

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144323.D
 Acq On : 24 Nov 2025 14:40
 Operator : RC/JU
 Sample : PB170706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 25 00:22:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	68422	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	275503	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	160278	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	277232	20.000	ng	0.00
76) Chrysene-d12	14.045	240	155486	20.000	ng	0.00
86) Perylene-d12	15.521	264	170453	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	484009	110.697	ng	0.00
7) Phenol-d6	6.499	99	566000	114.246	ng	0.00
23) Nitrobenzene-d5	7.428	82	367215	76.981	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	241615	120.129	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	805014	74.181	ng	0.00
79) Terphenyl-d14	12.980	244	862419	88.103	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	67464	37.321	ng	99
3) Pyridine	3.463	79	173882	34.479	ng	97
4) n-Nitrosodimethylamine	3.405	42	110253	41.853	ng	89
6) Aniline	6.528	93	222291	31.492	ng	# 84
8) 2-Chlorophenol	6.651	128	187275	43.675	ng	98
9) Benzaldehyde	6.416	77	66662	23.829	ng	98
10) Phenol	6.516	94	248839	41.110	ng	85
11) bis(2-Chloroethyl)ether	6.599	93	195982	44.434	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221124	41.791	ng	97
13) 1,4-Dichlorobenzene	6.881	146	221346	41.756	ng	98
14) 1,2-Dichlorobenzene	7.034	146	210964	41.521	ng	99
15) Benzyl Alcohol	7.010	79	176359	44.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	363852	44.797	ng	89
17) 2-Methylphenol	7.122	107	152473	44.698	ng	98
18) Hexachloroethane	7.375	117	71014	40.323	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	138601	42.497	ng	95
20) 3+4-Methylphenols	7.275	107	172357	42.862	ng	94
22) Acetophenone	7.275	105	261028	44.166	ng	98
24) Nitrobenzene	7.446	77	211013	40.741	ng	97
25) Isophorone	7.687	82	395797	43.866	ng	99
26) 2-Nitrophenol	7.763	139	112753	43.978	ng	97
27) 2,4-Dimethylphenol	7.798	122	180457	46.960	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	248793	44.156	ng	99
29) 2,4-Dichlorophenol	8.010	162	183730	41.483	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	187151	41.150	ng	98
31) Naphthalene	8.169	128	536506	40.938	ng	99
32) Benzoic acid	7.945	122	157812	56.025	ng	96
33) 4-Chloroaniline	8.216	127	131654	27.544	ng	99
34) Hexachlorobutadiene	8.281	225	130874	38.182	ng	100
35) Caprolactam	8.592	113	61001m	50.271	ng	
36) 4-Chloro-3-methylphenol	8.704	107	177585	44.739	ng	99
37) 2-Methylnaphthalene	8.857	142	337166	38.480	ng	100
38) 1-Methylnaphthalene	8.957	142	337219	39.886	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	222108	42.284	ng	99
41) Hexachlorocyclopentadiene	9.010	237	147276	74.014	ng	98
43) 2,4,6-Trichlorophenol	9.140	196	147151	41.159	ng	99

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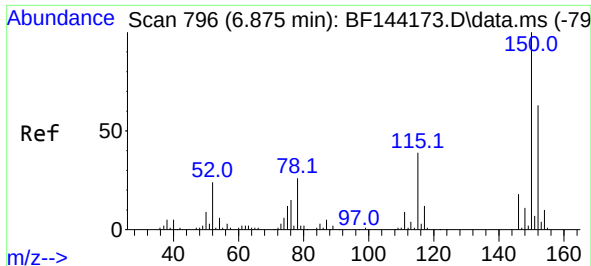
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Quant Time: Nov 25 00:22:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	160642	41.690	ng	99
46) 1,1'-Biphenyl	9.328	154	497132	44.435	ng	99
47) 2-Chloronaphthalene	9.351	162	387771	40.632	ng	98
48) 2-Nitroaniline	9.451	65	123229	44.752	ng	95
49) Acenaphthylene	9.769	152	601260	46.233	ng	100
50) Dimethylphthalate	9.628	163	481064	45.306	ng	99
51) 2,6-Dinitrotoluene	9.692	165	100840	46.914	ng	98
52) Acenaphthene	9.939	154	330809	38.039	ng	99
53) 3-Nitroaniline	9.863	138	85391	36.342	ng	96
54) 2,4-Dinitrophenol	9.975	184	129343	99.652	ng	97
55) Dibenzofuran	10.110	168	488688	40.122	ng	99
56) 4-Nitrophenol	10.034	139	141979	83.533	ng	99
57) 2,4-Dinitrotoluene	10.098	165	132970	46.211	ng	94
58) Fluorene	10.457	166	394214	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126365	46.352	ng	# 98
60) Diethylphthalate	10.328	149	444471	45.409	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	219278	41.569	ng	99
62) 4-Nitroaniline	10.481	138	99448	44.443	ng	93
63) Azobenzene	10.604	77	424276	46.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	86942	46.164	ng	99
66) n-Nitrosodiphenylamine	10.569	169	398321	44.672	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	146997	41.541	ng	96
68) Hexachlorobenzene	11.004	284	180248	43.246	ng	96
69) Atrazine	11.092	200	133379	47.036	ng	98
70) Pentachlorophenol	11.204	266	190028	91.557	ng	100
71) Phenanthrene	11.422	178	586979	42.526	ng	100
72) Anthracene	11.475	178	596334	42.488	ng	99
73) Carbazole	11.628	167	510489	42.774	ng	99
74) Di-n-butylphthalate	11.951	149	688000	47.686	ng	99
75) Fluoranthene	12.610	202	589480	41.342	ng	99
77) Benzidine	12.733	184	71483	15.543	ng	98
78) Pyrene	12.845	202	579970	46.262	ng	99
80) Butylbenzylphthalate	13.457	149	217666	50.095	ng	98
81) Benzo(a)anthracene	14.033	228	474957	44.074	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	131409	35.575	ng	97
83) Chrysene	14.069	228	439666	44.196	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	290458	48.832	ng	99
85) Di-n-octyl phthalate	14.627	149	491700	47.912	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	506751	41.415	ng	97
88) Benzo(b)fluoranthene	15.092	252	490130	50.578	ng	100
89) Benzo(k)fluoranthene	15.121	252	468920	51.698	ng	99
90) Benzo(a)pyrene	15.463	252	455062	50.902	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	429048	43.662	ng	99
92) Benzo(g,h,i)perylene	17.480	276	402757	41.504	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

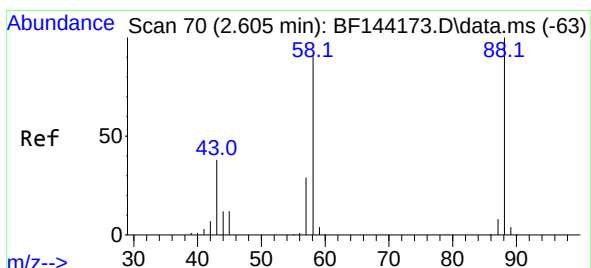
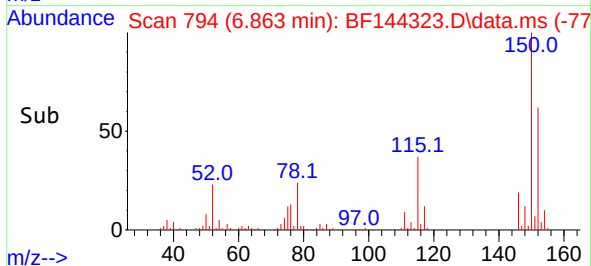
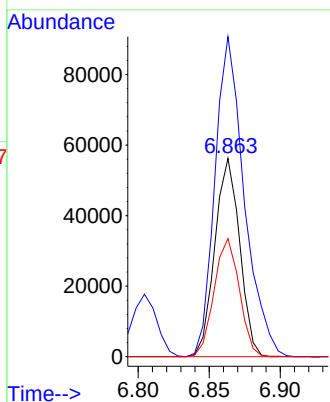
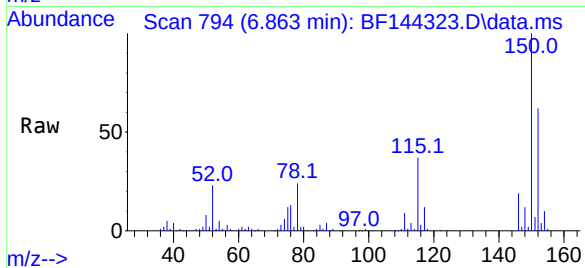
PB170706BS

Tgt Ion:152 Resp: 6842
Ion Ratio Lower Upper
152 100
150 161.4 127.4 191.0
115 59.5 49.5 74.3

Manual Integrations

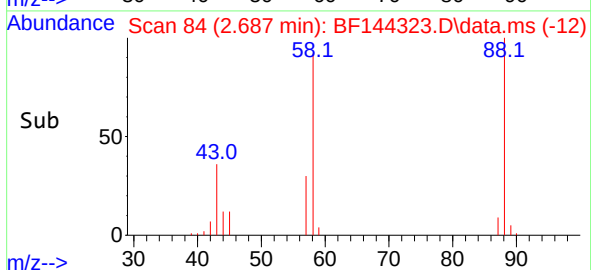
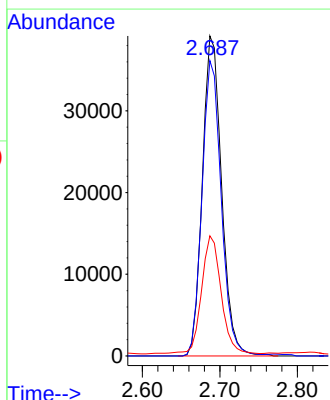
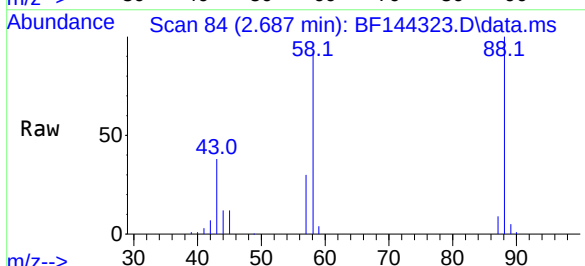
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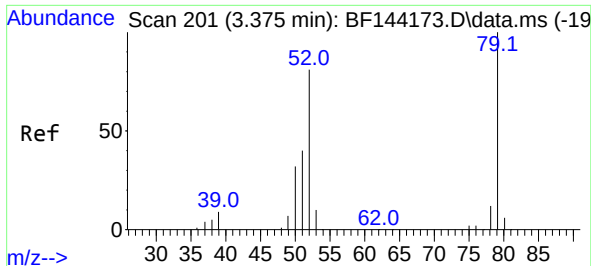
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#2
1,4-Dioxane
Concen: 37.321 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.071 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 88 Resp: 67464
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 37.7 31.0 46.6





#3
Pyridine
Concen: 34.479 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

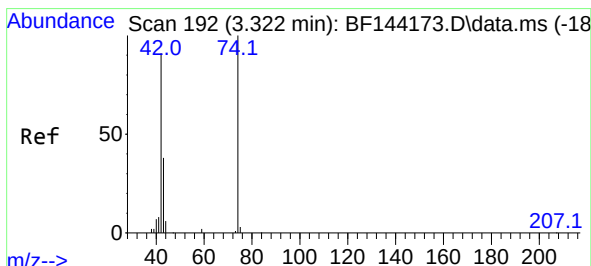
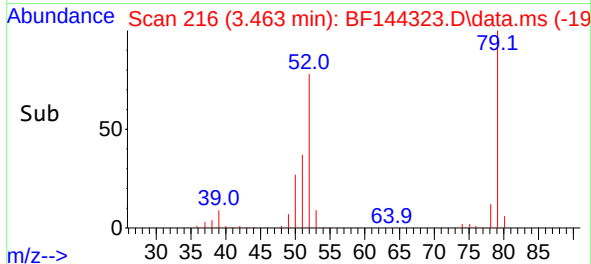
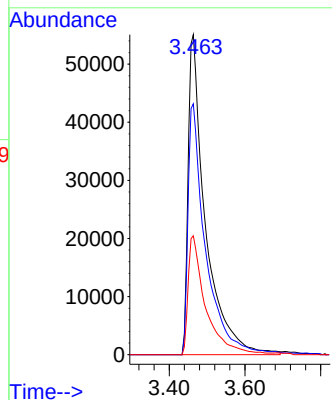
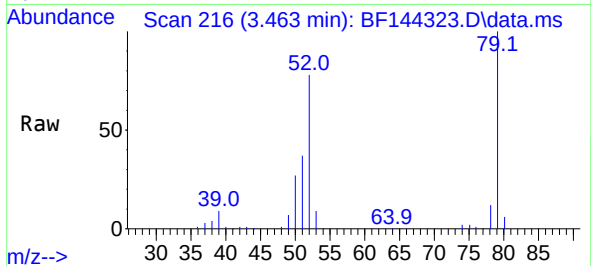
ClientSampleId :

PB170706BS

Tgt Ion: 79 Resp: 17388
Ion Ratio Lower Upper
79 100
52 78.4 64.5 96.7
51 37.1 31.7 47.5

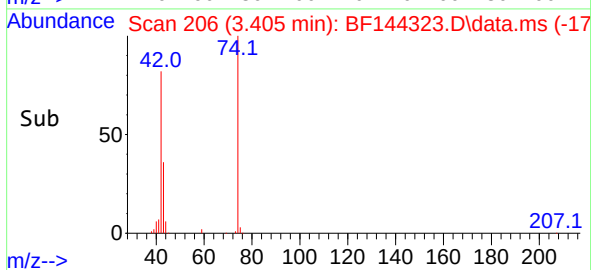
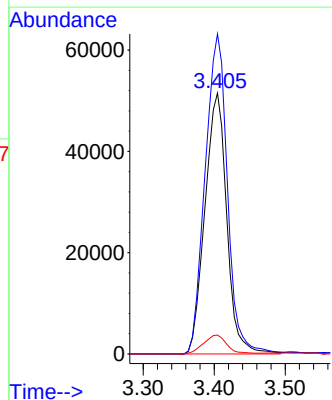
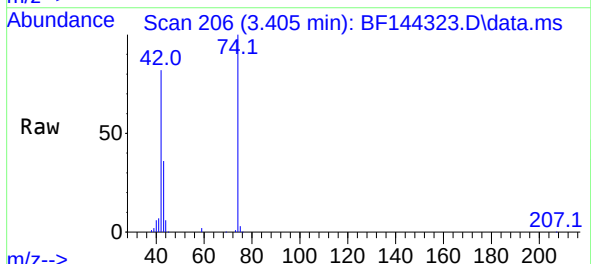
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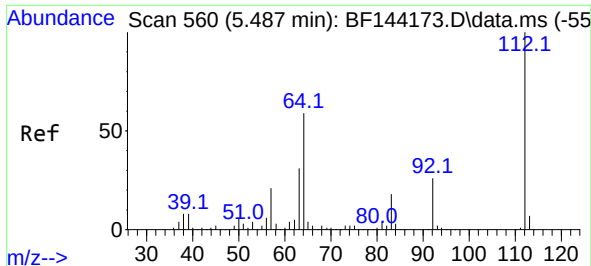
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#4
n-Nitrosodimethylamine
Concen: 41.853 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 42 Resp: 110253
Ion Ratio Lower Upper
42 100
74 122.6 88.2 132.4
44 7.3 5.7 8.5





#5
2-Fluorophenol
Concen: 110.697 ng
RT: 5.499 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

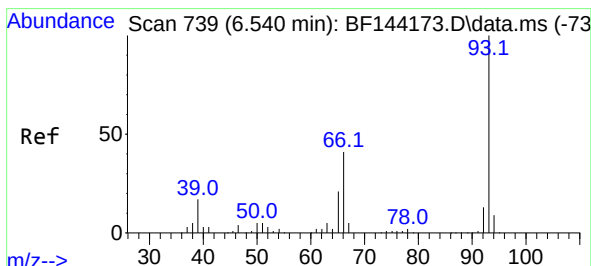
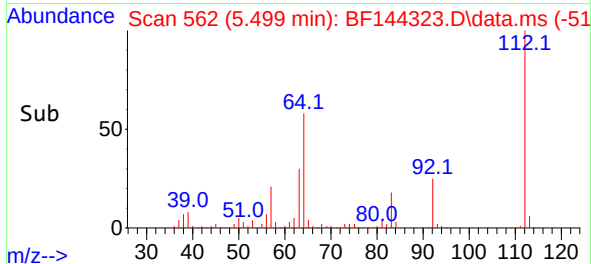
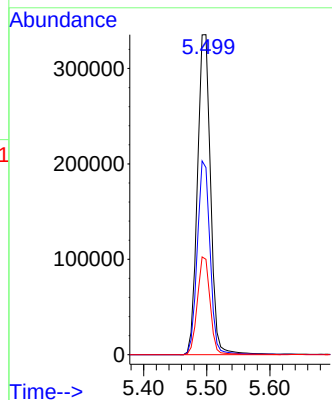
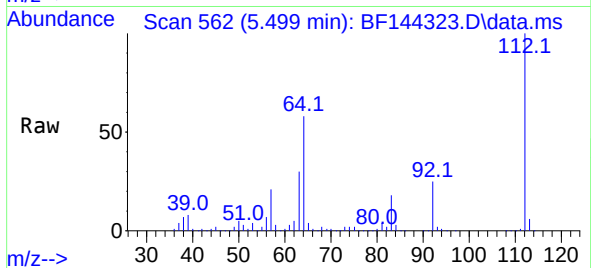
PB170706BS

Tgt Ion:112 Resp: 484009
Ion Ratio Lower Upper
112 100
64 58.5 47.2 70.8
63 29.8 24.4 36.6

Manual Integrations

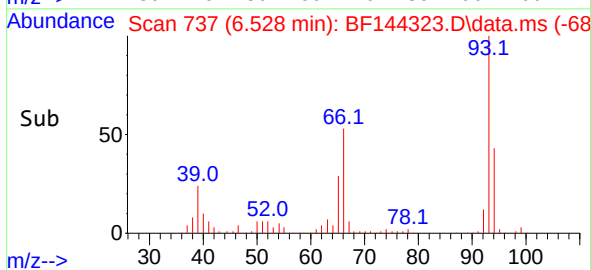
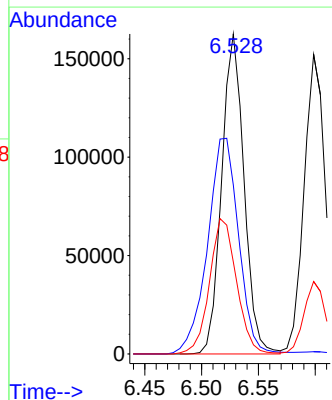
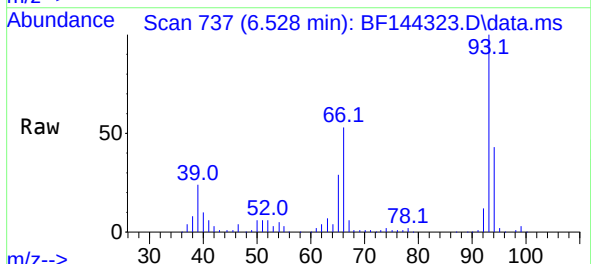
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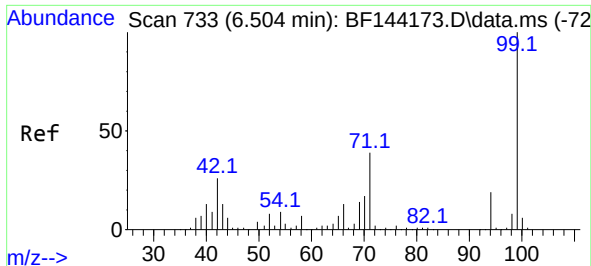
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#6
Aniline
Concen: 31.492 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

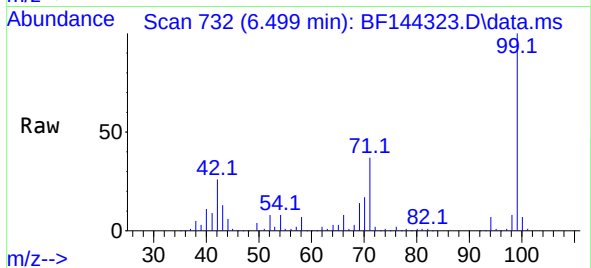
Tgt Ion: 93 Resp: 222291
Ion Ratio Lower Upper
93 100
66 52.8 34.3 51.5#
65 28.7 16.9 25.3#





#7
Phenol-d6
Concen: 114.246 ng
RT: 6.499 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

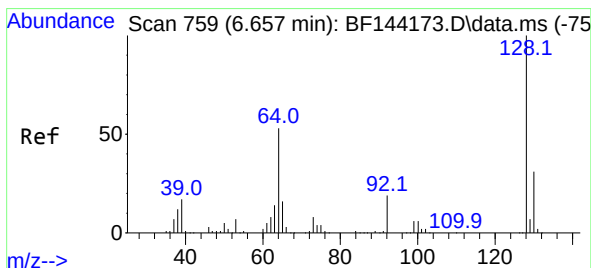
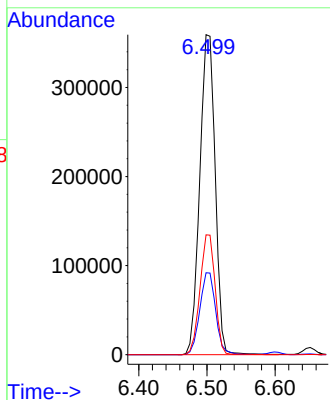
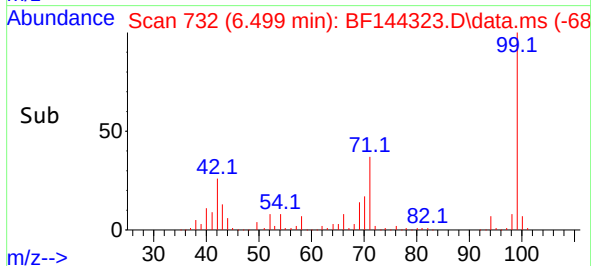
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BNA_F
ClientSampleId :
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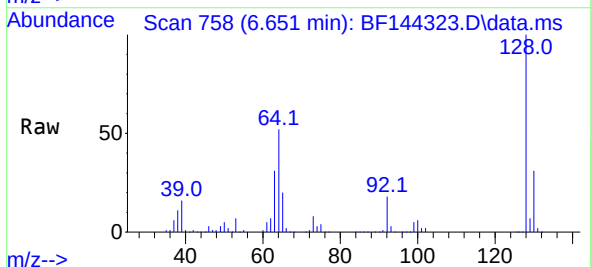
Tgt Ion: 99 Resp: 566000
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 37.4 31.4 47.2

Manual Integrations
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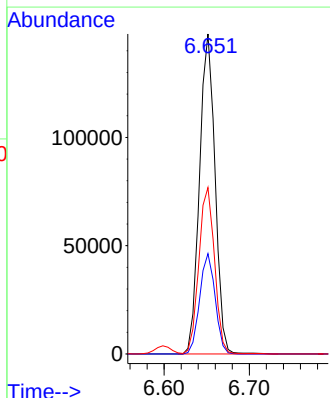
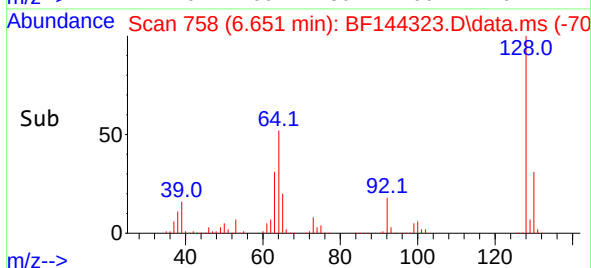
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

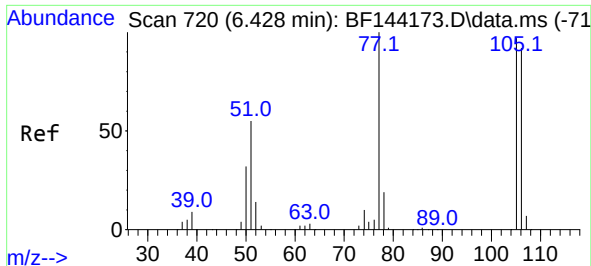


#8
2-Chlorophenol
Concen: 43.675 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:128 Resp: 187275
Ion Ratio Lower Upper
128 100
130 31.3 10.5 50.5
64 52.0 33.2 73.2





#9
Benzaldehyde
Concen: 23.829 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

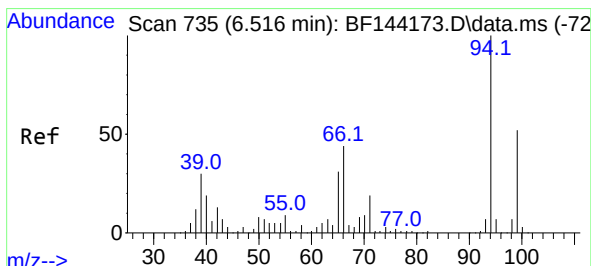
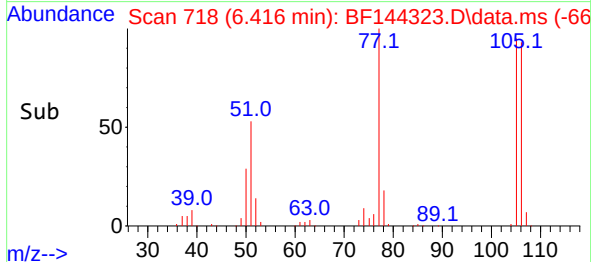
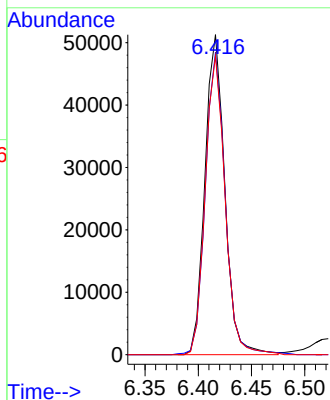
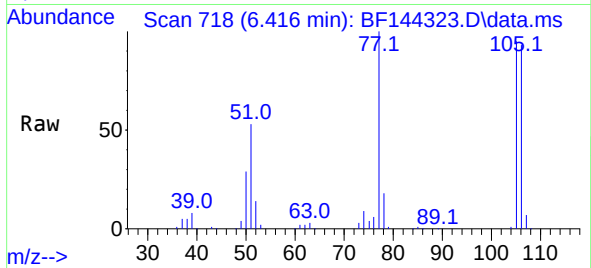
ClientSampleId :

