

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144308.D
 Acq On : 21 Nov 2025 15:03
 Operator : RC/JU
 Sample : PB170680BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170680BS

Quant Time: Nov 21 15:22:43 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

11/24/2025
 12/03/2025 By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	64009	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	246438	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	140544	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	217984	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	142234	20.000	ng	0.00
86) Perylene-d12	15.521	264	155457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	456671	111.646	ng	0.00
7) Phenol-d6	6.504	99	516224	111.382	ng	0.00
23) Nitrobenzene-d5	7.428	82	339868	79.651	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	191999	108.864	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	715833	75.225	ng	0.00
79) Terphenyl-d14	12.980	244	660165	73.724	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	64026	37.861	ng	98
3) Pyridine	3.458	79	162199	34.379	ng	99
4) n-Nitrosodimethylamine	3.399	42	104069	42.229	ng	93
6) Aniline	6.528	93	198867	30.116	ng	# 82
8) 2-Chlorophenol	6.651	128	169500	42.255	ng	100
9) Benzaldehyde	6.416	77	61863	23.638	ng	97
10) Phenol	6.516	94	233466	41.229	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	173003	41.928	ng	96
12) 1,3-Dichlorobenzene	6.804	146	205702	41.557	ng	98
13) 1,4-Dichlorobenzene	6.881	146	208753	42.096	ng	99
14) 1,2-Dichlorobenzene	7.034	146	197704	41.594	ng	99
15) Benzyl Alcohol	7.010	79	160765	43.806	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	330320	43.472	ng	99
17) 2-Methylphenol	7.122	107	140121	43.909	ng	99
18) Hexachloroethane	7.375	117	68027	41.290	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	124886	40.932	ng	96
20) 3+4-Methylphenols	7.275	107	153802	40.885	ng	# 89
22) Acetophenone	7.275	105	247085	46.738	ng	98
24) Nitrobenzene	7.451	77	191184	41.267	ng	96
25) Isophorone	7.687	82	352408	43.663	ng	98
26) 2-Nitrophenol	7.763	139	101815	44.395	ng	97
27) 2,4-Dimethylphenol	7.798	122	161136	46.877	ng	100
28) bis(2-Chloroethoxy)met...	7.893	93	216863	43.028	ng	98
29) 2,4-Dichlorophenol	8.010	162	166845	42.113	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	173933	42.754	ng	98
31) Naphthalene	8.169	128	483112	41.211	ng	99
32) Benzoic acid	7.940	122	125872	49.956	ng	93
33) 4-Chloroaniline	8.216	127	115896	27.107	ng	99
34) Hexachlorobutadiene	8.281	225	120403	39.271	ng	98
35) Caprolactam	8.592	113	49480m	45.586	ng	
36) 4-Chloro-3-methylphenol	8.704	107	152030	42.818	ng	99
37) 2-Methylnaphthalene	8.857	142	300684	38.363	ng	100
38) 1-Methylnaphthalene	8.957	142	308586	40.804	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	199888	43.397	ng	99
41) Hexachlorocyclopentadiene	9.010	237	130397	74.531	ng	98
43) 2,4,6-Trichlorophenol	9.140	196	126701	40.415	ng	97

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Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 12/03/2025

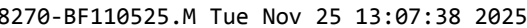
Quant Time: Nov 21 15:22:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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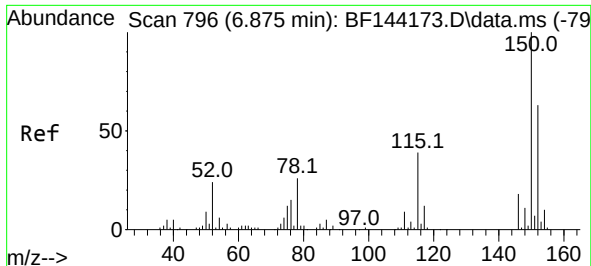
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	134315	39.752	ng	99
46) 1,1'-Biphenyl	9.322	154	436053	44.448	ng	99
47) 2-Chloronaphthalene	9.351	162	338606	40.463	ng	99
48) 2-Nitroaniline	9.451	65	101038	41.845	ng	93
49) Acenaphthylene	9.769	152	524763	46.016	ng	99
50) Dimethylphthalate	9.628	163	393339	42.246	ng	99
51) 2,6-Dinitrotoluene	9.692	165	84134	44.638	ng	94
52) Acenaphthene	9.939	154	285957	37.498	ng	98
53) 3-Nitroaniline	9.863	138	64336	31.226	ng	93
54) 2,4-Dinitrophenol	9.975	184	97350	85.534	ng	96
55) Dibenzofuran	10.110	168	427759	40.051	ng	99
56) 4-Nitrophenol	10.034	139	105453	70.755	ng	97
57) 2,4-Dinitrotoluene	10.098	165	108823	43.129	ng	97
58) Fluorene	10.457	166	331046	40.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	101333	42.389	ng	98
60) Diethylphthalate	10.322	149	361154	42.077	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	181497	39.238	ng	99
62) 4-Nitroaniline	10.475	138	74093	37.761	ng	94
63) Azobenzene	10.604	77	337845	42.294	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	65201	44.030	ng	96
66) n-Nitrosodiphenylamine	10.563	169	324405	46.271	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	121149	43.542	ng	99
68) Hexachlorobenzene	11.004	284	144783	44.178	ng	96
69) Atrazine	11.092	200	99303	44.538	ng	99
70) Pentachlorophenol	11.204	266	136040	83.361	ng	97
71) Phenanthrene	11.422	178	467605	43.085	ng	100
72) Anthracene	11.469	178	463853	42.032	ng	99
73) Carbazole	11.628	167	395898	42.188	ng	99
74) Di-n-butylphthalate	11.951	149	494354	43.577	ng	99
75) Fluoranthene	12.610	202	460753	41.097	ng	99
77) Benzidine	12.733	184	82656	19.646	ng	99
78) Pyrene	12.839	202	459794	40.093	ng	99
80) Butylbenzylphthalate	13.451	149	168795	42.467	ng	99
81) Benzo(a)anthracene	14.033	228	434527	44.079	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	119890	35.481	ng	97
83) Chrysene	14.069	228	395046	43.411	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	233986	43.003	ng	99
85) Di-n-octyl phthalate	14.627	149	425538	45.329	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	445921	39.960	ng	98
88) Benzo(b)fluoranthene	15.086	252	472041	53.410	ng	100
89) Benzo(k)fluoranthene	15.121	252	426886	51.604	ng	98
90) Benzo(a)pyrene	15.463	252	423809	51.979	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	372033	41.512	ng	98
92) Benzo(g,h,i)perylene	17.474	276	352708	39.853	ng	99

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

Manual Integrations APPROVED

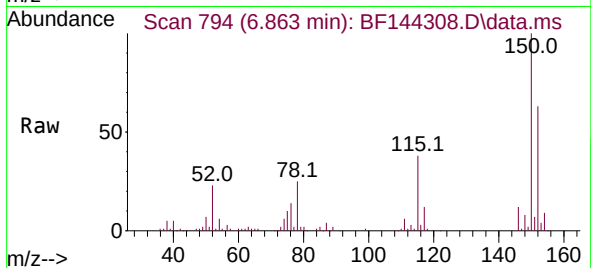
Quant Time: Nov 21 15:22:43 2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

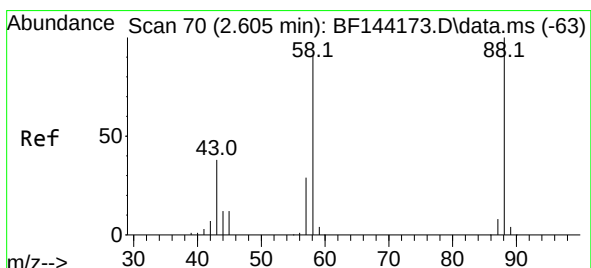
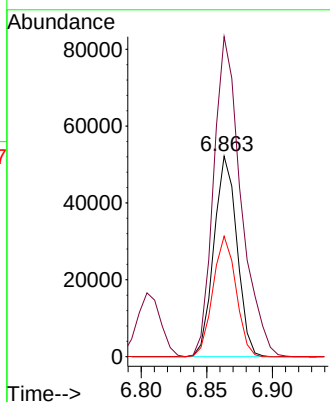
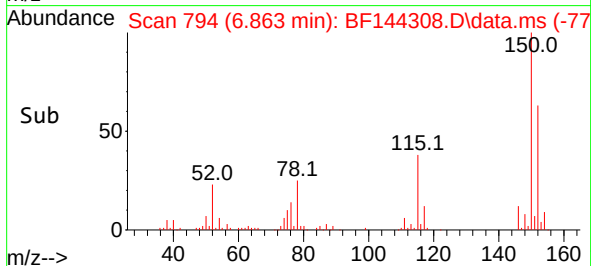
Instrument :
BNA_F
ClientSampleId :
PB170680BS



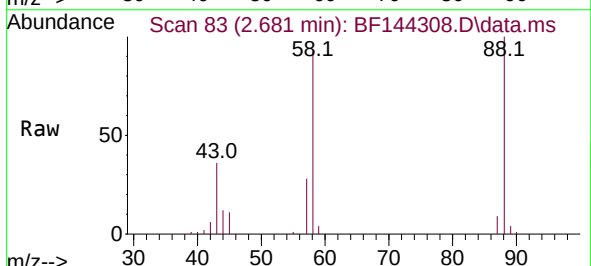
Tgt Ion:152 Resp: 64009
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 60.1 49.5 74.3

Manual Integrations
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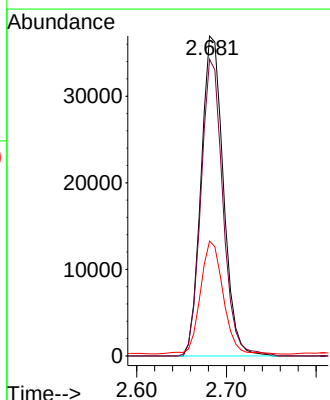
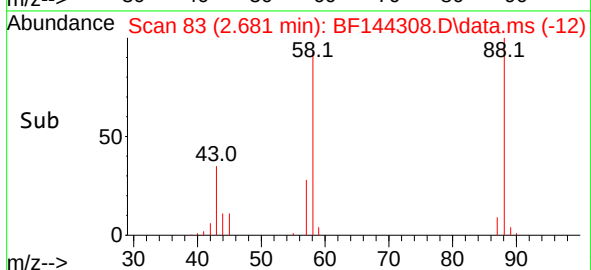
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

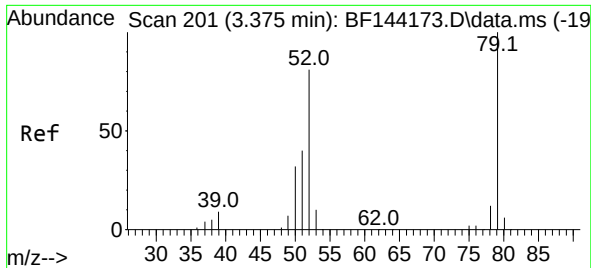


#2
1,4-Dioxane
Concen: 37.861 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.065 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion: 88 Resp: 64026
Ion Ratio Lower Upper
88 100
58 91.1 73.1 109.7
43 36.0 31.0 46.6





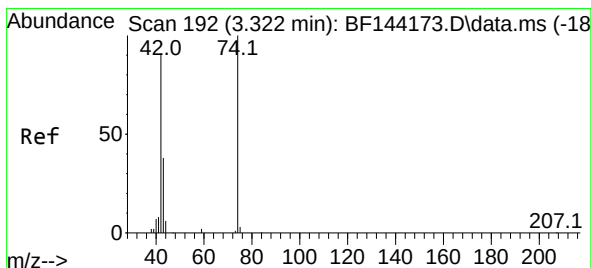
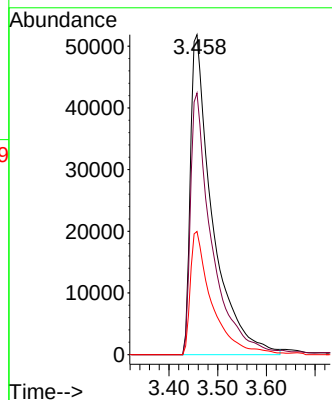
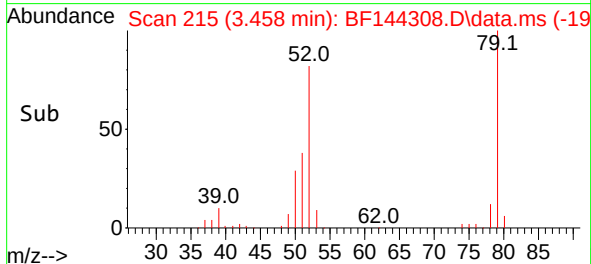
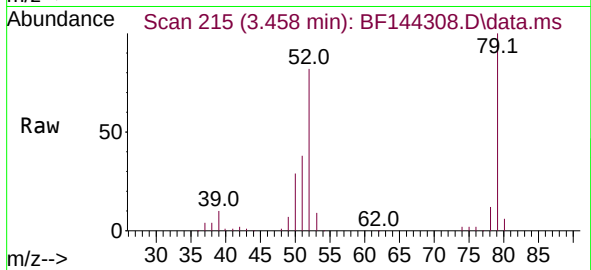
#3
Pyridine
Concen: 34.379 ng
RT: 3.458 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion: 79 Resp: 162199
Ion Ratio Lower Upper
79 100
52 81.7 64.5 96.7
51 38.5 31.7 47.5

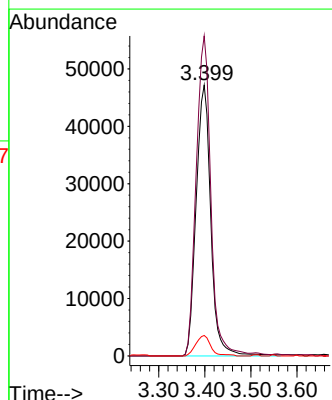
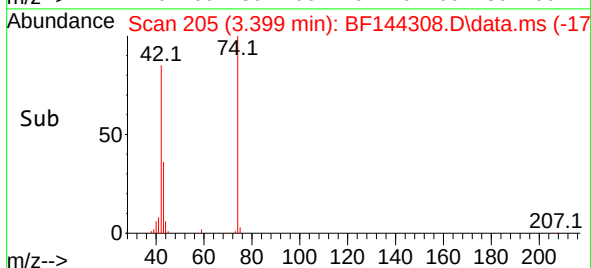
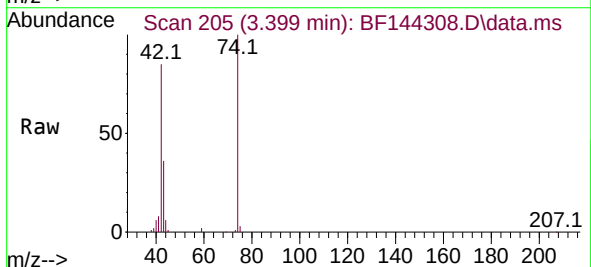
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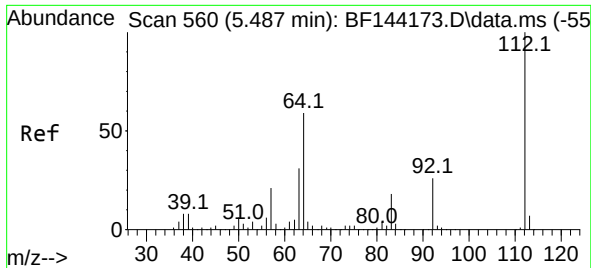
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#4
n-Nitrosodimethylamine
Concen: 42.229 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

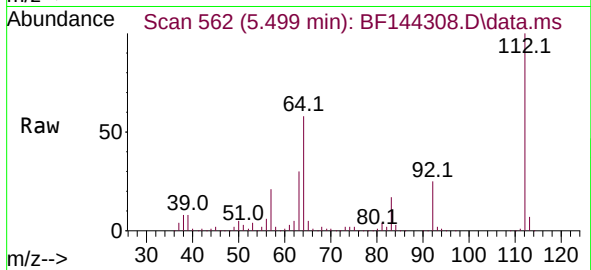
Tgt Ion: 42 Resp: 104069
Ion Ratio Lower Upper
42 100
74 118.2 88.2 132.4
44 7.5 5.7 8.5





#5
2-Fluorophenol
Concen: 111.646 ng
RT: 5.499 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

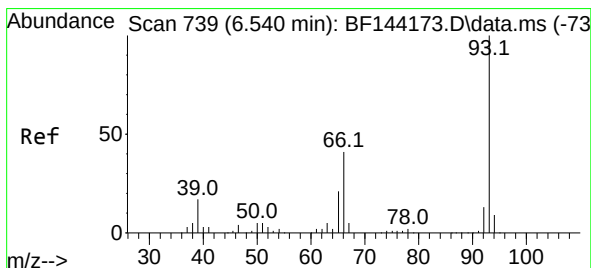
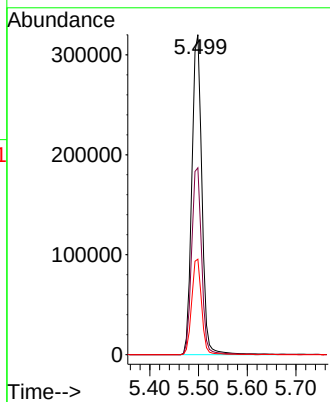
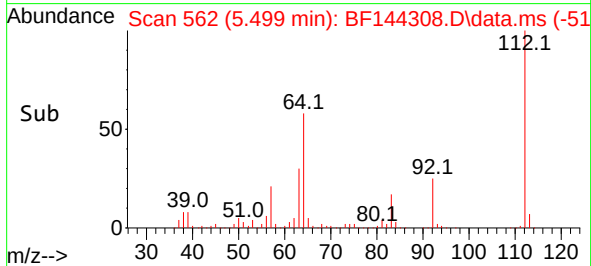
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:112 Resp: 45667
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 29.8 24.4 36.6

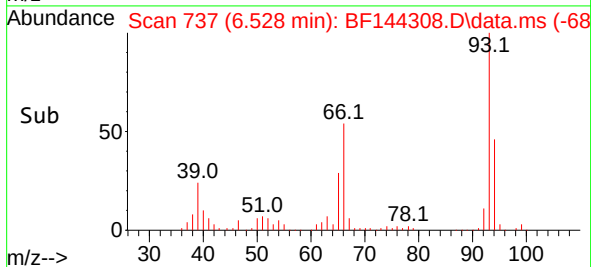
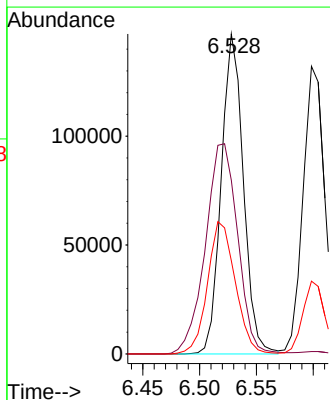
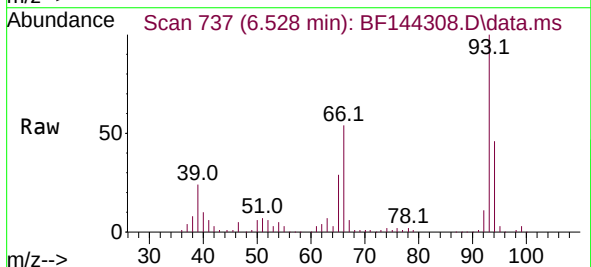
Manual Integrations
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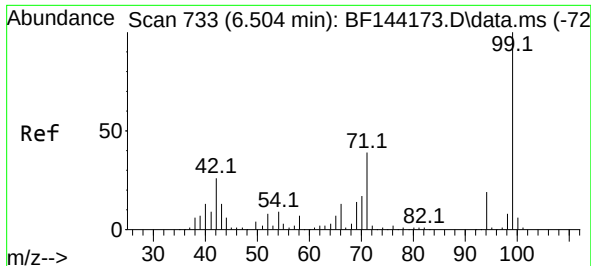
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#6
Aniline
Concen: 30.116 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

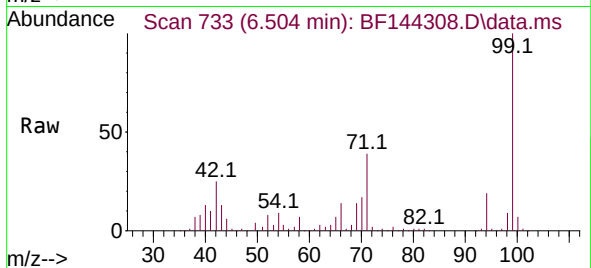
Tgt Ion: 93 Resp: 198867
Ion Ratio Lower Upper
93 100
66 54.3 34.3 51.5#
65 29.1 16.9 25.3#





#7
Phenol-d6
Concen: 111.382 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

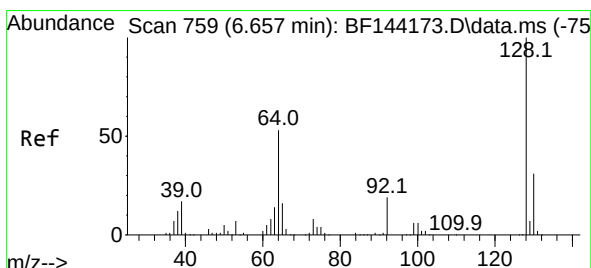
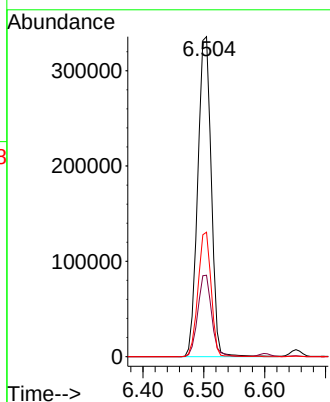
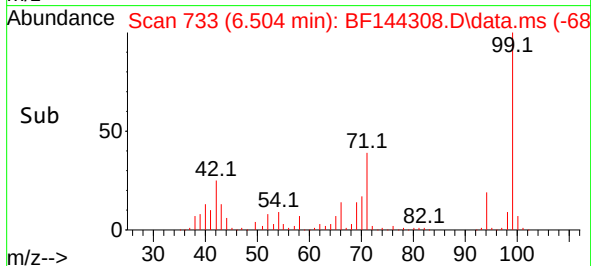
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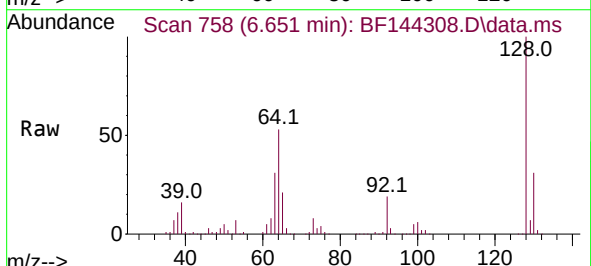
Tgt Ion: 99 Resp: 516224
Ion Ratio Lower Upper
99 100
42 25.4 20.9 31.3
71 38.9 31.4 47.2

Manual Integrations
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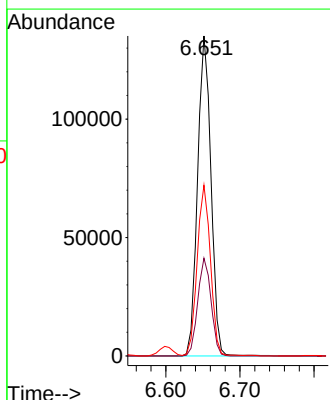
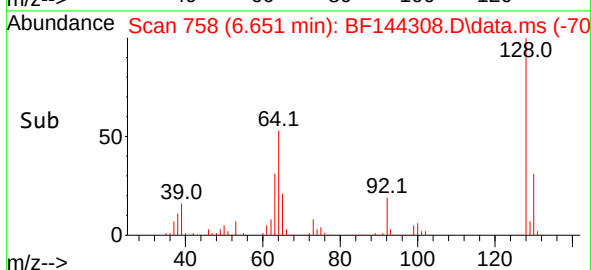
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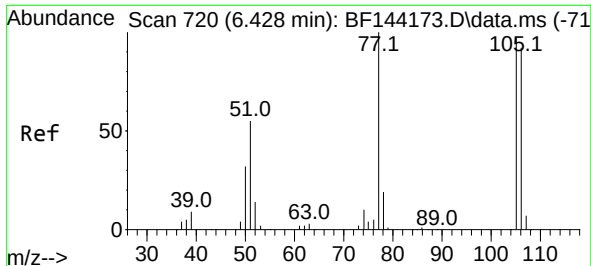


#8
2-Chlorophenol
Concen: 42.255 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:128 Resp: 169500
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.3 33.2 73.2





#9

Benzaldehyde

Concen: 23.638 ng

RT: 6.416 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS

Tgt Ion: 77 Resp: 6186

Ion Ratio Lower Upper

77 100

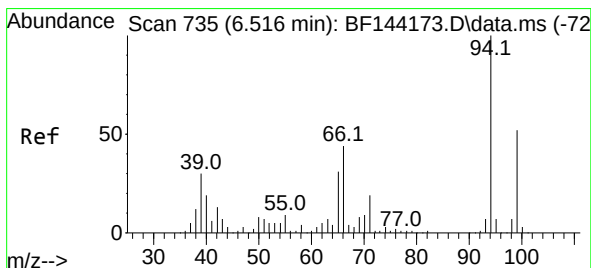
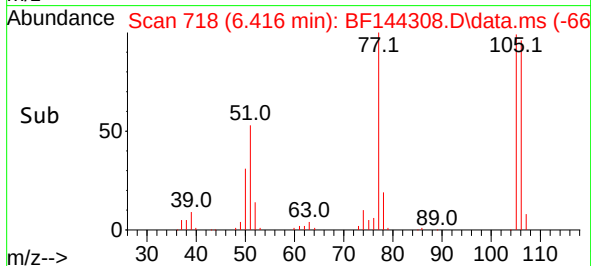
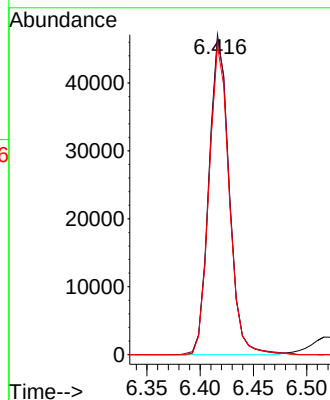
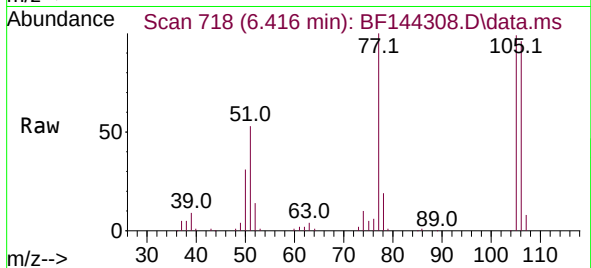
105 98.8 77.2 117.2

