

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
 Data File : BM047531.D
 Acq On : 14 Sep 2024 19:51
 Operator : RC/JU
 Sample : PB163160BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 PB163160BSD

Quant Time: Sep 16 01:17:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	915153	40.000	ng	0.00
21) Naphthalene-d8	10.651	136	4067259	40.000	ng	0.00
39) Acenaphthene-d10	14.486	164	2341128	40.000	ng	0.00
64) Phenanthrene-d10	17.215	188	4194273	40.000	ng	0.00
76) Chrysene-d12	21.445	240	2967510	40.000	ng	0.00
86) Perylene-d12	24.468	264	2038940	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	8708263	303.019	ng	0.00
7) Phenol-d6	7.028	99	11070072	273.526	ng	0.02
23) Nitrobenzene-d5	9.010	82	6487917	159.663	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	3030806	267.869	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	13235502	155.756	ng	0.00
79) Terphenyl-d14	19.827	244	13042094	157.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	568192	46.160	ng	99
3) Pyridine	3.716	79	1703424m	46.491	ng	
4) n-Nitrosodimethylamine	3.628	42	1404305	84.474	ng	# 98
6) Aniline	7.193	93	1441878	40.186	ng	99
8) 2-Chlorophenol	7.422	128	3027218	95.553	ng	97
9) Benzaldehyde	6.987	77	194829	10.124	ng	97
10) Phenol	7.051	94	3982655	98.279	ng	97
11) bis(2-Chloroethyl)ether	7.275	93	2884917	88.675	ng	99
12) 1,3-Dichlorobenzene	7.745	146	2911633	83.965	ng	98
13) 1,4-Dichlorobenzene	7.887	146	3013656	85.326	ng	99
14) 1,2-Dichlorobenzene	8.204	146	2938336	84.535	ng	99
15) Benzyl Alcohol	8.093	79	2650169	96.671	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	3966084	86.663	ng	99
17) 2-Methylphenol	8.293	107	2459080	94.989	ng	99
18) Hexachloroethane	8.940	117	1160992	82.285	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	2379092	87.187	ng	96
20) 3+4-Methylphenols	8.628	107	3375226	93.439	ng	99
22) Acetophenone	8.675	105	4242210	79.345	ng	# 98
24) Nitrobenzene	9.051	77	3306331	79.183	ng	99
25) Isophorone	9.587	82	6095578	85.326	ng	98
26) 2-Nitrophenol	9.757	139	1427182	100.303	ng	97
27) 2,4-Dimethylphenol	9.822	122	2159575	100.123	ng	99
28) bis(2-Chloroethoxy)met...	10.063	93	3738646	83.316	ng	100
29) 2,4-Dichlorophenol	10.298	162	2626663	95.853	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	2649083	84.394	ng	99
31) Naphthalene	10.698	128	9220476	83.951	ng	99
32) Benzoic acid	10.016	122	1763745	84.773	ng	97
33) 4-Chloroaniline	10.804	127	1486245	37.427	ng	99
34) Hexachlorobutadiene	10.992	225	1400525	80.554	ng	99
35) Caprolactam	11.616	113	701595m	77.732	ng	
36) 4-Chloro-3-methylphenol	11.933	107	2861796	91.127	ng	99
37) 2-Methylnaphthalene	12.310	142	6472913	88.549	ng	99
38) 1-Methylnaphthalene	12.528	142	5920620	81.501	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	2736865	86.405	ng	99
41) Hexachlorocyclopentadiene	12.669	237	2026060	195.664	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	1869709	94.220	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	2127335	94.911	ng	97
46) 1,1'-Biphenyl	13.322	154	7279022	79.922	ng	99
47) 2-Chloronaphthalene	13.363	162	5891760	83.312	ng	99
48) 2-Nitroaniline	13.557	65	1828124	88.012	ng	94
49) Acenaphthylene	14.204	152	9508223	93.171	ng	99
50) Dimethylphthalate	13.951	163	6791885	85.129	ng	99
51) 2,6-Dinitrotoluene	14.057	165	1384837	82.222	ng	96
52) Acenaphthene	14.551	154	6732590m	94.156	ng	
53) 3-Nitroaniline	14.380	138	1178112	62.931	ng	96
54) 2,4-Dinitrophenol	14.586	184	1551705	162.560	ng	91
55) Dibenzofuran	14.886	168	8561086	85.202	ng	99
56) 4-Nitrophenol	14.698	139	2729881	177.209	ng	91
57) 2,4-Dinitrotoluene	14.839	165	1916492	85.319	ng	97
58) Fluorene	15.527	166	7540888	83.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1590245	91.000	ng	97
60) Diethylphthalate	15.310	149	7045563	82.976	ng	97
61) 4-Chlorophenyl-phenyle...	15.521	204	3507560	84.797	ng	97
62) 4-Nitroaniline	15.551	138	1650156	74.988	ng	98
63) Azobenzene	15.816	77	7507862	80.301	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	974425	91.938	ng	87
66) n-Nitrosodiphenylamine	15.739	169	5906831	92.070	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1916606	94.056	ng	95
68) Hexachlorobenzene	16.533	284	2055417	89.039	ng	95
69) Atrazine	16.686	200	1057596	59.643	ng	99
70) Pentachlorophenol	16.868	266	2742775	204.966	ng	100
71) Phenanthrene	17.263	178	10246701	88.660	ng	99
72) Anthracene	17.351	178	9986275	89.935	ng	99
73) Carbazole	17.615	167	9361501	85.073	ng	100
74) Di-n-butylphthalate	18.186	149	11329108	86.045	ng	# 96
75) Fluoranthene	19.268	202	10645299	84.421	ng	99
77) Benzidine	19.445	184	445342	21.311	ng	99
78) Pyrene	19.627	202	10890348	100.624	ng	96
80) Butylbenzylphthalate	20.521	149	4532923	108.800	ng	98
81) Benzo(a)anthracene	21.427	228	8885057	91.872	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	2128086	82.720	ng	99
83) Chrysene	21.486	228	8153284	89.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	6704801	102.729	ng	97
85) Di-n-octyl phthalate	22.503	149	9410144	101.930	ng	97
87) Indeno(1,2,3-cd)pyrene	27.909	276	7503388	122.986	ng	98
88) Benzo(b)fluoranthene	23.515	252	6908659	104.738	ng	99
89) Benzo(k)fluoranthene	23.580	252	7138421	109.196	ng	99
90) Benzo(a)pyrene	24.333	252	6146347	113.690	ng	100
91) Dibenzo(a,h)anthracene	27.968	278	6411736	124.911	ng	98
92) Benzo(g,h,i)perylene	28.974	276	5874966	117.168	ng	98

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

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Misc :
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BNA_M

ClientSampleId :

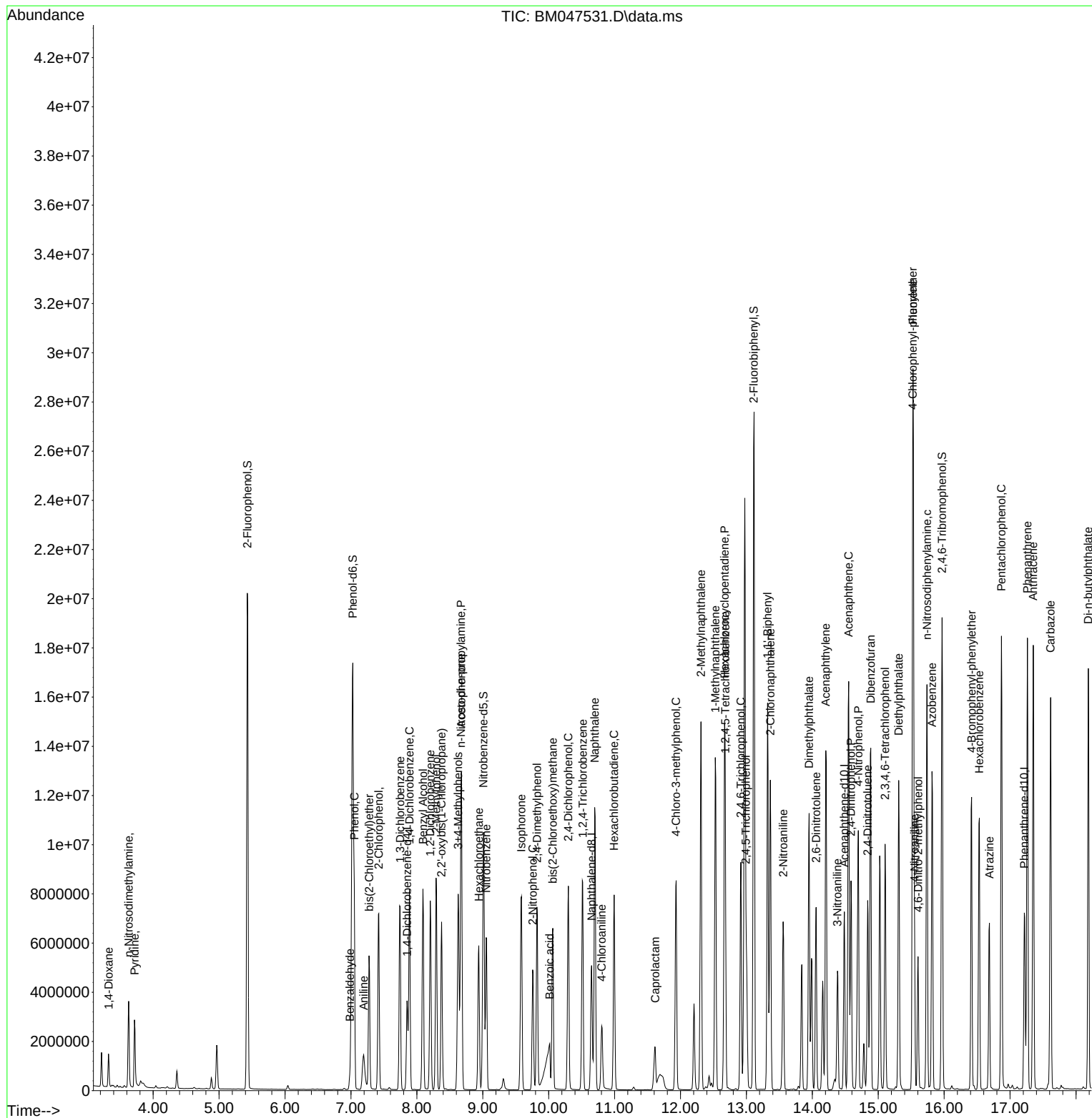
PB163160BSD

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/17/2024

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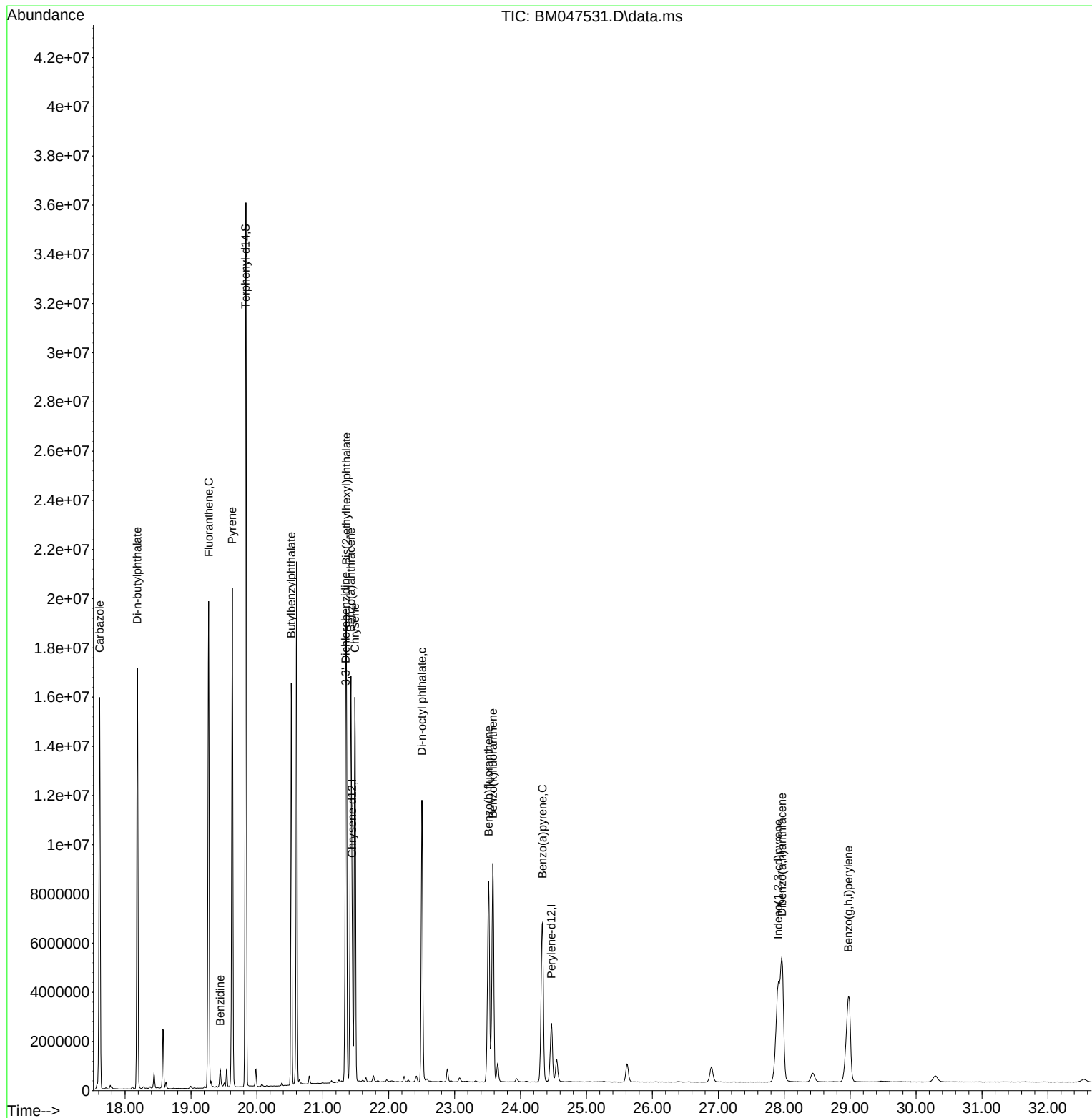
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091424\
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ALS Vial : 14 Sample Multiplier: 2

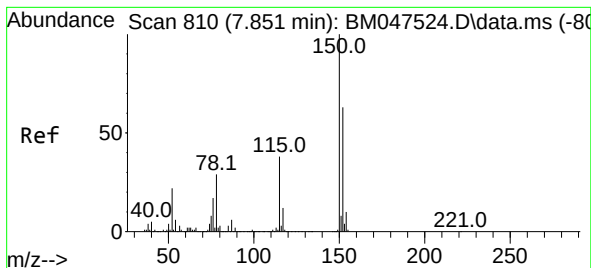
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BNA_M
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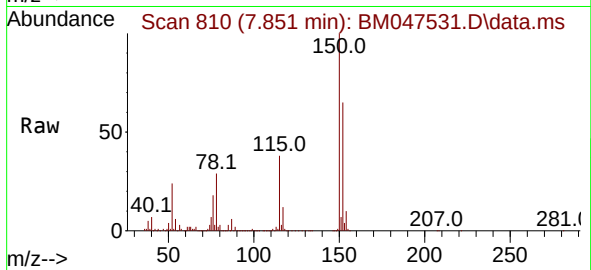
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#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047531.D
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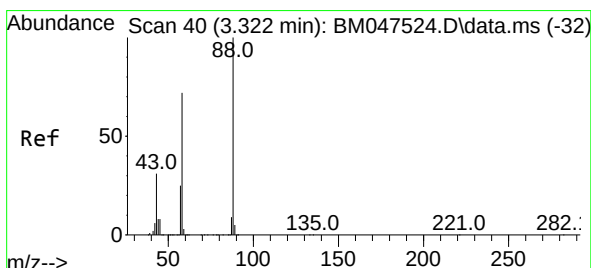
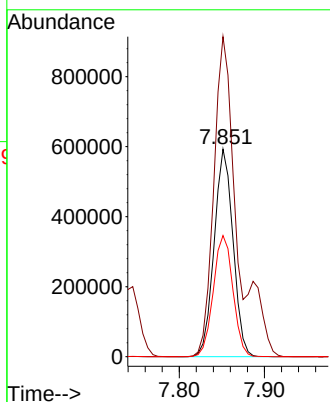
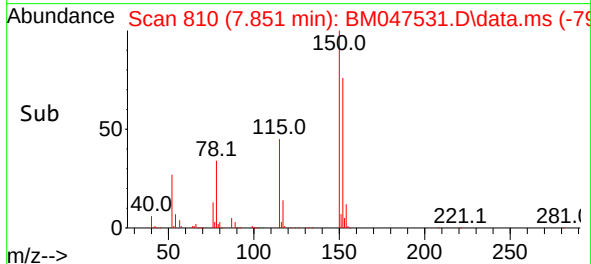
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 152 Resp: 91515
Ion Ratio Lower Upper
152 100
150 154.2 126.8 190.2
115 58.4 47.8 71.8

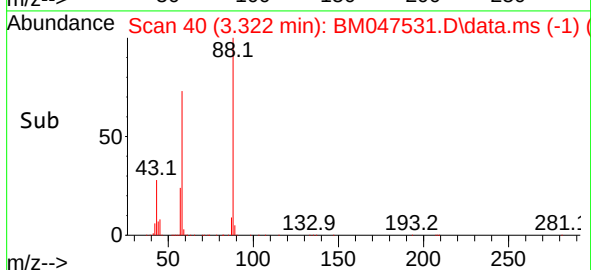
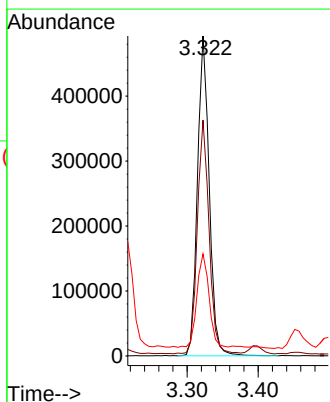
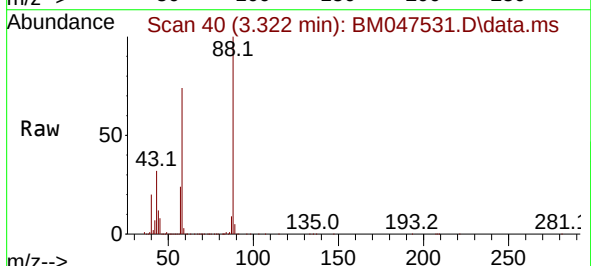
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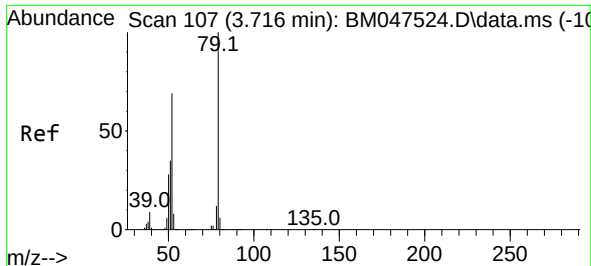
Reviewed By :Jagrut Upadhyay 09/16/2024
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#2
1,4-Dioxane
Concen: 46.160 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

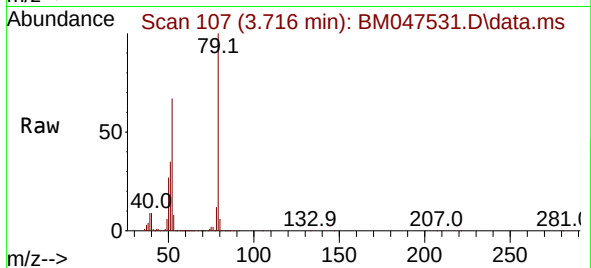
Tgt Ion: 88 Resp: 568192
Ion Ratio Lower Upper
88 100
58 72.8 59.0 88.6
43 30.0 25.0 37.4





#3
Pyridine
Concen: 46.491 ng/ml
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

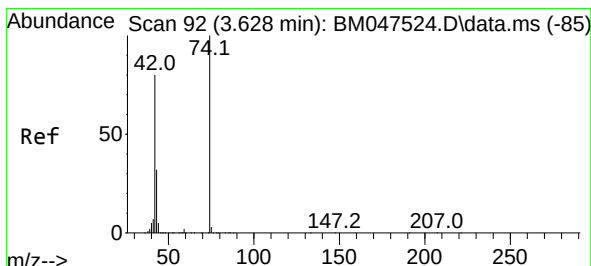
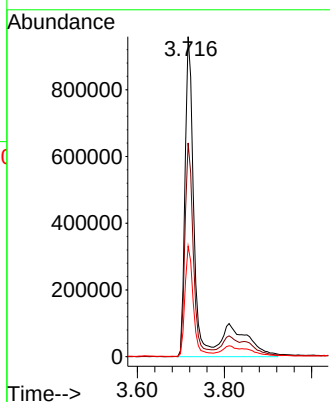
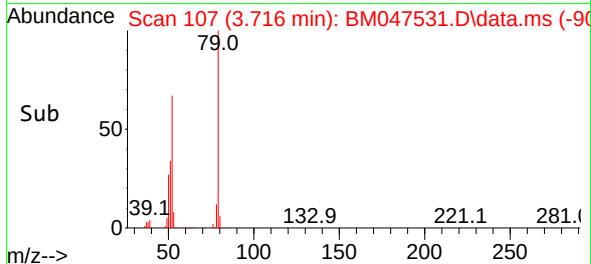
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ClientSampleId :
PB163160BSD



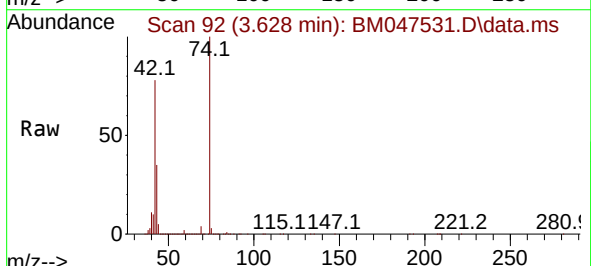
Tgt Ion: 79 Resp: 1703424
Ion Ratio Lower Upper
79 100
52 66.8 55.4 83.0
51 34.6 27.9 41.9

Manual Integrations
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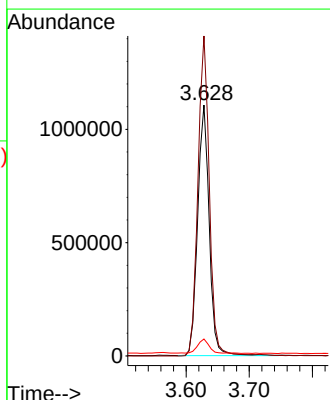
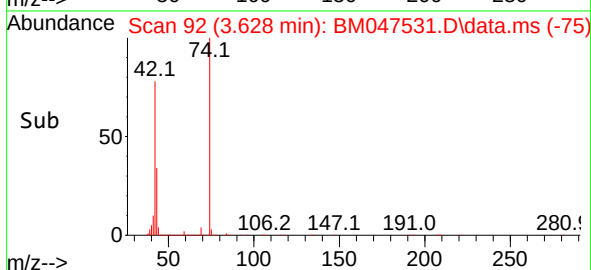
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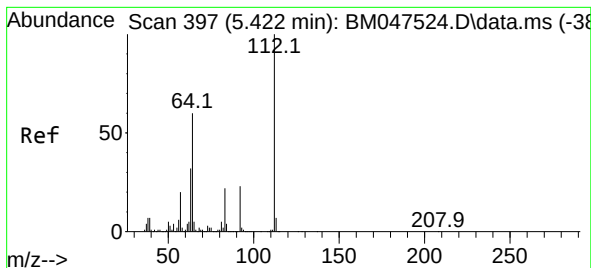


#4
n-Nitrosodimethylamine
Concen: 84.474 ng/ml
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



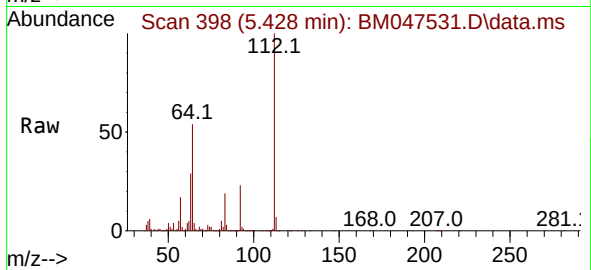
Tgt Ion: 42 Resp: 1404305
Ion Ratio Lower Upper
42 100
74 127.5 100.5 150.7
44 6.8 6.9 10.3





#5
2-Fluorophenol
Concen: 303.019 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

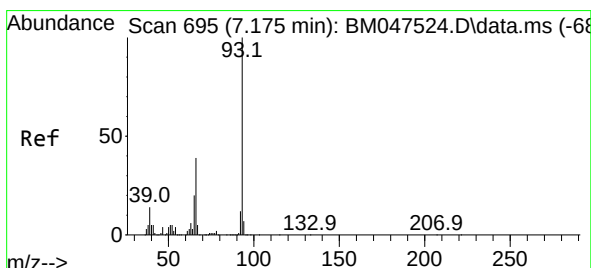
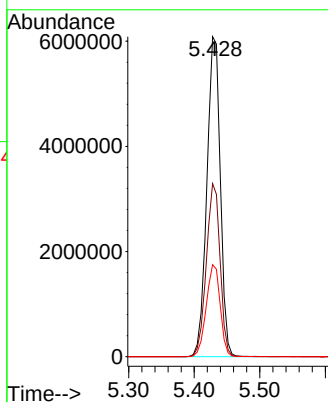
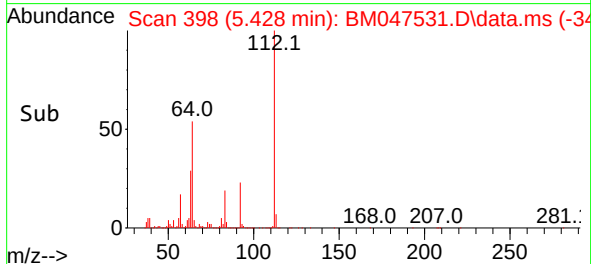
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Tgt Ion:112 Resp: 870826
Ion Ratio Lower Upper
112 100
64 54.1 48.2 72.4
63 28.8 26.0 39.0

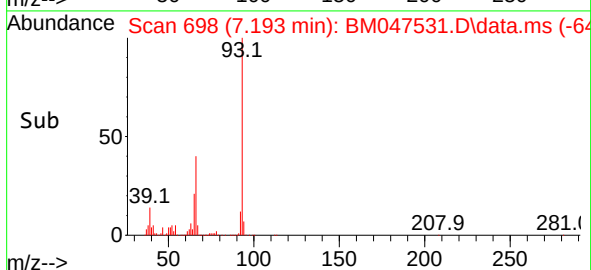
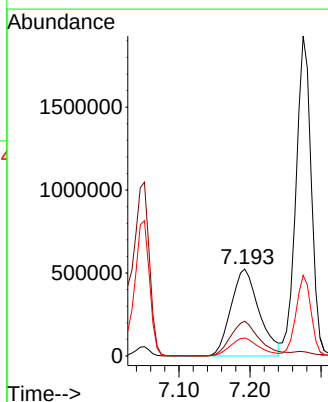
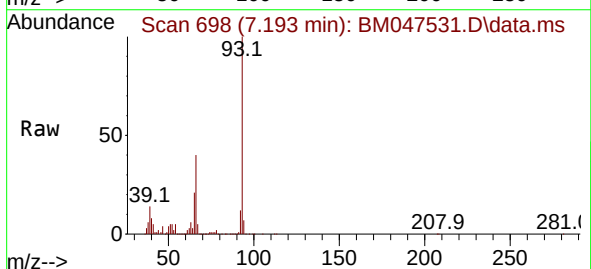
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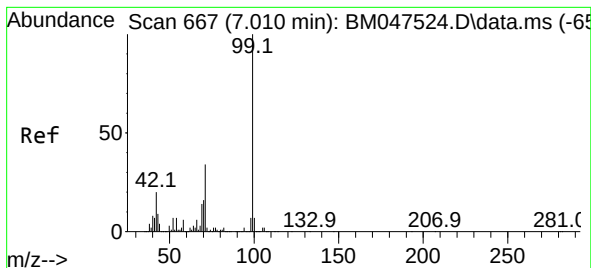
Reviewed By :Jagrut Upadhyay 09/16/2024
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#6
Aniline
Concen: 40.186 ng
RT: 7.193 min Scan# 698
Delta R.T. 0.018 min
Lab File: BM047531.D
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Tgt Ion: 93 Resp: 1441878
Ion Ratio Lower Upper
93 100
66 39.9 31.4 47.0
65 20.6 16.3 24.5





