

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141553.D
 Acq On : 11 Feb 2025 11:21
 Operator : RC/JU
 Sample : PB166640BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166640BS

Quant Time: Feb 11 11:48:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98338	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	392665	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	222790	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382820	20.000	ng	0.00
76) Chrysene-d12	13.957	240	245835	20.000	ng	0.00
86) Perylene-d12	15.404	264	192005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	747104	119.106	ng	0.01
7) Phenol-d6	6.434	99	936838	118.168	ng	0.00
23) Nitrobenzene-d5	7.357	82	619912	82.344	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	284408	127.080	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1214066	83.955	ng	0.00
79) Terphenyl-d14	12.898	244	1434287	98.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	85878	34.017	ng	99
3) Pyridine	3.316	79	206790	34.422	ng	99
4) n-Nitrosodimethylamine	3.257	42	145898	36.677	ng	97
6) Aniline	6.451	93	277331	37.291	ng	94
8) 2-Chlorophenol	6.575	128	267464	39.462	ng	99
9) Benzaldehyde	6.340	77	166184	39.446	ng	100
10) Phenol	6.446	94	317521	38.480	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	242817	39.178	ng	100
12) 1,3-Dichlorobenzene	6.728	146	276983	38.709	ng	97
13) 1,4-Dichlorobenzene	6.804	146	276912	37.877	ng	99
14) 1,2-Dichlorobenzene	6.957	146	269902	39.778	ng	99
15) Benzyl Alcohol	6.934	79	238781	39.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	415819	39.193	ng	82
17) 2-Methylphenol	7.051	107	213840	40.317	ng	98
18) Hexachloroethane	7.298	117	108011	39.921	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	190159	40.099	ng	98
20) 3+4-Methylphenols	7.204	107	273070	40.511	ng	100
22) Acetophenone	7.198	105	410022	41.977	ng	98
24) Nitrobenzene	7.375	77	282825	38.526	ng	98
25) Isophorone	7.610	82	511753	42.633	ng	99
26) 2-Nitrophenol	7.687	139	145158	39.744	ng	97
27) 2,4-Dimethylphenol	7.728	122	218728	51.264	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	311535	40.502	ng	100
29) 2,4-Dichlorophenol	7.934	162	230194	39.930	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	241949	38.540	ng	99
31) Naphthalene	8.092	128	780285	38.175	ng	100
32) Benzoic acid	7.869	122	174885	39.461	ng	96
33) 4-Chloroaniline	8.145	127	198728	27.848	ng	98
34) Hexachlorobutadiene	8.210	225	151737	40.261	ng	99
35) Caprolactam	8.516	113	82476m	46.988	ng	
36) 4-Chloro-3-methylphenol	8.634	107	256122	40.108	ng	99
37) 2-Methylnaphthalene	8.787	142	502697	37.795	ng	99
38) 1-Methylnaphthalene	8.881	142	488688	37.935	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	276152	42.844	ng	99
41) Hexachlorocyclopentadiene	8.934	237	295141	137.668	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	164369	39.456	ng	99

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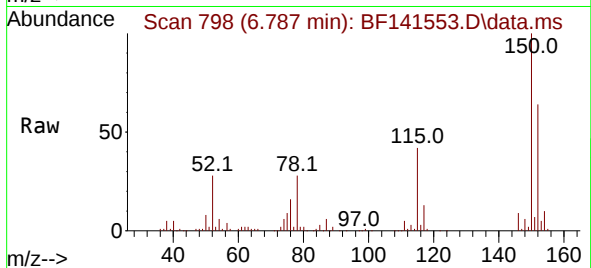
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	179191	39.689	ng	99
46) 1,1'-Biphenyl	9.251	154	737237	42.683	ng	100
47) 2-Chloronaphthalene	9.275	162	497000	38.912	ng	99
48) 2-Nitroaniline	9.375	65	171986	40.123	ng	98
49) Acenaphthylene	9.686	152	776939	40.897	ng	100
50) Dimethylphthalate	9.551	163	610541	40.367	ng	99
51) 2,6-Dinitrotoluene	9.616	165	135349	40.936	ng	98
52) Acenaphthene	9.863	154	489581	38.333	ng	99
53) 3-Nitroaniline	9.786	138	96150	27.019	ng	97
54) 2,4-Dinitrophenol	9.898	184	175822	89.474	ng	97
55) Dibenzofuran	10.034	168	707135	37.720	ng	99
56) 4-Nitrophenol	9.963	139	222417	84.195	ng	96
57) 2,4-Dinitrotoluene	10.022	165	181418	41.217	ng	100
58) Fluorene	10.375	166	567729	39.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153873	39.587	ng	97
60) Diethylphthalate	10.251	149	592461	39.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	276120	39.596	ng	99
62) 4-Nitroaniline	10.404	138	137609	38.082	ng	99
63) Azobenzene	10.528	77	576561	38.974	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	110293	41.475	ng	96
66) n-Nitrosodiphenylamine	10.486	169	502279	40.988	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	176041	41.145	ng	97
68) Hexachlorobenzene	10.922	284	184417	41.859	ng	97
69) Atrazine	11.016	200	196812	53.535	ng	100
70) Pentachlorophenol	11.122	266	222244	78.891	ng	99
71) Phenanthrene	11.339	178	869573	41.266	ng	100
72) Anthracene	11.392	178	886168	41.834	ng	99
73) Carbazole	11.545	167	777086	40.770	ng	100
74) Di-n-butylphthalate	11.875	149	933869	42.433	ng	100
75) Fluoranthene	12.527	202	907964	40.641	ng	100
77) Benzidine	12.651	184	314381	57.985	ng	100
78) Pyrene	12.757	202	928873	44.386	ng	100
80) Butylbenzylphthalate	13.374	149	338587	46.711	ng	99
81) Benzo(a)anthracene	13.945	228	691833	42.336	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	142695	30.483	ng	100
83) Chrysene	13.980	228	616121	40.833	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	392947	48.065	ng	100
85) Di-n-octyl phthalate	14.551	149	528060	45.278	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	543554	45.816	ng	99
88) Benzo(b)fluoranthene	14.986	252	539713	41.863	ng	99
89) Benzo(k)fluoranthene	15.016	252	423973	38.512	ng	99
90) Benzo(a)pyrene	15.345	252	452188	43.346	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	434973	45.248	ng	99
92) Benzo(g,h,i)perylene	17.280	276	430329	42.778	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

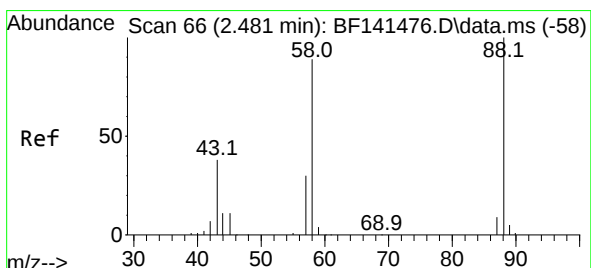
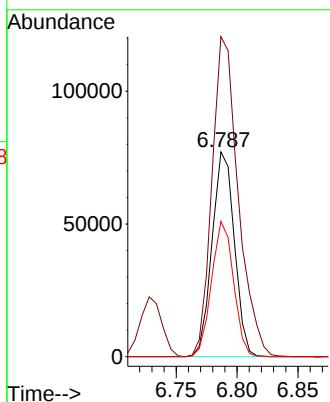
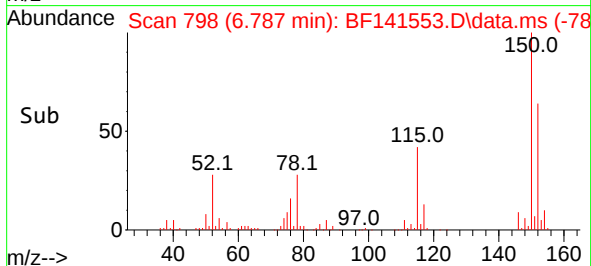
Instrument :
BNA_F
ClientSampleId :
PB166640BS



Tgt Ion:152 Resp: 98338
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 66.0 53.6 80.4

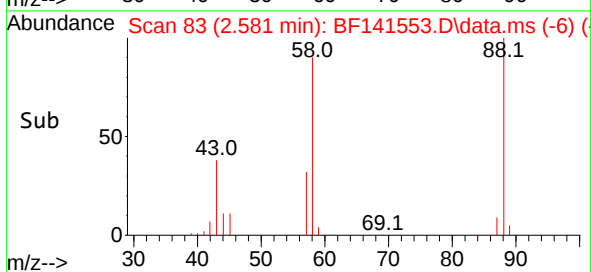
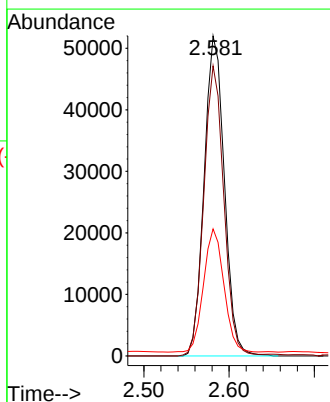
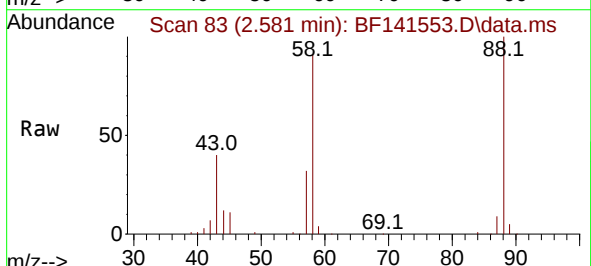
Manual Integrations
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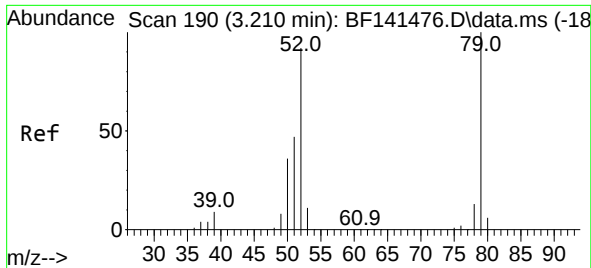
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 34.017 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 88 Resp: 85878
Ion Ratio Lower Upper
88 100
58 89.8 71.1 106.7
43 38.5 30.6 46.0





#3
Pyridine
Concen: 34.422 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.100 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

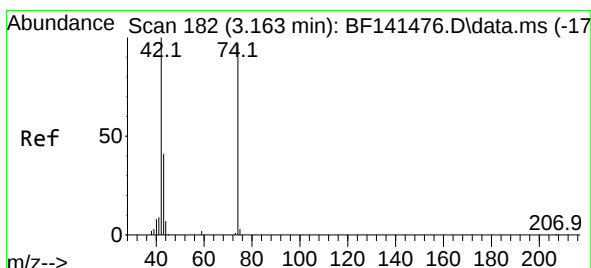
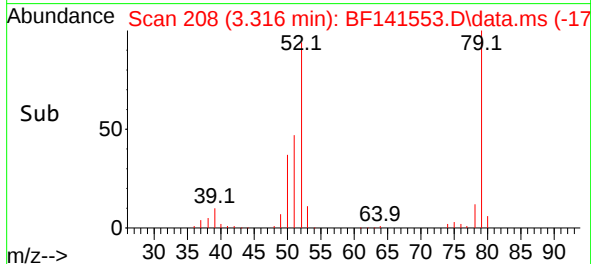
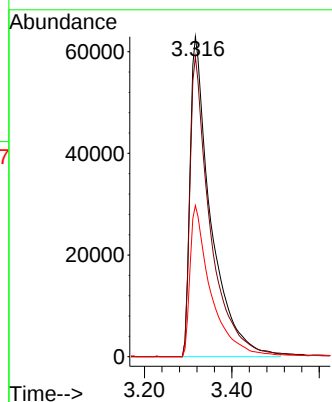
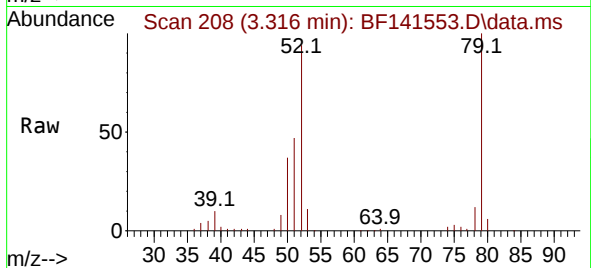
PB166640BS

Tgt Ion: 79 Resp: 206790
Ion Ratio Lower Upper
79 100
52 93.7 73.7 110.5
51 47.3 37.5 56.3

Manual Integrations

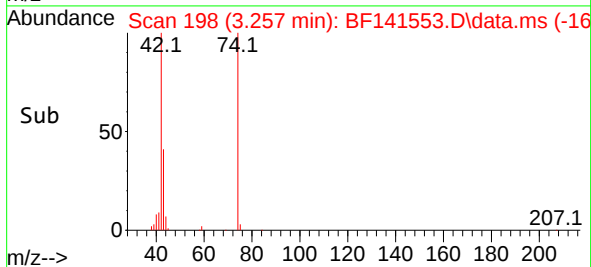
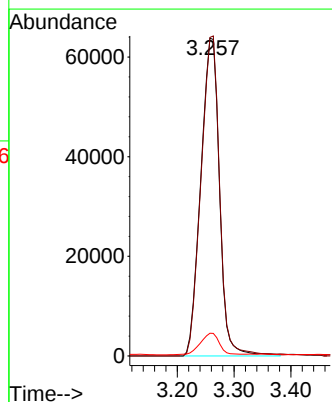
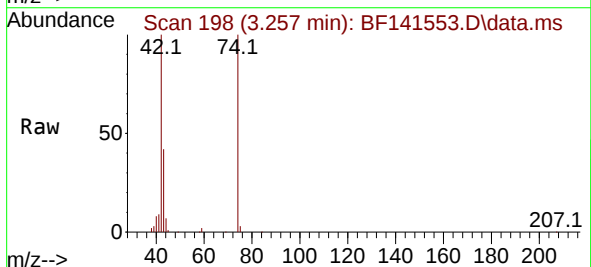
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Supervised By :mohammad ahmed 02/12/2025



#4
n-Nitrosodimethylamine
Concen: 36.677 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 42 Resp: 145898
Ion Ratio Lower Upper
42 100
74 100.2 78.0 117.0
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 119.106 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

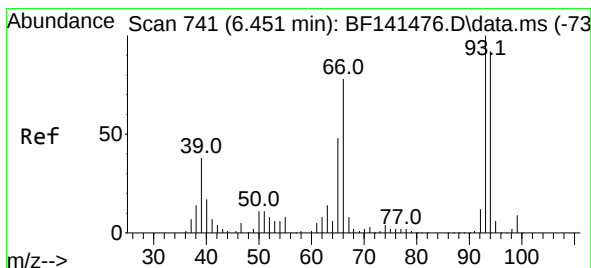
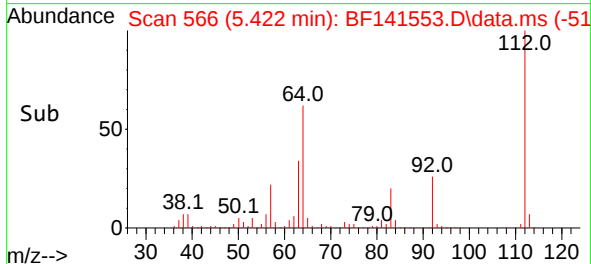
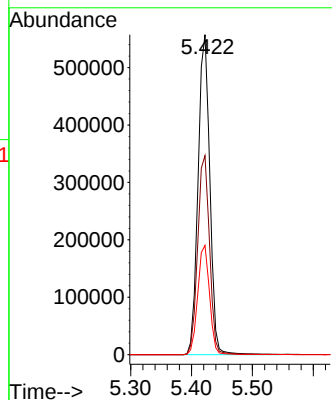
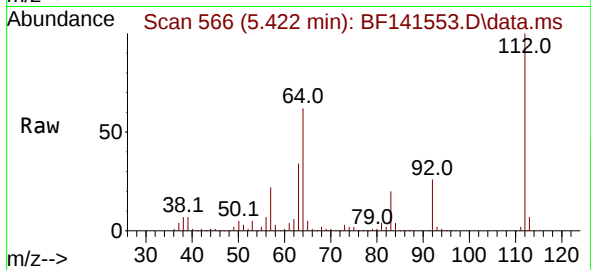
PB166640BS

Tgt Ion:112 Resp: 747104
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 34.1 28.4 42.6

Manual Integrations

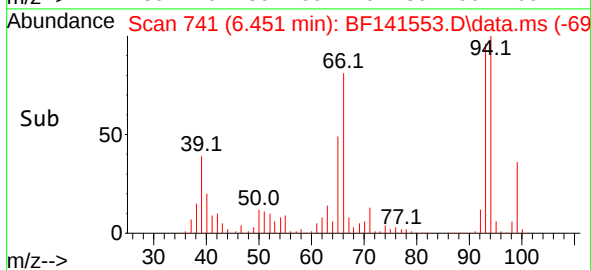
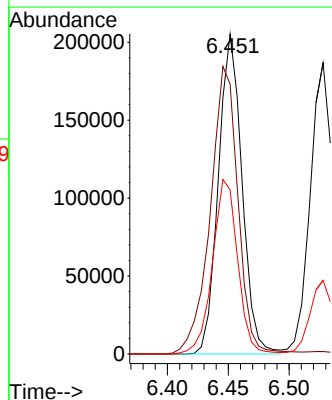
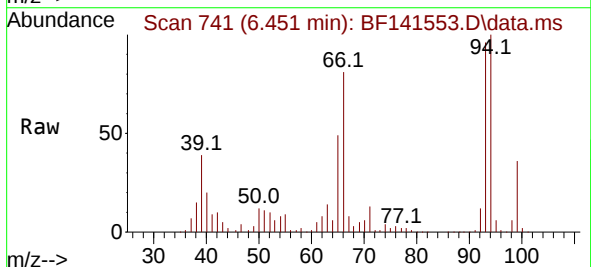
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#6
Aniline
Concen: 37.291 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

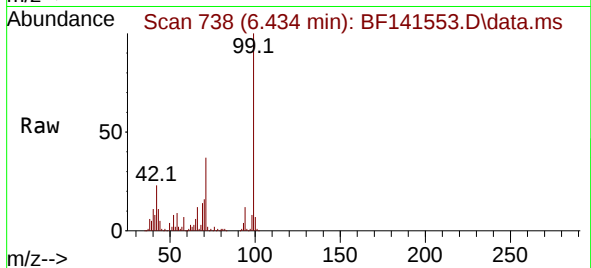
Tgt Ion: 93 Resp: 277331
Ion Ratio Lower Upper
93 100
66 84.3 62.6 94.0
65 51.3 38.3 57.5





#7
Phenol-d6
Concen: 118.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

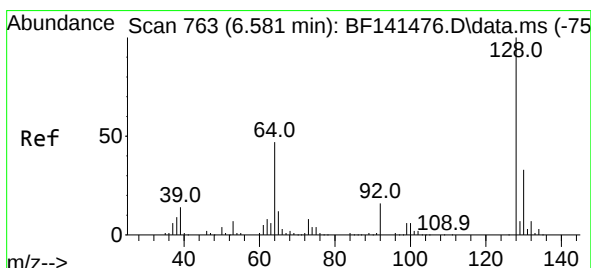
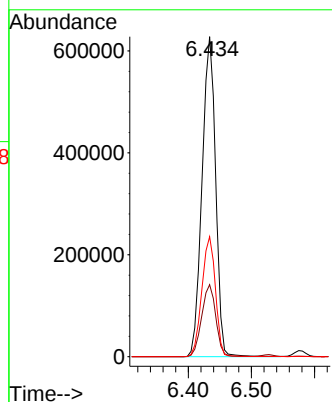
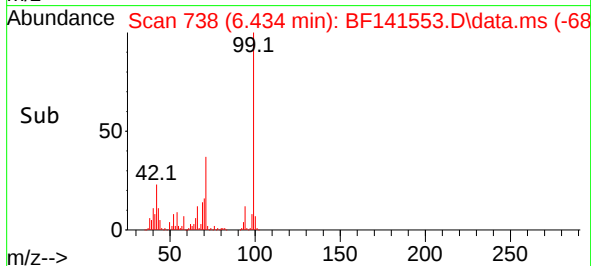
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ClientSampleId :
PB166640BS



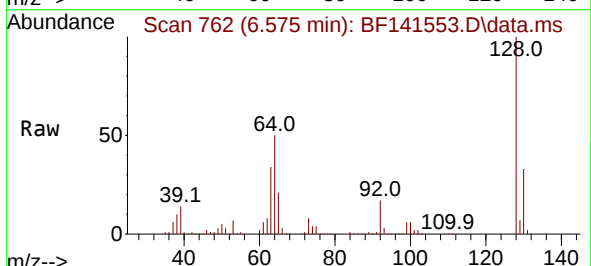
Tgt Ion: 99 Resp: 936838
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 37.5 31.1 46.7

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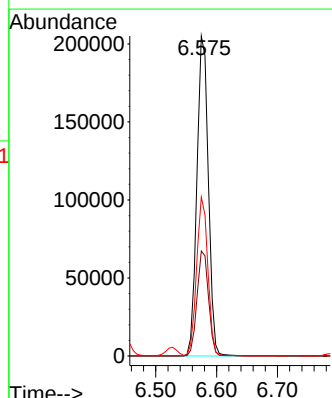
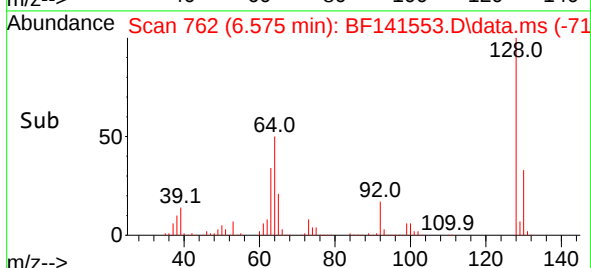
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#8
2-Chlorophenol
Concen: 39.462 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141553.D
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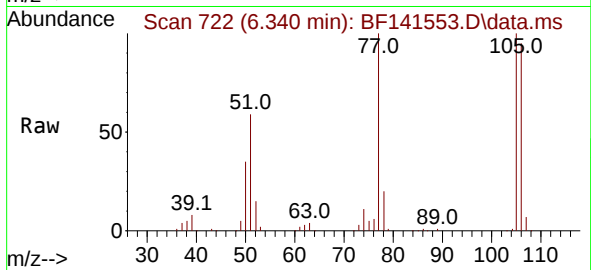
Tgt Ion:128 Resp: 267464
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.7 28.3 68.3





#9
Benzaldehyde
Concen: 39.446 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

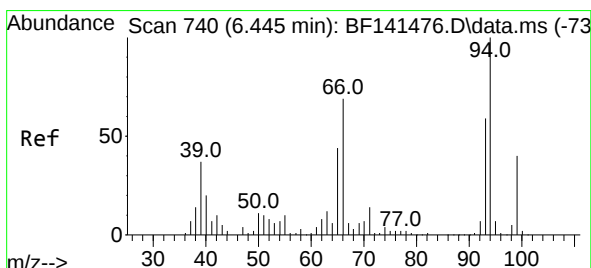
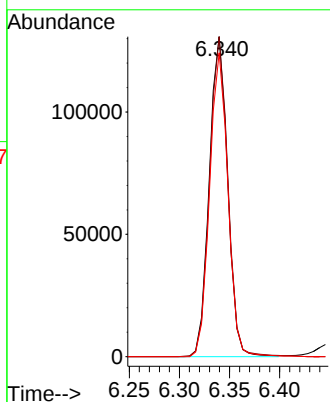
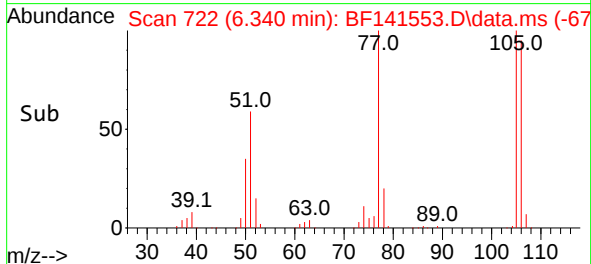
Instrument :
BNA_F
ClientSampleId :
PB166640BS



Tgt Ion: 77 Resp: 166184
Ion Ratio Lower Upper
77 100
105 100.0 79.4 119.4
106 95.0 75.1 115.1