106 96.4 72.2 112.2

Manual Integrations

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Supervised By :mohammad ahmed 12/03/2025



#10

Phenol

Concen: 41.229 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144308.D

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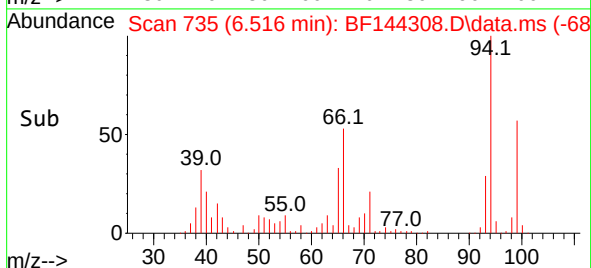
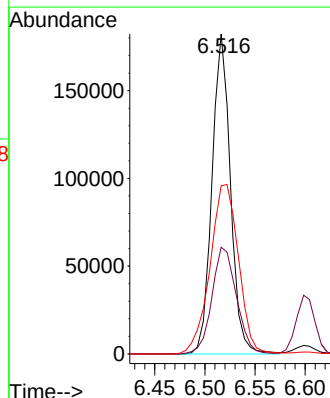
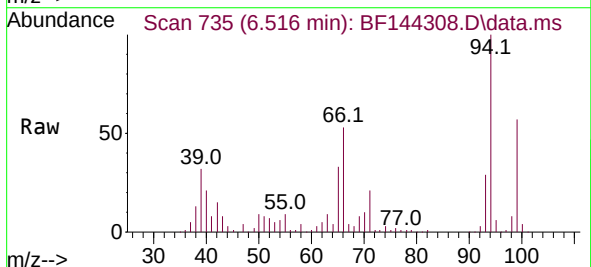
Tgt Ion: 94 Resp: 233466

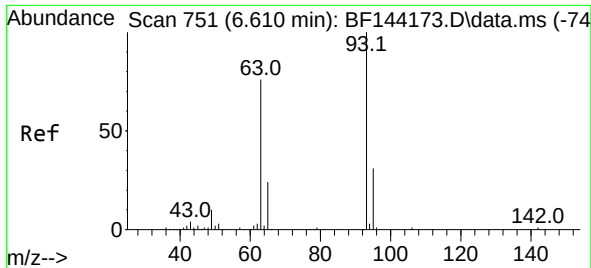
Ion Ratio Lower Upper

94 100

65 33.3 10.8 50.8

66 52.5 24.3 64.3





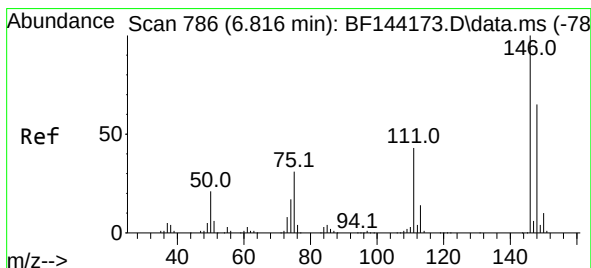
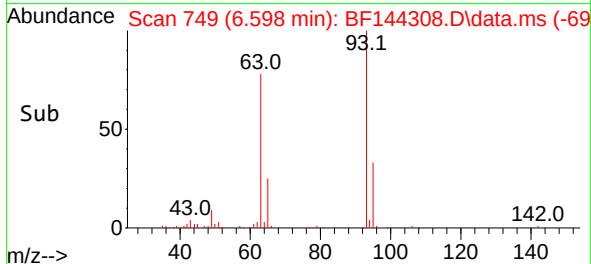
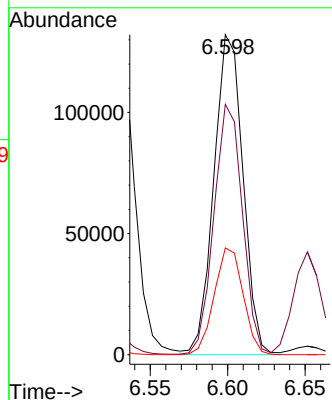
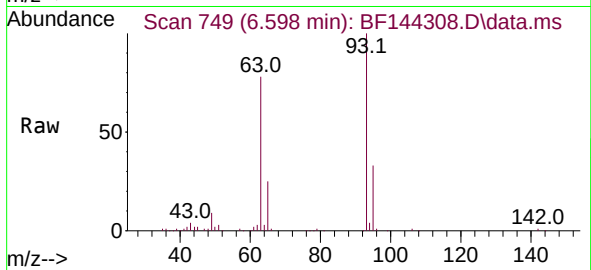
#11
bis(2-Chloroethyl)ether
Concen: 41.928 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion: 93 Resp: 173003
Ion Ratio Lower Upper
93 100
63 78.2 55.2 95.2
95 33.4 11.2 51.2

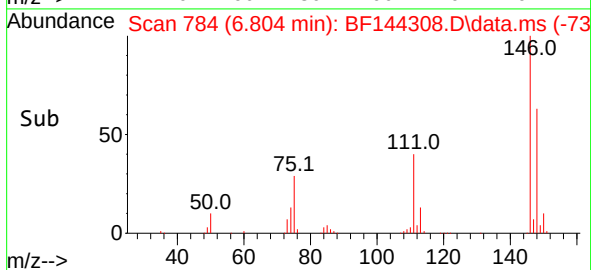
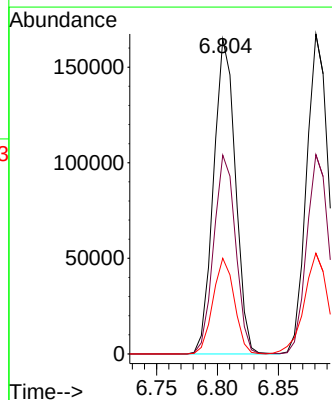
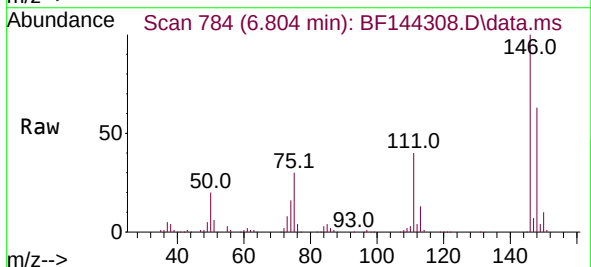
Manual Integrations
APPROVED

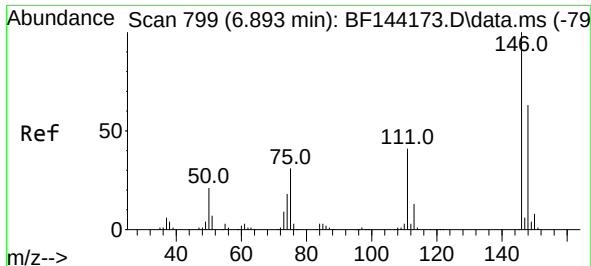
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#12
1,3-Dichlorobenzene
Concen: 41.557 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:146 Resp: 205702
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 30.3 25.0 37.4





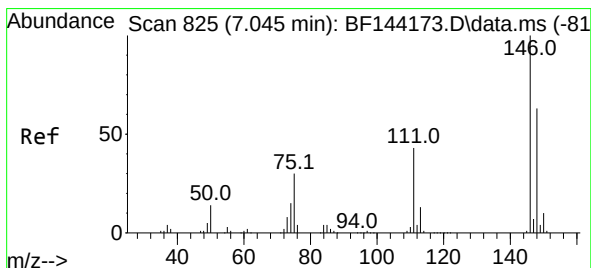
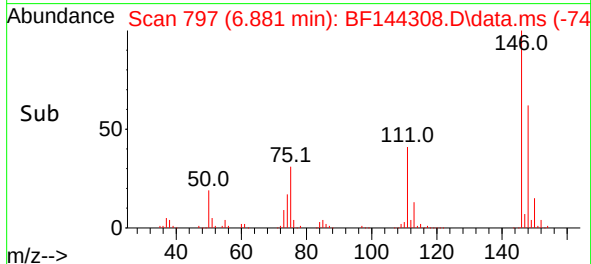
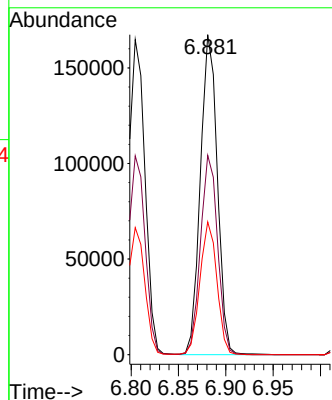
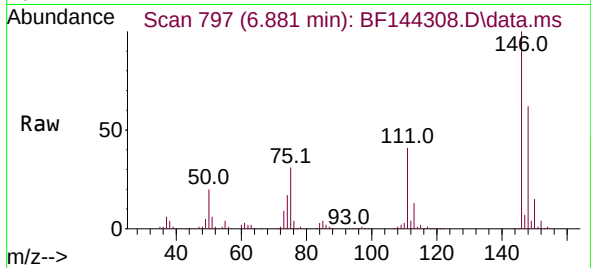
#13
1,4-Dichlorobenzene
Concen: 42.096 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:146 Resp: 208753
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 41.5 32.6 48.8

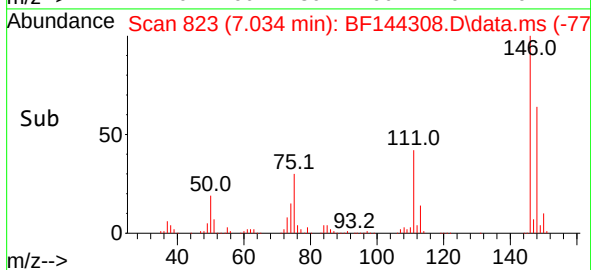
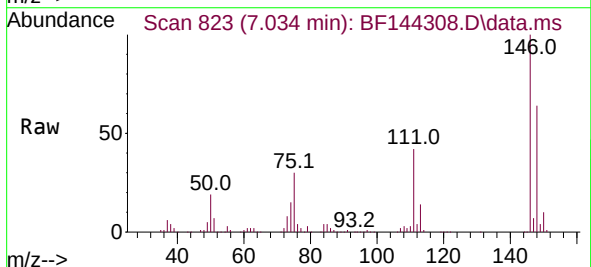
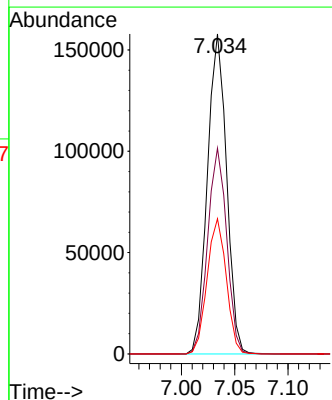
Manual Integrations
APPROVED

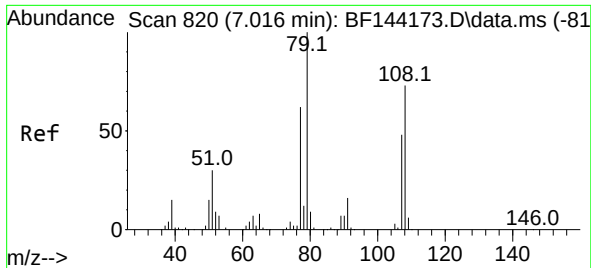
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#14
1,2-Dichlorobenzene
Concen: 41.594 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:146 Resp: 197704
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
111 42.2 34.2 51.4





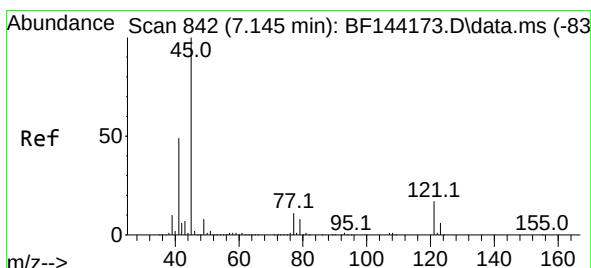
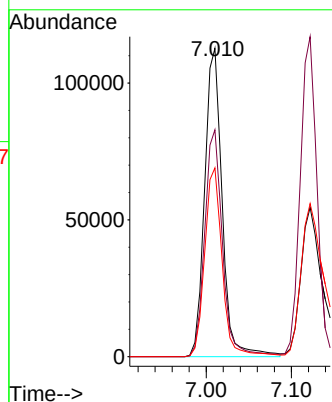
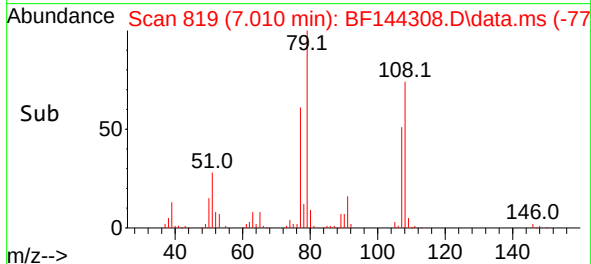
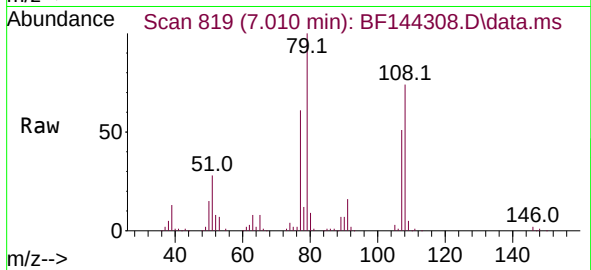
#15
Benzyl Alcohol
Concen: 43.806 ng
RT: 7.010 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion: 79 Resp: 160765
Ion Ratio Lower Upper
79 100
108 73.6 58.2 87.4
77 61.2 49.9 74.9

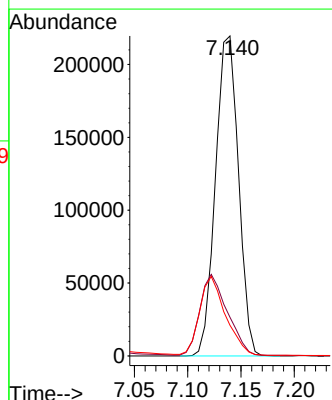
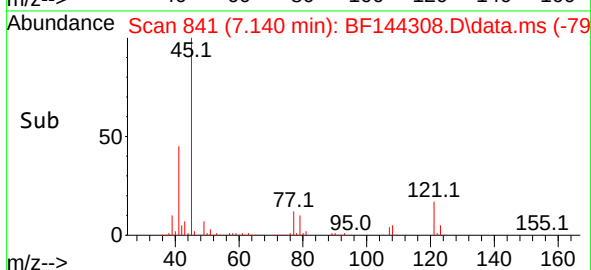
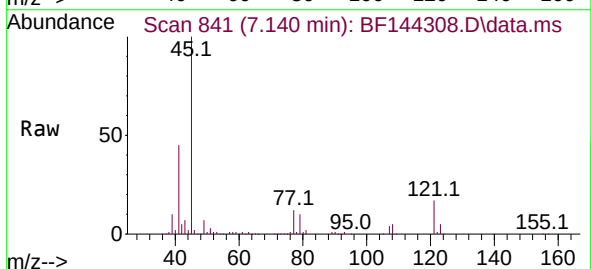
Manual Integrations
APPROVED

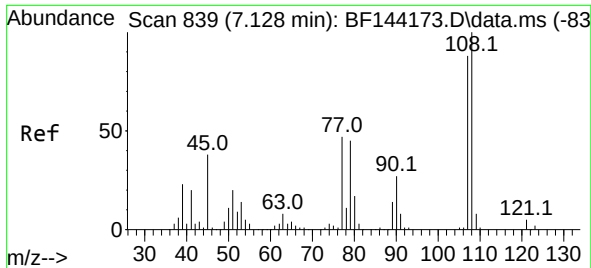
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.472 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

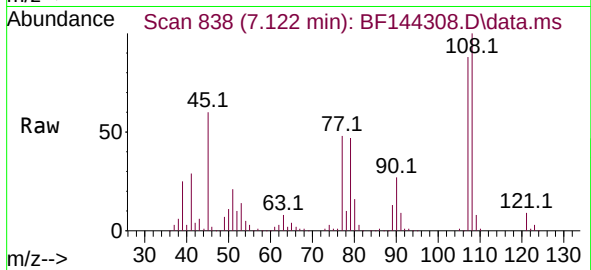
Tgt Ion: 45 Resp: 330320
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 43.909 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

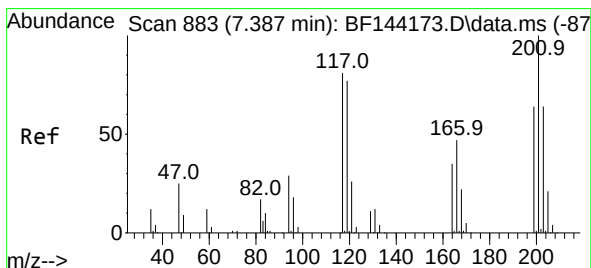
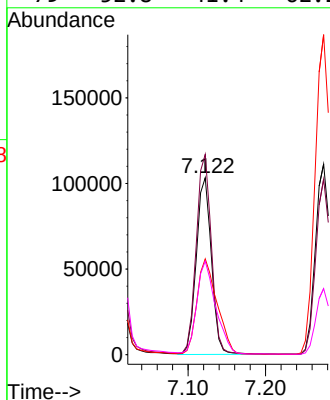
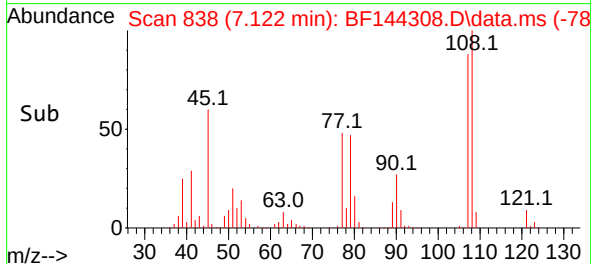
Instrument :
BNA_F
ClientSampleId :
PB170680BS



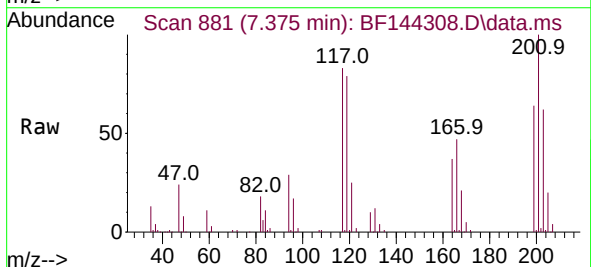
Tgt Ion:107 Resp: 14012
Ion Ratio Lower Upper
107 100
108 113.2 91.0 136.4
77 54.1 42.7 64.1
79 52.8 41.4 62.2

Manual Integrations
APPROVED

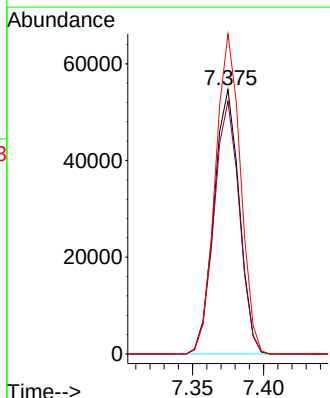
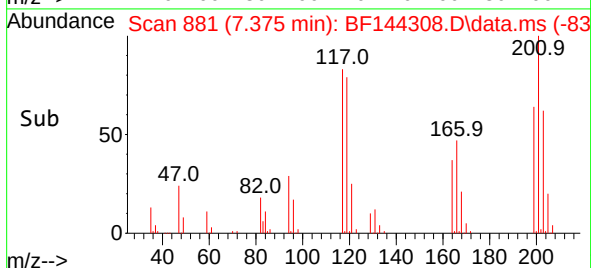
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

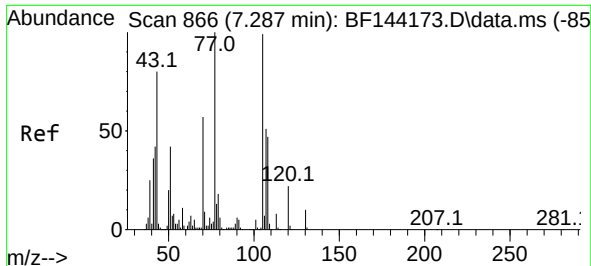


#18
Hexachloroethane
Concen: 41.290 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



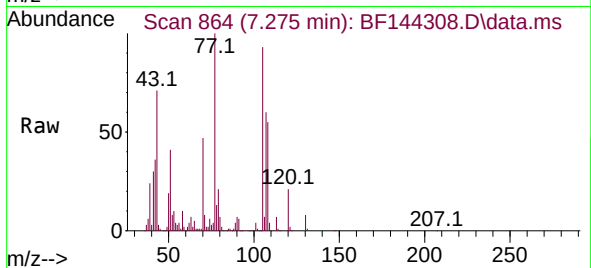
Tgt Ion:117 Resp: 68027
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 121.1 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.932 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

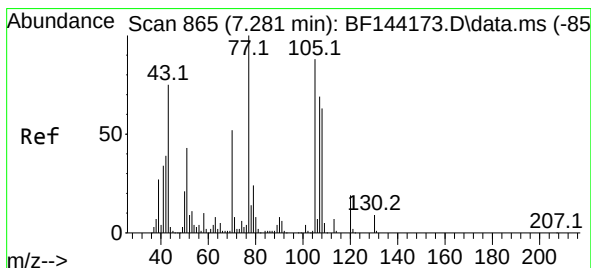
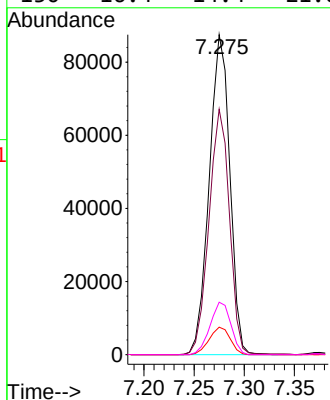
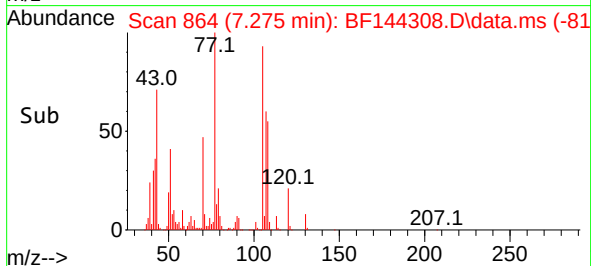
Instrument :
BNA_F
ClientSampleId :
PB170680BS



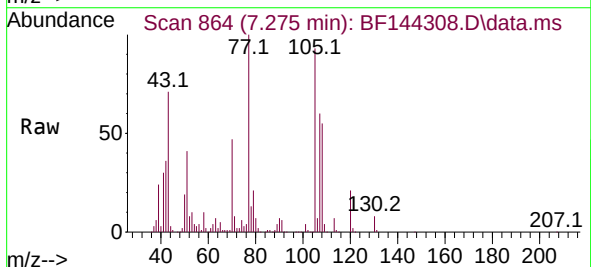
Tgt Ion: 70 Resp: 124886
Ion Ratio Lower Upper
70 100
42 76.7 58.3 87.5
101 8.6 7.0 10.6
130 16.4 14.4 21.6

Manual Integrations
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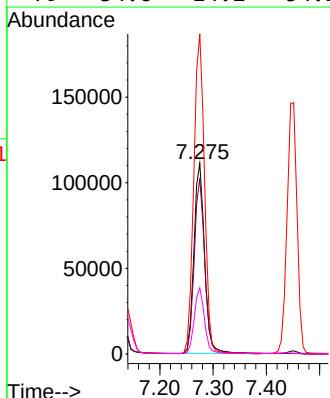
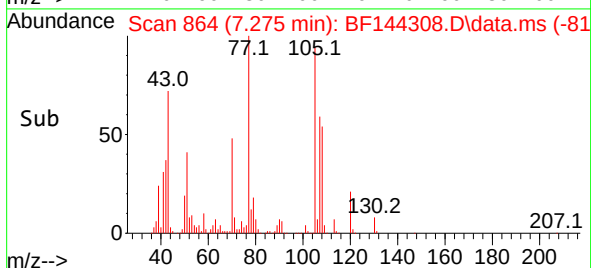
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

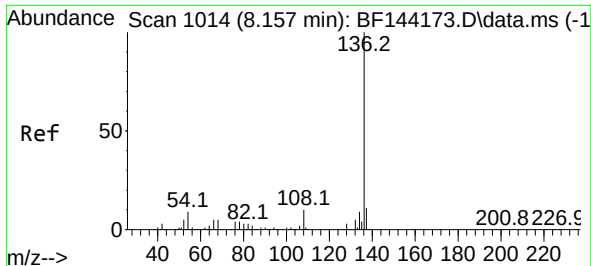


#20
3+4-Methylphenols
Concen: 40.885 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



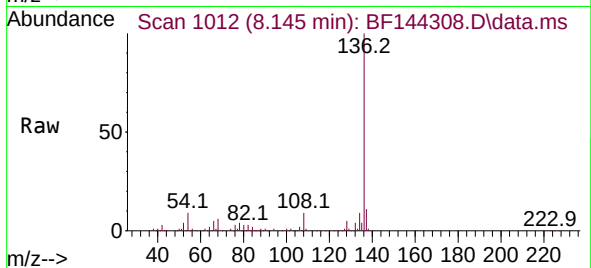
Tgt Ion:107 Resp: 153802
Ion Ratio Lower Upper
107 100
108 92.1 70.2 110.2
77 167.9 123.9 163.9#
79 34.6 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

