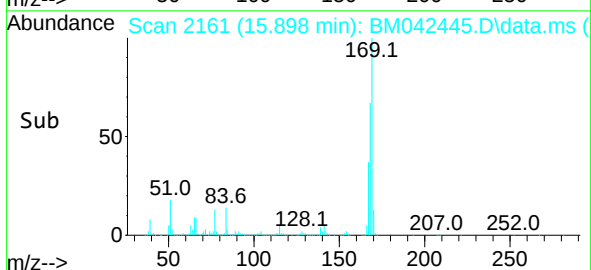
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

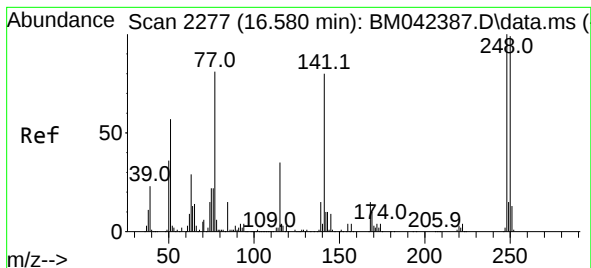


#66
n-Nitrosodiphenylamine
Concen: 46.601 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



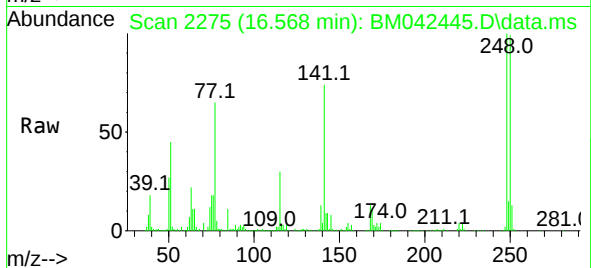
Tgt Ion:169 Resp: 1011672
Ion Ratio Lower Upper
169 100
168 67.2 55.4 83.2
167 36.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 51.244 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

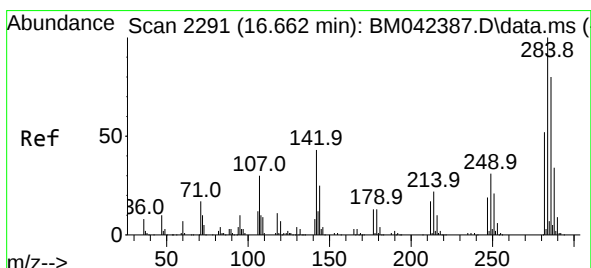
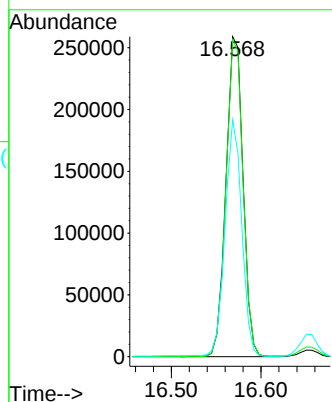
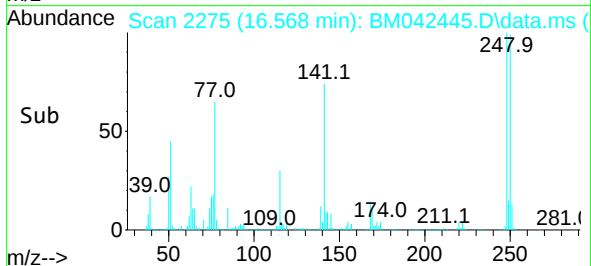
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



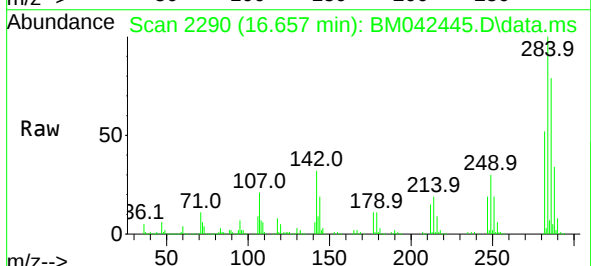
Tgt Ion:248 Resp: 34231
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.2
141 74.0 64.3 96.5

Manual Integrations
APPROVED

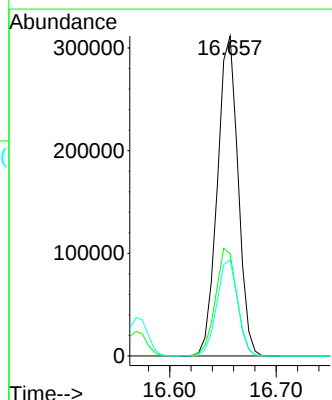
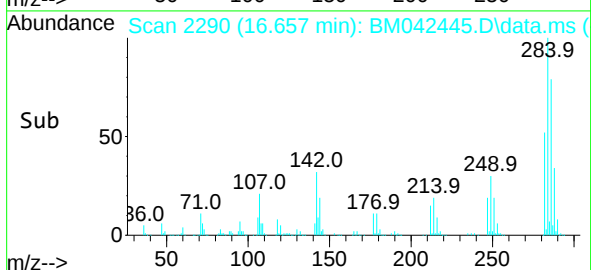
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

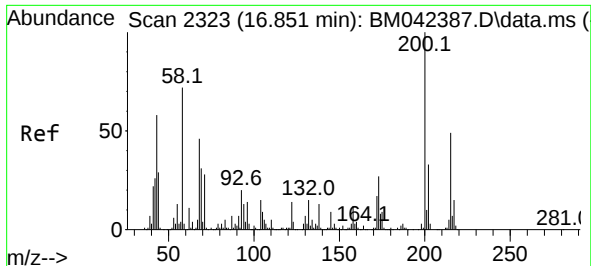


#68
Hexachlorobenzene
Concen: 58.736 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40



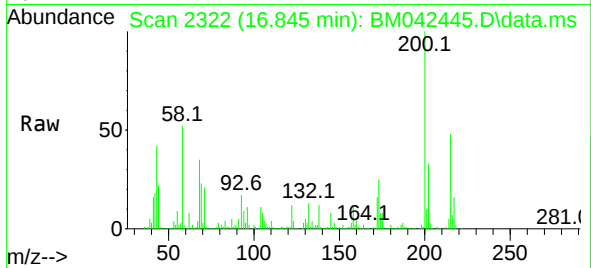
Tgt Ion:284 Resp: 419398
Ion Ratio Lower Upper
284 100
142 32.0 34.2 51.2#
249 30.0 24.7 37.1





#69
 Atrazine
 Concen: 67.397 ng
 RT: 16.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40

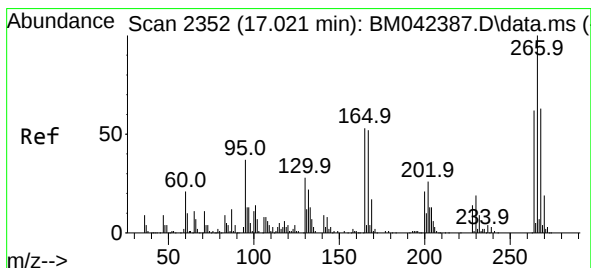
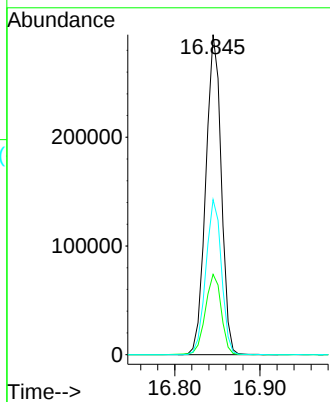
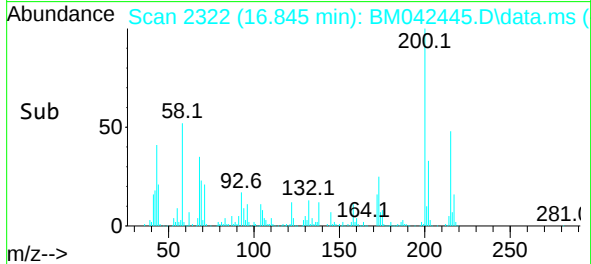
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MSD