PB170706BS

Tgt Ion: 77 Resp: 66662
Ion Ratio Lower Upper
77 100
105 94.5 77.2 117.2
106 93.4 72.2 112.2

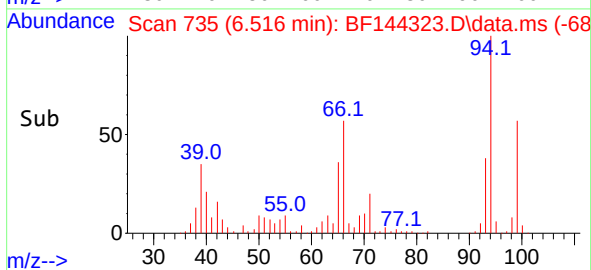
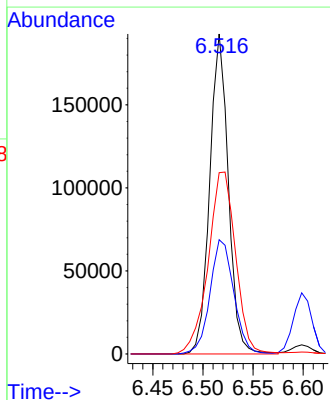
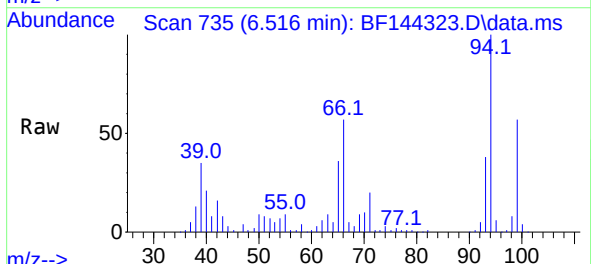
Manual Integrations
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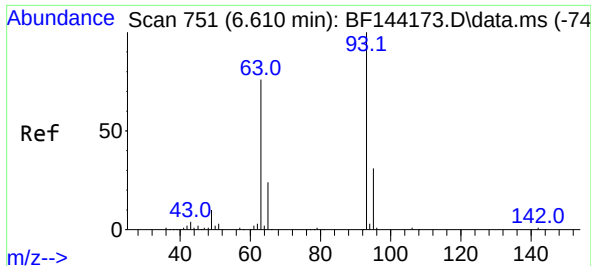
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#10
Phenol
Concen: 41.110 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

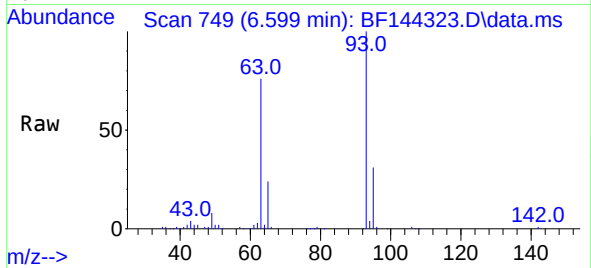
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Ion Ratio Lower Upper
94 100
65 35.7 10.8 50.8
66 56.6 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 44.434 ng
RT: 6.599 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

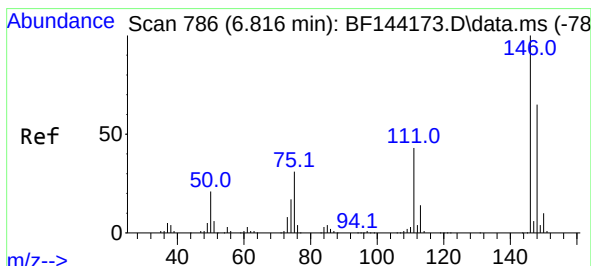
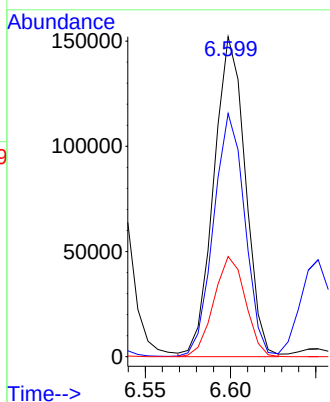
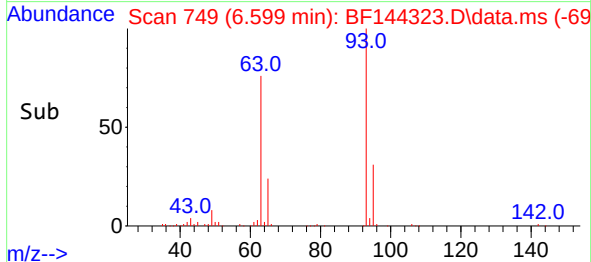
Instrument :
BNA_F
ClientSampleId :
PB170706BS



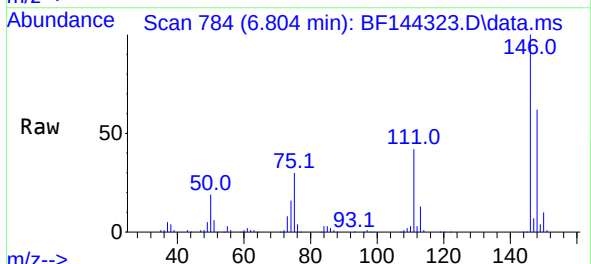
Tgt Ion: 93 Resp: 19598
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 31.3 11.2 51.2

Manual Integrations
APPROVED

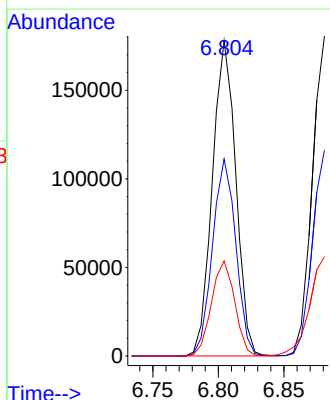
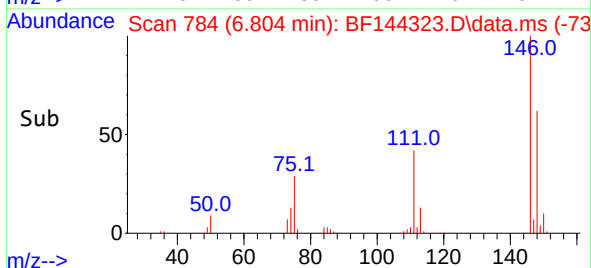
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

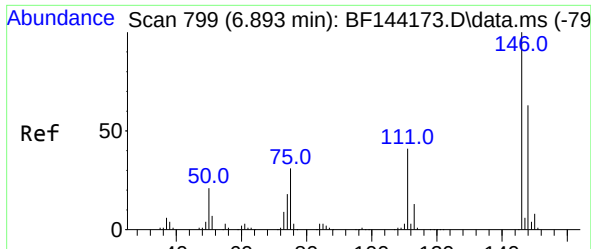


#12
1,3-Dichlorobenzene
Concen: 41.791 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



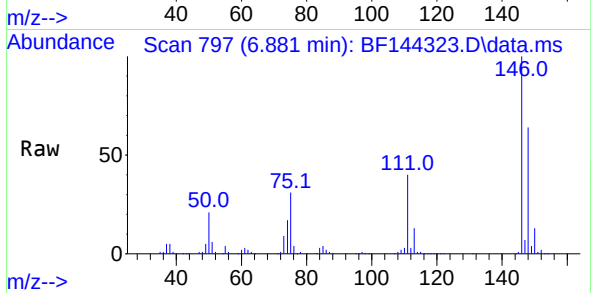
Tgt Ion:146 Resp: 221124
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.8
75 30.2 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 41.756 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

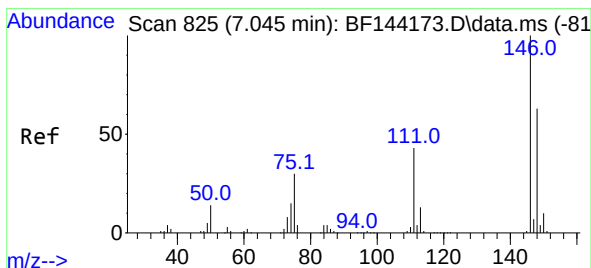
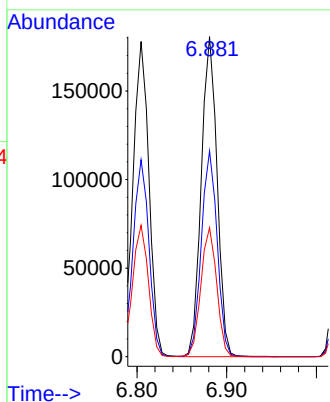
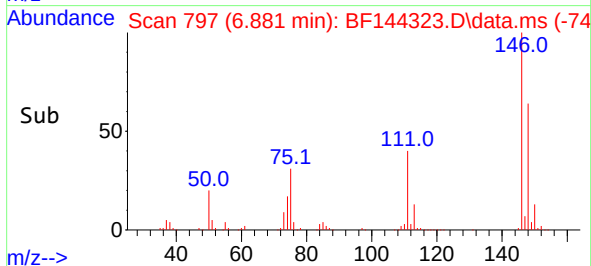
Instrument :
BNA_F
ClientSampleId :
PB170706BS



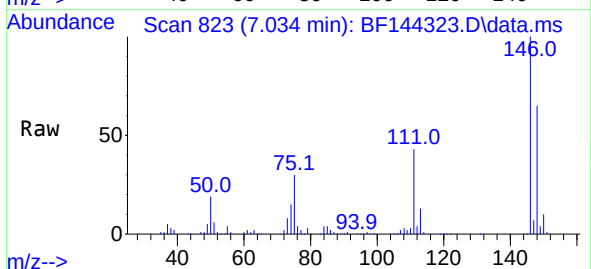
Tgt Ion:146 Resp: 221340
Ion Ratio Lower Upper
146 100
148 64.3 50.2 75.2
111 40.3 32.6 48.8

Manual Integrations
APPROVED

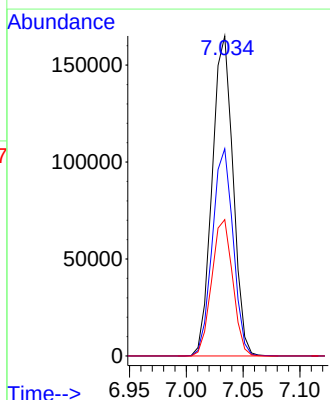
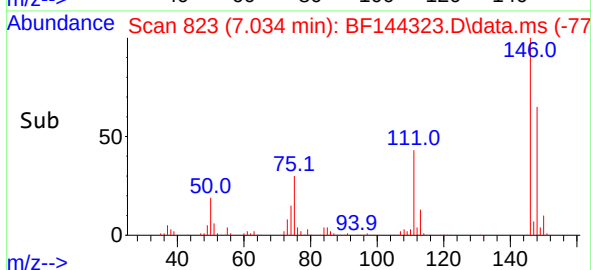
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

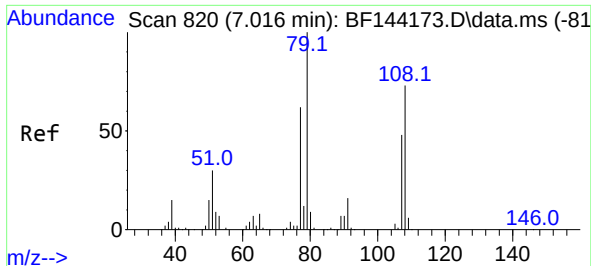


#14
1,2-Dichlorobenzene
Concen: 41.521 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:146 Resp: 210964
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
111 42.6 34.2 51.4





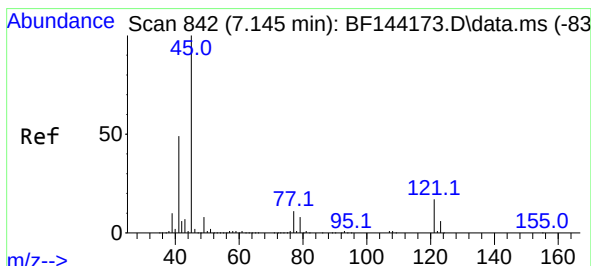
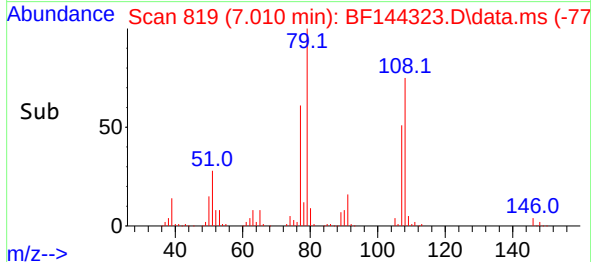
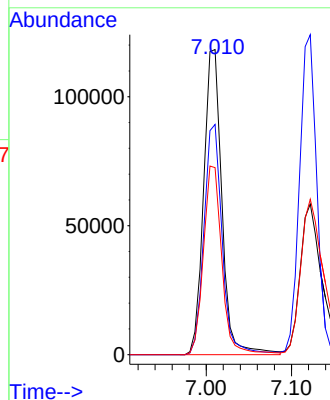
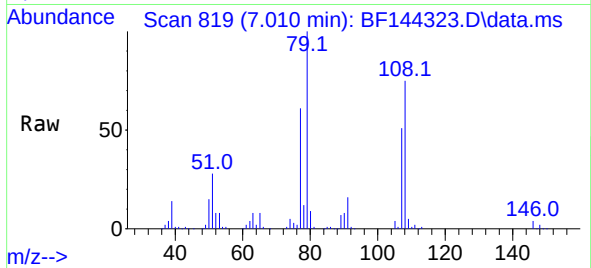
#15
Benzyl Alcohol
Concen: 44.956 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion: 79 Resp: 17635
Ion Ratio Lower Upper
79 100
108 75.5 58.2 87.4
77 61.3 49.9 74.9

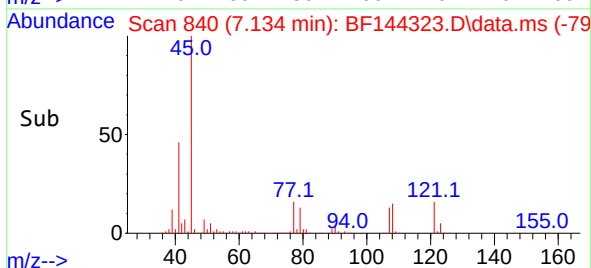
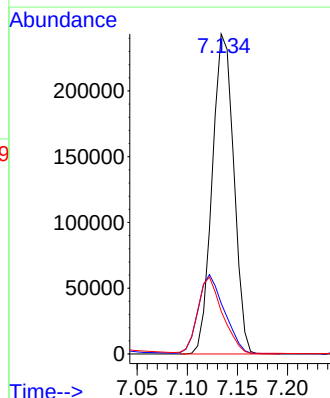
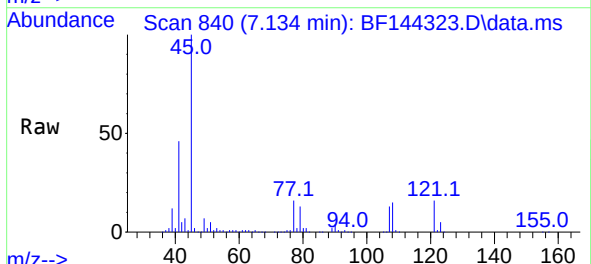
Manual Integrations
APPROVED

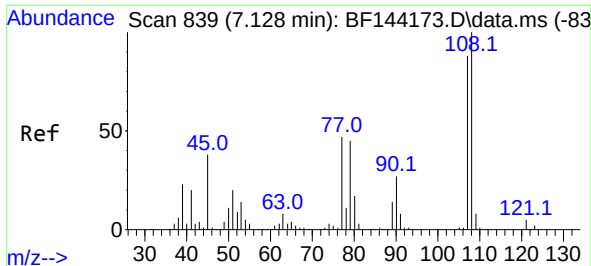
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.797 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 45 Resp: 363852
Ion Ratio Lower Upper
45 100
77 15.9 0.0 31.8
79 13.4 0.0 29.1





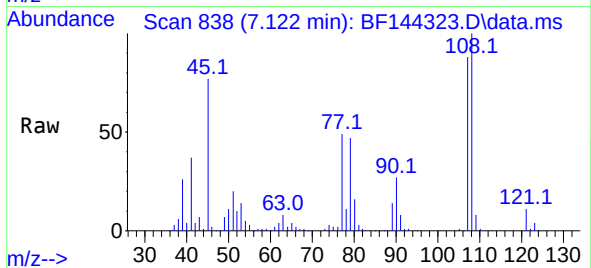
#17
2-Methylphenol
Concen: 44.698 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

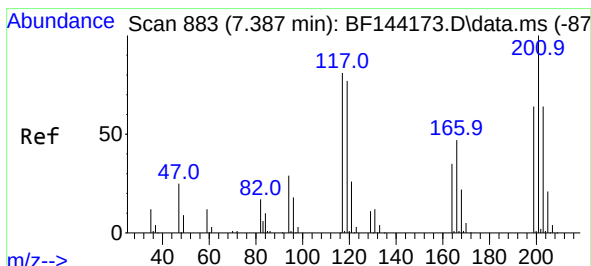
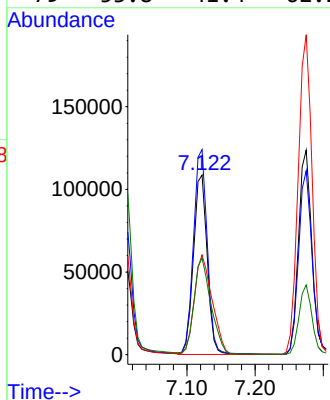
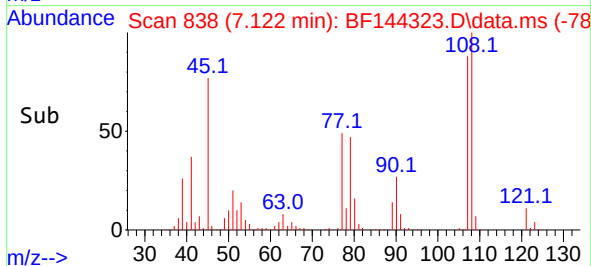


Tgt Ion:107 Resp: 15247
Ion Ratio Lower Upper
107 100
108 114.2 91.0 136.4
77 55.5 42.7 64.1
79 53.8 41.4 62.2

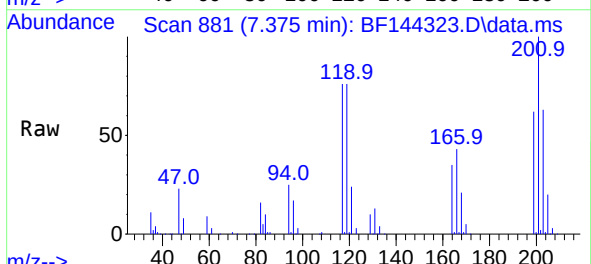
Manual Integrations

APPROVED

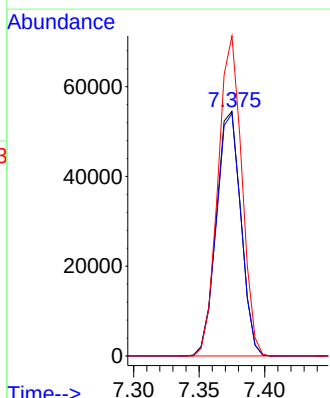
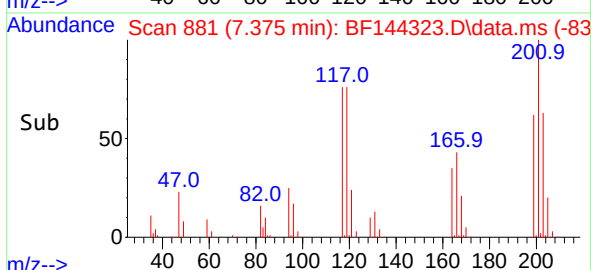
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

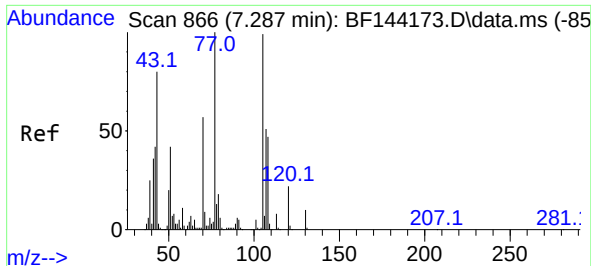


#18
Hexachloroethane
Concen: 40.323 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:117 Resp: 71014
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
201 130.8 98.9 148.3





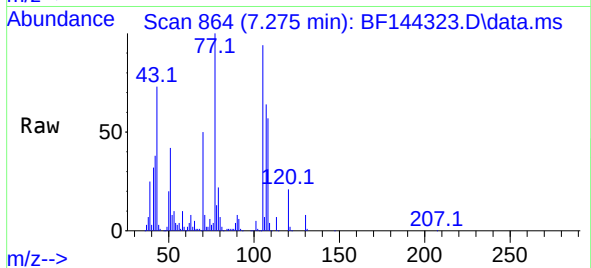
#19
n-Nitroso-di-n-propylamine
Concen: 42.497 ng
RT: 7.275 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

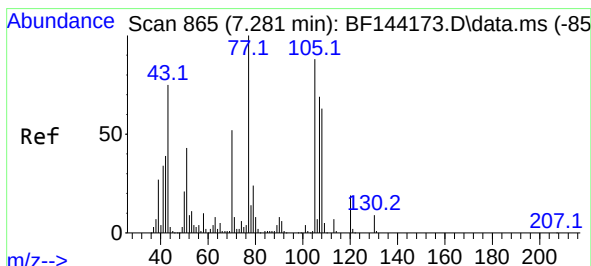
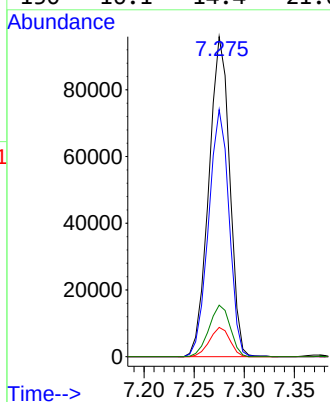
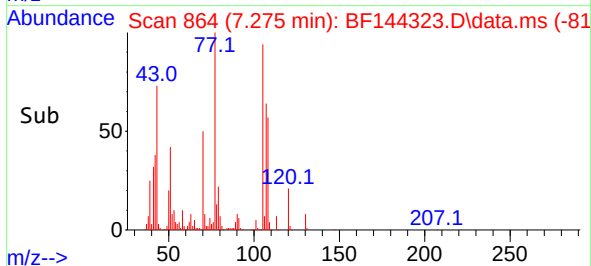


Tgt Ion: 70 Resp: 13860
Ion Ratio Lower Upper
70 100
42 77.2 58.3 87.5
101 9.2 7.0 10.6
130 16.1 14.4 21.6

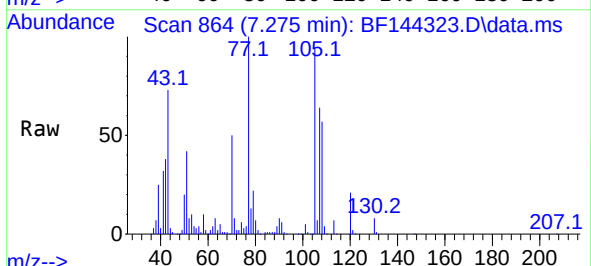
Manual Integrations

APPROVED

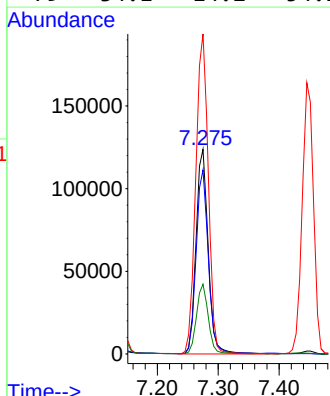
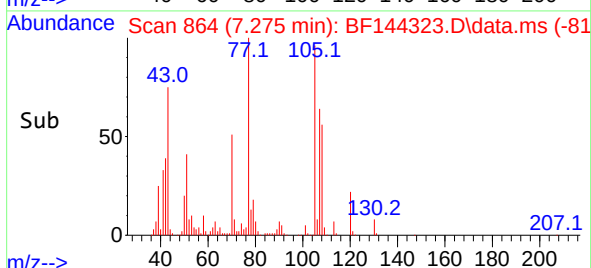
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

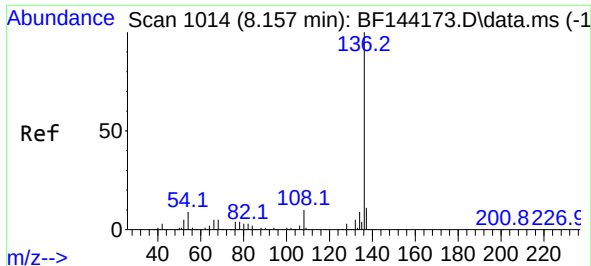


#20
3+4-Methylphenols
Concen: 42.862 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:107 Resp: 172357
Ion Ratio Lower Upper
107 100
108 89.9 70.2 110.2
77 156.4 123.9 163.9
79 34.1 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

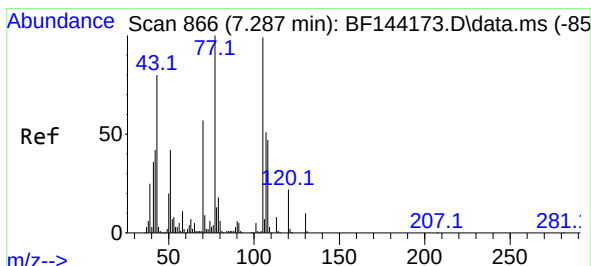
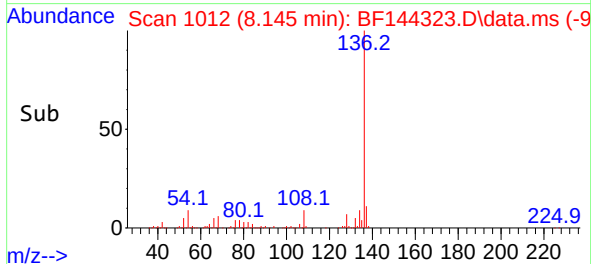
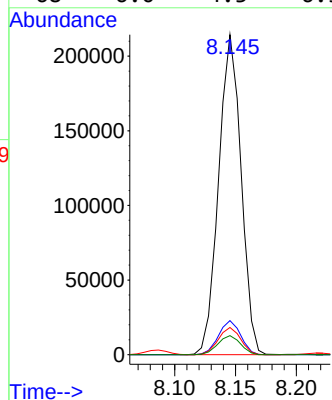
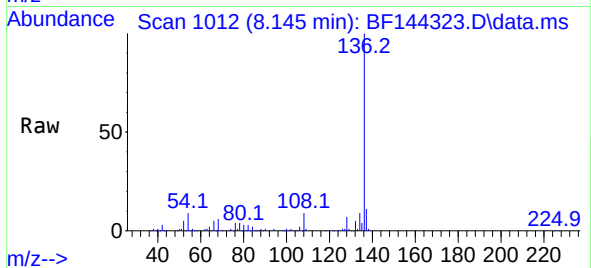
PB170706BS