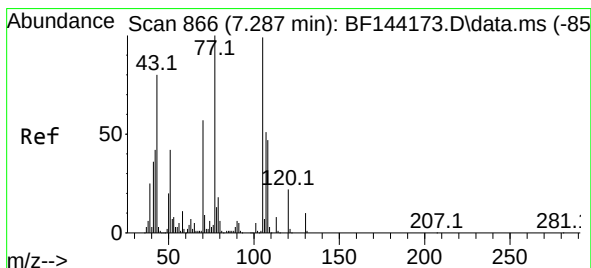
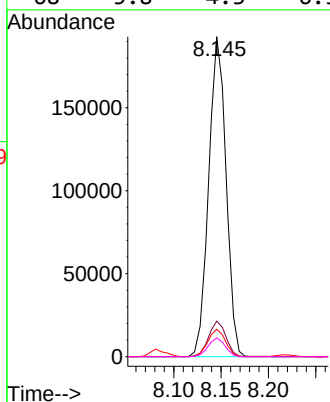
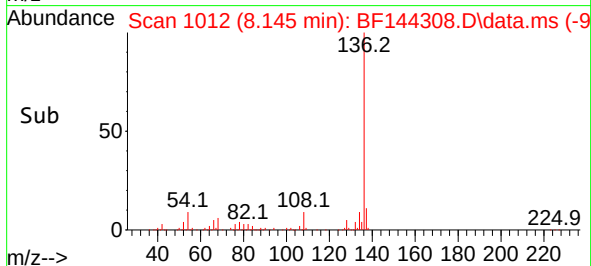
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:136 Resp: 246438
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.6
68 5.8 4.3 6.5

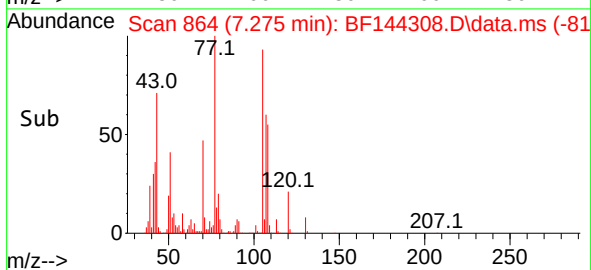
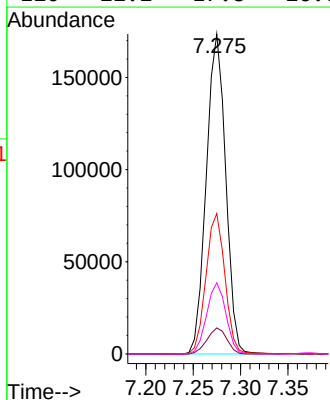
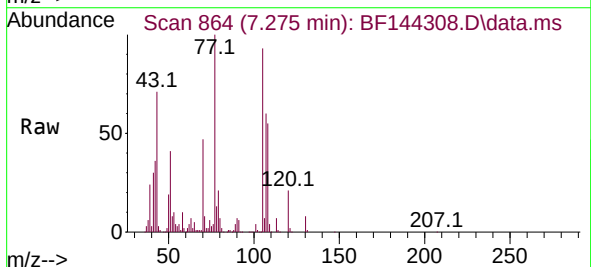
Manual Integrations
APPROVED

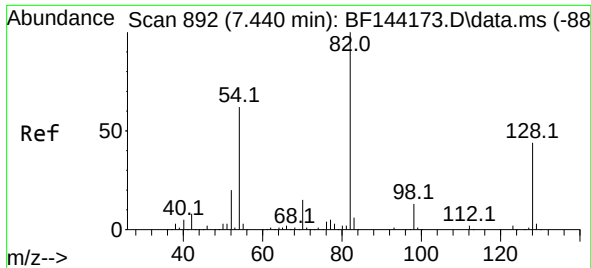
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#22
Acetophenone
Concen: 46.738 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

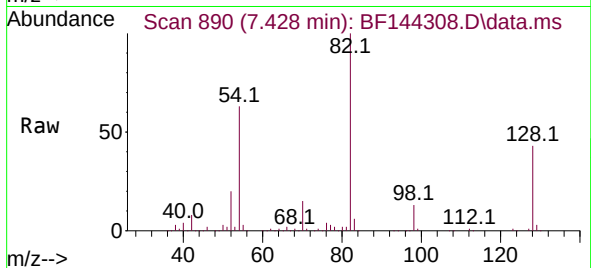
Tgt Ion:105 Resp: 247085
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 43.8 34.0 51.0
120 22.2 17.8 26.6





#23
Nitrobenzene-d5
Concen: 79.651 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

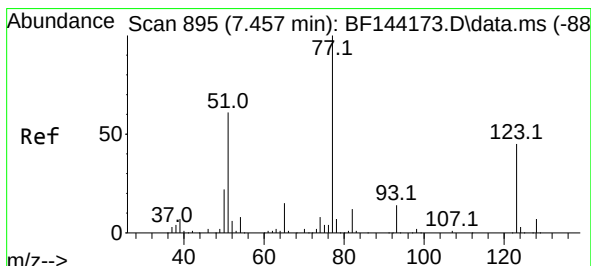
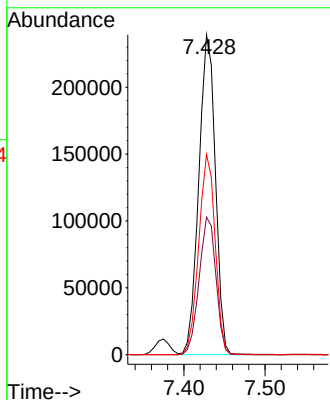
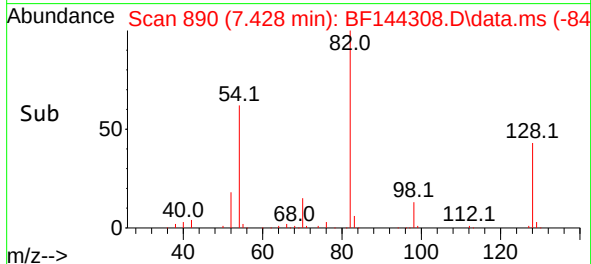
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion: 82 Resp: 339868
Ion Ratio Lower Upper
82 100
128 43.0 34.7 52.1
54 62.6 49.5 74.3

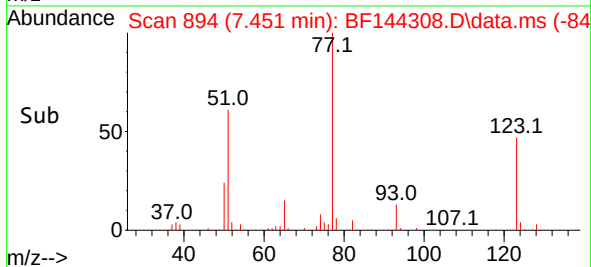
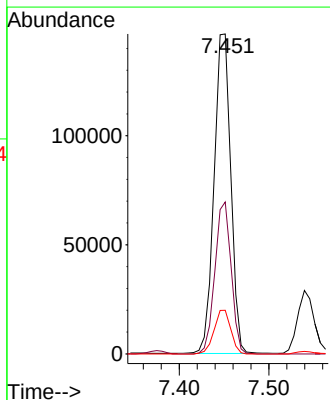
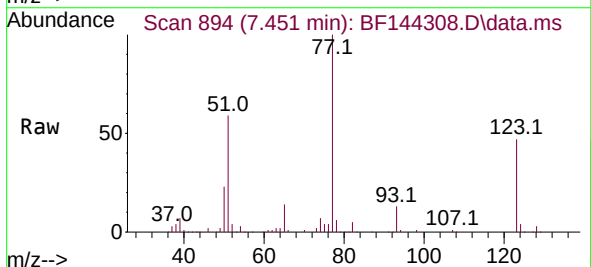
Manual Integrations
APPROVED

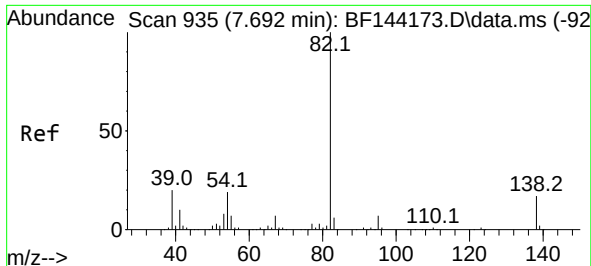
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#24
Nitrobenzene
Concen: 41.267 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion: 77 Resp: 191184
Ion Ratio Lower Upper
77 100
123 47.5 35.8 53.8
65 13.7 12.2 18.2





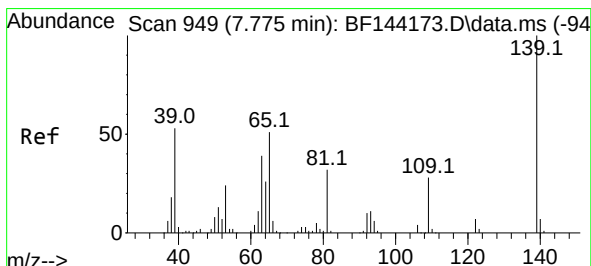
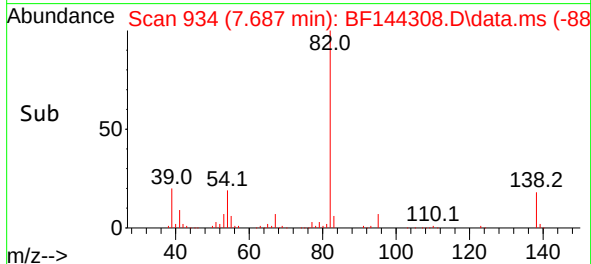
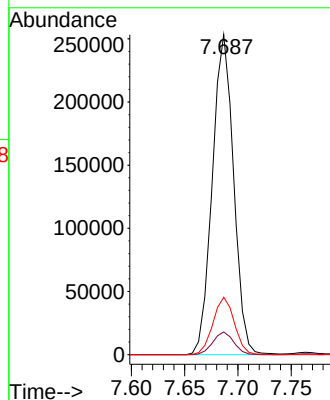
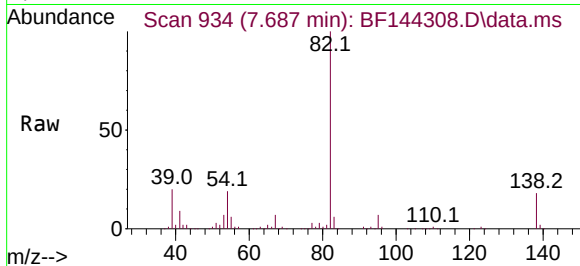
#25
Isophorone
Concen: 43.663 ng
RT: 7.687 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion: 82 Resp: 352408
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.7 20.5

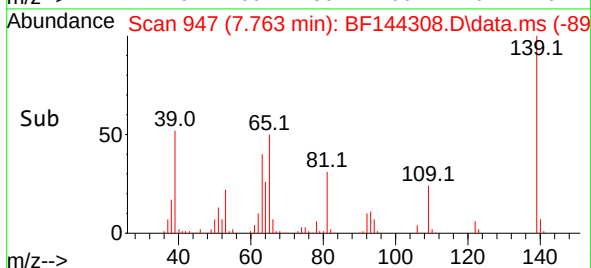
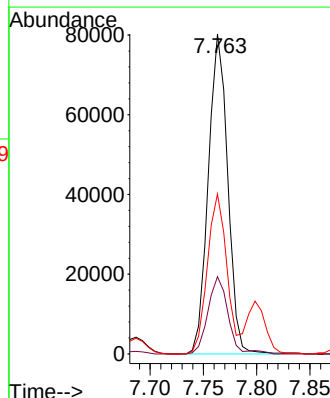
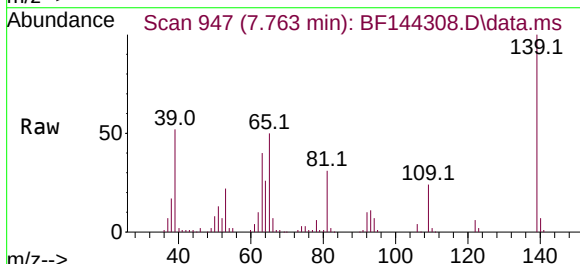
Manual Integrations
APPROVED

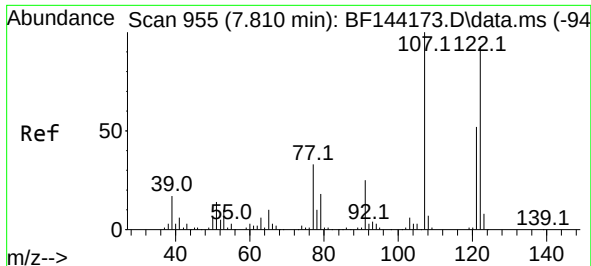
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#26
2-Nitrophenol
Concen: 44.395 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:139 Resp: 101815
Ion Ratio Lower Upper
139 100
109 24.1 22.2 33.2
65 50.0 40.7 61.1





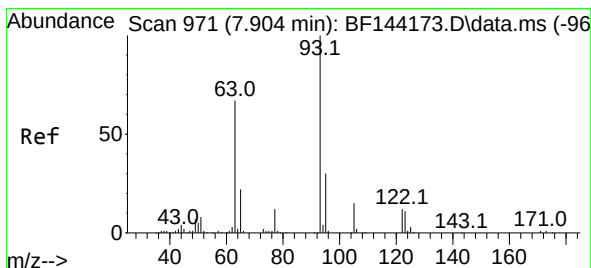
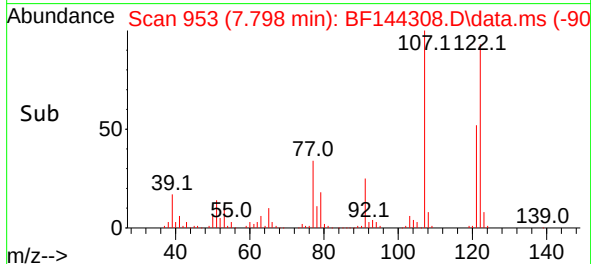
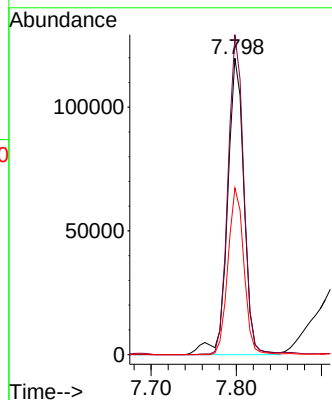
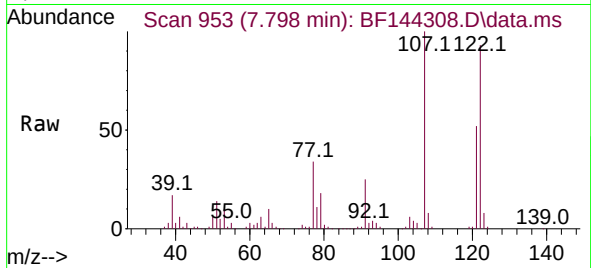
#27
2,4-Dimethylphenol
Concen: 46.877 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:122 Resp: 161136
Ion Ratio Lower Upper
122 100
107 108.0 86.2 129.4
121 56.2 44.6 66.8

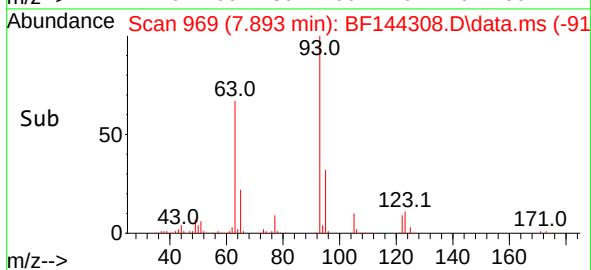
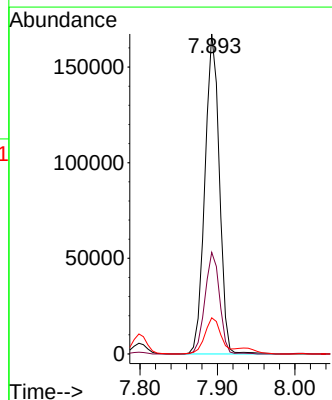
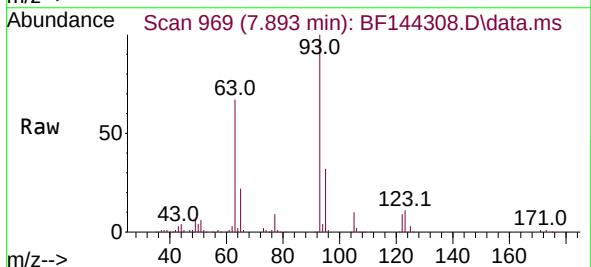
Manual Integrations
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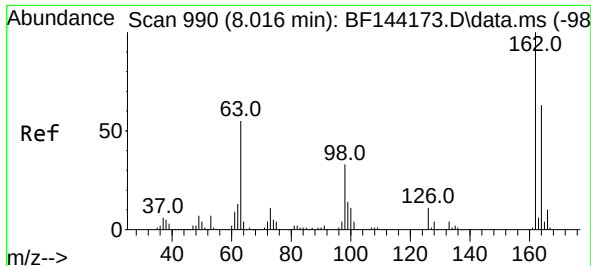
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.028 ng
RT: 7.893 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion: 93 Resp: 216863
Ion Ratio Lower Upper
93 100
95 31.7 24.2 36.4
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.113 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

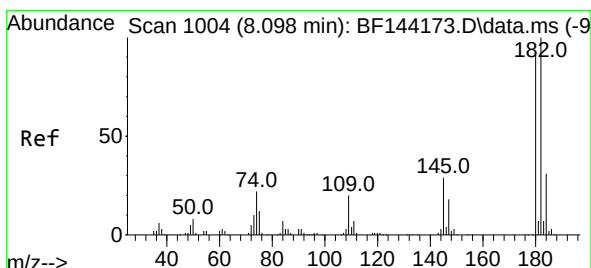
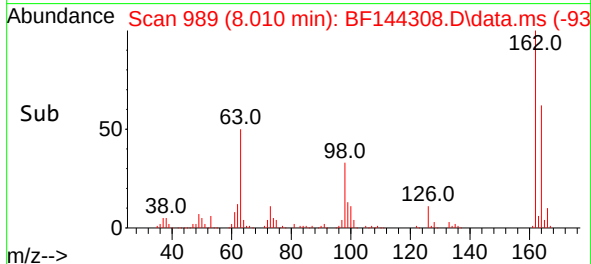
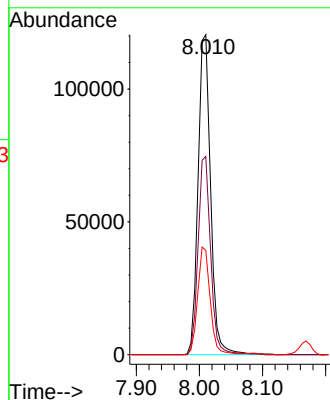
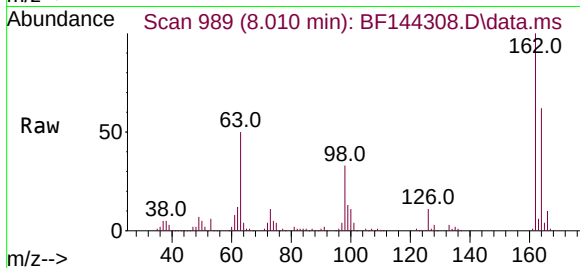
PB170680BS

Tgt Ion:162 Resp: 166845
 Ion Ratio Lower Upper
 162 100
 164 61.9 42.9 82.9
 98 32.6 13.3 53.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 12/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.754 ng

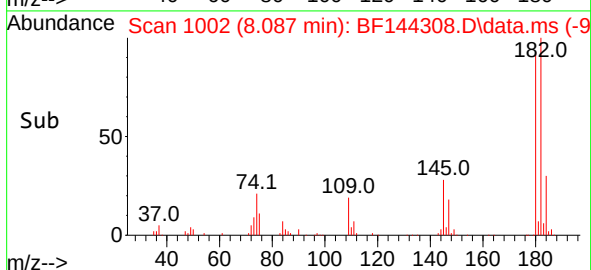
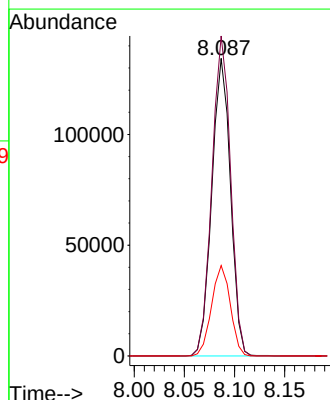
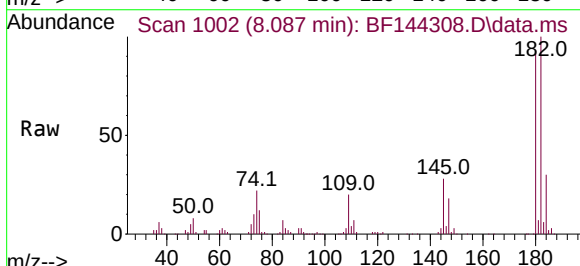
RT: 8.087 min Scan# 1002

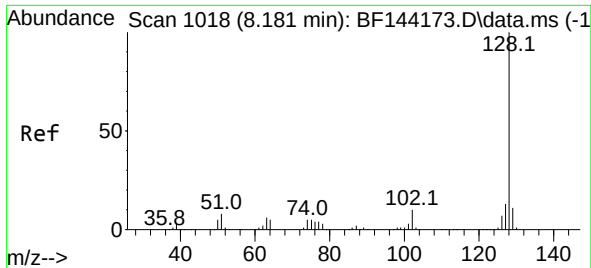
Delta R.T. -0.012 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

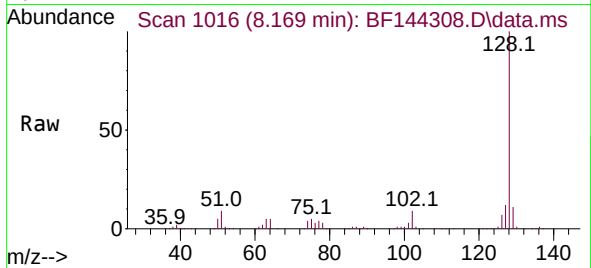
Tgt Ion:180 Resp: 173933
 Ion Ratio Lower Upper
 180 100
 182 107.6 87.7 131.5
 145 30.4 25.4 38.0





#31
Naphthalene
Concen: 41.211 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

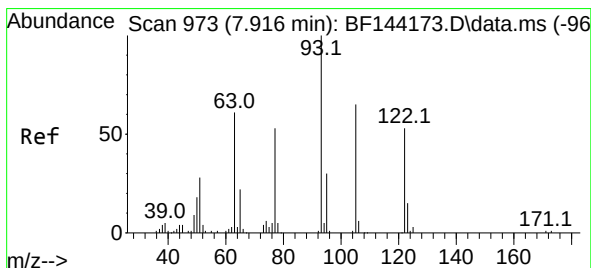
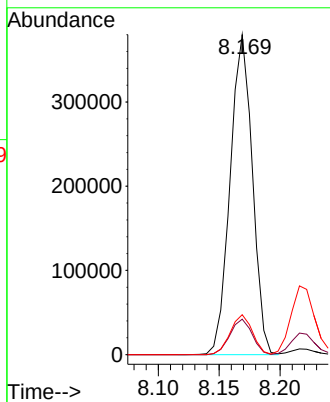
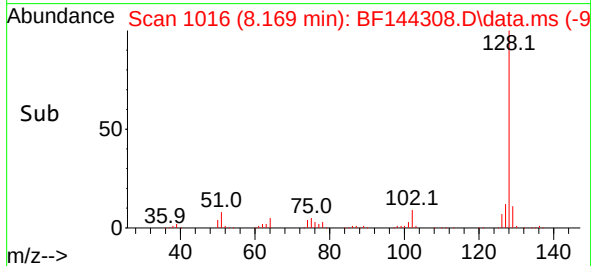
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:128 Resp: 483112
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5

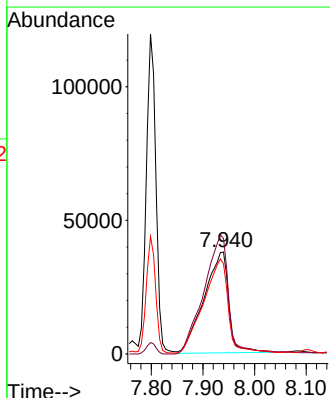
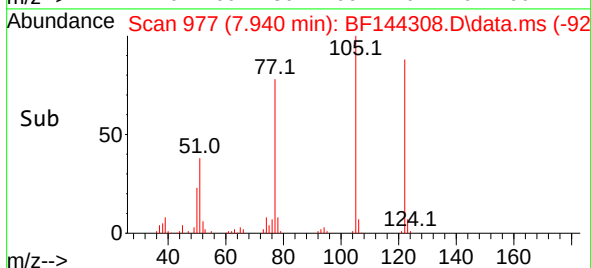
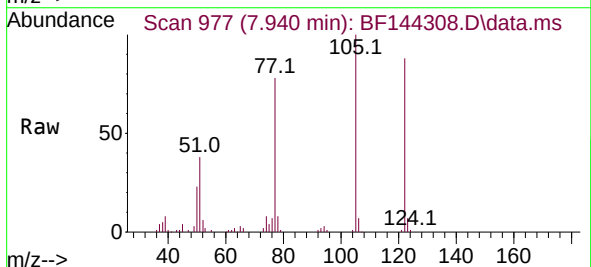
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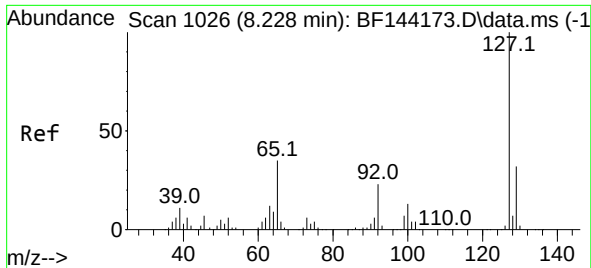
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#32
Benzoic acid
Concen: 49.956 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:122 Resp: 125872
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 88.5 77.5 117.5





#33
4-Chloroaniline
Concen: 27.107 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

