

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141272.D
 Acq On : 27 Jan 2025 15:05
 Operator : RC/JU
 Sample : Q1187-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 15:24:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	151106	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	589538	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	300435	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	471075	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	327460	20.000	ng	-0.01
86) Perylene-d12	15.445	264	392260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1027834	105.079	ng	0.00
7) Phenol-d6	6.440	99	1291816	104.259	ng	0.00
23) Nitrobenzene-d5	7.369	82	830744	74.697	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	397143	116.013	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1546540	78.607	ng	-0.02
79) Terphenyl-d14	12.922	244	1469644	66.706	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	188106	43.184	ng	96
3) Pyridine	3.328	79	472455	44.230	ng	95
4) n-Nitrosodimethylamine	3.275	42	239913	45.935	ng	95
6) Aniline	6.469	93	396432	36.037	ng	93
8) 2-Chlorophenol	6.593	128	525629	50.086	ng	95
9) Benzaldehyde	6.351	77	52880	7.246	ng	97
10) Phenol	6.451	94	637738	48.082	ng	94
11) bis(2-Chloroethyl)ether	6.540	93	488439	49.414	ng	97
12) 1,3-Dichlorobenzene	6.745	146	557963	47.671	ng	99
13) 1,4-Dichlorobenzene	6.822	146	565416	47.938	ng	100
14) 1,2-Dichlorobenzene	6.975	146	539463	49.033	ng	97
15) Benzyl Alcohol	6.946	79	446873	49.941	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	658133	47.714	ng	95
17) 2-Methylphenol	7.057	107	411790	48.603	ng	99
18) Hexachloroethane	7.316	117	209442	49.103	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	346665	47.496	ng	95
20) 3+4-Methylphenols	7.210	107	495003	46.309	ng	# 84
22) Acetophenone	7.216	105	674120	48.101	ng	97
24) Nitrobenzene	7.387	77	535529	46.202	ng	98
25) Isophorone	7.628	82	949508	49.958	ng	98
26) 2-Nitrophenol	7.704	139	279908	53.087	ng	99
27) 2,4-Dimethylphenol	7.740	122	412125	57.948	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	588119	49.306	ng	100
29) 2,4-Dichlorophenol	7.945	162	419154	49.624	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	461340	47.783	ng	99
31) Naphthalene	8.110	128	1497082	48.153	ng	100
32) Benzoic acid	7.845	122	210656	30.877	ng	98
33) 4-Chloroaniline	8.157	127	221356	20.587	ng	97
34) Hexachlorobutadiene	8.228	225	287795	49.470	ng	99
35) Caprolactam	8.522	113	122514m	44.303	ng	
36) 4-Chloro-3-methylphenol	8.640	107	441872	47.834	ng	100
37) 2-Methylnaphthalene	8.798	142	972870	49.106	ng	100
38) 1-Methylnaphthalene	8.898	142	899730	46.081	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	451504	52.360	ng	99
41) Hexachlorocyclopentadiene	8.951	237	539769	191.328	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	299906	51.568	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	307543	50.071	ng	98
46) 1,1'-Biphenyl	9.269	154	1183109	50.708	ng	99
47) 2-Chloronaphthalene	9.292	162	886657	48.791	ng	99
48) 2-Nitroaniline	9.387	65	262507	48.730	ng	97
49) Acenaphthylene	9.704	152	1357685	52.293	ng	99
50) Dimethylphthalate	9.569	163	1024820	50.811	ng	100
51) 2,6-Dinitrotoluene	9.628	165	229976	49.032	ng	98
52) Acenaphthene	9.881	154	959531	52.898	ng	100
53) 3-Nitroaniline	9.798	138	136752	28.691	ng	97
54) 2,4-Dinitrophenol	9.904	184	185685	83.289	ng	96
55) Dibenzofuran	10.051	168	1236975	50.135	ng	99
56) 4-Nitrophenol	9.963	139	366738	98.246	ng	98
57) 2,4-Dinitrotoluene	10.034	165	306430	50.695	ng	99
58) Fluorene	10.392	166	923430	48.175	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	255362	50.018	ng	98
60) Diethylphthalate	10.269	149	980316	49.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	459380	49.172	ng	99
62) 4-Nitroaniline	10.410	138	222741	47.747	ng	100
63) Azobenzene	10.545	77	1025423	52.778	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	143551	52.588	ng	98
66) n-Nitrosodiphenylamine	10.504	169	825544	54.333	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	301584	55.607	ng	99
68) Hexachlorobenzene	10.939	284	333906	55.307	ng	99
69) Atrazine	11.033	200	273591	66.873	ng	99
70) Pentachlorophenol	11.139	266	347557	89.893	ng	98
71) Phenanthrene	11.357	178	1335240	52.796	ng	100
72) Anthracene	11.410	178	1358568	55.246	ng	100
73) Carbazole	11.563	167	1150316	51.015	ng	100
74) Di-n-butylphthalate	11.898	149	1397201	54.145	ng	100
75) Fluoranthene	12.545	202	1303827	51.662	ng	99
77) Benzidine	12.669	184	387453	63.804	ng	99
78) Pyrene	12.775	202	1305580	41.743	ng	100
80) Butylbenzylphthalate	13.398	149	502430	48.182	ng	97
81) Benzo(a)anthracene	13.969	228	1126393	50.544	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	266974	37.622	ng	99
83) Chrysene	14.004	228	1015819	48.715	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	658218	52.607	ng	100
85) Di-n-octyl phthalate	14.586	149	1185998	62.771	ng	97
87) Indeno(1,2,3-cd)pyrene	16.910	276	1532076	53.312	ng	98
88) Benzo(b)fluoranthene	15.021	252	1194346	47.218	ng	100
89) Benzo(k)fluoranthene	15.051	252	1181356	55.266	ng	99
90) Benzo(a)pyrene	15.386	252	1164583	55.804	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1218410	52.419	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1177759	48.715	ng	99

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

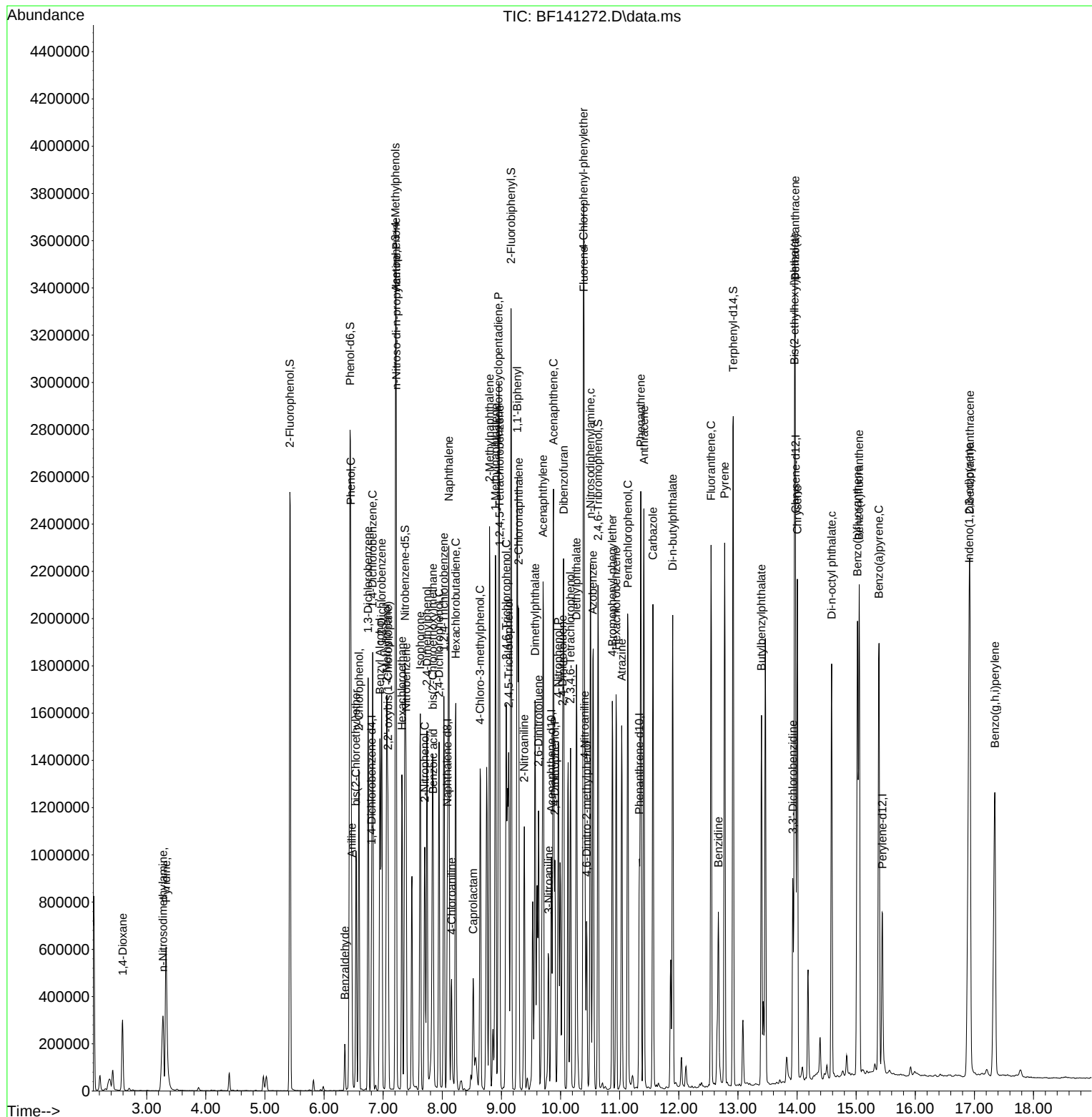
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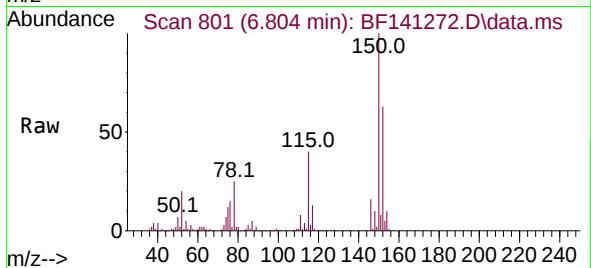
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

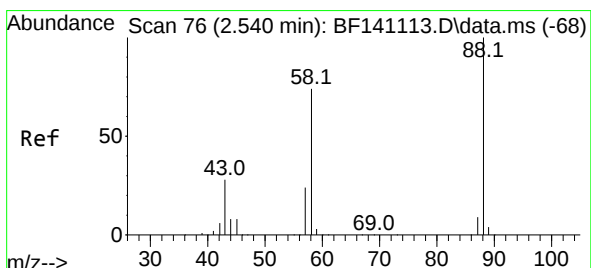
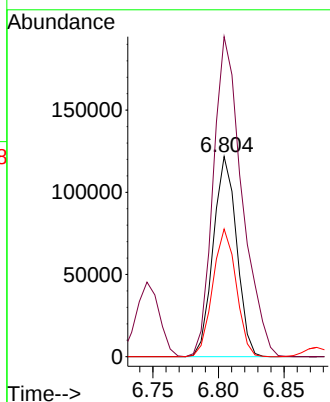
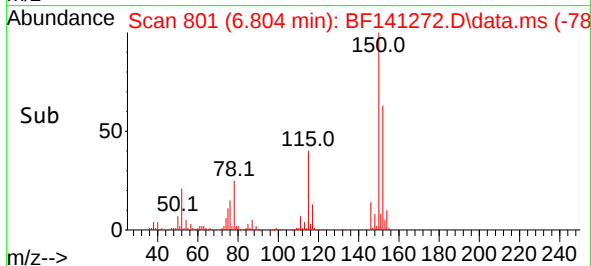
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:152 Resp: 151100
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.8
115 63.8 51.4 77.2

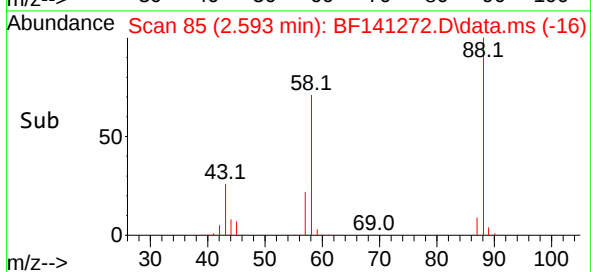
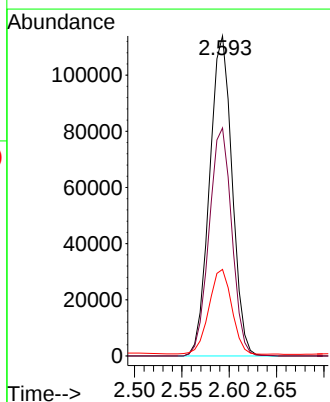
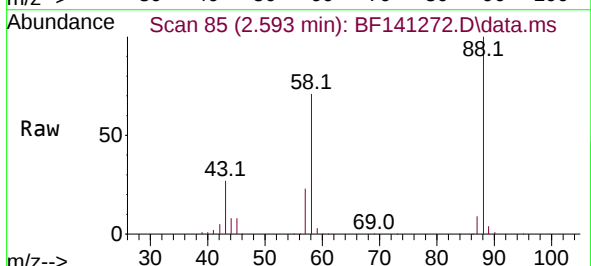
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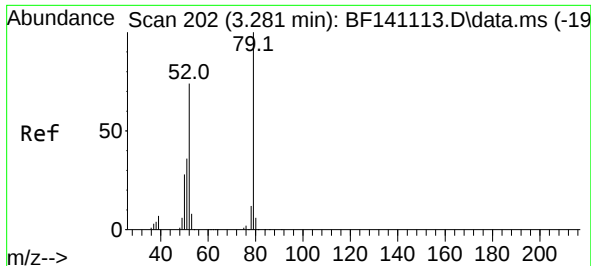
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#2
1,4-Dioxane
Concen: 43.184 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.053 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

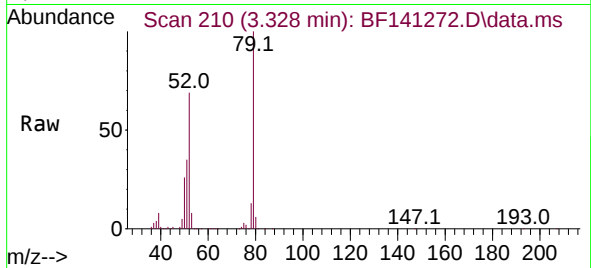
Tgt Ion: 88 Resp: 188106
Ion Ratio Lower Upper
88 100
58 71.6 60.1 90.1
43 27.0 23.1 34.7





#3
Pyridine
Concen: 44.230 ng
RT: 3.328 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

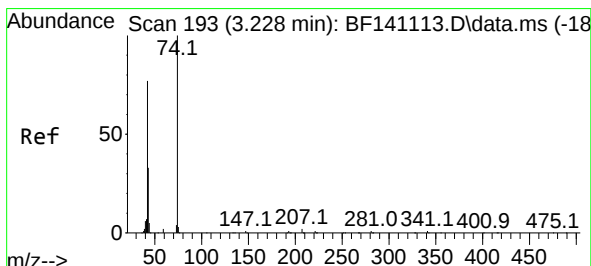
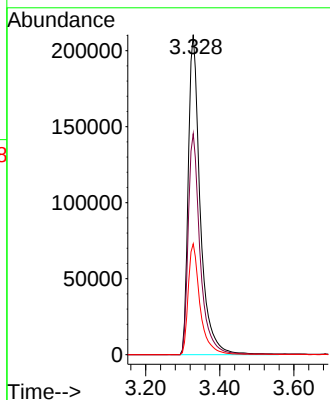
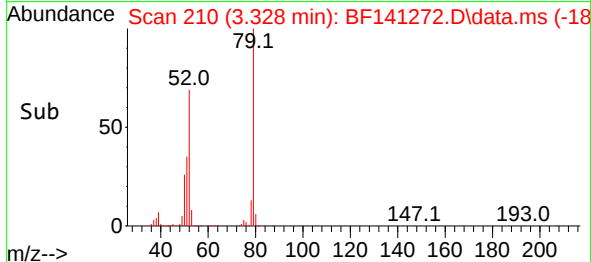
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion: 79 Resp: 47245
Ion Ratio Lower Upper
79 100
52 69.0 58.9 88.3
51 34.7 29.1 43.7

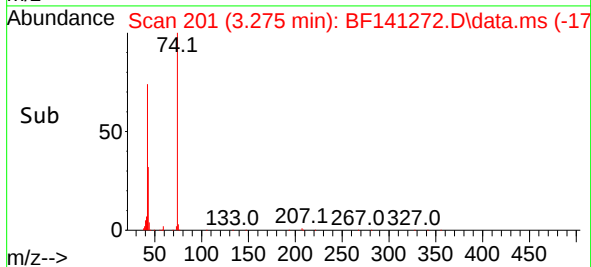
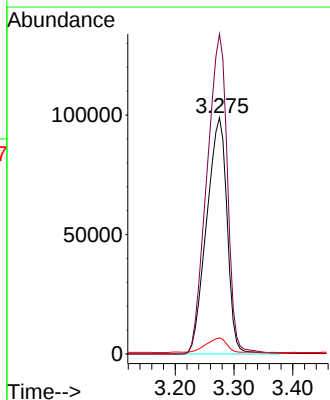
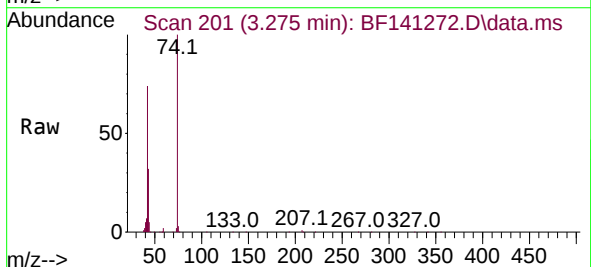
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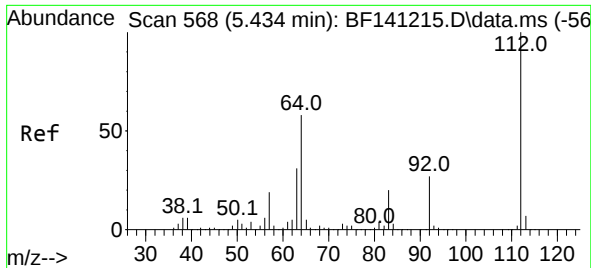
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#4
n-Nitrosodimethylamine
Concen: 45.935 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion: 42 Resp: 239913
Ion Ratio Lower Upper
42 100
74 135.4 103.8 155.6
44 6.8 5.3 7.9





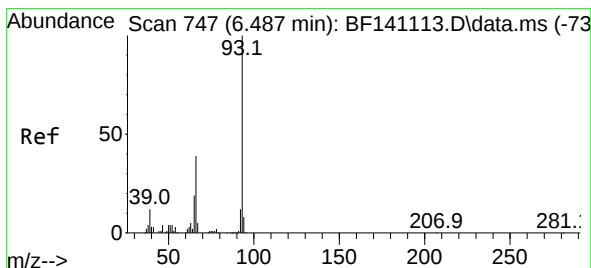
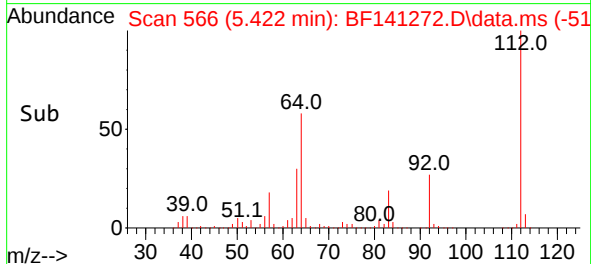
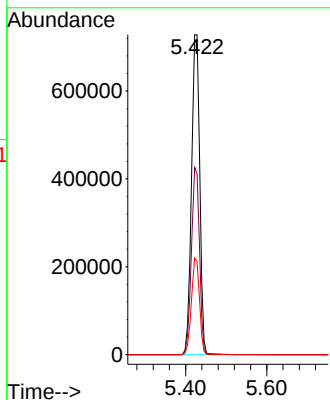
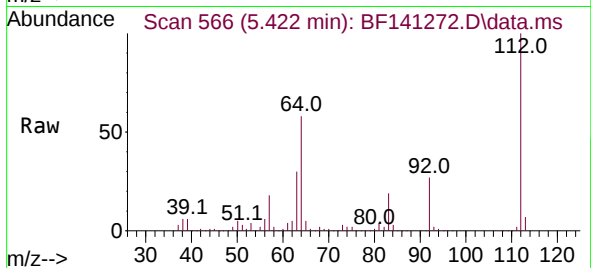
#5
2-Fluorophenol
Concen: 105.079 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

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ClientSampleId :
SP-COMPMSD

Tgt Ion:112 Resp: 1027834
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.2 24.2 36.2

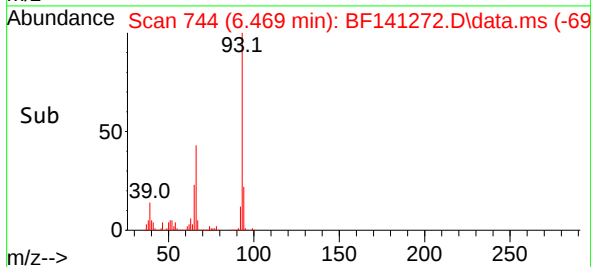
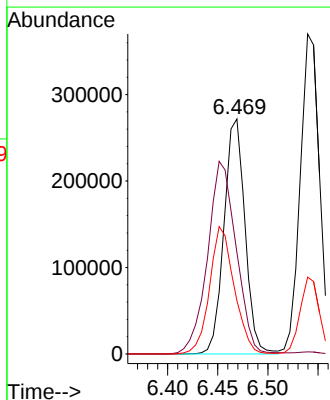
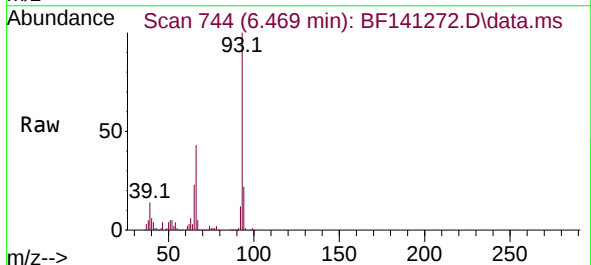
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#6
Aniline
Concen: 36.037 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

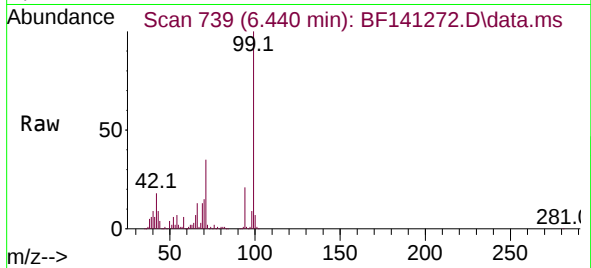
Tgt Ion: 93 Resp: 396432
Ion Ratio Lower Upper
93 100
66 43.2 31.5 47.3
65 22.7 15.3 22.9





#7
Phenol-d6
Concen: 104.259 ng
RT: 6.440 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

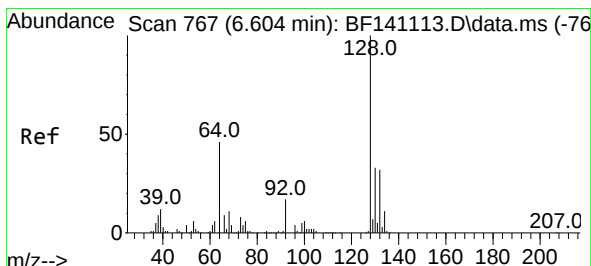
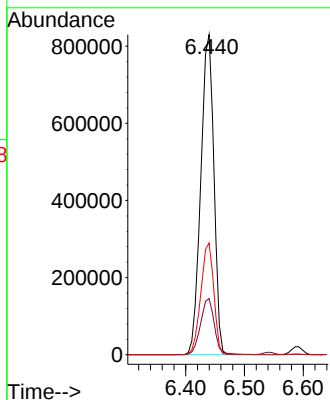
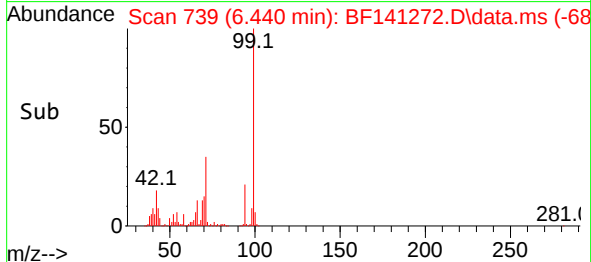
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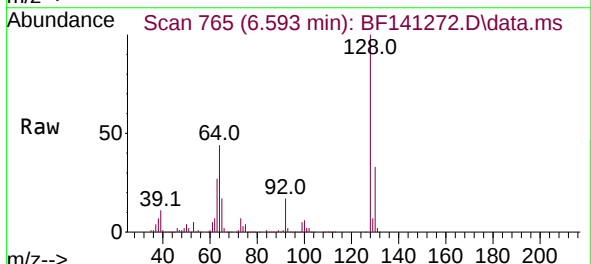
Tgt Ion: 99 Resp: 1291810
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.9 27.6 41.4

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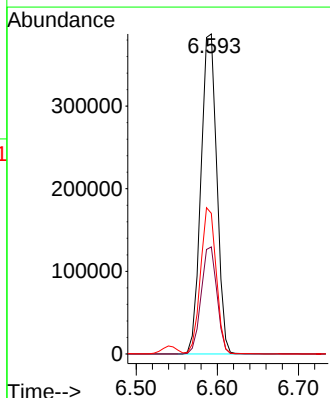
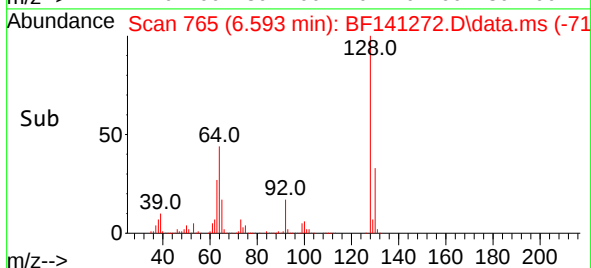
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#8
2-Chlorophenol
Concen: 50.086 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