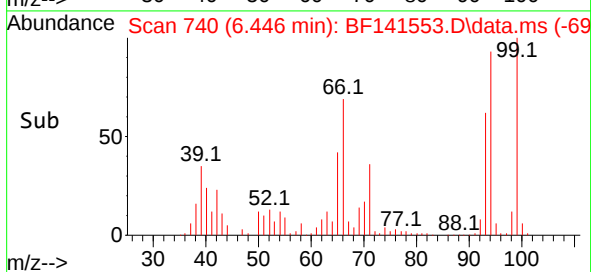
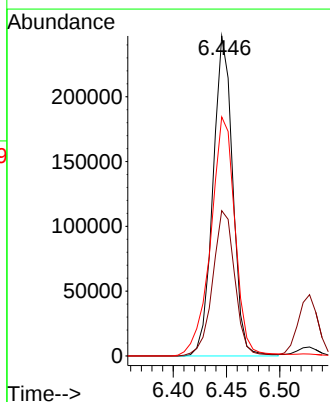
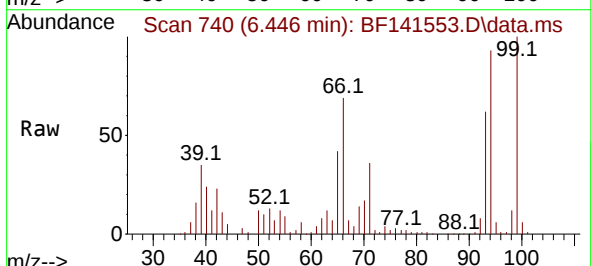
Manual Integrations
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Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 38.480 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

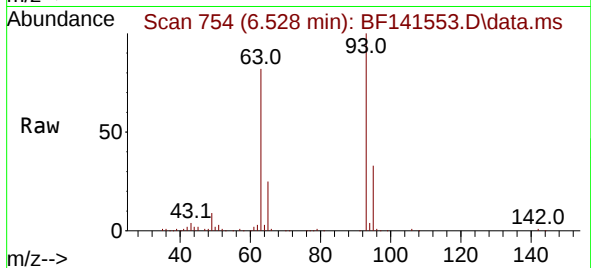
Tgt Ion: 94 Resp: 317521
Ion Ratio Lower Upper
94 100
65 45.4 23.7 63.7
66 74.7 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 39.178 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

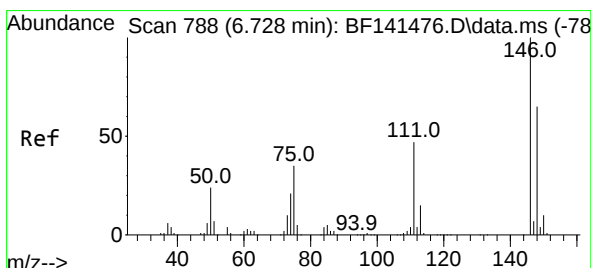
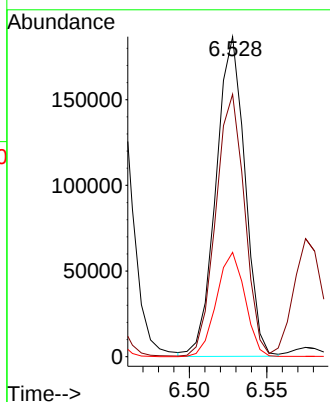
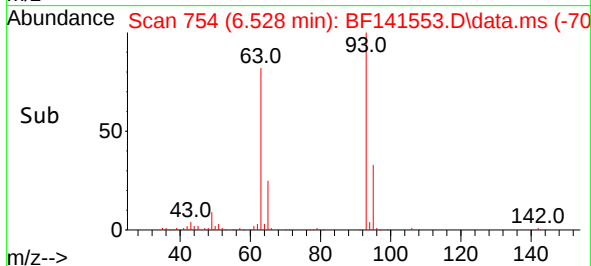
Instrument :
BNA_F
ClientSampleId :
PB166640BS



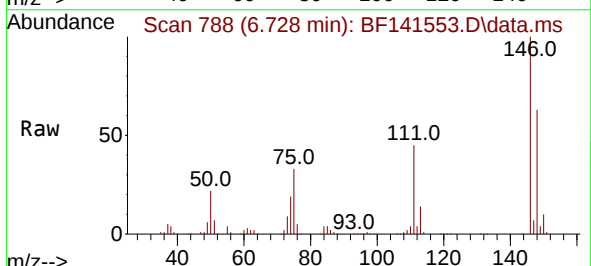
Tgt Ion: 93 Resp: 24281
Ion Ratio Lower Upper
93 100
63 82.0 62.0 102.0
95 32.6 12.6 52.6

Manual Integrations
APPROVED

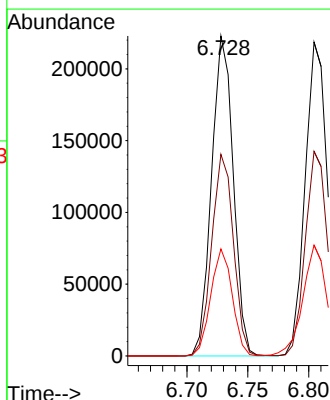
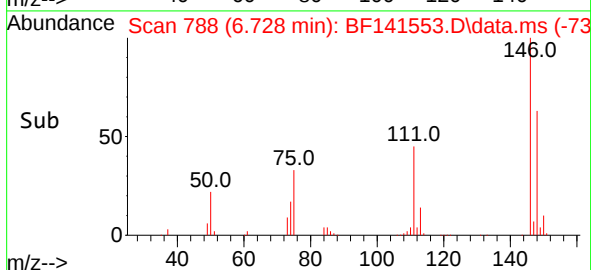
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 38.709 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:146 Resp: 276983
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
75 33.4 28.2 42.2





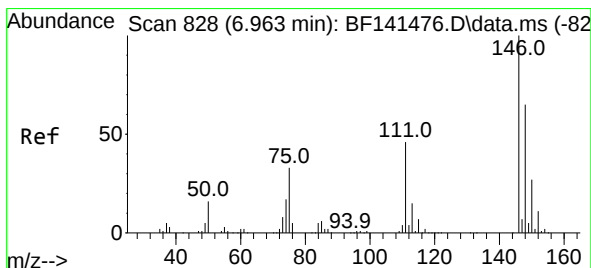
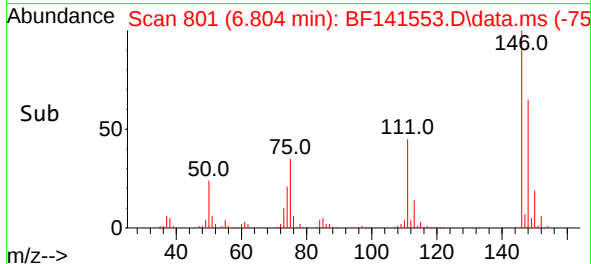
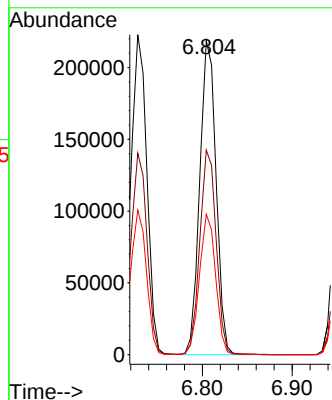
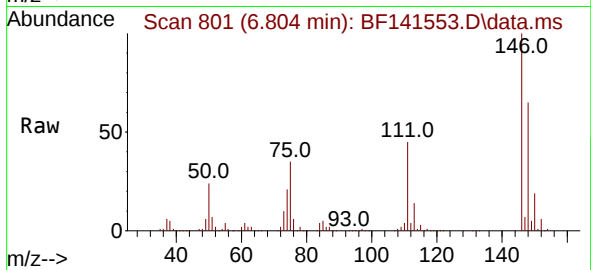
#13
1,4-Dichlorobenzene
Concen: 37.877 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion:146 Resp: 276912
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 44.8 35.9 53.9

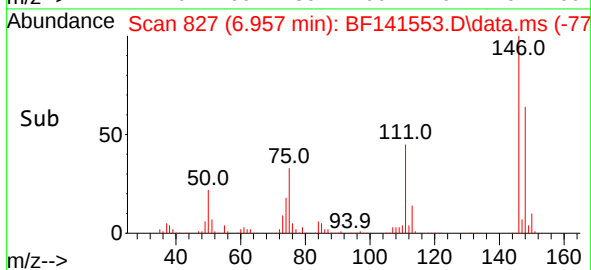
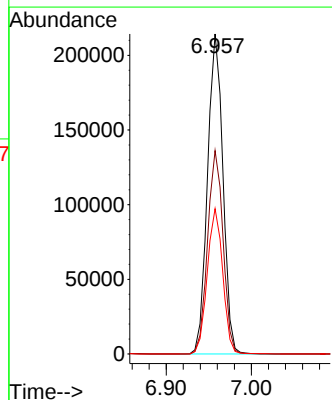
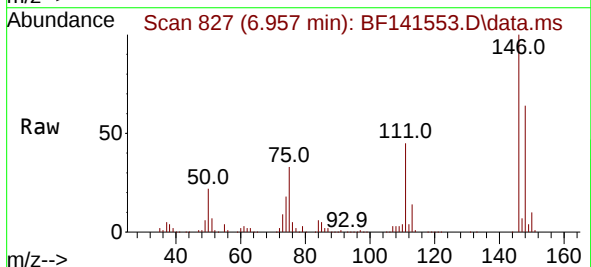
Manual Integrations
APPROVED

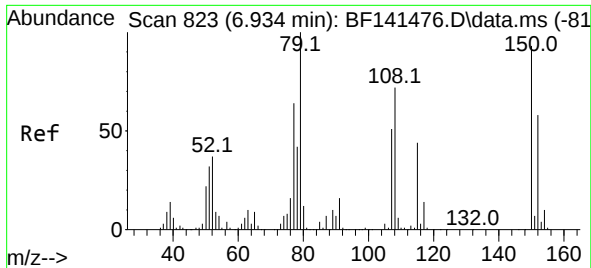
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 39.778 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:146 Resp: 269902
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 45.4 37.0 55.4





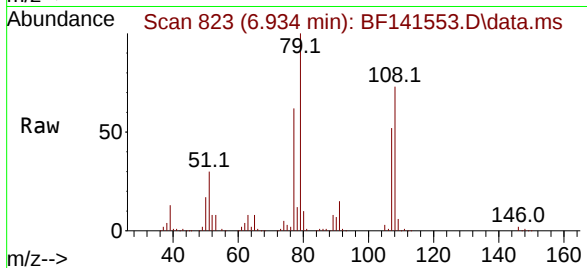
#15
Benzyl Alcohol
Concen: 39.276 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

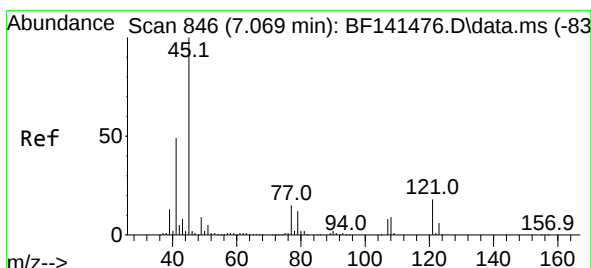
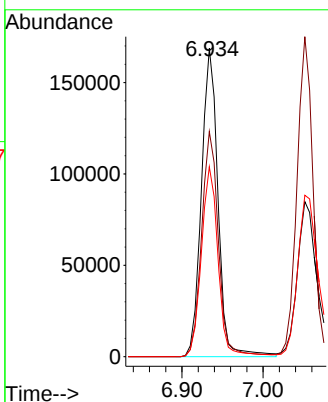
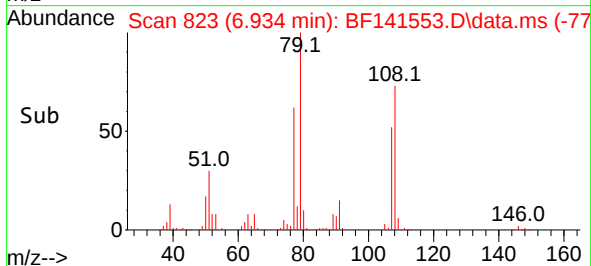
PB166640BS



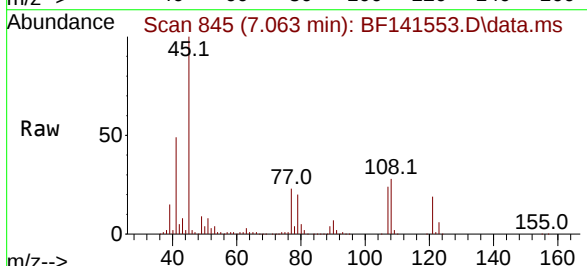
Tgt Ion: 79 Resp: 23878
Ion Ratio Lower Upper
79 100
108 73.0 57.4 86.2
77 61.6 50.9 76.3

Manual Integrations
APPROVED

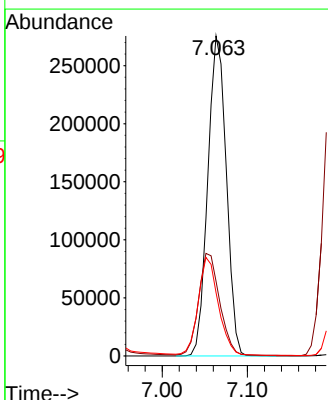
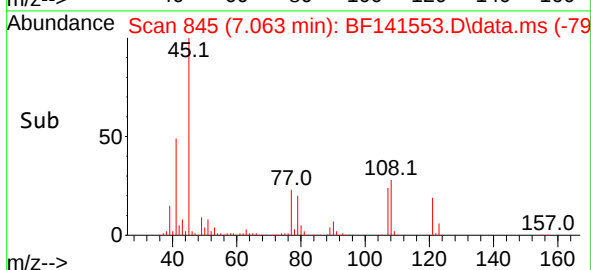
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.193 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion: 45 Resp: 415819
Ion Ratio Lower Upper
45 100
77 23.4 0.0 35.8
79 19.8 0.0 32.7





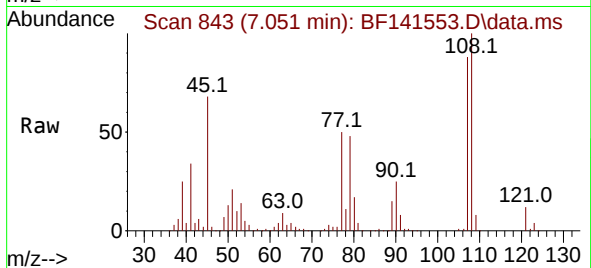
#17
2-Methylphenol
Concen: 40.317 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

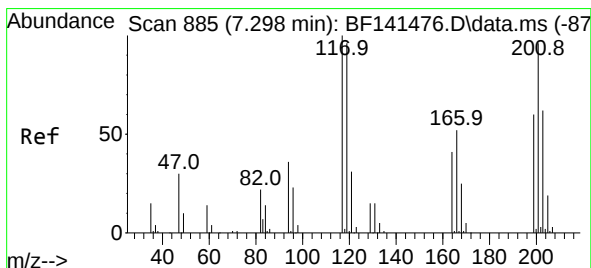
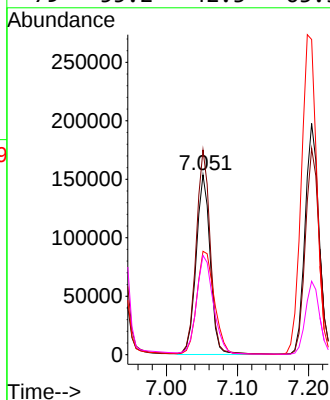
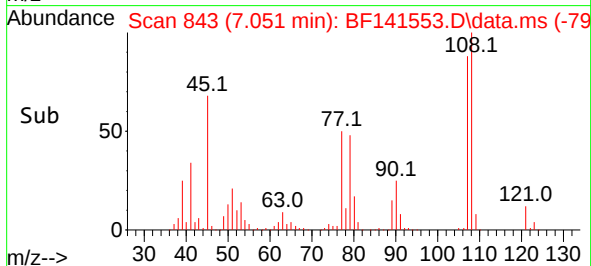


Tgt Ion:107 Resp: 213840
Ion Ratio Lower Upper
107 100
108 113.9 90.6 136.0
77 57.4 44.4 66.6
79 55.2 42.3 63.5

Manual Integrations

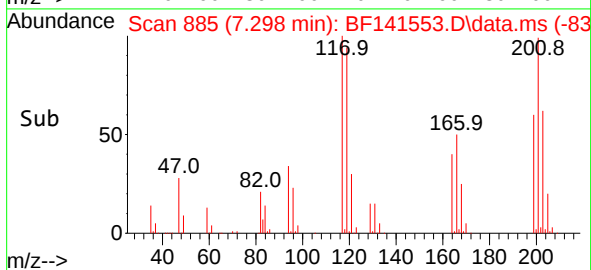
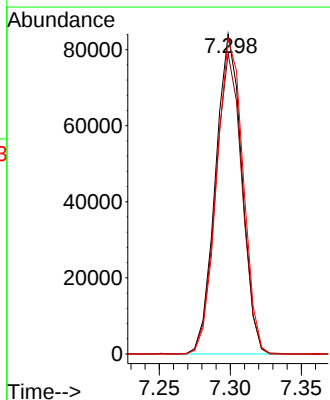
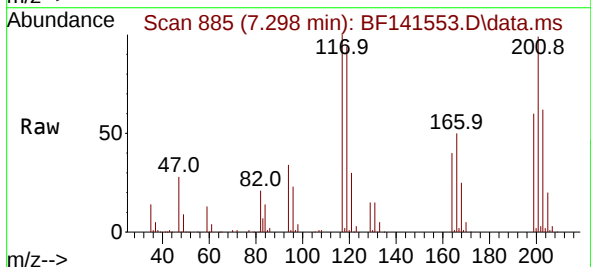
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#18
Hexachloroethane
Concen: 39.921 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

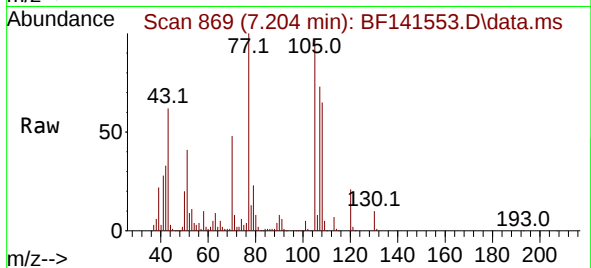
Tgt Ion:117 Resp: 108011
Ion Ratio Lower Upper
117 100
119 93.8 76.5 114.7
201 98.5 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.099 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

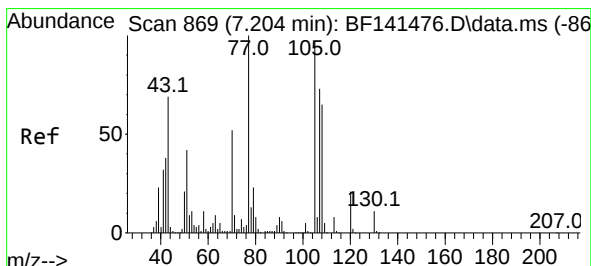
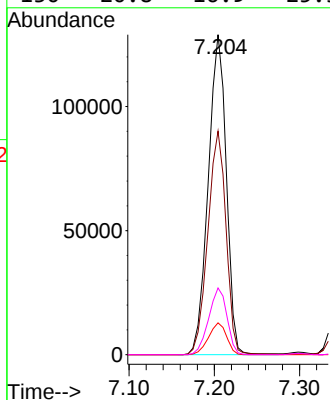
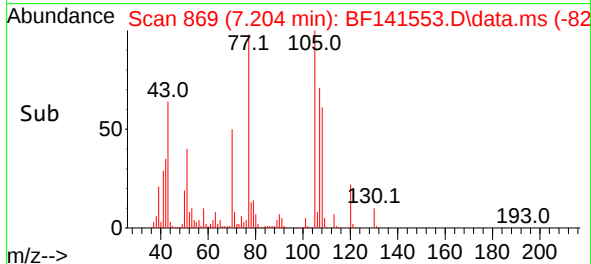
Instrument :
BNA_F
ClientSampleId :
PB166640BS



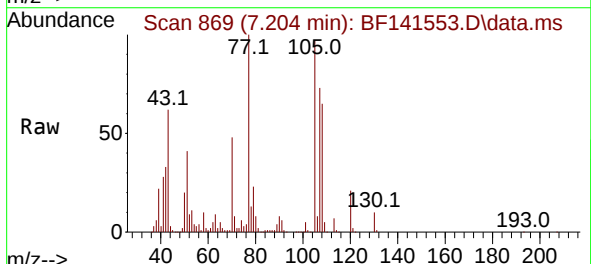
Tgt Ion: 70 Resp: 190159
Ion Ratio Lower Upper
70 100
42 69.8 57.4 86.2
101 10.0 8.0 12.0
130 20.8 16.9 25.3

Manual Integrations
APPROVED

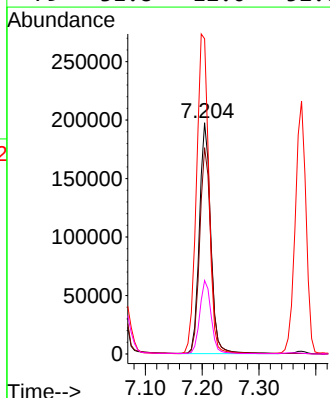
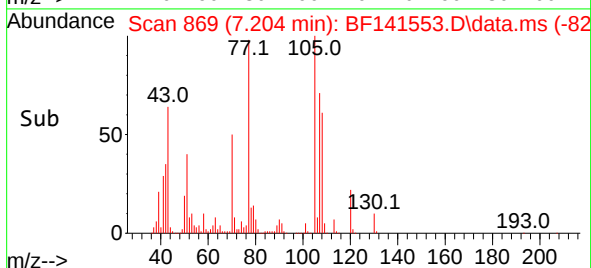
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#20
3+4-Methylphenols
Concen: 40.511 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:107 Resp: 273070
Ion Ratio Lower Upper
107 100
108 89.2 68.5 108.5
77 136.3 116.5 156.5
79 31.8 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

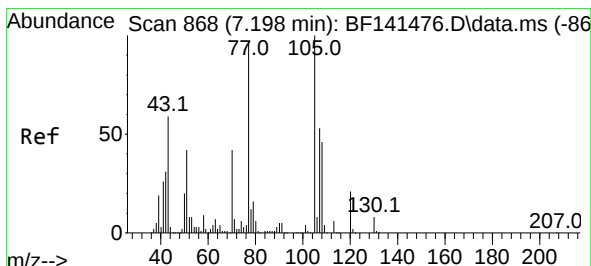
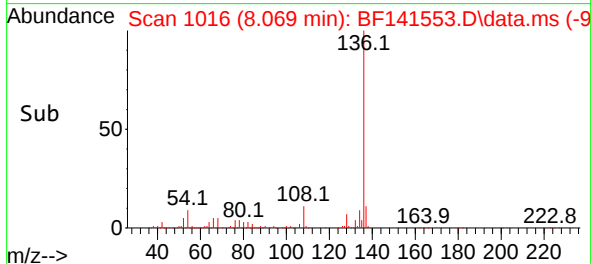
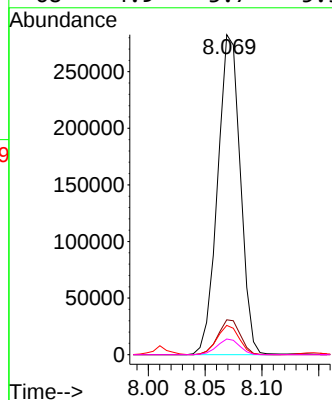
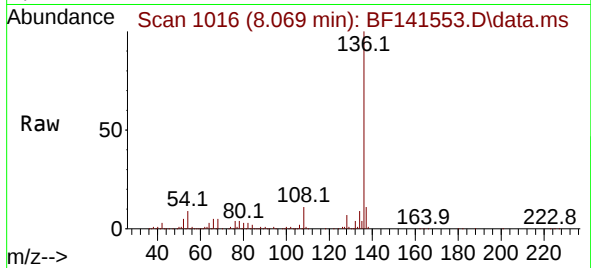
ClientSampleId :

PB166640BS

Tgt Ion:136 Resp: 39266
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.2 10.8
68 4.9 3.7 5.5

