

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141364.D
 Acq On : 03 Feb 2025 12:44
 Operator : RC/JU
 Sample : PB166468BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 03 13:04:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	92246	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	377694	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	203609	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	343734	20.000	ng	0.00
76) Chrysene-d12	13.963	240	243486	20.000	ng	-0.01
86) Perylene-d12	15.421	264	234414	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	546522	90.955	ng	0.01
7) Phenol-d6	6.439	99	661544	86.546	ng	0.00
23) Nitrobenzene-d5	7.357	82	642716	89.707	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	179421	96.121	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1187345	89.758	ng	0.00
79) Terphenyl-d14	12.910	244	1315661	83.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	110356	41.760	ng	99
3) Pyridine	3.293	79	255116	40.068	ng	96
4) n-Nitrosodimethylamine	3.240	42	167602	46.079	ng	94
6) Aniline	6.457	93	267476	41.338	ng	# 32
8) 2-Chlorophenol	6.587	128	279168	43.347	ng	97
9) Benzaldehyde	6.345	77	225965	51.036	ng	99
10) Phenol	6.451	94	340789	42.058	ng	# 69
11) bis(2-Chloroethyl)ether	6.534	93	259872	41.828	ng	97
12) 1,3-Dichlorobenzene	6.739	146	286427	40.336	ng	99
13) 1,4-Dichlorobenzene	6.816	146	290586	40.734	ng	99
14) 1,2-Dichlorobenzene	6.963	146	280032	41.921	ng	100
15) Benzyl Alcohol	6.939	79	245815	47.057	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	442997	41.005	ng	75
17) 2-Methylphenol	7.063	107	218408	41.727	ng	# 90
18) Hexachloroethane	7.310	117	109768	41.710	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	195251	42.988	ng	100
20) 3+4-Methylphenols	7.216	107	286970	44.652	ng	# 83
22) Acetophenone	7.204	105	425016	47.341	ng	# 96
24) Nitrobenzene	7.381	77	294998	39.732	ng	99
25) Isophorone	7.616	82	526883	42.543	ng	98
26) 2-Nitrophenol	7.692	139	146508	41.840	ng	96
27) 2,4-Dimethylphenol	7.739	122	235515m	52.842	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	324070	41.022	ng	99
29) 2,4-Dichlorophenol	7.945	162	229279	42.020	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	244875	39.298	ng	100
31) Naphthalene	8.098	128	800918	40.141	ng	100
32) Benzoic acid	7.863	122	191082	46.637	ng	98
33) 4-Chloroaniline	8.151	127	131775	19.476	ng	98
34) Hexachlorobutadiene	8.216	225	147922	40.479	ng	99
35) Caprolactam	8.516	113	80262m	45.041	ng	
36) 4-Chloro-3-methylphenol	8.645	107	253967	43.393	ng	97
37) 2-Methylnaphthalene	8.792	142	507995	40.058	ng	100
38) 1-Methylnaphthalene	8.892	142	500486	40.177	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	271467	46.866	ng	99
41) Hexachlorocyclopentadiene	8.945	237	320846	187.555	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	164100	43.283	ng	99

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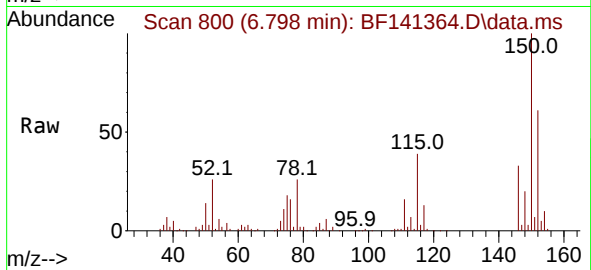
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	178649	43.293	ng	99
46) 1,1'-Biphenyl	9.257	154	735017	46.289	ng	99
47) 2-Chloronaphthalene	9.280	162	501873	40.549	ng	99
48) 2-Nitroaniline	9.375	65	170006	43.669	ng	96
49) Acenaphthylene	9.698	152	788250	45.497	ng	100
50) Dimethylphthalate	9.557	163	589543	42.871	ng	99
51) 2,6-Dinitrotoluene	9.622	165	130295	40.807	ng	99
52) Acenaphthene	9.869	154	588646m	47.559	ng	
53) 3-Nitroaniline	9.786	138	74473	23.797	ng	96
54) 2,4-Dinitrophenol	9.898	184	155968	105.080	ng	94
55) Dibenzofuran	10.039	168	709857	42.846	ng	98
56) 4-Nitrophenol	9.969	139	226393	98.918	ng	93
57) 2,4-Dinitrotoluene	10.022	165	179950	43.529	ng	95
58) Fluorene	10.386	166	553666	43.083	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	150622	46.397	ng	98
60) Diethylphthalate	10.257	149	580043	43.502	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	269308	42.901	ng	98
62) 4-Nitroaniline	10.404	138	134490	43.712	ng	96
63) Azobenzene	10.533	77	570513	42.745	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	101114	49.732	ng	100
66) n-Nitrosodiphenylamine	10.498	169	493450	44.385	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	166220	43.194	ng	98
68) Hexachlorobenzene	10.933	284	175203	42.921	ng	97
69) Atrazine	11.027	200	184369	49.599	ng	100
70) Pentachlorophenol	11.133	266	222097	92.914	ng	98
71) Phenanthrene	11.345	178	828491	44.839	ng	99
72) Anthracene	11.398	178	851738	47.046	ng	100
73) Carbazole	11.551	167	742030	46.223	ng	99
74) Di-n-butylphthalate	11.886	149	882495	45.361	ng	99
75) Fluoranthene	12.533	202	864959	47.410	ng	99
77) Benzidine	12.657	184	365599	46.837	ng	99
78) Pyrene	12.763	202	878288	37.578	ng	99
80) Butylbenzylphthalate	13.386	149	351233	43.015	ng	99
81) Benzo(a)anthracene	13.951	228	679307	40.430	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	131566	24.620	ng	100
83) Chrysene	13.992	228	663360	43.080	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	464794	44.873	ng	99
85) Di-n-octyl phthalate	14.568	149	757337	47.075	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	709714	46.909	ng	98
88) Benzo(b)fluoranthene	15.004	252	683657	46.365	ng	99
89) Benzo(k)fluoranthene	15.033	252	543607	41.616	ng	99
90) Benzo(a)pyrene	15.362	252	588326	47.216	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	577441	47.439	ng	99
92) Benzo(g,h,i)perylene	17.309	276	556775	43.990	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

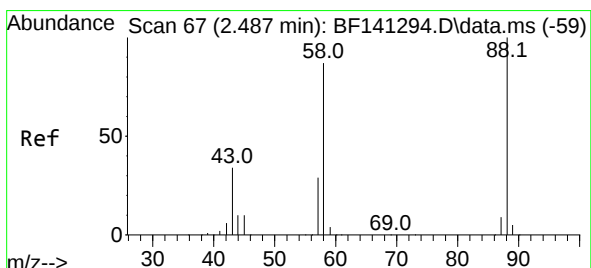
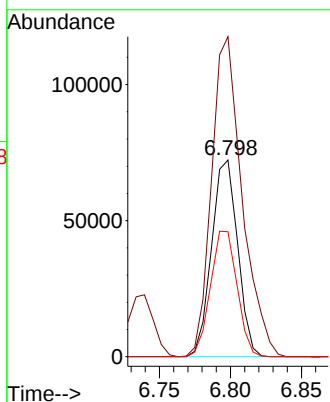
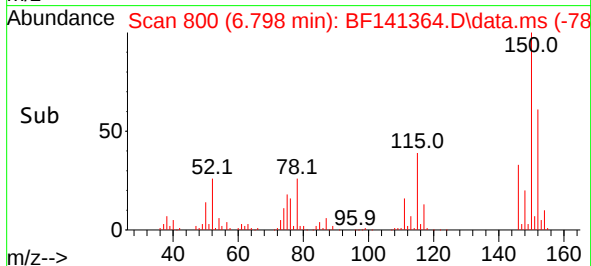
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



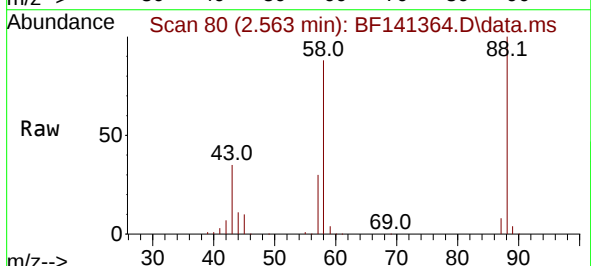
Tgt Ion:152 Resp: 92240
Ion Ratio Lower Upper
152 100
150 162.8 125.9 188.9
115 63.5 49.7 74.5

Manual Integrations
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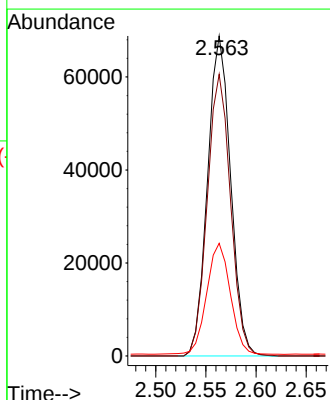
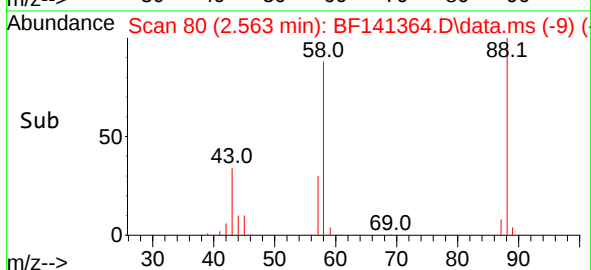
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

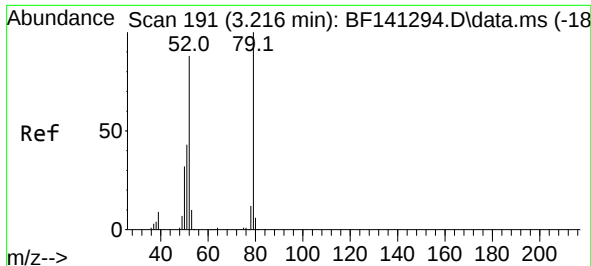


#2
1,4-Dioxane
Concen: 41.760 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.070 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



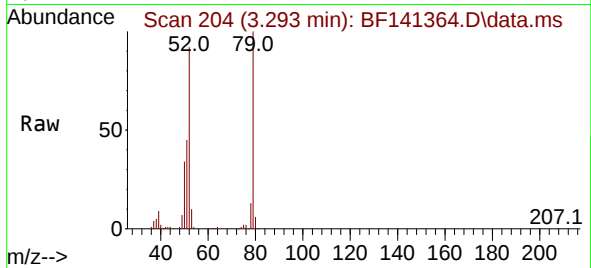
Tgt Ion: 88 Resp: 110356
Ion Ratio Lower Upper
88 100
58 88.7 70.2 105.4
43 35.5 27.6 41.4





#3
Pyridine
Concen: 40.068 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.065 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

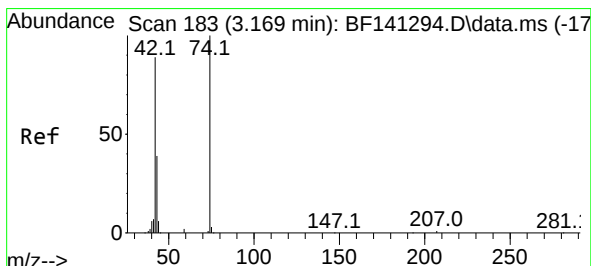
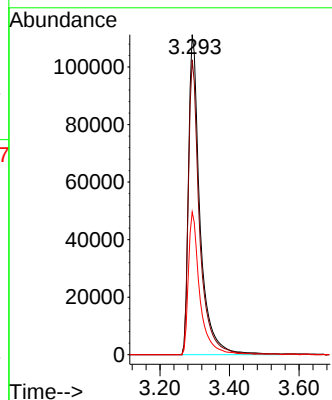
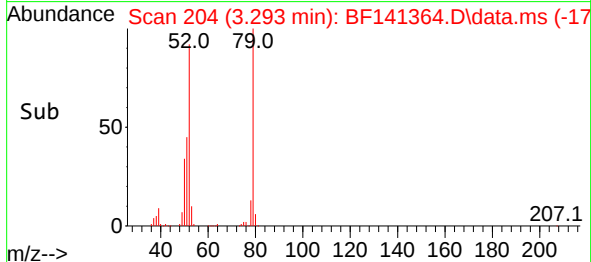
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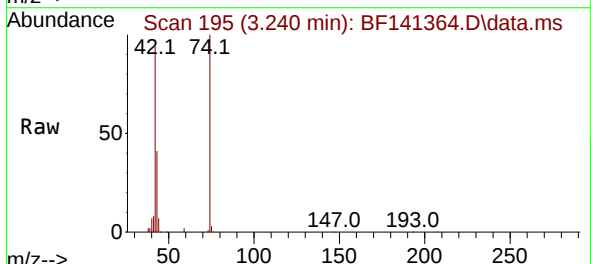
Tgt Ion: 79 Resp: 255110
Ion Ratio Lower Upper
79 100
52 92.2 70.3 105.5
51 44.6 34.3 51.5

Manual Integrations
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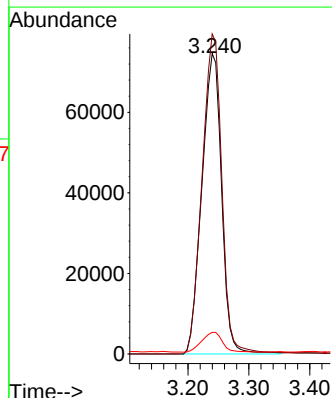
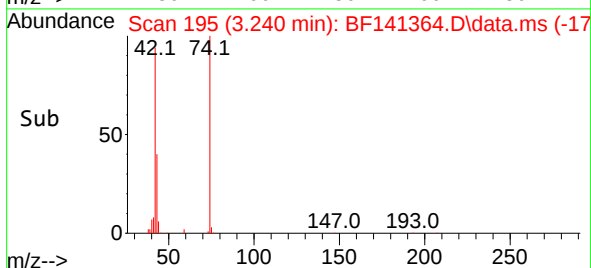
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#4
n-Nitrosodimethylamine
Concen: 46.079 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.041 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



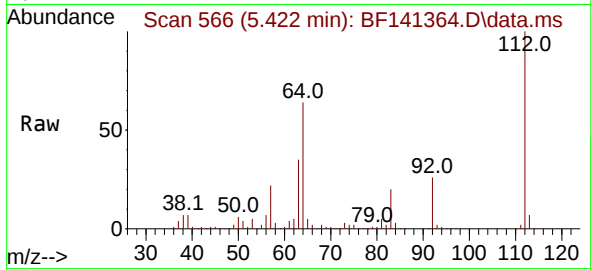
Tgt Ion: 42 Resp: 167602
Ion Ratio Lower Upper
42 100
74 106.5 90.3 135.5
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 90.955 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

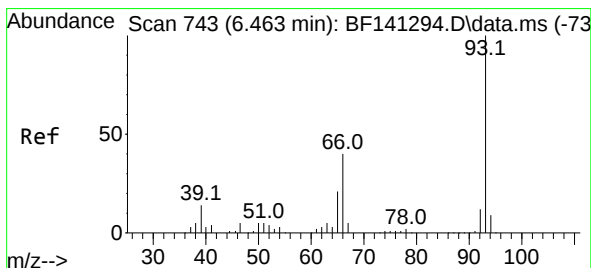
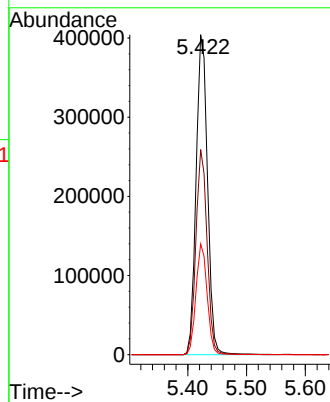
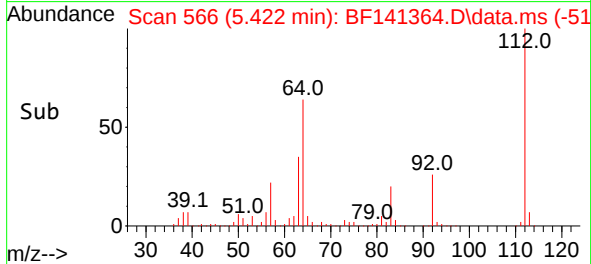
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



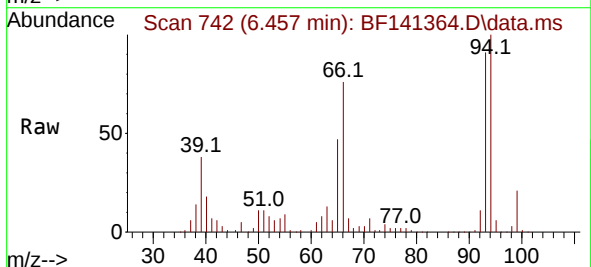
Tgt Ion:112 Resp: 54652
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.8
63 34.6 26.1 39.1

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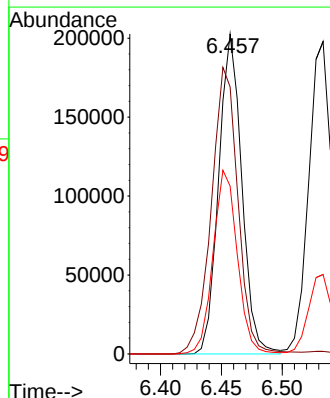
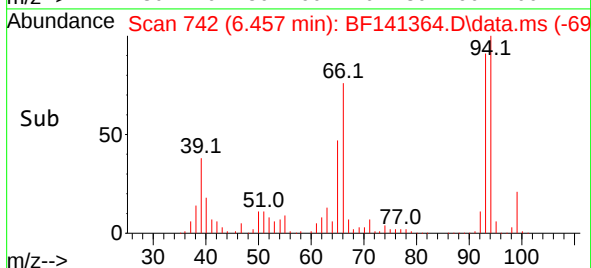
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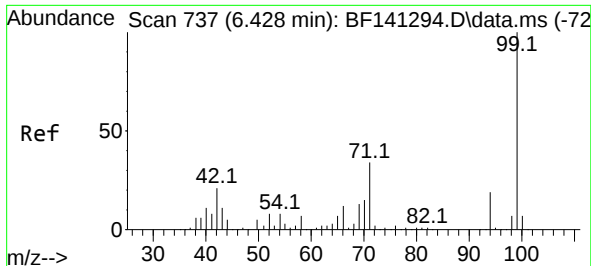


#6
Aniline
Concen: 41.338 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



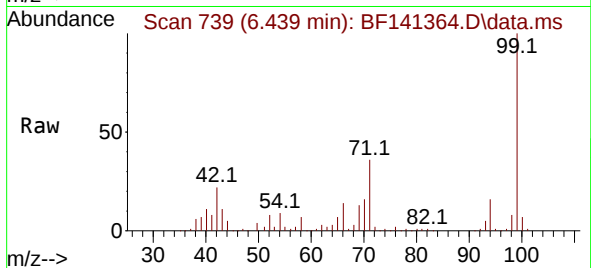
Tgt Ion: 93 Resp: 267476
Ion Ratio Lower Upper
93 100
66 83.5 32.5 48.7#
65 52.5 17.0 25.6#





#7
Phenol-d6
Concen: 86.546 ng
RT: 6.439 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

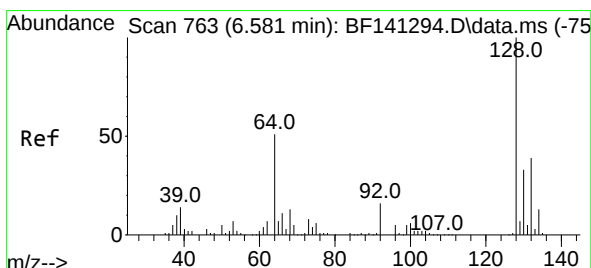
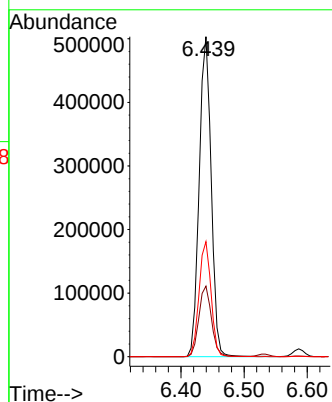
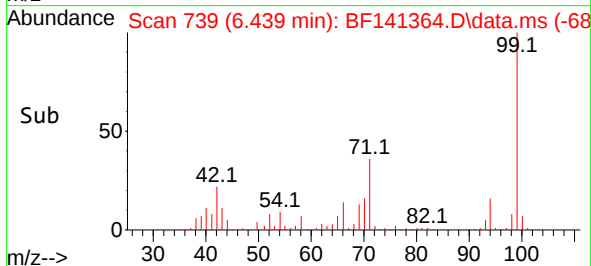
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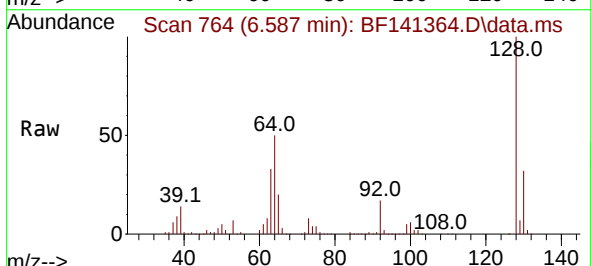
Tgt Ion: 99 Resp: 661544
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 35.9 26.9 40.3

Manual Integrations
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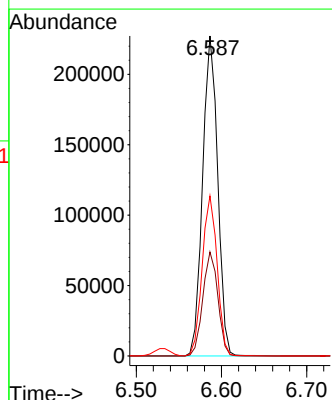
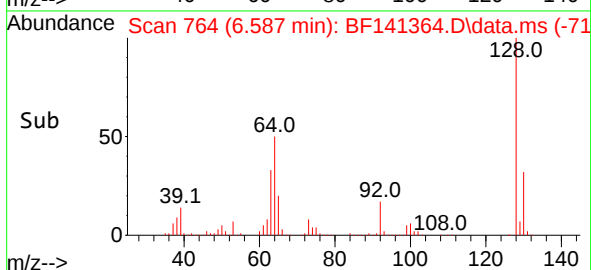
Reviewed By :Jagrut Upadhyay 02/04/2025
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#8
2-Chlorophenol
Concen: 43.347 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:128 Resp: 279168
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 50.0 32.9 72.9





#9

Benzaldehyde

Concen: 51.036 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion: 77 Resp: 22596

Ion Ratio Lower Upper

77 100

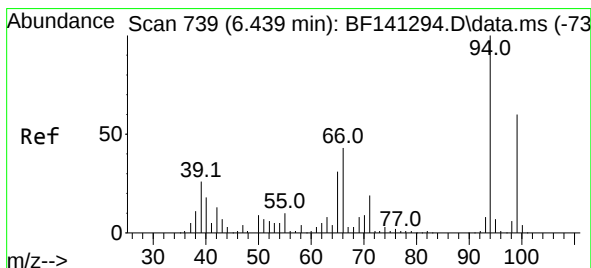
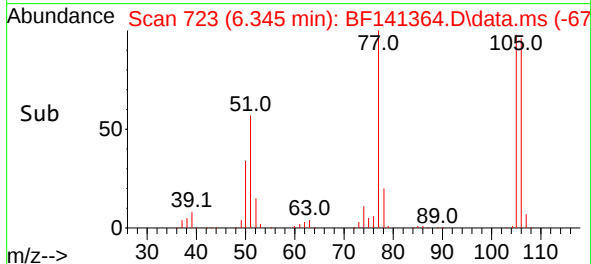
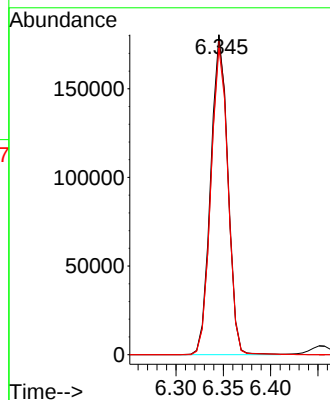
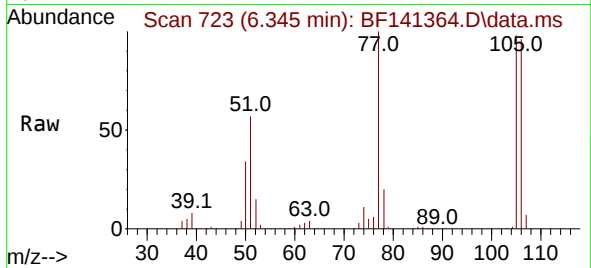
105 98.0 79.4 119.4