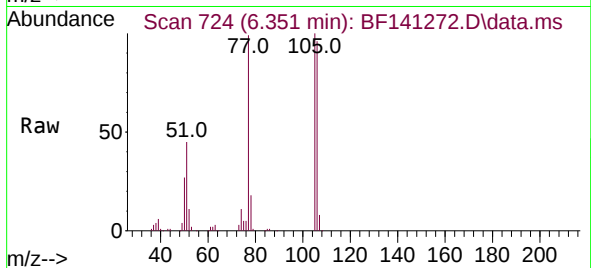
Tgt Ion:128 Resp: 525629
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 43.9 28.3 68.3





#9
Benzaldehyde
Concen: 7.246 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141272.D
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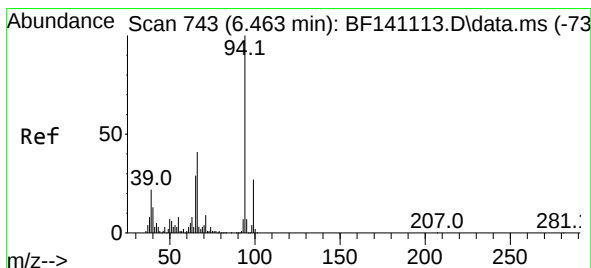
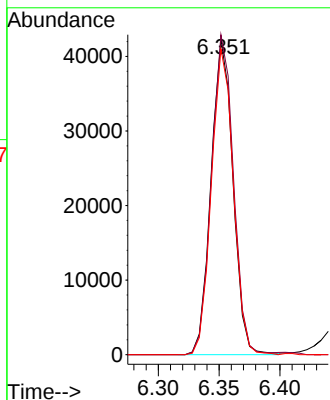
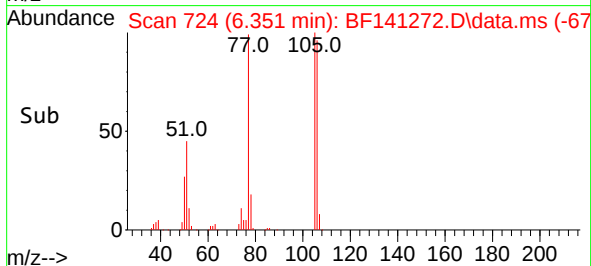
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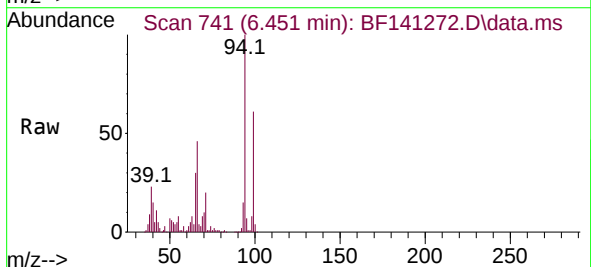
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Ion Ratio Lower Upper
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105 101.5 78.9 118.9
106 97.0 73.6 113.6

Manual Integrations
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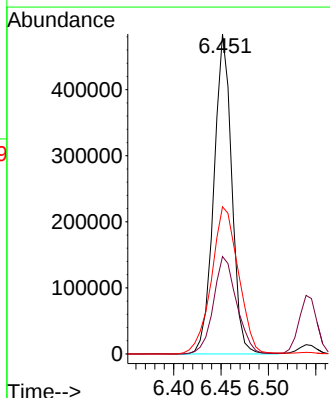
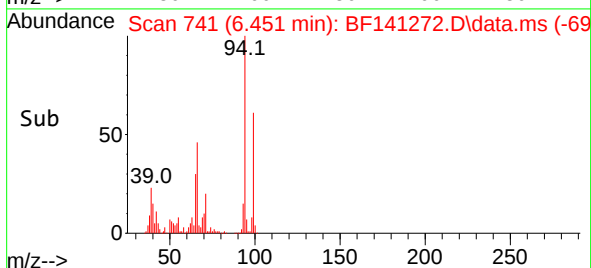
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 48.082 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



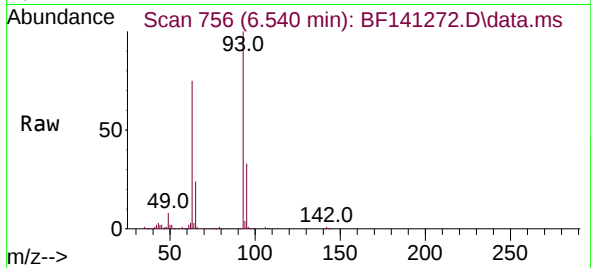
Tgt Ion: 94 Resp: 637738
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 46.0 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 49.414 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

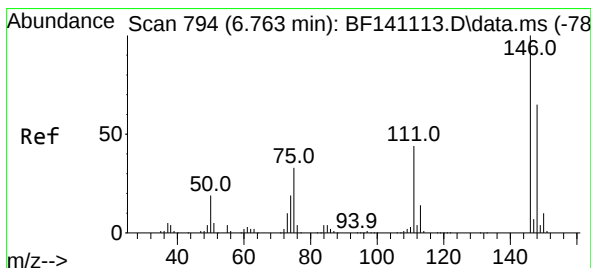
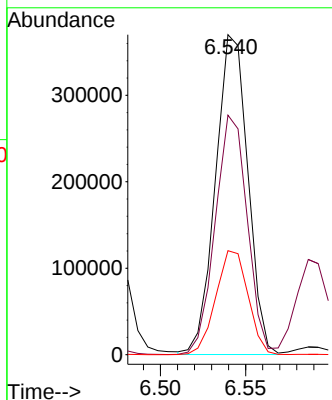
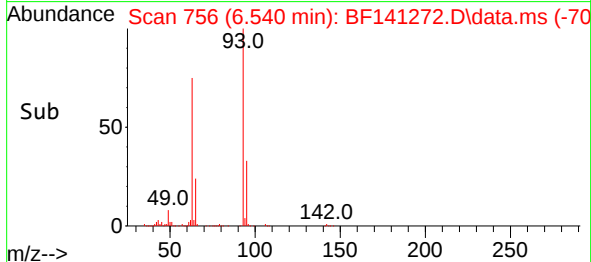
Instrument :
BNA_F
Client Sample Id :
SP-COMPMSD



Tgt Ion: 93 Resp: 488439
Ion Ratio Lower Upper
93 100
63 74.8 58.0 98.0
95 32.5 12.5 52.5

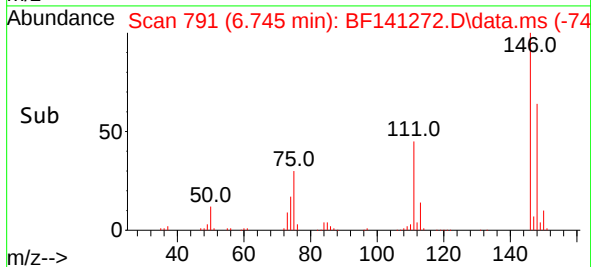
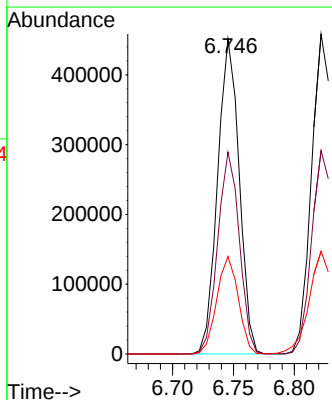
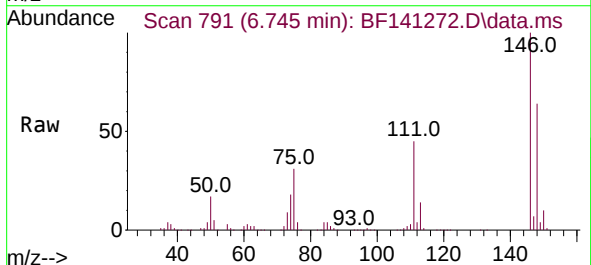
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#12
1,3-Dichlorobenzene
Concen: 47.671 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:146 Resp: 557963
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 31.0 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 47.938 ng

RT: 6.822 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

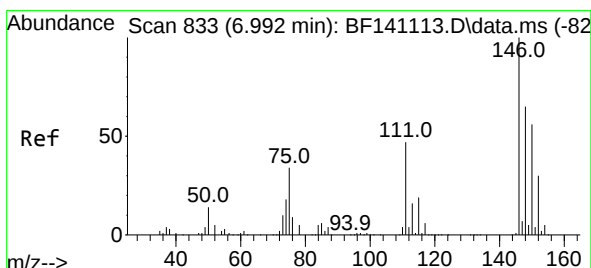
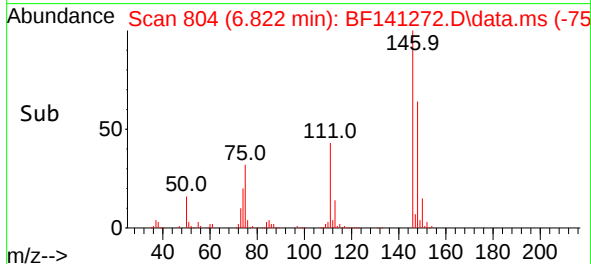
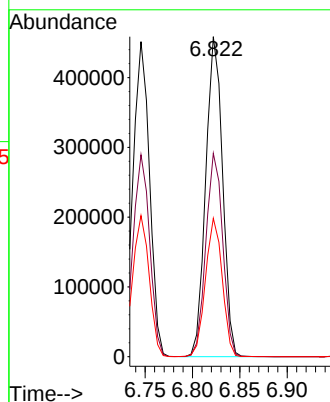
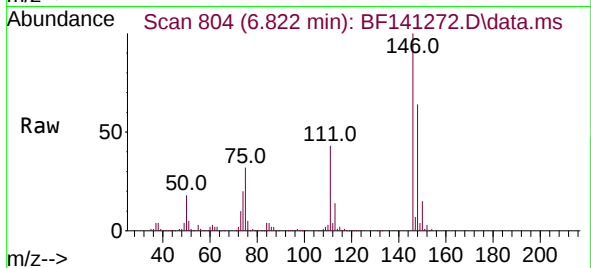
Tgt Ion:146 Resp: 565410

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	43.2	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#14

1,2-Dichlorobenzene

Concen: 49.033 ng

RT: 6.975 min Scan# 830

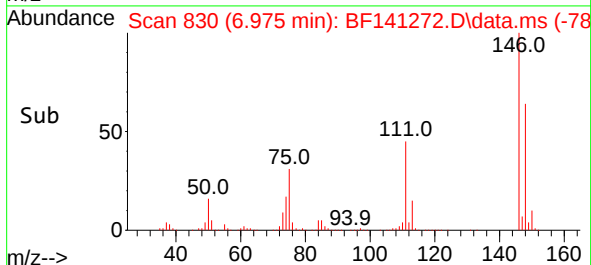
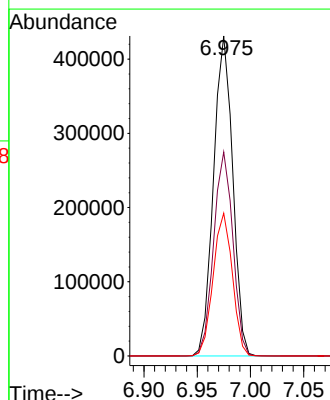
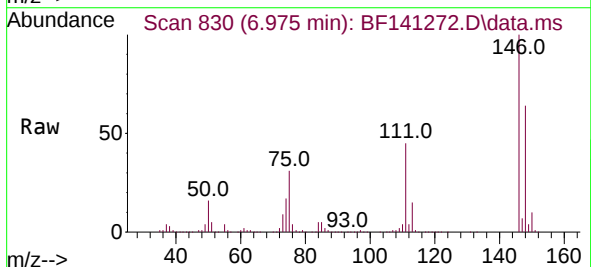
Delta R.T. -0.018 min

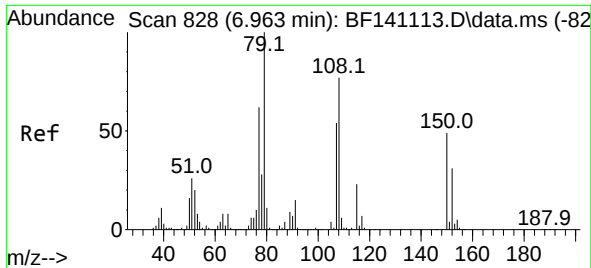
Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Tgt Ion:146 Resp: 539463

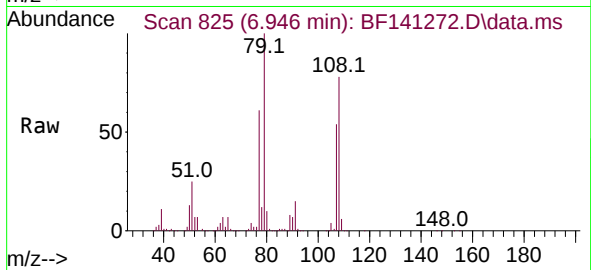
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	44.6	37.5	56.3





#15
Benzyl Alcohol
Concen: 49.941 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

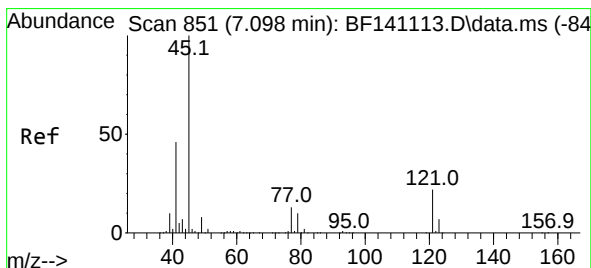
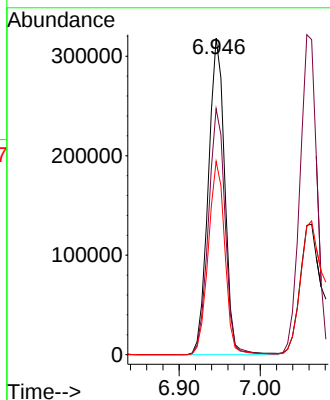
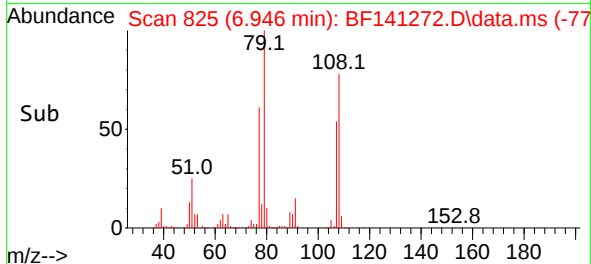
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



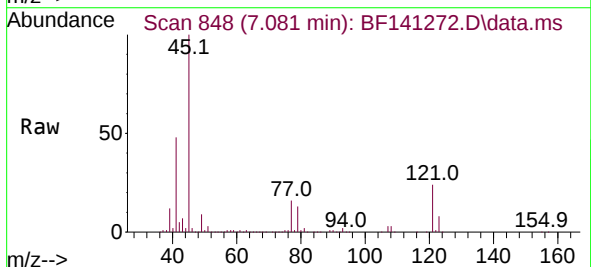
Tgt Ion: 79 Resp: 44687
Ion Ratio Lower Upper
79 100
108 77.8 61.4 92.0
77 61.1 49.8 74.6

Manual Integrations
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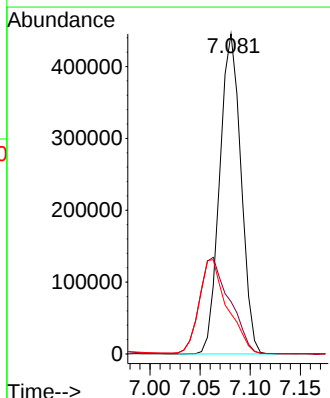
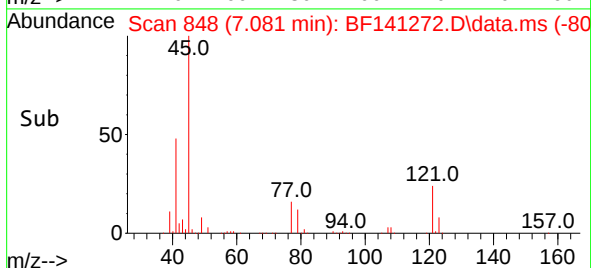
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

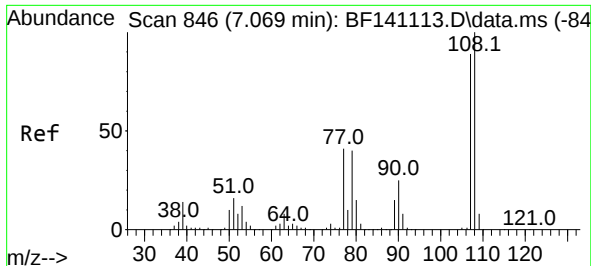


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.714 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion: 45 Resp: 658133
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.1
79 12.5 0.0 31.0





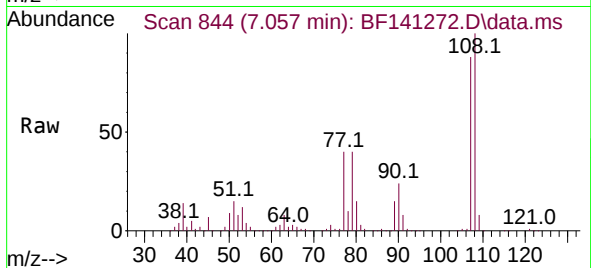
#17
2-Methylphenol
Concen: 48.603 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

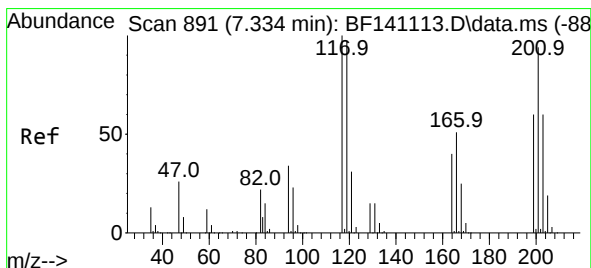
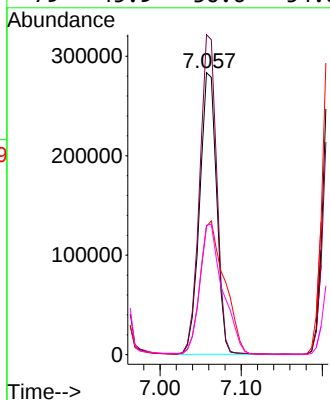
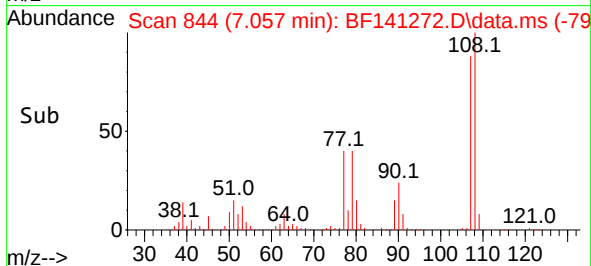


Tgt Ion:107 Resp: 411790
Ion Ratio Lower Upper
107 100
108 113.4 90.1 135.1
77 45.5 36.6 55.0
79 45.9 36.6 54.8

Manual Integrations

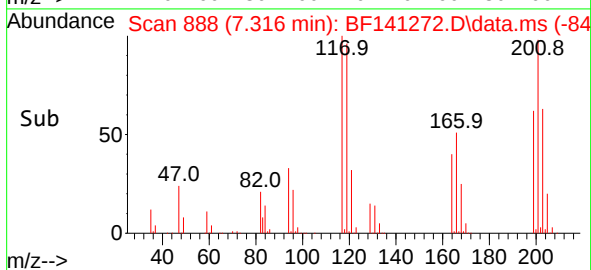
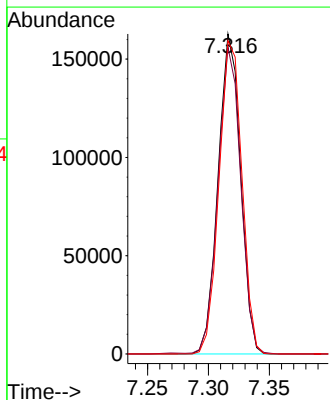
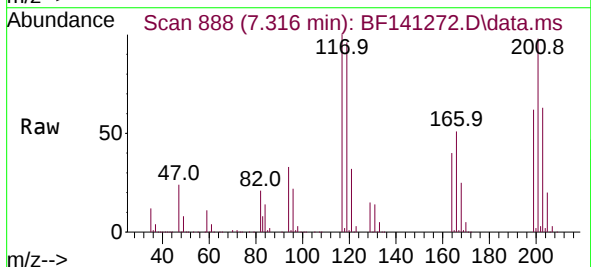
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Hexachloroethane
Concen: 49.103 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

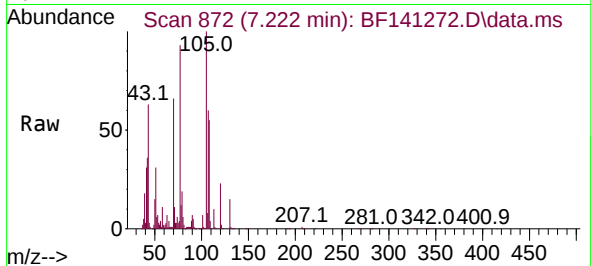
Tgt Ion:117 Resp: 209442
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4
201 97.9 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 47.496 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

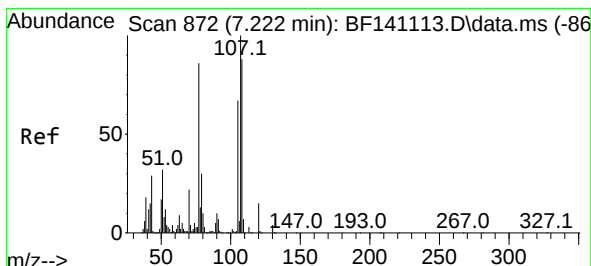
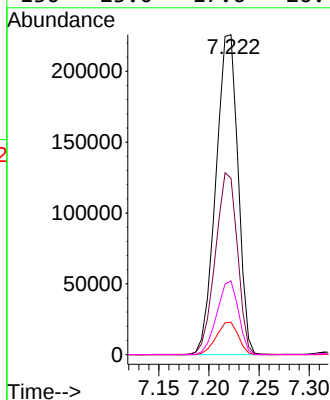
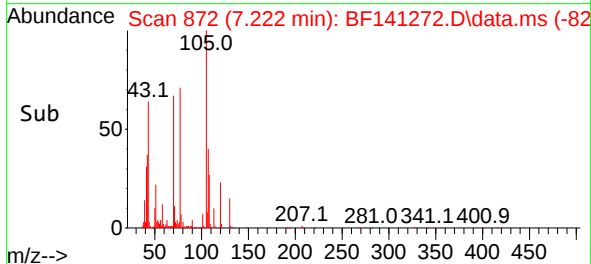
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion: 70 Resp: 34666
Ion Ratio Lower Upper
70 100
42 55.2 47.8 71.6
101 10.2 7.9 11.9
130 23.0 17.6 26.4

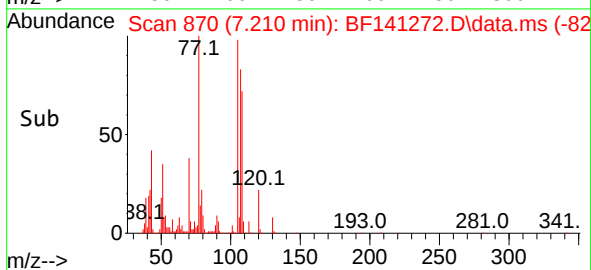
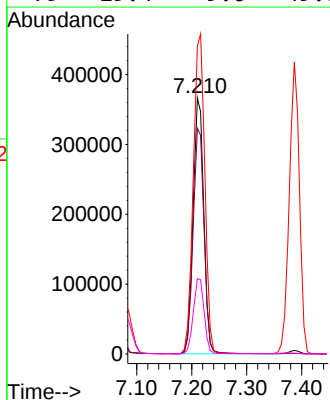
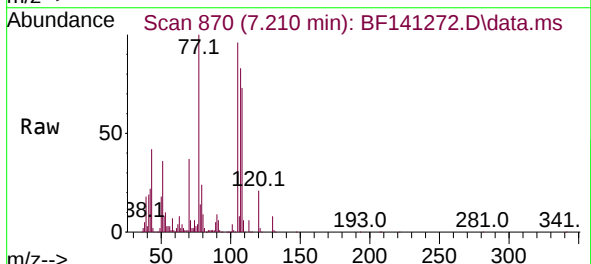
Manual Integrations
APPROVED

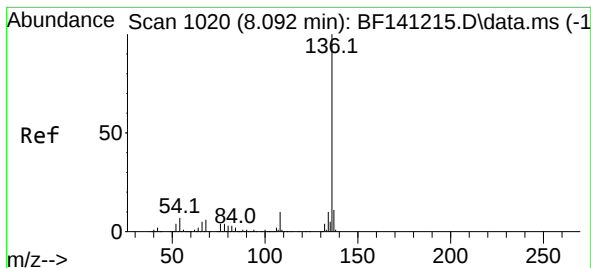
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#20
3+4-Methylphenols
Concen: 46.309 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

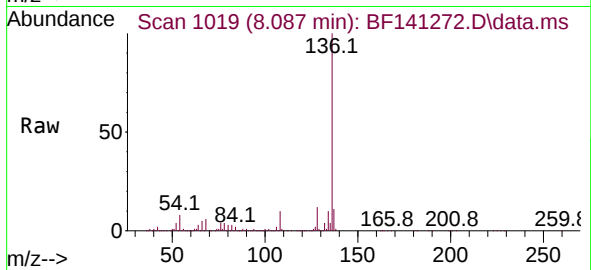
Tgt Ion:107 Resp: 495003
Ion Ratio Lower Upper
107 100
108 88.2 68.3 108.3
77 120.4 66.4 106.4#
79 29.4 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

