

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144325.D
 Acq On : 24 Nov 2025 15:50
 Operator : RC/JU
 Sample : Q3707-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V933MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Nov 25 00:23:43 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58197	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	219530	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	123038	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	202567	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	120422	20.000	ng	0.00
86) Perylene-d12	15.527	264	160562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	182523	49.079	ng	0.00
7) Phenol-d6	6.498	99	283419	67.259	ng	0.00
23) Nitrobenzene-d5	7.428	82	216151	56.866	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	61192	39.633	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	439428	52.748	ng	0.00
79) Terphenyl-d14	12.980	244	418804	55.242	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	71547	46.534	ng	98
3) Pyridine	3.440	79	198438	46.261	ng	96
4) n-Nitrosodimethylamine	3.393	42	107362	47.916	ng	89
6) Aniline	6.528	93	199475	33.225	ng	97
8) 2-Chlorophenol	6.651	128	173617	47.604	ng	97
9) Benzaldehyde	6.416	77	87903	36.942	ng	96
10) Phenol	6.510	94	235833	45.806	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	176760	47.117	ng	98
12) 1,3-Dichlorobenzene	6.804	146	206934	45.981	ng	98
13) 1,4-Dichlorobenzene	6.881	146	211472	46.903	ng	99
14) 1,2-Dichlorobenzene	7.034	146	200933	46.495	ng	99
15) Benzyl Alcohol	7.004	79	162709	48.764	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	335006	48.492	ng	91
17) 2-Methylphenol	7.122	107	135684	46.764	ng	97
18) Hexachloroethane	7.375	117	68389	45.655	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	126447	45.583	ng	98
20) 3+4-Methylphenols	7.275	107	157059	45.920	ng	96
22) Acetophenone	7.275	105	219391	46.586	ng	97
24) Nitrobenzene	7.445	77	193196	46.812	ng	98
25) Isophorone	7.686	82	349181	48.566	ng	97
26) 2-Nitrophenol	7.763	139	101679	49.770	ng	96
27) 2,4-Dimethylphenol	7.798	122	163158	53.284	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	219539	48.898	ng	98
29) 2,4-Dichlorophenol	8.004	162	163191	46.240	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	178517	49.259	ng	95
31) Naphthalene	8.169	128	489719	46.895	ng	98
32) Benzoic acid	7.922	122	101725	45.321	ng	96
33) 4-Chloroaniline	8.216	127	67023	17.598	ng	98
34) Hexachlorobutadiene	8.281	225	121870	44.621	ng	98
35) Caprolactam	8.592	113	49934m	51.643	ng	
36) 4-Chloro-3-methylphenol	8.704	107	147677	46.690	ng	98
37) 2-Methylnaphthalene	8.857	142	301350	43.161	ng	98
38) 1-Methylnaphthalene	8.957	142	307268	45.610	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	179042	44.401	ng	98
41) Hexachlorocyclopentadiene	9.010	237	170392	98.949	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	124699	45.436	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144325.D
 Acq On : 24 Nov 2025 15:50
 Operator : RC/JU
 Sample : Q3707-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V933MS

Quant Time: Nov 25 00:23:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	135064	45.662	ng	98
46) 1,1'-Biphenyl	9.322	154	406119	47.287	ng	100
47) 2-Chloronaphthalene	9.351	162	330247	45.079	ng	99
48) 2-Nitroaniline	9.451	65	99783	47.205	ng	92
49) Acenaphthylene	9.769	152	521558	52.243	ng	99
50) Dimethylphthalate	9.627	163	387256	47.510	ng	99
51) 2,6-Dinitrotoluene	9.692	165	85250	51.666	ng	95
52) Acenaphthene	9.939	154	280861	42.070	ng	99
53) 3-Nitroaniline	9.857	138	55043	30.516	ng	98
54) 2,4-Dinitrophenol	9.975	184	82162	82.461	ng	98
55) Dibenzofuran	10.110	168	424481	45.399	ng	99
56) 4-Nitrophenol	10.033	139	110298	84.535	ng	97
57) 2,4-Dinitrotoluene	10.098	165	107043	48.460	ng	95
58) Fluorene	10.457	166	331229	46.593	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	100122	47.842	ng	97
60) Diethylphthalate	10.322	149	363158	48.331	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	177561	43.849	ng	98
62) 4-Nitroaniline	10.480	138	84081	48.949	ng	90
63) Azobenzene	10.604	77	369585	52.850	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	63362	46.044	ng	93
66) n-Nitrosodiphenylamine	10.563	169	320696	49.224	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	118360	45.777	ng	96
68) Hexachlorobenzene	11.004	284	140834	46.244	ng	97
69) Atrazine	11.092	200	107076	51.679	ng	98
70) Pentachlorophenol	11.204	266	134384	88.613	ng	98
71) Phenanthrene	11.422	178	475567	47.153	ng	99
72) Anthracene	11.474	178	495154	48.283	ng	100
73) Carbazole	11.627	167	419258	48.078	ng	99
74) Di-n-butylphthalate	11.951	149	515400	48.890	ng	99
75) Fluoranthene	12.610	202	471869	45.292	ng	99
77) Benzidine	12.733	184	195112	54.776	ng	99
78) Pyrene	12.845	202	487678	50.227	ng	99
80) Butylbenzylphthalate	13.457	149	172312	51.204	ng	99
81) Benzo(a)anthracene	14.033	228	424419	50.852	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	68191	23.836	ng	96
83) Chrysene	14.074	228	393020	51.011	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	230847	50.111	ng	98
85) Di-n-octyl phthalate	14.627	149	406265	51.114	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	550485	47.761	ng	98
88) Benzo(b)fluoranthene	15.092	252	469917	51.479	ng	98
89) Benzo(k)fluoranthene	15.121	252	381343	44.633	ng	99
90) Benzo(a)pyrene	15.462	252	426159	50.605	ng	97
91) Dibenzo(a,h)anthracene	17.045	278	445052	48.080	ng	98
92) Benzo(g,h,i)perylene	17.486	276	459132	50.229	ng	97

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

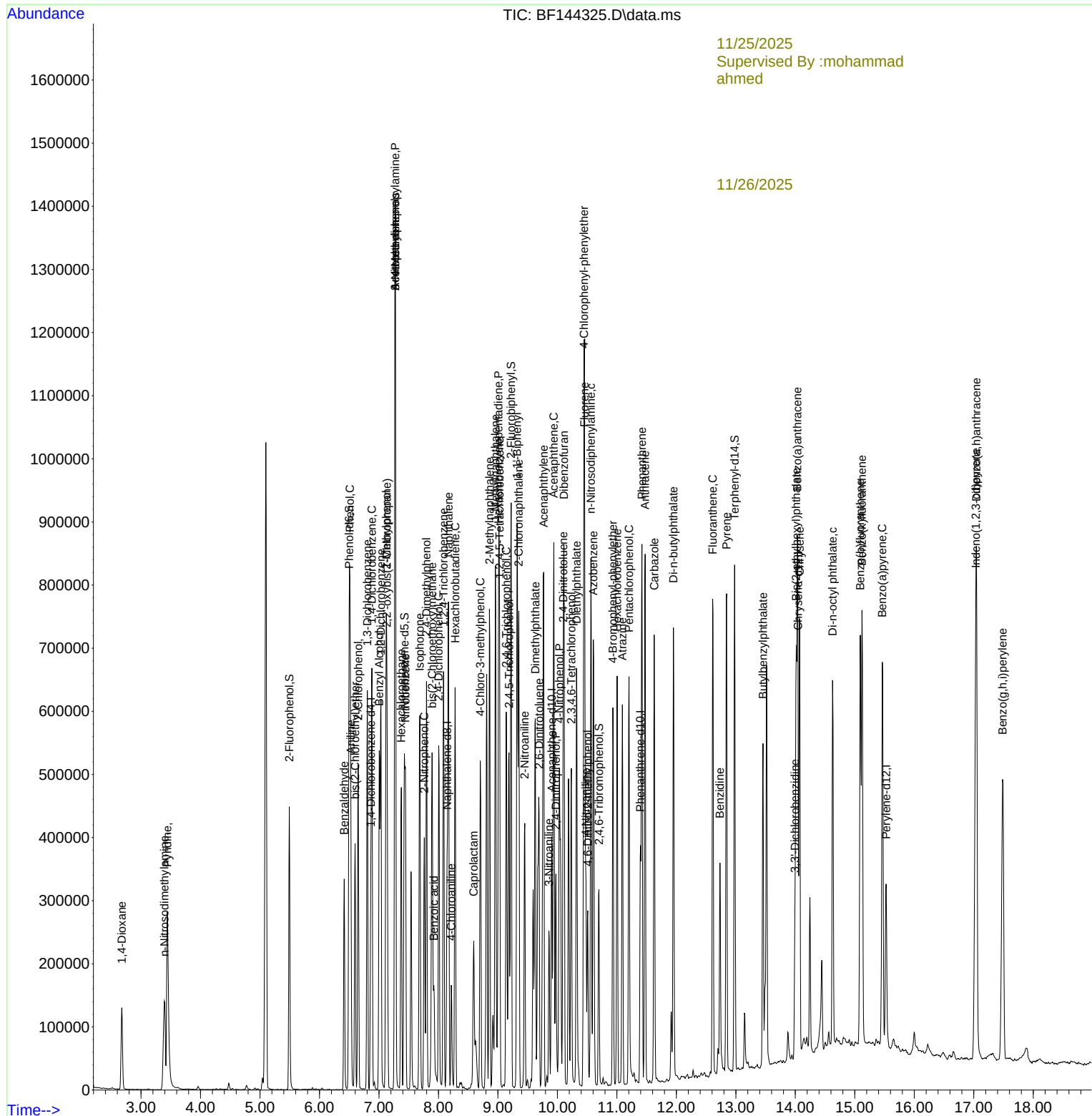
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144325.D
Acq On : 24 Nov 2025 15:50
Operator : RC/JU
Sample : Q3707-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

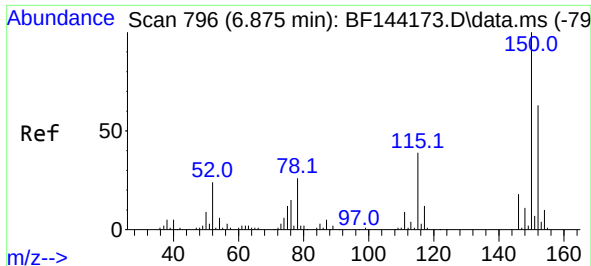
Instrument :
BNA_F
ClientSampleId :
V933MS

Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

Quant Time: Nov 25 00:23:43 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





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

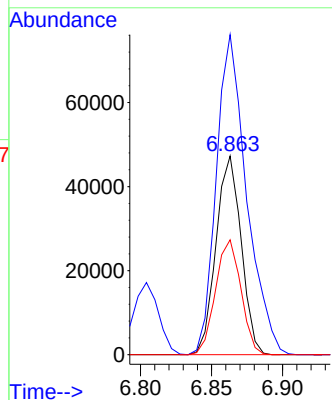
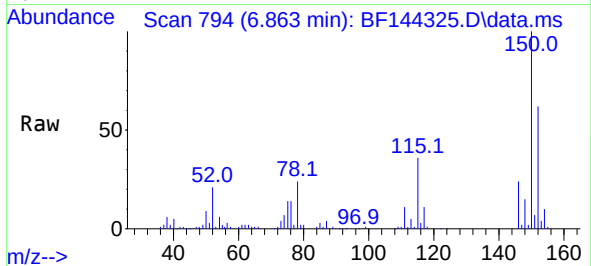
ClientSampleId :

V933MS

Tgt Ion:152 Resp: 5819
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.0
115 57.8 49.5 74.3

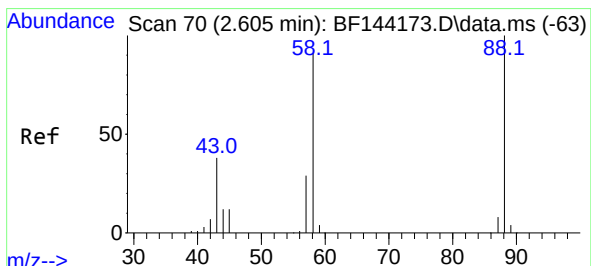
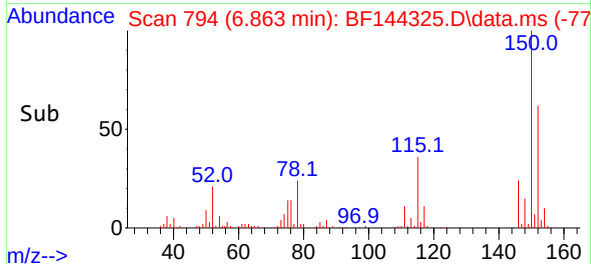
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



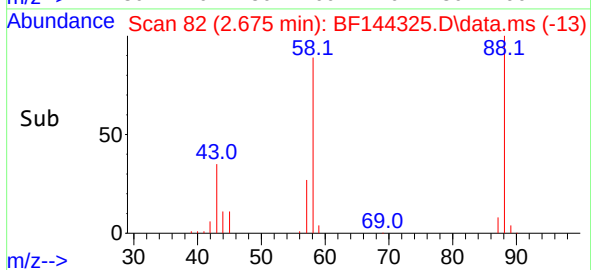
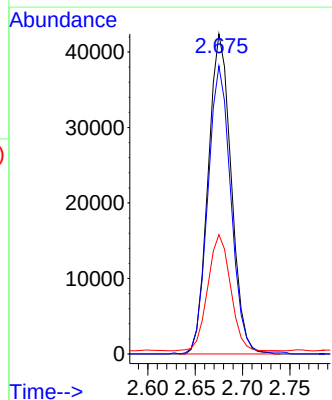
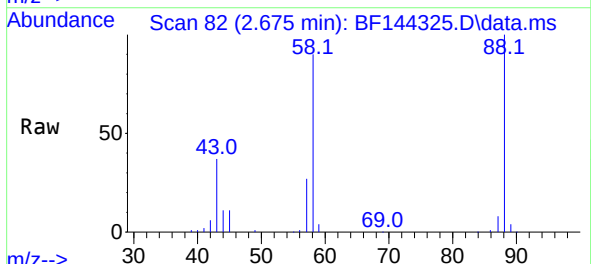
11/25/2025
Supervised By :mohammad
ahmed

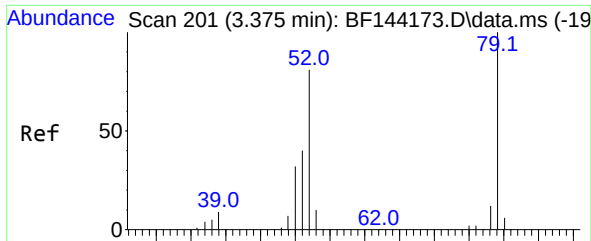
11/26/2025



#2
1,4-Dioxane
Concen: 46.534 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.059 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

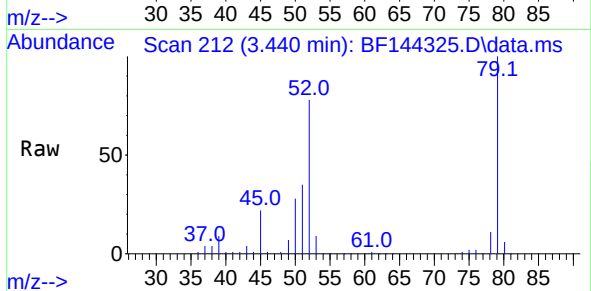
Tgt Ion: 88 Resp: 71547
Ion Ratio Lower Upper
88 100
58 90.4 73.1 109.7
43 35.7 31.0 46.6





#3
Pyridine
Concen: 46.261 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.029 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

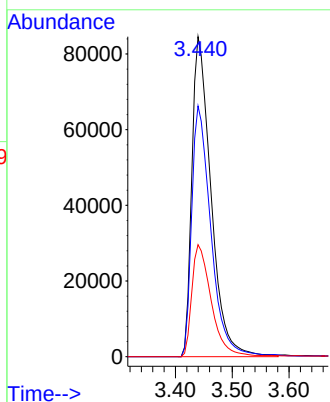
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 79 Resp: 198438
Ion Ratio Lower Upper
79 100
52 78.4 64.5 96.7
51 35.0 31.7 47.5

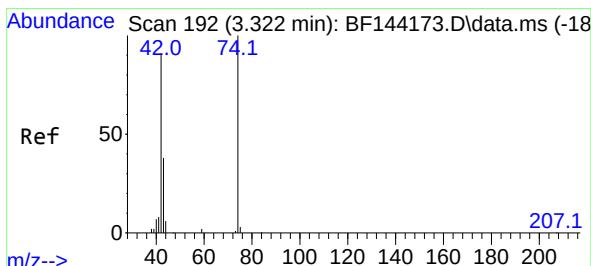
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



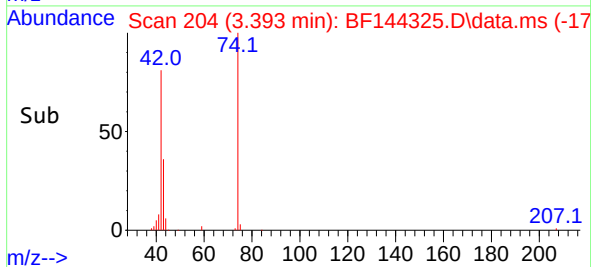
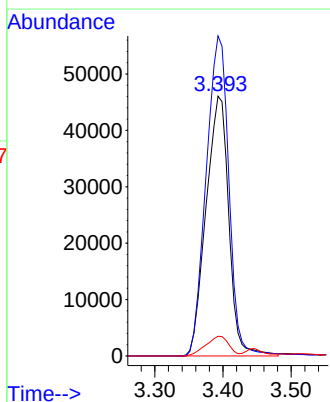
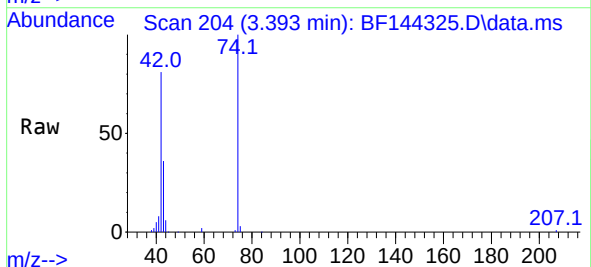
11/25/2025
Supervised By :mohammad
ahmed

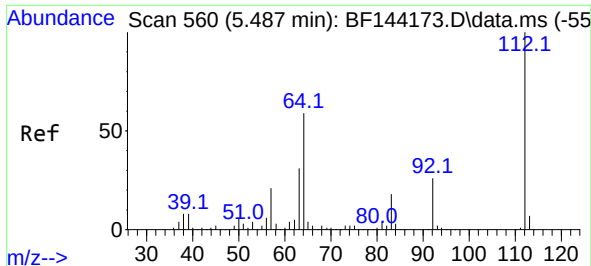
11/26/2025



#4
n-Nitrosodimethylamine
Concen: 47.916 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion: 42 Resp: 107362
Ion Ratio Lower Upper
42 100
74 123.1 88.2 132.4
44 7.6 5.7 8.5





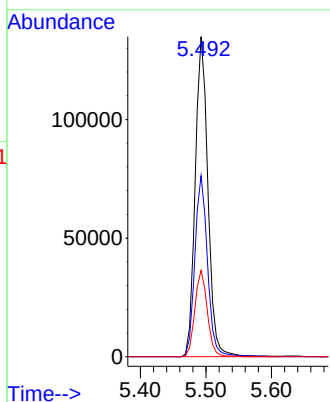
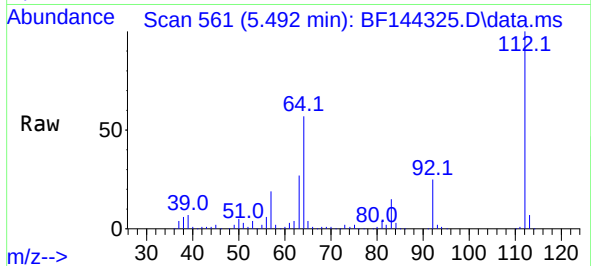
#5
2-Fluorophenol
Concen: 49.079 ng
RT: 5.492 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:112 Resp: 18252
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 27.0 24.4 36.6

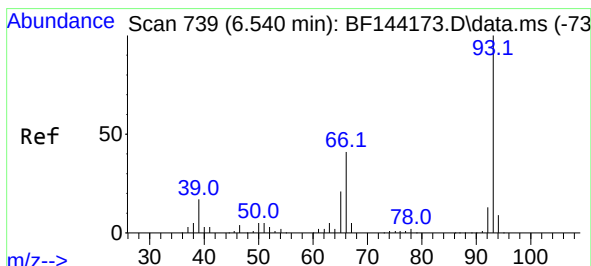
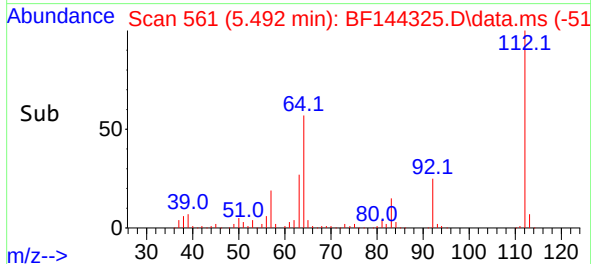
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



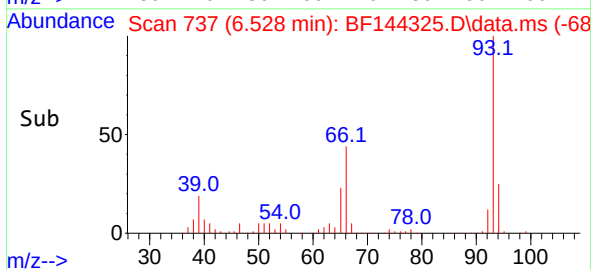
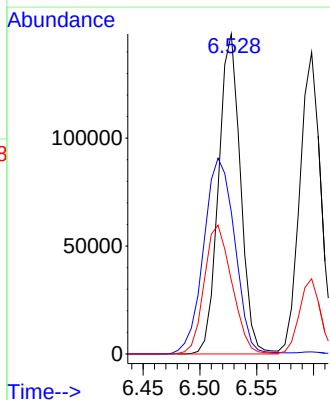
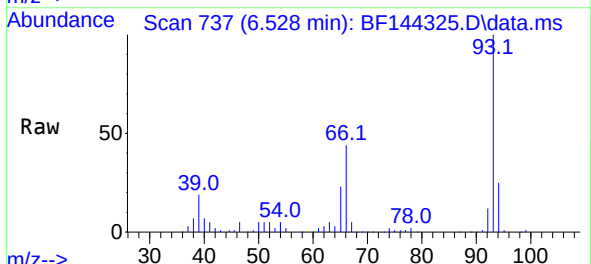
11/25/2025
Supervised By :mohammad
ahmed

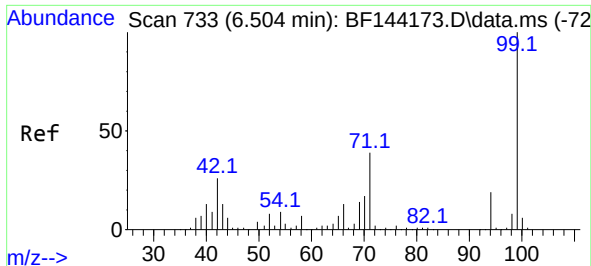
11/26/2025



#6
Aniline
Concen: 33.225 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

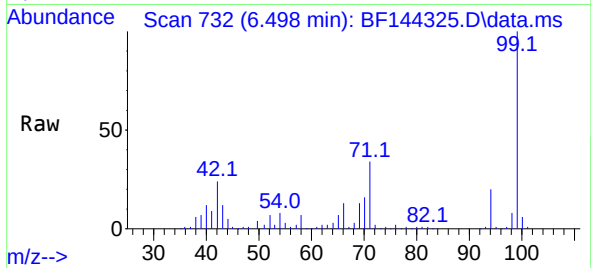
Tgt Ion: 93 Resp: 199475
Ion Ratio Lower Upper
93 100
66 44.4 34.3 51.5
65 23.0 16.9 25.3





#7
Phenol-d6
Concen: 67.259 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

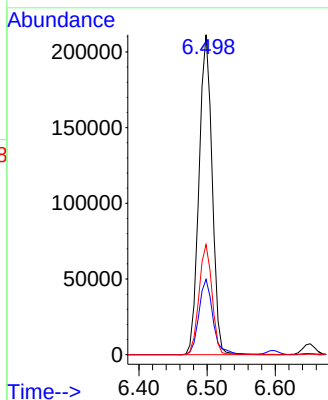
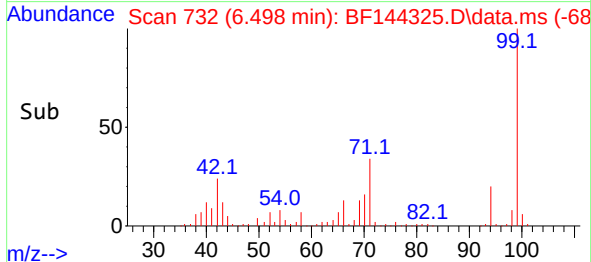
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 99 Resp: 283419
Ion Ratio Lower Upper
99 100
42 23.6 20.9 31.3
71 34.4 31.4 47.2

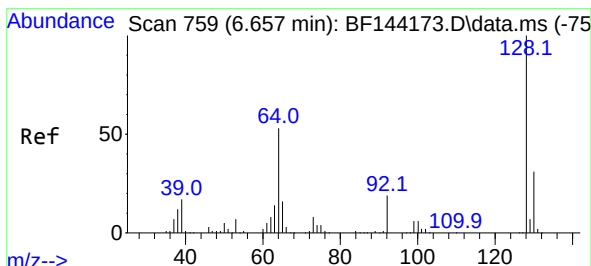
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

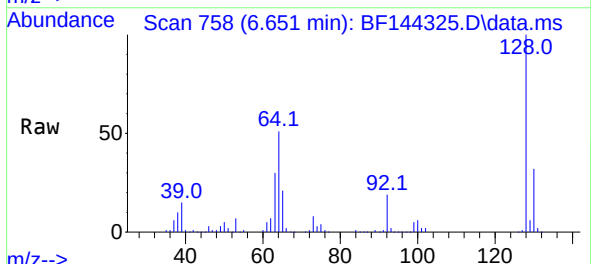


11/25/2025
Supervised By :mohammad
ahmed

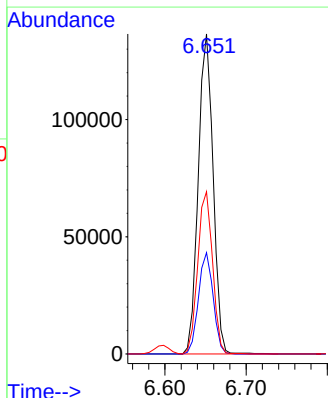
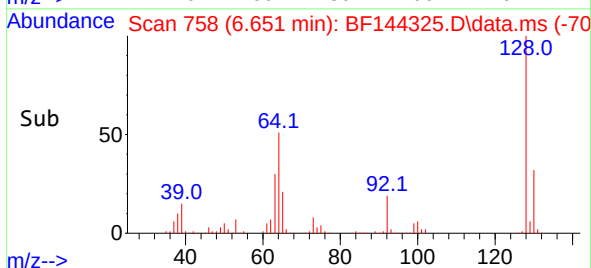
11/26/2025