#7

Phenol-d6

Concen: 273.526 ng

RT: 7.028 min Scan# 61

Delta R.T. 0.018 min

Lab File: BM047531.D

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Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion: 99 Resp: 1107007

Ion Ratio Lower Upper

99 100

42 17.2 15.8 23.8

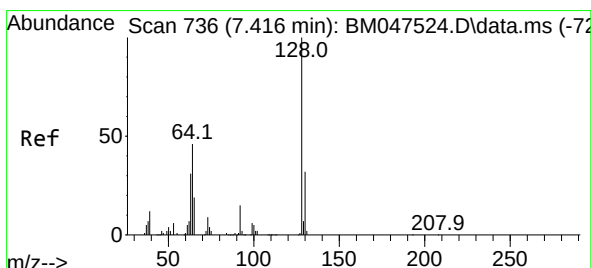
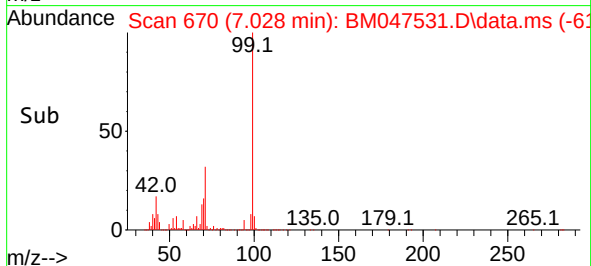
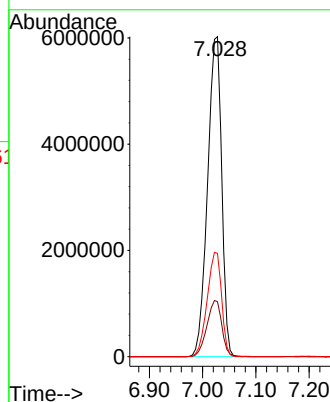
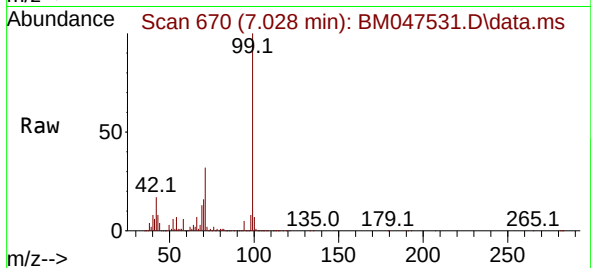
71 32.3 27.6 41.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 95.553 ng

RT: 7.422 min Scan# 737

Delta R.T. 0.006 min

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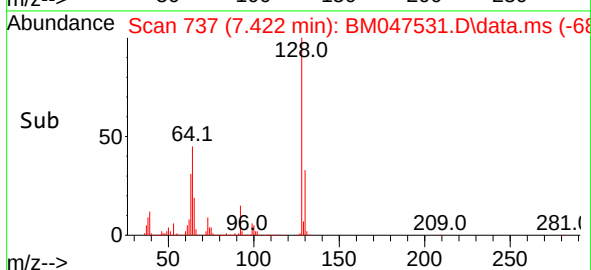
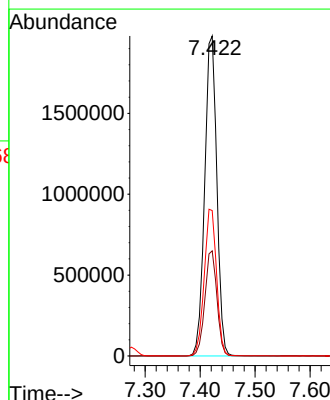
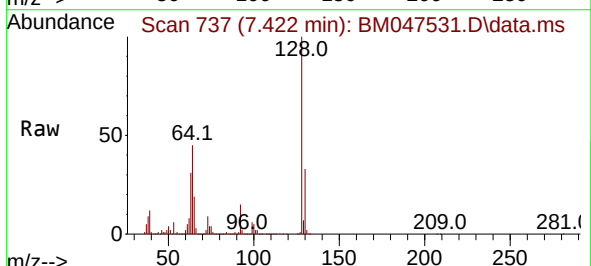
Tgt Ion: 128 Resp: 3027218

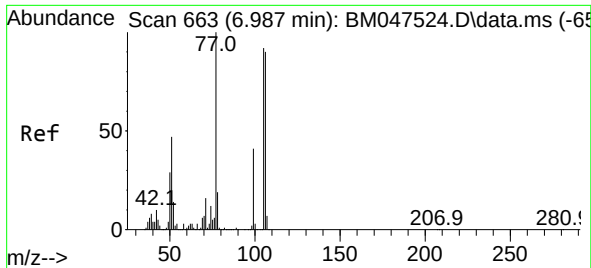
Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

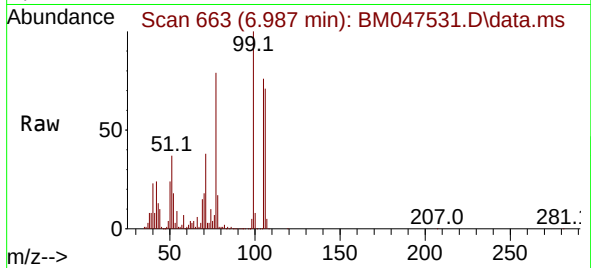
64 45.5 27.6 67.6





#9
Benzaldehyde
Concen: 10.124 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
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Acq: 14 Sep 2024 19:51

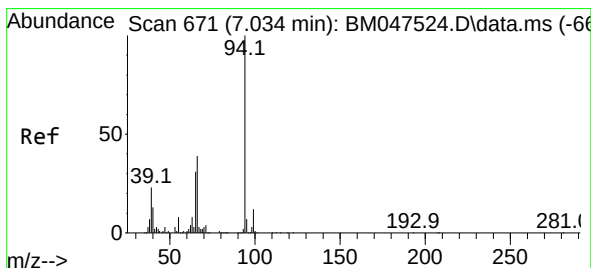
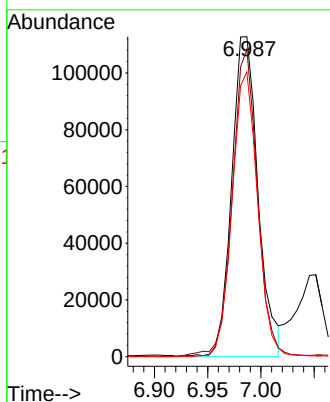
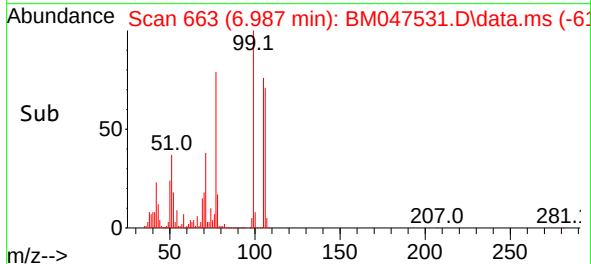
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



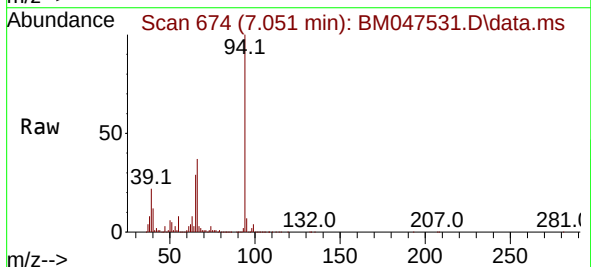
Tgt Ion: 77 Resp: 194829
Ion Ratio Lower Upper
77 100
105 96.0 71.8 111.8
106 89.0 69.7 109.7

Manual Integrations
APPROVED

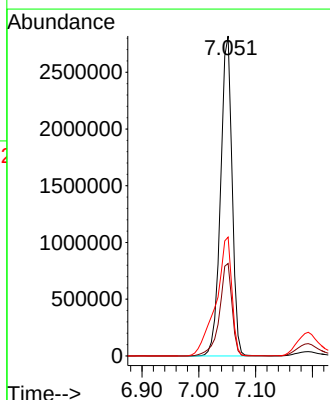
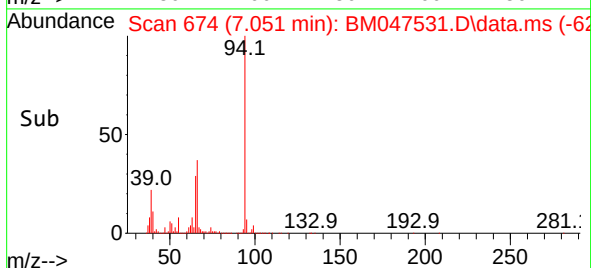
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

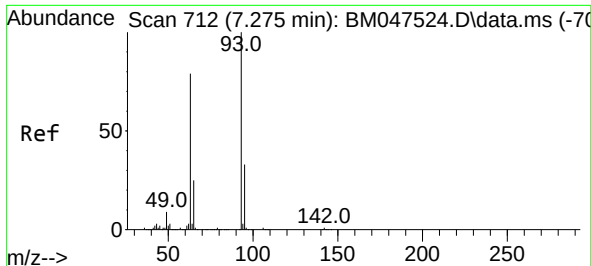


#10
Phenol
Concen: 98.279 ng
RT: 7.051 min Scan# 674
Delta R.T. 0.018 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



Tgt Ion: 94 Resp: 3982655
Ion Ratio Lower Upper
94 100
65 28.9 10.8 50.8
66 37.2 19.2 59.2





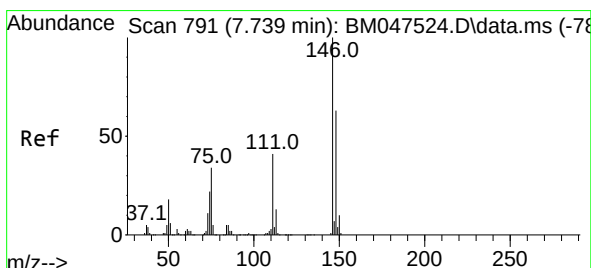
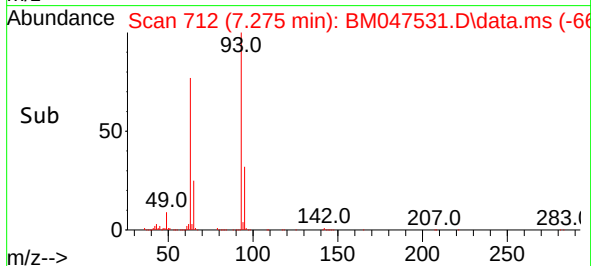
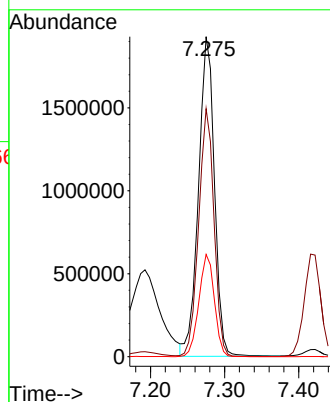
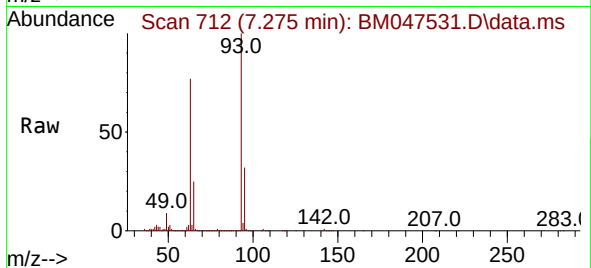
#11
bis(2-Chloroethyl)ether
Concen: 88.675 ng
RT: 7.275 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Instrument :
BNA_M
ClientSampleId :
PB163160BSD

Tgt Ion: 93 Resp: 288491
Ion Ratio Lower Upper
93 100
63 77.5 58.2 98.2
95 32.0 12.8 52.8

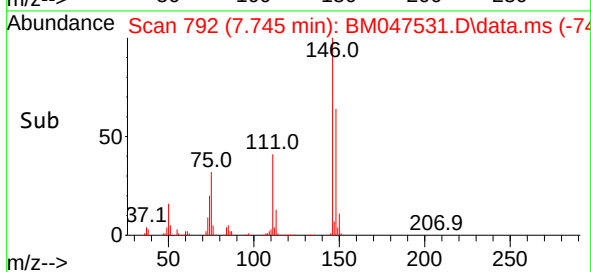
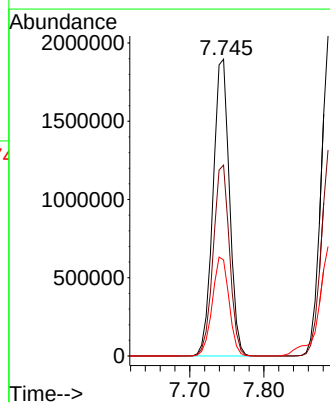
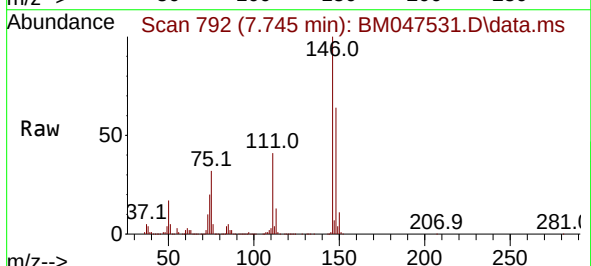
Manual Integrations
APPROVED

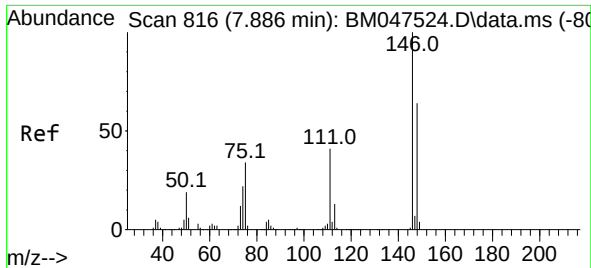
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#12
1,3-Dichlorobenzene
Concen: 83.965 ng
RT: 7.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:146 Resp: 2911633
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.4
75 32.3 27.4 41.0





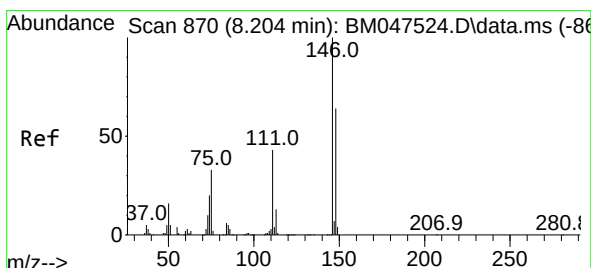
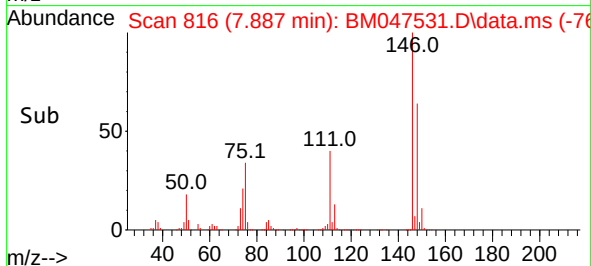
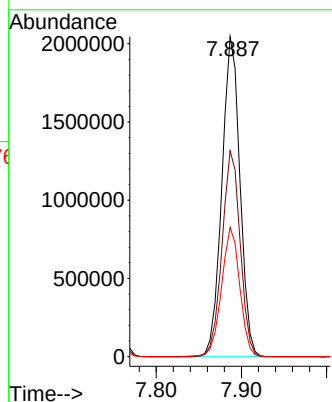
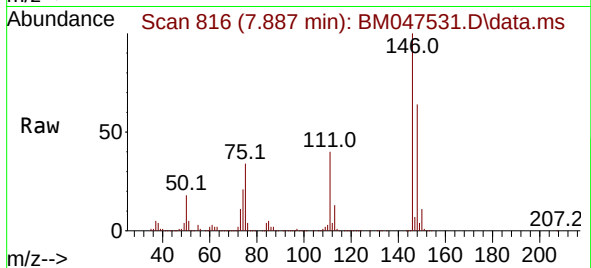
#13
1,4-Dichlorobenzene
Concen: 85.326 ng
RT: 7.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Instrument :
BNA_M
ClientSampleId :
PB163160BSD

Tgt Ion:146 Resp: 3013650
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 40.4 32.9 49.3

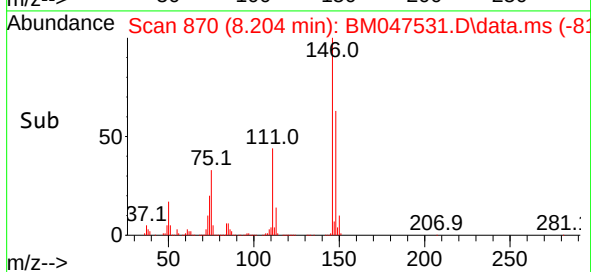
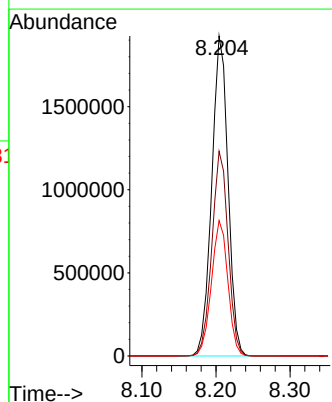
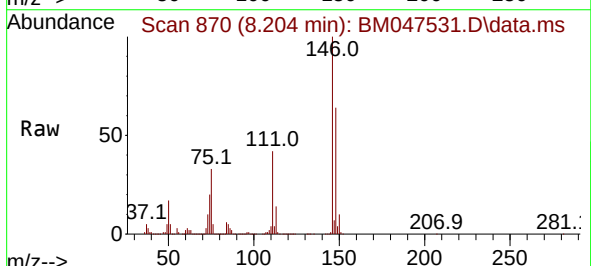
Manual Integrations
APPROVED

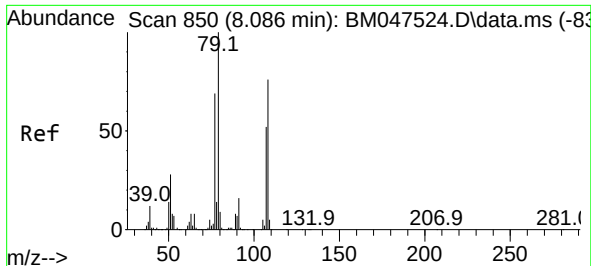
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#14
1,2-Dichlorobenzene
Concen: 84.535 ng
RT: 8.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

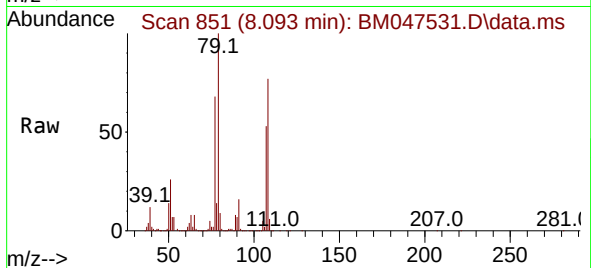
Tgt Ion:146 Resp: 2938336
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 42.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 96.671 ng
RT: 8.093 min Scan# 851
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

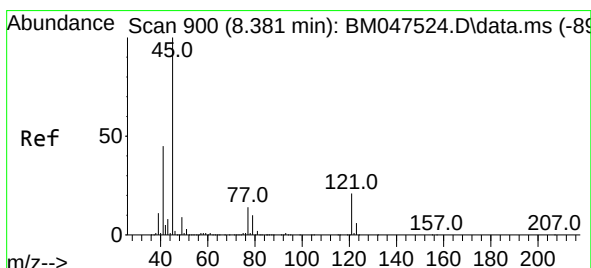
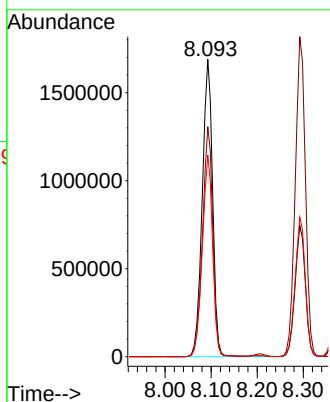
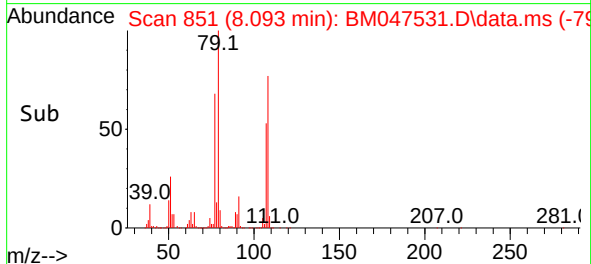
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion: 79 Resp: 2650169
Ion Ratio Lower Upper
79 100
108 77.4 60.6 91.0
77 67.8 55.0 82.4

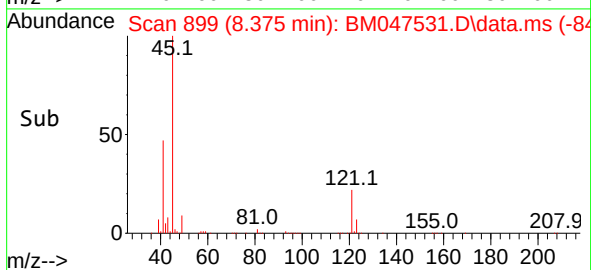
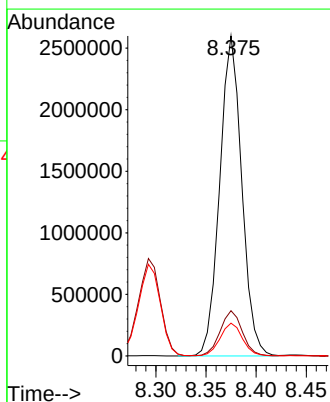
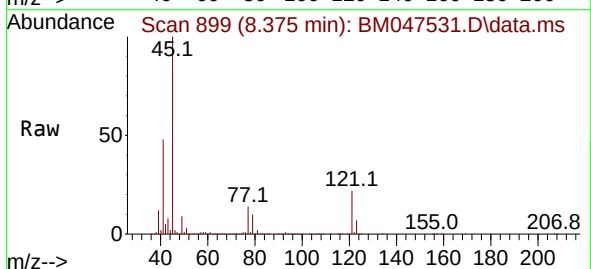
Manual Integrations
APPROVED

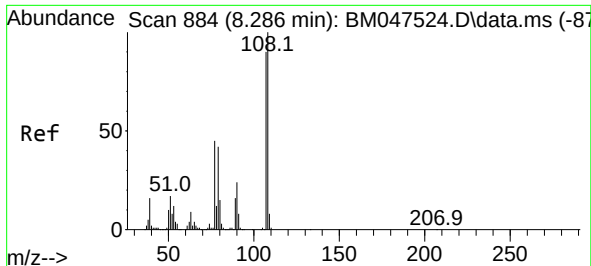
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 86.663 ng
RT: 8.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

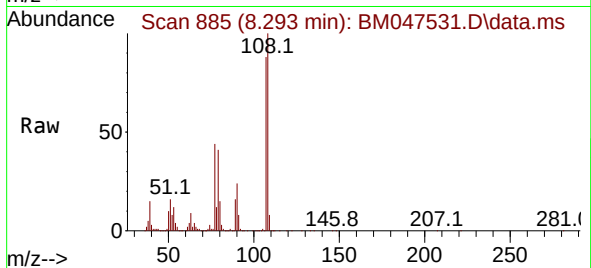
Tgt Ion: 45 Resp: 3966084
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.7
79 10.3 0.0 30.3





#17
2-Methylphenol
Concen: 94.989 ng
RT: 8.293 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

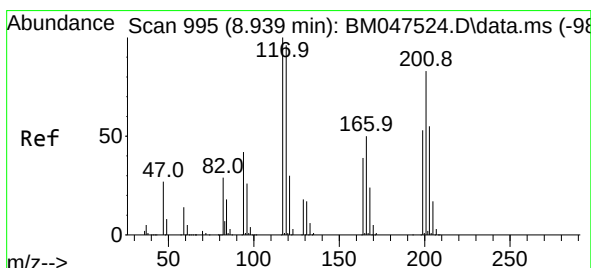
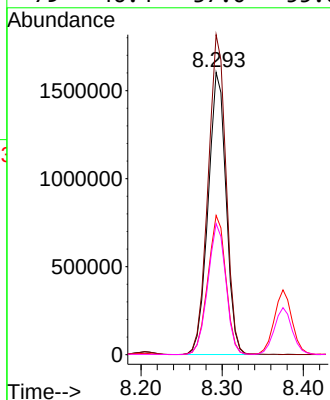
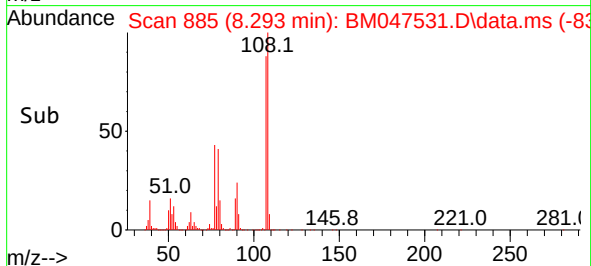
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:107 Resp: 2459080
Ion Ratio Lower Upper
107 100
108 113.3 88.9 133.3
77 49.3 39.8 59.8
79 46.4 37.0 55.6

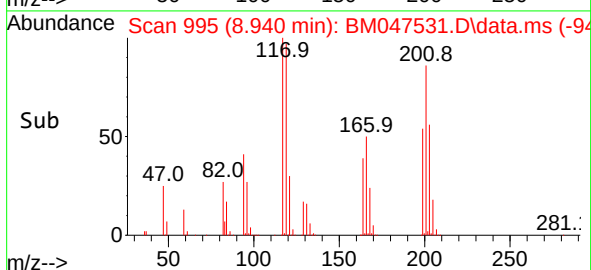
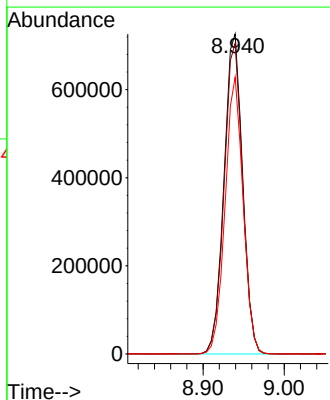
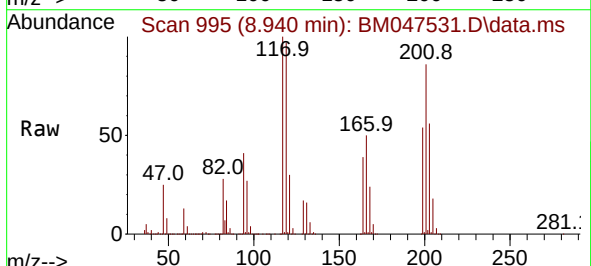
Manual Integrations
APPROVED