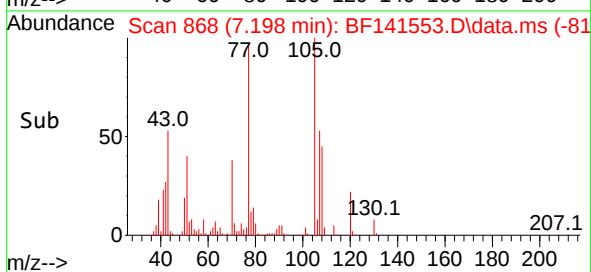
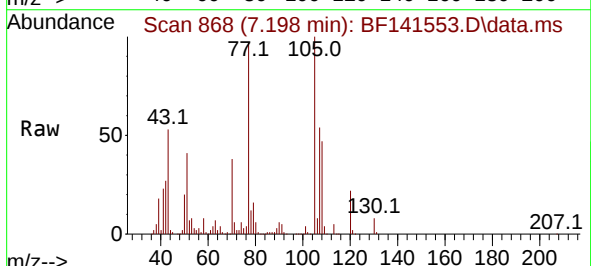
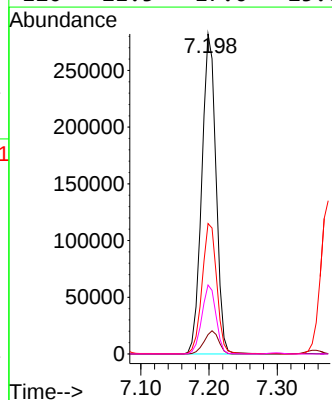
Manual Integrations
APPROVED

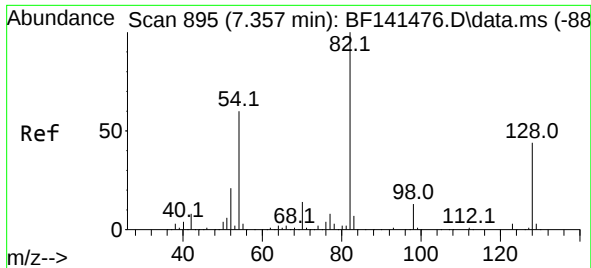
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 41.977 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:105 Resp: 410022
Ion Ratio Lower Upper
105 100
71 6.0 5.7 8.5
51 40.7 33.7 50.5
120 21.5 17.0 25.6





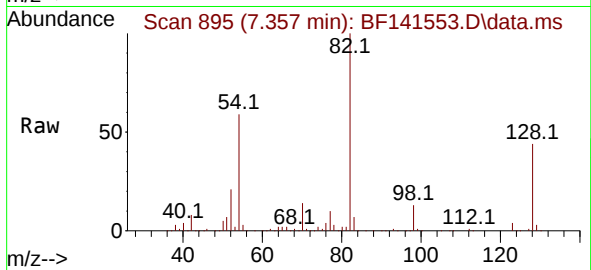
#23
Nitrobenzene-d5
Concen: 82.344 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

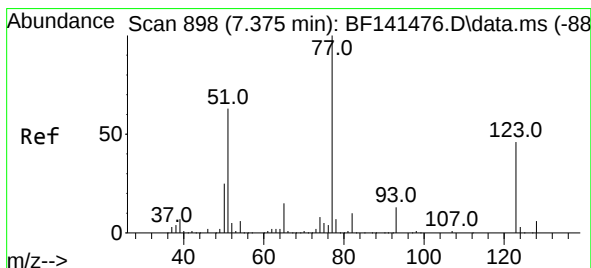
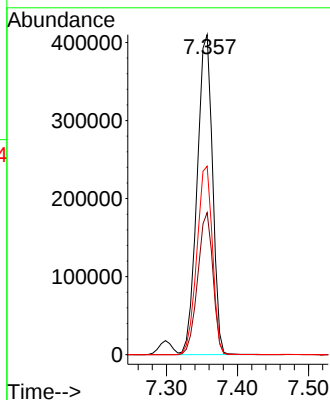
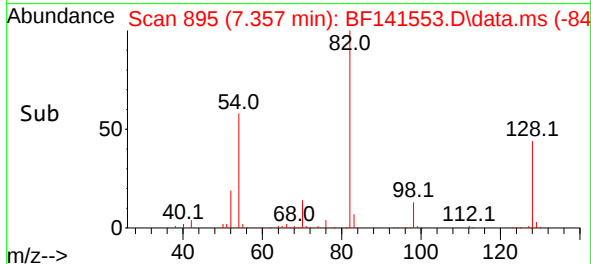


Tgt Ion: 82 Resp: 619912
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 58.9 48.2 72.4

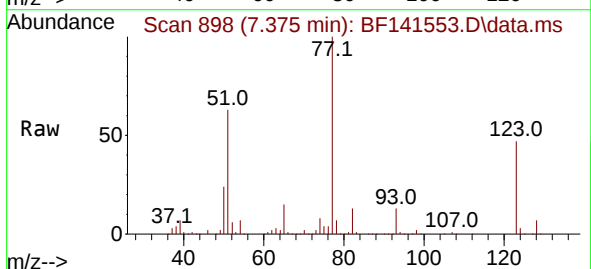
Manual Integrations

APPROVED

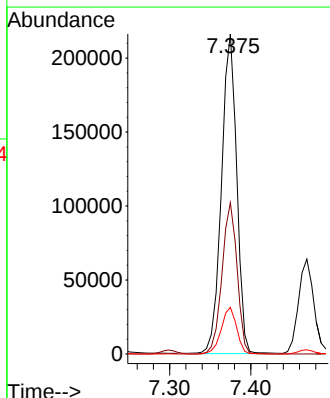
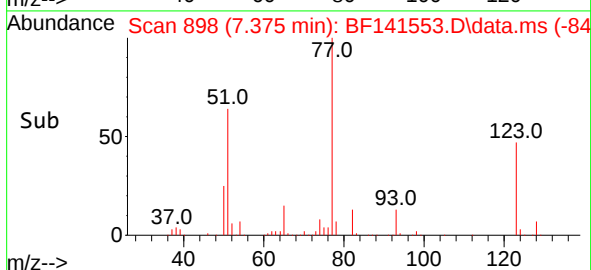
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#24
Nitrobenzene
Concen: 38.526 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion: 77 Resp: 282825
Ion Ratio Lower Upper
77 100
123 47.3 36.9 55.3
65 14.6 11.9 17.9





#25
Isophorone
Concen: 42.633 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

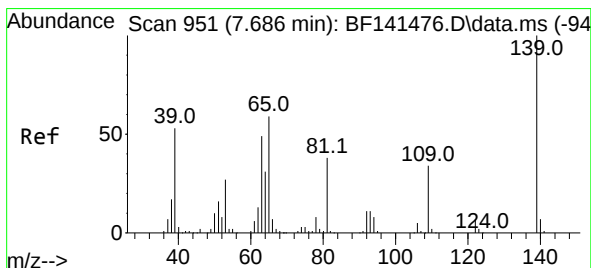
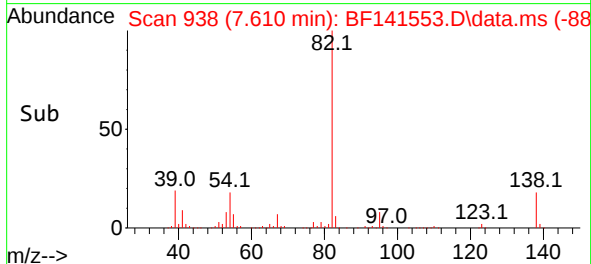
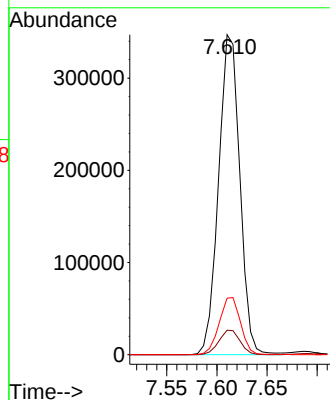
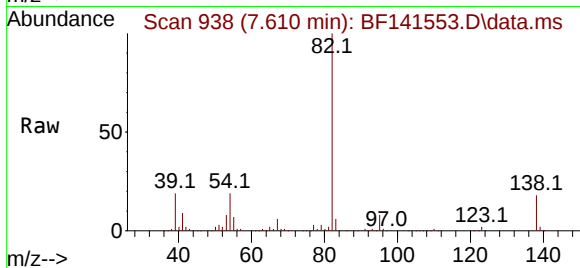
ClientSampleId :

PB166640BS

Tgt Ion: 82 Resp: 51175
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 13.9 20.9

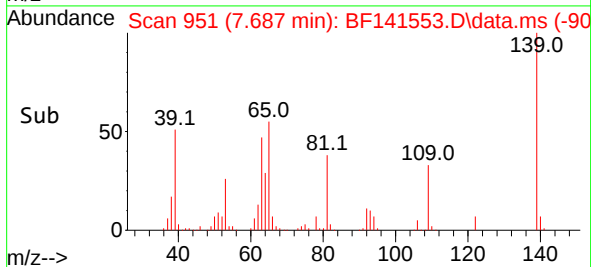
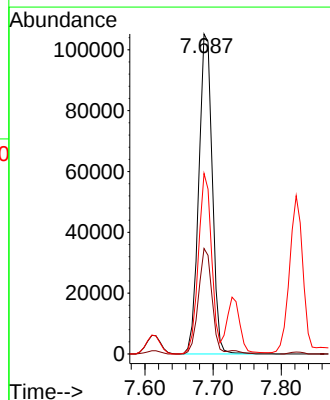
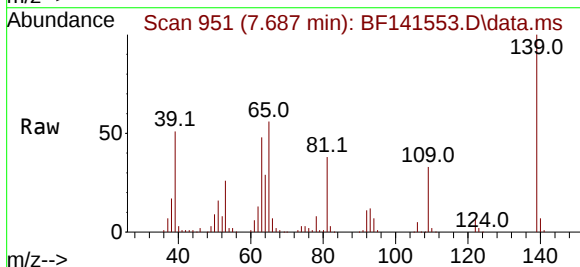
Manual Integrations
APPROVED

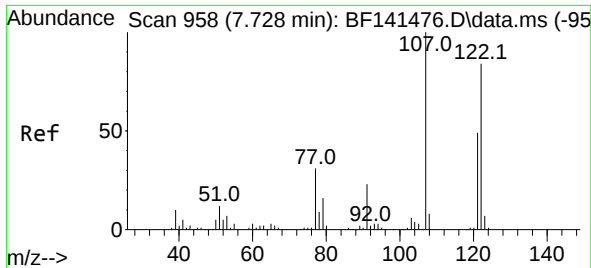
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 39.744 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:139 Resp: 145158
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 56.4 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 51.264 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

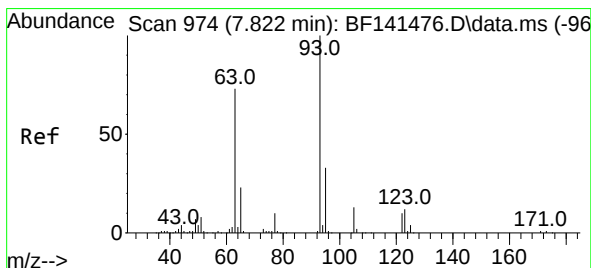
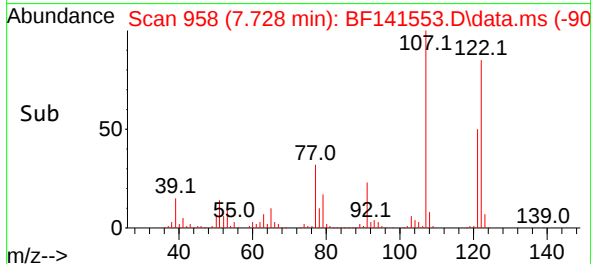
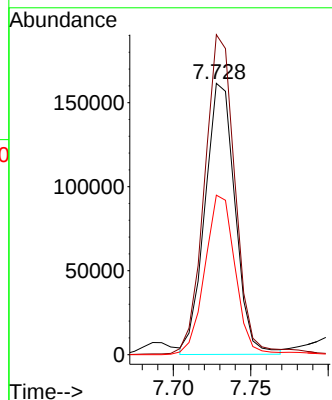
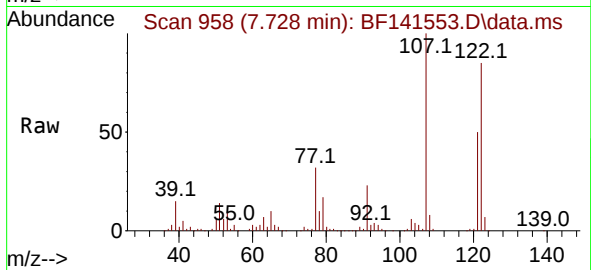
PB166640BS

Tgt Ion:122 Resp: 218728
Ion Ratio Lower Upper
122 100
107 118.0 94.3 141.5
121 58.8 46.0 69.0

Manual Integrations

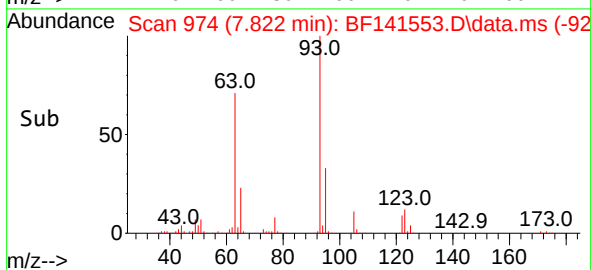
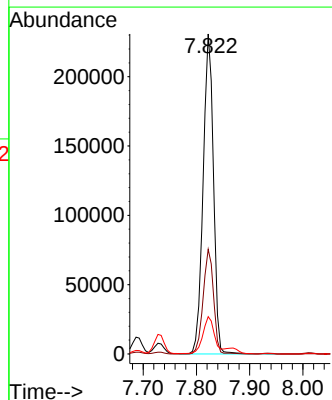
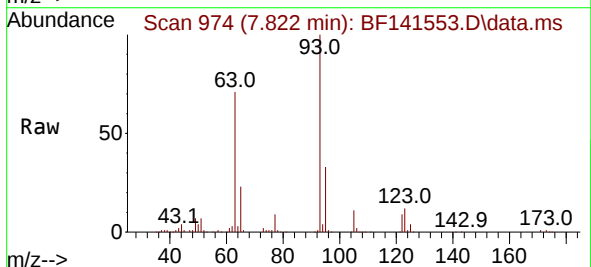
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 40.502 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion: 93 Resp: 311535
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.930 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

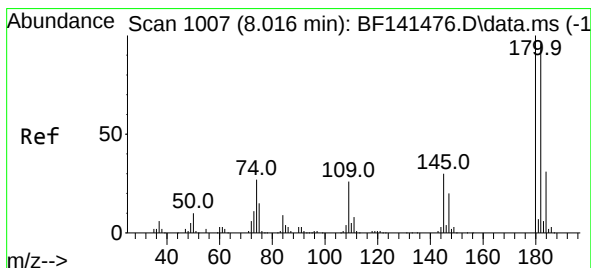
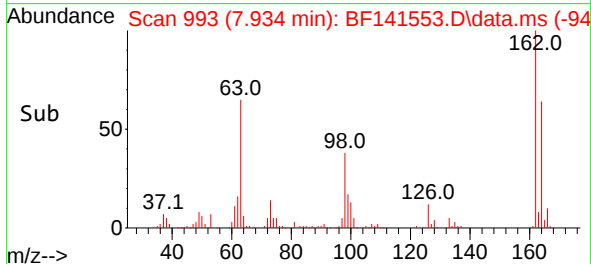
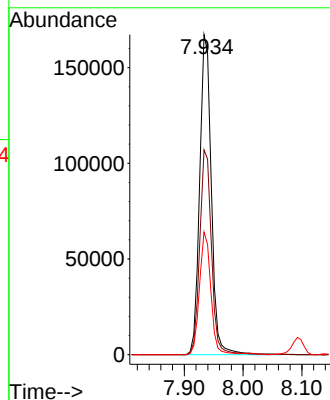
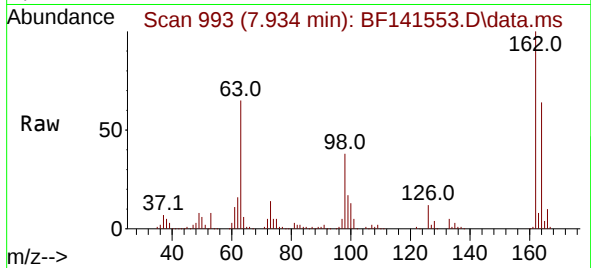
PB166640BS

Tgt Ion:162	Resp: 230194
Ion Ratio	Lower Upper
162 100	
164 64.0	44.6 84.6
98 38.4	17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.540 ng

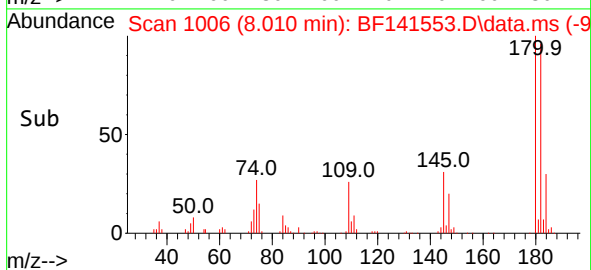
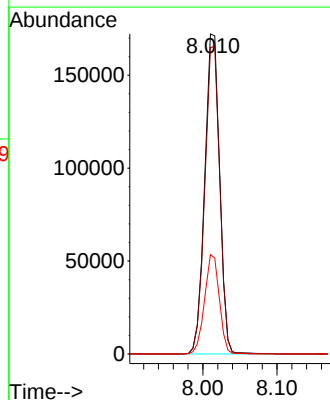
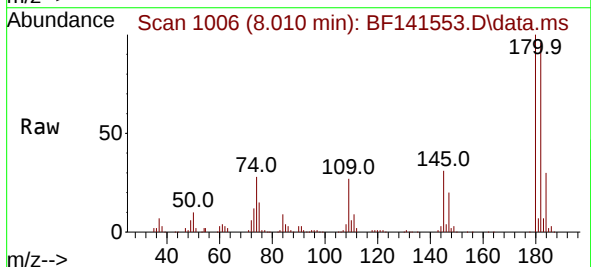
RT: 8.010 min Scan# 1006

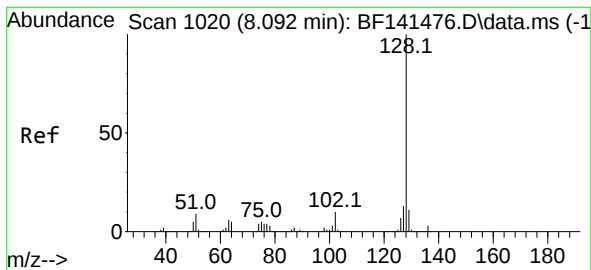
Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Tgt Ion:180	Resp: 241949
Ion Ratio	Lower Upper
180 100	
182 95.8	76.8 115.2
145 31.0	24.2 36.4





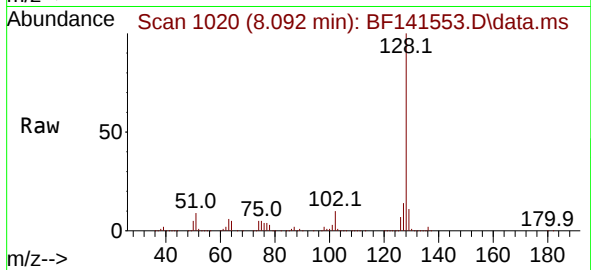
#31
Naphthalene
Concen: 38.175 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

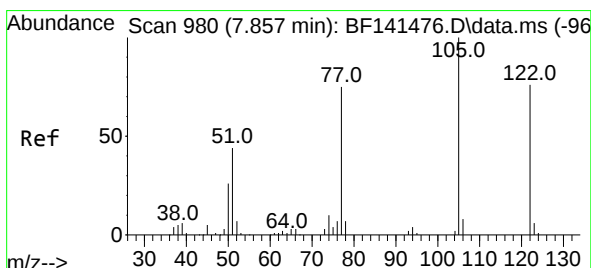
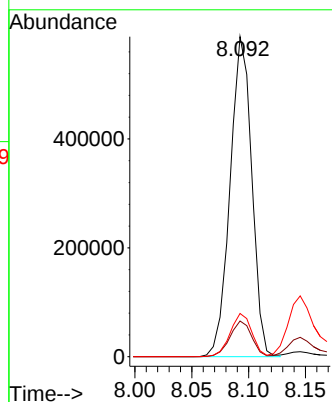
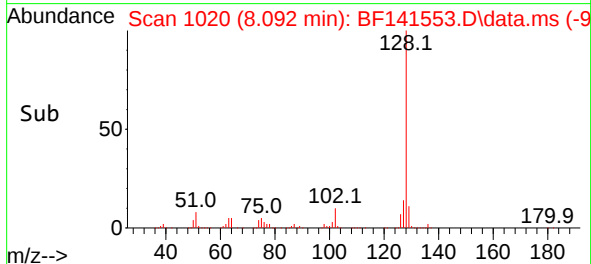


Tgt Ion:128 Resp: 780285
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

Manual Integrations

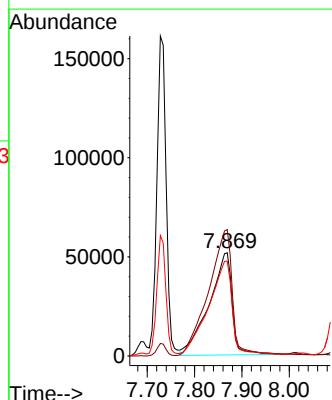
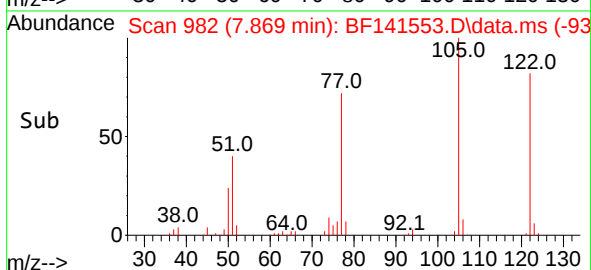
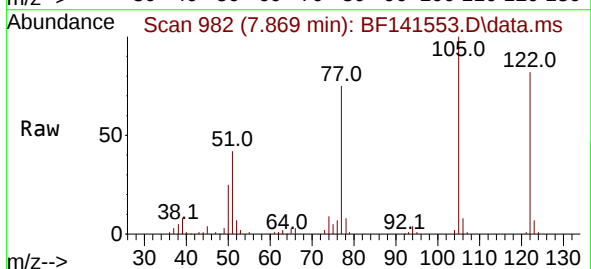
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#32
Benzoic acid
Concen: 39.461 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:122 Resp: 174885
Ion Ratio Lower Upper
122 100
105 122.4 106.5 146.5
77 91.9 76.3 116.3





#33

4-Chloroaniline

Concen: 27.848 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

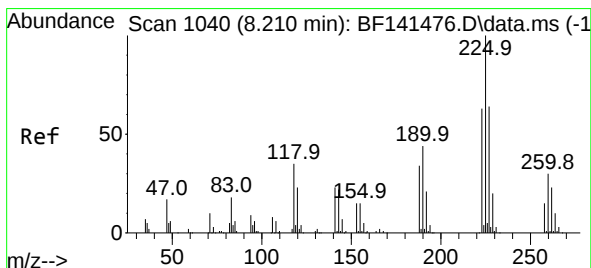
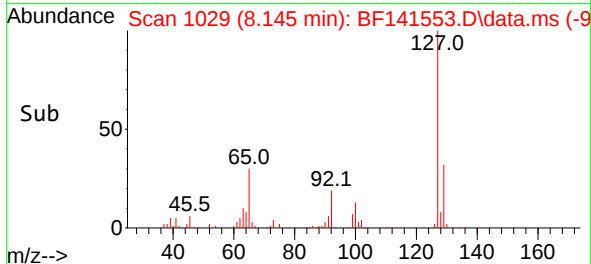
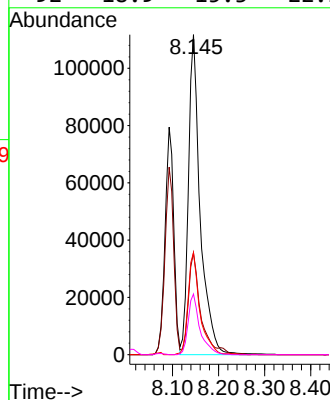
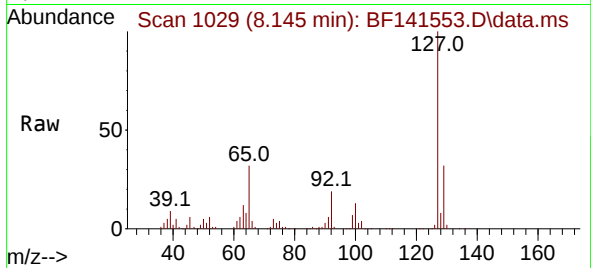
PB166640BS

Tgt Ion:	127	Resp:	198728
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.5	39.7
65	31.9	26.4	39.6
92	18.9	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#34