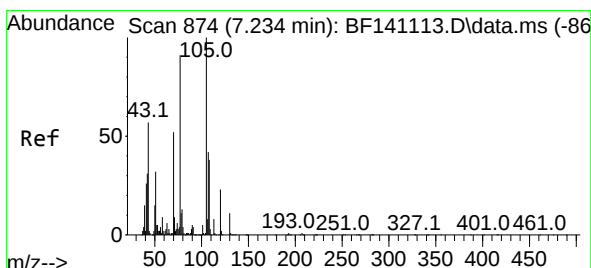
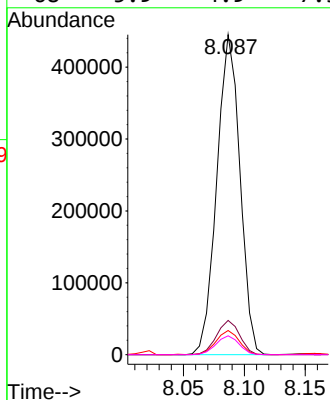
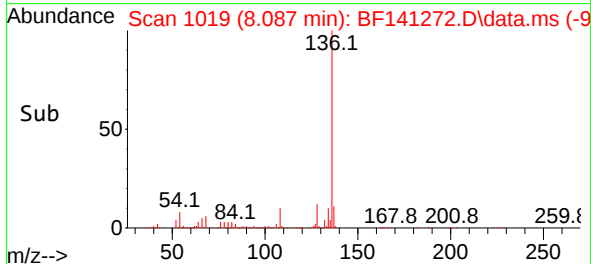
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:136 Resp: 589538
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 5.9 4.9 7.3

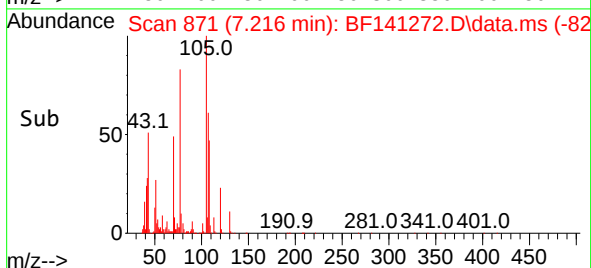
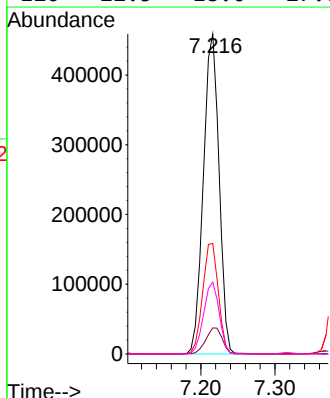
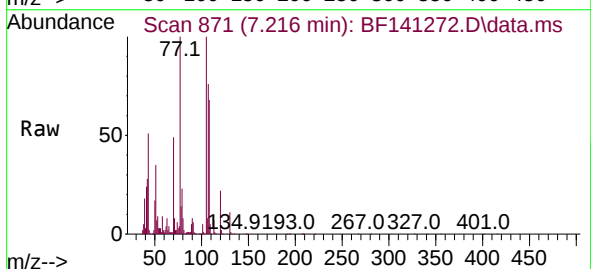
Manual Integrations
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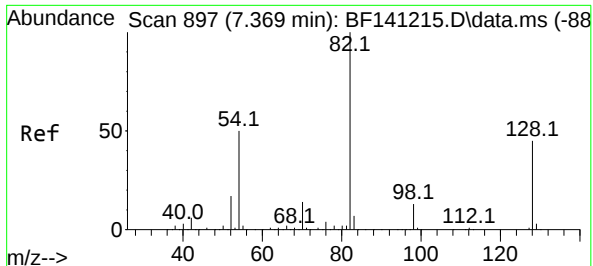
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#22
Acetophenone
Concen: 48.101 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:105 Resp: 674120
Ion Ratio Lower Upper
105 100
71 8.1 7.1 10.7
51 34.5 25.4 38.2
120 22.5 18.0 27.0





#23

Nitrobenzene-d5

Concen: 74.697 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141272.D

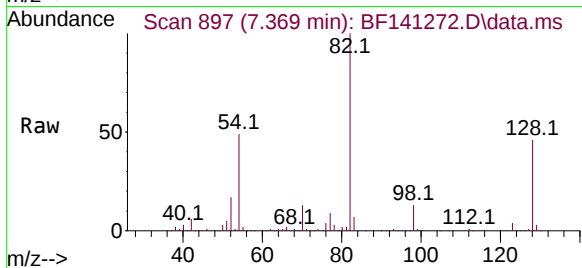
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD



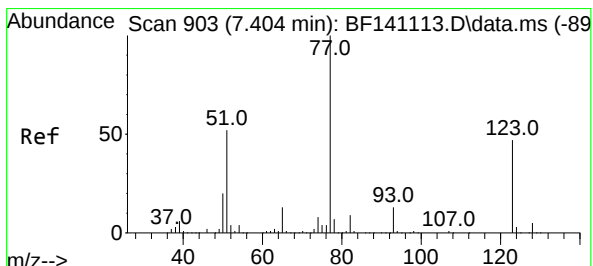
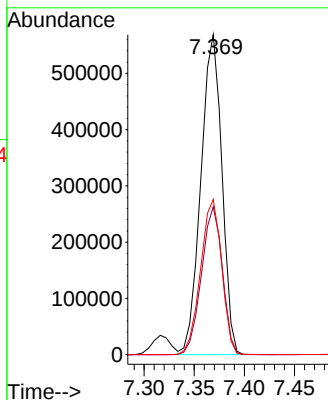
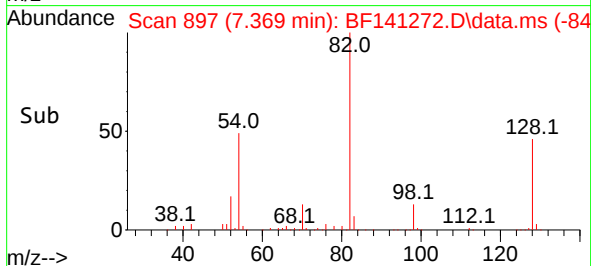
Tgt Ion: 82 Resp: 830744

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	48.5	41.0	61.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#24

Nitrobenzene

Concen: 46.202 ng

RT: 7.387 min Scan# 900

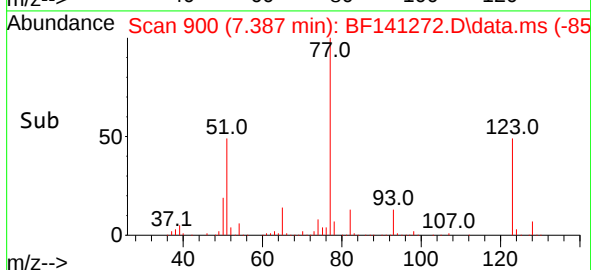
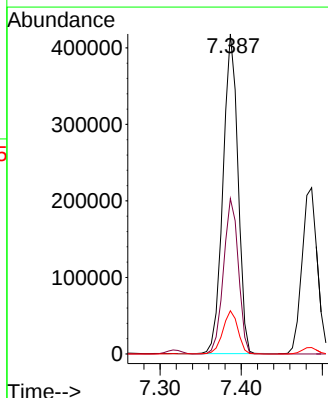
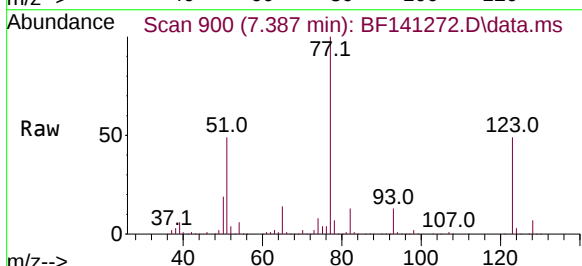
Delta R.T. -0.018 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Tgt Ion: 77 Resp: 535529

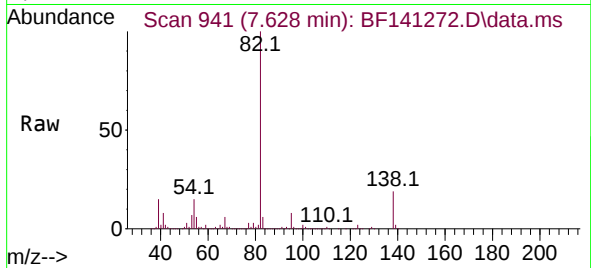
Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.7	56.5
65	13.5	10.6	16.0





#25
Isophorone
Concen: 49.958 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

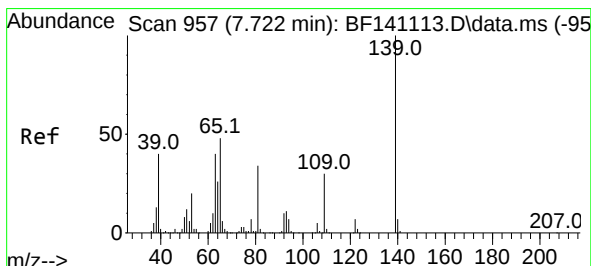
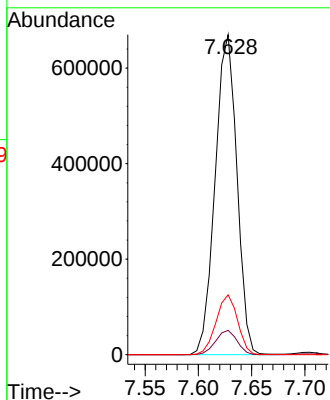
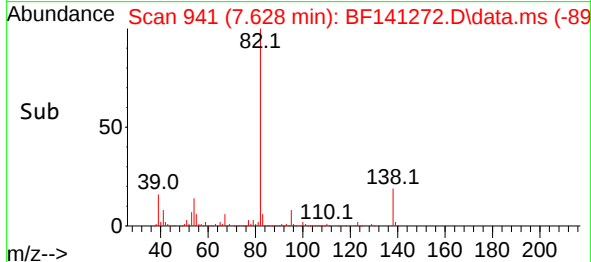
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion: 82 Resp: 949508
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.7 14.2 21.2

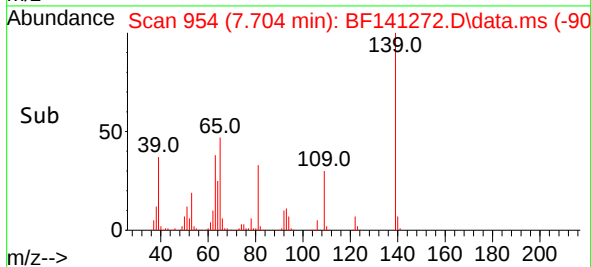
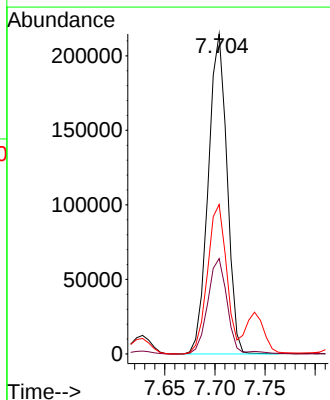
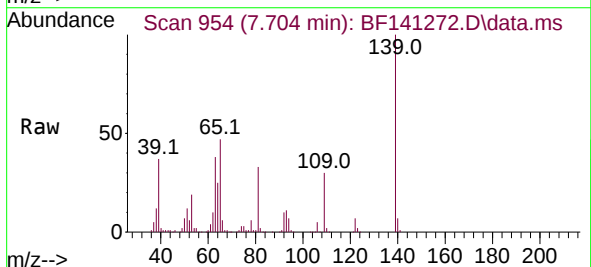
Manual Integrations
APPROVED

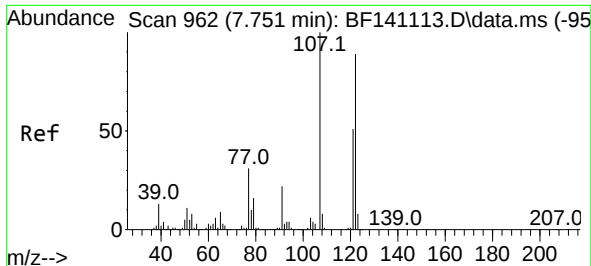
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 53.087 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

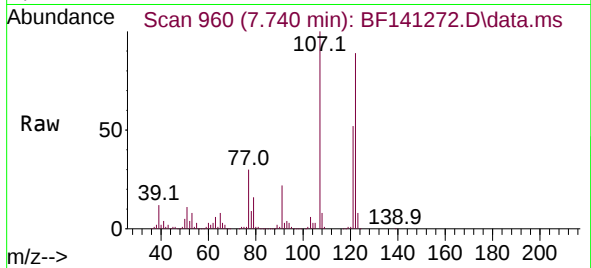
Tgt Ion:139 Resp: 279908
Ion Ratio Lower Upper
139 100
109 29.8 23.8 35.6
65 46.7 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 57.948 ng
RT: 7.740 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

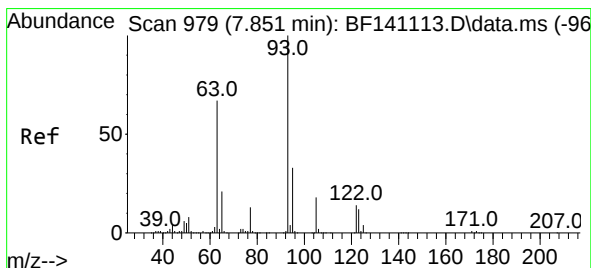
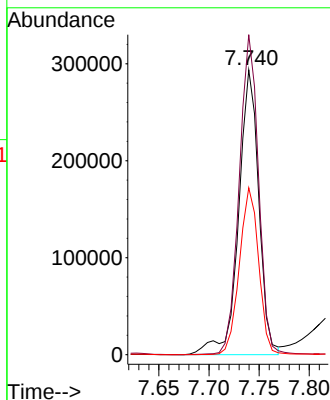
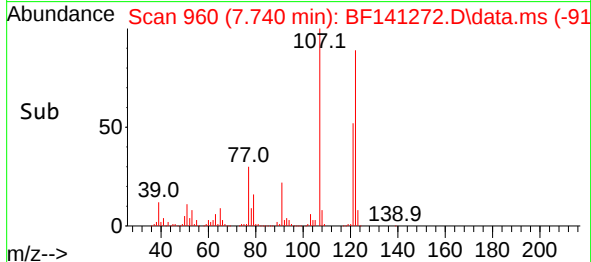
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:122 Resp: 412125
Ion Ratio Lower Upper
122 100
107 112.4 90.3 135.5
121 58.6 46.5 69.7

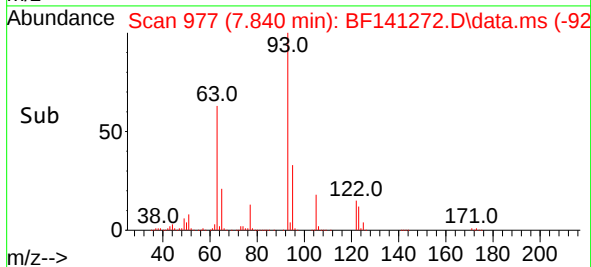
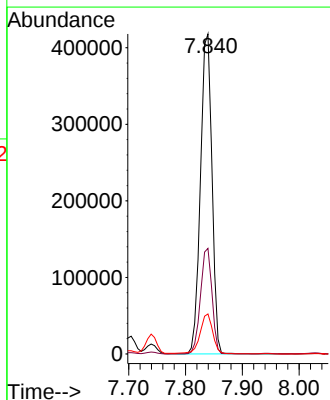
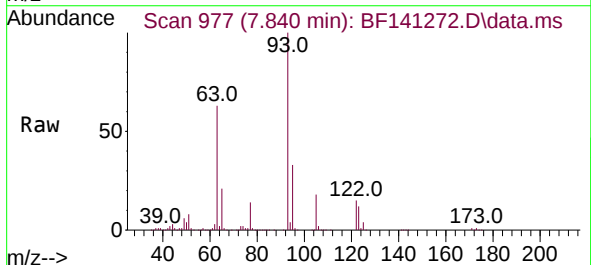
Manual Integrations
APPROVED

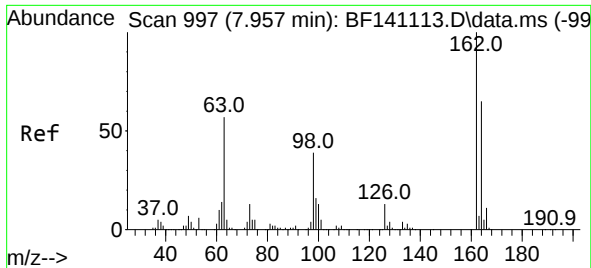
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#28
bis(2-Chloroethoxy)methane
Concen: 49.306 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion: 93 Resp: 588119
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 49.624 ng

RT: 7.945 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF141272.D

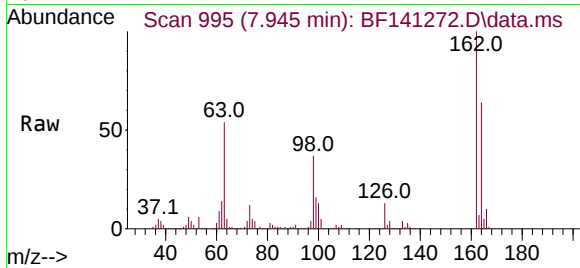
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD



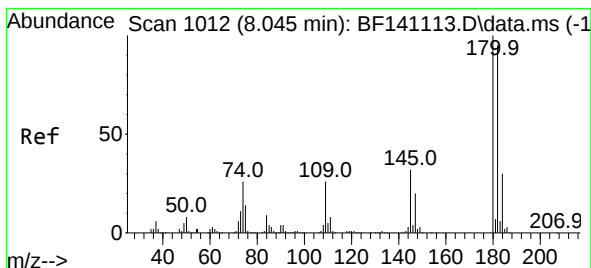
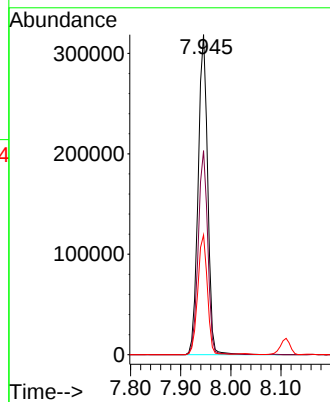
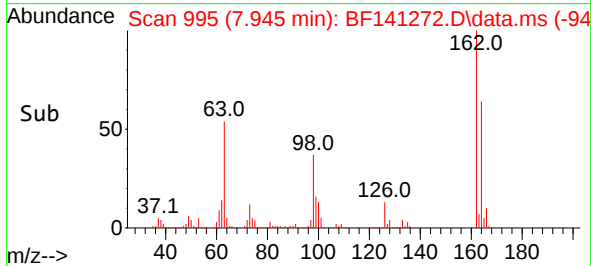
Tgt Ion:162 Resp: 419154

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.5	84.5
98	37.4	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#30

1,2,4-Trichlorobenzene

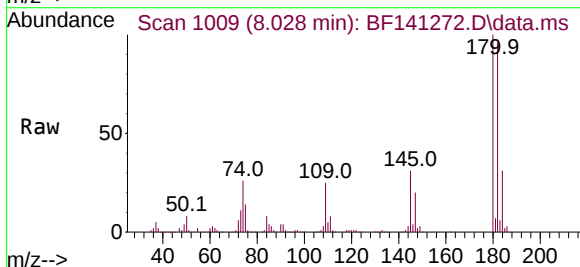
Concen: 47.783 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

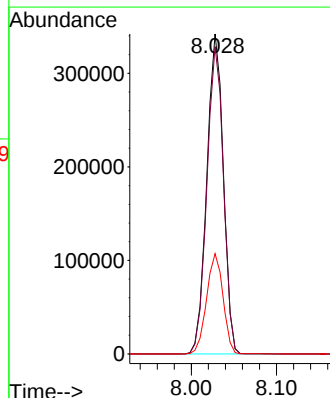
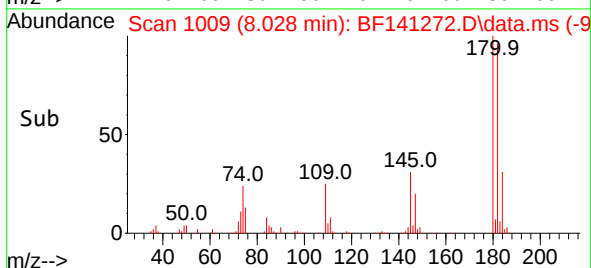
Lab File: BF141272.D

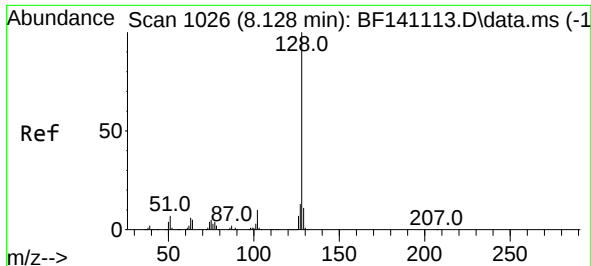
Acq: 27 Jan 2025 15:05



Tgt Ion:180 Resp: 461340

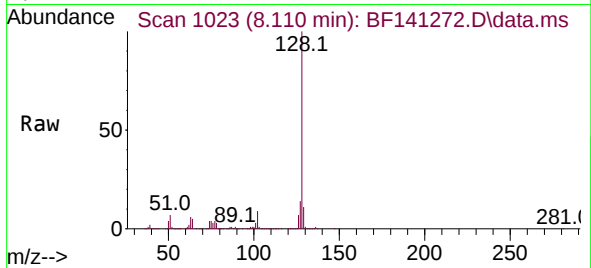
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.2
145	31.3	25.3	37.9





#31
Naphthalene
Concen: 48.153 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

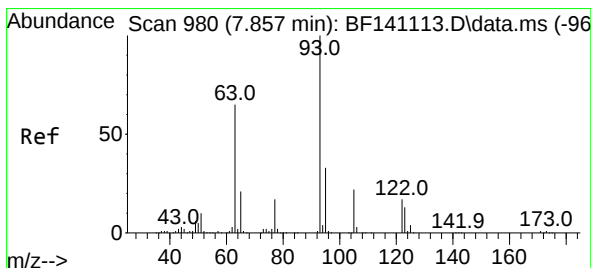
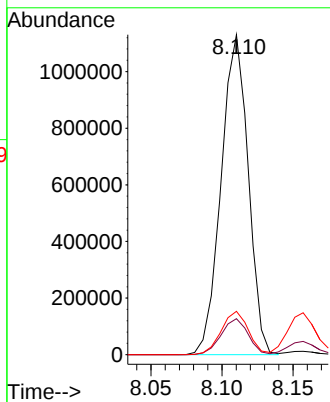
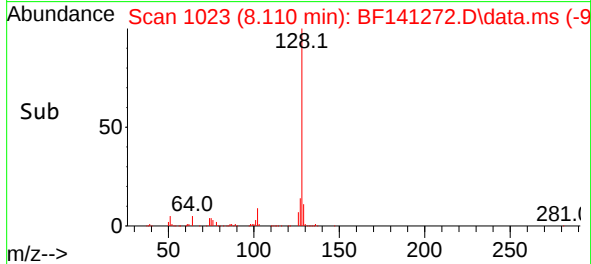
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:128 Resp: 149708
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

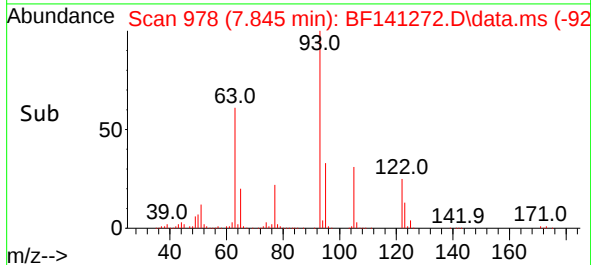
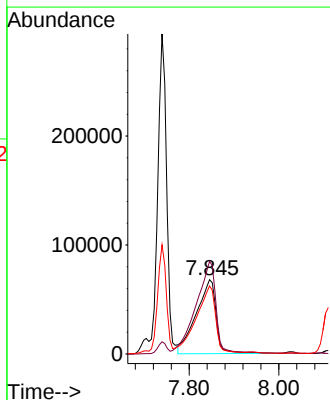
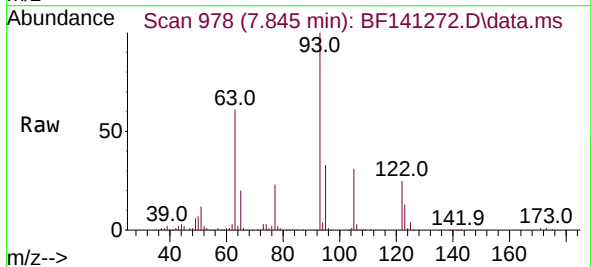
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#32
Benzoic acid
Concen: 30.877 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:122 Resp: 210656
Ion Ratio Lower Upper
122 100
105 124.7 105.5 145.5
77 91.7 75.1 115.1





#33
4-Chloroaniline
Concen: 20.587 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