Tgt Ion:136 Resp: 275500
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.0 10.6
68 6.0 4.3 6.5

Manual Integrations

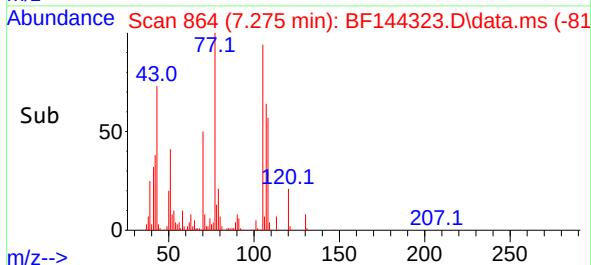
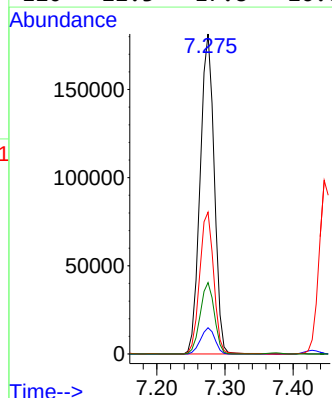
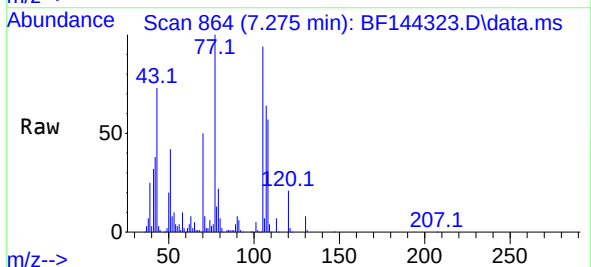
APPROVED

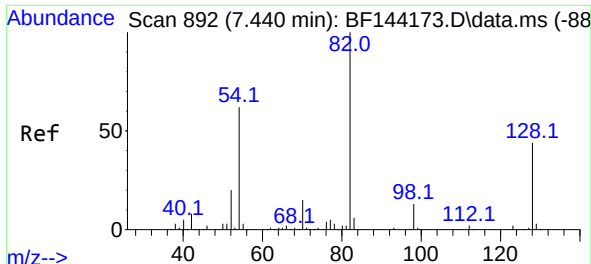
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#22
Acetophenone
Concen: 44.166 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:105 Resp: 261028
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 44.3 34.0 51.0
120 22.3 17.8 26.6





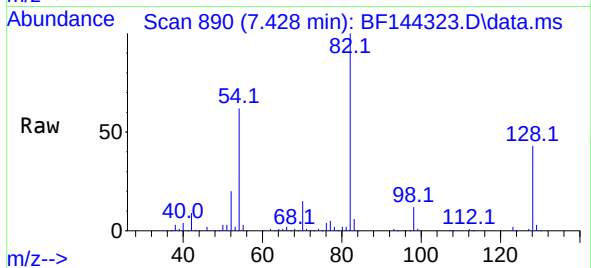
#23
Nitrobenzene-d5
Concen: 76.981 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

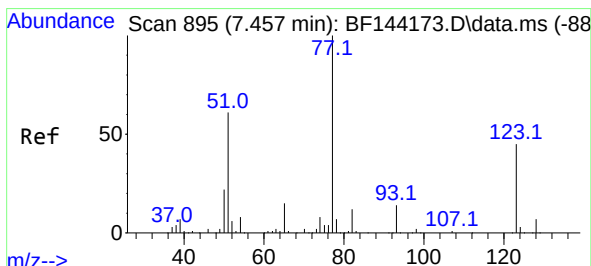
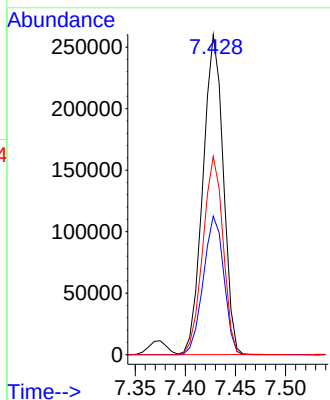
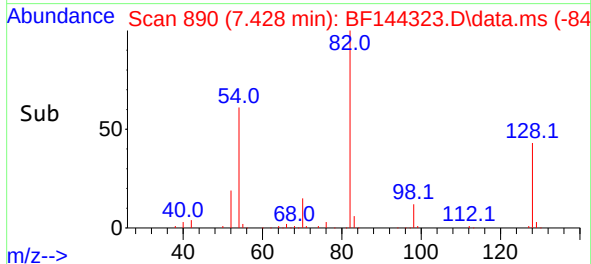


Tgt Ion: 82 Resp: 367215
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 62.0 49.5 74.3

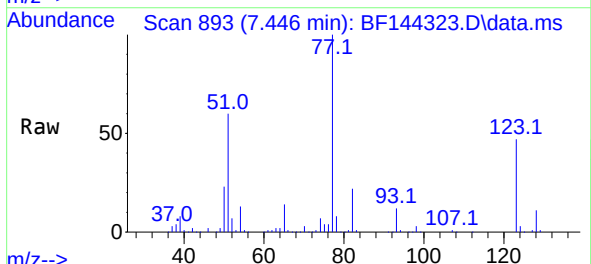
Manual Integrations

APPROVED

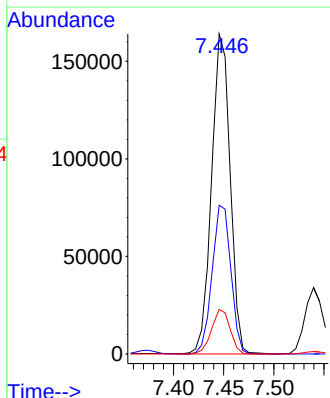
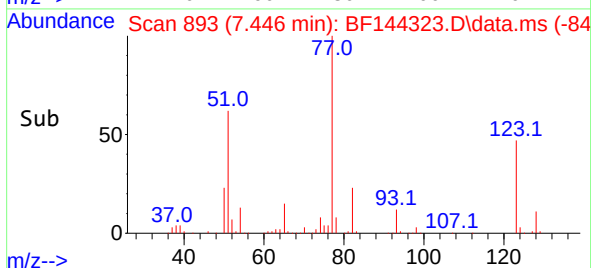
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

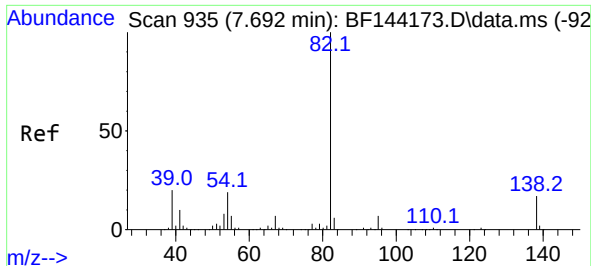


#24
Nitrobenzene
Concen: 40.741 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion: 77 Resp: 211013
Ion Ratio Lower Upper
77 100
123 46.5 35.8 53.8
65 13.9 12.2 18.2





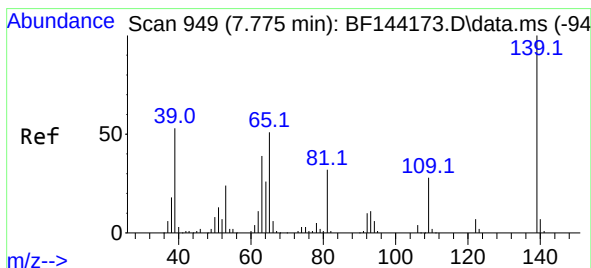
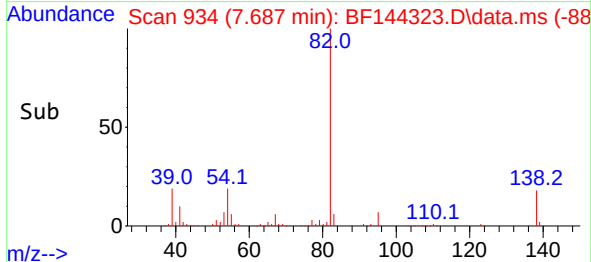
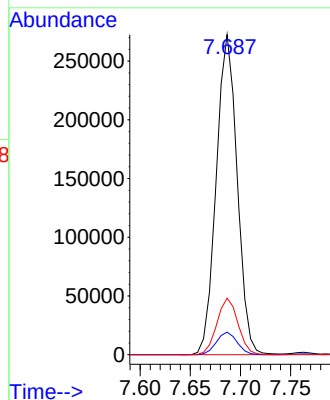
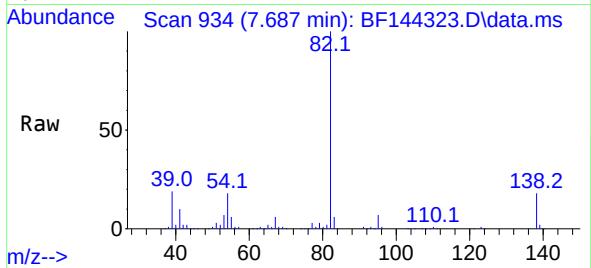
#25
Isophorone
Concen: 43.866 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion: 82 Resp: 39579
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 13.7 20.5

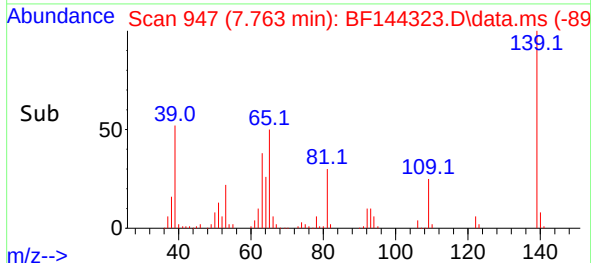
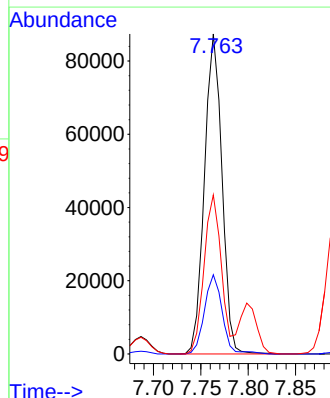
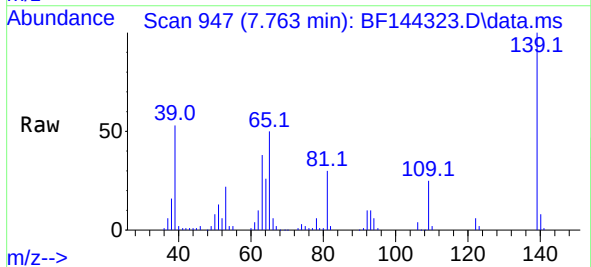
Manual Integrations
APPROVED

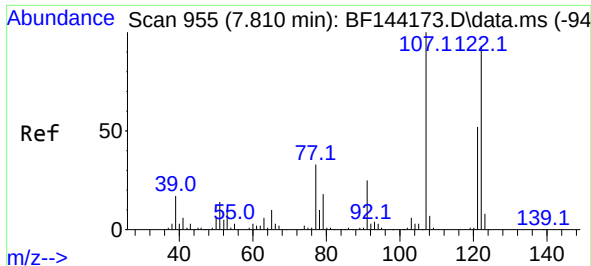
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#26
2-Nitrophenol
Concen: 43.978 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:139 Resp: 112753
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 49.7 40.7 61.1





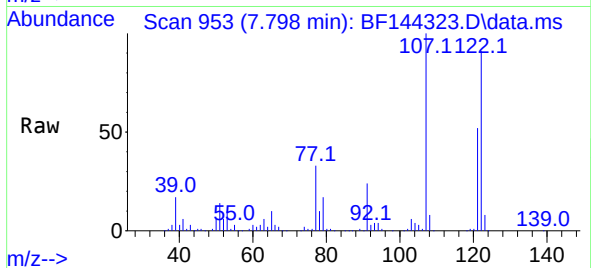
#27
2,4-Dimethylphenol
Concen: 46.960 ng
RT: 7.798 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

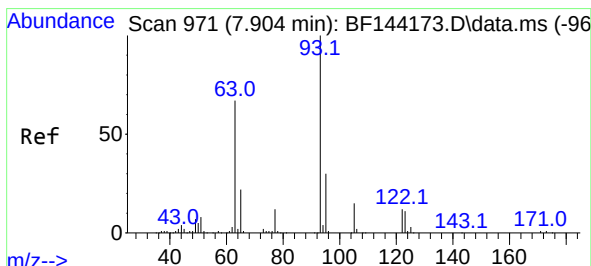
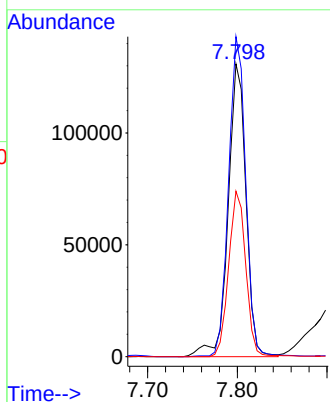
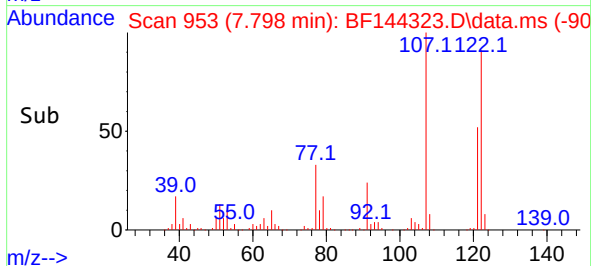


Tgt Ion:122 Resp: 18045
Ion Ratio Lower Upper
122 100
107 109.3 86.2 129.4
121 56.5 44.6 66.8

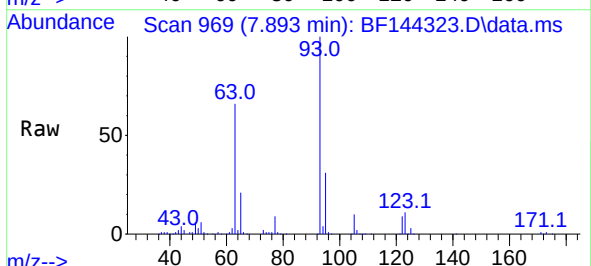
Manual Integrations

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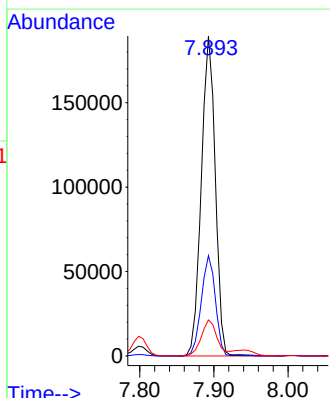
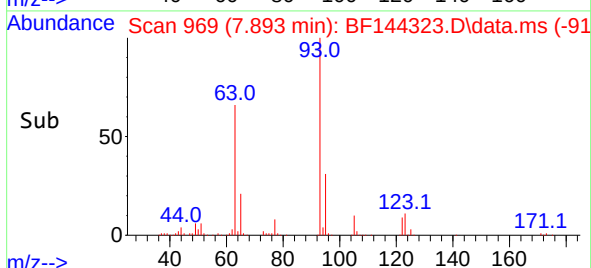
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

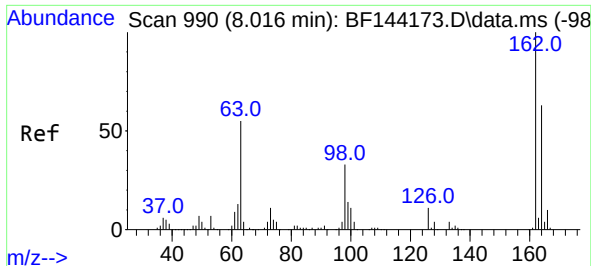


#28
bis(2-Chloroethoxy)methane
Concen: 44.156 ng
RT: 7.893 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion: 93 Resp: 248793
Ion Ratio Lower Upper
93 100
95 31.3 24.2 36.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.483 ng

RT: 8.010 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion:162 Resp: 183730

Ion Ratio Lower Upper

162 100

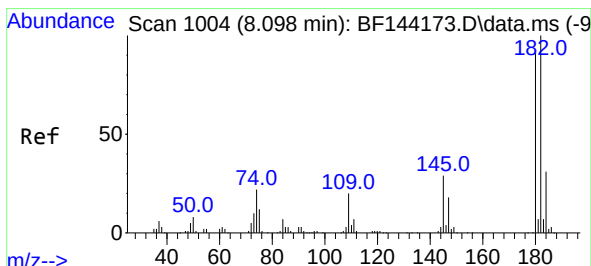
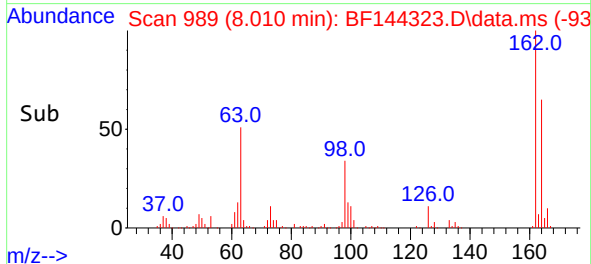
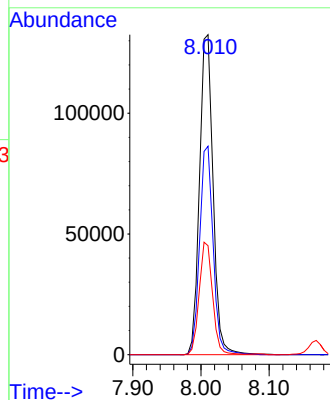
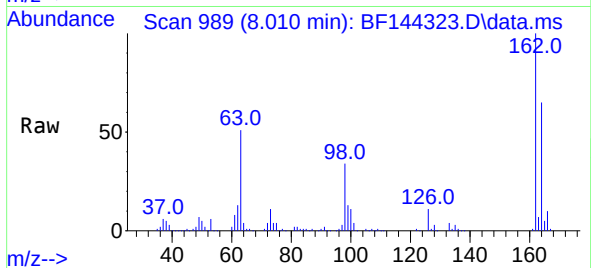
164 65.1 42.9 82.9

98 34.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.150 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

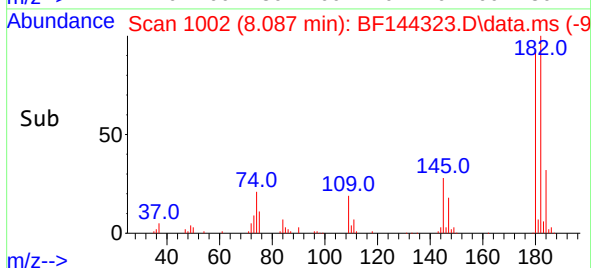
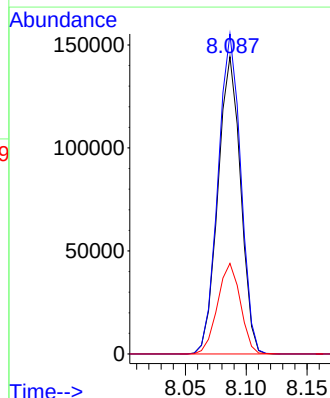
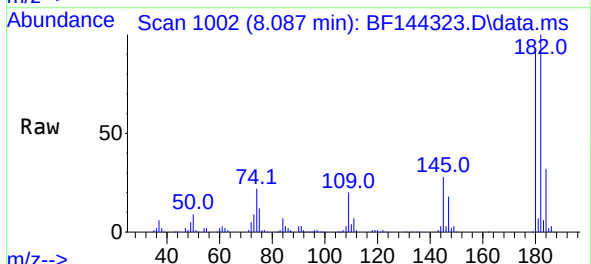
Tgt Ion:180 Resp: 187151

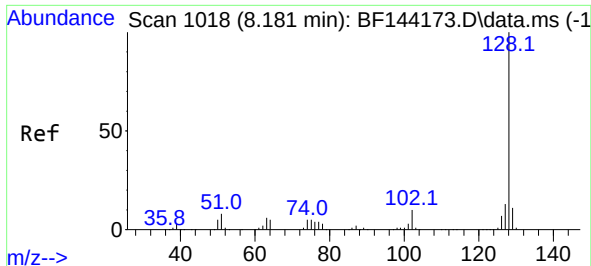
Ion Ratio Lower Upper

180 100

182 107.6 87.7 131.5

145 30.5 25.4 38.0





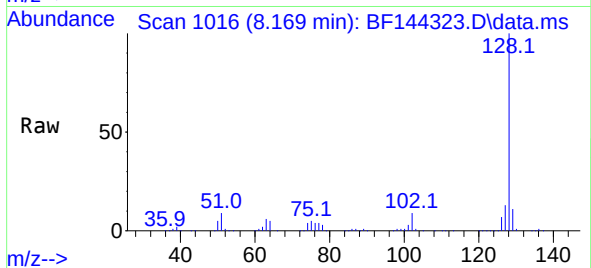
#31
Naphthalene
Concen: 40.938 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

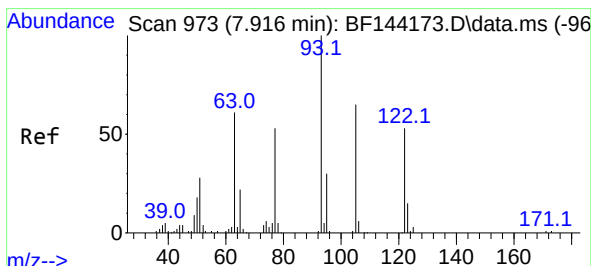
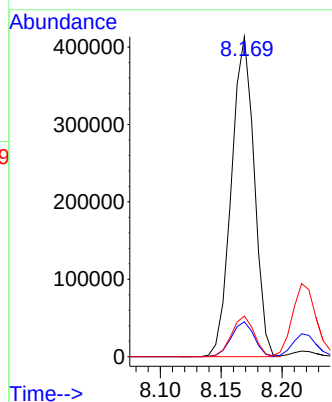
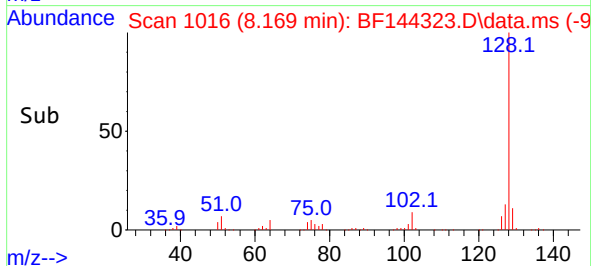


Tgt Ion:128 Resp: 536500
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.7 10.3 15.5

Manual Integrations

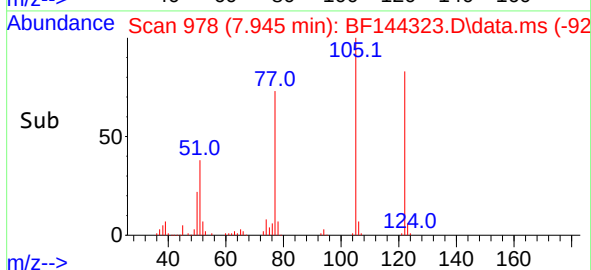
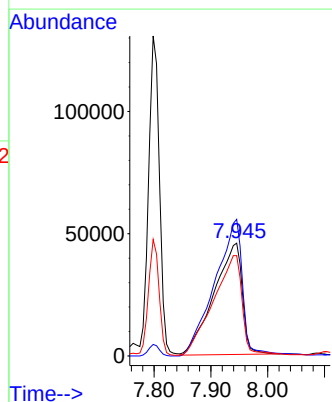
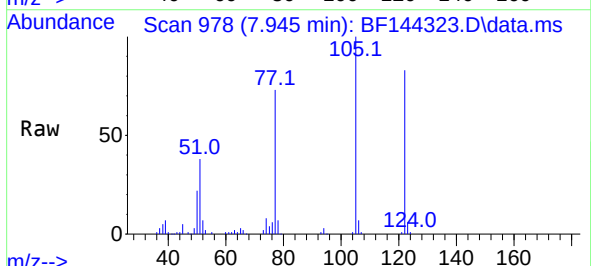
APPROVED

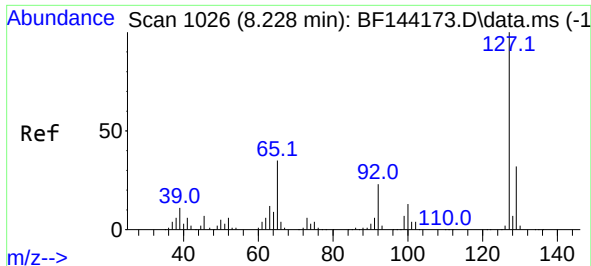
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#32
Benzoic acid
Concen: 56.025 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:122 Resp: 157812
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 88.9 77.5 117.5