106 95.9 74.6 114.6

Manual Integrations

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#10

Phenol

Concen: 42.058 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

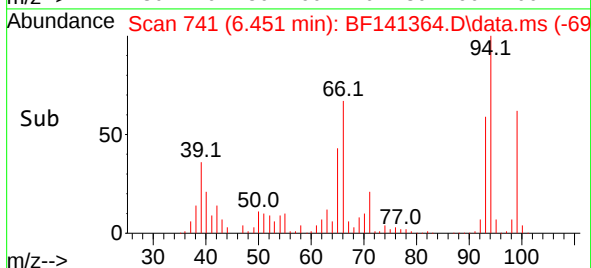
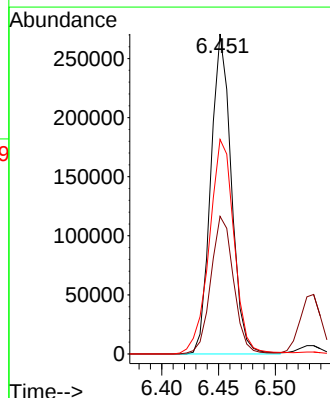
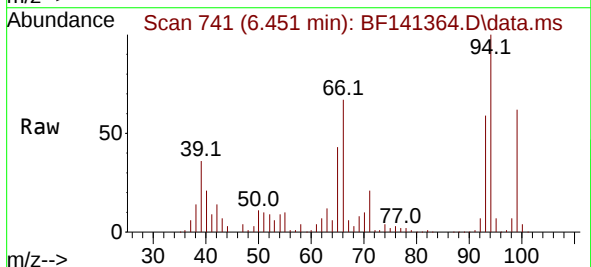
Tgt Ion: 94 Resp: 340789

Ion Ratio Lower Upper

94 100

65 43.0 10.8 50.8

66 67.0 23.3 63.3#





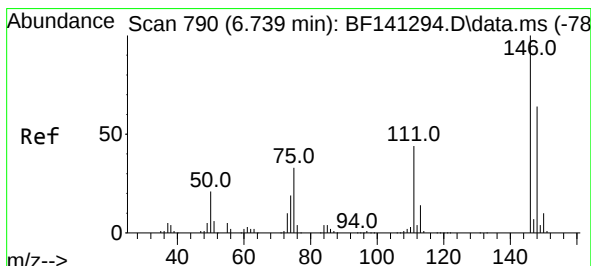
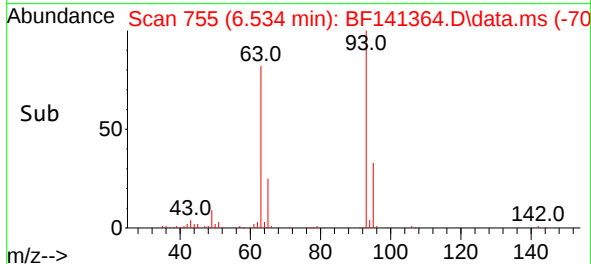
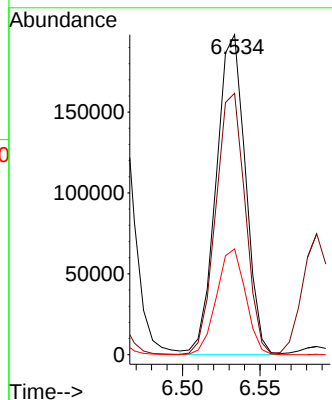
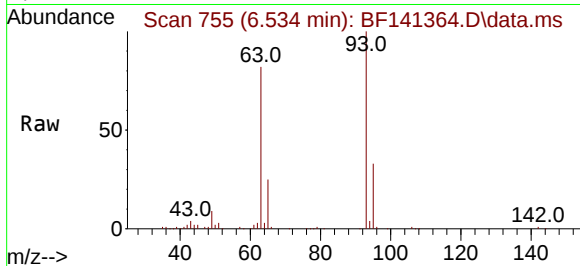
#11
bis(2-Chloroethyl)ether
Concen: 41.828 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 93 Resp: 259872
Ion Ratio Lower Upper
93 100
63 81.7 65.0 105.0
95 33.1 12.4 52.4

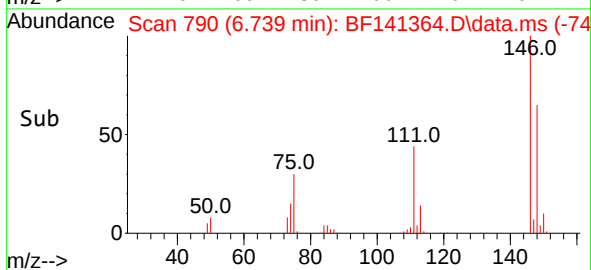
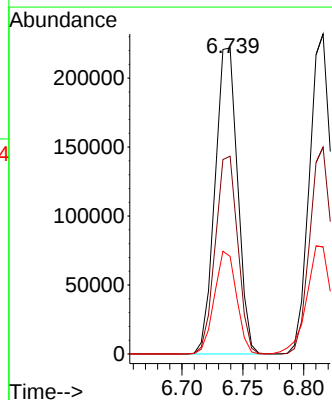
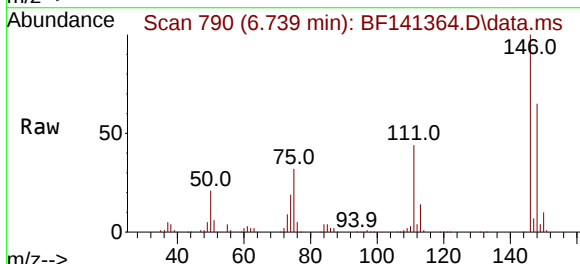
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 40.336 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Tgt Ion:146 Resp: 286427
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 31.9 26.2 39.4





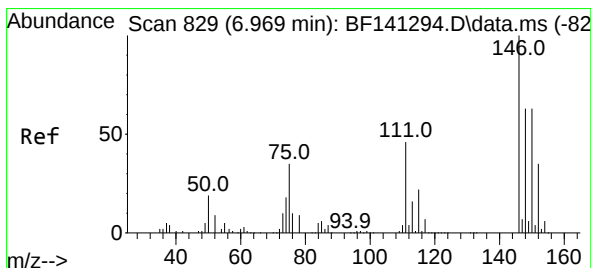
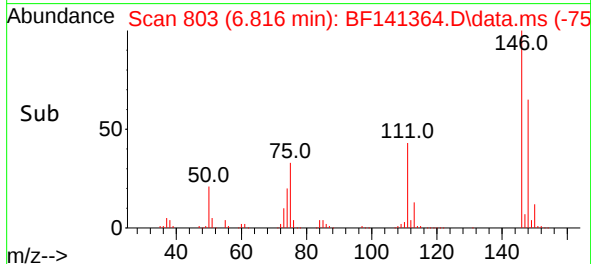
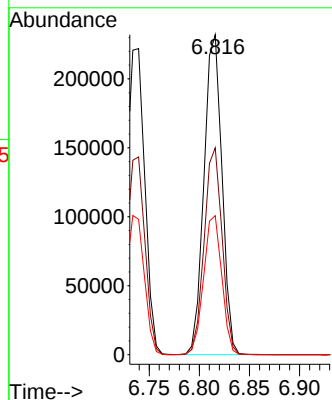
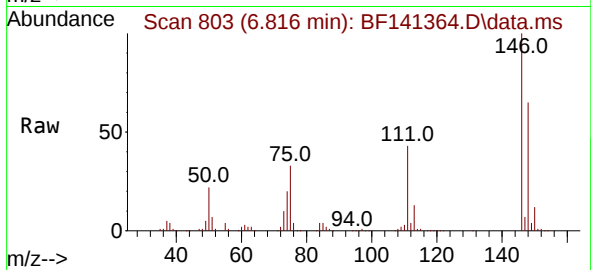
#13
1,4-Dichlorobenzene
Concen: 40.734 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:146 Resp: 290580
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 43.5 35.0 52.4

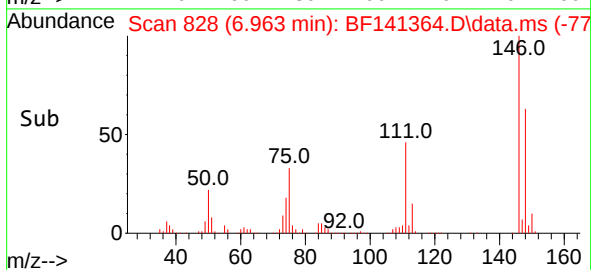
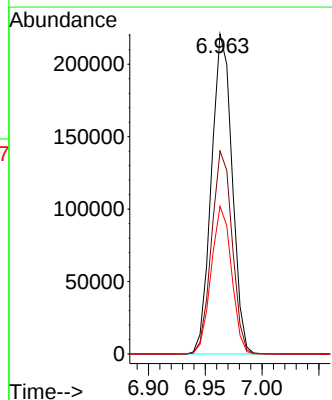
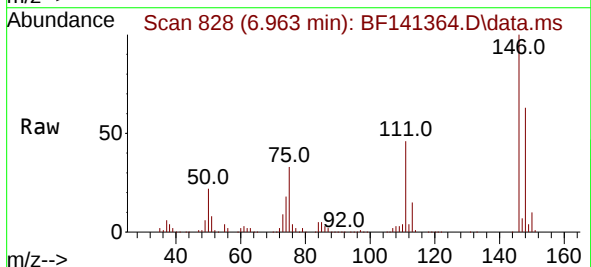
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 41.921 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

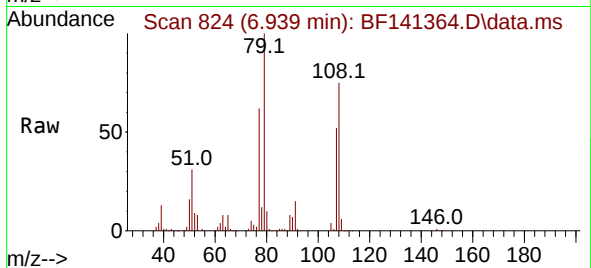
Tgt Ion:146 Resp: 280032
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 47.057 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

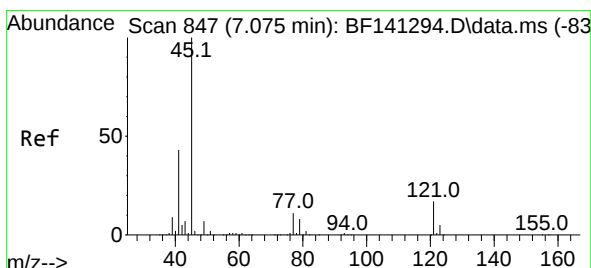
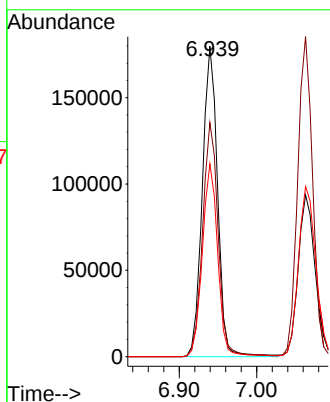
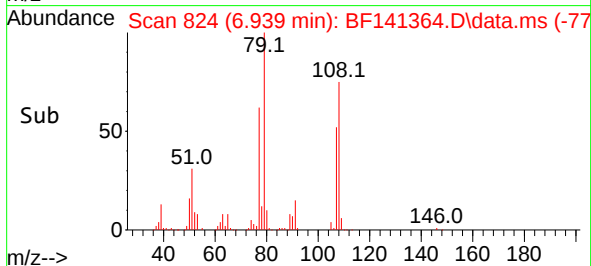
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



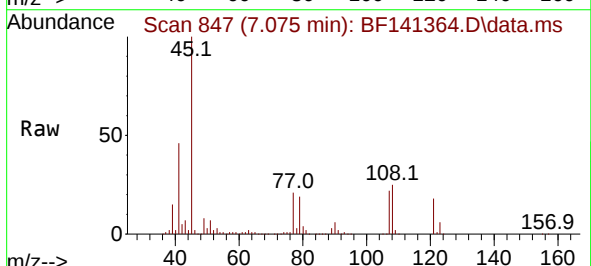
Tgt Ion: 79 Resp: 24581
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.1 49.9 74.9

Manual Integrations
APPROVED

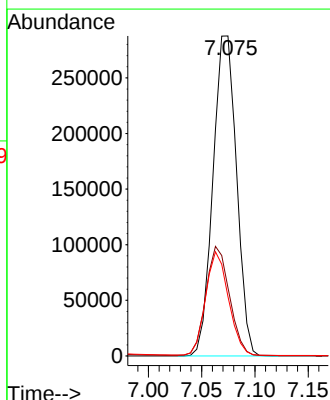
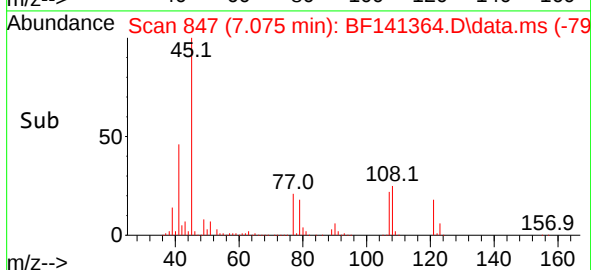
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

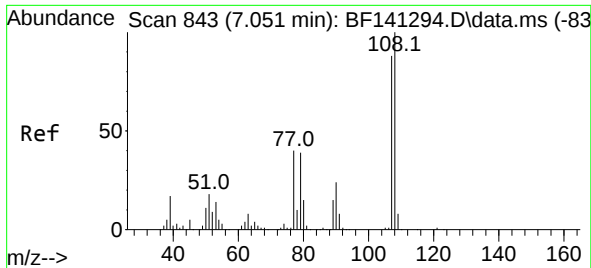


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.005 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



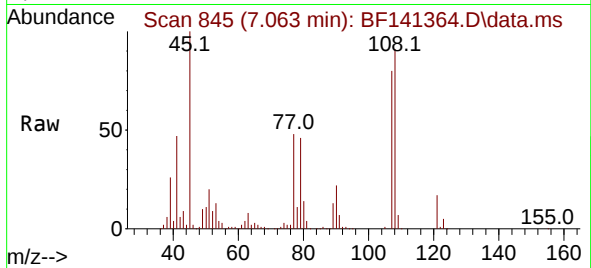
Tgt Ion: 45 Resp: 442997
Ion Ratio Lower Upper
45 100
77 21.3 0.0 31.8
79 18.6 0.0 29.1





#17
2-Methylphenol
Concen: 41.727 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

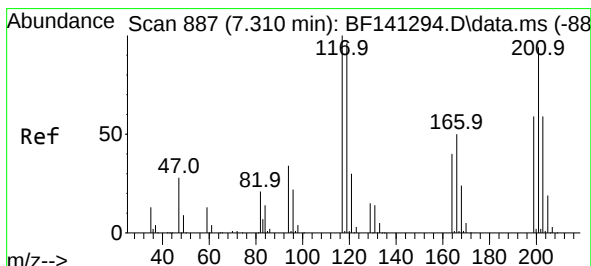
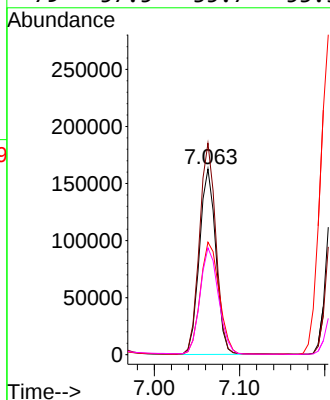
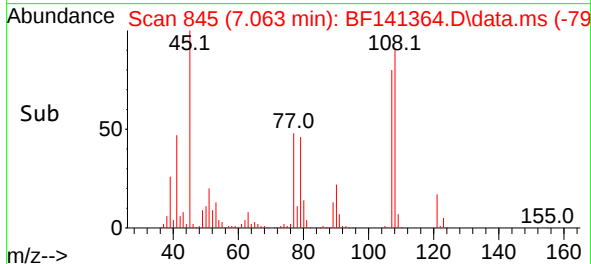
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:107 Resp: 218408
Ion Ratio Lower Upper
107 100
108 113.8 90.8 136.2
77 60.5 36.2 54.4
79 57.5 35.7 53.5#

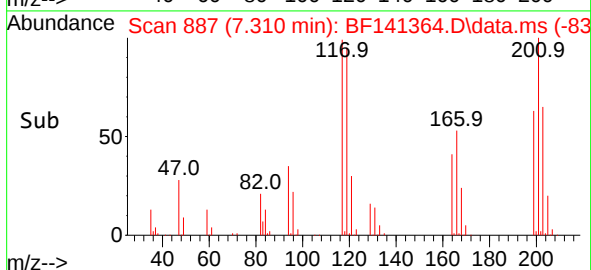
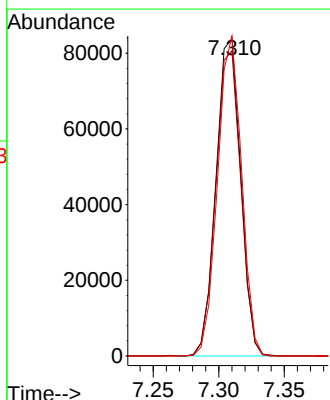
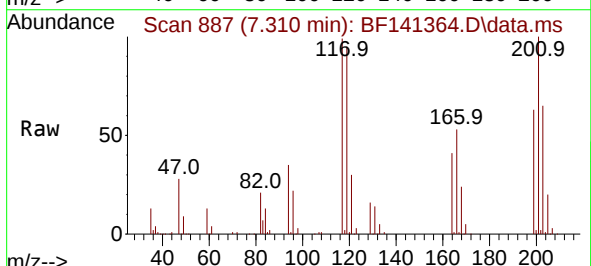
Manual Integrations
APPROVED

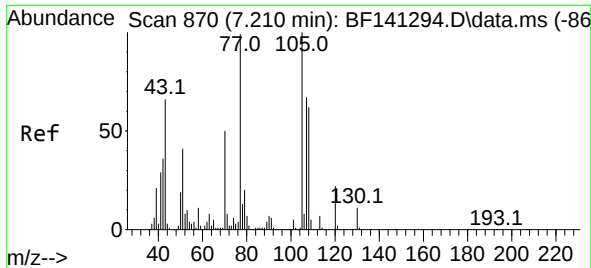
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 41.710 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

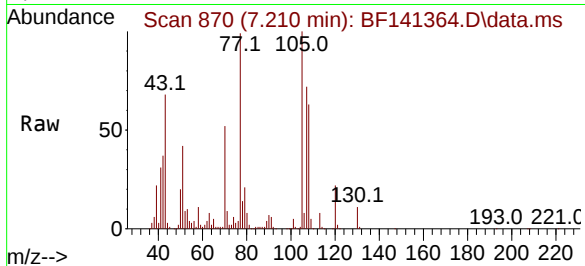
Tgt Ion:117 Resp: 109768
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
201 100.8 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.988 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

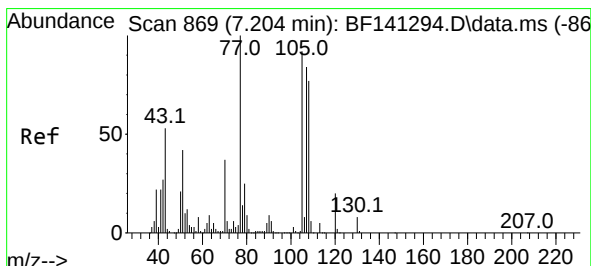
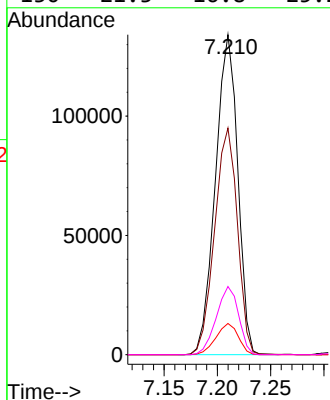
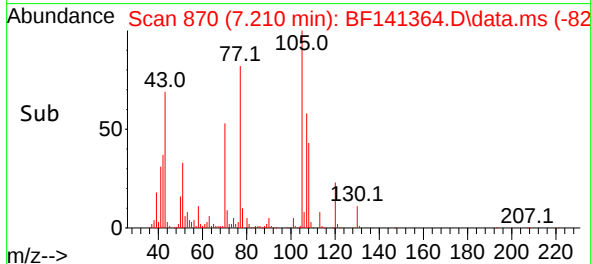
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



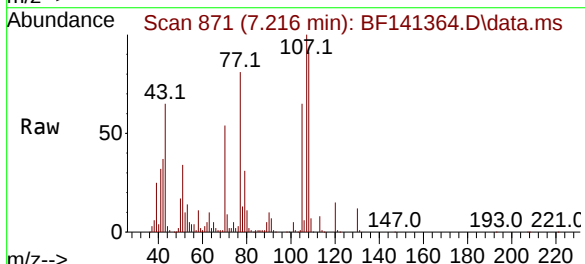
Tgt Ion: 70 Resp: 19525
Ion Ratio Lower Upper
70 100
42 70.8 56.8 85.2
101 9.8 7.7 11.5
130 21.3 16.8 25.2

Manual Integrations
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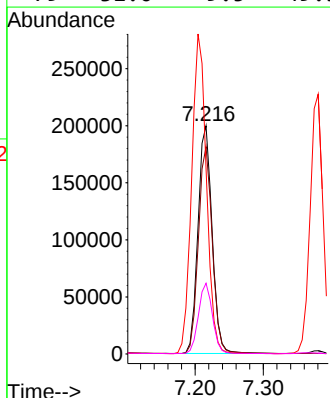
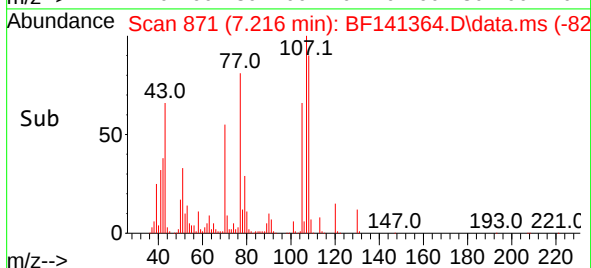
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

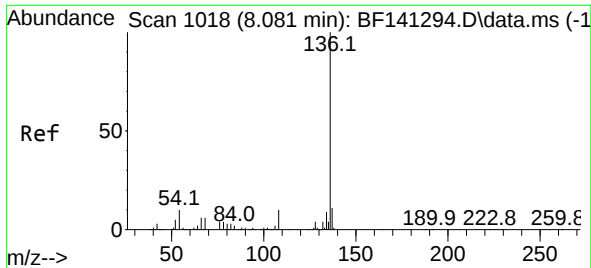


#20
3+4-Methylphenols
Concen: 44.652 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



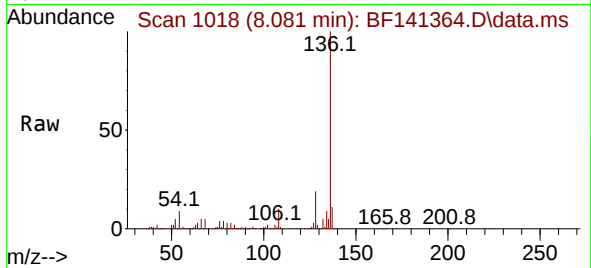
Tgt Ion:107 Resp: 286970
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 81.3 98.5 138.5#
79 31.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

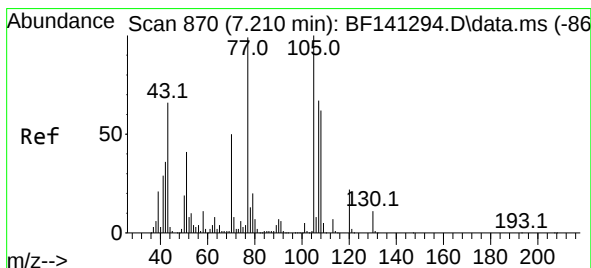
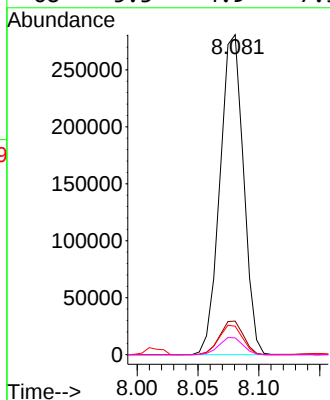
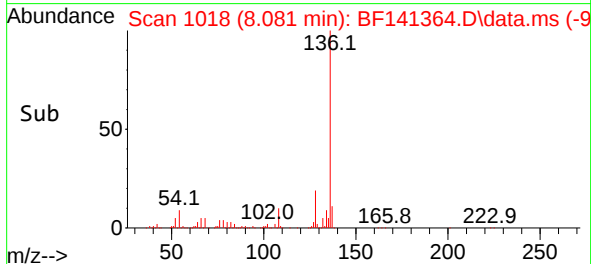
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



