

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
 Data File : BF141230.D
 Acq On : 21 Jan 2025 12:37
 Operator : RC/JU
 Sample : PB166129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166129BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/22/2025

Quant Time: Jan 21 13:03:50 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	145633	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	584630	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	308578	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	490755	20.000	ng	-0.02
76) Chrysene-d12	13.974	240	330539	20.000	ng	-0.01
86) Perylene-d12	15.445	264	362022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1426083	151.272	ng	0.00
7) Phenol-d6	6.440	99	1792844	150.134	ng	0.00
23) Nitrobenzene-d5	7.369	82	1163420	105.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	579143	164.714	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2185122	108.134	ng	-0.02
79) Terphenyl-d14	12.922	244	2228501	100.207	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	189580	45.158	ng	98
3) Pyridine	3.346	79	474303	46.072	ng	97
4) n-Nitrosodimethylamine	3.293	42	252891	50.239	ng	95
6) Aniline	6.469	93	458608	43.256	ng	94
8) 2-Chlorophenol	6.587	128	562041	55.569	ng	97
9) Benzaldehyde	6.351	77	62341	8.864	ng	99
10) Phenol	6.451	94	649600	50.817	ng	89
11) bis(2-Chloroethyl)ether	6.540	93	510958	53.635	ng	98
12) 1,3-Dichlorobenzene	6.745	146	574907	50.964	ng	99
13) 1,4-Dichlorobenzene	6.822	146	588058	51.731	ng	99
14) 1,2-Dichlorobenzene	6.975	146	558631	52.683	ng	98
15) Benzyl Alcohol	6.945	79	480461	55.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	691913	52.048	ng	96
17) 2-Methylphenol	7.057	107	440775	53.979	ng	99
18) Hexachloroethane	7.316	117	217219	52.841	ng	96
19) n-Nitroso-di-n-propyla...	7.216	70	371521	52.815	ng	99
20) 3+4-Methylphenols	7.210	107	528600	51.311	ng	# 83
22) Acetophenone	7.216	105	715616	51.490	ng	97
24) Nitrobenzene	7.387	77	563584	49.031	ng	99
25) Isophorone	7.628	82	1015561	53.882	ng	98
26) 2-Nitrophenol	7.704	139	289570	55.381	ng	99
27) 2,4-Dimethylphenol	7.739	122	444656	63.047	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	623172	52.683	ng	100
29) 2,4-Dichlorophenol	7.945	162	445497	53.185	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	485215	50.678	ng	99
31) Naphthalene	8.110	128	1593587	51.688	ng	100
32) Benzoic acid	7.863	122	341054	50.411	ng	97
33) 4-Chloroaniline	8.157	127	251802	23.616	ng	100
34) Hexachlorobutadiene	8.228	225	301687	52.293	ng	100
35) Caprolactam	8.522	113	121993m	44.485	ng	
36) 4-Chloro-3-methylphenol	8.639	107	474864	51.837	ng	98
37) 2-Methylnaphthalene	8.798	142	1046898	53.287	ng	99
38) 1-Methylnaphthalene	8.898	142	964400	49.808	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	475218	53.656	ng	99
41) Hexachlorocyclopentadiene	8.951	237	622477	214.822	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	326197	54.609	ng	100

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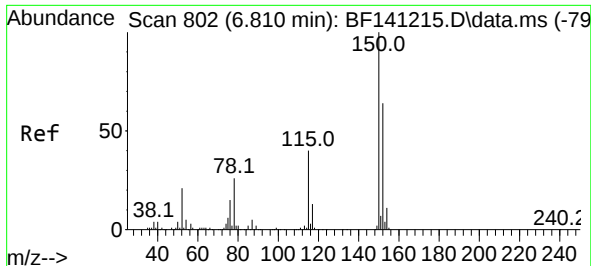
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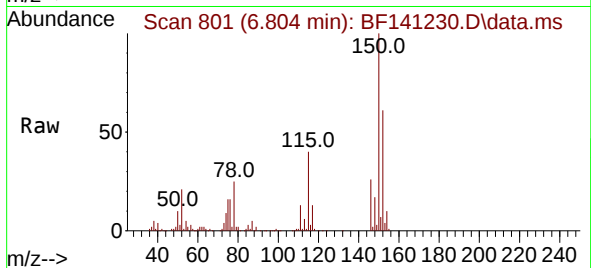
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	322493	51.120	ng	99
46) 1,1'-Biphenyl	9.263	154	1267732	52.901	ng	100
47) 2-Chloronaphthalene	9.292	162	952720	51.043	ng	99
48) 2-Nitroaniline	9.386	65	278536	50.341	ng	98
49) Acenaphthylene	9.704	152	1471657	55.187	ng	100
50) Dimethylphthalate	9.569	163	1092623	52.743	ng	100
51) 2,6-Dinitrotoluene	9.628	165	241861	50.205	ng	98
52) Acenaphthene	9.881	154	1086152	58.299	ng	100
53) 3-Nitroaniline	9.792	138	138363	28.263	ng	99
54) 2,4-Dinitrophenol	9.904	184	260054	113.570	ng	95
55) Dibenzofuran	10.051	168	1314794	51.883	ng	99
56) 4-Nitrophenol	9.963	139	383853	100.118	ng	99
57) 2,4-Dinitrotoluene	10.033	165	320141	51.566	ng	99
58) Fluorene	10.392	166	1011378	51.371	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	280843	53.557	ng	99
60) Diethylphthalate	10.269	149	1035862	51.219	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	499144	52.018	ng	99
62) 4-Nitroaniline	10.410	138	230000	48.002	ng	98
63) Azobenzene	10.545	77	1010533	50.639	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	178884	62.903	ng	96
66) n-Nitrosodiphenylamine	10.504	169	879899	55.588	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	320101	56.654	ng	99
68) Hexachlorobenzene	10.939	284	358396	56.983	ng	100
69) Atrazine	11.033	200	295889	69.423	ng	99
70) Pentachlorophenol	11.133	266	424359	105.356	ng	98
71) Phenanthrene	11.357	178	1462930	55.525	ng	99
72) Anthracene	11.410	178	1482760	57.878	ng	100
73) Carbazole	11.563	167	1247806	53.120	ng	100
74) Di-n-butylphthalate	11.898	149	1520898	56.575	ng	100
75) Fluoranthene	12.545	202	1431118	54.432	ng	99
77) Benzidine	12.663	184	372902	60.836	ng	99
78) Pyrene	12.774	202	1438604	45.568	ng	99
80) Butylbenzylphthalate	13.398	149	578929	55.001	ng	96
81) Benzo(a)anthracene	13.969	228	1181573	52.526	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	245393	34.259	ng	99
83) Chrysene	14.004	228	1078699	51.248	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	772088	61.133	ng	99
85) Di-n-octyl phthalate	14.592	149	1373809	72.034	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1438321	54.230	ng	99
88) Benzo(b)fluoranthene	15.027	252	1229615	52.673	ng	99
89) Benzo(k)fluoranthene	15.057	252	1119222	56.733	ng	99
90) Benzo(a)pyrene	15.386	252	1122568	58.284	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1161186	54.130	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1088593	48.787	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

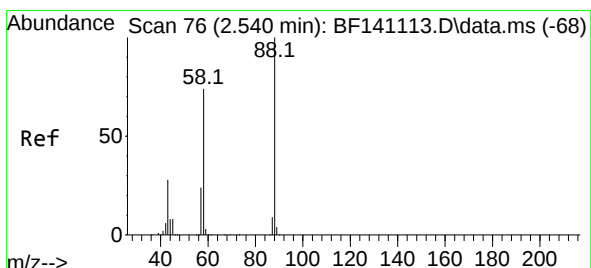
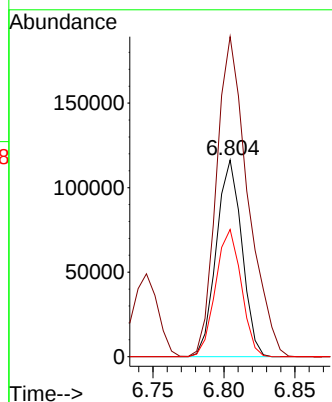
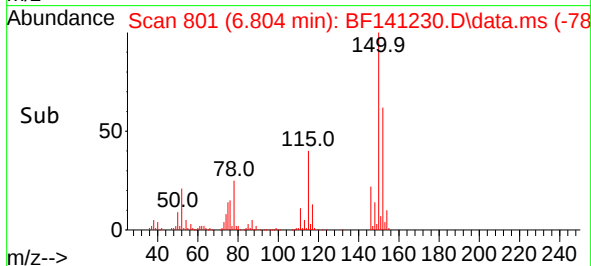
Instrument :
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PB166129BS



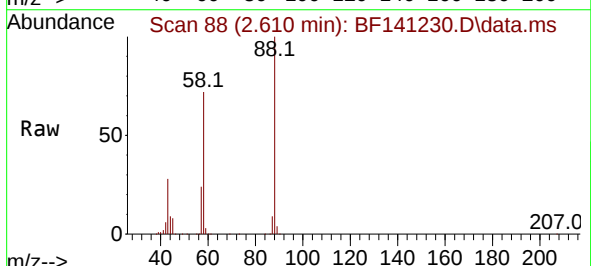
Tgt Ion:152 Resp: 14563
Ion Ratio Lower Upper
152 100
150 162.7 125.8 188.8
115 64.6 51.4 77.2

Manual Integrations
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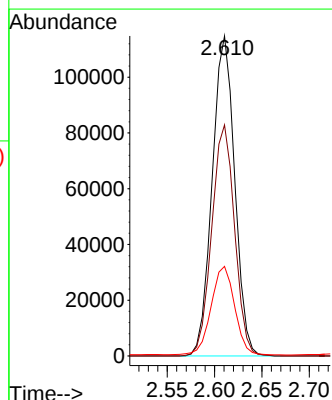
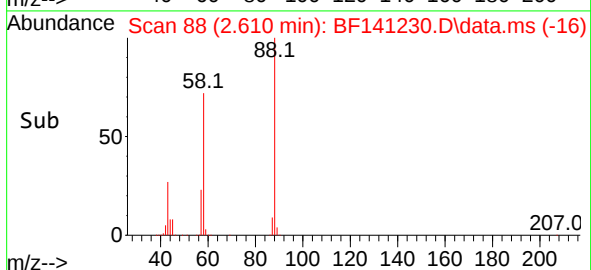
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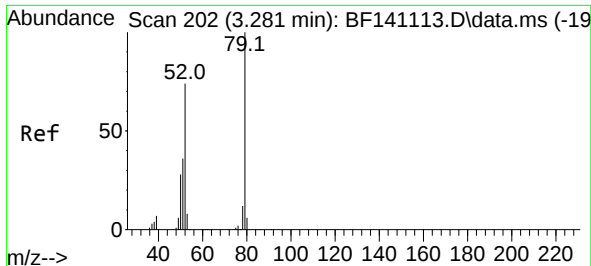


#2
1,4-Dioxane
Concen: 45.158 ng
RT: 2.610 min Scan# 88
Delta R.T. 0.071 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



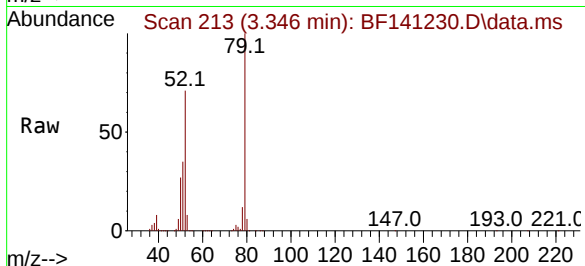
Tgt Ion: 88 Resp: 189580
Ion Ratio Lower Upper
88 100
58 73.1 60.1 90.1
43 29.0 23.1 34.7





#3
Pyridine
Concen: 46.072 ng
RT: 3.346 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

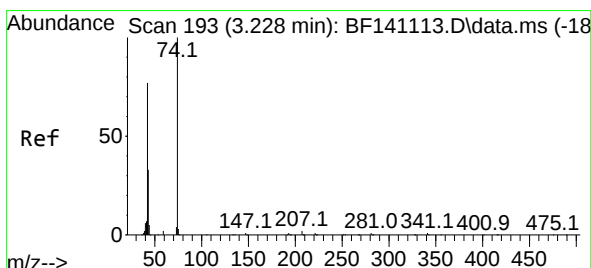
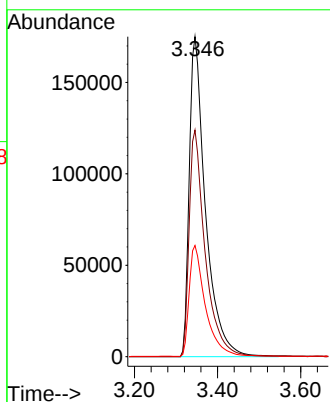
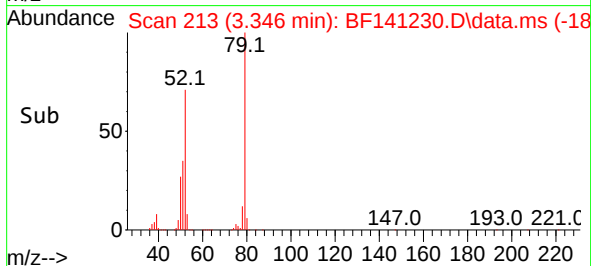
Instrument :
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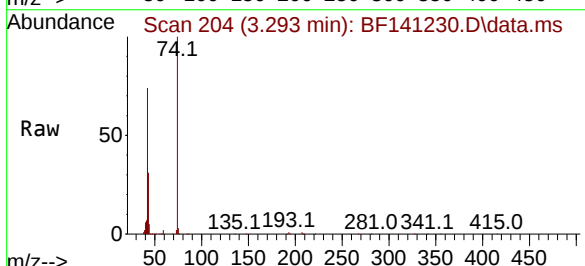
Tgt Ion: 79 Resp: 47430
Ion Ratio Lower Upper
79 100
52 70.8 58.9 88.3
51 34.8 29.1 43.7

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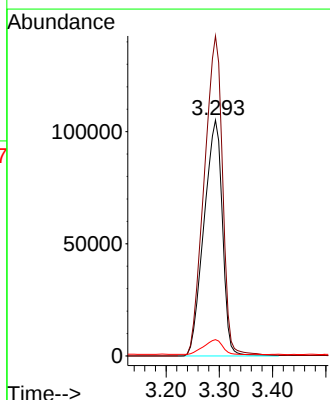
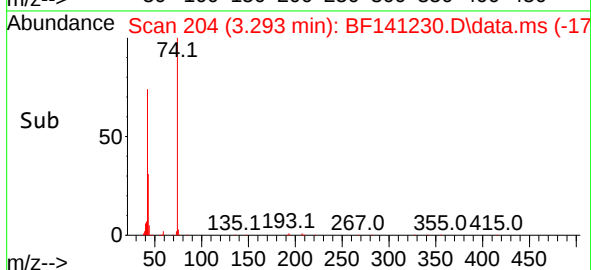
Reviewed By :Yogesh Patel 01/22/2025
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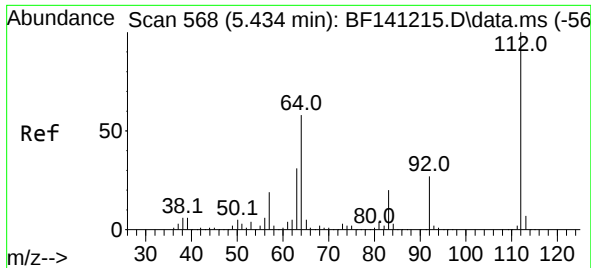


#4
n-Nitrosodimethylamine
Concen: 50.239 ng
RT: 3.293 min Scan# 204
Delta R.T. 0.065 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



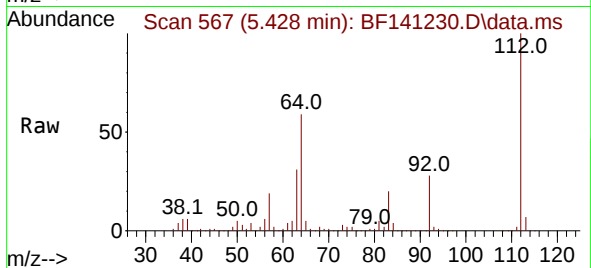
Tgt Ion: 42 Resp: 252891
Ion Ratio Lower Upper
42 100
74 135.7 103.8 155.6
44 6.9 5.3 7.9





#5
2-Fluorophenol
Concen: 151.272 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

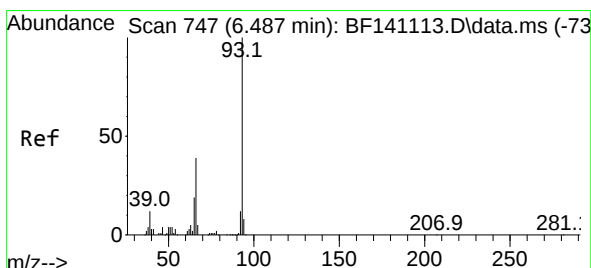
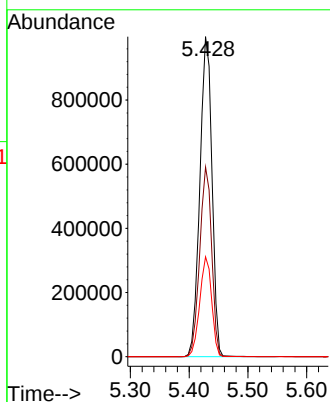
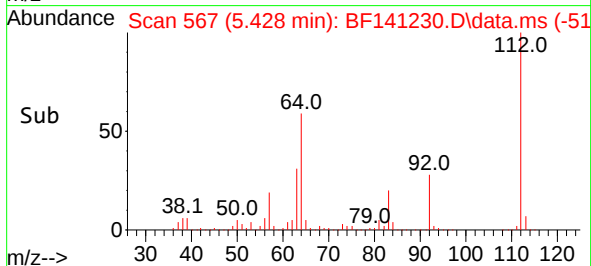
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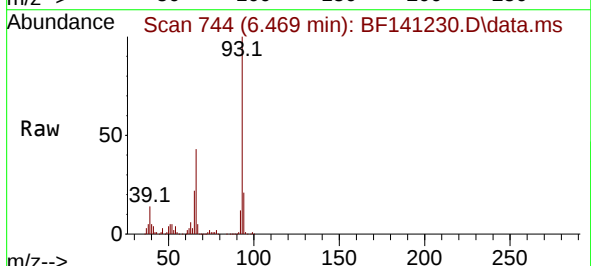
Tgt Ion:112 Resp: 142608
Ion Ratio Lower Upper
112 100
64 59.3 47.3 70.9
63 31.2 24.2 36.2

Manual Integrations
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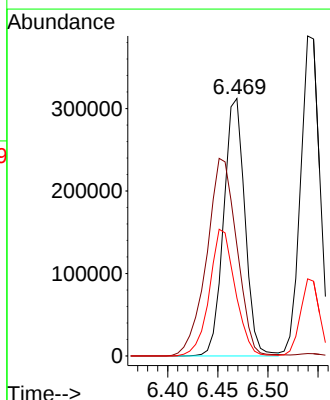
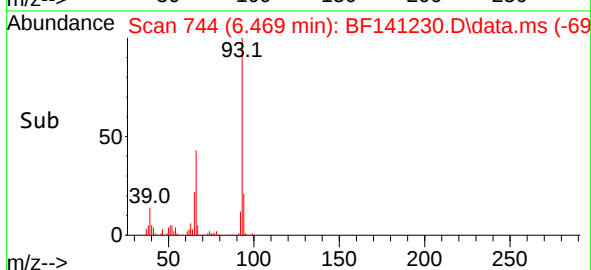
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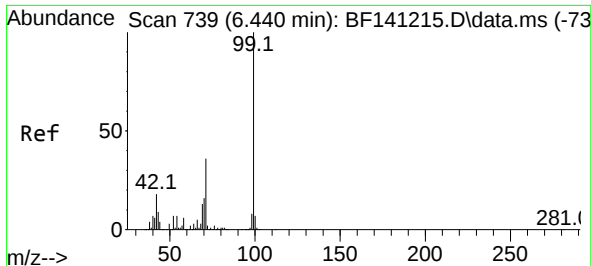


#6
Aniline
Concen: 43.256 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



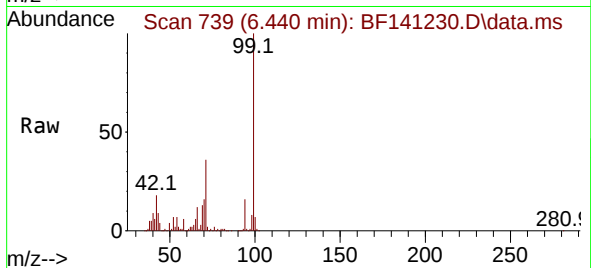
Tgt Ion: 93 Resp: 458608
Ion Ratio Lower Upper
93 100
66 43.0 31.5 47.3
65 22.5 15.3 22.9





#7
Phenol-d6
Concen: 150.134 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

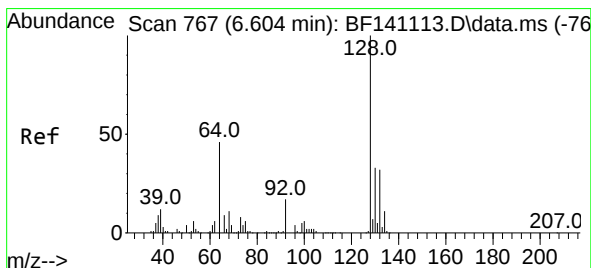
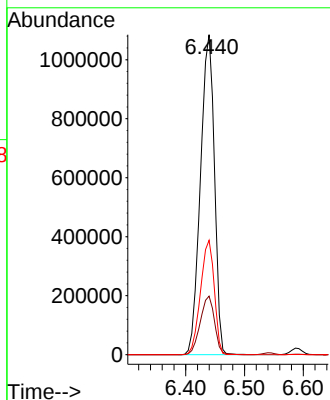
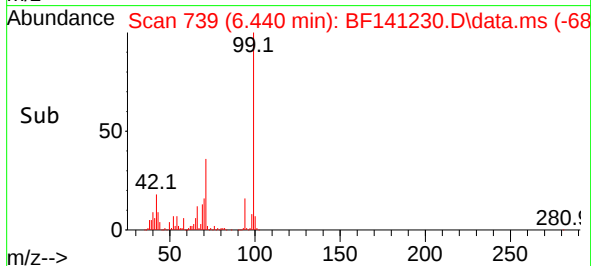
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Tgt Ion: 99 Resp: 179284
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.8 27.6 41.4

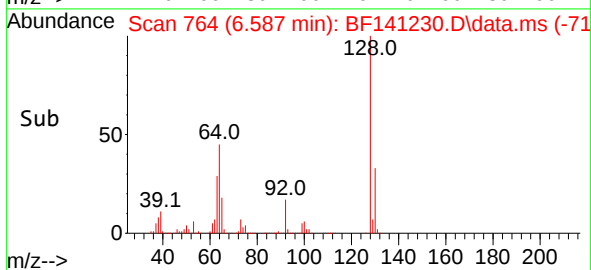
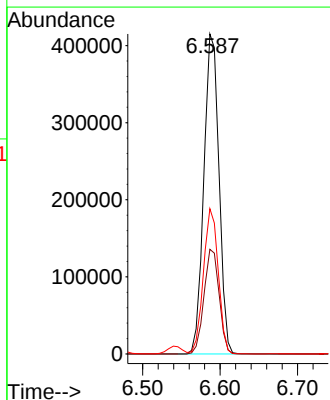
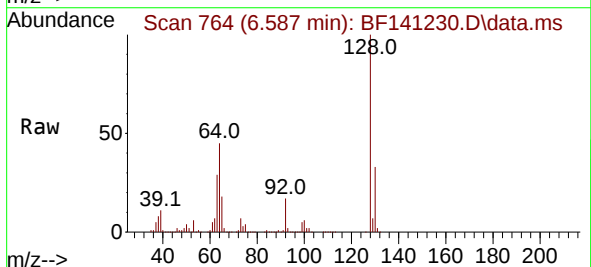
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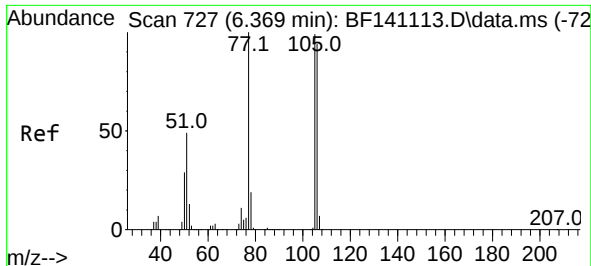
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#8
2-Chlorophenol
Concen: 55.569 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

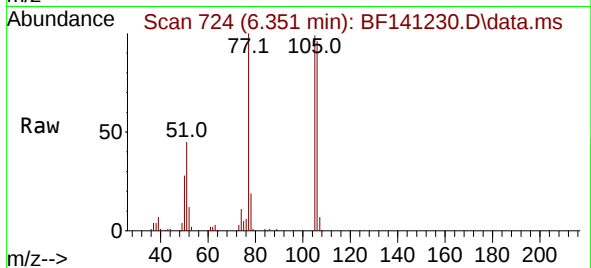
Tgt Ion:128 Resp: 562041
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 45.4 28.3 68.3





#9
Benzaldehyde
Concen: 8.864 ng
RT: 6.351 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