#33

4-Chloroaniline

Concen: 27.544 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

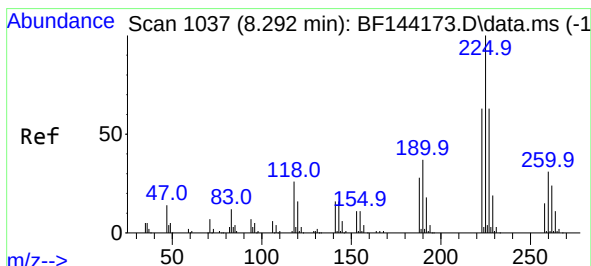
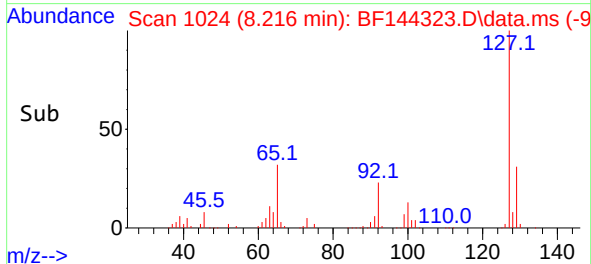
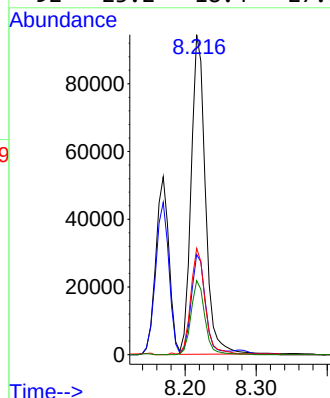
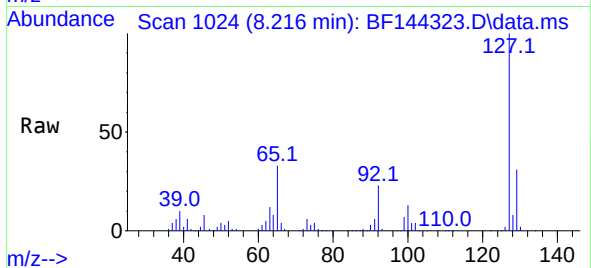
Tgt Ion:127 Resp: 131654

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.3	37.9
65	33.3	27.6	41.4
92	23.2	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#34

Hexachlorobutadiene

Concen: 38.182 ng

RT: 8.281 min Scan# 1035

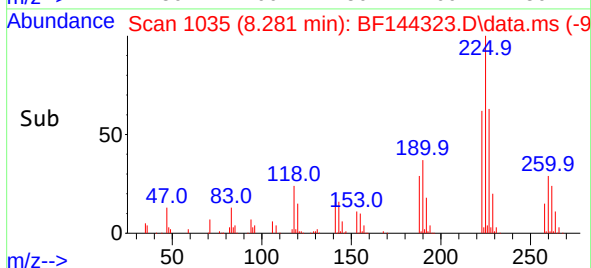
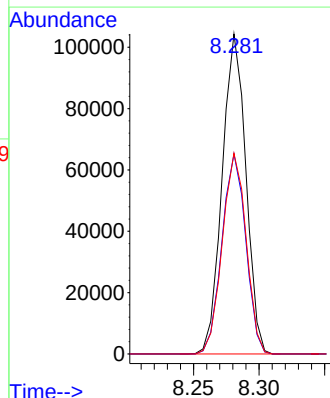
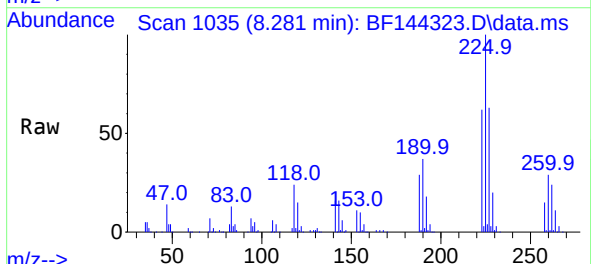
Delta R.T. -0.012 min

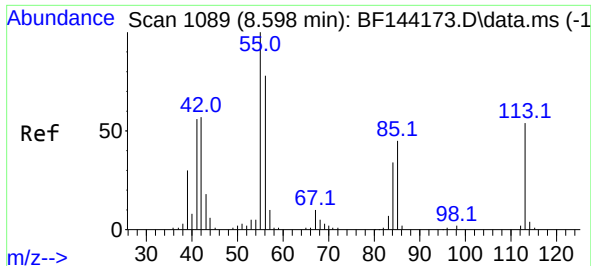
Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:225 Resp: 130874

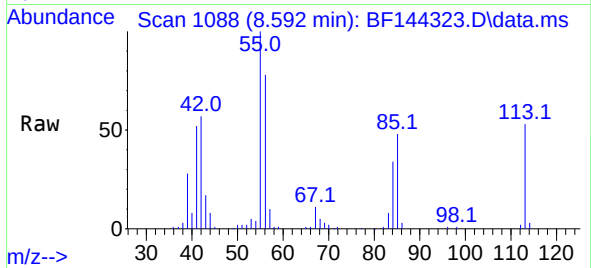
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	62.7	50.1	75.1





#35
Caprolactam
Concen: 50.271 ng m
RT: 8.592 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

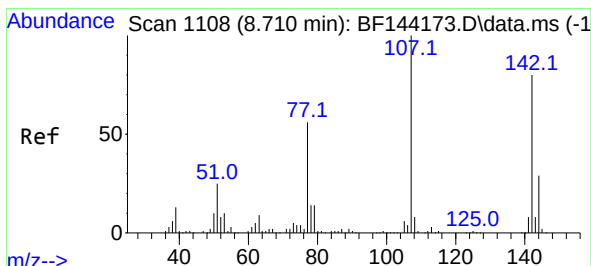
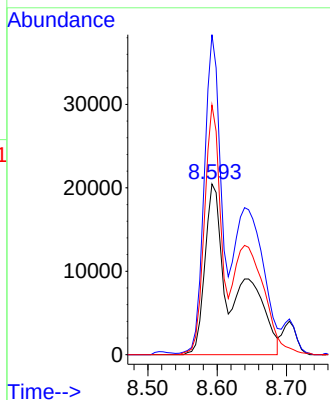
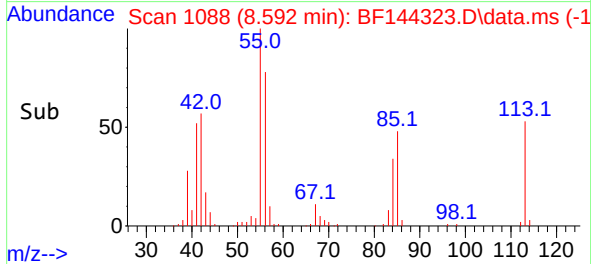
Instrument :
BNA_F
ClientSampleId :
PB170706BS



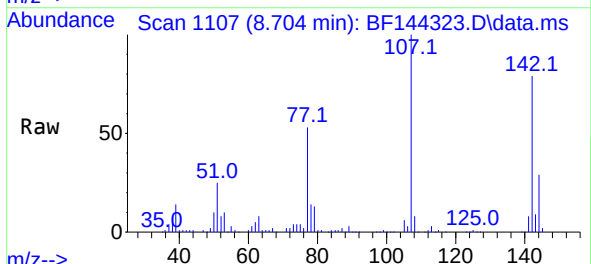
Tgt Ion:113 Resp: 6100
Ion Ratio Lower Upper
113 100
55 187.5 166.8 206.8
56 146.2 125.9 165.9

Manual Integrations
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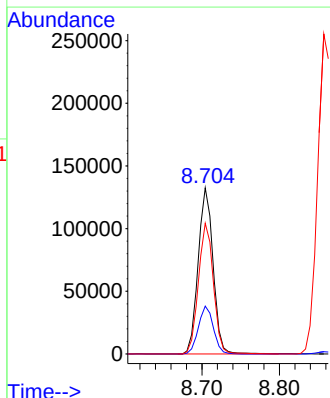
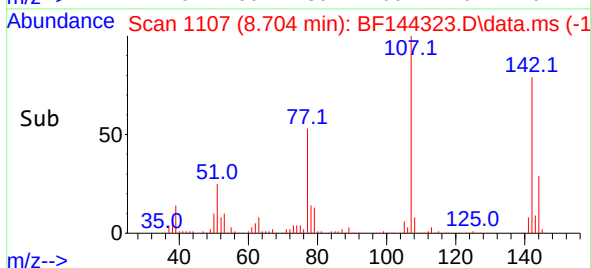
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

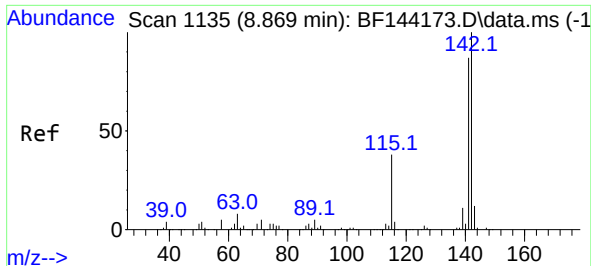


#36
4-Chloro-3-methylphenol
Concen: 44.739 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:107 Resp: 177585
Ion Ratio Lower Upper
107 100
144 28.8 23.3 34.9
142 78.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.480 ng

RT: 8.857 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion:142 Resp: 337160

Ion Ratio Lower Upper

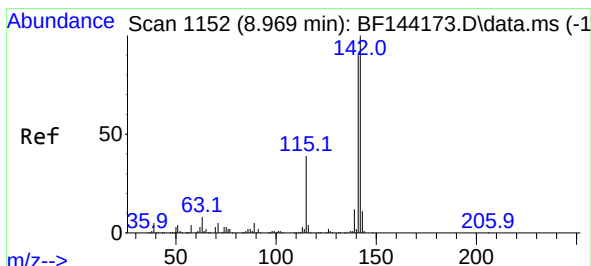
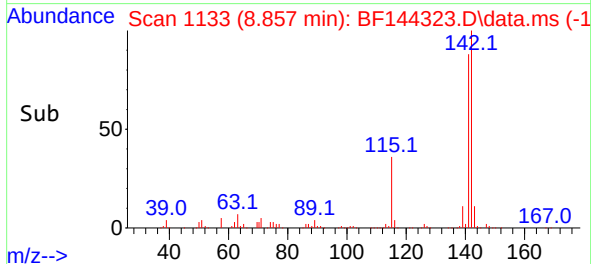
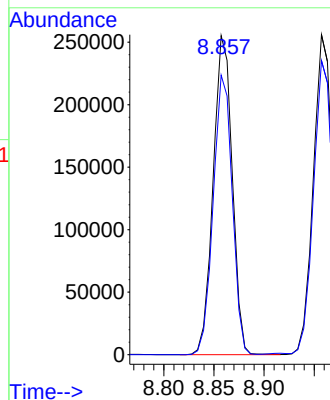
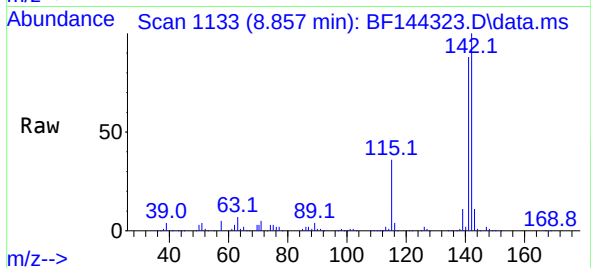
142 100

141 87.6 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#38

1-Methylnaphthalene

Concen: 39.886 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144323.D

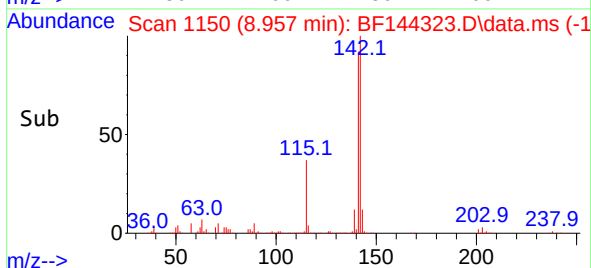
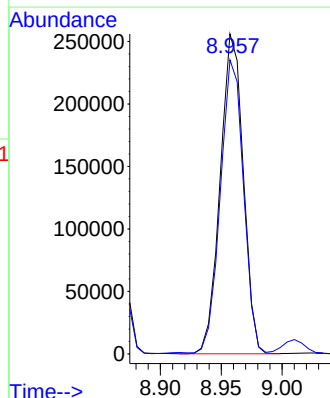
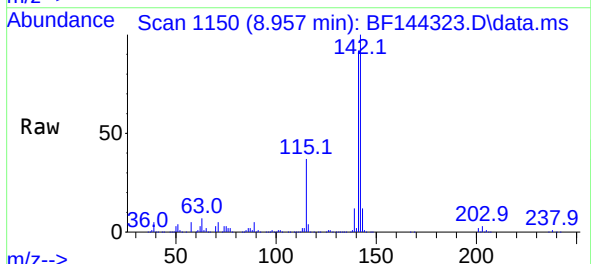
Acq: 24 Nov 2025 14:40

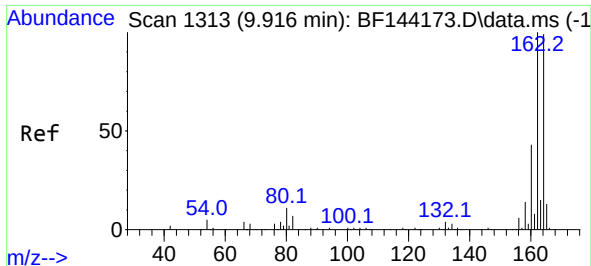
Tgt Ion:142 Resp: 337219

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144323.D

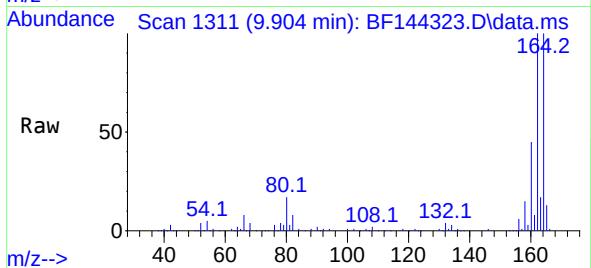
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS



Tgt Ion:164 Resp: 160278

Ion Ratio Lower Upper

164 100

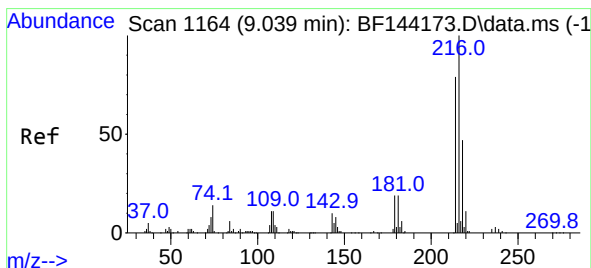
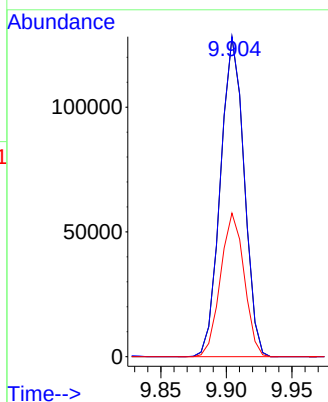
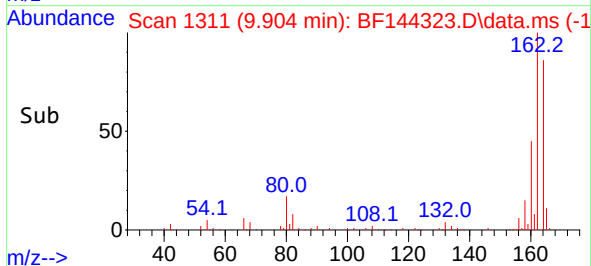
162 100.2 81.1 121.7

160 44.9 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.284 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:216 Resp: 222108

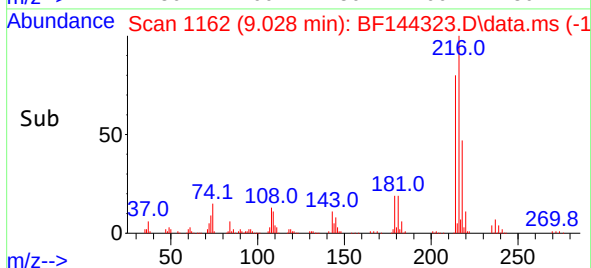
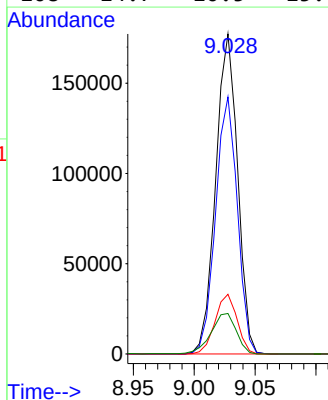
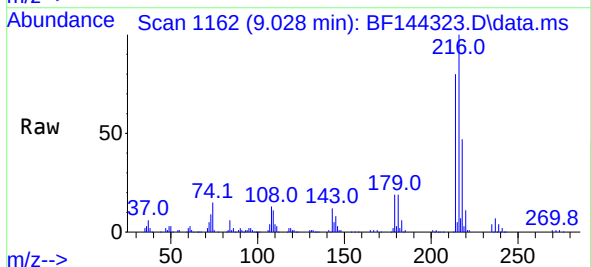
Ion Ratio Lower Upper

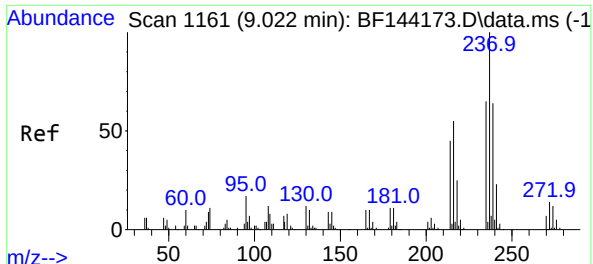
216 100

214 79.9 63.4 95.2

179 18.8 15.0 22.4

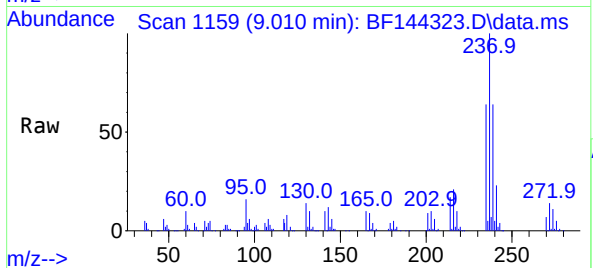
108 14.7 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 74.014 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

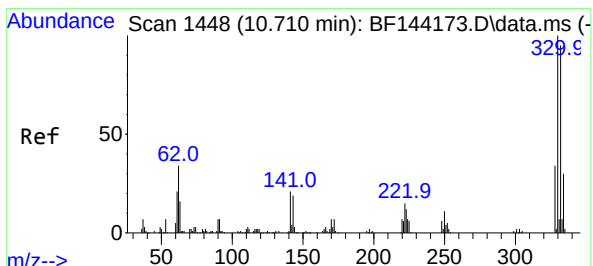
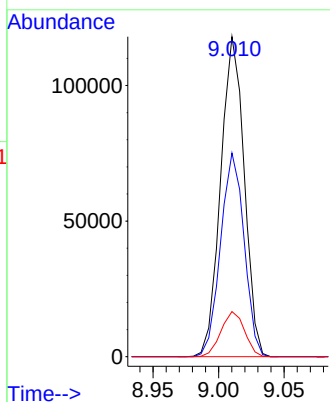
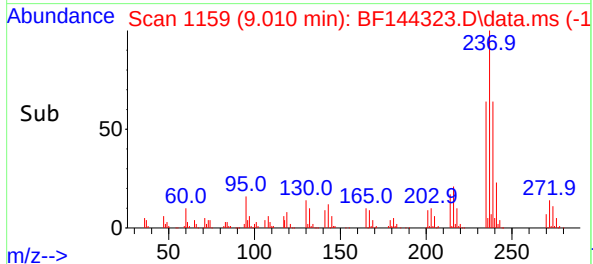
Instrument :
BNA_F
ClientSampleId :
PB170706BS



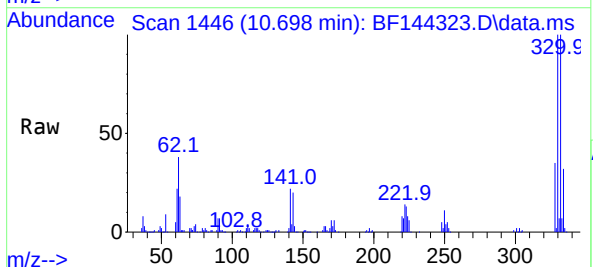
Tgt Ion:237 Resp: 147270
Ion Ratio Lower Upper
237 100
235 63.6 45.5 85.5
272 14.1 0.0 33.5

Manual Integrations
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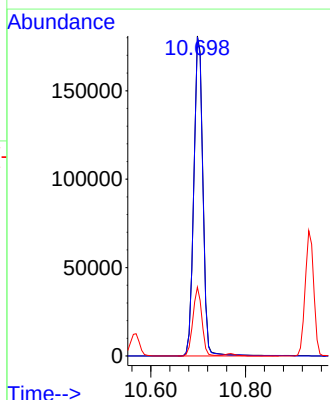
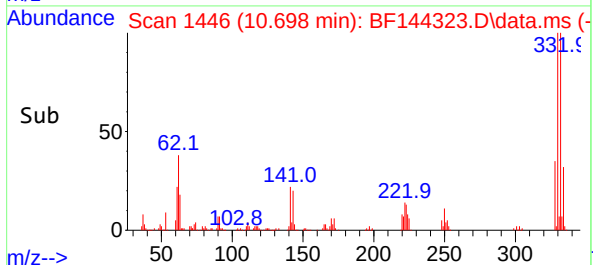
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

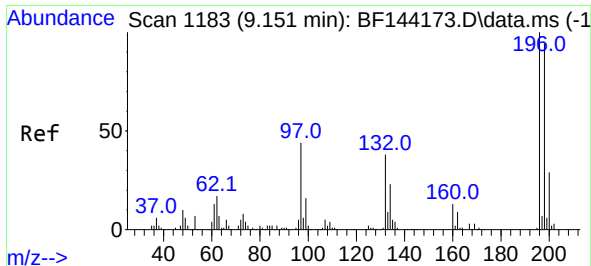


#42
2,4,6-Tribromophenol
Concen: 120.129 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



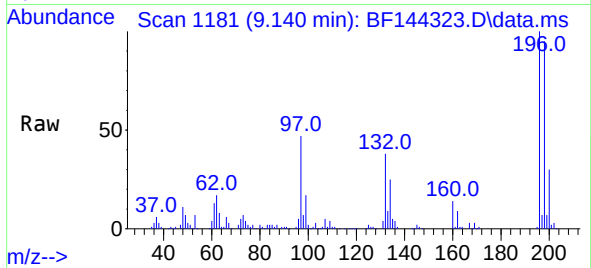
Tgt Ion:330 Resp: 241615
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 21.1 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.159 ng
RT: 9.140 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

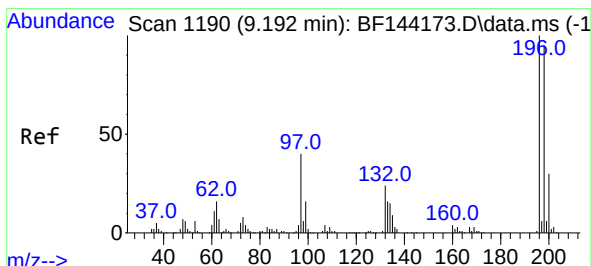
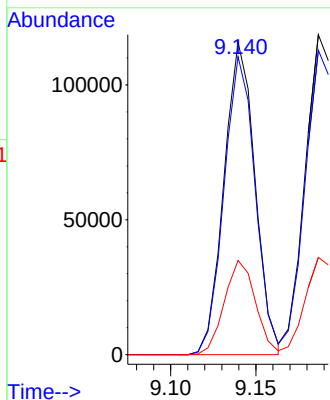
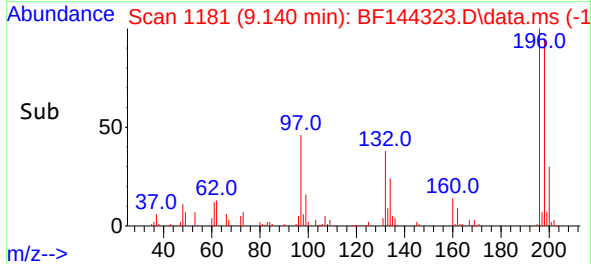
Instrument :
BNA_F
ClientSampleId :
PB170706BS



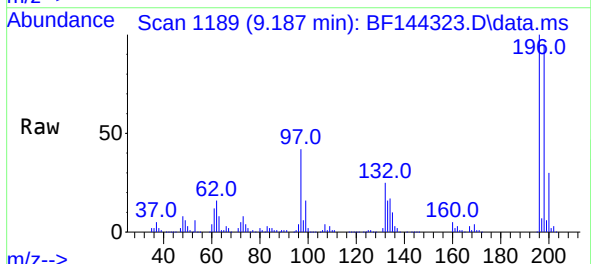
Tgt Ion:196 Resp: 14715
Ion Ratio Lower Upper
196 100
198 95.3 75.3 112.9
200 30.1 23.4 35.2

Manual Integrations
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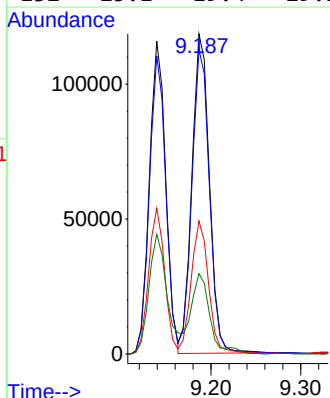
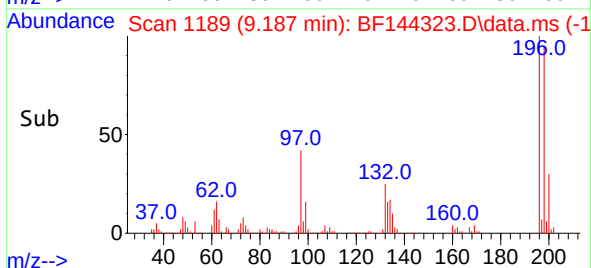
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

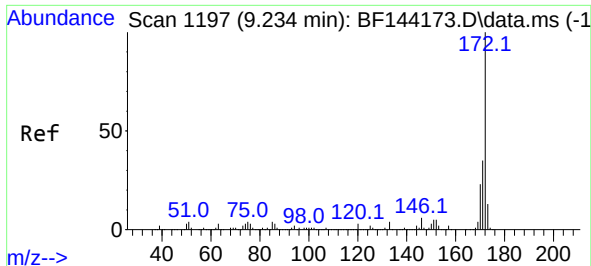


#44
2,4,5-Trichlorophenol
Concen: 41.690 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:196 Resp: 160642
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 41.6 31.9 47.9
132 25.1 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 74.181 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