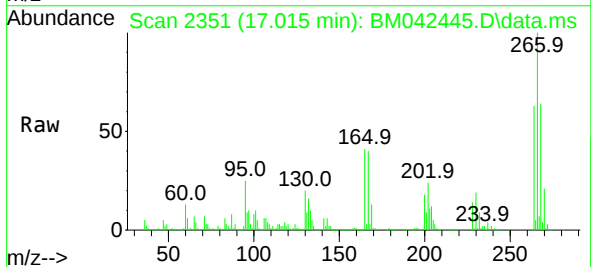
Tgt Ion:200 Resp: 371034
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.6 46.6
 215 48.5 28.6 68.6

Manual Integrations
 APPROVED

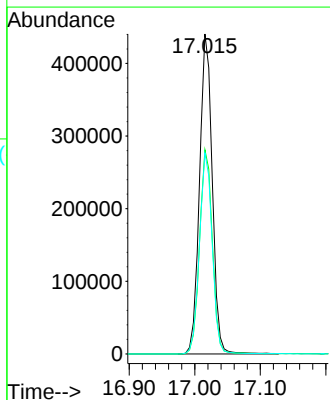
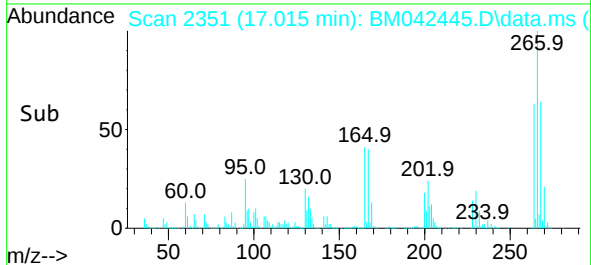
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

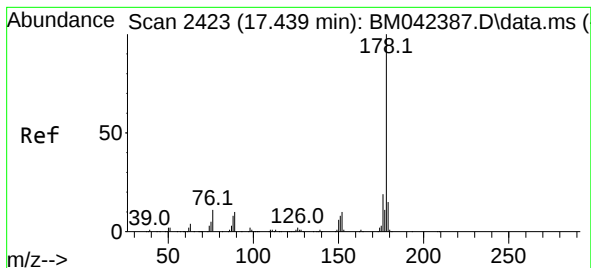


#70
 Pentachlorophenol
 Concen: 98.633 ng
 RT: 17.015 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40



Tgt Ion:266 Resp: 596929
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.6 76.0
 264 62.9 49.4 74.0





#71

Phenanthrene

Concen: 47.685 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD

Tgt Ion:178 Resp: 186968

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

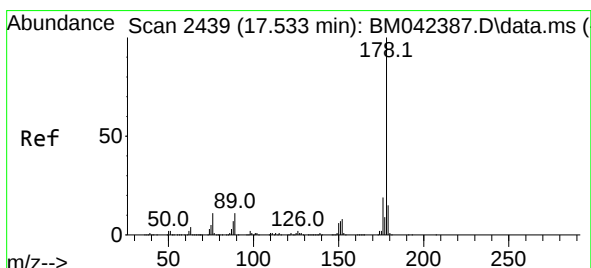
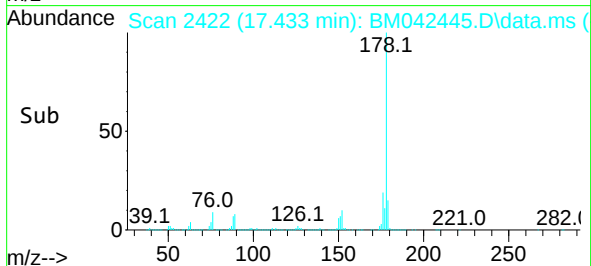
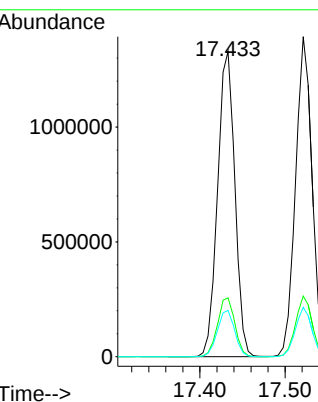
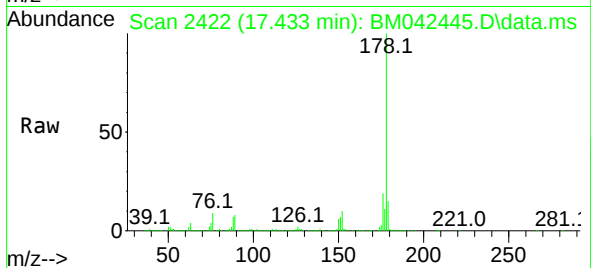
179 15.2 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#72

Anthracene

Concen: 48.399 ng

RT: 17.521 min Scan# 2437

Delta R.T. -0.012 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

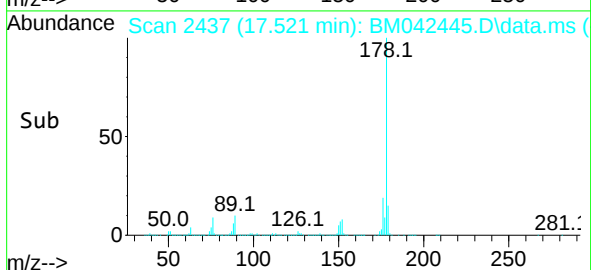
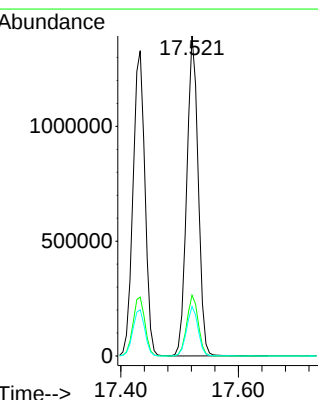
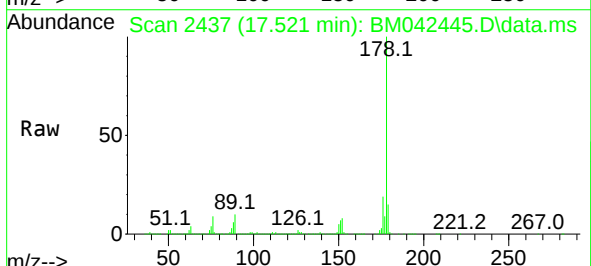
Tgt Ion:178 Resp: 1879438