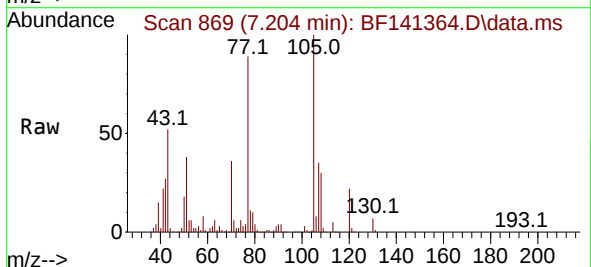
Tgt Ion:	136	Resp:	377694
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.9	7.8	11.8
68	5.3	4.9	7.3

Manual Integrations
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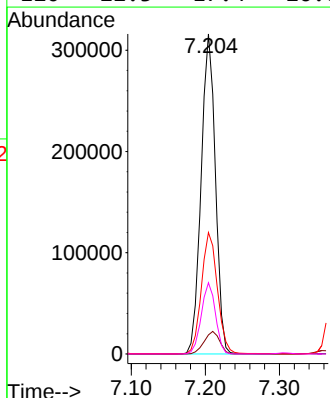
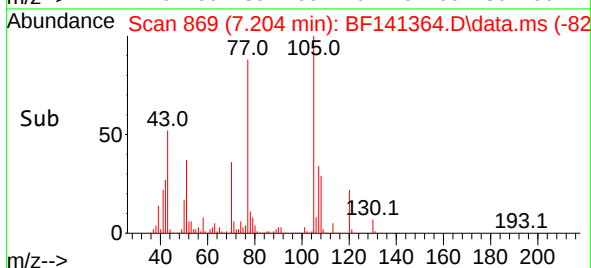
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 47.341 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:	105	Resp:	425016
Ion Ratio	Lower	Upper	
105	100		
71	6.0	6.8	10.2#
51	38.0	32.6	49.0
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 89.707 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

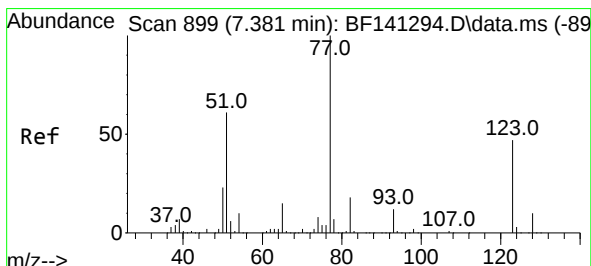
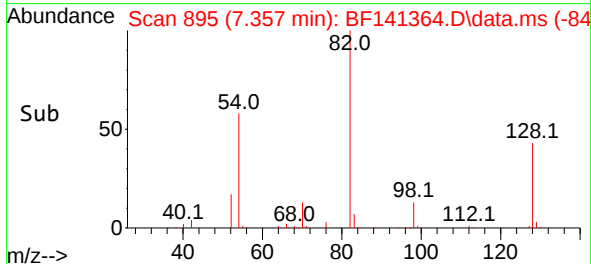
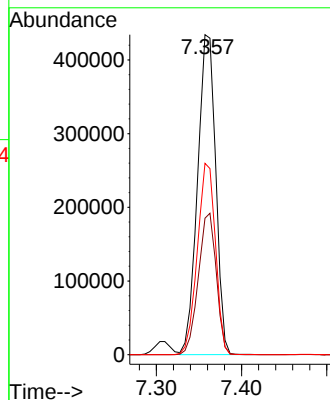
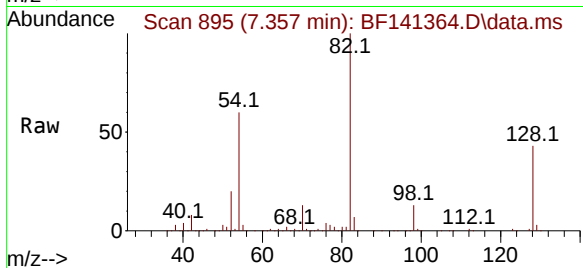
PB166468BSD

Tgt Ion: 82 Resp: 642710
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.7 53.5
 54 59.8 47.1 70.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 39.732 ng

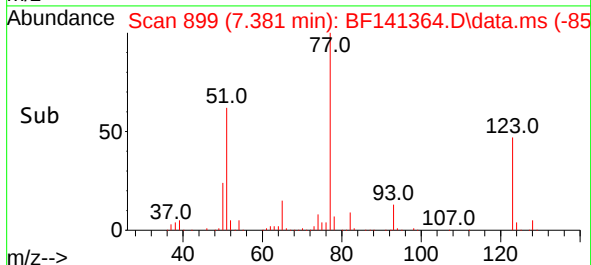
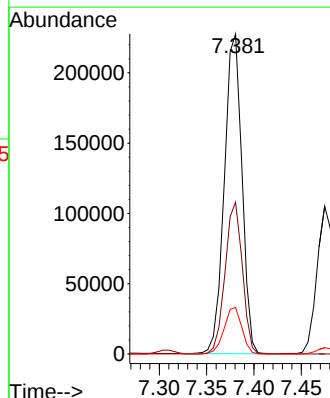
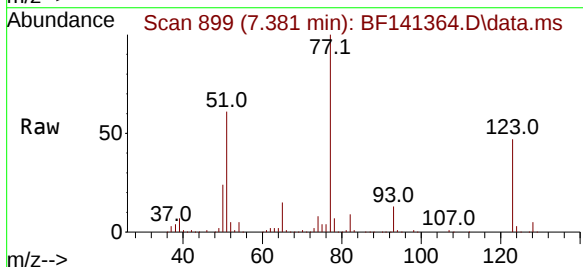
RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

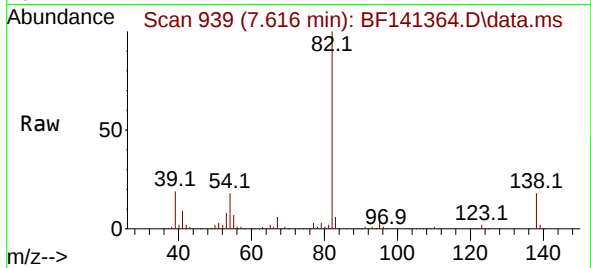
Tgt Ion: 77 Resp: 294998
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.3 55.9
 65 14.5 11.8 17.6





#25
Isophorone
Concen: 42.543 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

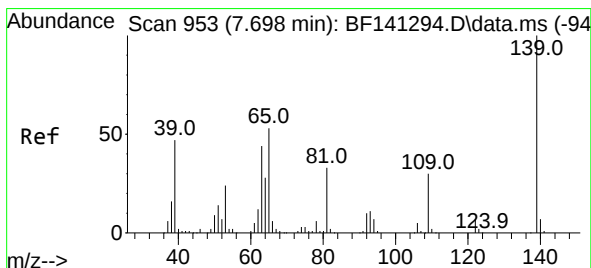
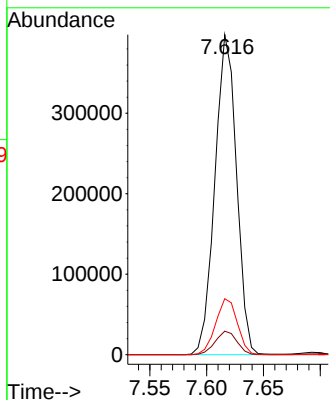
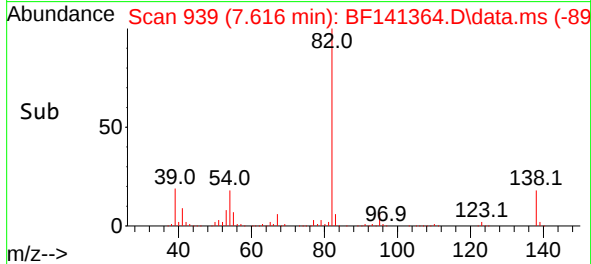
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



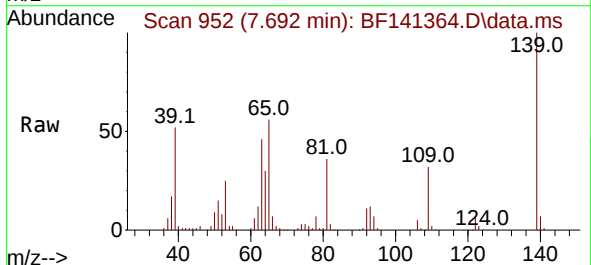
Tgt Ion: 82 Resp: 52688
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.5 14.7 22.1

Manual Integrations
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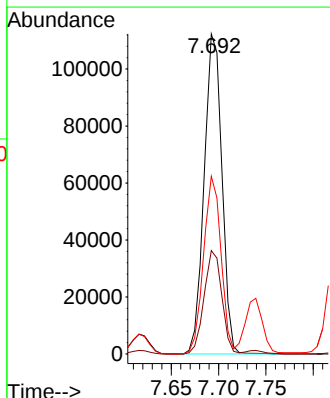
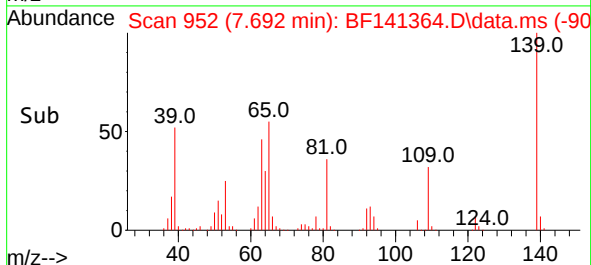
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 41.840 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:139 Resp: 146508
Ion Ratio Lower Upper
139 100
109 32.3 23.8 35.6
65 55.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 52.842 ng m

RT: 7.739 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141364.D

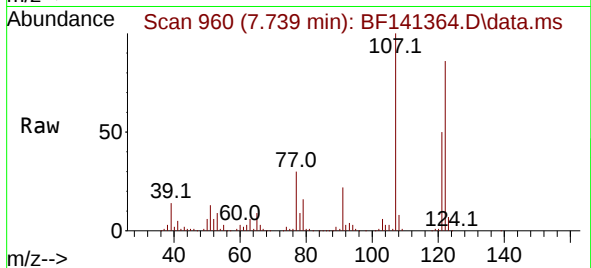
Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD



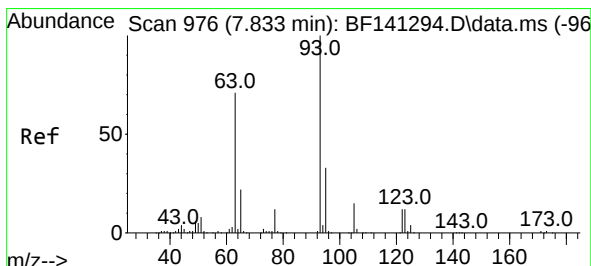
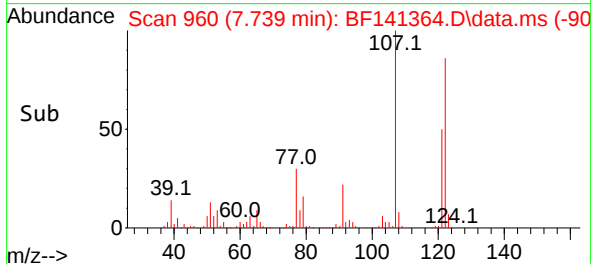
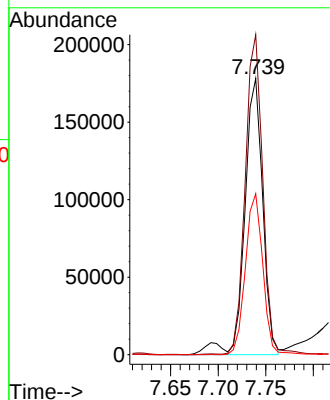
Tgt Ion:122 Resp: 23551

Ion	Ratio	Lower	Upper
122	100		
107	115.8	89.9	134.9
121	58.3	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.022 ng

RT: 7.828 min Scan# 975

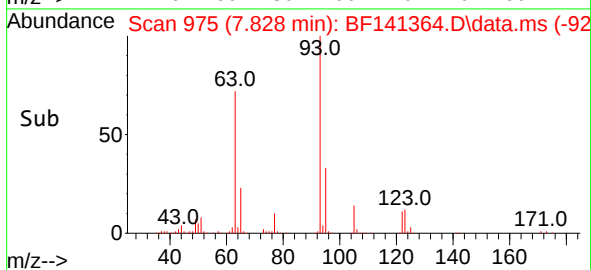
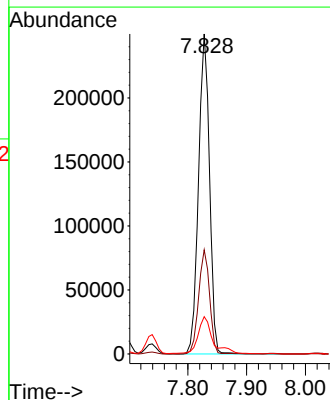
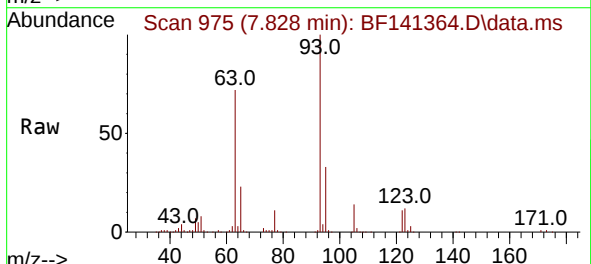
Delta R.T. -0.012 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Tgt Ion: 93 Resp: 324070

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.7	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 42.020 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

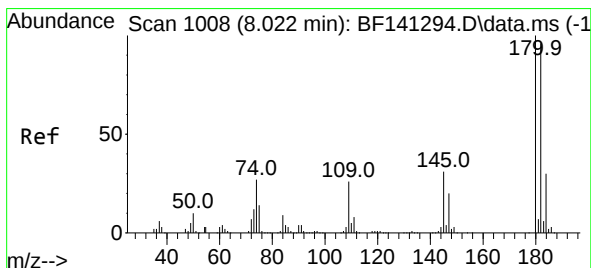
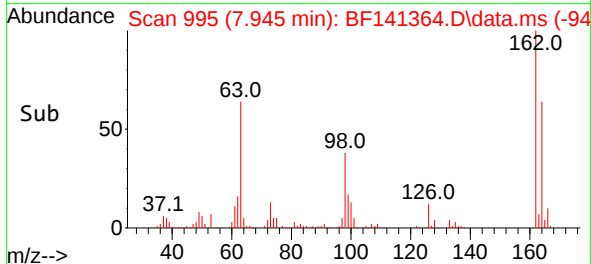
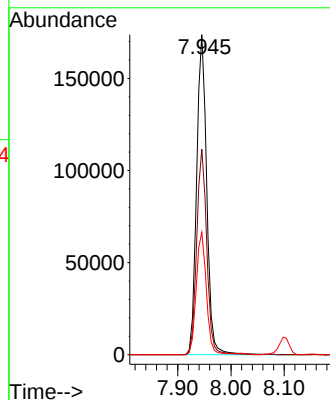
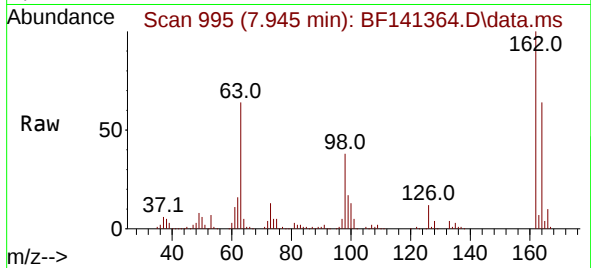
PB166468BSD

Tgt Ion:162 Resp: 229279
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.2 84.2
 98 38.3 18.2 58.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.298 ng

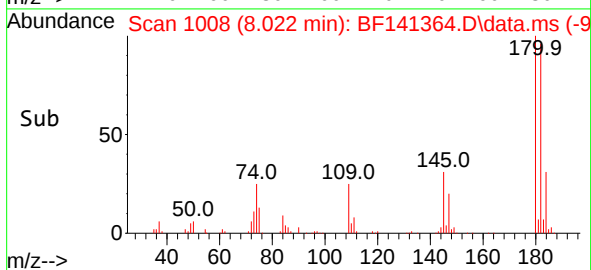
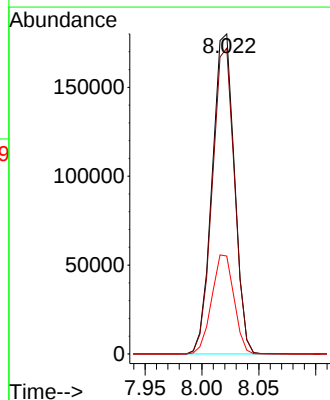
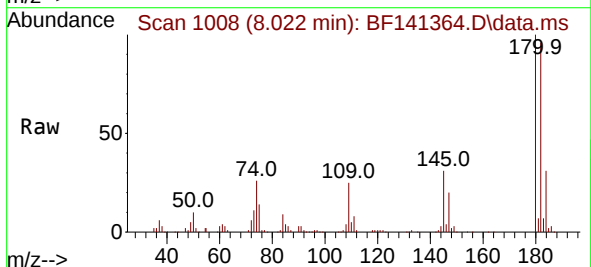
RT: 8.022 min Scan# 1008

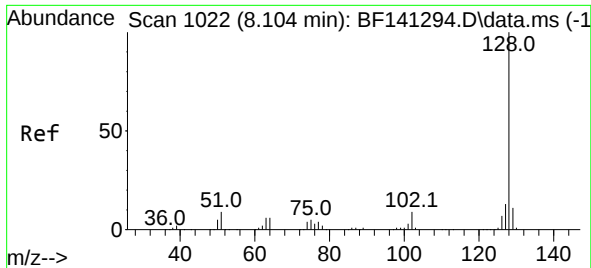
Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Tgt Ion:180 Resp: 244875
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 30.6 24.9 37.3





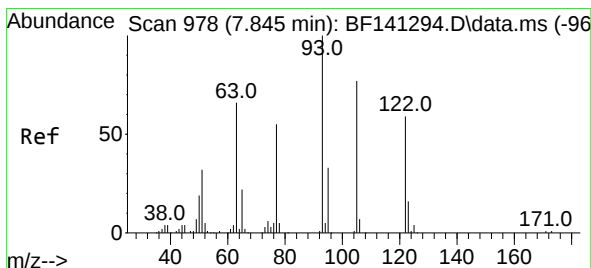
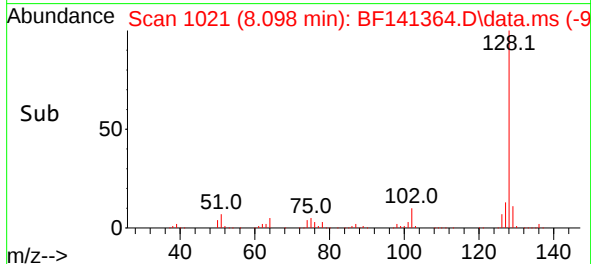
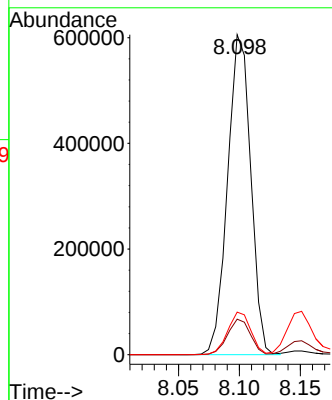
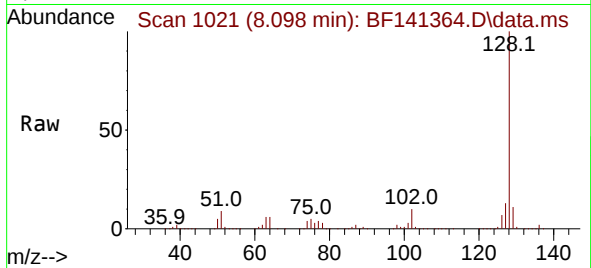
#31
Naphthalene
Concen: 40.141 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:128 Resp: 800918
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8

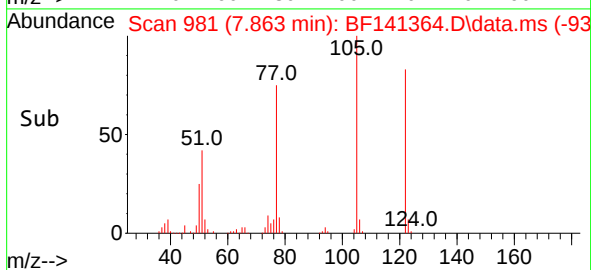
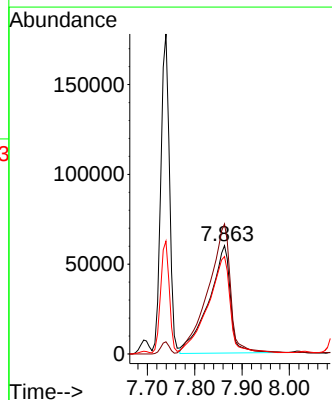
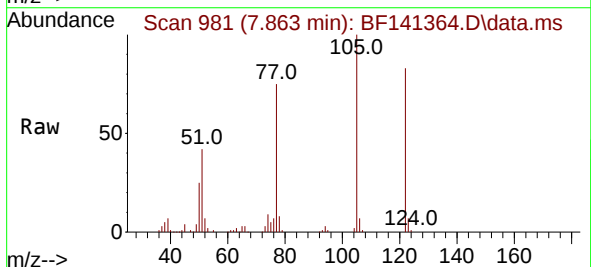
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 46.637 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Tgt Ion:122 Resp: 191082
Ion Ratio Lower Upper
122 100
105 120.1 103.4 143.4
77 90.0 70.9 110.9





#33
4-Chloroaniline
Concen: 19.476 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

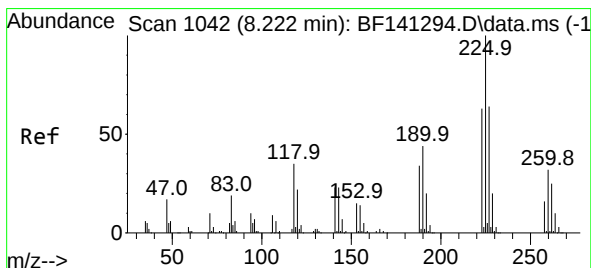
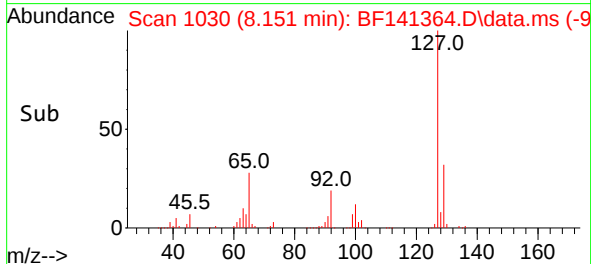
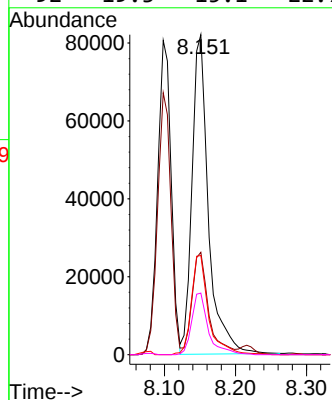
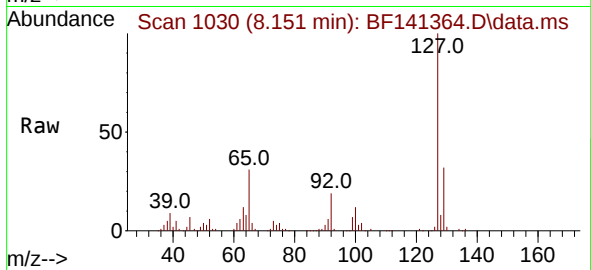
PB166468BSD

Tgt Ion:127 Resp: 131775
Ion Ratio Lower Upper
127 100
129 32.0 25.7 38.5
65 31.0 26.4 39.6
92 19.3 15.1 22.7

Manual Integrations

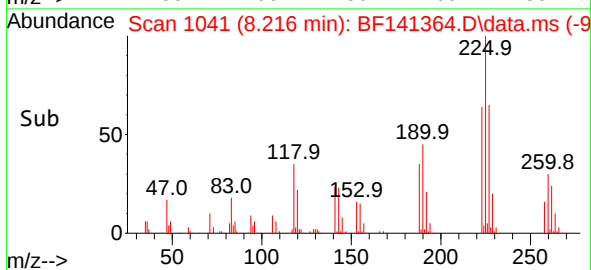
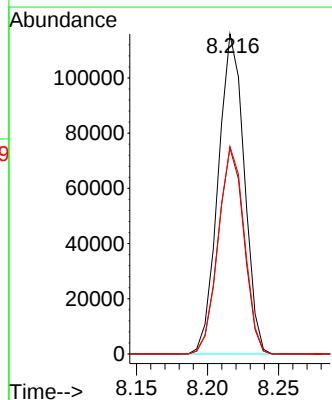
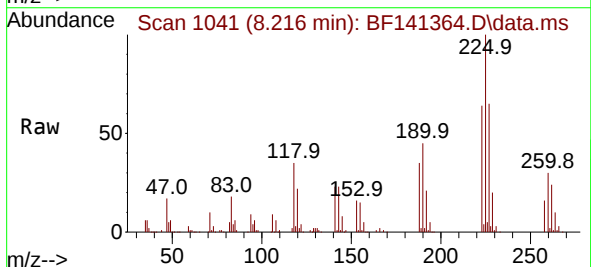
APPROVED