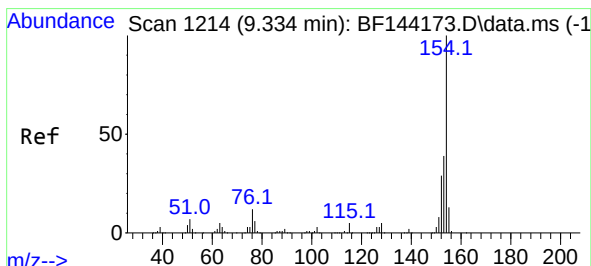
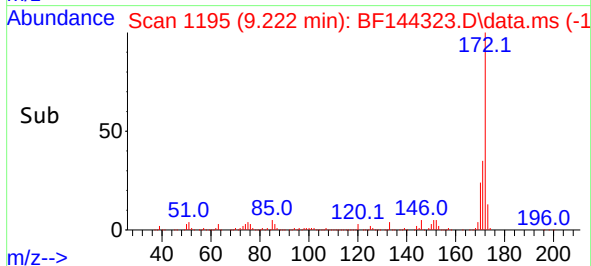
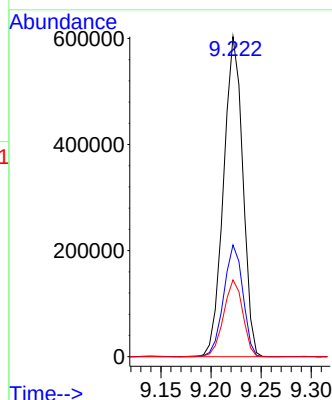
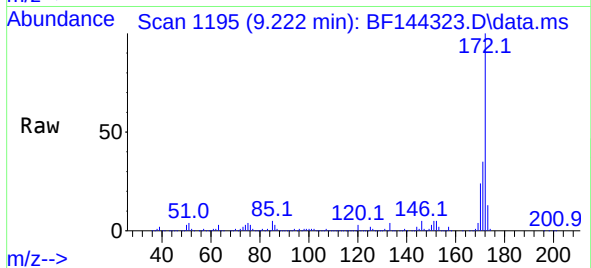
PB170706BS

Tgt Ion:172 Resp: 805014
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 24.0 18.6 28.0

Manual Integrations

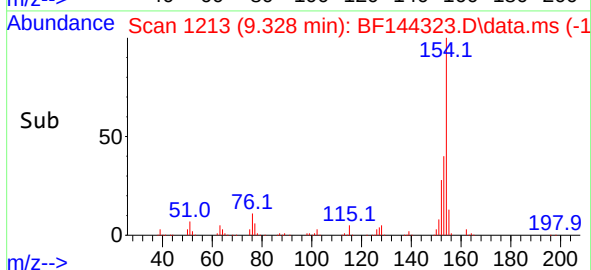
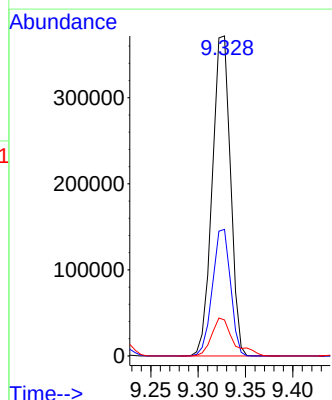
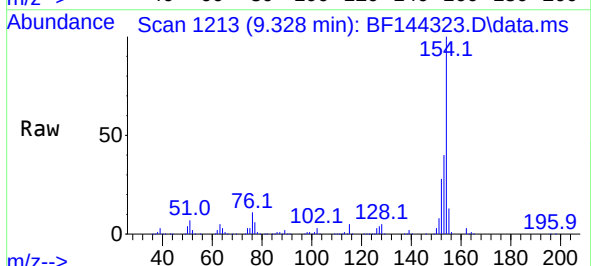
APPROVED

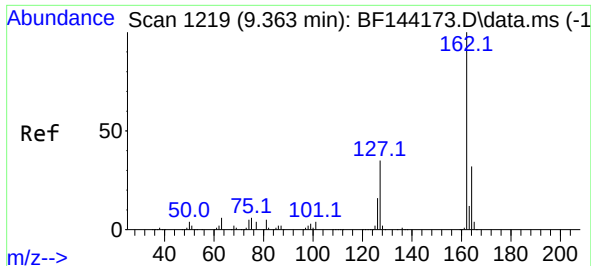
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#46
1,1'-Biphenyl
Concen: 44.435 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:154 Resp: 497132
Ion Ratio Lower Upper
154 100
153 39.5 19.2 59.2
76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.632 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

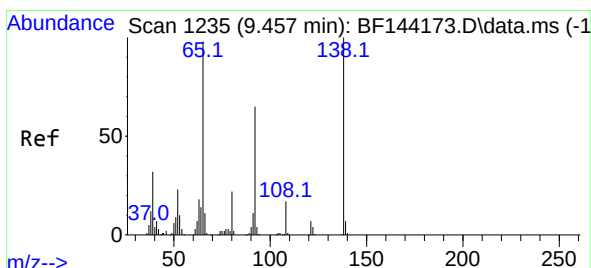
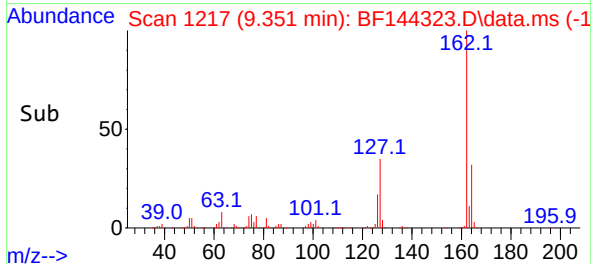
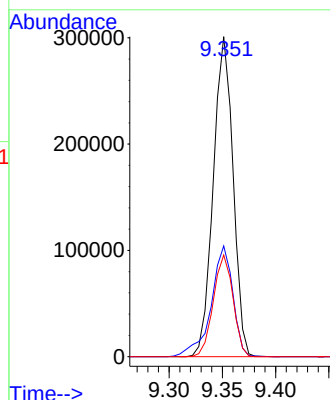
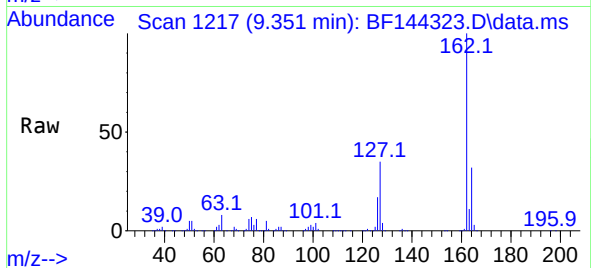
PB170706BS

Tgt Ion:162 Resp: 38777
 Ion Ratio Lower Upper
 162 100
 127 34.6 28.8 43.2
 164 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025



#48

2-Nitroaniline

Concen: 44.752 ng

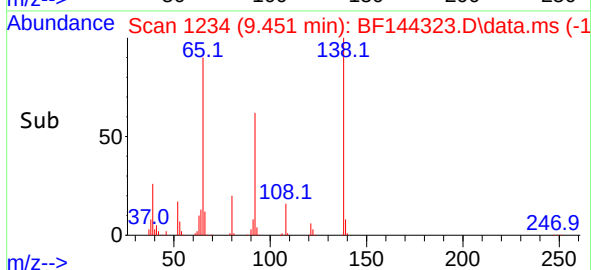
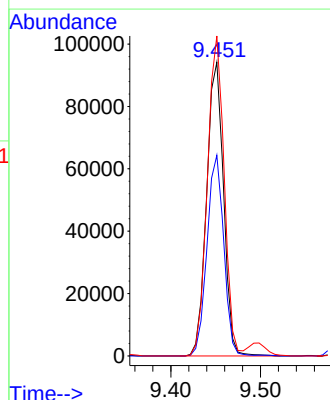
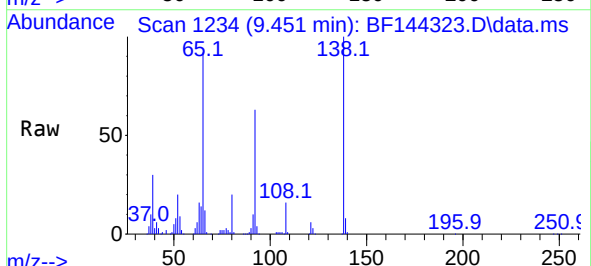
RT: 9.451 min Scan# 1234

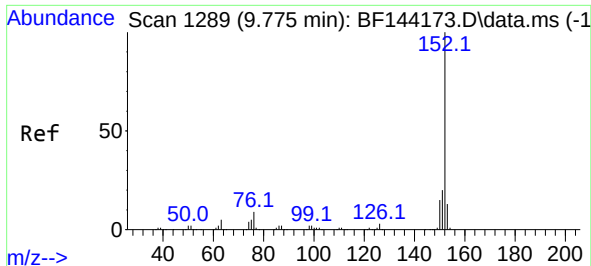
Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

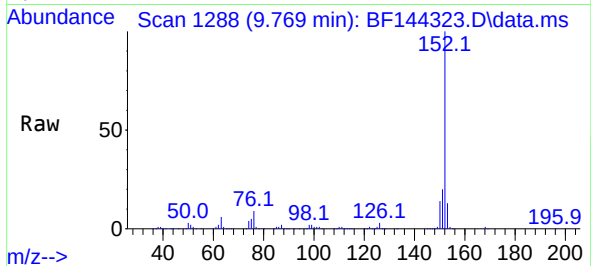
Tgt Ion: 65 Resp: 123229
 Ion Ratio Lower Upper
 65 100
 92 68.3 53.0 79.6
 138 108.9 81.6 122.4





#49
Acenaphthylene
Concen: 46.233 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

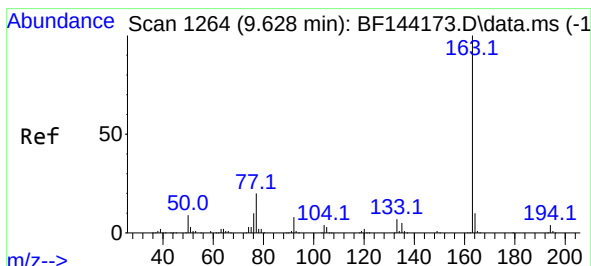
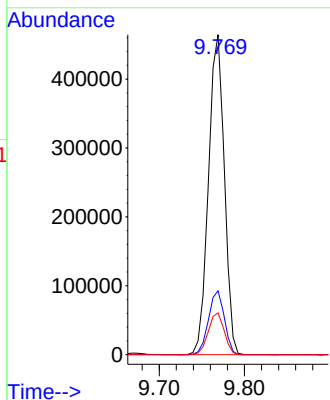
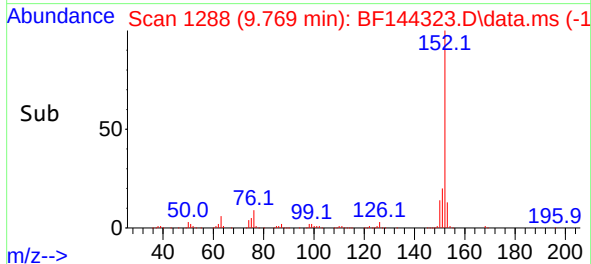
Instrument :
BNA_F
ClientSampleId :
PB170706BS



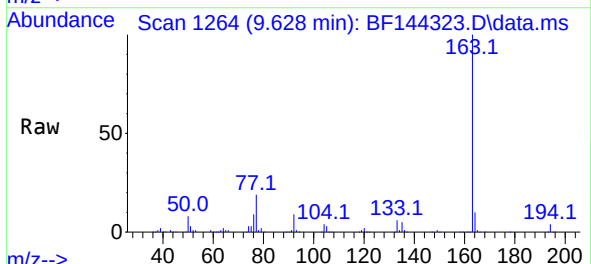
Tgt Ion:152 Resp: 601260
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.5 15.7

Manual Integrations
APPROVED

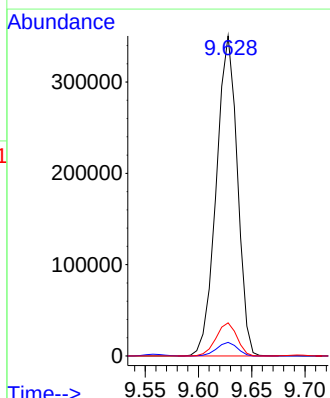
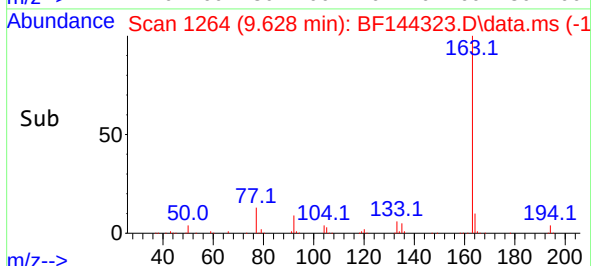
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

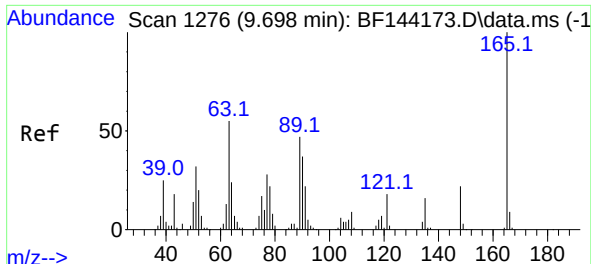


#50
Dimethylphthalate
Concen: 45.306 ng
RT: 9.628 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:163 Resp: 481064
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.914 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

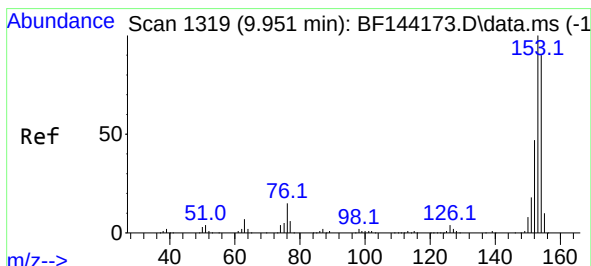
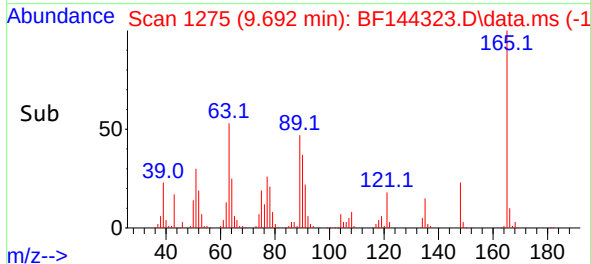
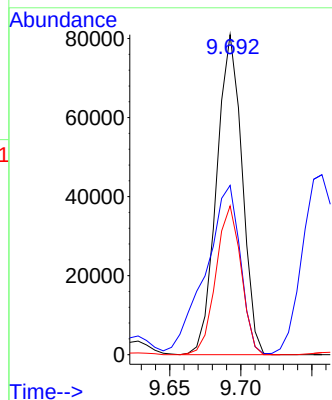
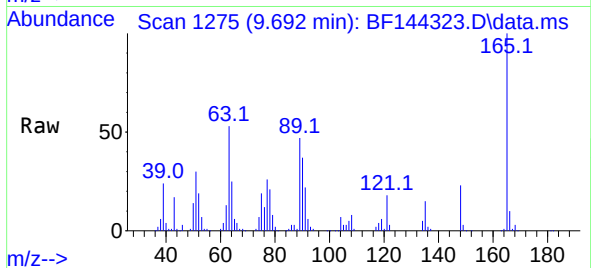
PB170706BS

Tgt Ion:165 Resp: 100840
Ion Ratio Lower Upper
165 100
63 52.9 43.8 65.8
89 46.5 37.5 56.3

Manual Integrations

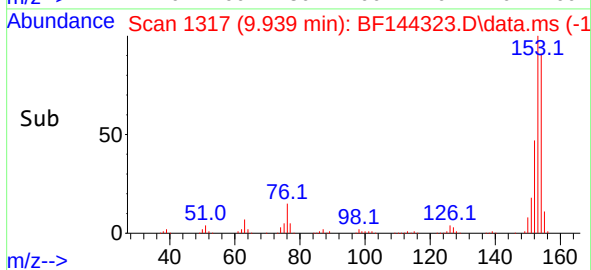
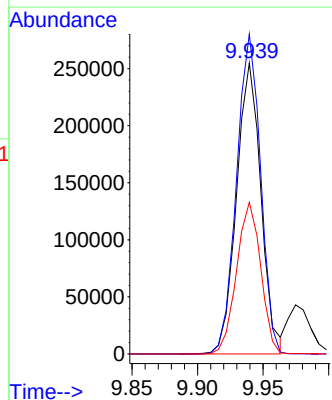
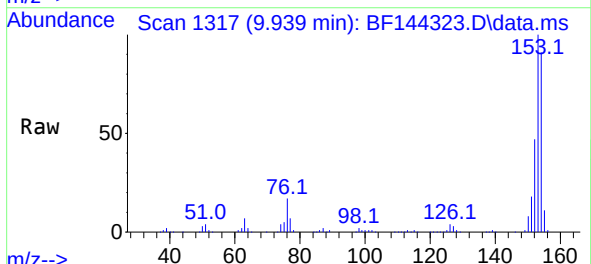
APPROVED

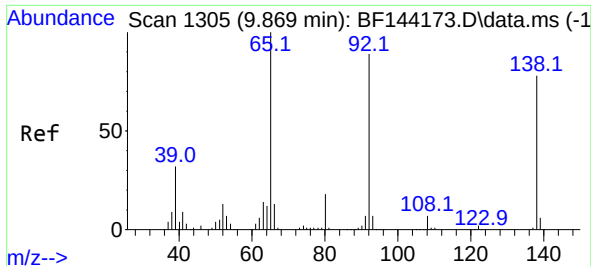
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#52
Acenaphthene
Concen: 38.039 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:154 Resp: 330809
Ion Ratio Lower Upper
154 100
153 110.0 89.0 133.4
152 52.1 42.2 63.4





#53
3-Nitroaniline
Concen: 36.342 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

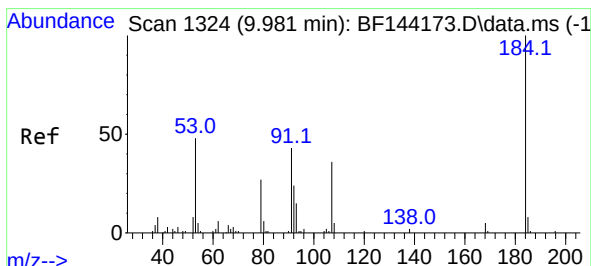
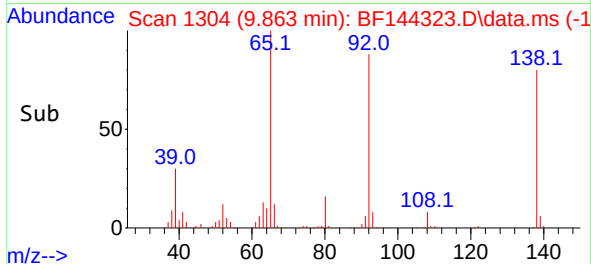
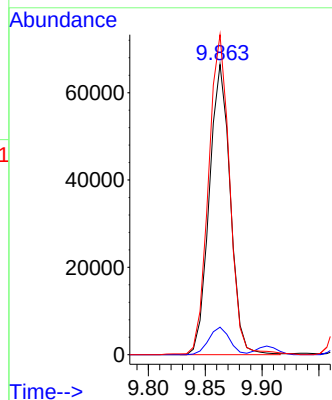
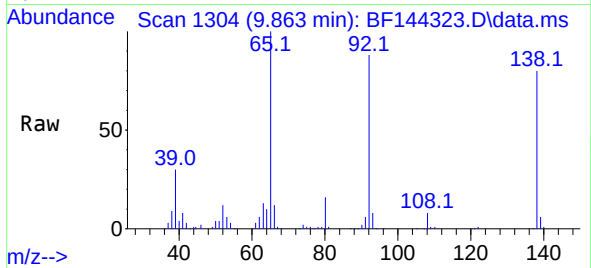
PB170706BS

Tgt Ion:138 Resp: 8539
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 110.3 91.8 137.6

Manual Integrations

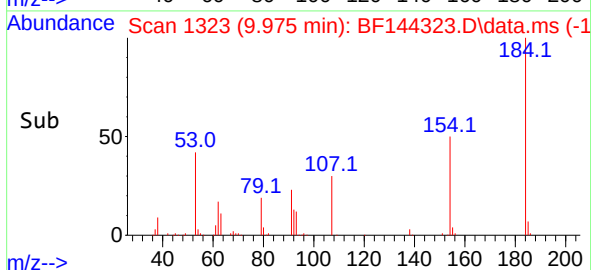
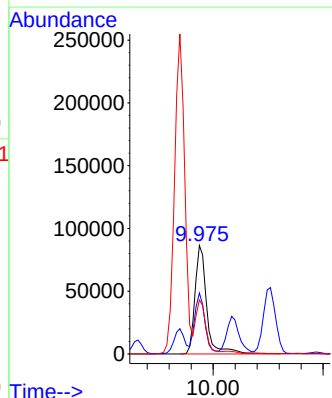
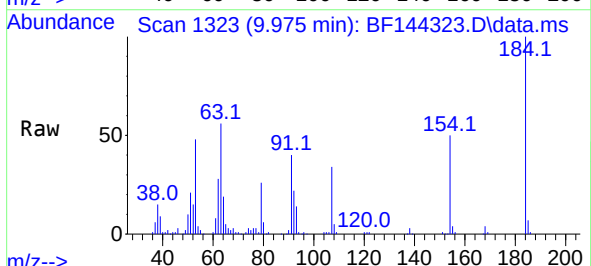
APPROVED

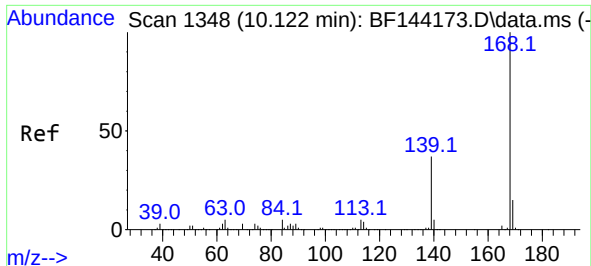
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#54
2,4-Dinitrophenol
Concen: 99.652 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

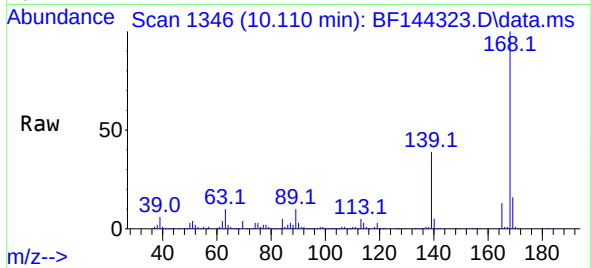
Tgt Ion:184 Resp: 129343
Ion Ratio Lower Upper
184 100
63 56.3 44.0 66.0
154 49.8 42.4 63.6





#55
Dibenzenofuran
Concen: 40.122 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

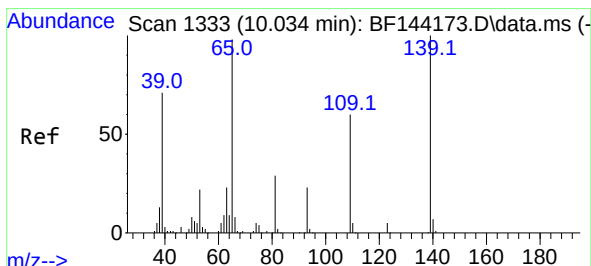
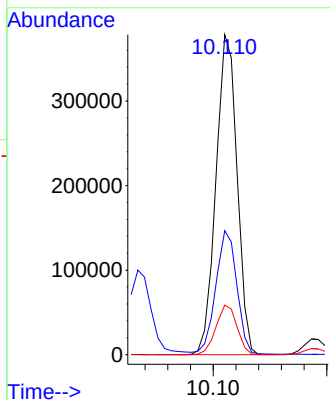
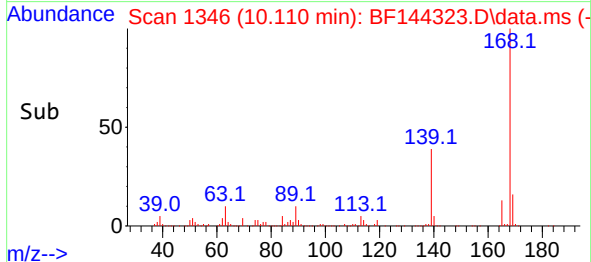
Instrument :
BNA_F
ClientSampleId :
PB170706BS



Tgt Ion:168 Resp: 488688
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 15.5 12.2 18.4

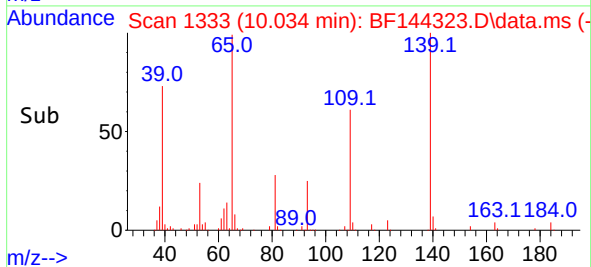
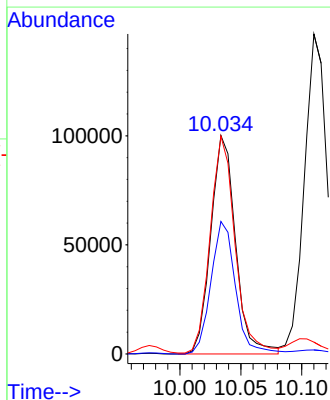
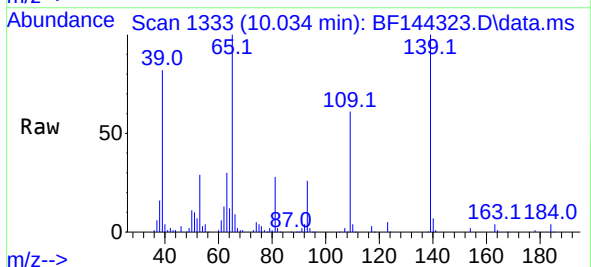
Manual Integrations
APPROVED