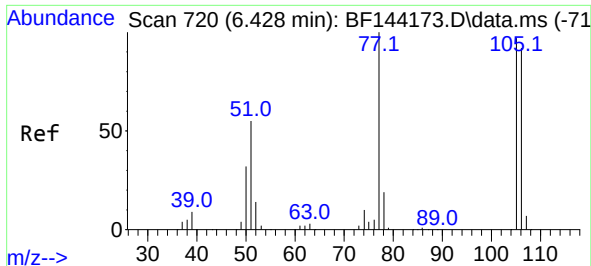


#8
2-Chlorophenol
Concen: 47.604 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:128 Resp: 173617
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 50.7 33.2 73.2





#9
Benzaldehyde
Concen: 36.942 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

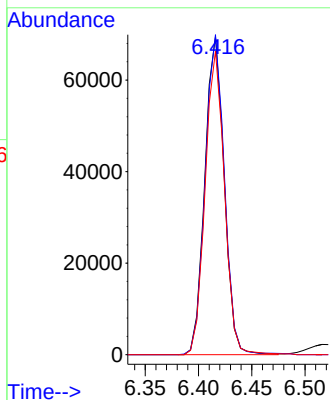
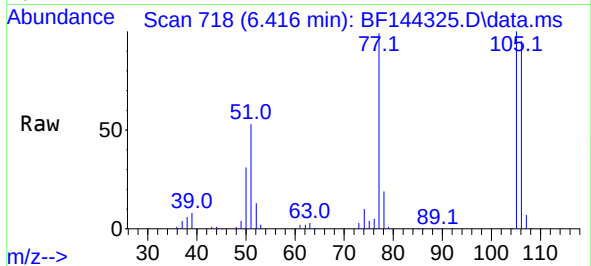
ClientSampleId :

V933MS

Tgt Ion: 77 Resp: 8790
Ion Ratio Lower Upper
77 100
105 100.7 77.2 117.2
106 95.6 72.2 112.2

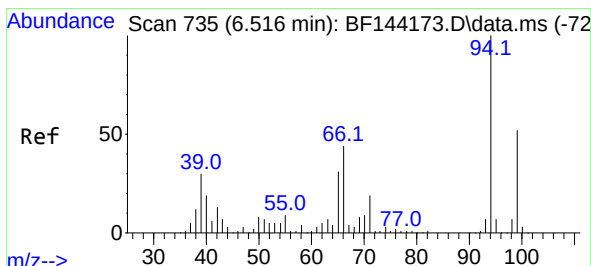
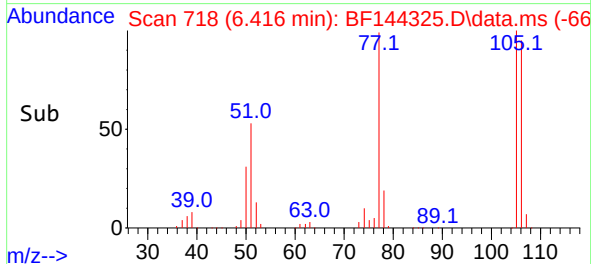
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



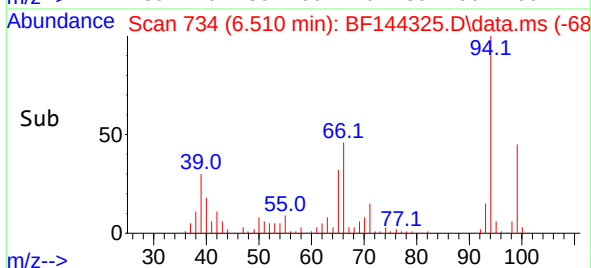
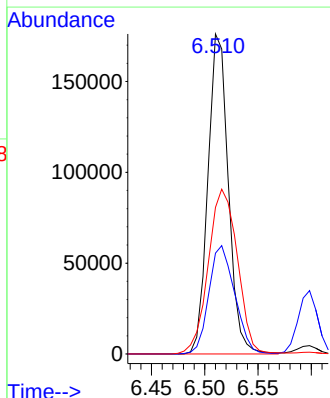
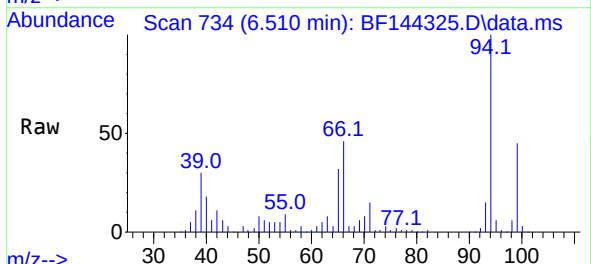
11/25/2025
Supervised By :mohammad
ahmed

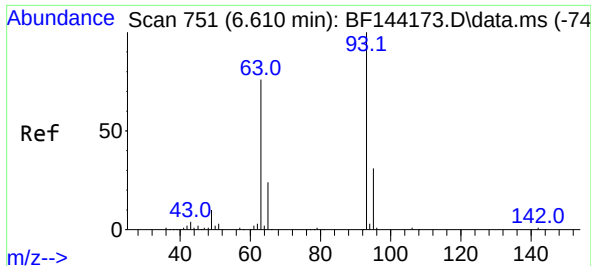
11/26/2025



#10
Phenol
Concen: 45.806 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

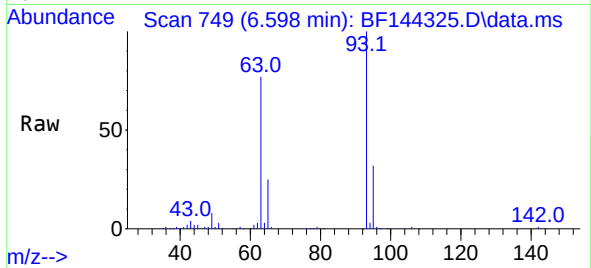
Tgt Ion: 94 Resp: 235833
Ion Ratio Lower Upper
94 100
65 31.5 10.8 50.8
66 45.8 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 47.117 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

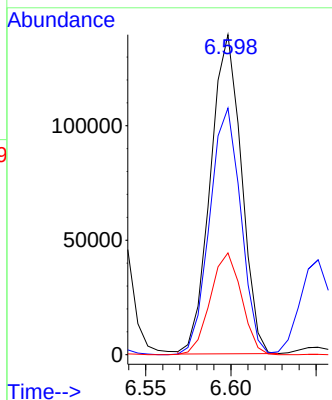
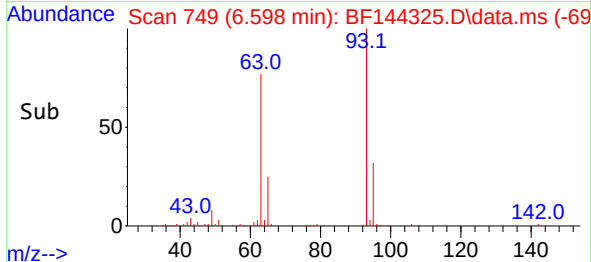
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 93 Resp: 176760
Ion Ratio Lower Upper
93 100
63 77.0 55.2 95.2
95 31.8 11.2 51.2

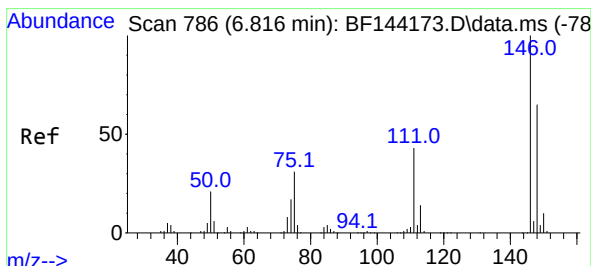
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

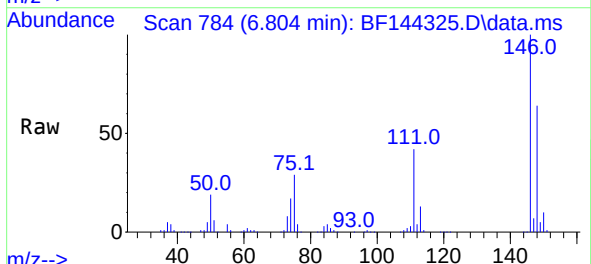


11/25/2025
Supervised By :mohammad
ahmed

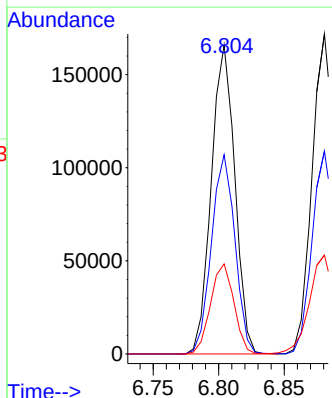
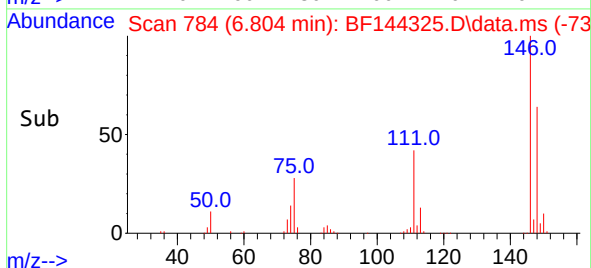
11/26/2025

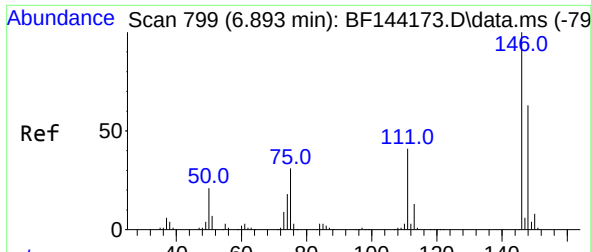


#12
1,3-Dichlorobenzene
Concen: 45.981 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



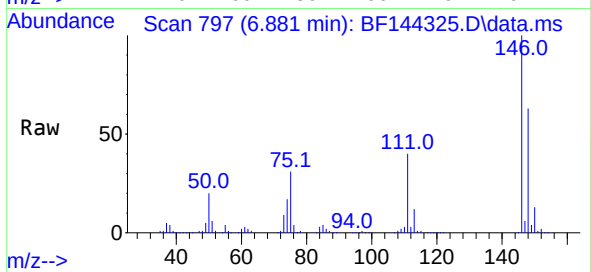
Tgt Ion:146 Resp: 206934
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.1 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 46.903 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

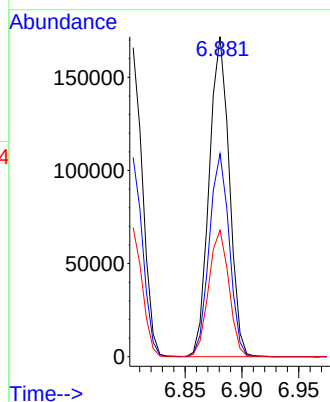
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:146 Resp: 211472
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 39.5 32.6 48.8

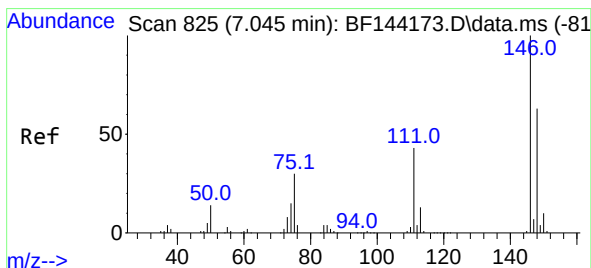
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

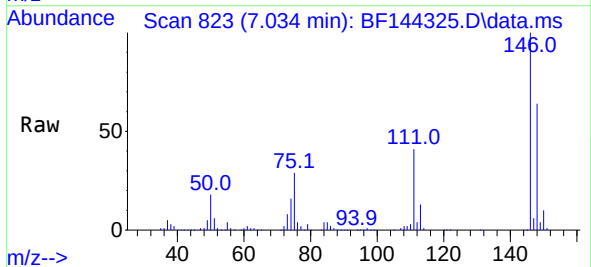


11/25/2025
Supervised By :mohammad
ahmed

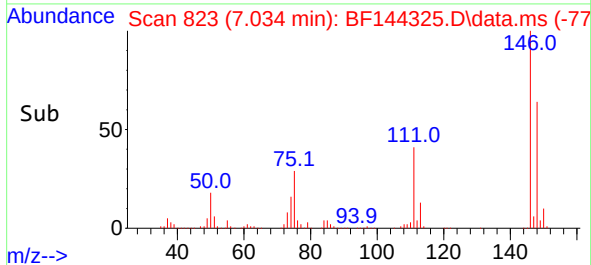
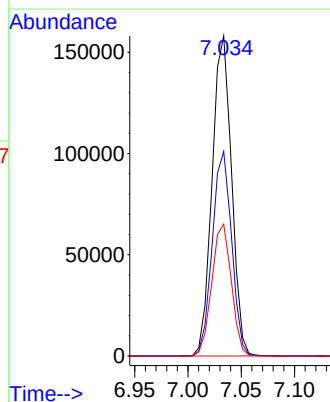
11/26/2025

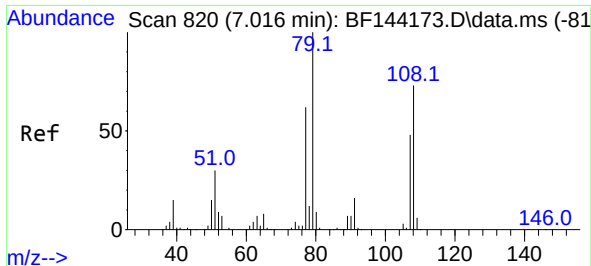


#14
1,2-Dichlorobenzene
Concen: 46.495 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



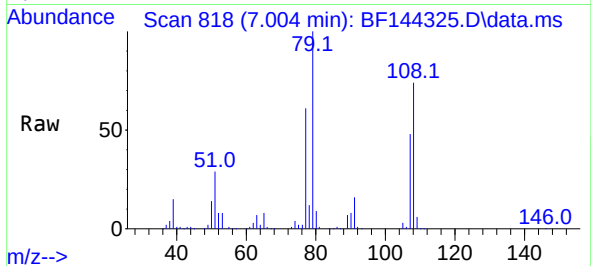
Tgt Ion:146 Resp: 200933
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 41.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 48.764 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

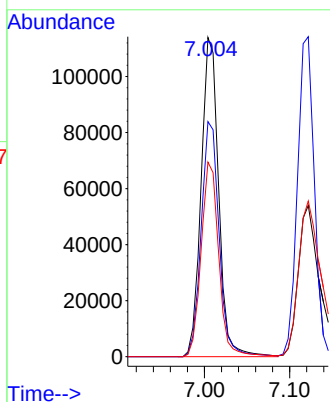
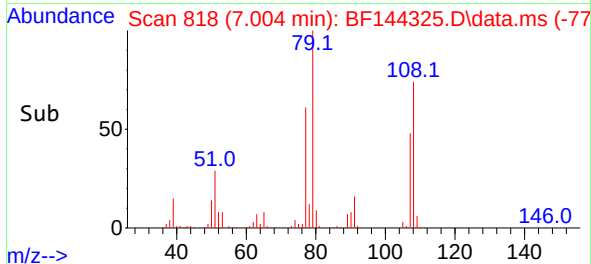
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 79 Resp: 162709
Ion Ratio Lower Upper
79 100
108 73.6 58.2 87.4
77 60.9 49.9 74.9

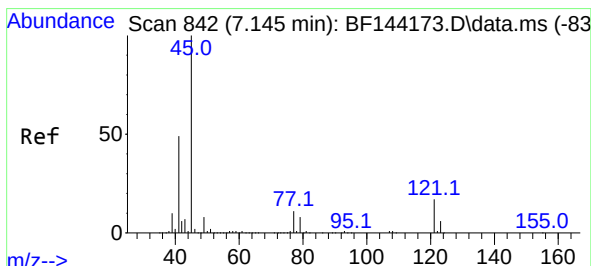
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

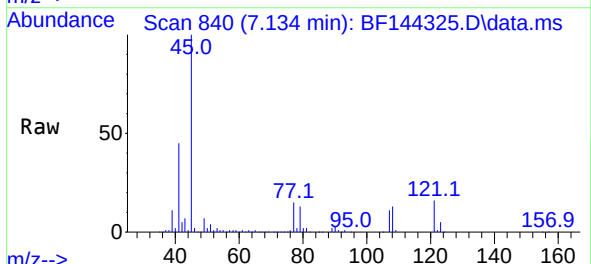


11/25/2025
Supervised By :mohammad
ahmed

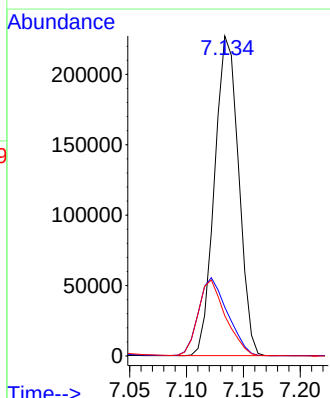
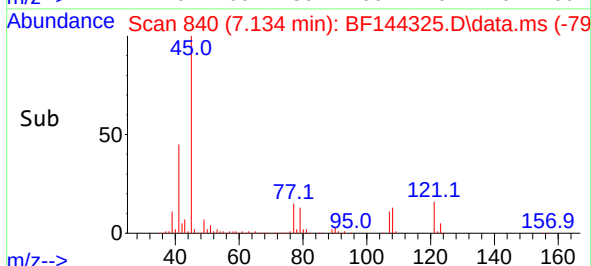
11/26/2025

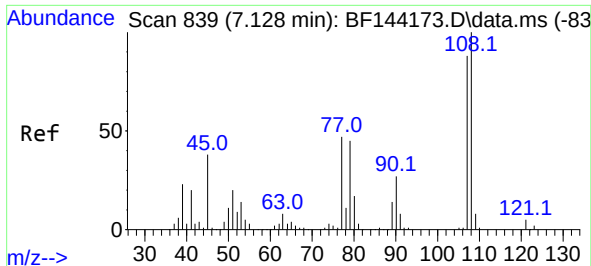


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.492 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion: 45 Resp: 335006
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 12.6 0.0 29.1





#17
2-Methylphenol
Concen: 46.764 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

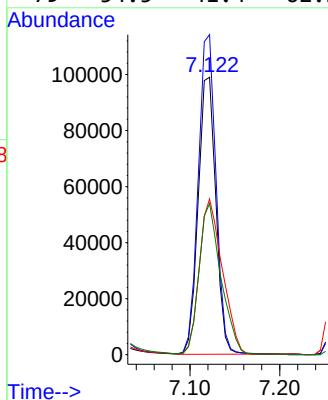
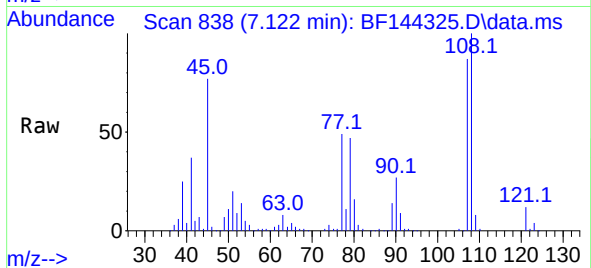
ClientSampleId :

V933MS

Tgt Ion:107 Resp: 135684
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.4
77 56.1 42.7 64.1
79 54.5 41.4 62.2

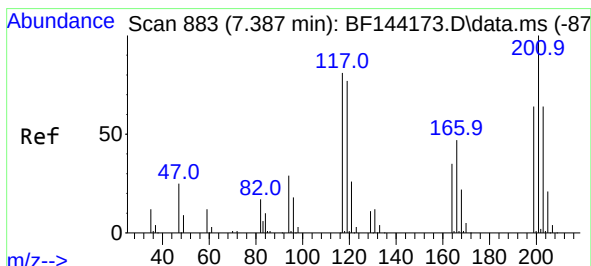
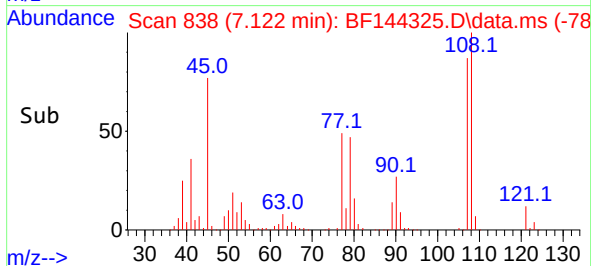
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



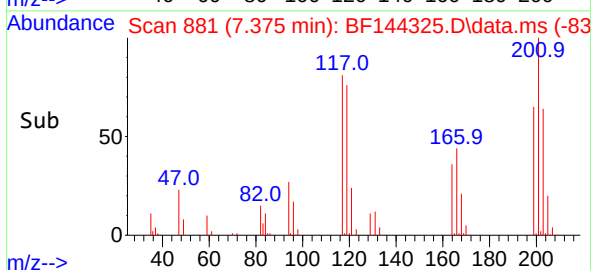
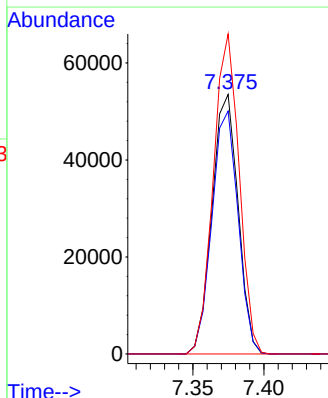
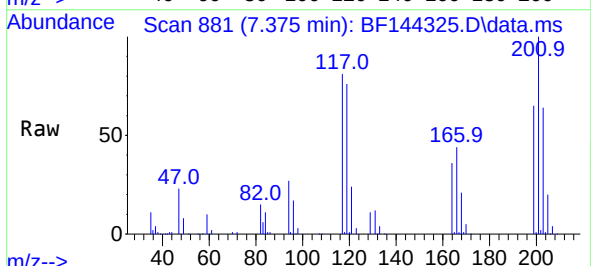
11/25/2025
Supervised By :mohammad
ahmed

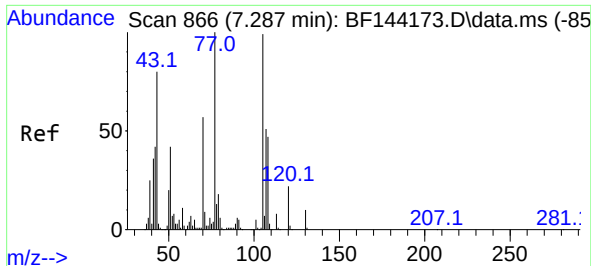
11/26/2025



#18
Hexachloroethane
Concen: 45.655 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

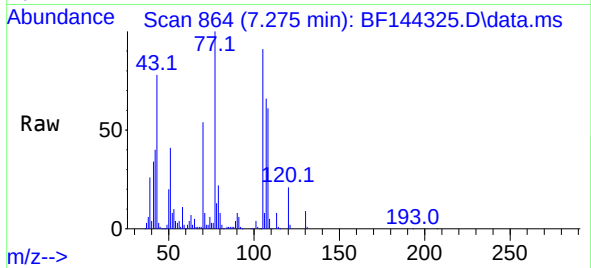
Tgt Ion:117 Resp: 68389
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 123.3 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.583 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

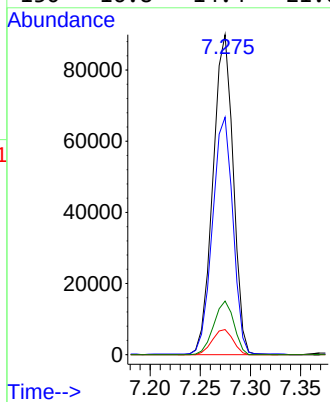
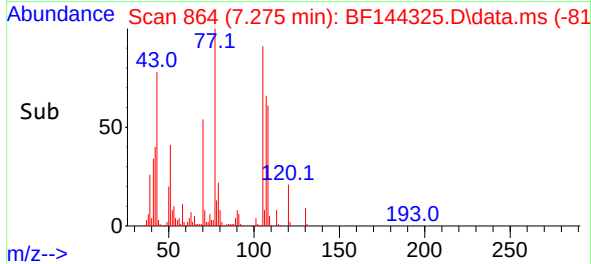
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 70 Resp: 12644
Ion Ratio Lower Upper
70 100
42 74.2 58.3 87.5
101 7.8 7.0 10.6
130 16.8 14.4 21.6

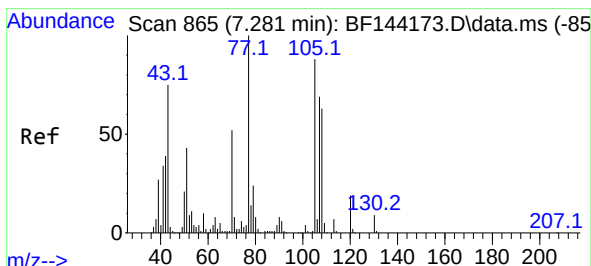
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

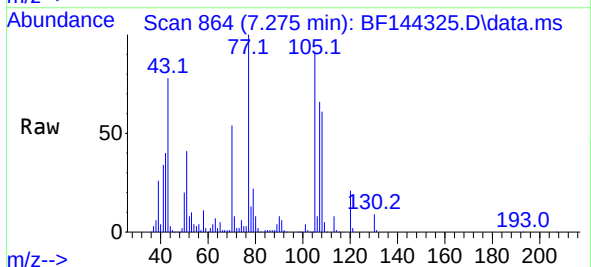


11/25/2025
Supervised By :mohammad
ahmed

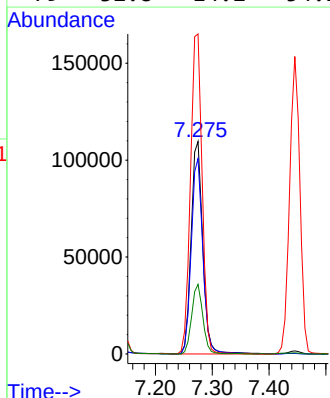
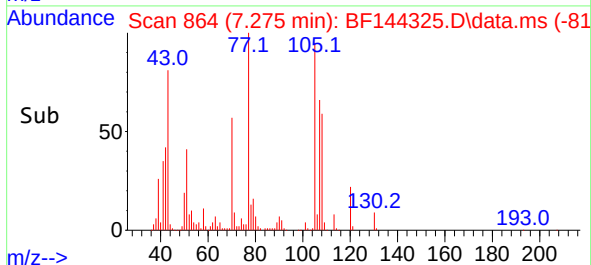
11/26/2025