Hexachlorobutadiene

Concen: 40.261 ng

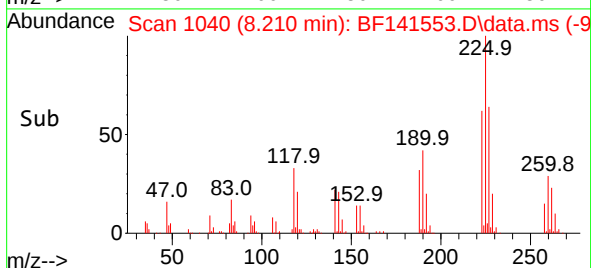
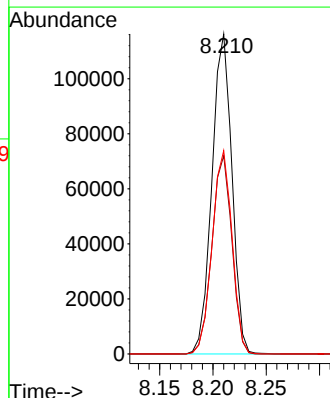
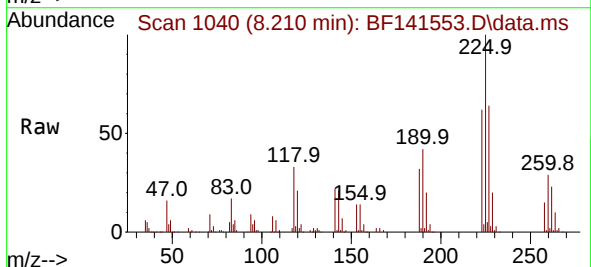
RT: 8.210 min Scan# 1040

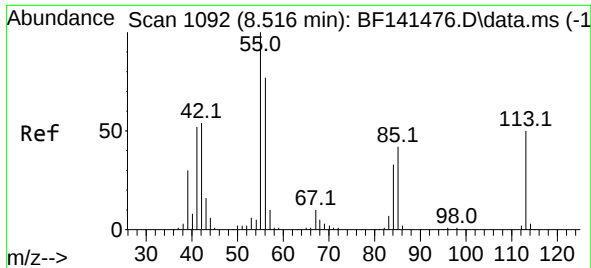
Delta R.T. 0.000 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Tgt Ion:	225	Resp:	151737
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.1	75.1
227	63.6	51.0	76.6





#35
Caprolactam
Concen: 46.988 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

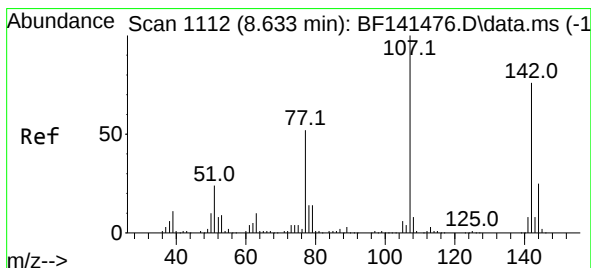
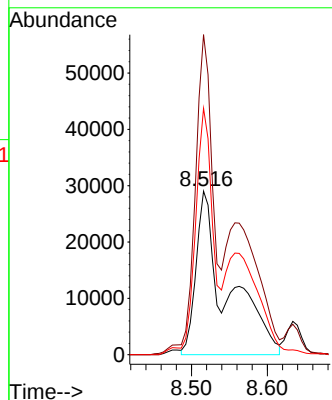
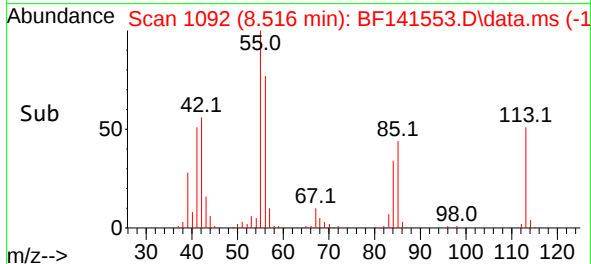
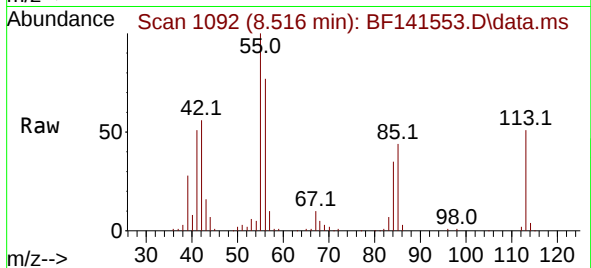
ClientSampleId :

PB166640BS

Tgt Ion:113 Resp: 82470
Ion Ratio Lower Upper
113 100
55 195.7 180.8 220.8
56 150.7 133.6 173.6

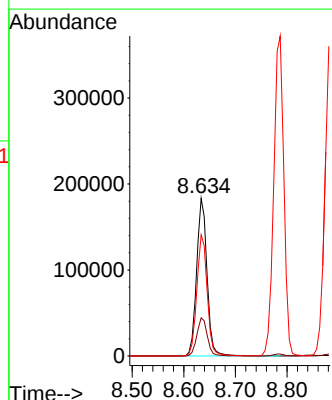
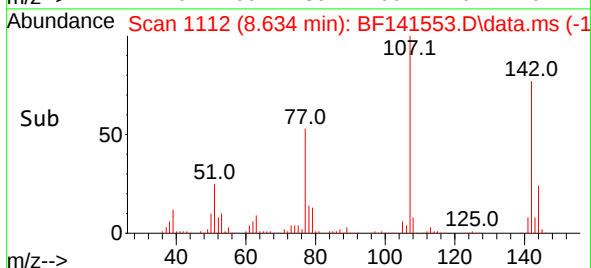
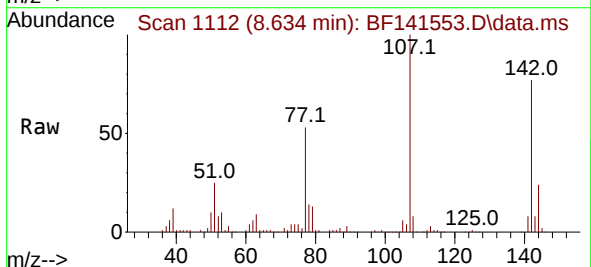
Manual Integrations
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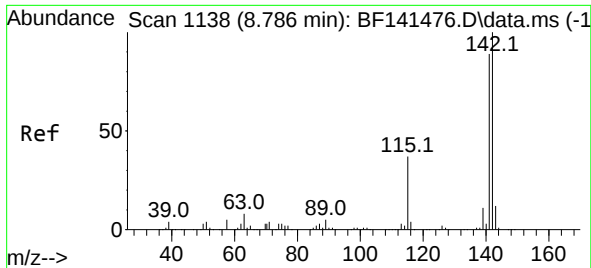
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 40.108 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:107 Resp: 256122
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 76.9 60.8 91.2





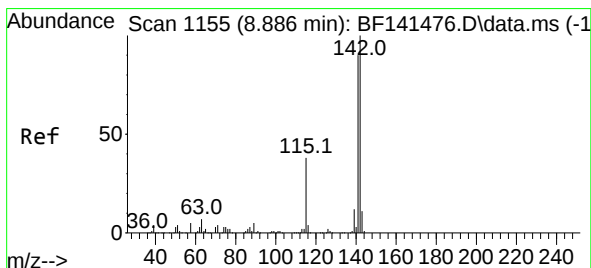
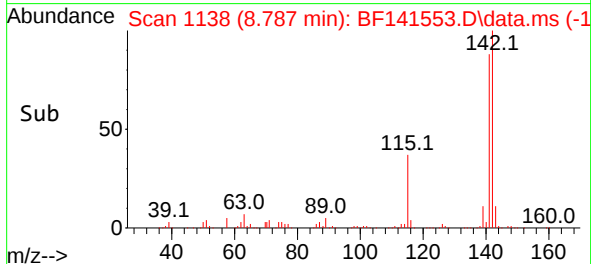
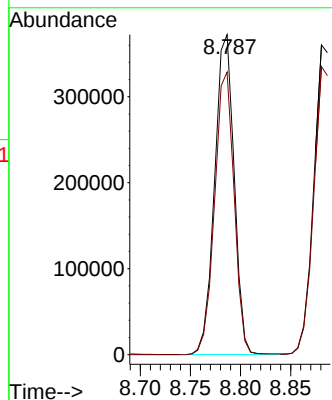
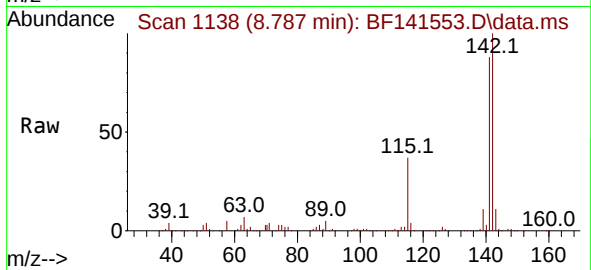
#37
2-Methylnaphthalene
Concen: 37.795 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion:142 Resp: 50269
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

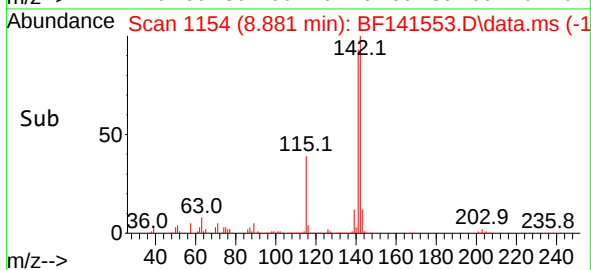
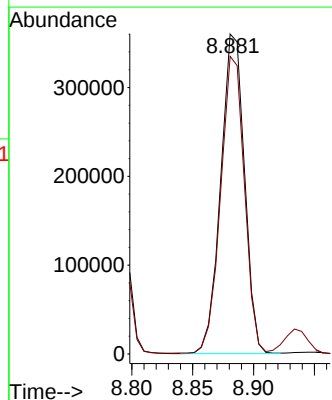
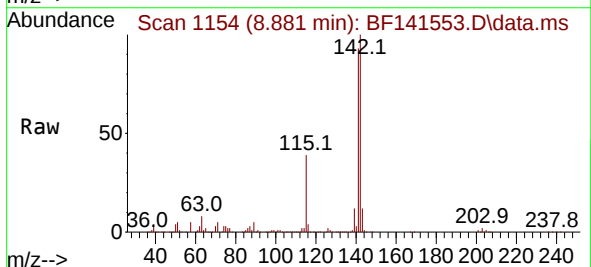
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 37.935 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:142 Resp: 488688
Ion Ratio Lower Upper
142 100
141 93.0 72.1 108.1





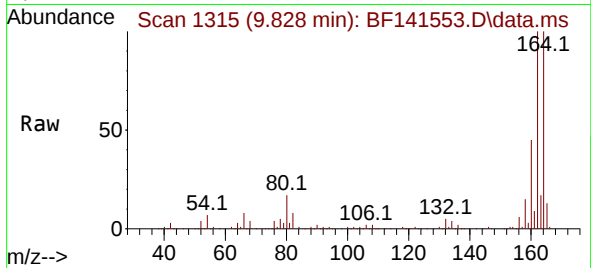
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

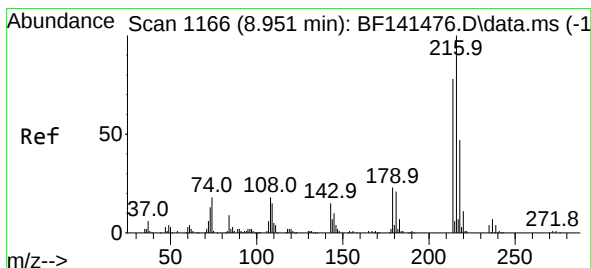
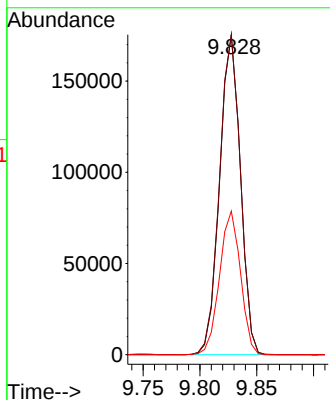
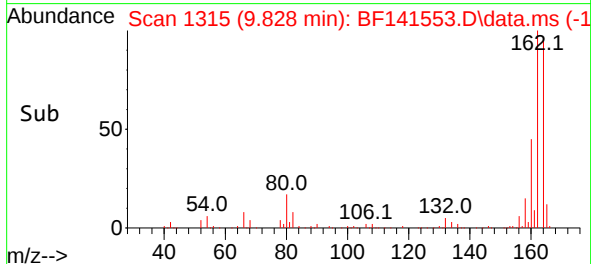


Tgt Ion:164 Resp: 222790
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.9 35.9 53.9

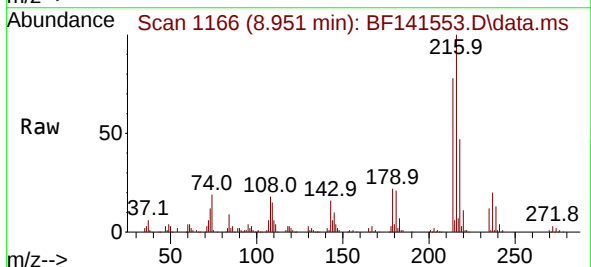
Manual Integrations

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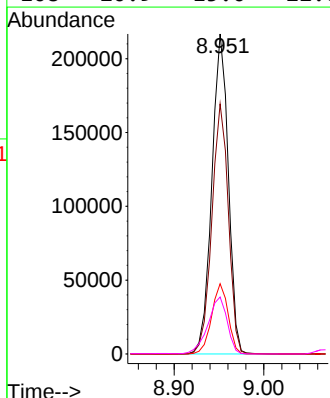
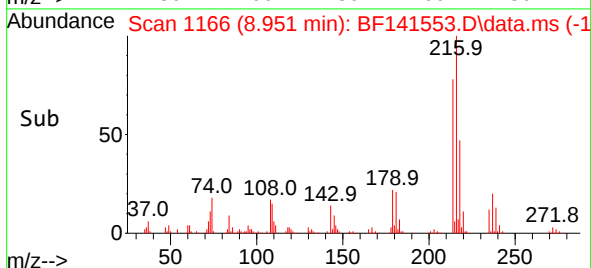
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.844 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



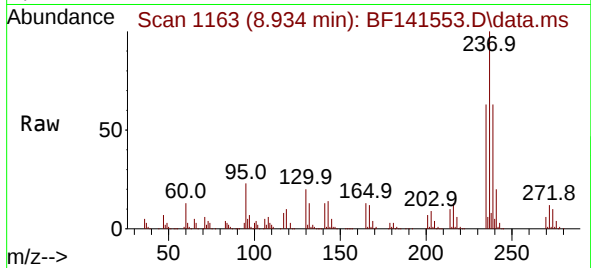
Tgt Ion:216 Resp: 276152
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.9 18.0 27.0
108 20.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 137.668 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

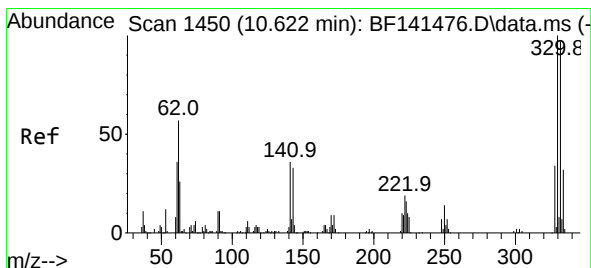
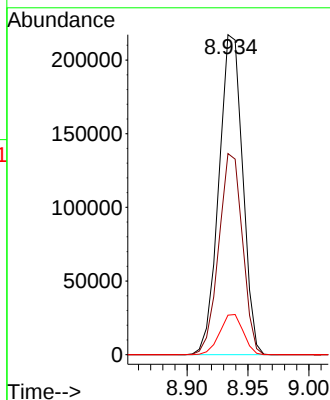
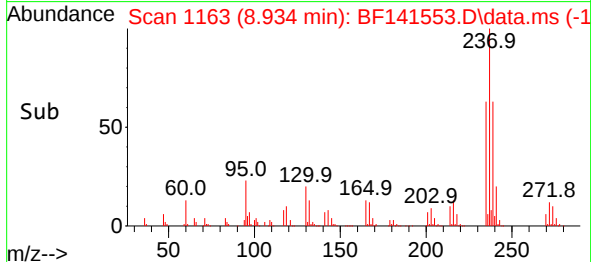
Instrument :
BNA_F
ClientSampleId :
PB166640BS



Tgt Ion:237 Resp: 29514
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.3 0.0 32.4

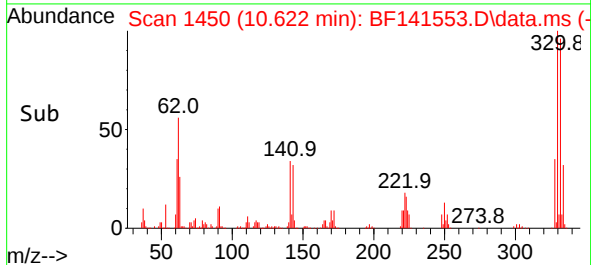
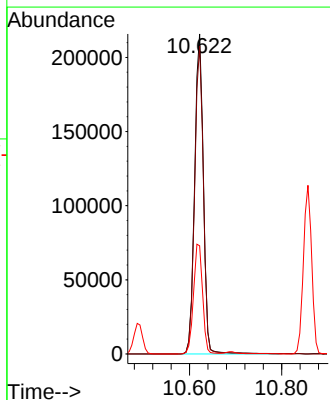
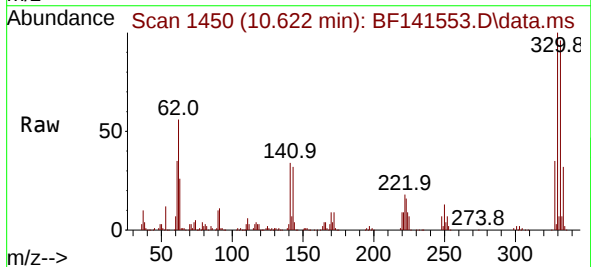
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#42
2,4,6-Tribromophenol
Concen: 127.080 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:330 Resp: 284408
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 35.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.456 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

Tgt Ion:196 Resp: 164369

Ion Ratio Lower Upper

196 100

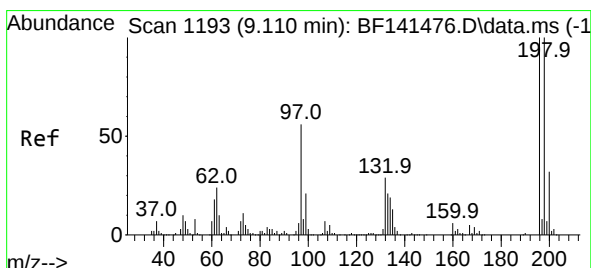
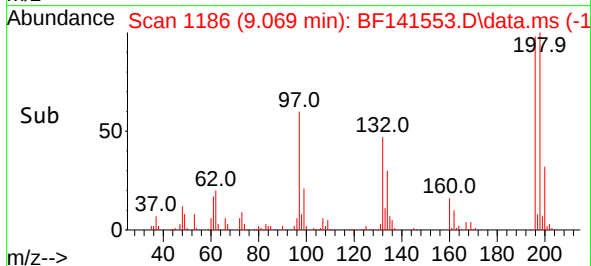
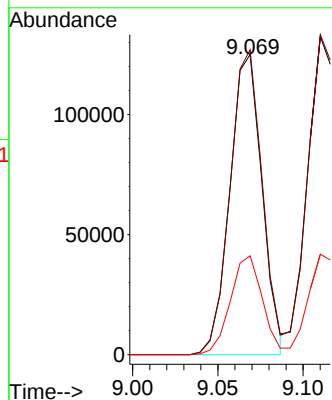
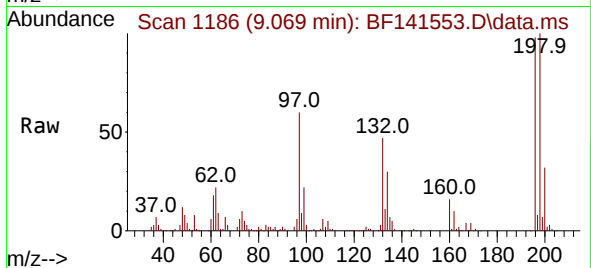
198 101.6 80.6 121.0

200 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#44

2,4,5-Trichlorophenol

Concen: 39.689 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Tgt Ion:196 Resp: 179191

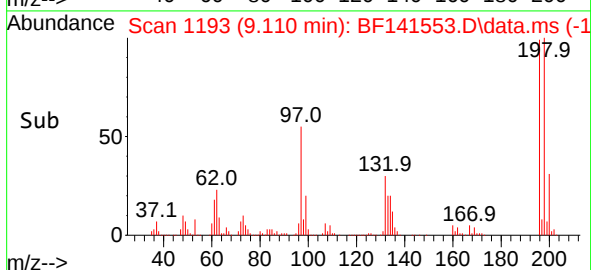
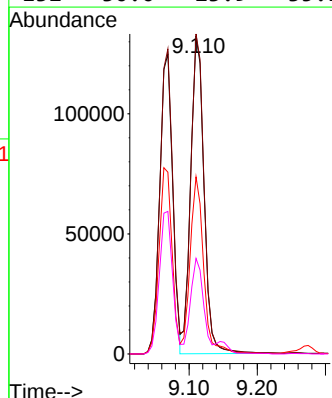
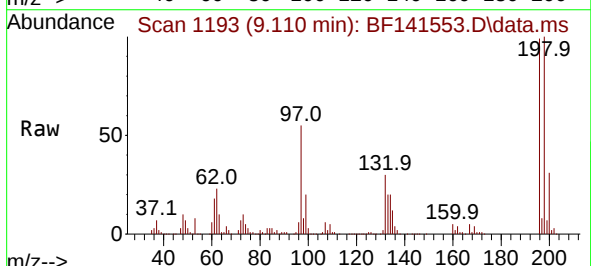
Ion Ratio Lower Upper

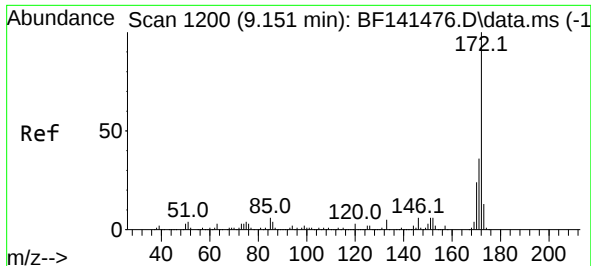
196 100

198 100.6 79.8 119.8

97 55.7 44.8 67.2

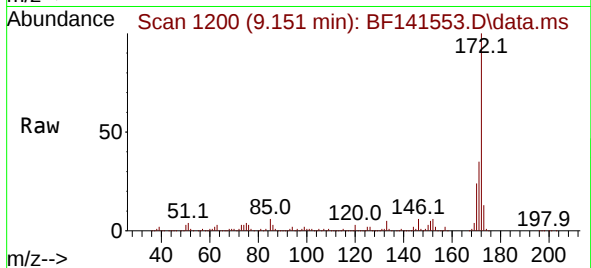
132 30.0 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 83.955 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

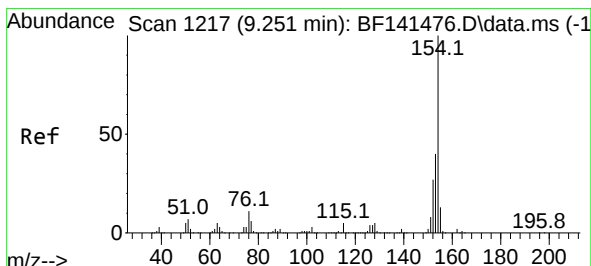
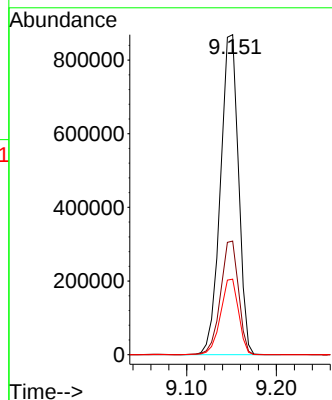
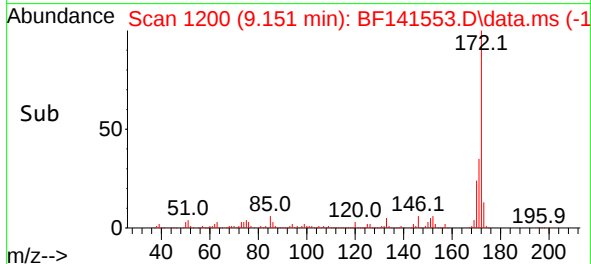
Instrument :
BNA_F
ClientSampleId :
PB166640BS