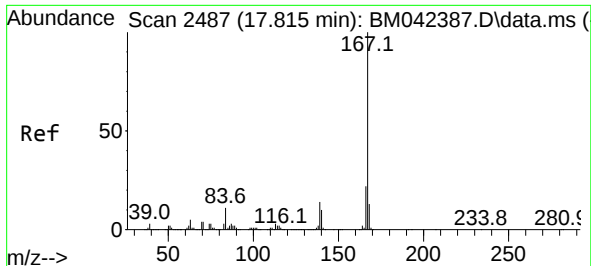
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

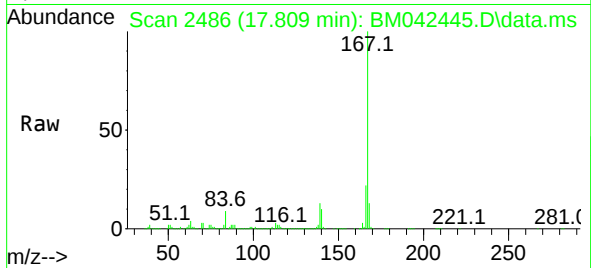
179 15.4 12.1 18.1





#73
 Carbazole
 Concen: 47.814 ng
 RT: 17.809 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40

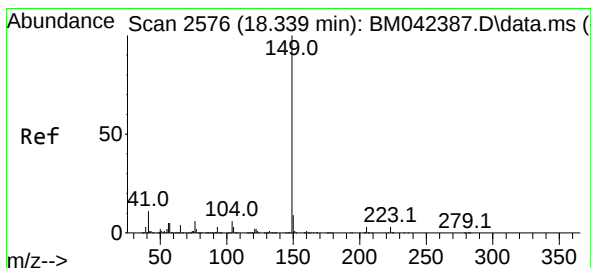
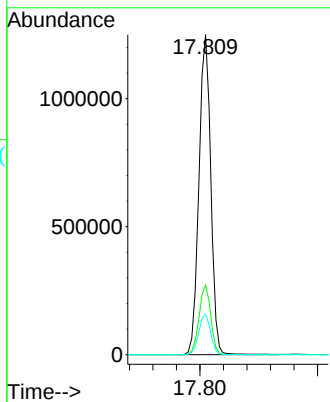
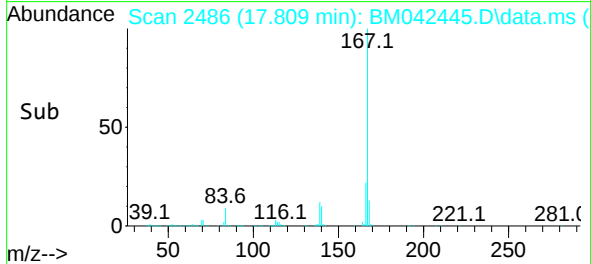
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MSD



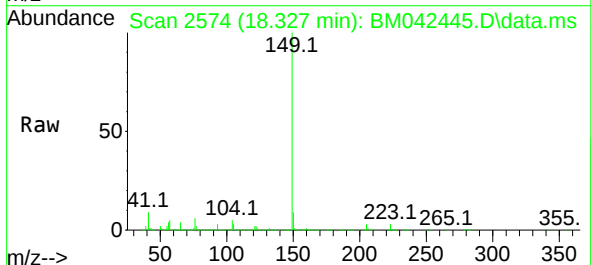
Tgt Ion:167 Resp: 1741824
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.6 10.9 16.3

Manual Integrations
 APPROVED

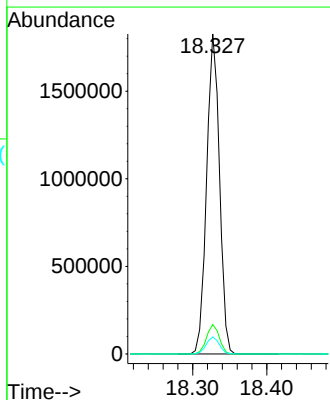
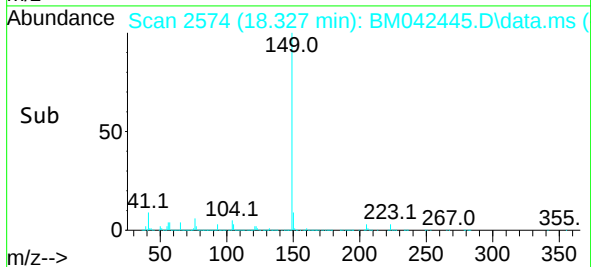
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

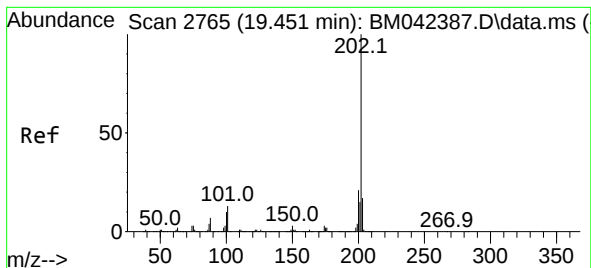


#74
 Di-n-butylphthalate
 Concen: 47.621 ng
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.012 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40



Tgt Ion:149 Resp: 2195686
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.4 4.6 7.0





#75

Fluoranthene

Concen: 52.150 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042445.D

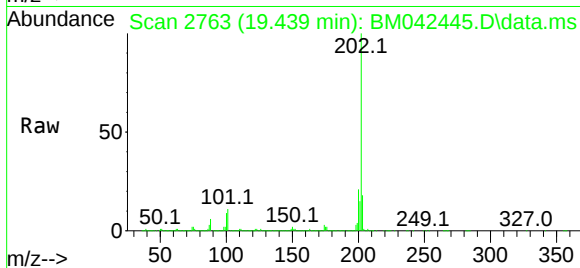
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD



Tgt Ion:202 Resp: 225199

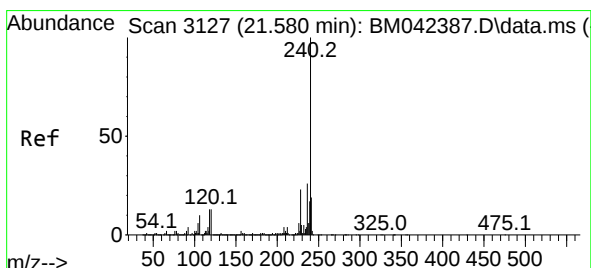
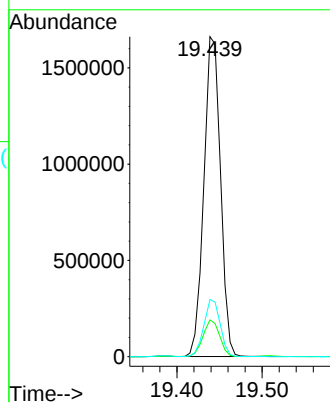
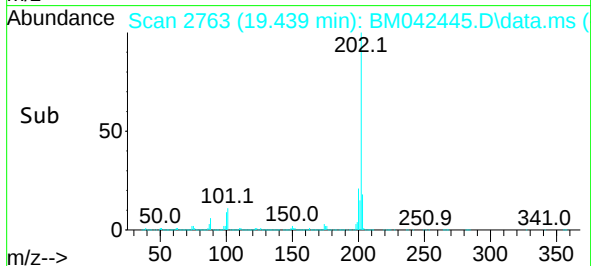
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.3
203	17.9	0.0	37.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