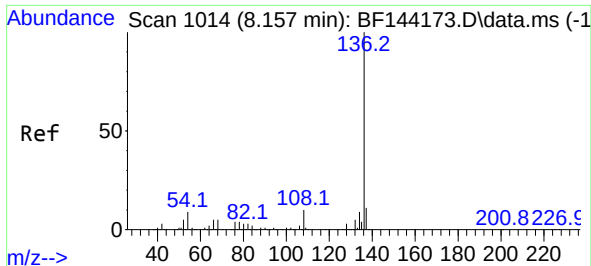


#20
3+4-Methylphenols
Concen: 45.920 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



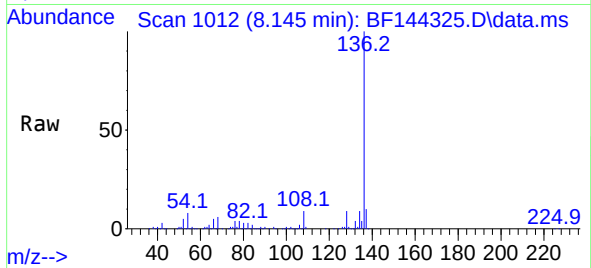
Tgt Ion:107 Resp: 157059
Ion Ratio Lower Upper
107 100
108 91.9 70.2 110.2
77 150.6 123.9 163.9
79 32.8 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

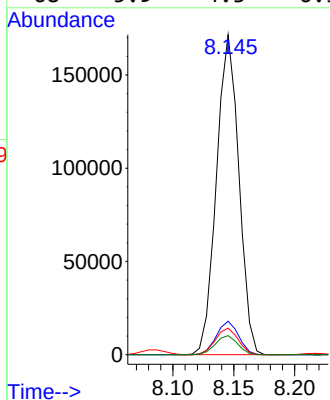
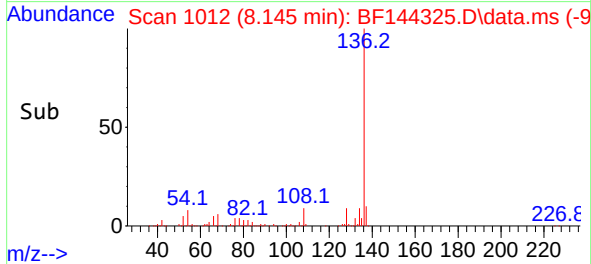
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:136 Resp: 219530
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.0 10.6
68 5.9 4.3 6.5

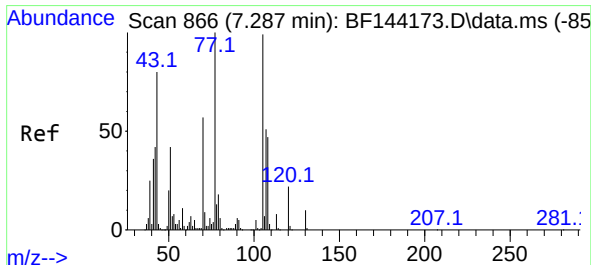
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



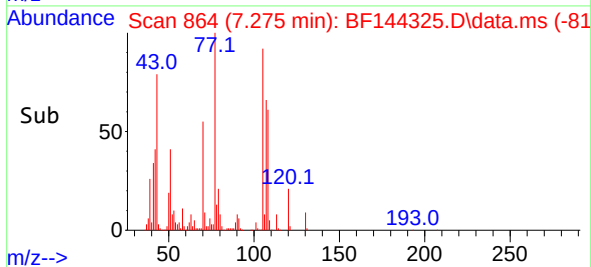
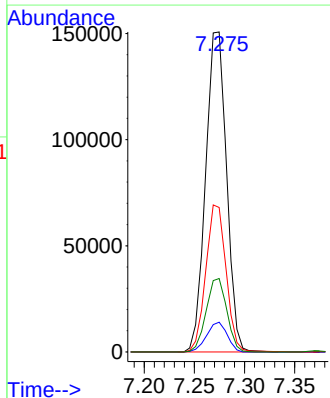
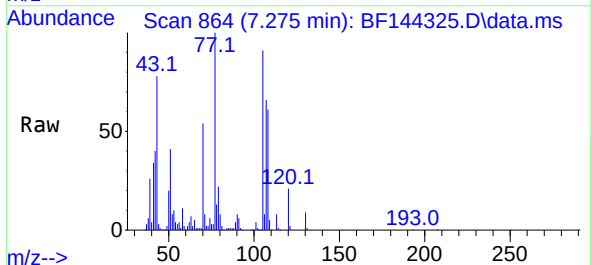
11/25/2025
Supervised By :mohammad
ahmed

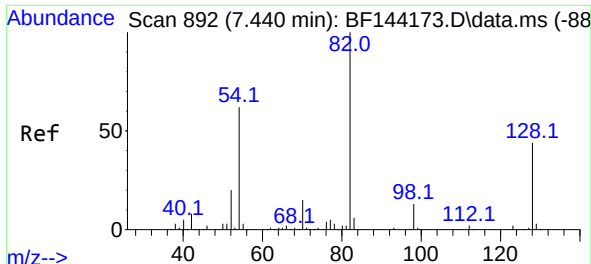
11/26/2025



#22
Acetophenone
Concen: 46.586 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

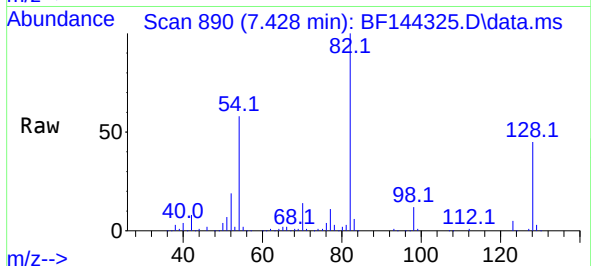
Tgt Ion:105 Resp: 219391
Ion Ratio Lower Upper
105 100
71 9.3 7.2 10.8
51 45.1 34.0 51.0
120 22.9 17.8 26.6





#23
Nitrobenzene-d5
Concen: 56.866 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

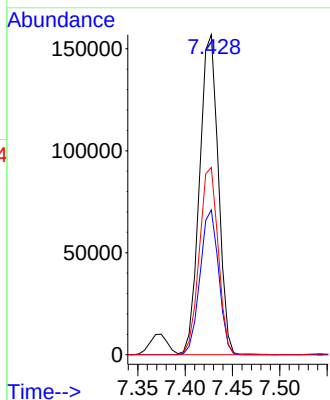
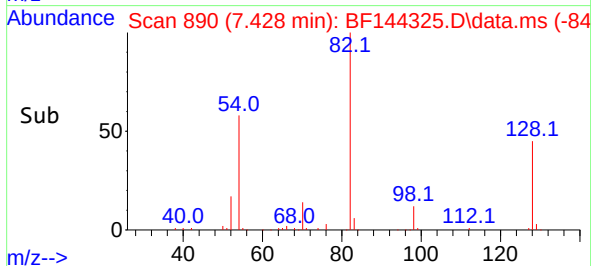
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 82 Resp: 21615
Ion Ratio Lower Upper
82 100
128 45.2 34.7 52.1
54 58.5 49.5 74.3

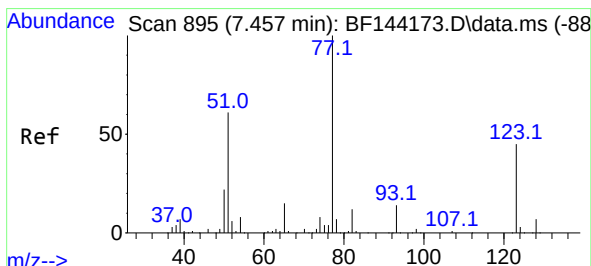
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

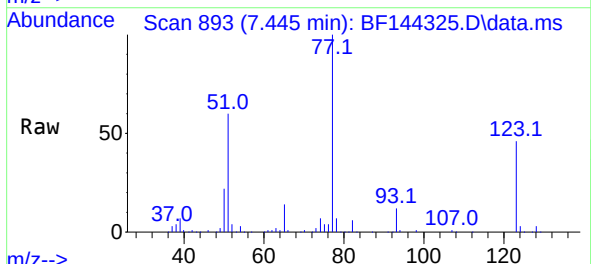


11/25/2025
Supervised By :mohammad
ahmed

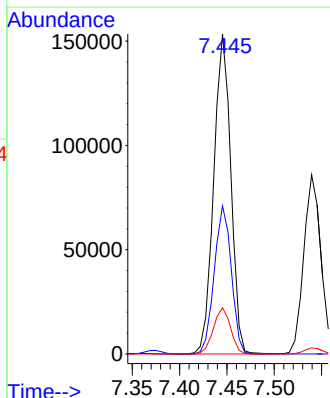
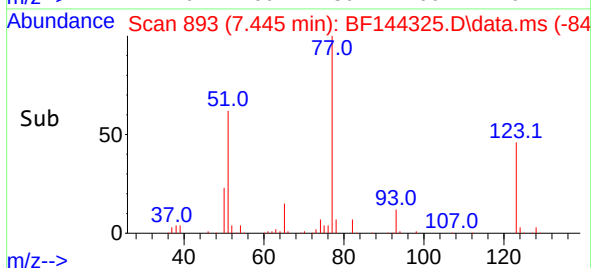
11/26/2025

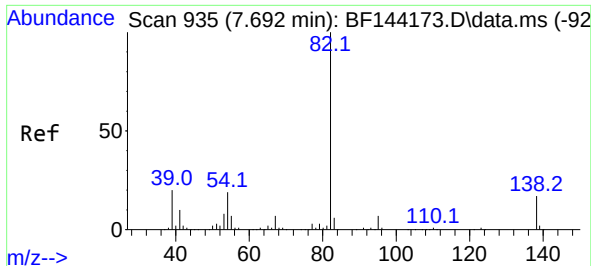


#24
Nitrobenzene
Concen: 46.812 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion: 77 Resp: 193196
Ion Ratio Lower Upper
77 100
123 46.2 35.8 53.8
65 14.5 12.2 18.2





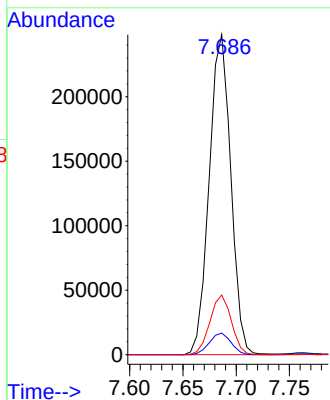
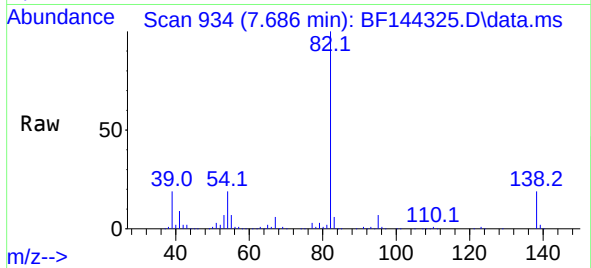
#25
Isophorone
Concen: 48.566 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion: 82 Resp: 34918
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.7 13.7 20.5

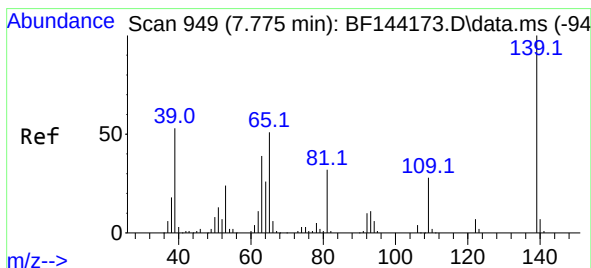
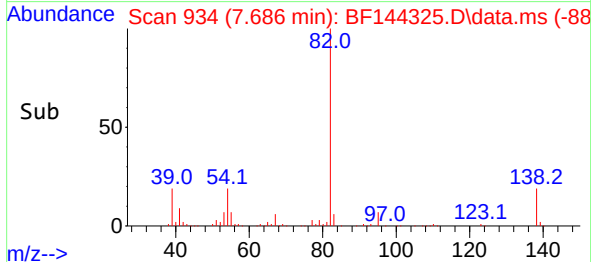
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



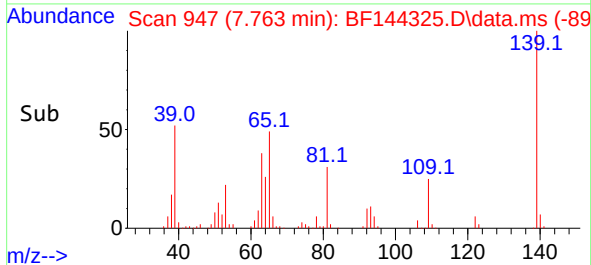
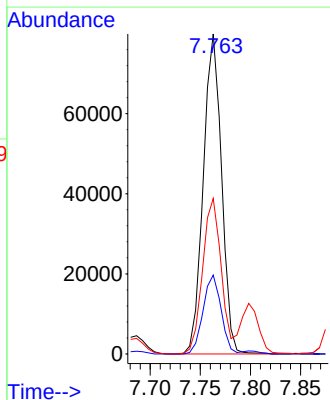
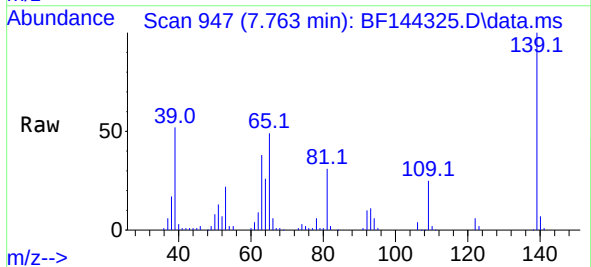
11/25/2025
Supervised By :mohammad
ahmed

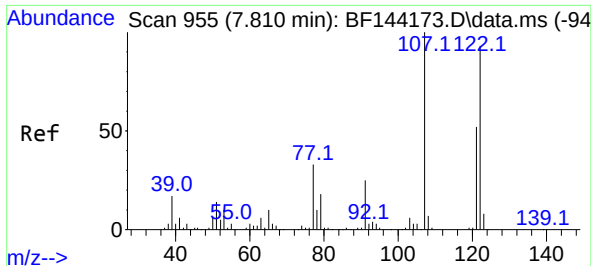
11/26/2025



#26
2-Nitrophenol
Concen: 49.770 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:139 Resp: 101679
Ion Ratio Lower Upper
139 100
109 24.7 22.2 33.2
65 48.6 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 53.284 ng
RT: 7.798 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

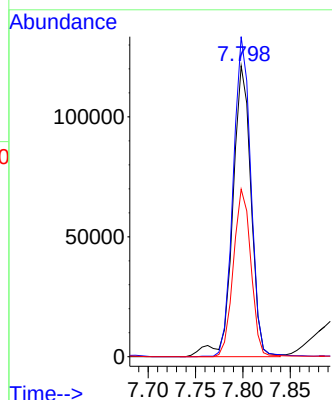
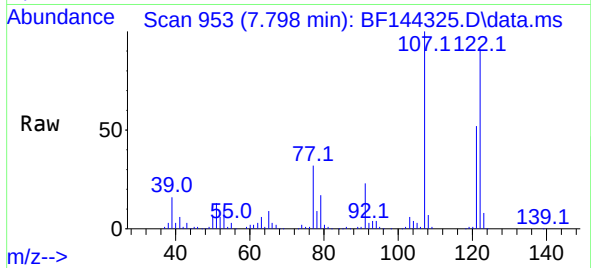
ClientSampleId :

V933MS

Tgt Ion:122 Resp: 16315
Ion Ratio Lower Upper
122 100
107 110.0 86.2 129.4
121 57.6 44.6 66.8

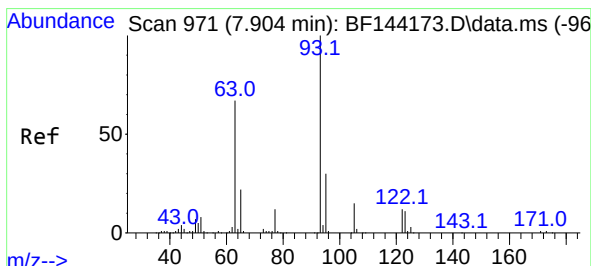
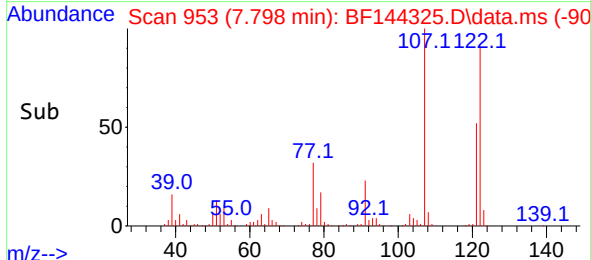
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



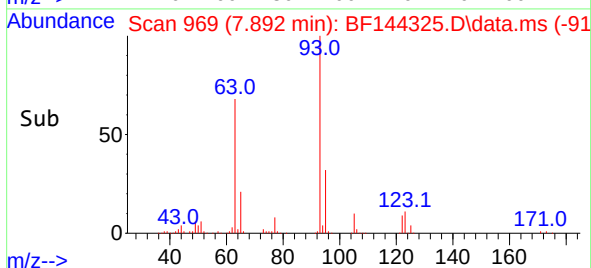
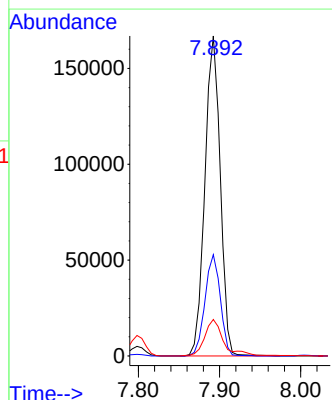
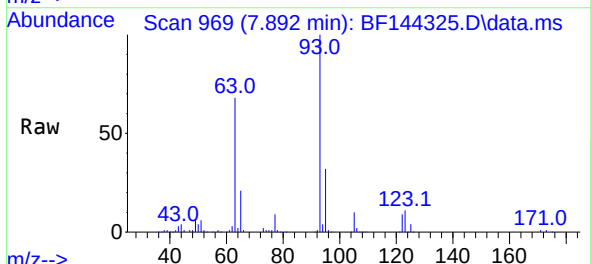
11/25/2025
Supervised By :mohammad
ahmed

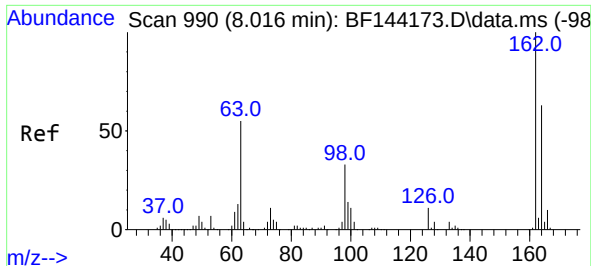
11/26/2025



#28
bis(2-Chloroethoxy)methane
Concen: 48.898 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

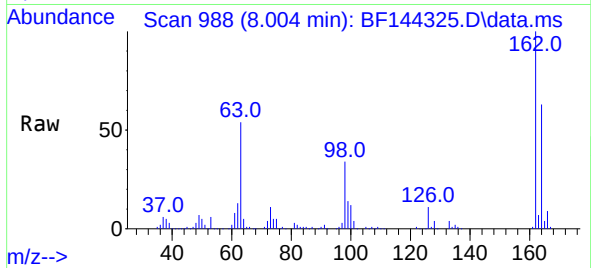
Tgt Ion: 93 Resp: 219539
Ion Ratio Lower Upper
93 100
95 31.7 24.2 36.4
123 11.4 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 46.240 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

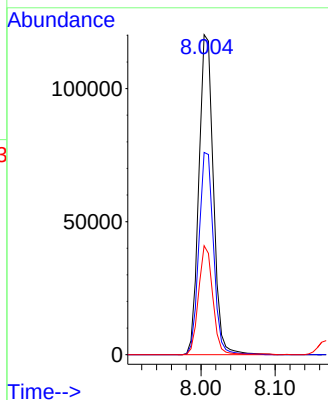
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:162 Resp: 16319
Ion Ratio Lower Upper
162 100
164 63.2 42.9 82.9
98 34.1 13.3 53.3

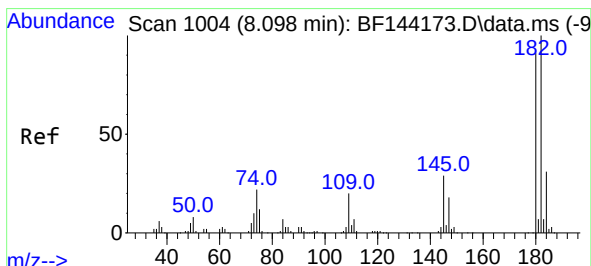
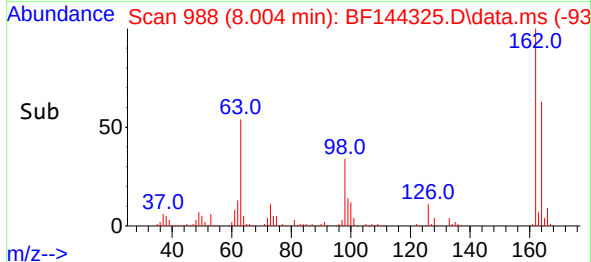
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



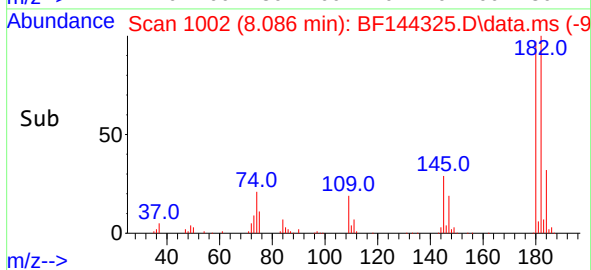
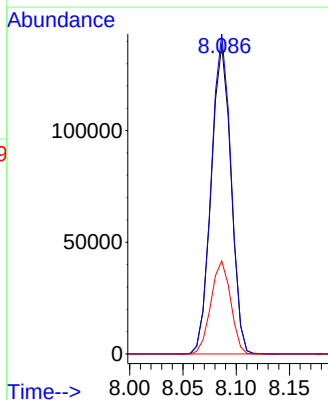
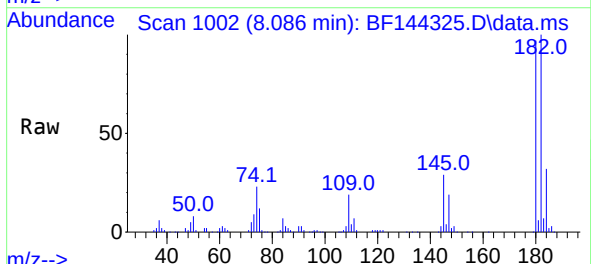
11/25/2025
Supervised By :mohammad
ahmed

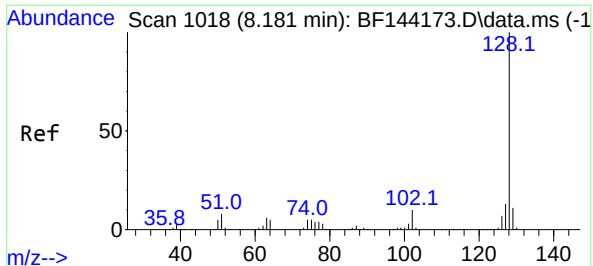
11/26/2025



#30
1,2,4-Trichlorobenzene
Concen: 49.259 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:180 Resp: 178517
Ion Ratio Lower Upper
180 100
182 103.6 87.7 131.5
145 30.2 25.4 38.0





#31
Naphthalene
Concen: 46.895 ng
RT: 8.169 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

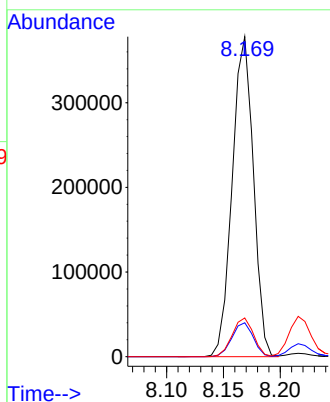
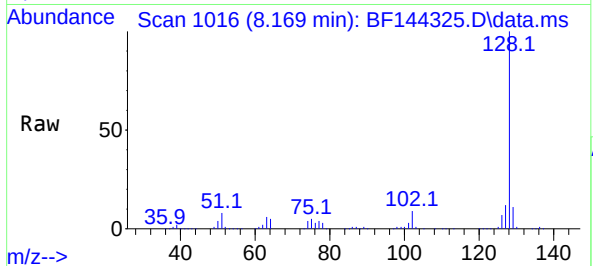
ClientSampleId :

V933MS

Tgt Ion:128 Resp: 489719
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.1 10.3 15.5

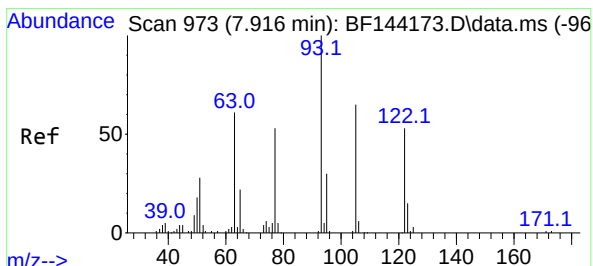
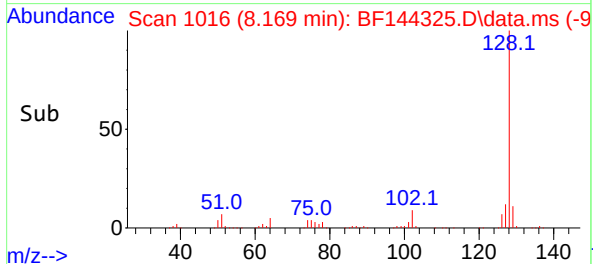
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



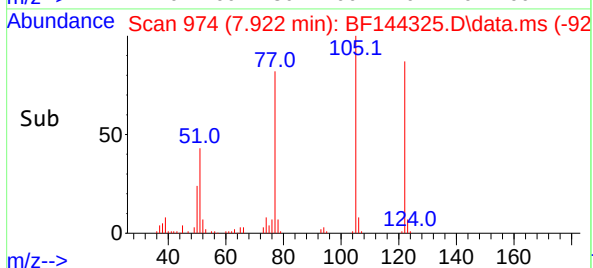
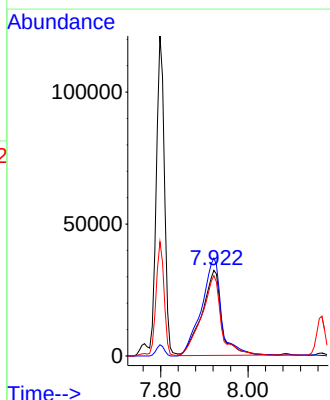
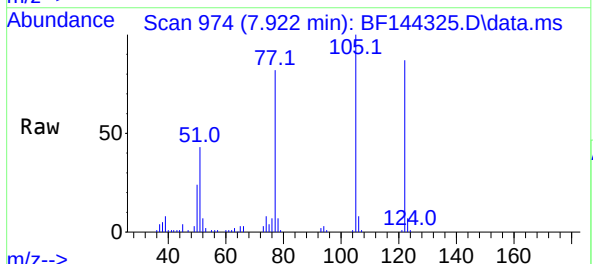
11/25/2025
Supervised By :mohammad
ahmed