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Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 40.479 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

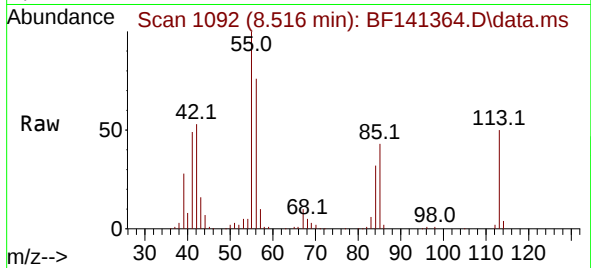
Tgt Ion:225 Resp: 147922
Ion Ratio Lower Upper
225 100
223 64.4 50.4 75.6
227 64.8 51.3 76.9





#35
Caprolactam
Concen: 45.041 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.030 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

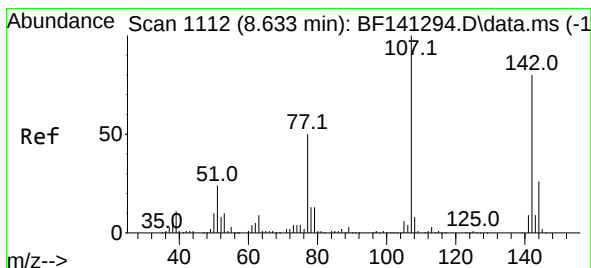
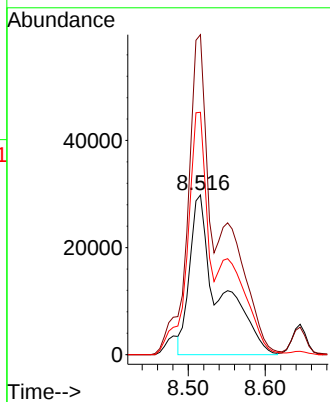
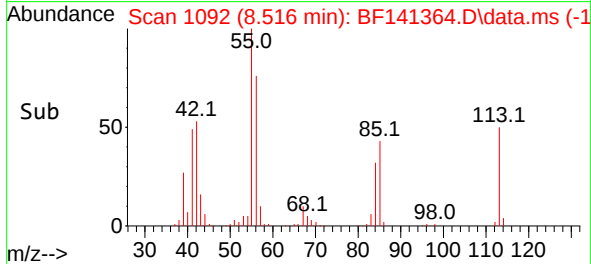
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:113 Resp: 8026
Ion Ratio Lower Upper
113 100
55 200.4 182.9 222.9
56 151.8 127.9 167.9

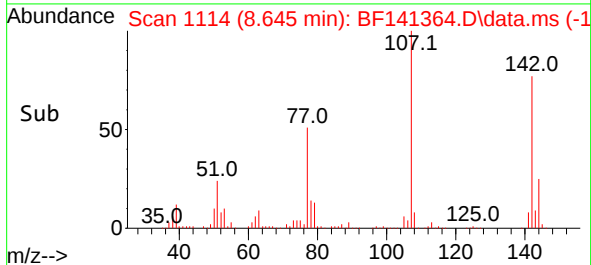
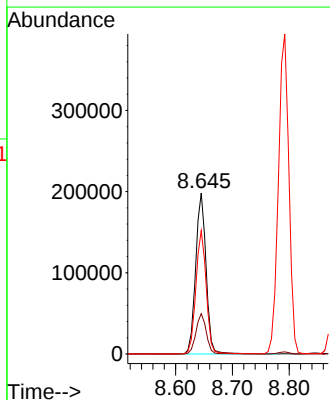
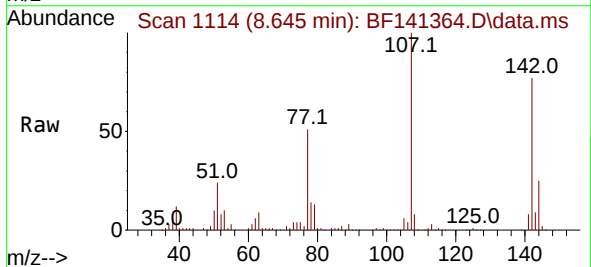
Manual Integrations
APPROVED

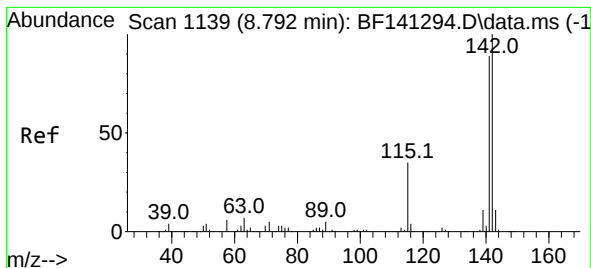
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 43.393 ng
RT: 8.645 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

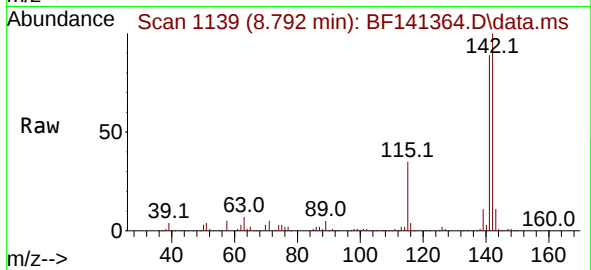
Tgt Ion:107 Resp: 253967
Ion Ratio Lower Upper
107 100
144 25.1 20.7 31.1
142 76.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.058 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

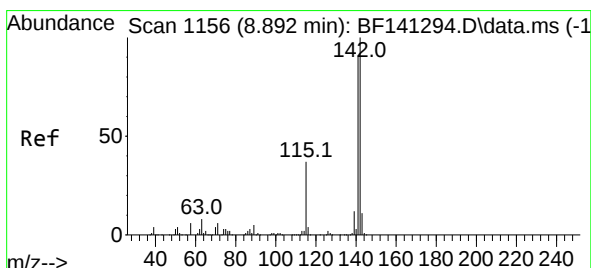
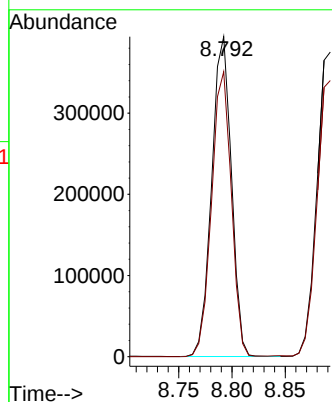
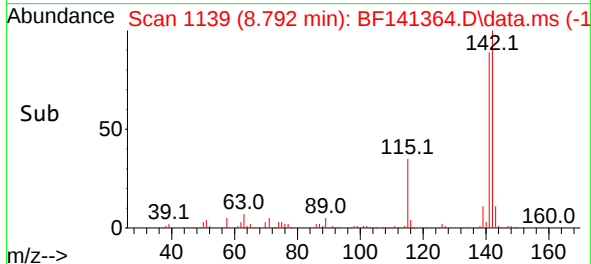
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:142 Resp: 507998
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9

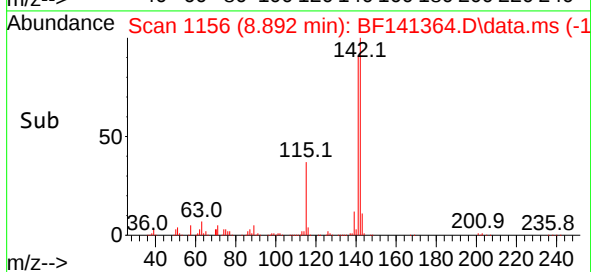
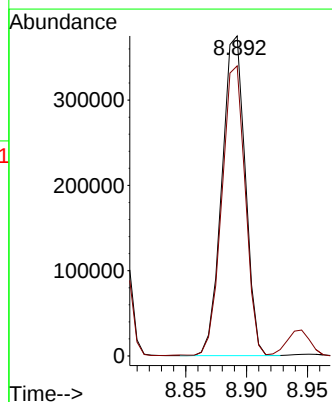
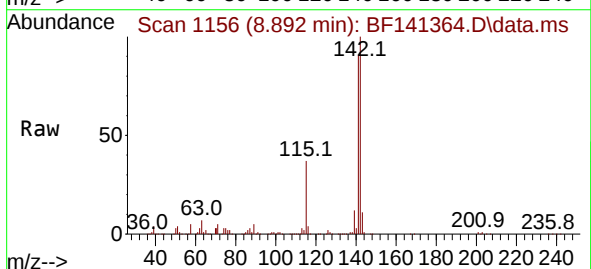
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 40.177 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

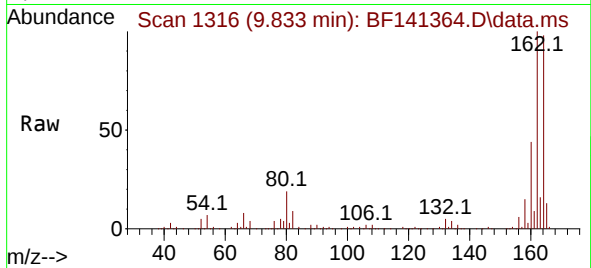
Tgt Ion:142 Resp: 500486
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

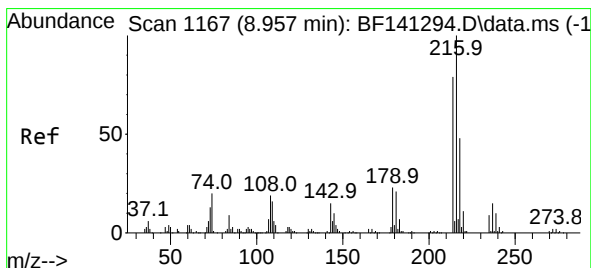
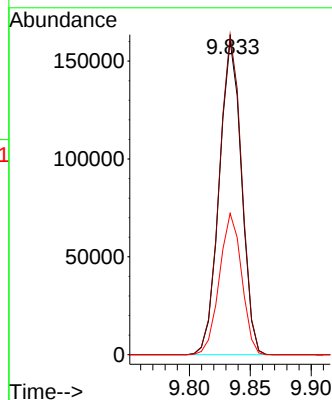
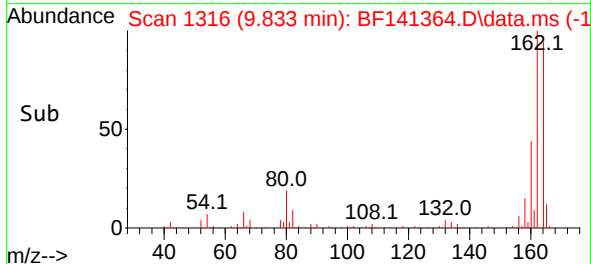
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



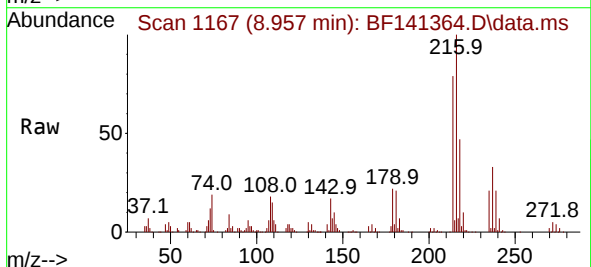
Tgt Ion:164 Resp: 203609
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 45.0 35.8 53.6

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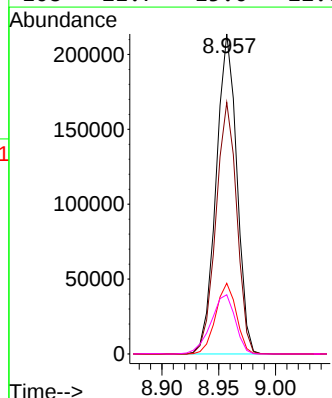
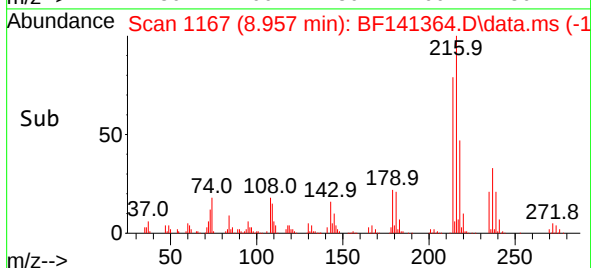
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

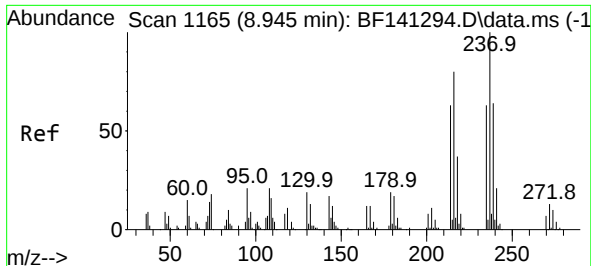


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.866 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



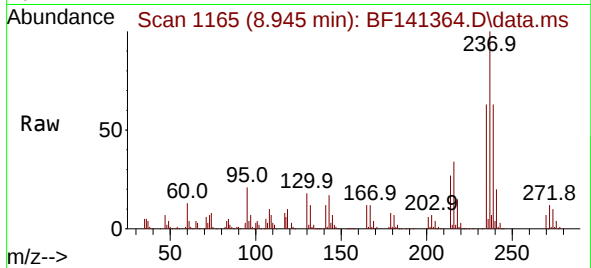
Tgt Ion:216 Resp: 271467
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 22.0 17.8 26.8
108 21.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 187.555 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

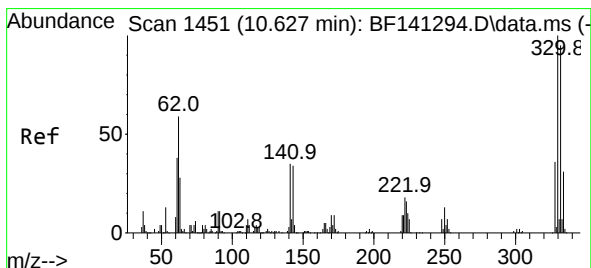
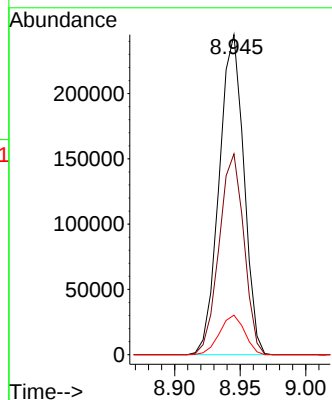
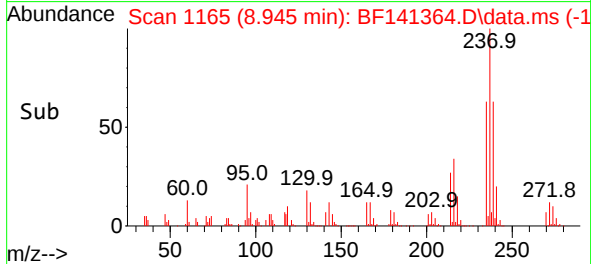
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



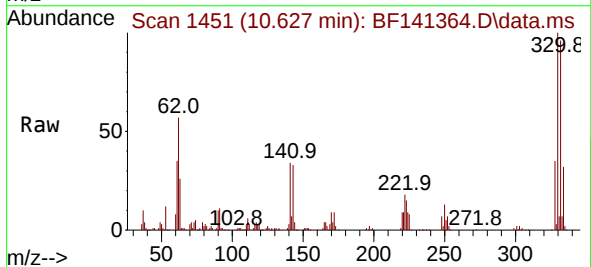
Tgt Ion:237 Resp: 320840
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.4 0.0 32.8

Manual Integrations
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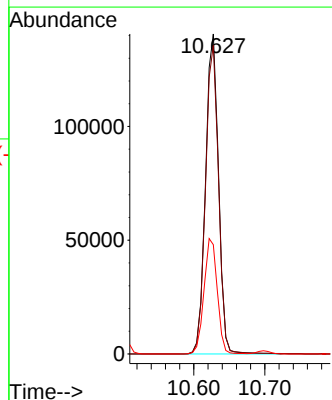
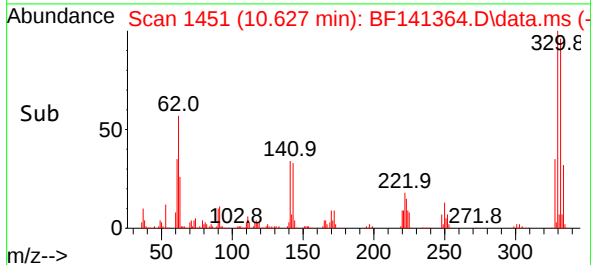
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

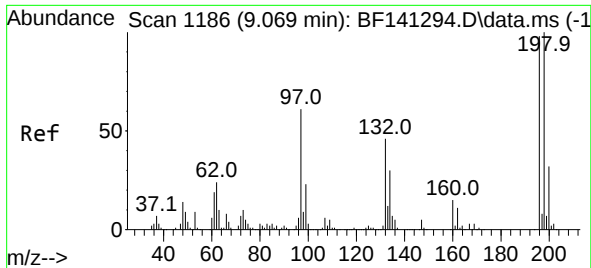


#42
2,4,6-Tribromophenol
Concen: 96.121 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



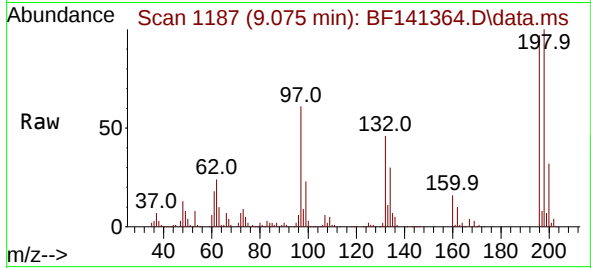
Tgt Ion:330 Resp: 179421
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 36.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 43.283 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

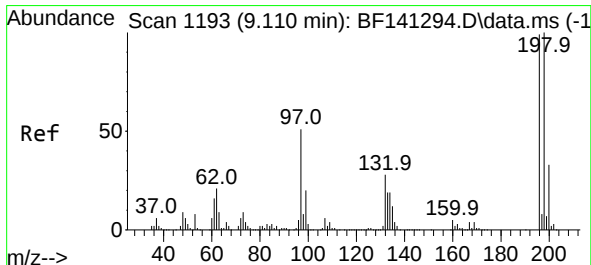
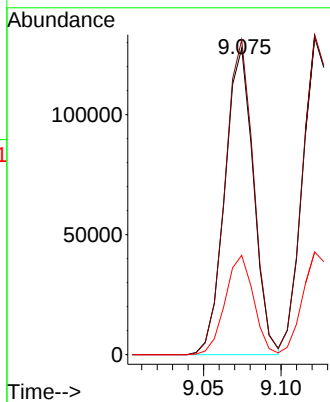
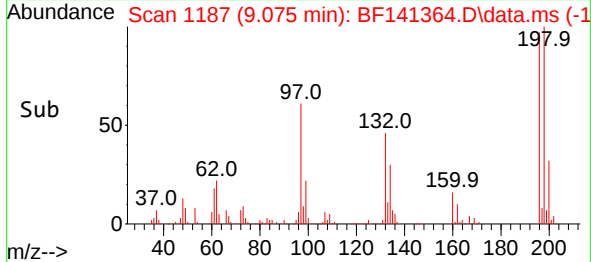
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



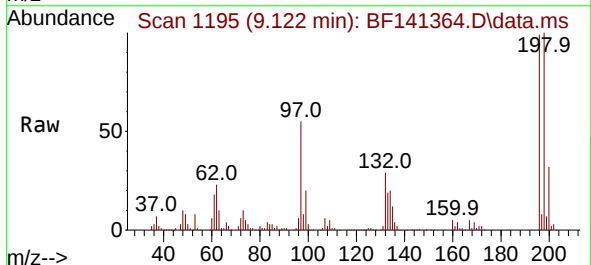
Tgt Ion:196 Resp: 164100
Ion Ratio Lower Upper
196 100
198 102.8 81.8 122.6
200 32.4 26.3 39.5

Manual Integrations
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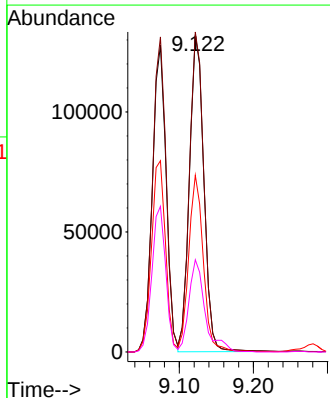
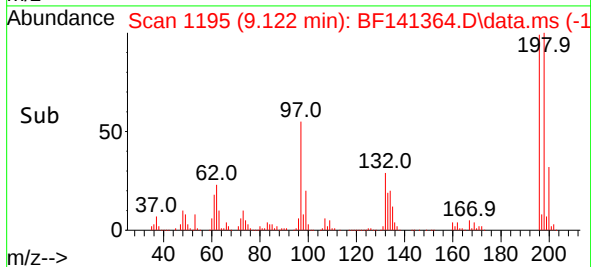
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

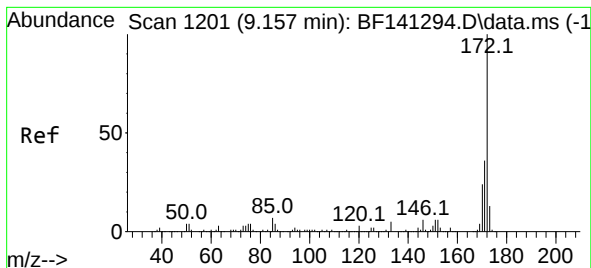


#44
2,4,5-Trichlorophenol
Concen: 43.293 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:196 Resp: 178649
Ion Ratio Lower Upper
196 100
198 100.9 80.5 120.7
97 55.7 42.8 64.2
132 29.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 89.758 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:172 Resp: 118734

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

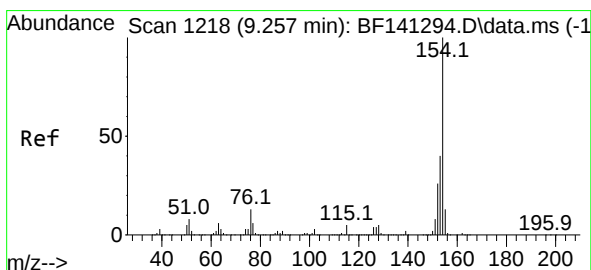
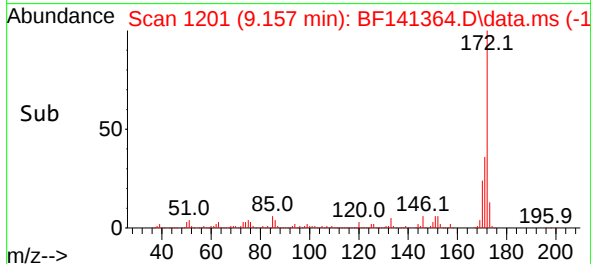
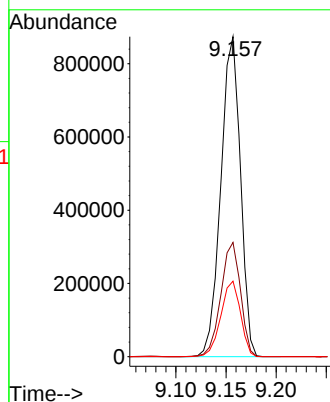
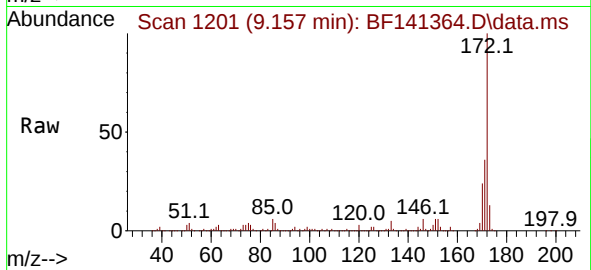
170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 46.289 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