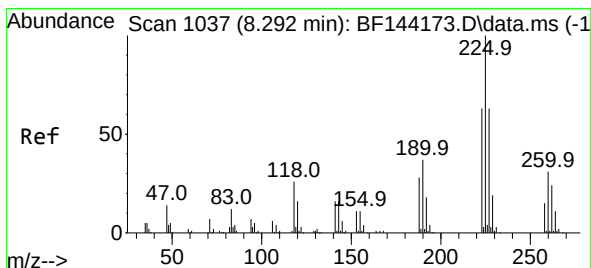
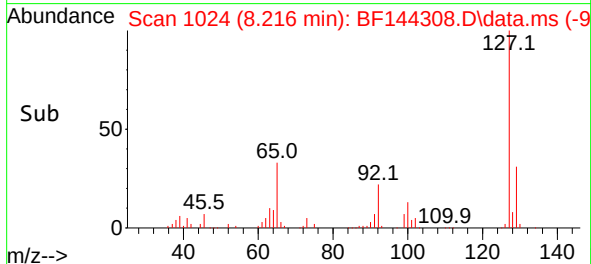
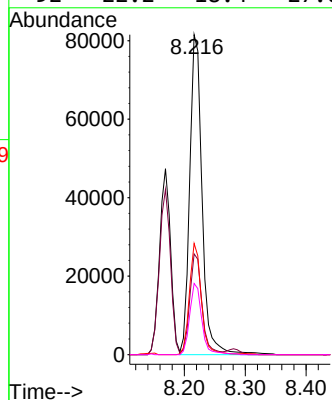
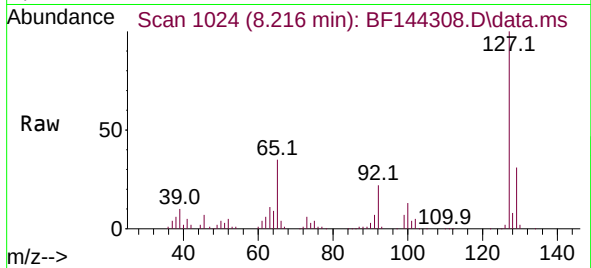
PB170680BS

Tgt Ion:127 Resp: 115896
Ion Ratio Lower Upper
127 100
129 31.5 25.3 37.9
65 34.8 27.6 41.4
92 22.2 18.4 27.6

Manual Integrations

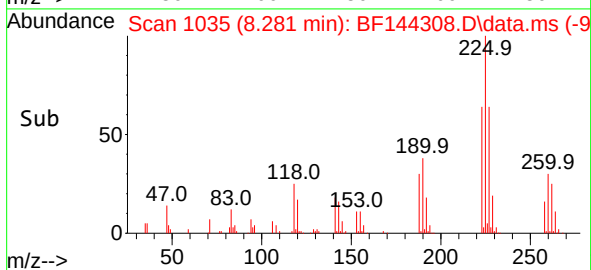
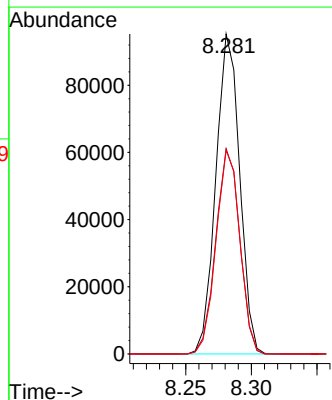
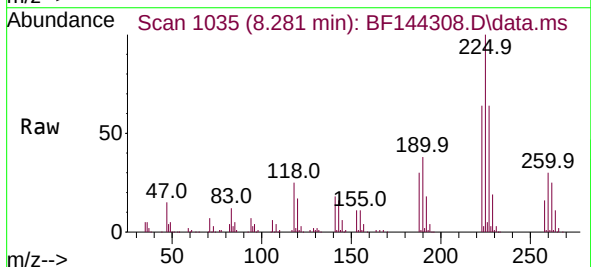
APPROVED

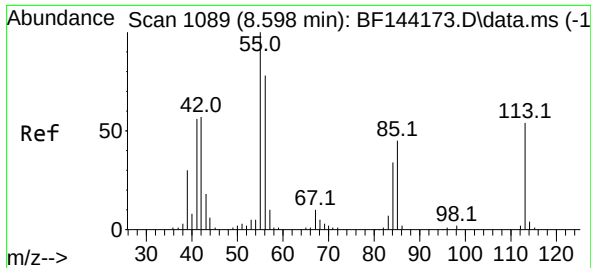
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#34
Hexachlorobutadiene
Concen: 39.271 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

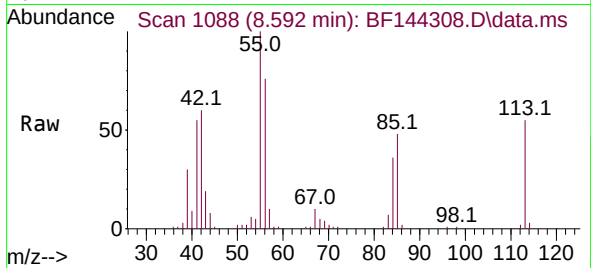
Tgt Ion:225 Resp: 120403
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 63.7 50.1 75.1





#35
Caprolactam
Concen: 45.586 ng m
RT: 8.592 min Scan# 1088
Delta R.T. -0.029 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

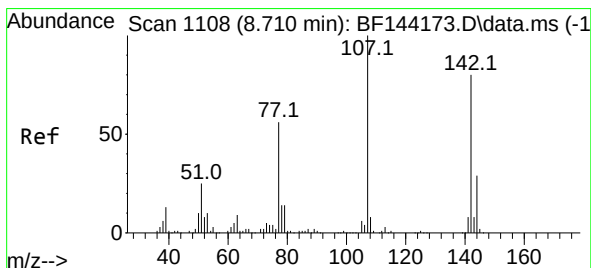
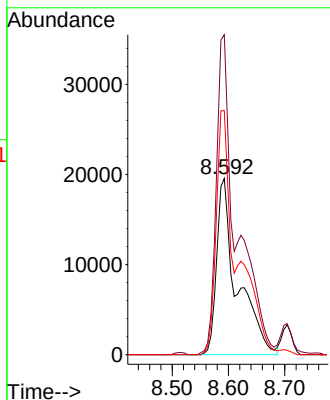
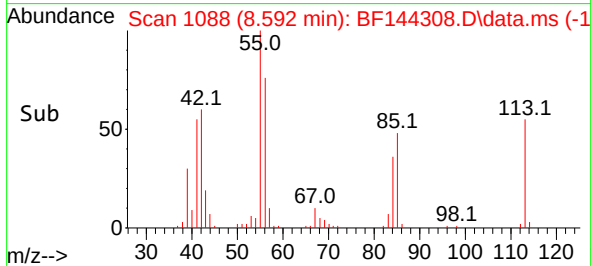
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:113 Resp: 49480
Ion Ratio Lower Upper
113 100
55 181.7 166.8 206.8
56 138.4 125.9 165.9

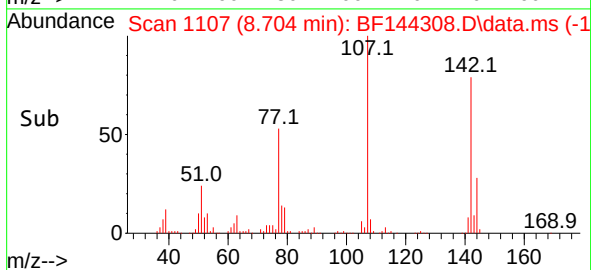
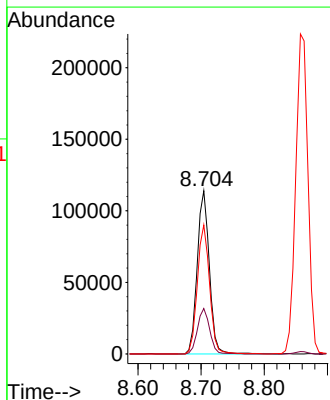
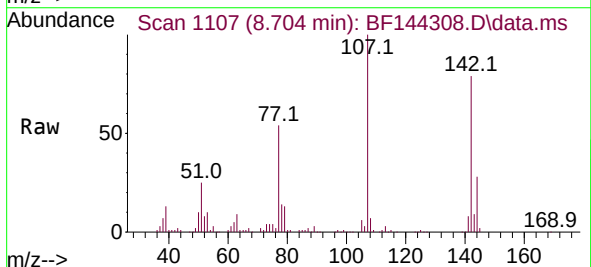
Manual Integrations
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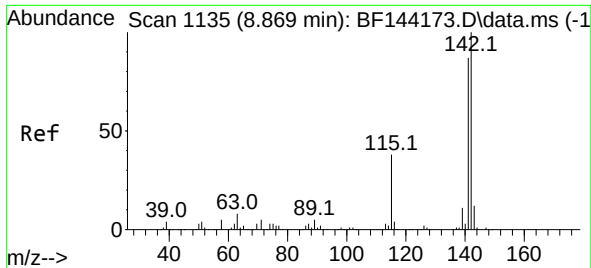
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#36
4-Chloro-3-methylphenol
Concen: 42.818 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:107 Resp: 152030
Ion Ratio Lower Upper
107 100
144 27.8 23.3 34.9
142 79.0 63.8 95.6





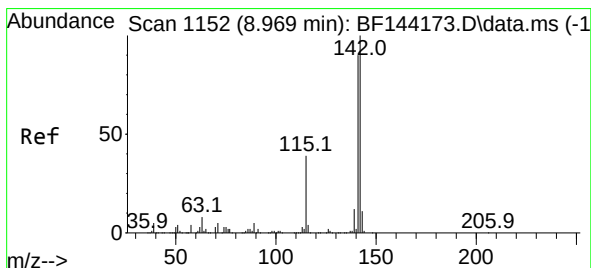
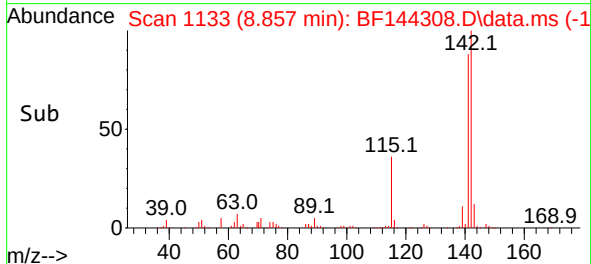
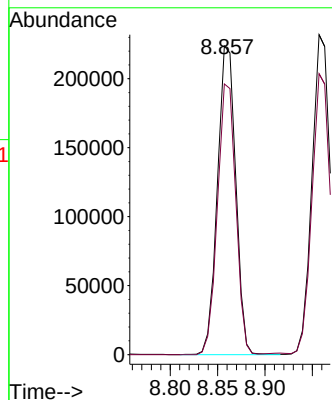
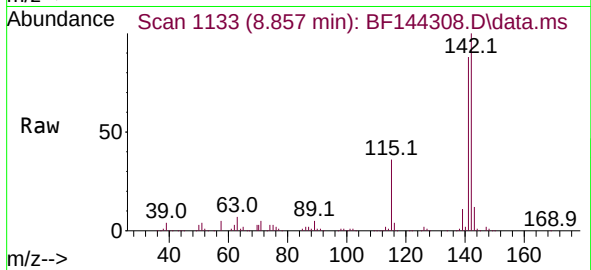
#37
2-Methylnaphthalene
Concen: 38.363 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:142 Resp: 300684
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

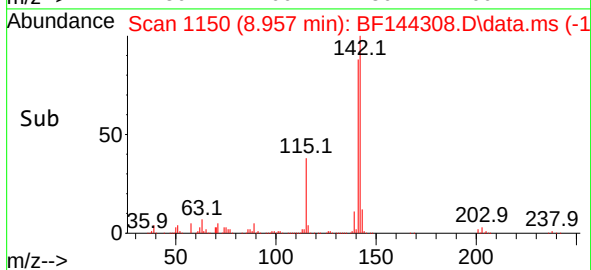
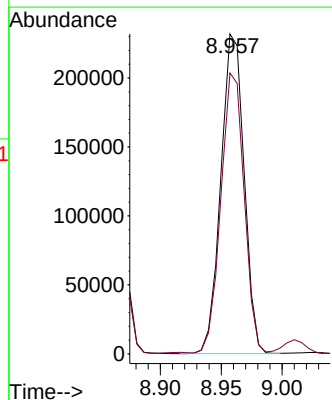
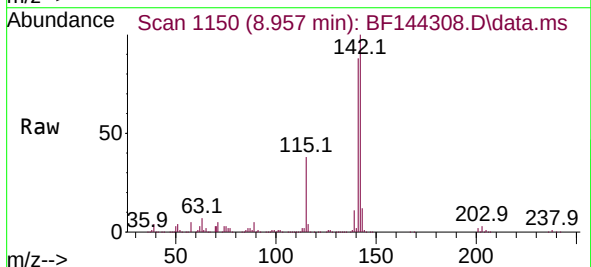
Manual Integrations
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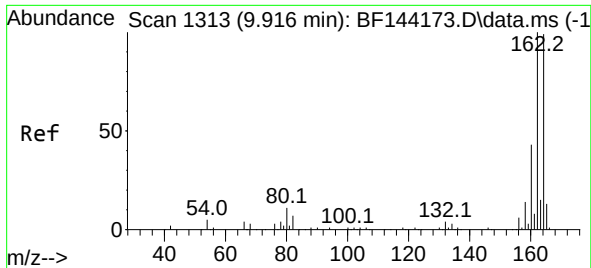
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#38
1-Methylnaphthalene
Concen: 40.804 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

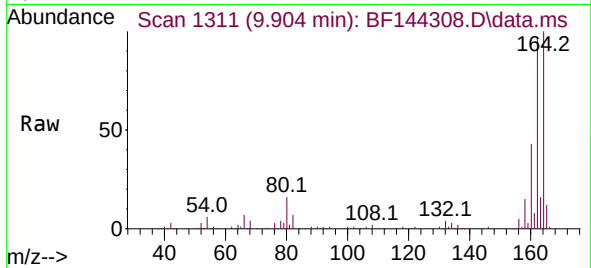
Tgt Ion:142 Resp: 308586
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

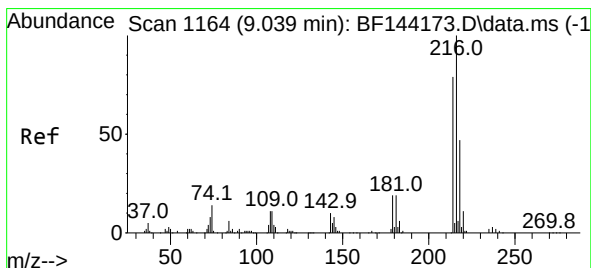
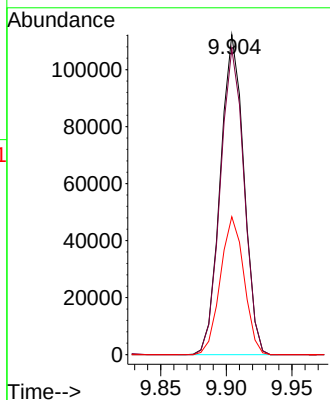
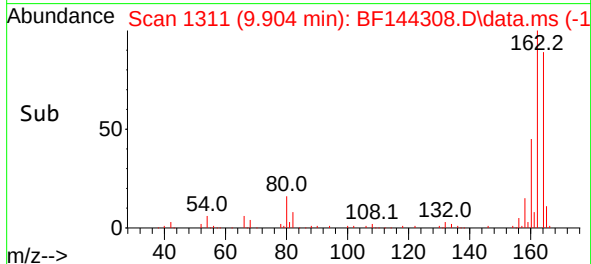
Instrument :
BNA_F
ClientSampleId :
PB170680BS



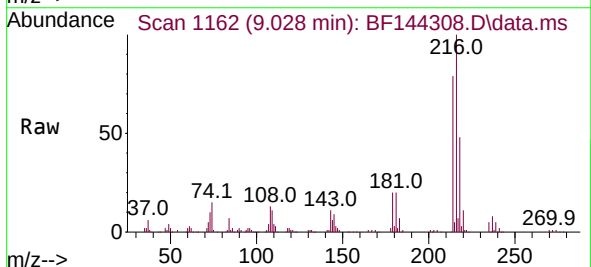
Tgt Ion:164 Resp: 140544
Ion Ratio Lower Upper
164 100
162 95.6 81.1 121.7
160 43.1 34.5 51.7

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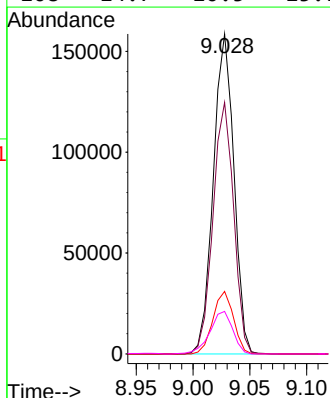
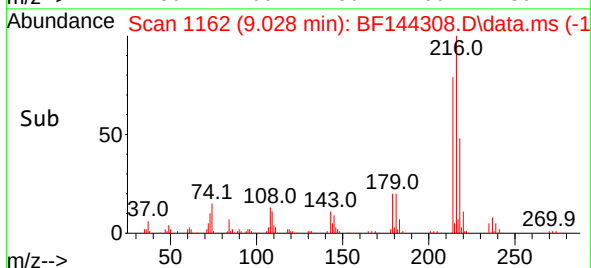
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

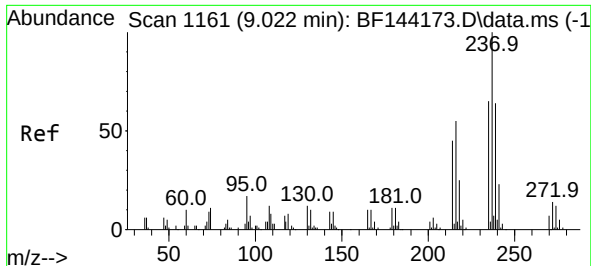


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.397 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



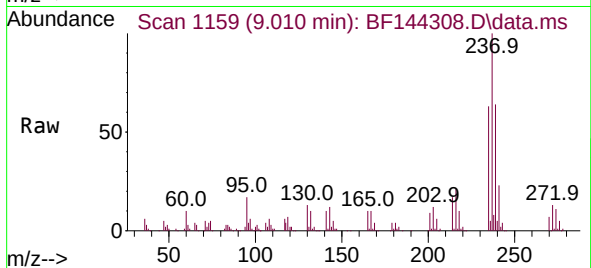
Tgt Ion:216 Resp: 199888
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 19.5 15.0 22.4
108 14.7 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 74.531 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

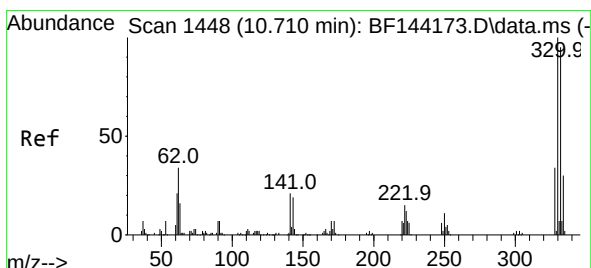
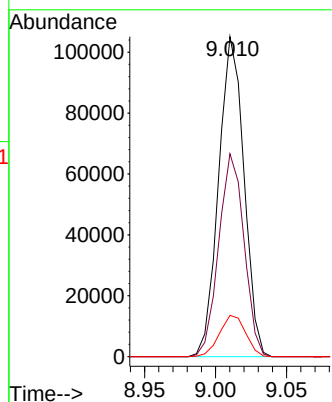
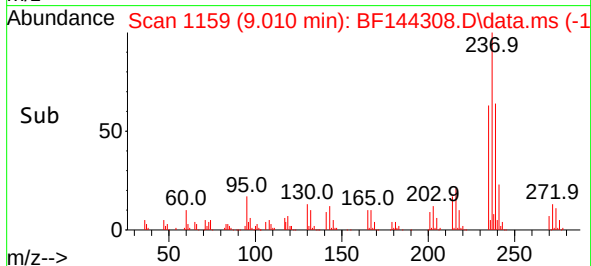
Instrument :
BNA_F
ClientSampleId :
PB170680BS



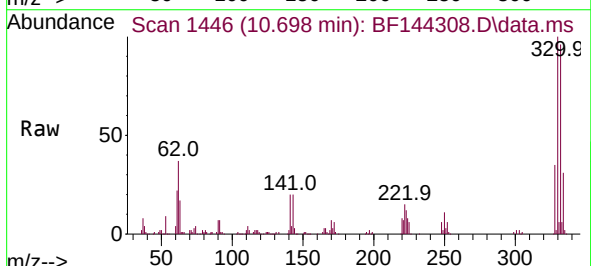
Tgt Ion:237 Resp: 130397
Ion Ratio Lower Upper
237 100
235 63.4 45.5 85.5
272 12.9 0.0 33.5

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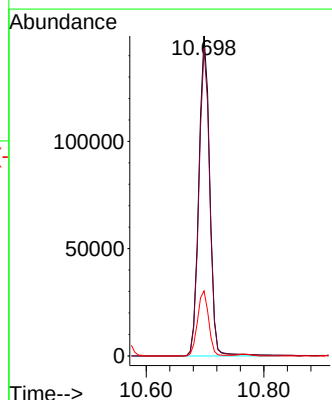
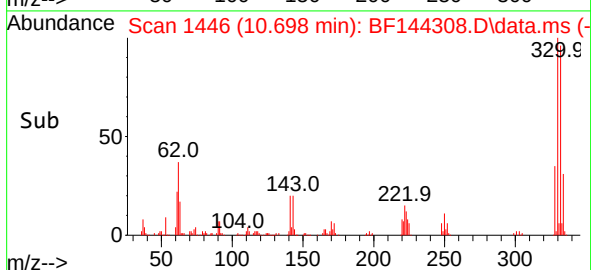
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

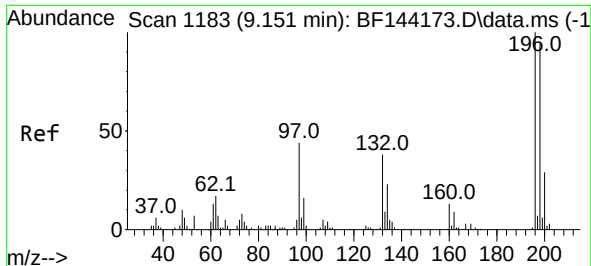


#42
2,4,6-Tribromophenol
Concen: 108.864 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:330 Resp: 191999
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 20.6 17.8 26.8





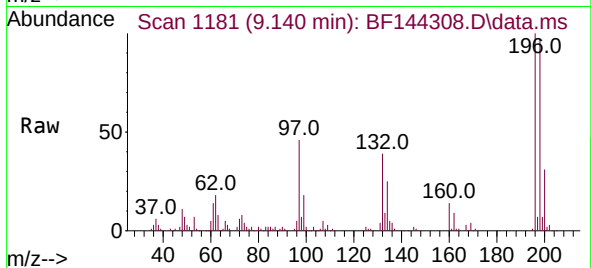
#43
2,4,6-Trichlorophenol
Concen: 40.415 ng
RT: 9.140 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS

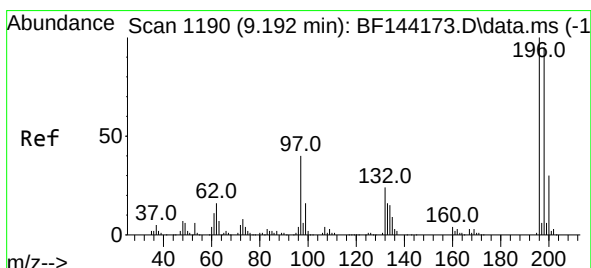
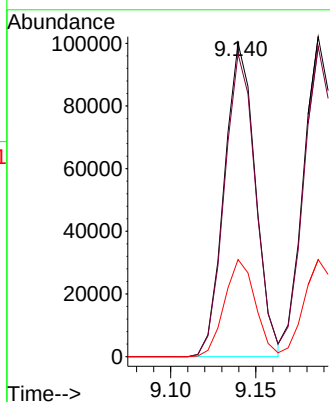
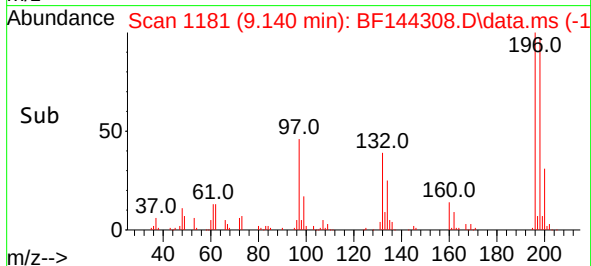


Tgt Ion:196 Resp: 12670
Ion Ratio Lower Upper
196 100
198 96.5 75.3 112.9
200 30.9 23.4 35.2

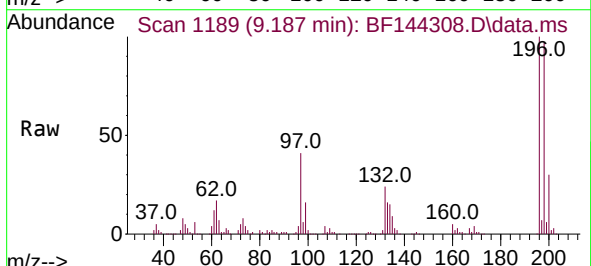
Manual Integrations

APPROVED

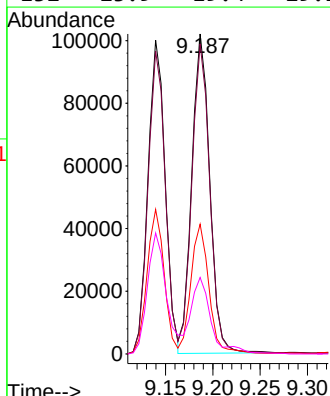
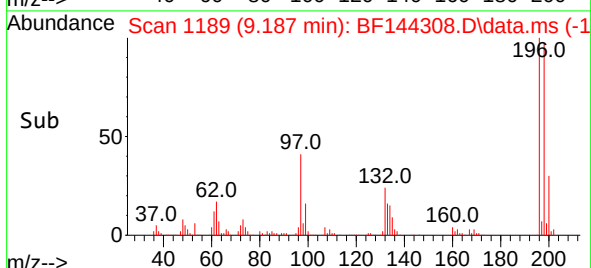
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

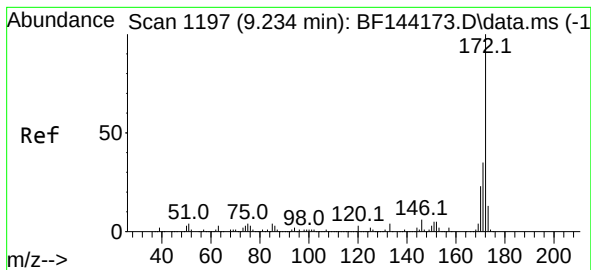


#44
2,4,5-Trichlorophenol
Concen: 39.752 ng
RT: 9.187 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:196 Resp: 134315
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
97 40.5 31.9 47.9
132 23.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 75.225 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS