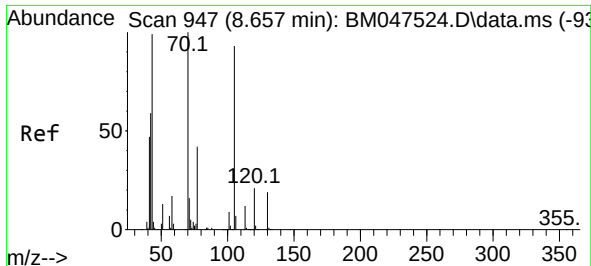
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#18
Hexachloroethane
Concen: 82.285 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

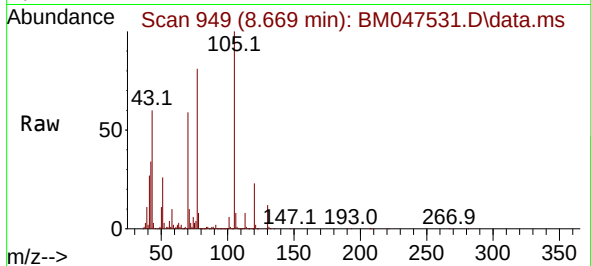
Tgt Ion:117 Resp: 1160992
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.4
201 86.5 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 87.187 ng
RT: 8.669 min Scan# 947
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

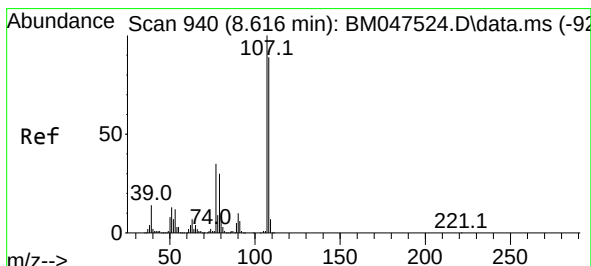
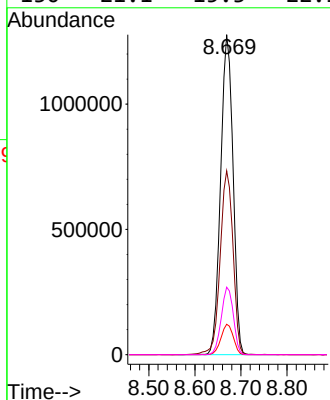
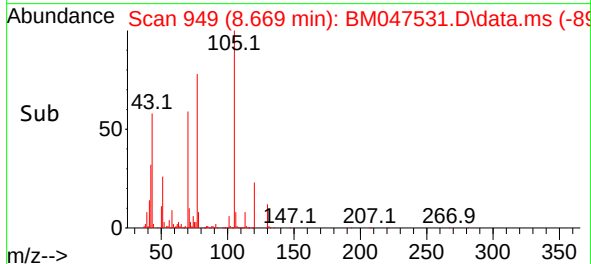
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion: 70 Resp: 2379092
Ion Ratio Lower Upper
70 100
42 57.5 48.2 72.2
101 9.5 7.0 10.4
130 21.1 15.3 22.9

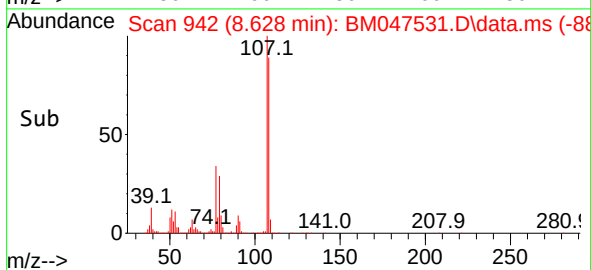
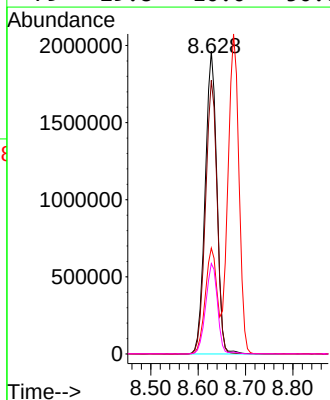
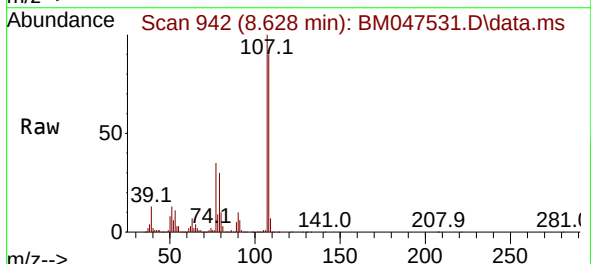
Manual Integrations
APPROVED

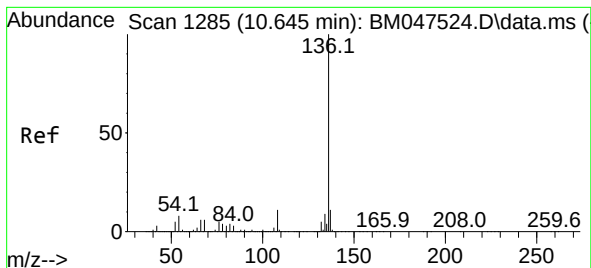
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#20
3+4-Methylphenols
Concen: 93.439 ng
RT: 8.628 min Scan# 942
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

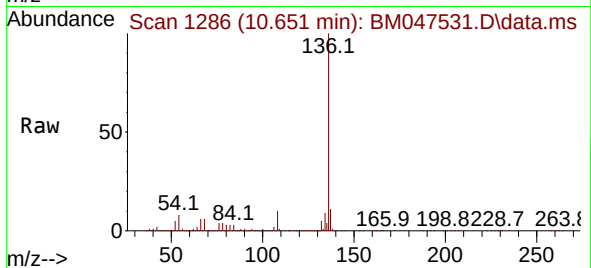
Tgt Ion:107 Resp: 3375226
Ion Ratio Lower Upper
107 100
108 90.3 68.9 108.9
77 35.0 15.5 55.5
79 29.8 10.0 50.0





#21
Naphthalene-d8
Concen: 40.000 ng
RT: 10.651 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

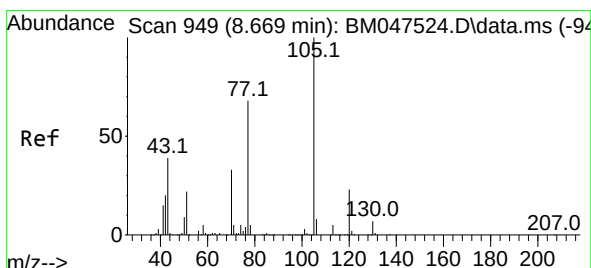
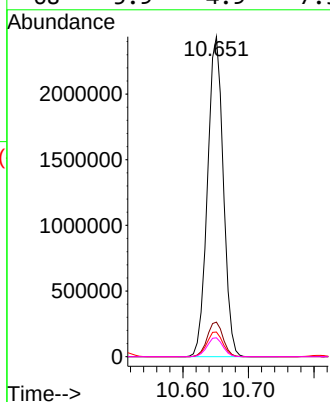
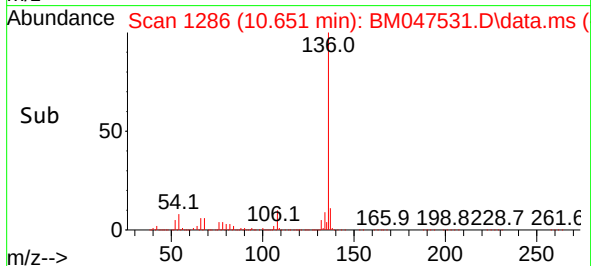
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:136 Resp: 4067259
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.7 6.6 9.8
68 5.9 4.9 7.3

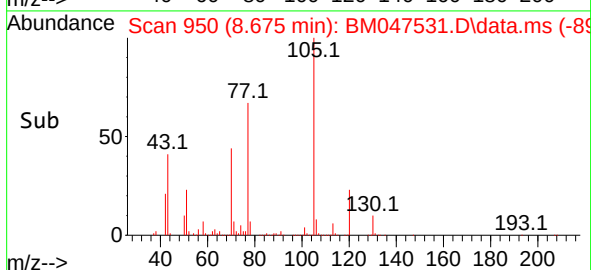
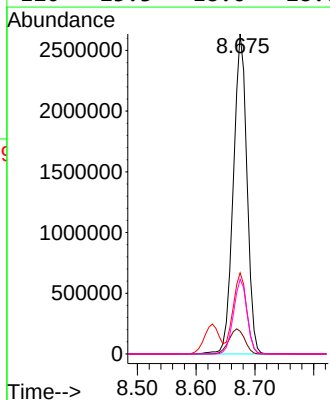
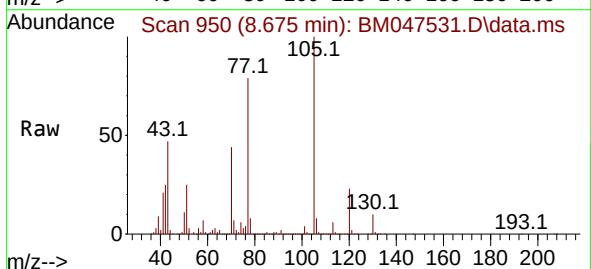
Manual Integrations
APPROVED

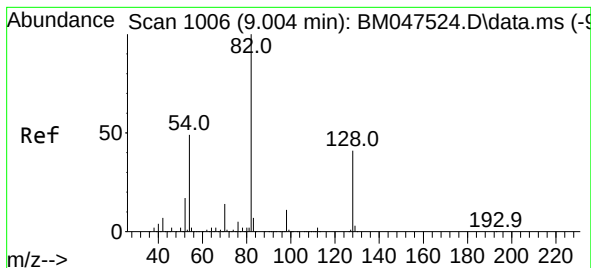
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#22
Acetophenone
Concen: 79.345 ng
RT: 8.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:105 Resp: 4242210
Ion Ratio Lower Upper
105 100
71 7.1 4.3 6.5#
51 25.3 21.5 32.3
120 23.3 18.6 28.0





#23

Nitrobenzene-d5

Concen: 159.663 ng

RT: 9.010 min Scan# 1007

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion: 82 Resp: 648791

Ion Ratio Lower Upper

82 100

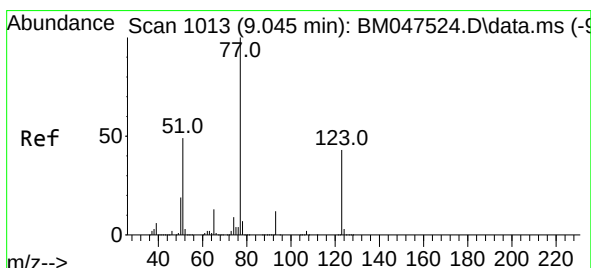
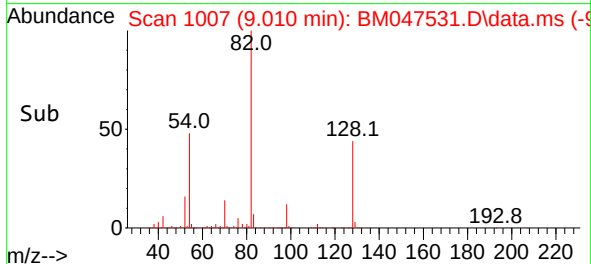
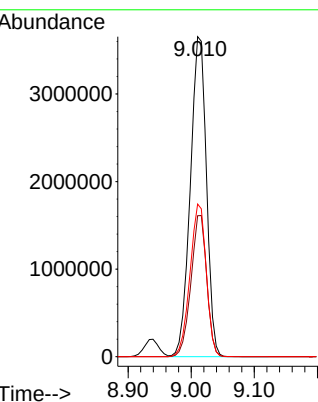
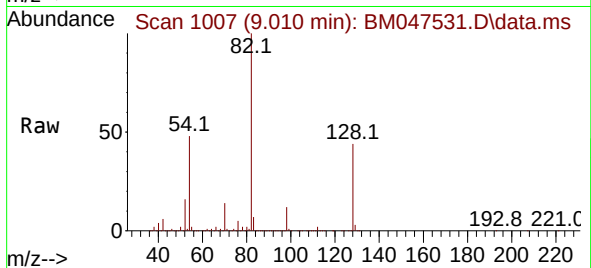
128 44.1 33.0 49.4

54 47.7 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#24

Nitrobenzene

Concen: 79.183 ng

RT: 9.051 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

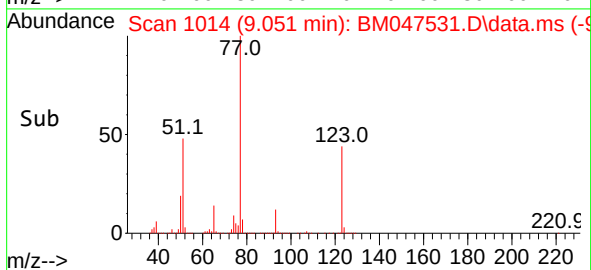
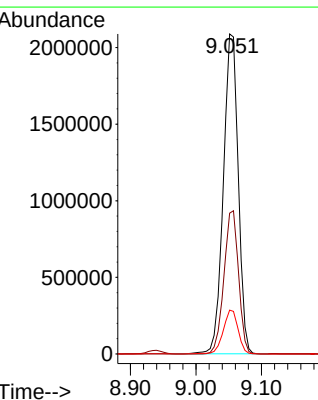
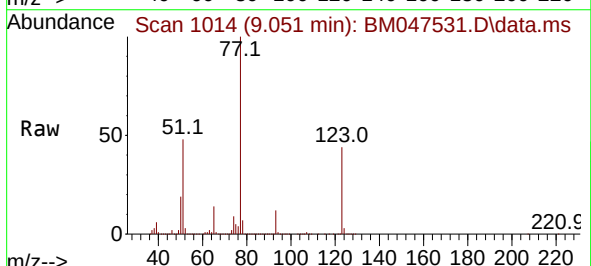
Tgt Ion: 77 Resp: 3306331

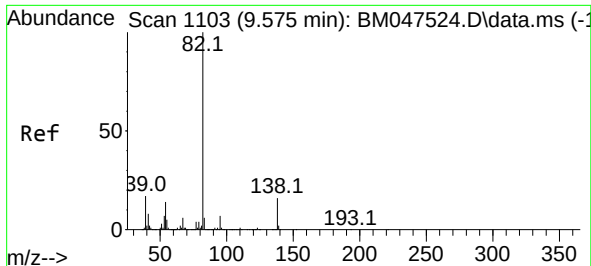
Ion Ratio Lower Upper

77 100

123 44.0 34.5 51.7

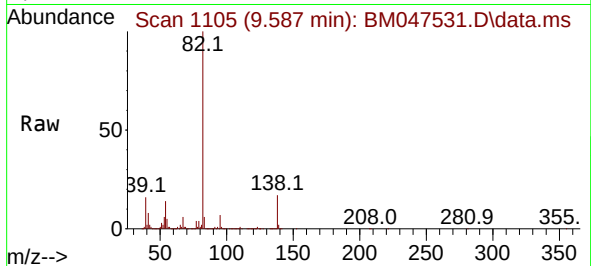
65 13.7 10.7 16.1





#25
Isophorone
Concen: 85.326 ng
RT: 9.587 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

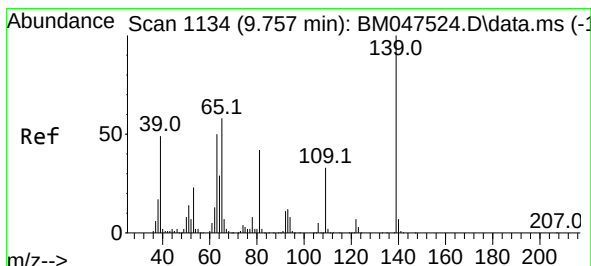
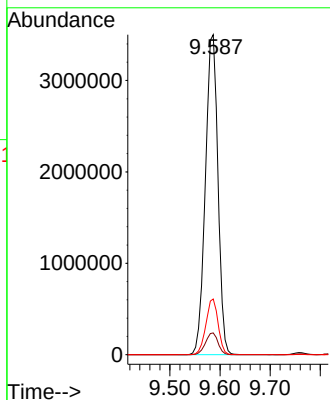
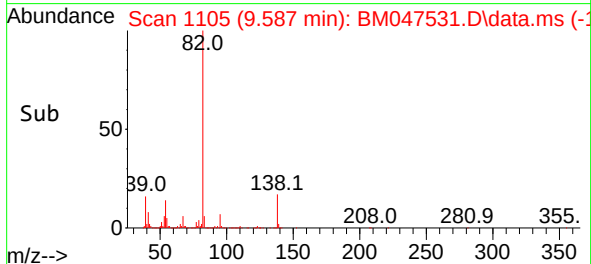
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion: 82 Resp: 6095578
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 17.4 12.9 19.3

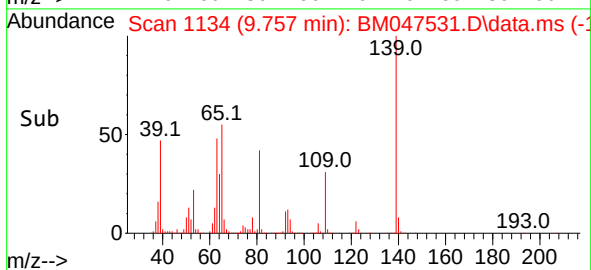
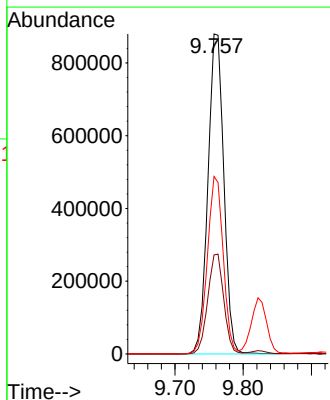
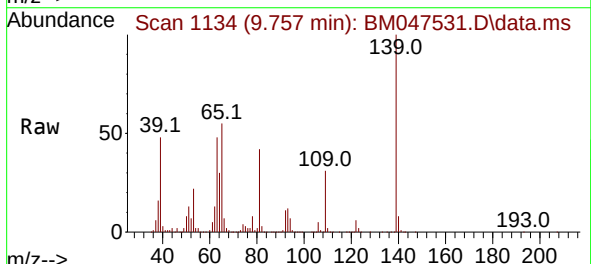
Manual Integrations
APPROVED

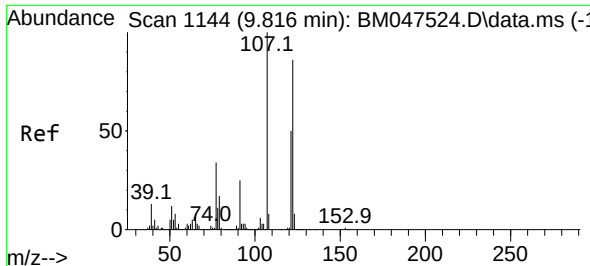
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#26
2-Nitrophenol
Concen: 100.303 ng
RT: 9.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:139 Resp: 1427182
Ion Ratio Lower Upper
139 100
109 30.9 26.0 39.0
65 55.4 46.2 69.4





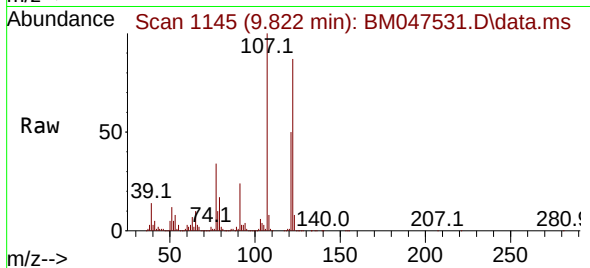
#27
2,4-Dimethylphenol
Concen: 100.123 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

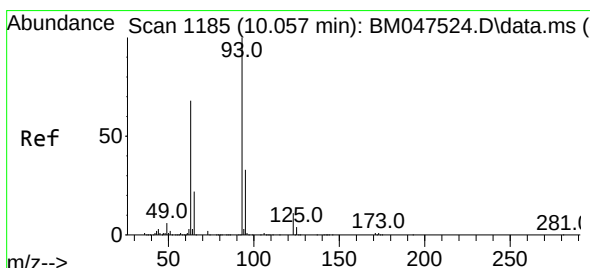
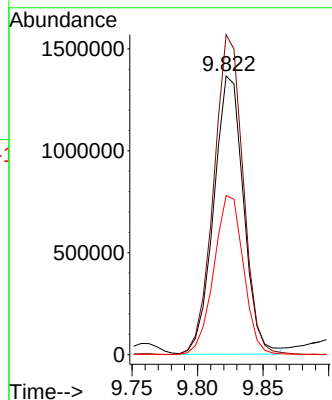
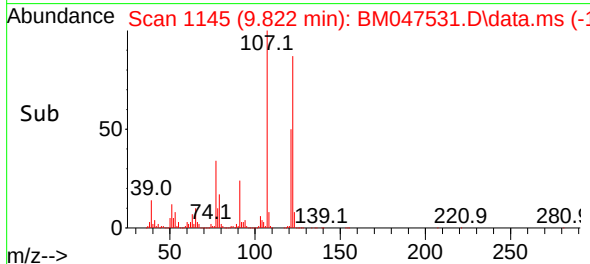


Tgt Ion:122 Resp: 2159579
Ion Ratio Lower Upper
122 100
107 114.8 92.4 138.6
121 57.1 46.2 69.4

Manual Integrations

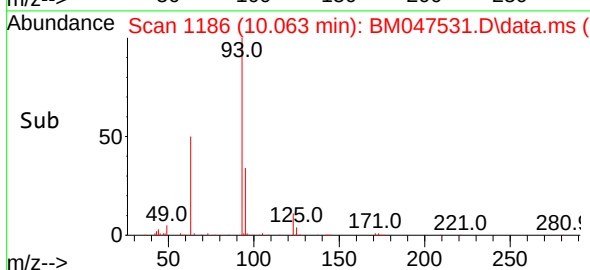
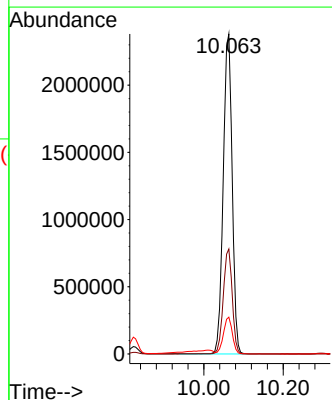
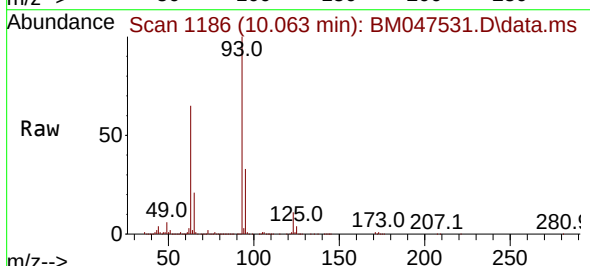
APPROVED

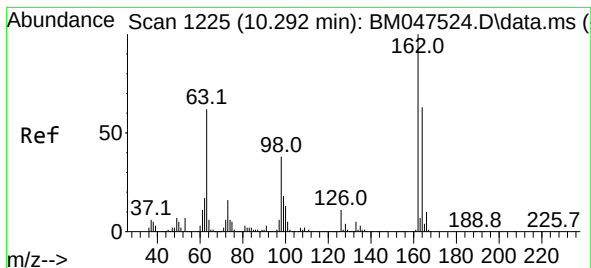
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 83.316 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

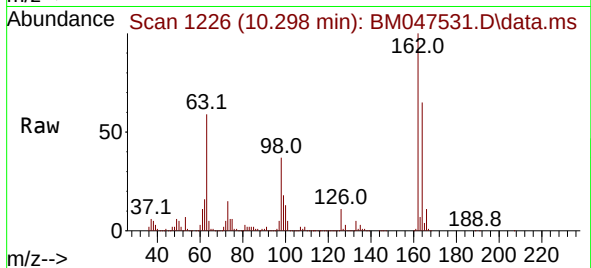
Tgt Ion: 93 Resp: 3738646
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.5 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 95.853 ng
RT: 10.298 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

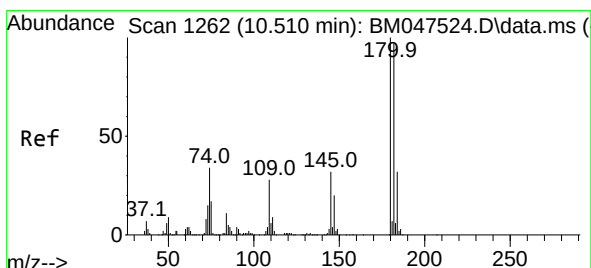
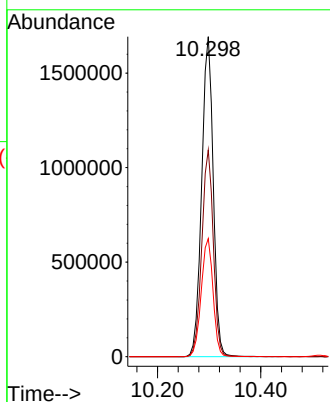
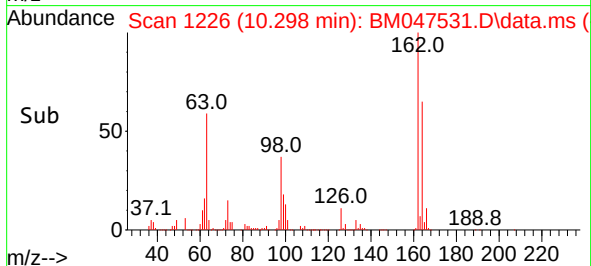
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:162 Resp: 262666
Ion Ratio Lower Upper
162 100
164 64.6 43.5 83.5
98 36.9 17.6 57.6

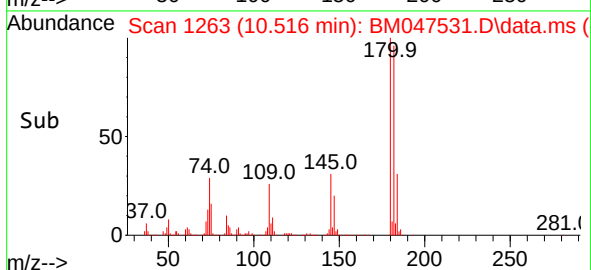
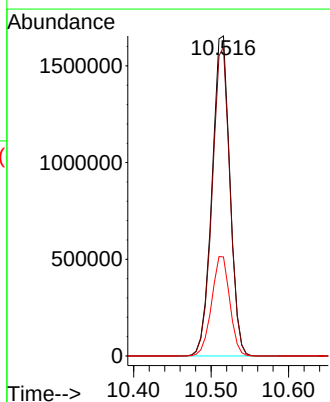
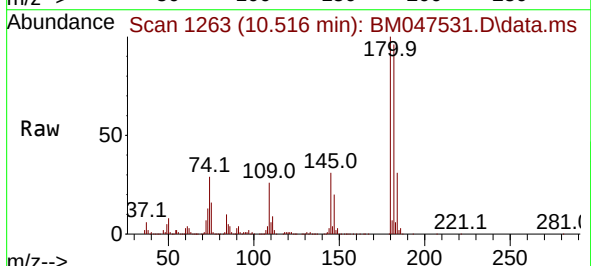
Manual Integrations
APPROVED

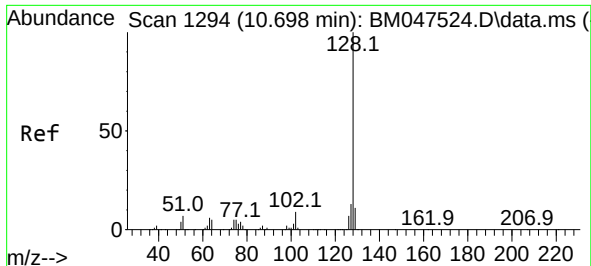
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#30
1,2,4-Trichlorobenzene
Concen: 84.394 ng
RT: 10.516 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