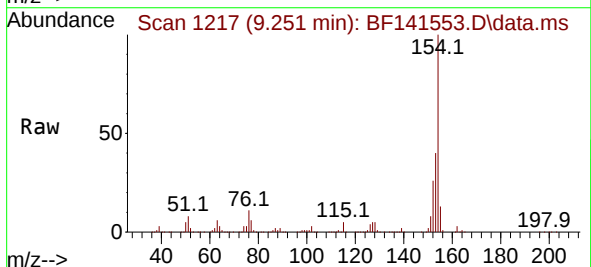
Tgt Ion:172 Resp: 121406
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3

Manual Integrations
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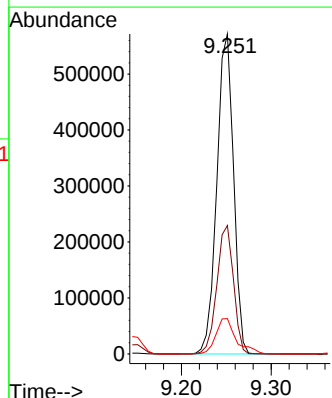
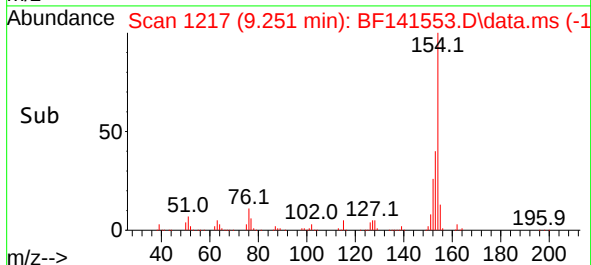
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

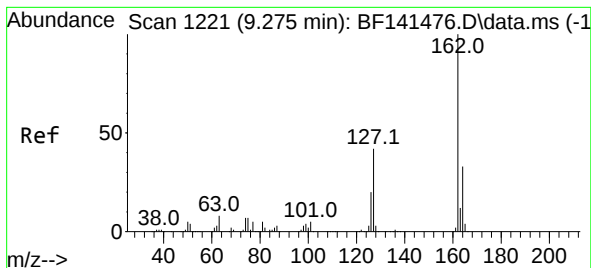


#46
1,1'-Biphenyl
Concen: 42.683 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:154 Resp: 737237
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.0 0.0 30.8





#47

2-Chloronaphthalene

Concen: 38.912 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

Tgt Ion:162 Resp: 497000

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

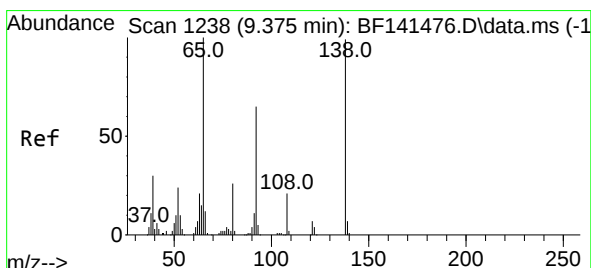
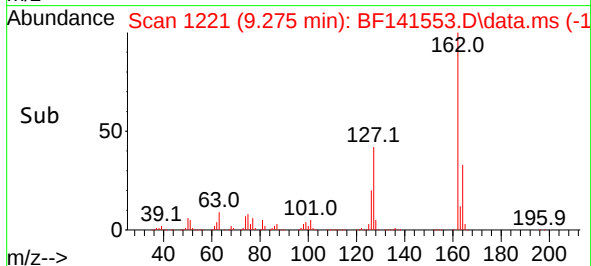
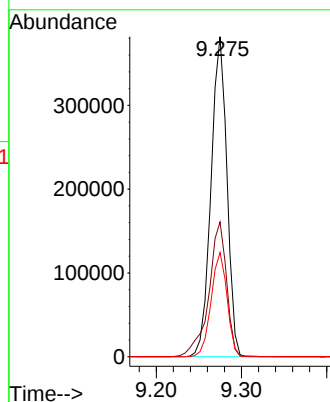
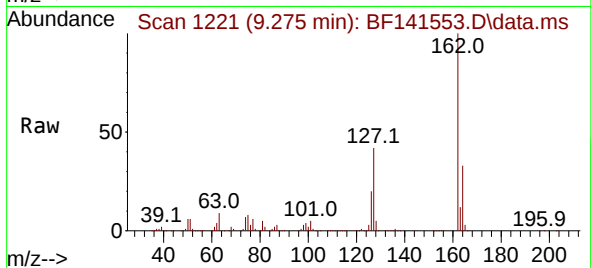
164 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025

Supervised By :mohammad ahmed 02/12/2025



#48

2-Nitroaniline

Concen: 40.123 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

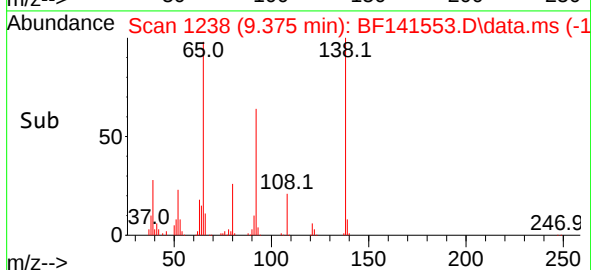
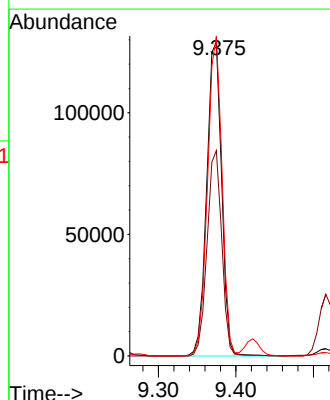
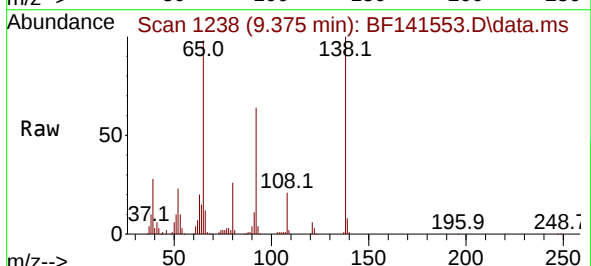
Tgt Ion: 65 Resp: 171986

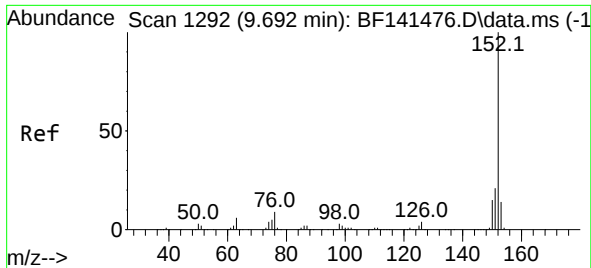
Ion Ratio Lower Upper

65 100

92 65.4 52.2 78.2

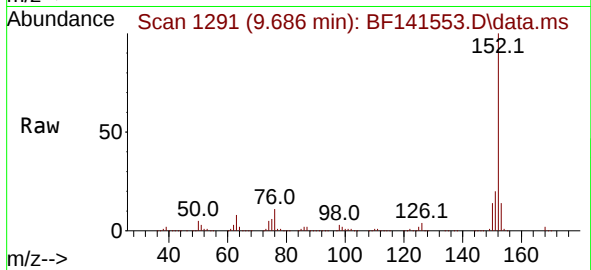
138 102.0 79.5 119.3





#49
Acenaphthylene
Concen: 40.897 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

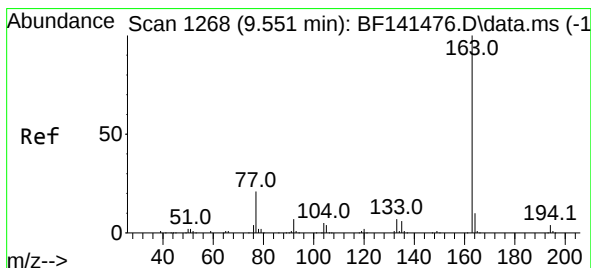
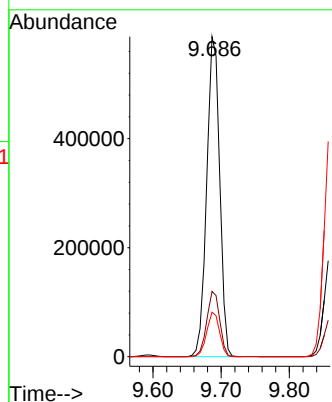
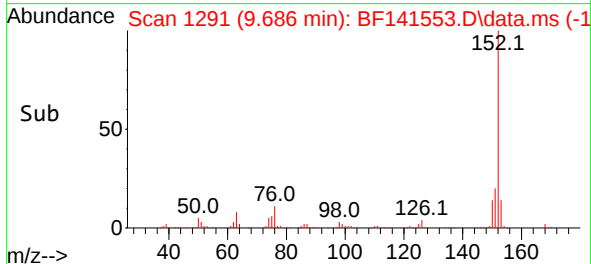
Instrument :
BNA_F
ClientSampleId :
PB166640BS



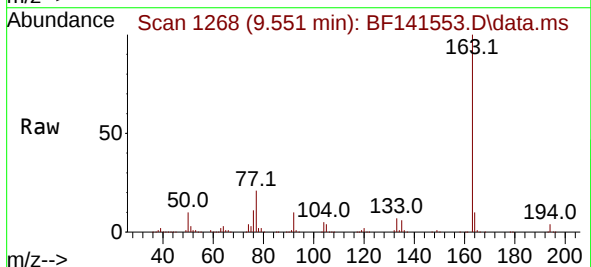
Tgt Ion:152 Resp: 776939
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
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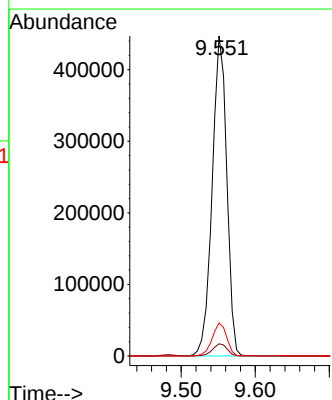
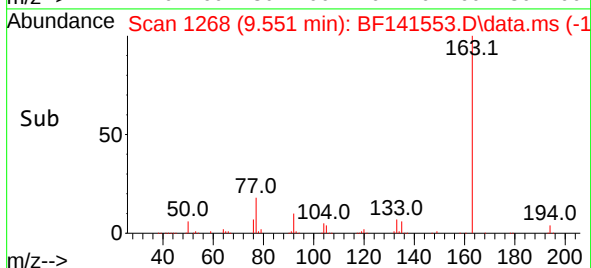
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

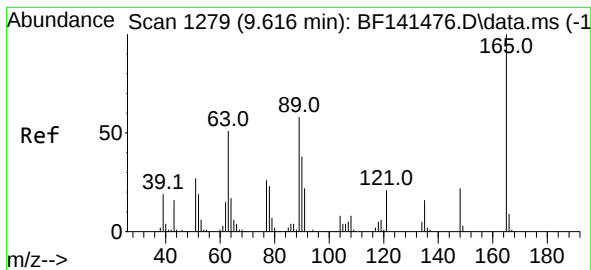


#50
Dimethylphthalate
Concen: 40.367 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:163 Resp: 610541
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 7.9 11.9





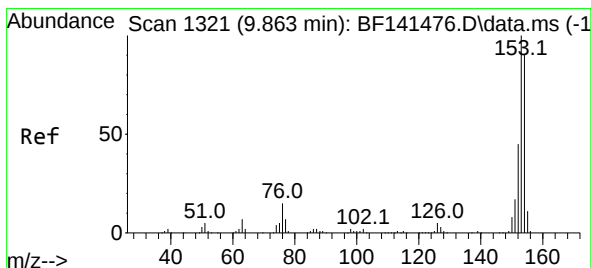
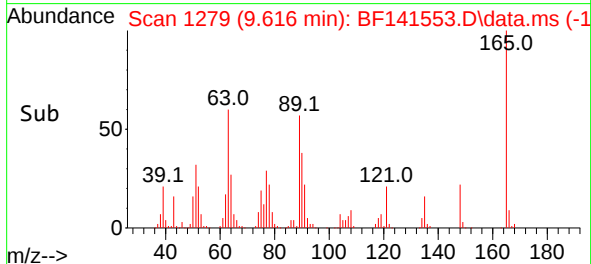
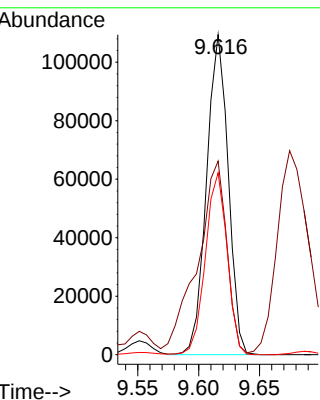
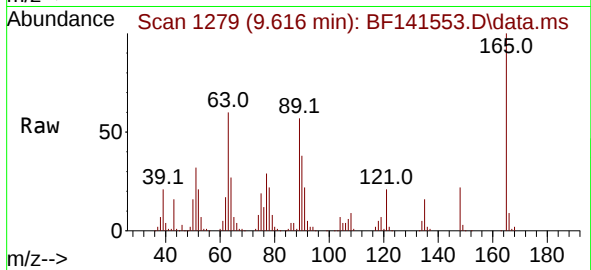
#51
2,6-Dinitrotoluene
Concen: 40.936 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion:165 Resp: 135349
Ion Ratio Lower Upper
165 100
63 60.5 49.4 74.0
89 56.8 46.5 69.7

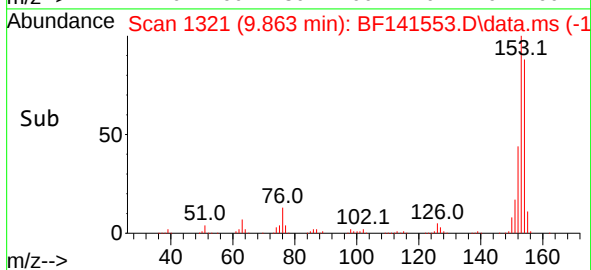
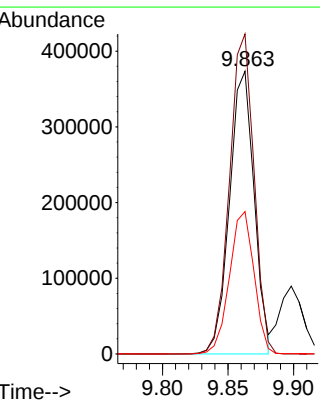
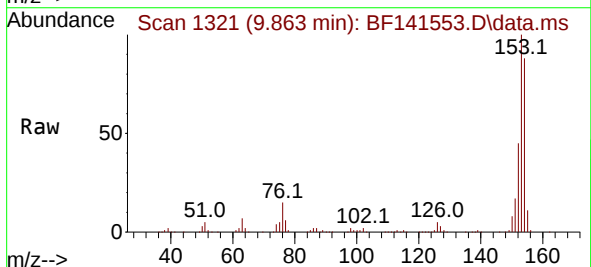
Manual Integrations
APPROVED

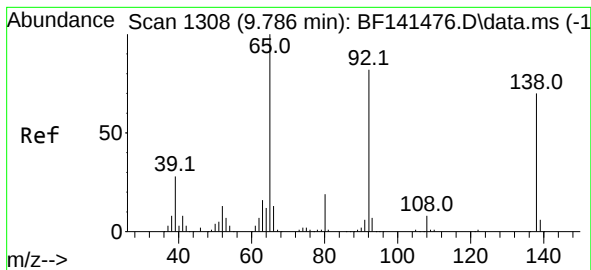
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#52
Acenaphthene
Concen: 38.333 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:154 Resp: 489581
Ion Ratio Lower Upper
154 100
153 113.2 89.2 133.8
152 50.4 39.8 59.8





#53
3-Nitroaniline
Concen: 27.019 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

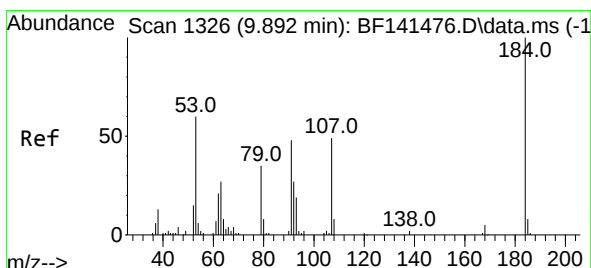
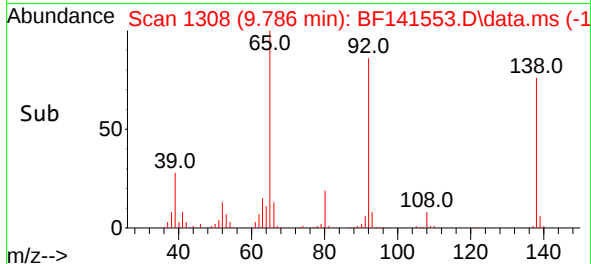
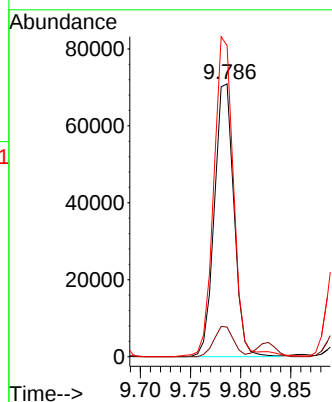
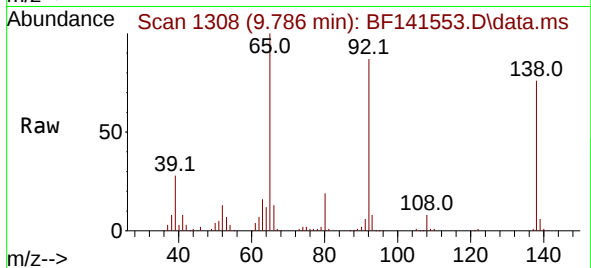
ClientSampleId :

PB166640BS

Tgt Ion:138 Resp: 96150
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 114.0 93.7 140.5

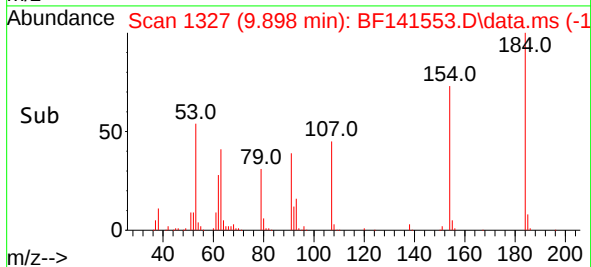
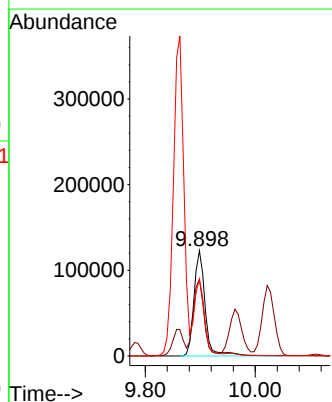
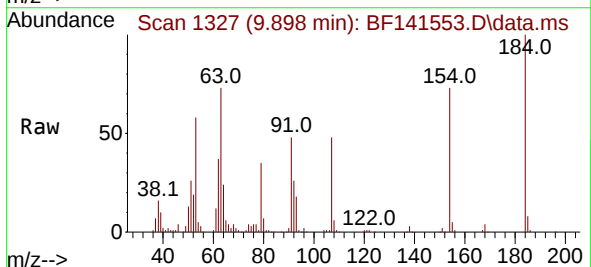
Manual Integrations
APPROVED

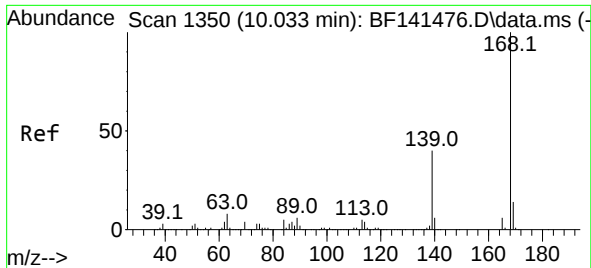
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#54
2,4-Dinitrophenol
Concen: 89.474 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

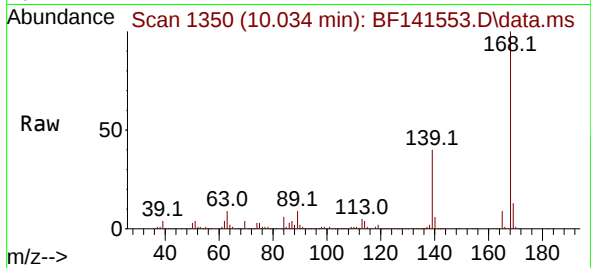
Tgt Ion:184 Resp: 175822
Ion Ratio Lower Upper
184 100
63 72.8 61.0 91.6
154 72.9 59.9 89.9





#55
Dibenzenofuran
Concen: 37.720 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

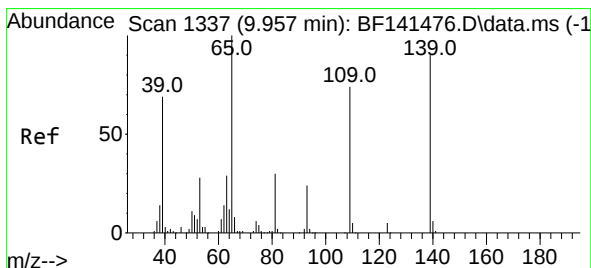
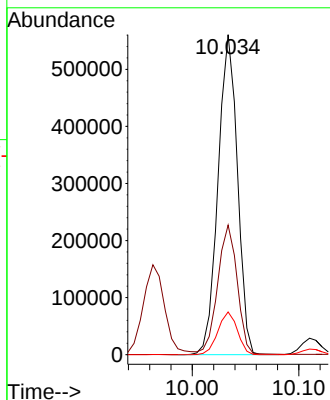
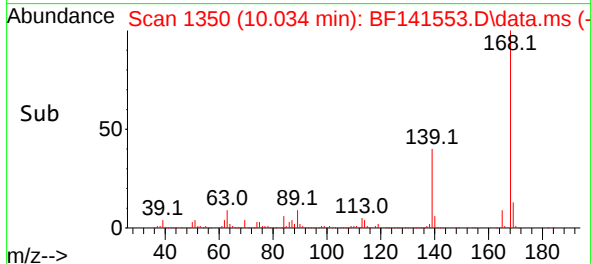
Instrument :
BNA_F
ClientSampleId :
PB166640BS



Tgt Ion:168 Resp: 707135
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.3 10.8 16.2

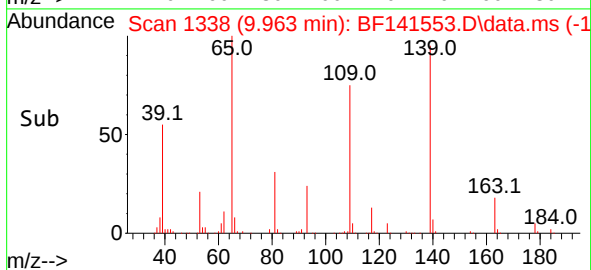
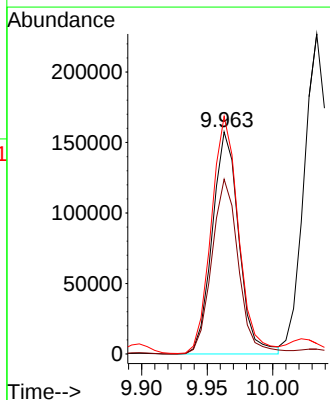
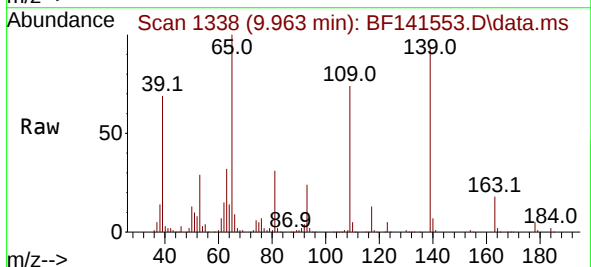
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 84.195 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:139 Resp: 222417
Ion Ratio Lower Upper
139 100
109 78.7 62.0 102.0
65 107.0 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