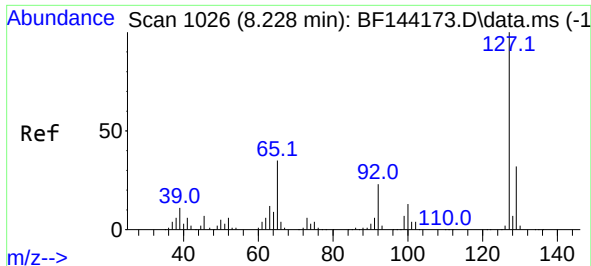
11/26/2025



#32
Benzoic acid
Concen: 45.321 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:122 Resp: 101725
Ion Ratio Lower Upper
122 100
105 114.4 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 17.598 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

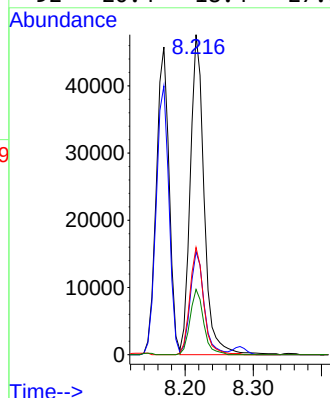
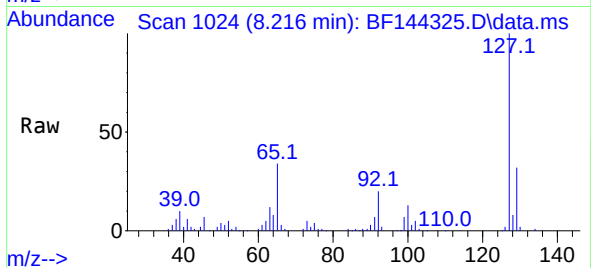
ClientSampleId :

V933MS

Tgt Ion:	127	Resp:	6702
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.3	37.9
65	33.5	27.6	41.4
92	20.4	18.4	27.6

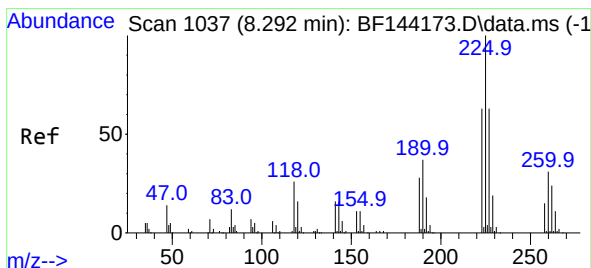
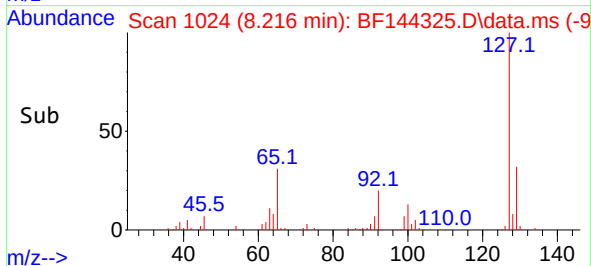
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



11/25/2025
Supervised By :mohammad
ahmed

11/26/2025



#34

Hexachlorobutadiene

Concen: 44.621 ng

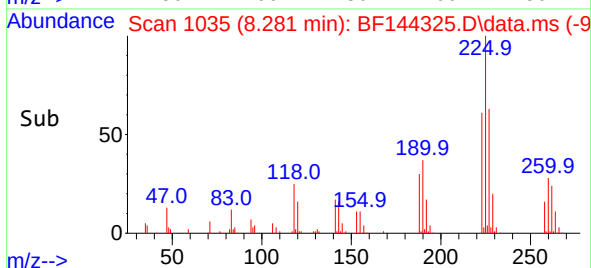
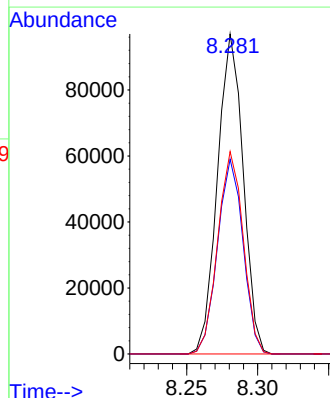
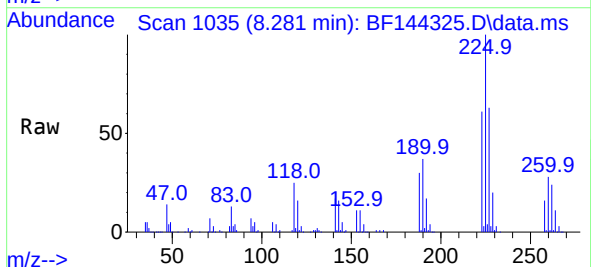
RT: 8.281 min Scan# 1035

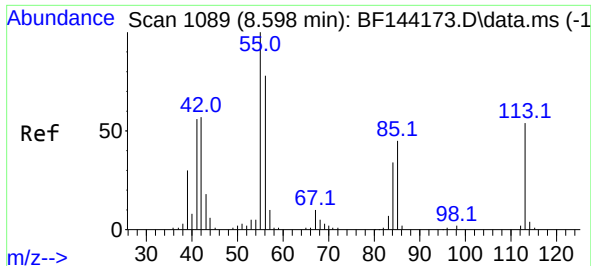
Delta R.T. -0.012 min

Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

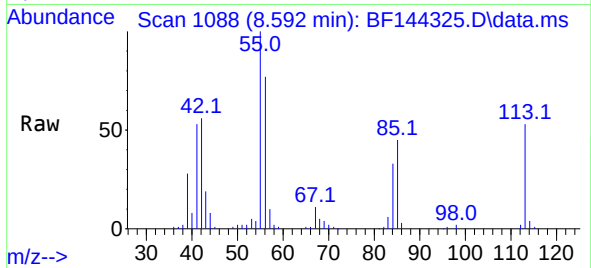
Tgt Ion:	225	Resp:	121870
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.2	75.4
227	63.2	50.1	75.1





#35
Caprolactam
Concen: 51.643 ng m
RT: 8.592 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

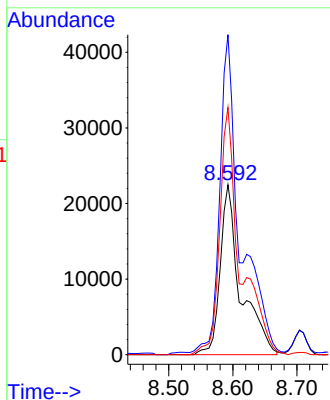
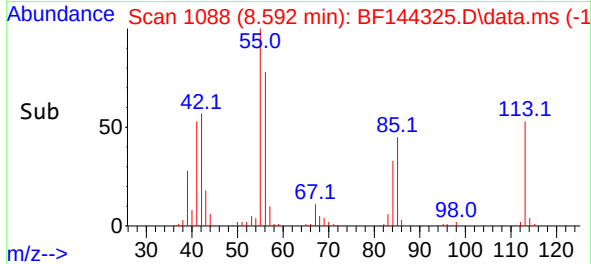
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:113 Resp: 49934
Ion Ratio Lower Upper
113 100
55 188.3 166.8 206.8
56 145.4 125.9 165.9

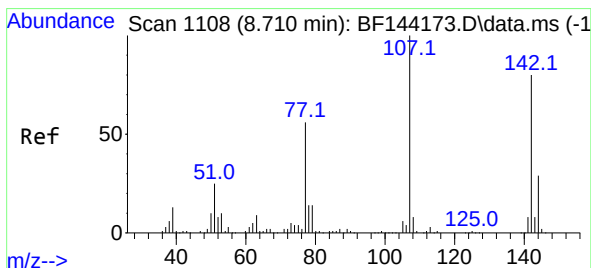
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

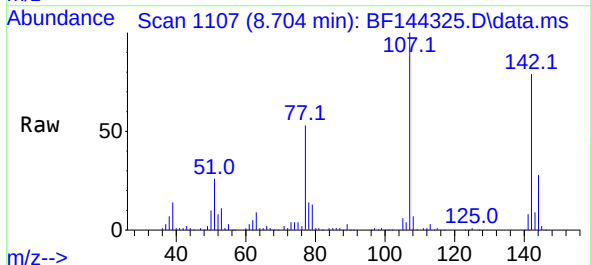


11/25/2025
Supervised By :mohammad
ahmed

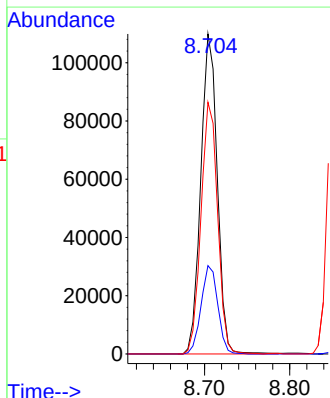
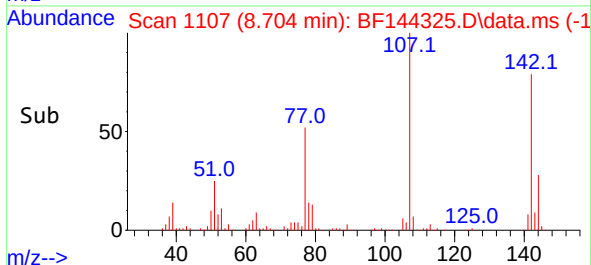
11/26/2025

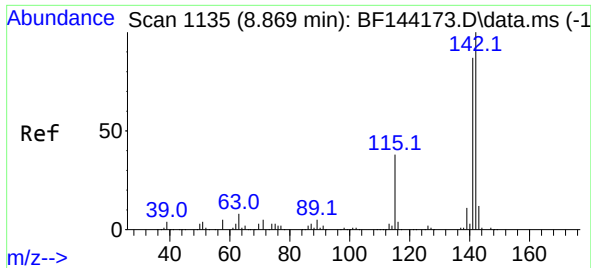


#36
4-Chloro-3-methylphenol
Concen: 46.690 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:107 Resp: 147677
Ion Ratio Lower Upper
107 100
144 27.6 23.3 34.9
142 78.7 63.8 95.6





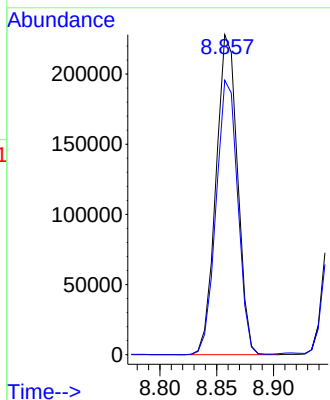
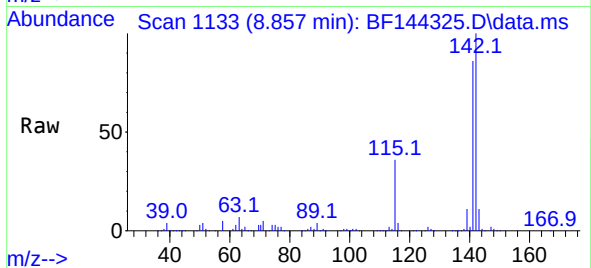
#37
2-Methylnaphthalene
Concen: 43.161 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:142 Resp: 301350
Ion Ratio Lower Upper
142 100
141 85.8 69.9 104.9

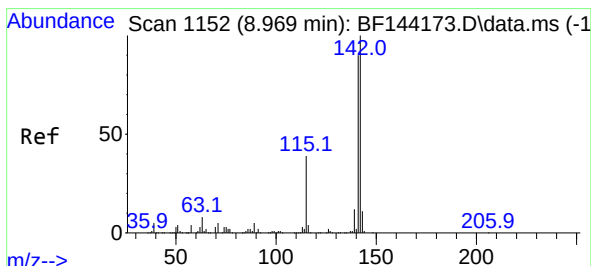
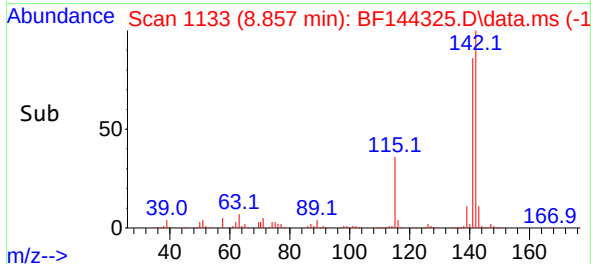
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



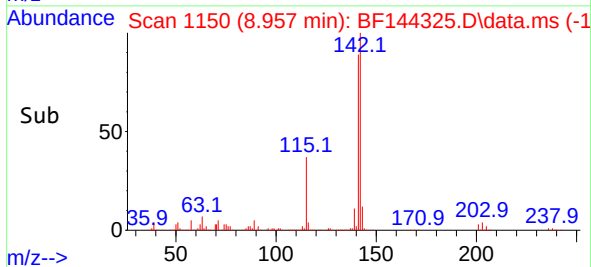
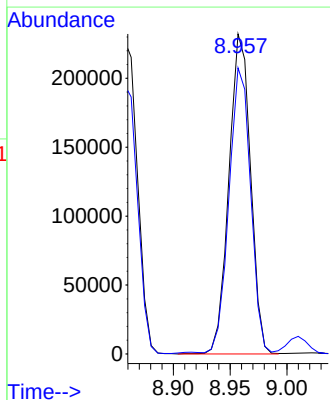
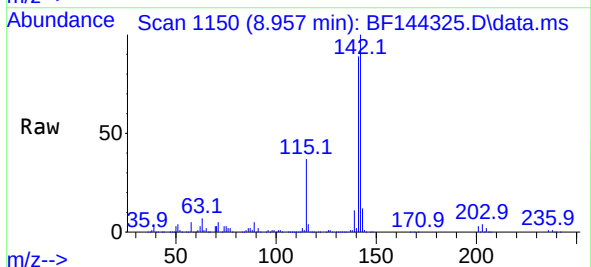
11/25/2025
Supervised By :mohammad
ahmed

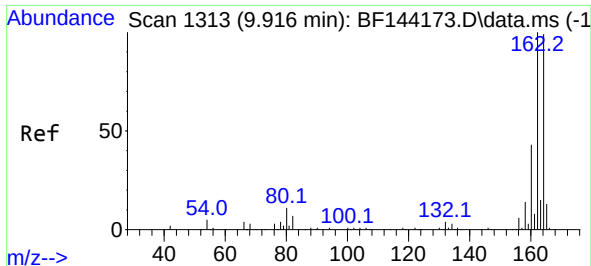
11/26/2025



#38
1-Methylnaphthalene
Concen: 45.610 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:142 Resp: 307268
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

ClientSampleId :

V933MS

Tgt Ion:164 Resp: 123038

Ion Ratio Lower Upper

164 100

162 98.7 81.1 121.7

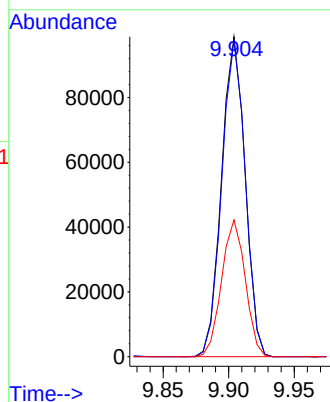
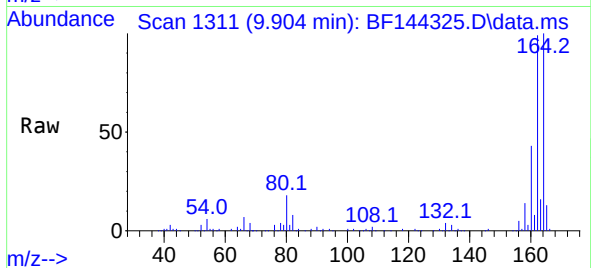
160 42.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut

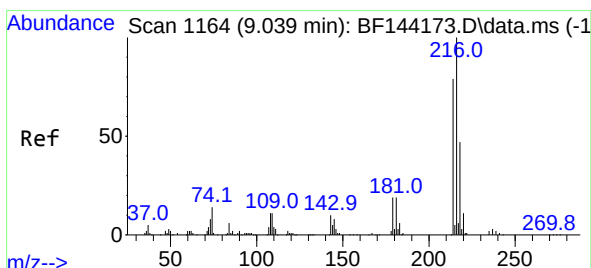
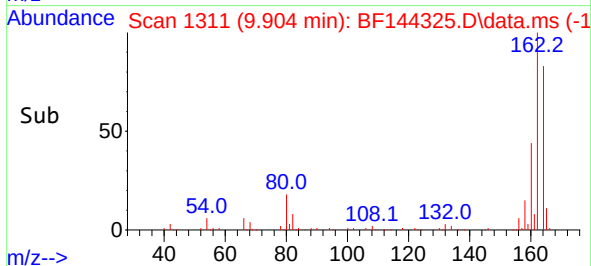
Upadhyay



11/25/2025

Supervised By :mohammad
ahmed

11/26/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.401 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

Tgt Ion:216 Resp: 179042

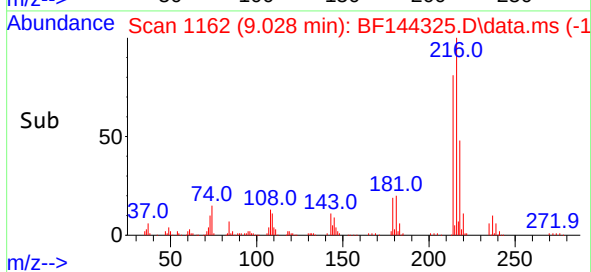
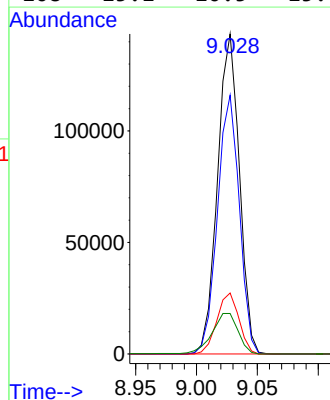
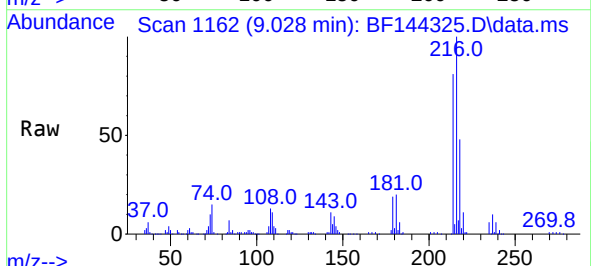
Ion Ratio Lower Upper

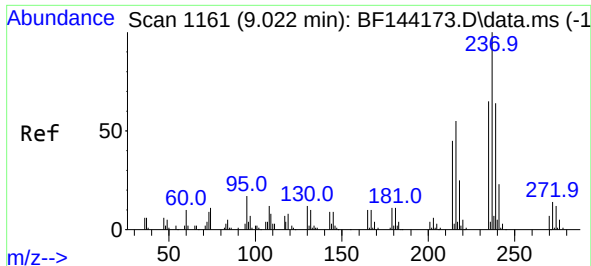
216 100

214 80.9 63.4 95.2

179 19.2 15.0 22.4

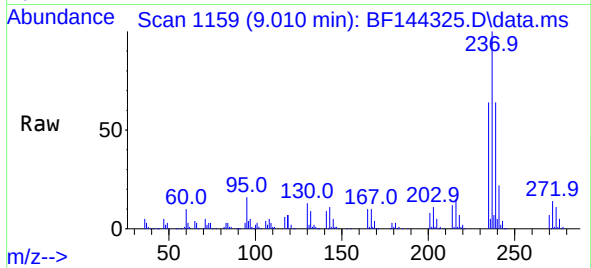
108 15.1 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 98.949 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

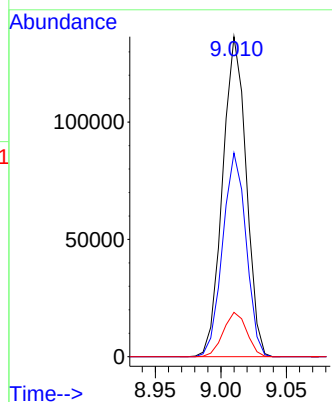
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:237 Resp: 170392
Ion Ratio Lower Upper
237 100
235 63.6 45.5 85.5
272 13.9 0.0 33.5

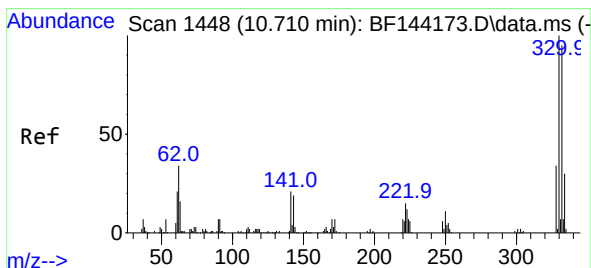
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



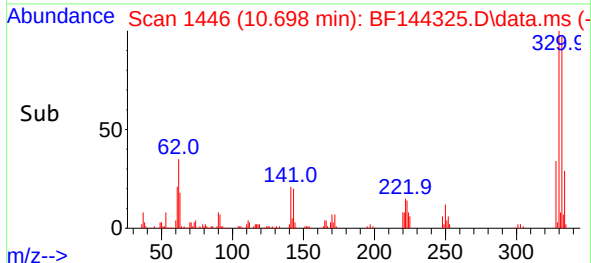
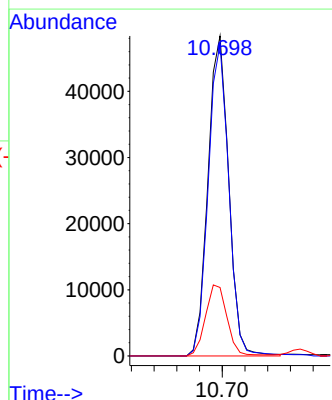
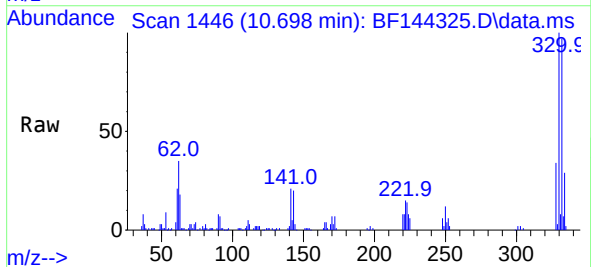
11/25/2025
Supervised By :mohammad
ahmed

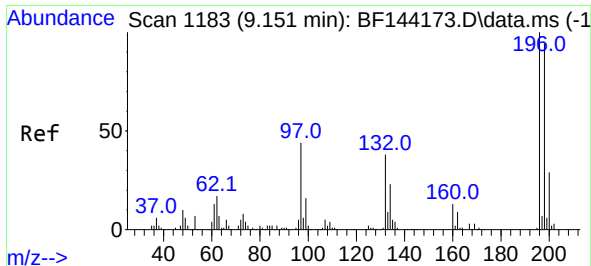
11/26/2025



#42
2,4,6-Tribromophenol
Concen: 39.633 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

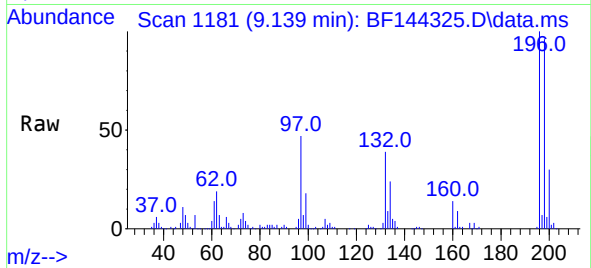
Tgt Ion:330 Resp: 61192
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 23.1 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 45.436 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

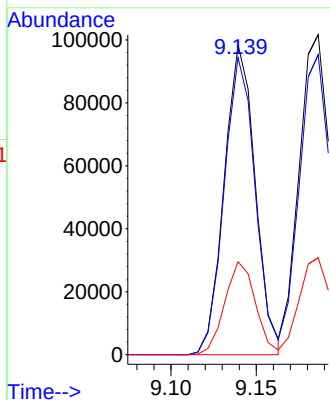
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:196 Resp: 124699
Ion Ratio Lower Upper
196 100
198 95.8 75.3 112.9
200 30.0 23.4 35.2

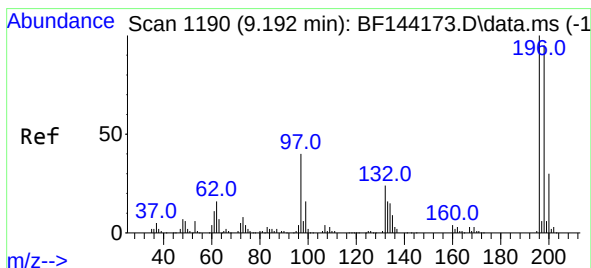
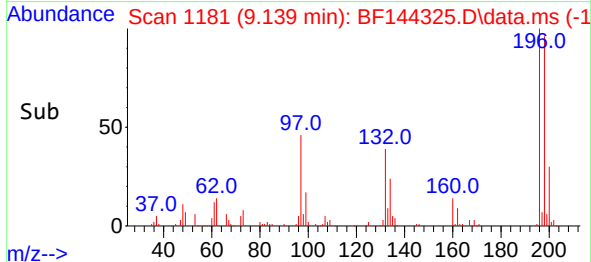
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



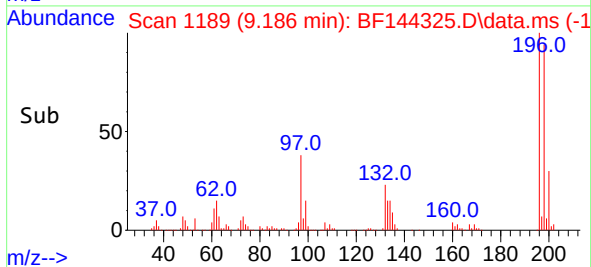
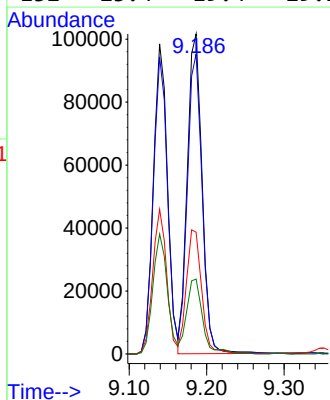
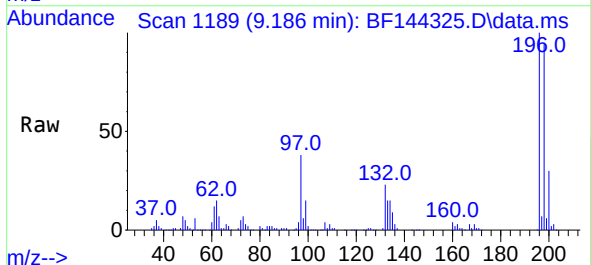
11/25/2025
Supervised By :mohammad
ahmed