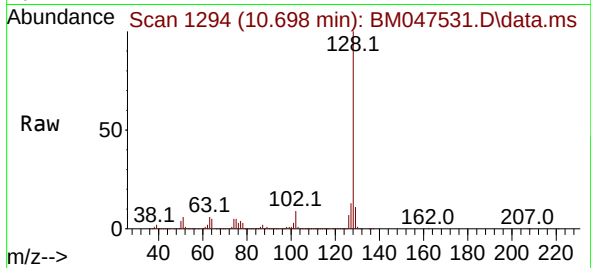
Tgt Ion:180 Resp: 2649083
Ion Ratio Lower Upper
180 100
182 96.5 77.6 116.4
145 31.0 25.4 38.0





#31
Naphthalene
Concen: 83.951 ng
RT: 10.698 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

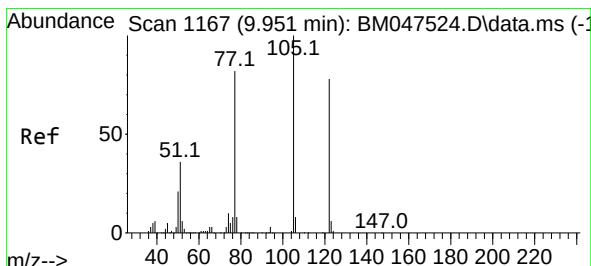
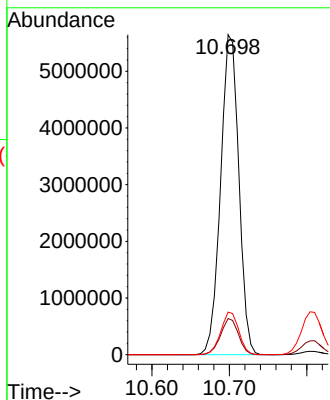
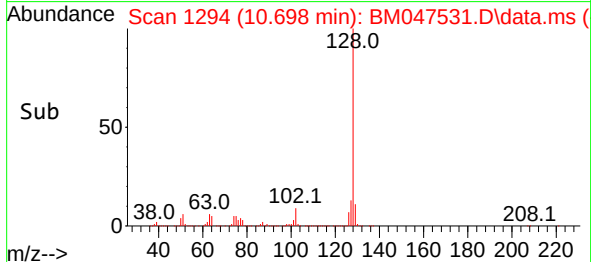
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:128 Resp: 9220476
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.5 15.7

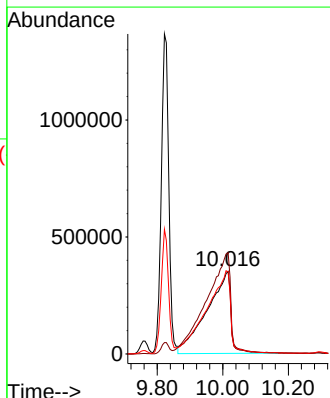
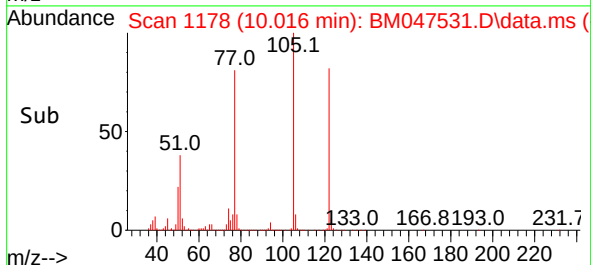
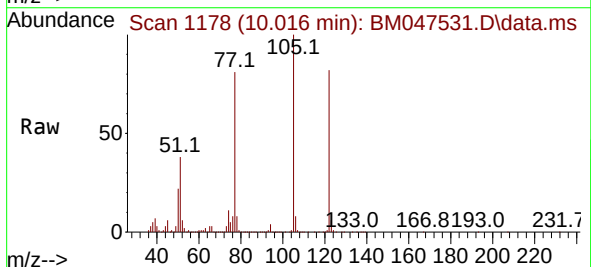
Manual Integrations
APPROVED

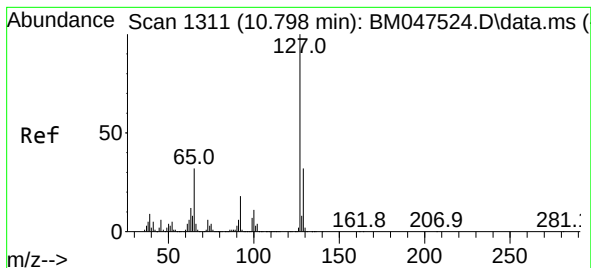
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#32
Benzoic acid
Concen: 84.773 ng
RT: 10.016 min Scan# 1178
Delta R.T. 0.065 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

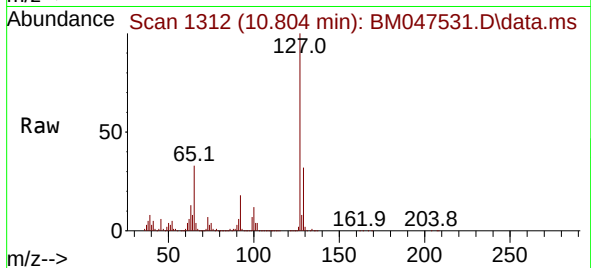
Tgt Ion:122 Resp: 1763745
Ion Ratio Lower Upper
122 100
105 122.7 104.7 144.7
77 99.6 83.4 123.4





#33
4-Chloroaniline
Concen: 37.427 ng
RT: 10.804 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

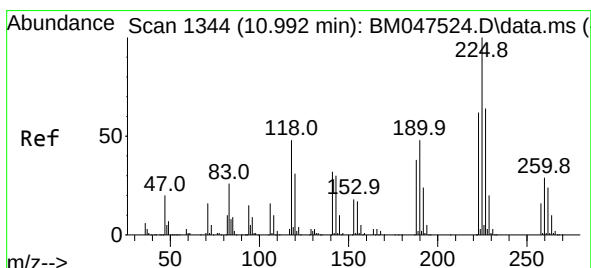
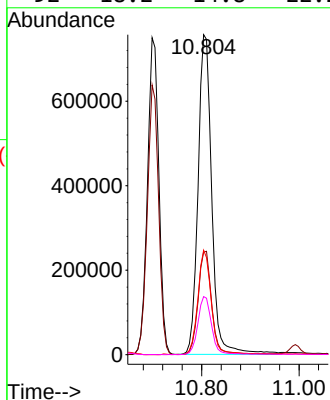
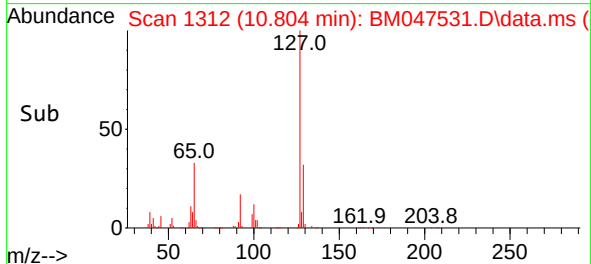
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:127 Resp: 148624
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 32.6 25.5 38.3
92 18.2 14.8 22.2

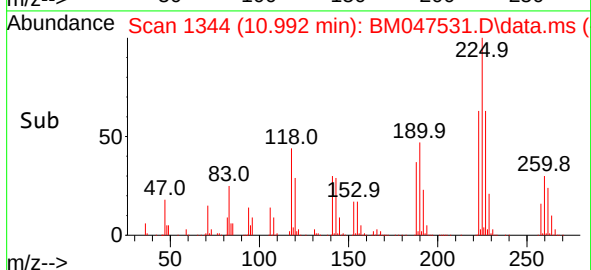
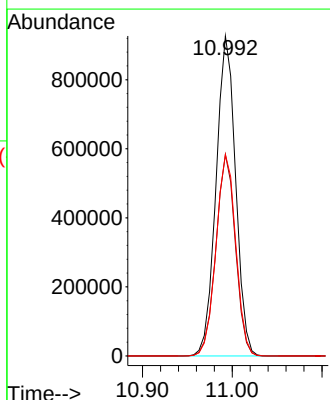
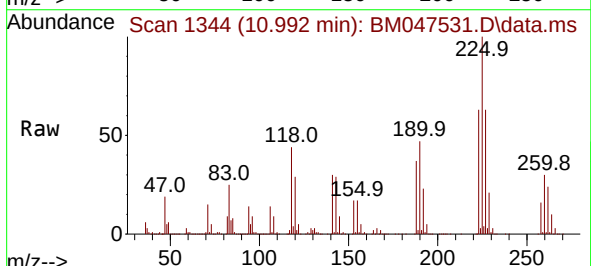
Manual Integrations
APPROVED

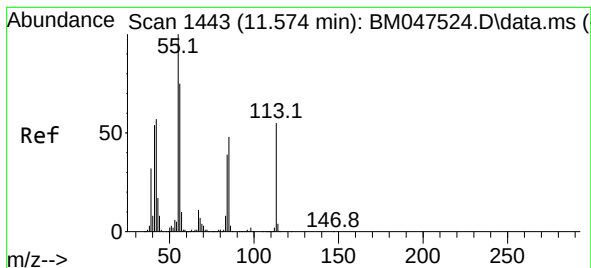
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#34
Hexachlorobutadiene
Concen: 80.554 ng
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

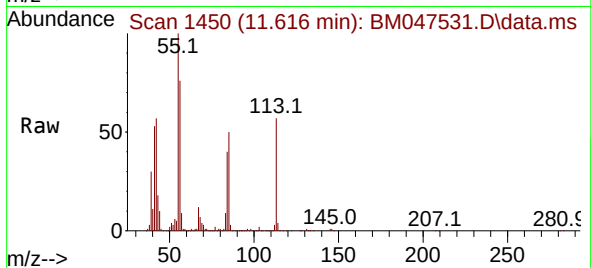
Tgt Ion:225 Resp: 1400525
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 62.9 51.0 76.4





#35
Caprolactam
Concen: 77.732 ng m
RT: 11.616 min Scan# 1443
Delta R.T. 0.041 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

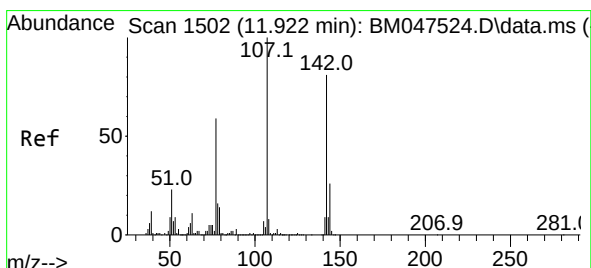
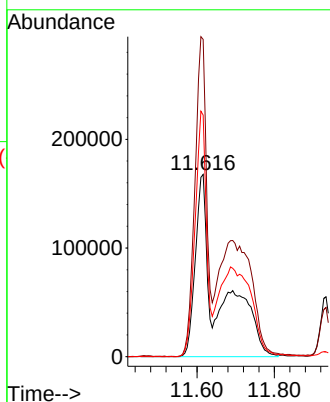
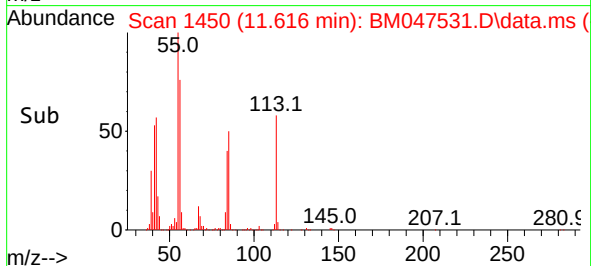
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



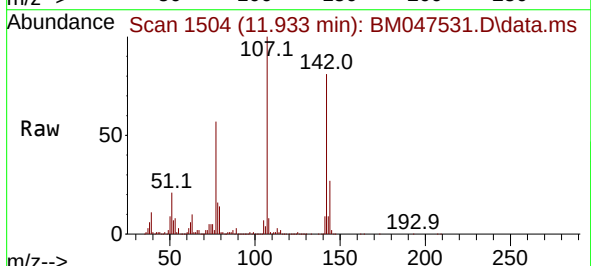
Tgt Ion:113 Resp: 70159
Ion Ratio Lower Upper
113 100
55 174.1 162.5 202.5
56 132.6 116.5 156.5

Manual Integrations
APPROVED

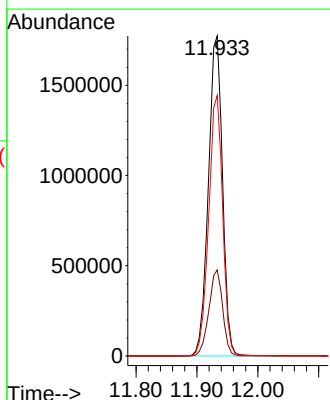
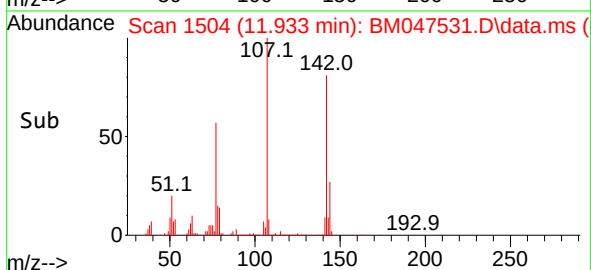
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

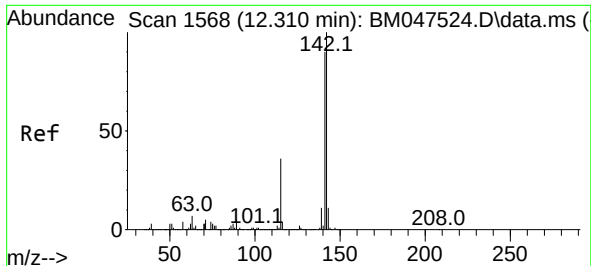


#36
4-Chloro-3-methylphenol
Concen: 91.127 ng
RT: 11.933 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



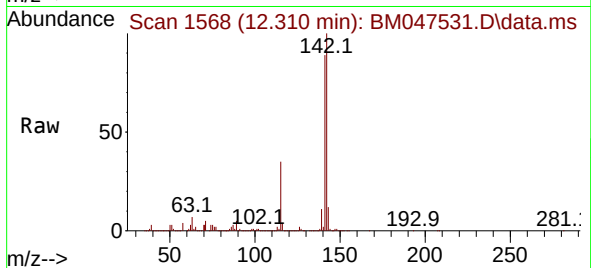
Tgt Ion:107 Resp: 2861796
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 81.4 65.0 97.4





#37
2-Methylnaphthalene
Concen: 88.549 ng
RT: 12.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

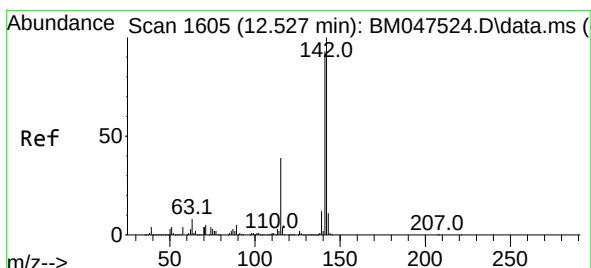
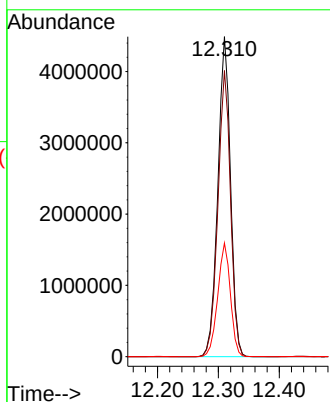
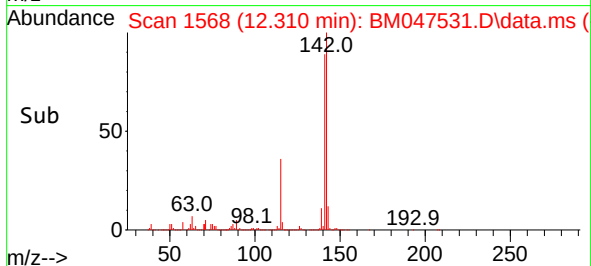
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:142 Resp: 647291
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.4
115 35.5 29.1 43.7

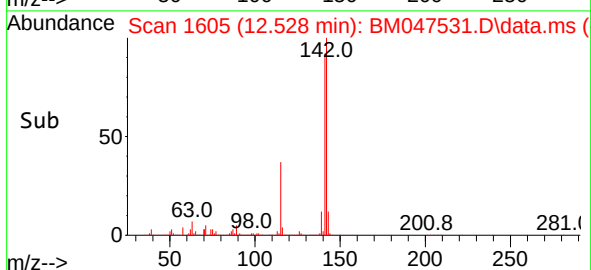
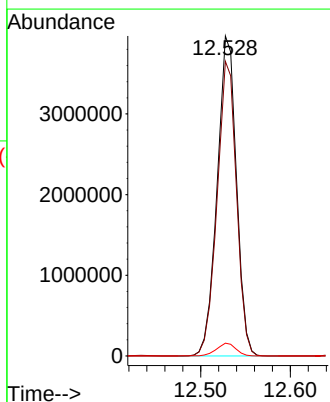
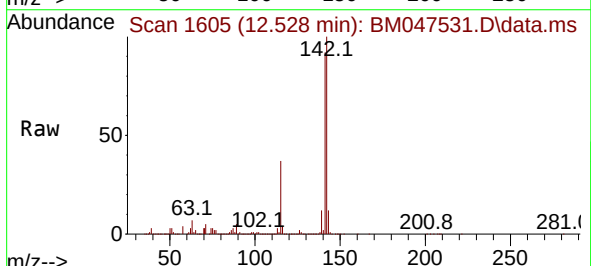
Manual Integrations
APPROVED

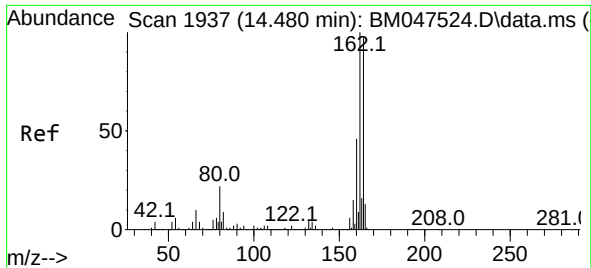
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#38
1-Methylnaphthalene
Concen: 81.501 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

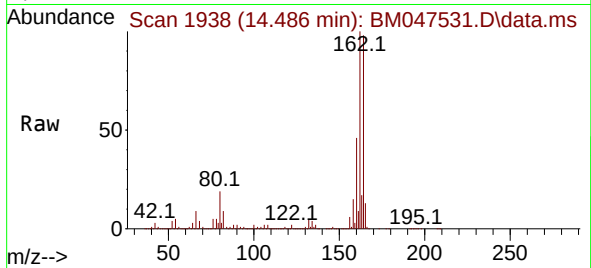
Tgt Ion:142 Resp: 5920620
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.486 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

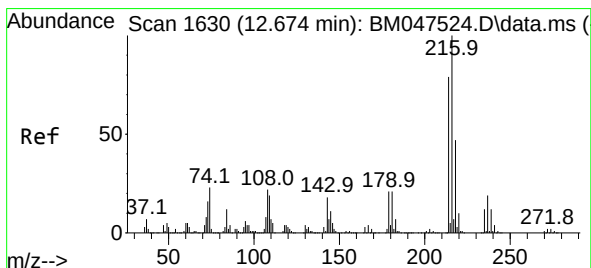
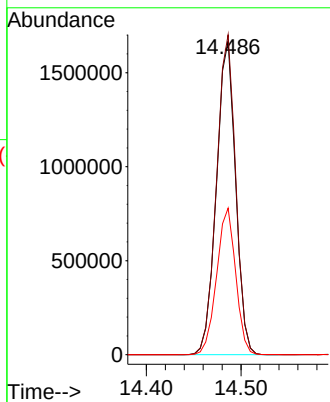
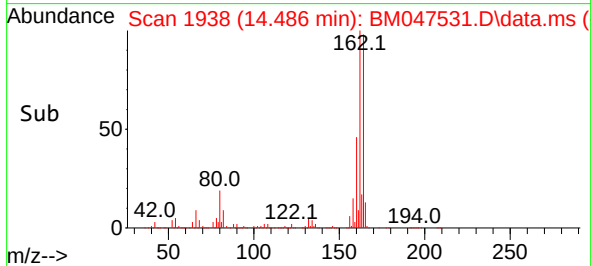
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



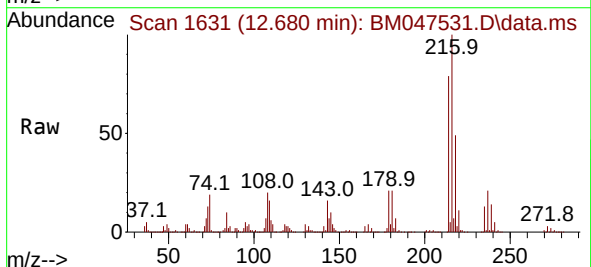
Tgt Ion:164 Resp: 2341128
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 46.7 38.2 57.2

Manual Integrations
APPROVED

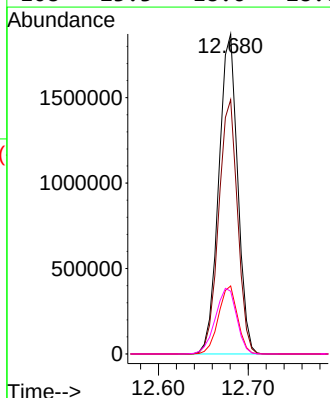
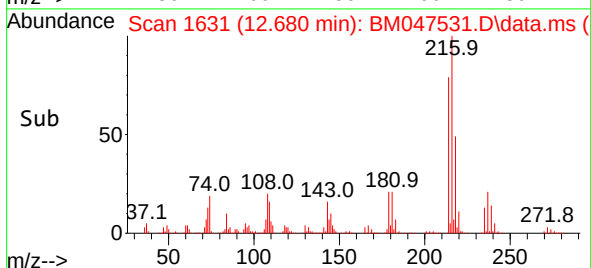
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

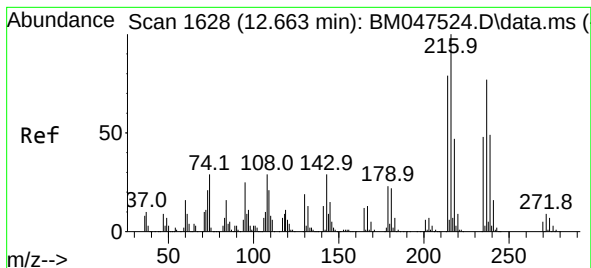


#40
1,2,4,5-Tetrachlorobenzene
Concen: 86.405 ng
RT: 12.680 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



Tgt Ion:216 Resp: 2736865
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 21.4 17.5 26.3
108 23.3 18.6 28.0





#41

Hexachlorocyclopentadiene

Concen: 195.664 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047531.D

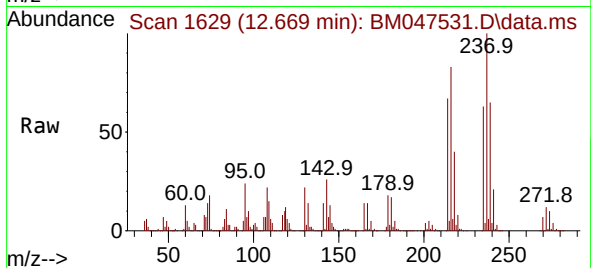
Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD



Tgt Ion:237 Resp: 202606

Ion Ratio Lower Upper

237 100

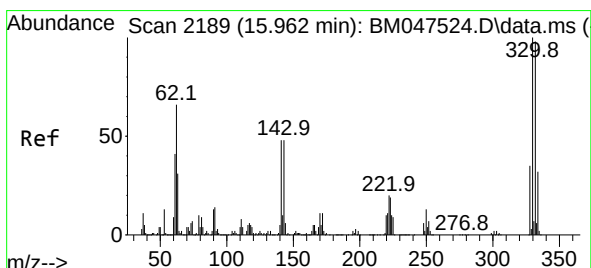
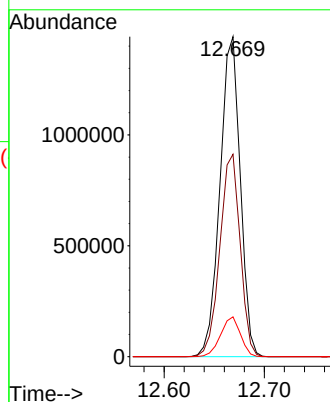
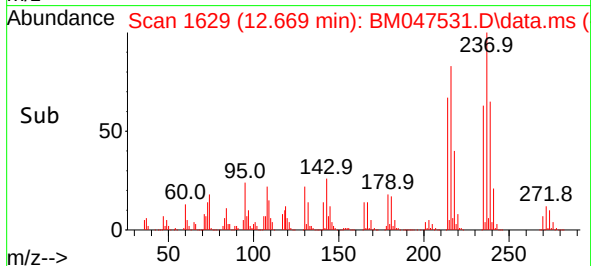
235 63.2 42.0 82.0

272 12.4 0.0 31.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#42

2,4,6-Tribromophenol

Concen: 267.869 ng

RT: 15.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

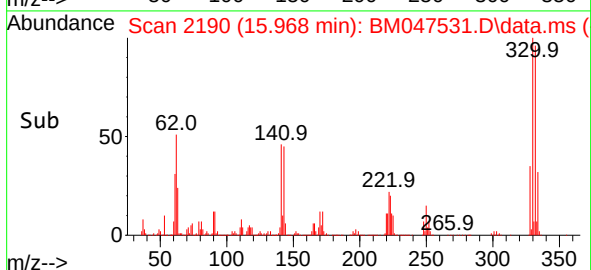
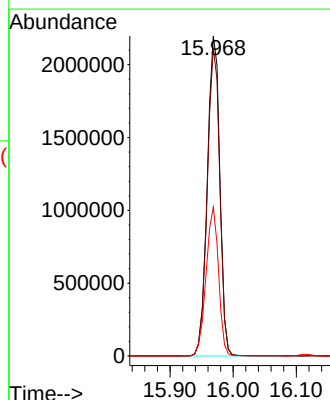
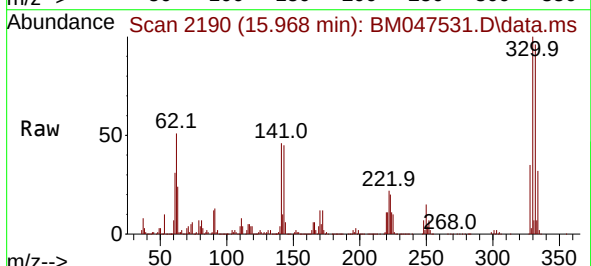
Tgt Ion:330 Resp: 3030806

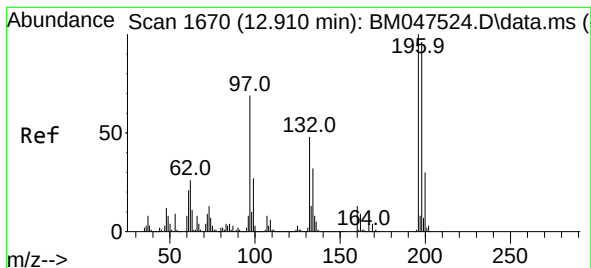
Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 46.4 42.2 63.2





#43

2,4,6-Trichlorophenol

Concen: 94.220 ng

RT: 12.916 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM047531.D

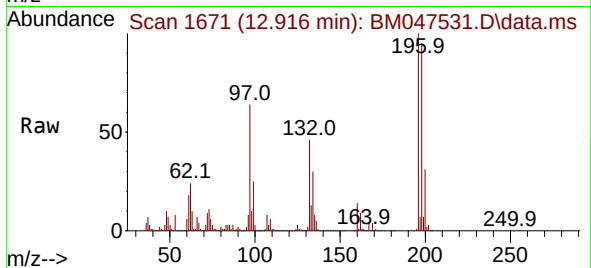
Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD