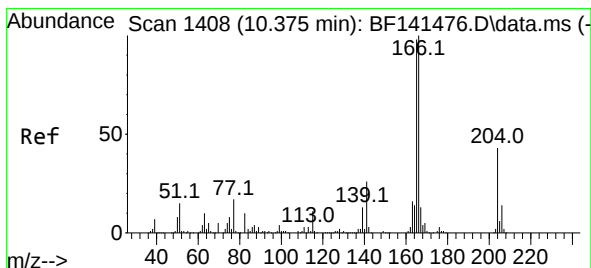
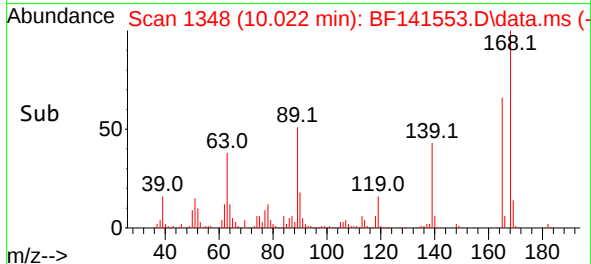
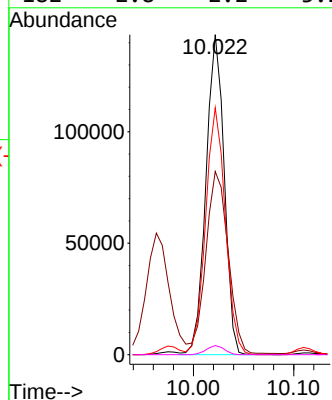
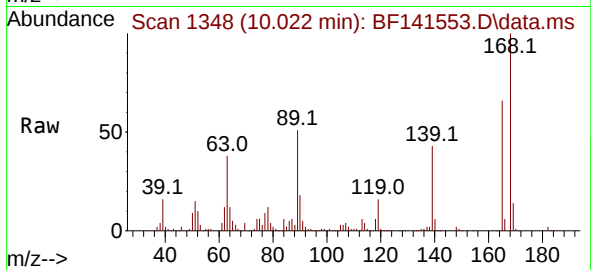
PB166640BS

Tgt Ion:165 Resp: 181418
Ion Ratio Lower Upper
165 100
63 57.2 46.4 69.6
89 77.2 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations

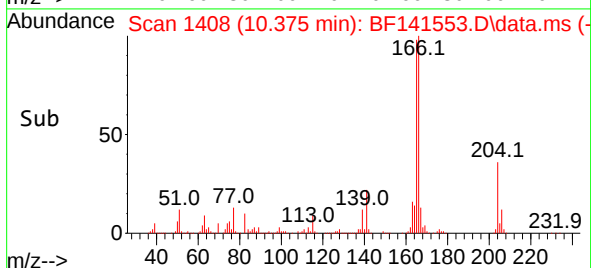
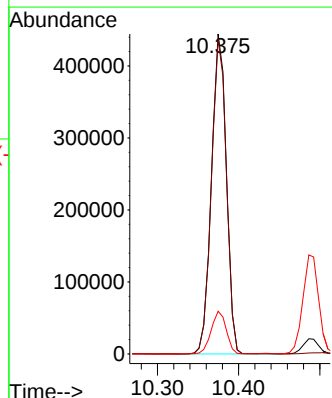
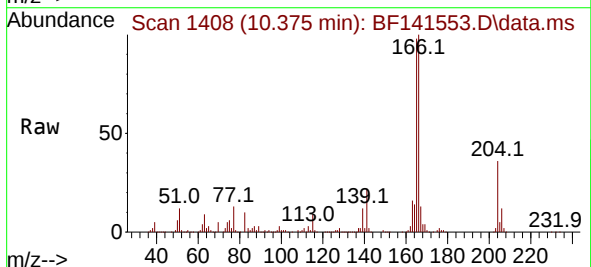
APPROVED

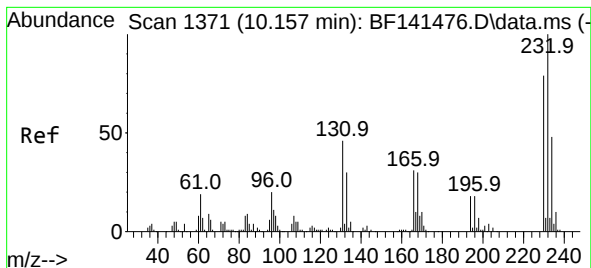
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#58
Fluorene
Concen: 39.167 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

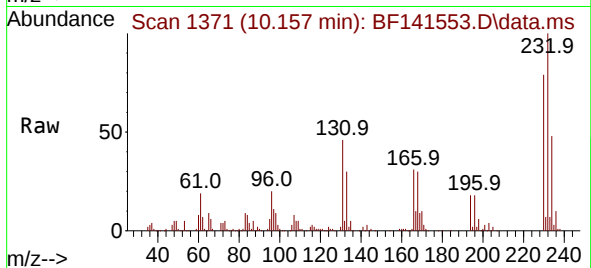
Tgt Ion:166 Resp: 567729
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.587 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

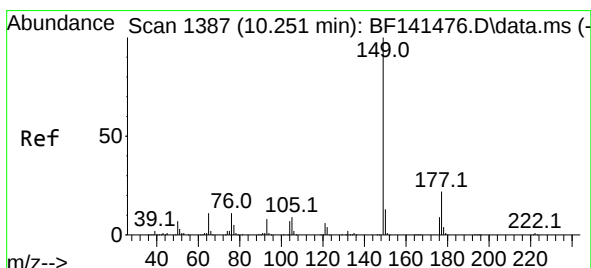
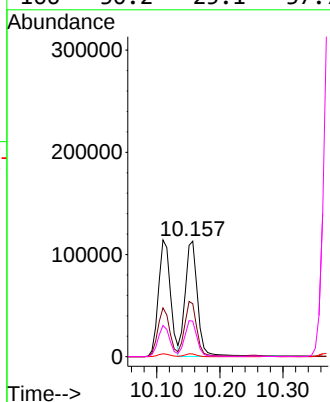
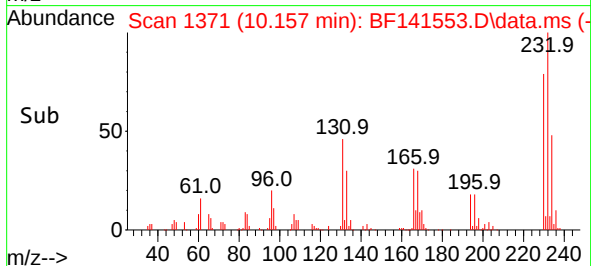
Instrument :
BNA_F
ClientSampleId :
PB166640BS



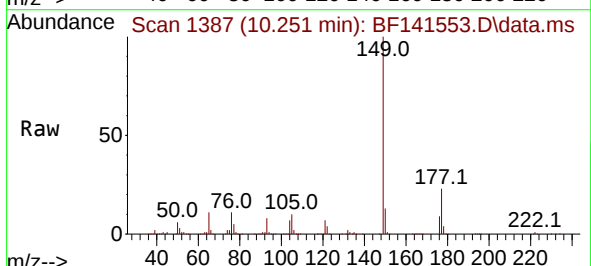
Tgt Ion:232 Resp: 15387
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.4 2.1 3.1
166 30.2 25.1 37.7

Manual Integrations
APPROVED

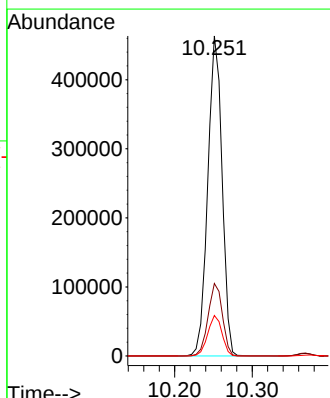
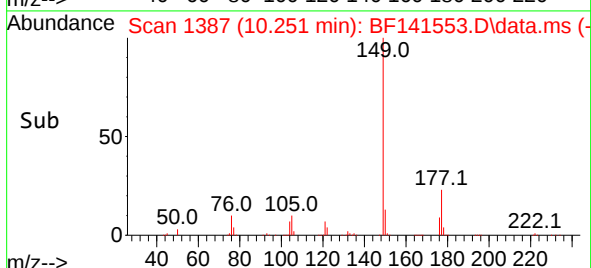
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#60
Diethylphthalate
Concen: 39.814 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:149 Resp: 592461
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.7 10.1 15.1





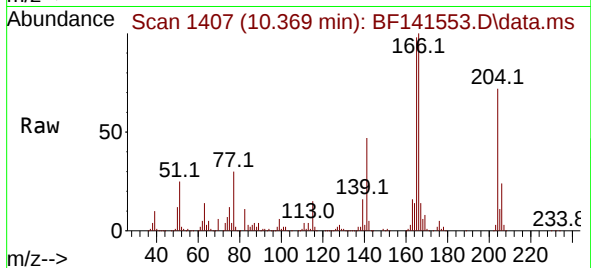
#61
4-Chlorophenyl-phenylether
Concen: 39.596 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

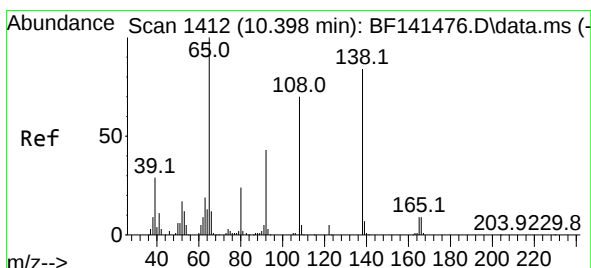
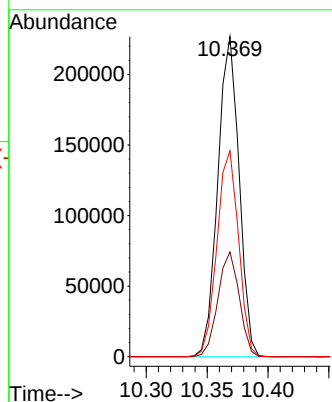
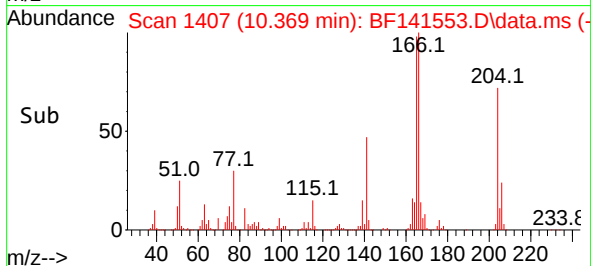


Tgt Ion:204 Resp: 276120
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 64.4 51.9 77.9

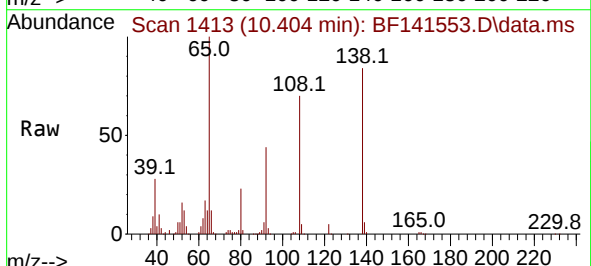
Manual Integrations

APPROVED

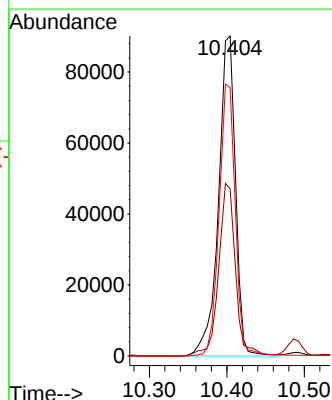
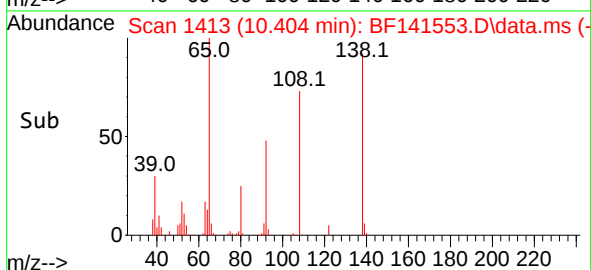
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

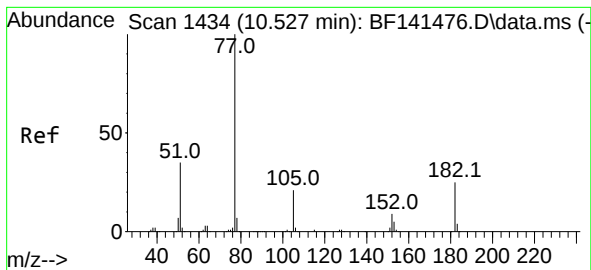


#62
4-Nitroaniline
Concen: 38.082 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



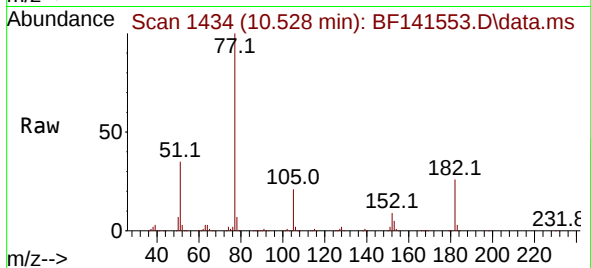
Tgt Ion:138 Resp: 137609
Ion Ratio Lower Upper
138 100
92 52.3 31.3 71.3
108 83.9 63.7 103.7





#63
Azobenzene
Concen: 38.974 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

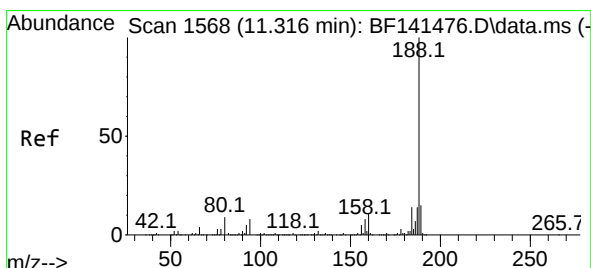
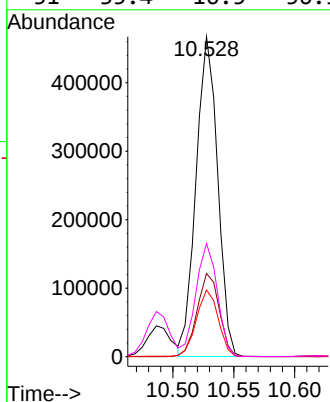
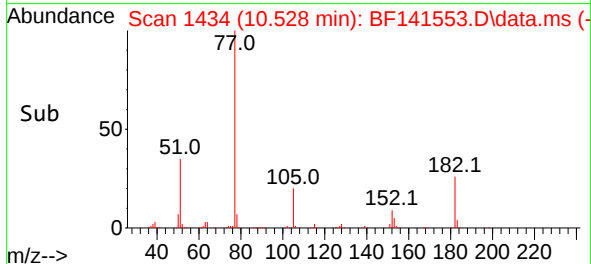
Instrument :
BNA_F
ClientSampleId :
PB166640BS



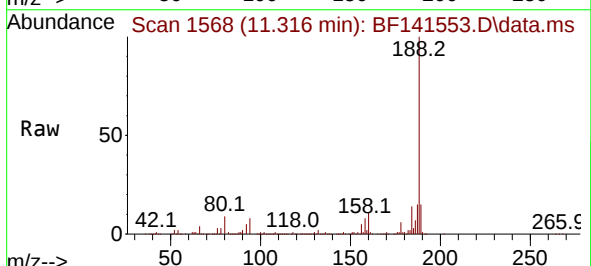
Tgt Ion: 77 Resp: 57656
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 20.8 0.4 40.4
51 35.4 16.5 56.5

Manual Integrations
APPROVED

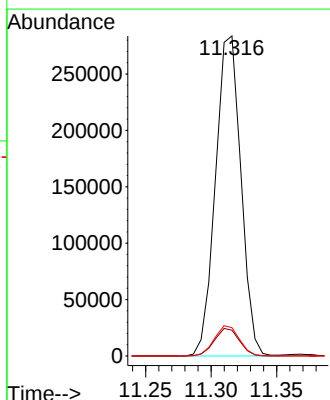
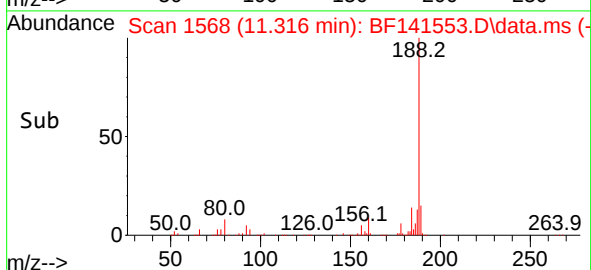
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:188 Resp: 382820
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.8 7.3 10.9





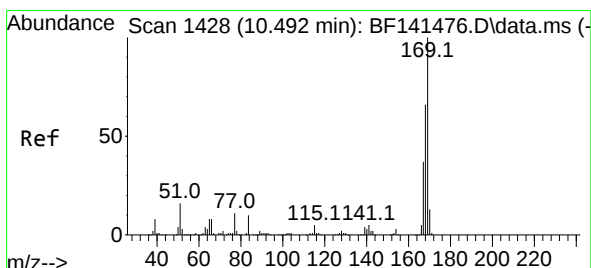
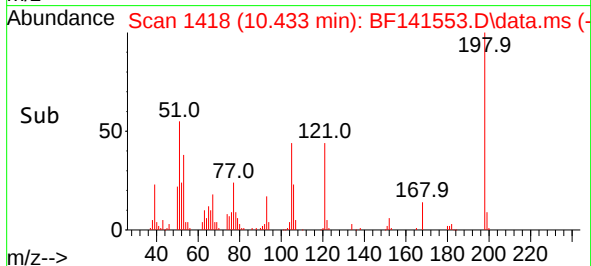
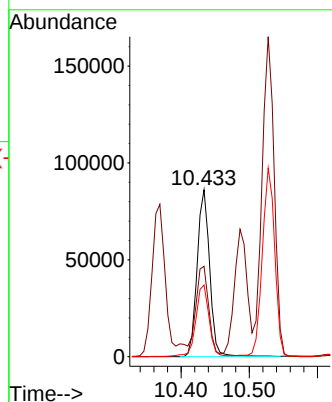
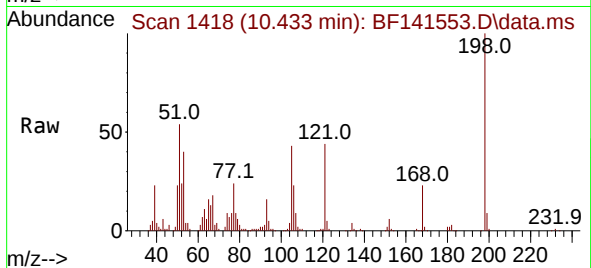
#65
4,6-Dinitro-2-methylphenol
Concen: 41.475 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion:198 Resp: 110291
Ion Ratio Lower Upper
198 100
51 54.2 37.4 77.4
105 43.0 25.2 65.2

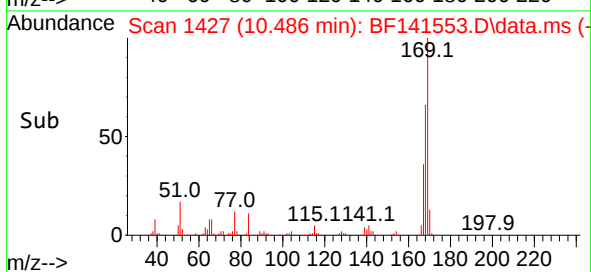
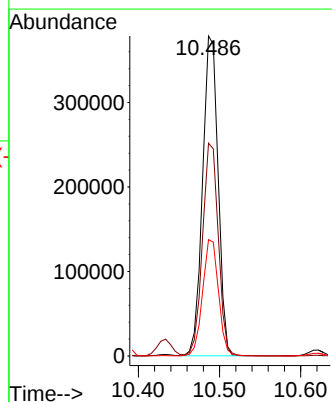
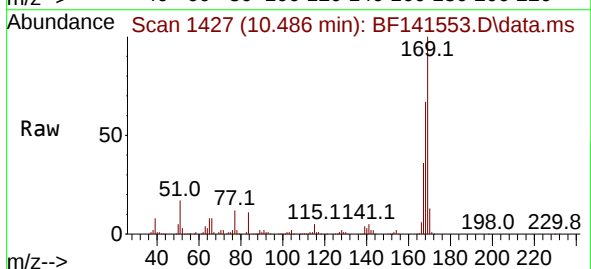
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 40.988 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:169 Resp: 502279
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.3 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.145 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

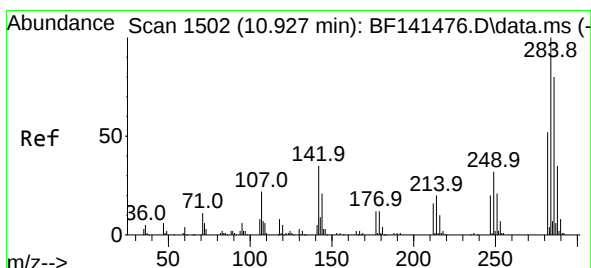
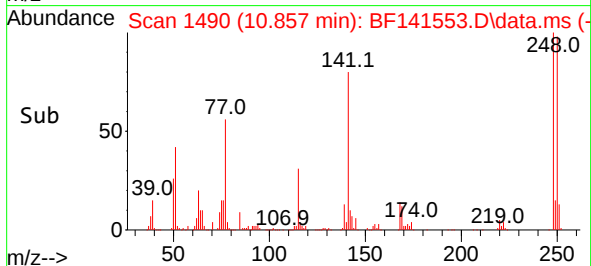
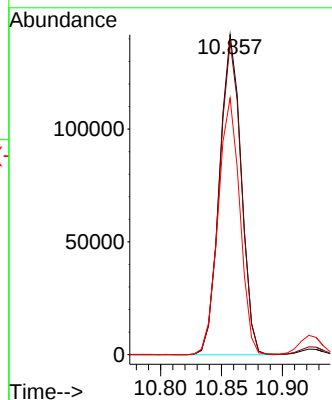
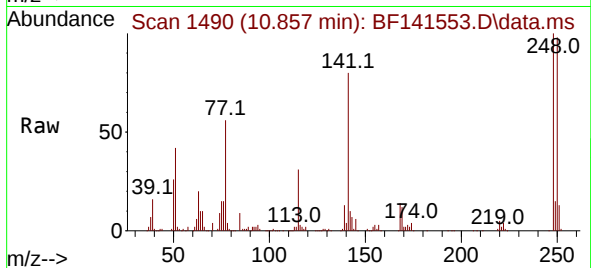
PB166640BS

Tgt Ion:248 Resp: 17604
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 80.2 60.6 90.8

Manual Integrations

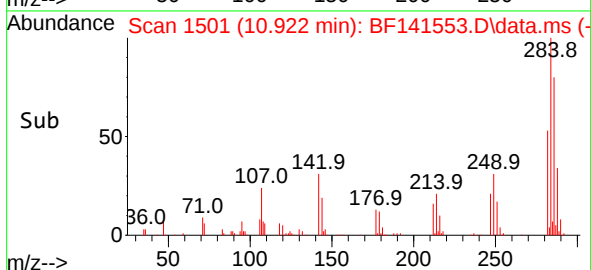
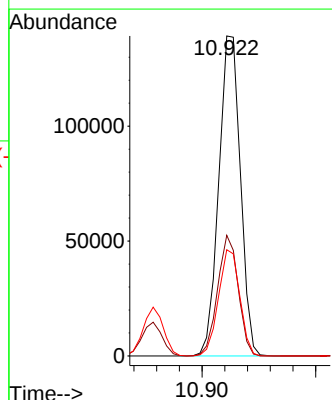
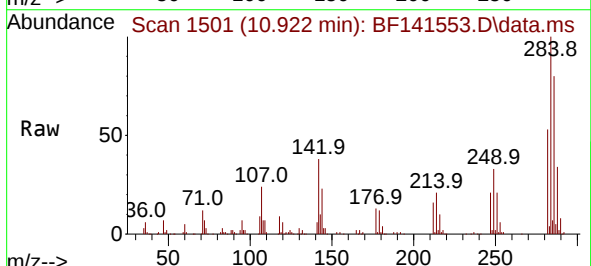
APPROVED

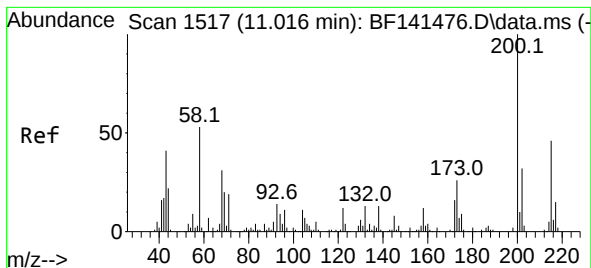
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#68
Hexachlorobenzene
Concen: 41.859 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:284 Resp: 184417
Ion Ratio Lower Upper
284 100
142 37.7 28.0 42.0
249 33.2 25.8 38.8