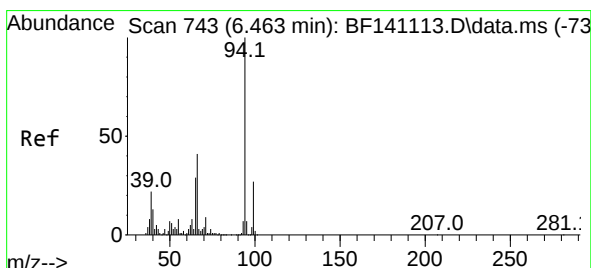
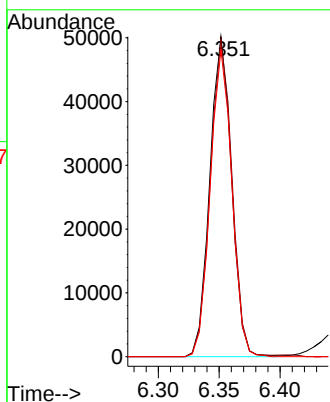
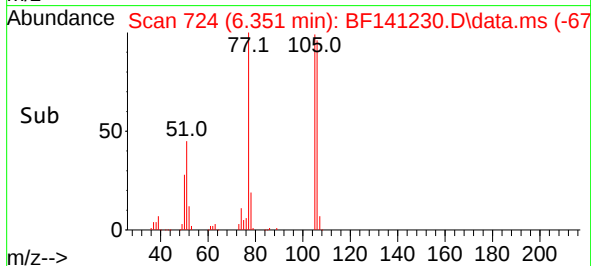
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BNA_F
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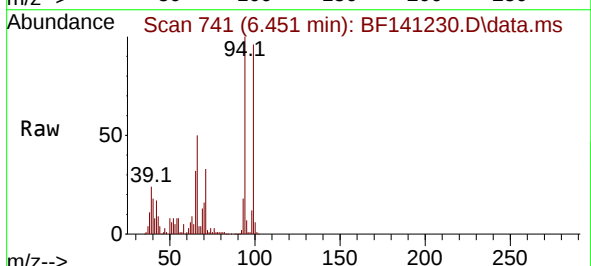
Tgt Ion: 77 Resp: 6234
Ion Ratio Lower Upper
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105 99.1 78.9 118.9
106 95.9 73.6 113.6

Manual Integrations
APPROVED

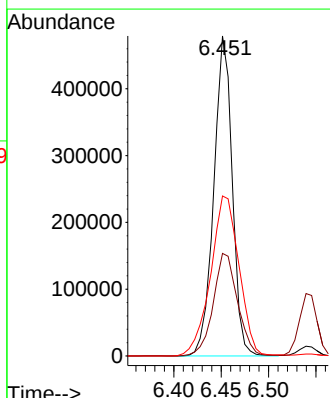
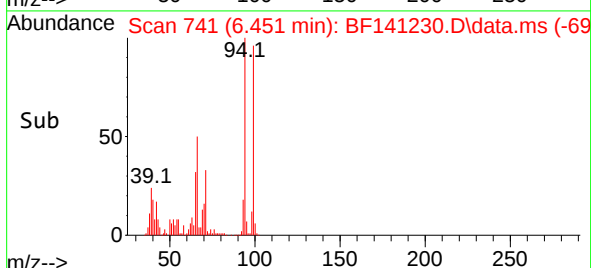
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

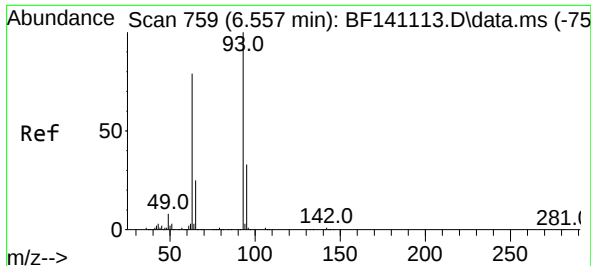


#10
Phenol
Concen: 50.817 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



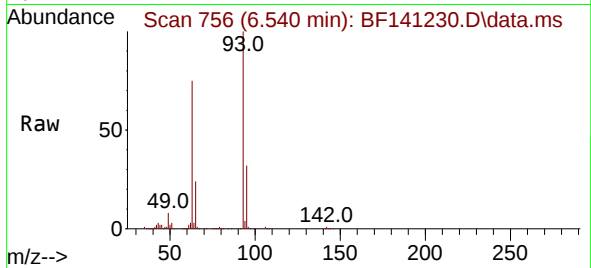
Tgt Ion: 94 Resp: 649600
Ion Ratio Lower Upper
94 100
65 32.1 8.9 48.9
66 50.0 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 53.635 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

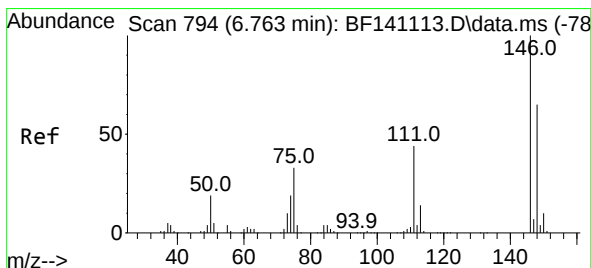
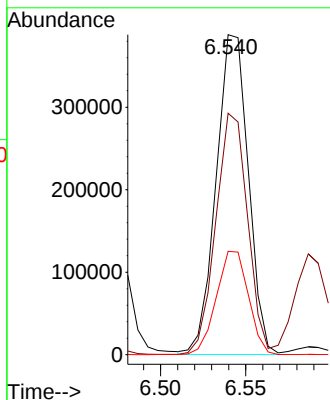
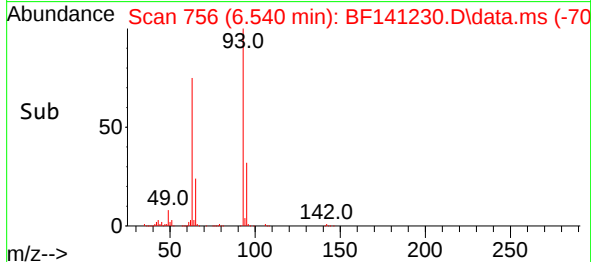
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion: 93 Resp: 510958
Ion Ratio Lower Upper
93 100
63 75.4 58.0 98.0
95 32.3 12.5 52.5

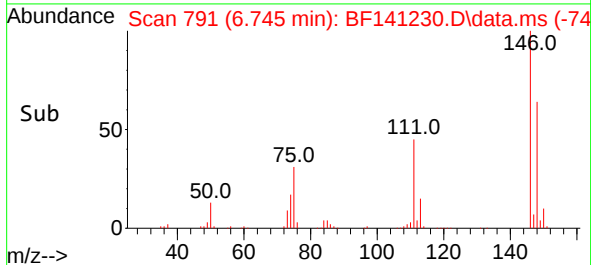
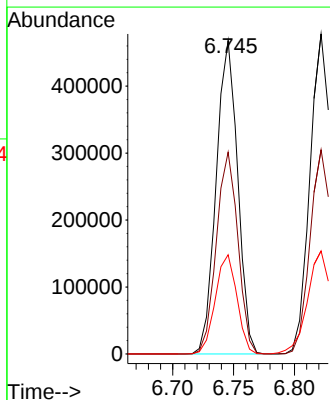
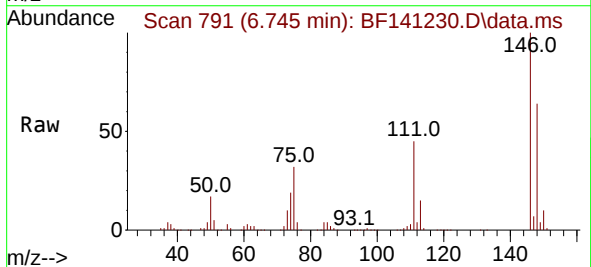
Manual Integrations
APPROVED

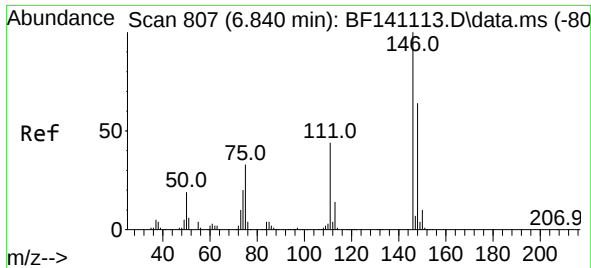
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#12
1,3-Dichlorobenzene
Concen: 50.964 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

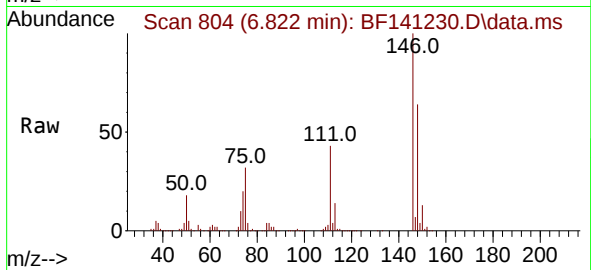
Tgt Ion:146 Resp: 574907
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 31.7 26.2 39.2





#13
1,4-Dichlorobenzene
Concen: 51.731 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

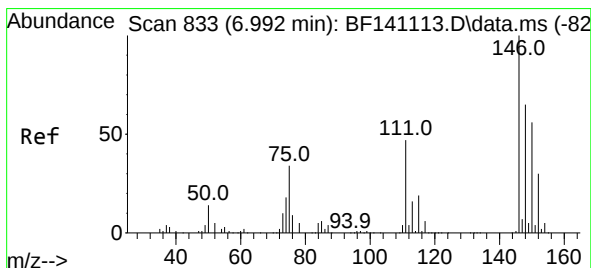
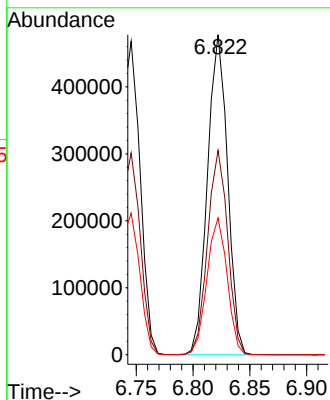
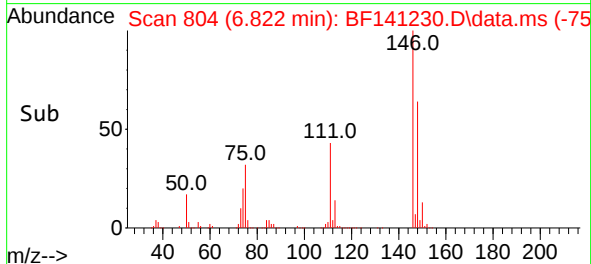
Instrument :
BNA_F
ClientSampleId :
PB166129BS



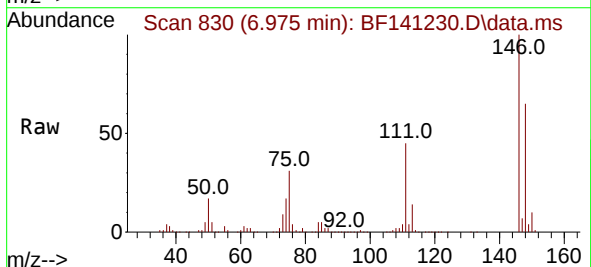
Tgt Ion:146 Resp: 588058
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 42.7 34.9 52.3

Manual Integrations
APPROVED

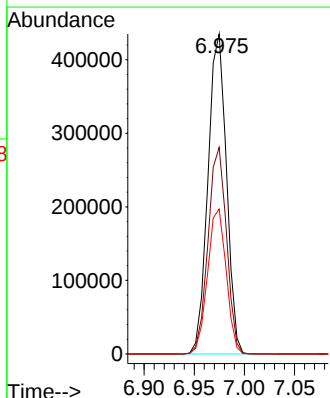
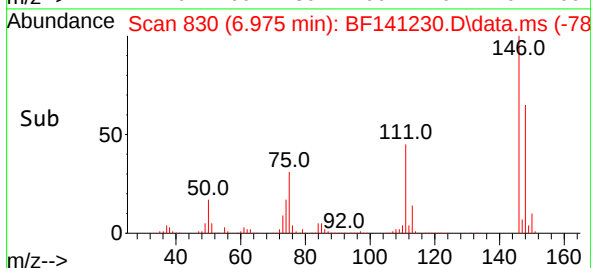
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

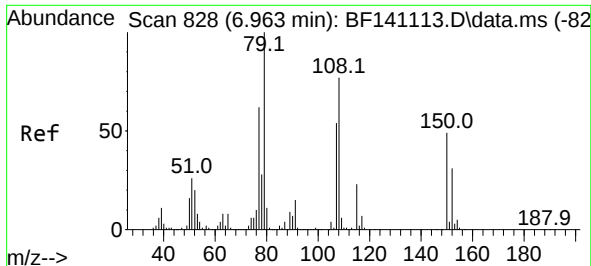


#14
1,2-Dichlorobenzene
Concen: 52.683 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



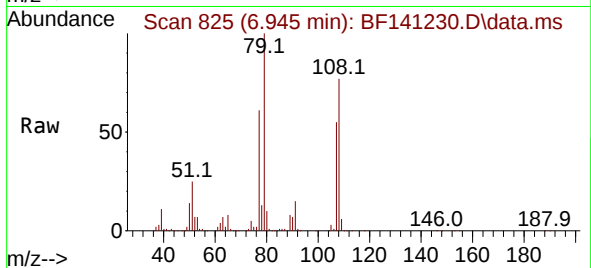
Tgt Ion:146 Resp: 558631
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.4
111 45.3 37.5 56.3





#15
Benzyl Alcohol
Concen: 55.712 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

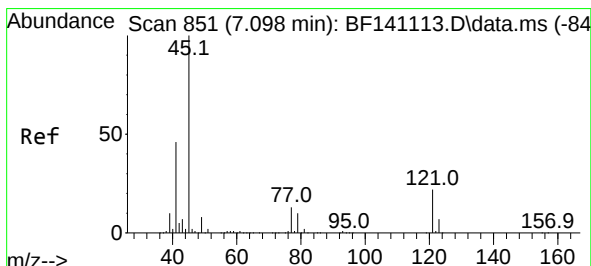
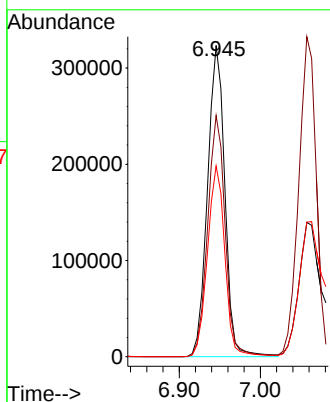
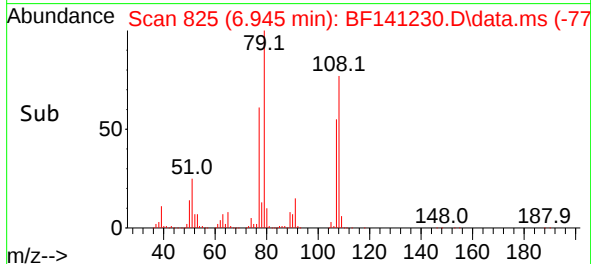
Instrument :
BNA_F
ClientSampleId :
PB166129BS



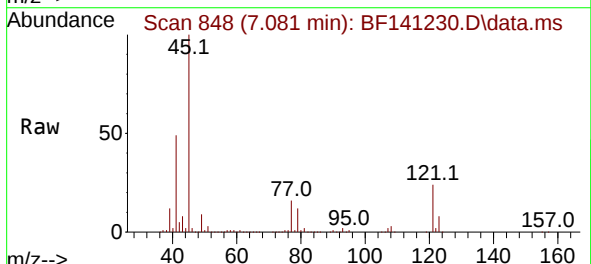
Tgt Ion: 79 Resp: 48046
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 61.3 49.8 74.6

Manual Integrations
APPROVED

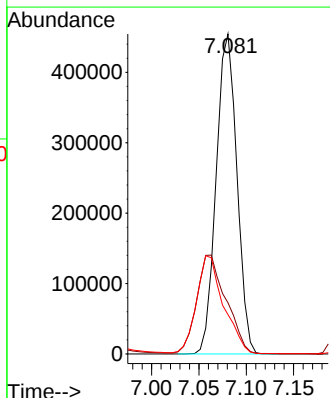
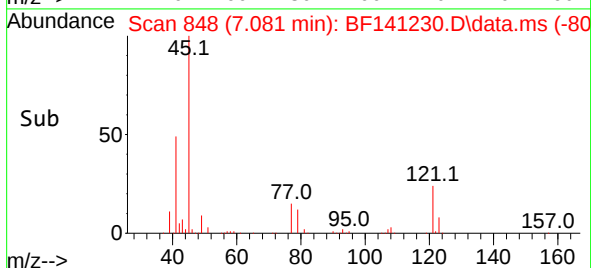
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

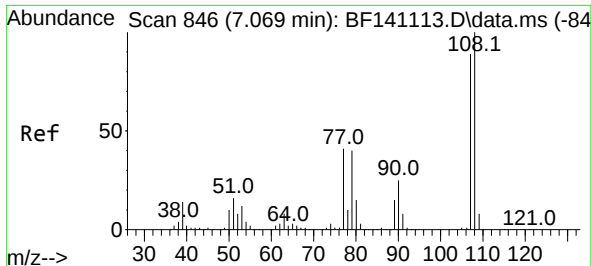


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.048 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion: 45 Resp: 691913
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.1
79 12.3 0.0 31.0





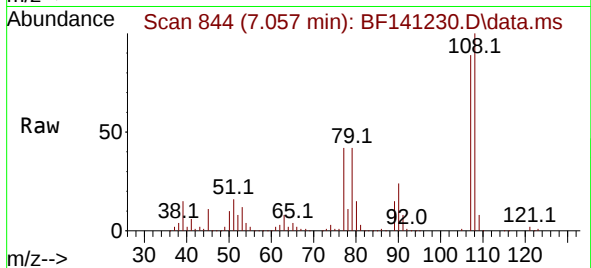
#17
2-Methylphenol
Concen: 53.979 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

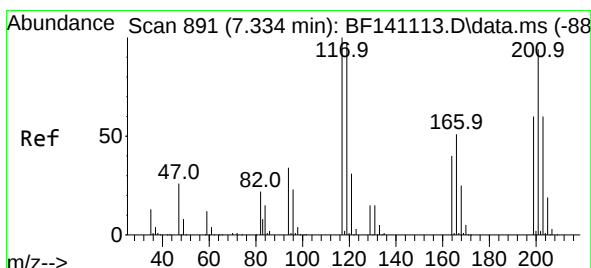
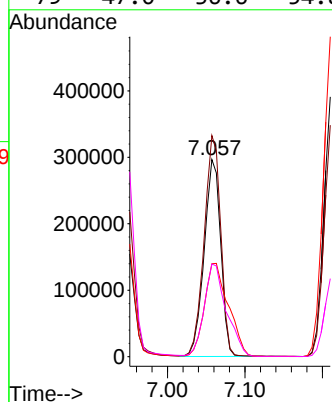


Tgt Ion:107 Resp: 440775
Ion Ratio Lower Upper
107 100
108 112.1 90.1 135.1
77 47.2 36.6 55.0
79 47.0 36.6 54.8

Manual Integrations

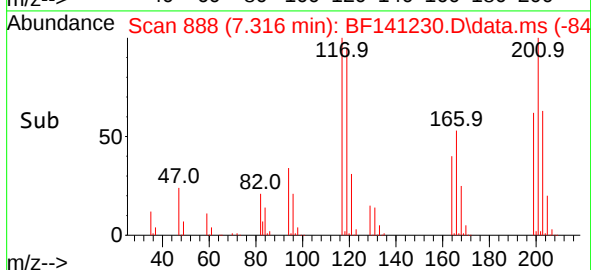
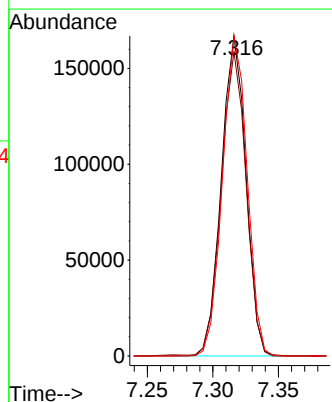
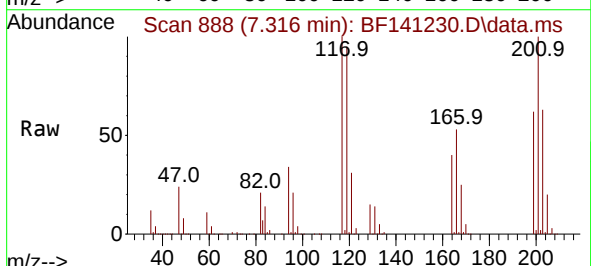
APPROVED

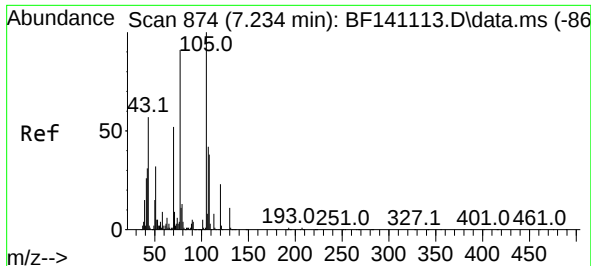
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#18
Hexachloroethane
Concen: 52.841 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

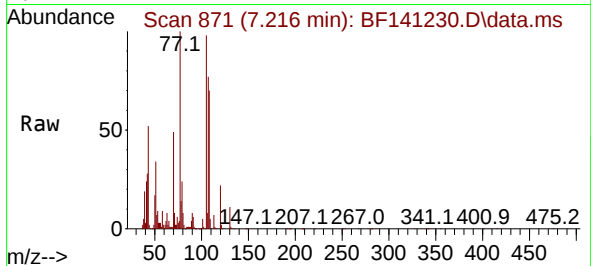
Tgt Ion:117 Resp: 217219
Ion Ratio Lower Upper
117 100
119 95.1 77.6 116.4
201 100.0 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 52.815 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

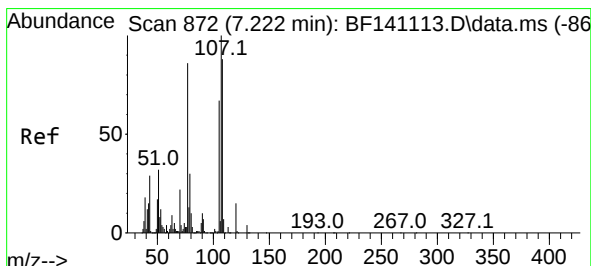
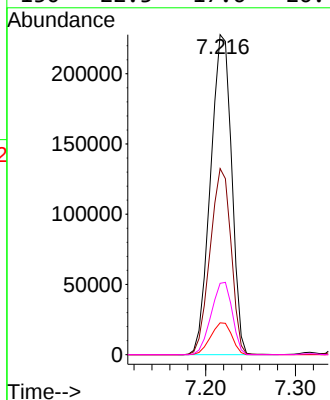
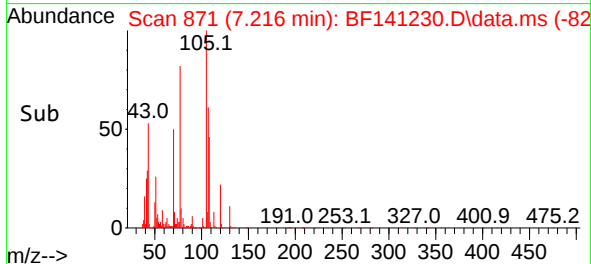
Instrument :
BNA_F
ClientSampleId :
PB166129BS



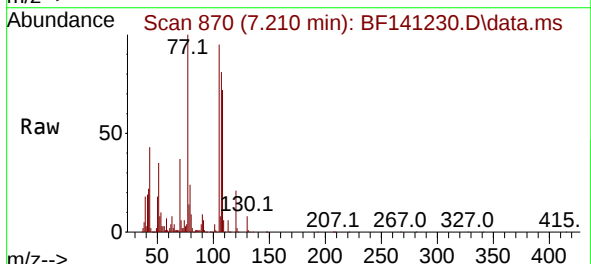
Tgt Ion: 70 Resp: 37152
Ion Ratio Lower Upper
70 100
42 58.2 47.8 71.6
101 10.0 7.9 11.9
130 22.3 17.6 26.4

Manual Integrations
APPROVED

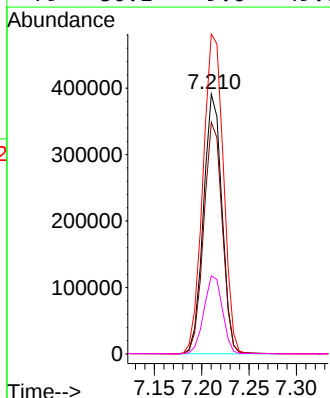
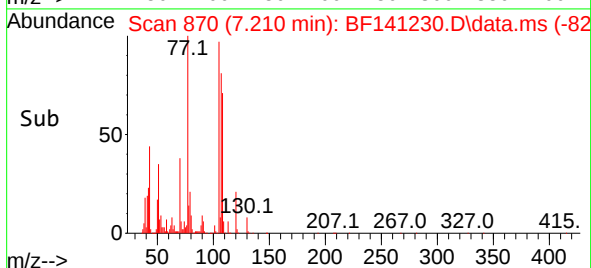
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

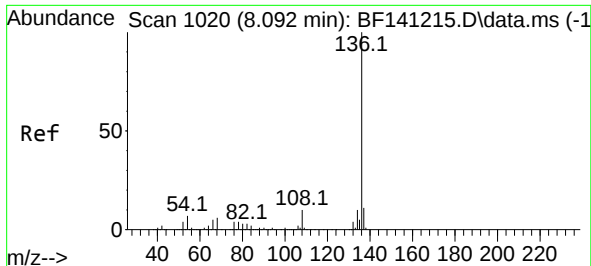


#20
3+4-Methylphenols
Concen: 51.311 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:107 Resp: 528600
Ion Ratio Lower Upper
107 100
108 89.1 68.3 108.3
77 123.1 66.4 106.4#
79 30.1 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: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

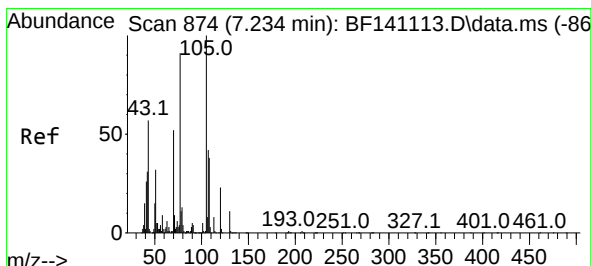
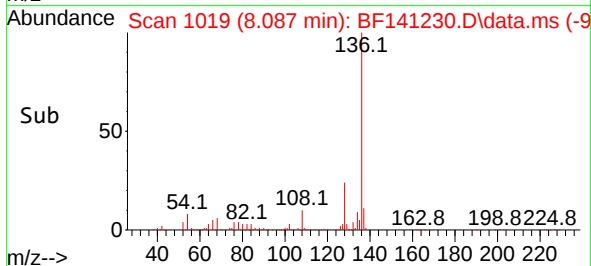
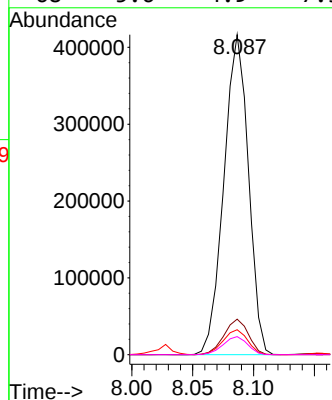
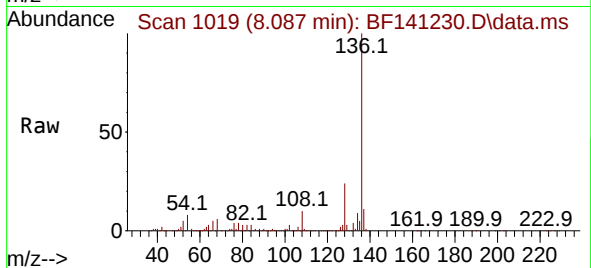
PB166129BS