Tgt Ion:172 Resp: 715833

Ion Ratio Lower Upper

172 100

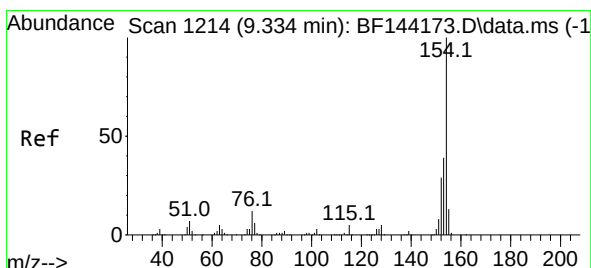
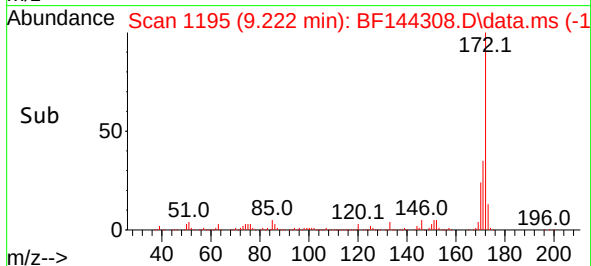
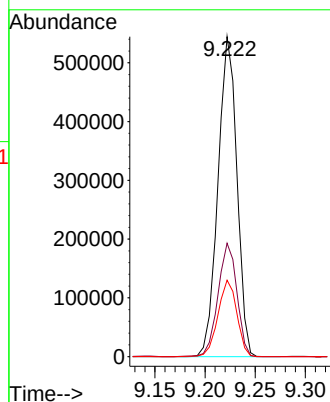
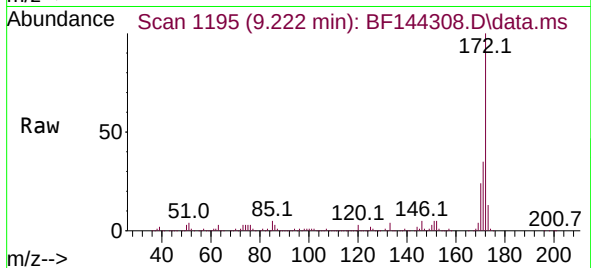
171 35.4 28.1 42.1

170 23.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#46

1,1'-Biphenyl

Concen: 44.448 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

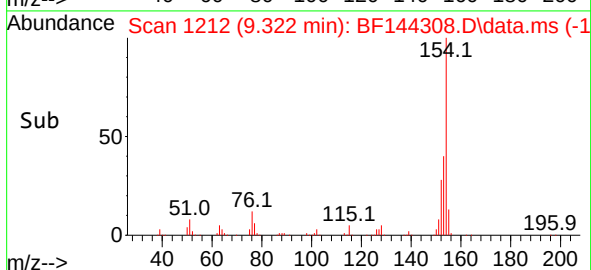
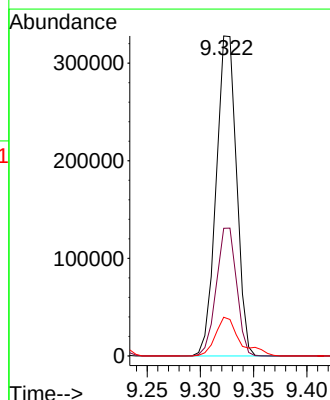
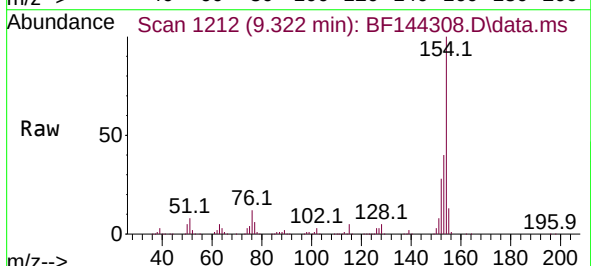
Tgt Ion:154 Resp: 436053

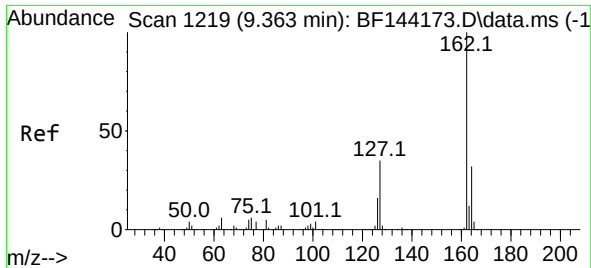
Ion Ratio Lower Upper

154 100

153 39.9 19.2 59.2

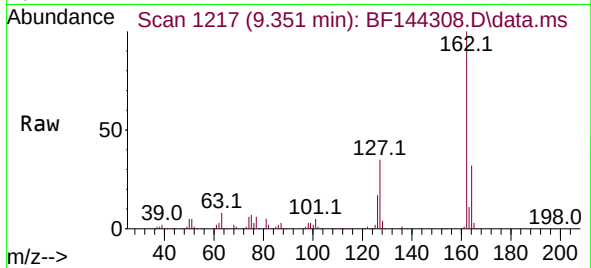
76 12.1 0.0 31.8





#47
2-Chloronaphthalene
Concen: 40.463 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

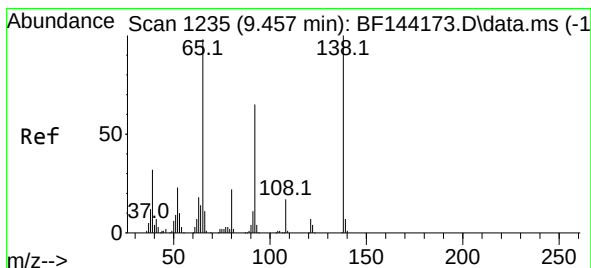
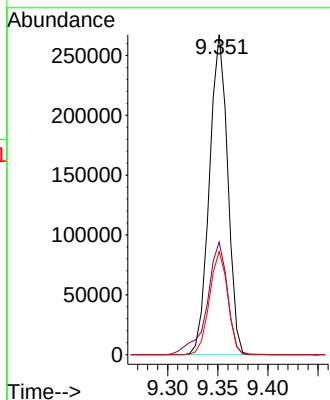
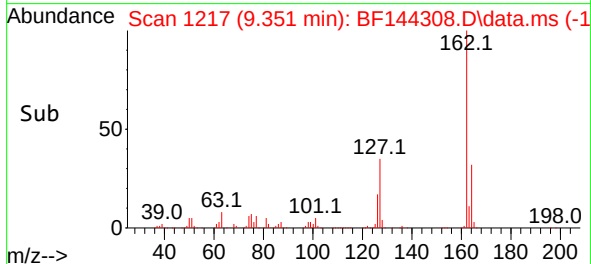
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:162 Resp: 338606
Ion Ratio Lower Upper
162 100
127 35.2 28.8 43.2
164 32.2 25.8 38.8

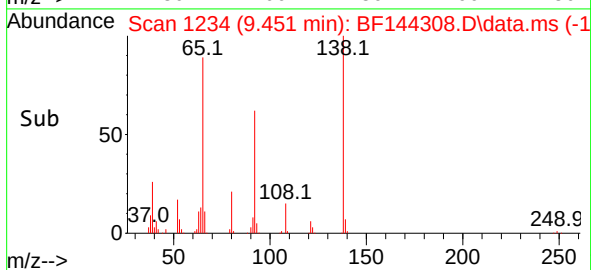
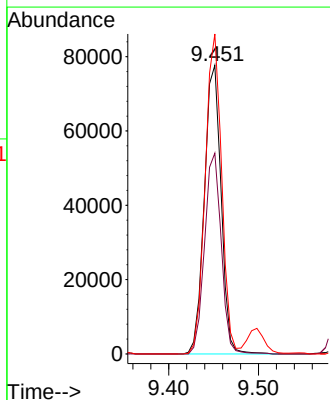
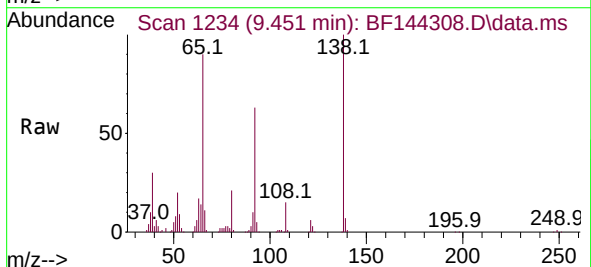
Manual Integrations
APPROVED

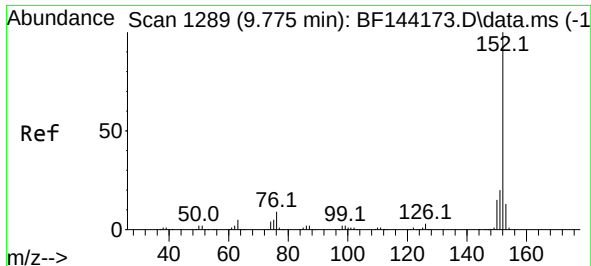
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#48
2-Nitroaniline
Concen: 41.845 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion: 65 Resp: 101038
Ion Ratio Lower Upper
65 100
92 69.6 53.0 79.6
138 110.9 81.6 122.4





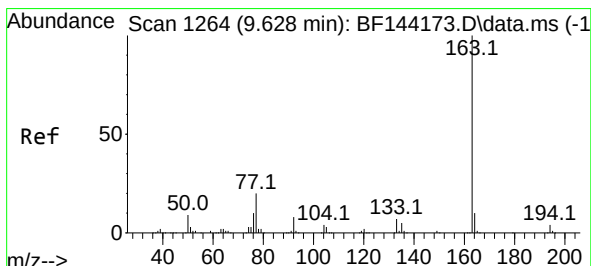
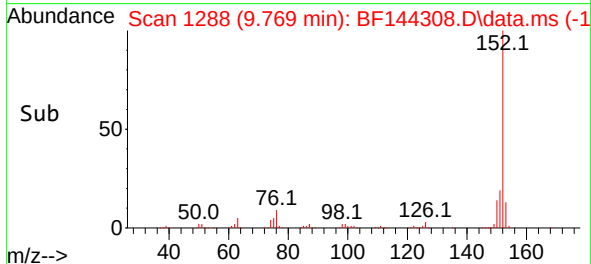
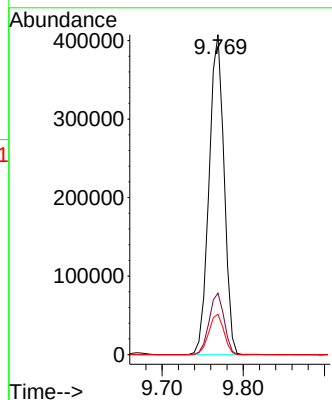
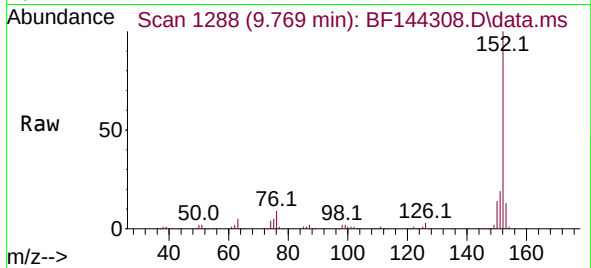
#49
Acenaphthylene
Concen: 46.016 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:152 Resp: 524763
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.6 10.5 15.7

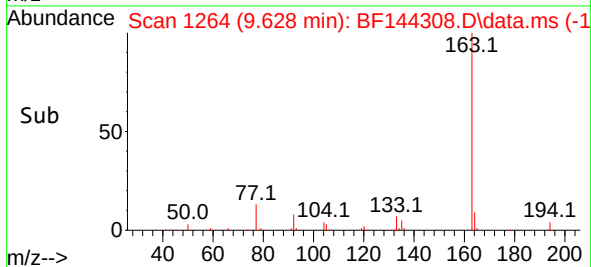
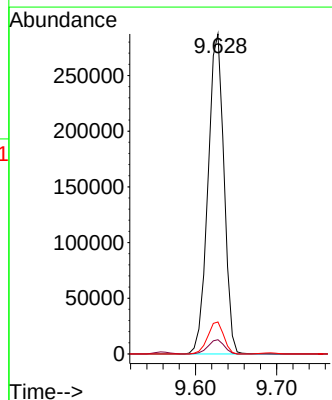
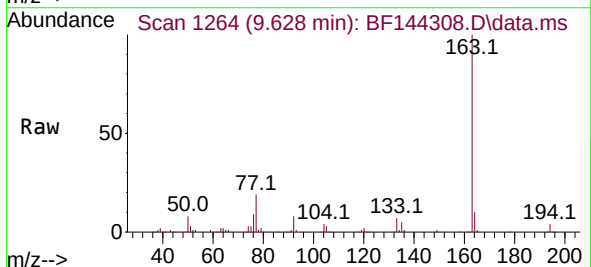
Manual Integrations
APPROVED

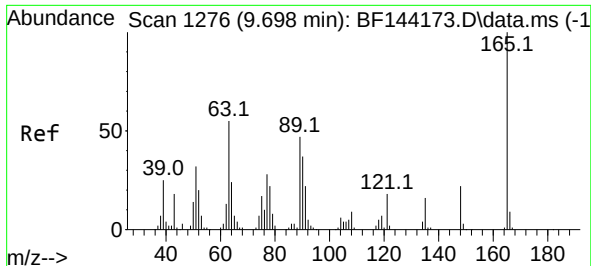
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#50
Dimethylphthalate
Concen: 42.246 ng
RT: 9.628 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:163 Resp: 393339
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.638 ng

RT: 9.692 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

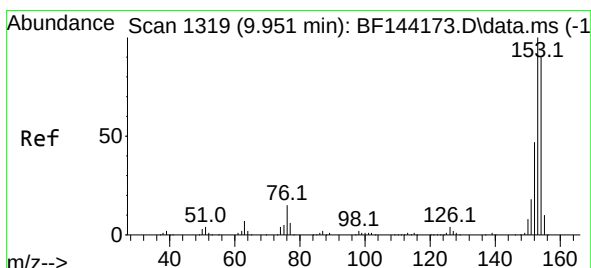
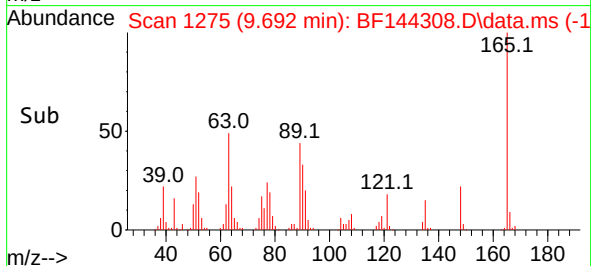
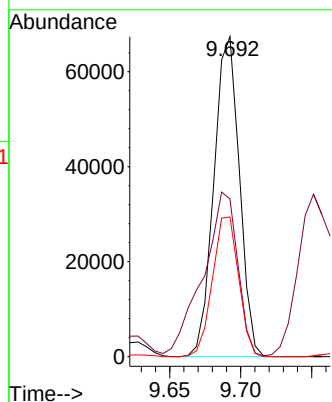
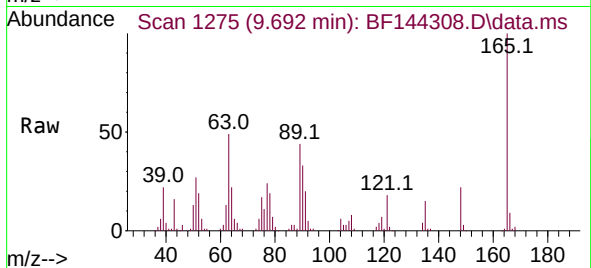
PB170680BS

Tgt Ion:165	Resp:	84134
Ion Ratio	Lower	Upper
165	100	
63	49.3	43.8 65.8
89	43.6	37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#52

Acenaphthene

Concen: 37.498 ng

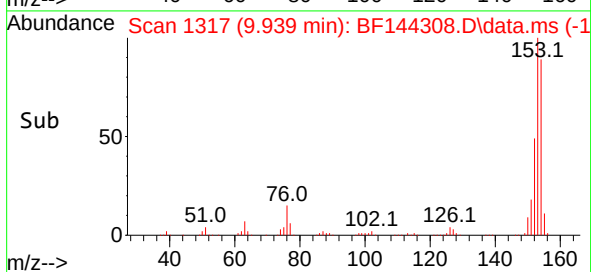
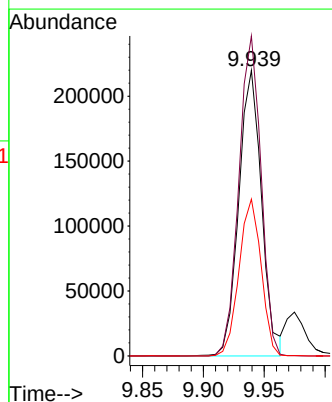
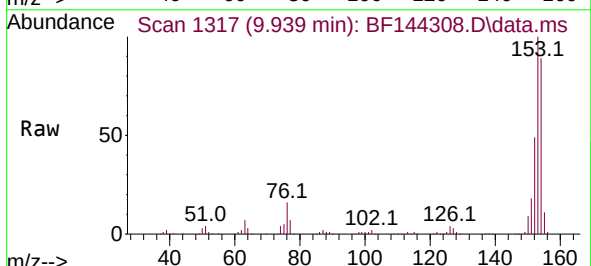
RT: 9.939 min Scan# 1317

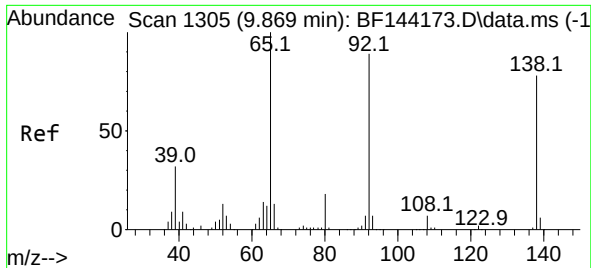
Delta R.T. -0.006 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

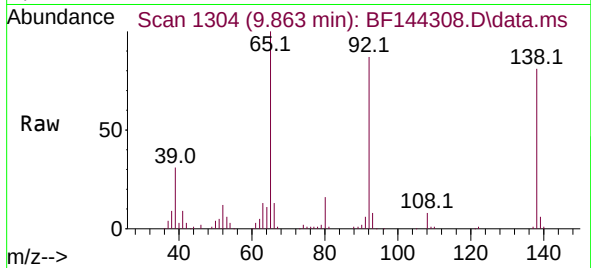
Tgt Ion:154	Resp:	285957
Ion Ratio	Lower	Upper
154	100	
153	112.1	89.0 133.4
152	54.9	42.2 63.4





#53
3-Nitroaniline
Concen: 31.226 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

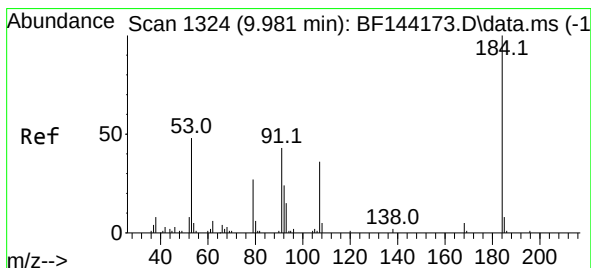
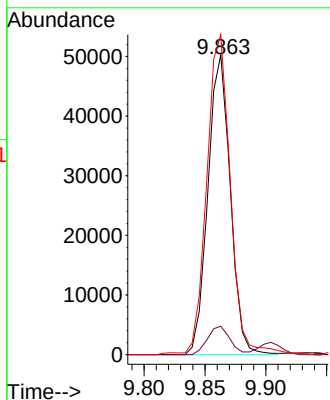
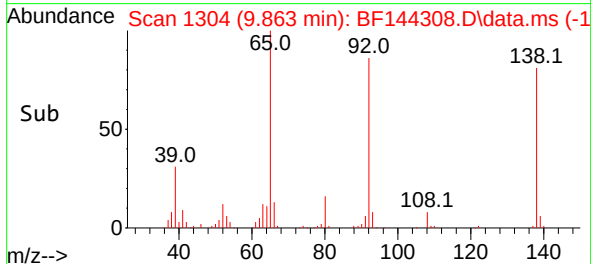
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:138 Resp: 64336
Ion Ratio Lower Upper
138 100
108 9.5 7.5 11.3
92 106.8 91.8 137.6

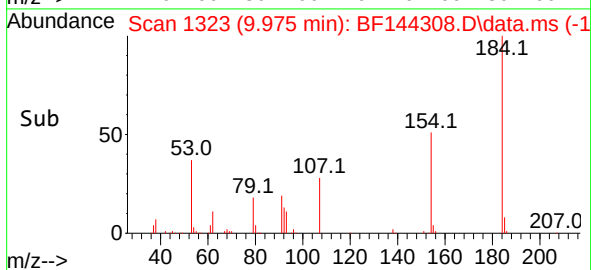
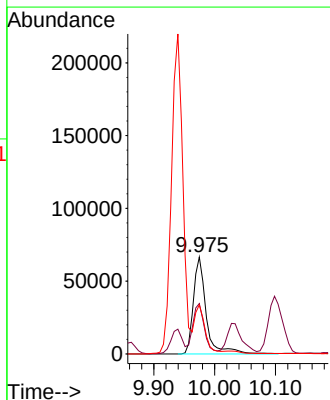
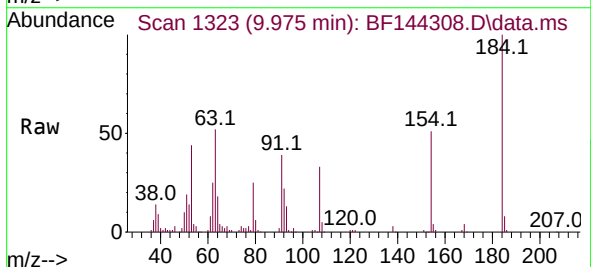
Manual Integrations
APPROVED

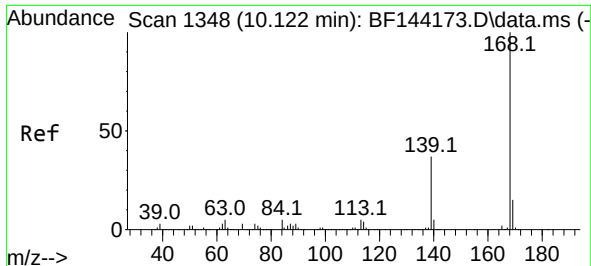
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#54
2,4-Dinitrophenol
Concen: 85.534 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

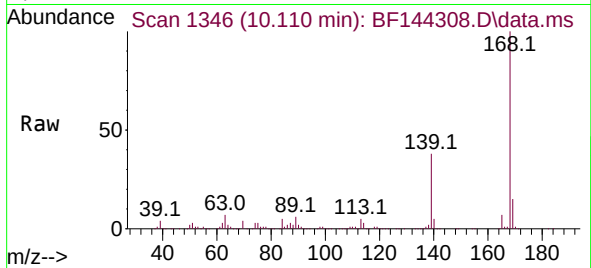
Tgt Ion:184 Resp: 97350
Ion Ratio Lower Upper
184 100
63 51.8 44.0 66.0
154 50.6 42.4 63.6





#55
Dibenzenofuran
Concen: 40.051 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

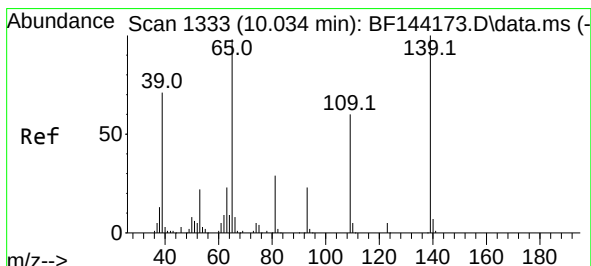
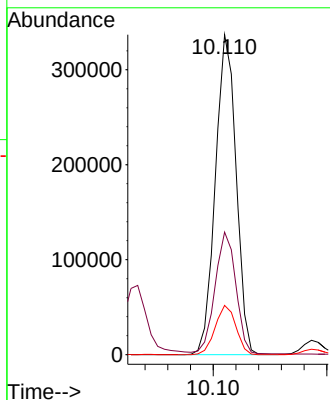
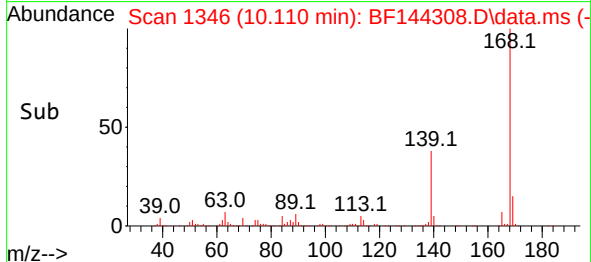
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:168 Resp: 427759
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2
169 15.4 12.2 18.4

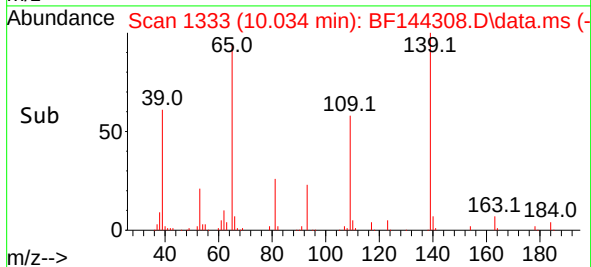
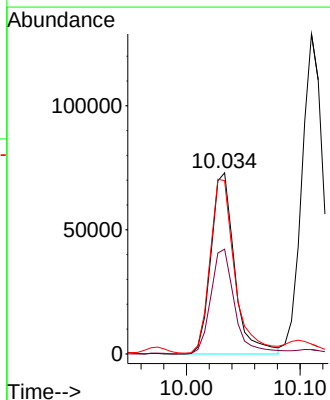
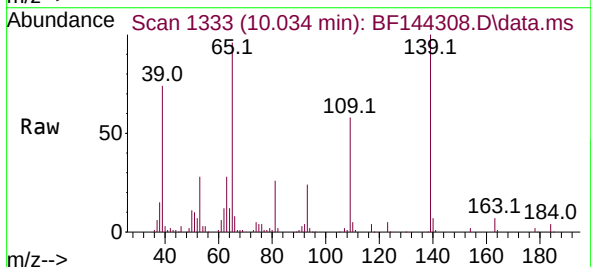
Manual Integrations
APPROVED