Tgt Ion:196 Resp: 1869709

Ion Ratio Lower Upper

196 100

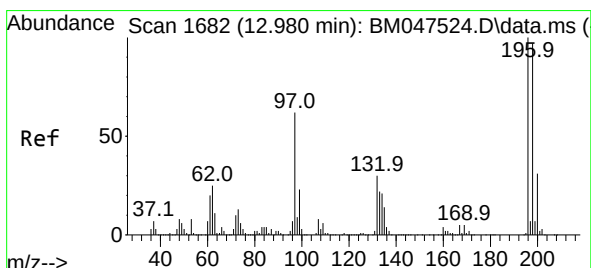
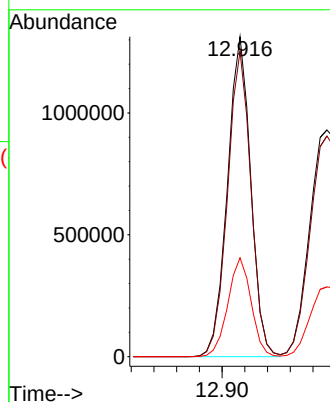
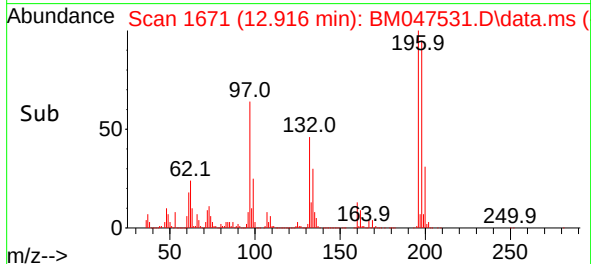
198 95.4 76.9 115.3

200 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#44

2,4,5-Trichlorophenol

Concen: 94.911 ng

RT: 12.992 min Scan# 1684

Delta R.T. 0.012 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Tgt Ion:196 Resp: 2127335

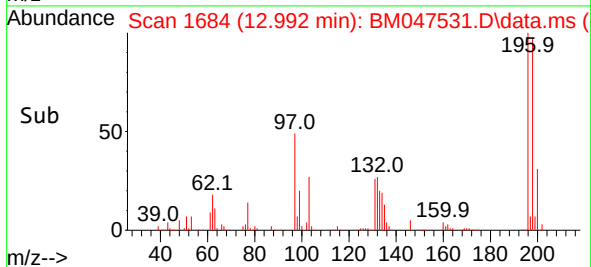
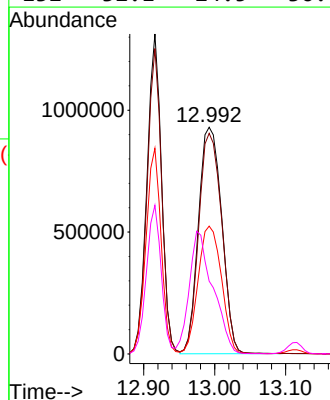
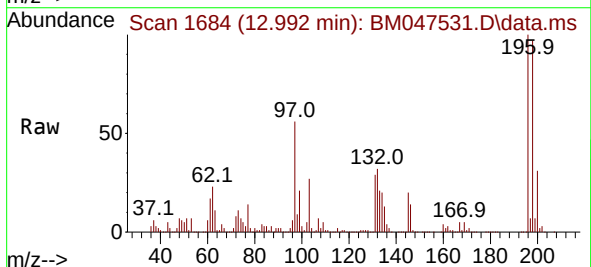
Ion Ratio Lower Upper

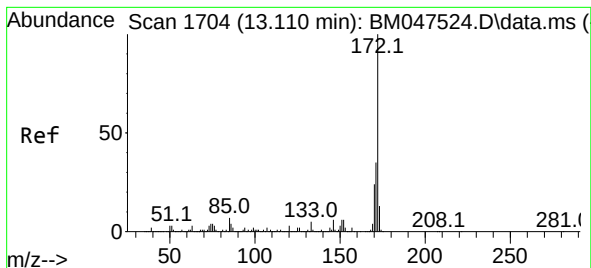
196 100

198 97.3 77.4 116.2

97 56.4 49.8 74.8

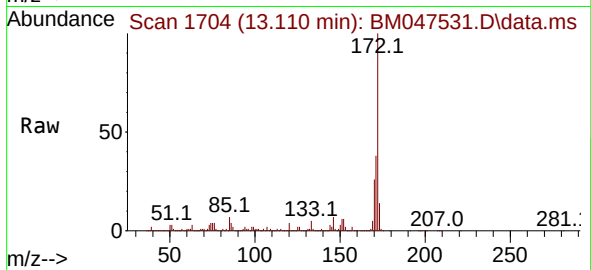
132 32.1 24.5 36.7





#45
2-Fluorobiphenyl
Concen: 155.756 ng
RT: 13.110 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

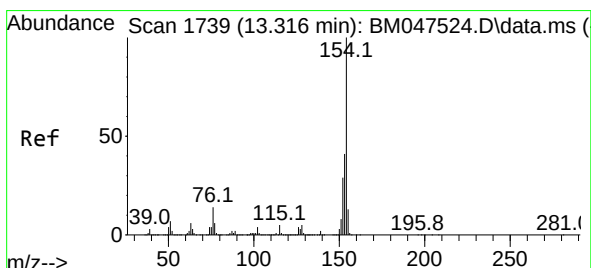
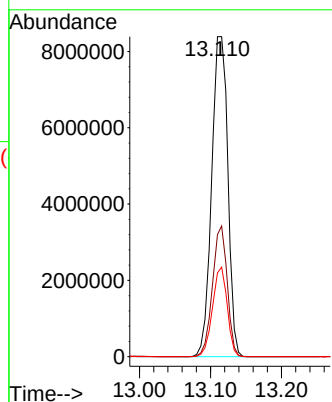
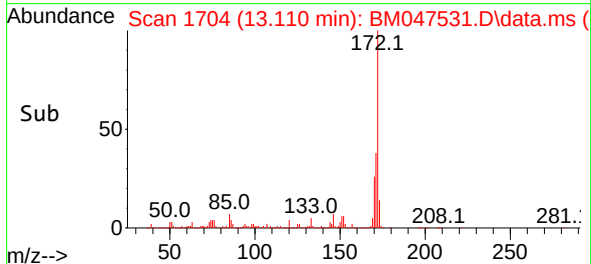
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



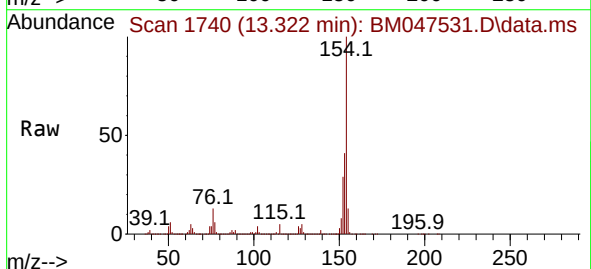
Tgt Ion:172 Resp:13235502
Ion Ratio Lower Upper
172 100
171 38.1 28.2 42.2
170 26.2 19.4 29.0

Manual Integrations
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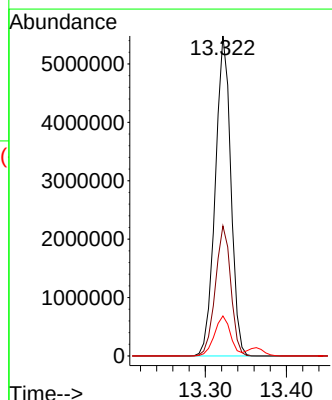
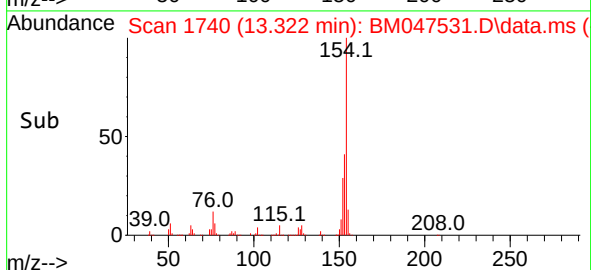
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

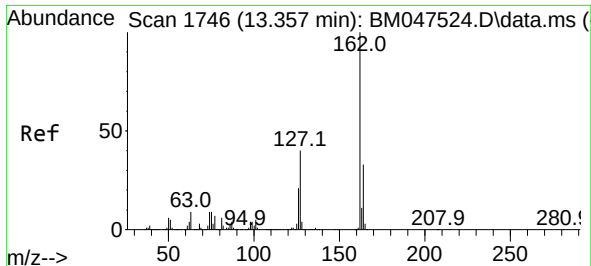


#46
1,1'-Biphenyl
Concen: 79.922 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



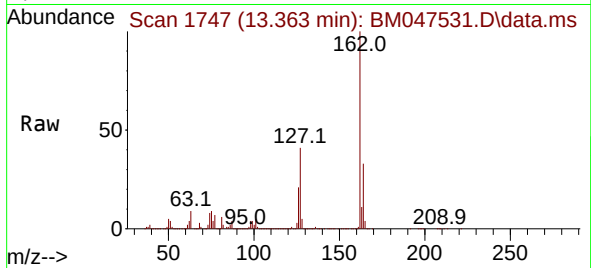
Tgt Ion:154 Resp: 7279022
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.5 0.0 33.9





#47
2-Chloronaphthalene
Concen: 83.312 ng
RT: 13.363 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

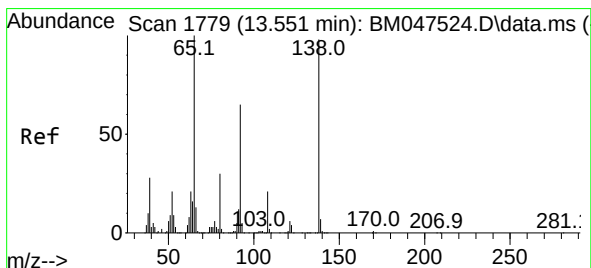
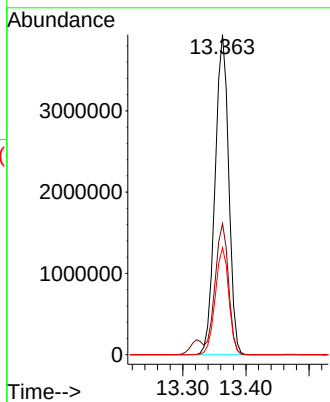
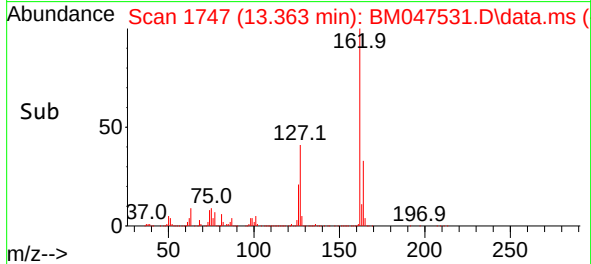
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:162 Resp: 5891760
Ion Ratio Lower Upper
162 100
127 41.0 32.2 48.4
164 33.4 26.3 39.5

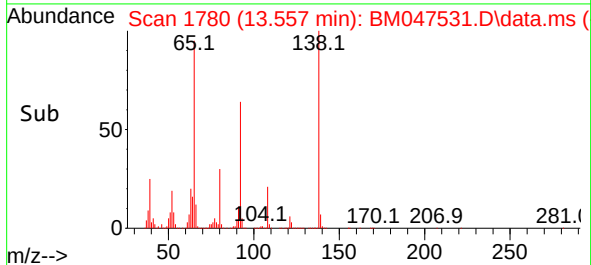
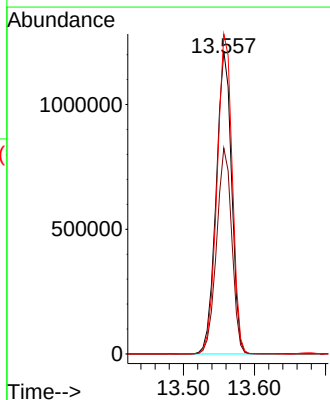
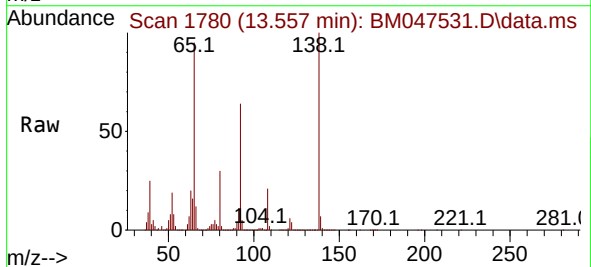
Manual Integrations
APPROVED

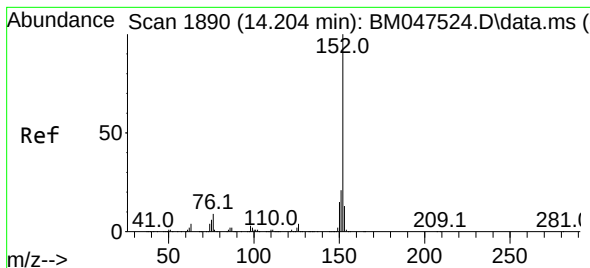
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#48
2-Nitroaniline
Concen: 88.012 ng
RT: 13.557 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion: 65 Resp: 1828124
Ion Ratio Lower Upper
65 100
92 68.0 51.9 77.9
138 105.6 78.5 117.7





#49

Acenaphthylene

Concen: 93.171 ng

RT: 14.204 min Scan# 1890

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:152 Resp: 950822

Ion Ratio Lower Upper

152 100

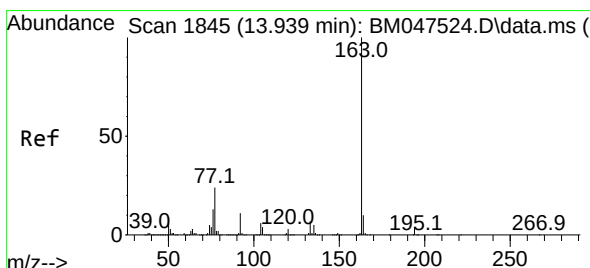
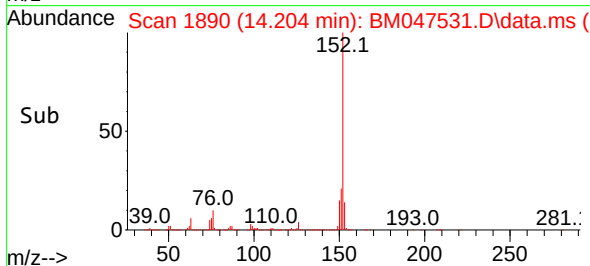
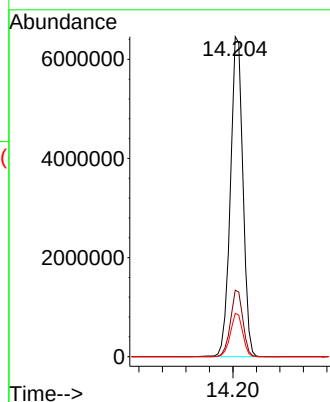
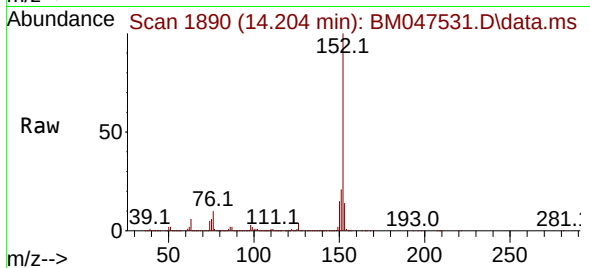
151 20.8 16.5 24.7

153 13.6 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#50

Dimethylphthalate

Concen: 85.129 ng

RT: 13.951 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

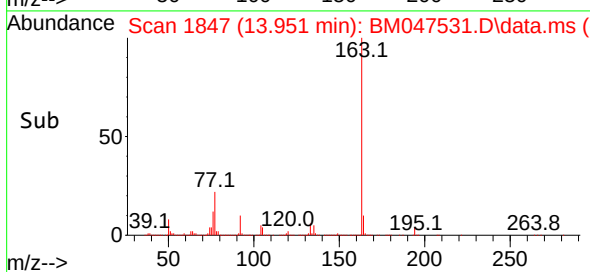
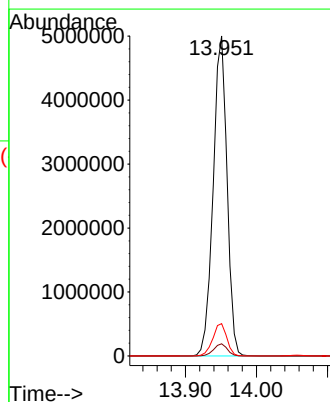
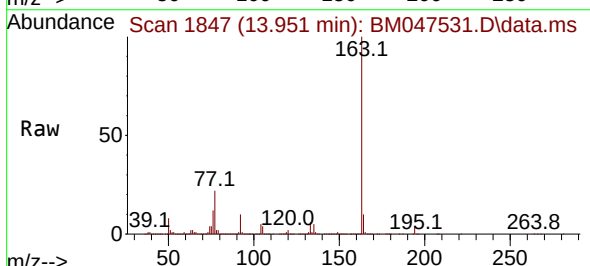
Tgt Ion:163 Resp: 6791885

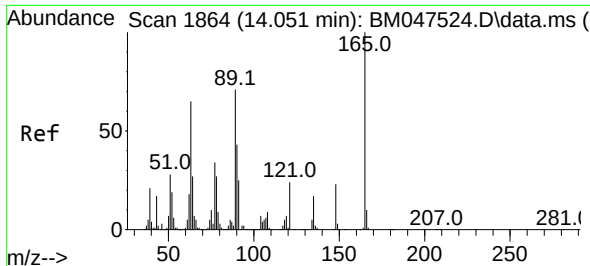
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.1 7.9 11.9





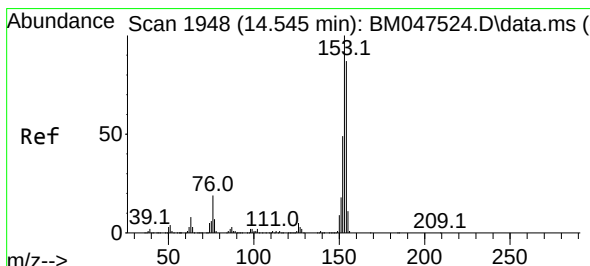
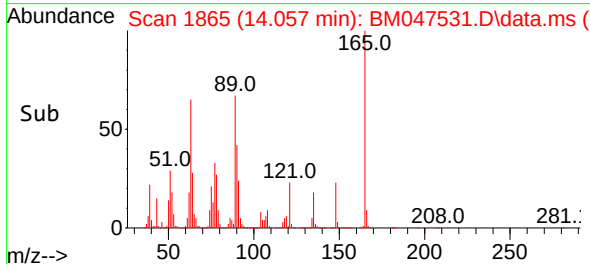
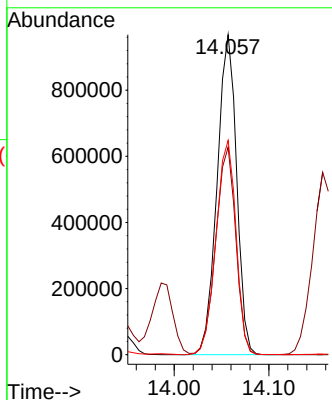
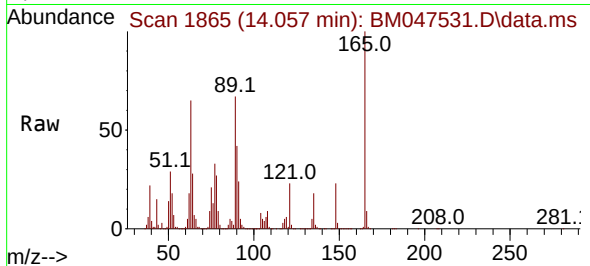
#51
2,6-Dinitrotoluene
Concen: 82.222 ng
RT: 14.057 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Instrument :
BNA_M
ClientSampleId :
PB163160BSD

Tgt Ion:165 Resp: 138483
Ion Ratio Lower Upper
165 100
63 64.8 54.2 81.2
89 66.9 56.4 84.6

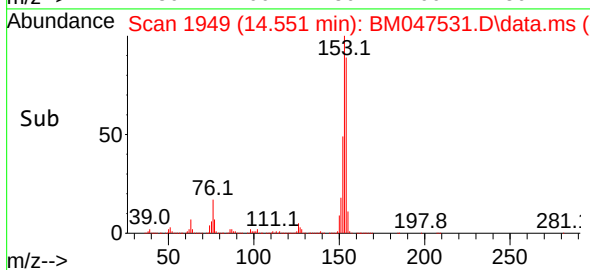
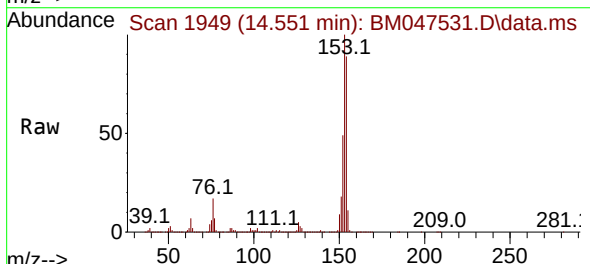
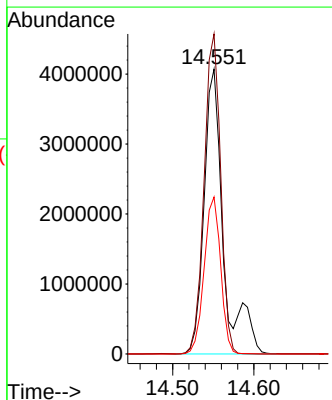
Manual Integrations
APPROVED

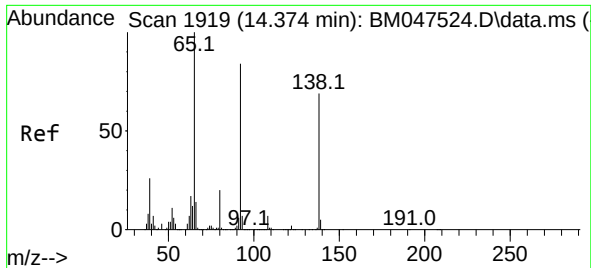
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#52
Acenaphthene
Concen: 94.156 ng m
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

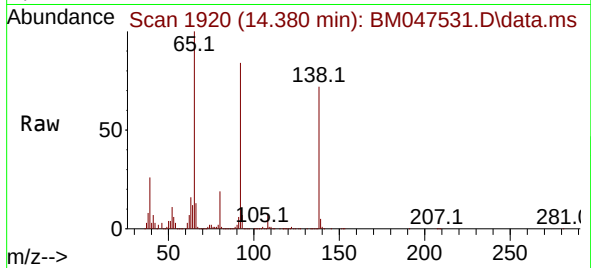
Tgt Ion:154 Resp: 6732590
Ion Ratio Lower Upper
154 100
153 112.4 92.2 138.2
152 55.1 45.4 68.0





#53
3-Nitroaniline
Concen: 62.931 ng
RT: 14.380 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

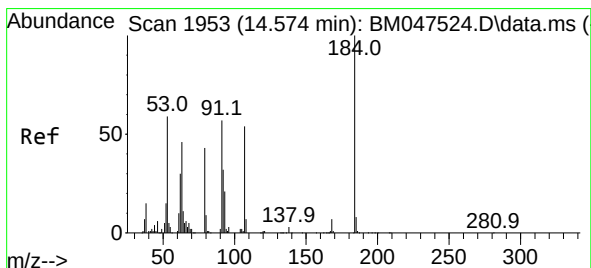
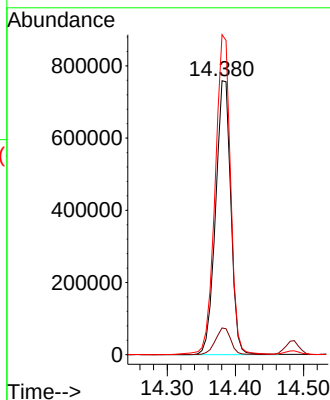
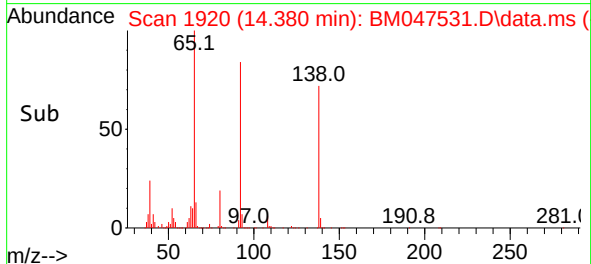
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



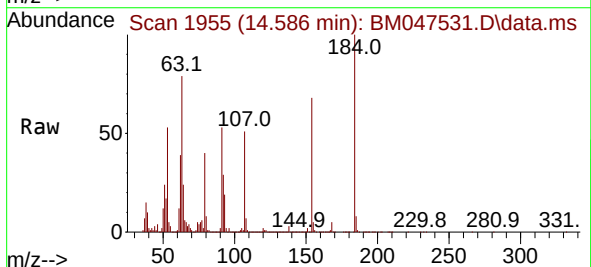
Tgt Ion:138 Resp: 117811
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 116.8 97.4 146.0

Manual Integrations
APPROVED

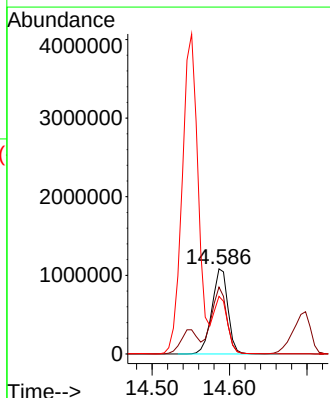
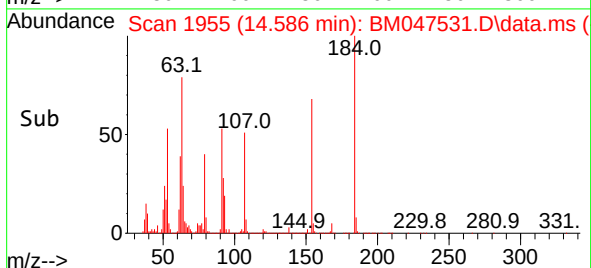
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

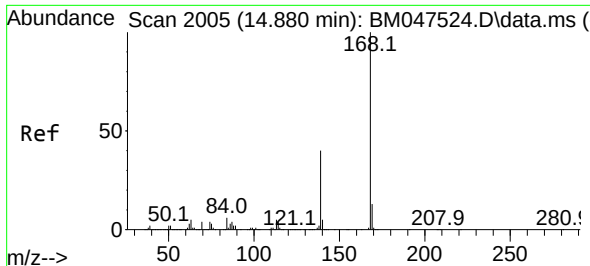


#54
2,4-Dinitrophenol
Concen: 162.560 ng
RT: 14.586 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



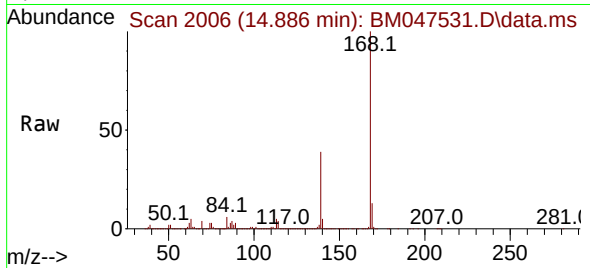
Tgt Ion:184 Resp: 1551705
Ion Ratio Lower Upper
184 100
63 78.6 69.4 104.0
154 67.7 60.4 90.6





#55
Dibenzenofuran
Concen: 85.202 ng
RT: 14.886 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