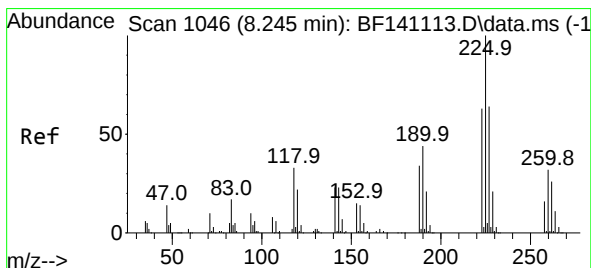
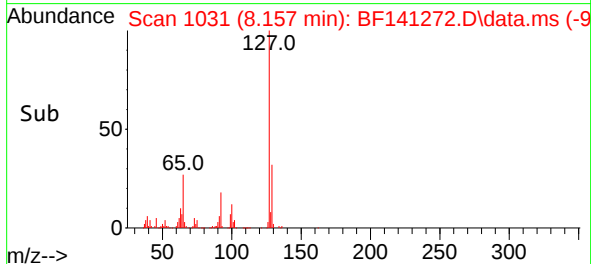
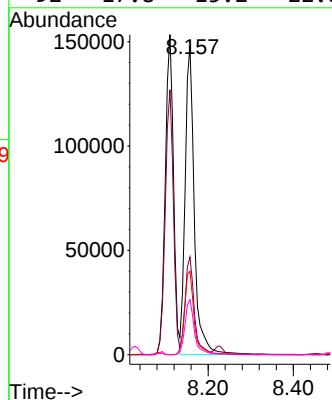
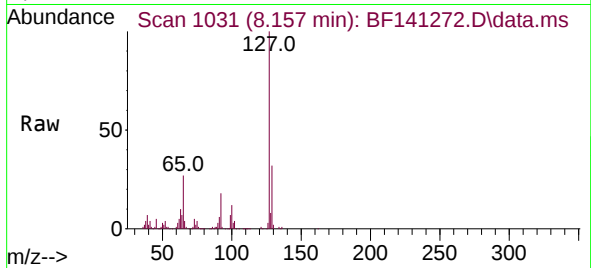
SP-COMPMSD

Tgt Ion:127 Resp: 221350
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 27.1 23.8 35.8
92 17.8 15.2 22.8

Manual Integrations

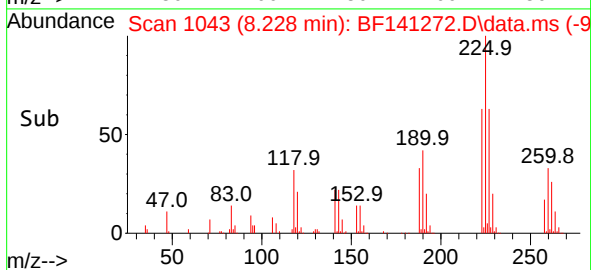
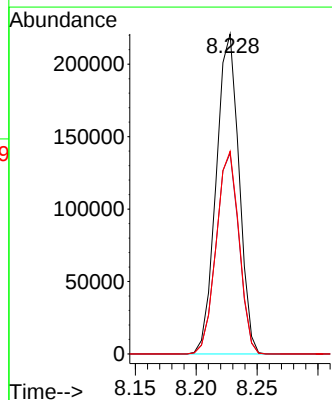
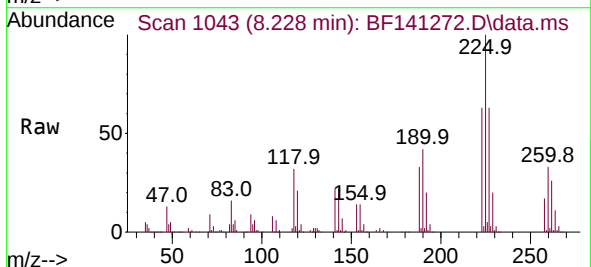
APPROVED

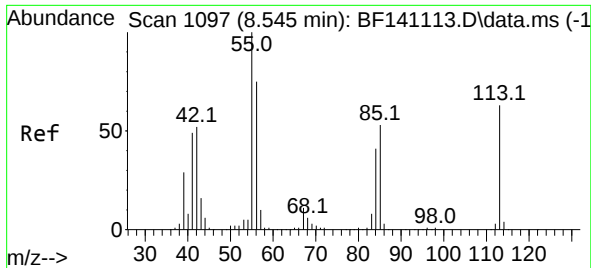
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#34
Hexachlorobutadiene
Concen: 49.470 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

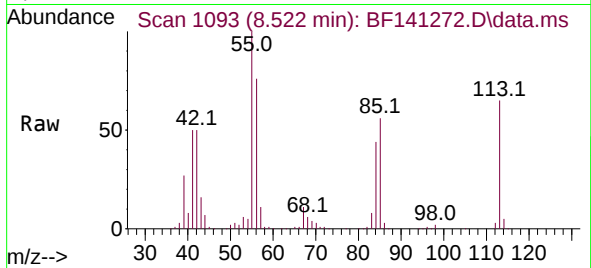
Tgt Ion:225 Resp: 287795
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.4 51.6 77.4





#35
Caprolactam
Concen: 44.303 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

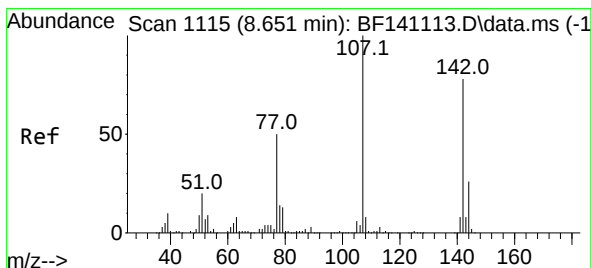
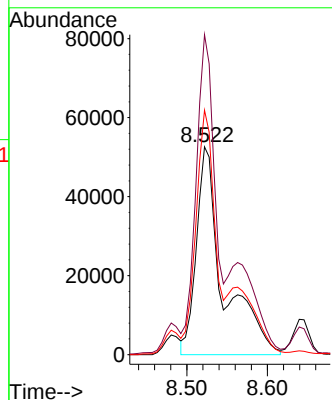
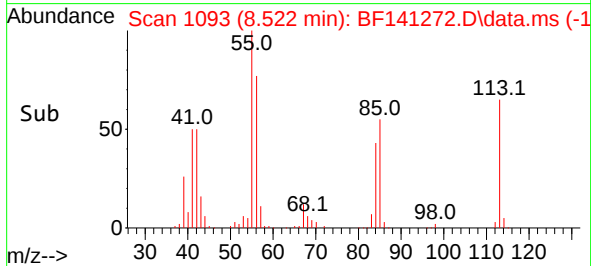
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:113 Resp: 122514
Ion Ratio Lower Upper
113 100
55 154.0 139.7 179.7
56 117.6 99.4 139.4

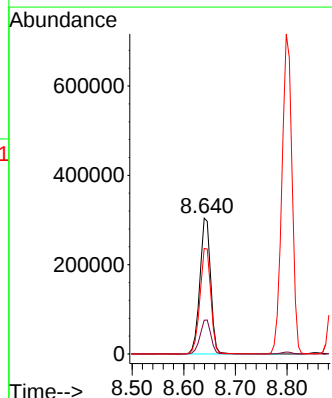
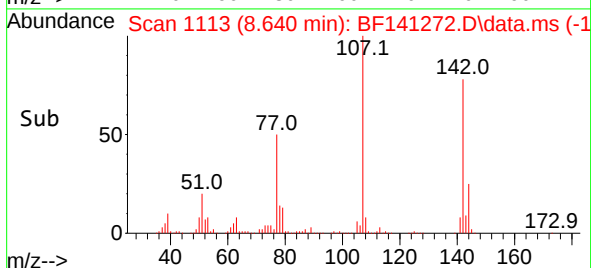
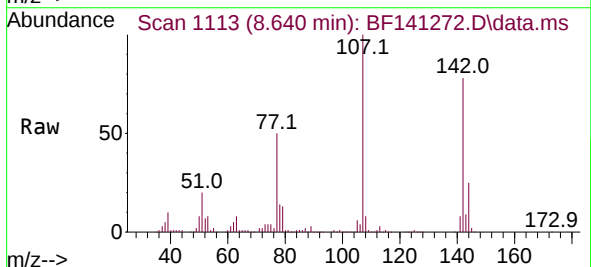
Manual Integrations
APPROVED

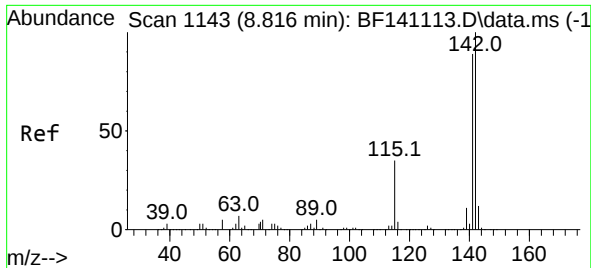
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#36
4-Chloro-3-methylphenol
Concen: 47.834 ng
RT: 8.640 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

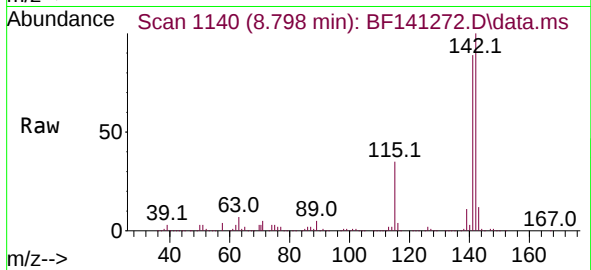
Tgt Ion:107 Resp: 441872
Ion Ratio Lower Upper
107 100
144 24.8 20.4 30.6
142 77.6 62.2 93.2





#37
2-Methylnaphthalene
Concen: 49.106 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

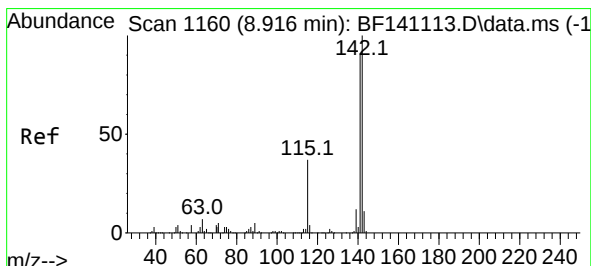
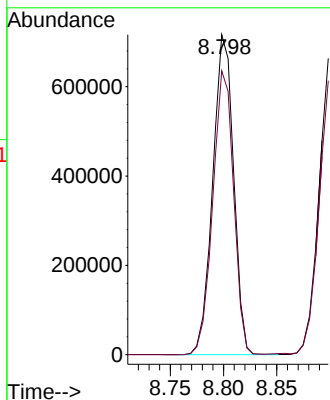
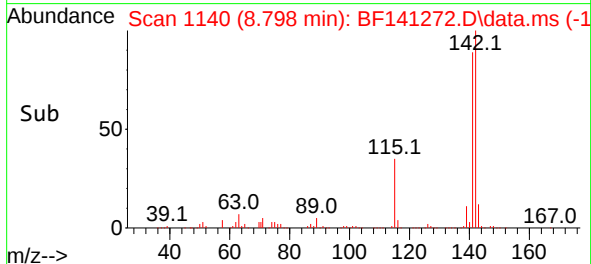
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:142 Resp: 972870
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

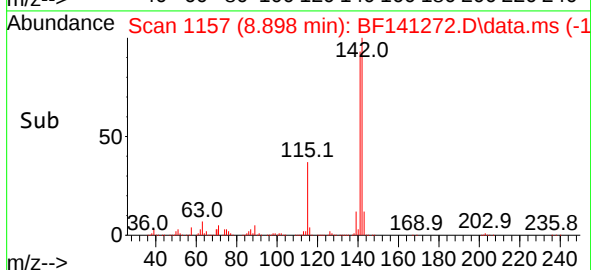
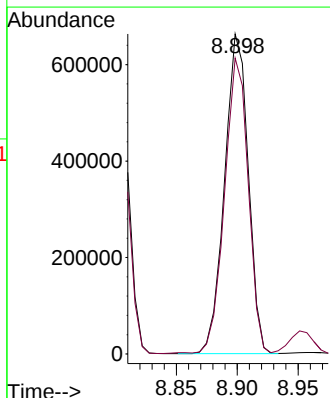
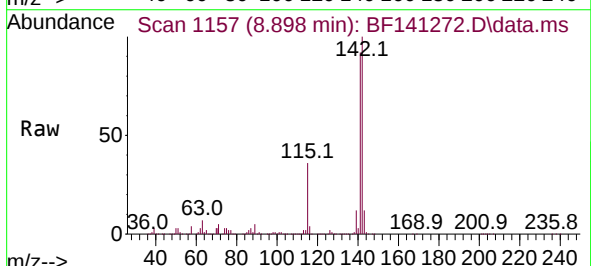
Manual Integrations
APPROVED

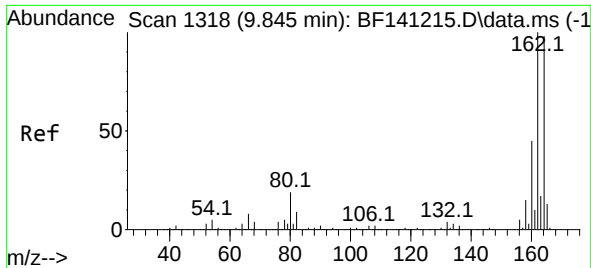
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 46.081 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:142 Resp: 899730
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





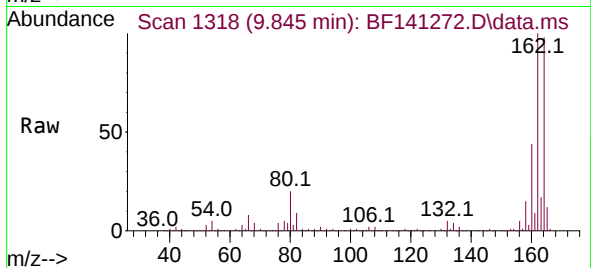
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

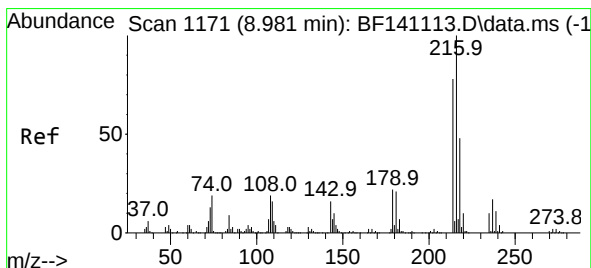
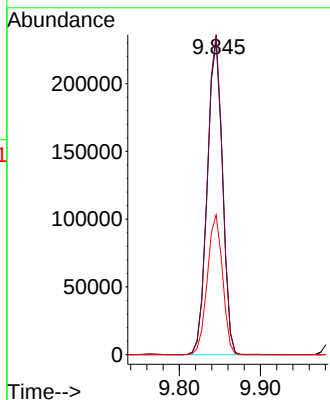
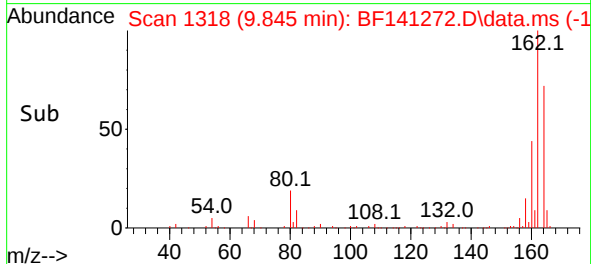


Tgt Ion:164 Resp: 300435
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.5 36.1 54.1

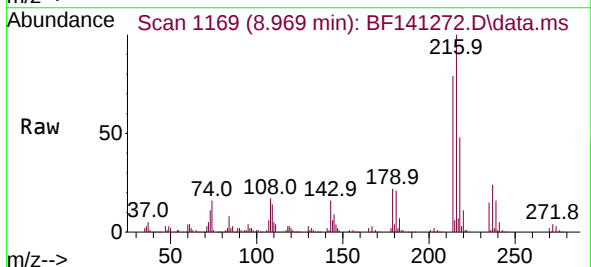
Manual Integrations

APPROVED

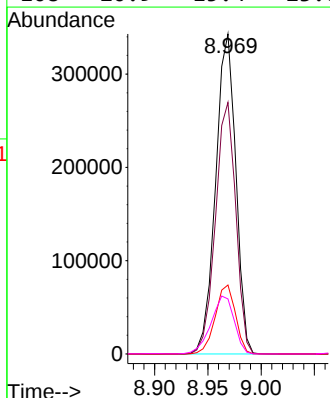
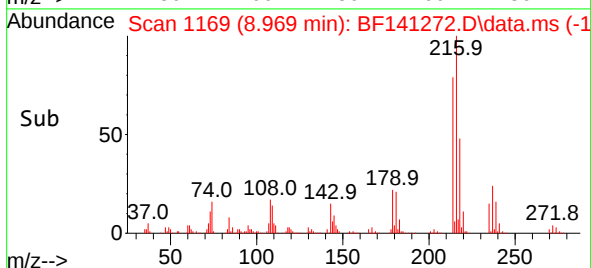
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.360 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



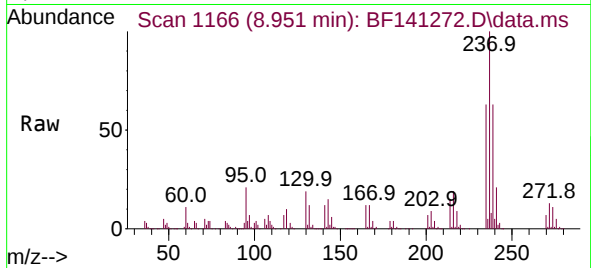
Tgt Ion:216 Resp: 451504
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 21.7 17.7 26.5
108 20.9 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 191.328 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

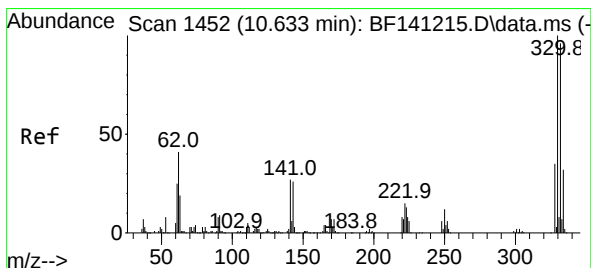
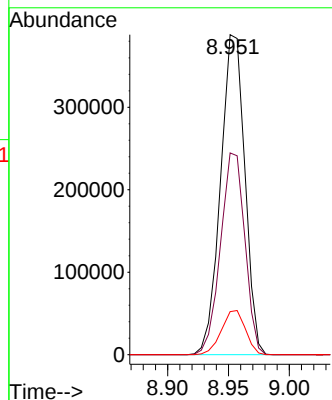
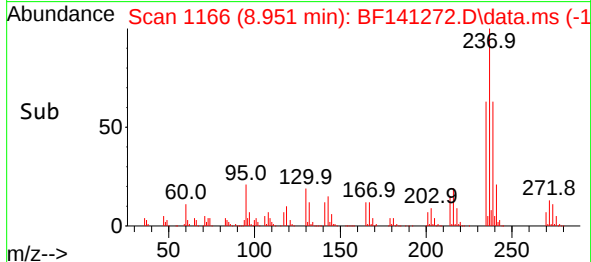
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



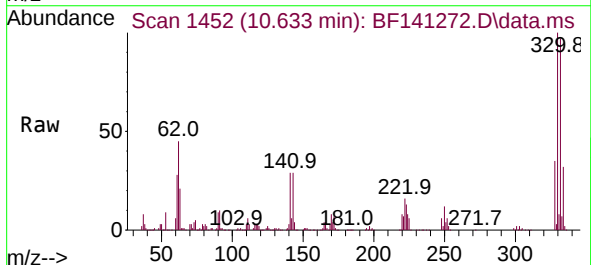
Tgt Ion: 237 Resp: 539769
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.4 0.0 33.0

Manual Integrations
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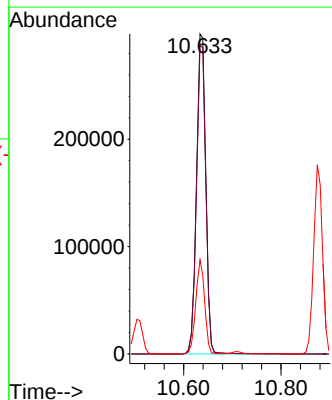
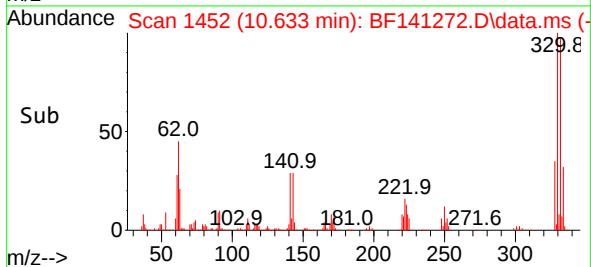
Reviewed By : Jagrut Upadhyay 01/28/2025
Supervised By : mohammad ahmed 01/31/2025



#42
2,4,6-Tribromophenol
Concen: 116.013 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



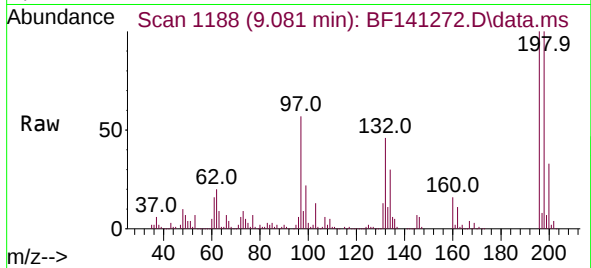
Tgt Ion: 330 Resp: 397143
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.1 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 51.568 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

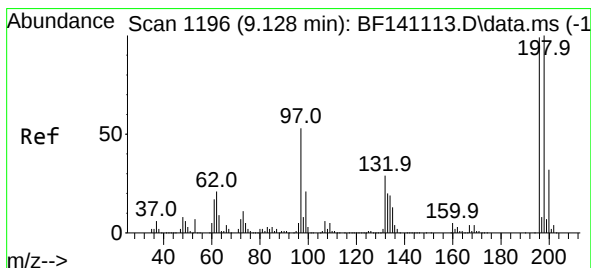
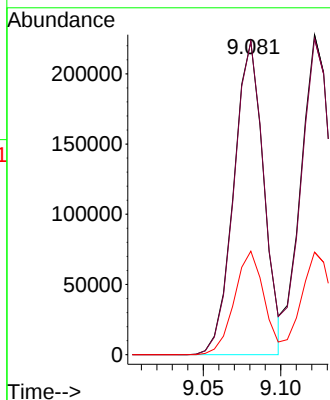
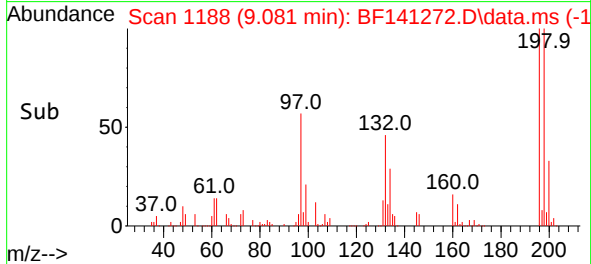
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



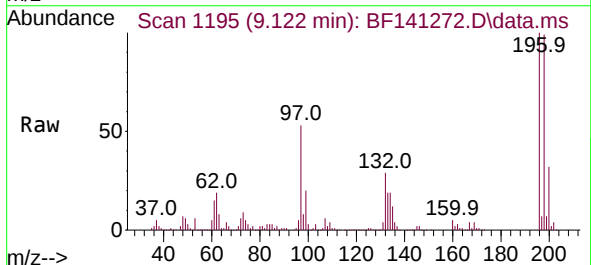
Tgt Ion:196 Resp: 299900
Ion Ratio Lower Upper
196 100
198 100.1 80.8 121.2
200 33.0 25.7 38.5

Manual Integrations
APPROVED

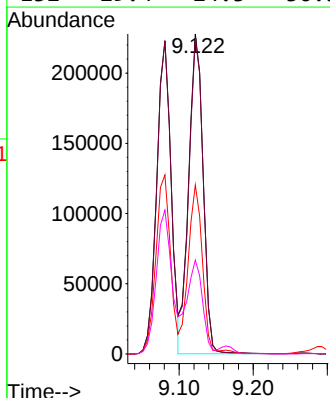
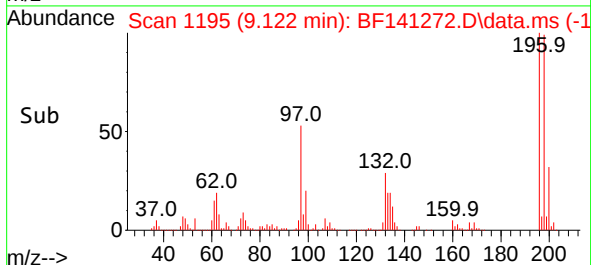
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

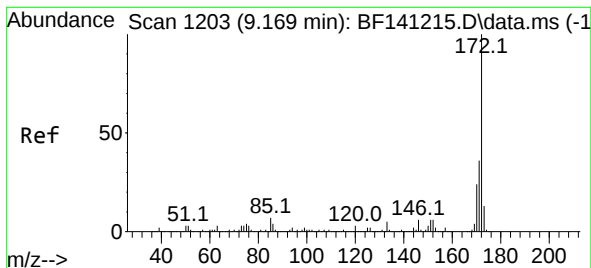


#44
2,4,5-Trichlorophenol
Concen: 50.071 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:196 Resp: 307543
Ion Ratio Lower Upper
196 100
198 98.7 80.6 120.8
97 52.8 43.1 64.7
132 29.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.607 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141272.D

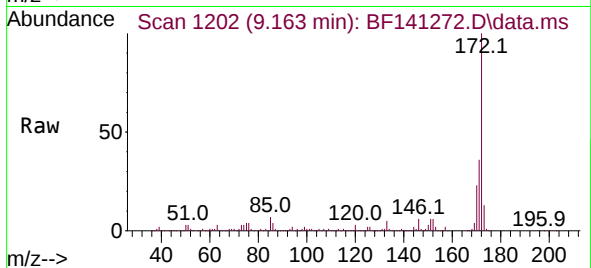
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD