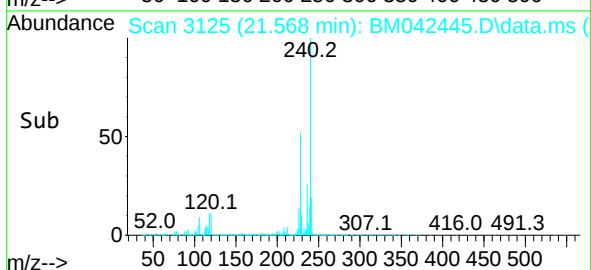
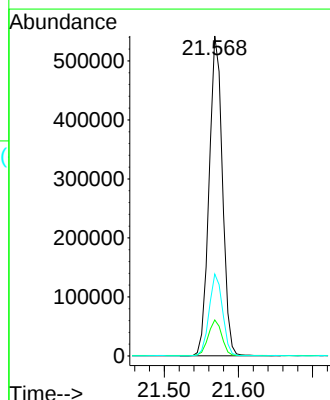
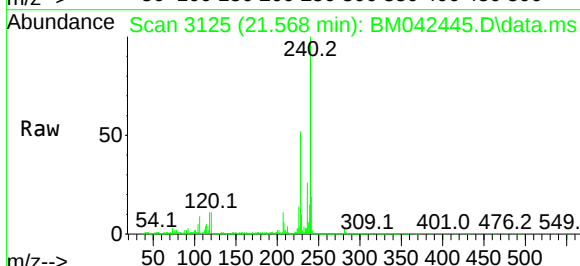
Delta R.T. -0.012 min

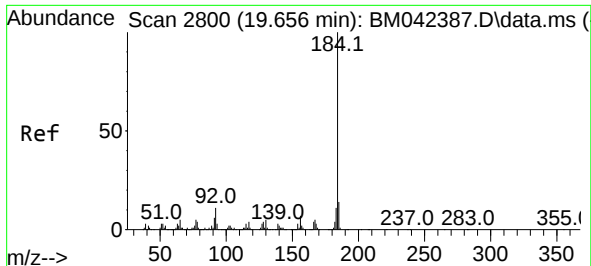
Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Tgt Ion:240 Resp: 677612

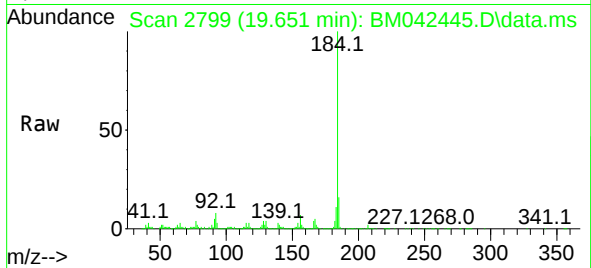
Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.7	16.1
236	25.6	20.7	31.1





#77
Benzidine
Concen: 83.342 ng
RT: 19.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

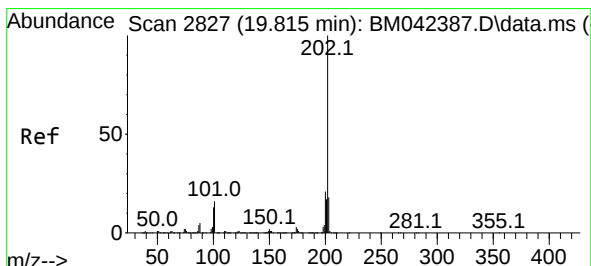
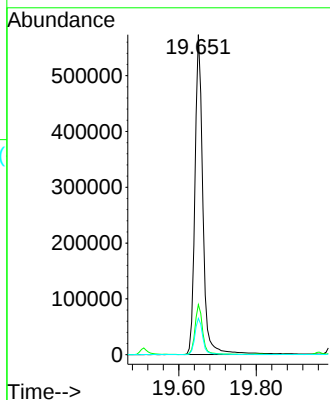
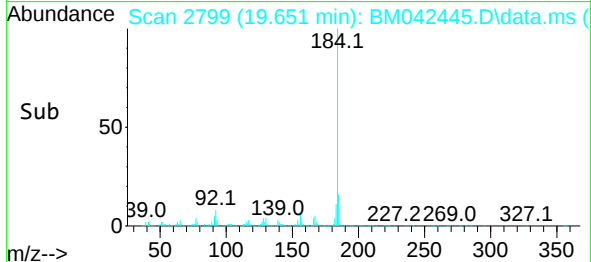
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:184 Resp: 81684
Ion Ratio Lower Upper
184 100
185 15.7 11.5 17.3
183 11.4 9.2 13.8

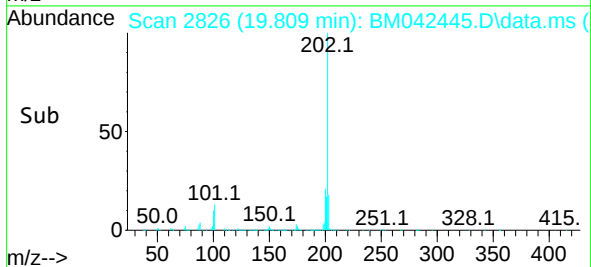
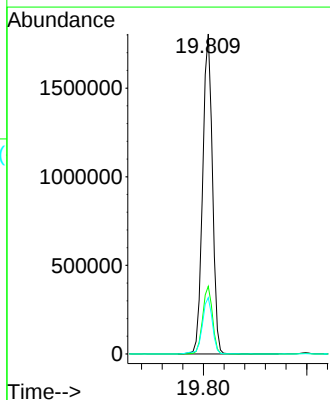
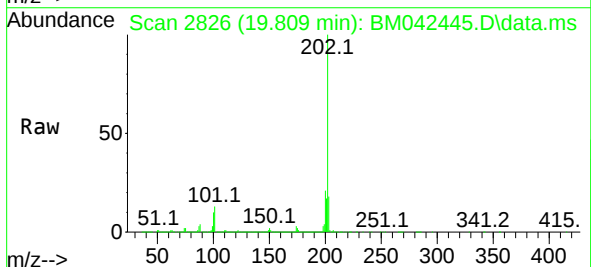
Manual Integrations
APPROVED

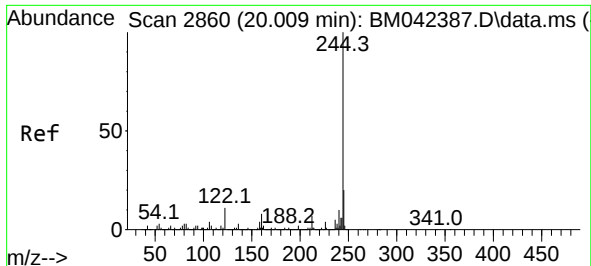
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#78
Pyrene
Concen: 49.924 ng
RT: 19.809 min Scan# 2826
Delta R.T. -0.006 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

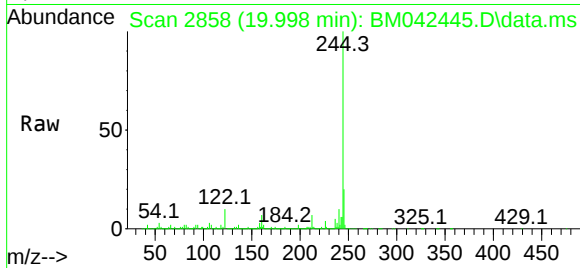
Tgt Ion:202 Resp: 2363947
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 65.068 ng
 RT: 19.998 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40