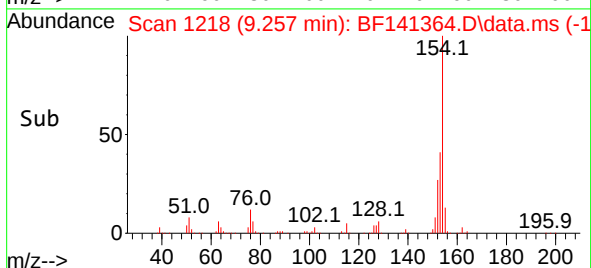
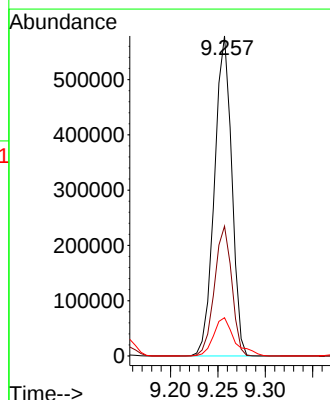
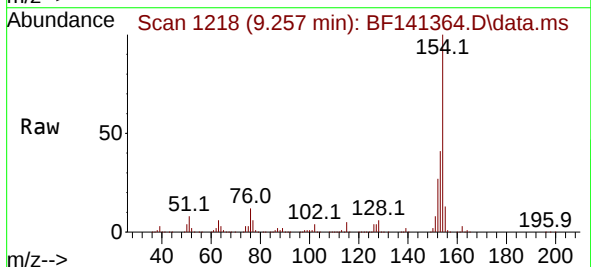
Tgt Ion:154 Resp: 735017

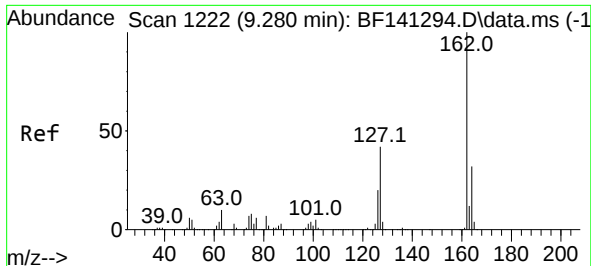
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.549 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

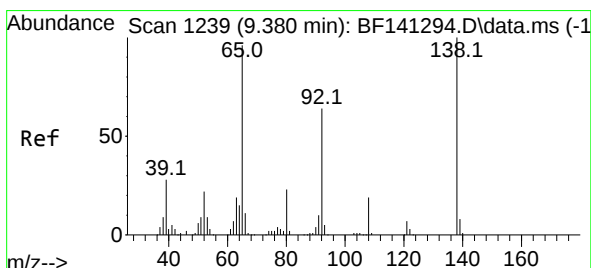
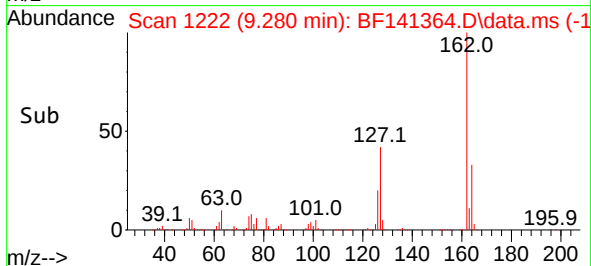
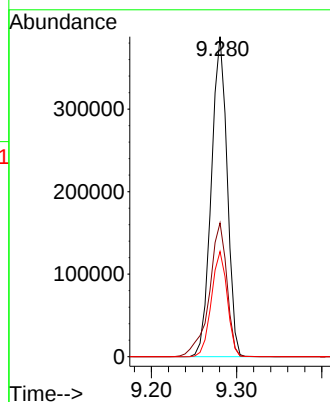
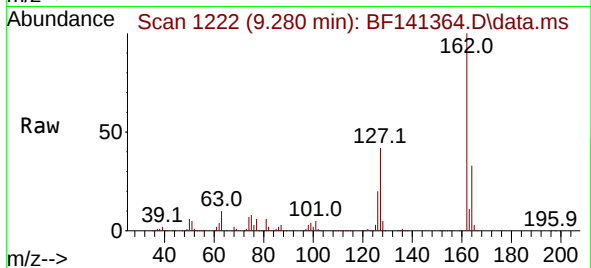
PB166468BSD

Tgt Ion:162 Resp: 50187
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.7 50.5
 164 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#48

2-Nitroaniline

Concen: 43.669 ng

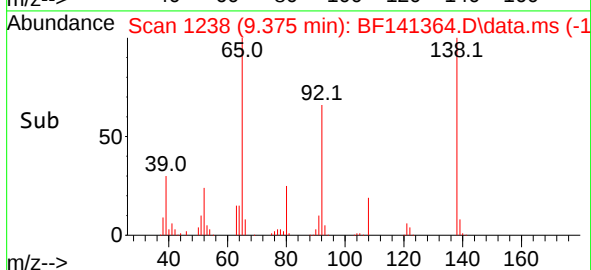
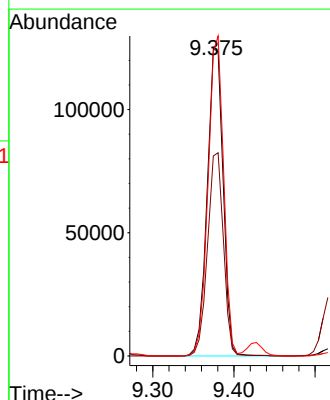
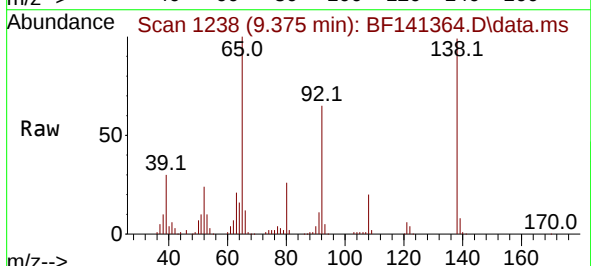
RT: 9.375 min Scan# 1238

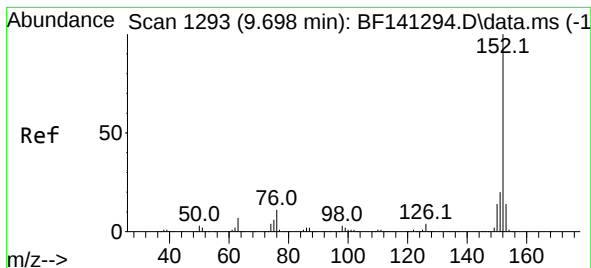
Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Tgt Ion: 65 Resp: 170006
 Ion Ratio Lower Upper
 65 100
 92 65.1 53.3 79.9
 138 98.9 83.6 125.4





#49

Acenaphthylene

Concen: 45.497 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141364.D

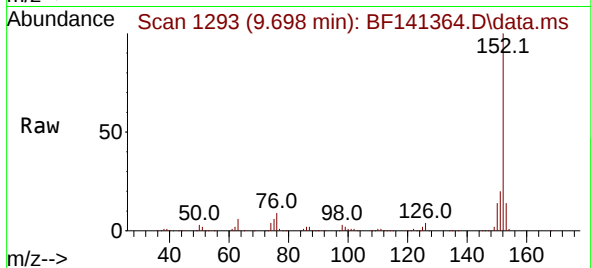
Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD



Tgt Ion:152 Resp: 788250

Ion Ratio Lower Upper

152 100

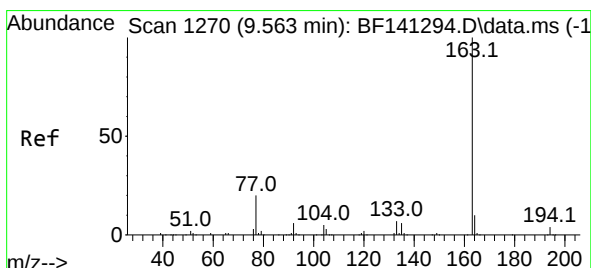
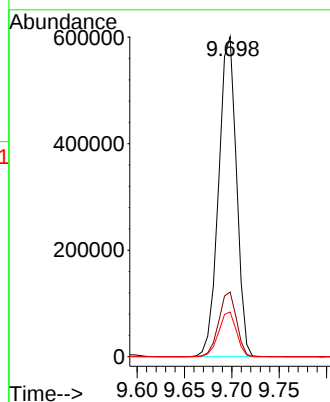
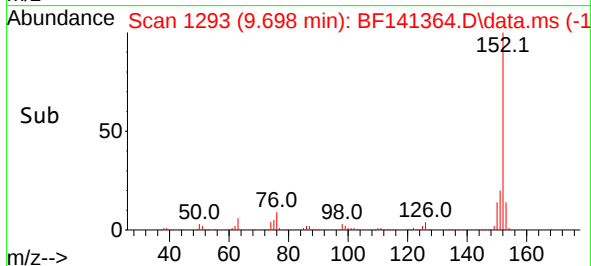
151 20.2 16.2 24.2

153 14.0 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 42.871 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

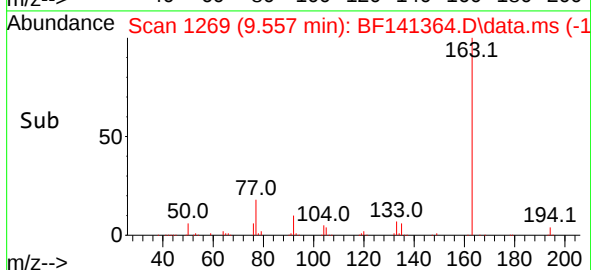
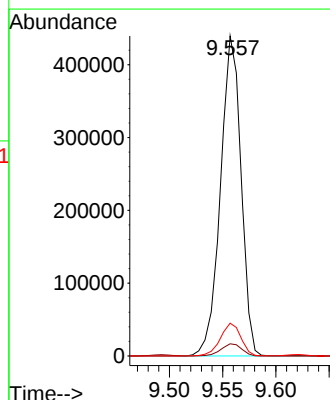
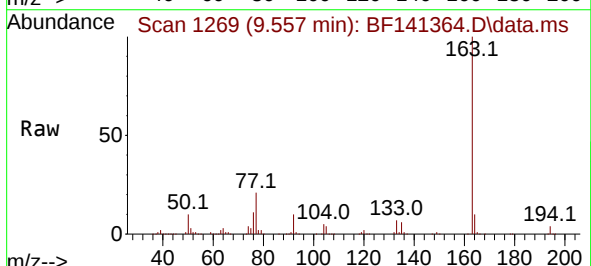
Tgt Ion:163 Resp: 589543

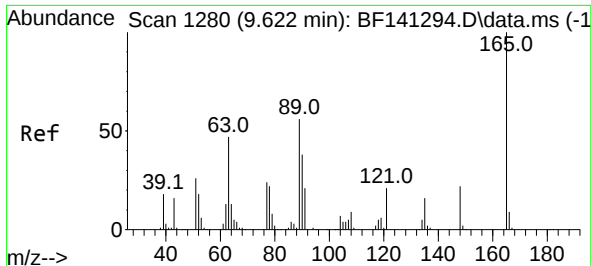
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

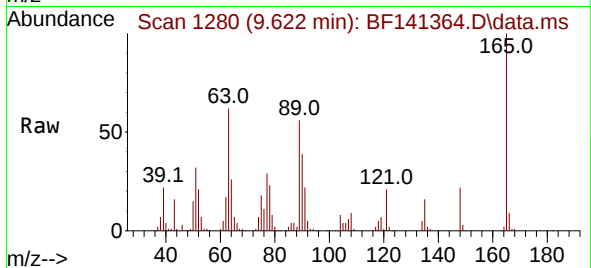
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 40.807 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

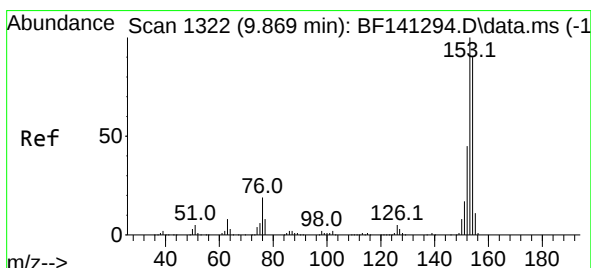
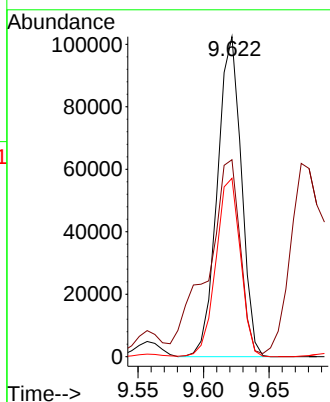
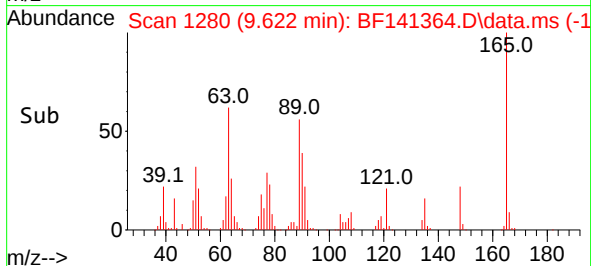
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:165 Resp: 130295
Ion Ratio Lower Upper
165 100
63 61.6 48.1 72.1
89 55.7 44.9 67.3

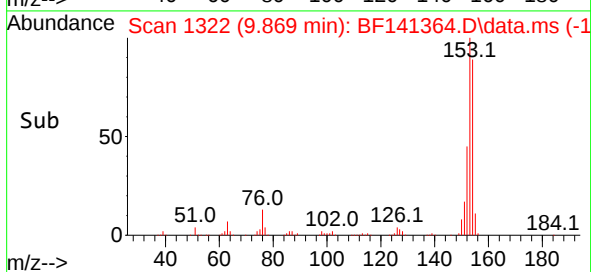
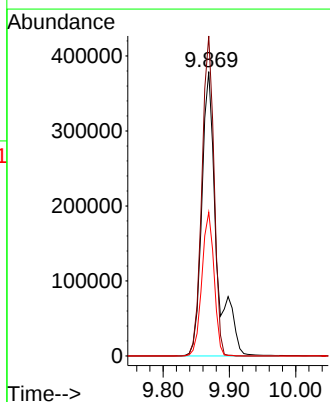
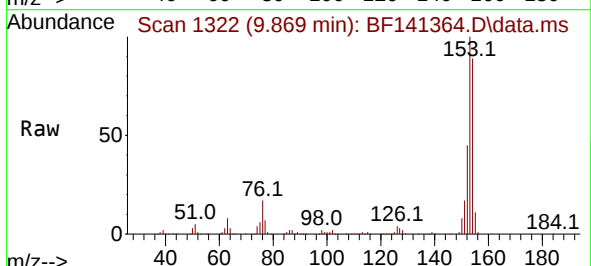
Manual Integrations
APPROVED

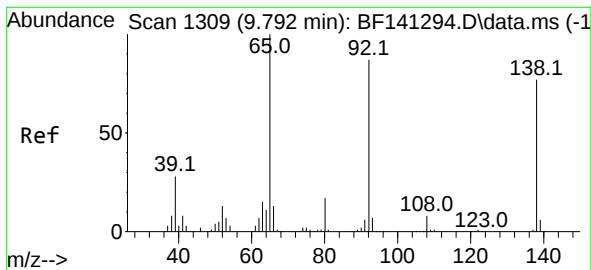
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#52
Acenaphthene
Concen: 47.559 ng m
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

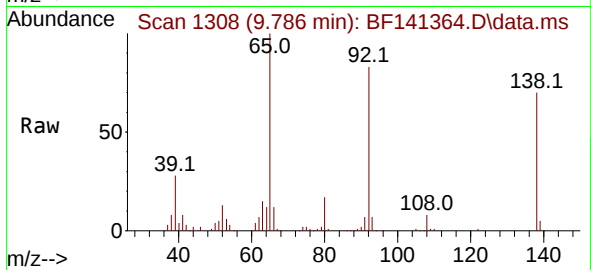
Tgt Ion:154 Resp: 588646
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 50.6 40.2 60.4





#53
3-Nitroaniline
Concen: 23.797 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

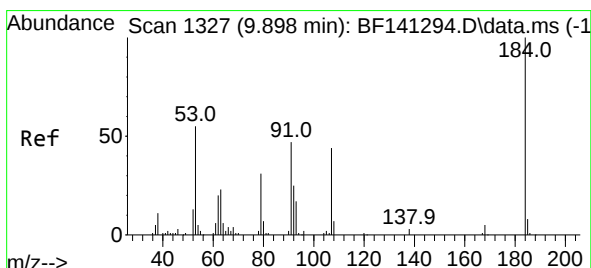
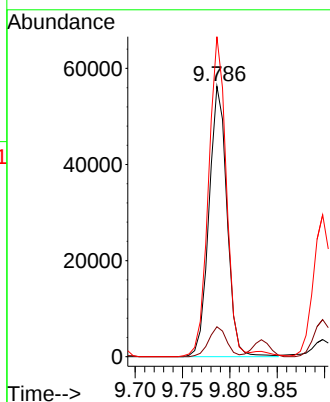
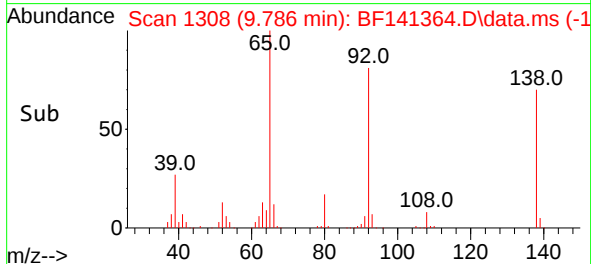
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:138 Resp: 7447
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 118.3 91.0 136.6

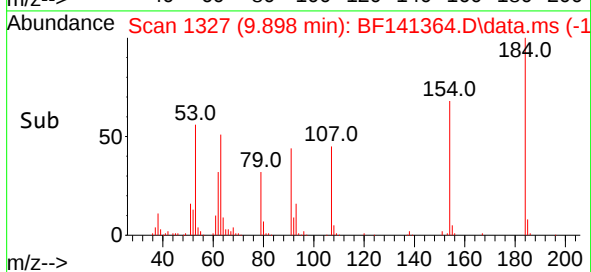
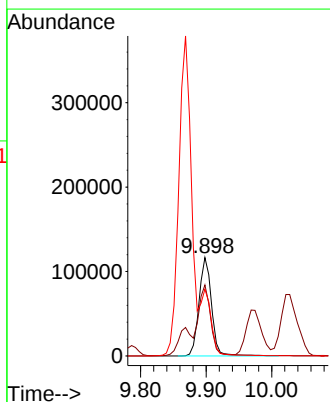
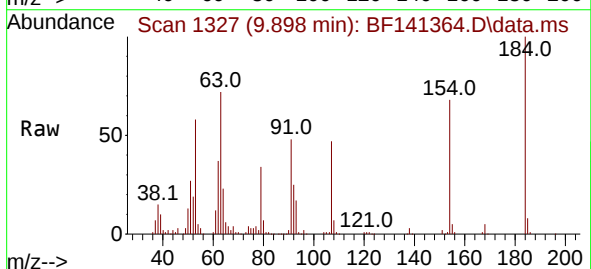
Manual Integrations
APPROVED

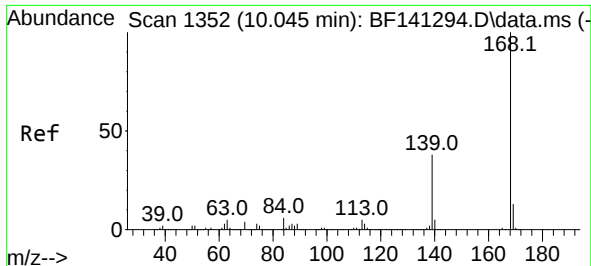
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 105.080 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

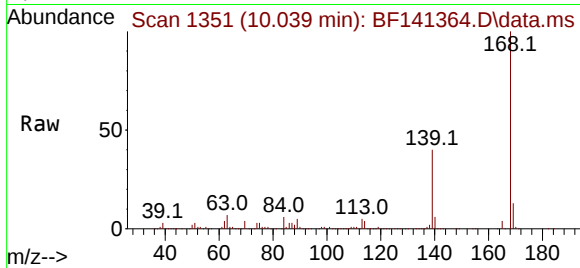
Tgt Ion:184 Resp: 155968
Ion Ratio Lower Upper
184 100
63 72.1 54.1 81.1
154 67.8 50.7 76.1





#55
Dibenzenofuran
Concen: 42.846 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

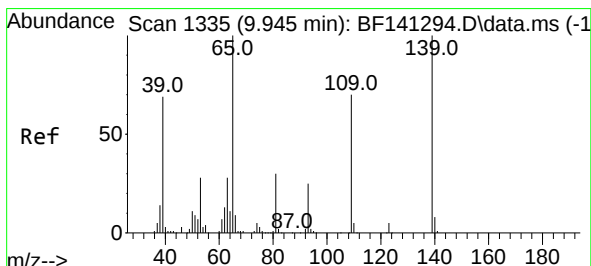
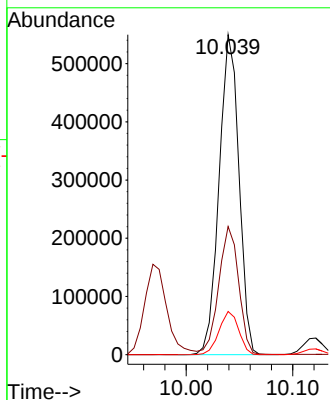
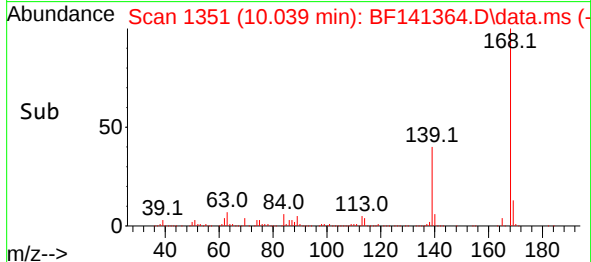
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



Tgt Ion:168 Resp: 70985
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.5 10.8 16.2

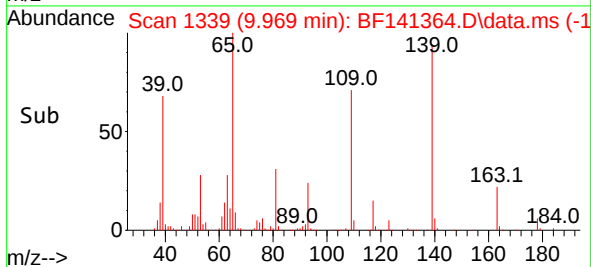
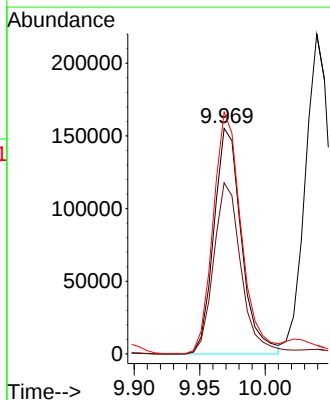
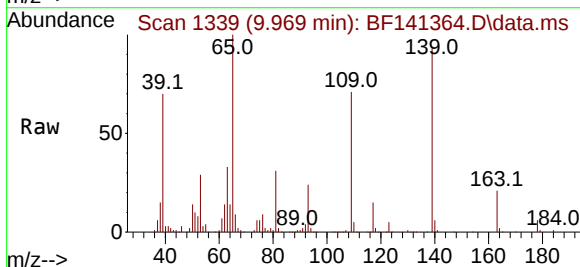
Manual Integrations
APPROVED

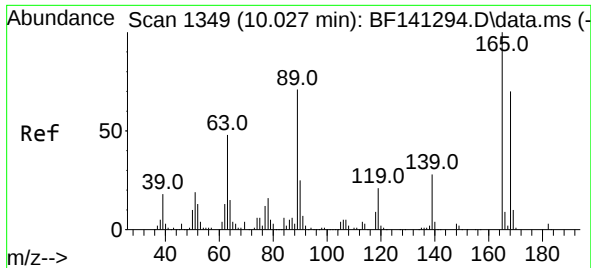
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 98.918 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

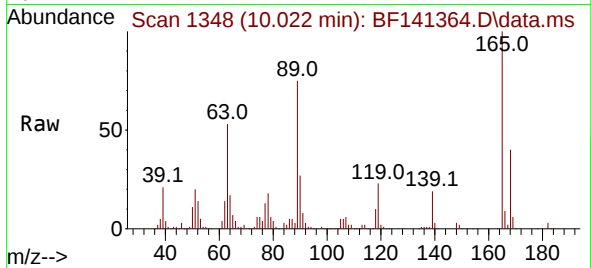
Tgt Ion:139 Resp: 226393
Ion Ratio Lower Upper
139 100
109 75.9 50.2 90.2
65 107.2 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 43.529 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

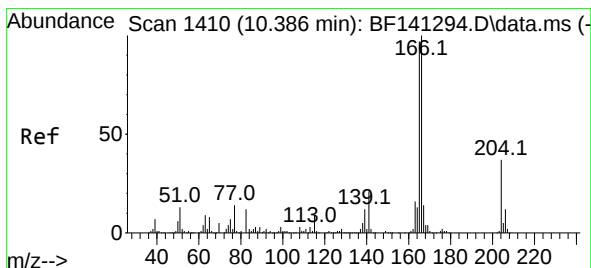
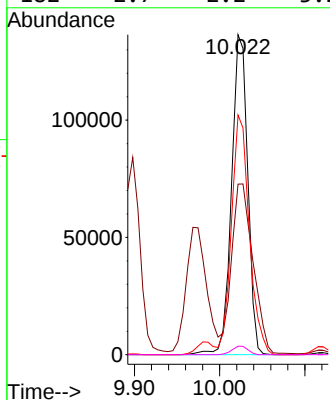
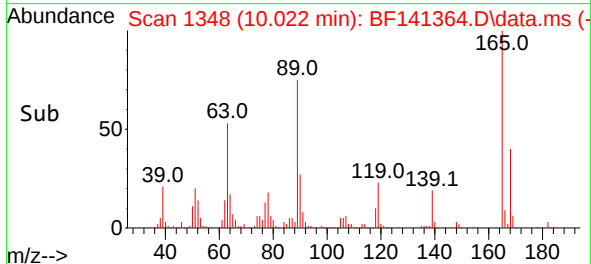
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