Tgt Ion:172 Resp: 1546540

Ion Ratio Lower Upper

172 100

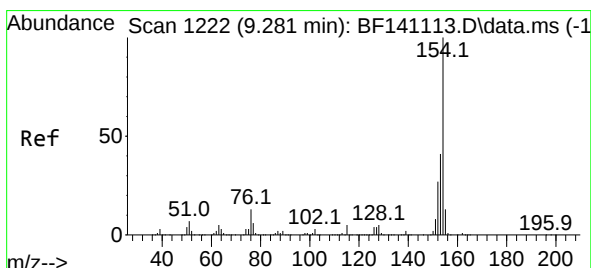
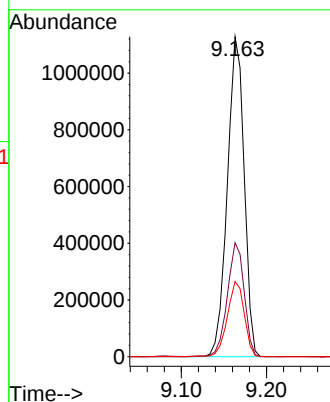
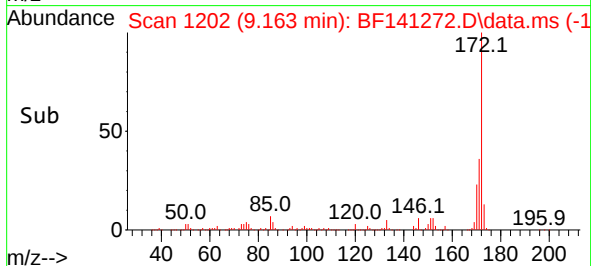
171 35.6 28.7 43.1

170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#46

1,1'-Biphenyl

Concen: 50.708 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

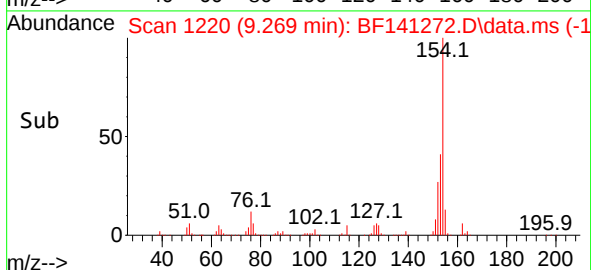
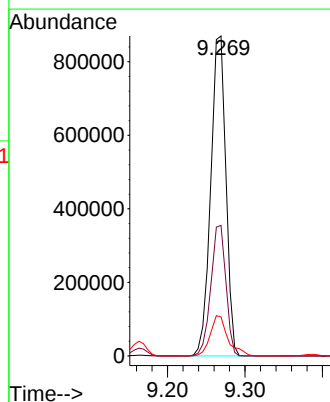
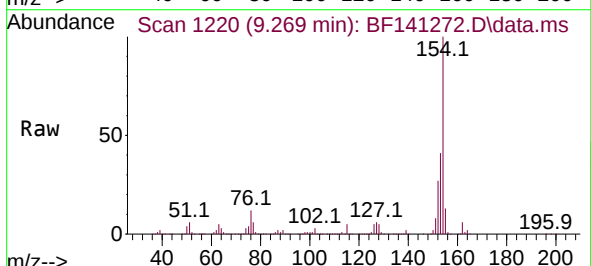
Tgt Ion:154 Resp: 1183109

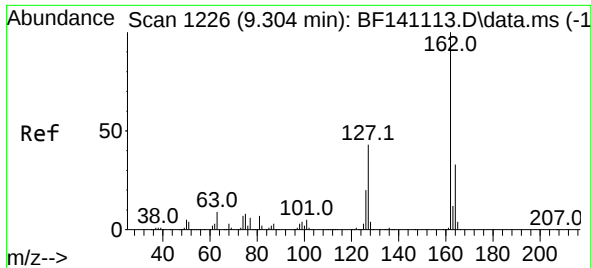
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.2 0.0 33.1





#47
2-Chloronaphthalene
Concen: 48.791 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

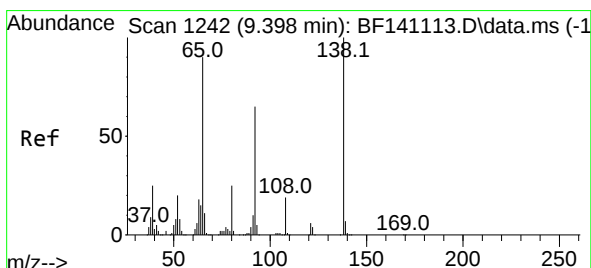
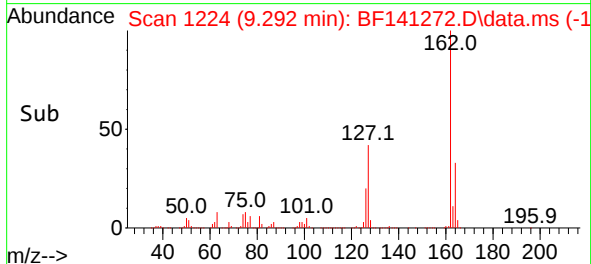
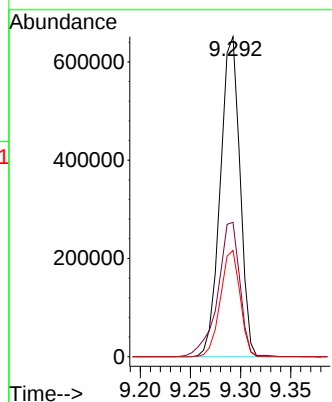
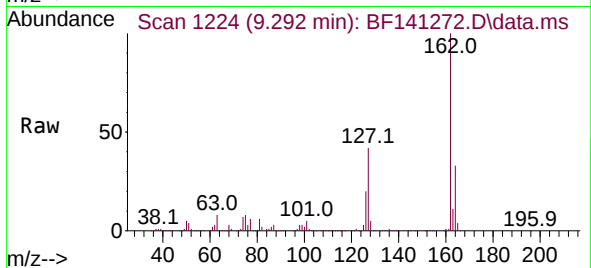
ClientSampleId :

SP-COMPMSD

Tgt Ion:162 Resp: 88665
Ion Ratio Lower Upper
162 100
127 42.0 34.6 51.8
164 33.2 26.5 39.7

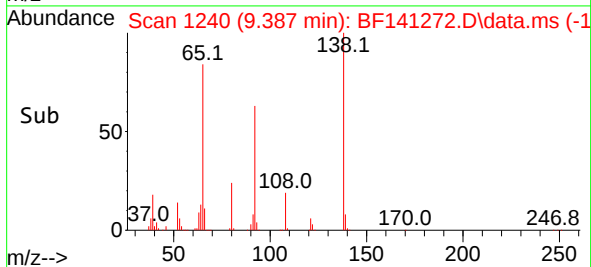
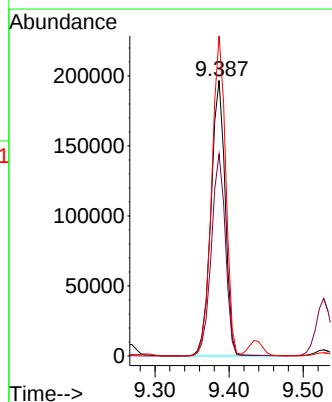
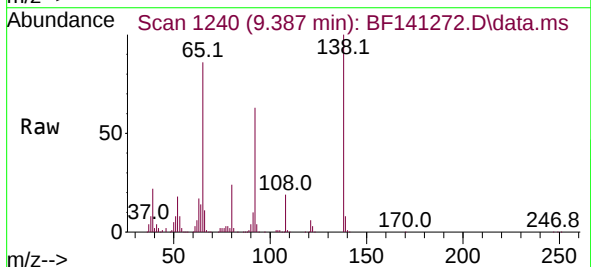
Manual Integrations
APPROVED

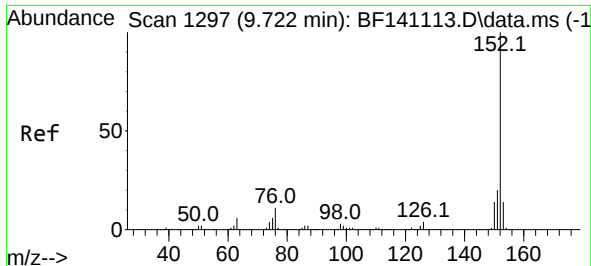
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#48
2-Nitroaniline
Concen: 48.730 ng
RT: 9.387 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

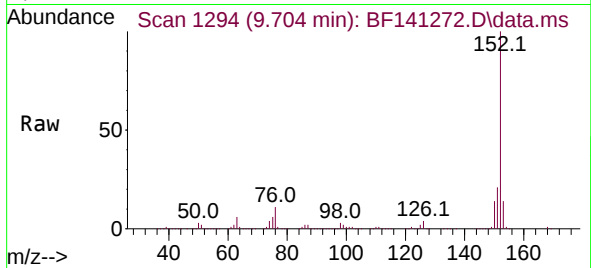
Tgt Ion: 65 Resp: 262507
Ion Ratio Lower Upper
65 100
92 73.3 58.3 87.5
138 116.2 89.1 133.7





#49
Acenaphthylene
Concen: 52.293 ng
RT: 9.704 min Scan# 1297
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

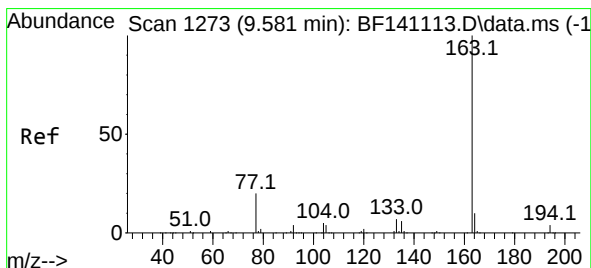
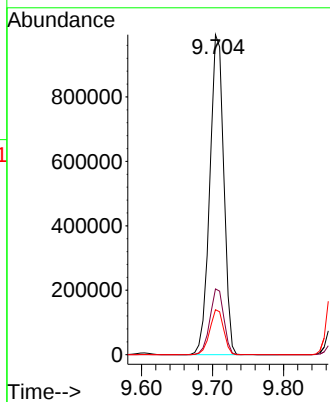
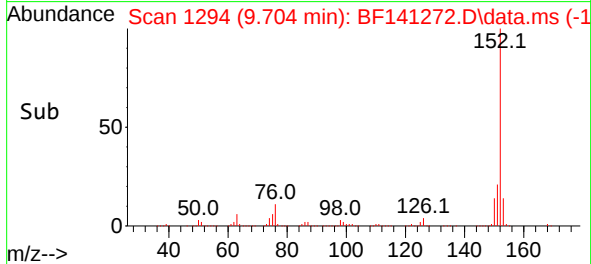
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:152 Resp: 135768
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.1 11.1 16.7

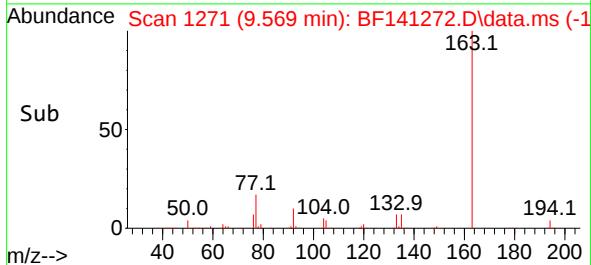
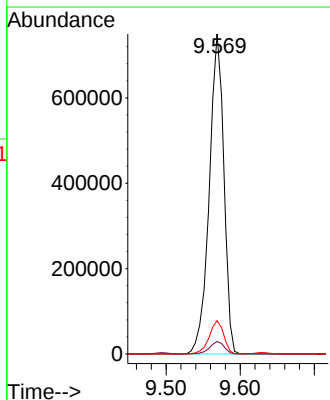
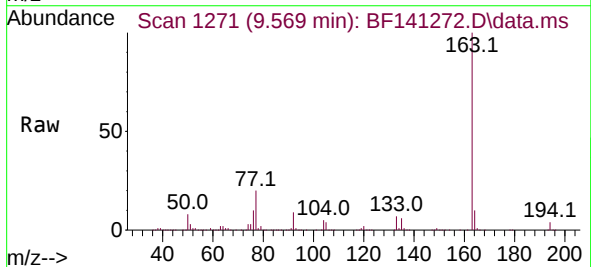
Manual Integrations
APPROVED

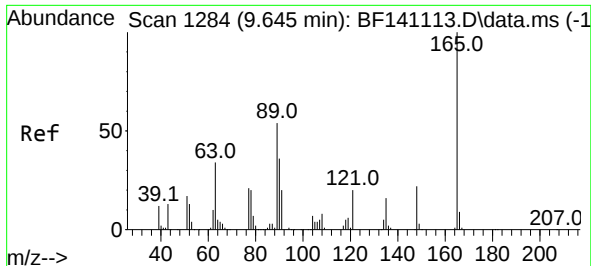
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#50
Dimethylphthalate
Concen: 50.811 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:163 Resp: 1024820
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





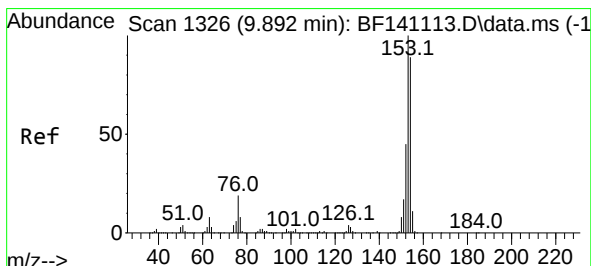
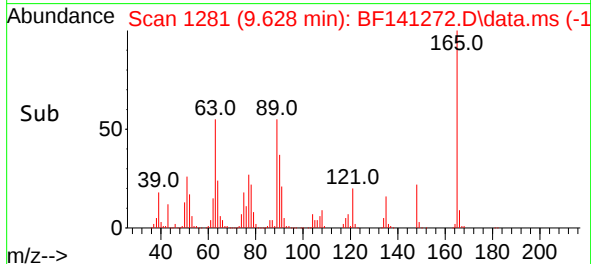
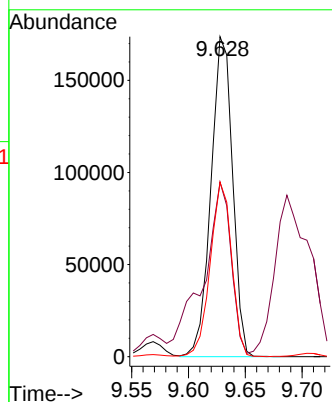
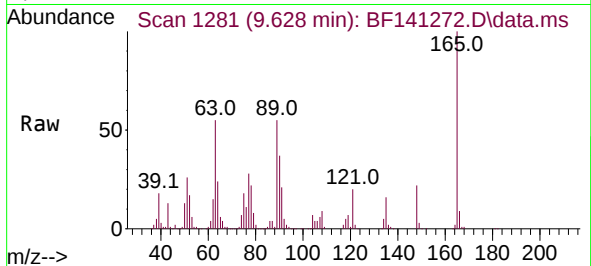
#51
2,6-Dinitrotoluene
Concen: 49.032 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD

Tgt Ion:165 Resp: 229970
Ion Ratio Lower Upper
165 100
63 54.6 42.3 63.5
89 54.5 43.1 64.7

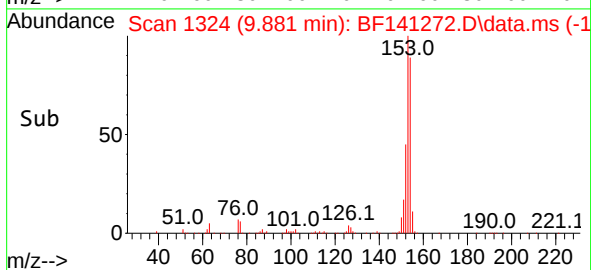
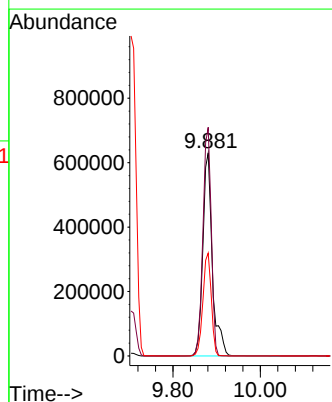
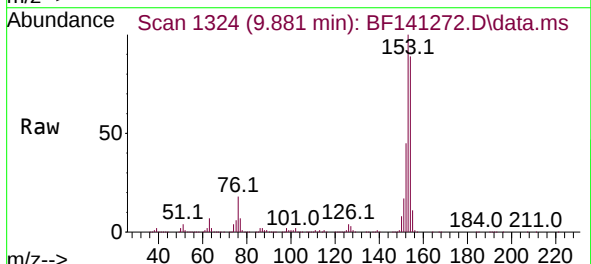
Manual Integrations
APPROVED

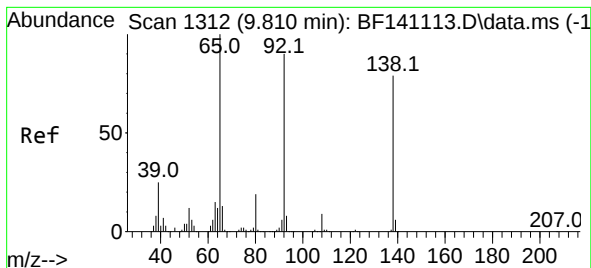
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#52
Acenaphthene
Concen: 52.898 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

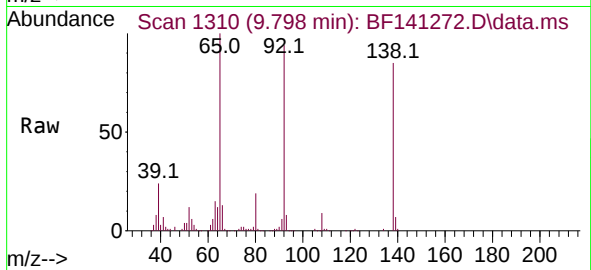
Tgt Ion:154 Resp: 959531
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 50.7 40.8 61.2





#53
3-Nitroaniline
Concen: 28.691 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

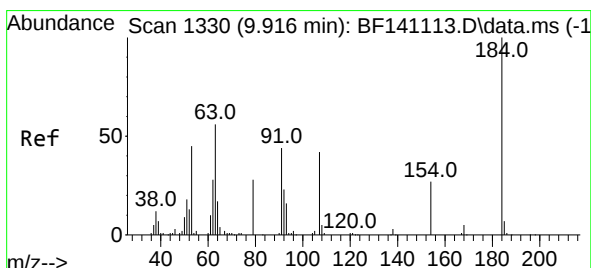
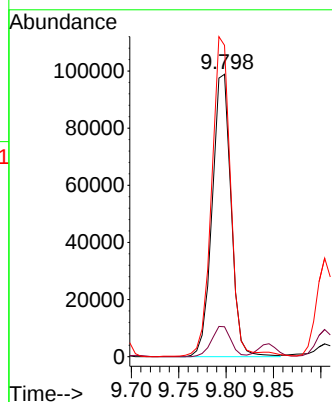
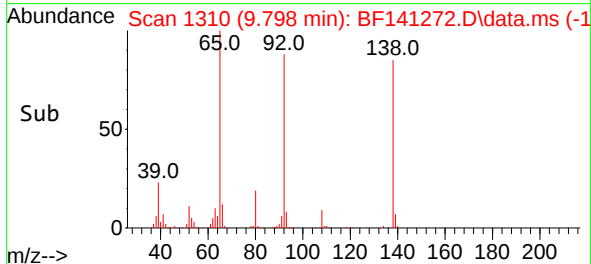
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:138 Resp: 136752
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 110.3 91.3 136.9

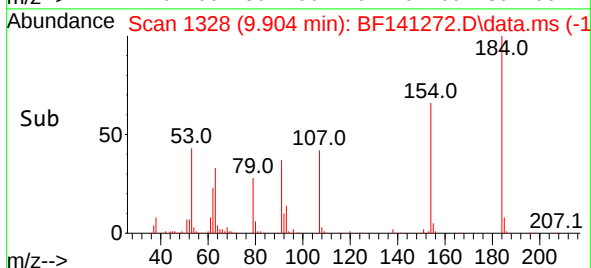
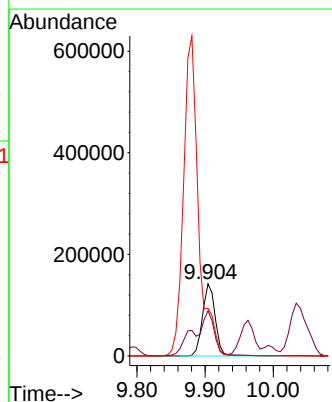
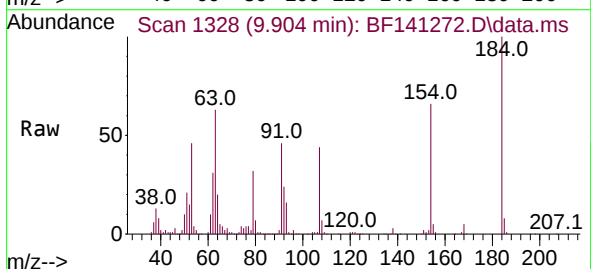
Manual Integrations
APPROVED

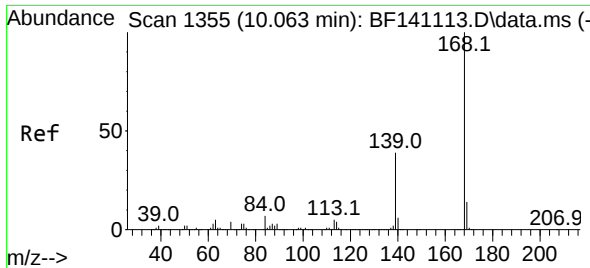
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#54
2,4-Dinitrophenol
Concen: 83.289 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

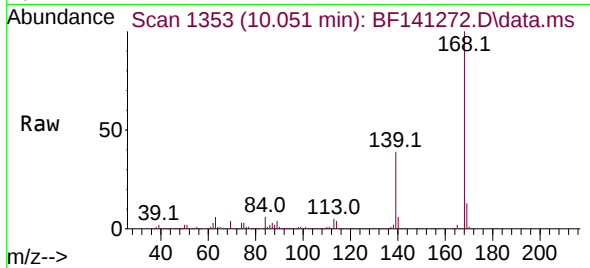
Tgt Ion:184 Resp: 185685
Ion Ratio Lower Upper
184 100
63 62.6 48.7 73.1
154 66.2 57.1 85.7





#55
Dibenzenofuran
Concen: 50.135 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

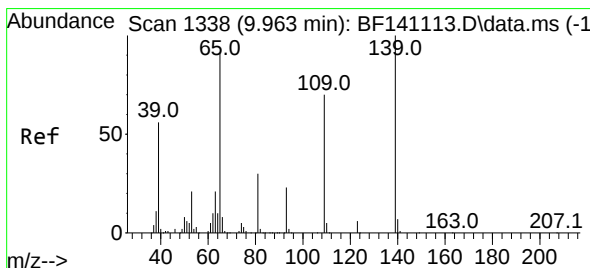
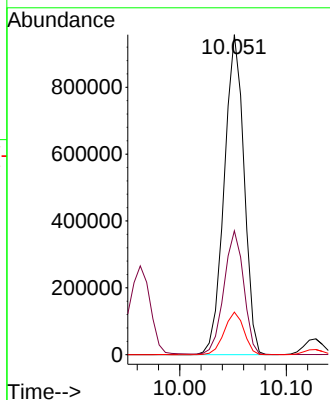
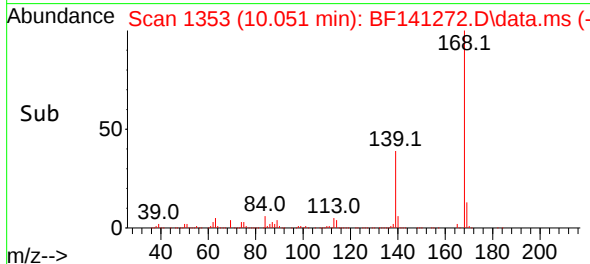
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:168 Resp: 123697
Ion Ratio Lower Upper
168 100
139 38.7 31.4 47.0
169 13.3 10.9 16.3

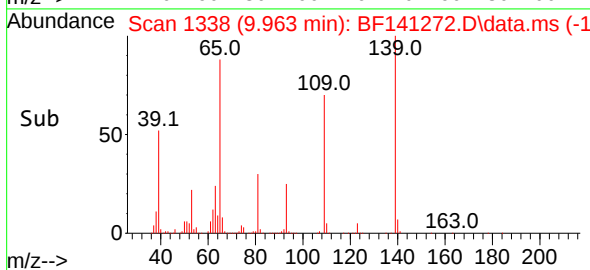
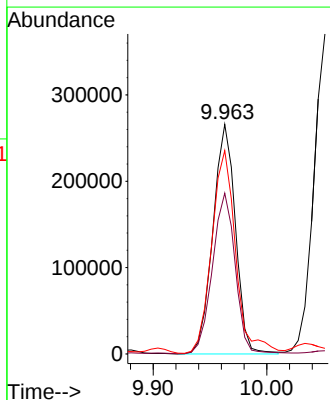
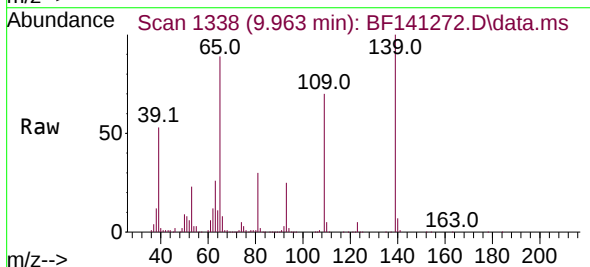
Manual Integrations
APPROVED

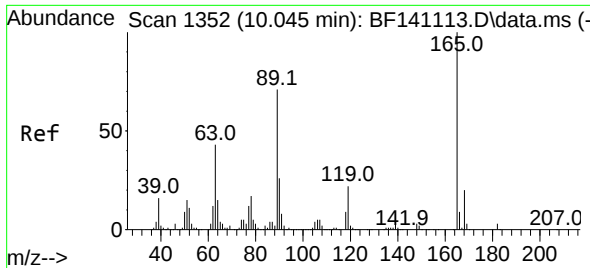
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#56
4-Nitrophenol
Concen: 98.246 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