Tgt Ion:136 Resp: 584630
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 6.3 9.5
68 5.6 4.9 7.3

Manual Integrations

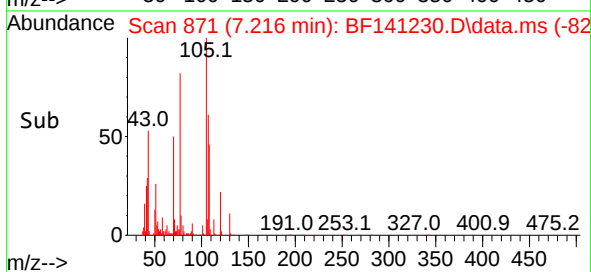
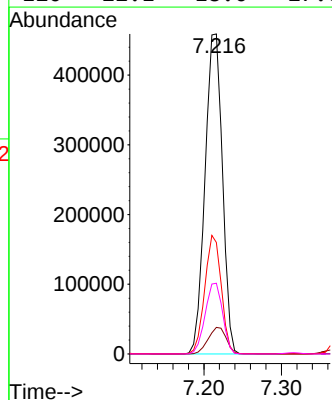
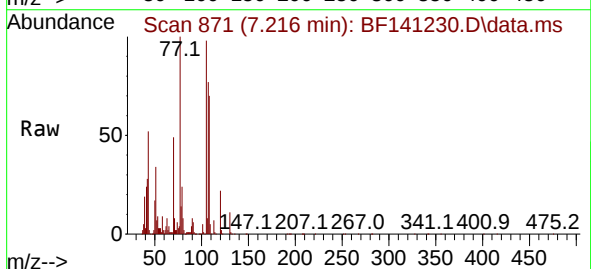
APPROVED

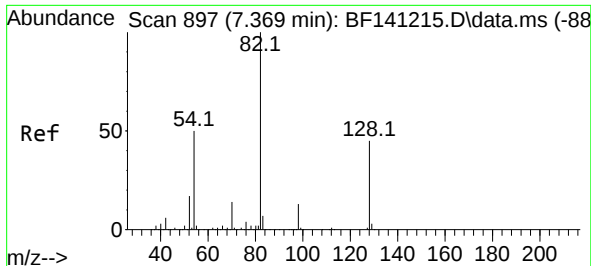
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#22
Acetophenone
Concen: 51.490 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

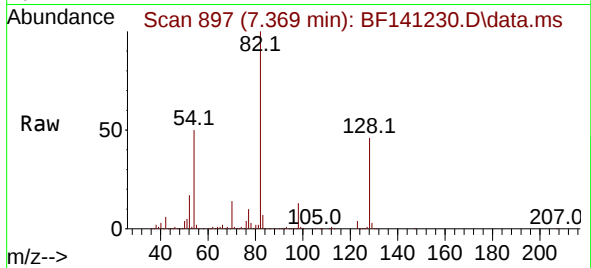
Tgt Ion:105 Resp: 715616
Ion Ratio Lower Upper
105 100
71 8.3 7.1 10.7
51 34.9 25.4 38.2
120 22.1 18.0 27.0





#23
Nitrobenzene-d5
Concen: 105.487 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

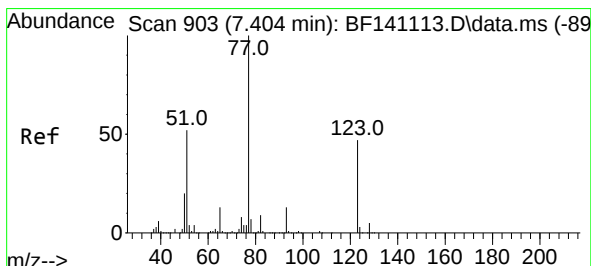
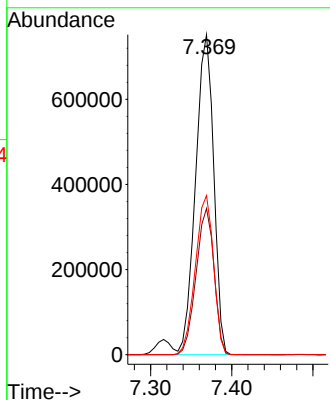
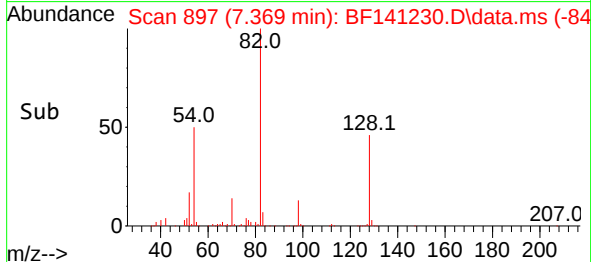
Instrument :
BNA_F
ClientSampleId :
PB166129BS



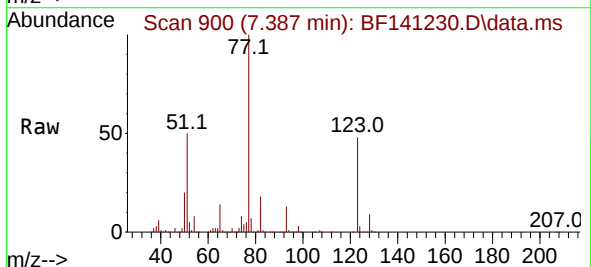
Tgt Ion: 82 Resp: 1163420
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 49.8 41.0 61.4

Manual Integrations
APPROVED

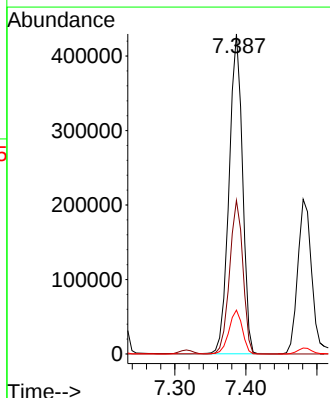
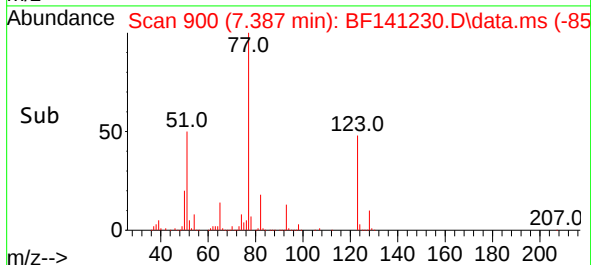
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

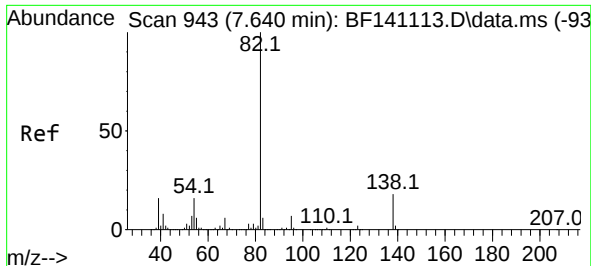


#24
Nitrobenzene
Concen: 49.031 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



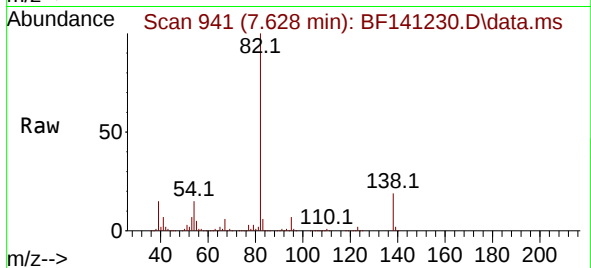
Tgt Ion: 77 Resp: 563584
Ion Ratio Lower Upper
77 100
123 48.0 37.7 56.5
65 13.7 10.6 16.0





#25
Isophorone
Concen: 53.882 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

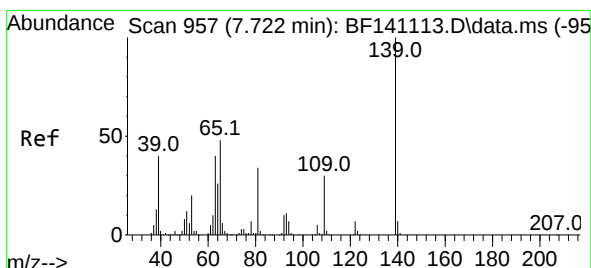
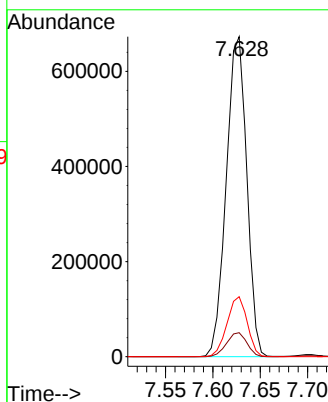
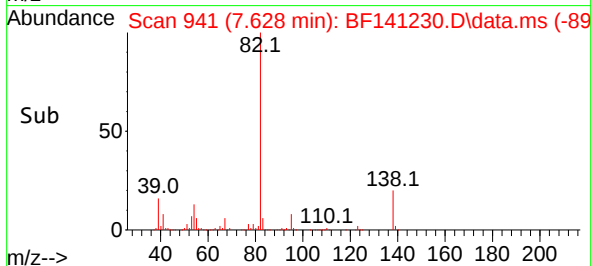
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion: 82 Resp: 101556
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.8 14.2 21.2

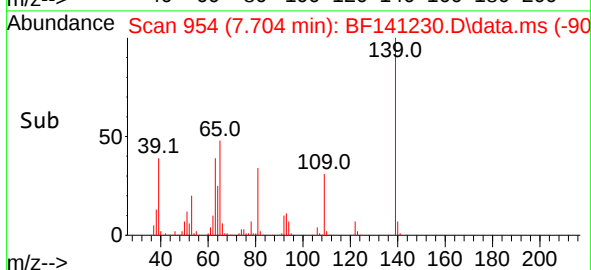
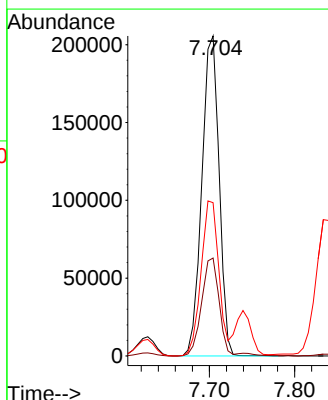
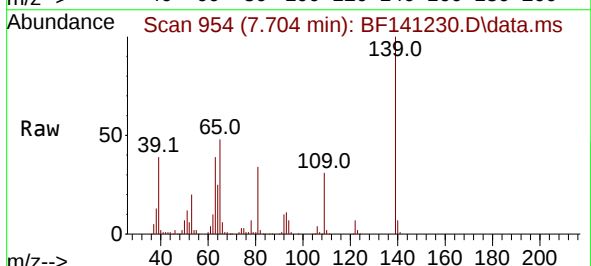
Manual Integrations
APPROVED

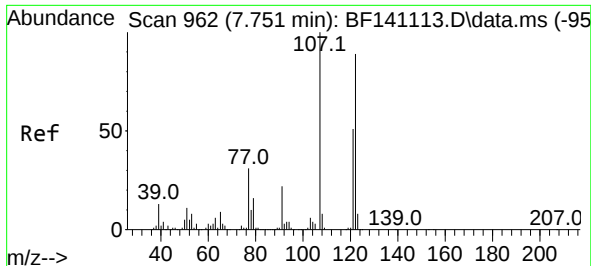
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#26
2-Nitrophenol
Concen: 55.381 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

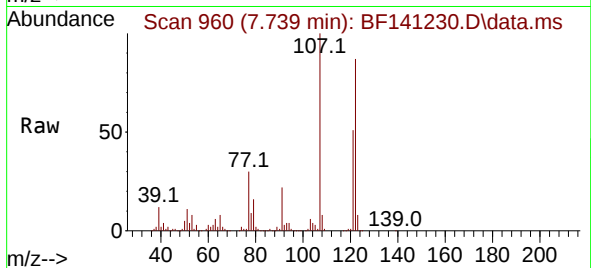
Tgt Ion:139 Resp: 289570
Ion Ratio Lower Upper
139 100
109 30.6 23.8 35.6
65 47.9 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 63.047 ng
RT: 7.739 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

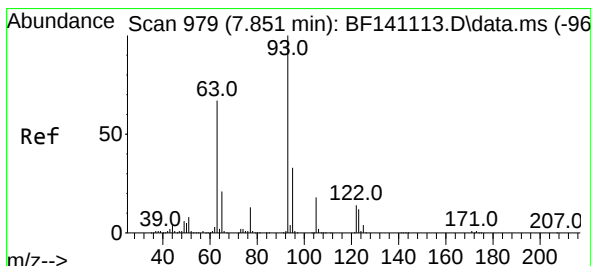
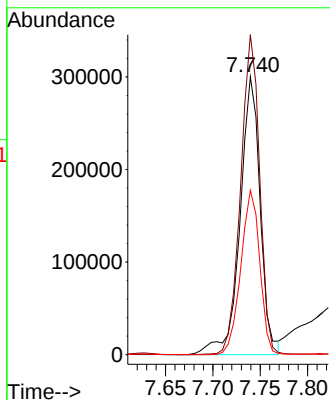
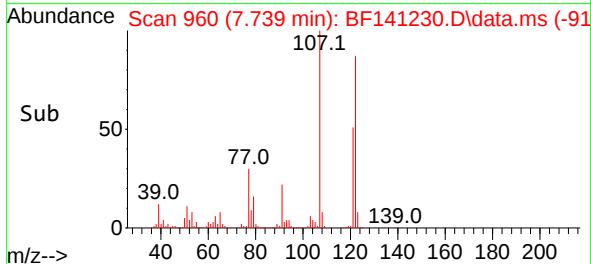
Instrument :
BNA_F
ClientSampleId :
PB166129BS



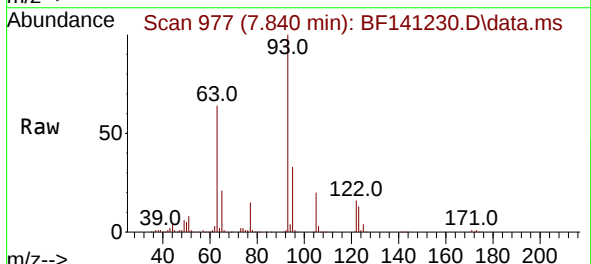
Tgt Ion:122 Resp: 444650
Ion Ratio Lower Upper
122 100
107 115.1 90.3 135.5
121 59.1 46.5 69.7

Manual Integrations
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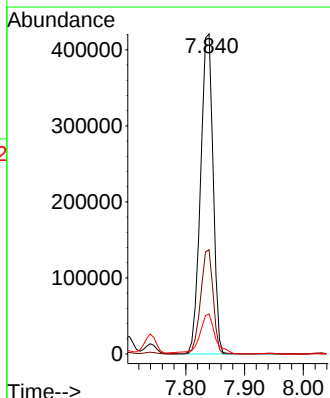
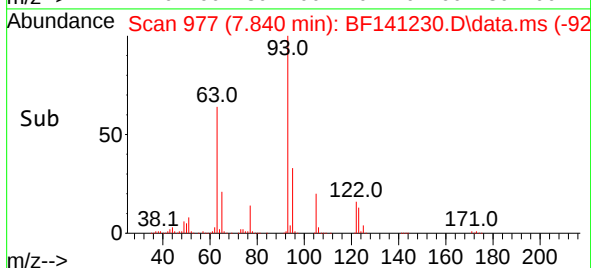
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

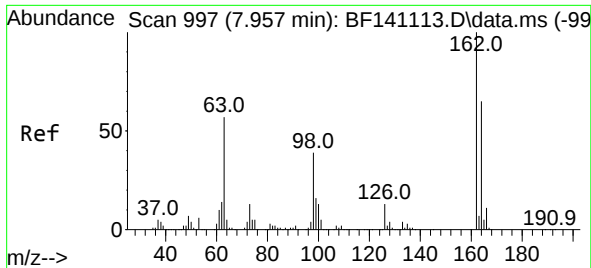


#28
bis(2-Chloroethoxy)methane
Concen: 52.683 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion: 93 Resp: 623172
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 53.185 ng

RT: 7.945 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF141230.D

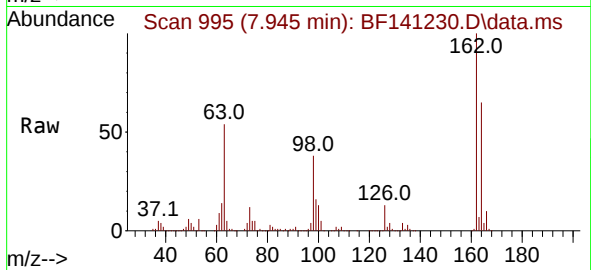
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS



Tgt Ion:162 Resp: 44549

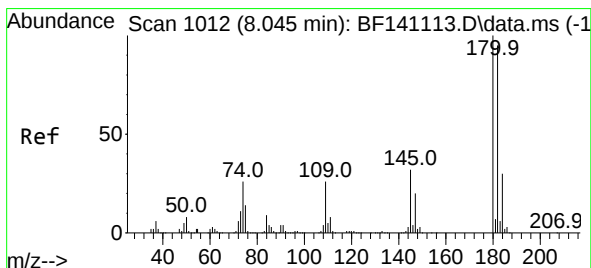
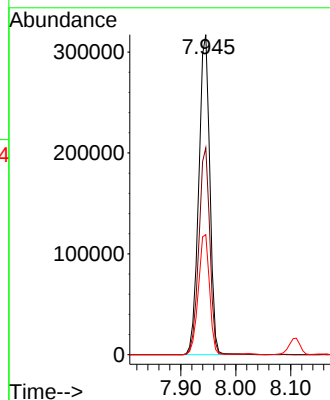
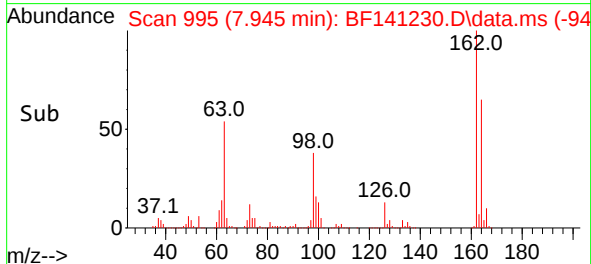
Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	37.5	18.5	58.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#30

1,2,4-Trichlorobenzene

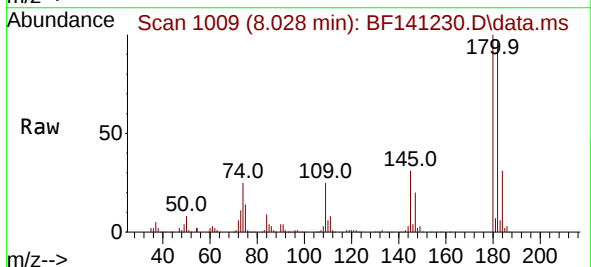
Concen: 50.678 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

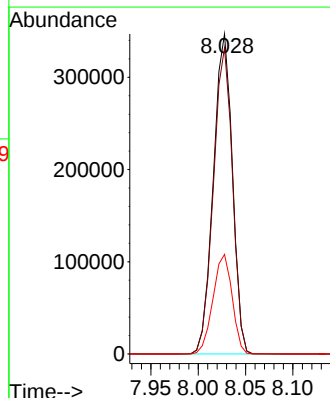
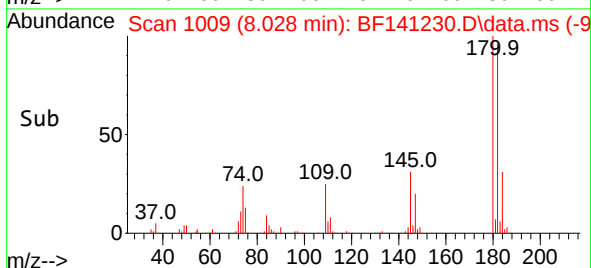
Lab File: BF141230.D

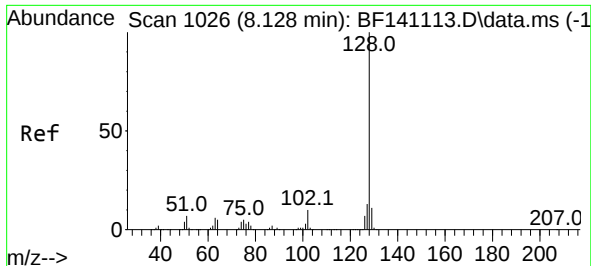
Acq: 21 Jan 2025 12:37



Tgt Ion:180 Resp: 485215

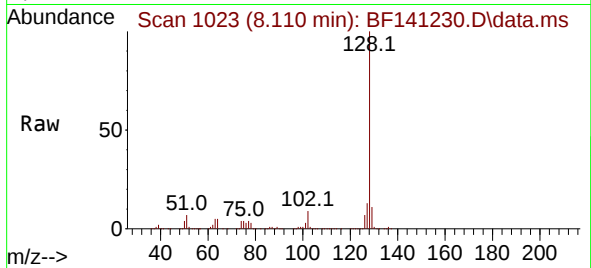
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.2
145	31.1	25.3	37.9





#31
Naphthalene
Concen: 51.688 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

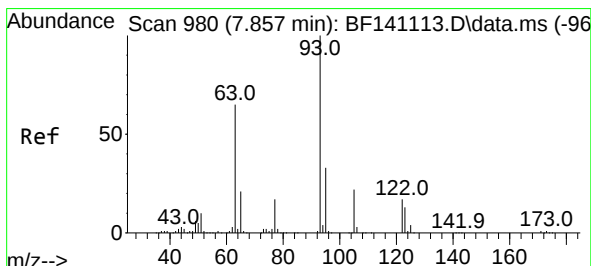
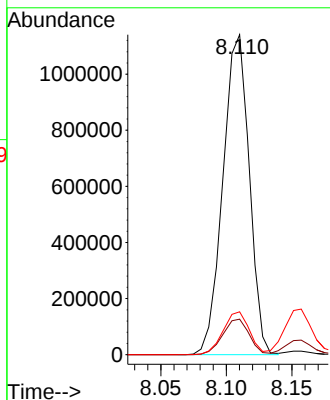
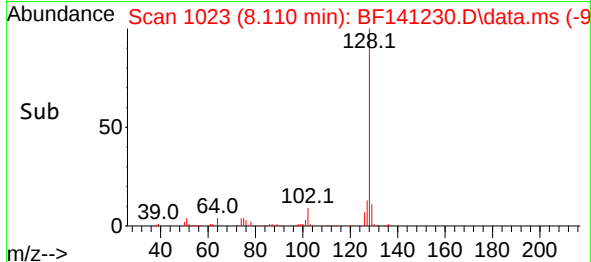
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:128 Resp: 159358
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2

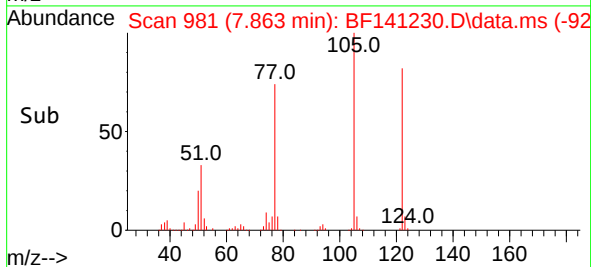
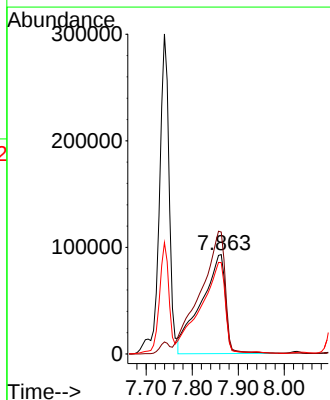
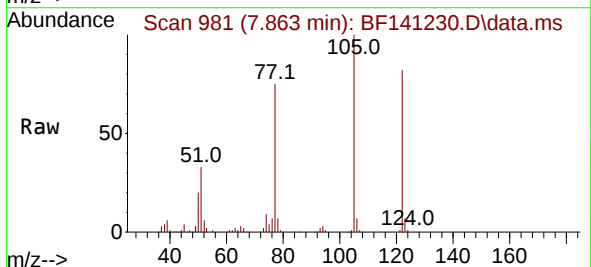
Manual Integrations
APPROVED

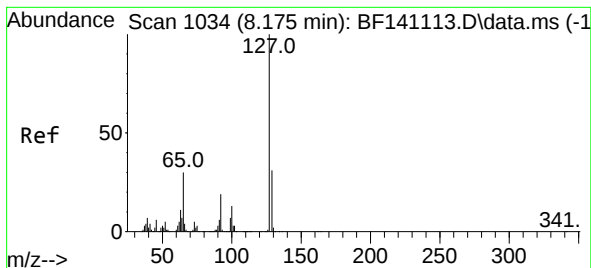
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#32
Benzoic acid
Concen: 50.411 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:122 Resp: 341054
Ion Ratio Lower Upper
122 100
105 122.6 105.5 145.5
77 91.9 75.1 115.1