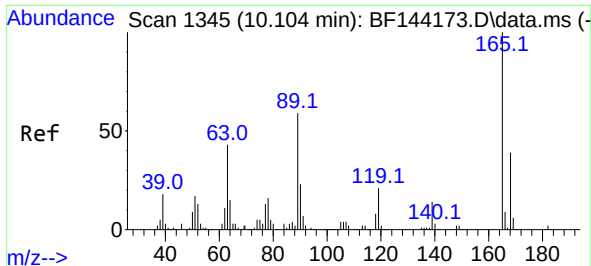
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#56
4-Nitrophenol
Concen: 83.533 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:139 Resp: 141979
Ion Ratio Lower Upper
139 100
109 60.6 39.9 79.9
65 99.7 79.5 119.5





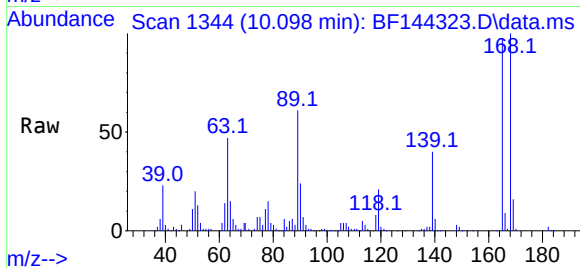
#57
2,4-Dinitrotoluene
Concen: 46.211 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

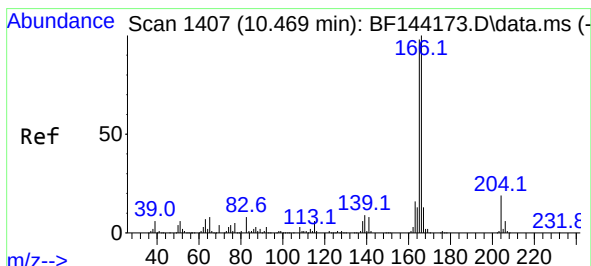
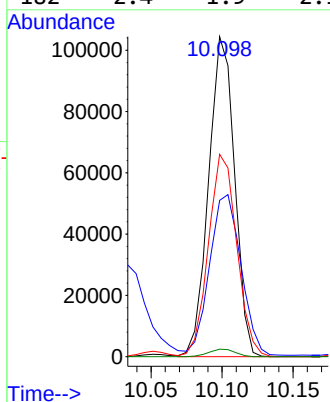
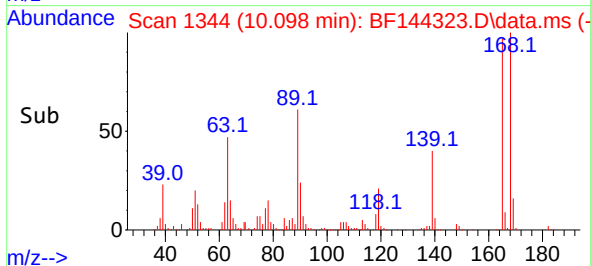


Tgt Ion:165 Resp: 132970
Ion Ratio Lower Upper
165 100
63 48.9 35.5 53.3
89 63.3 47.4 71.2
182 2.4 1.9 2.9

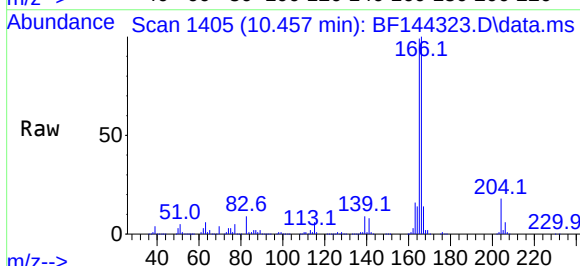
Manual Integrations

APPROVED

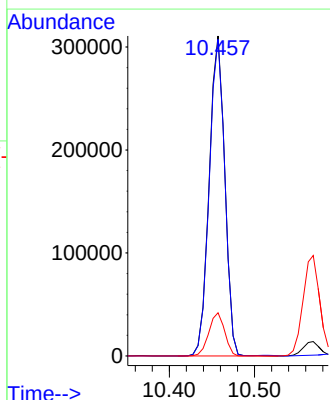
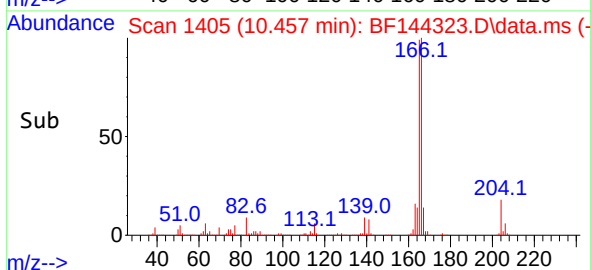
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

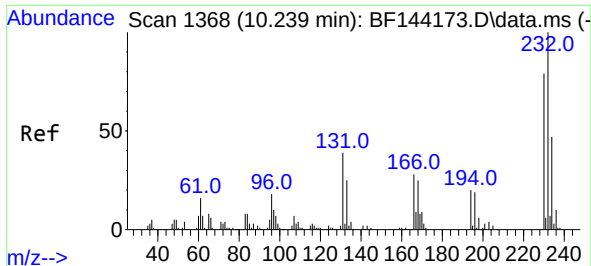


#58
Fluorene
Concen: 42.569 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



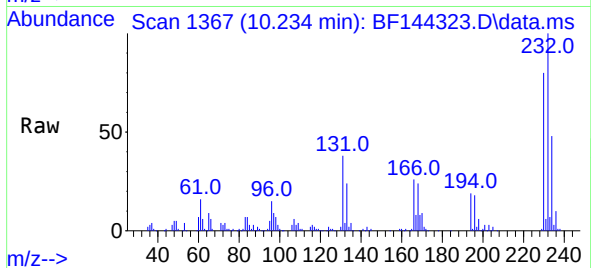
Tgt Ion:166 Resp: 394214
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.352 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

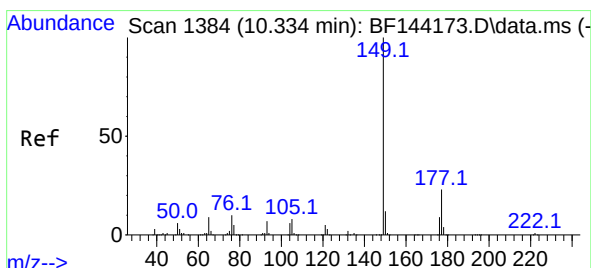
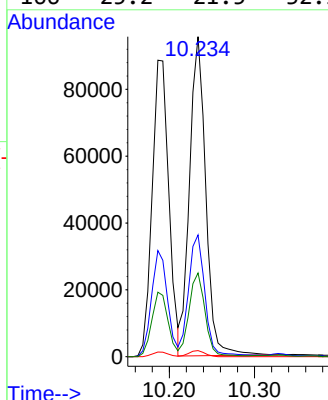
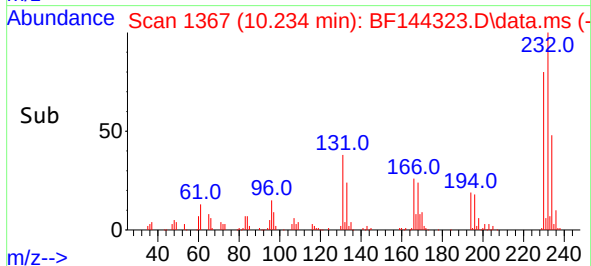
Instrument :
BNA_F
ClientSampleId :
PB170706BS



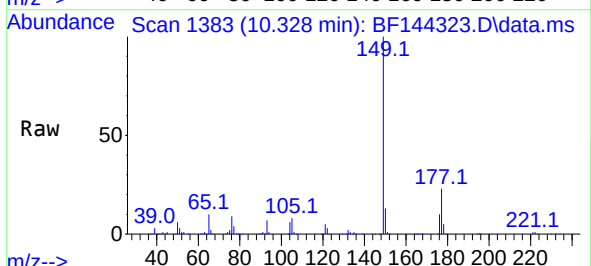
Tgt Ion:232 Resp: 12636
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.9 1.2 1.8
166 25.2 21.5 32.3

Manual Integrations
APPROVED

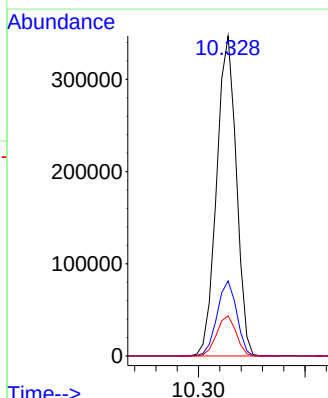
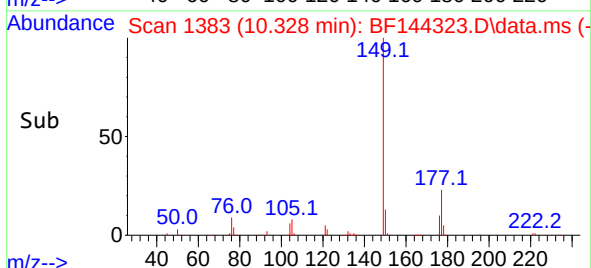
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

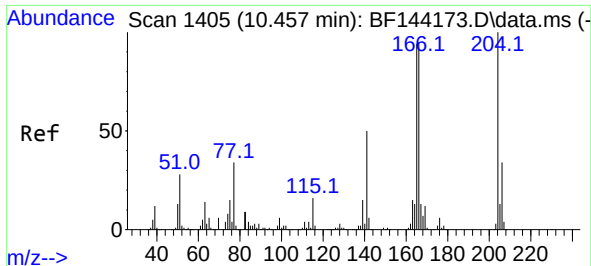


#60
Diethylphthalate
Concen: 45.409 ng
RT: 10.328 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



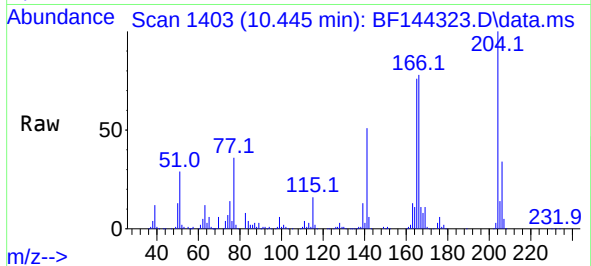
Tgt Ion:149 Resp: 444471
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.569 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

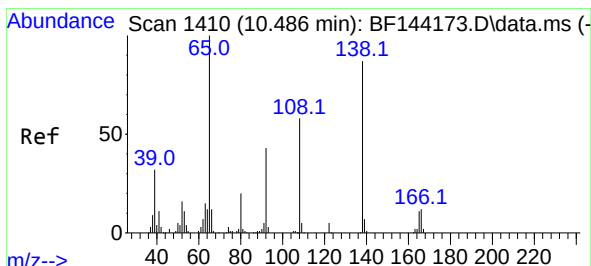
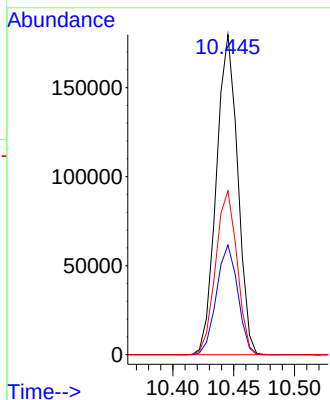
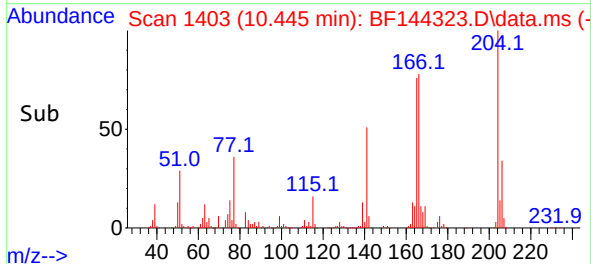
Instrument :
BNA_F
ClientSampleId :
PB170706BS



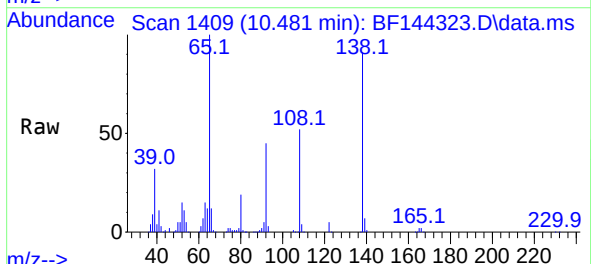
Tgt Ion:204 Resp: 219278
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.2 40.0 60.0

Manual Integrations
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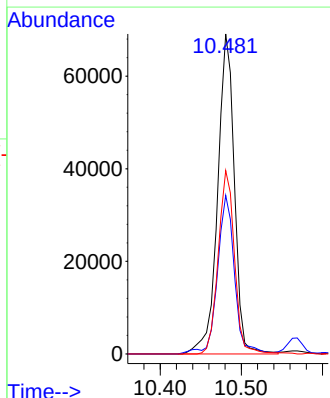
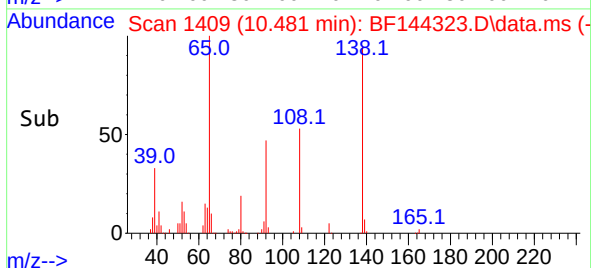
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

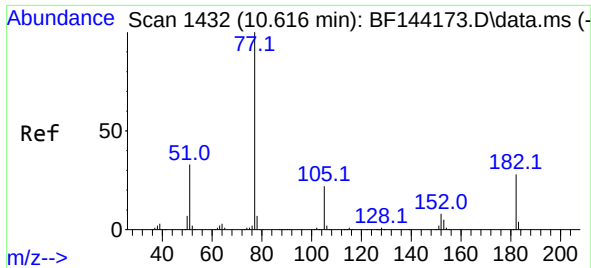


#62
4-Nitroaniline
Concen: 44.443 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:138 Resp: 99448
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 57.3 46.4 86.4





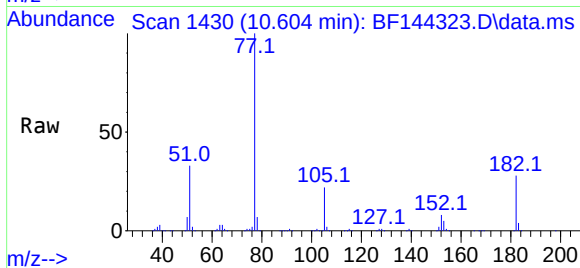
#63
Azobenzene
Concen: 46.574 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

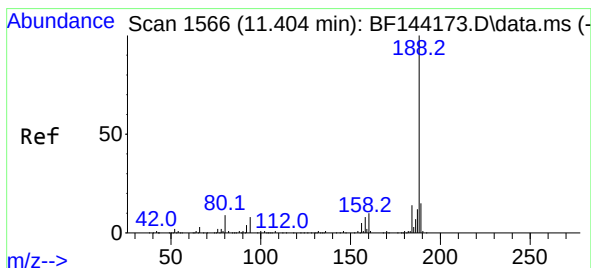
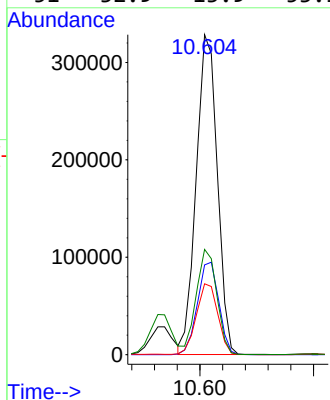
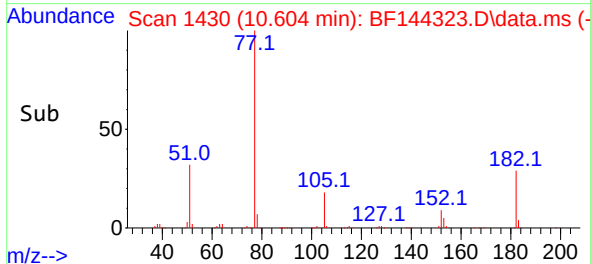


Tgt Ion: 77 Resp: 424270
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.2 2.0 42.0
51 32.9 13.9 53.9

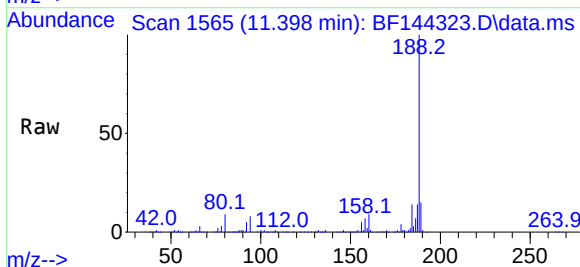
Manual Integrations

APPROVED

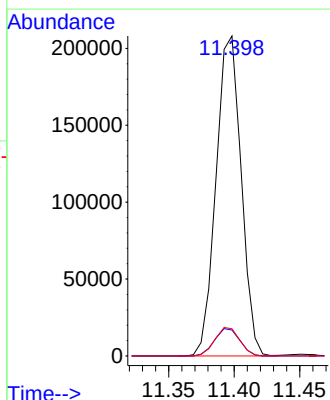
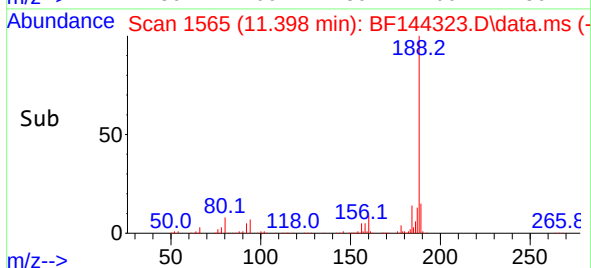
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

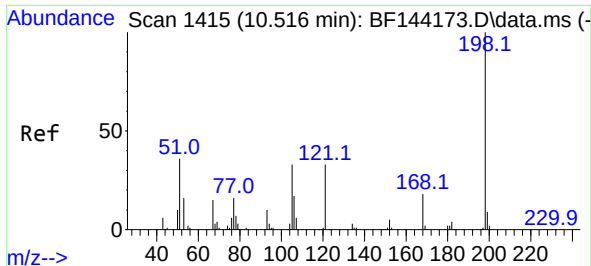


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:188 Resp: 277232
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 8.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.164 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

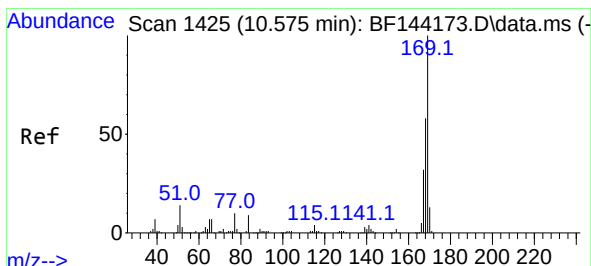
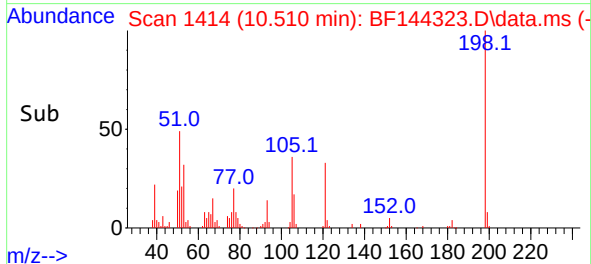
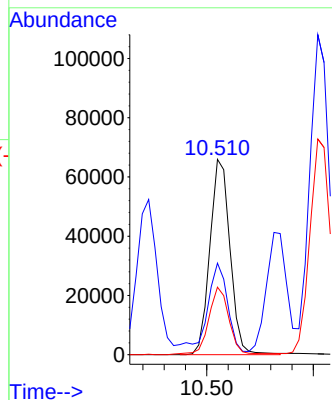
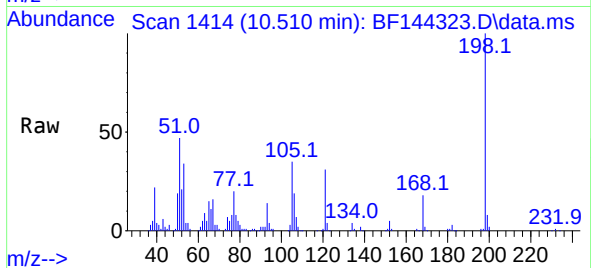
PB170706BS

Tgt Ion:198 Resp: 8694
Ion Ratio Lower Upper
198 100
51 46.9 25.6 65.6
105 34.5 14.6 54.6

Manual Integrations

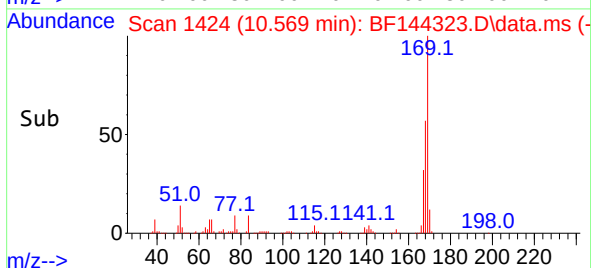
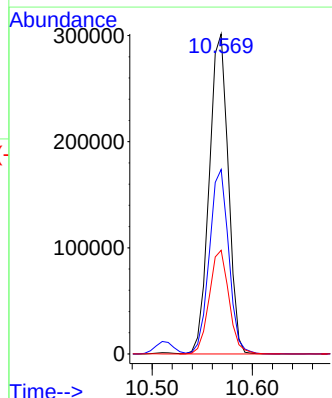
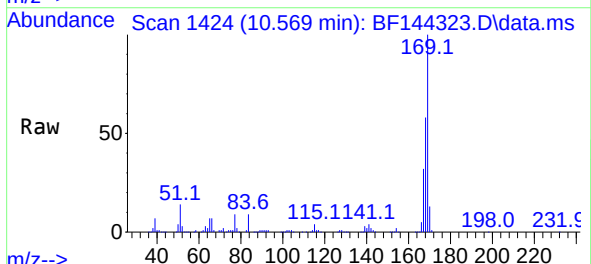
APPROVED

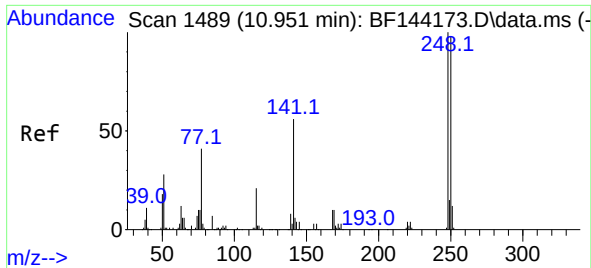
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#66
n-Nitrosodiphenylamine
Concen: 44.672 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:169 Resp: 398321
Ion Ratio Lower Upper
169 100
168 57.6 46.2 69.2
167 32.4 25.7 38.5





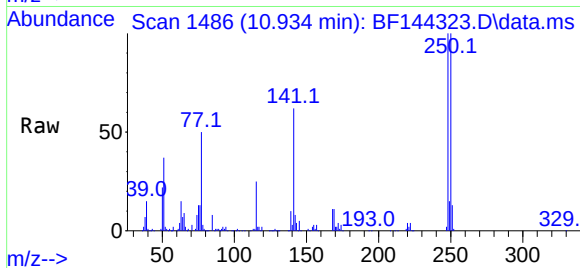
#67
4-Bromophenyl-phenylether
Concen: 41.541 ng
RT: 10.934 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

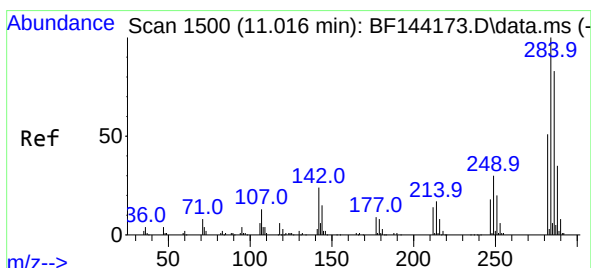
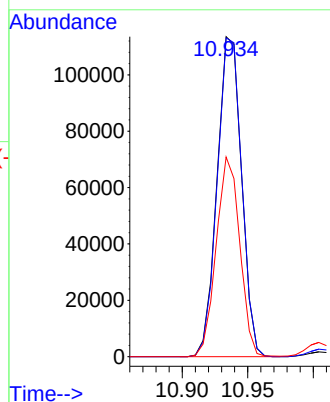
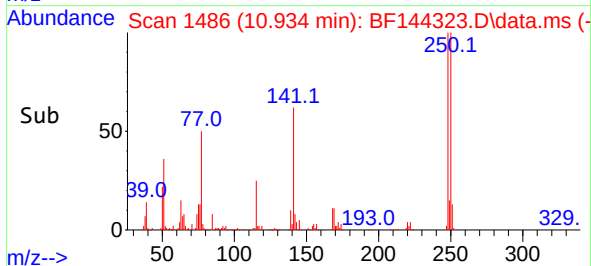


Tgt Ion:248 Resp: 146997
Ion Ratio Lower Upper
248 100
250 99.6 78.4 117.6
141 62.4 45.1 67.7

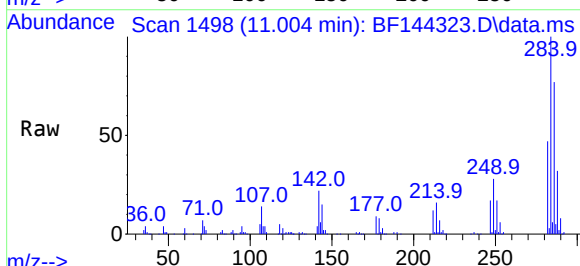
Manual Integrations

APPROVED

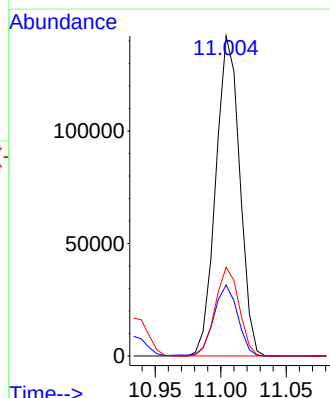
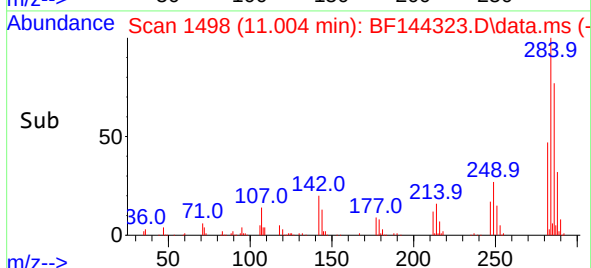
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