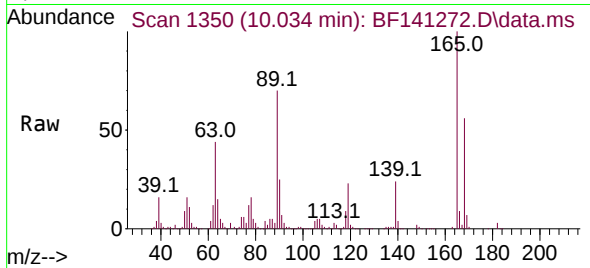
Tgt Ion:139 Resp: 366738
Ion Ratio Lower Upper
139 100
109 70.0 50.2 90.2
65 88.6 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 50.695 ng
RT: 10.034 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

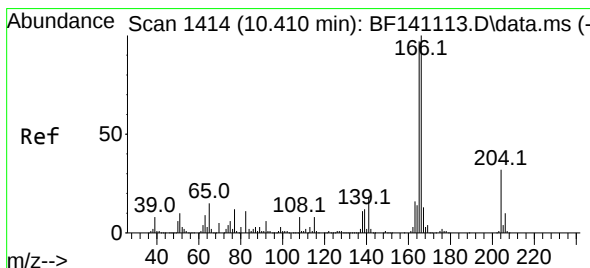
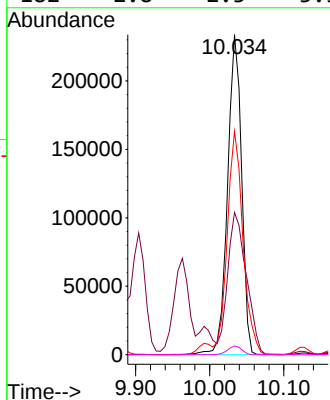
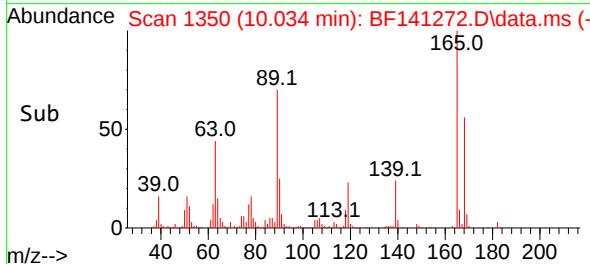
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:165 Resp: 306430
Ion Ratio Lower Upper
165 100
63 44.5 35.0 52.4
89 69.8 56.7 85.1
182 2.8 2.3 3.5

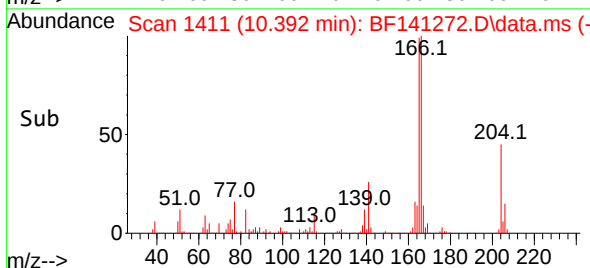
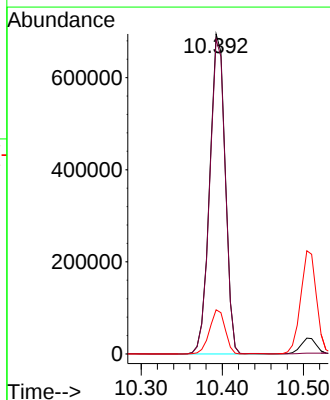
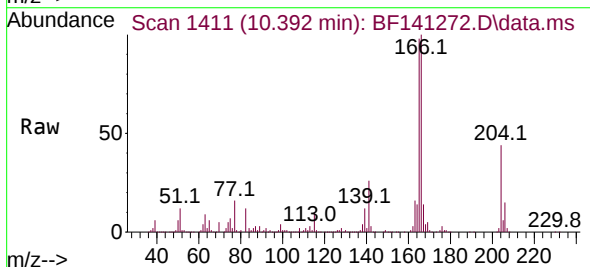
Manual Integrations
APPROVED

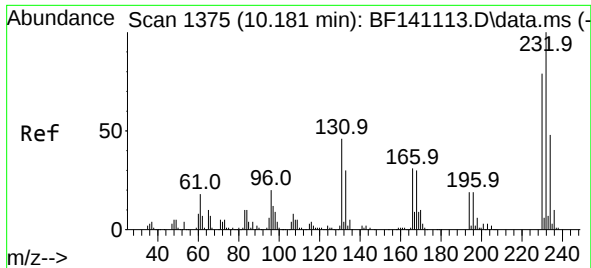
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#58
Fluorene
Concen: 48.175 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

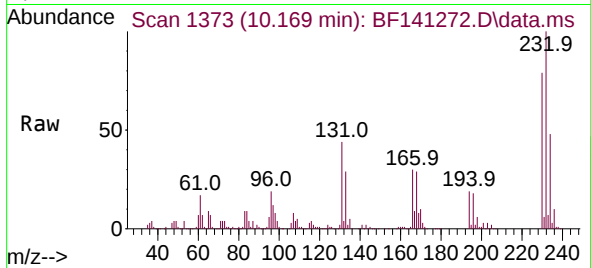
Tgt Ion:166 Resp: 923430
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.018 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

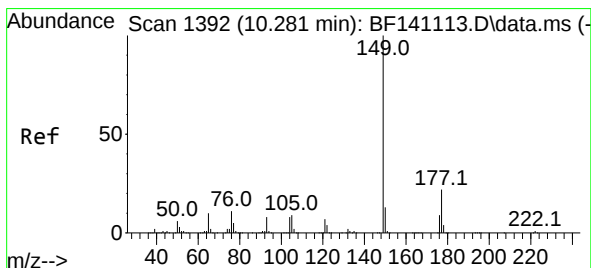
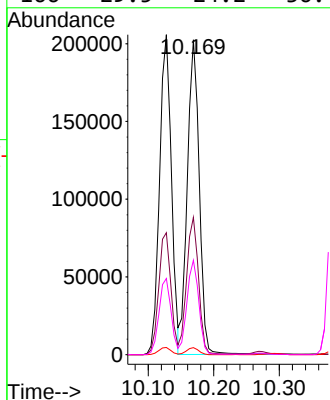
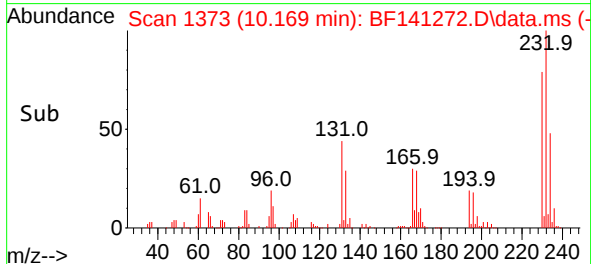
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



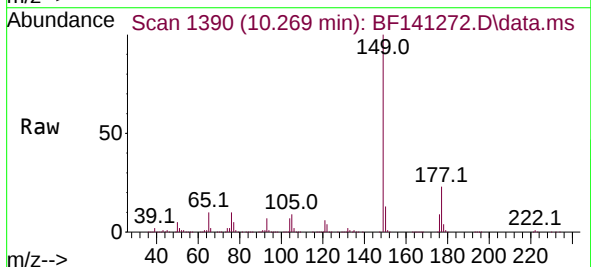
Tgt Ion:232 Resp: 25536
Ion Ratio Lower Upper
232 100
131 43.6 36.2 54.4
130 2.2 2.0 3.0
166 29.5 24.2 36.4

Manual Integrations
APPROVED

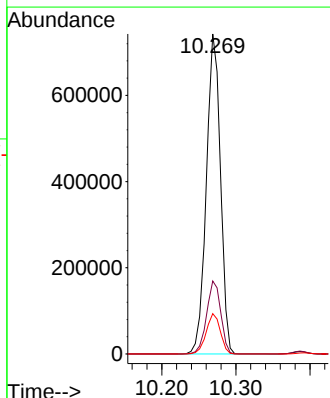
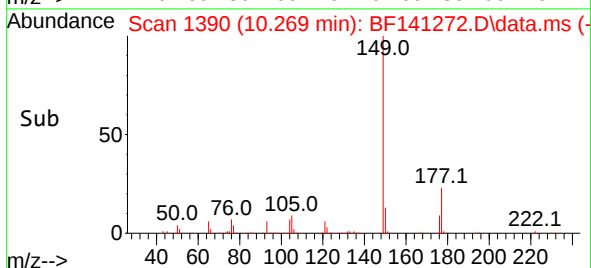
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

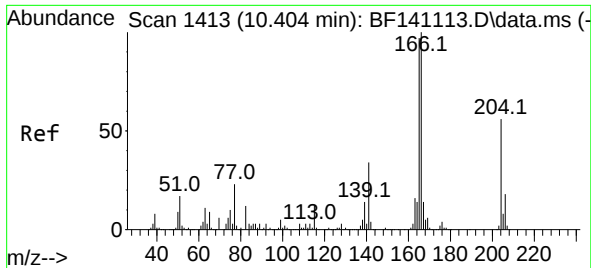


#60
Diethylphthalate
Concen: 49.786 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:149 Resp: 980316
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.172 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

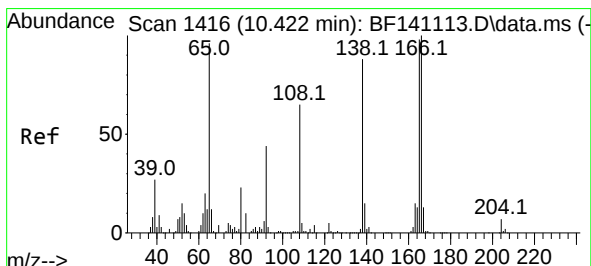
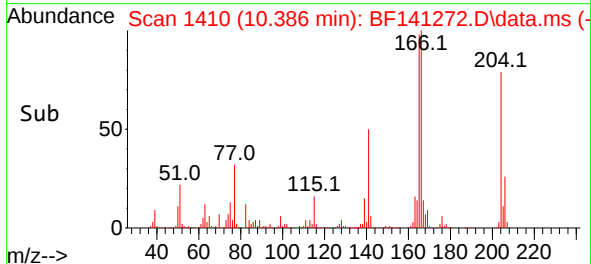
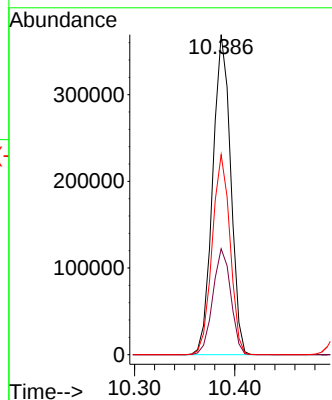
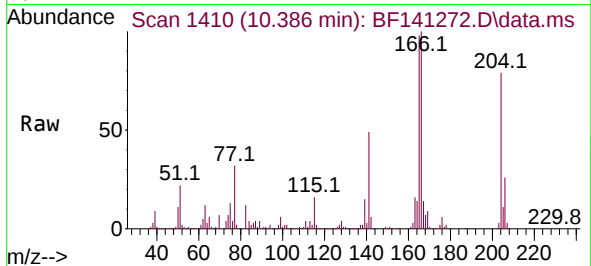
SP-COMPMSD

Tgt Ion:204 Resp: 459380
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 62.5 49.1 73.7

Manual Integrations

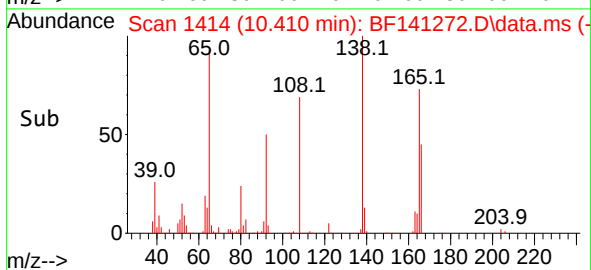
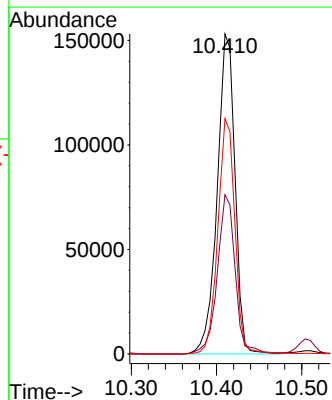
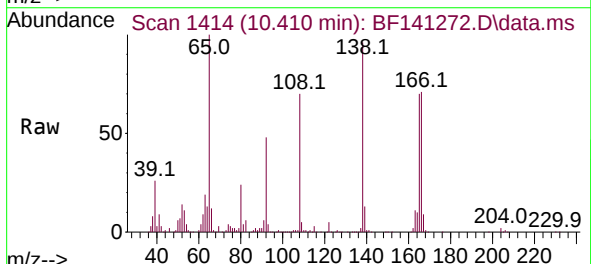
APPROVED

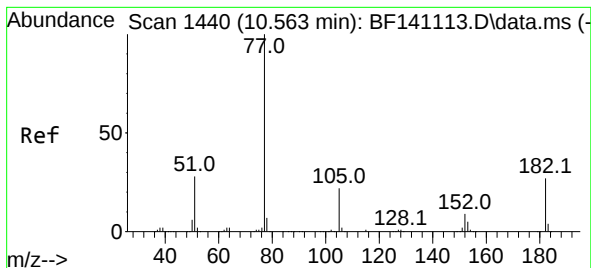
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#62
4-Nitroaniline
Concen: 47.747 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:138 Resp: 222741
Ion Ratio Lower Upper
138 100
92 49.8 29.4 69.4
108 73.6 53.7 93.7





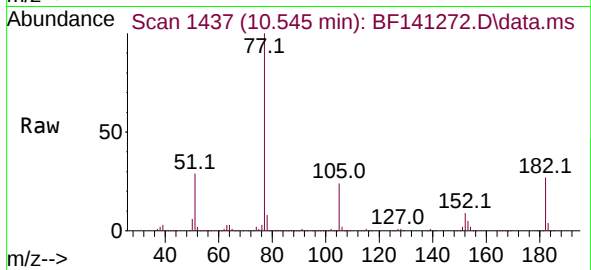
#63
Azobenzene
Concen: 52.778 ng
RT: 10.545 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

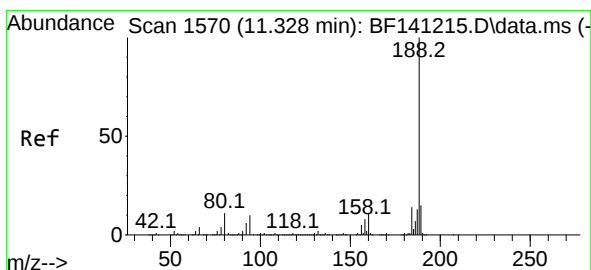
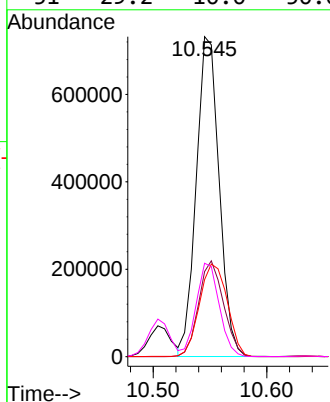
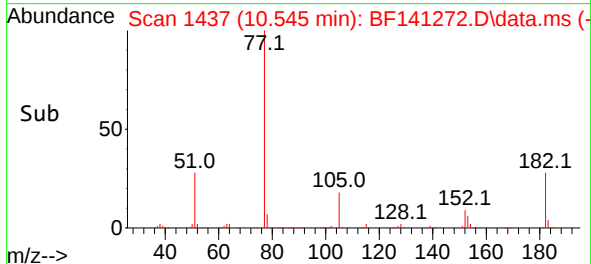


Tgt Ion: 77 Resp: 102542
Ion Ratio Lower Upper
77 100
182 26.6 6.1 46.1
105 24.1 2.1 42.1
51 29.2 10.0 50.0

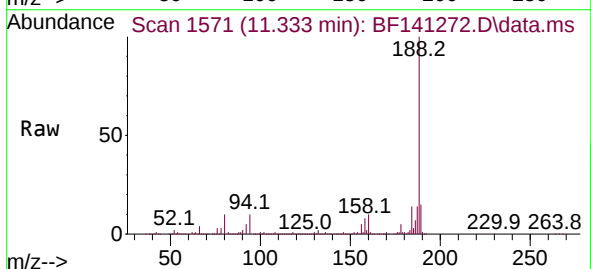
Manual Integrations

APPROVED

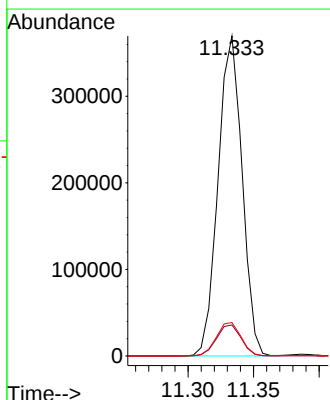
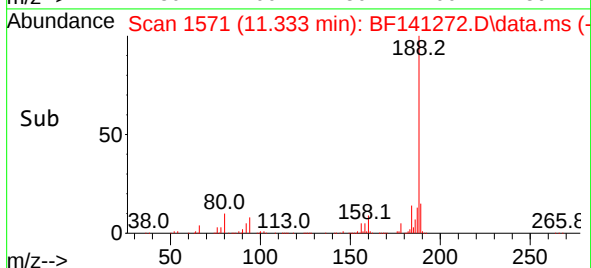
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

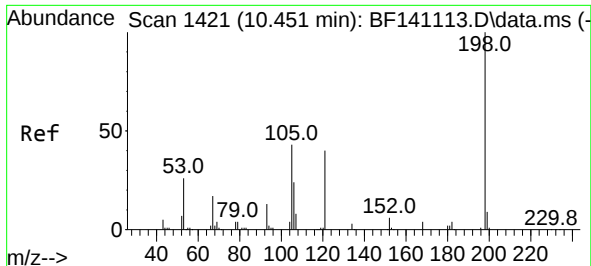


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



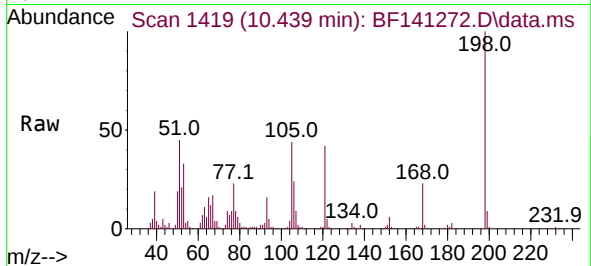
Tgt Ion:188 Resp: 471075
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.5 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.588 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

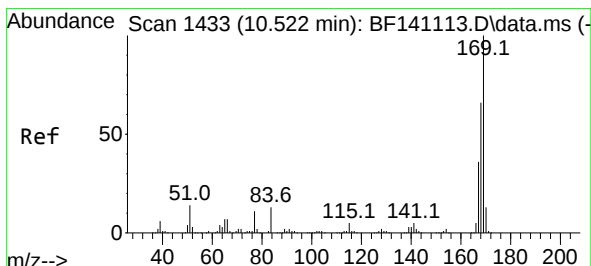
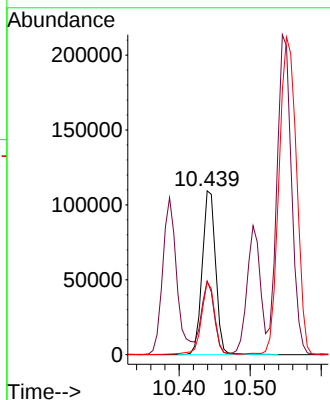
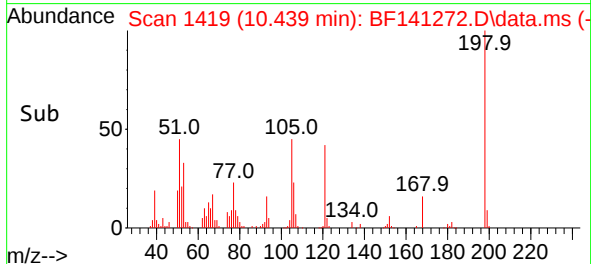
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:198 Resp: 14355
Ion Ratio Lower Upper
198 100
51 45.0 27.1 67.1
105 44.4 24.2 64.2

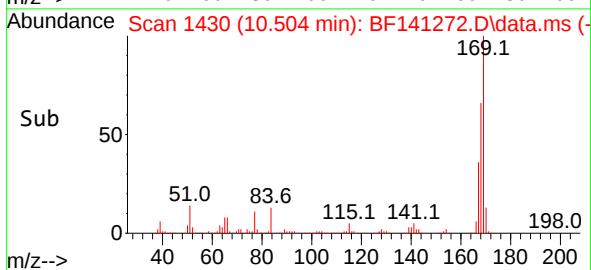
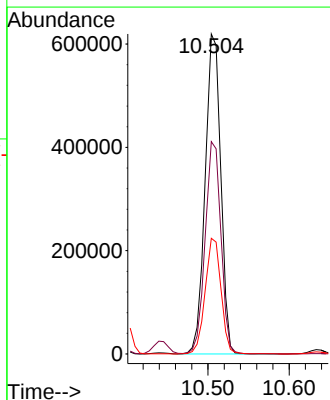
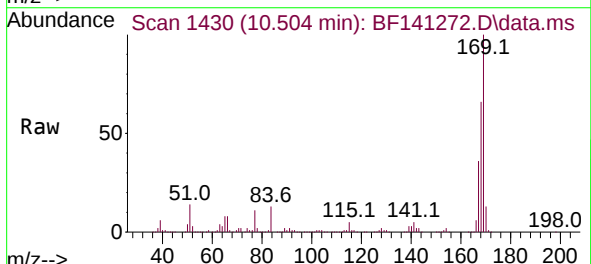
Manual Integrations
APPROVED

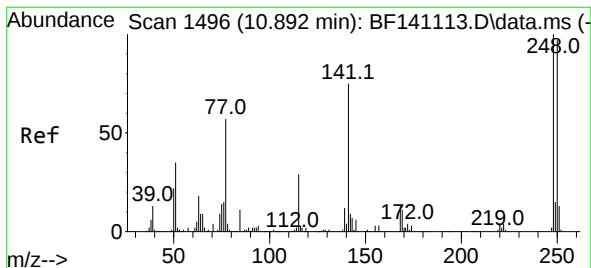
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#66
n-Nitrosodiphenylamine
Concen: 54.333 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

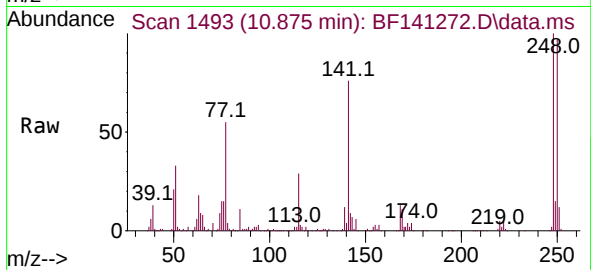
Tgt Ion:169 Resp: 825544
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 55.607 ng
RT: 10.875 min Scan# 1496
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

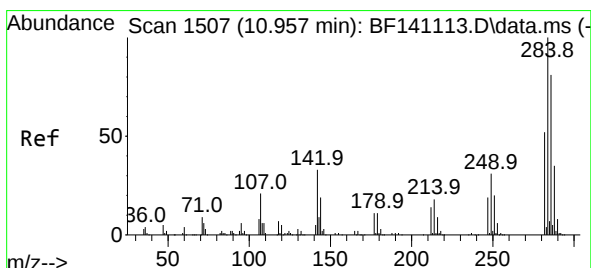
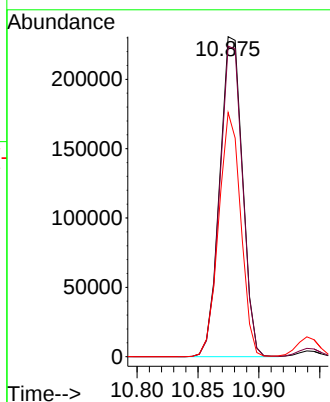
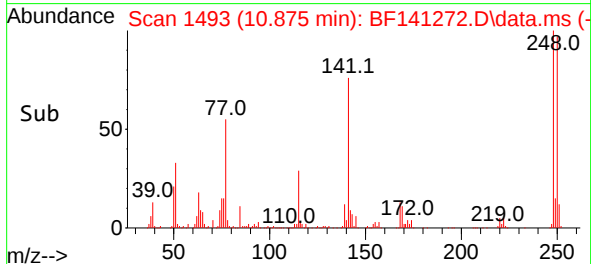
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



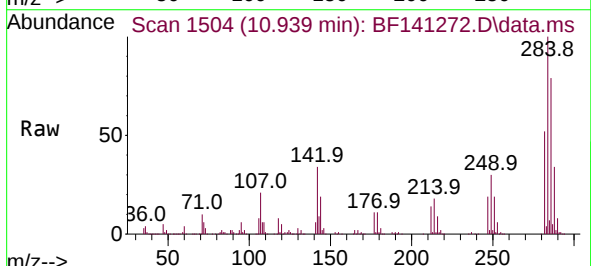
Tgt Ion:248 Resp: 301584
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 76.3 59.9 89.9

Manual Integrations
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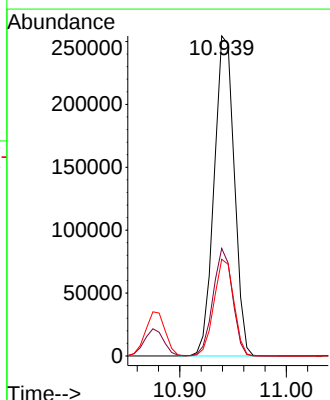
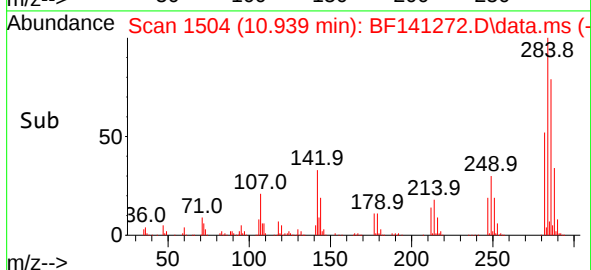
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