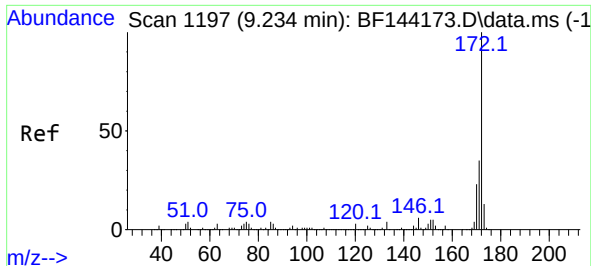
11/26/2025



#44
2,4,5-Trichlorophenol
Concen: 45.662 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:196 Resp: 135064
Ion Ratio Lower Upper
196 100
198 93.8 76.1 114.1
97 38.1 31.9 47.9
132 23.4 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 52.748 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

ClientSampleId :

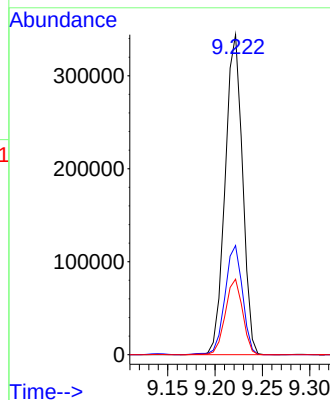
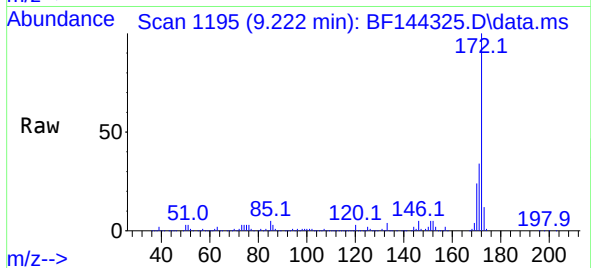
V933MS

Tgt Ion:172 Resp: 439428

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.1	42.1
170	23.6	18.6	28.0

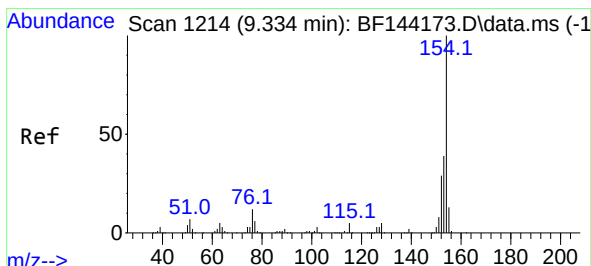
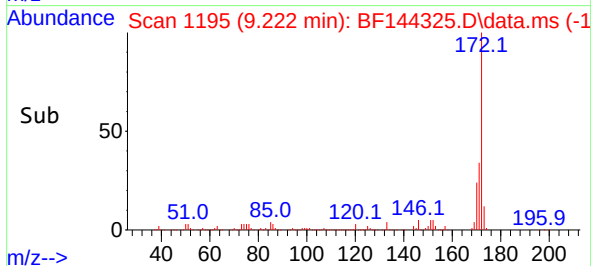
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



11/25/2025
Supervised By :mohammad
ahmed

11/26/2025



#46

1,1'-Biphenyl

Concen: 47.287 ng

RT: 9.322 min Scan# 1212

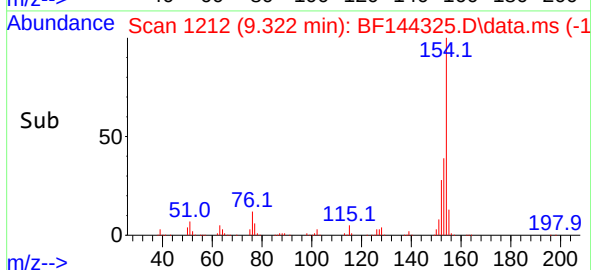
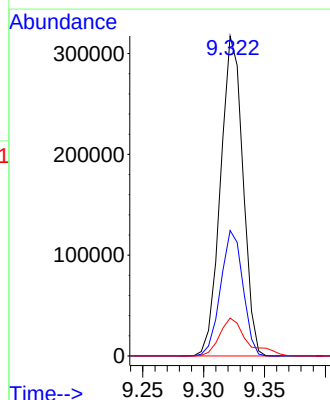
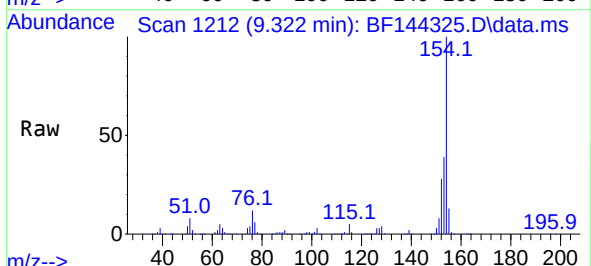
Delta R.T. -0.012 min

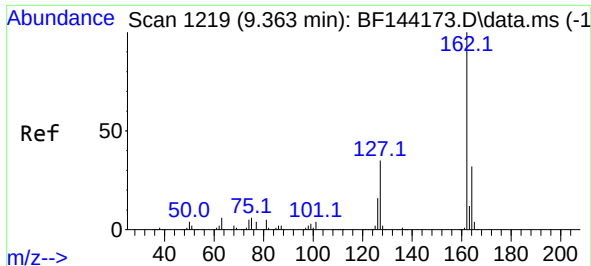
Lab File: BF144325.D

Acq: 24 Nov 2025 15:50

Tgt Ion:154 Resp: 406119

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.2	59.2
76	11.9	0.0	31.8





#47
2-Chloronaphthalene
Concen: 45.079 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

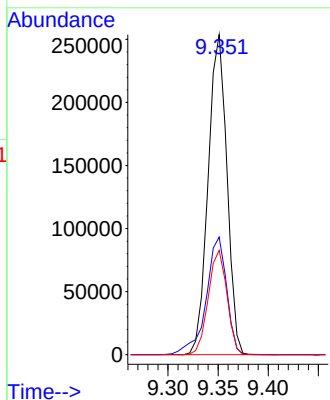
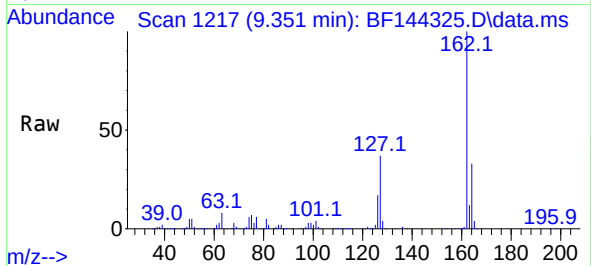
ClientSampleId :

V933MS

Tgt Ion:162 Resp: 33024
Ion Ratio Lower Upper
162 100
127 36.7 28.8 43.2
164 32.6 25.8 38.8

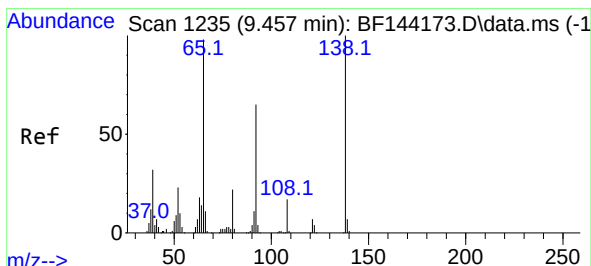
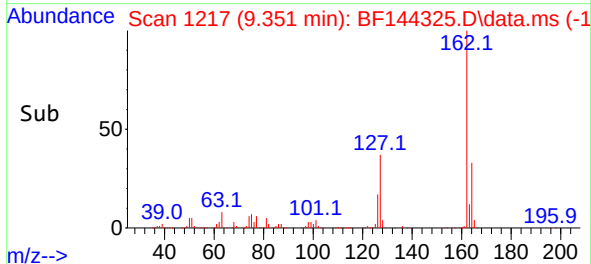
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



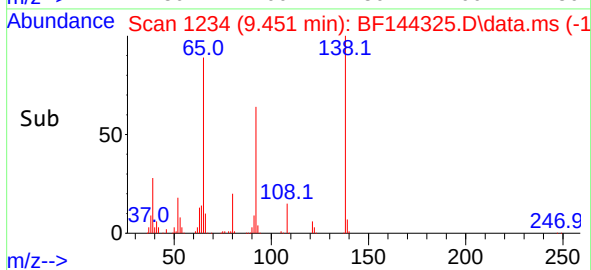
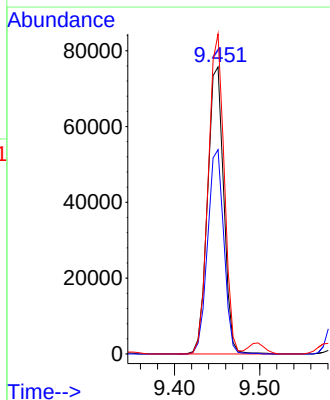
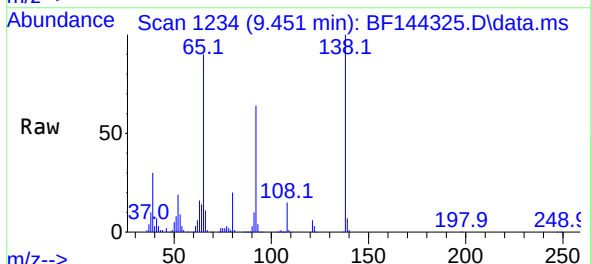
11/25/2025
Supervised By :mohammad
ahmed

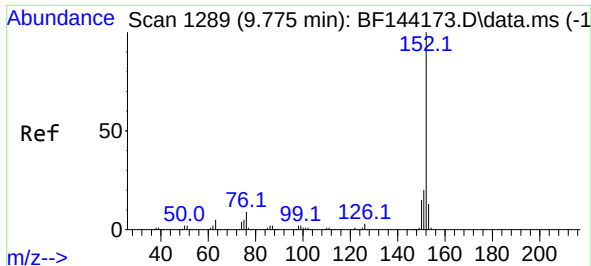
11/26/2025



#48
2-Nitroaniline
Concen: 47.205 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion: 65 Resp: 99783
Ion Ratio Lower Upper
65 100
92 71.2 53.0 79.6
138 111.5 81.6 122.4





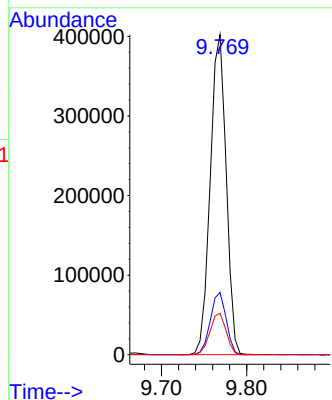
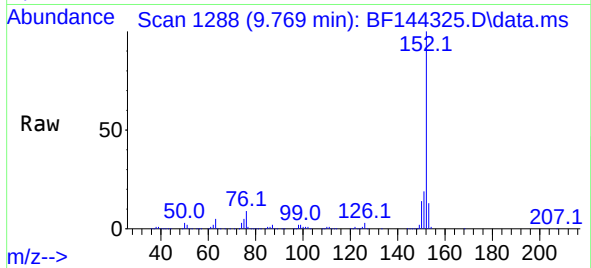
#49
Acenaphthylene
Concen: 52.243 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:152 Resp: 52155
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.0 10.5 15.7

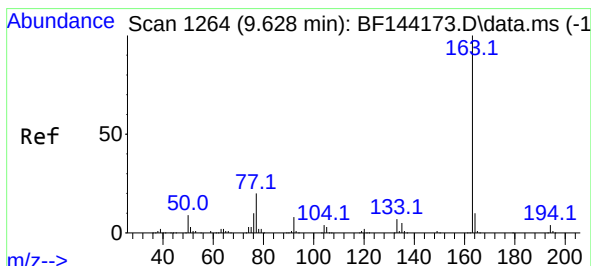
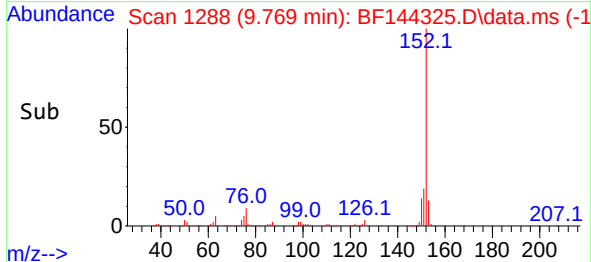
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



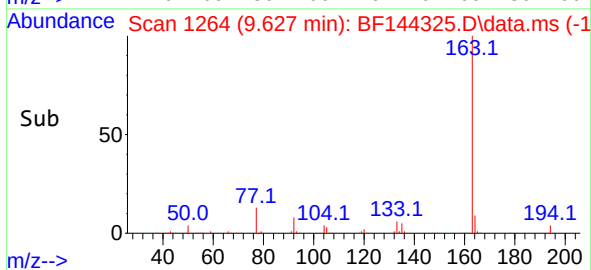
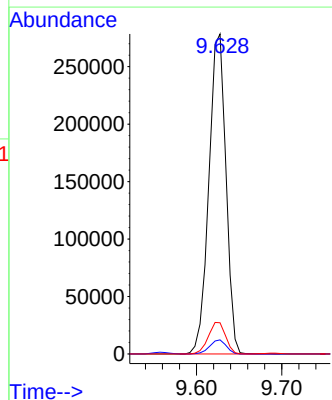
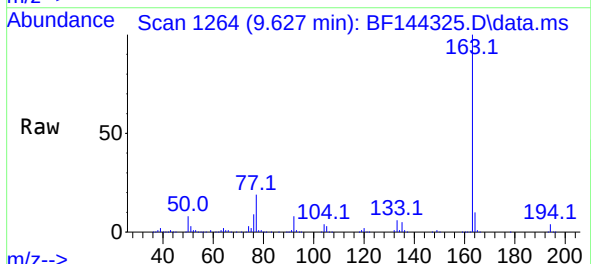
11/25/2025
Supervised By :mohammad
ahmed

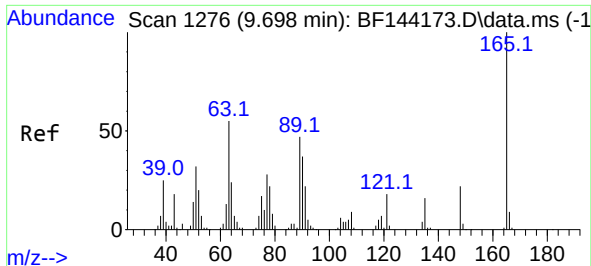
11/26/2025



#50
Dimethylphthalate
Concen: 47.510 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:163 Resp: 387256
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.8 8.1 12.1





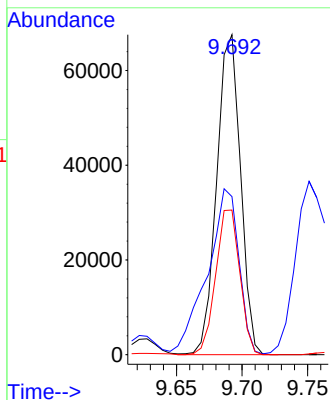
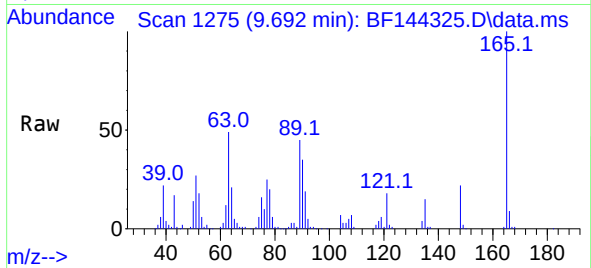
#51
2,6-Dinitrotoluene
Concen: 51.666 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:165 Resp: 85250
Ion Ratio Lower Upper
165 100
63 49.4 43.8 65.8
89 45.2 37.5 56.3

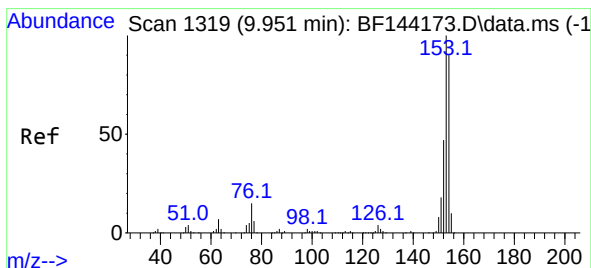
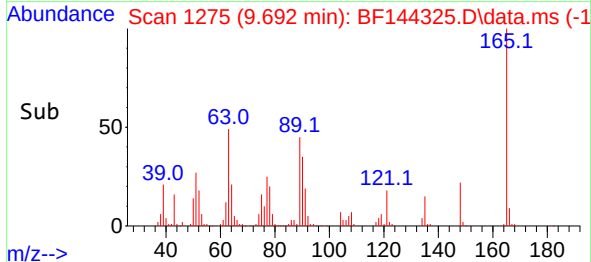
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



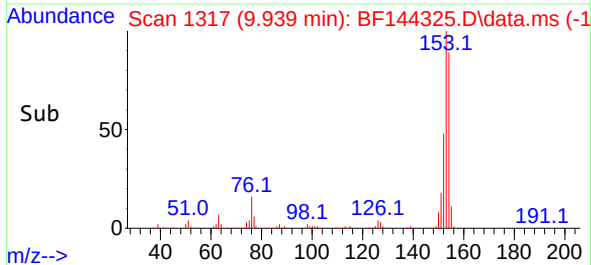
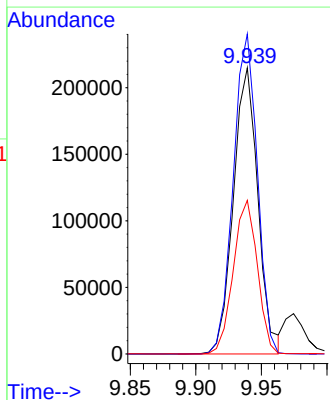
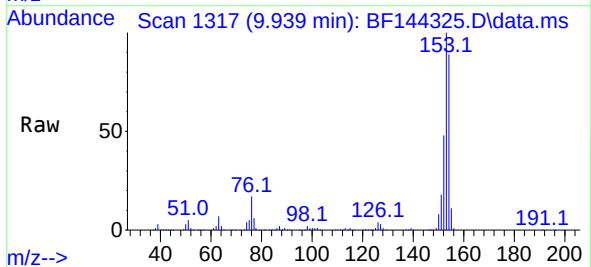
11/25/2025
Supervised By :mohammad
ahmed

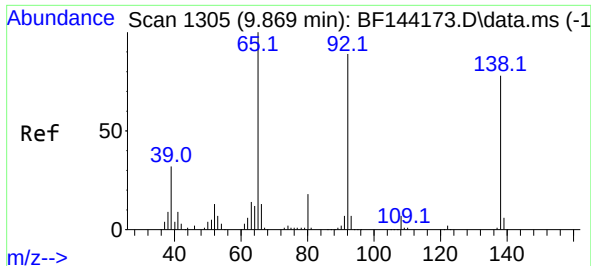
11/26/2025



#52
Acenaphthene
Concen: 42.070 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:154 Resp: 280861
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.4
152 53.7 42.2 63.4





#53
3-Nitroaniline
Concen: 30.516 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

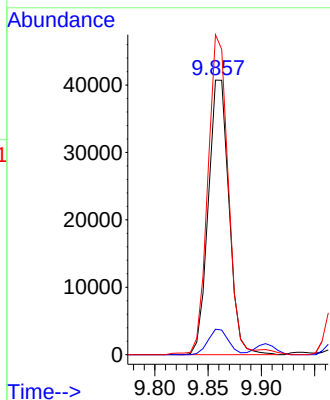
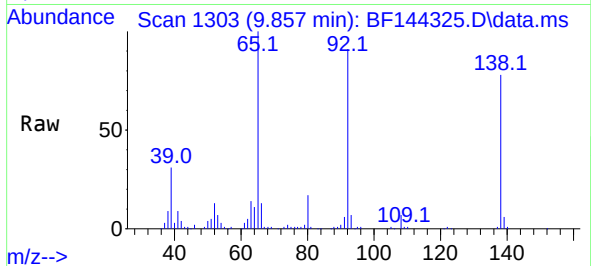
ClientSampleId :

V933MS

Tgt Ion:138 Resp: 5504
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 116.6 91.8 137.6

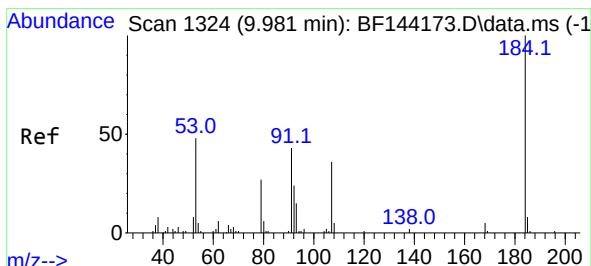
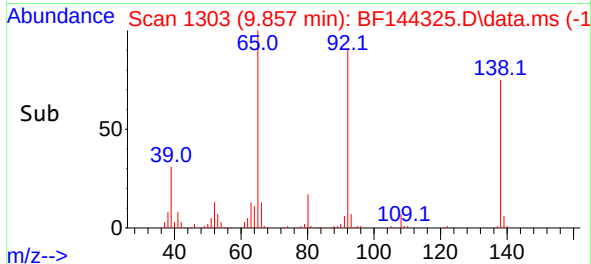
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



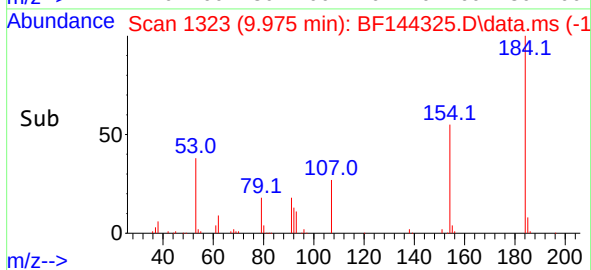
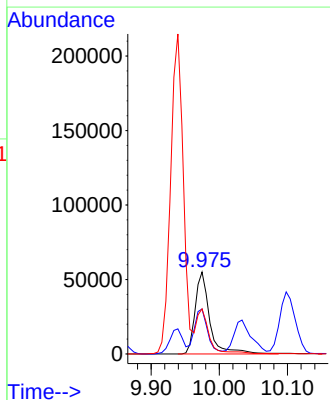
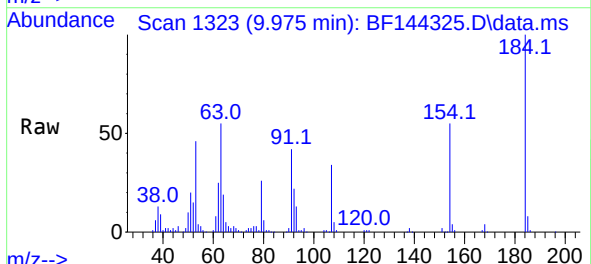
11/25/2025
Supervised By :mohammad
ahmed

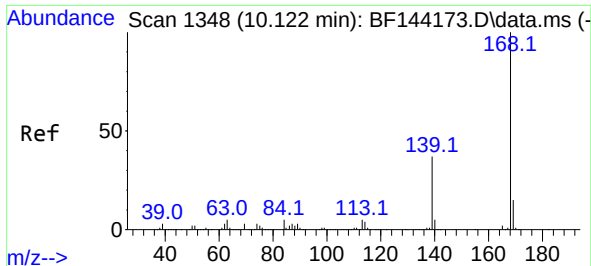
11/26/2025



#54
2,4-Dinitrophenol
Concen: 82.461 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

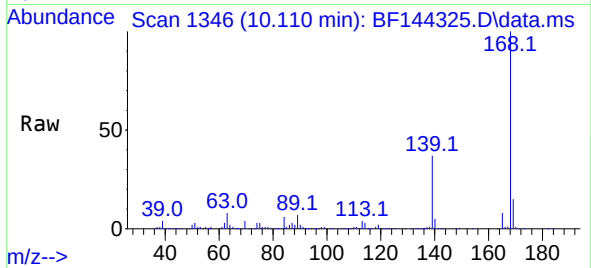
Tgt Ion:184 Resp: 82162
Ion Ratio Lower Upper
184 100
63 54.8 44.0 66.0
154 55.1 42.4 63.6





#55
Dibenzenofuran
Concen: 45.399 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

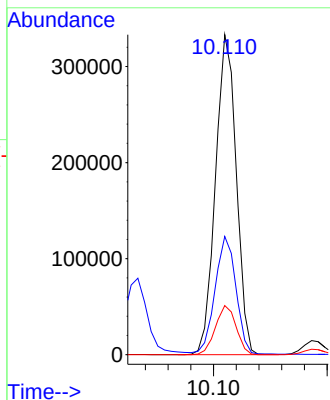
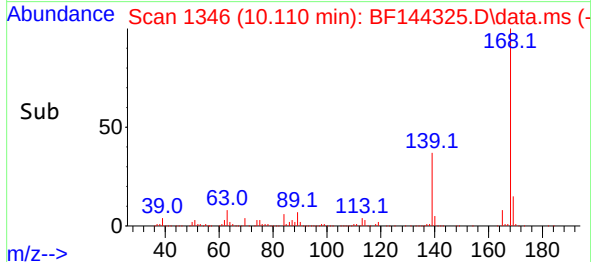
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:168 Resp: 42448
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 15.4 12.2 18.4

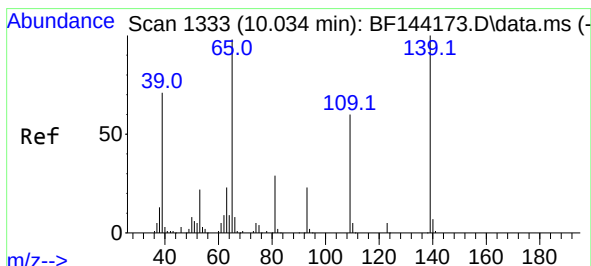
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



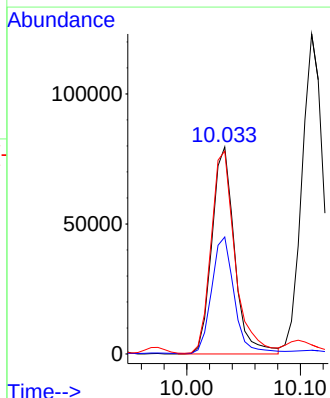
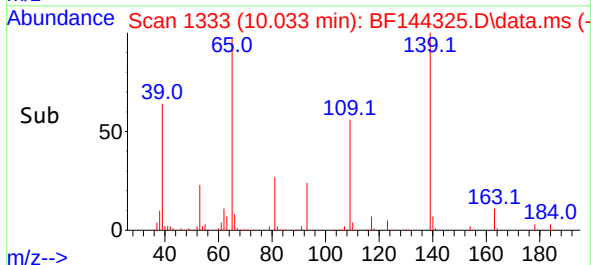
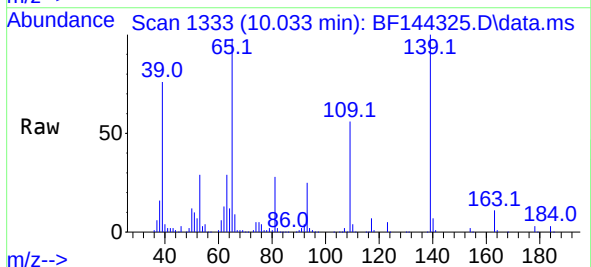
11/25/2025
Supervised By :mohammad
ahmed