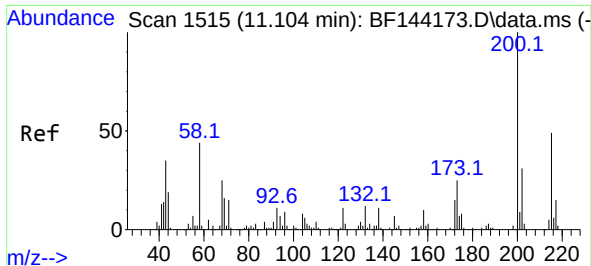


#68
Hexachlorobenzene
Concen: 43.246 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



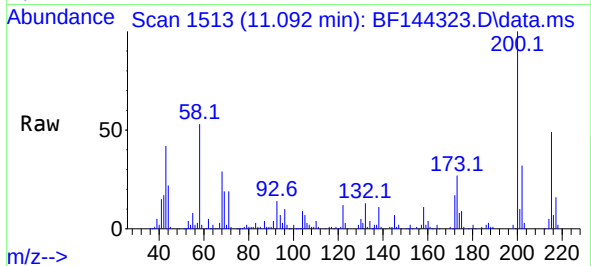
Tgt Ion:284 Resp: 180248
Ion Ratio Lower Upper
284 100
142 22.1 19.2 28.8
249 27.7 23.8 35.8





#69
Atrazine
Concen: 47.036 ng
RT: 11.092 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

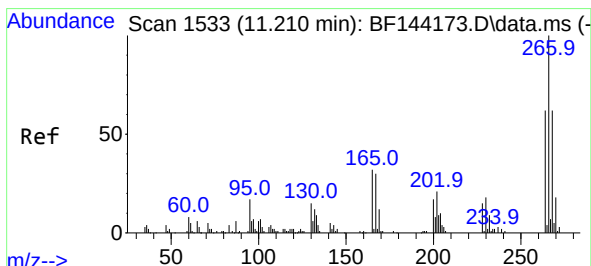
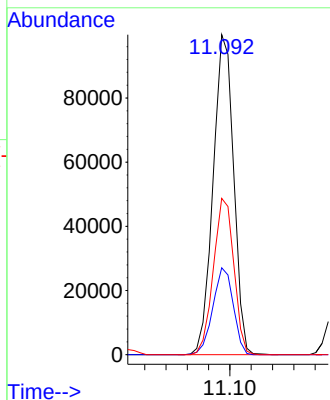
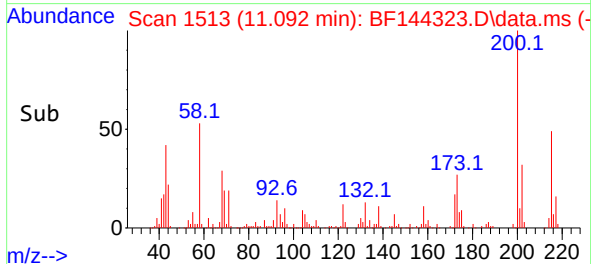
Instrument :
BNA_F
ClientSampleId :
PB170706BS



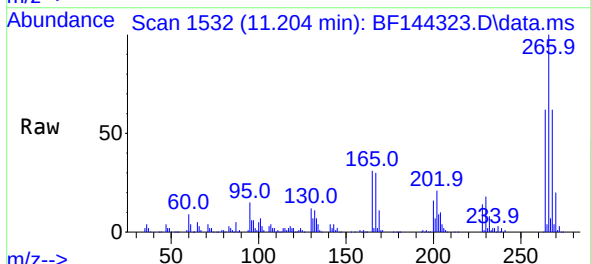
Tgt Ion:200 Resp: 133379
Ion Ratio Lower Upper
200 100
173 27.1 5.0 45.0
215 48.8 28.7 68.7

Manual Integrations
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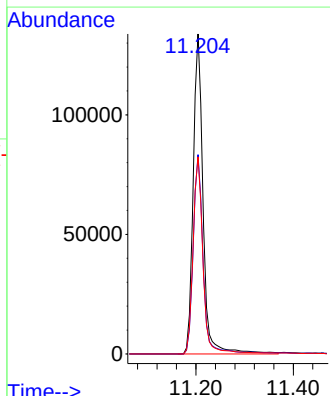
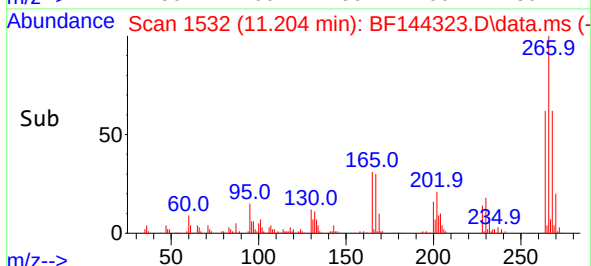
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

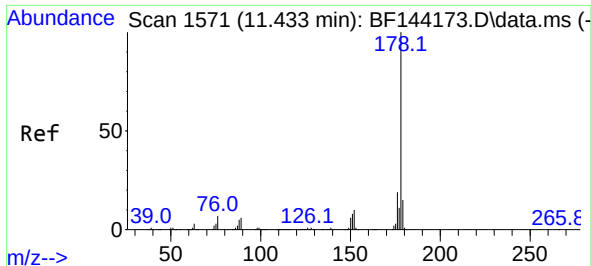


#70
Pentachlorophenol
Concen: 91.557 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:266 Resp: 190028
Ion Ratio Lower Upper
266 100
268 62.3 49.5 74.3
264 61.6 49.4 74.2





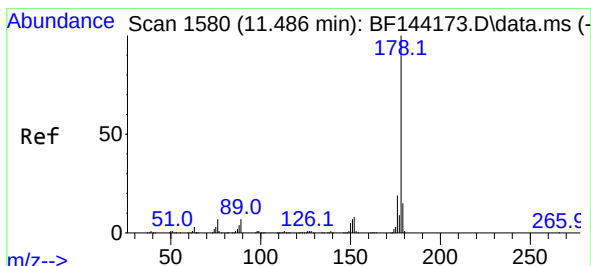
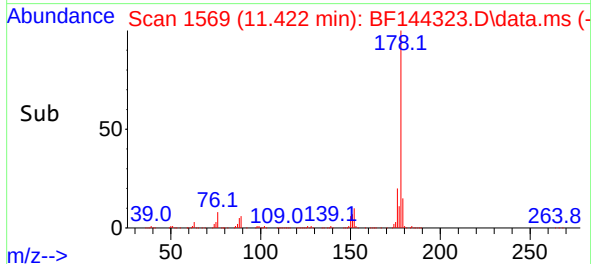
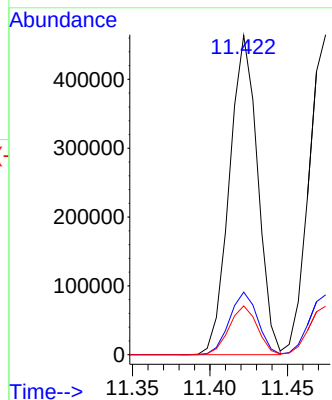
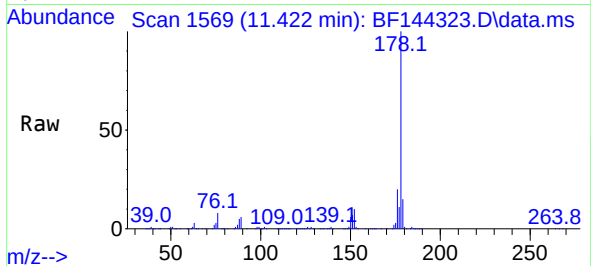
#71
Phenanthrene
Concen: 42.526 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion:178 Resp: 586979
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.2 18.4

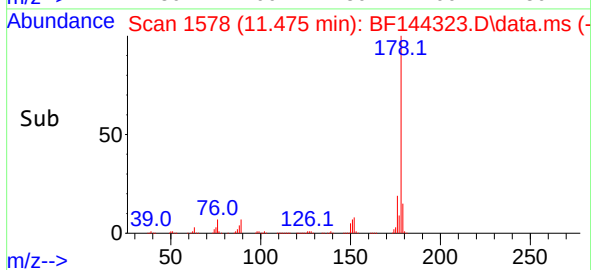
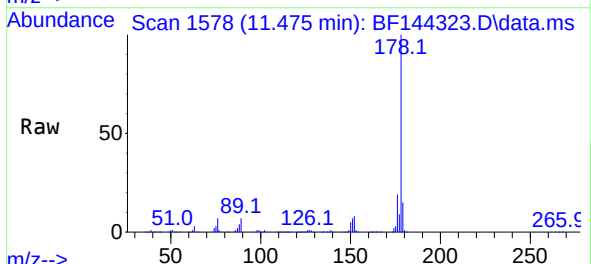
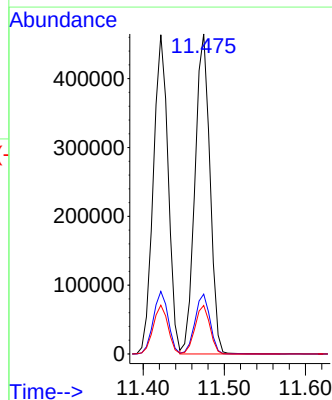
Manual Integrations
APPROVED

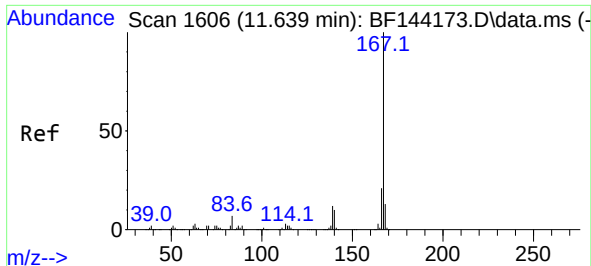
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#72
Anthracene
Concen: 42.488 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

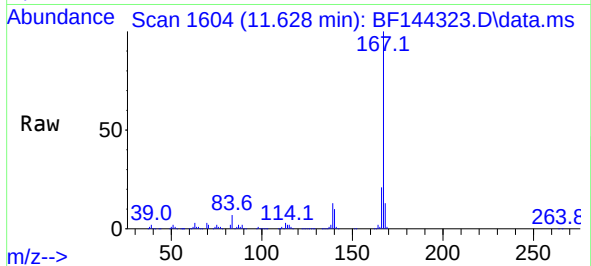
Tgt Ion:178 Resp: 596334
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.2 12.0 18.0





#73
 Carbazole
 Concen: 42.774 ng
 RT: 11.628 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

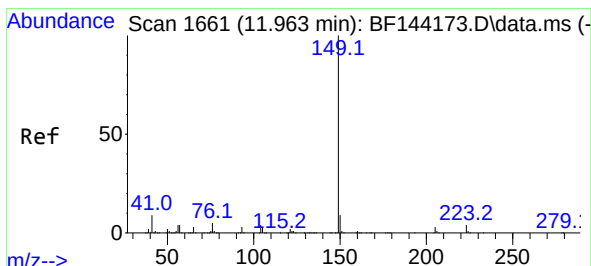
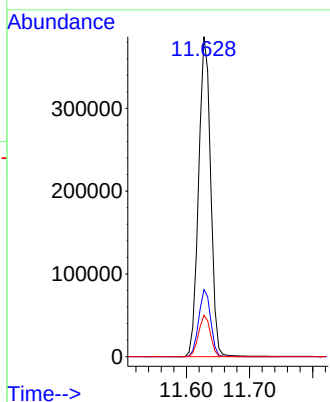
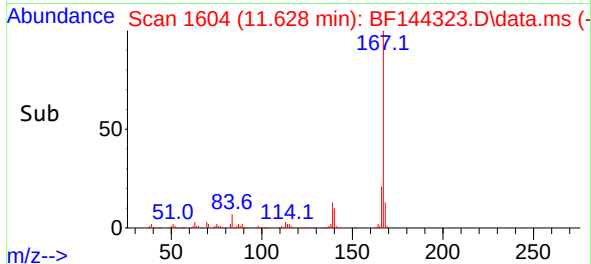
Instrument :
 BNA_F
 ClientSampleId :
 PB170706BS



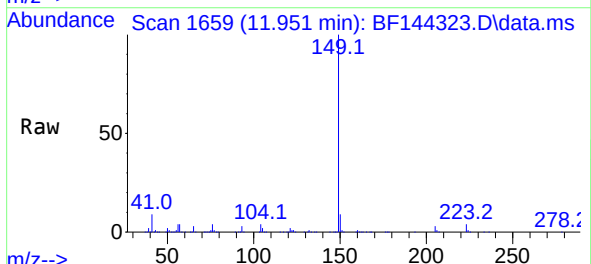
Tgt Ion:167 Resp: 510489
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.9 9.9 14.9

Manual Integrations
 APPROVED

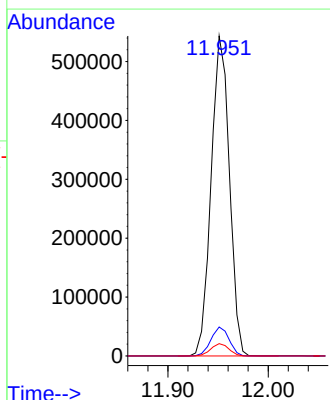
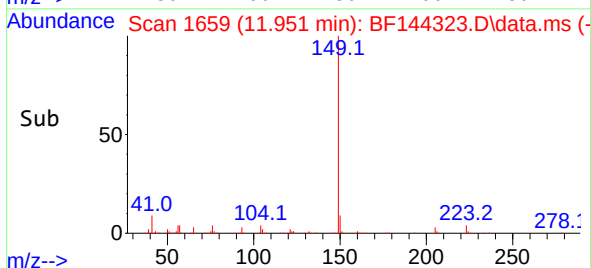
Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

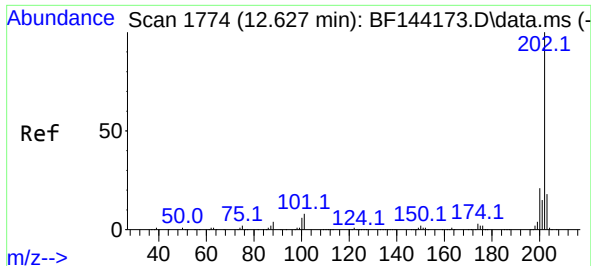


#74
 Di-n-butylphthalate
 Concen: 47.686 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40



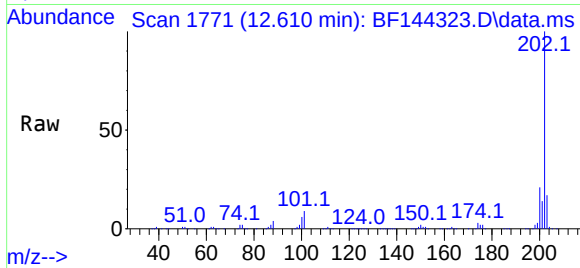
Tgt Ion:149 Resp: 688000
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 41.342 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

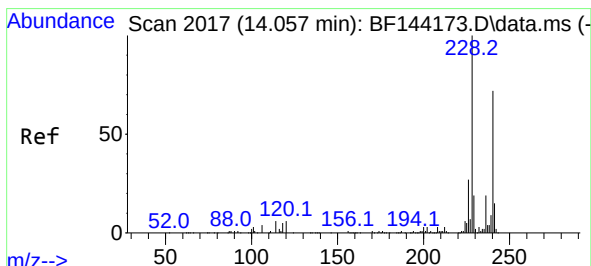
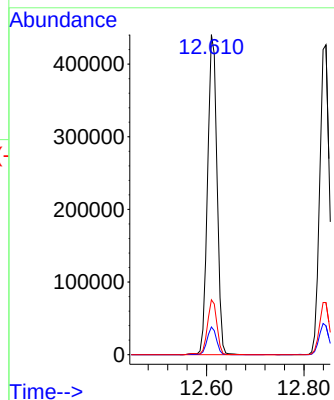
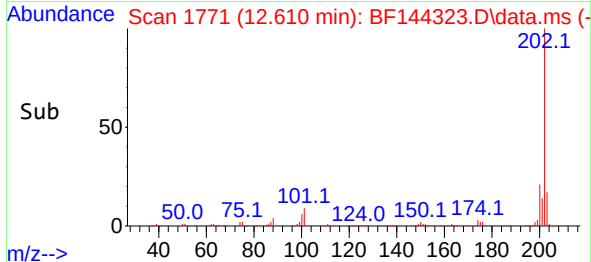
Instrument :
BNA_F
ClientSampleId :
PB170706BS



Tgt Ion:202 Resp: 589480
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.9
203 17.1 0.0 37.5

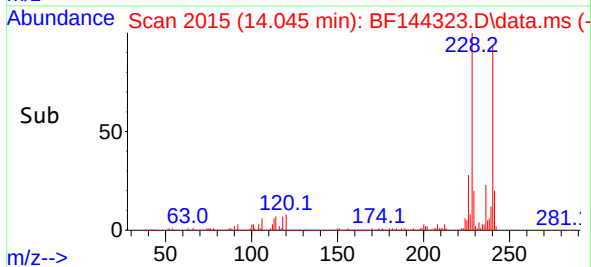
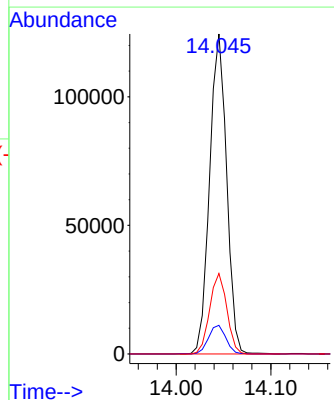
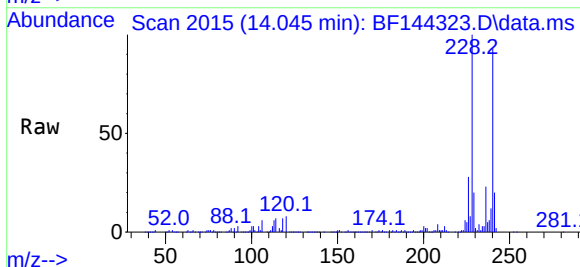
Manual Integrations
APPROVED

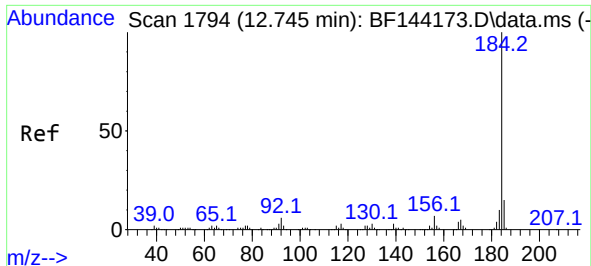
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

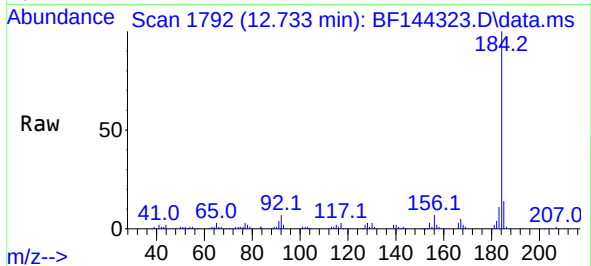
Tgt Ion:240 Resp: 155486
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.1 21.4 32.2





#77
Benzidine
Concen: 15.543 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.017 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

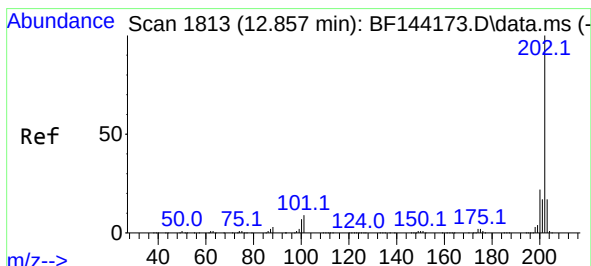
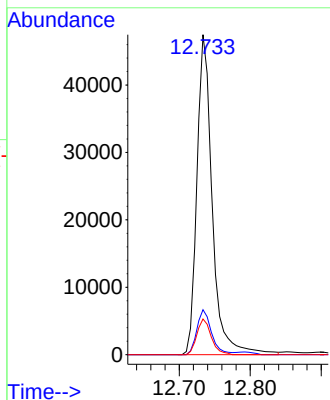
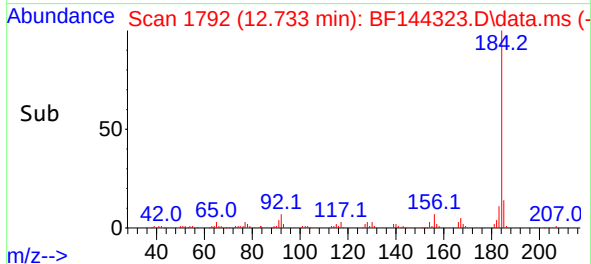
Instrument :
BNA_F
ClientSampleId :
PB170706BS



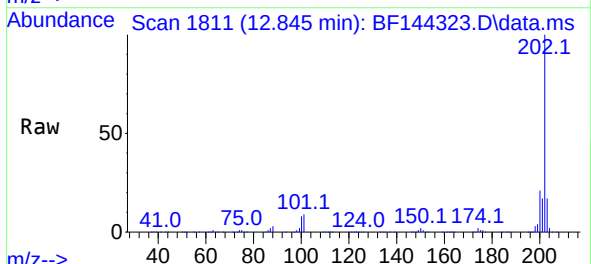
Tgt Ion:184 Resp: 7148
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 8.3 12.5

Manual Integrations
APPROVED

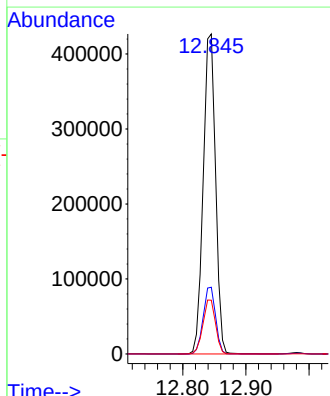
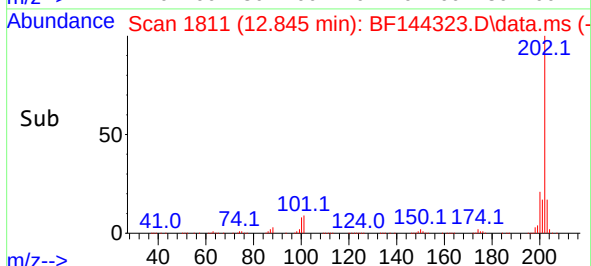
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

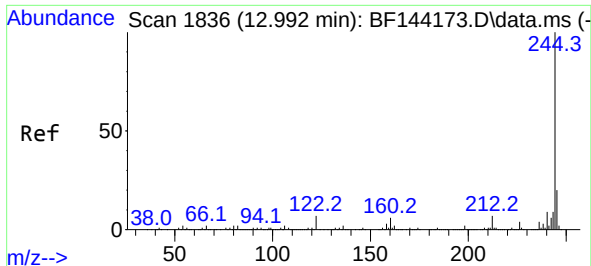


#78
Pyrene
Concen: 46.262 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:202 Resp: 579970
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 16.8 13.7 20.5





#79
 Terphenyl-d14
 Concen: 88.103 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

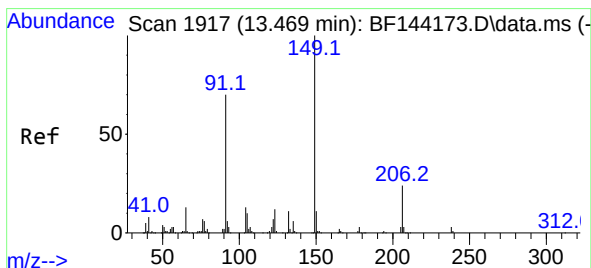
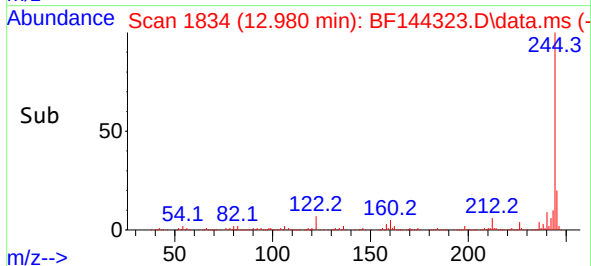
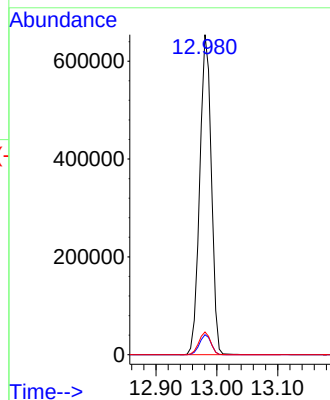
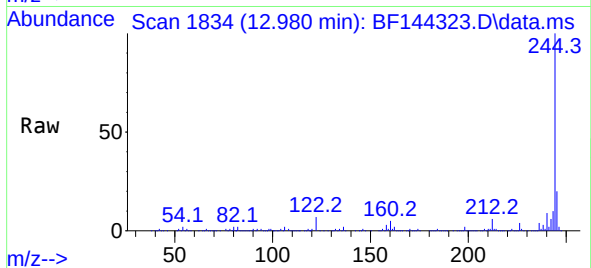
PB170706BS

Tgt Ion:244 Resp: 862419
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.1 5.6 8.4

Manual Integrations

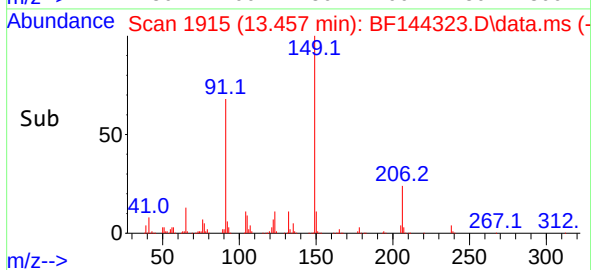
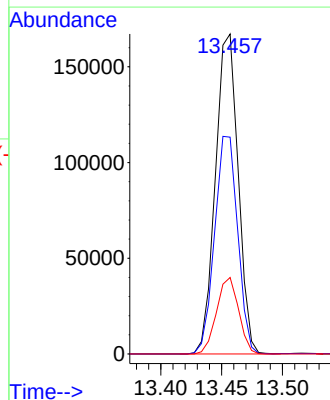
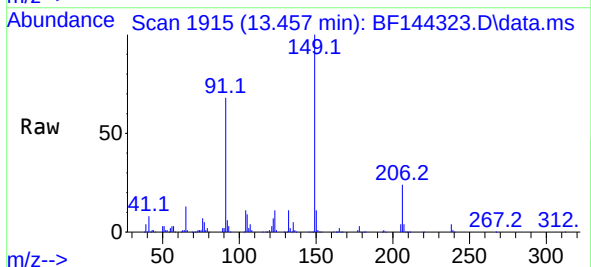
APPROVED