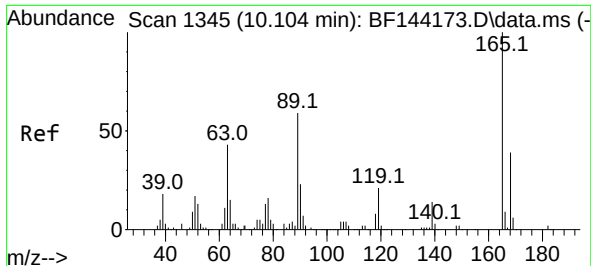
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#56
4-Nitrophenol
Concen: 70.755 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:139 Resp: 105453
Ion Ratio Lower Upper
139 100
109 57.8 39.9 79.9
65 95.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 10.098 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

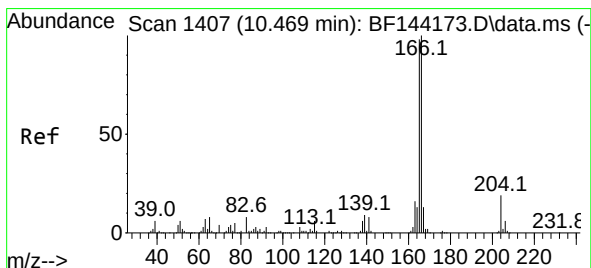
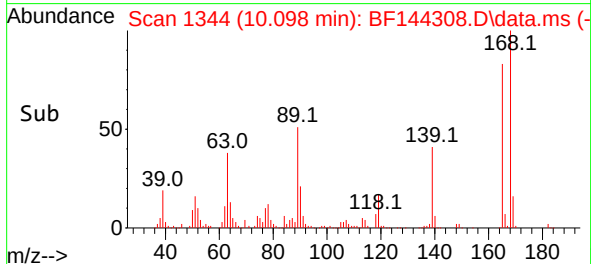
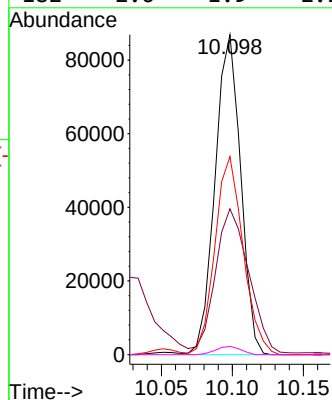
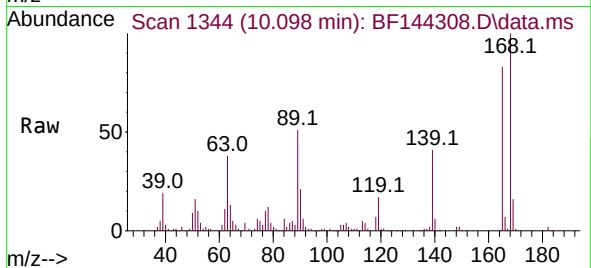
PB170680BS

Tgt Ion:165 Resp: 108823
Ion Ratio Lower Upper
165 100
63 45.6 35.5 53.3
89 61.9 47.4 71.2
182 2.6 1.9 2.9

Manual Integrations

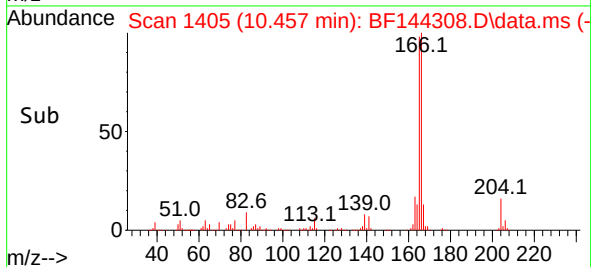
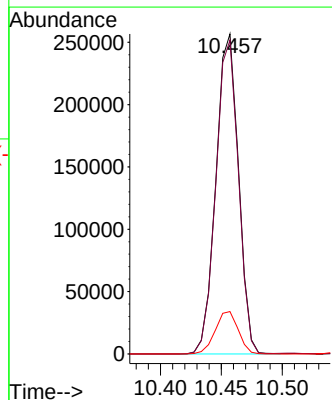
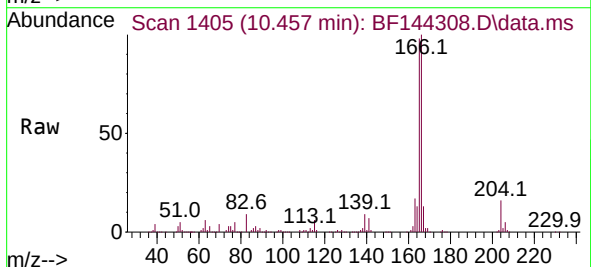
APPROVED

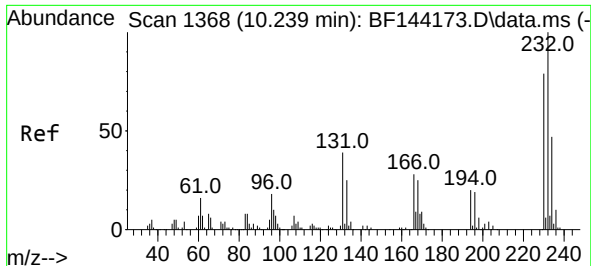
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#58
Fluorene
Concen: 40.767 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

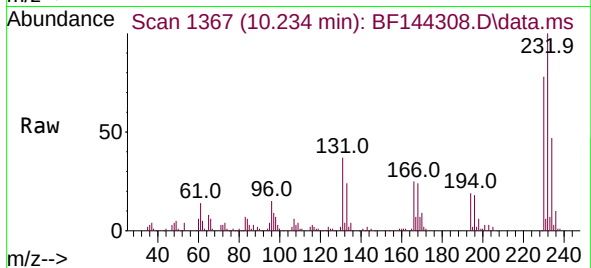
Tgt Ion:166 Resp: 331046
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.389 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

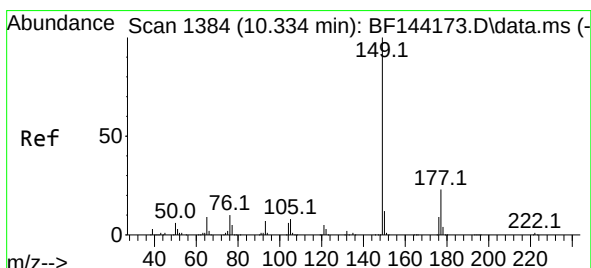
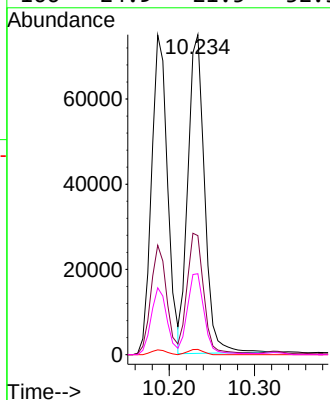
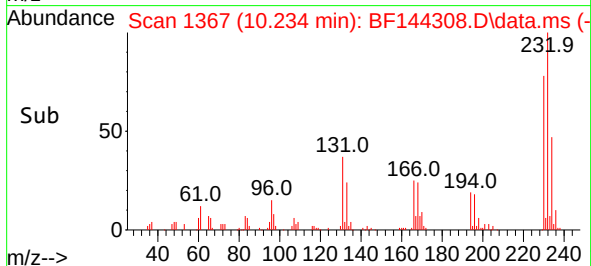
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:232 Resp: 101333
Ion Ratio Lower Upper
232 100
131 37.5 30.3 45.5
130 1.5 1.2 1.8
166 24.9 21.5 32.3

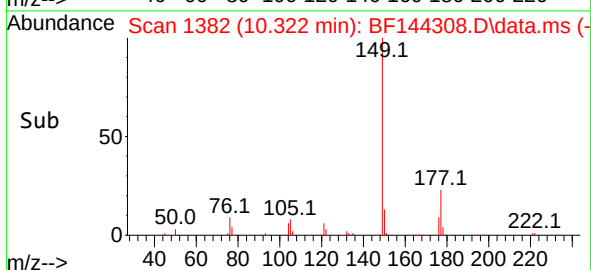
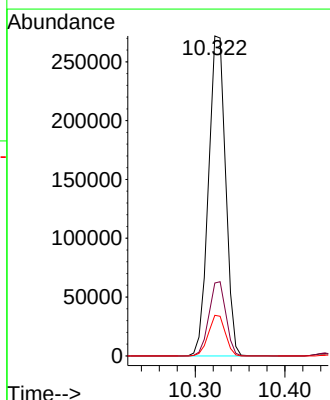
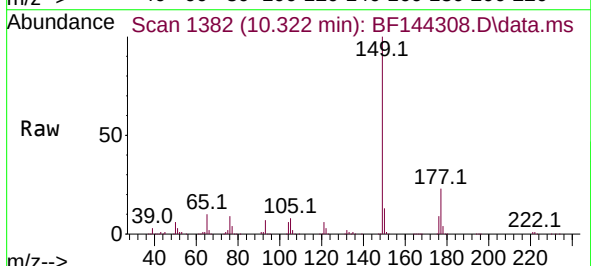
Manual Integrations
APPROVED

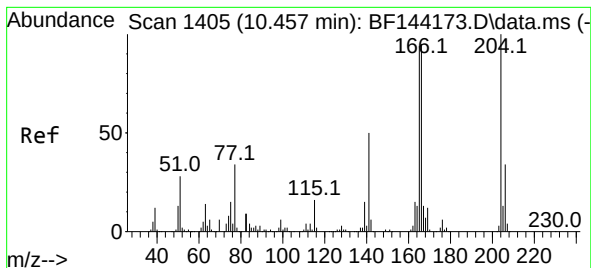
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#60
Diethylphthalate
Concen: 42.077 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

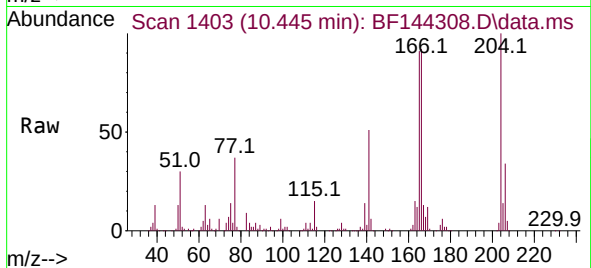
Tgt Ion:149 Resp: 361154
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 39.238 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

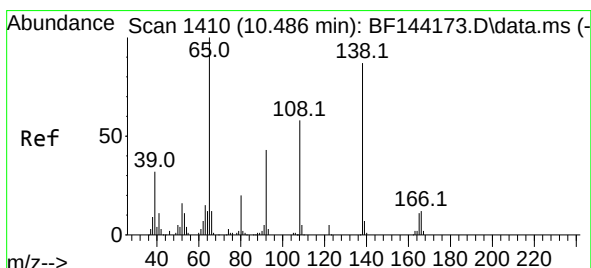
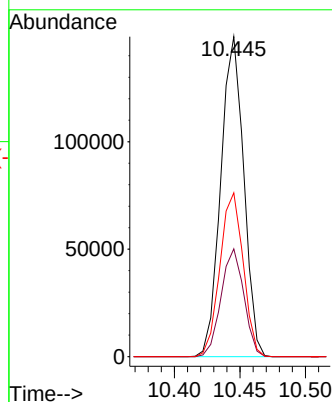
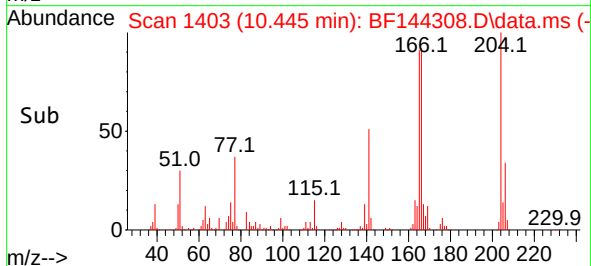
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:204 Resp: 18149
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 51.2 40.0 60.0

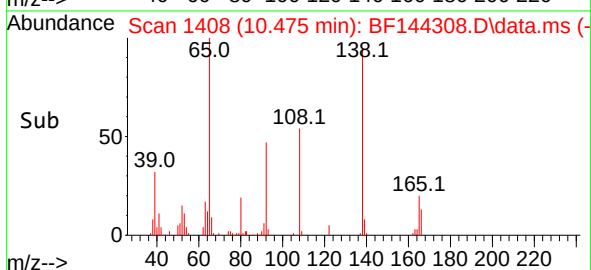
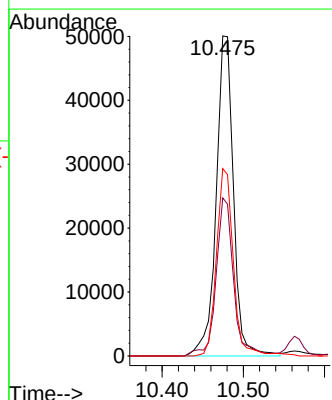
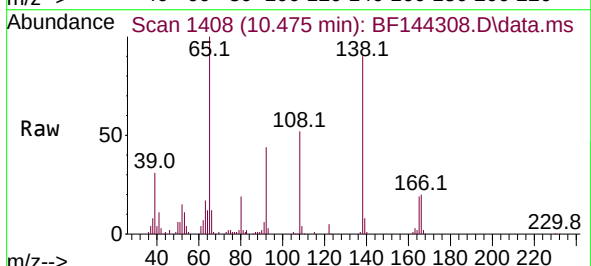
Manual Integrations
APPROVED

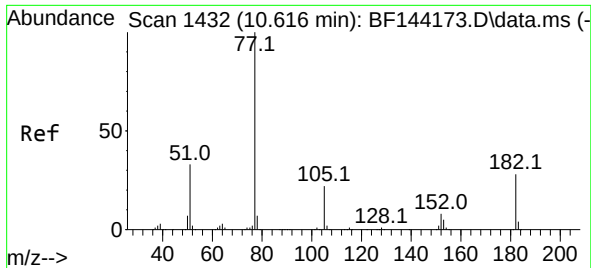
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#62
4-Nitroaniline
Concen: 37.761 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:138 Resp: 74093
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 58.5 46.4 86.4





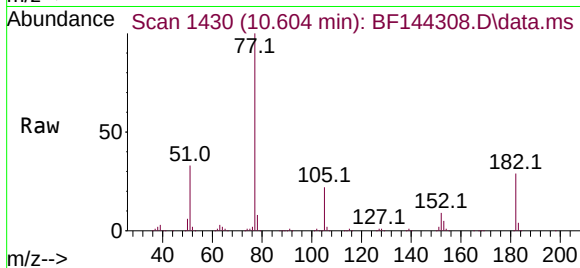
#63
Azobenzene
Concen: 42.294 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS

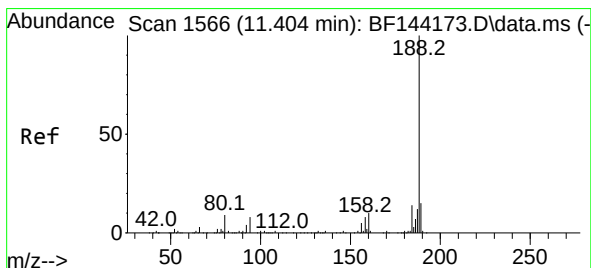
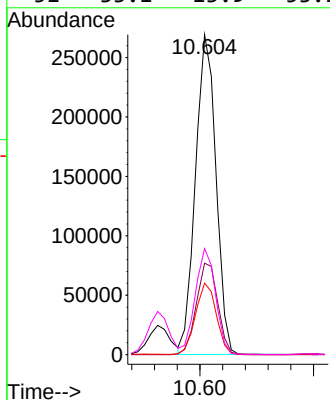
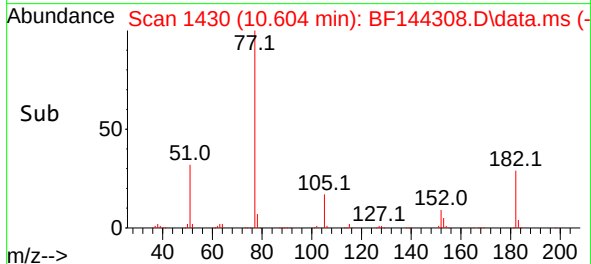


Tgt Ion: 77 Resp: 337845
Ion Ratio Lower Upper
77 100
182 28.6 8.1 48.1
105 22.3 2.0 42.0
51 33.1 13.9 53.9

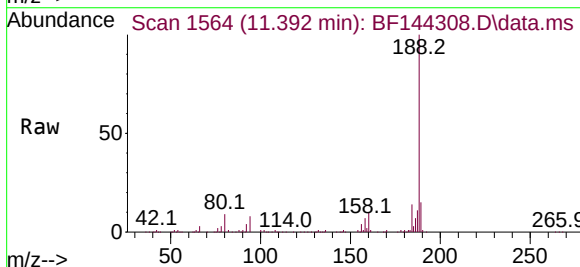
Manual Integrations

APPROVED

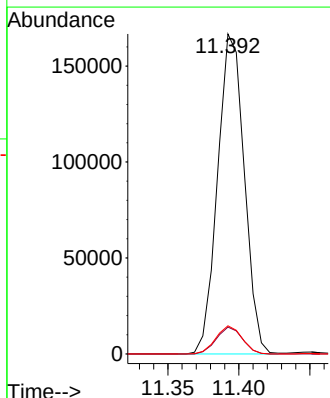
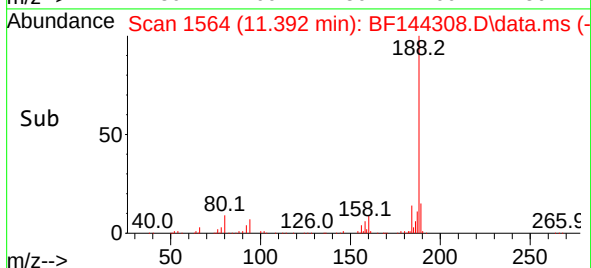
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

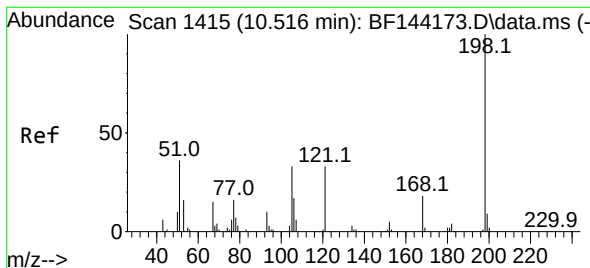


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:188 Resp: 217984
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.8 6.9 10.3





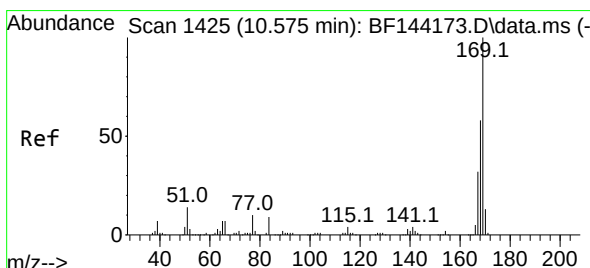
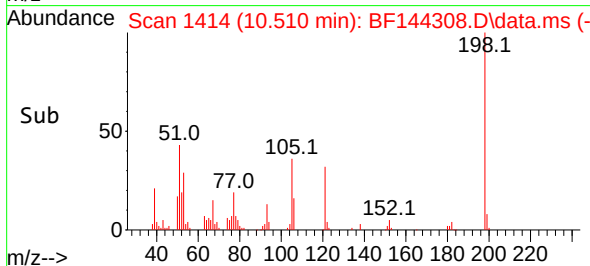
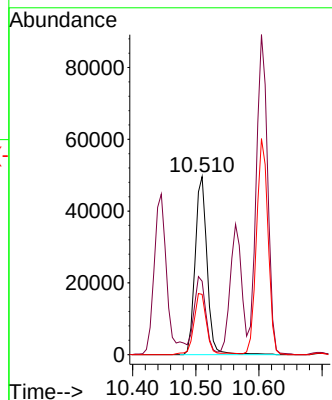
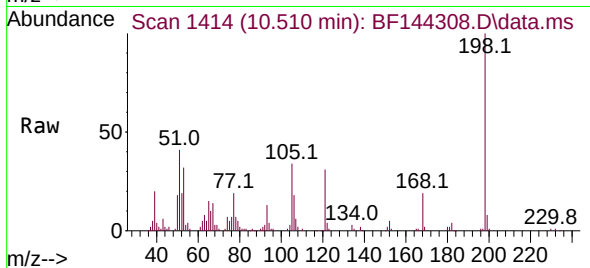
#65
4,6-Dinitro-2-methylphenol
Concen: 44.030 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:198 Resp: 65201
Ion Ratio Lower Upper
198 100
51 41.2 25.6 65.6
105 33.8 14.6 54.6

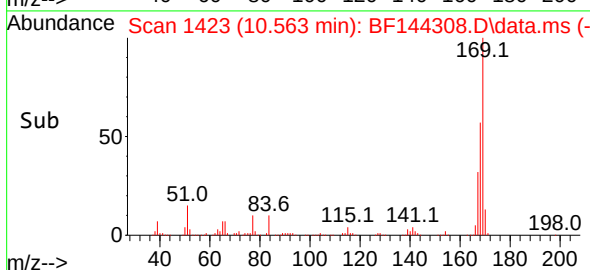
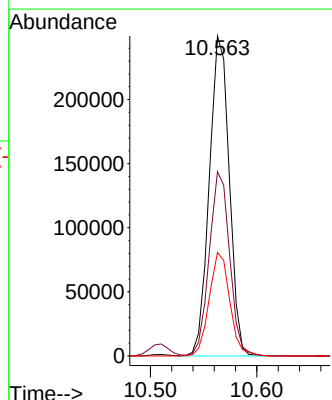
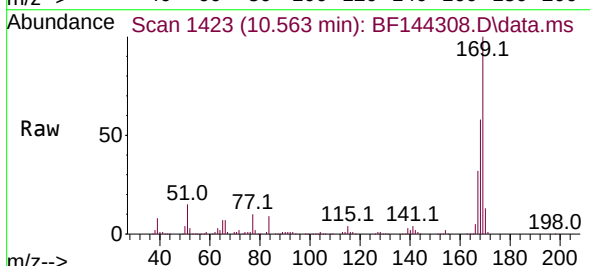
Manual Integrations
APPROVED

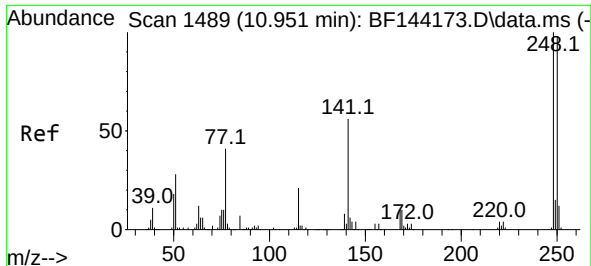
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#66
n-Nitrosodiphenylamine
Concen: 46.271 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

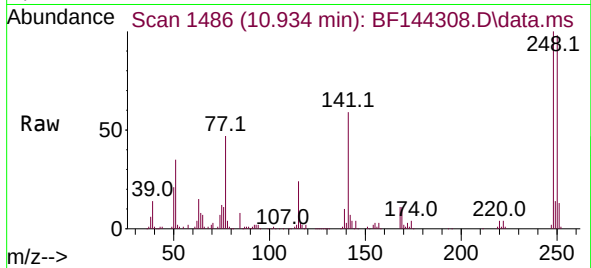
Tgt Ion:169 Resp: 324405
Ion Ratio Lower Upper
169 100
168 57.6 46.2 69.2
167 32.3 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 43.542 ng
RT: 10.934 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

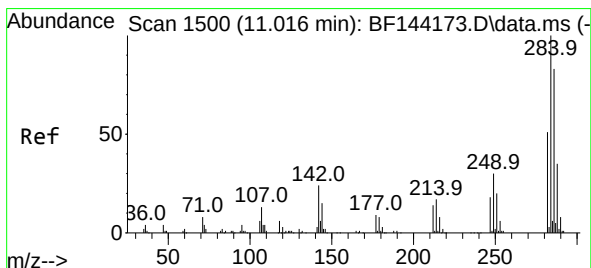
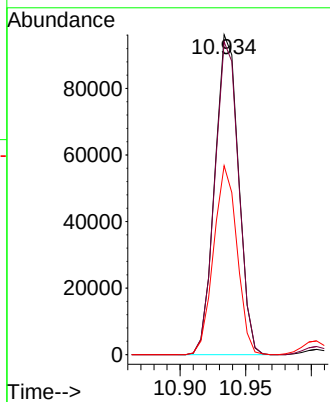
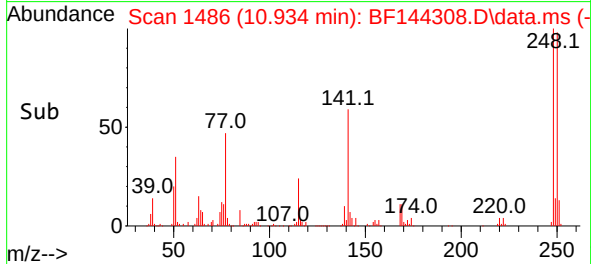
Instrument :
BNA_F
ClientSampleId :
PB170680BS



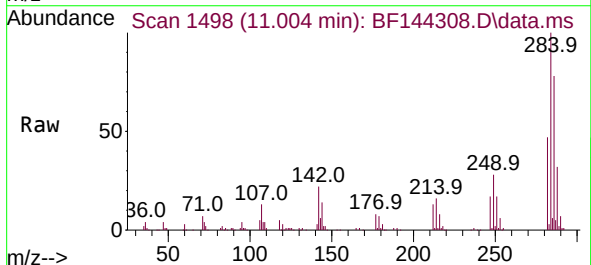
Tgt Ion:248 Resp: 121149
Ion Ratio Lower Upper
248 100
250 97.7 78.4 117.6
141 59.0 45.1 67.7