#33

4-Chloroaniline

Concen: 23.616 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

Tgt Ion:127 Resp: 25180

Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 29.6 23.8 35.8

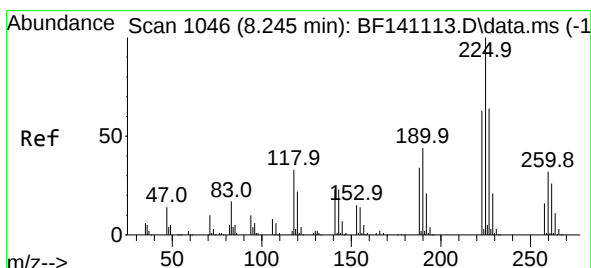
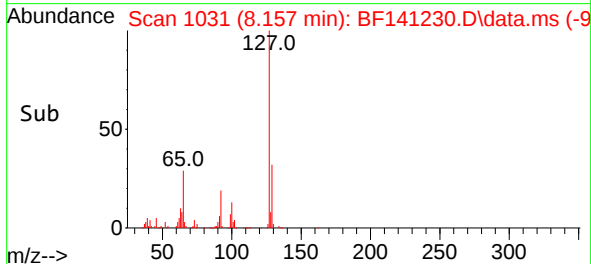
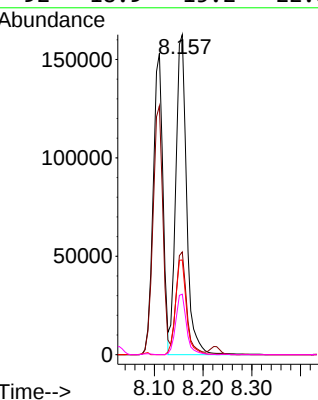
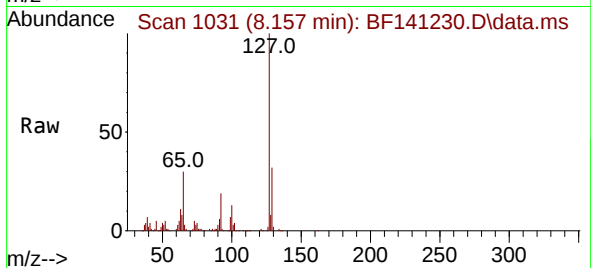
92 18.9 15.2 22.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#34

Hexachlorobutadiene

Concen: 52.293 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

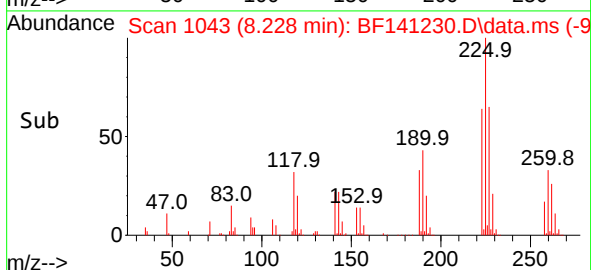
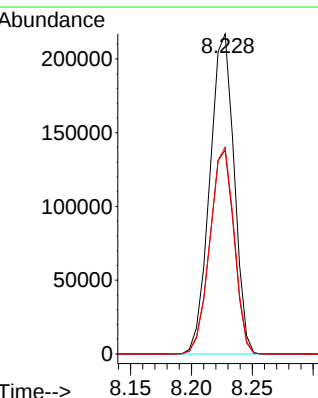
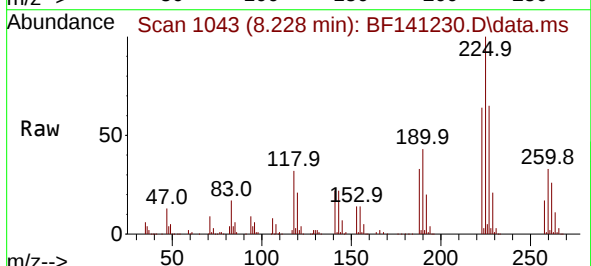
Tgt Ion:225 Resp: 301687

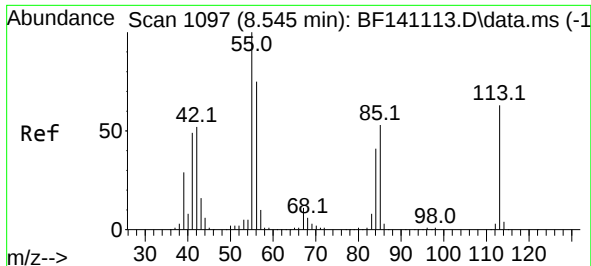
Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

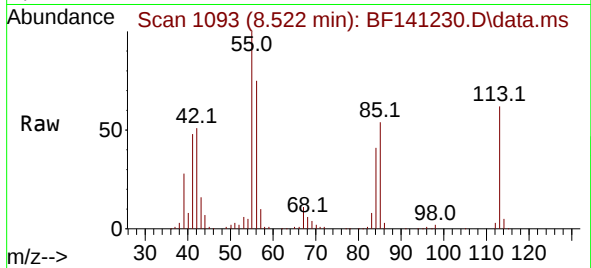
227 64.6 51.6 77.4





#35
Caprolactam
Concen: 44.485 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

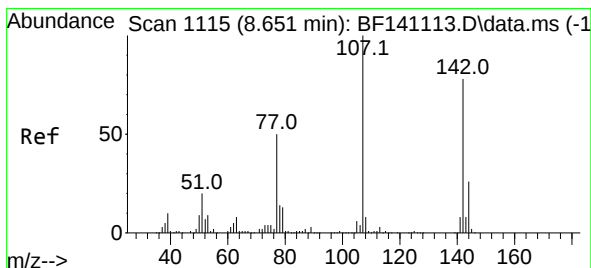
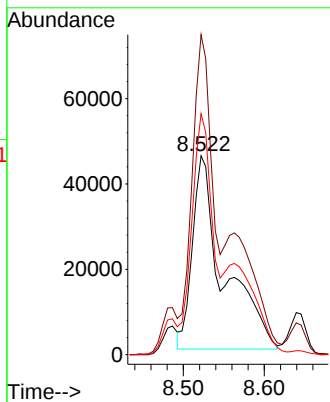
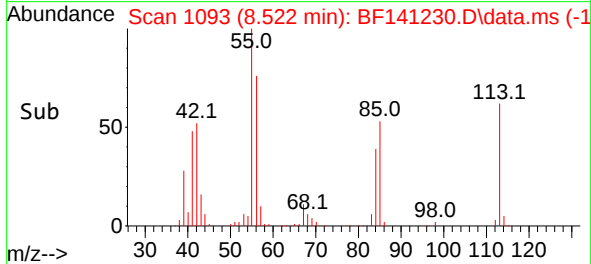
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:113 Resp: 12199
Ion Ratio Lower Upper
113 100
55 160.9 139.7 179.7
56 121.1 99.4 139.4

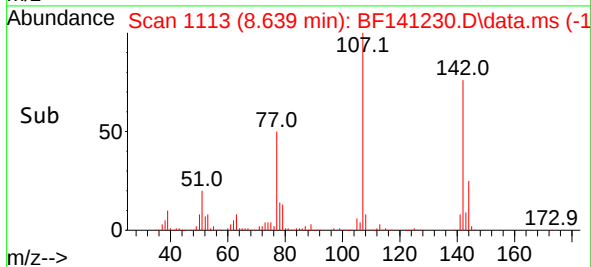
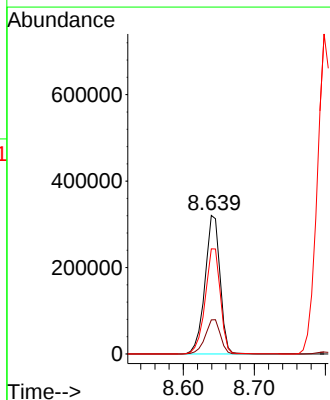
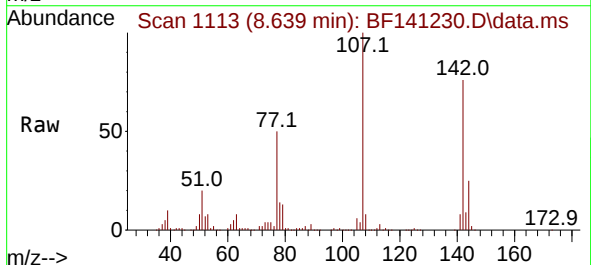
Manual Integrations
APPROVED

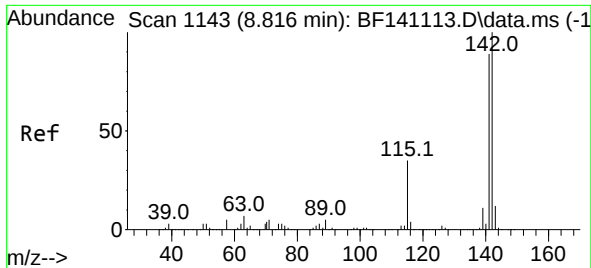
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#36
4-Chloro-3-methylphenol
Concen: 51.837 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

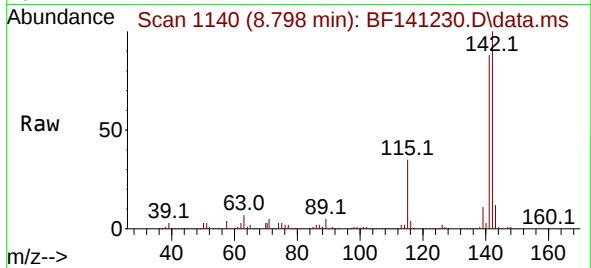
Tgt Ion:107 Resp: 474864
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 75.9 62.2 93.2





#37
2-Methylnaphthalene
Concen: 53.287 ng
RT: 8.798 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

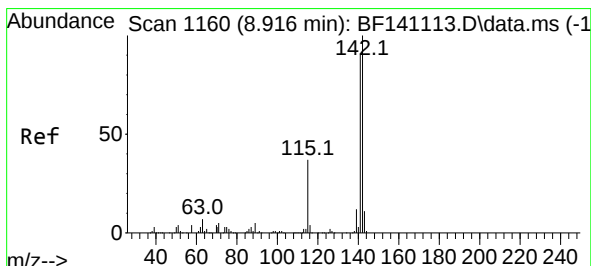
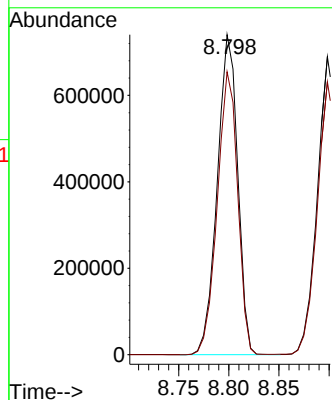
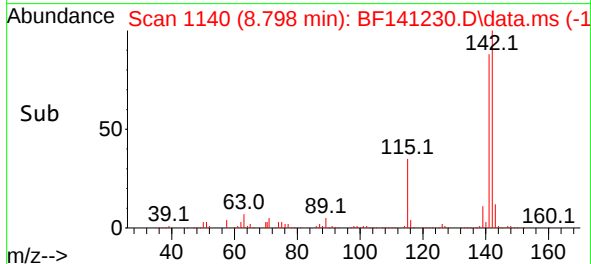
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:142 Resp: 1046898
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9

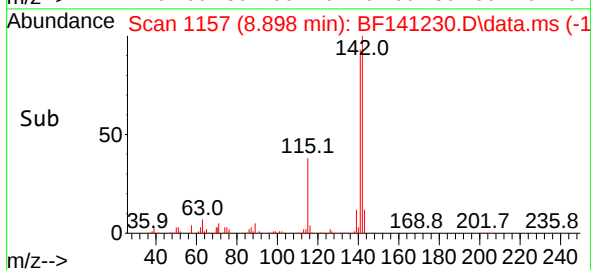
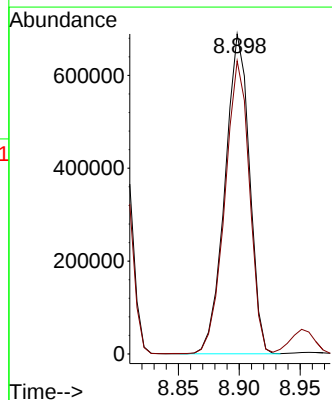
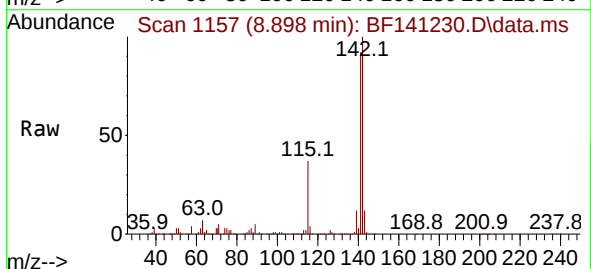
Manual Integrations
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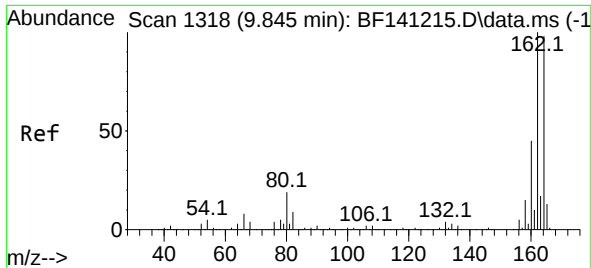
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#38
1-Methylnaphthalene
Concen: 49.808 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:142 Resp: 964400
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





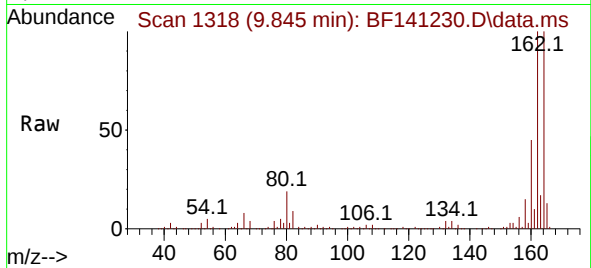
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

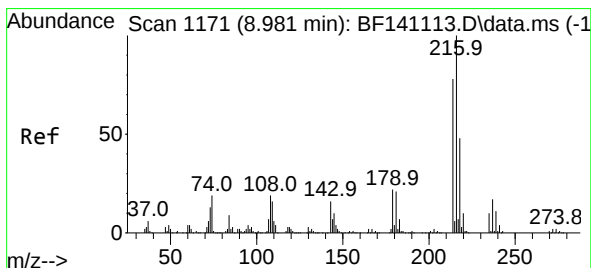
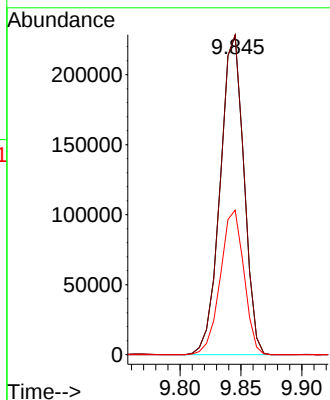
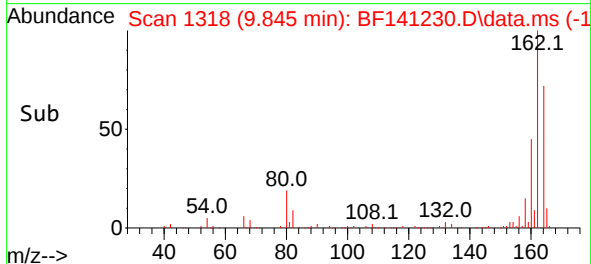


Tgt Ion:164 Resp: 308578
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 45.3 36.1 54.1

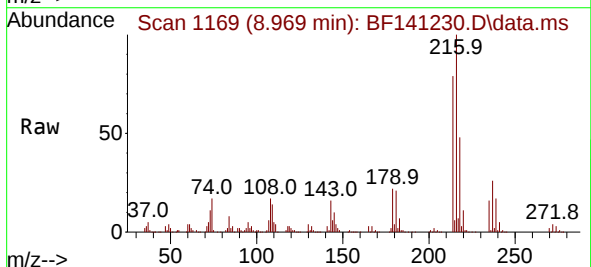
Manual Integrations

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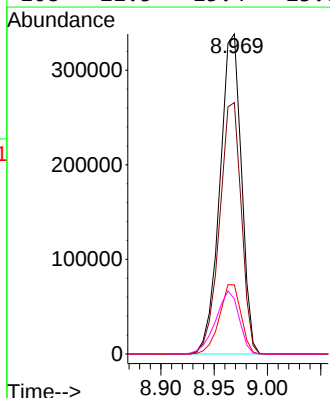
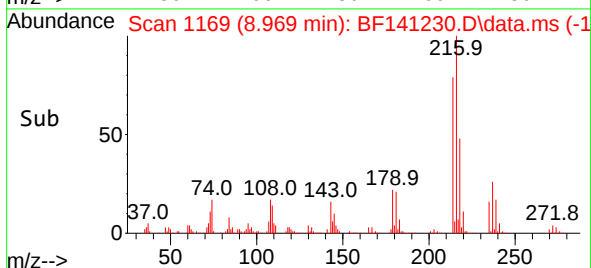
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

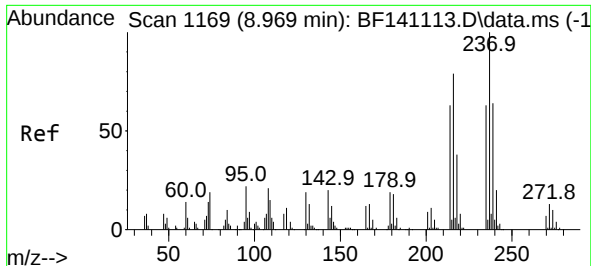


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.656 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



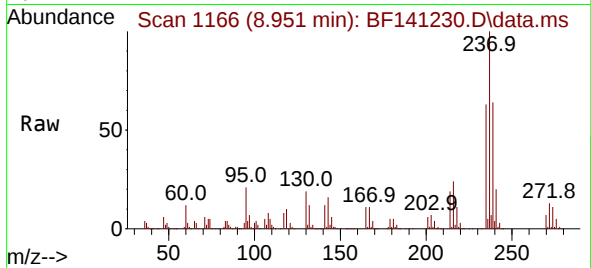
Tgt Ion:216 Resp: 475218
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 21.8 17.7 26.5
108 21.5 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 214.822 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

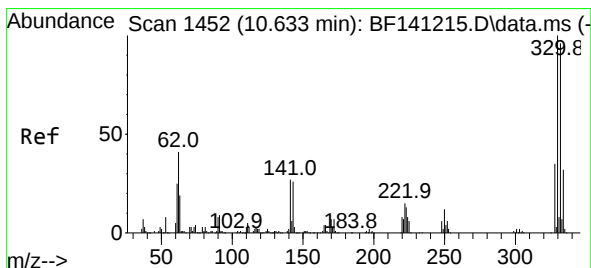
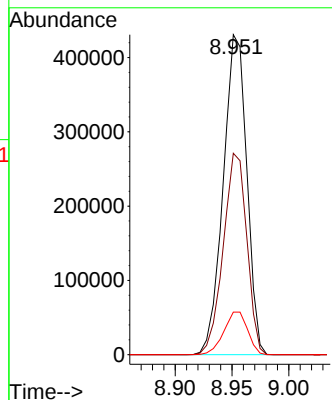
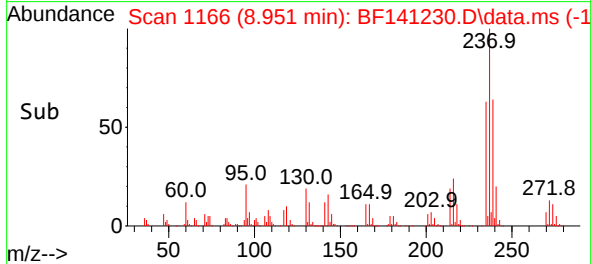
Instrument :
BNA_F
ClientSampleId :
PB166129BS



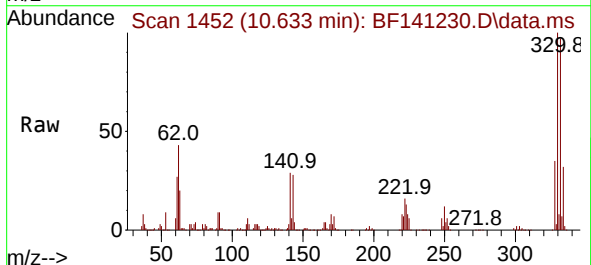
Tgt Ion:237 Resp: 62247
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.3 0.0 33.0

Manual Integrations
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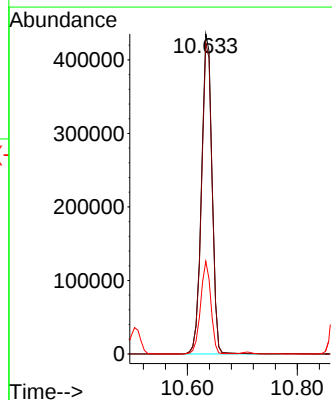
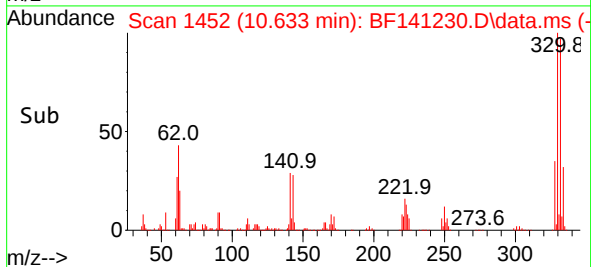
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

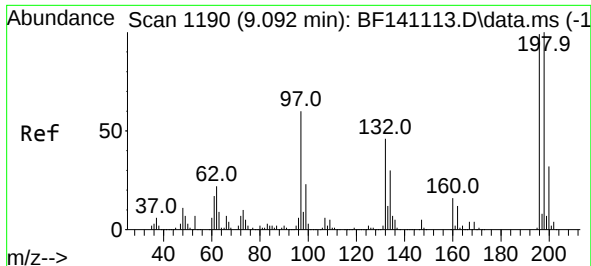


#42
2,4,6-Tribromophenol
Concen: 164.714 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



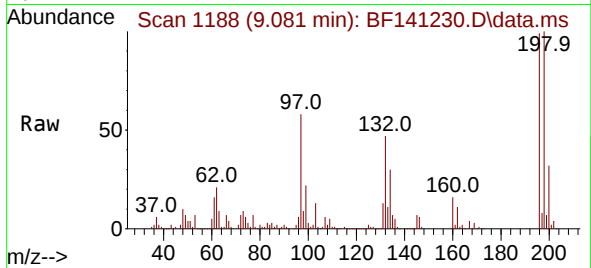
Tgt Ion:330 Resp: 579143
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 28.3 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 54.609 ng
RT: 9.081 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

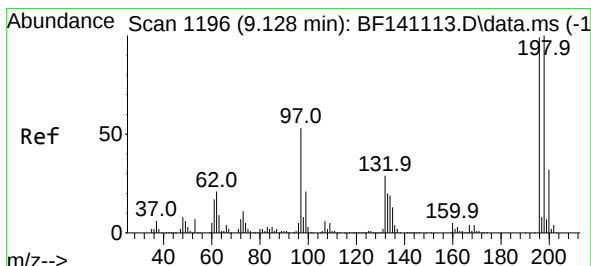
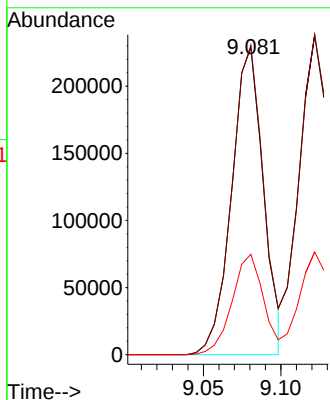
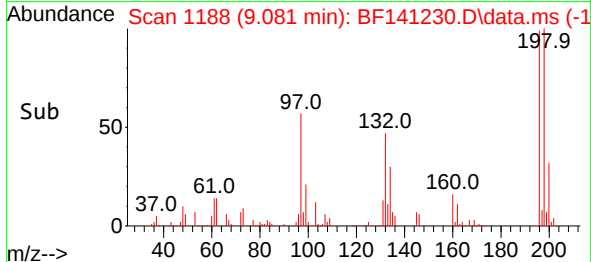
Instrument :
BNA_F
ClientSampleId :
PB166129BS



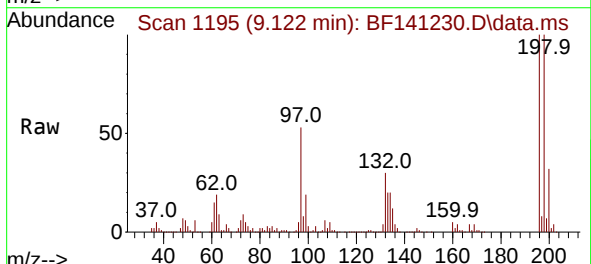
Tgt Ion:196 Resp: 326197
Ion Ratio Lower Upper
196 100
198 100.8 80.8 121.2
200 32.7 25.7 38.5

Manual Integrations
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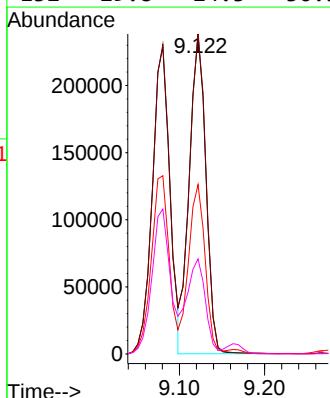
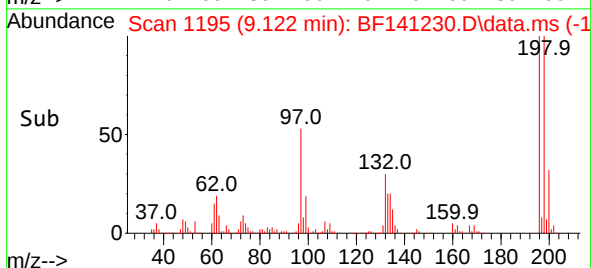
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

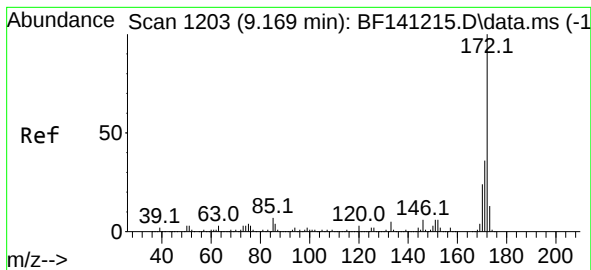


#44
2,4,5-Trichlorophenol
Concen: 51.120 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:196 Resp: 322493
Ion Ratio Lower Upper
196 100
198 100.2 80.6 120.8
97 53.1 43.1 64.7
132 29.8 24.3 36.5