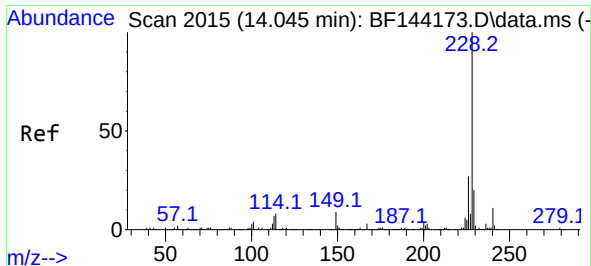
Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025



#80
 Butylbenzylphthalate
 Concen: 50.095 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

Tgt Ion:149 Resp: 217666
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.1 84.1
 206 23.9 18.8 28.2





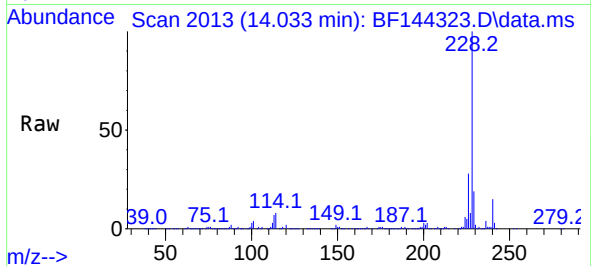
#81
Benzo(a)anthracene
Concen: 44.074 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

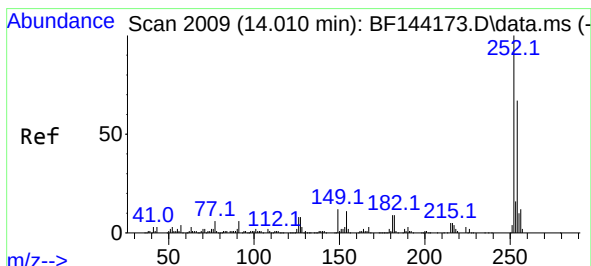
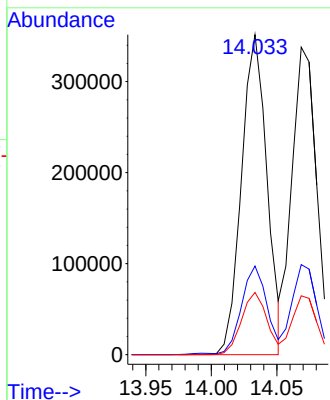
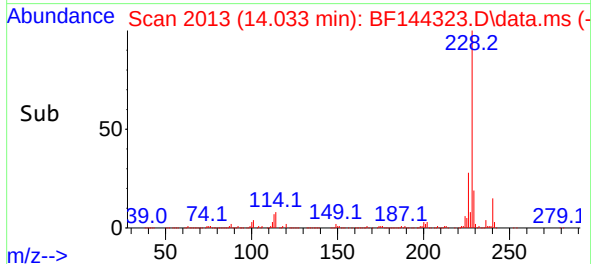


Tgt Ion:228 Resp: 47495
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.4 15.8 23.6

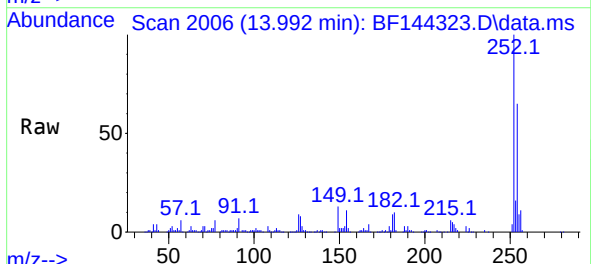
Manual Integrations

APPROVED

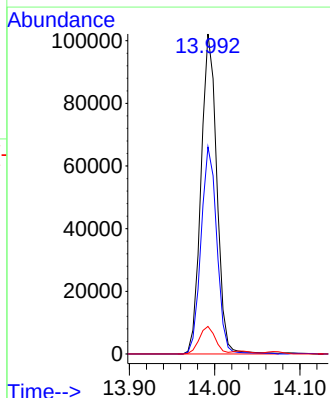
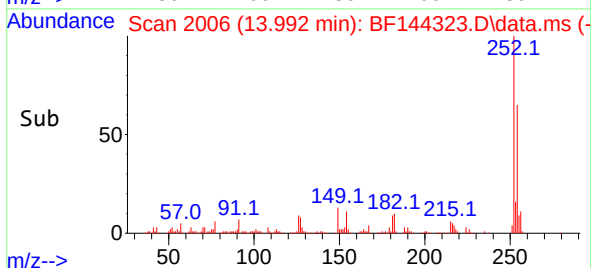
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

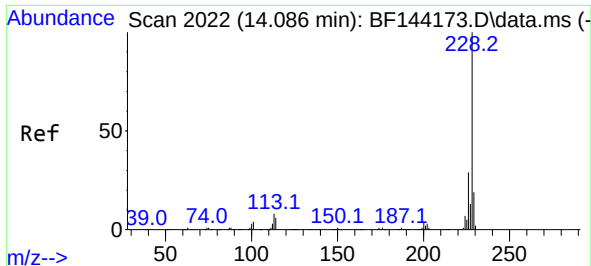


#82
3,3'-Dichlorobenzidine
Concen: 35.575 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



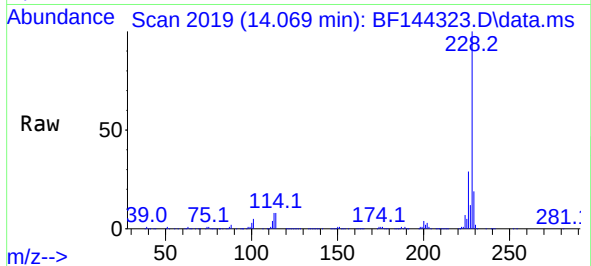
Tgt Ion:252 Resp: 131409
Ion Ratio Lower Upper
252 100
254 64.7 53.5 80.3
126 8.6 6.4 9.6





#83
Chrysene
Concen: 44.196 ng
RT: 14.069 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

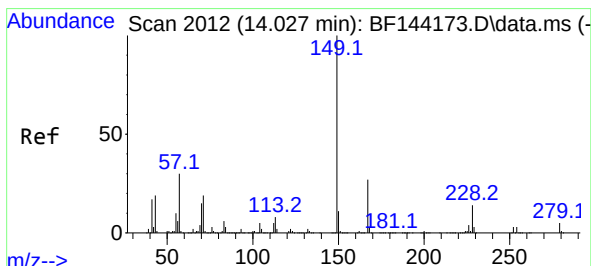
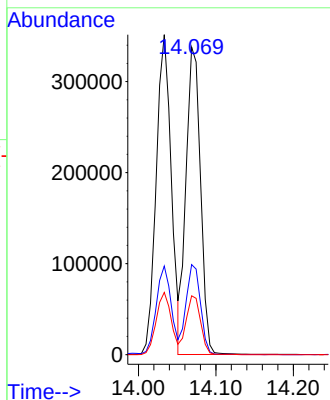
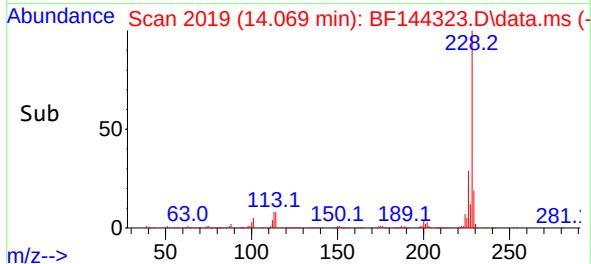
Instrument :
BNA_F
ClientSampleId :
PB170706BS



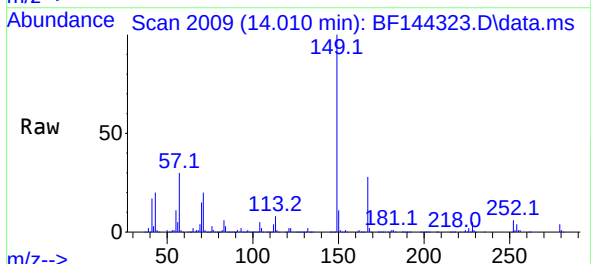
Tgt Ion:228 Resp: 439660
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 19.2 15.0 22.6

Manual Integrations
APPROVED

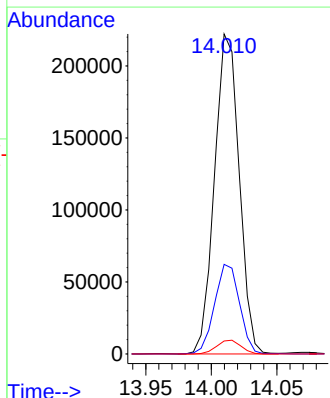
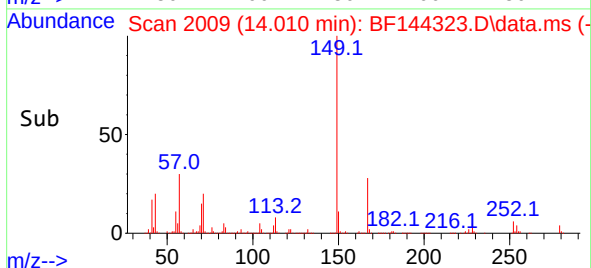
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

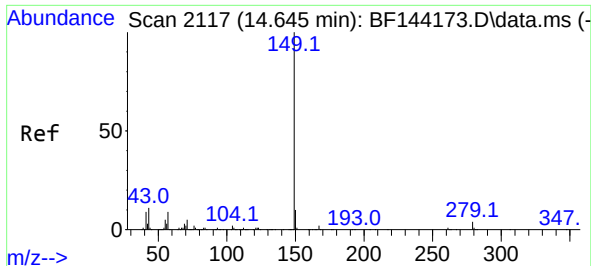


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.832 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:149 Resp: 290458
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.0 3.7 5.5





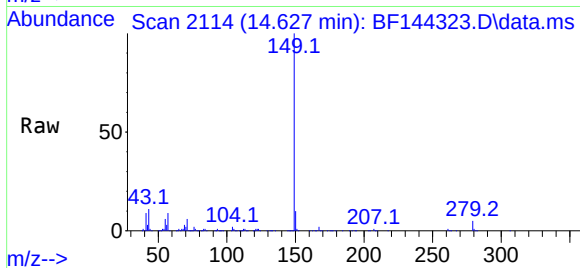
#85
Di-n-octyl phthalate
Concen: 47.912 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.017 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

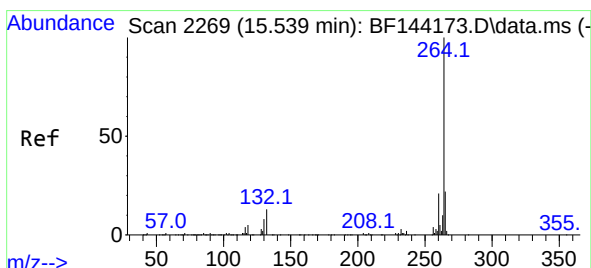
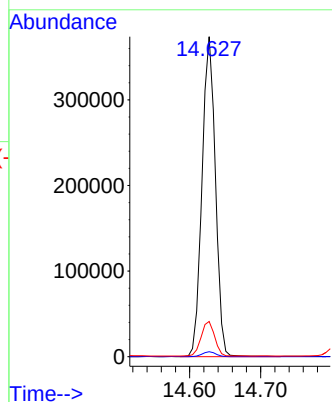
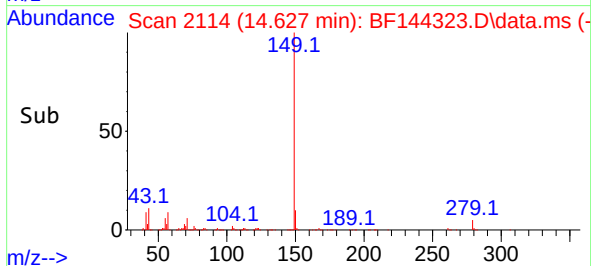


Tgt Ion:149 Resp: 491700
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.0 13.4

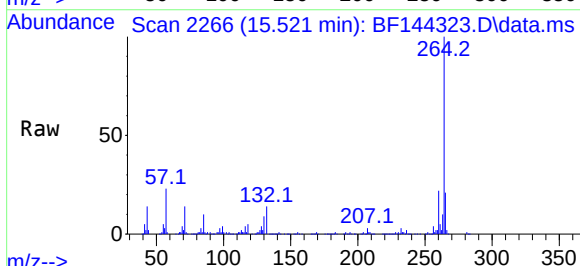
Manual Integrations

APPROVED

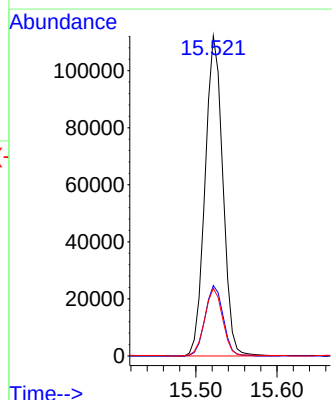
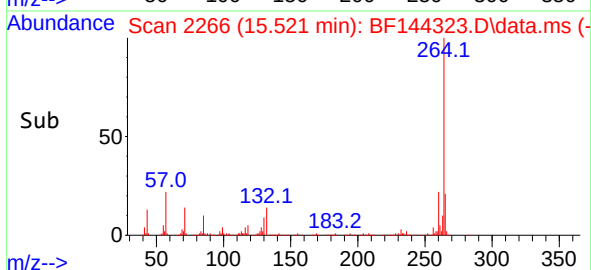
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

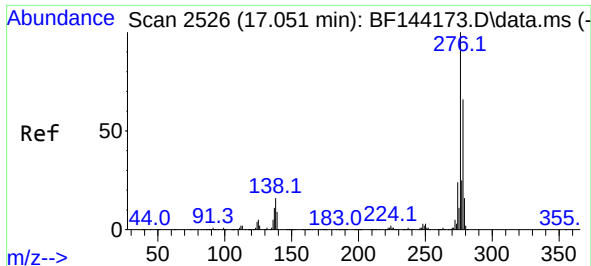


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:264 Resp: 170453
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.415 ng
RT: 17.033 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

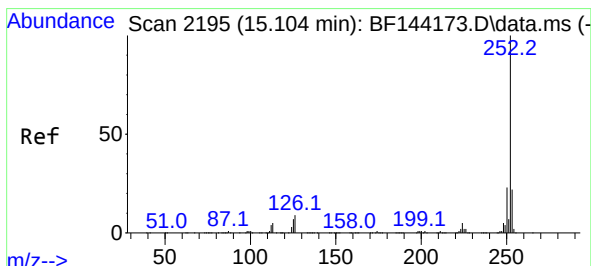
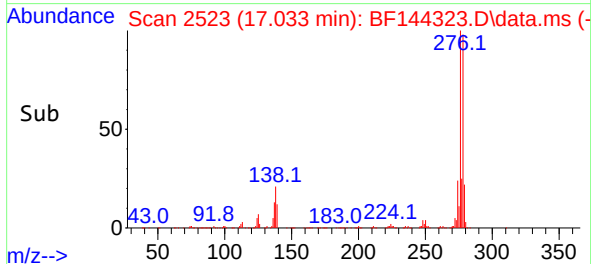
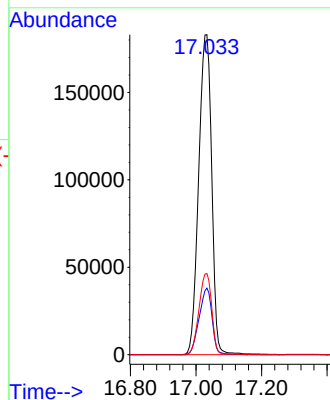
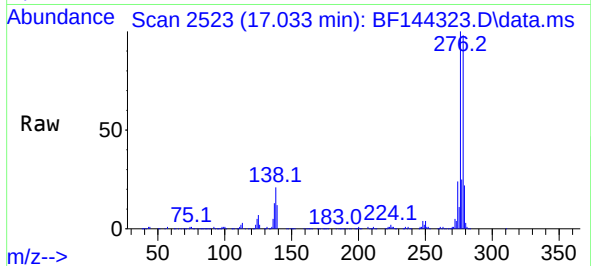
PB170706BS

Tgt Ion:276 Resp: 50675
Ion Ratio Lower Upper
276 100
138 20.5 13.9 20.9
277 24.9 19.8 29.6

Manual Integrations

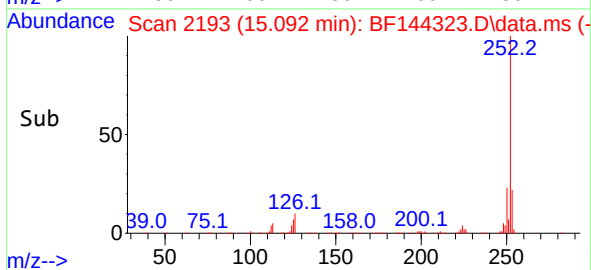
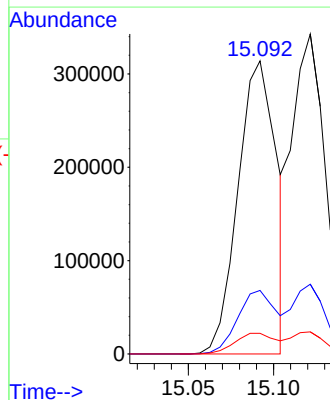
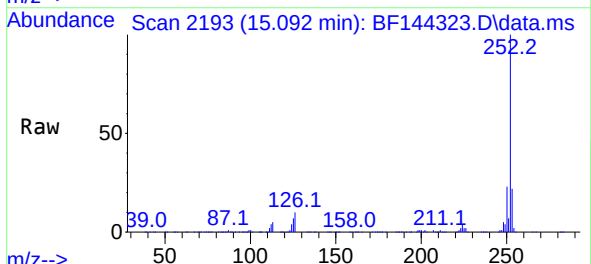
APPROVED

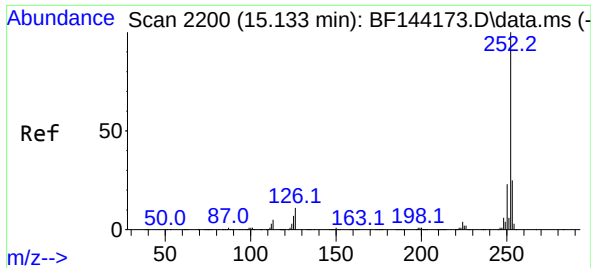
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#88
Benzo(b)fluoranthene
Concen: 50.578 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:252 Resp: 490130
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.0 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 51.698 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

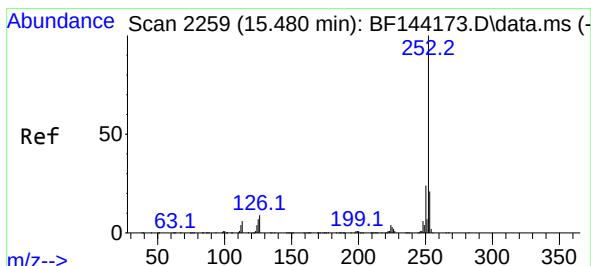
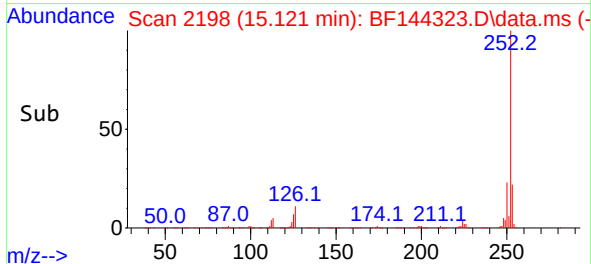
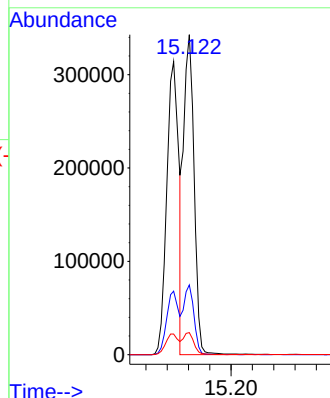
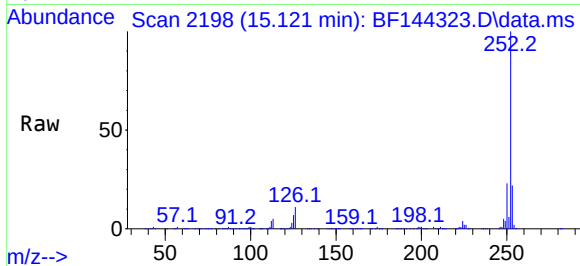
PB170706BS

Tgt Ion:252 Resp: 468920
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 6.9 5.4 8.2

Manual Integrations

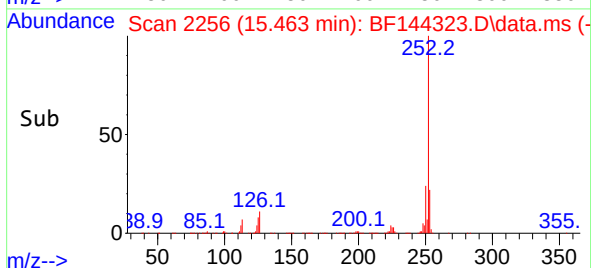
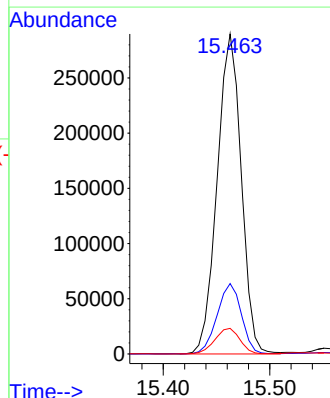
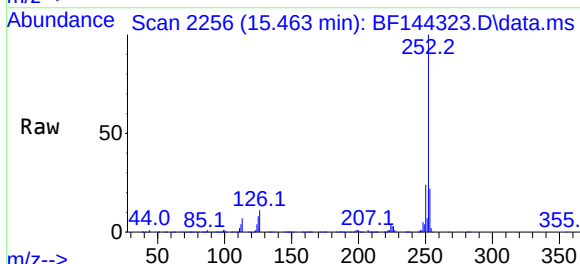
APPROVED

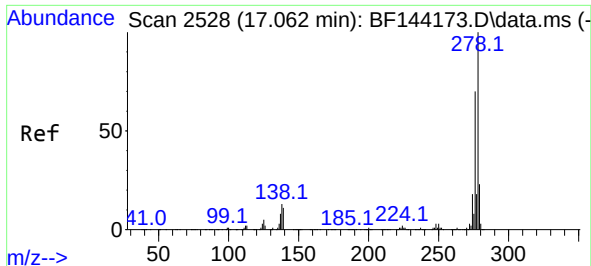
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#90
Benzo(a)pyrene
Concen: 50.902 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:252 Resp: 455062
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 8.0 5.7 8.5





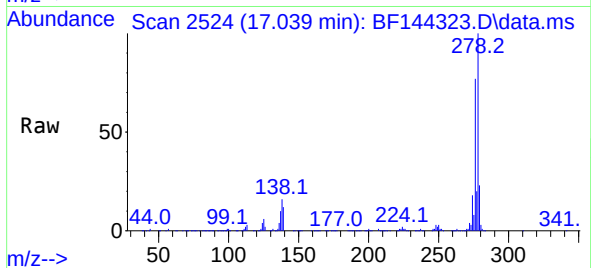
#91
Dibenzo(a,h)anthracene
Concen: 43.662 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

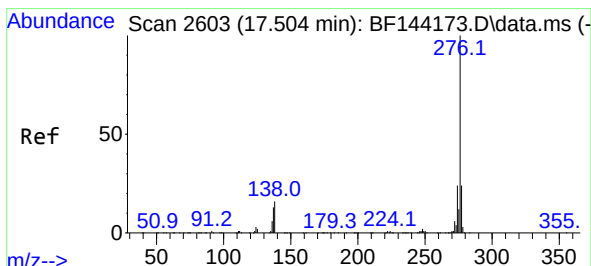
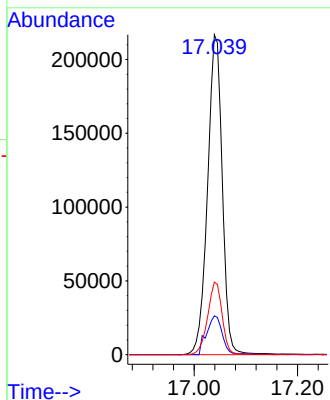
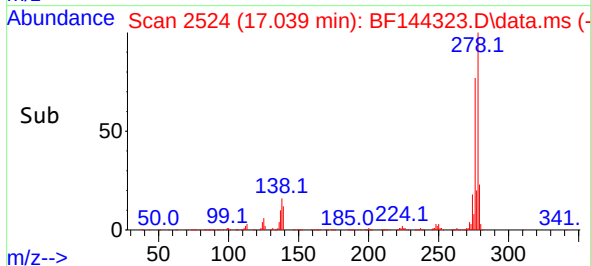


Tgt Ion:278 Resp: 42904
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 22.7 18.2 27.4

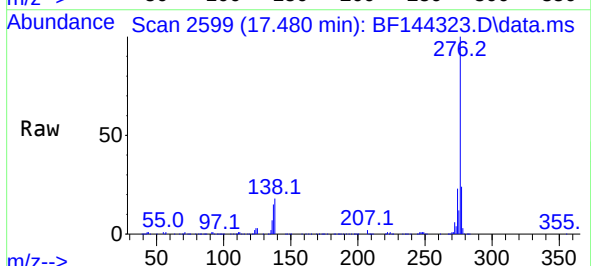
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#92
Benzo(g,h,i)perylene
Concen: 41.504 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40



Tgt Ion:276 Resp: 402757
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 17.9 12.9 19.3