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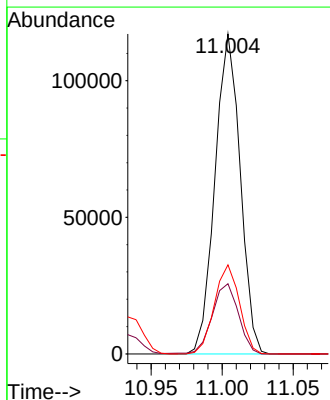
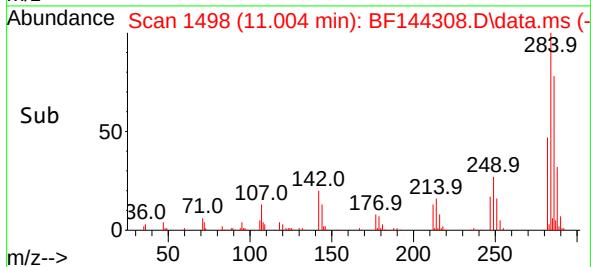
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

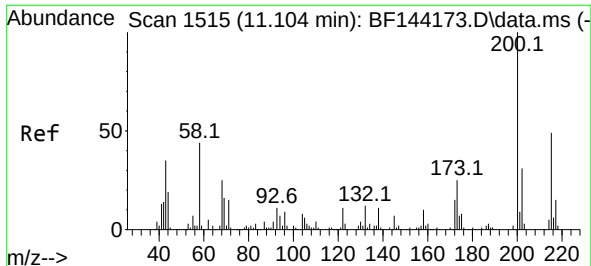


#68
Hexachlorobenzene
Concen: 44.178 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



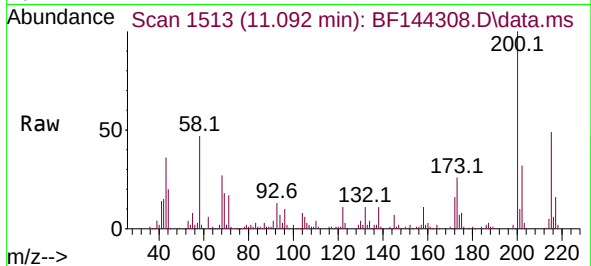
Tgt Ion:284 Resp: 144783
Ion Ratio Lower Upper
284 100
142 21.9 19.2 28.8
249 27.8 23.8 35.8





#69
Atrazine
Concen: 44.538 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

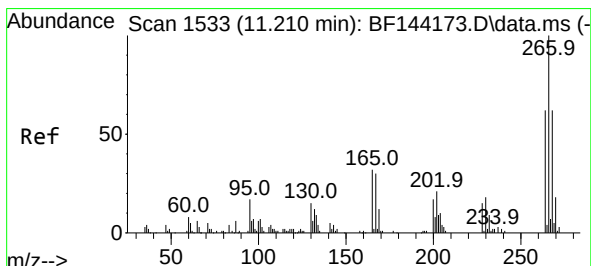
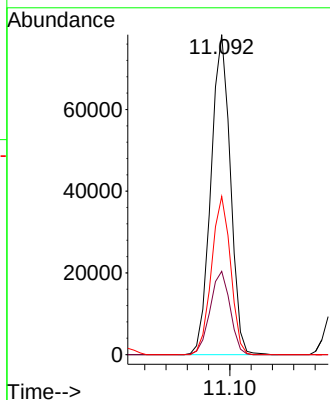
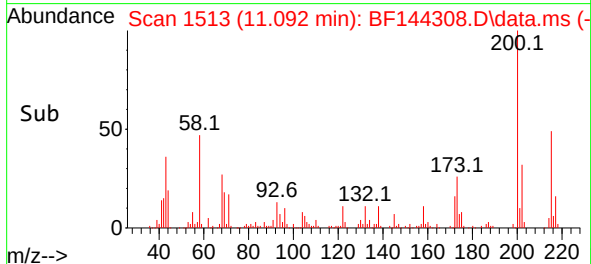
Instrument :
BNA_F
ClientSampleId :
PB170680BS



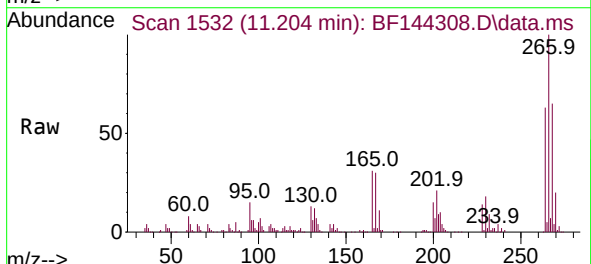
Tgt Ion:200 Resp: 99303
Ion Ratio Lower Upper
200 100
173 26.0 5.0 45.0
215 49.4 28.7 68.7

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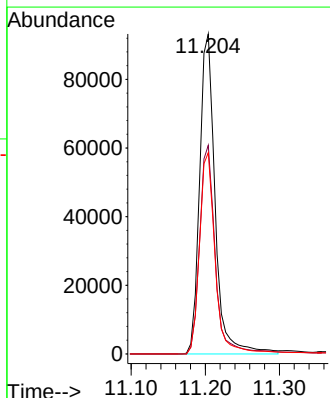
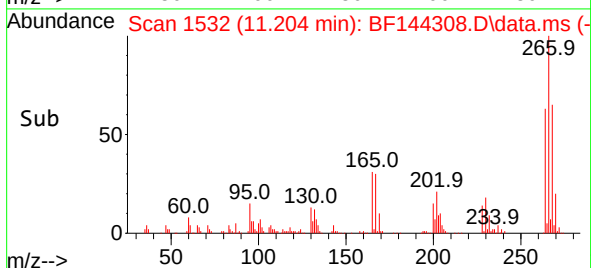
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

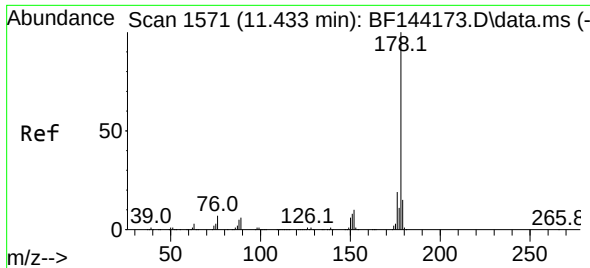


#70
Pentachlorophenol
Concen: 83.361 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:266 Resp: 136040
Ion Ratio Lower Upper
266 100
268 65.2 49.5 74.3
264 62.9 49.4 74.2





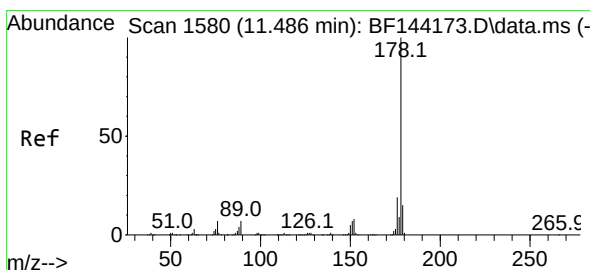
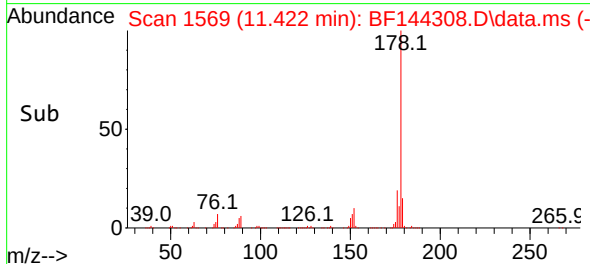
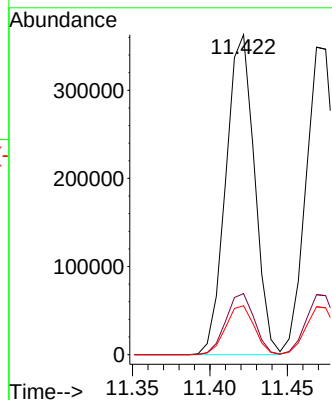
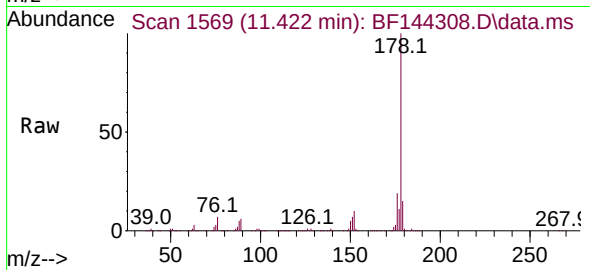
#71
Phenanthrene
Concen: 43.085 ng
RT: 11.422 min Scan# 11422
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :
BNA_F
ClientSampleId :
PB170680BS

Tgt Ion:178 Resp: 467605
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.2 18.4

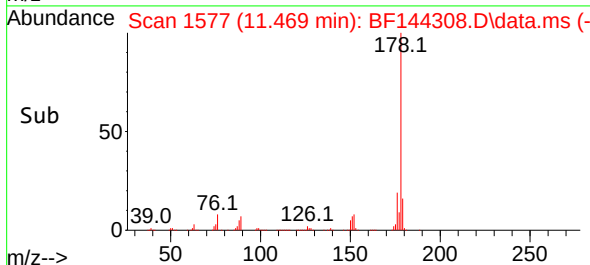
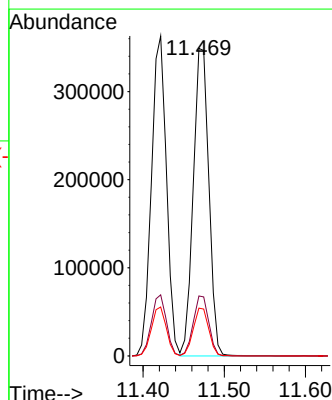
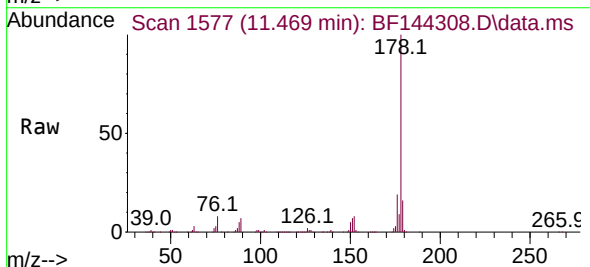
Manual Integrations
APPROVED

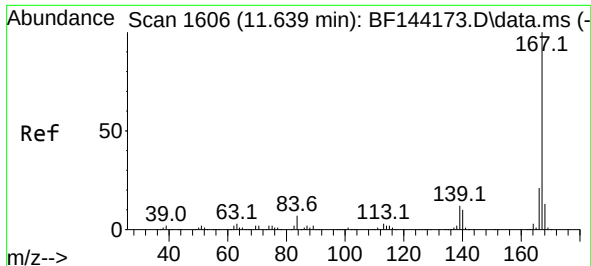
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#72
Anthracene
Concen: 42.032 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

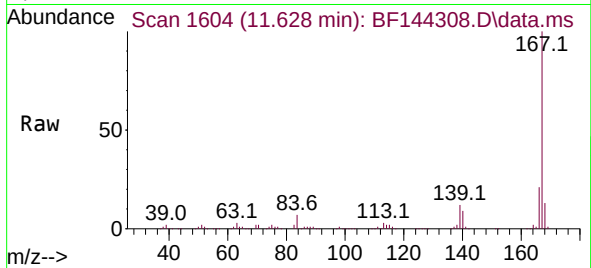
Tgt Ion:178 Resp: 463853
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 42.188 ng
 RT: 11.628 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144308.D
 Acq: 21 Nov 2025 15:03

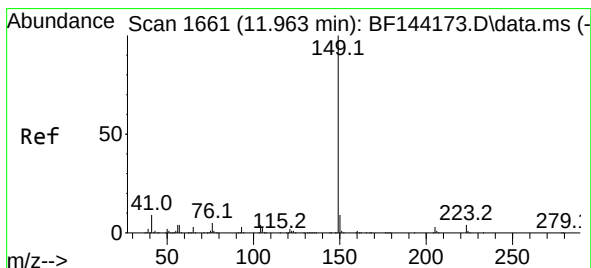
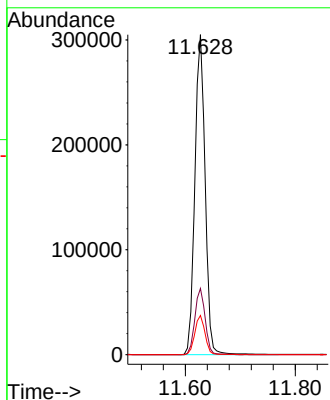
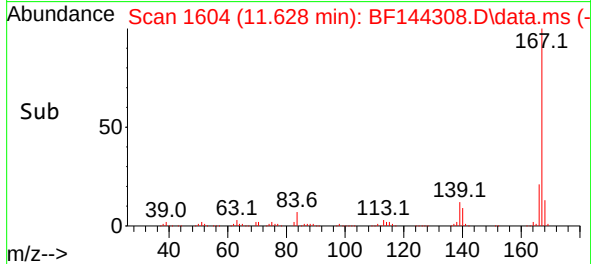
Instrument :
 BNA_F
 ClientSampleId :
 PB170680BS



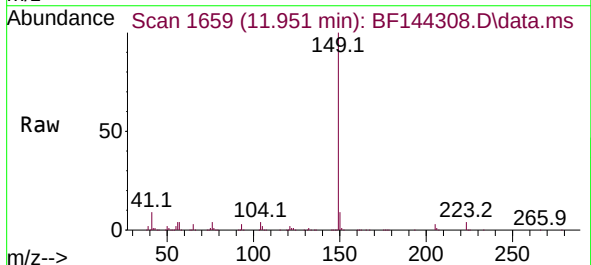
Tgt Ion:167 Resp: 395898
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.2 9.9 14.9

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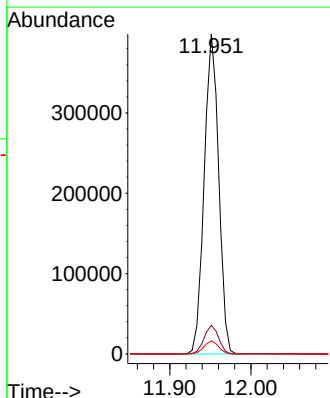
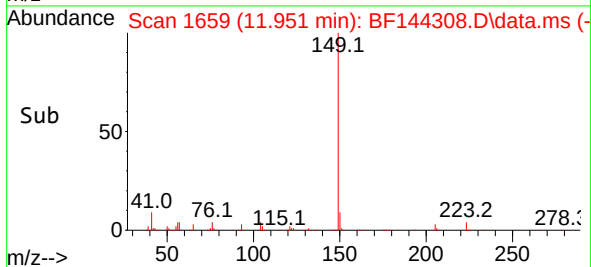
Reviewed By :Jagrut Upadhyay 11/24/2025
 Supervised By :mohammad ahmed 12/03/2025

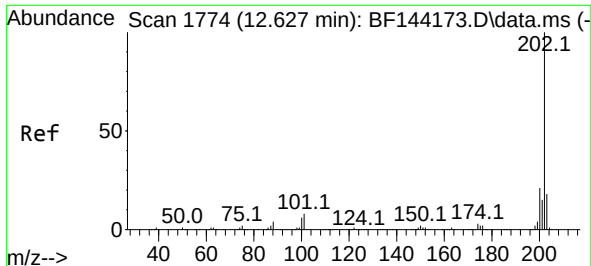


#74
 Di-n-butylphthalate
 Concen: 43.577 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144308.D
 Acq: 21 Nov 2025 15:03



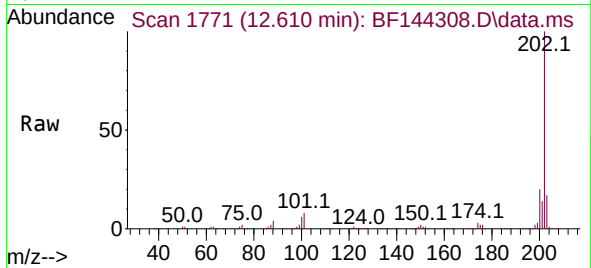
Tgt Ion:149 Resp: 494354
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 41.097 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

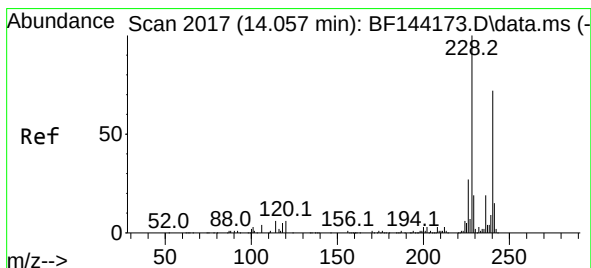
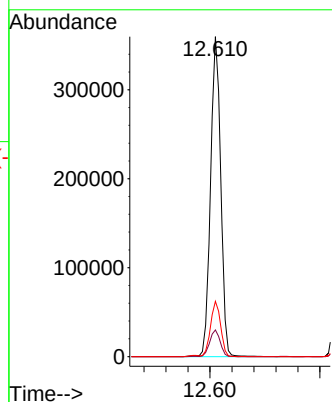
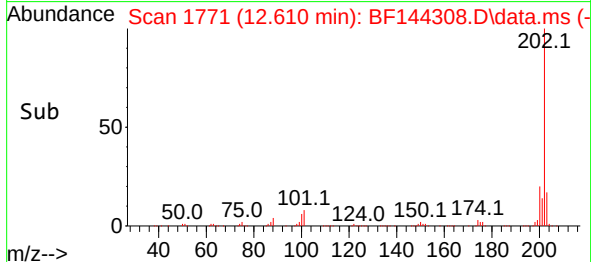
Instrument :
BNA_F
ClientSampleId :
PB170680BS



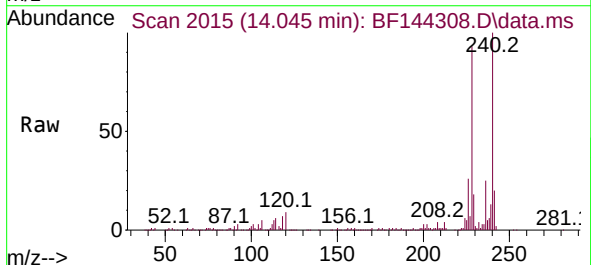
Tgt Ion:202 Resp: 460753
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.9
203 17.3 0.0 37.5

Manual Integrations
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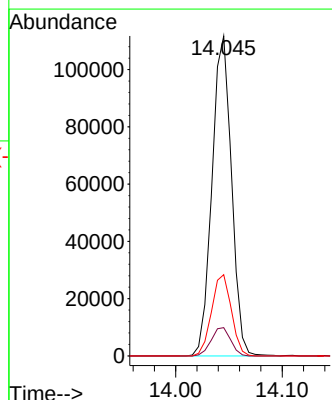
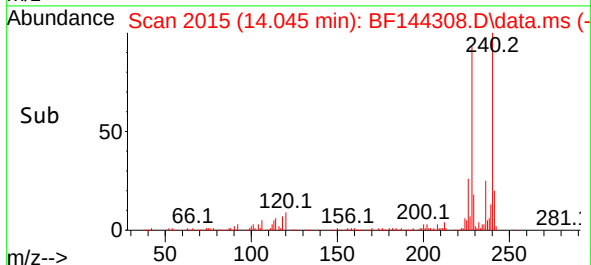
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

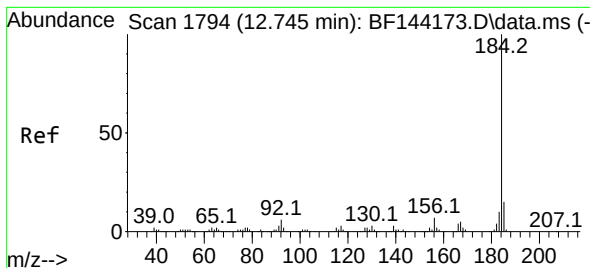


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



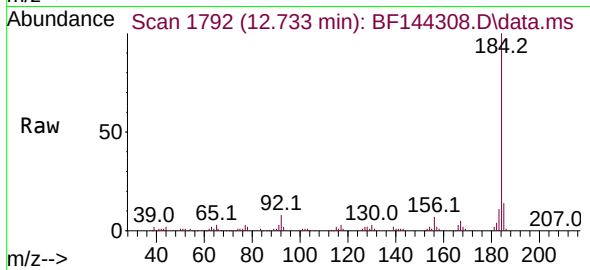
Tgt Ion:240 Resp: 142234
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.4 21.4 32.2





#77
Benzidine
Concen: 19.646 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.017 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

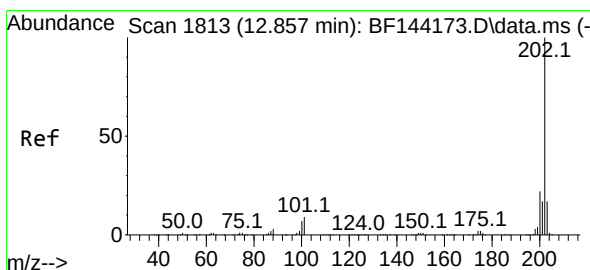
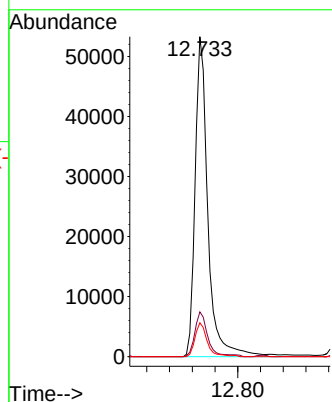
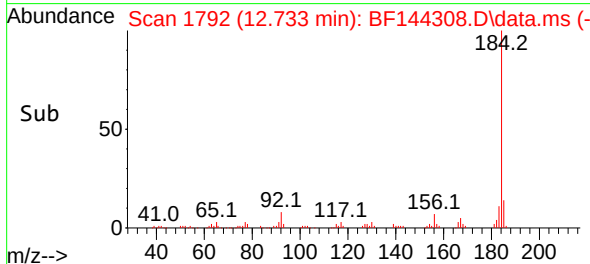
Instrument :
BNA_F
ClientSampleId :
PB170680BS



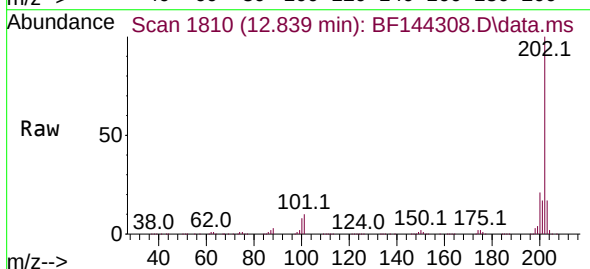
Tgt Ion:184 Resp: 82656
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.6 8.3 12.5

Manual Integrations
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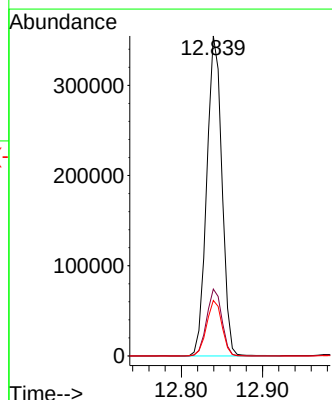
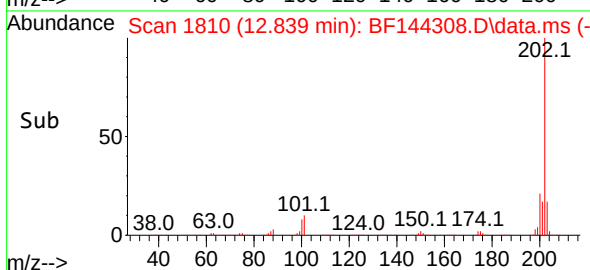
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

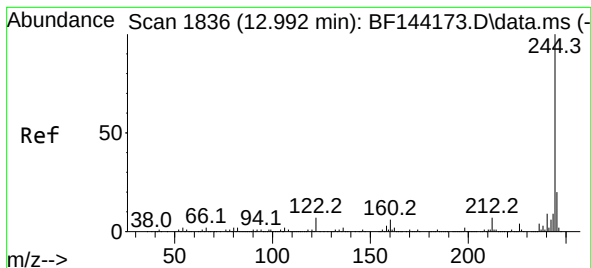


#78
Pyrene
Concen: 40.093 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:202 Resp: 459794
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 73.724 ng

RT: 12.980 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF144308.D

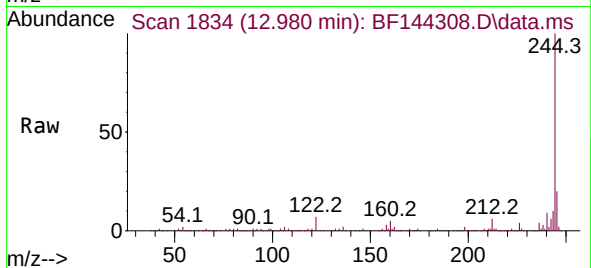
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS



Tgt Ion:244 Resp: 660165

Ion Ratio Lower Upper

244 100

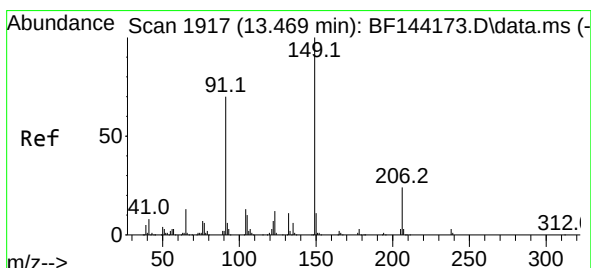
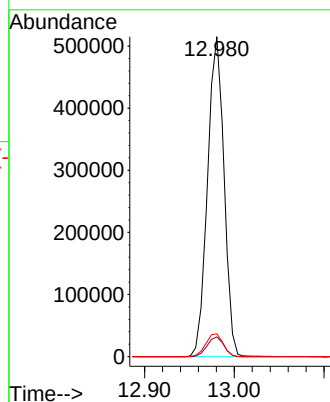
212 6.2 5.3 7.9