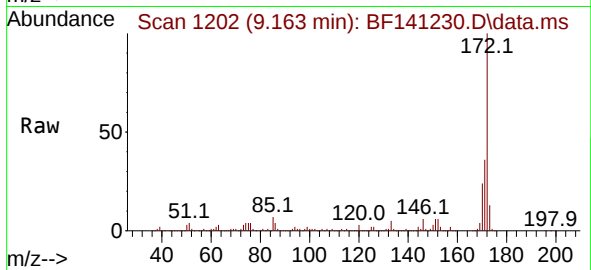
#45
2-Fluorobiphenyl
Concen: 108.134 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

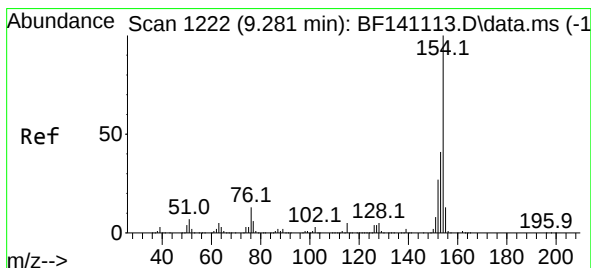
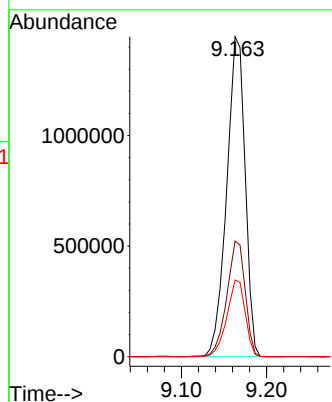
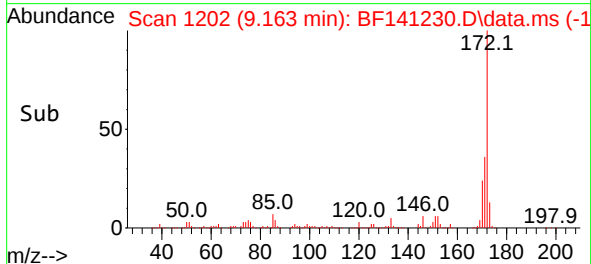


Tgt Ion:172 Resp: 218512
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.0 19.0 28.6

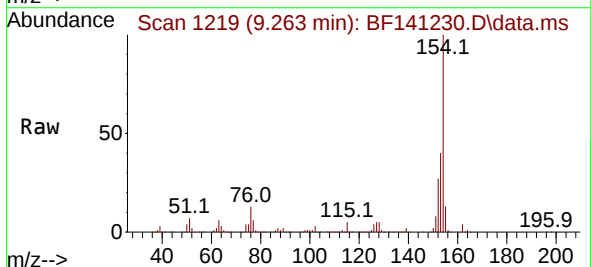
Manual Integrations

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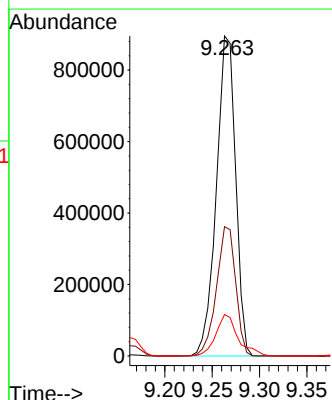
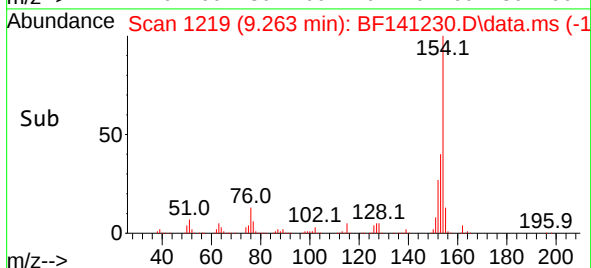
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

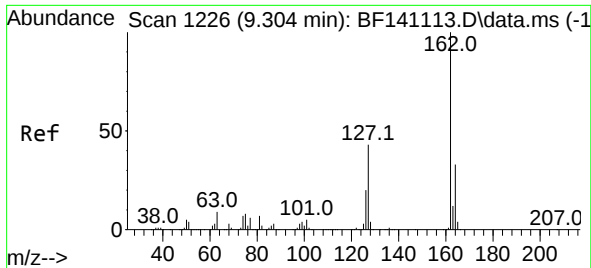


#46
1,1'-Biphenyl
Concen: 52.901 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:154 Resp: 1267732
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 13.0 0.0 33.1





#47
2-Chloronaphthalene
Concen: 51.043 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

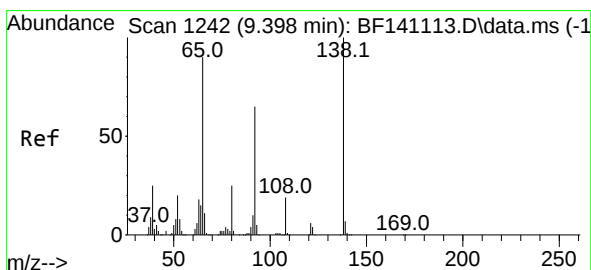
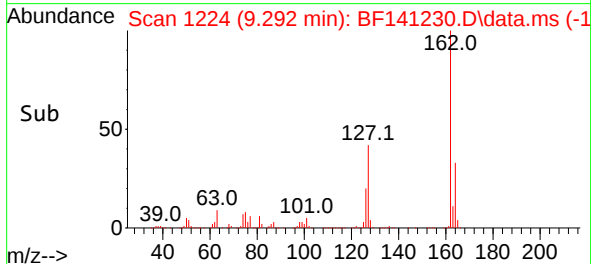
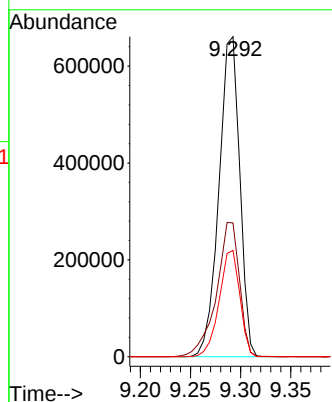
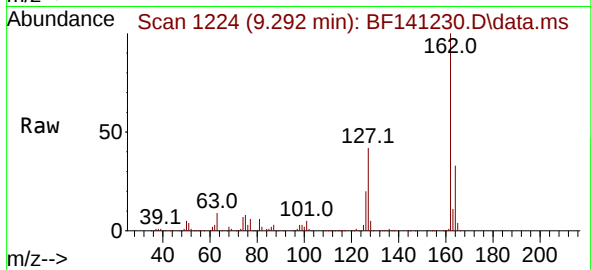
ClientSampleId :

PB166129BS

Tgt Ion:162 Resp: 952720
Ion Ratio Lower Upper
162 100
127 41.8 34.6 51.8
164 33.2 26.5 39.7

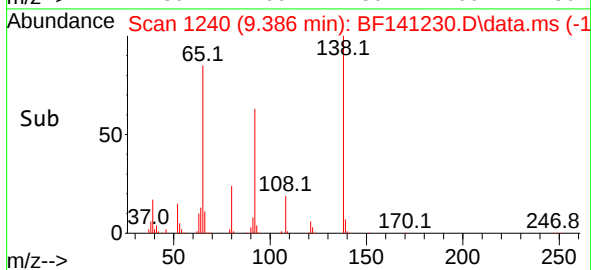
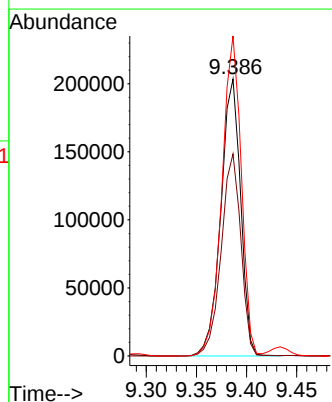
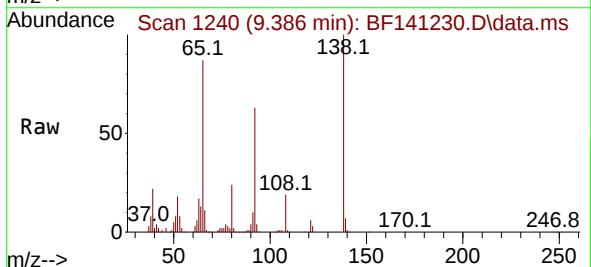
Manual Integrations
APPROVED

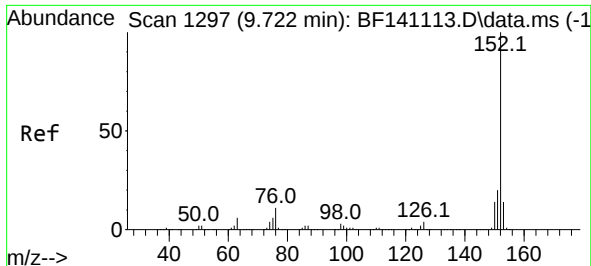
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#48
2-Nitroaniline
Concen: 50.341 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

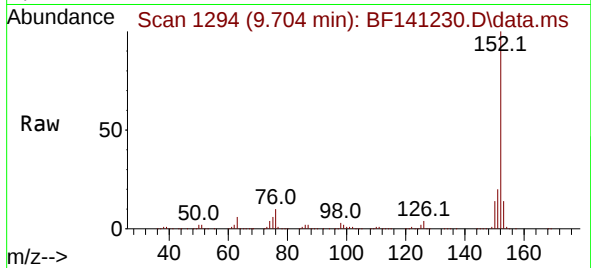
Tgt Ion: 65 Resp: 278536
Ion Ratio Lower Upper
65 100
92 73.0 58.3 87.5
138 115.6 89.1 133.7





#49
Acenaphthylene
Concen: 55.187 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

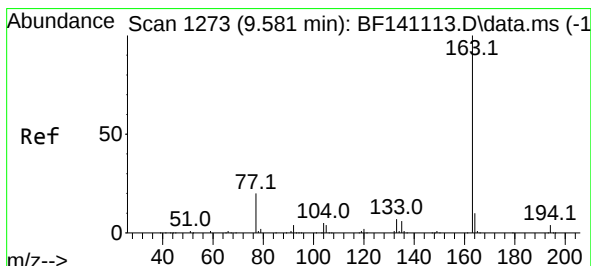
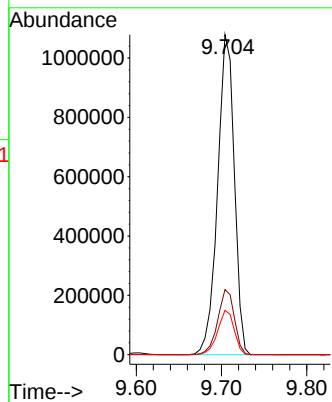
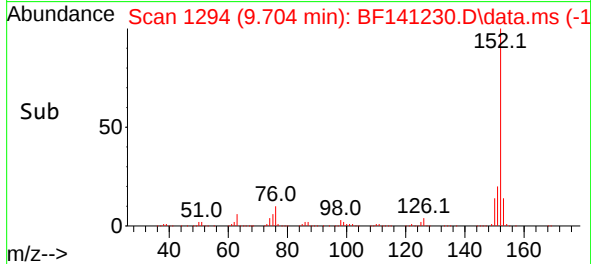
Instrument :
BNA_F
ClientSampleId :
PB166129BS



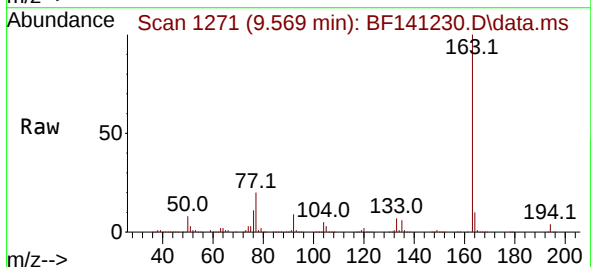
Tgt Ion:152 Resp: 147165
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.9 11.1 16.7

Manual Integrations
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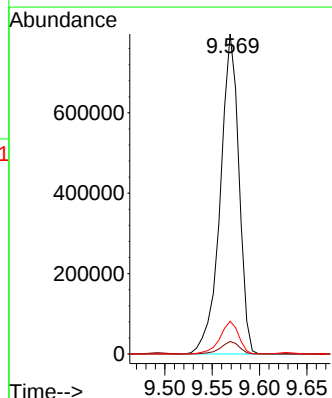
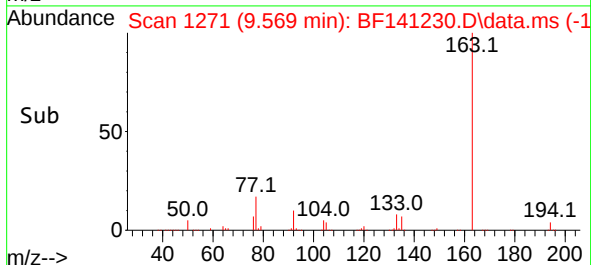
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

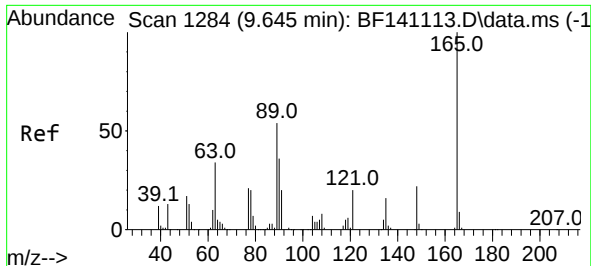


#50
Dimethylphthalate
Concen: 52.743 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:163 Resp: 1092623
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.205 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

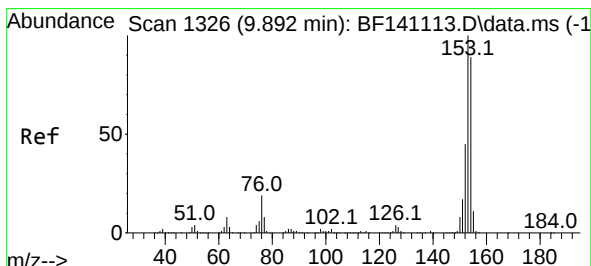
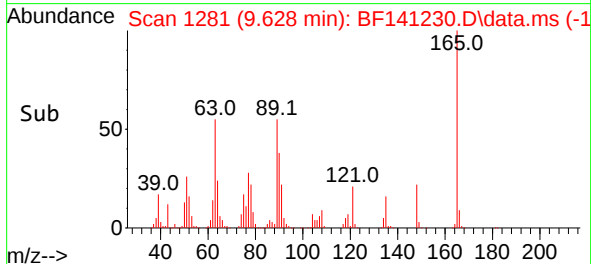
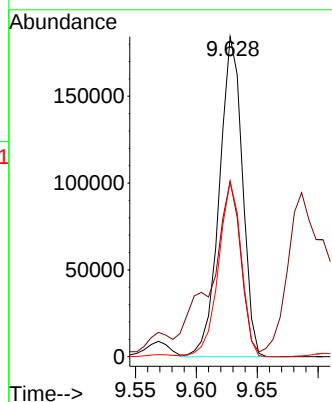
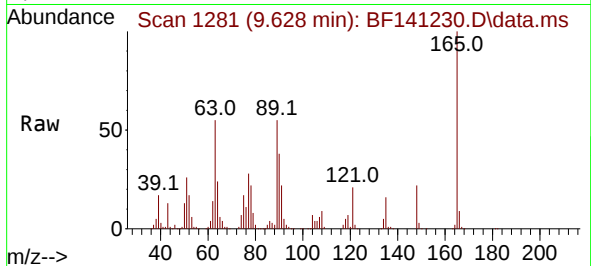
ClientSampleId :

PB166129BS

Tgt Ion:165 Resp: 24186
Ion Ratio Lower Upper
165 100
63 54.7 42.3 63.5
89 54.7 43.1 64.7

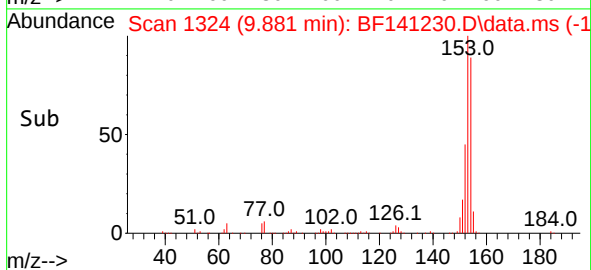
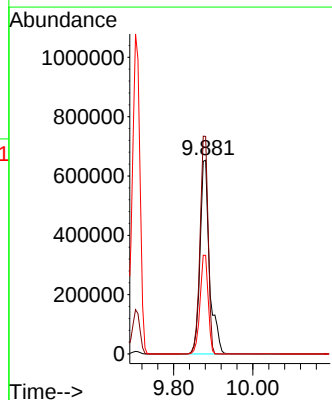
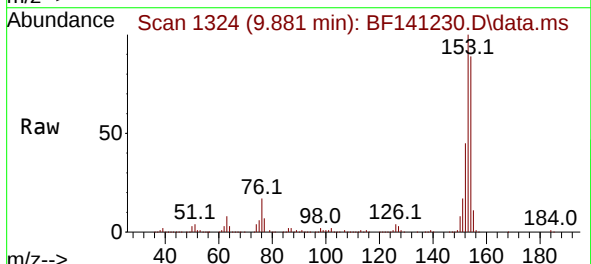
Manual Integrations
APPROVED

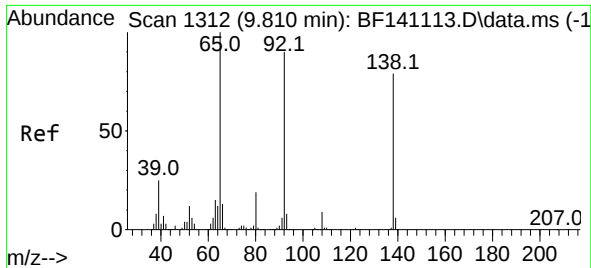
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#52
Acenaphthene
Concen: 58.299 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:154 Resp: 1086152
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 50.9 40.8 61.2





#53
3-Nitroaniline
Concen: 28.263 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

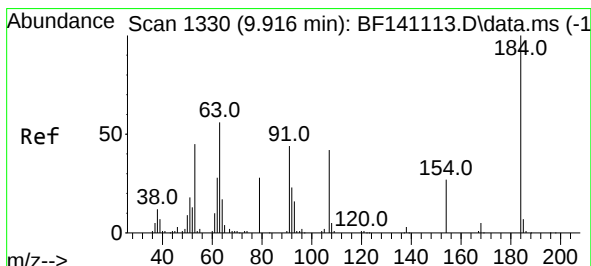
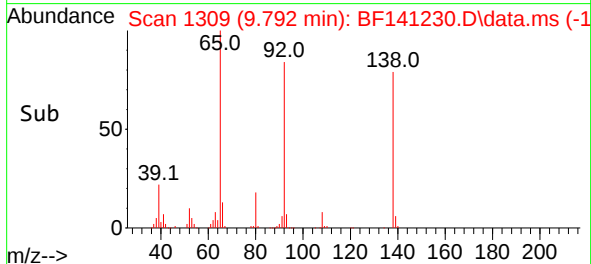
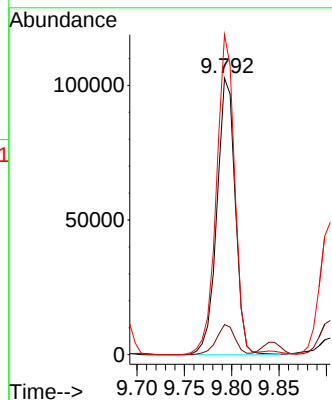
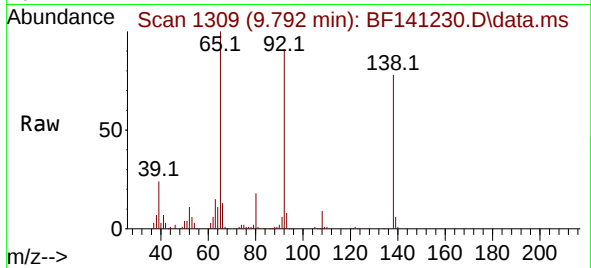
ClientSampleId :

PB166129BS

Tgt Ion:138 Resp: 13836
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 115.8 91.3 136.9

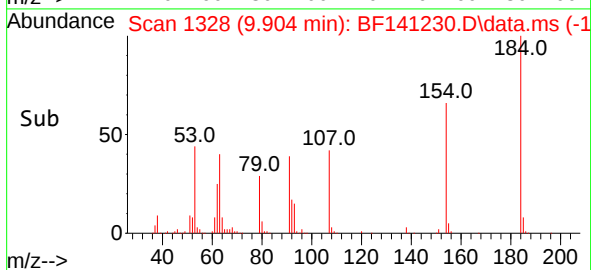
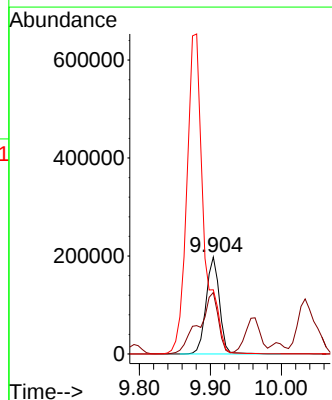
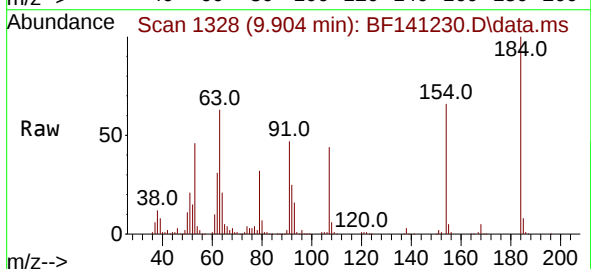
Manual Integrations
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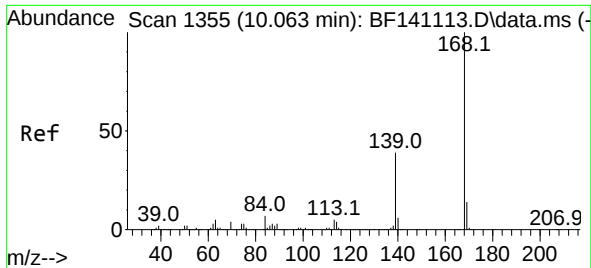
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#54
2,4-Dinitrophenol
Concen: 113.570 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

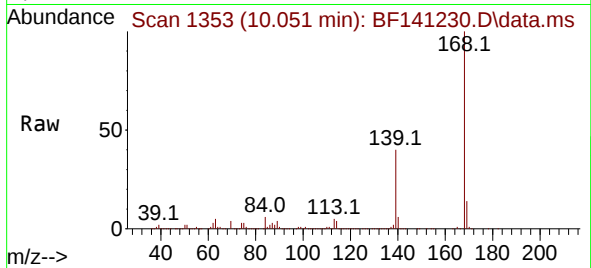
Tgt Ion:184 Resp: 260054
Ion Ratio Lower Upper
184 100
63 63.3 48.7 73.1
154 66.2 57.1 85.7





#55
Dibenzenofuran
Concen: 51.883 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

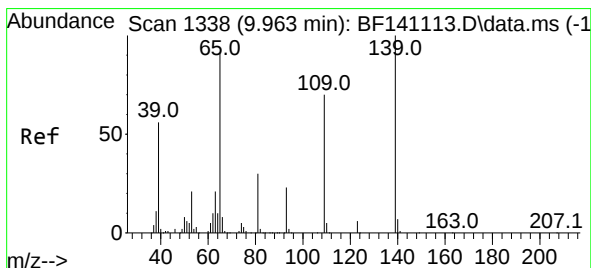
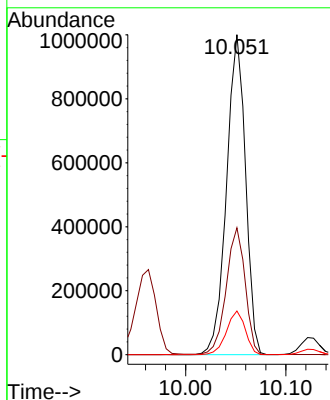
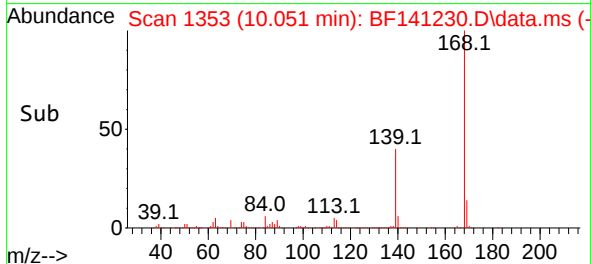
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:168 Resp: 1314794
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.0
169 13.7 10.9 16.3

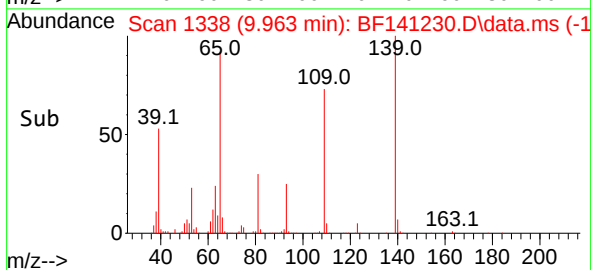
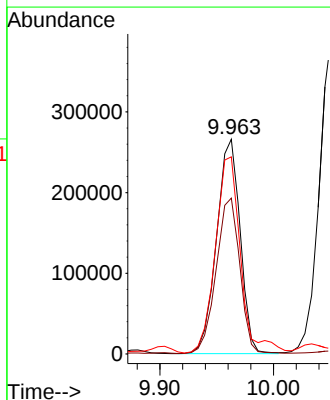
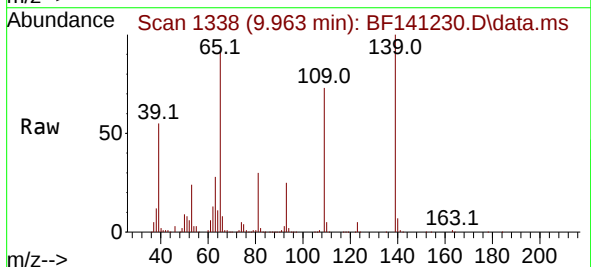
Manual Integrations
APPROVED