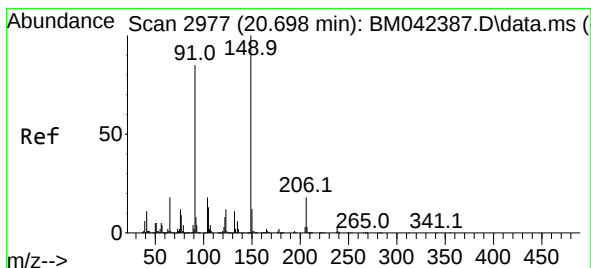
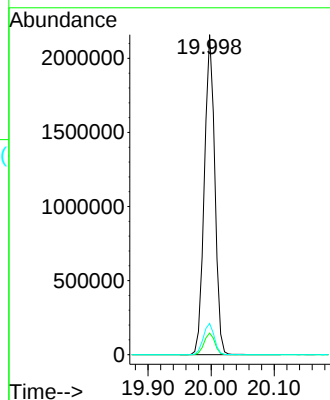
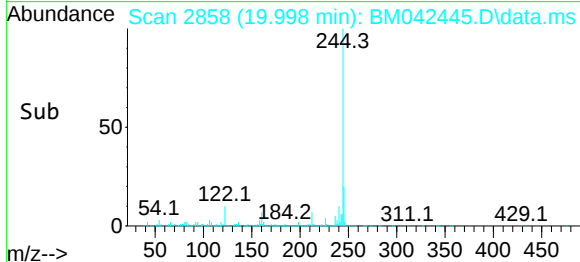
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B1-COMP-101623MSD



Tgt Ion:244 Resp: 2486104
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.7 8.8 13.2

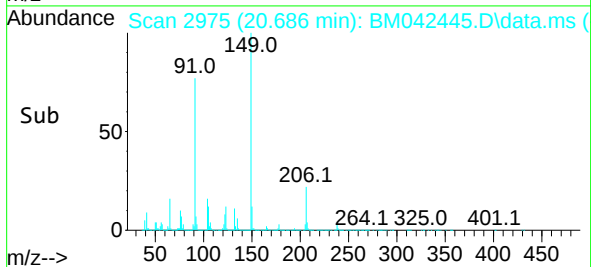
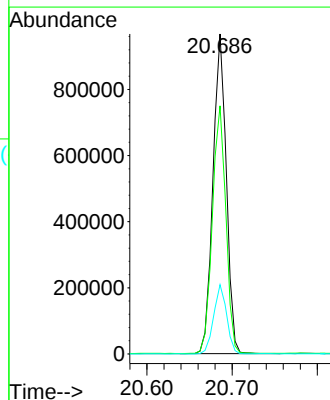
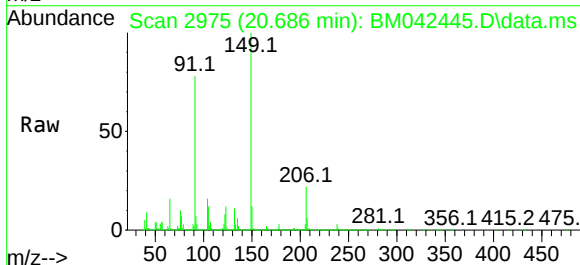
Manual Integrations
 APPROVED

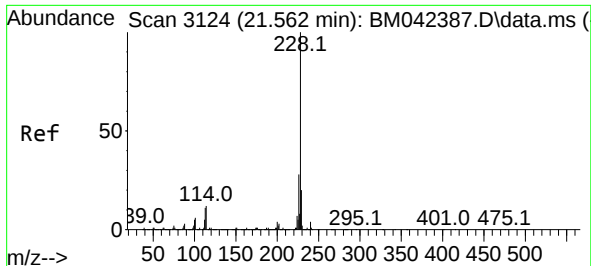
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023



#80
 Butylbenzylphthalate
 Concen: 48.917 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042445.D
 Acq: 25 Oct 2023 19:40

Tgt Ion:149 Resp: 1051391
 Ion Ratio Lower Upper
 149 100
 91 77.5 68.3 102.5
 206 21.6 14.6 22.0





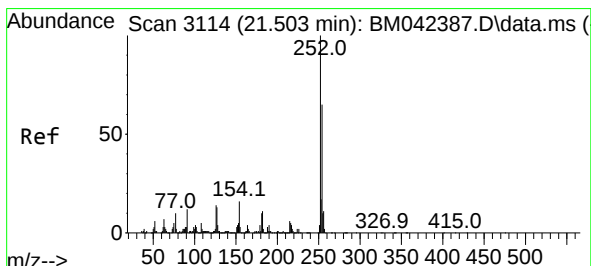
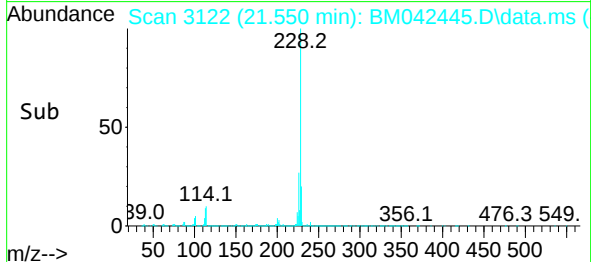
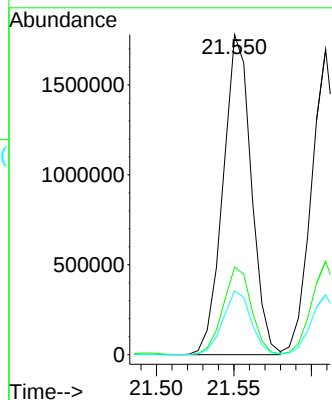
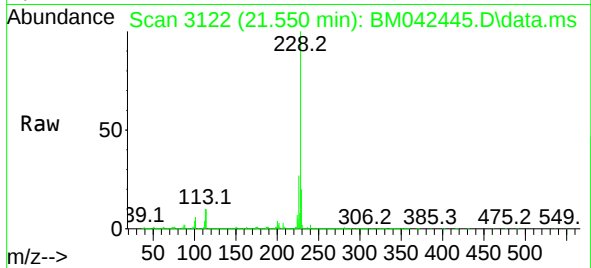
#81
Benzo(a)anthracene
Concen: 49.537 ng
RT: 21.550 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

Tgt Ion:228 Resp: 225027
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.9 15.7 23.5

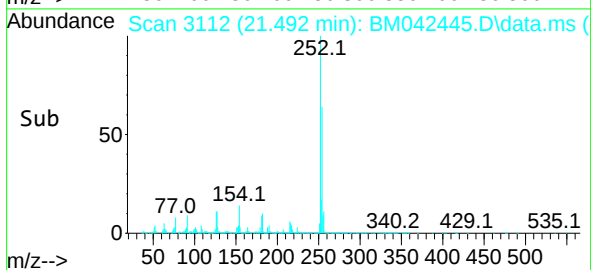
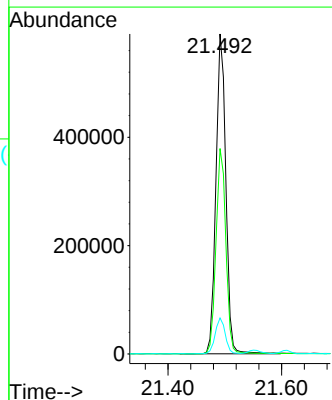
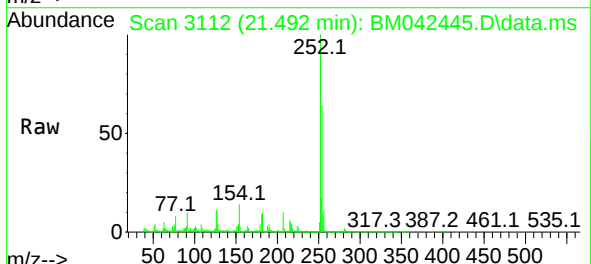
Manual Integrations
APPROVED