122 7.1 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#80

Butylbenzylphthalate

Concen: 42.467 ng

RT: 13.451 min Scan# 1914

Delta R.T. -0.018 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

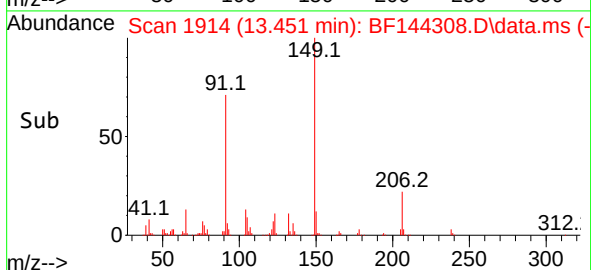
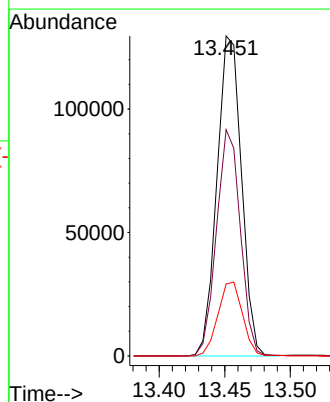
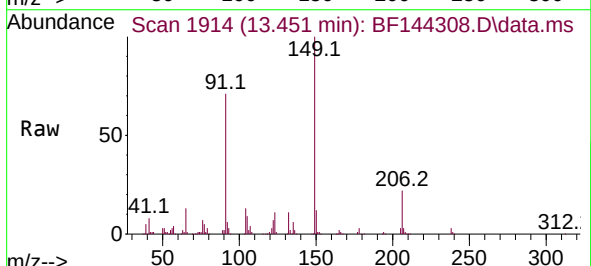
Tgt Ion:149 Resp: 168795

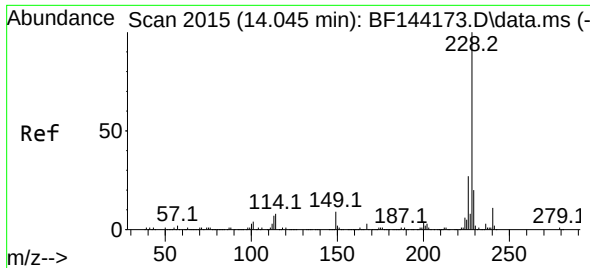
Ion Ratio Lower Upper

149 100

91 70.7 56.1 84.1

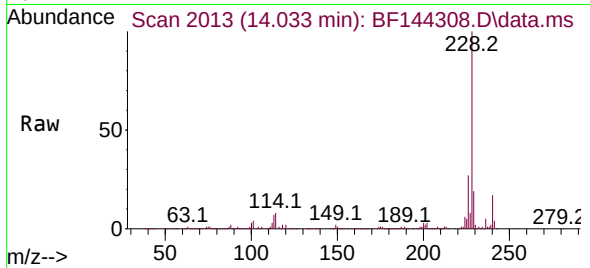
206 22.5 18.8 28.2





#81
Benzo(a)anthracene
Concen: 44.079 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

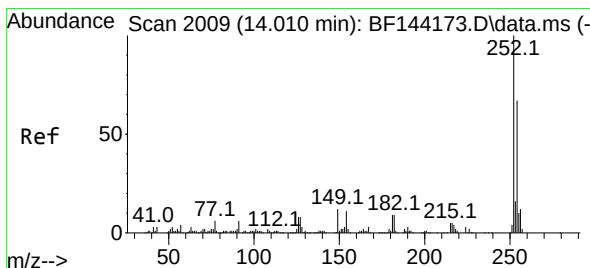
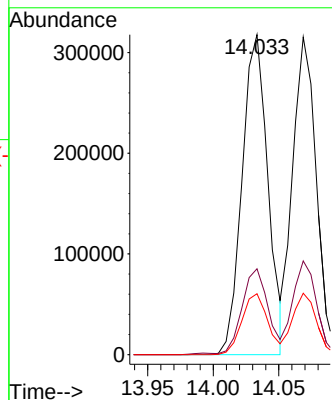
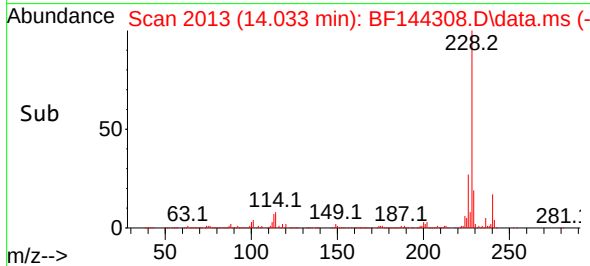
Instrument :
BNA_F
ClientSampleId :
PB170680BS



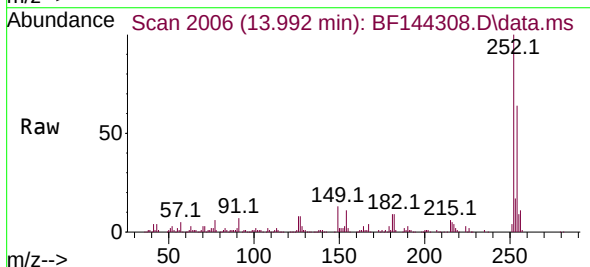
Tgt Ion:228 Resp: 434527
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.1 15.8 23.6

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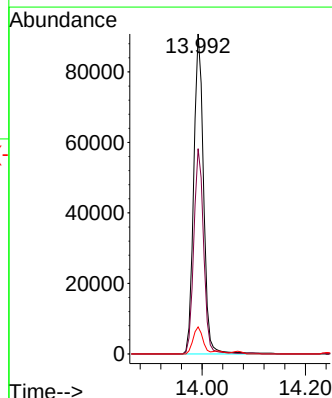
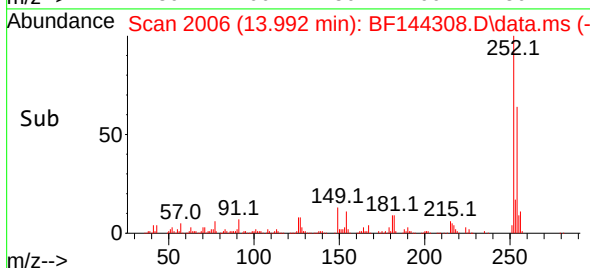
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025

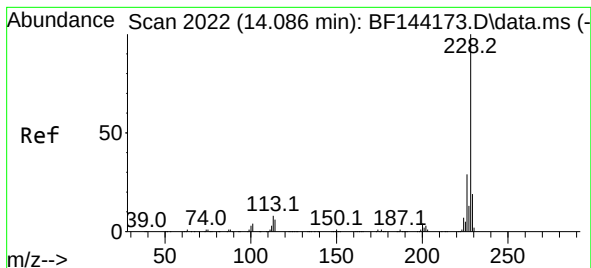


#82
3,3'-Dichlorobenzidine
Concen: 35.481 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03



Tgt Ion:252 Resp: 119890
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 8.5 6.4 9.6





#83

Chrysene

Concen: 43.411 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

PB170680BS

Tgt Ion:228 Resp: 395046

Ion Ratio Lower Upper

228 100

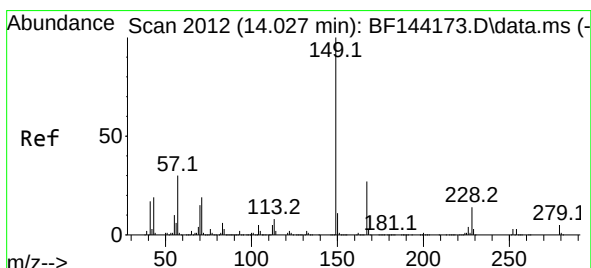
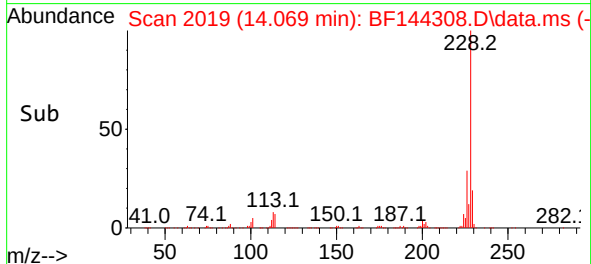
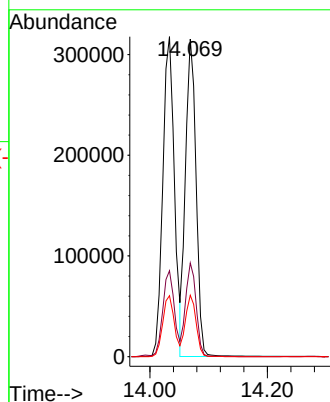
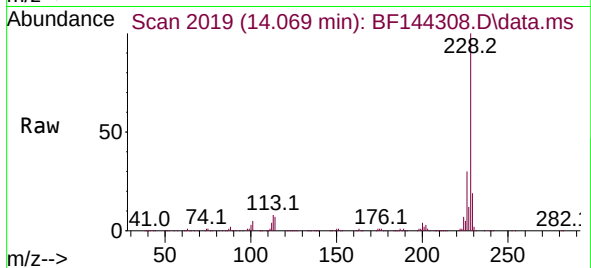
226 29.5 22.9 34.3

229 19.4 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.003 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144308.D

Acq: 21 Nov 2025 15:03

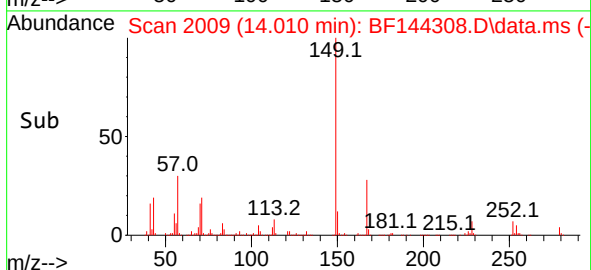
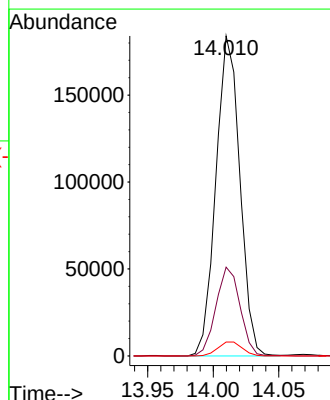
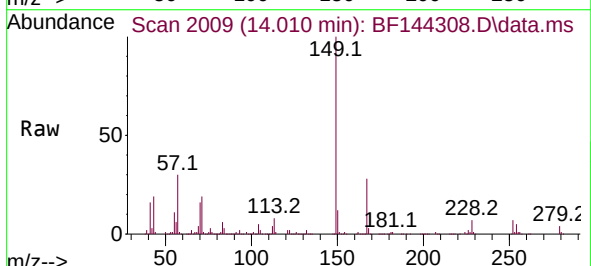
Tgt Ion:149 Resp: 233986

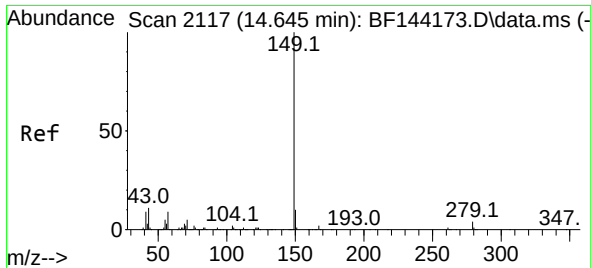
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

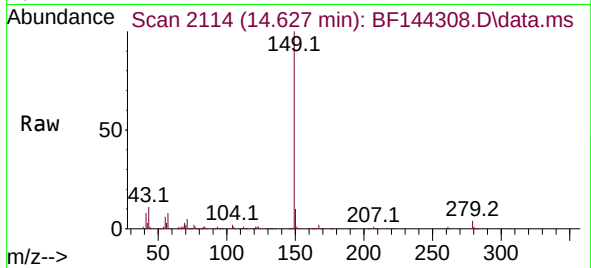
279 4.3 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 45.329 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.017 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

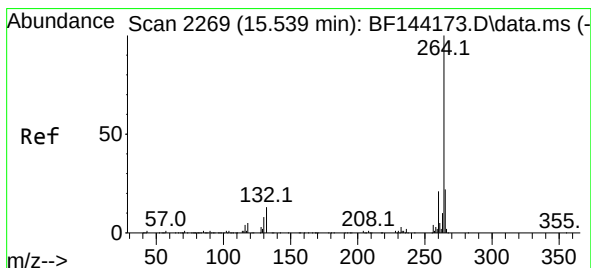
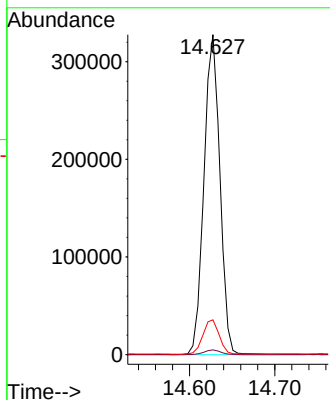
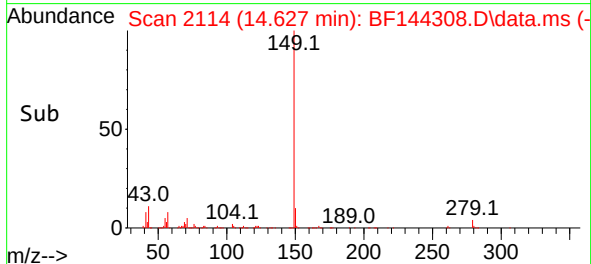
Instrument :
BNA_F
ClientSampleId :
PB170680BS



Tgt Ion:149 Resp: 425538
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.0 13.4

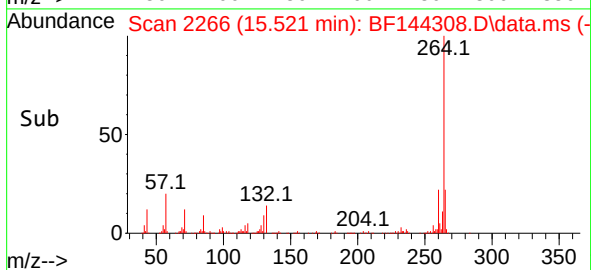
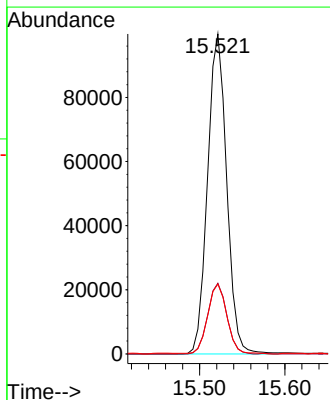
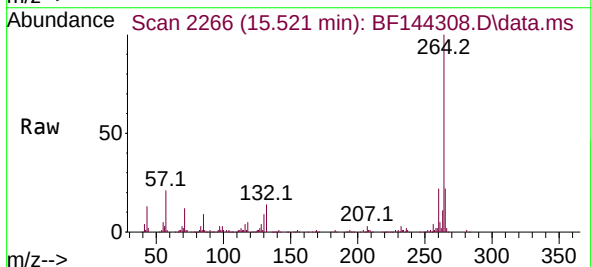
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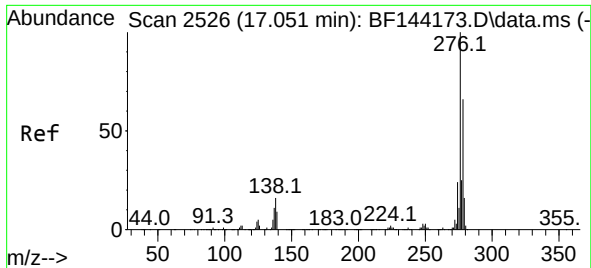
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:264 Resp: 155457
Ion Ratio Lower Upper
264 100
260 22.1 17.1 25.7
265 21.8 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.960 ng
RT: 17.027 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

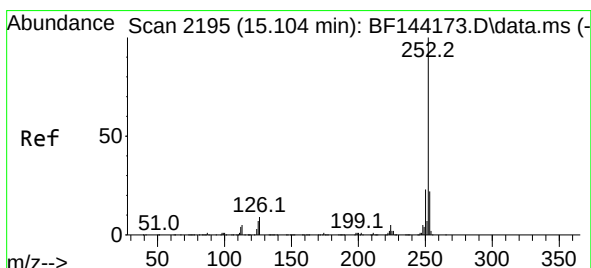
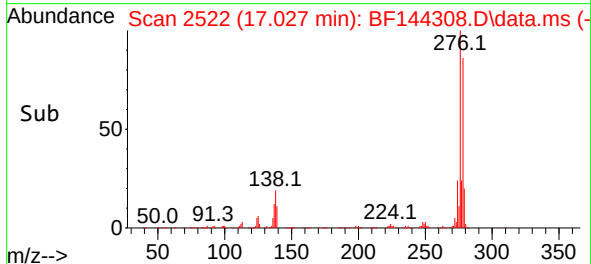
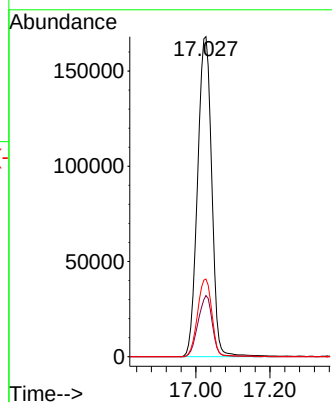
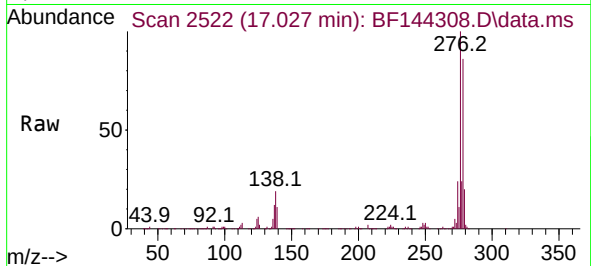
PB170680BS

Tgt Ion:276 Resp: 445921
Ion Ratio Lower Upper
276 100
138 19.2 13.9 20.9
277 24.5 19.8 29.6

Manual Integrations

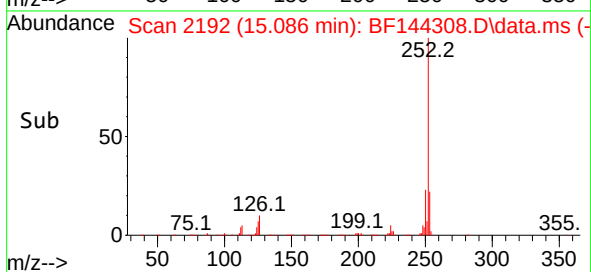
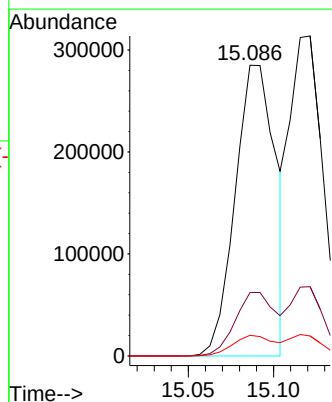
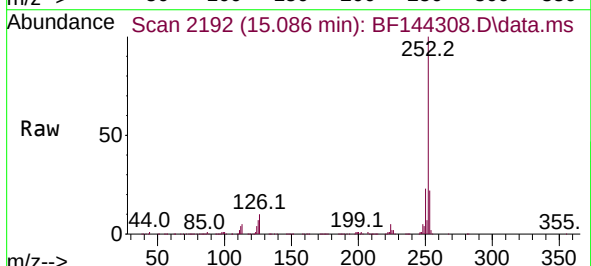
APPROVED

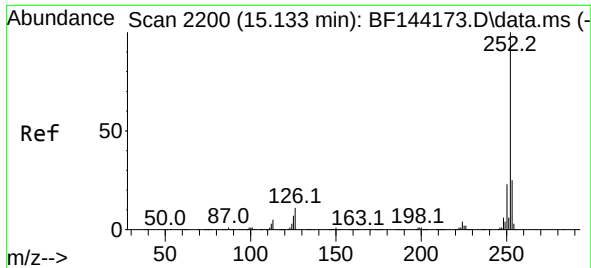
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#88
Benzo(b)fluoranthene
Concen: 53.410 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:252 Resp: 472041
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.1 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 51.604 ng
RT: 15.121 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

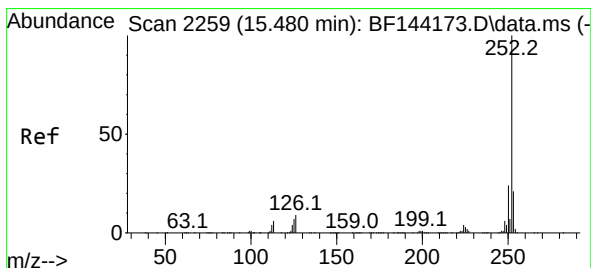
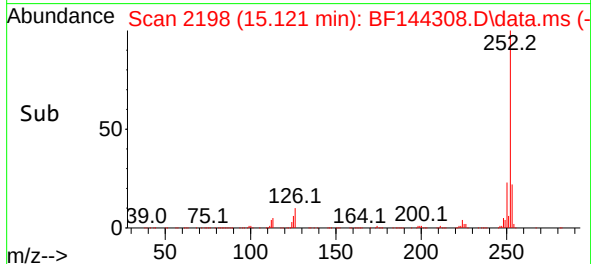
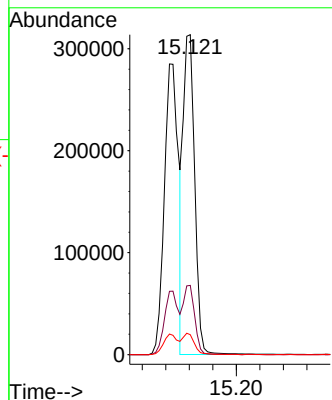
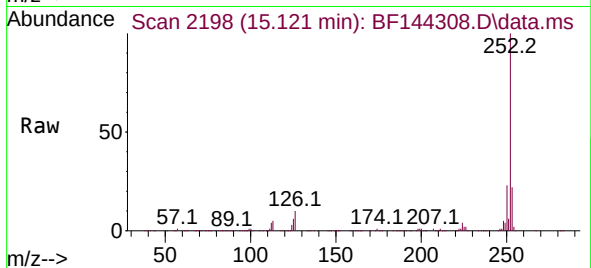
PB170680BS

Tgt Ion:252 Resp: 426886
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.2 5.4 8.2

Manual Integrations

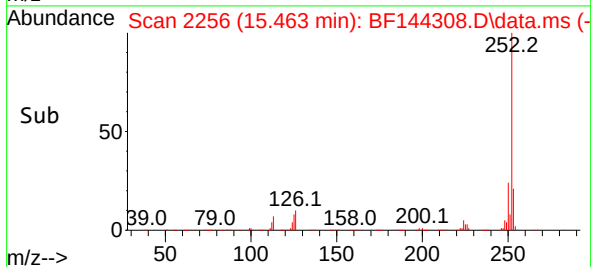
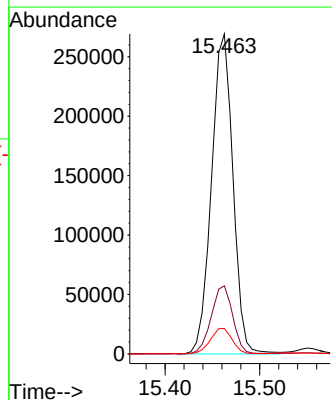
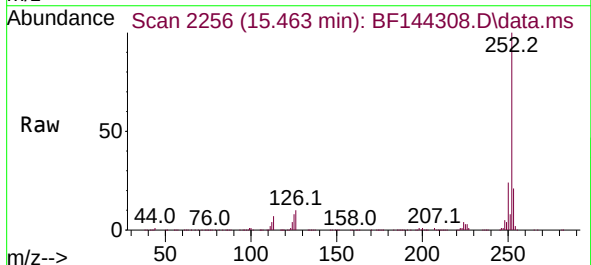
APPROVED

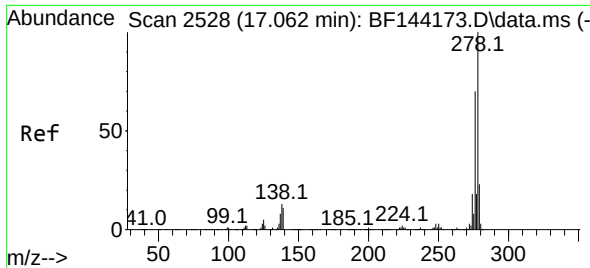
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#90
Benzo(a)pyrene
Concen: 51.979 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:252 Resp: 423809
Ion Ratio Lower Upper
252 100
253 21.3 16.7 25.1
125 7.9 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 41.512 ng
RT: 17.039 min Scan# 2528
Delta R.T. -0.012 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Instrument :

BNA_F

ClientSampleId :

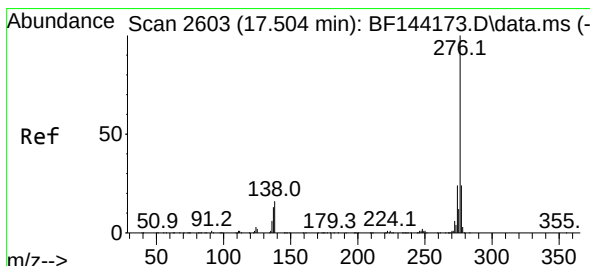
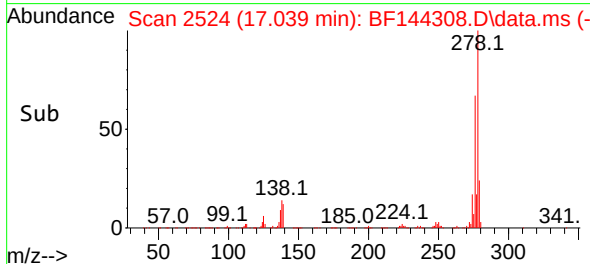
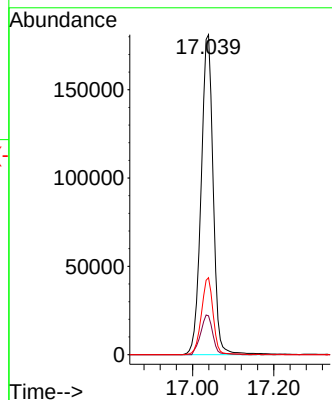
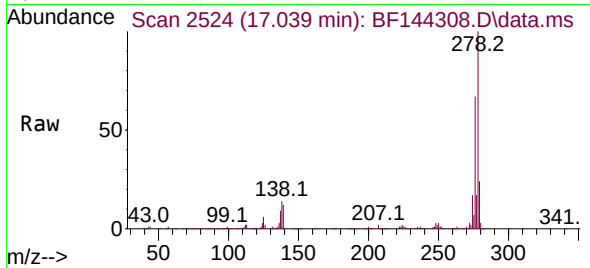
PB170680BS

Tgt Ion:278 Resp: 372033
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 24.0 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 12/03/2025



#92
Benzo(g,h,i)perylene
Concen: 39.853 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF144308.D
Acq: 21 Nov 2025 15:03

Tgt Ion:276 Resp: 352708
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 17.0 12.9 19.3