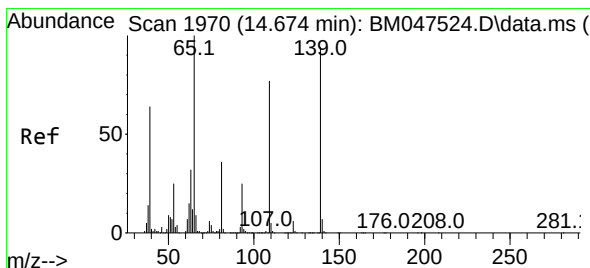
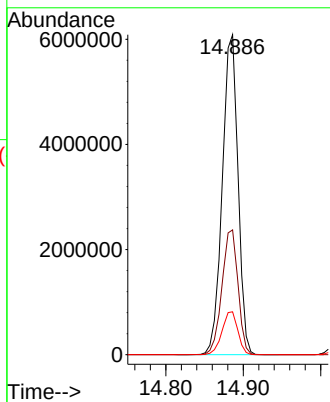
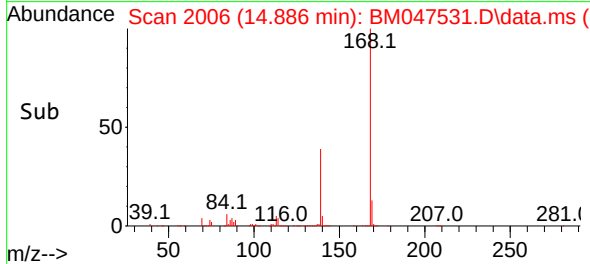
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:168 Resp: 8561080
Ion Ratio Lower Upper
168 100
139 39.0 31.9 47.9
169 13.4 10.5 15.7

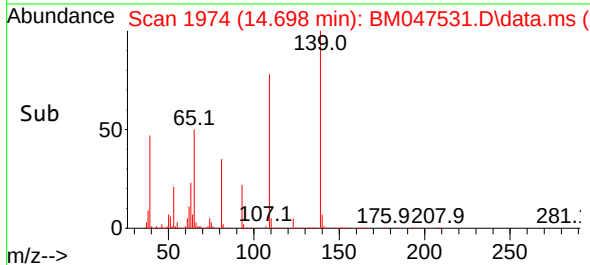
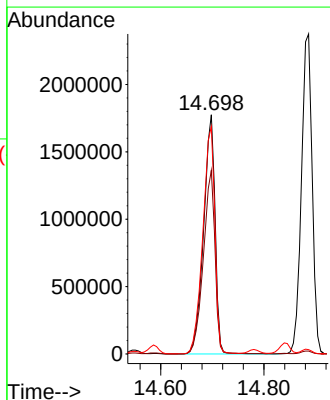
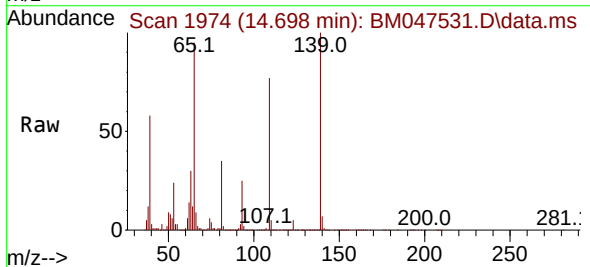
Manual Integrations
APPROVED

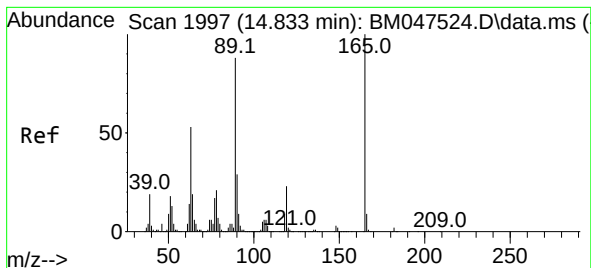
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#56
4-Nitrophenol
Concen: 177.209 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.024 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

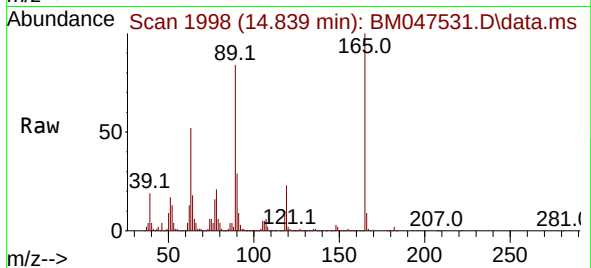
Tgt Ion:139 Resp: 2729881
Ion Ratio Lower Upper
139 100
109 76.7 62.0 102.0
65 95.0 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 85.319 ng
RT: 14.839 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

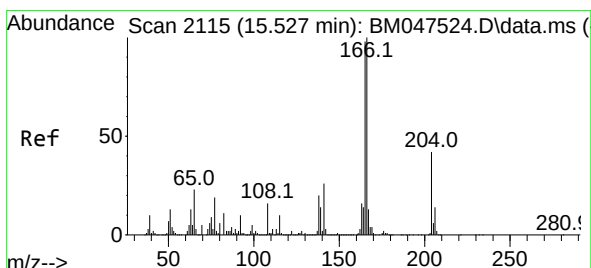
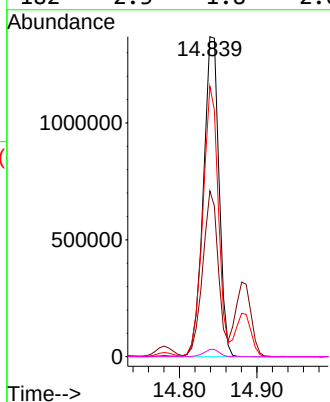
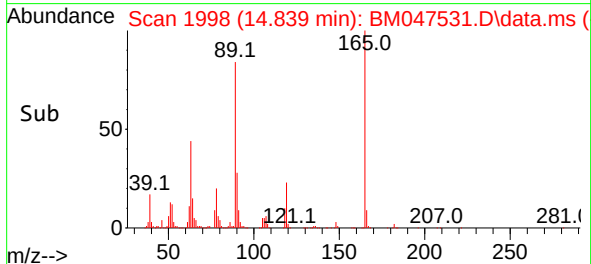
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:165 Resp: 1916492
Ion Ratio Lower Upper
165 100
63 51.8 42.4 63.6
89 84.5 70.5 105.7
182 2.3 1.8 2.6

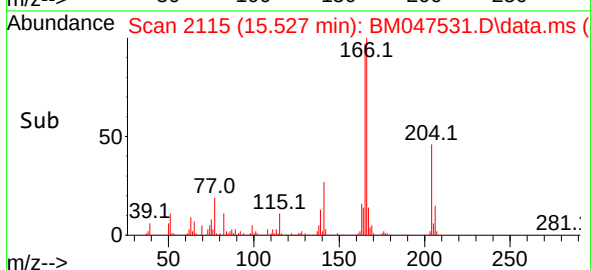
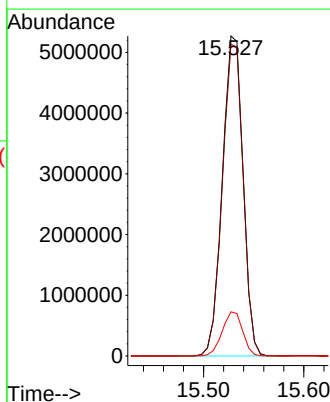
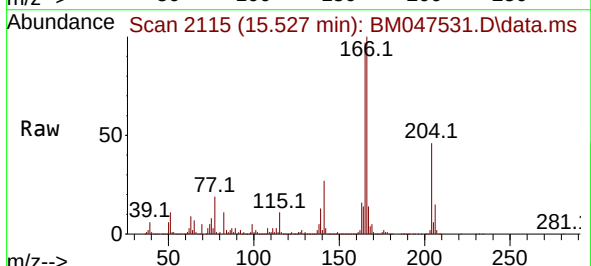
Manual Integrations
APPROVED

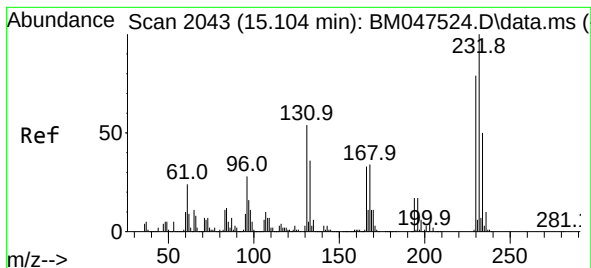
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#58
Fluorene
Concen: 83.357 ng
RT: 15.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

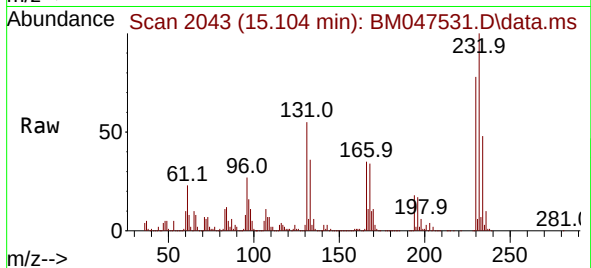
Tgt Ion:166 Resp: 7540888
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 91.000 ng
RT: 15.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

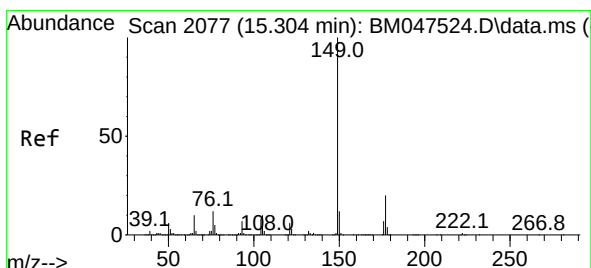
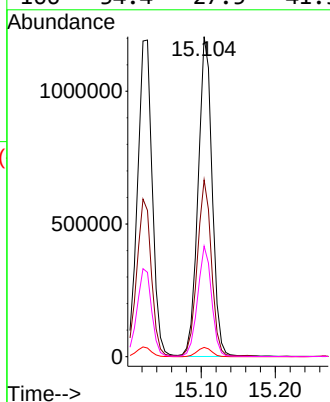
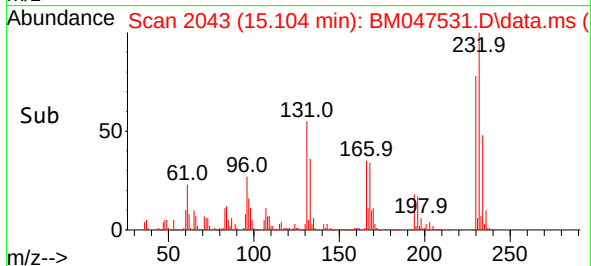
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



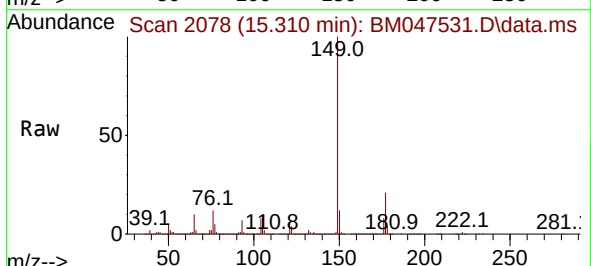
Tgt Ion:232 Resp: 159024
Ion Ratio Lower Upper
232 100
131 55.0 47.0 70.4
130 3.0 2.6 3.8
166 34.4 27.5 41.3

Manual Integrations
APPROVED

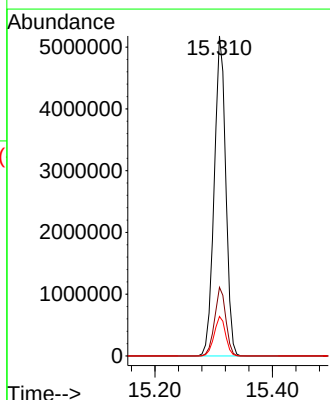
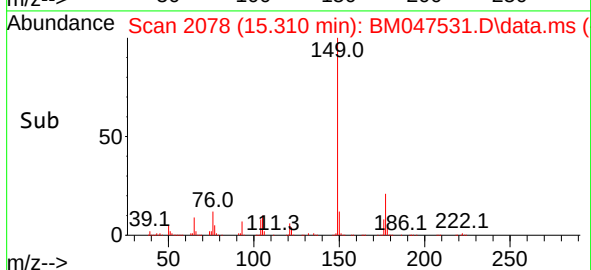
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

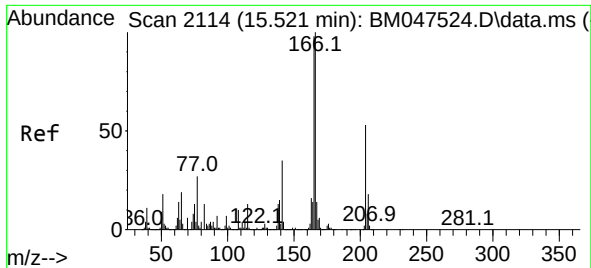


#60
Diethylphthalate
Concen: 82.976 ng
RT: 15.310 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



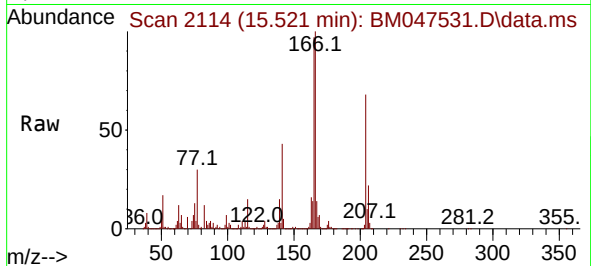
Tgt Ion:149 Resp: 7045563
Ion Ratio Lower Upper
149 100
177 21.5 15.8 23.8
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 84.797 ng
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

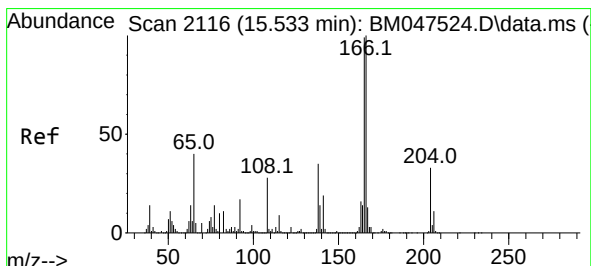
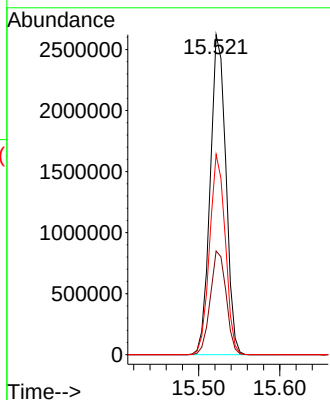
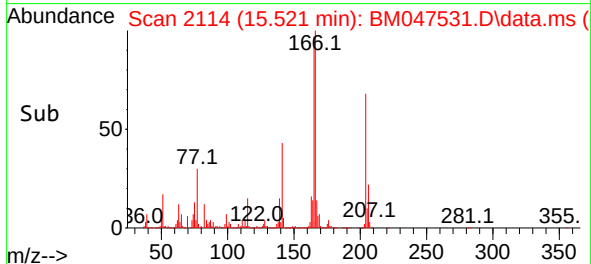
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



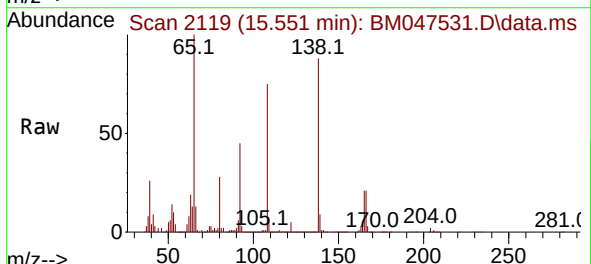
Tgt Ion:204 Resp: 3507560
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 62.6 52.1 78.1

Manual Integrations
APPROVED

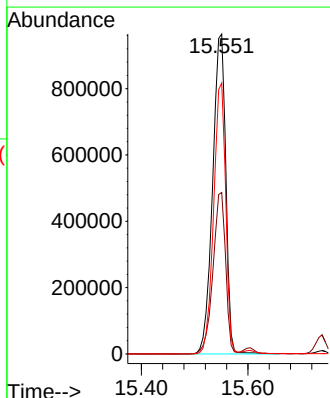
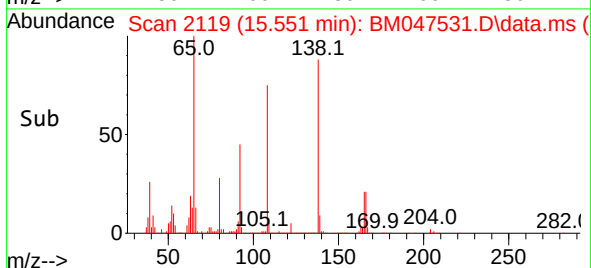
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

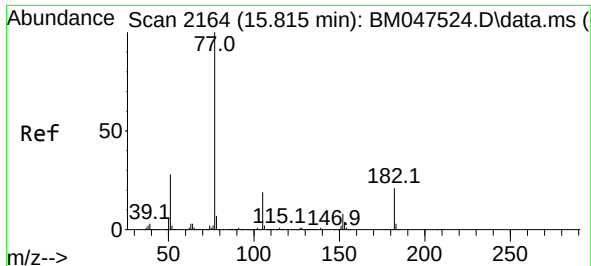


#62
4-Nitroaniline
Concen: 74.988 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



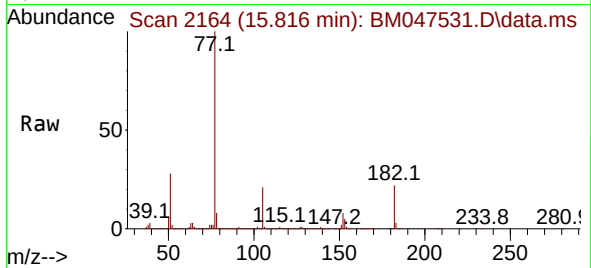
Tgt Ion:138 Resp: 1650156
Ion Ratio Lower Upper
138 100
92 50.4 30.0 70.0
108 84.7 61.7 101.7





#63
Azobenzene
Concen: 80.301 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

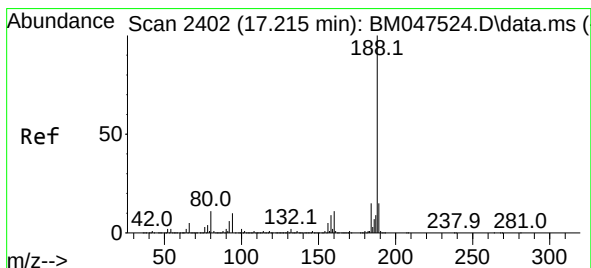
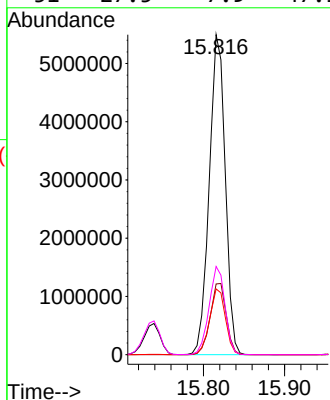
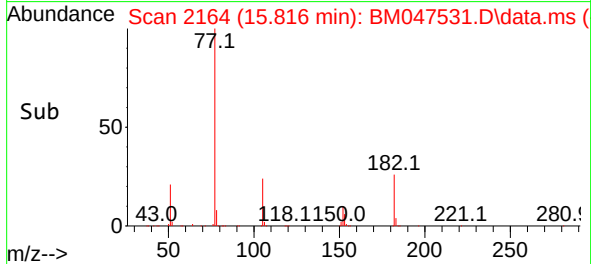
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion: 77 Resp: 750786
Ion Ratio Lower Upper
77 100
182 22.1 1.2 41.2
105 20.5 0.0 39.4
51 27.5 7.9 47.9

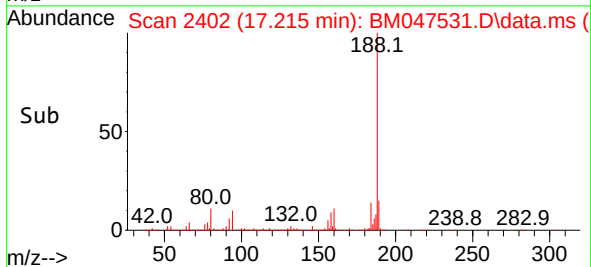
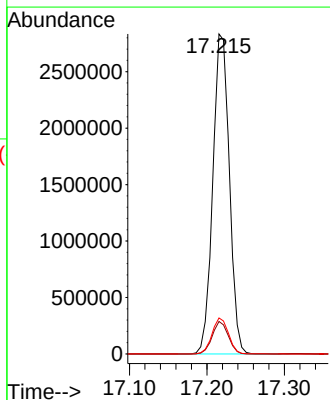
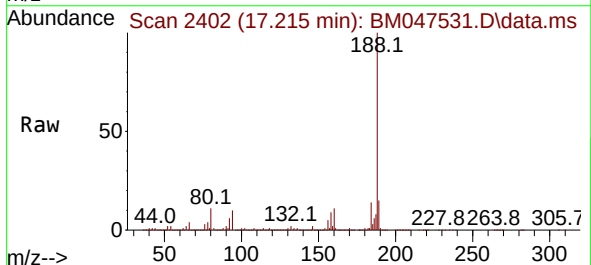
Manual Integrations
APPROVED

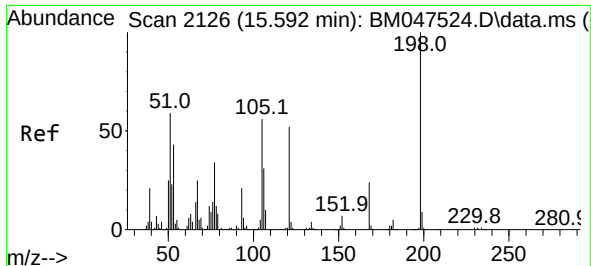
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:188 Resp: 4194273
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 11.2 9.1 13.7





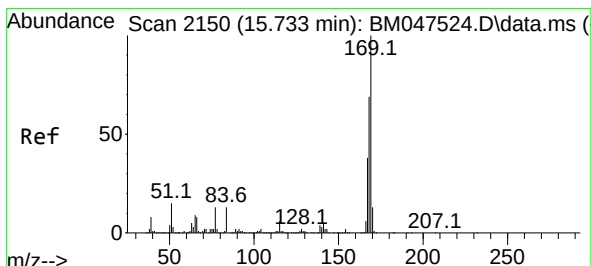
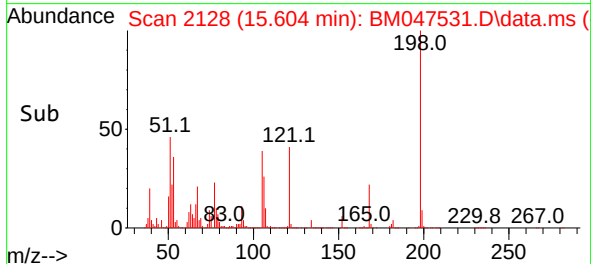
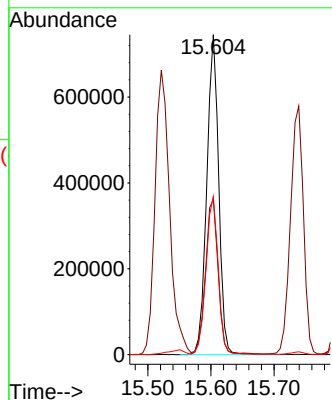
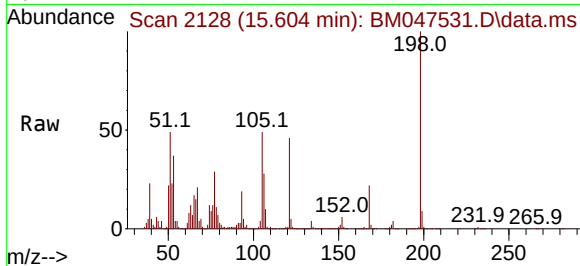
#65
4,6-Dinitro-2-methylphenol
Concen: 91.938 ng
RT: 15.604 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Instrument :
BNA_M
ClientSampleId :
PB163160BSD

Tgt Ion:198 Resp: 974425
Ion Ratio Lower Upper
198 100
51 48.5 41.5 81.5
105 49.4 36.4 76.4

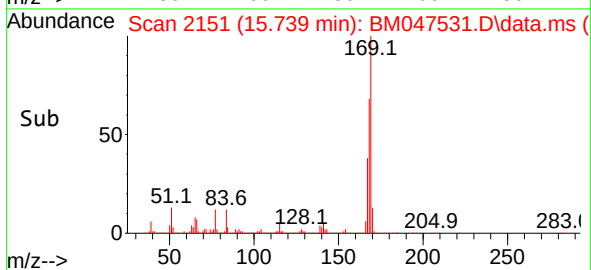
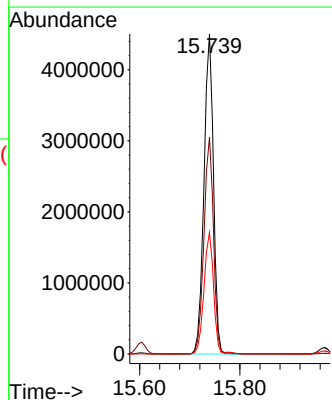
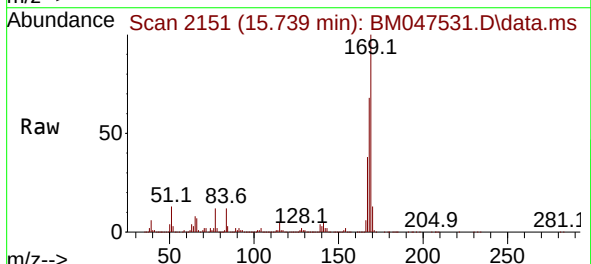
Manual Integrations
APPROVED

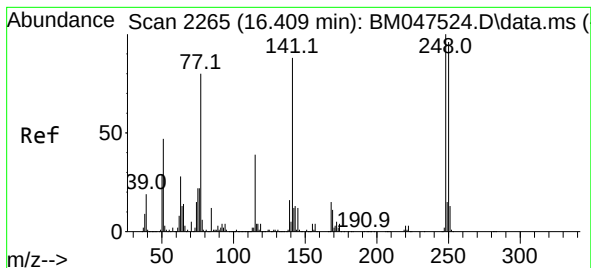
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#66
n-Nitrosodiphenylamine
Concen: 92.070 ng
RT: 15.739 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

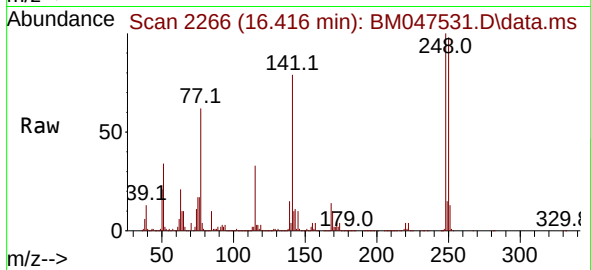
Tgt Ion:169 Resp: 5906831
Ion Ratio Lower Upper
169 100
168 67.8 55.3 82.9
167 38.0 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 94.056 ng
RT: 16.416 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