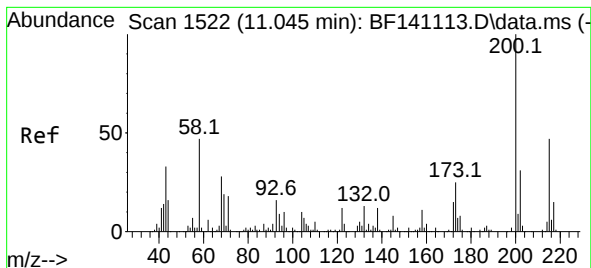


#68
Hexachlorobenzene
Concen: 55.307 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:284 Resp: 333906
Ion Ratio Lower Upper
284 100
142 33.6 26.3 39.5
249 30.2 24.9 37.3





#69

Atrazine

Concen: 66.873 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

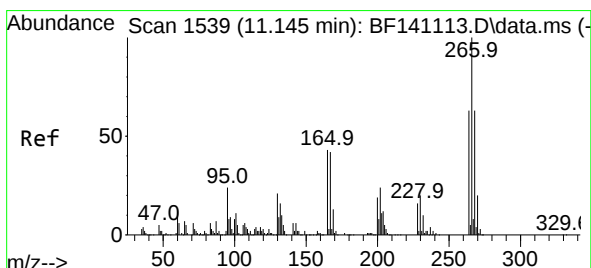
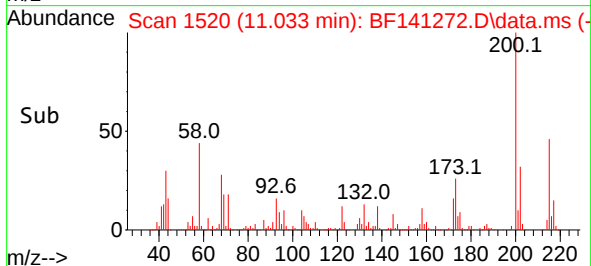
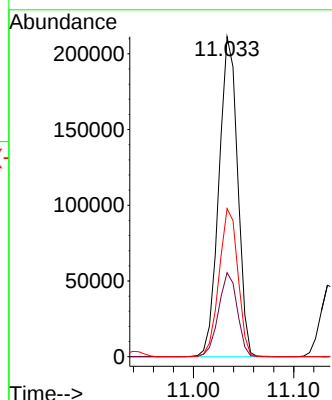
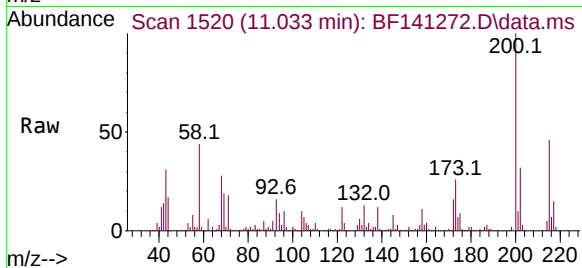
SP-COMPMSD

Tgt Ion:200 Resp: 27359
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.4 45.4
 215 46.3 26.6 66.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025



#70

Pentachlorophenol

Concen: 89.893 ng

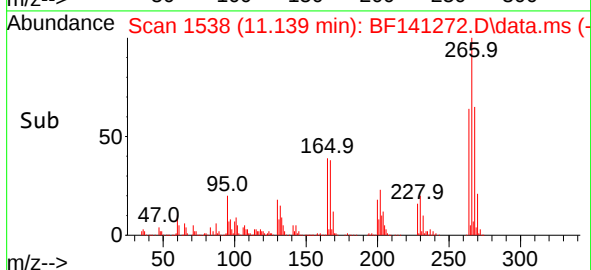
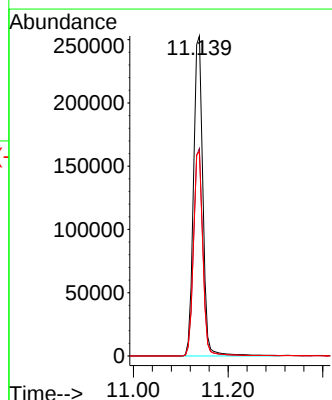
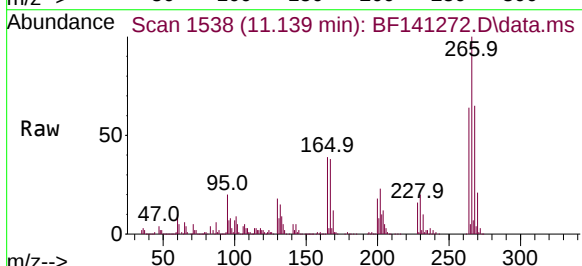
RT: 11.139 min Scan# 1538

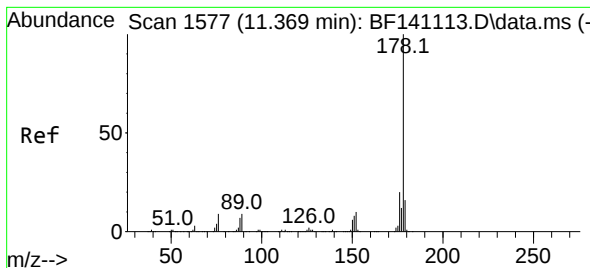
Delta R.T. -0.006 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Tgt Ion:266 Resp: 347557
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.4 75.6
 264 63.8 50.2 75.2





#71

Phenanthrene

Concen: 52.796 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

Tgt Ion:178 Resp: 1335240

Ion Ratio Lower Upper

178 100

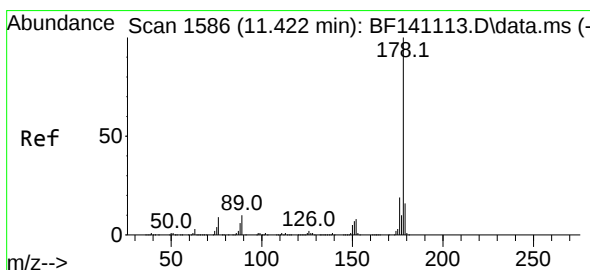
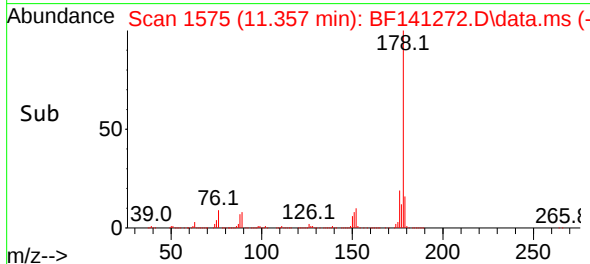
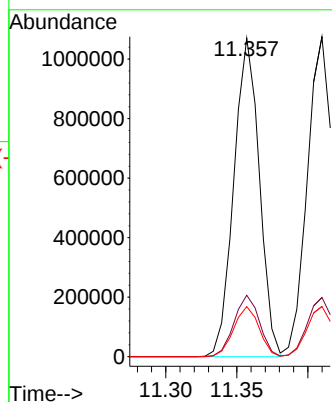
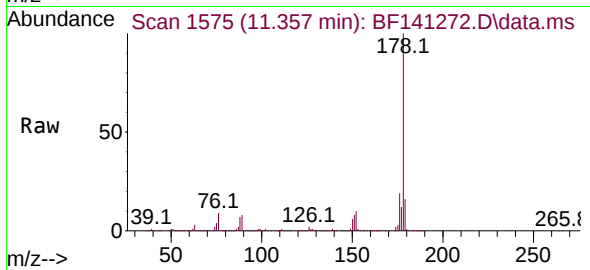
176 19.3 15.7 23.5

179 15.7 12.6 19.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#72

Anthracene

Concen: 55.246 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

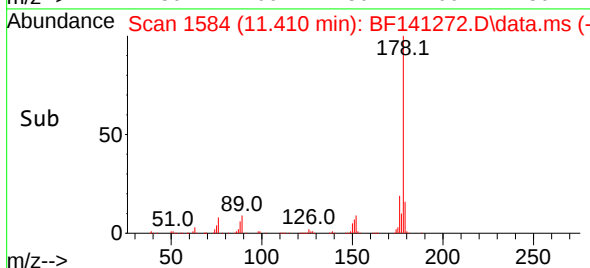
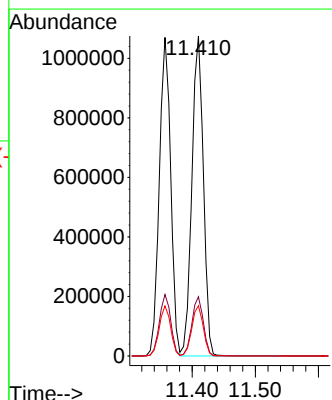
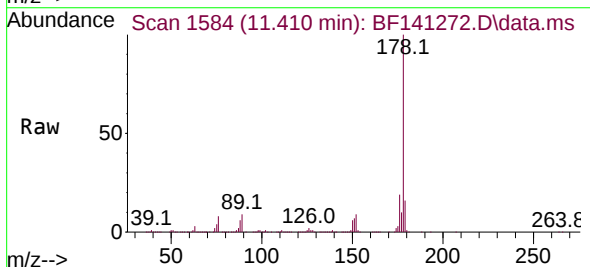
Tgt Ion:178 Resp: 1358568

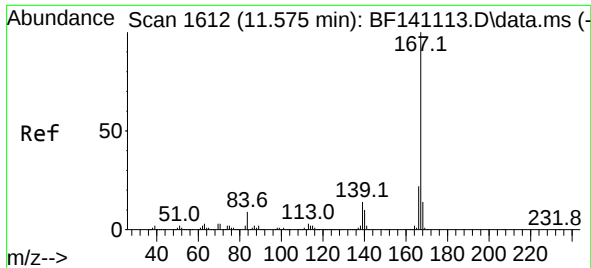
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

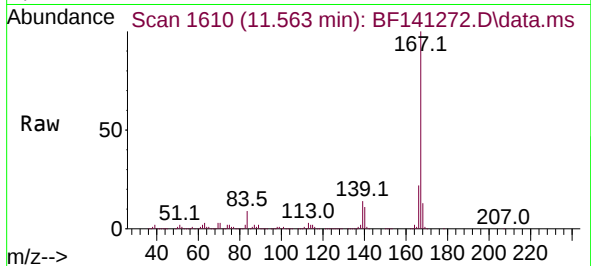
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 51.015 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141272.D
 Acq: 27 Jan 2025 15:05

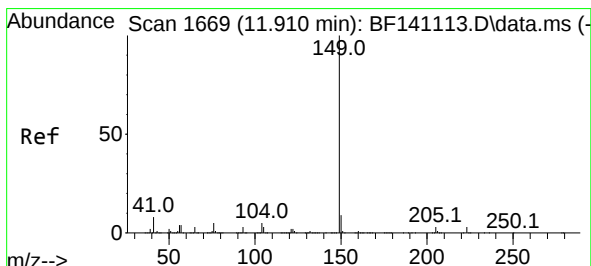
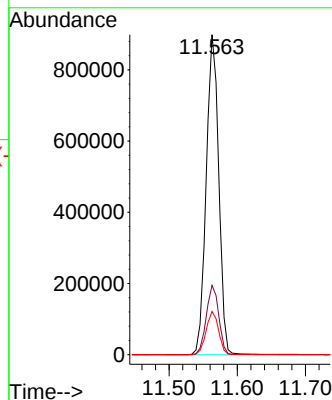
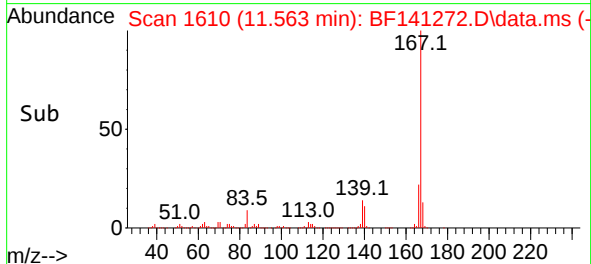
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMPMSD



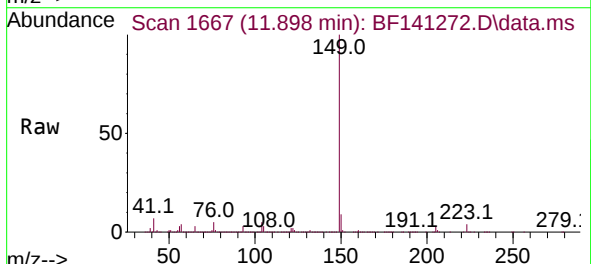
Tgt Ion:167 Resp: 1150310
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.5 10.9 16.3

Manual Integrations
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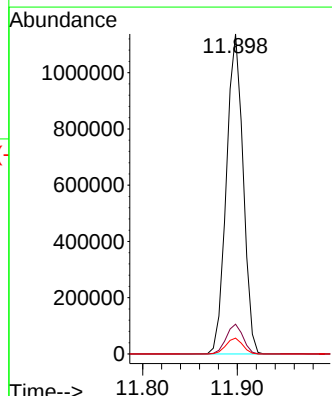
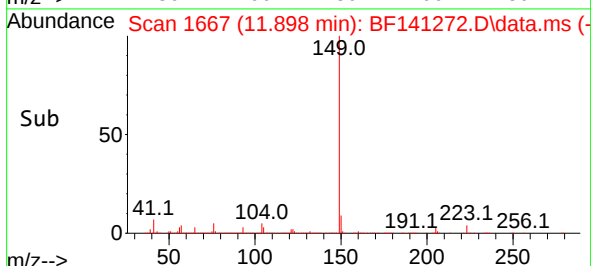
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

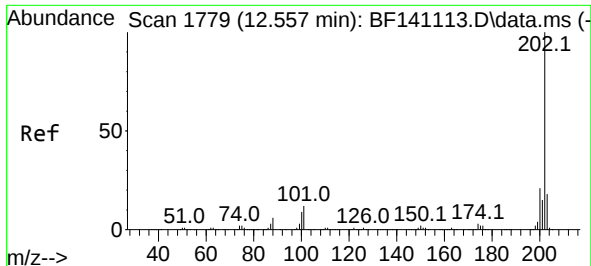


#74
 Di-n-butylphthalate
 Concen: 54.145 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141272.D
 Acq: 27 Jan 2025 15:05



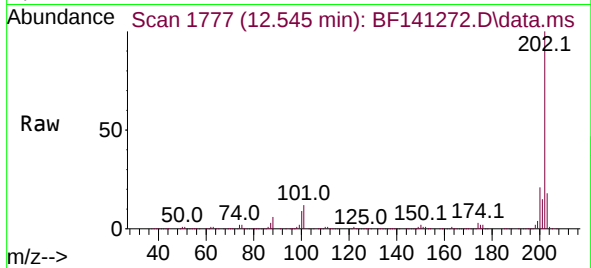
Tgt Ion:149 Resp: 1397201
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 51.662 ng
RT: 12.545 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

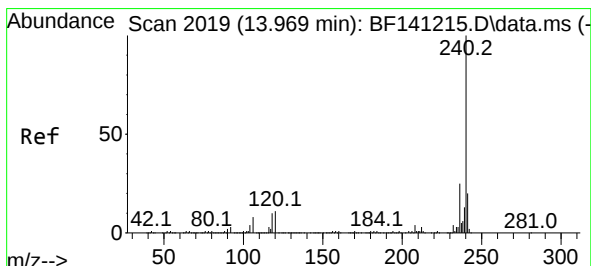
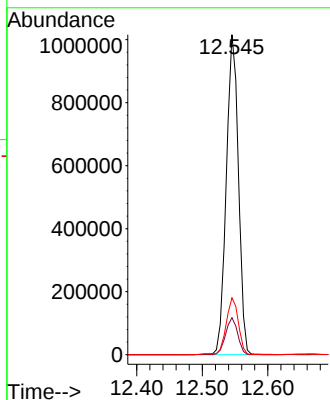
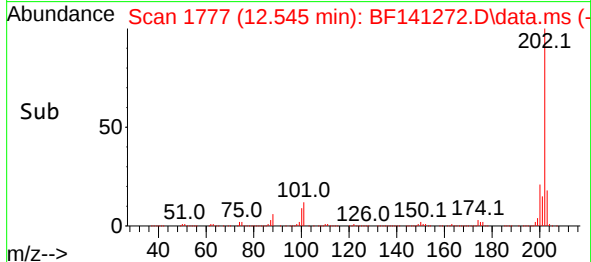
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



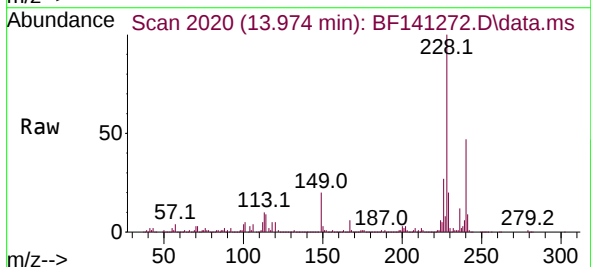
Tgt Ion:202 Resp: 130382
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.7 0.0 37.7

Manual Integrations
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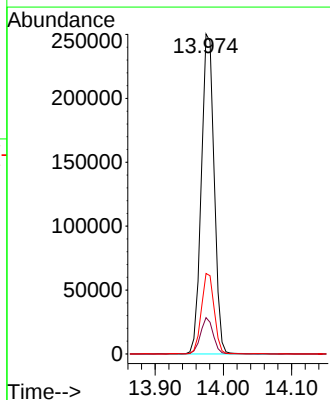
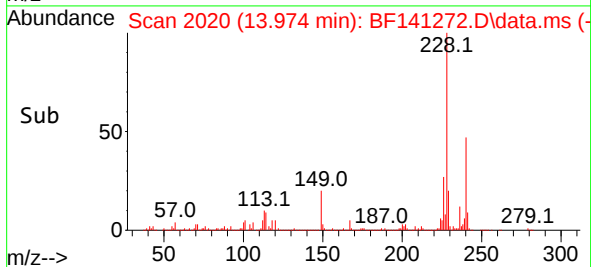
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

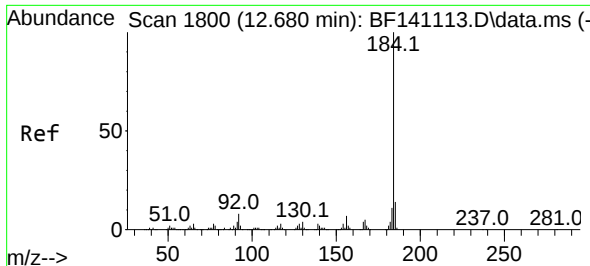


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:240 Resp: 327460
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.2 19.8 29.6





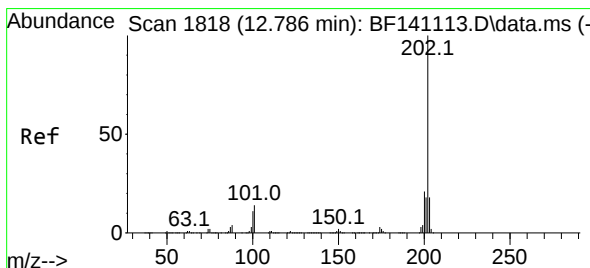
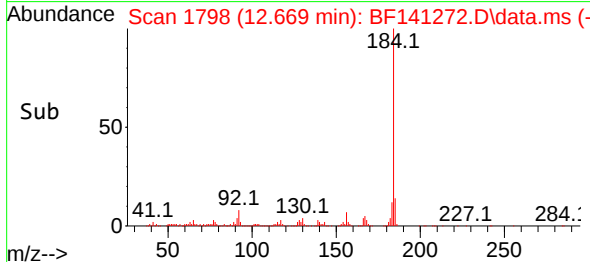
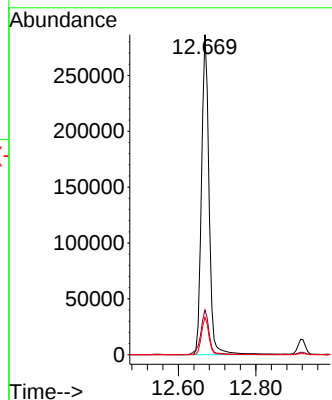
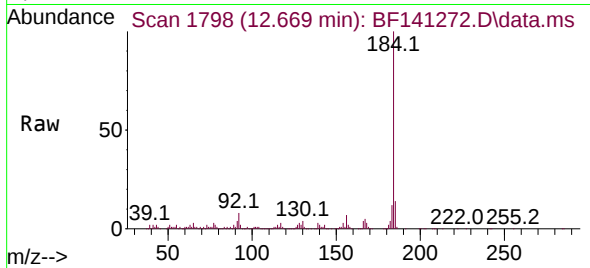
#77
Benzidine
Concen: 63.804 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD

Tgt Ion:184 Resp: 38745
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.6 9.2 13.8

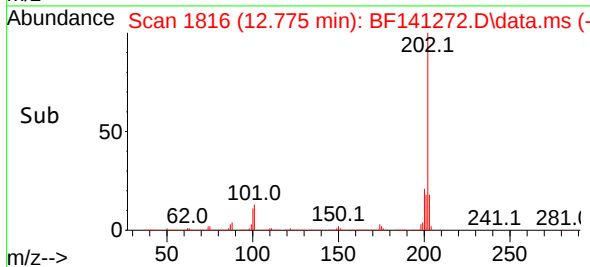
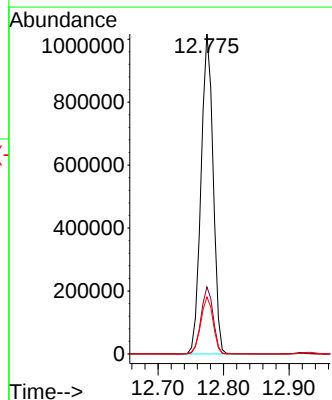
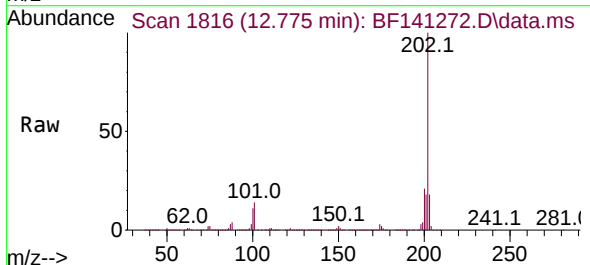
Manual Integrations
APPROVED

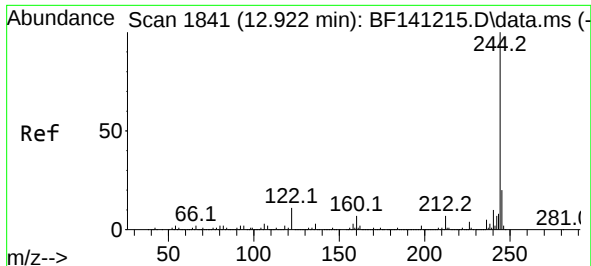
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#78
Pyrene
Concen: 41.743 ng
RT: 12.775 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:202 Resp: 1305580
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.9 14.3 21.5





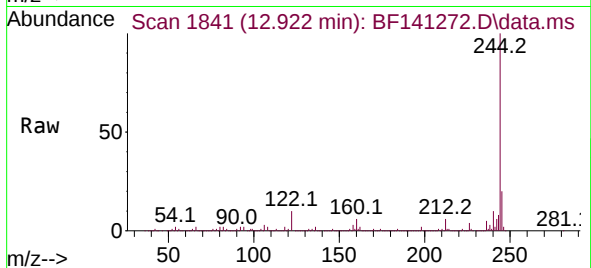
#79
 Terphenyl-d14
 Concen: 66.706 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141272.D
 Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

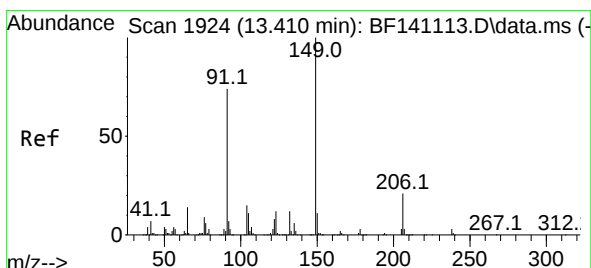
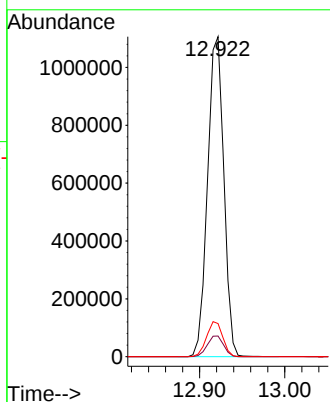
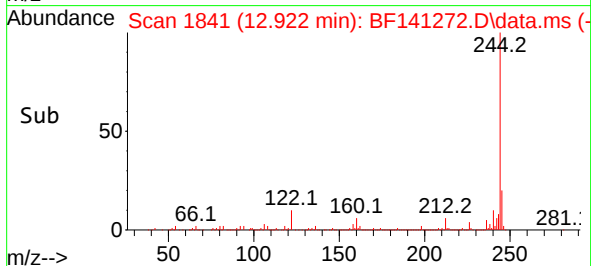


Tgt Ion:244 Resp: 1469644
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.3 8.8 13.2

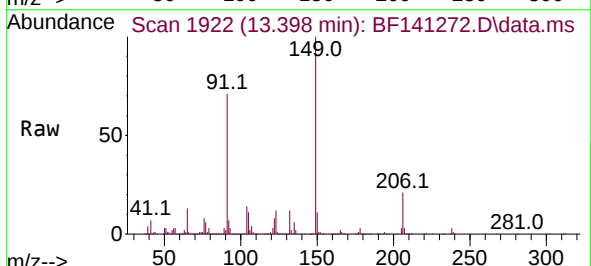
Manual Integrations

APPROVED

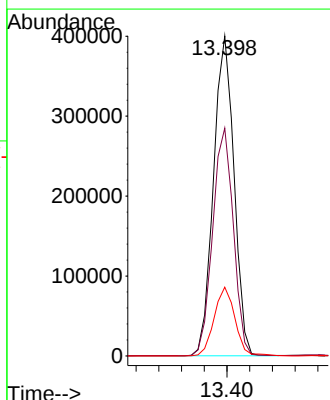
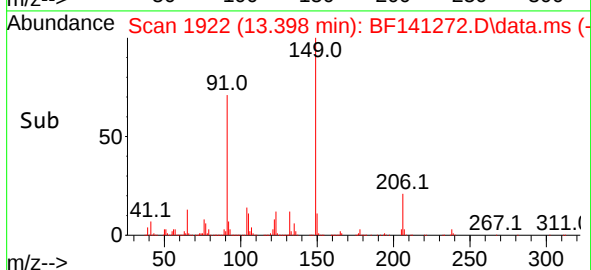
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