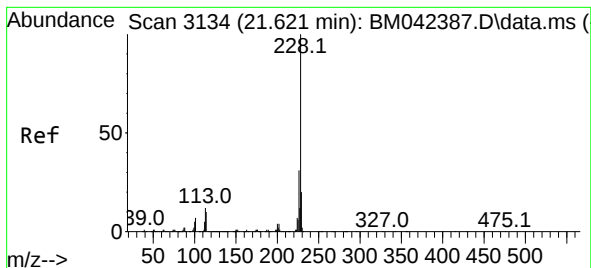
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.437 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion:252 Resp: 711073
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.2
126 11.2 11.4 17.2#





#83

Chrysene

Concen: 46.866 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD

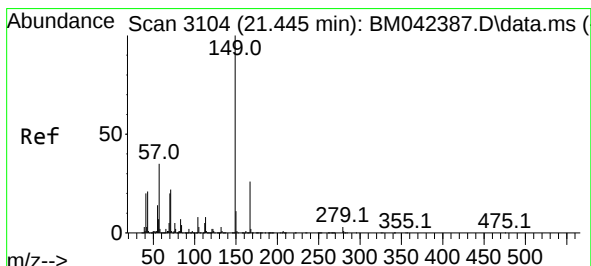
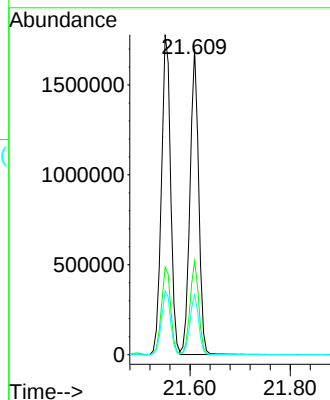
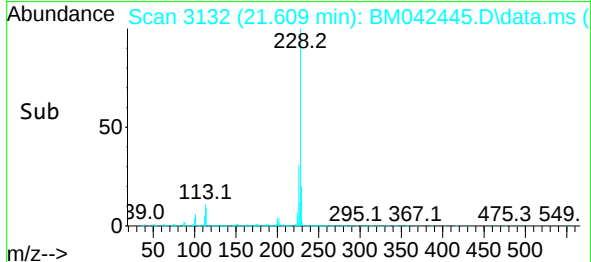
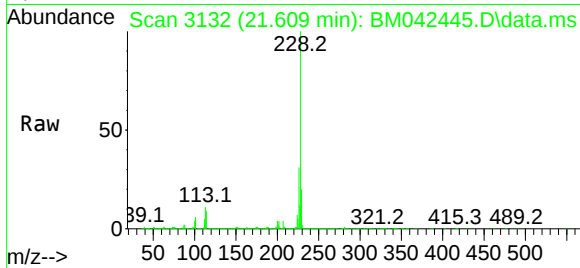
Tgt Ion:228 Resp: 2044764
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 36.8
 229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.177 ng

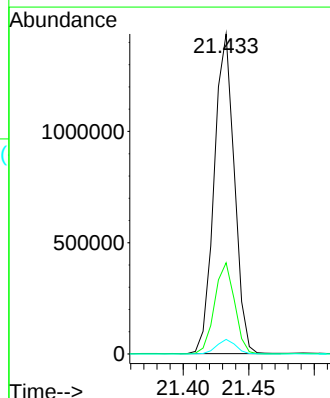
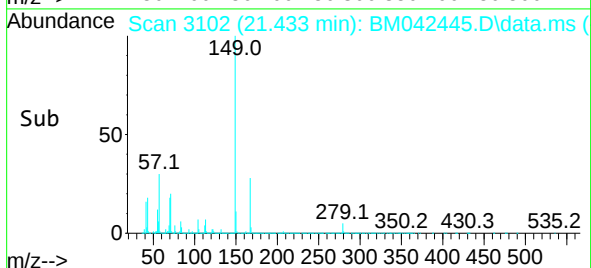
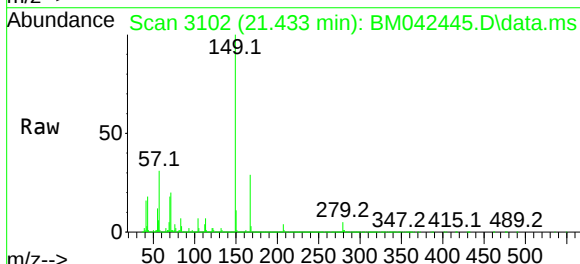
RT: 21.433 min Scan# 3102

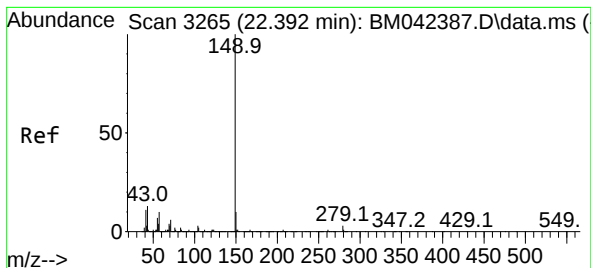
Delta R.T. -0.012 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

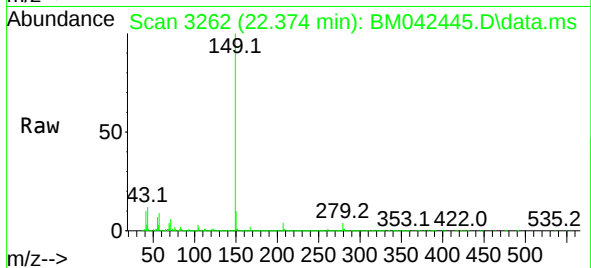
Tgt Ion:149 Resp: 1536115
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.9 31.3
 279 4.6 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 50.876 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

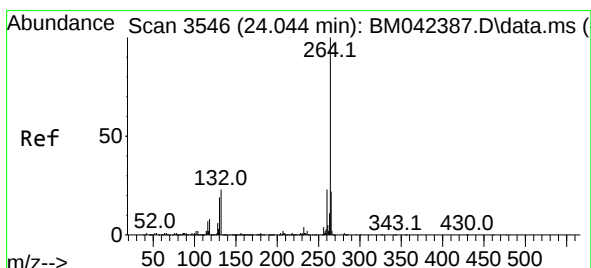
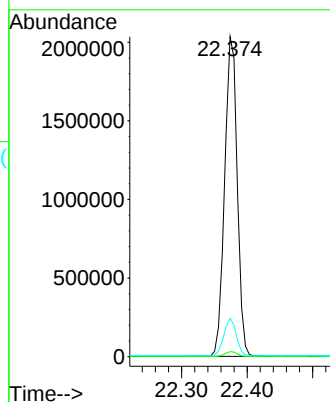
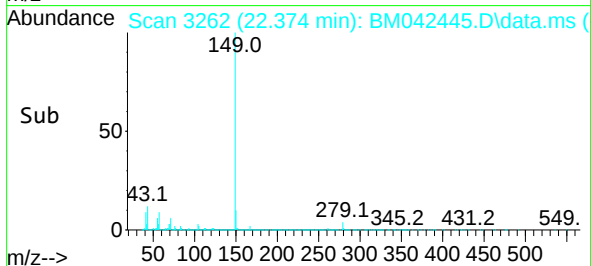
Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD