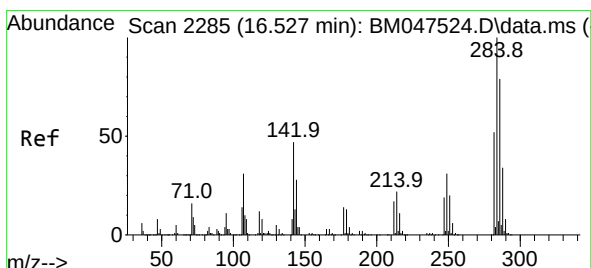
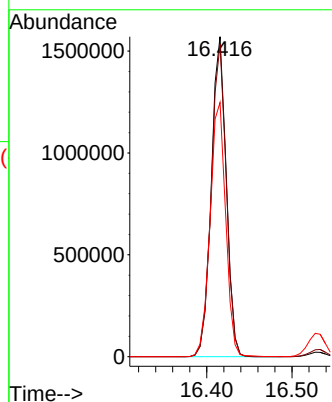
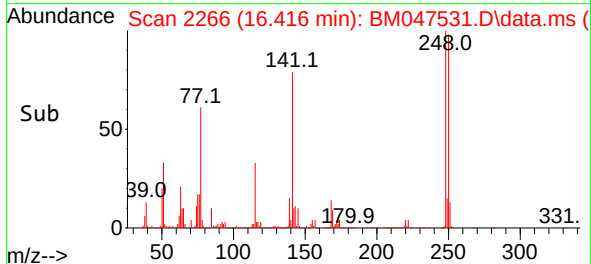
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



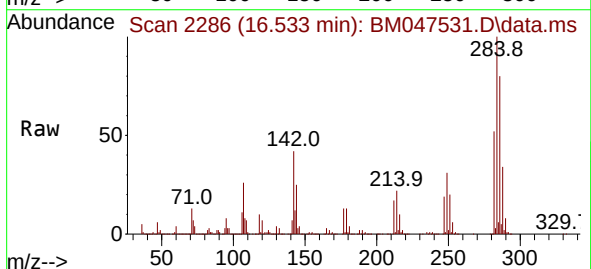
Tgt Ion:248 Resp: 1916600
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 79.5 70.8 106.2

Manual Integrations
APPROVED

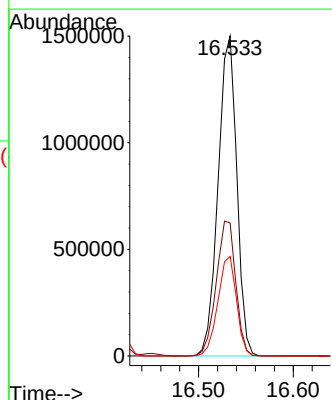
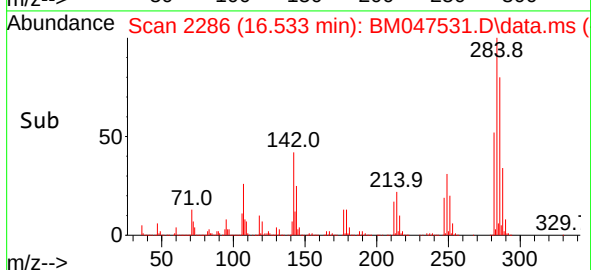
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

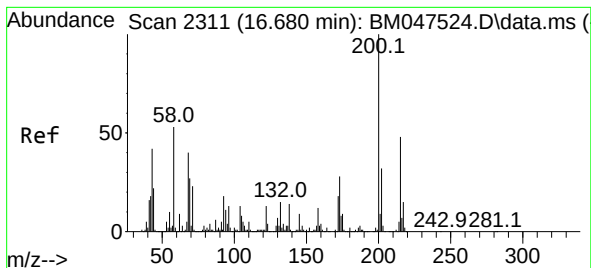


#68
Hexachlorobenzene
Concen: 89.039 ng
RT: 16.533 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



Tgt Ion:284 Resp: 2055417
Ion Ratio Lower Upper
284 100
142 41.6 37.3 55.9
249 31.1 24.5 36.7





#69

Atrazine

Concen: 59.643 ng

RT: 16.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:200 Resp: 1057590

Ion Ratio Lower Upper

200 100

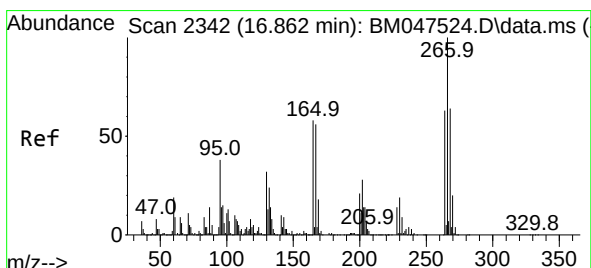
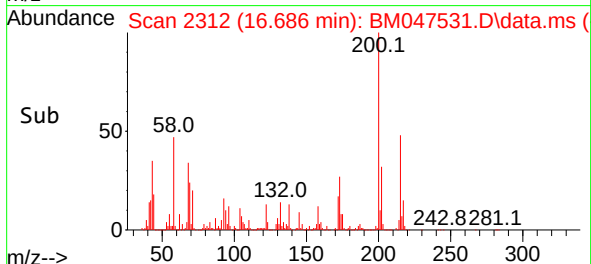
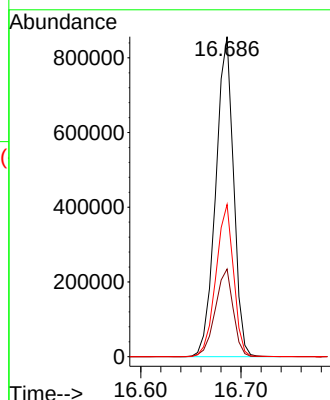
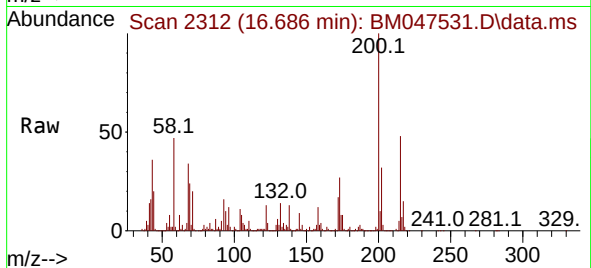
173 27.4 7.7 47.7

215 47.5 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#70

Pentachlorophenol

Concen: 204.966 ng

RT: 16.868 min Scan# 2343

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

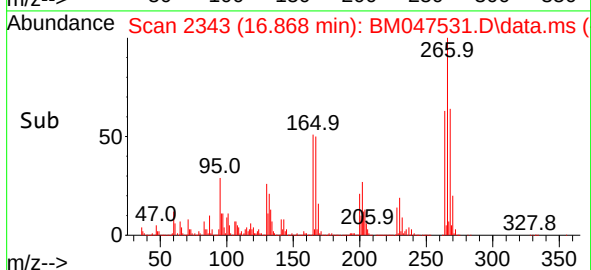
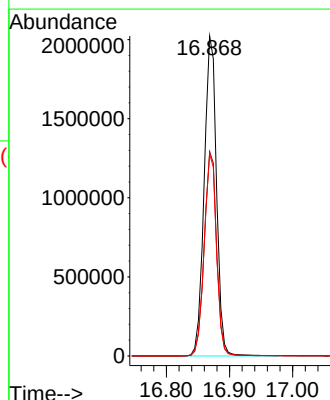
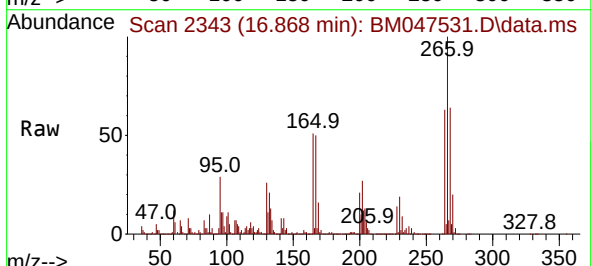
Tgt Ion:266 Resp: 2742775

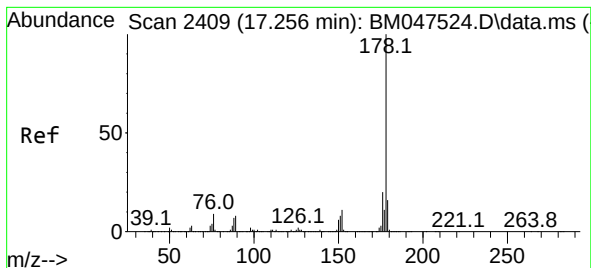
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

264 63.2 50.4 75.6





#71

Phenanthrene

Concen: 88.660 ng

RT: 17.263 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:178 Resp:1024670

Ion Ratio Lower Upper

178 100

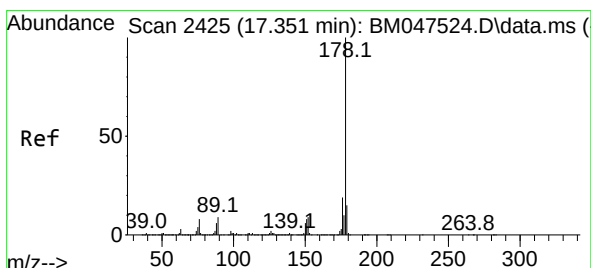
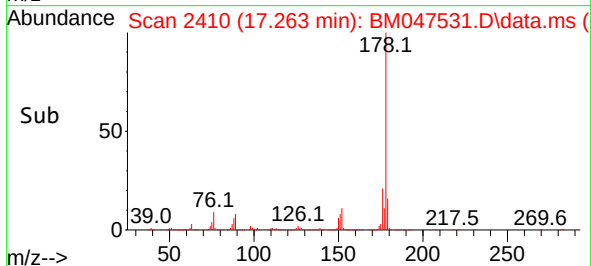
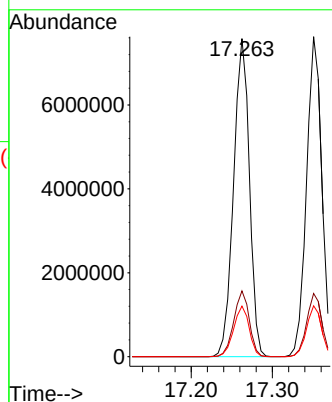
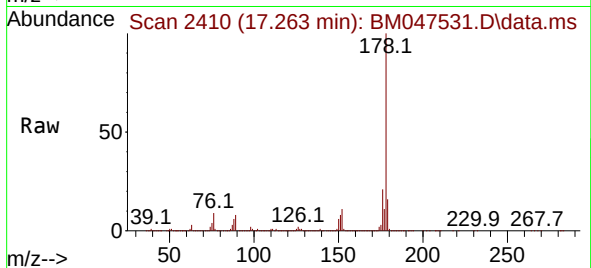
176 20.7 16.0 24.0

179 15.9 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#72

Anthracene

Concen: 89.935 ng

RT: 17.351 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

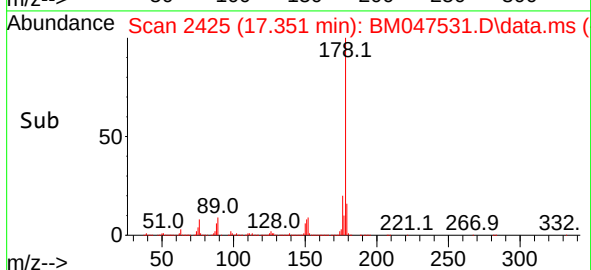
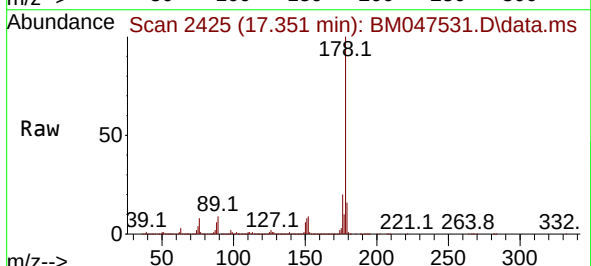
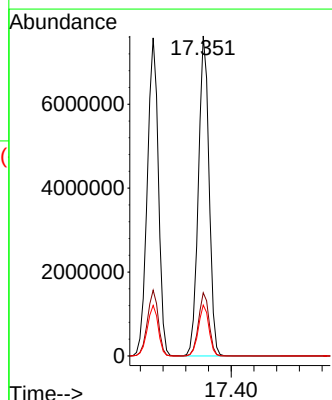
Tgt Ion:178 Resp: 9986275

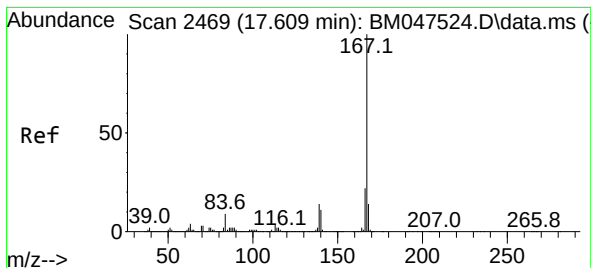
Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

179 15.9 12.3 18.5





#73

Carbazole

Concen: 85.073 ng

RT: 17.615 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:167 Resp: 936150

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

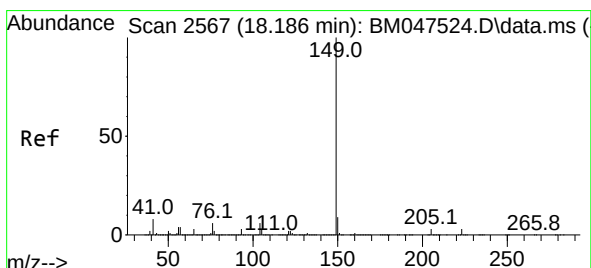
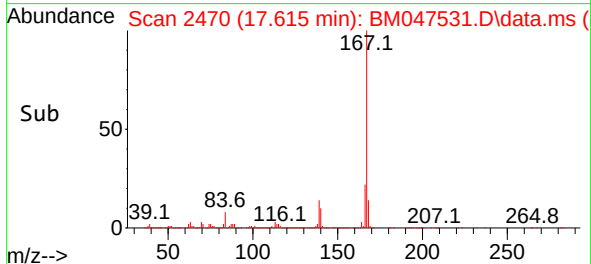
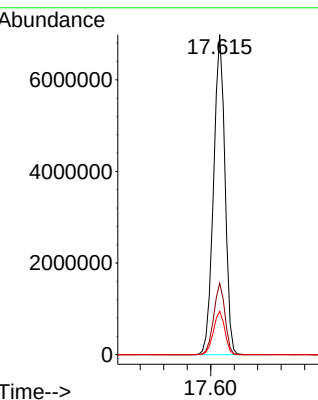
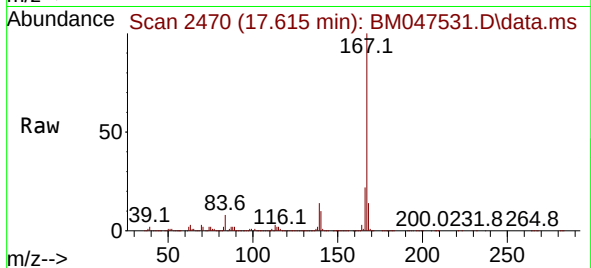
139 13.6 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#74

Di-n-butylphthalate

Concen: 86.045 ng

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

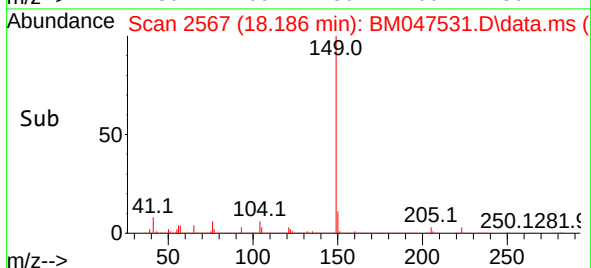
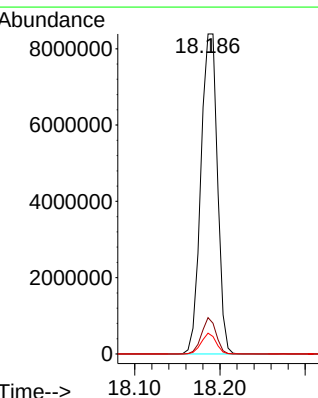
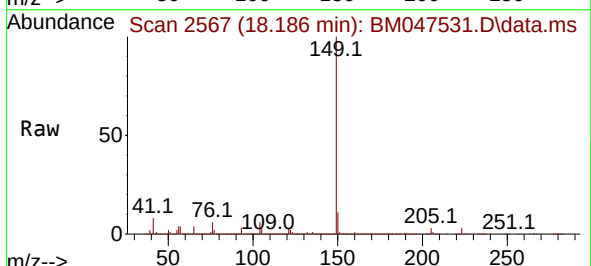
Tgt Ion:149 Resp:11329108

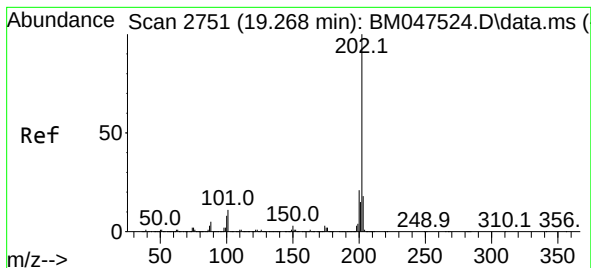
Ion Ratio Lower Upper

149 100

150 11.3 7.4 11.2#

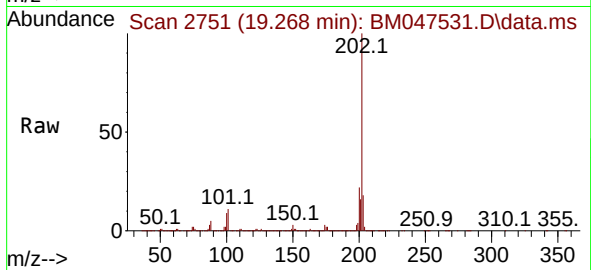
104 6.5 4.6 6.8





#75
Fluoranthene
Concen: 84.421 ng
RT: 19.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

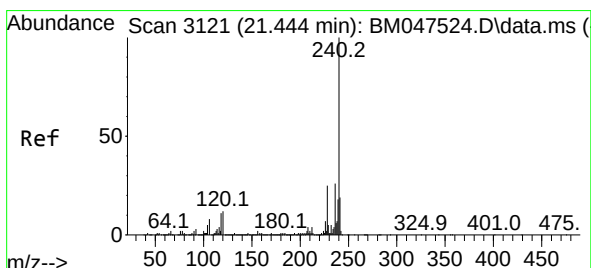
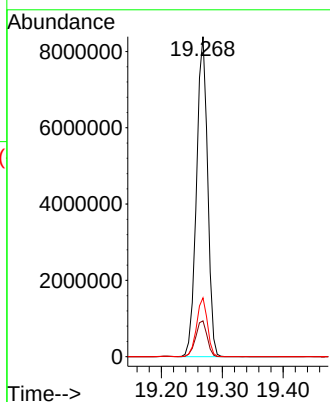
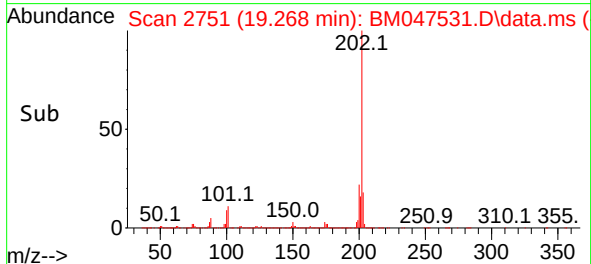
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:202 Resp:10645299
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.8
203 18.4 0.0 37.7

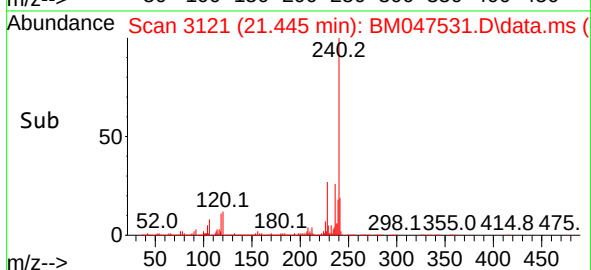
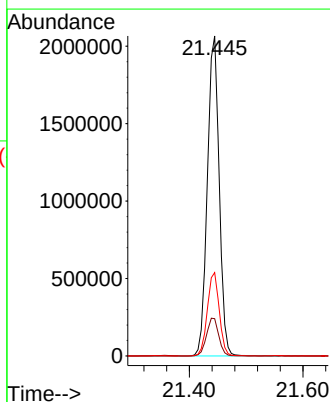
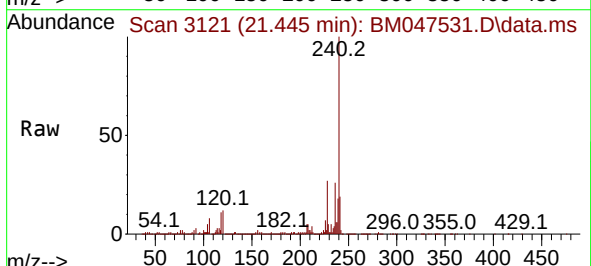
Manual Integrations
APPROVED

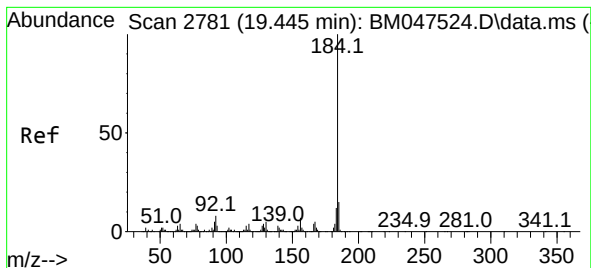
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:240 Resp: 2967510
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 26.0 20.9 31.3





#77

Benzidine

Concen: 21.311 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

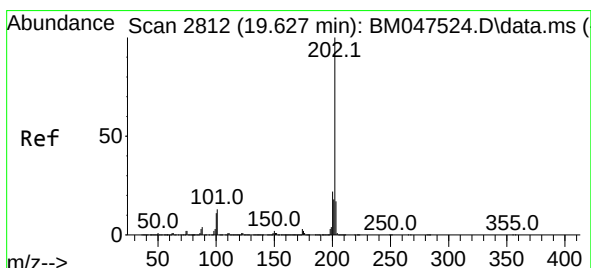
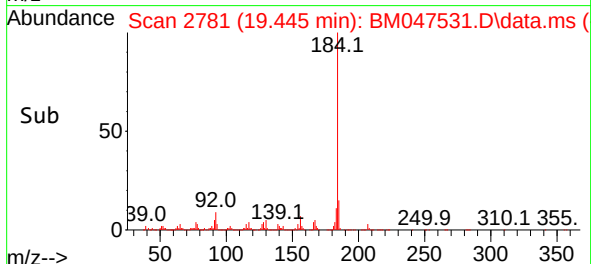
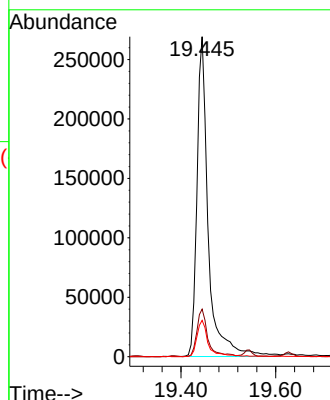
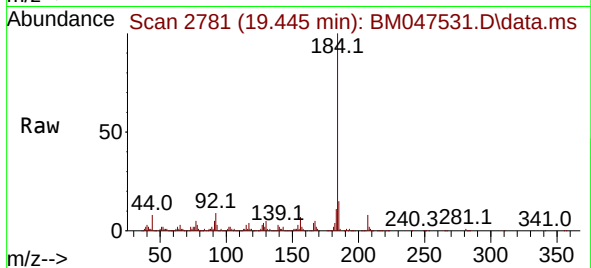
Tgt Ion:184 Resp: 44534

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.2	18.2
183	11.4	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#78

Pyrene

Concen: 100.624 ng

RT: 19.627 min Scan# 2812

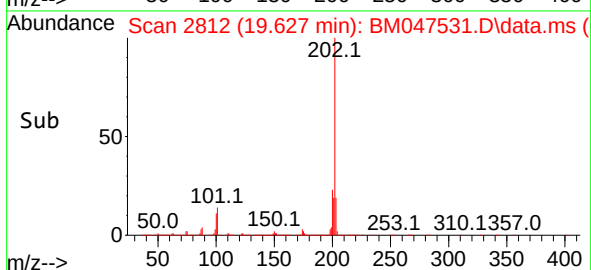
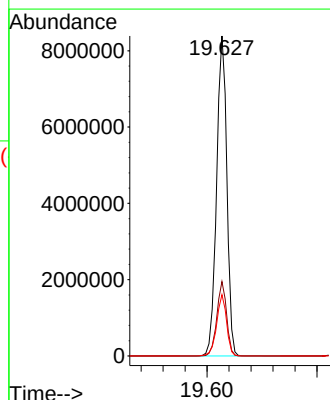
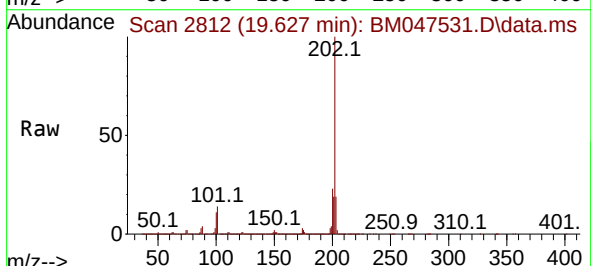
Delta R.T. 0.000 min

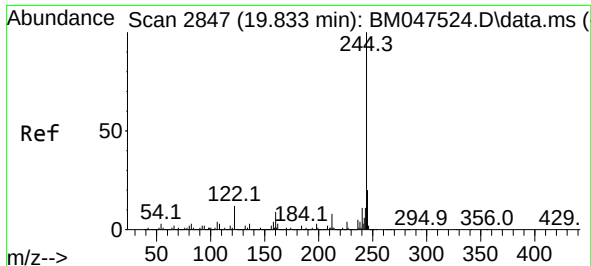
Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Tgt Ion:202 Resp:10890348

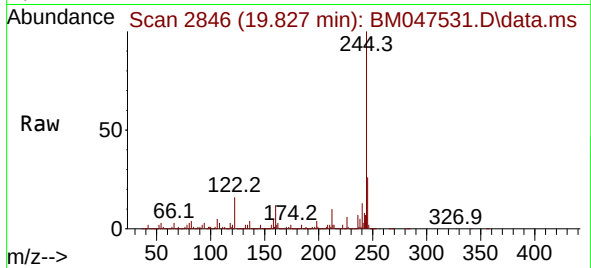
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.2	25.8
203	19.2	14.0	21.0





#79
 Terphenyl-d14
 Concen: 157.510 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047531.D
 Acq: 14 Sep 2024 19:51

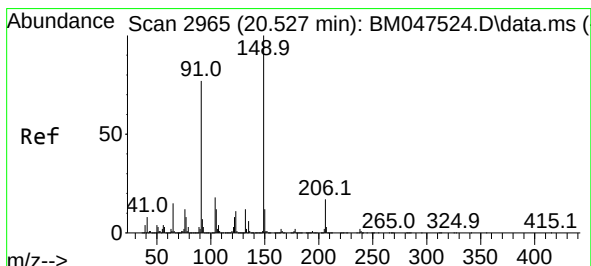
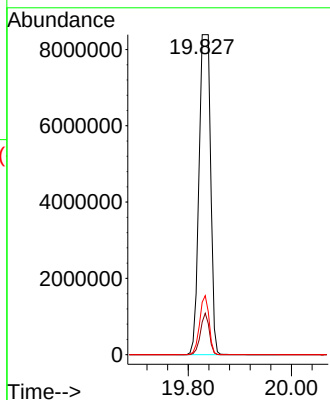
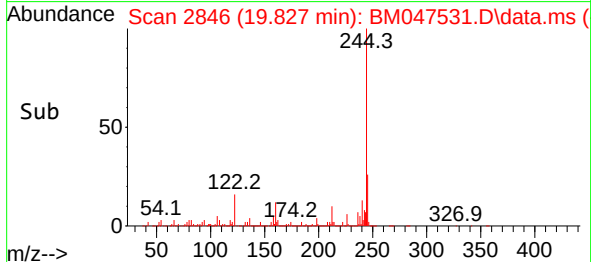
Instrument :
 BNA_M
 ClientSampleId :
 PB163160BSD