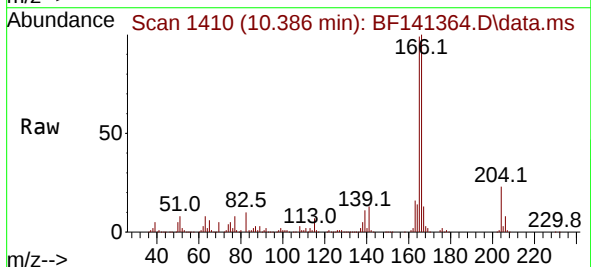
Tgt Ion:165 Resp: 179950
Ion Ratio Lower Upper
165 100
63 53.3 39.2 58.8
89 74.9 56.9 85.3
182 2.7 2.2 3.2

Manual Integrations
APPROVED

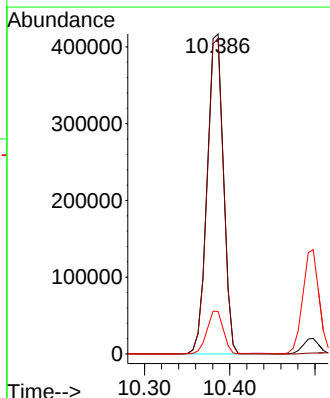
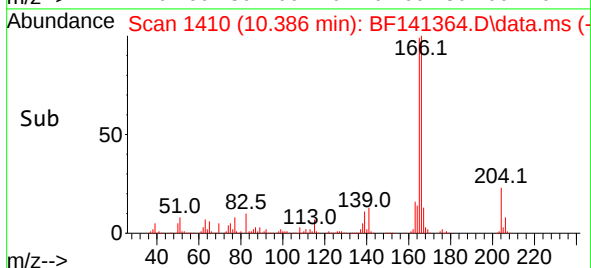
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

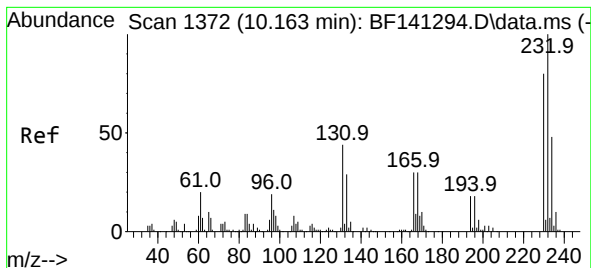


#58
Fluorene
Concen: 43.083 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



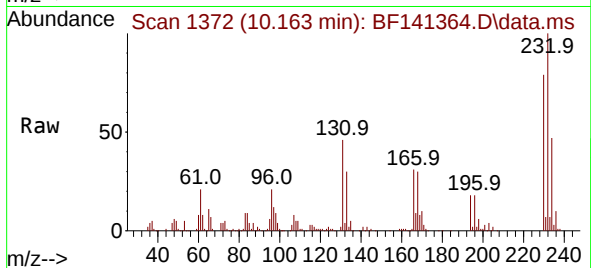
Tgt Ion:166 Resp: 553666
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.397 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

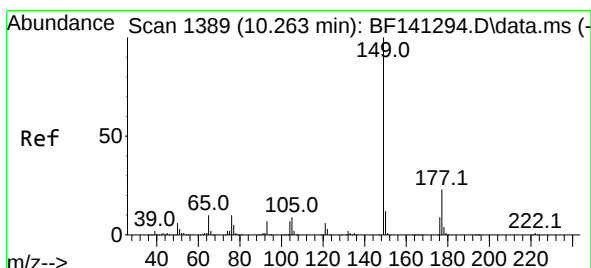
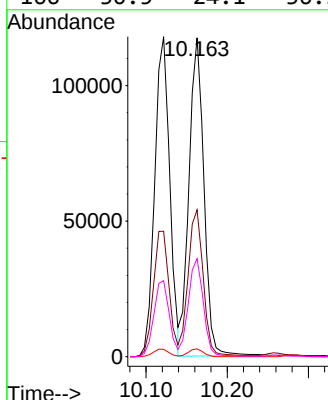
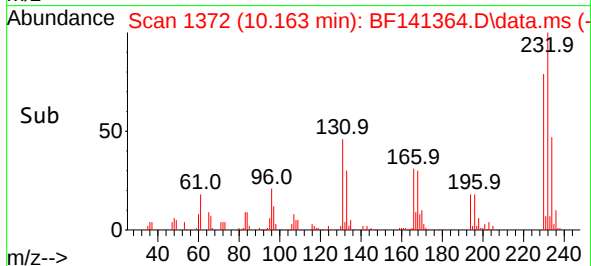
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



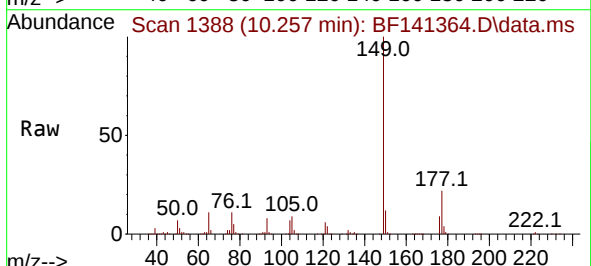
Tgt Ion:232 Resp: 15062
Ion Ratio Lower Upper
232 100
131 47.2 36.4 54.6
130 2.5 1.9 2.9
166 30.5 24.1 36.1

Manual Integrations
APPROVED

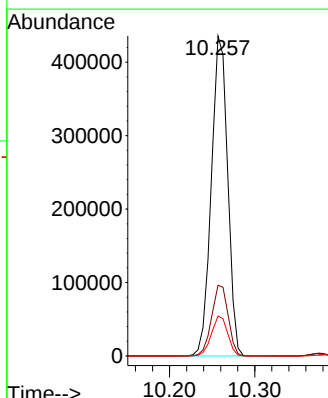
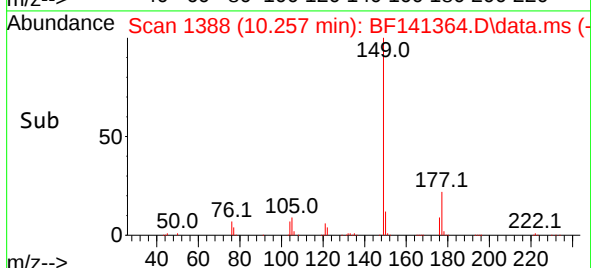
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

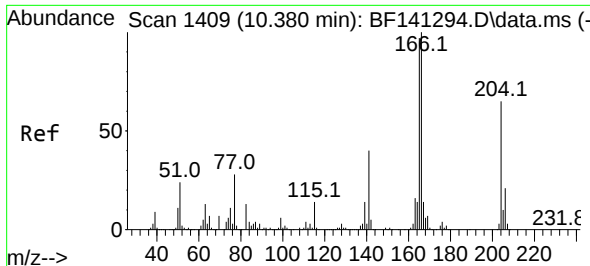


#60
Diethylphthalate
Concen: 43.502 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



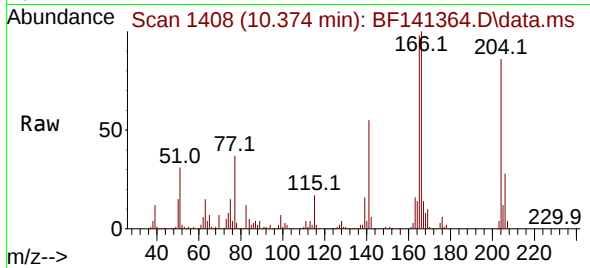
Tgt Ion:149 Resp: 580043
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.901 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

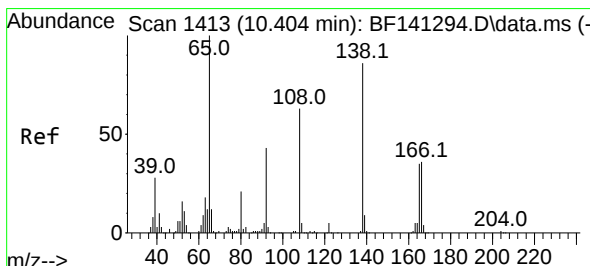
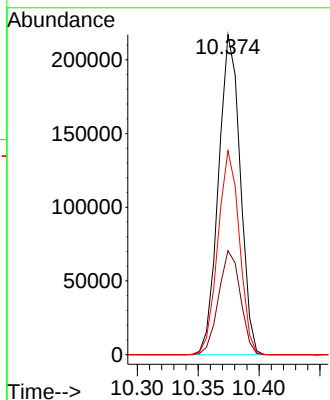
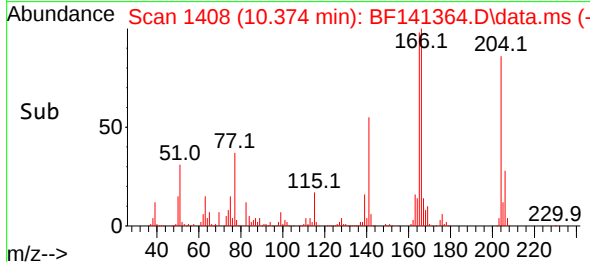
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



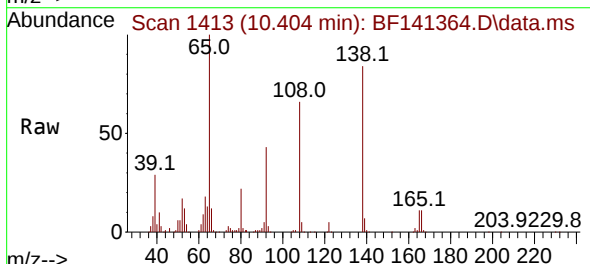
Tgt Ion:204 Resp: 269308
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 63.7 49.5 74.3

Manual Integrations
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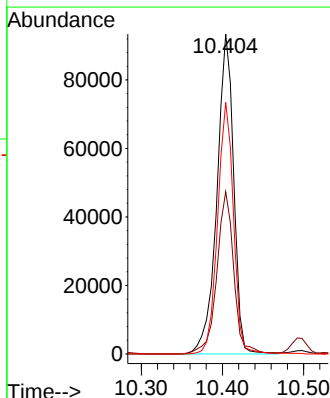
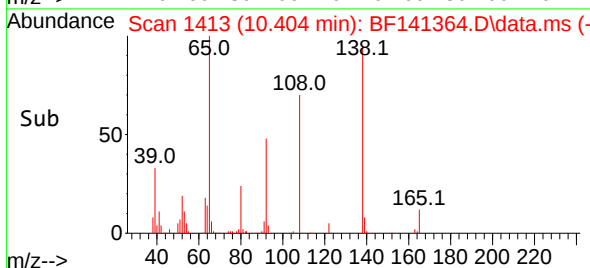
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

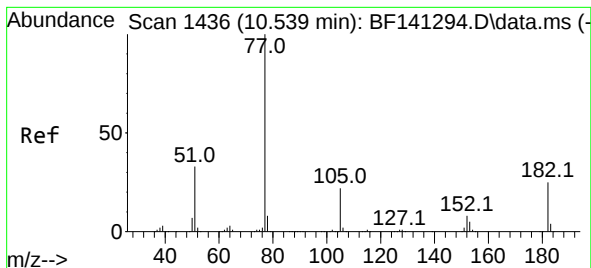


#62
4-Nitroaniline
Concen: 43.712 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



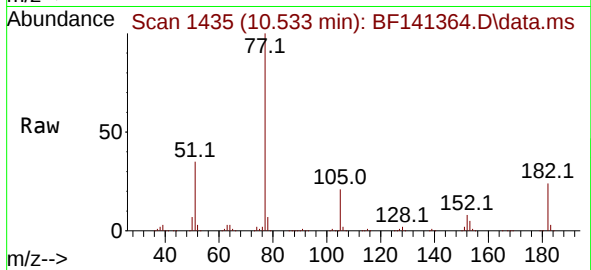
Tgt Ion:138 Resp: 134490
Ion Ratio Lower Upper
138 100
92 50.7 30.1 70.1
108 78.6 53.1 93.1





#63
Azobenzene
Concen: 42.745 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

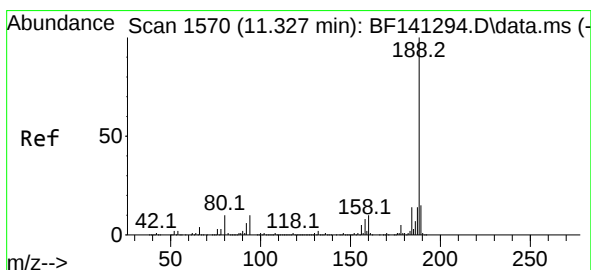
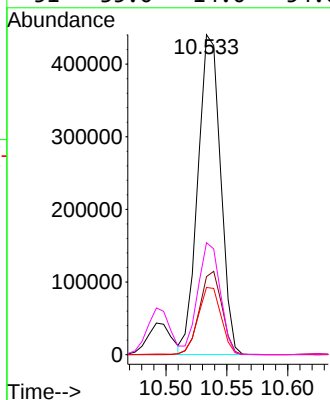
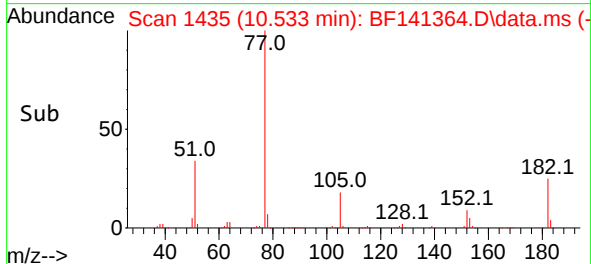
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



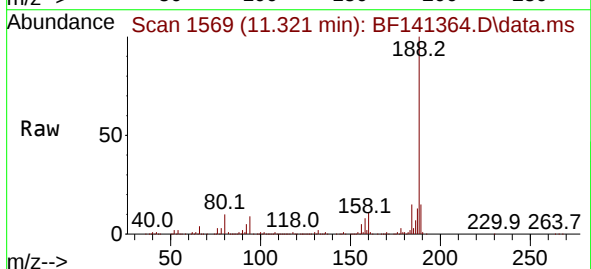
Tgt Ion: 77 Resp: 57051
Ion Ratio Lower Upper
77 100
182 24.4 5.1 45.1
105 21.0 1.8 41.8
51 35.0 14.0 54.0

Manual Integrations
APPROVED

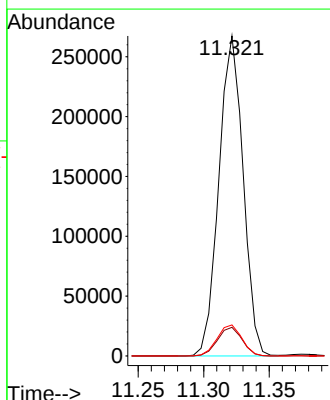
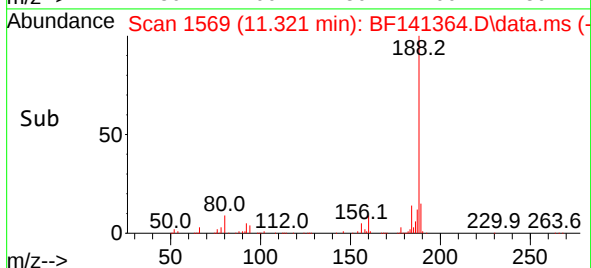
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

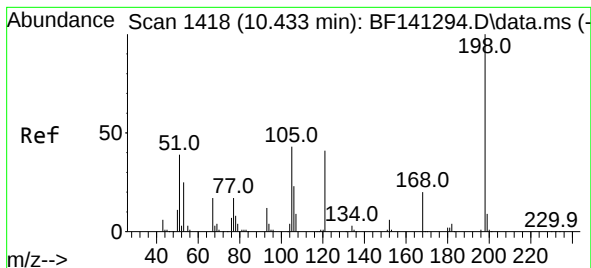


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:188 Resp: 343734
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.7 8.2 12.4





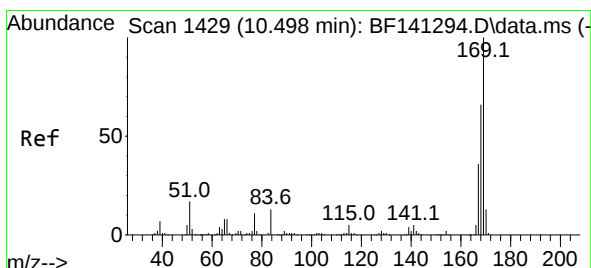
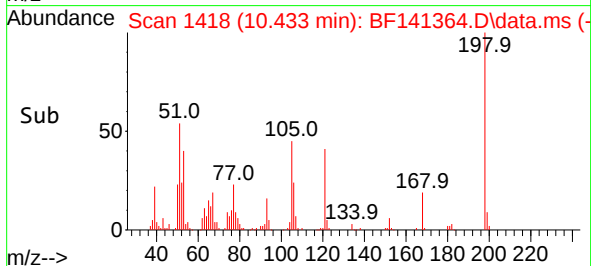
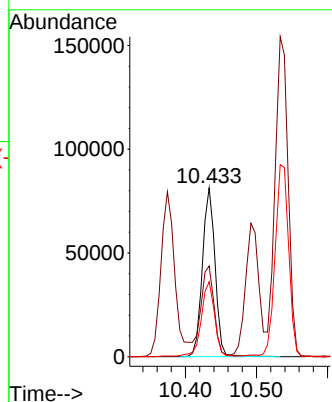
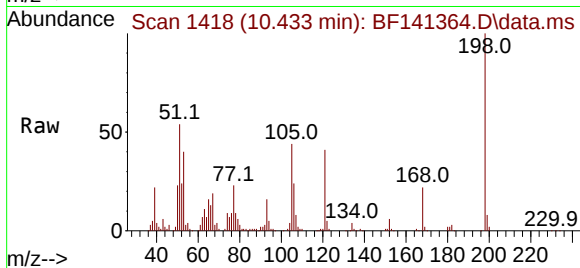
#65
4,6-Dinitro-2-methylphenol
Concen: 49.732 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:198 Resp: 101114
Ion Ratio Lower Upper
198 100
51 53.8 33.4 73.4
105 44.4 24.4 64.4

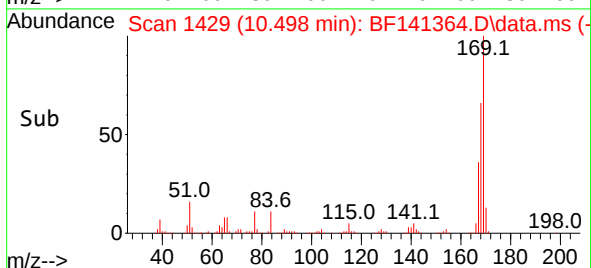
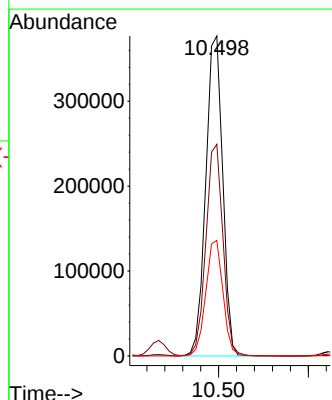
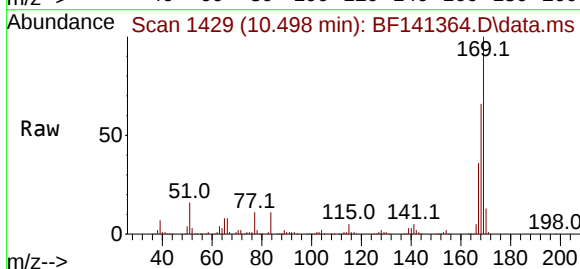
Manual Integrations
APPROVED

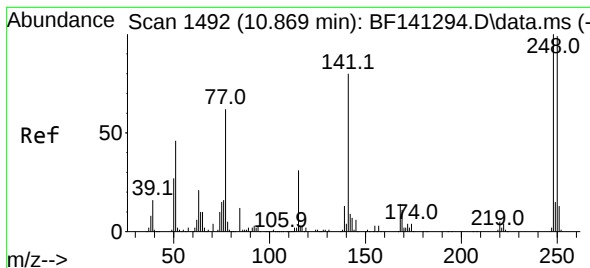
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 44.385 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

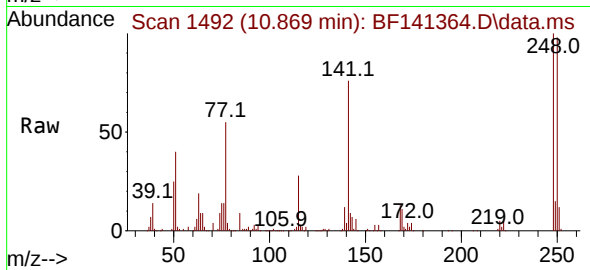
Tgt Ion:169 Resp: 493450
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 43.194 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

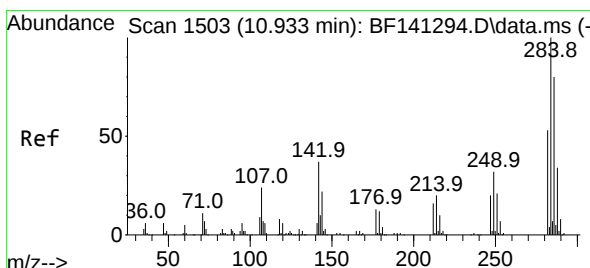
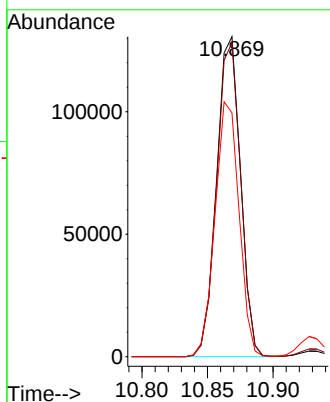
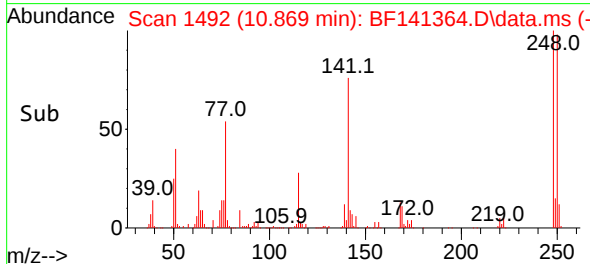
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



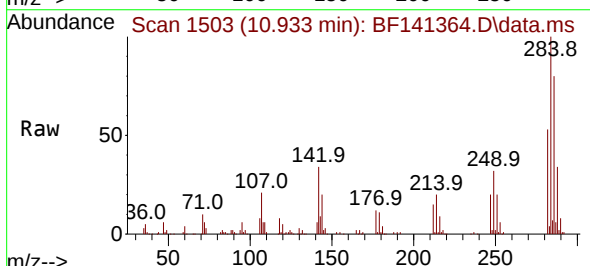
Tgt Ion:248 Resp: 166220
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 76.2 63.7 95.5

Manual Integrations
APPROVED

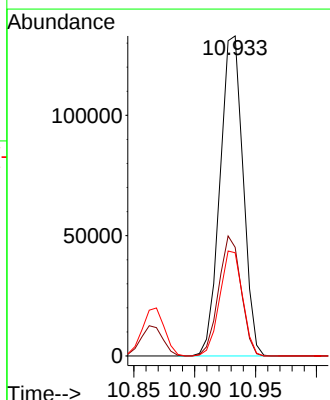
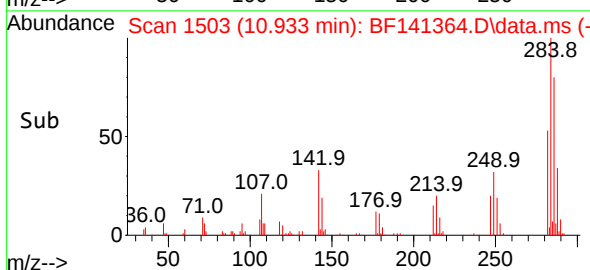
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