#69

Atrazine

Concen: 53.535 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

Tgt Ion:200 Resp: 19681

Ion Ratio Lower Upper

200 100

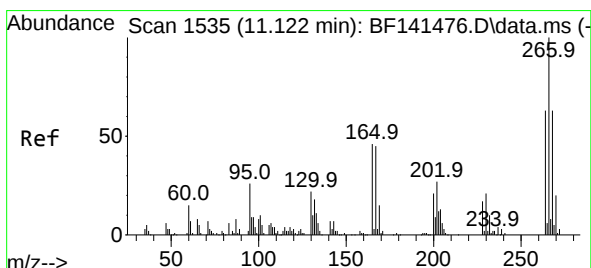
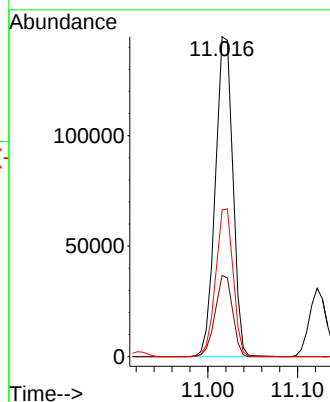
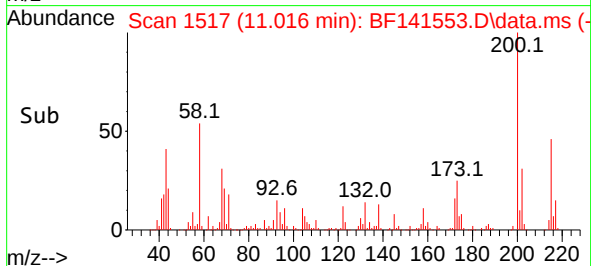
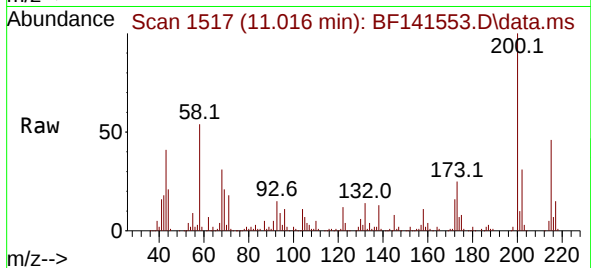
173 25.4 5.9 45.9

215 45.8 25.9 65.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 78.891 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

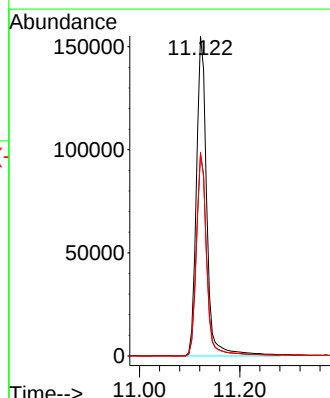
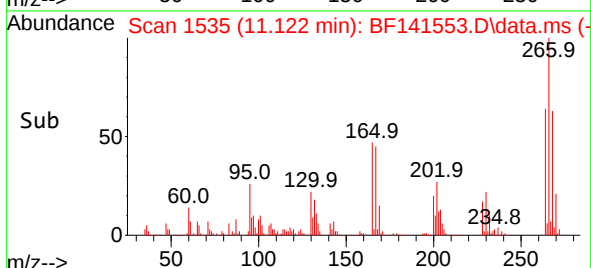
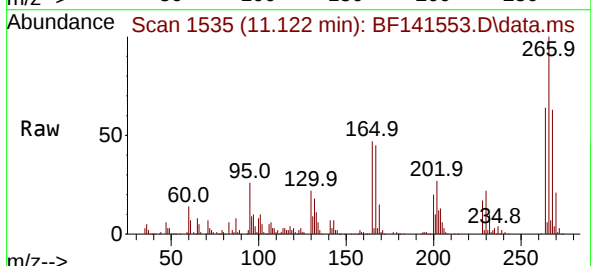
Tgt Ion:266 Resp: 222244

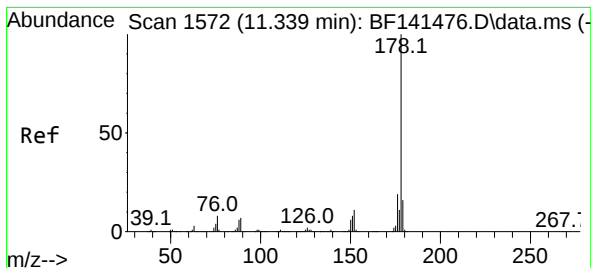
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

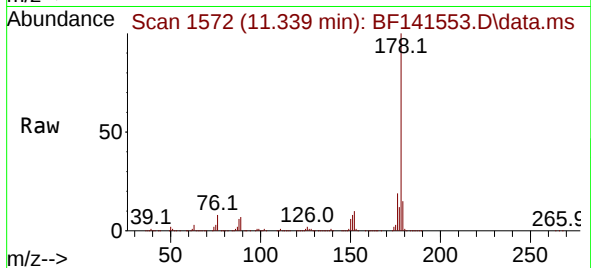
264 63.6 50.1 75.1





#71
Phenanthrene
Concen: 41.266 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

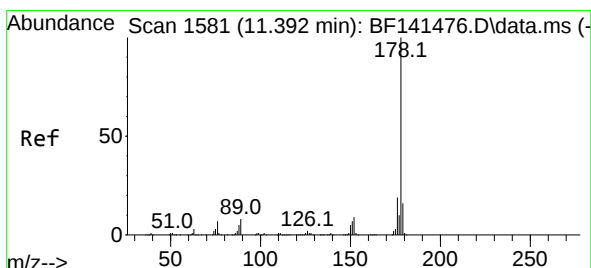
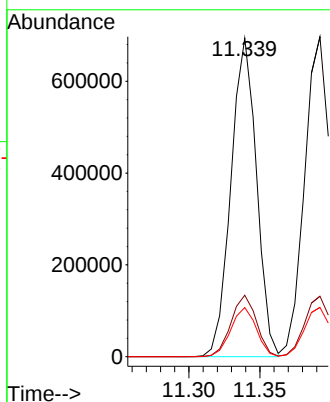
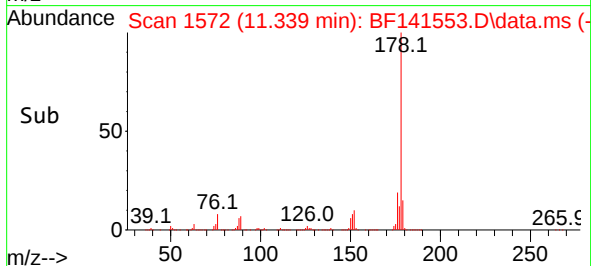
Instrument :
BNA_F
ClientSampleId :
PB166640BS



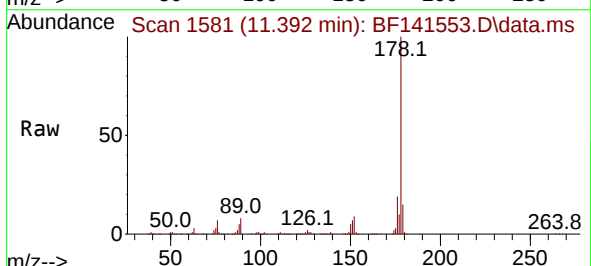
Tgt Ion:178 Resp: 86957
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6

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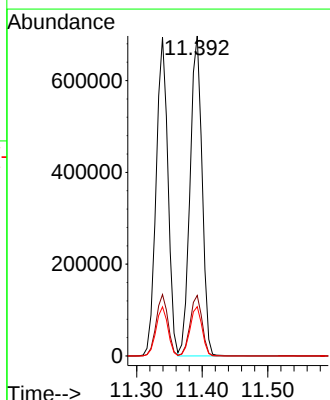
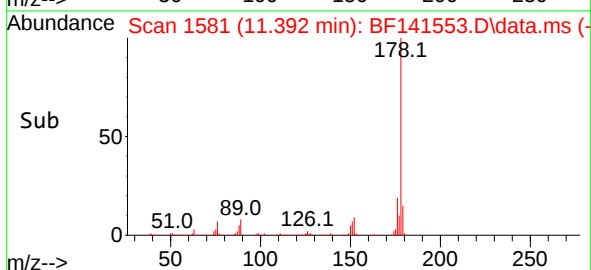
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

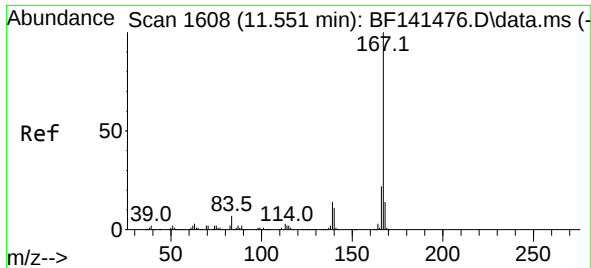


#72
Anthracene
Concen: 41.834 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



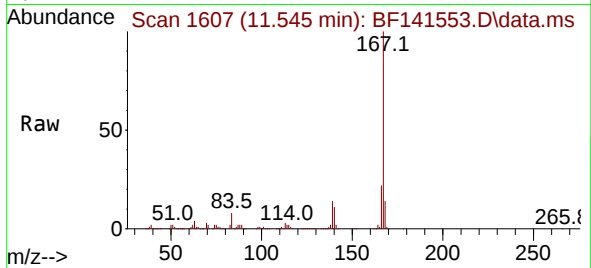
Tgt Ion:178 Resp: 886168
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 40.770 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21

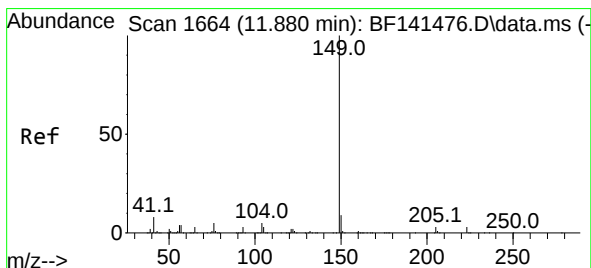
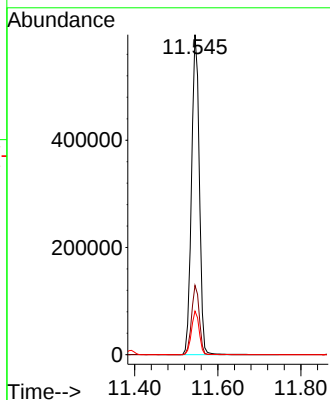
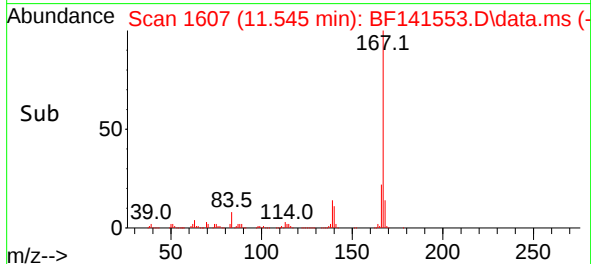
Instrument :
 BNA_F
 ClientSampleId :
 PB166640BS



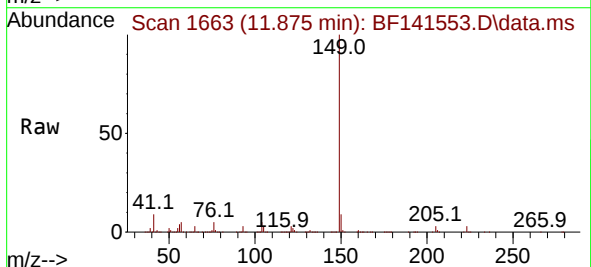
Tgt Ion:167 Resp: 777080
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 10.9 16.3

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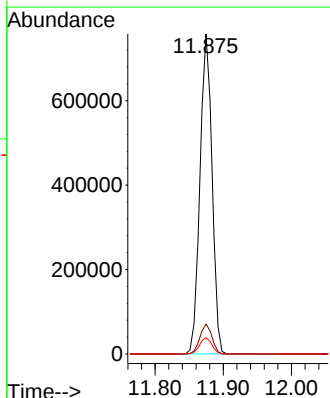
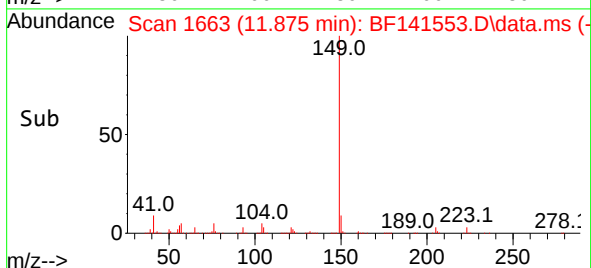
Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :mohammad ahmed 02/12/2025

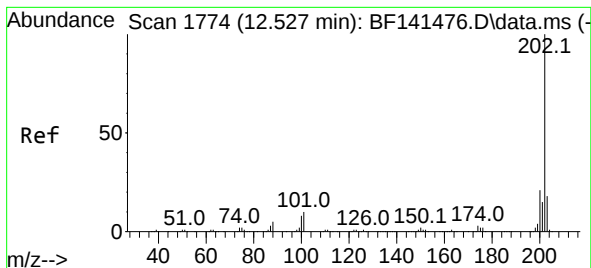


#74
 Di-n-butylphthalate
 Concen: 42.433 ng
 RT: 11.875 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141553.D
 Acq: 11 Feb 2025 11:21



Tgt Ion:149 Resp: 933869
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 40.641 ng

RT: 12.527 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF141553.D

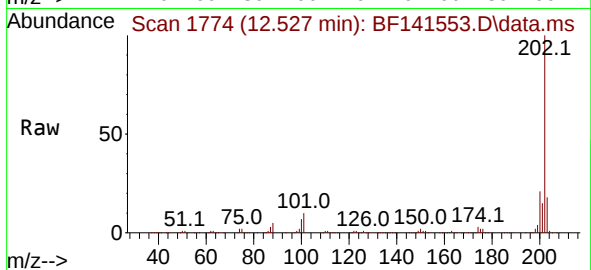
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS



Tgt Ion:202 Resp: 907964

Ion Ratio Lower Upper

202 100

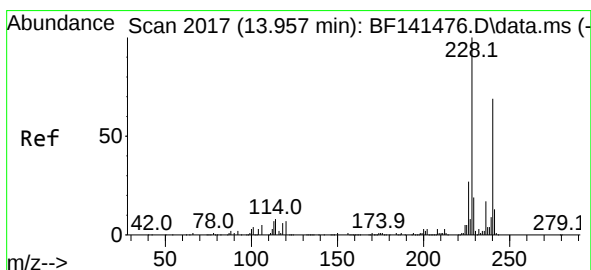
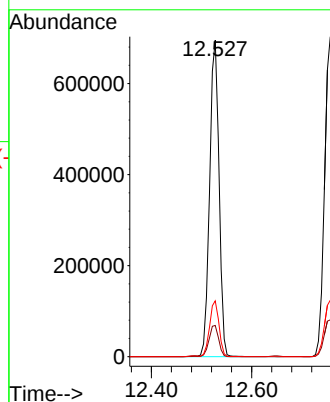
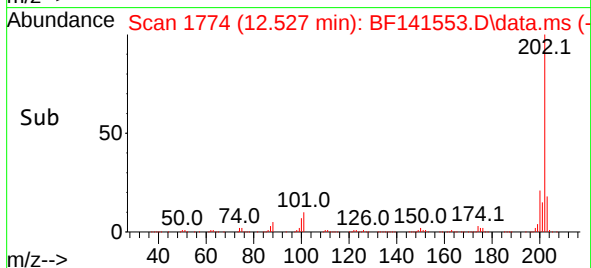
101 9.9 0.0 30.2

203 17.7 0.0 37.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#76

Chrysene-d12

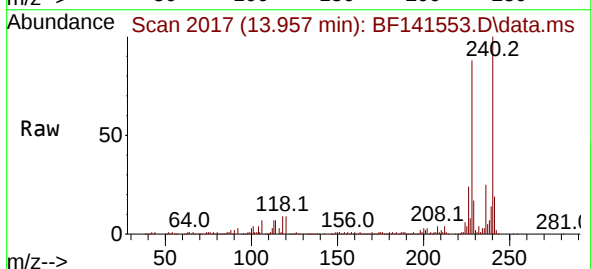
Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21



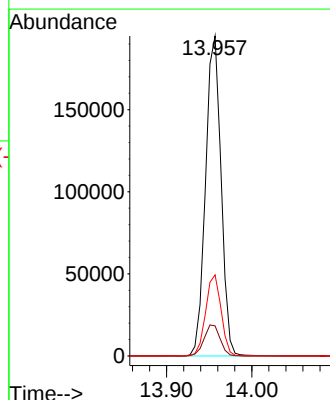
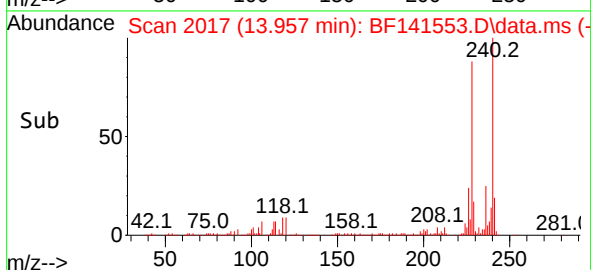
Tgt Ion:240 Resp: 245835

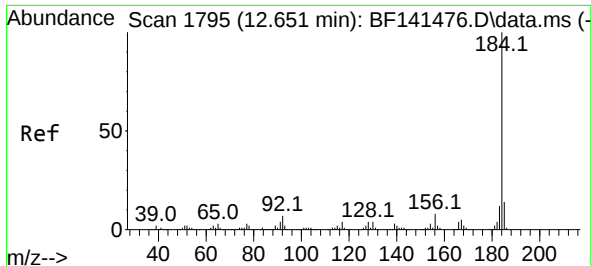
Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

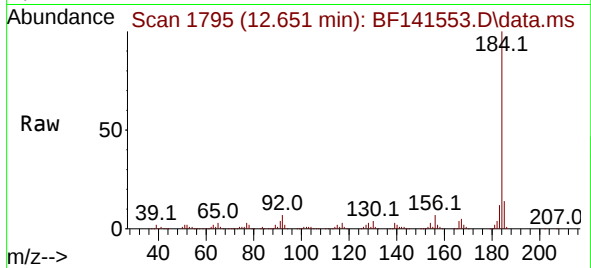
236 25.4 19.8 29.8





#77
Benzidine
Concen: 57.985 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

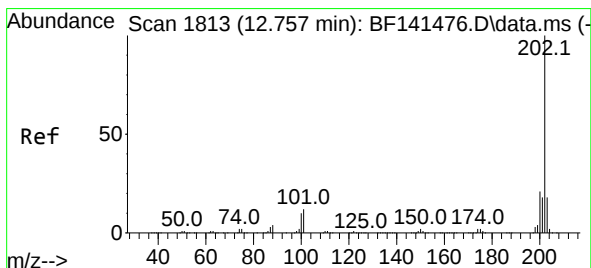
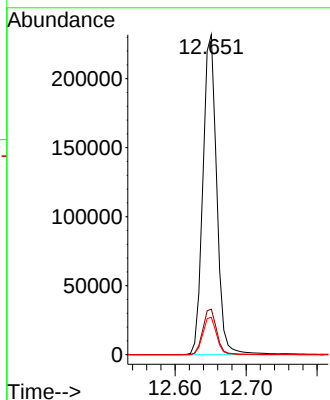
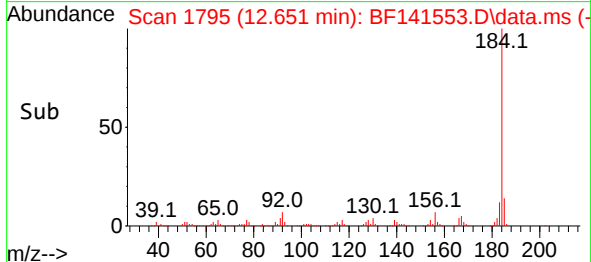
Instrument :
BNA_F
ClientSampleId :
PB166640BS



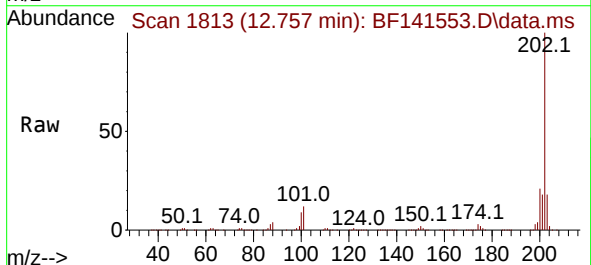
Tgt Ion:184 Resp: 31438
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.7 9.3 13.9

Manual Integrations
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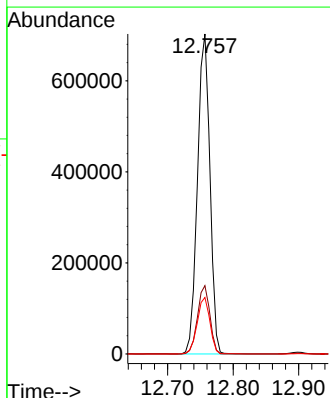
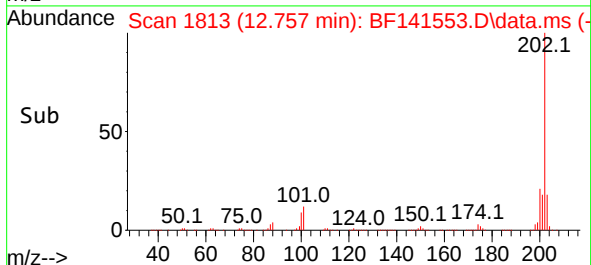
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#78
Pyrene
Concen: 44.386 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:202 Resp: 928873
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 98.494 ng

RT: 12.898 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF141553.D

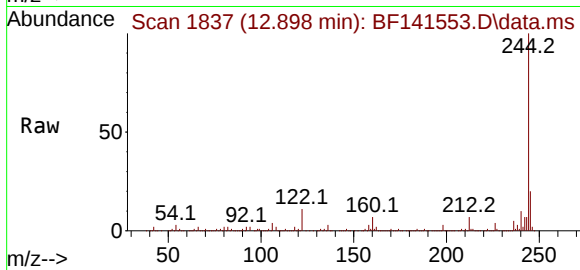
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS



Tgt Ion:244 Resp: 143428

Ion Ratio Lower Upper

244 100

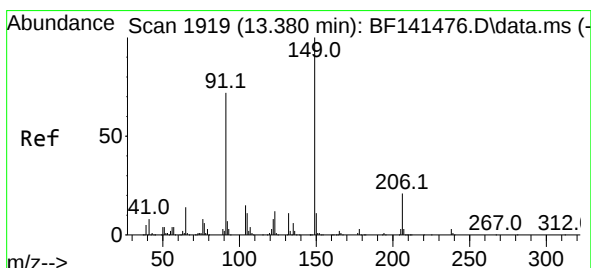
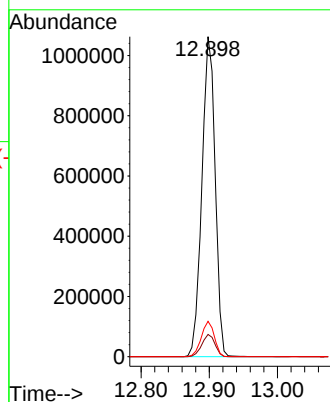
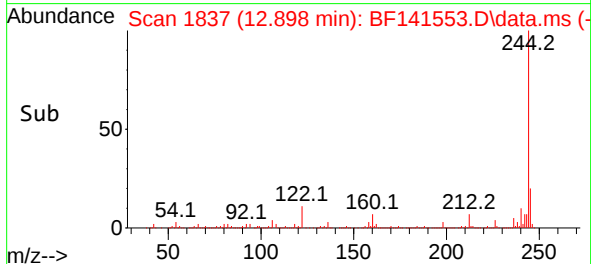
212 6.9 5.6 8.4

122 11.1 8.4 12.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025



#80

Butylbenzylphthalate

Concen: 46.711 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

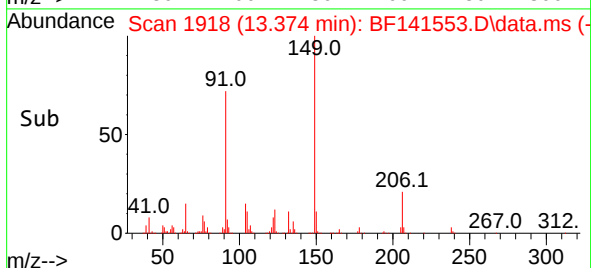
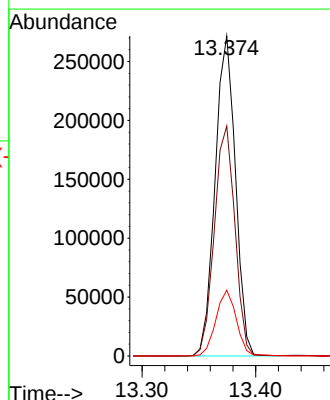
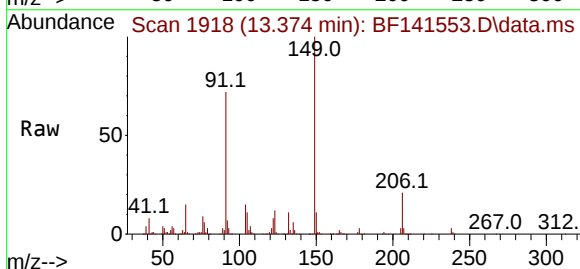
Tgt Ion:149 Resp: 338587