Tgt Ion:244 Resp:13042094
 Ion Ratio Lower Upper
 244 100
 212 10.2 6.2 9.2
 122 16.4 9.6 14.4

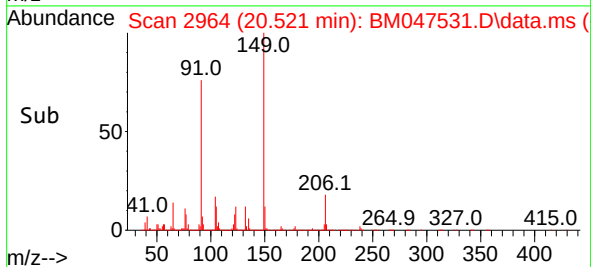
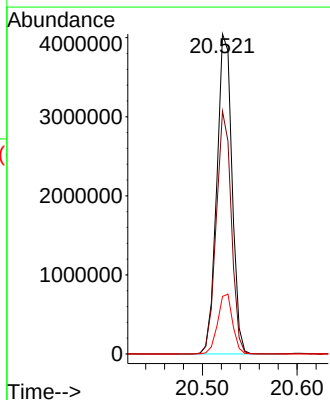
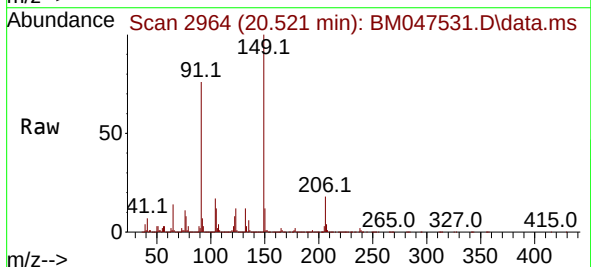
Manual Integrations
 APPROVED

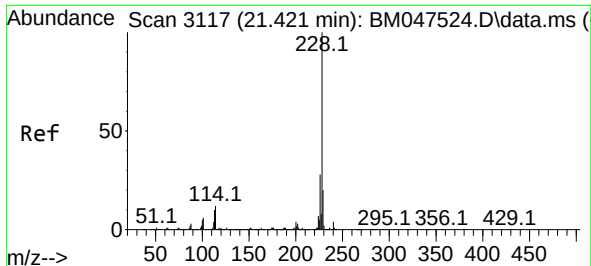
Reviewed By :Jagrut Upadhyay 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



#80
 Butylbenzylphthalate
 Concen: 108.800 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047531.D
 Acq: 14 Sep 2024 19:51

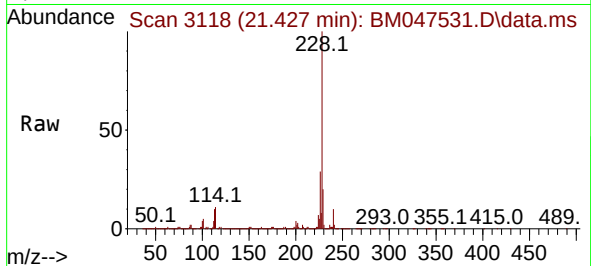
Tgt Ion:149 Resp: 4532923
 Ion Ratio Lower Upper
 149 100
 91 75.9 62.0 93.0
 206 18.0 13.8 20.8





#81
Benzo(a)anthracene
Concen: 91.872 ng
RT: 21.427 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

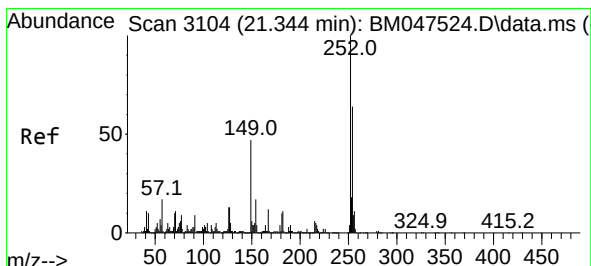
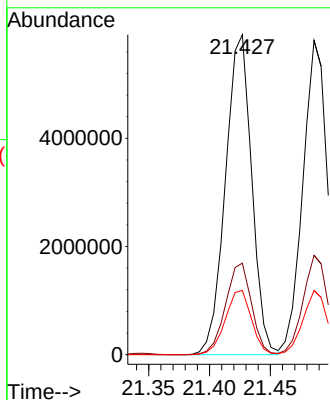
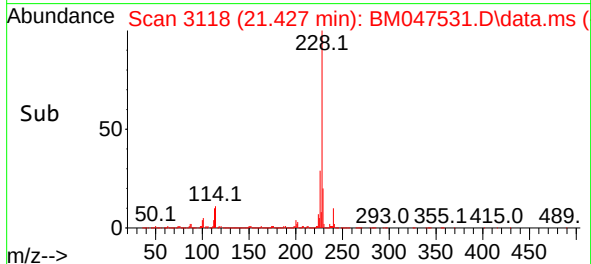
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



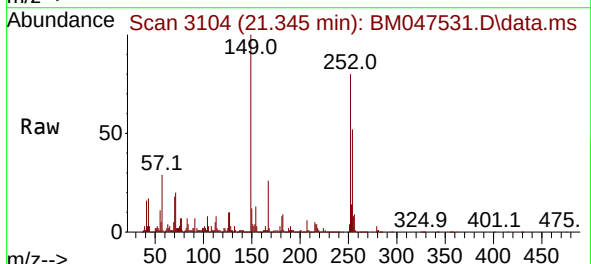
Tgt Ion:228 Resp: 888505
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.1 16.0 24.0

Manual Integrations
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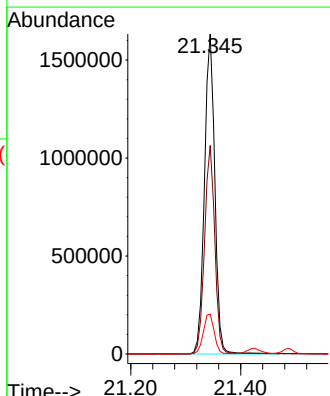
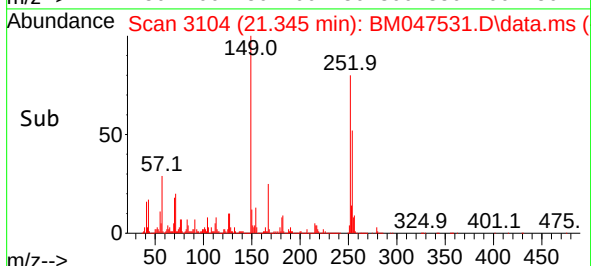
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

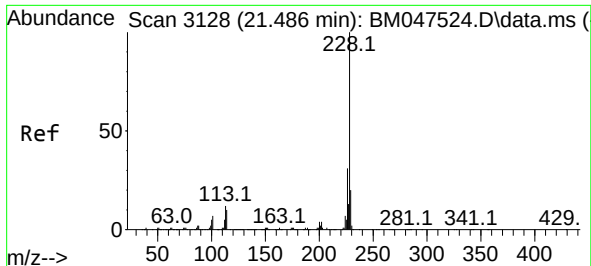


#82
3,3'-Dichlorobenzidine
Concen: 82.720 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51



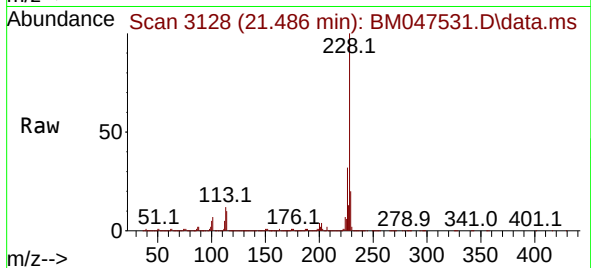
Tgt Ion:252 Resp: 2128086
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 12.4 10.3 15.5





#83
Chrysene
Concen: 89.130 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

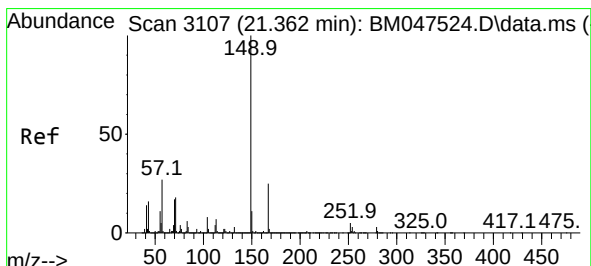
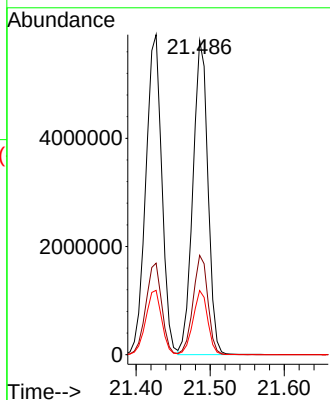
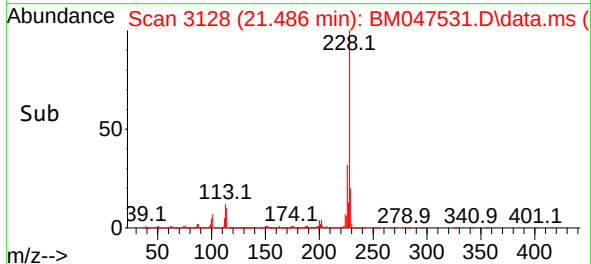
Instrument :
BNA_M
ClientSampleId :
PB163160BSD



Tgt Ion:228 Resp: 8153284
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 20.4 15.9 23.9

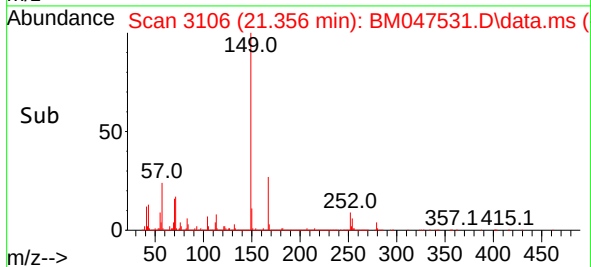
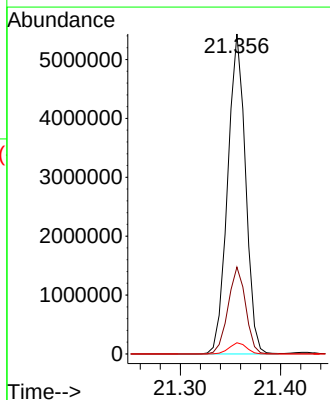
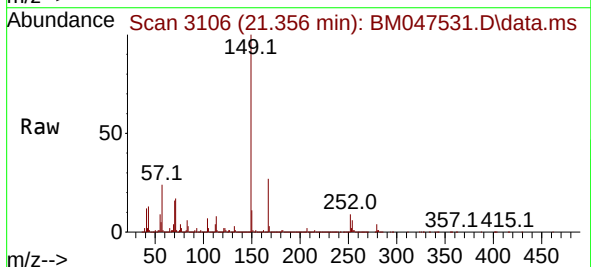
Manual Integrations
APPROVED

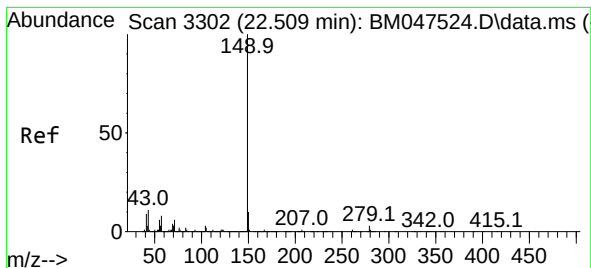
Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 102.729 ng
RT: 21.356 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM047531.D
Acq: 14 Sep 2024 19:51

Tgt Ion:149 Resp: 6704801
Ion Ratio Lower Upper
149 100
167 27.2 20.2 30.4
279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 101.930 ng

RT: 22.503 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:149 Resp: 941014

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

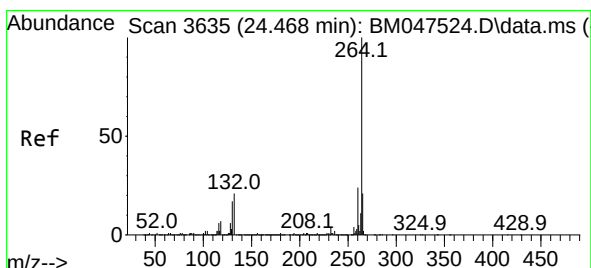
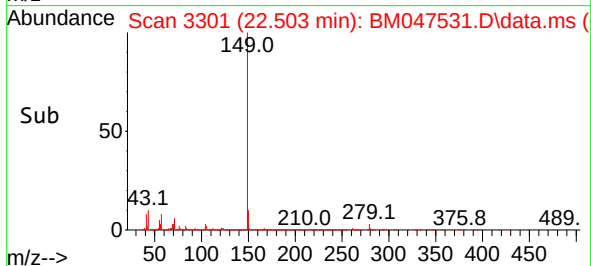
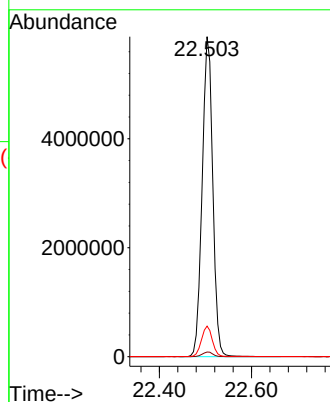
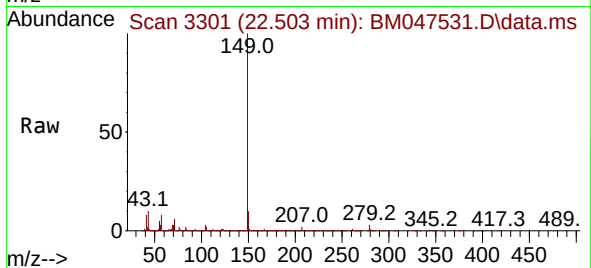
43 9.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#86

Perylene-d12

Concen: 40.000 ng

RT: 24.468 min Scan# 3635

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

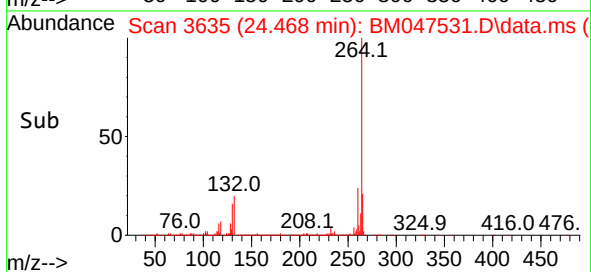
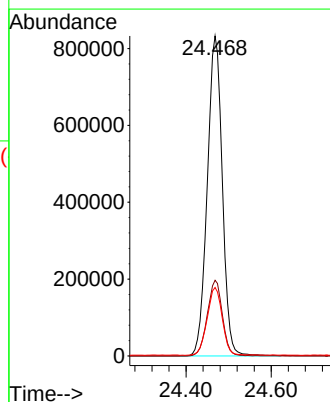
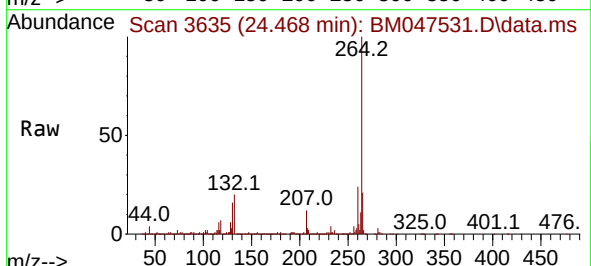
Tgt Ion:264 Resp: 2038940

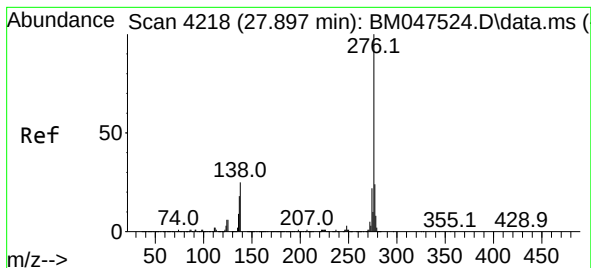
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 122.986 ng

RT: 27.909 min Scan# 4218

Delta R.T. 0.012 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:276 Resp: 750338

Ion Ratio Lower Upper

276 100

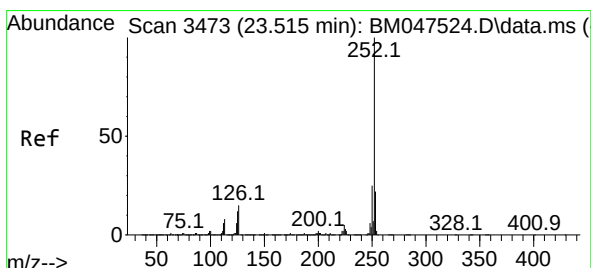
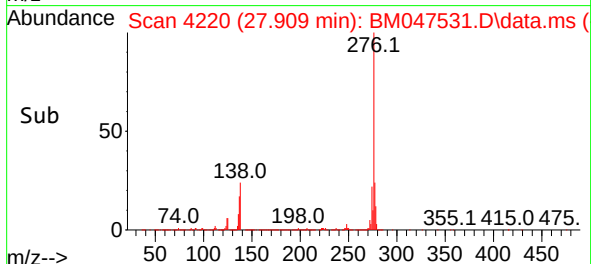
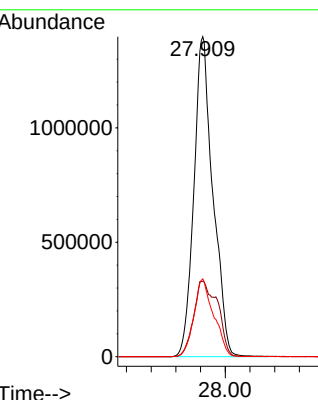
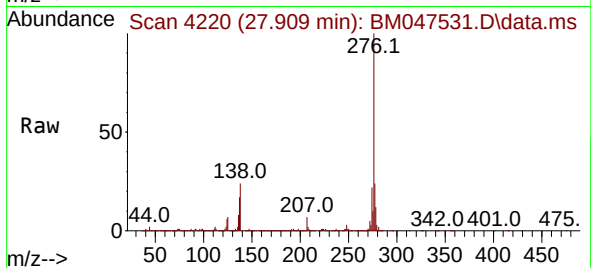
138 29.7 25.0 37.6

277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#88

Benzo(b)fluoranthene

Concen: 104.738 ng

RT: 23.515 min Scan# 3473

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

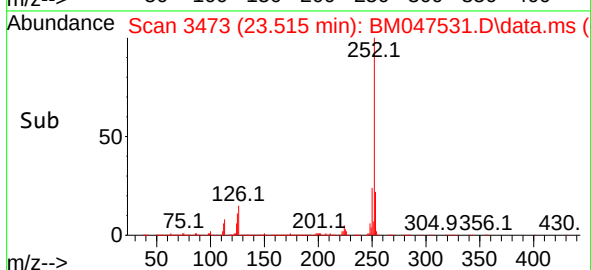
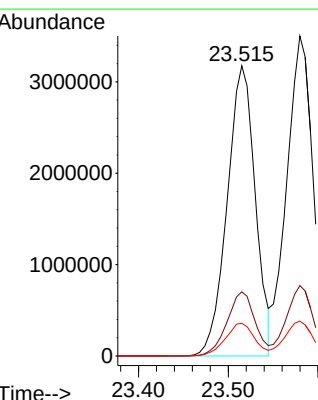
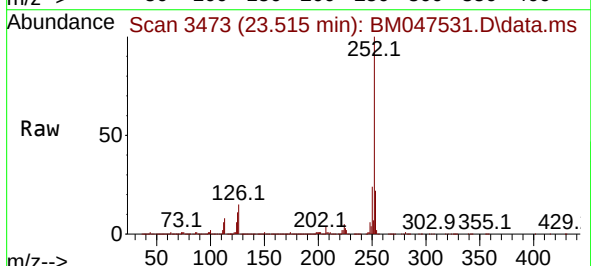
Tgt Ion:252 Resp: 6908659

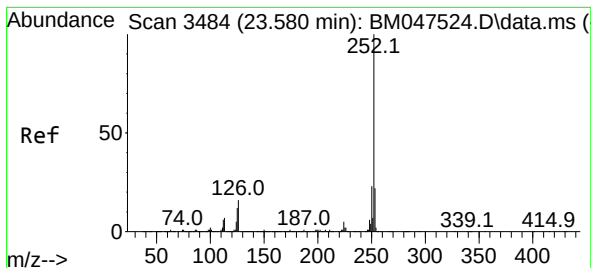
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 11.3 9.5 14.3





#89

Benzo(k)fluoranthene

Concen: 109.196 ng

RT: 23.580 min Scan# 3484

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:252 Resp: 713842

Ion Ratio Lower Upper

252 100

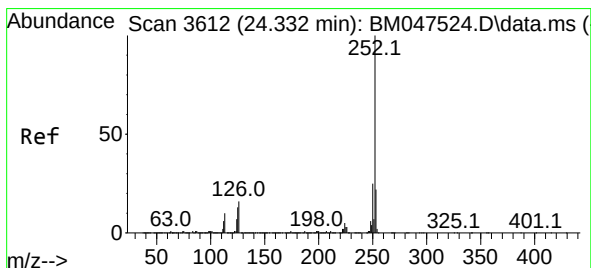
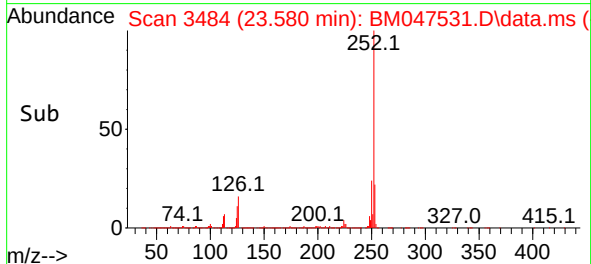
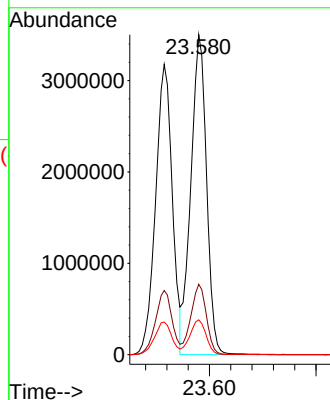
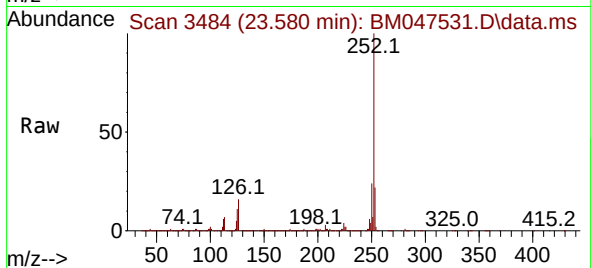
253 22.0 17.8 26.6

125 10.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#90

Benzo(a)pyrene

Concen: 113.690 ng

RT: 24.333 min Scan# 3612

Delta R.T. 0.000 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

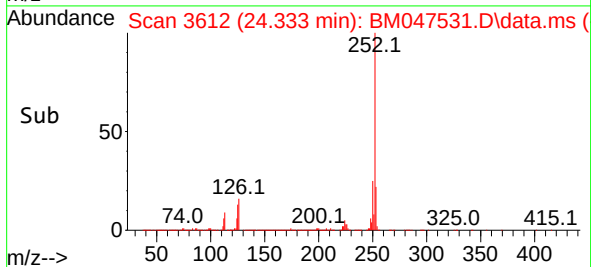
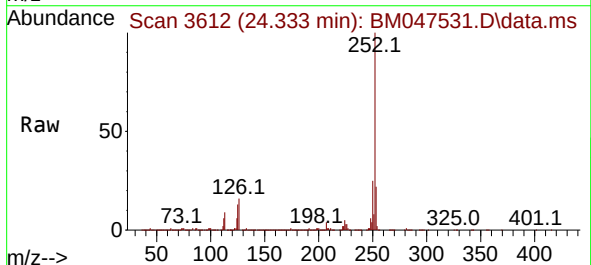
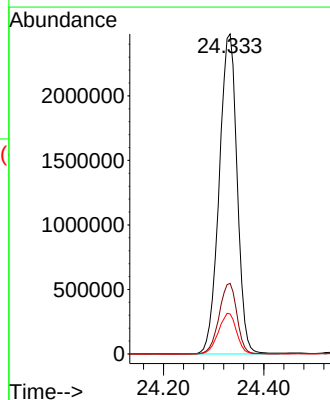
Tgt Ion:252 Resp: 6146347

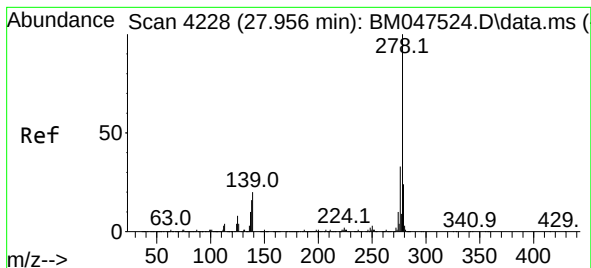
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 12.5 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 124.911 ng

RT: 27.968 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Instrument :

BNA_M

ClientSampleId :

PB163160BSD

Tgt Ion:278 Resp: 6411730

Ion Ratio Lower Upper

278 100

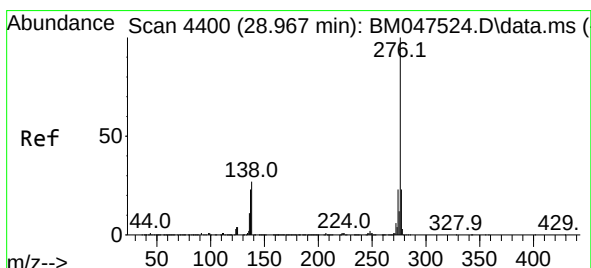
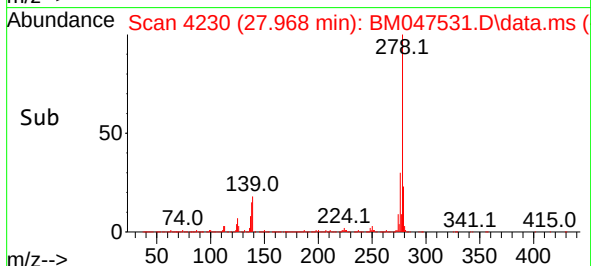
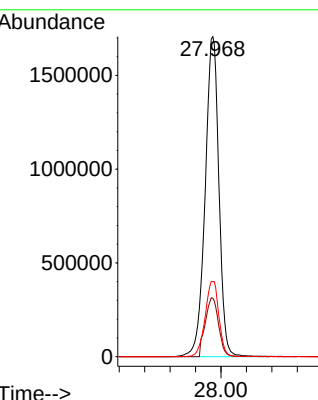
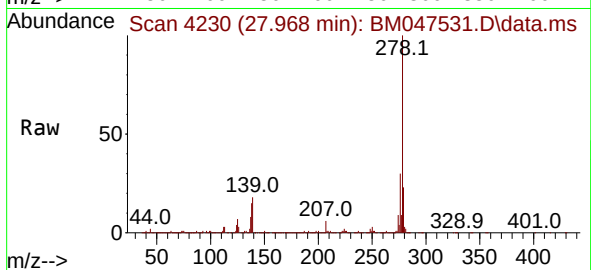
139 18.3 15.9 23.9

279 23.5 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#92

Benzo(g,h,i)perylene

Concen: 117.168 ng

RT: 28.974 min Scan# 4401

Delta R.T. 0.006 min

Lab File: BM047531.D

Acq: 14 Sep 2024 19:51

Tgt Ion:276 Resp: 5874966

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 24.8 21.5 32.3