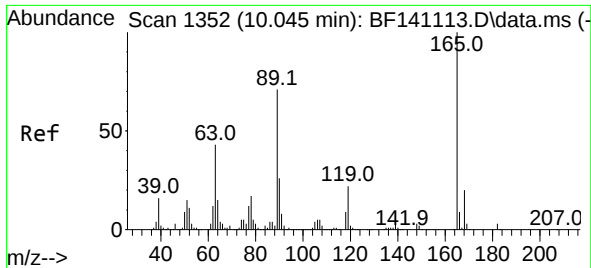
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#56
4-Nitrophenol
Concen: 100.118 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:139 Resp: 383853
Ion Ratio Lower Upper
139 100
109 72.6 50.2 90.2
65 91.8 72.1 112.1





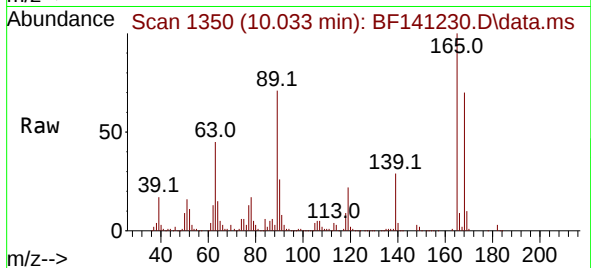
#57
2,4-Dinitrotoluene
Concen: 51.566 ng
RT: 10.033 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

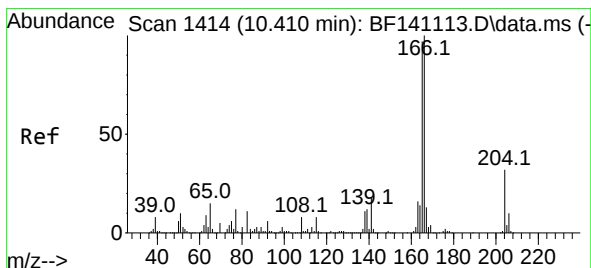
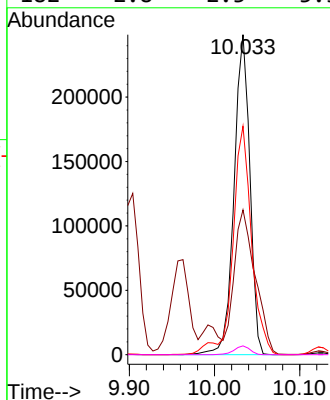
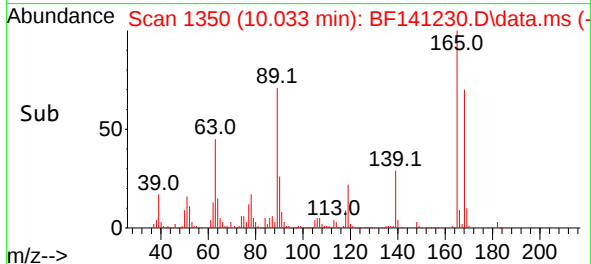


Tgt Ion:165 Resp: 32014
Ion Ratio Lower Upper
165 100
63 45.3 35.0 52.4
89 71.4 56.7 85.1
182 2.8 2.3 3.5

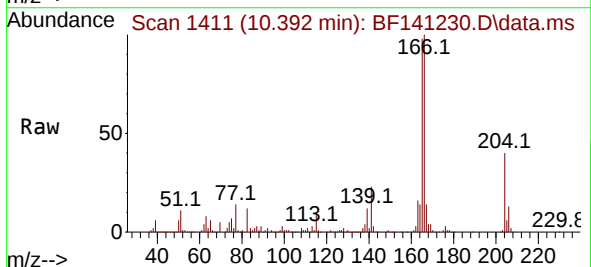
Manual Integrations

APPROVED

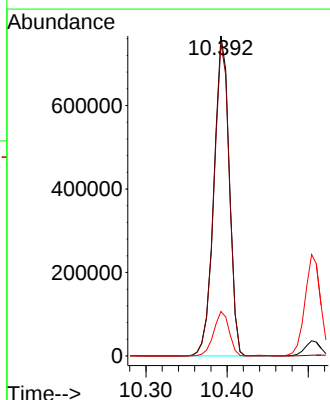
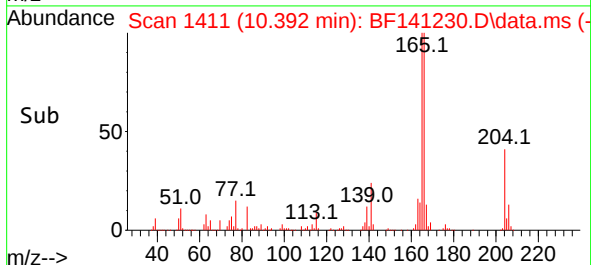
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

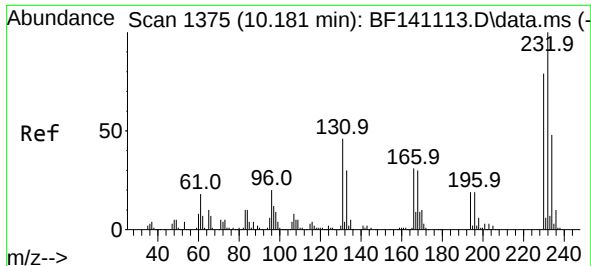


#58
Fluorene
Concen: 51.371 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



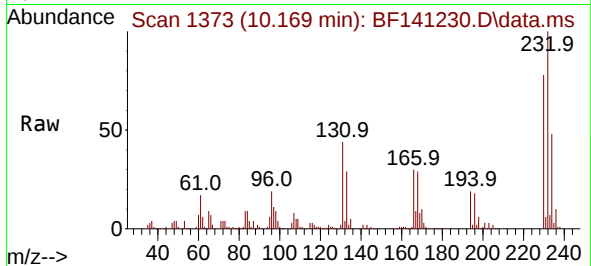
Tgt Ion:166 Resp: 1011378
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.557 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

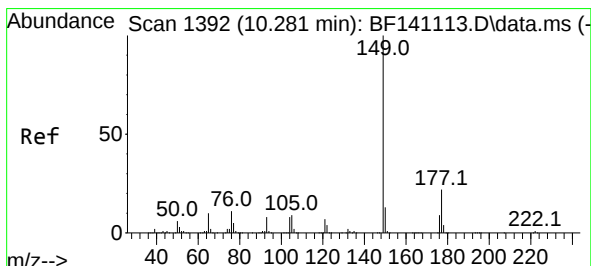
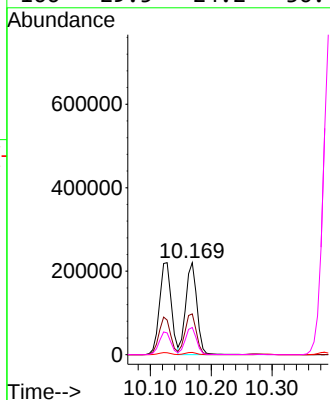
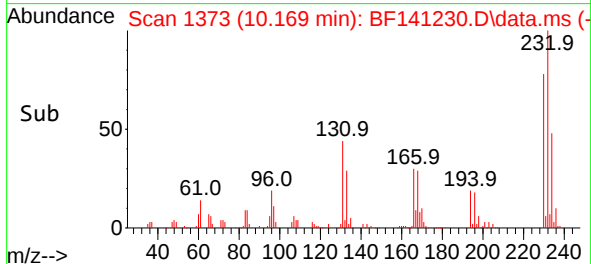
Instrument :
BNA_F
ClientSampleId :
PB166129BS



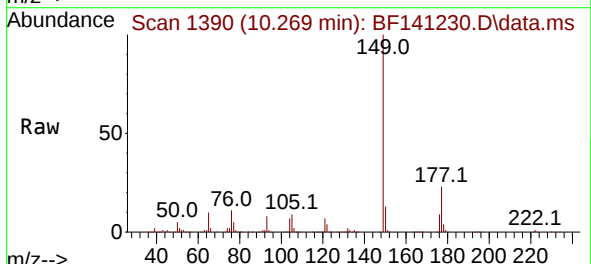
Tgt Ion:232 Resp: 28084
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.4
130 2.5 2.0 3.0
166 29.5 24.2 36.4

Manual Integrations
APPROVED

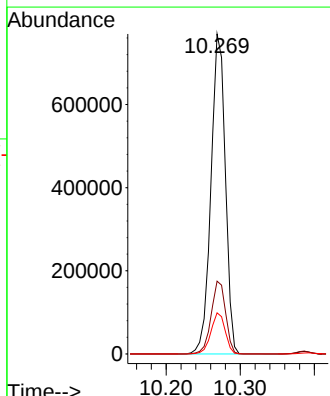
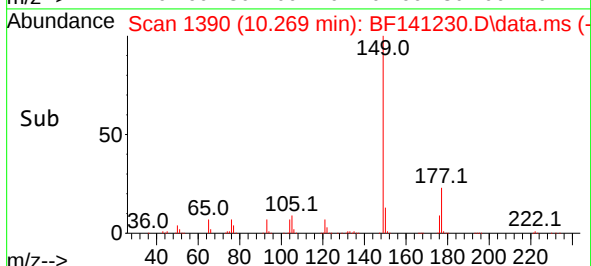
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

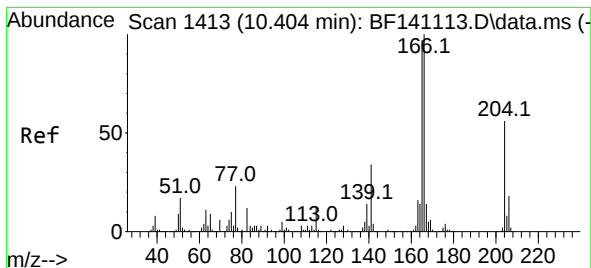


#60
Diethylphthalate
Concen: 51.219 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:149 Resp: 1035862
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.018 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

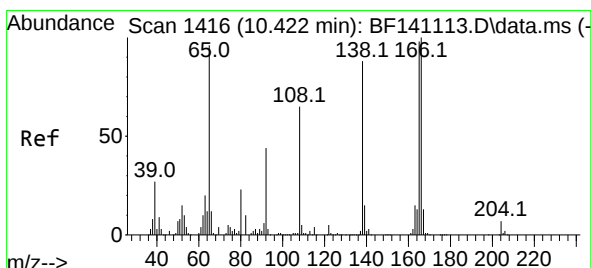
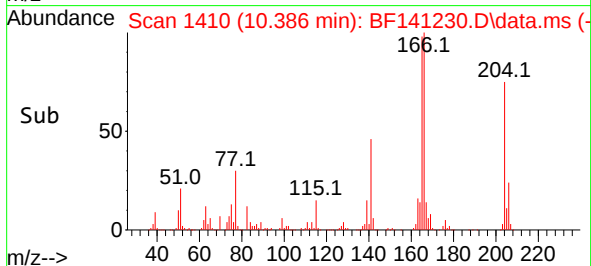
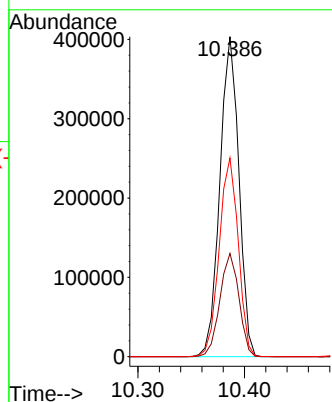
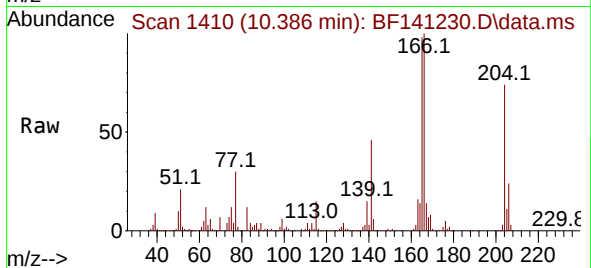
PB166129BS

Tgt Ion:204 Resp: 499144
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 62.1 49.1 73.7

Manual Integrations

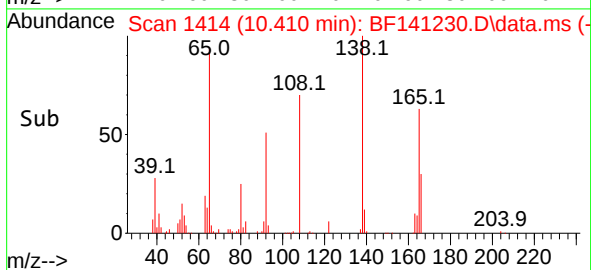
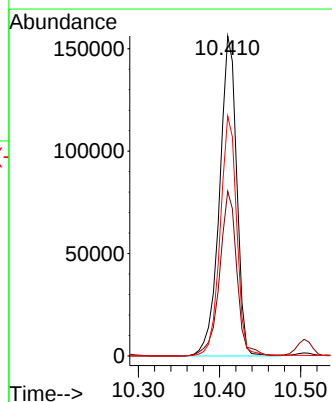
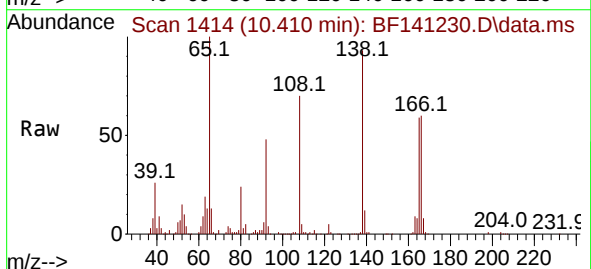
APPROVED

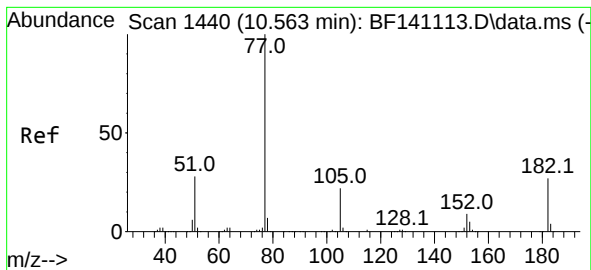
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#62
4-Nitroaniline
Concen: 48.002 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:138 Resp: 230000
Ion Ratio Lower Upper
138 100
92 51.5 29.4 69.4
108 75.0 53.7 93.7





#63
Azobenzene
Concen: 50.639 ng
RT: 10.545 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

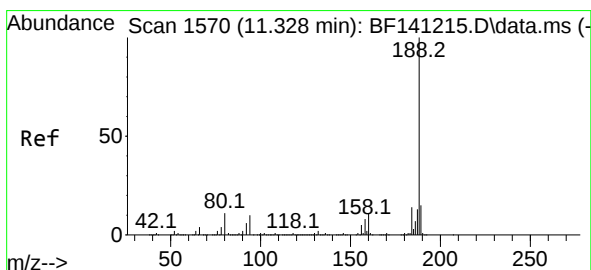
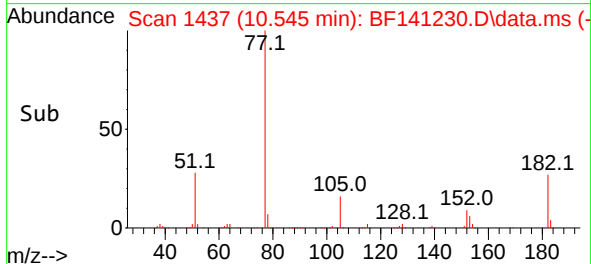
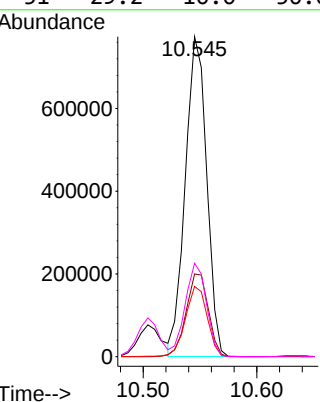
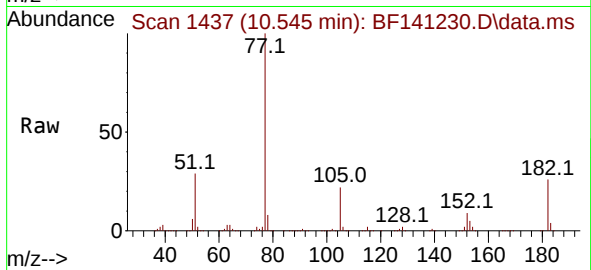
PB166129BS

Tgt Ion: 77 Resp: 101053
Ion Ratio Lower Upper
77 100
182 25.9 6.1 46.1
105 21.9 2.1 42.1
51 29.2 10.0 50.0

Manual Integrations

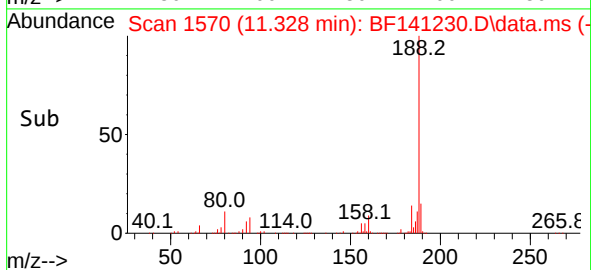
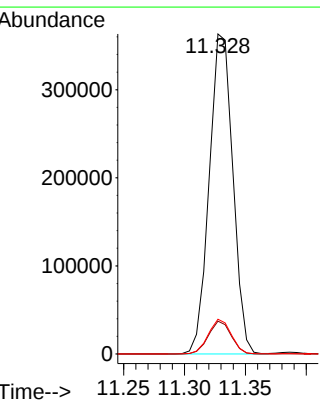
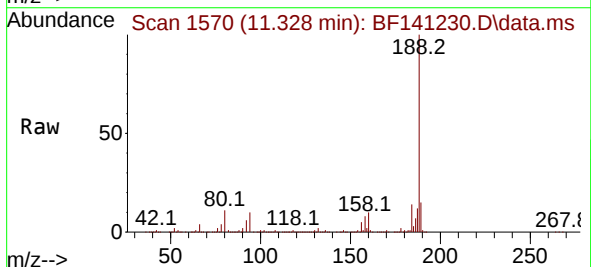
APPROVED

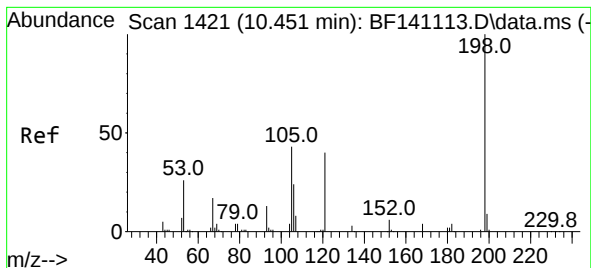
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

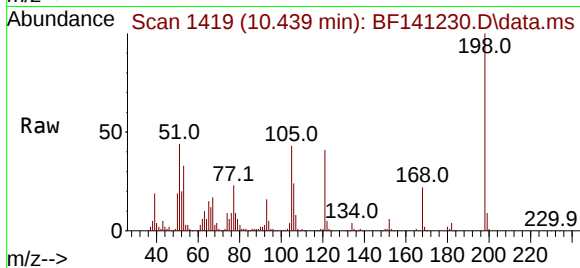
Tgt Ion:188 Resp: 490755
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.8 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 62.903 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

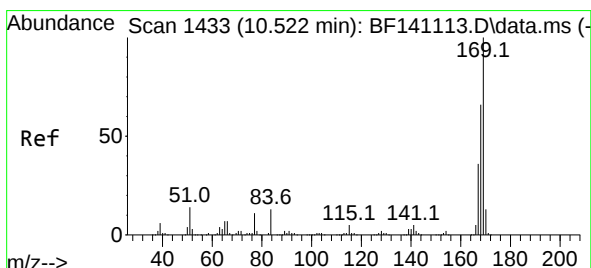
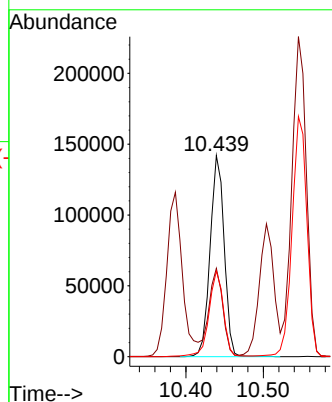
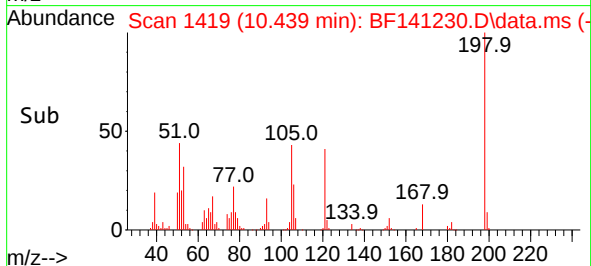
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:198 Resp: 178884
Ion Ratio Lower Upper
198 100
51 43.9 27.1 67.1
105 42.6 24.2 64.2

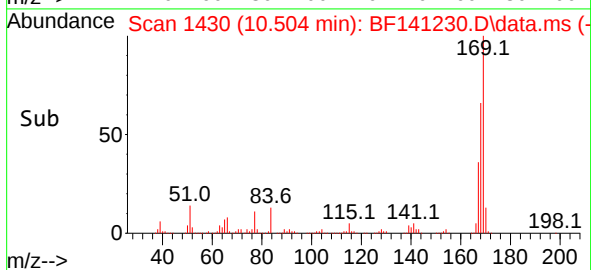
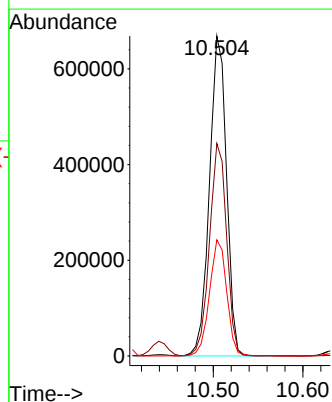
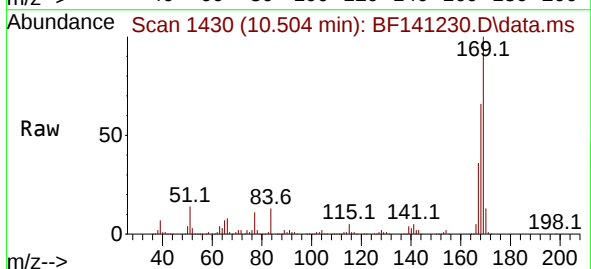
Manual Integrations
APPROVED

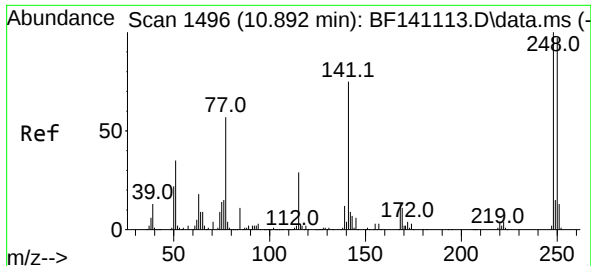
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#66
n-Nitrosodiphenylamine
Concen: 55.588 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

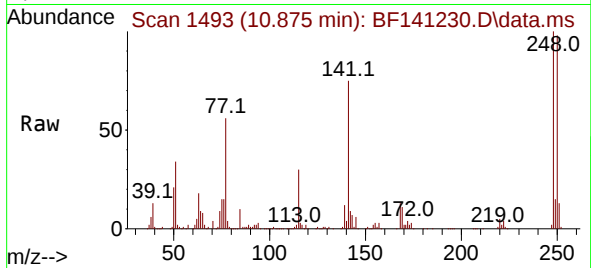
Tgt Ion:169 Resp: 879899
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 56.654 ng
RT: 10.875 min Scan# 1496
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

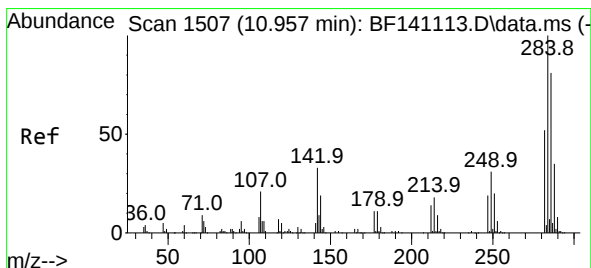
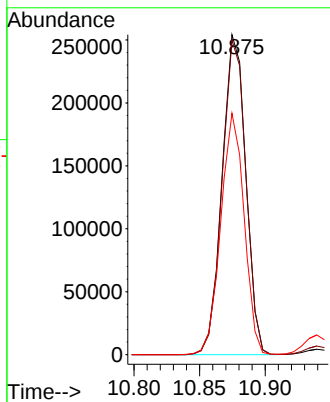
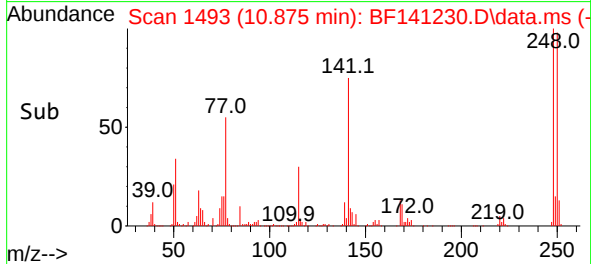
Instrument :
BNA_F
ClientSampleId :
PB166129BS



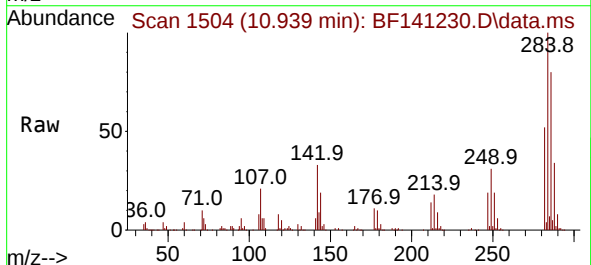
Tgt Ion:248 Resp: 32010
Ion Ratio Lower Upper
248 100
250 98.4 77.9 116.9
141 75.4 59.9 89.9

Manual Integrations
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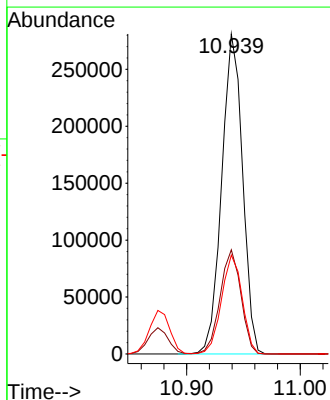
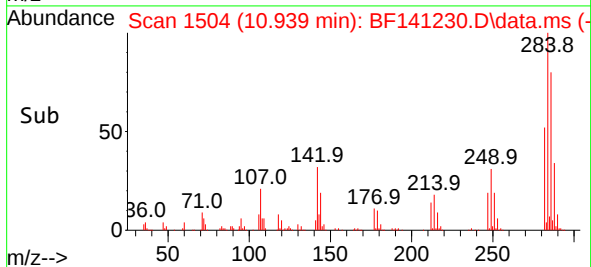
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