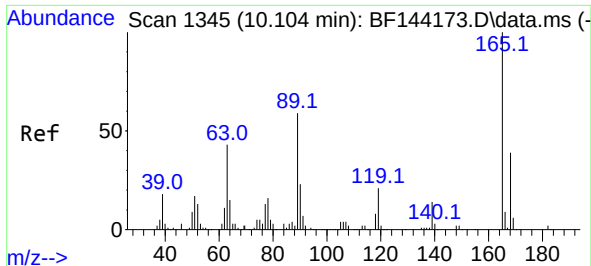
11/26/2025



#56
4-Nitrophenol
Concen: 84.535 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:139 Resp: 110298
Ion Ratio Lower Upper
139 100
109 56.5 39.9 79.9
65 98.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 48.460 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

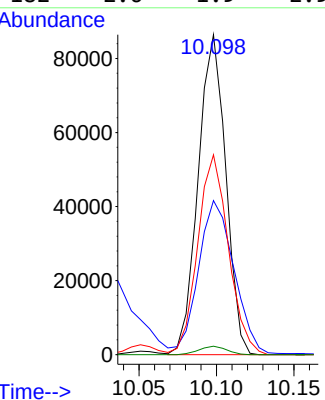
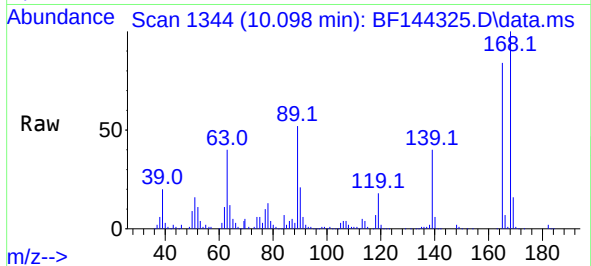
ClientSampleId :

V933MS

Tgt Ion:165 Resp: 10704
Ion Ratio Lower Upper
165 100
63 48.2 35.5 53.3
89 62.5 47.4 71.2
182 2.6 1.9 2.9

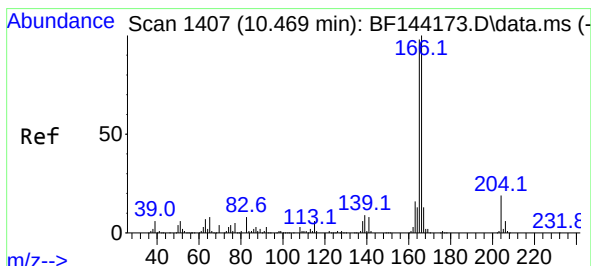
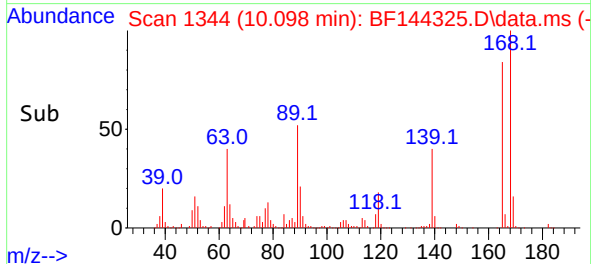
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



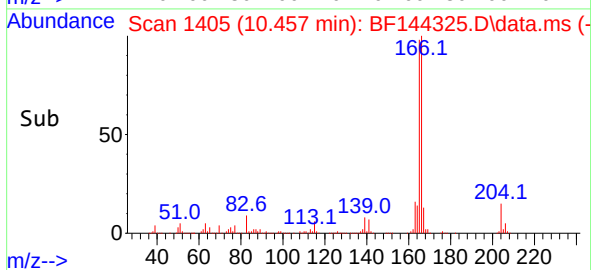
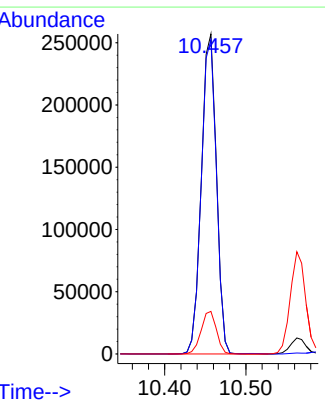
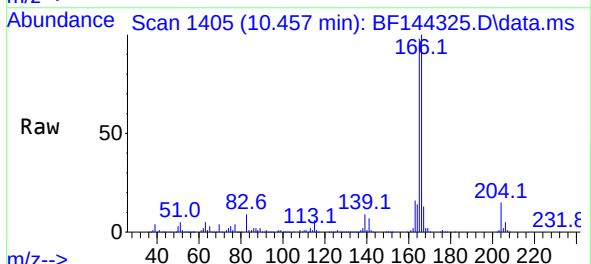
11/25/2025
Supervised By :mohammad
ahmed

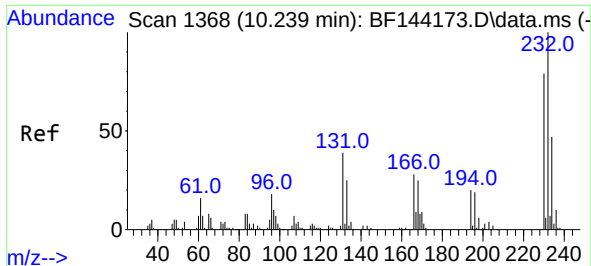
11/26/2025



#58
Fluorene
Concen: 46.593 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

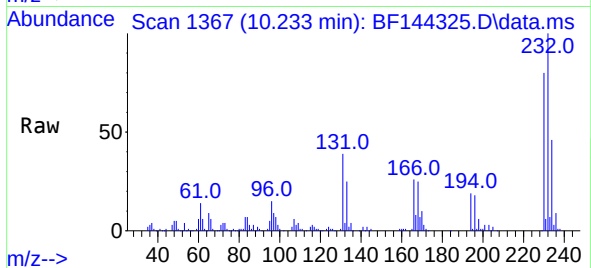
Tgt Ion:166 Resp: 331229
Ion Ratio Lower Upper
166 100
165 98.2 78.6 118.0
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.842 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

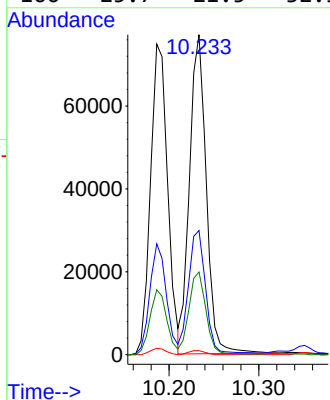
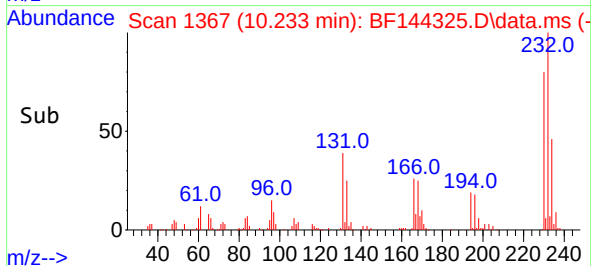
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:232 Resp: 10012
Ion Ratio Lower Upper
232 100
131 40.3 30.3 45.5
130 1.3 1.2 1.8
166 25.7 21.5 32.3

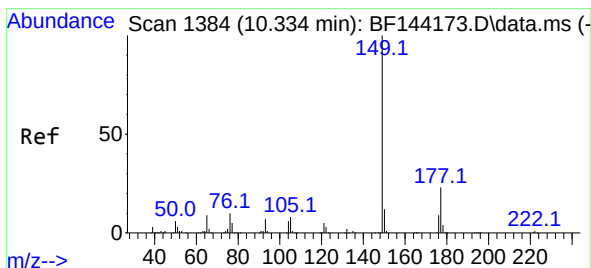
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

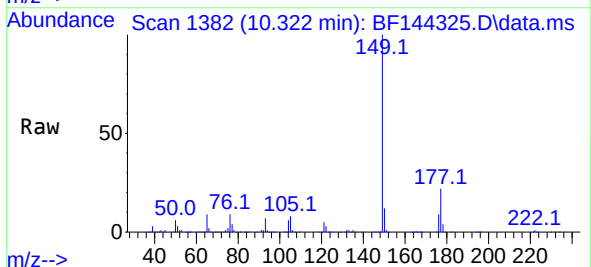


11/25/2025
Supervised By :mohammad
ahmed

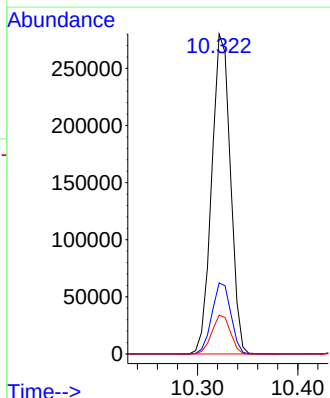
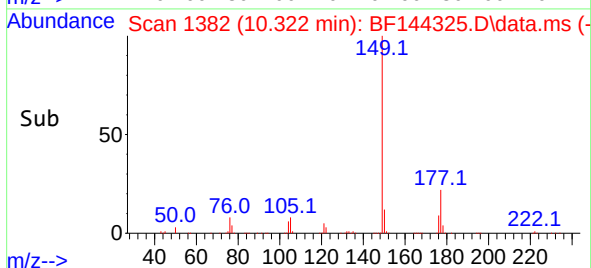
11/26/2025

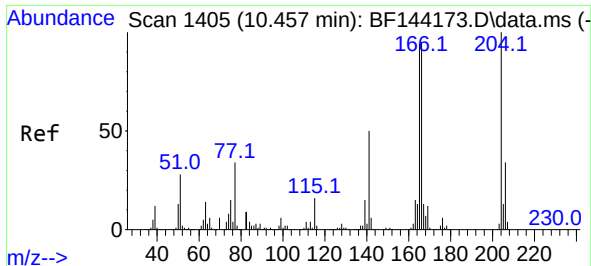


#60
Diethylphthalate
Concen: 48.331 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



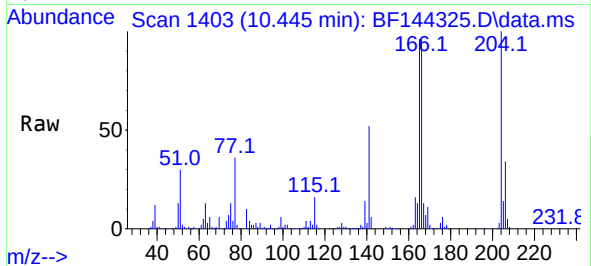
Tgt Ion:149 Resp: 363158
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 43.849 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

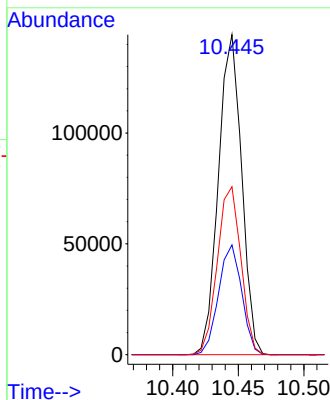
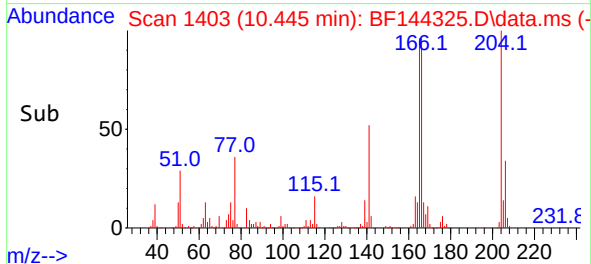
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:204 Resp: 17756
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 52.5 40.0 60.0

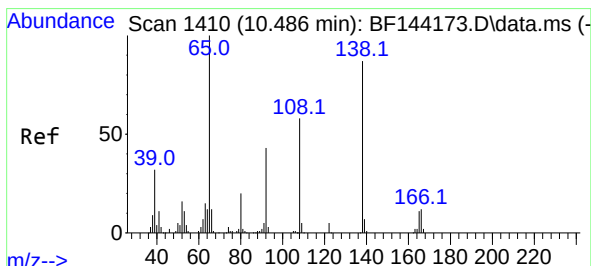
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

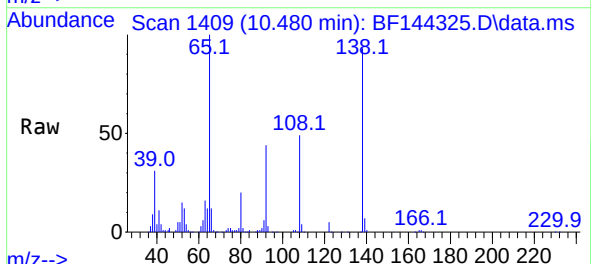


11/25/2025
Supervised By :mohammad
ahmed

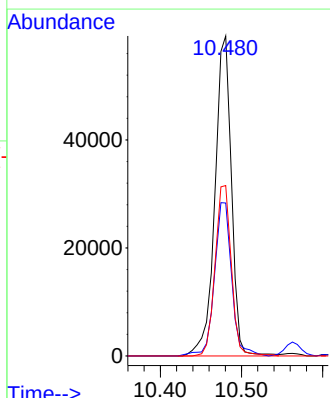
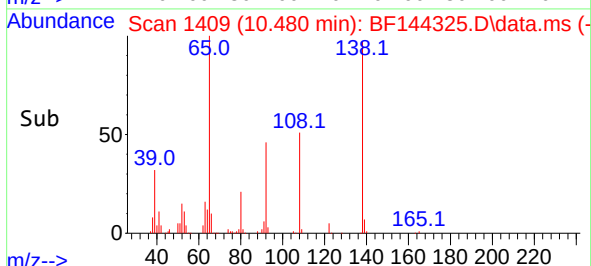
11/26/2025

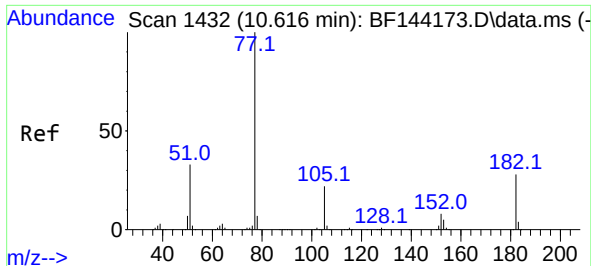


#62
4-Nitroaniline
Concen: 48.949 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



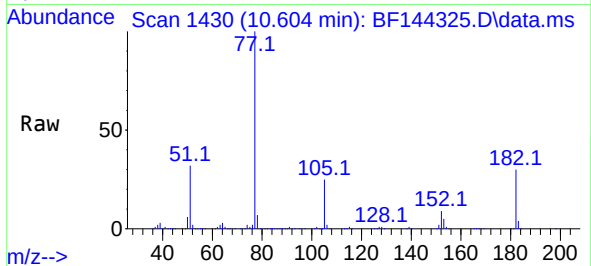
Tgt Ion:138 Resp: 84081
Ion Ratio Lower Upper
138 100
92 47.8 29.4 69.4
108 53.2 46.4 86.4





#63
Azobenzene
Concen: 52.850 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

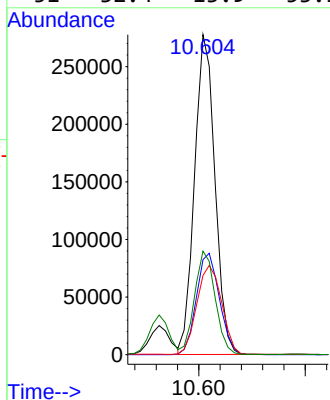
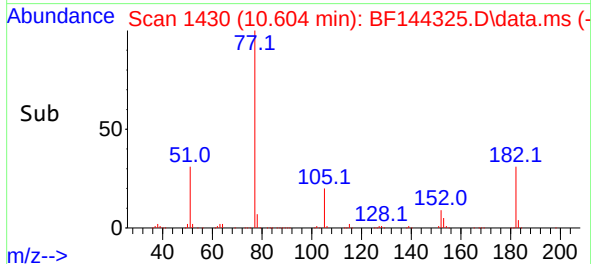
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 77 Resp: 36958
Ion Ratio Lower Upper
77 100
182 29.7 8.1 48.1
105 24.8 2.0 42.0
51 32.4 13.9 53.9

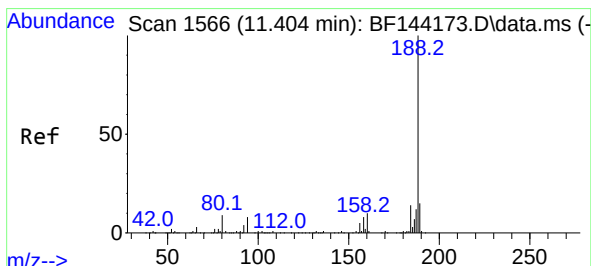
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

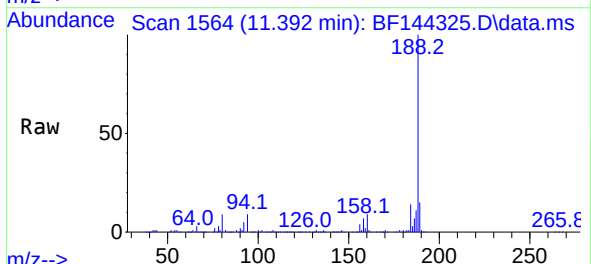


11/25/2025
Supervised By :mohammad
ahmed

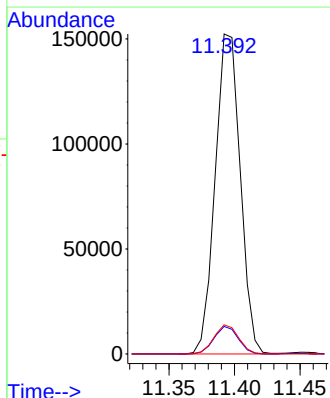
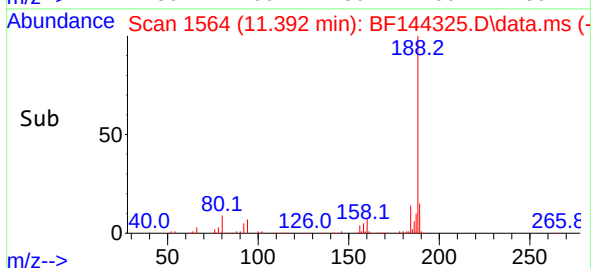
11/26/2025

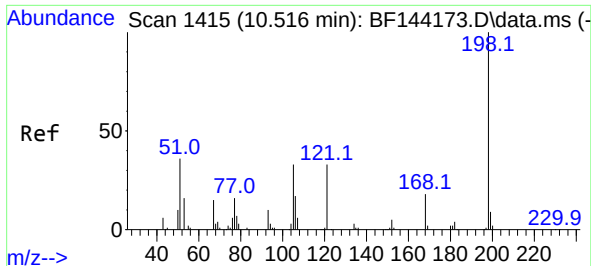


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:188 Resp: 202567
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.1 6.9 10.3





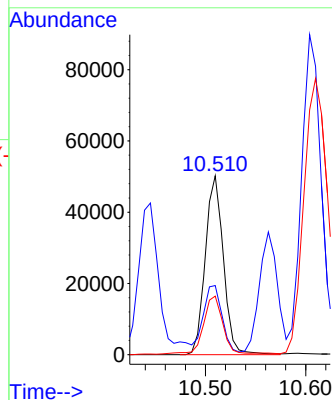
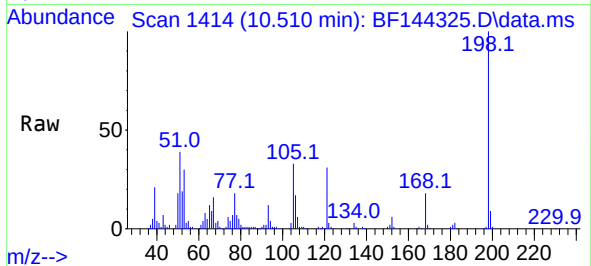
#65
4,6-Dinitro-2-methylphenol
Concen: 46.044 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:198 Resp: 63362
Ion Ratio Lower Upper
198 100
51 38.6 25.6 65.6
105 32.8 14.6 54.6

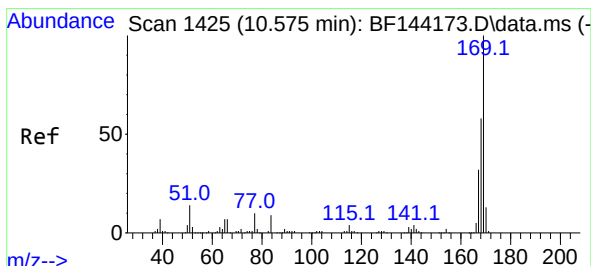
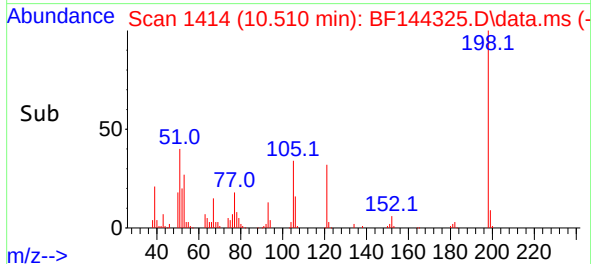
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



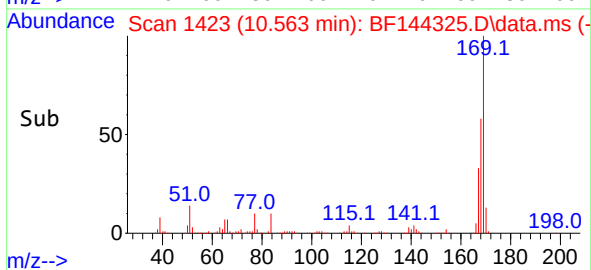
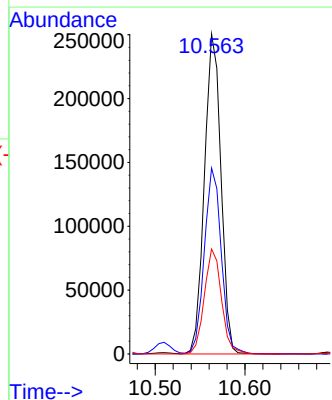
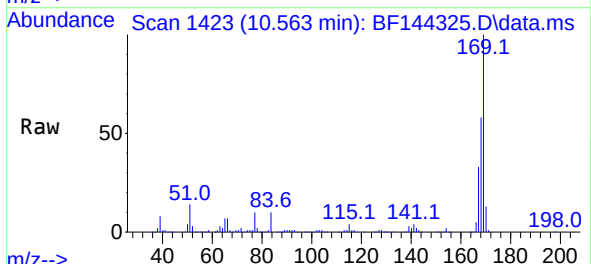
11/25/2025
Supervised By :mohammad
ahmed

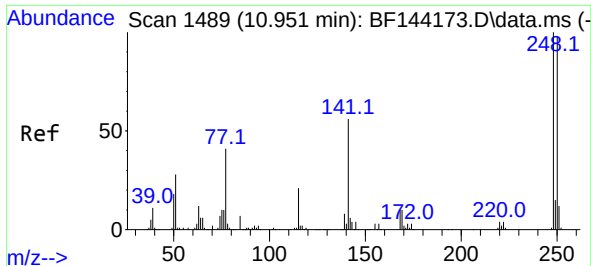
11/26/2025



#66
n-Nitrosodiphenylamine
Concen: 49.224 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

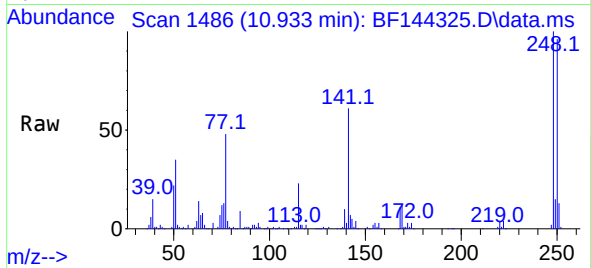
Tgt Ion:169 Resp: 320696
Ion Ratio Lower Upper
169 100
168 58.1 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 45.777 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

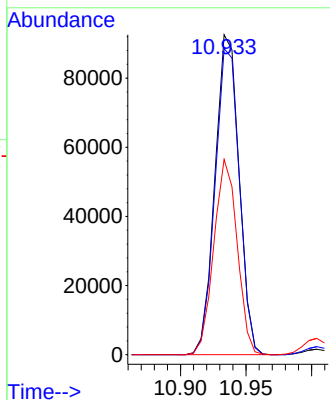
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:248 Resp: 118360
Ion Ratio Lower Upper
248 100
250 95.6 78.4 117.6
141 61.0 45.1 67.7

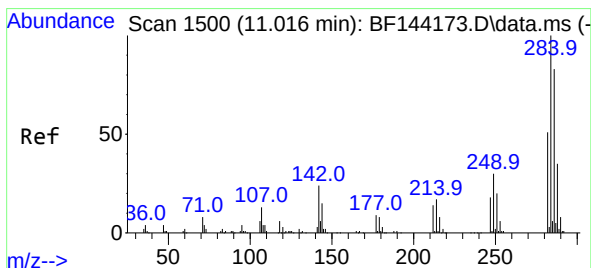
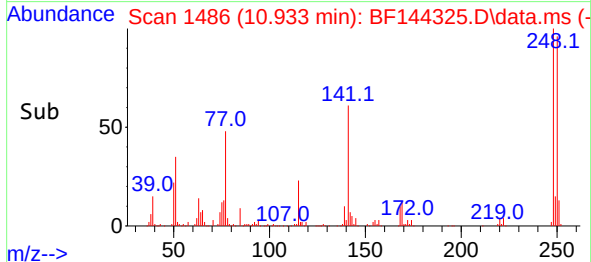
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



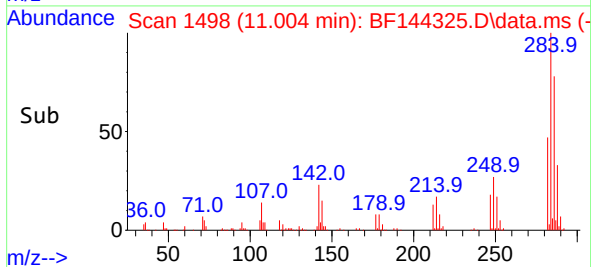
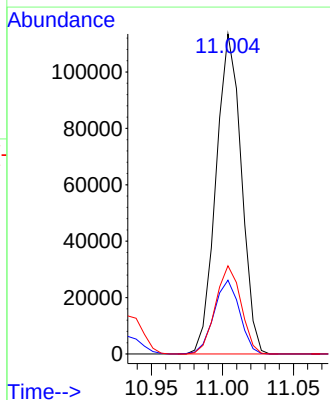
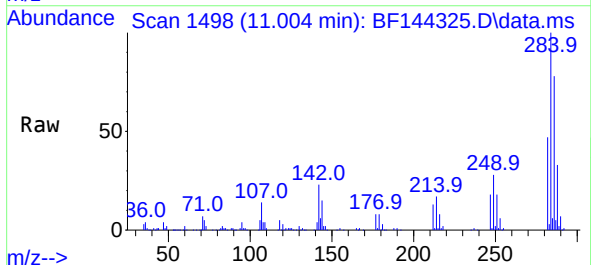
11/25/2025
Supervised By :mohammad
ahmed