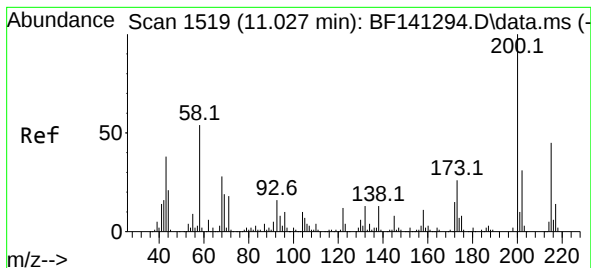


#68
Hexachlorobenzene
Concen: 42.921 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:284 Resp: 175203
Ion Ratio Lower Upper
284 100
142 34.0 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 49.599 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:200 Resp: 184369

Ion Ratio Lower Upper

200 100

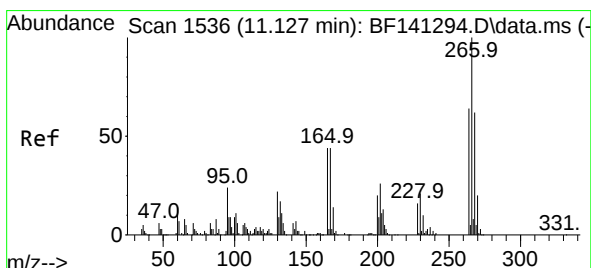
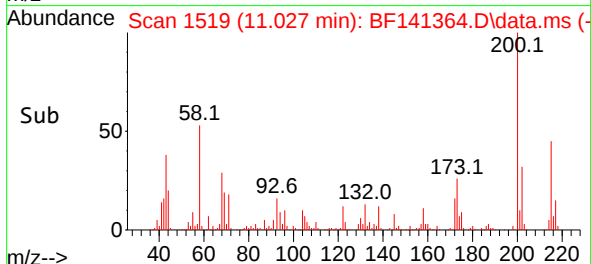
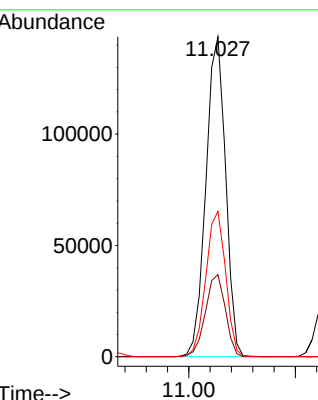
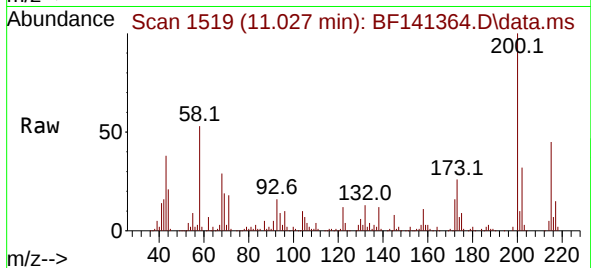
173 25.6 5.9 45.9

215 45.4 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 92.914 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

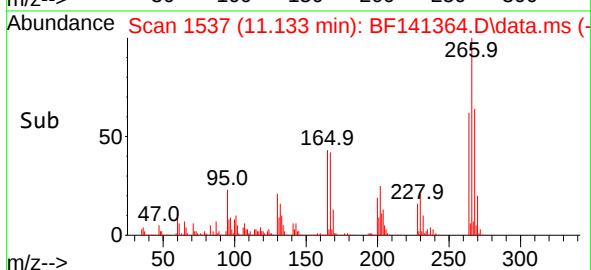
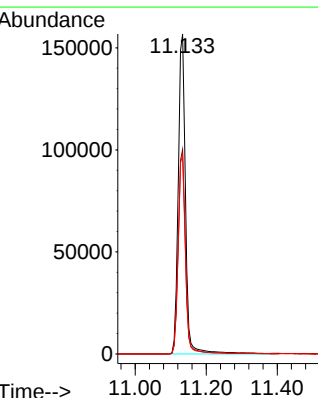
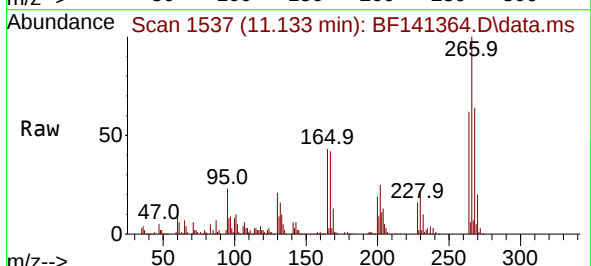
Tgt Ion:266 Resp: 222097

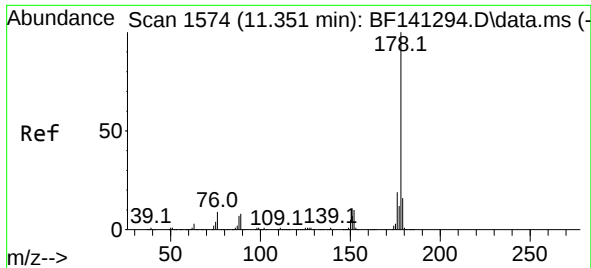
Ion Ratio Lower Upper

266 100

268 63.8 49.9 74.9

264 62.1 51.0 76.4





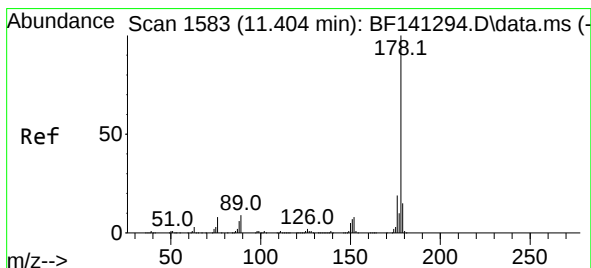
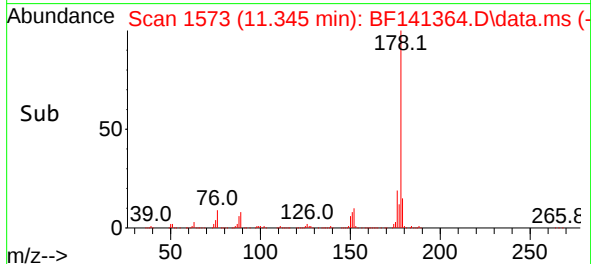
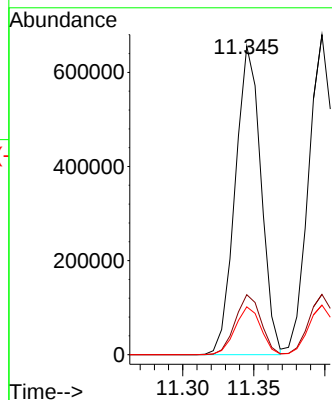
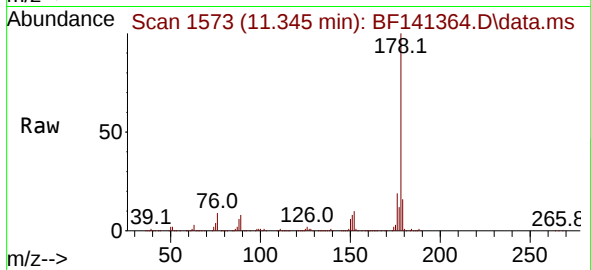
#71
Phenanthrene
Concen: 44.839 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:178 Resp: 82849
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.5 18.7

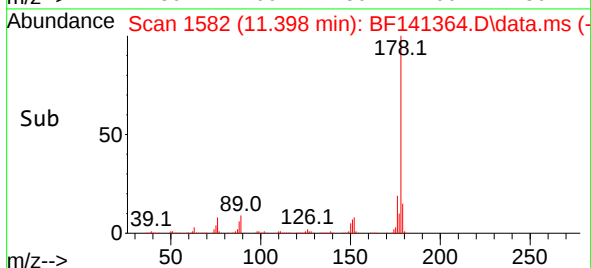
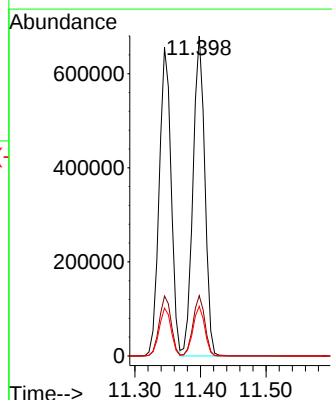
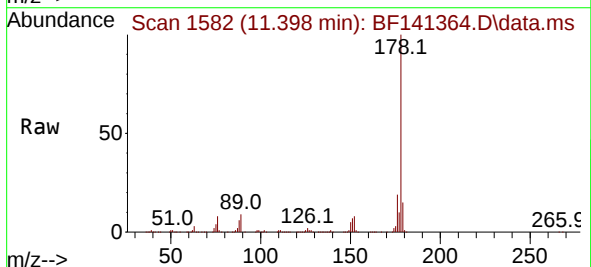
Manual Integrations
APPROVED

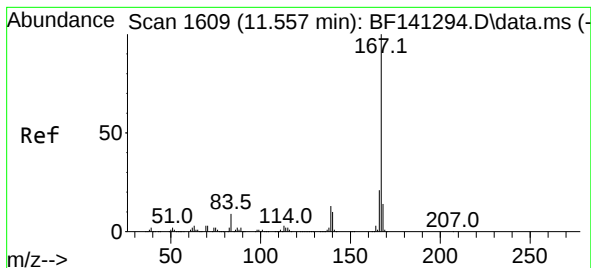
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#72
Anthracene
Concen: 47.046 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Tgt Ion:178 Resp: 851738
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.3 18.5





#73

Carbazole

Concen: 46.223 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

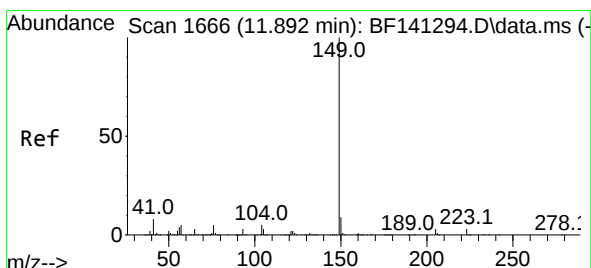
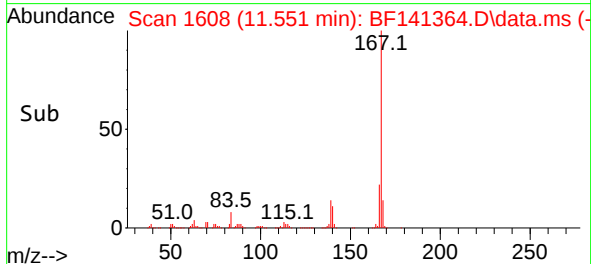
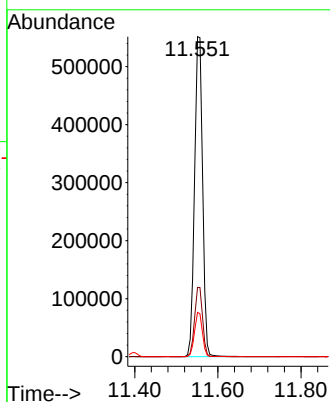
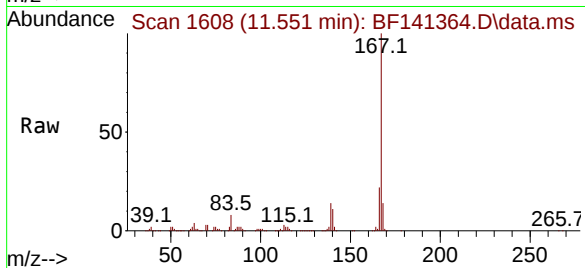
PB166468BSD

Tgt Ion:167 Resp: 742030
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#74

Di-n-butylphthalate

Concen: 45.361 ng

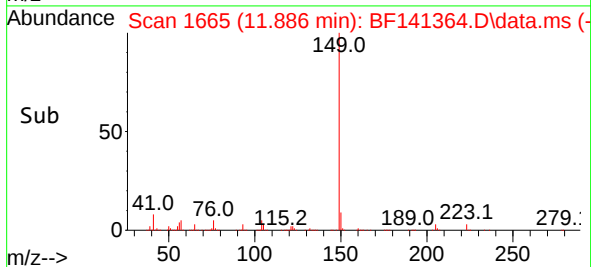
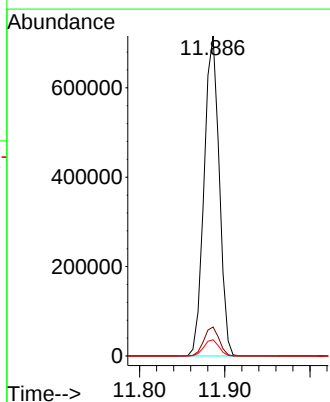
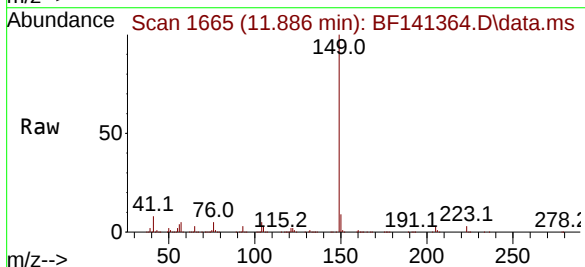
RT: 11.886 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

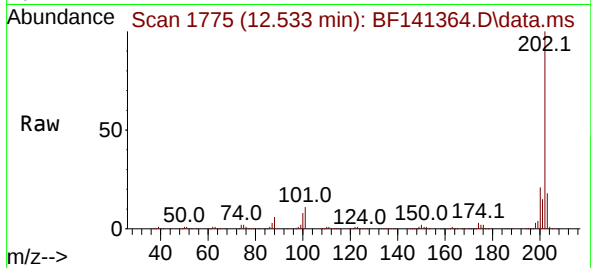
Tgt Ion:149 Resp: 882495
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 47.410 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

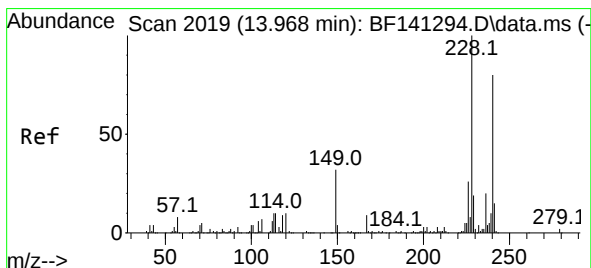
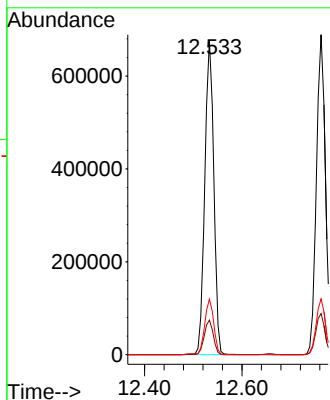
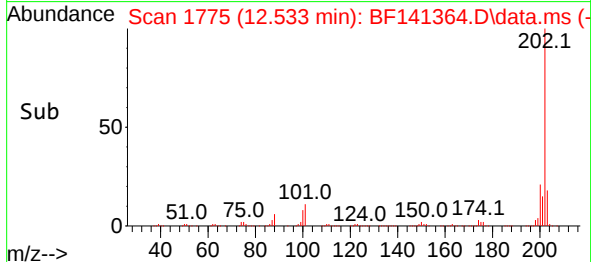
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



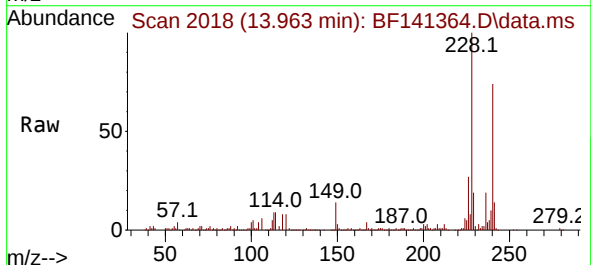
Tgt Ion:202 Resp: 86495
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
APPROVED

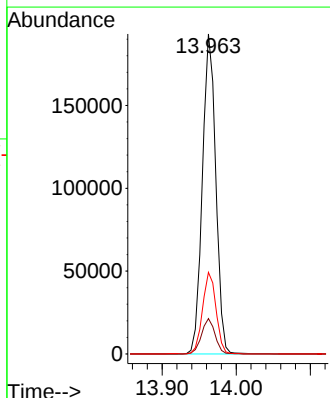
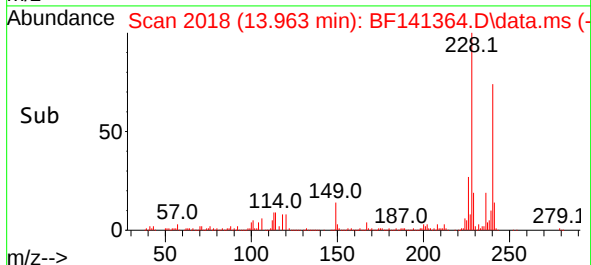
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

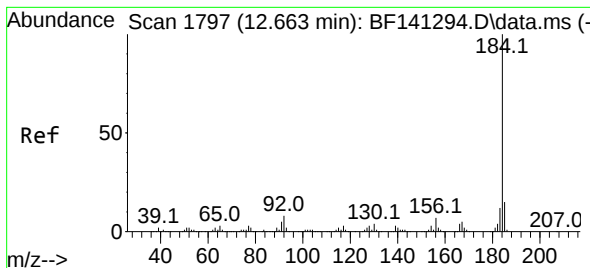


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:240 Resp: 243486
Ion Ratio Lower Upper
240 100
120 11.0 10.0 15.0
236 25.5 19.7 29.5





#77

Benzidine

Concen: 46.837 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

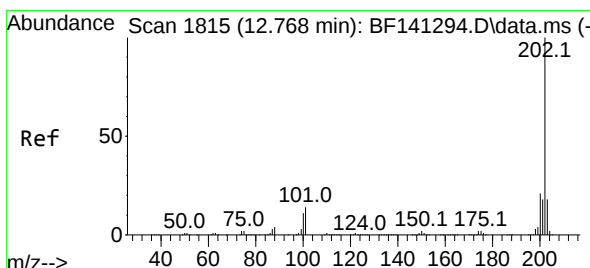
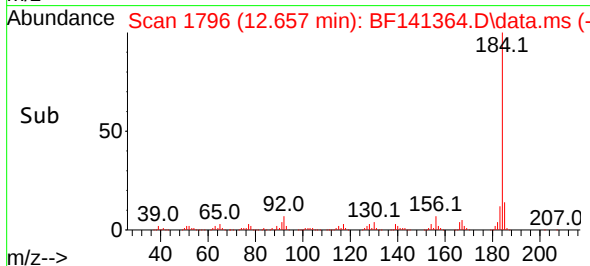
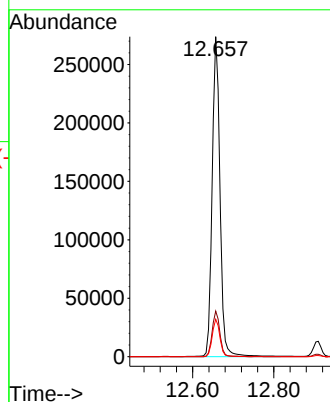
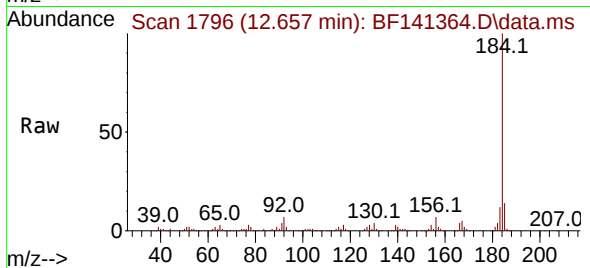
PB166468BSD

Tgt Ion:184 Resp: 365599
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.9 17.9
 183 11.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 37.578 ng

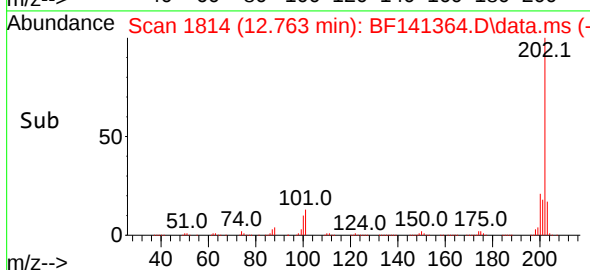
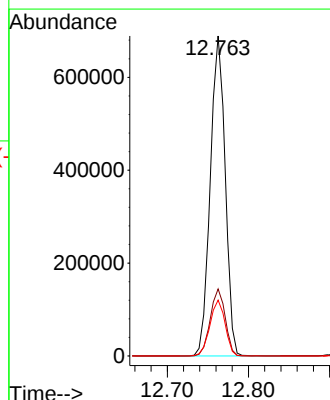
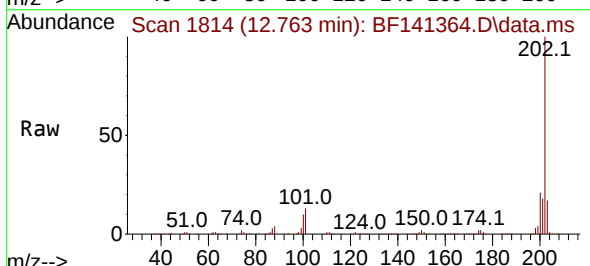
RT: 12.763 min Scan# 1814

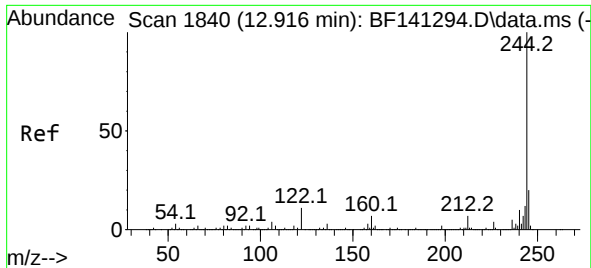
Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Tgt Ion:202 Resp: 878288
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 17.5 14.3 21.5





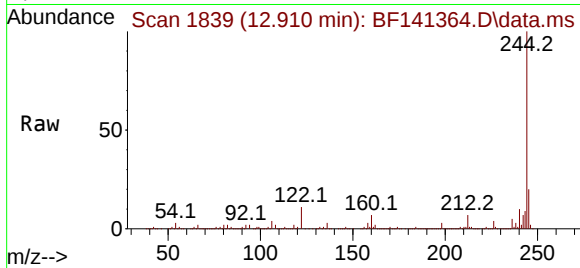
#79
 Terphenyl-d14
 Concen: 83.331 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF141364.D
 Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

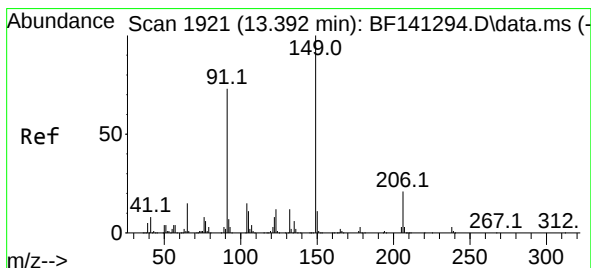
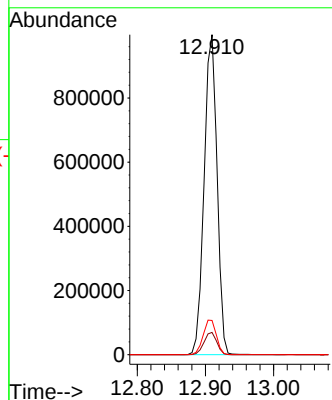
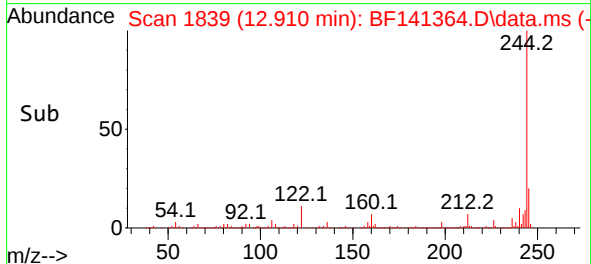


Tgt Ion:244 Resp: 131566
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.7 8.8 13.2

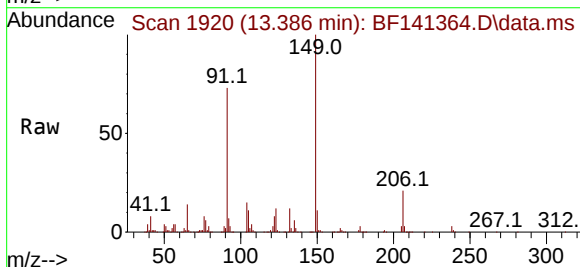
Manual Integrations

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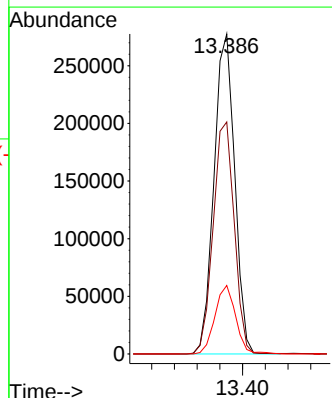
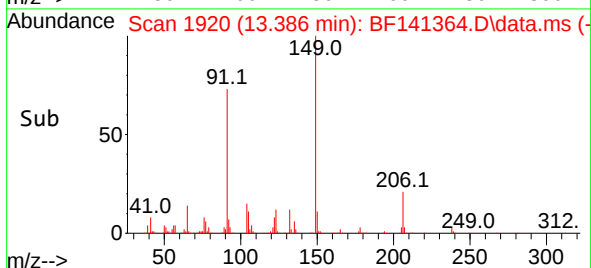
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