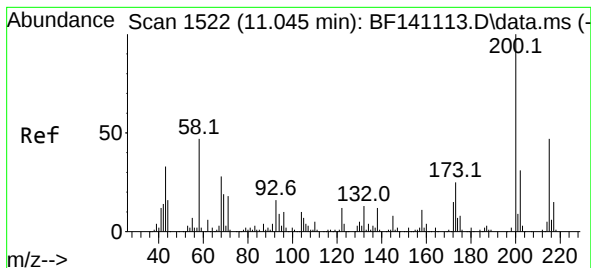


#68
Hexachlorobenzene
Concen: 56.983 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:284 Resp: 358396
Ion Ratio Lower Upper
284 100
142 32.6 26.3 39.5
249 30.9 24.9 37.3





#69

Atrazine

Concen: 69.423 ng

RT: 11.033 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

Tgt Ion:200 Resp: 295889

Ion Ratio Lower Upper

200 100

173 26.5 5.4 45.4

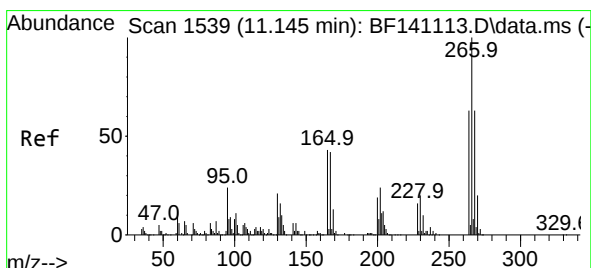
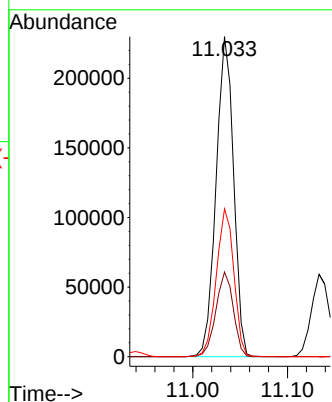
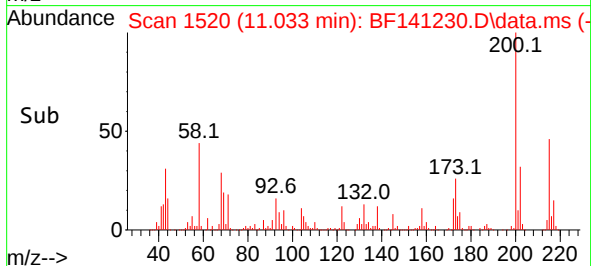
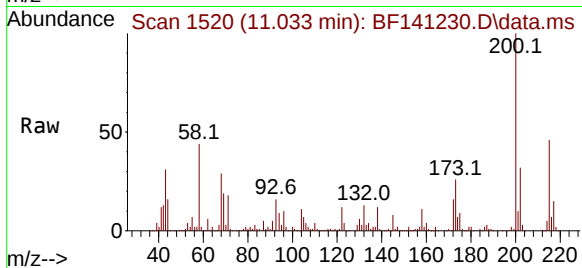
215 46.2 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#70

Pentachlorophenol

Concen: 105.356 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

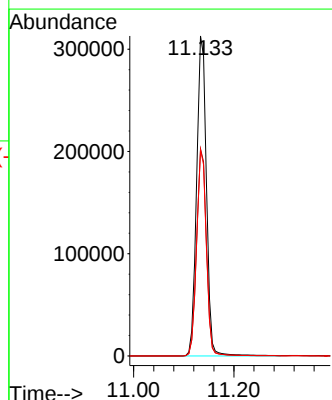
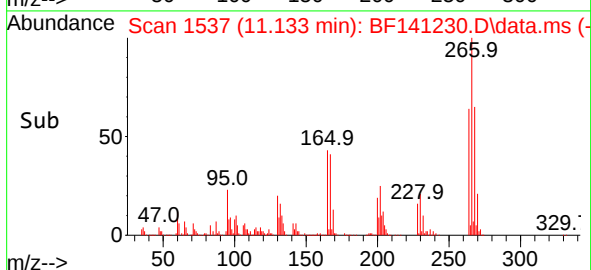
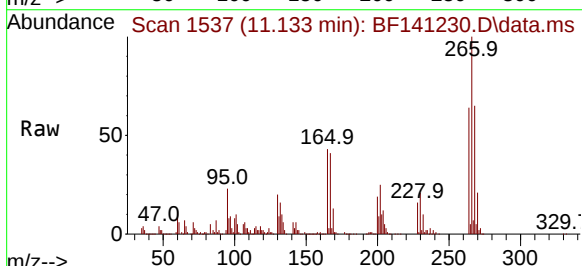
Tgt Ion:266 Resp: 424359

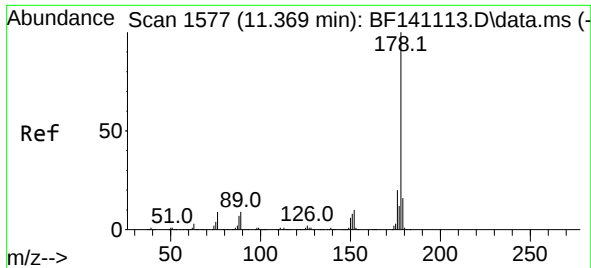
Ion Ratio Lower Upper

266 100

268 64.7 50.4 75.6

264 64.5 50.2 75.2





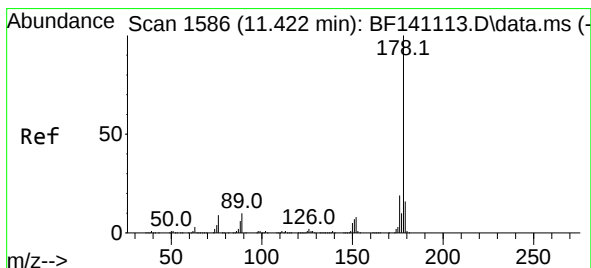
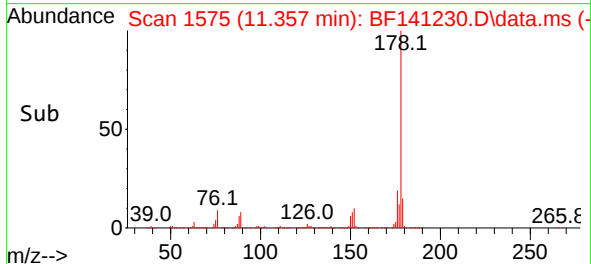
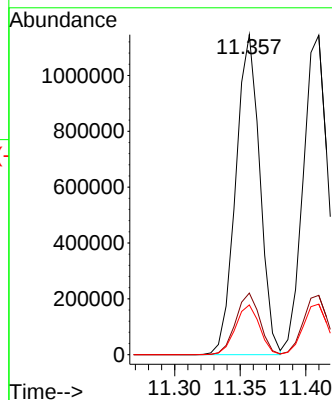
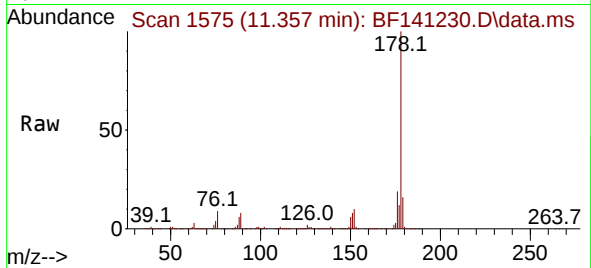
#71
Phenanthrene
Concen: 55.525 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Instrument :
BNA_F
ClientSampleId :
PB166129BS

Tgt Ion:178 Resp: 1462930
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.5 12.6 19.0

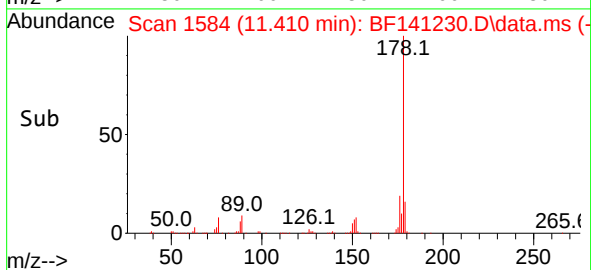
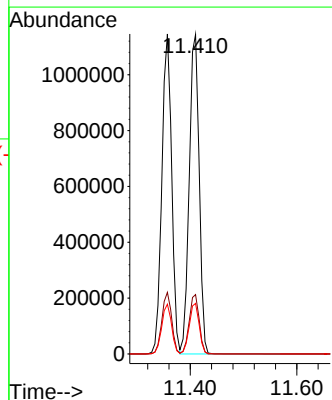
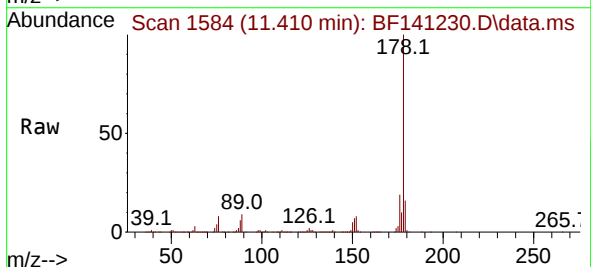
Manual Integrations
APPROVED

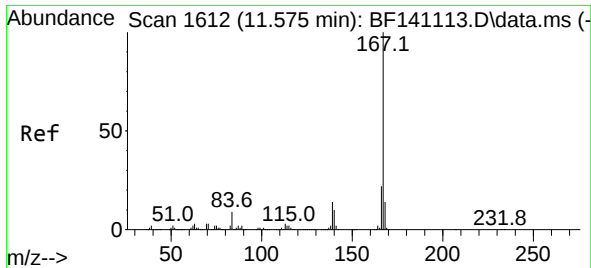
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#72
Anthracene
Concen: 57.878 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

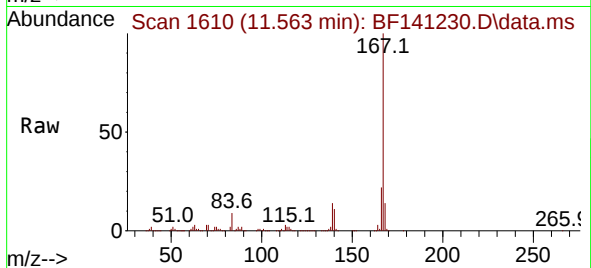
Tgt Ion:178 Resp: 1482760
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 53.120 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141230.D
 Acq: 21 Jan 2025 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB166129BS

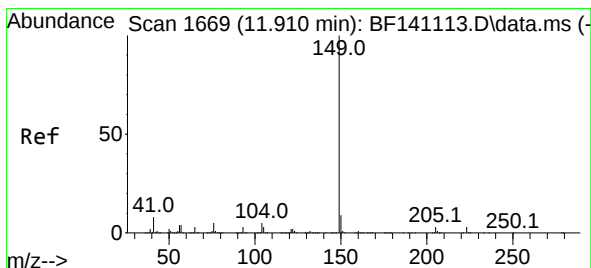
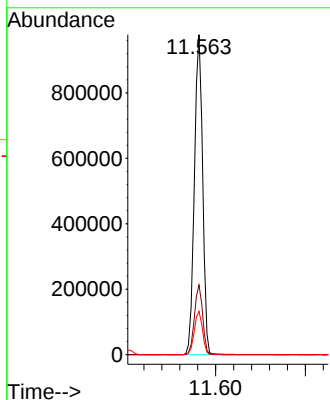
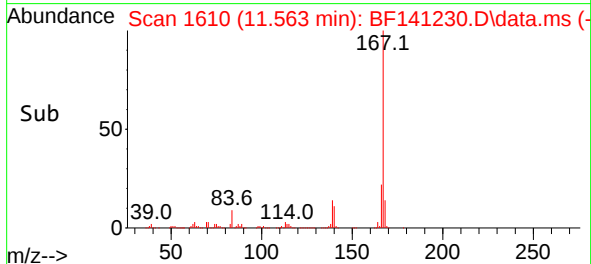


Tgt Ion:167 Resp: 1247800

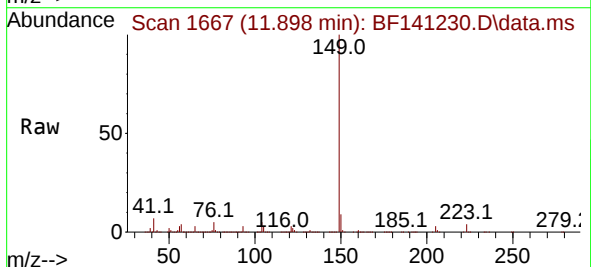
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.5	10.9	16.3

Manual Integrations
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Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/22/2025

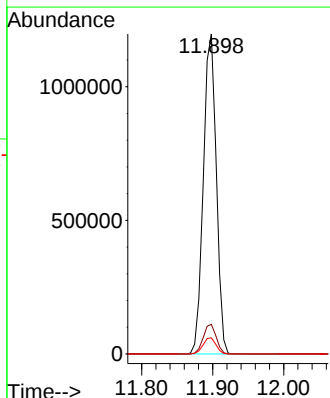
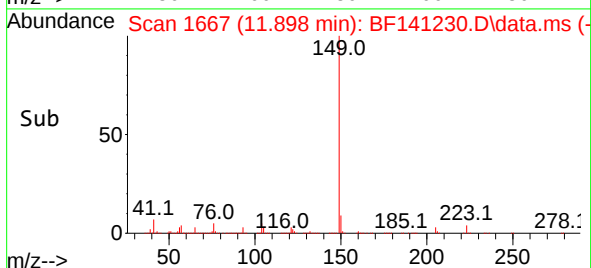


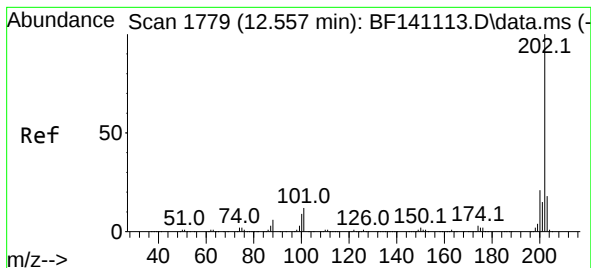
#74
 Di-n-butylphthalate
 Concen: 56.575 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141230.D
 Acq: 21 Jan 2025 12:37



Tgt Ion:149 Resp: 1520898

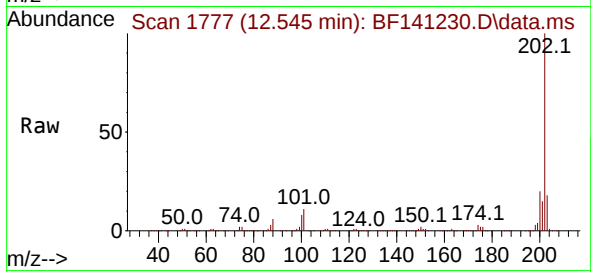
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	4.2	6.2





#75
Fluoranthene
Concen: 54.432 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

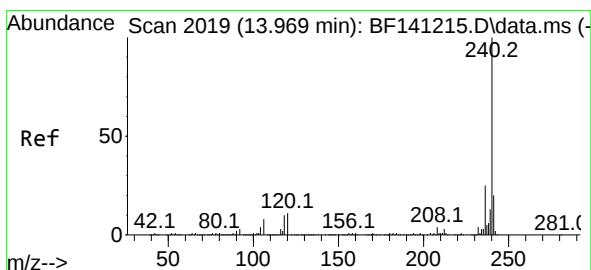
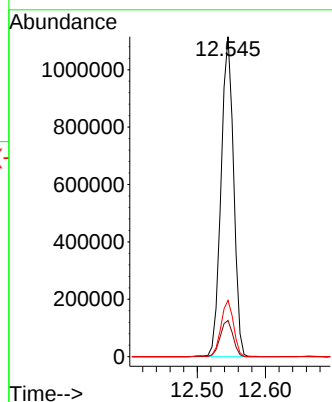
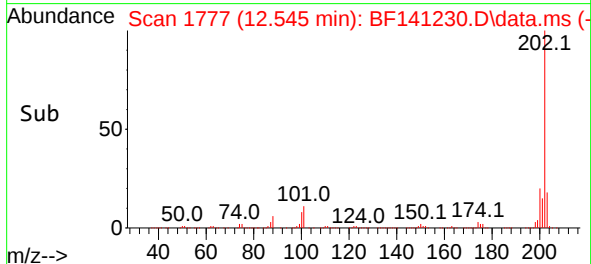
Instrument :
BNA_F
ClientSampleId :
PB166129BS



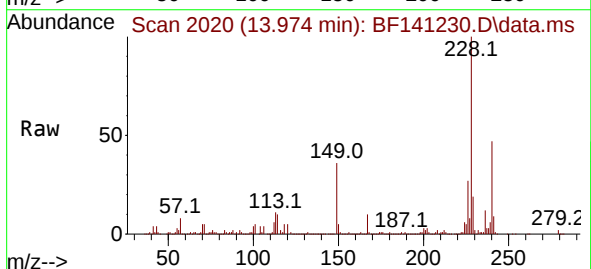
Tgt Ion:202 Resp: 1431118
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.6 0.0 37.7

Manual Integrations
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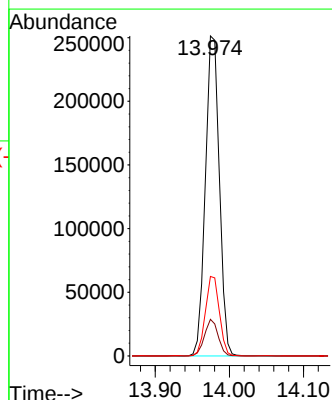
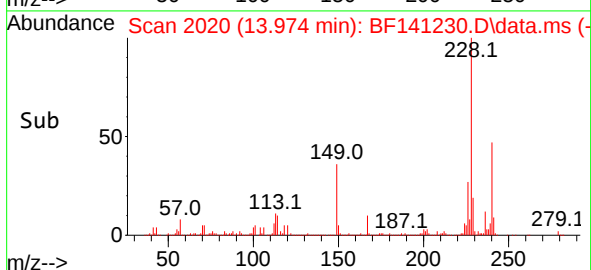
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

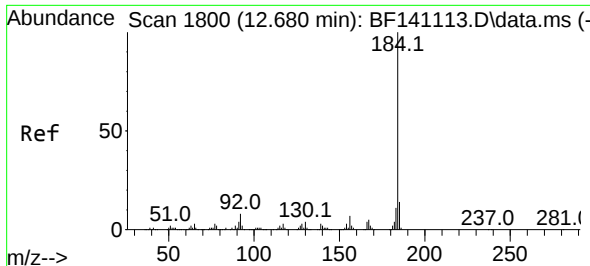


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



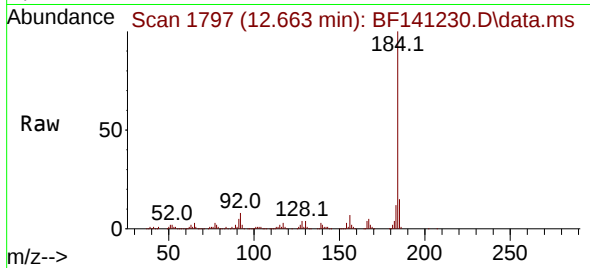
Tgt Ion:240 Resp: 330539
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 24.9 19.8 29.6





#77
Benzidine
Concen: 60.836 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.018 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

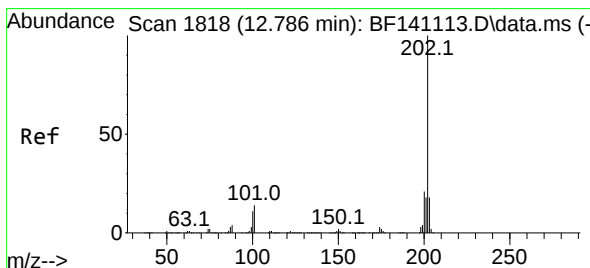
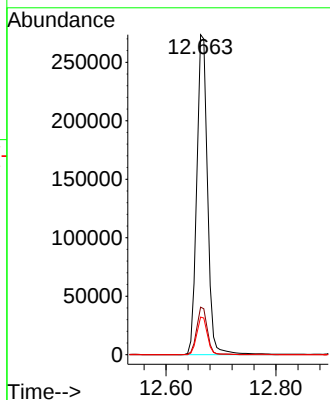
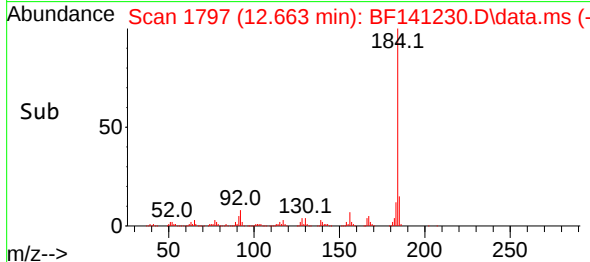
Instrument :
BNA_F
ClientSampleId :
PB166129BS



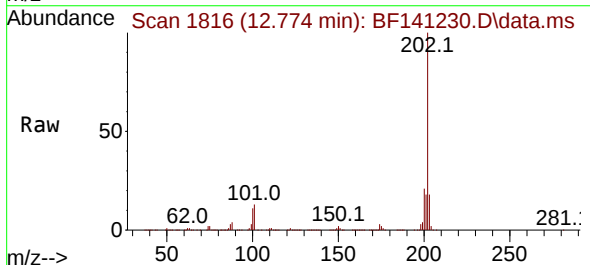
Tgt Ion:184 Resp: 372902
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 11.7 9.2 13.8

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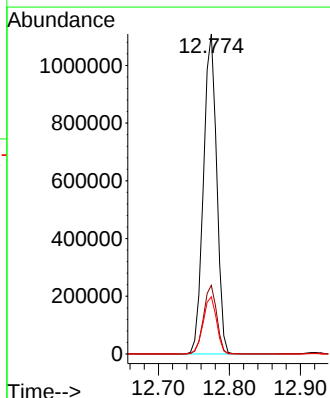
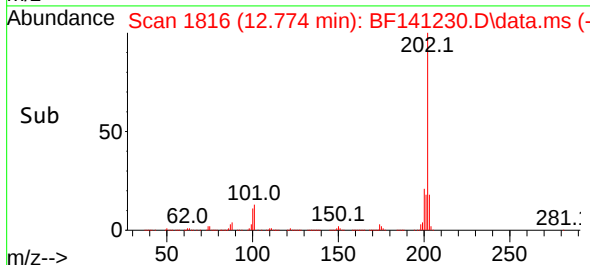
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

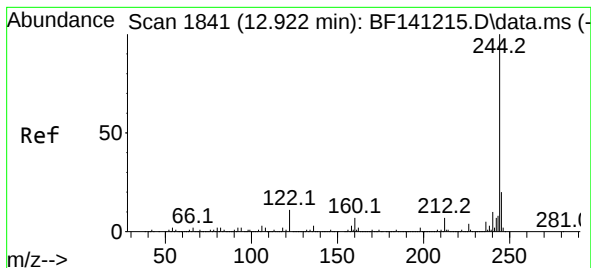


#78
Pyrene
Concen: 45.568 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37



Tgt Ion:202 Resp: 1438604
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 100.207 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141230.D

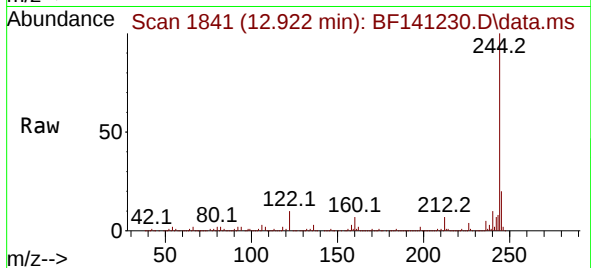
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS



Tgt Ion:244 Resp: 222850

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

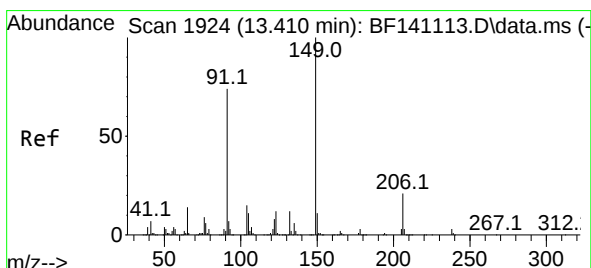
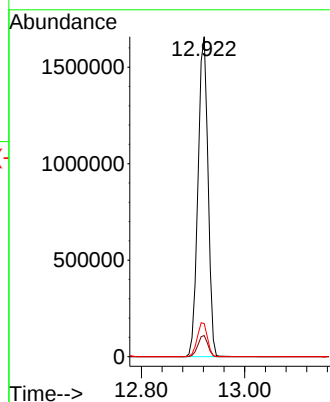
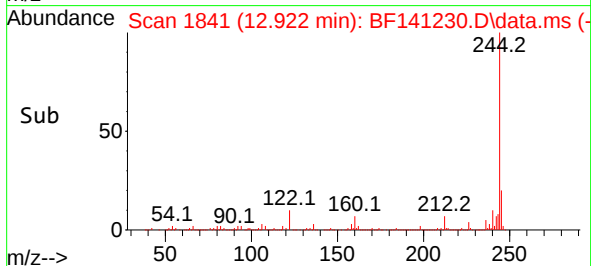
122 10.3 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#80