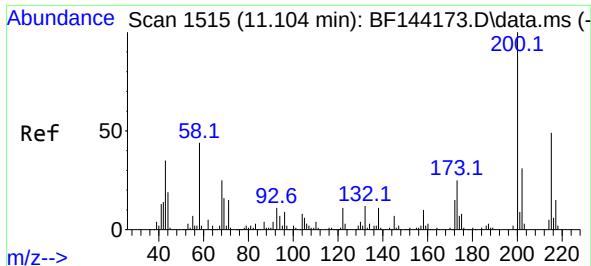
11/26/2025



#68
Hexachlorobenzene
Concen: 46.244 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

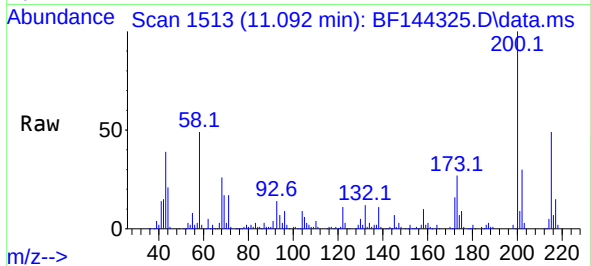
Tgt Ion:284 Resp: 140834
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 27.5 23.8 35.8





#69
Atrazine
Concen: 51.679 ng
RT: 11.092 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

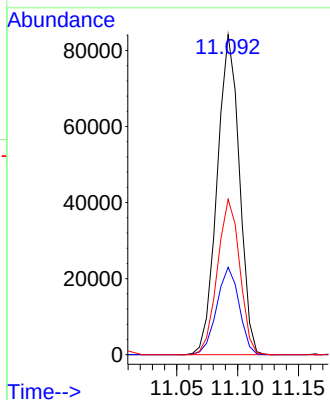
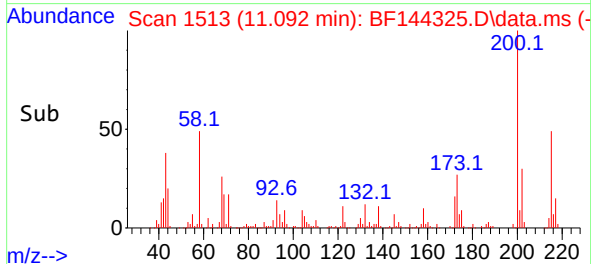
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:200 Resp: 107070
Ion Ratio Lower Upper
200 100
173 27.3 5.0 45.0
215 48.6 28.7 68.7

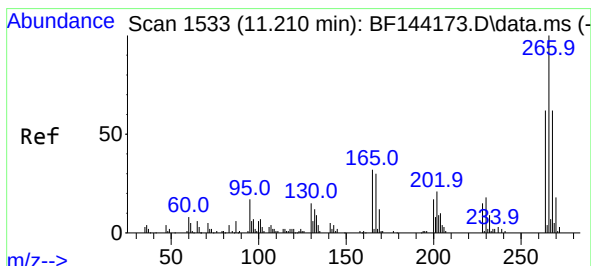
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

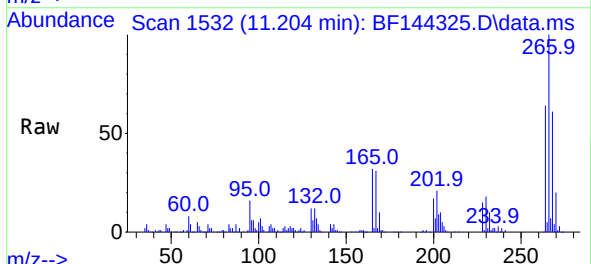


11/25/2025
Supervised By :mohammad
ahmed

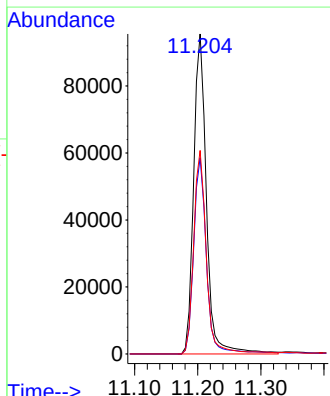
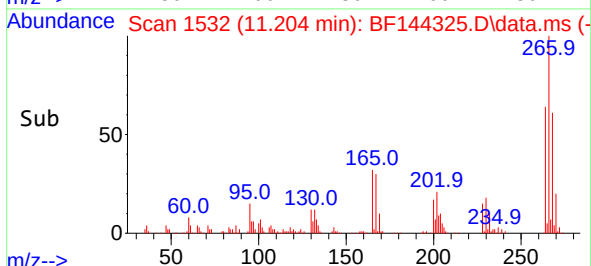
11/26/2025

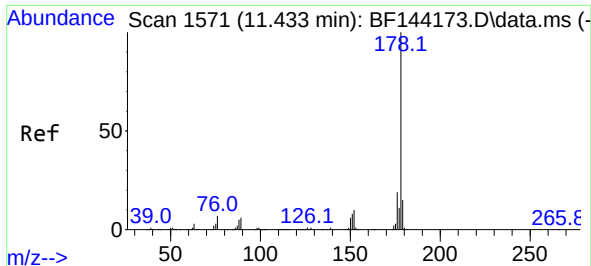


#70
Pentachlorophenol
Concen: 88.613 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:266 Resp: 134384
Ion Ratio Lower Upper
266 100
268 61.4 49.5 74.3
264 63.6 49.4 74.2





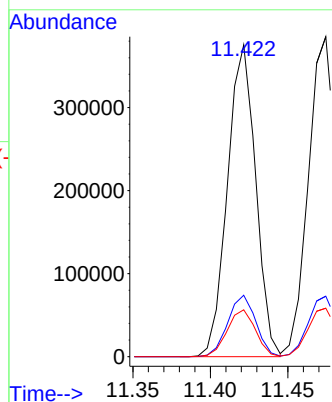
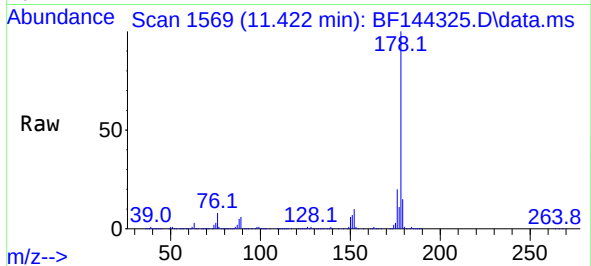
#71
Phenanthrene
Concen: 47.153 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:178 Resp: 47556
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.1 12.2 18.4

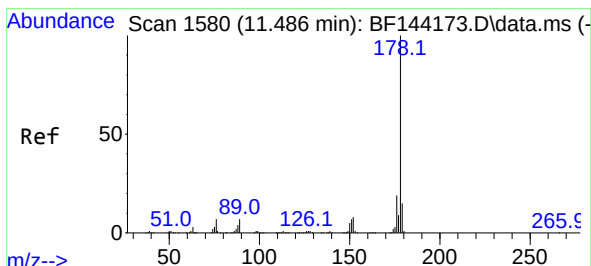
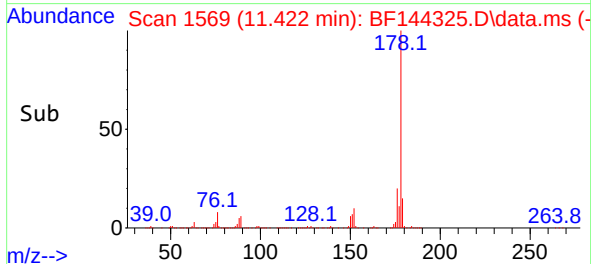
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



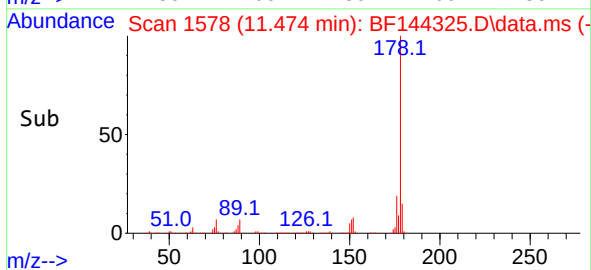
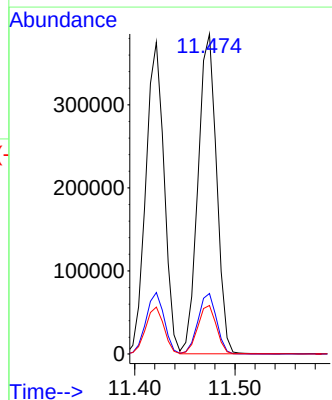
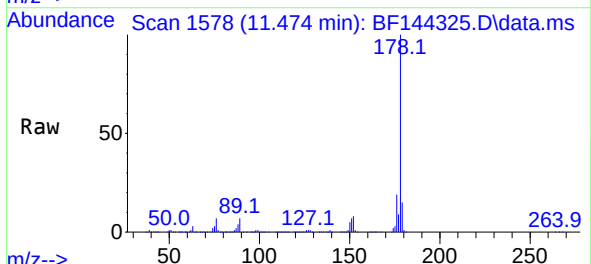
11/25/2025
Supervised By :mohammad
ahmed

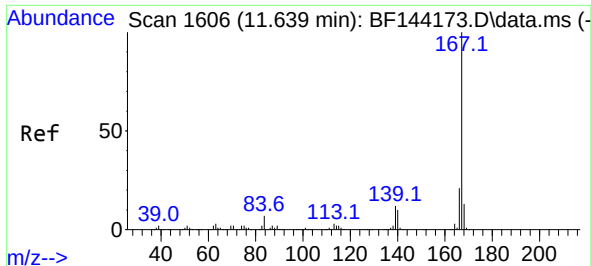
11/26/2025



#72
Anthracene
Concen: 48.283 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

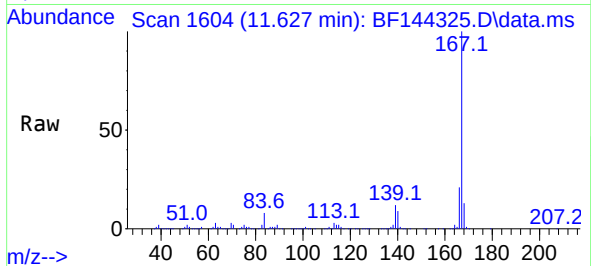
Tgt Ion:178 Resp: 495154
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 48.078 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

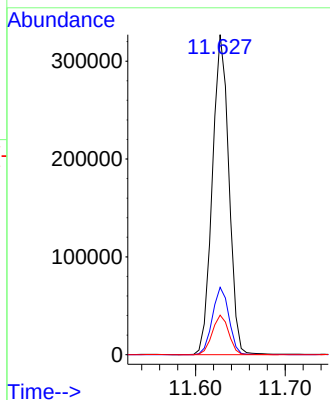
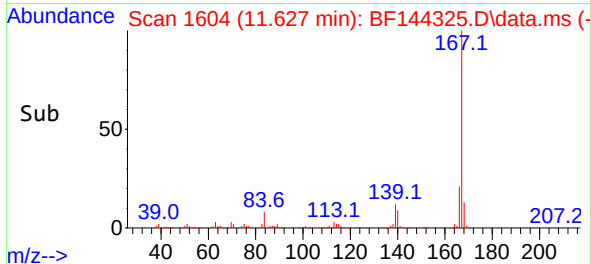
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:167 Resp: 419258
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.4 9.9 14.9

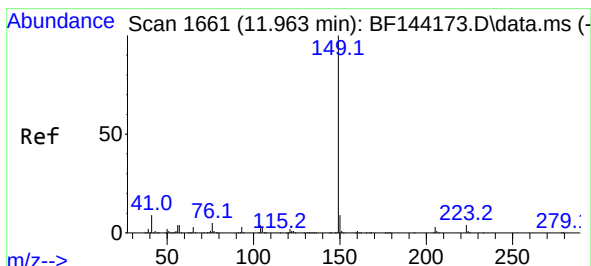
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

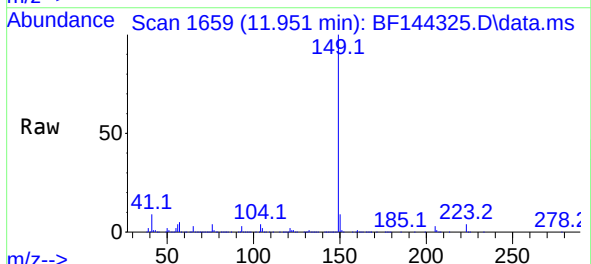


11/25/2025
Supervised By :mohammad
ahmed

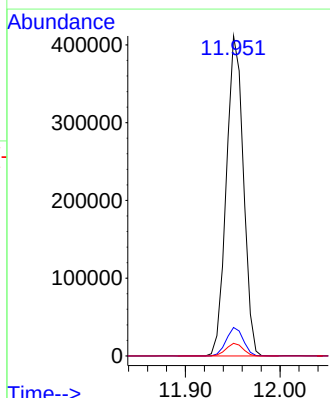
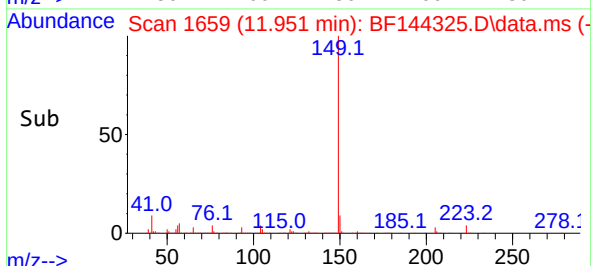
11/26/2025

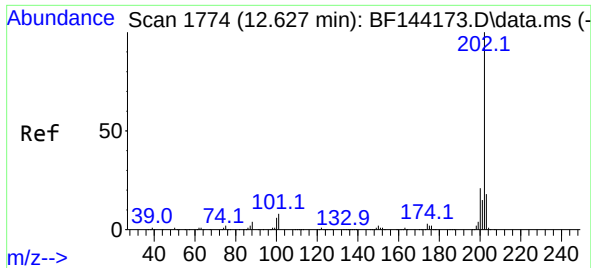


#74
Di-n-butylphthalate
Concen: 48.890 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



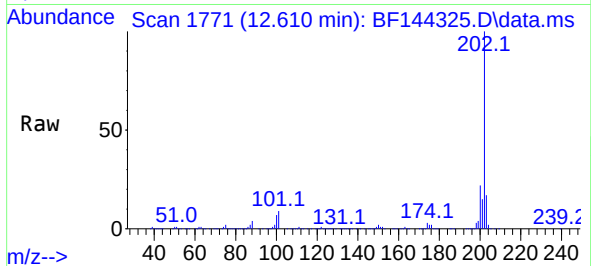
Tgt Ion:149 Resp: 515400
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 45.292 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

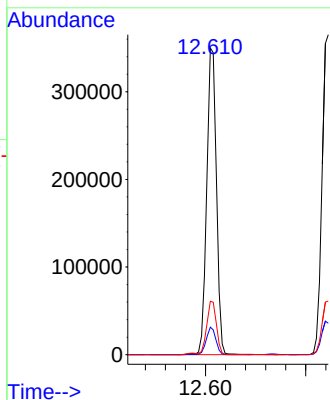
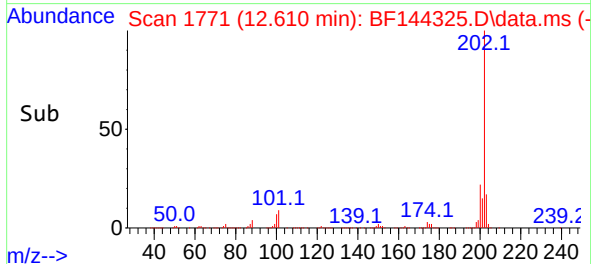
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:202 Resp: 471869
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 17.4 0.0 37.5

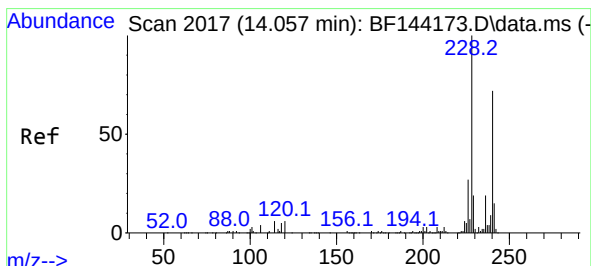
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

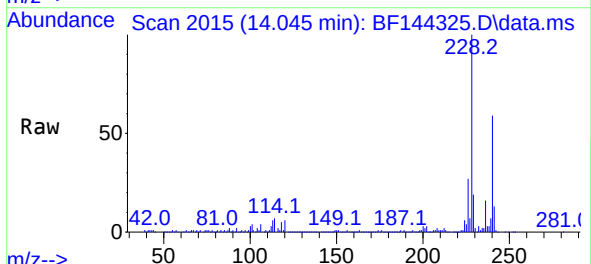


11/25/2025
Supervised By :mohammad
ahmed

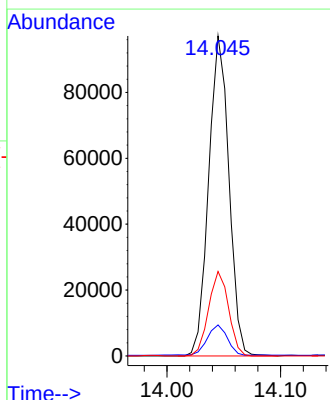
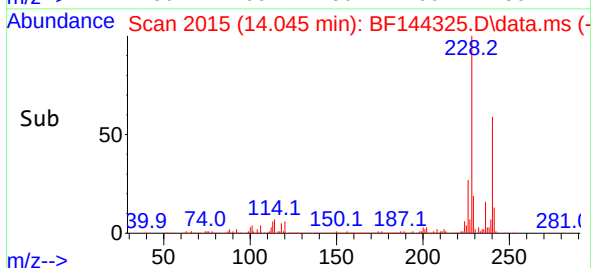
11/26/2025

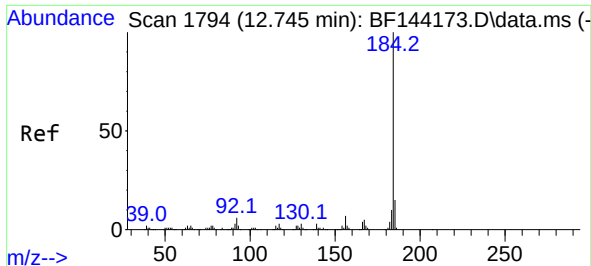


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



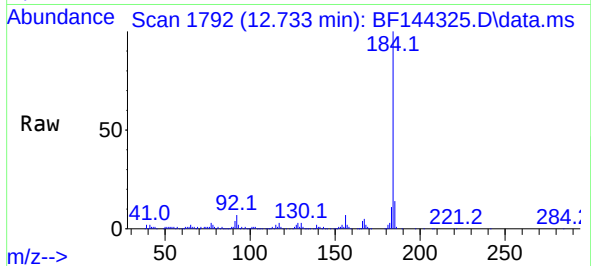
Tgt Ion:240 Resp: 120422
Ion Ratio Lower Upper
240 100
120 9.7 6.6 10.0
236 26.4 21.4 32.2





#77
Benzidine
Concen: 54.776 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

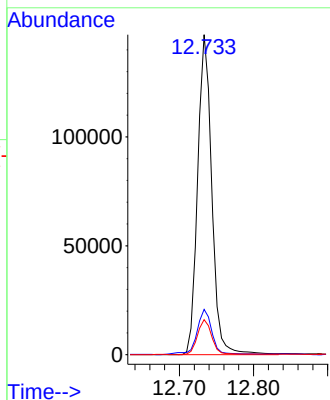
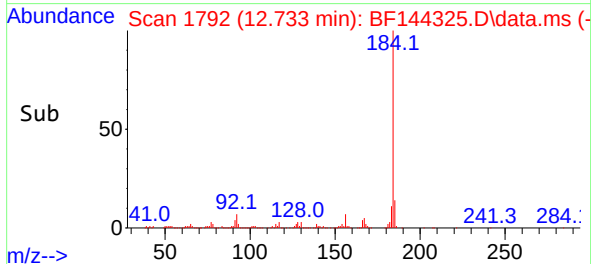
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:184 Resp: 19511
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.9 8.3 12.5

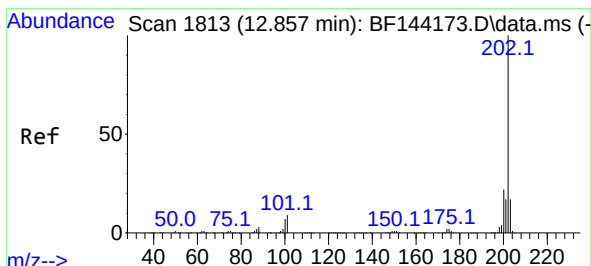
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

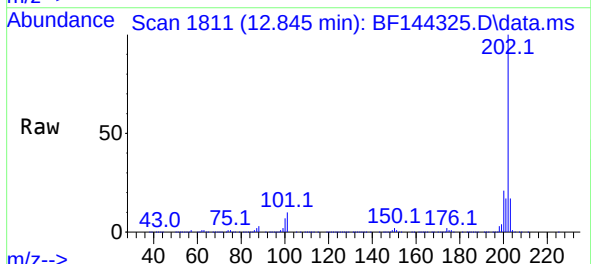


11/25/2025
Supervised By :mohammad
ahmed

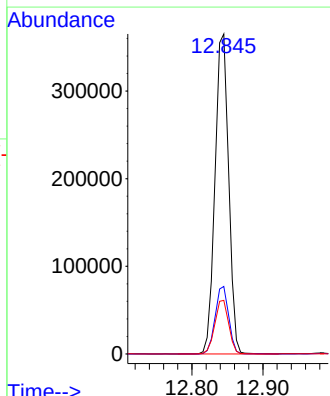
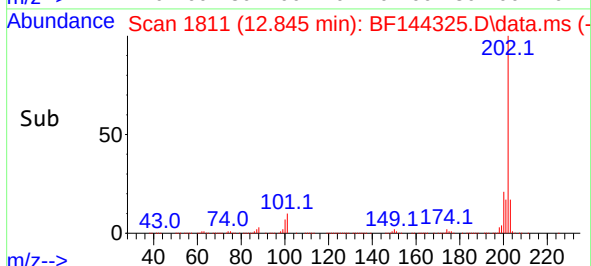
11/26/2025

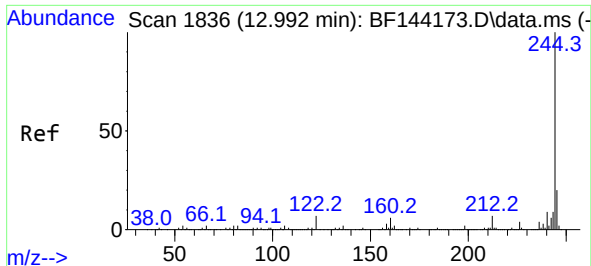


#78
Pyrene
Concen: 50.227 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



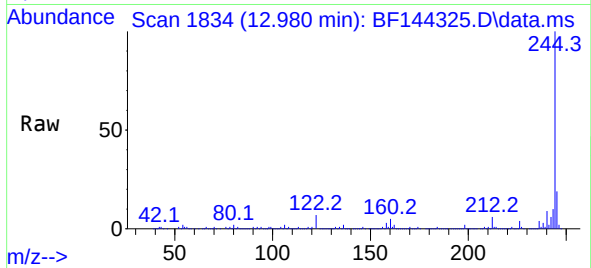
Tgt Ion:202 Resp: 487678
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 16.8 13.7 20.5





#79
Terphenyl-d14
Concen: 55.242 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

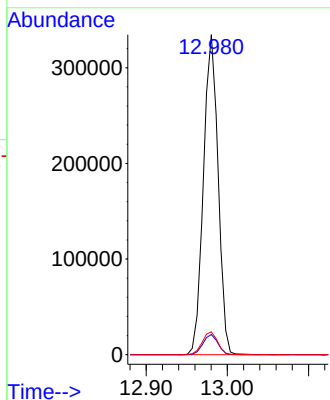
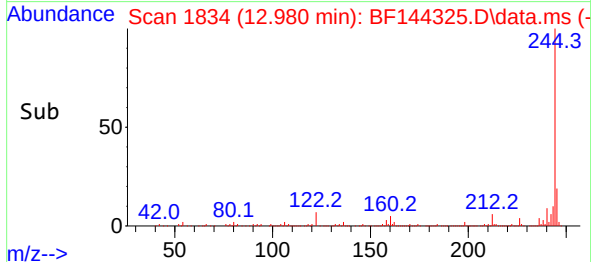
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:244 Resp: 418804
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 7.1 5.6 8.4

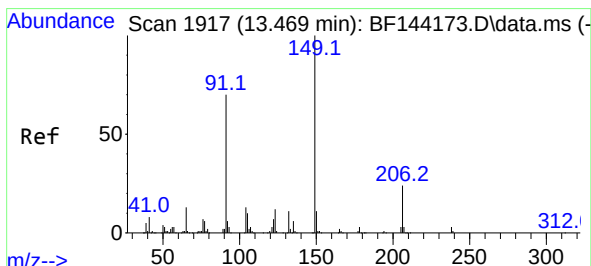
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

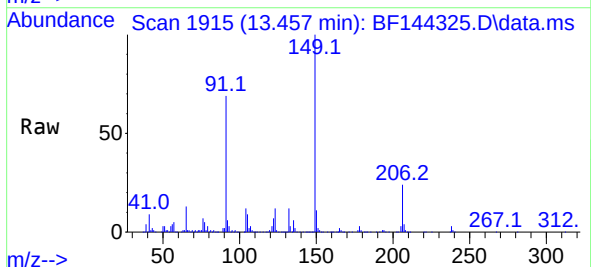


11/25/2025
Supervised By :mohammad
ahmed

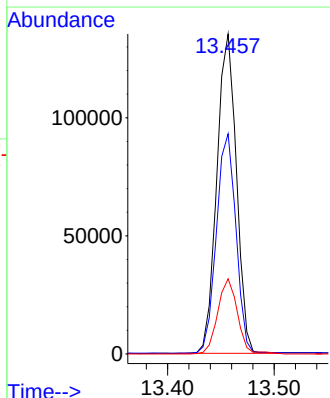
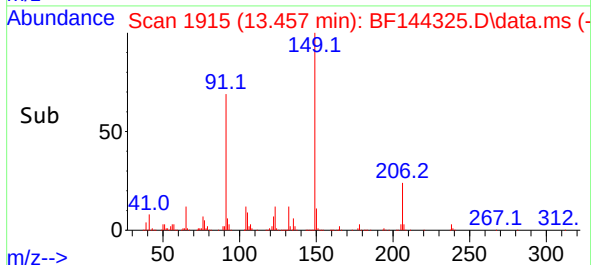
11/26/2025