Ion Ratio Lower Upper

149 100

91 71.9 57.8 86.8

206 20.5 16.7 25.1





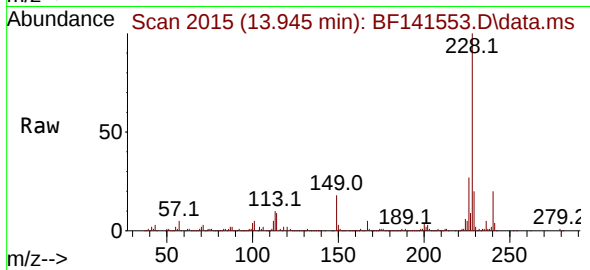
#81
Benzo(a)anthracene
Concen: 42.336 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

PB166640BS

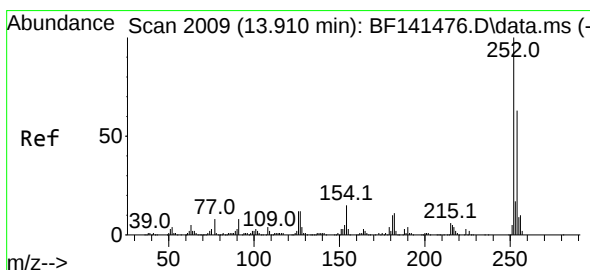
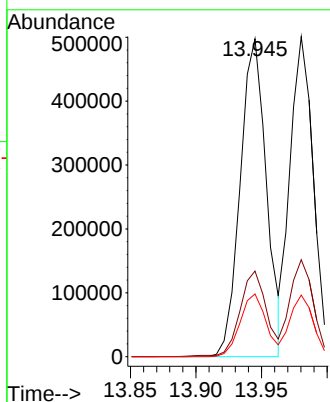
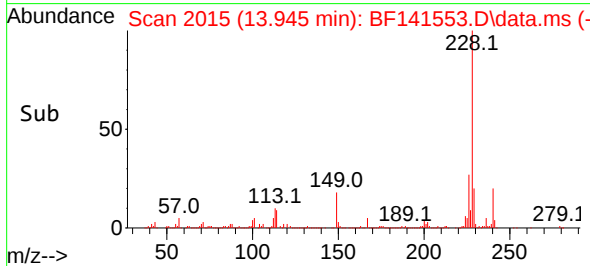


Tgt Ion:228 Resp: 691833
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.7 15.8 23.6

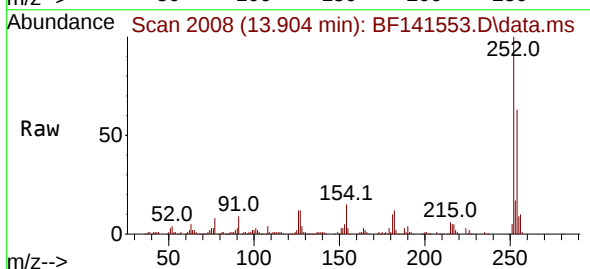
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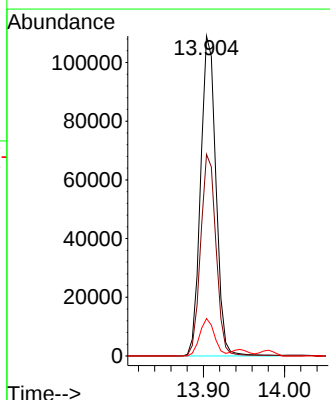
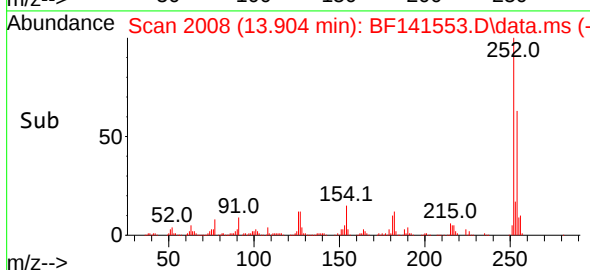
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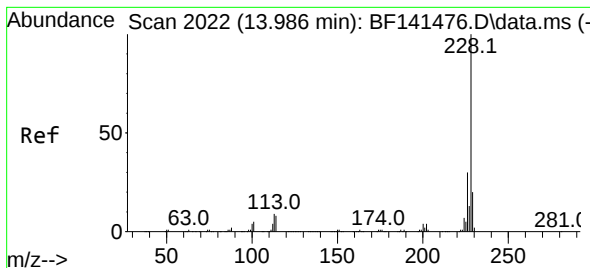


#82
3,3'-Dichlorobenzidine
Concen: 30.483 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:252 Resp: 142695
Ion Ratio Lower Upper
252 100
254 63.0 50.6 76.0
126 11.7 9.3 13.9





#83

Chrysene

Concen: 40.833 ng

RT: 13.980 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

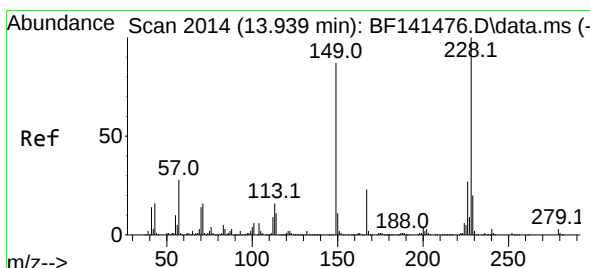
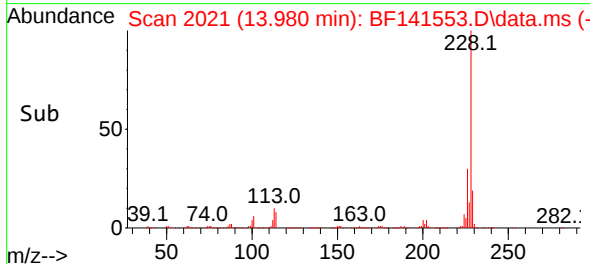
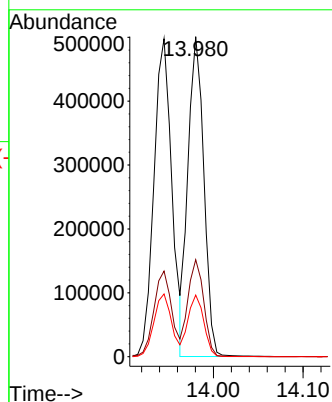
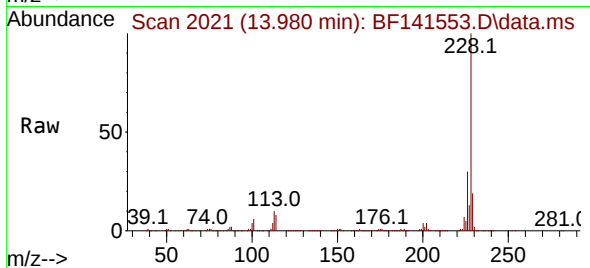
PB166640BS

Tgt Ion:	228	Resp:	61612
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	19.3	15.7	23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.065 ng

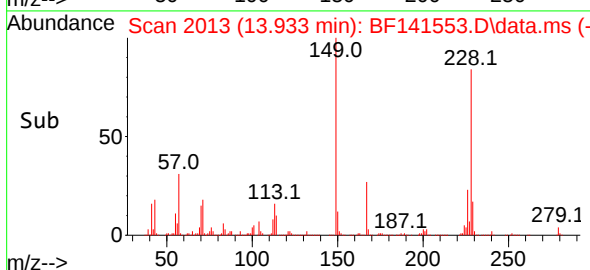
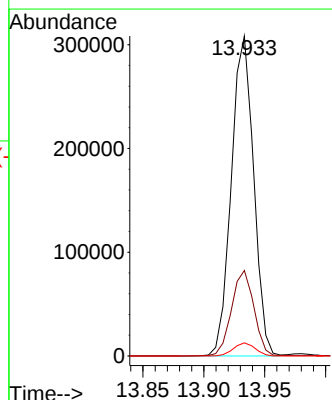
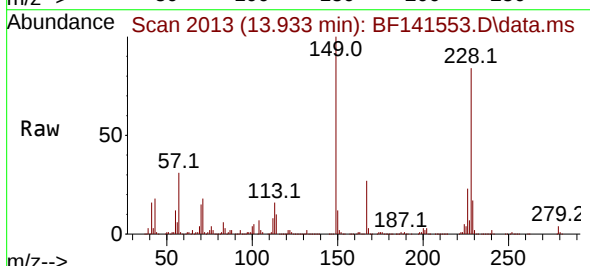
RT: 13.933 min Scan# 2013

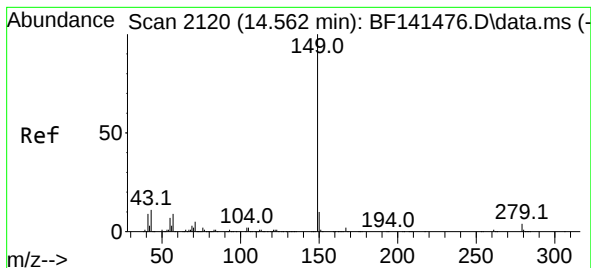
Delta R.T. -0.006 min

Lab File: BF141553.D

Acq: 11 Feb 2025 11:21

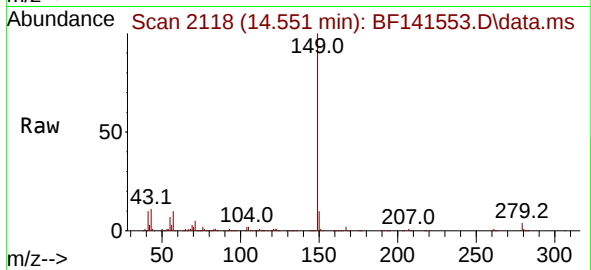
Tgt Ion:	149	Resp:	392947
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 45.278 ng
RT: 14.551 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

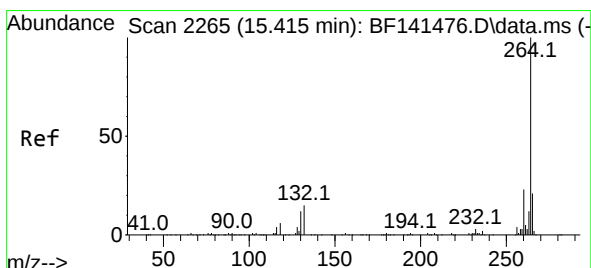
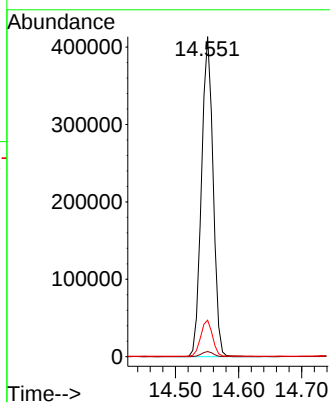
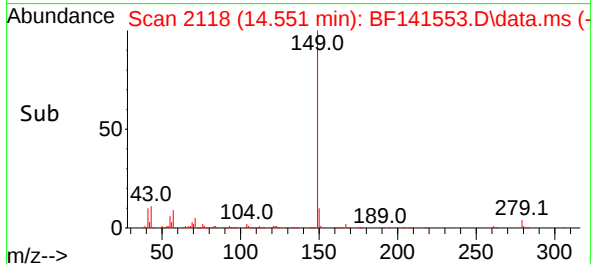
Instrument :
BNA_F
ClientSampleId :
PB166640BS



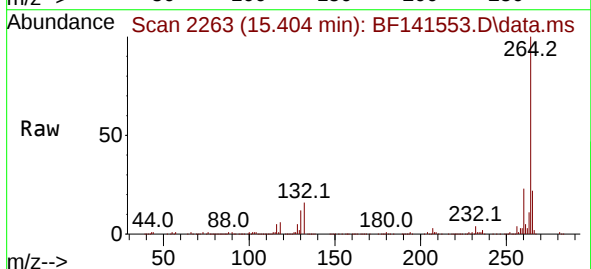
Tgt Ion:149 Resp: 528060
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 9.5 14.3

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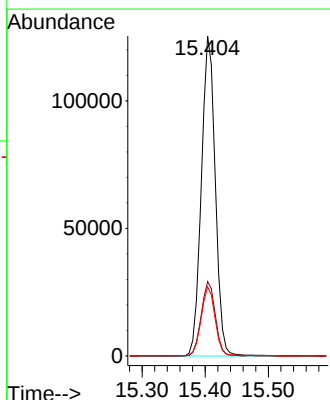
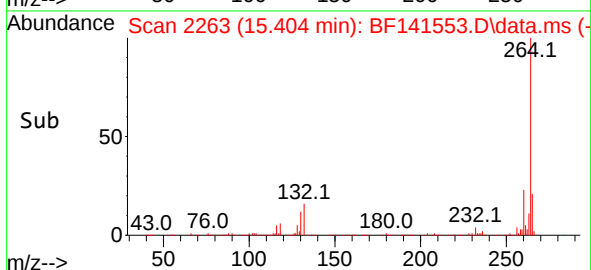
Reviewed By :Jagrut Upadhyay 02/11/2025
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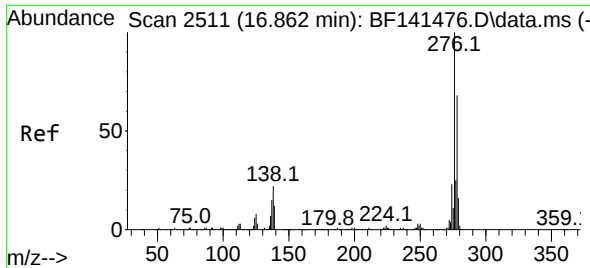


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



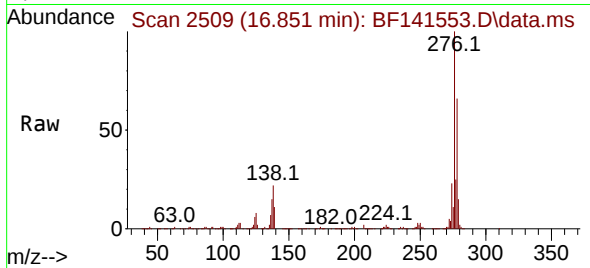
Tgt Ion:264 Resp: 192005
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.816 ng
RT: 16.851 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

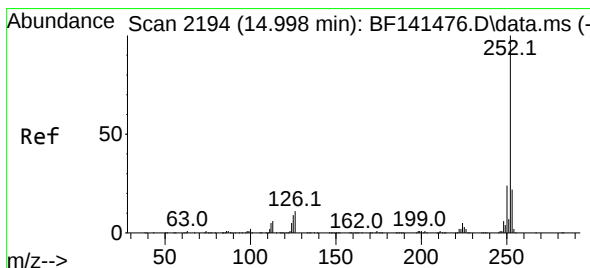
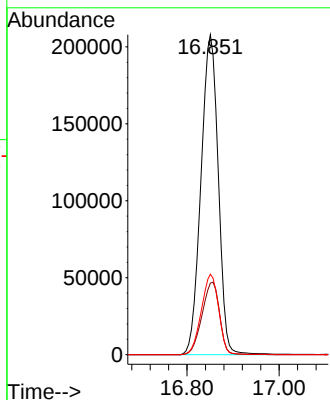
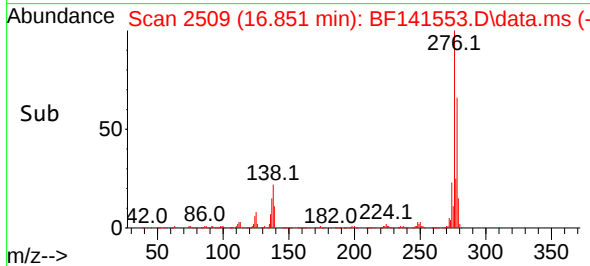
Instrument :
BNA_F
ClientSampleId :
PB166640BS



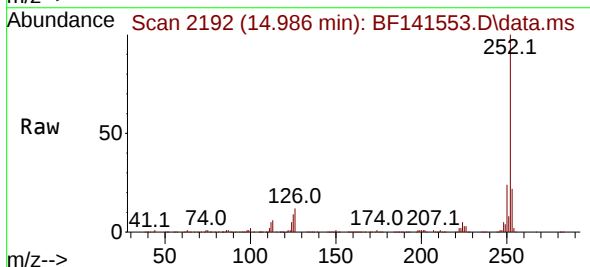
Tgt Ion:276 Resp: 543554
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.1 20.4 30.6

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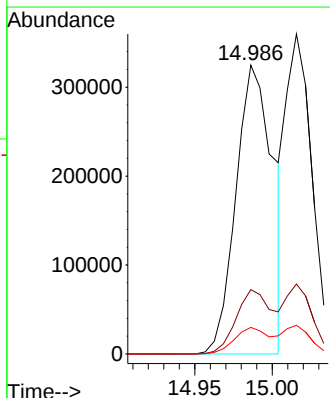
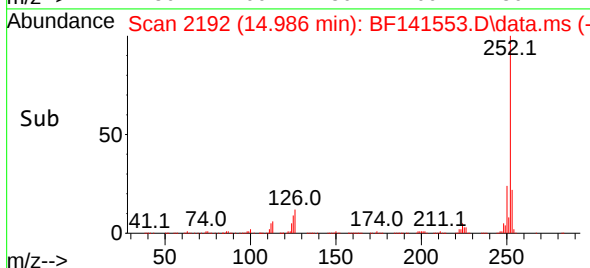
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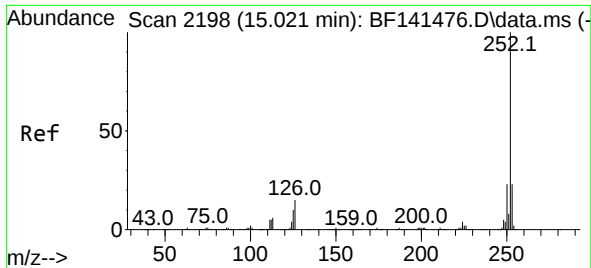


#88
Benzo(b)fluoranthene
Concen: 41.863 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21



Tgt Ion:252 Resp: 539713
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.0 10.6





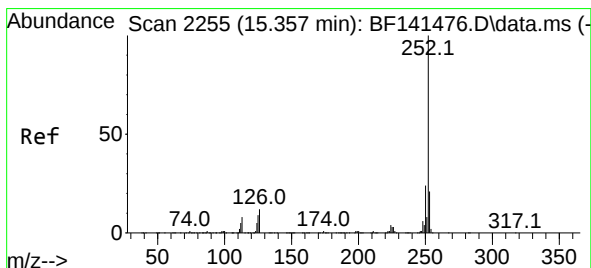
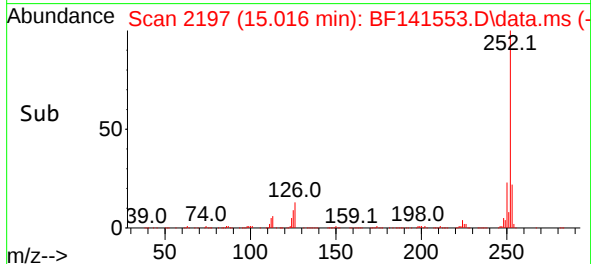
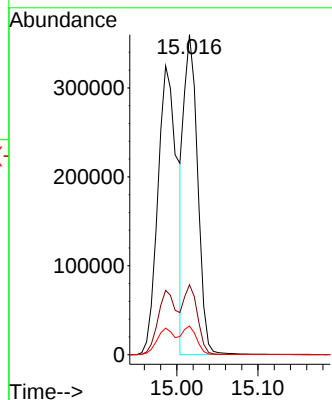
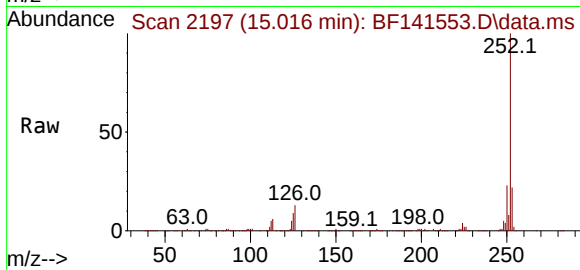
#89
Benzo(k)fluoranthene
Concen: 38.512 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Tgt Ion:252 Resp: 42397
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.0 7.4 11.0

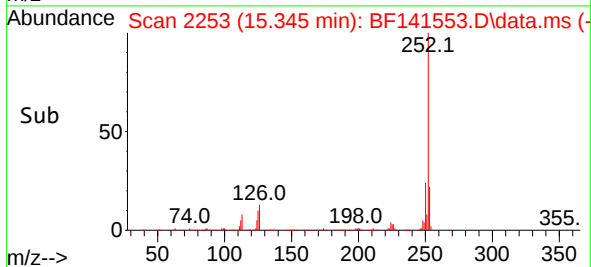
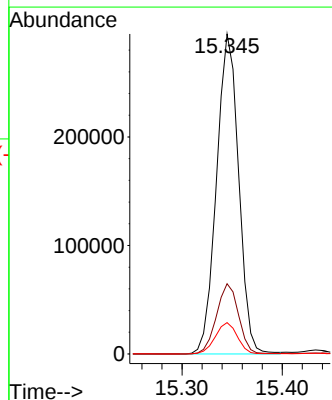
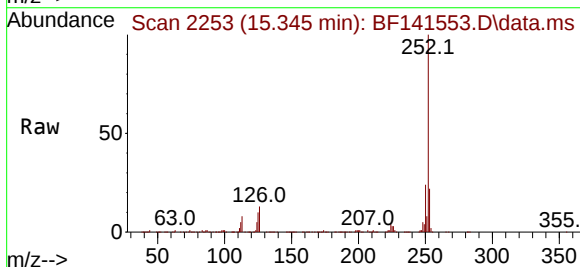
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#90
Benzo(a)pyrene
Concen: 43.346 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.017 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:252 Resp: 452188
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.8 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 45.248 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Instrument :

BNA_F

ClientSampleId :

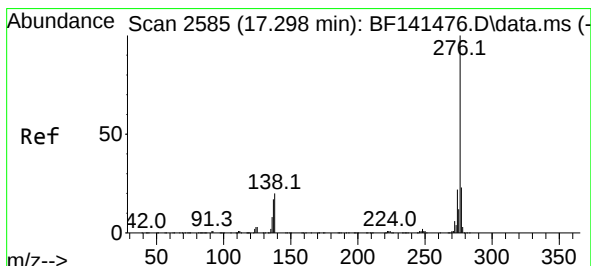
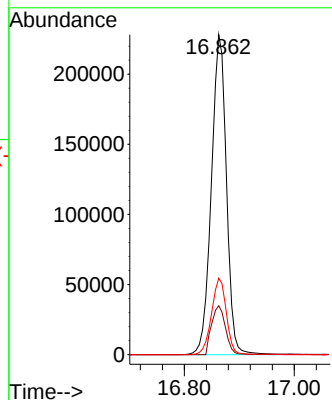
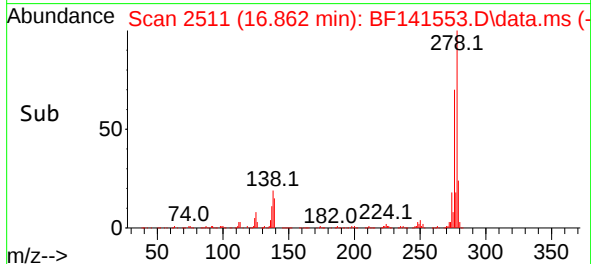
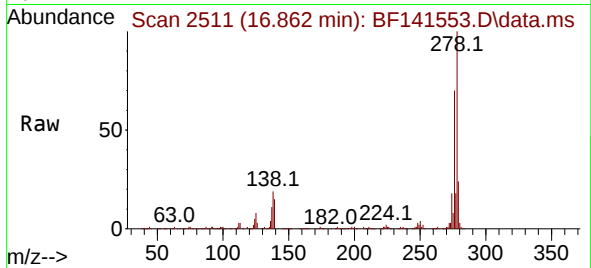
PB166640BS

Tgt Ion:278 Resp: 43497
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 23.9 19.1 28.7

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#92
Benzo(g,h,i)perylene
Concen: 42.778 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.035 min
Lab File: BF141553.D
Acq: 11 Feb 2025 11:21

Tgt Ion:276 Resp: 430329
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.8 15.9 23.9