Butylbenzylphthalate

Concen: 55.001 ng

RT: 13.398 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

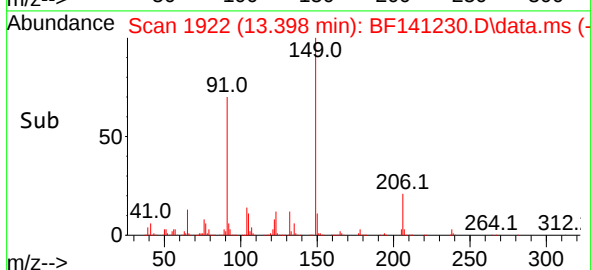
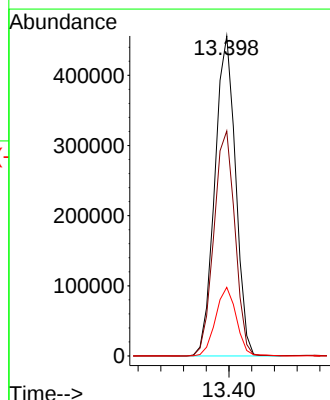
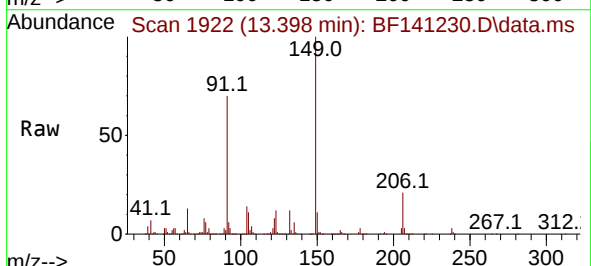
Tgt Ion:149 Resp: 578929

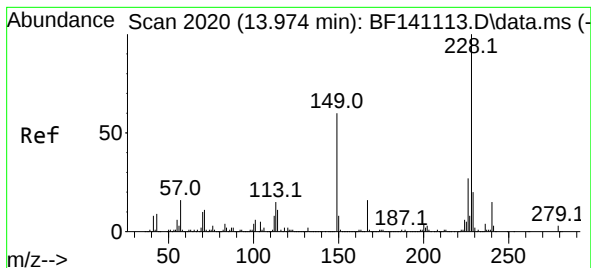
Ion Ratio Lower Upper

149 100

91 70.3 59.0 88.6

206 21.4 16.5 24.7





#81

Benzo(a)anthracene

Concen: 52.526 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141230.D

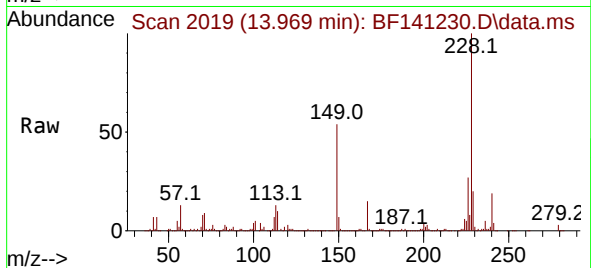
Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS



Tgt Ion:228 Resp: 118157

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

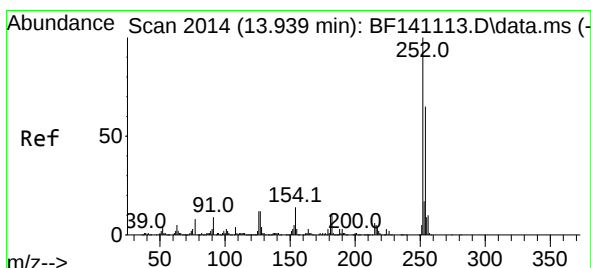
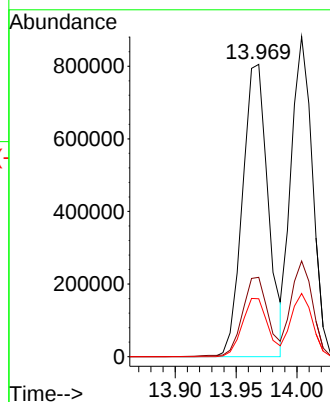
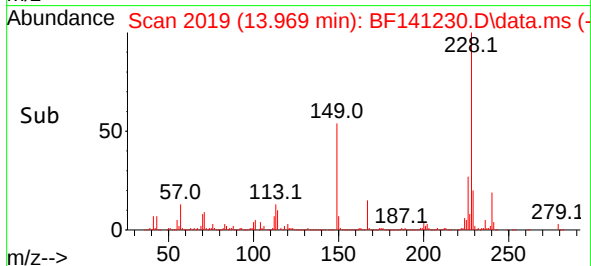
229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#82

3,3'-Dichlorobenzidine

Concen: 34.259 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

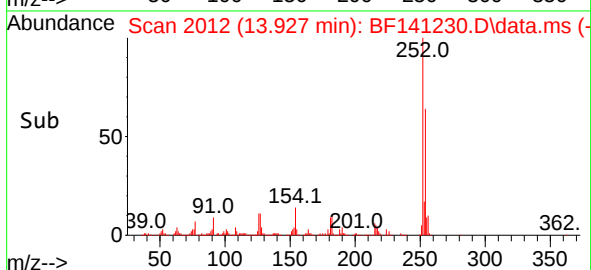
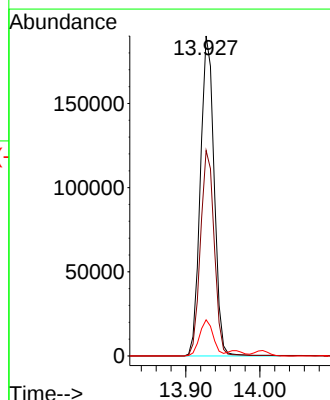
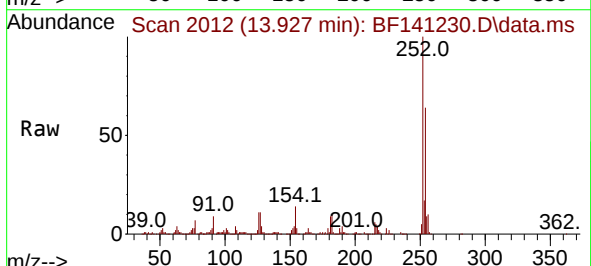
Tgt Ion:252 Resp: 245393

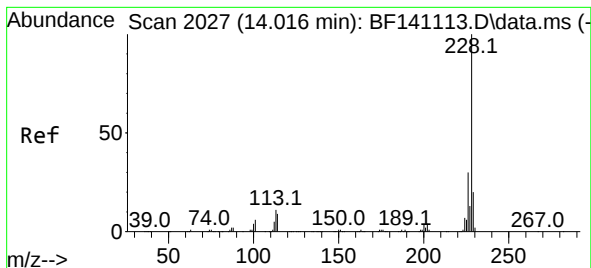
Ion Ratio Lower Upper

252 100

254 64.2 52.0 78.0

126 11.3 9.4 14.0





#83

Chrysene

Concen: 51.248 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB166129BS

Tgt Ion:228 Resp: 107869

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

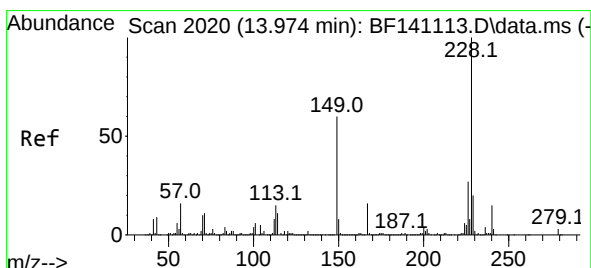
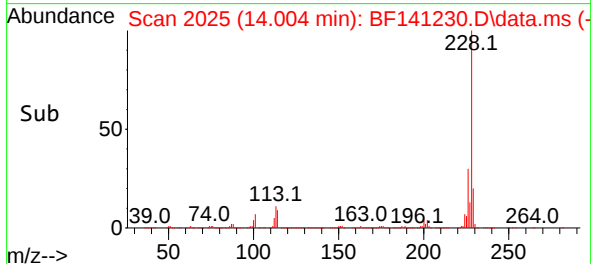
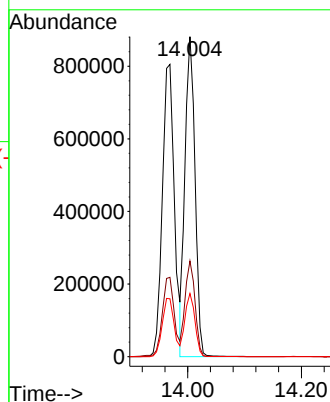
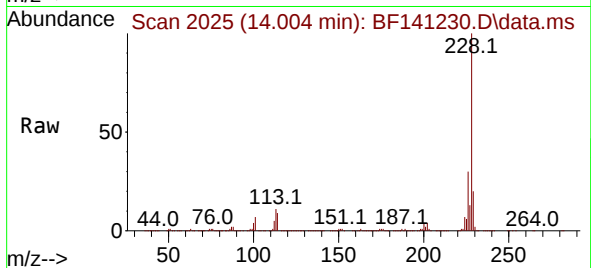
229 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/22/2025

Supervised By :mohammad ahmed 01/22/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.133 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141230.D

Acq: 21 Jan 2025 12:37

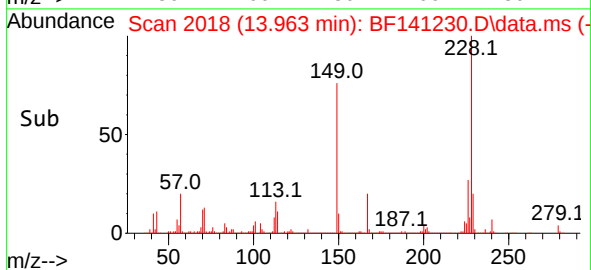
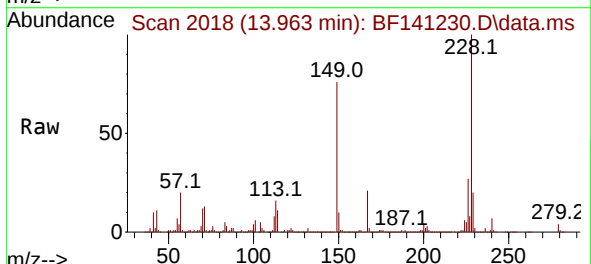
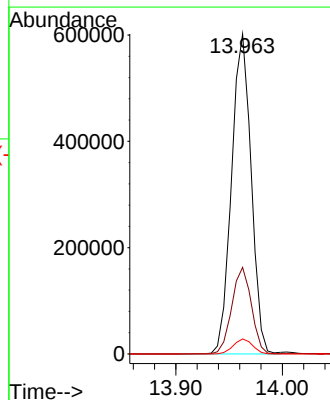
Tgt Ion:149 Resp: 772088

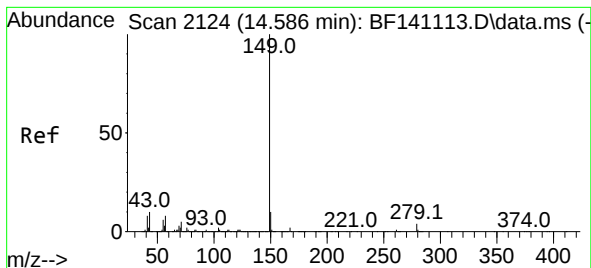
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

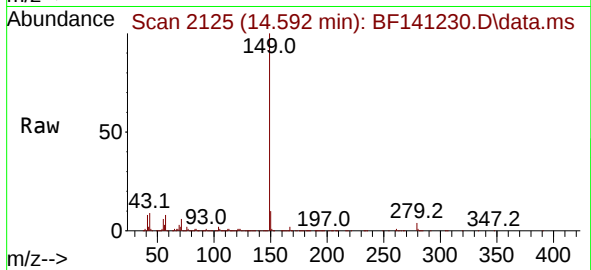
279 4.7 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 72.034 ng
RT: 14.592 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

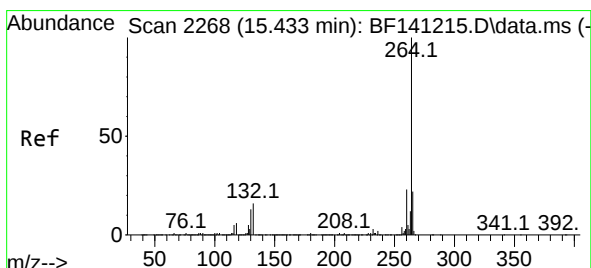
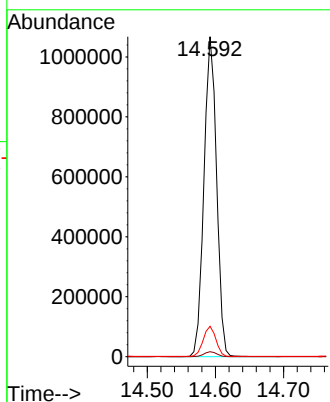
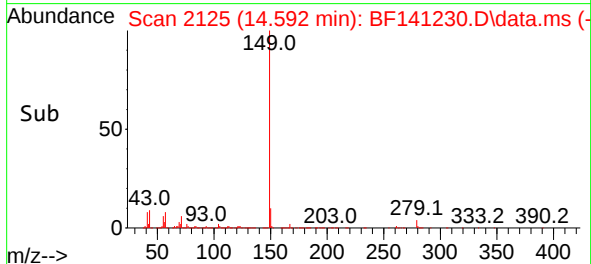
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:149 Resp: 1373809
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 8.4 12.6

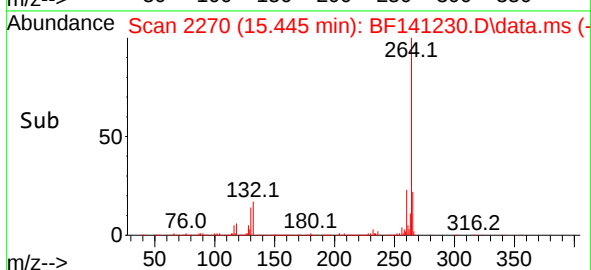
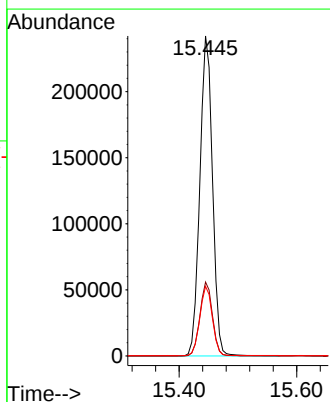
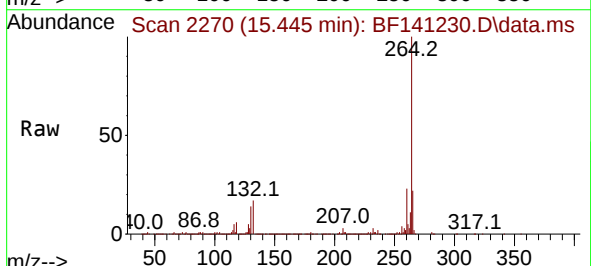
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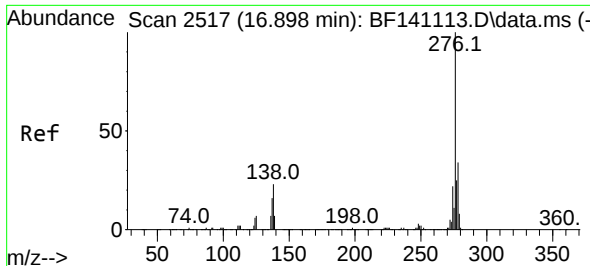
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:264 Resp: 362022
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.7 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.230 ng
 RT: 16.904 min Scan# 2118
 Delta R.T. 0.006 min
 Lab File: BF141230.D
 Acq: 21 Jan 2025 12:37

Instrument :

BNA_F

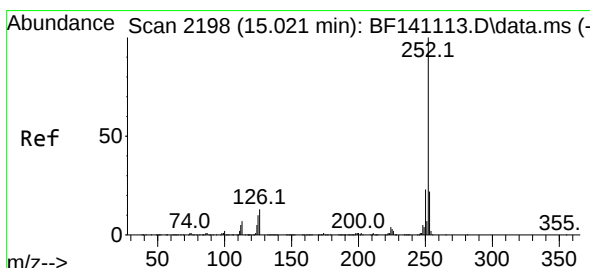
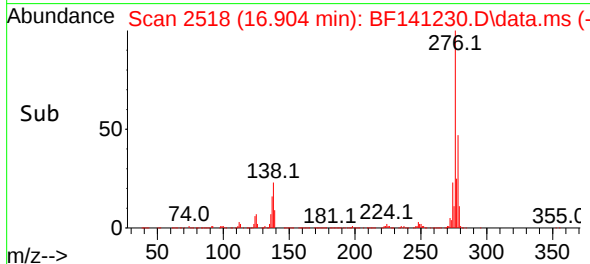
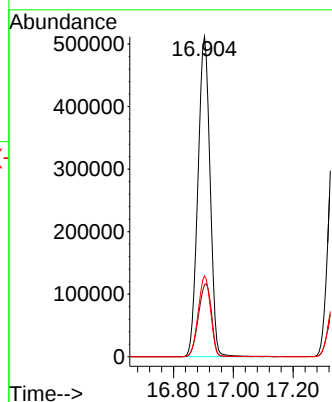
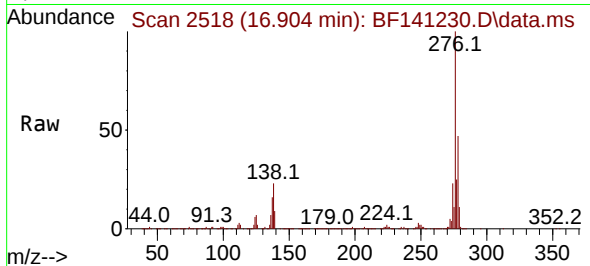
ClientSampleId :

PB166129BS

Tgt Ion:276 Resp: 143832
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.7 31.1
 277 25.7 20.6 30.8

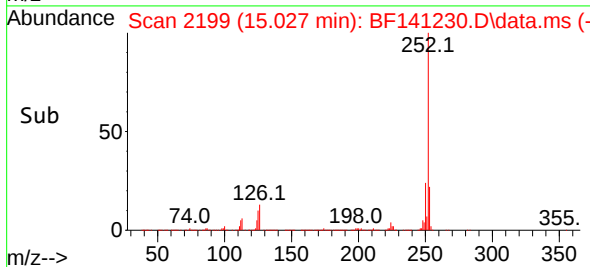
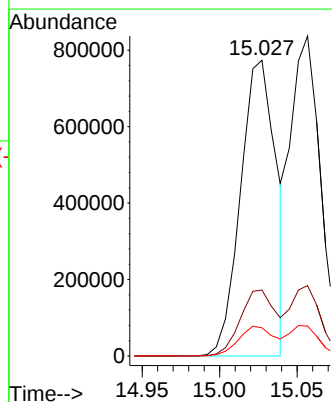
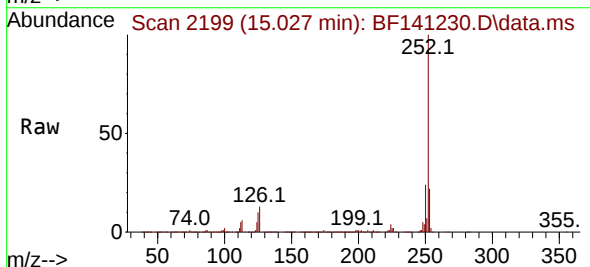
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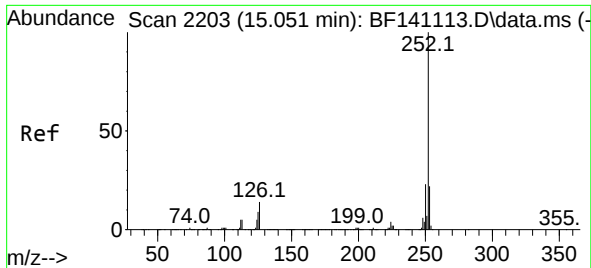
Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/22/2025



#88
 Benzo(b)fluoranthene
 Concen: 52.673 ng
 RT: 15.027 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF141230.D
 Acq: 21 Jan 2025 12:37

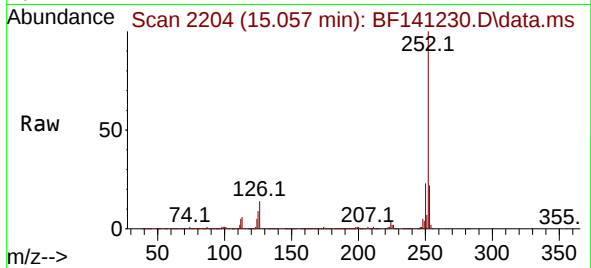
Tgt Ion:252 Resp: 1229615
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 9.5 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 56.733 ng
RT: 15.057 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

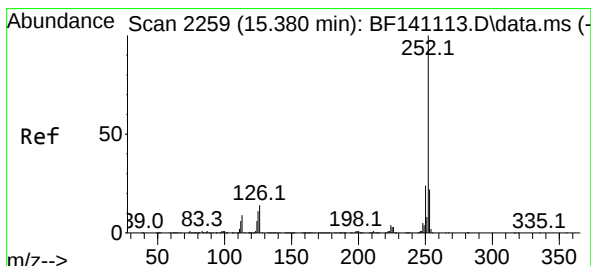
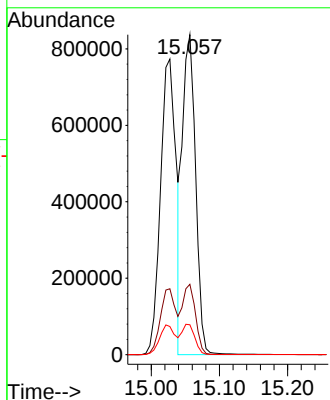
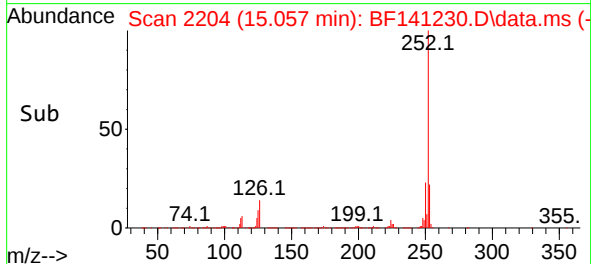
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:252 Resp: 111922
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.4 7.9 11.9

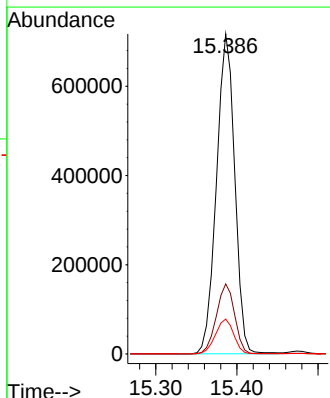
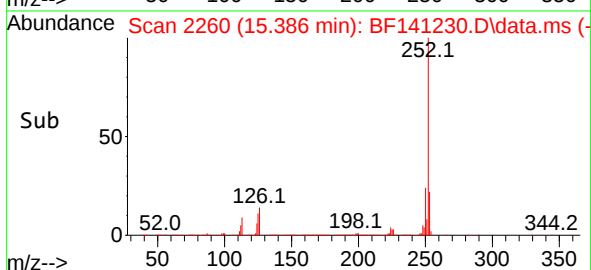
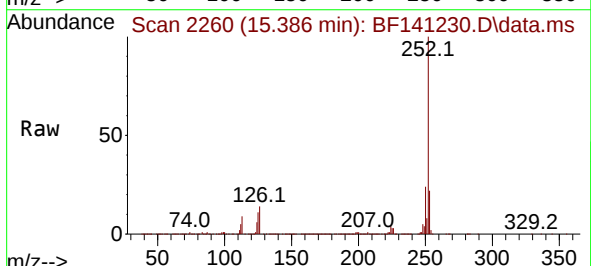
Manual Integrations
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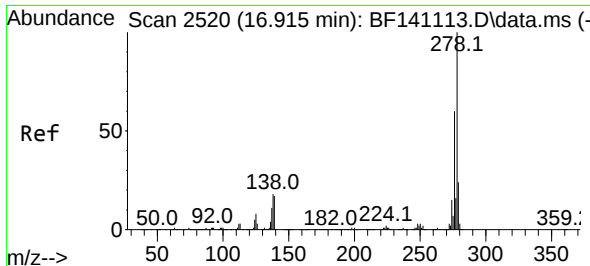
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#90
Benzo(a)pyrene
Concen: 58.284 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

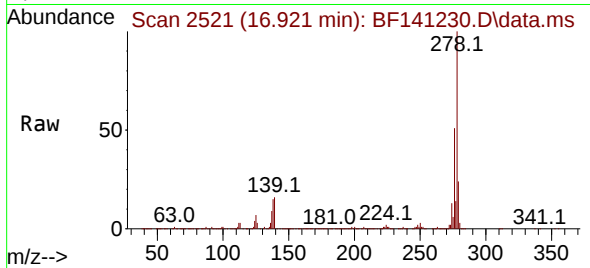
Tgt Ion:252 Resp: 1122568
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.9 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 54.130 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

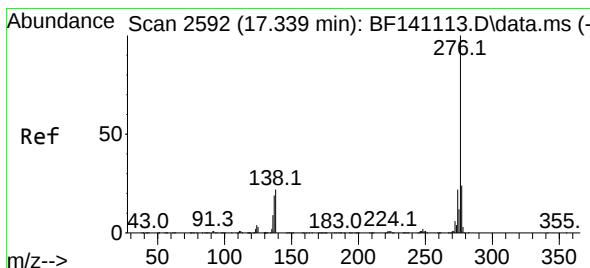
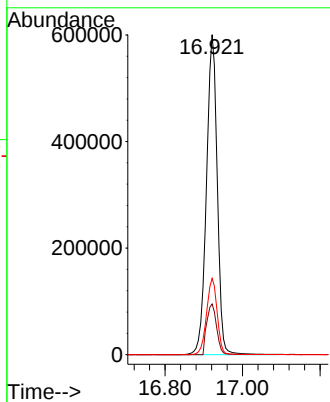
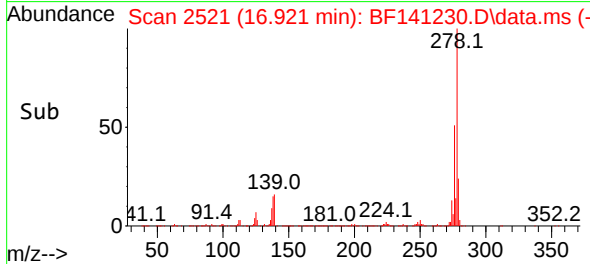
Instrument :
BNA_F
ClientSampleId :
PB166129BS



Tgt Ion:278 Resp: 1161180
Ion Ratio Lower Upper
278 100
139 15.8 13.8 20.6
279 23.8 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025



#92
Benzo(g,h,i)perylene
Concen: 48.787 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF141230.D
Acq: 21 Jan 2025 12:37

Tgt Ion:276 Resp: 1088593
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.3 17.4 26.2