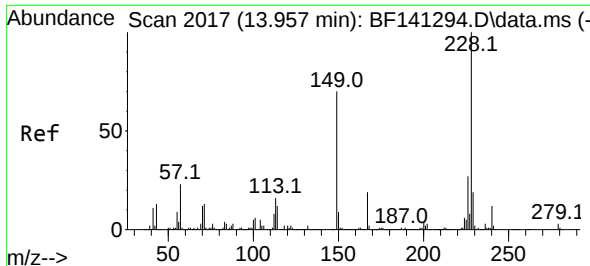


#80
 Butylbenzylphthalate
 Concen: 43.015 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141364.D
 Acq: 03 Feb 2025 12:44



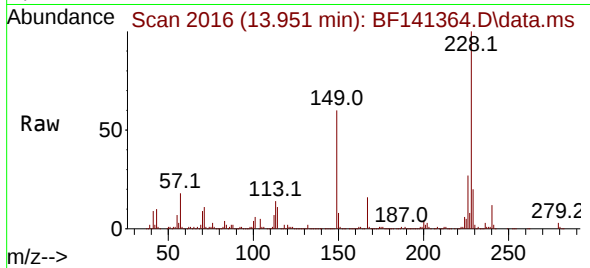
Tgt Ion:149 Resp: 351233
 Ion Ratio Lower Upper
 149 100
 91 72.5 58.6 87.8
 206 21.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 40.430 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

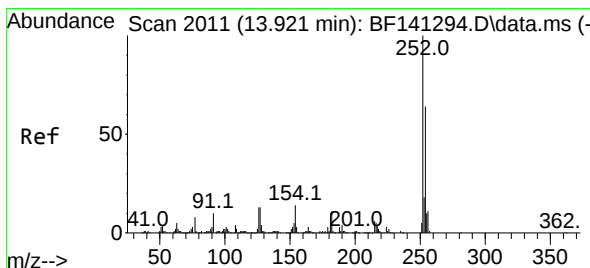
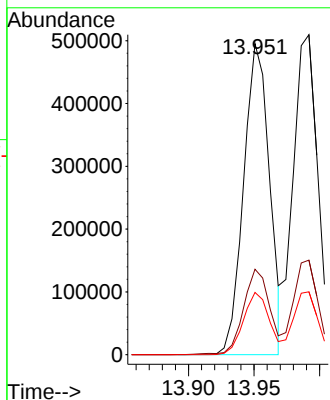
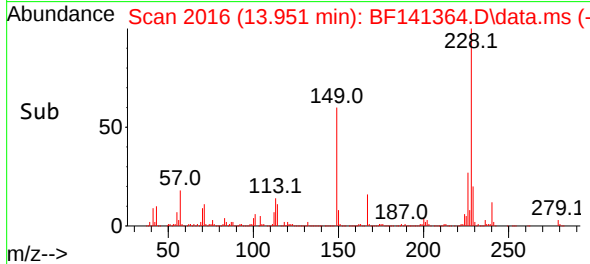
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



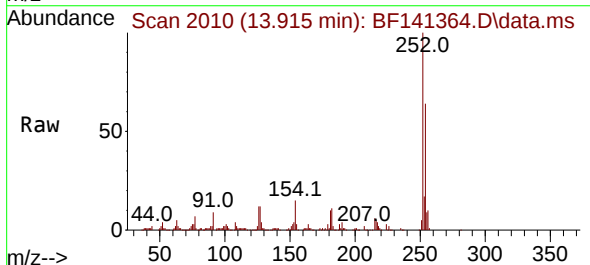
Tgt Ion:228 Resp: 67930
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 20.0 15.5 23.3

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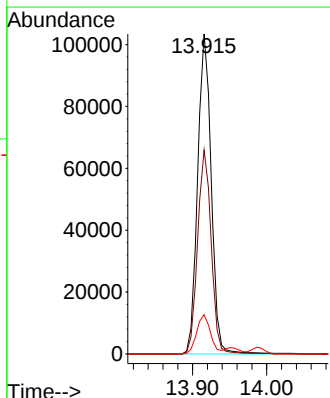
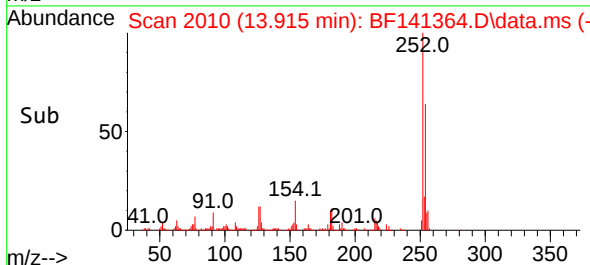
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

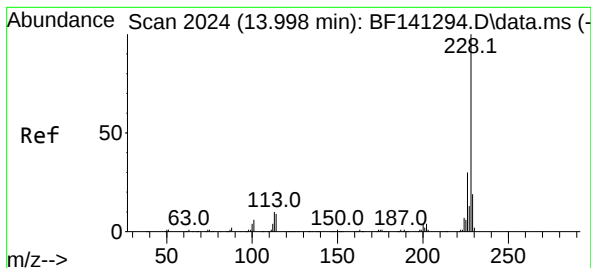


#82
3,3'-Dichlorobenzidine
Concen: 24.620 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:252 Resp: 131566
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 12.3 10.0 15.0





#83

Chrysene

Concen: 43.080 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:228 Resp: 663360

Ion Ratio Lower Upper

228 100

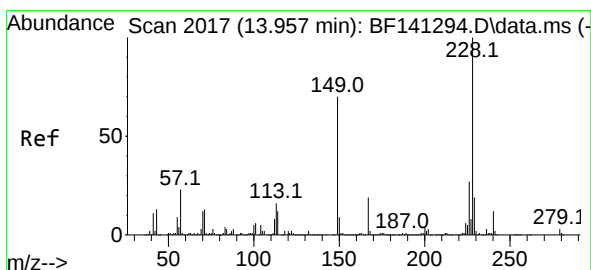
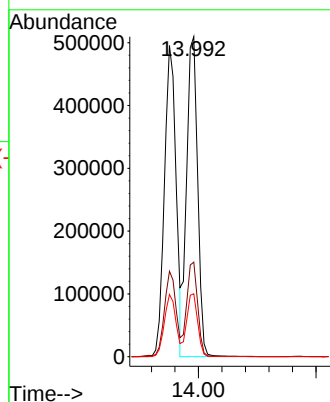
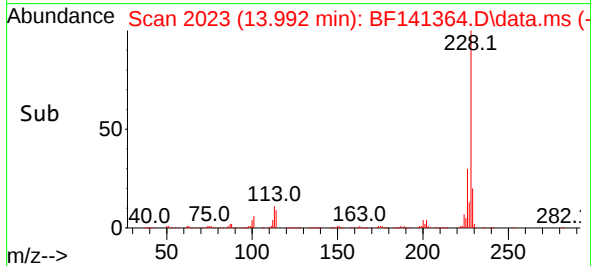
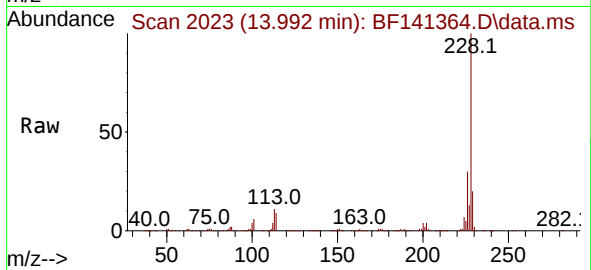
226 29.5 24.1 36.1

229 19.6 15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.873 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

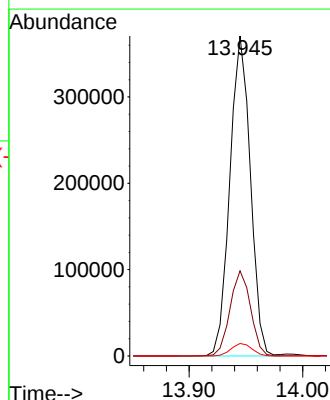
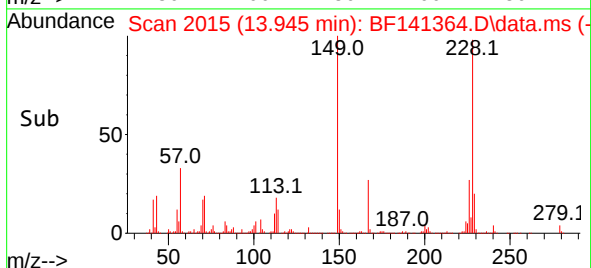
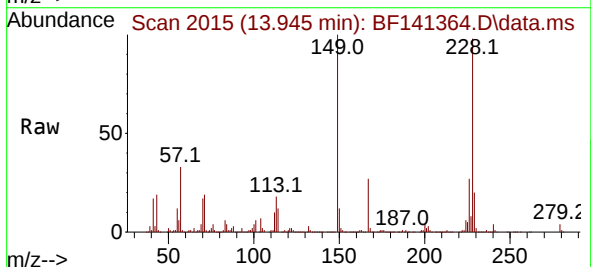
Tgt Ion:149 Resp: 464794

Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

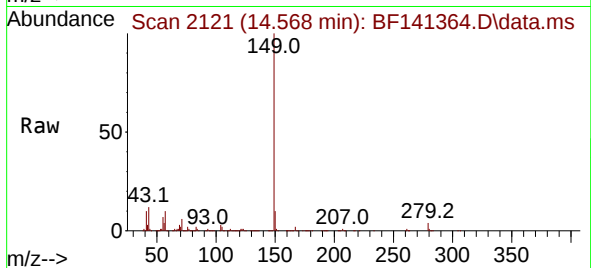
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 47.075 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

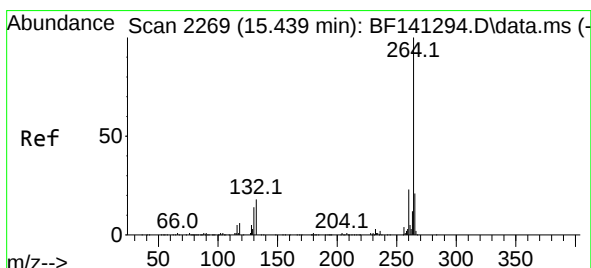
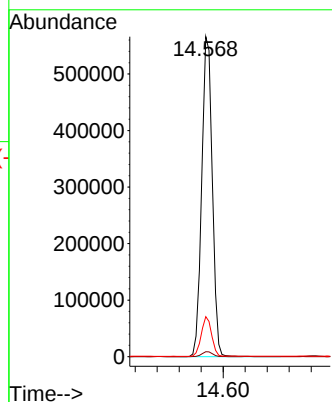
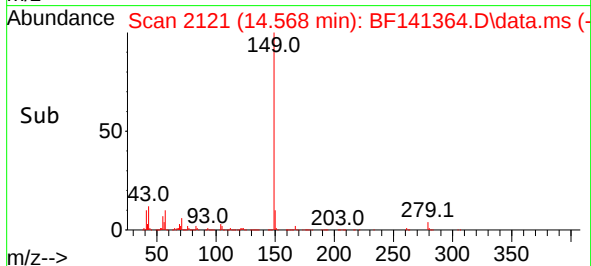
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



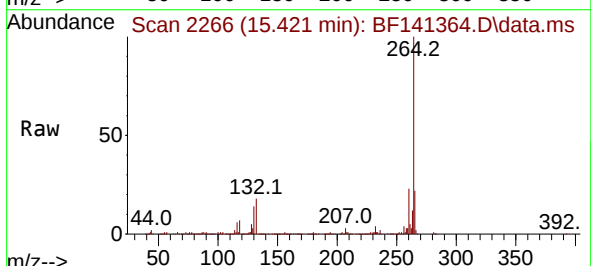
Tgt Ion:149 Resp: 75733
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 9.8 14.8

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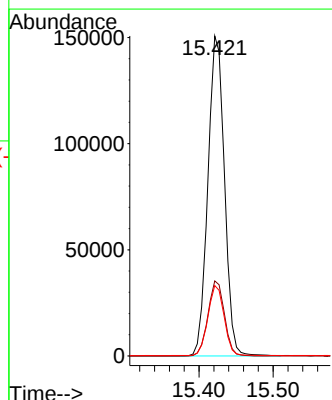
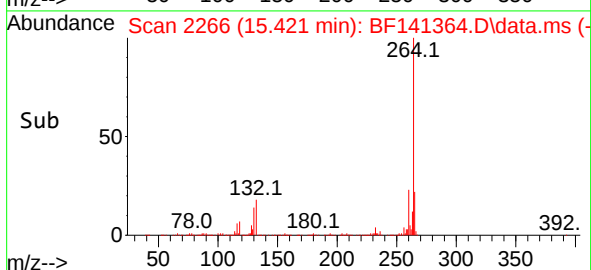
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

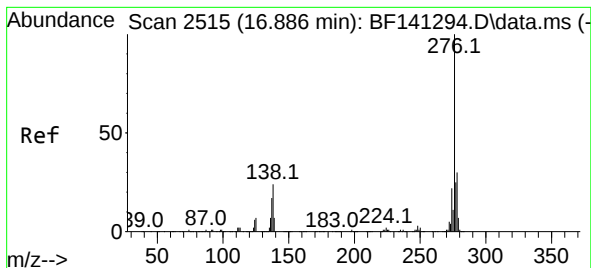


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:264 Resp: 234414
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.0 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.909 ng

RT: 16.874 min Scan# 2195

Delta R.T. -0.024 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

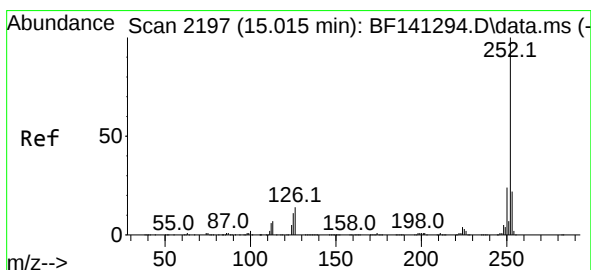
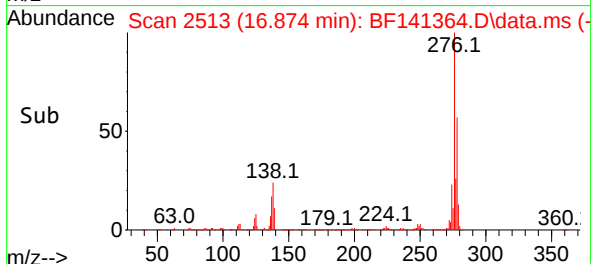
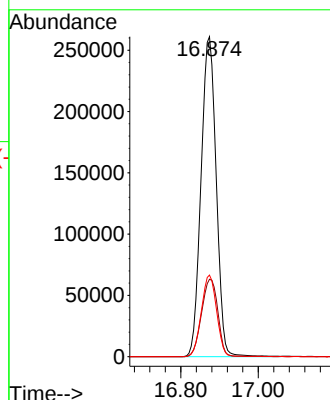
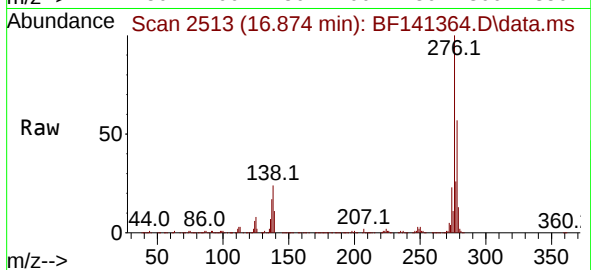
PB166468BSD

Tgt Ion:276 Resp: 709714
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.7 32.5
 277 25.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 46.365 ng

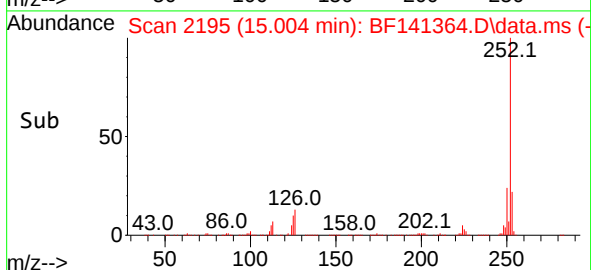
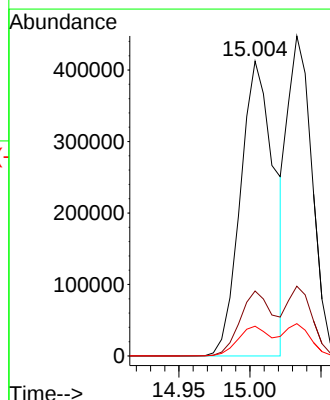
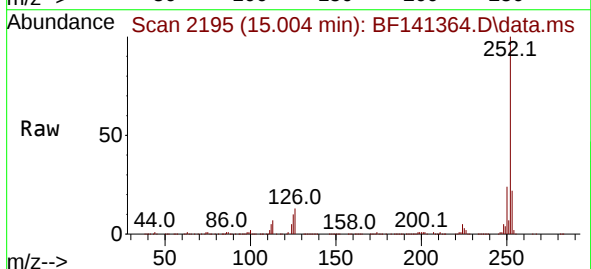
RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141364.D

Acq: 03 Feb 2025 12:44

Tgt Ion:252 Resp: 683657
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 10.1 8.6 12.8





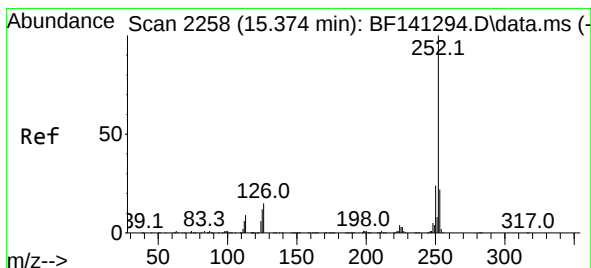
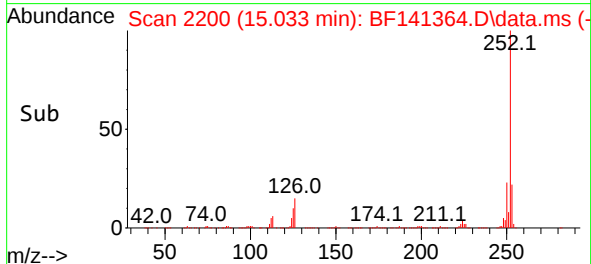
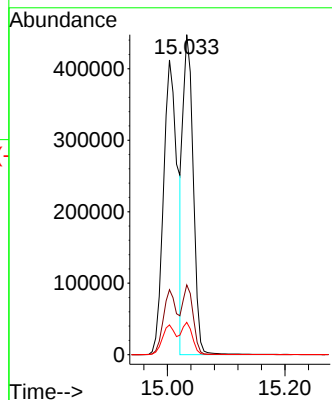
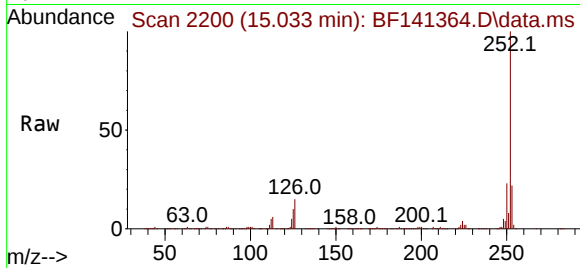
#89
Benzo(k)fluoranthene
Concen: 41.616 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:252 Resp: 54360
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.1 8.4 12.6

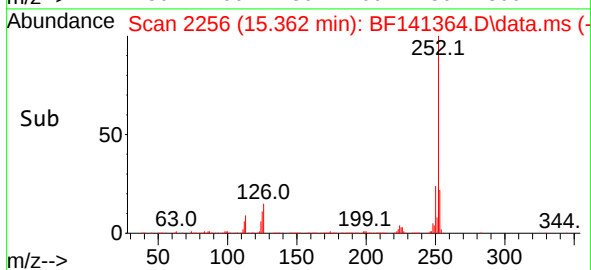
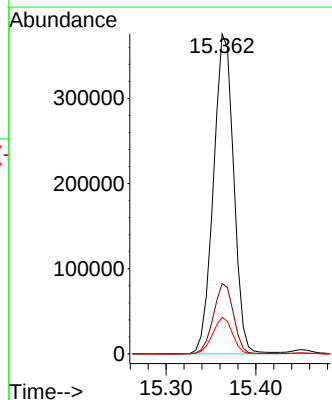
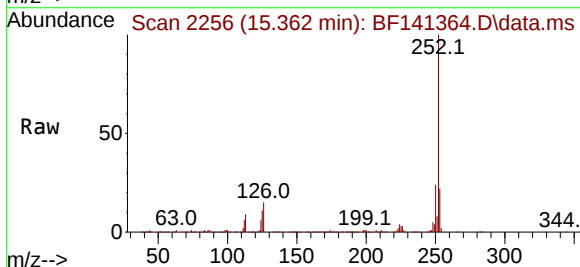
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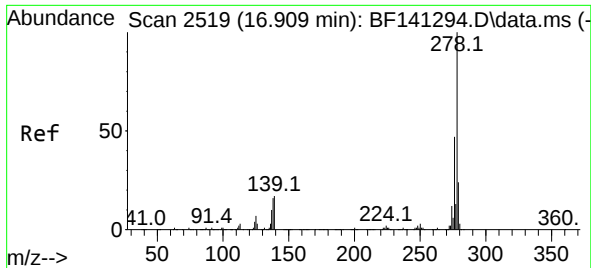
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#90
Benzo(a)pyrene
Concen: 47.216 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

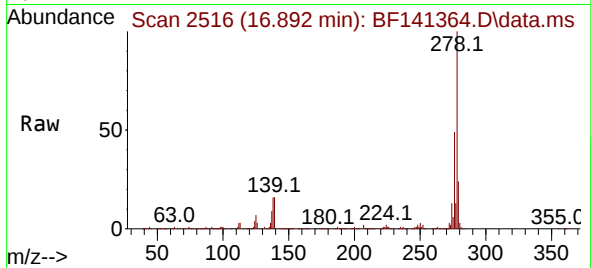
Tgt Ion:252 Resp: 588326
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 47.439 ng
RT: 16.892 min Scan# 2519
Delta R.T. -0.030 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44

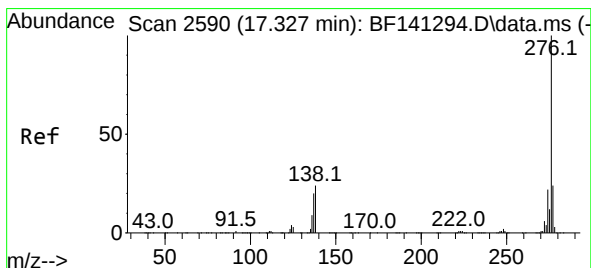
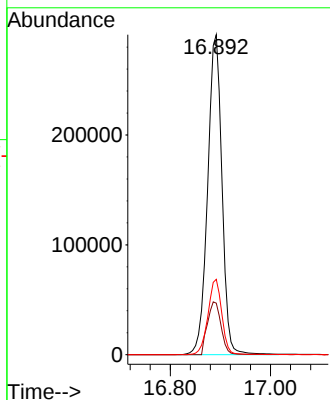
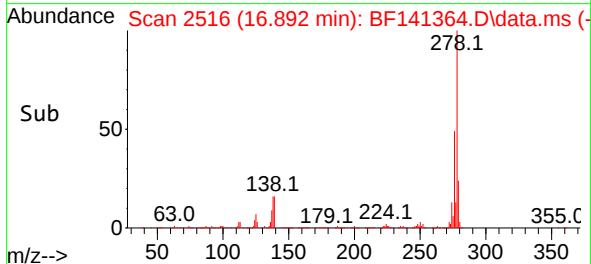
Instrument :
BNA_F
ClientSampleId :
PB166468BSD



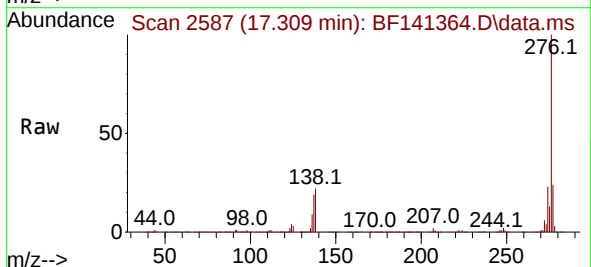
Tgt Ion:278 Resp: 57744
Ion Ratio Lower Upper
278 100
139 16.1 13.9 20.9
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 43.990 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141364.D
Acq: 03 Feb 2025 12:44



Tgt Ion:276 Resp: 556775
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 22.4 19.0 28.4