Tgt Ion:149 Resp: 269018
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 11.0 16.6

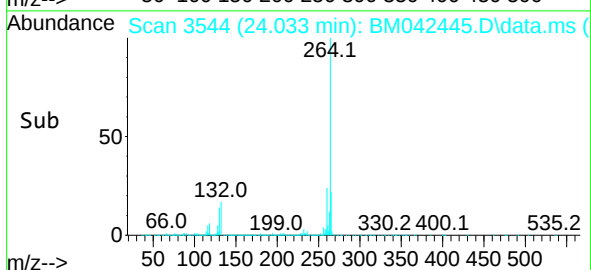
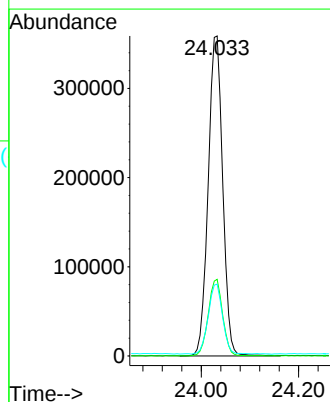
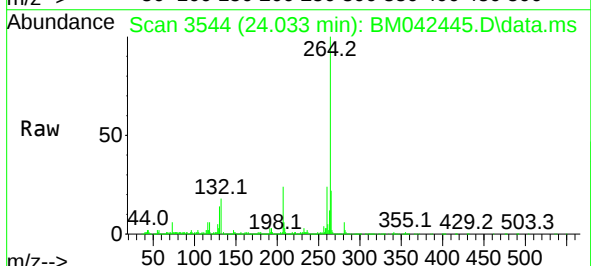
Manual Integrations
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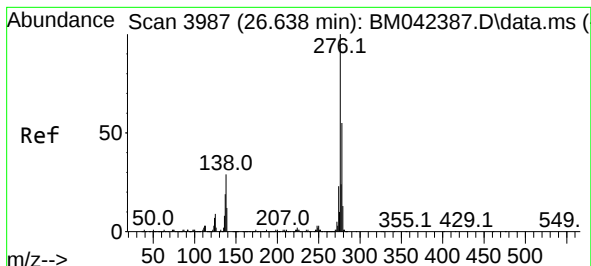
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion:264 Resp: 740101
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.812 ng

RT: 26.615 min Scan# 3983

Delta R.T. -0.024 min

Lab File: BM042445.D

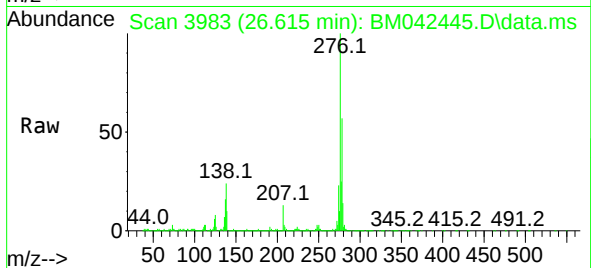
Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD



Tgt Ion:276 Resp: 242372

Ion Ratio Lower Upper

276 100

138 25.5 25.6 38.4

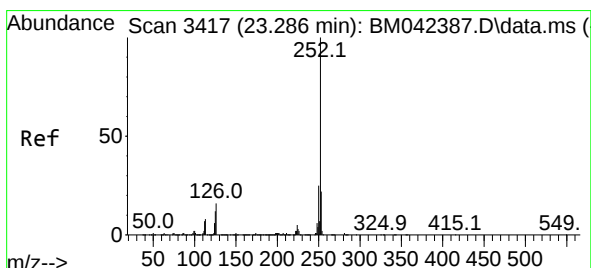
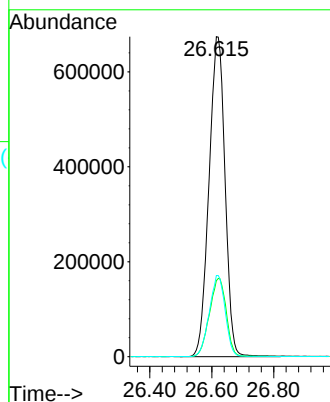
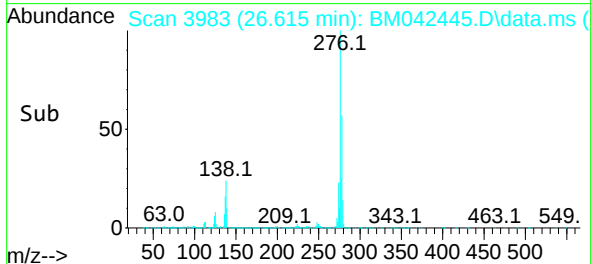
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#88

Benzo(b)fluoranthene

Concen: 49.518 ng m

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

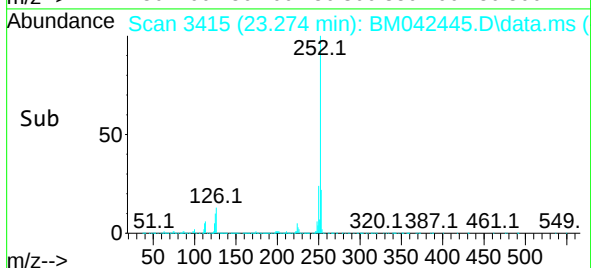
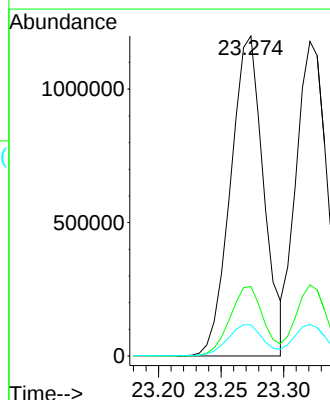
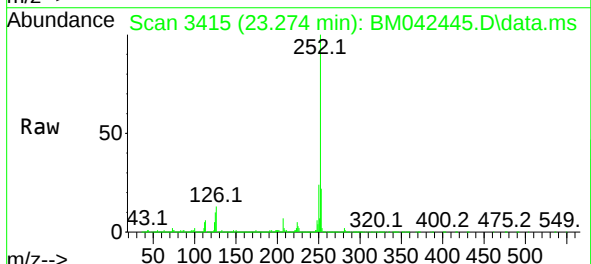
Tgt Ion:252 Resp: 2205967

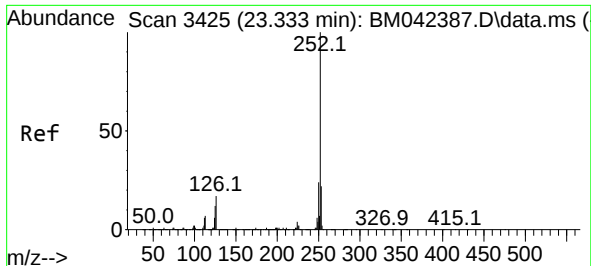
Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 9.7 9.8 14.8#