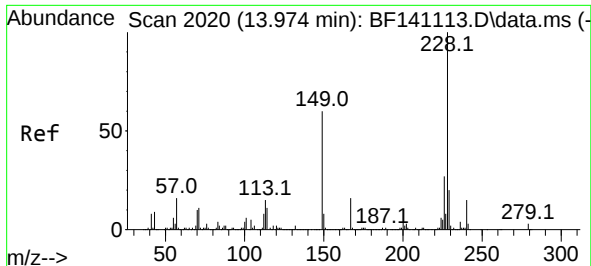


#80
 Butylbenzylphthalate
 Concen: 48.182 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141272.D
 Acq: 27 Jan 2025 15:05



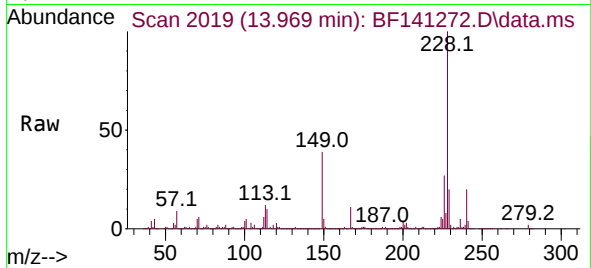
Tgt Ion:149 Resp: 502430
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.0 88.6
 206 21.5 16.5 24.7





#81
Benzo(a)anthracene
Concen: 50.544 ng
RT: 13.969 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

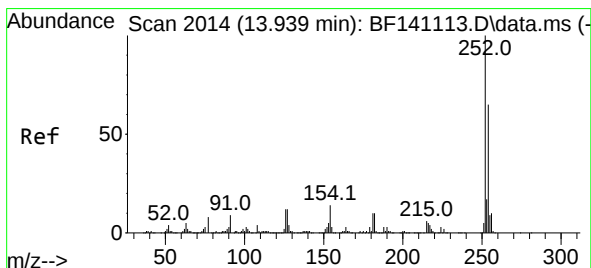
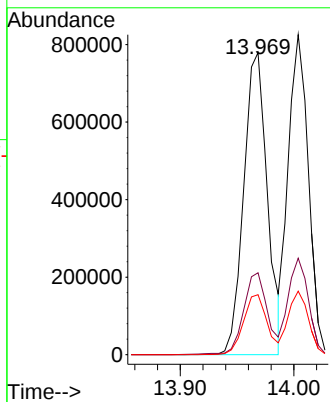
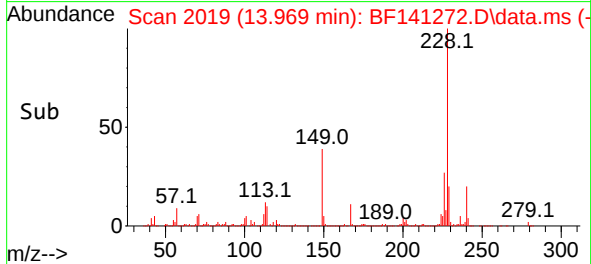
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



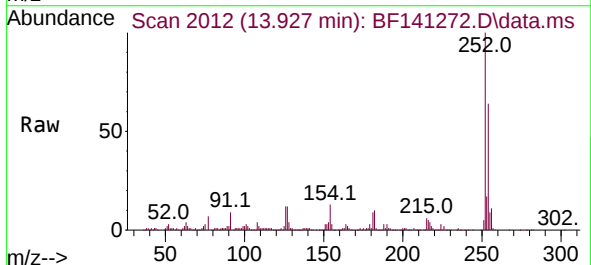
Tgt Ion:228 Resp: 112639
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.7 23.5

Manual Integrations
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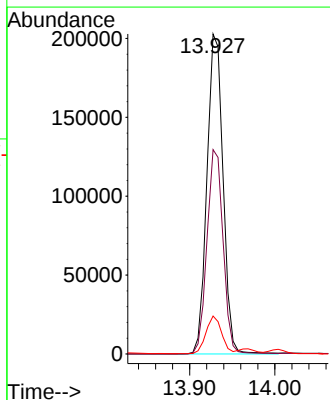
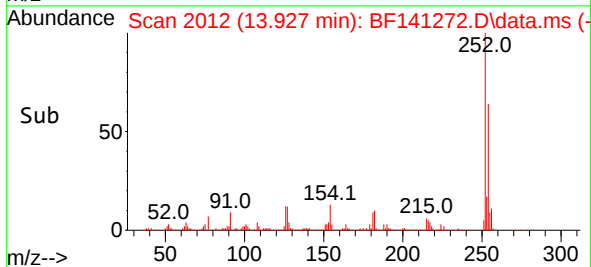
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

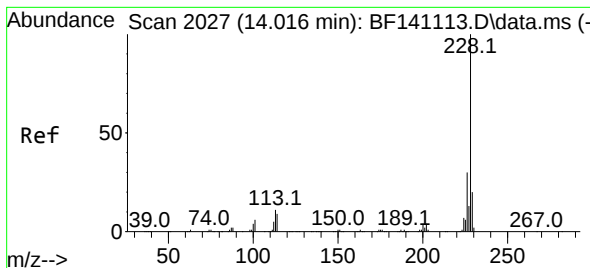


#82
3,3'-Dichlorobenzidine
Concen: 37.622 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:252 Resp: 266974
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 11.8 9.4 14.0





#83

Chrysene

Concen: 48.715 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD

Tgt Ion:228 Resp: 1015819

Ion Ratio Lower Upper

228 100

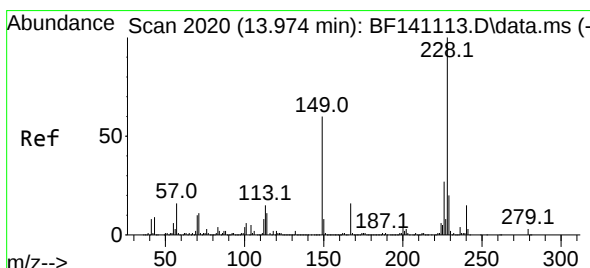
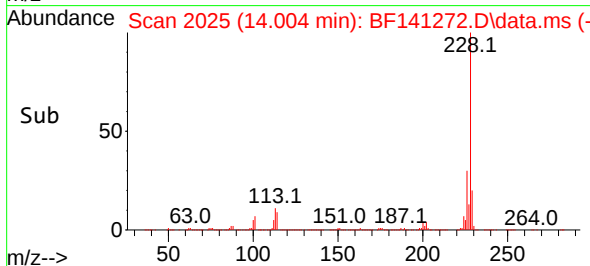
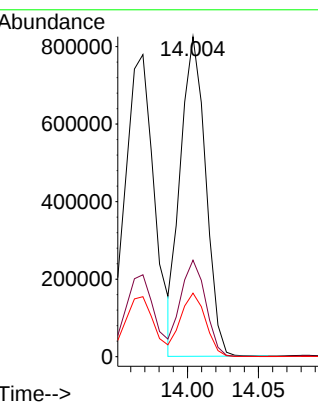
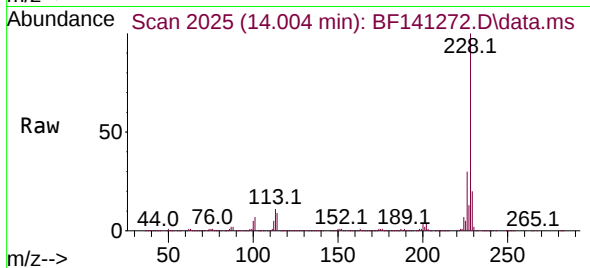
226 30.1 23.8 35.8

229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.607 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

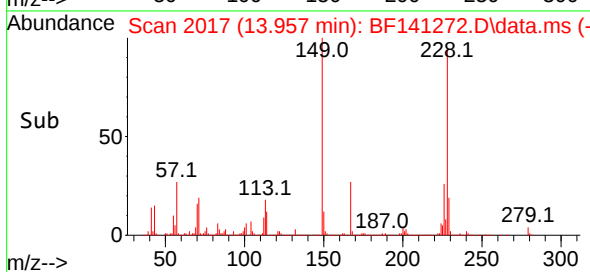
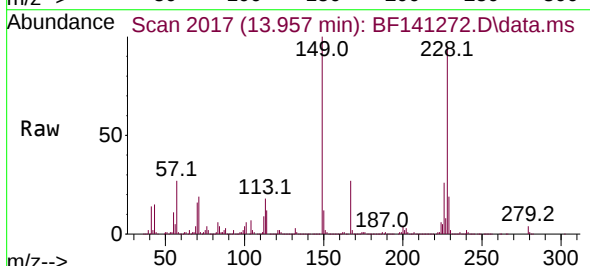
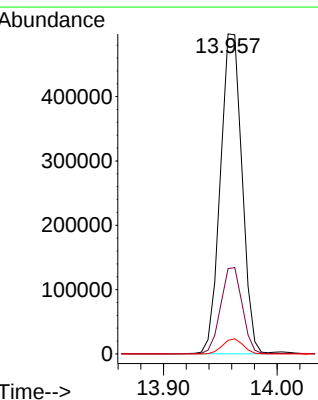
Tgt Ion:149 Resp: 658218

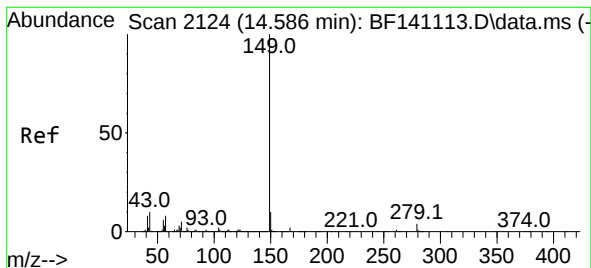
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

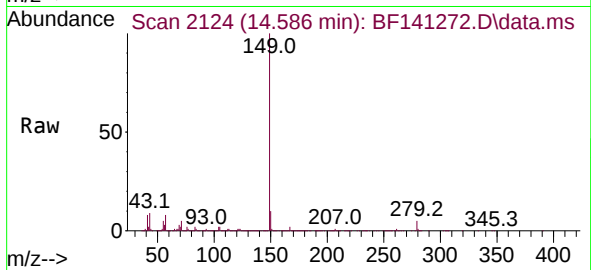
279 4.2 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 62.771 ng
RT: 14.586 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

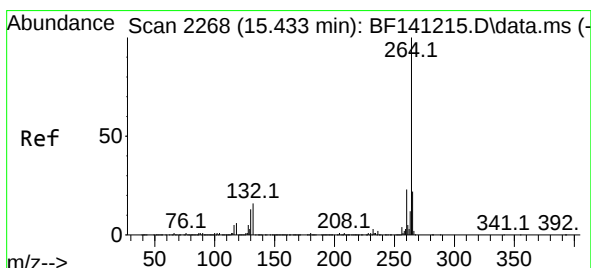
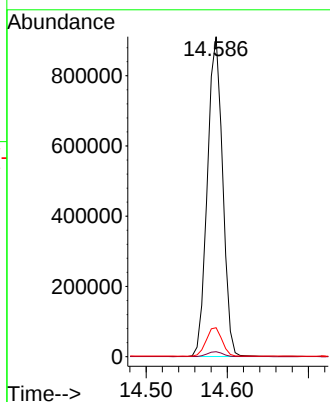
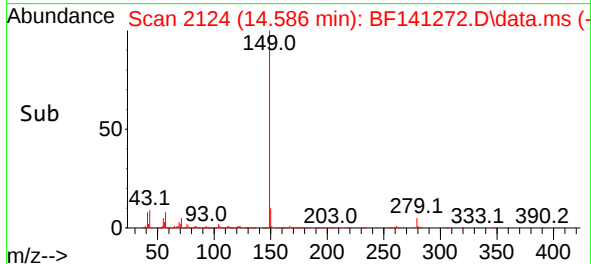
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:149 Resp: 1185998
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 8.4 12.6

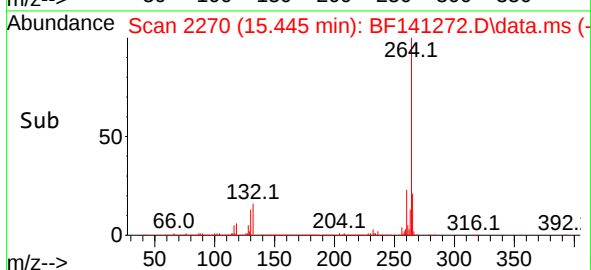
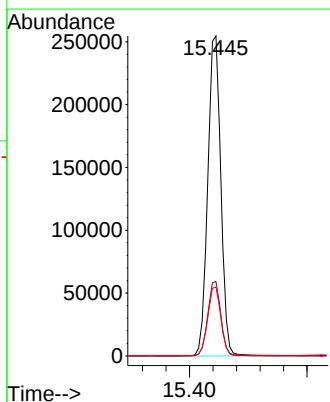
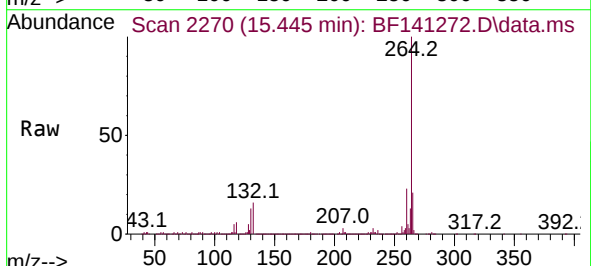
Manual Integrations
APPROVED

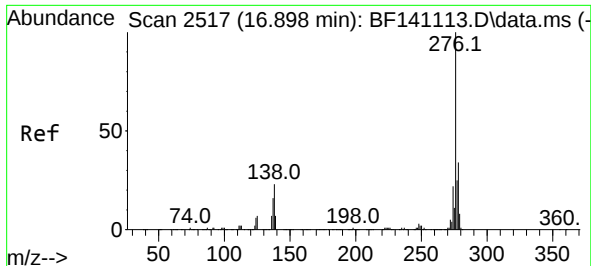
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

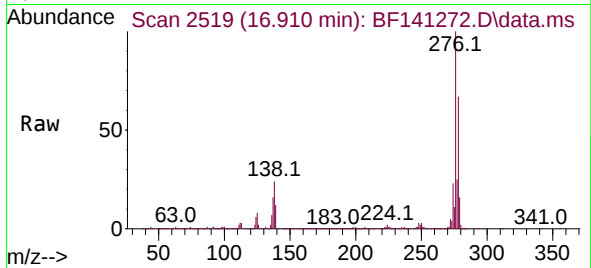
Tgt Ion:264 Resp: 392260
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.312 ng
RT: 16.910 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

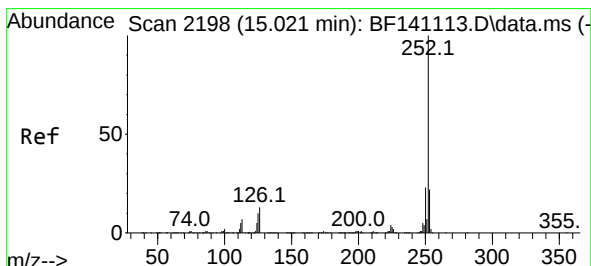
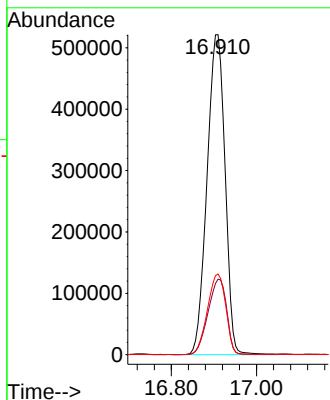
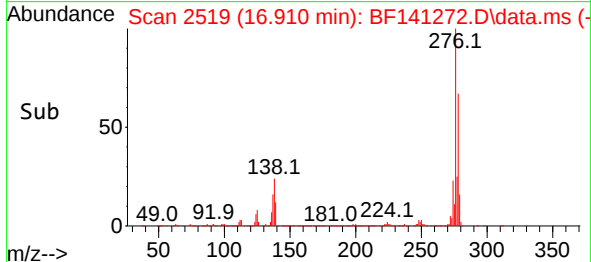
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



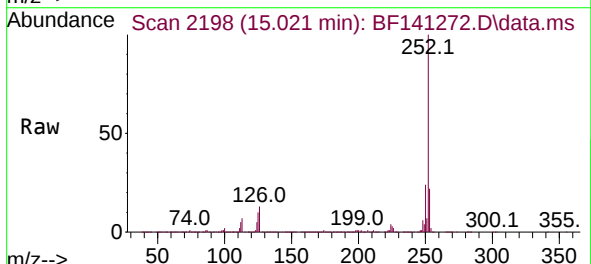
Tgt Ion:276 Resp: 1532070
Ion Ratio Lower Upper
276 100
138 24.3 20.7 31.1
277 25.6 20.6 30.8

Manual Integrations
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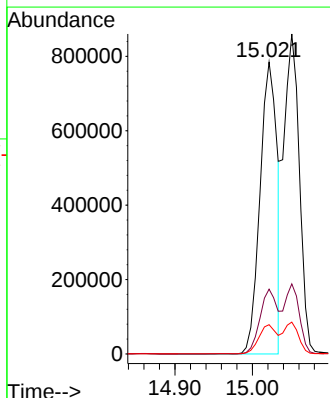
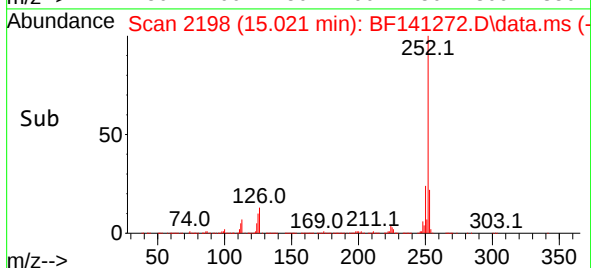
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

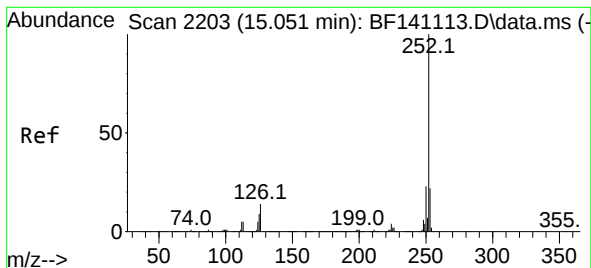


#88
Benzo(b)fluoranthene
Concen: 47.218 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05



Tgt Ion:252 Resp: 1194346
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 55.266 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141272.D

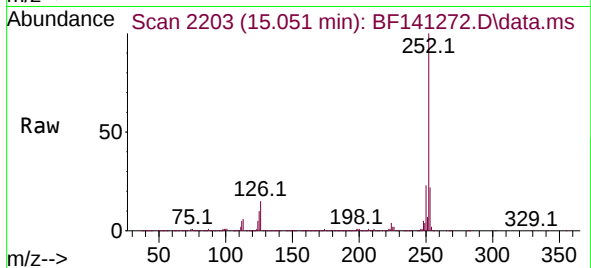
Acq: 27 Jan 2025 15:05

Instrument :

BNA_F

ClientSampleId :

SP-COMPMSD



Tgt Ion:252 Resp: 1181350

Ion Ratio Lower Upper

252 100

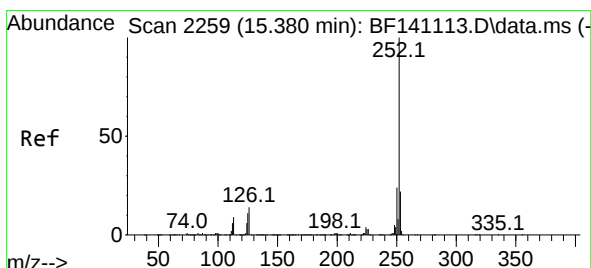
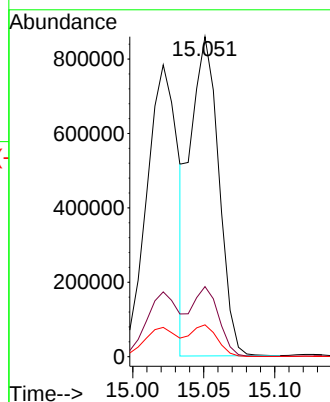
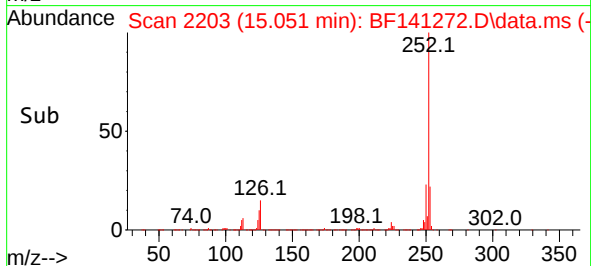
253 21.9 17.8 26.8

125 9.9 7.9 11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#90

Benzo(a)pyrene

Concen: 55.804 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141272.D

Acq: 27 Jan 2025 15:05

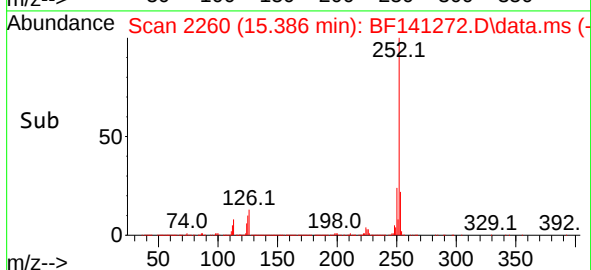
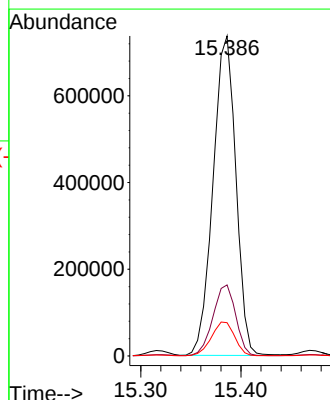
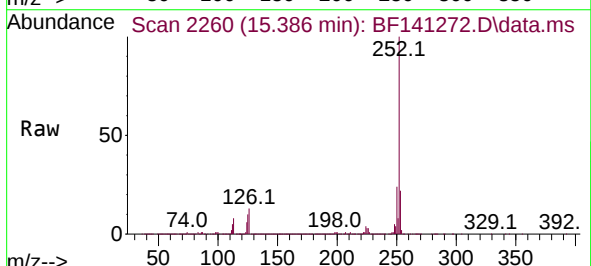
Tgt Ion:252 Resp: 1164583

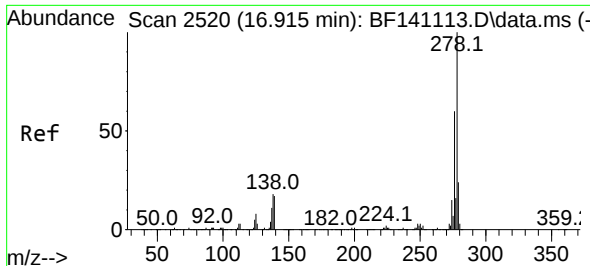
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

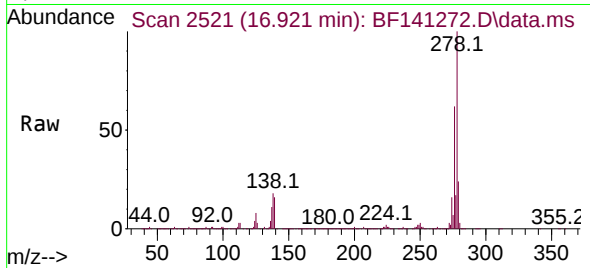
125 10.4 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 52.419 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

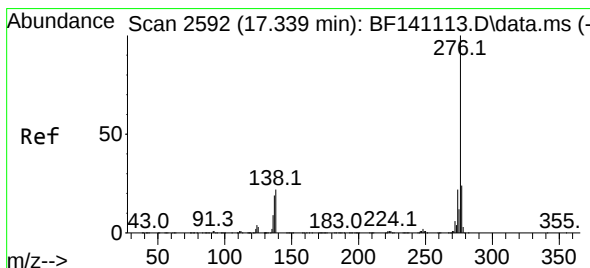
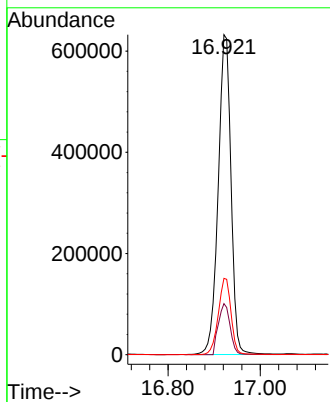
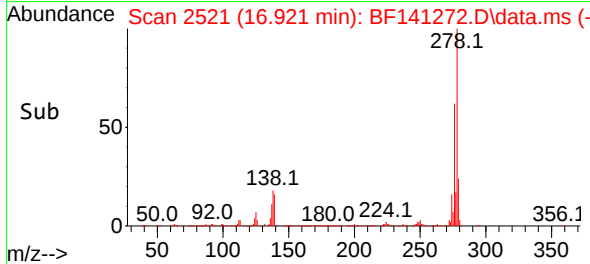
Instrument :
BNA_F
ClientSampleId :
SP-COMPMSD



Tgt Ion:278 Resp: 1218410
Ion Ratio Lower Upper
278 100
139 16.0 13.8 20.6
279 23.9 19.1 28.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#92
Benzo(g,h,i)perylene
Concen: 48.715 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141272.D
Acq: 27 Jan 2025 15:05

Tgt Ion:276 Resp: 1177759
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.9 17.4 26.2