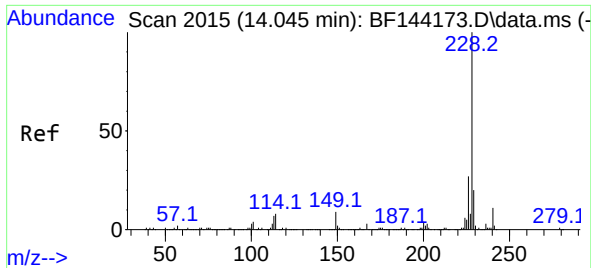


#80
Butylbenzylphthalate
Concen: 51.204 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



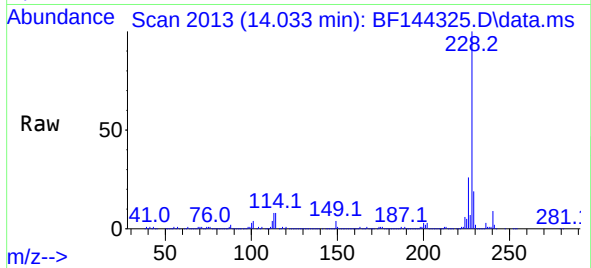
Tgt Ion:149 Resp: 172312
Ion Ratio Lower Upper
149 100
91 68.8 56.1 84.1
206 23.5 18.8 28.2





#81
Benzo(a)anthracene
Concen: 50.852 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

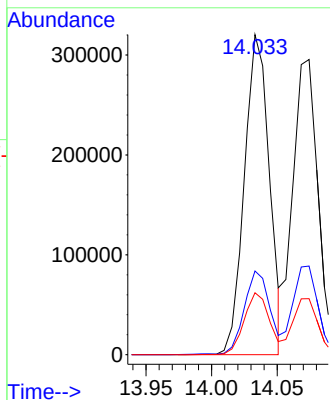
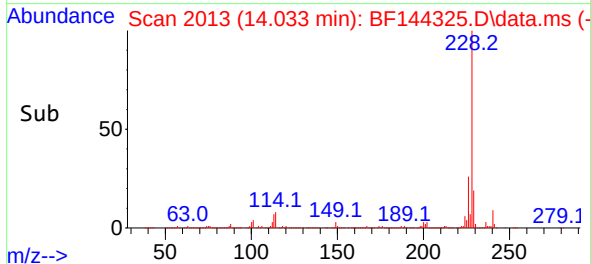
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:228 Resp: 424419
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.8
229 19.4 15.8 23.6

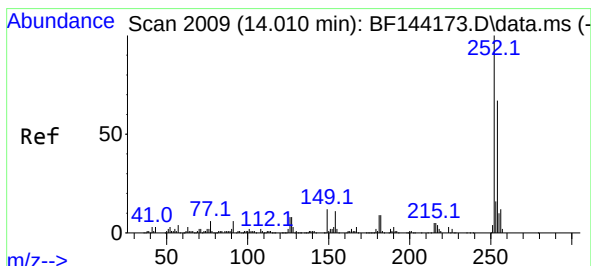
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

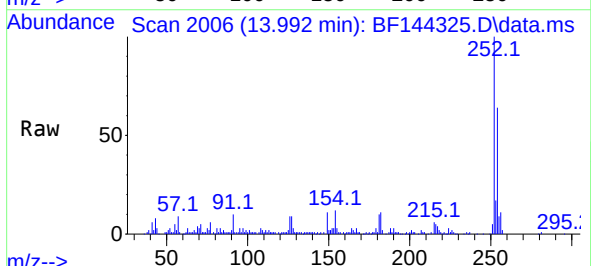


11/25/2025
Supervised By :mohammad
ahmed

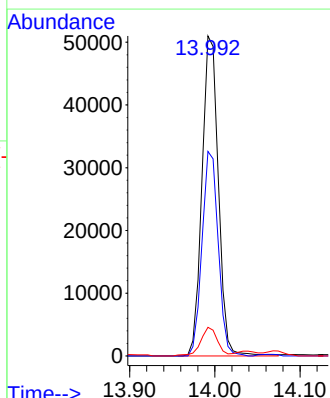
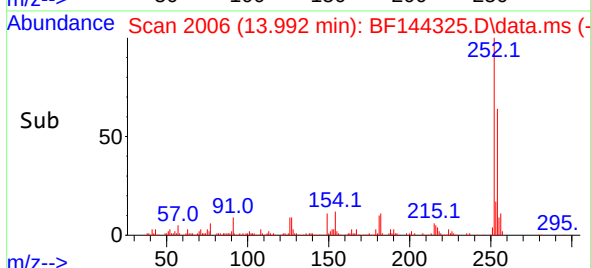
11/26/2025

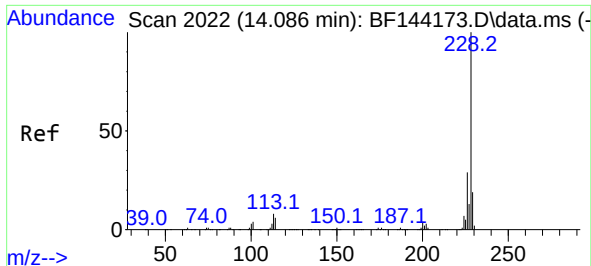


#82
3,3'-Dichlorobenzidine
Concen: 23.836 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



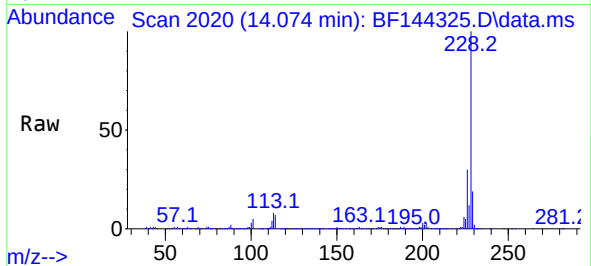
Tgt Ion:252 Resp: 68191
Ion Ratio Lower Upper
252 100
254 63.9 53.5 80.3
126 8.9 6.4 9.6





#83
Chrysene
Concen: 51.011 ng
RT: 14.074 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

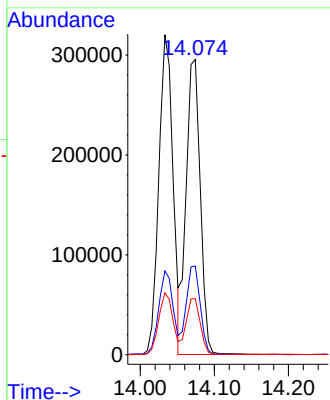
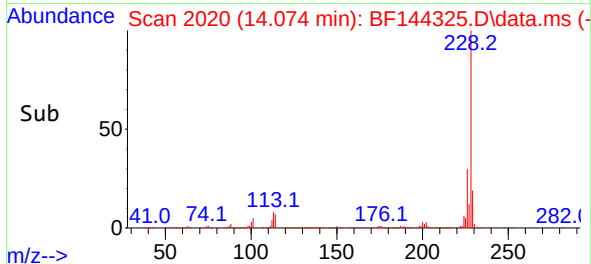
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:228 Resp: 393020
Ion Ratio Lower Upper
228 100
226 30.0 22.9 34.3
229 19.0 15.0 22.6

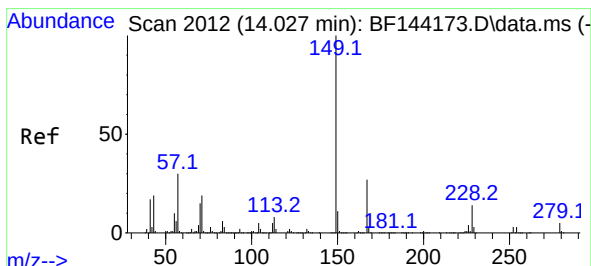
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

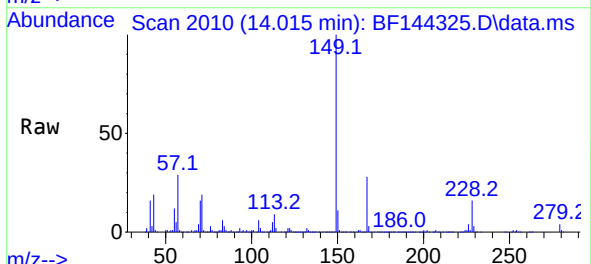


11/25/2025
Supervised By :mohammad
ahmed

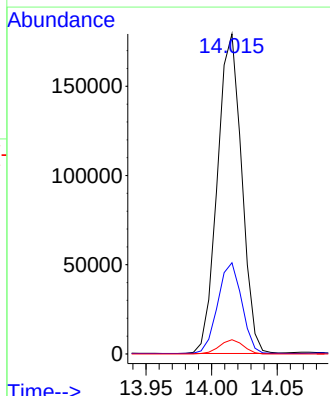
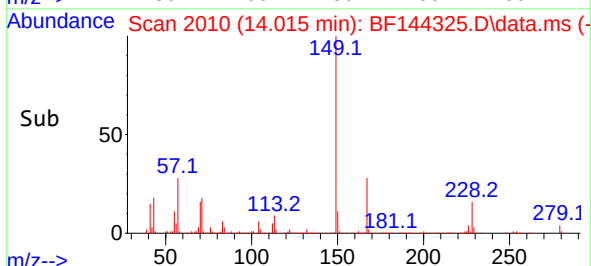
11/26/2025

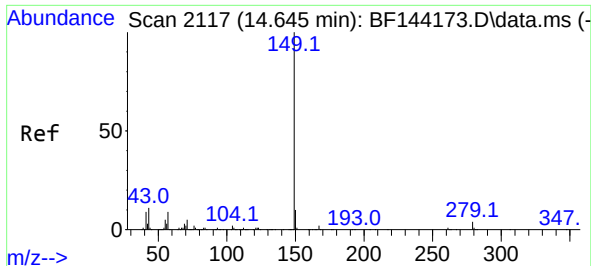


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.111 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



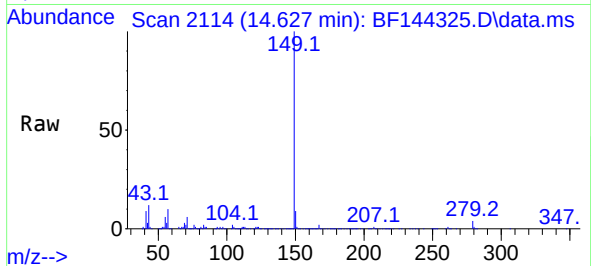
Tgt Ion:149 Resp: 230847
Ion Ratio Lower Upper
149 100
167 28.5 21.8 32.8
279 4.4 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 51.114 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

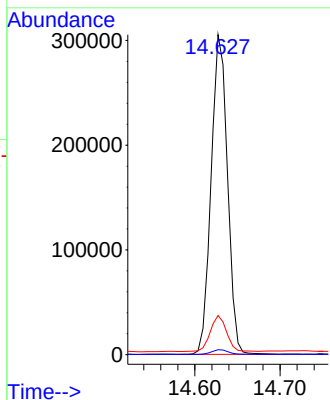
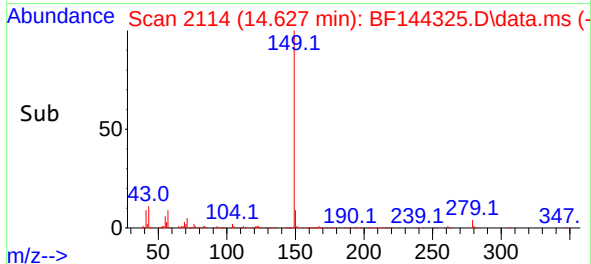
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:149 Resp: 40626
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.0 13.4

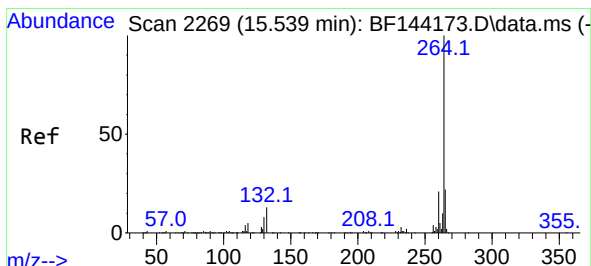
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

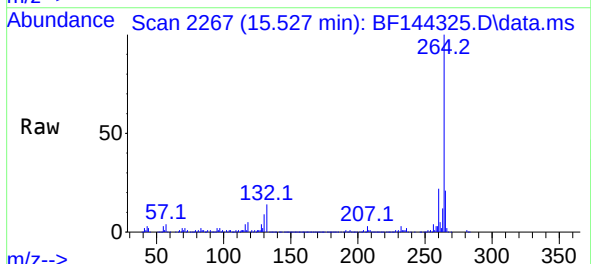


11/25/2025
Supervised By :mohammad
ahmed

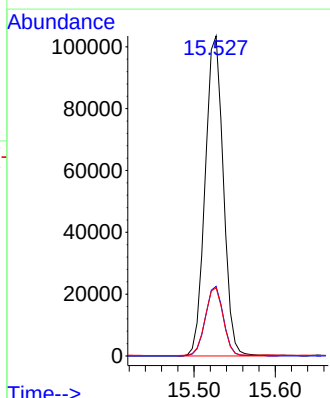
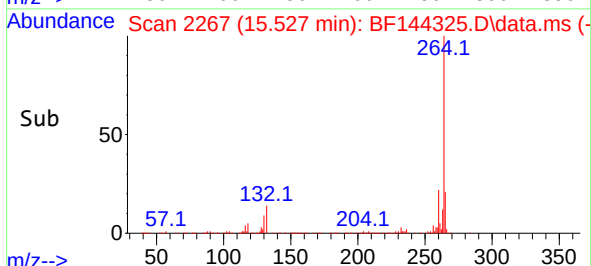
11/26/2025

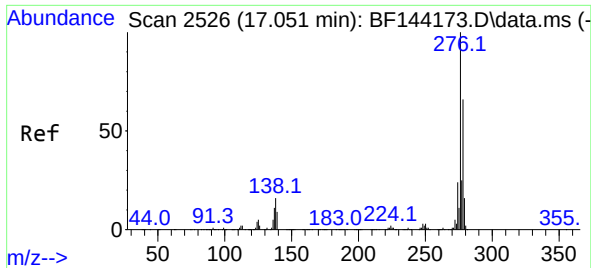


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:264 Resp: 160562
Ion Ratio Lower Upper
264 100
260 21.8 17.1 25.7
265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.761 ng
RT: 17.033 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :

BNA_F

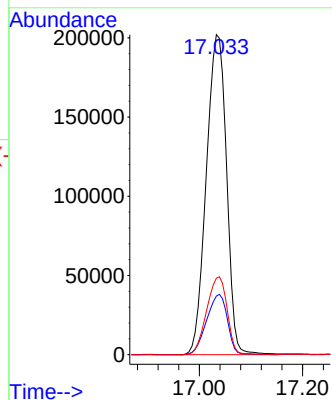
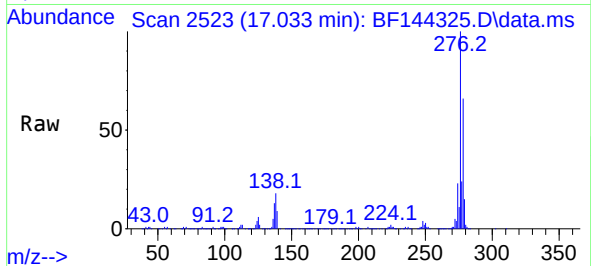
ClientSampleId :

V933MS

Tgt Ion:276 Resp: 55048
Ion Ratio Lower Upper
276 100
138 19.4 13.9 20.9
277 24.6 19.8 29.6

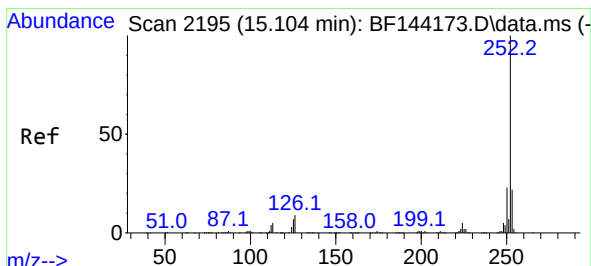
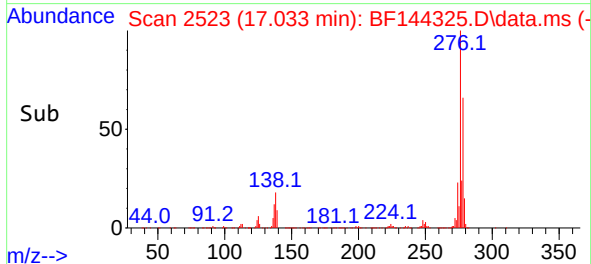
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



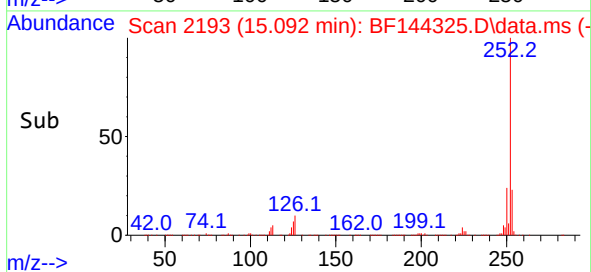
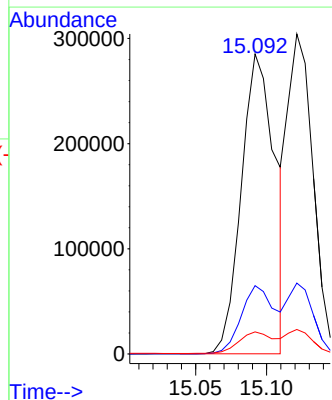
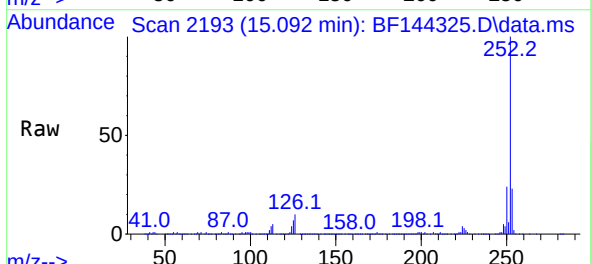
11/25/2025
Supervised By :mohammad
ahmed

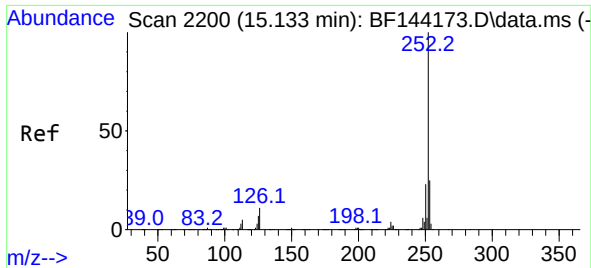
11/26/2025



#88
Benzo(b)fluoranthene
Concen: 51.479 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Tgt Ion:252 Resp: 469917
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.4 5.3 7.9





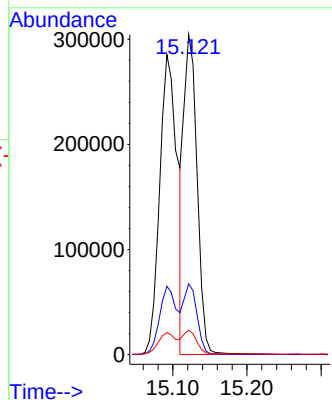
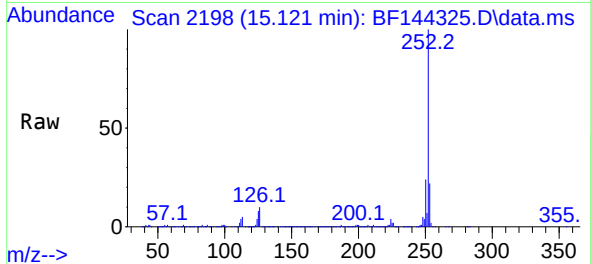
#89
Benzo(k)fluoranthene
Concen: 44.633 ng
RT: 15.121 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:252 Resp: 38134
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 7.7 5.4 8.2

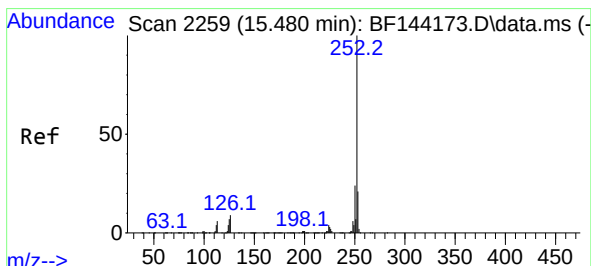
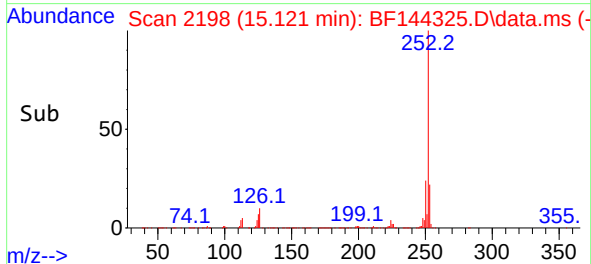
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay



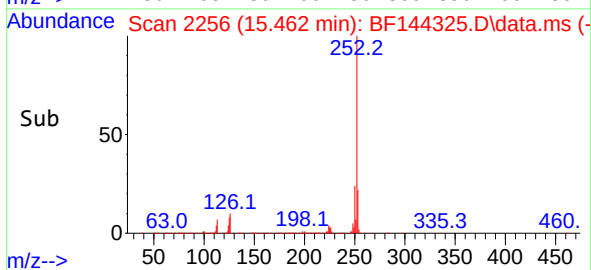
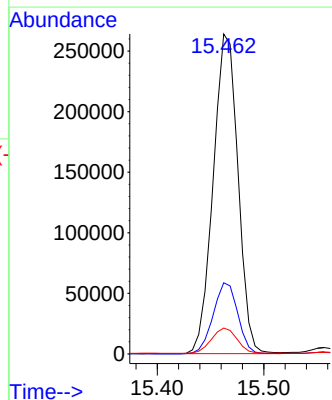
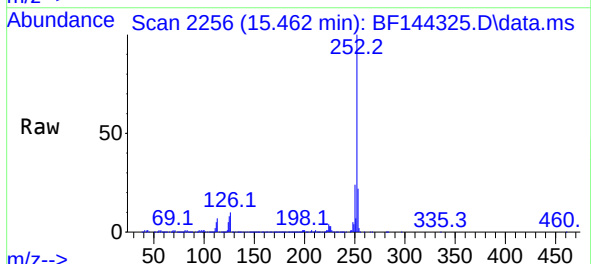
11/25/2025
Supervised By :mohammad
ahmed

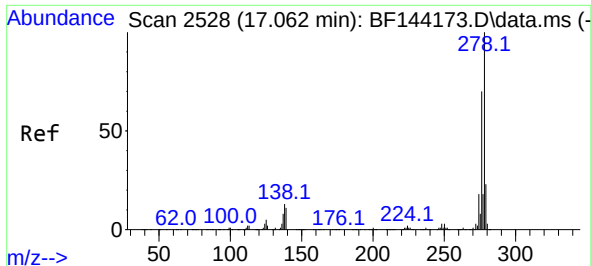
11/26/2025



#90
Benzo(a)pyrene
Concen: 50.605 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

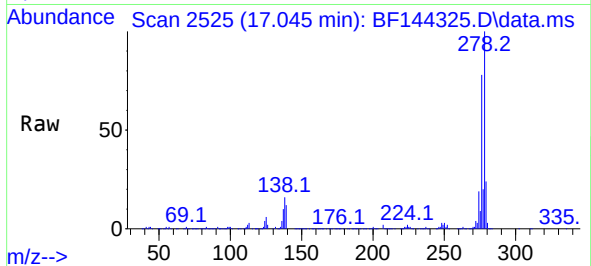
Tgt Ion:252 Resp: 426159
Ion Ratio Lower Upper
252 100
253 22.2 16.7 25.1
125 8.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 48.080 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50

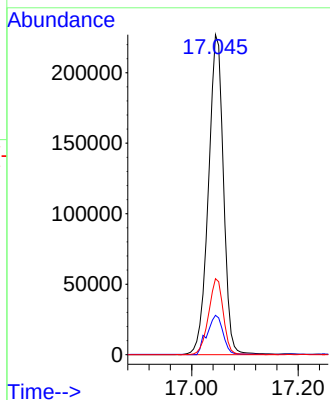
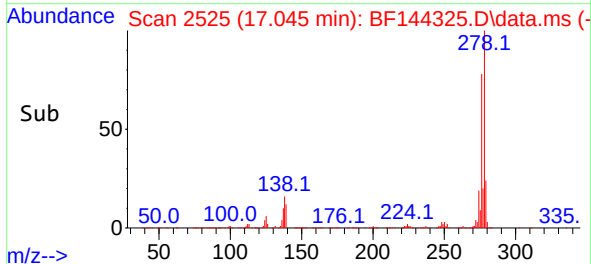
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:278 Resp: 445052
Ion Ratio Lower Upper
278 100
139 12.3 9.1 13.7
279 23.7 18.2 27.4

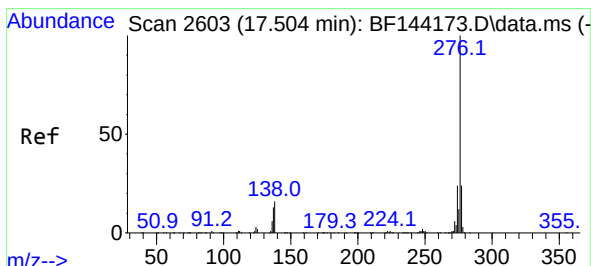
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

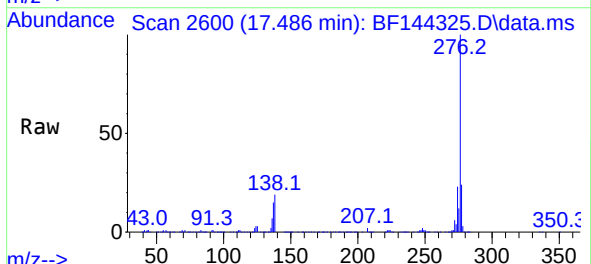


11/25/2025
Supervised By :mohammad
ahmed

11/26/2025



#92
Benzo(g,h,i)perylene
Concen: 50.229 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144325.D
Acq: 24 Nov 2025 15:50



Tgt Ion:276 Resp: 459132
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 18.6 12.9 19.3