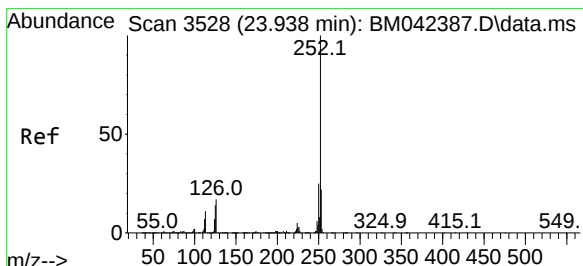
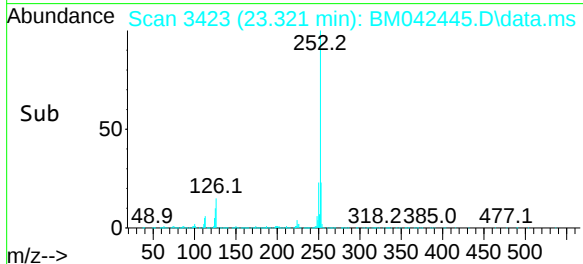
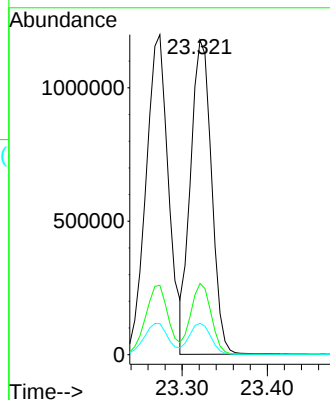
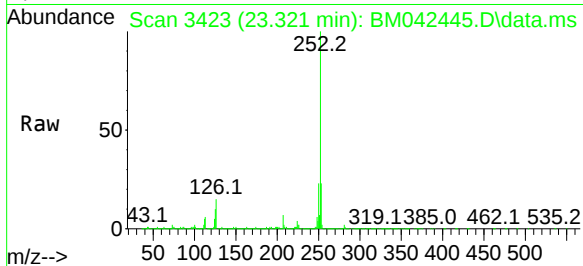
#89
Benzo(k)fluoranthene
Concen: 43.477 ng
RT: 23.321 min Scan# 3425
Delta R.T. -0.012 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Instrument :
BNA_M
ClientSampleId :
LSS-B1-COMP-101623MSD

Tgt Ion:252 Resp: 201087
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.0 10.2 15.2

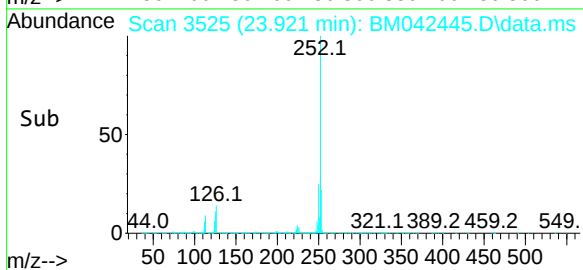
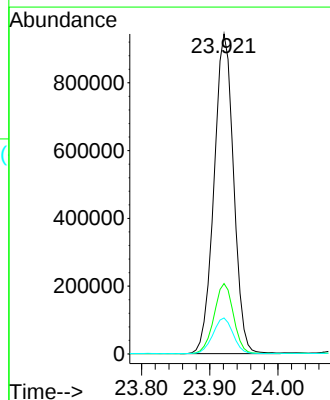
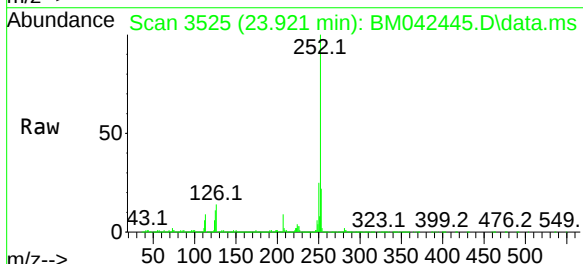
Manual Integrations
APPROVED

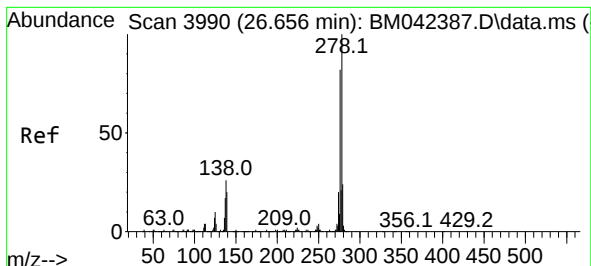
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#90
Benzo(a)pyrene
Concen: 44.051 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.018 min
Lab File: BM042445.D
Acq: 25 Oct 2023 19:40

Tgt Ion:252 Resp: 1888849
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 45.047 ng

RT: 26.638 min Scan# 3990

Delta R.T. -0.018 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Instrument :

BNA_M

ClientSampleId :

LSS-B1-COMP-101623MSD

Tgt Ion:278 Resp: 2025710

Ion Ratio Lower Upper

278 100

139 15.5 15.6 23.4

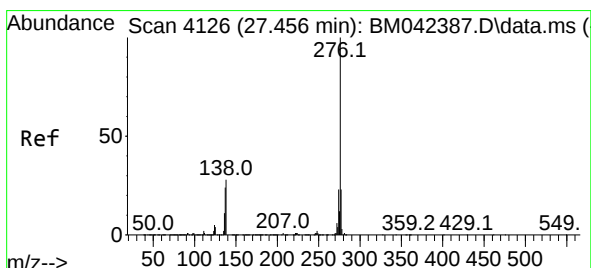
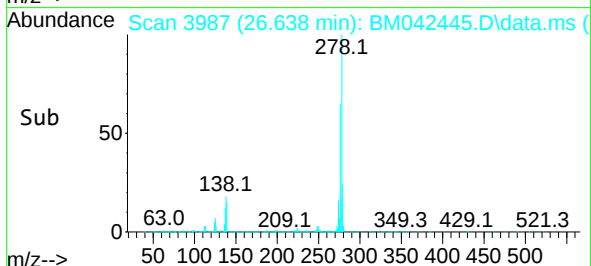
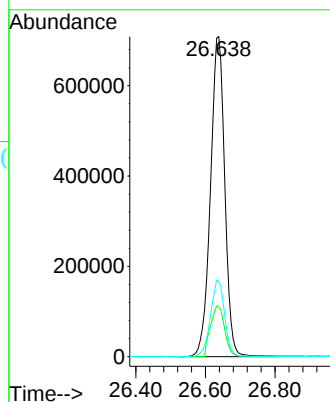
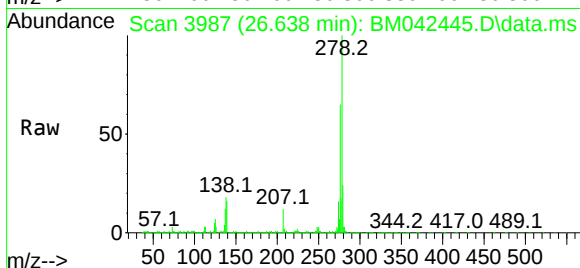
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#92

Benzo(g,h,i)perylene

Concen: 44.205 ng

RT: 27.426 min Scan# 4121

Delta R.T. -0.029 min

Lab File: BM042445.D

Acq: 25 Oct 2023 19:40

Tgt Ion:276 Resp: 1930492

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 22.4 22.6 34.0

