

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144329.D
 Acq On : 24 Nov 2025 17:48
 Operator : RC/JU
 Sample : Q3707-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V933MS

Quant Time: Nov 25 00:26:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	54766	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	205072	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	113997	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	189321	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	118753	20.000	ng	0.00
86) Perylene-d12	15.521	264	159119	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	419706	119.926	ng	0.00
7) Phenol-d6	6.504	99	452322	114.066	ng	0.00
23) Nitrobenzene-d5	7.428	82	319756	90.054	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	180872	126.437	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	665060	86.164	ng	0.00
79) Terphenyl-d14	12.980	244	676665	90.509	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	65445	45.232	ng	# 78
3) Pyridine	3.493	79	158171	39.184	ng	98
4) n-Nitrosodimethylamine	3.422	42	98454	46.693	ng	92
6) Aniline	6.528	93	148216	26.234	ng	# 77
8) 2-Chlorophenol	6.651	128	160225	46.684	ng	99
9) Benzaldehyde	6.416	77	53337	23.820	ng	97
10) Phenol	6.516	94	200137	41.308	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	171129	48.474	ng	97
12) 1,3-Dichlorobenzene	6.804	146	190089	44.884	ng	100
13) 1,4-Dichlorobenzene	6.881	146	196929	46.413	ng	100
14) 1,2-Dichlorobenzene	7.034	146	188579	46.371	ng	99
15) Benzyl Alcohol	7.010	79	150845	48.040	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	315556	48.538	ng	98
17) 2-Methylphenol	7.122	107	126497	46.329	ng	99
18) Hexachloroethane	7.375	117	64267	45.591	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	118358	45.340	ng	97
20) 3+4-Methylphenols	7.275	107	144154	44.788	ng	91
22) Acetophenone	7.275	105	207807	47.237	ng	98
24) Nitrobenzene	7.445	77	182099	47.234	ng	99
25) Isophorone	7.686	82	322230	47.978	ng	99
26) 2-Nitrophenol	7.763	139	92599	48.521	ng	98
27) 2,4-Dimethylphenol	7.798	122	156654	54.766	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	209183	49.876	ng	98
29) 2,4-Dichlorophenol	8.010	162	155382	47.131	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	158730	46.887	ng	98
31) Naphthalene	8.169	128	457761	46.925	ng	99
32) Benzoic acid	7.928	122	92811	44.265	ng	94
33) 4-Chloroaniline	8.222	127	55001	15.459	ng	97
34) Hexachlorobutadiene	8.280	225	110648	43.369	ng	97
35) Caprolactam	8.592	113	42546m	47.105	ng	
36) 4-Chloro-3-methylphenol	8.704	107	139405	47.182	ng	99
37) 2-Methylnaphthalene	8.857	142	289102	44.326	ng	99
38) 1-Methylnaphthalene	8.957	142	285787	45.412	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	172759	46.241	ng	99
41) Hexachlorocyclopentadiene	9.010	237	127858	85.342	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	115873	45.569	ng	99

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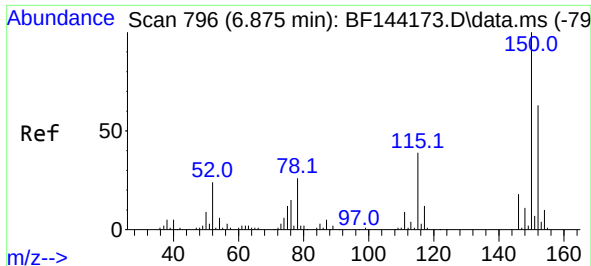
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	126665	46.218	ng	98
46) 1,1'-Biphenyl	9.322	154	381944	47.999	ng	100
47) 2-Chloronaphthalene	9.351	162	311752	45.929	ng	99
48) 2-Nitroaniline	9.451	65	94133	48.064	ng	91
49) Acenaphthylene	9.769	152	490549	53.033	ng	99
50) Dimethylphthalate	9.622	163	366337	48.508	ng	99
51) 2,6-Dinitrotoluene	9.692	165	78967	51.654	ng	91
52) Acenaphthene	9.939	154	274447	44.370	ng	99
53) 3-Nitroaniline	9.863	138	50642	30.303	ng	93
54) 2,4-Dinitrophenol	9.974	184	83235	90.163	ng	96
55) Dibenzofuran	10.110	168	400031	46.177	ng	99
56) 4-Nitrophenol	10.033	139	96594	79.904	ng	95
57) 2,4-Dinitrotoluene	10.098	165	100987	49.344	ng	98
58) Fluorene	10.457	166	315378	47.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	92716	47.817	ng	99
60) Diethylphthalate	10.322	149	329027	47.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	172847	46.070	ng	99
62) 4-Nitroaniline	10.474	138	75197	47.249	ng	92
63) Azobenzene	10.604	77	318969	49.230	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	57239	44.505	ng	96
66) n-Nitrosodiphenylamine	10.563	169	304483	50.005	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	112421	46.522	ng	95
68) Hexachlorobenzene	11.004	284	130175	45.735	ng	97
69) Atrazine	11.092	200	95595	49.366	ng	99
70) Pentachlorophenol	11.204	266	130353	91.969	ng	97
71) Phenanthrene	11.421	178	449735	47.712	ng	99
72) Anthracene	11.474	178	463190	48.326	ng	100
73) Carbazole	11.627	167	400707	49.165	ng	99
74) Di-n-butylphthalate	11.951	149	489367	49.669	ng	99
75) Fluoranthene	12.610	202	459617	47.203	ng	99
77) Benzidine	12.733	184	73313	20.871	ng	99
78) Pyrene	12.839	202	464868	48.551	ng	99
80) Butylbenzylphthalate	13.457	149	173005	52.132	ng	96
81) Benzo(a)anthracene	14.033	228	412547	50.124	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	86695	30.730	ng	97
83) Chrysene	14.068	228	376479	49.551	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	227320	50.038	ng	99
85) Di-n-octyl phthalate	14.627	149	397359	50.696	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	554009	48.503	ng	98
88) Benzo(b)fluoranthene	15.092	252	434468	48.027	ng	99
89) Benzo(k)fluoranthene	15.121	252	409276	48.336	ng	98
90) Benzo(a)pyrene	15.462	252	422358	50.609	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	444089	48.411	ng	99
92) Benzo(g,h,i)perylene	17.486	276	458955	50.665	ng	98

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

Manual Integrations APPROVED

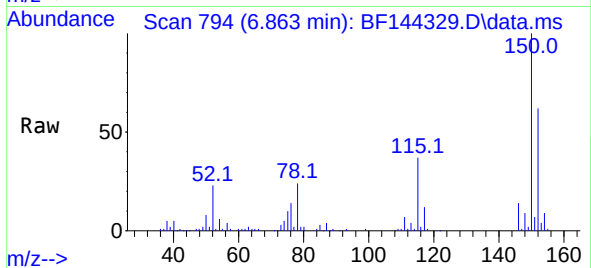
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

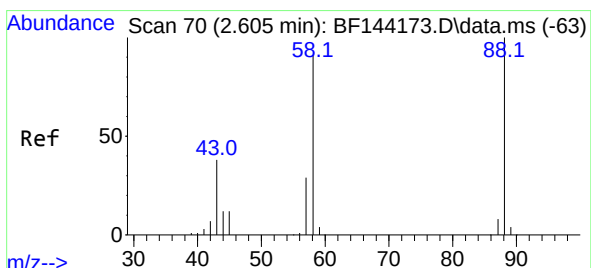
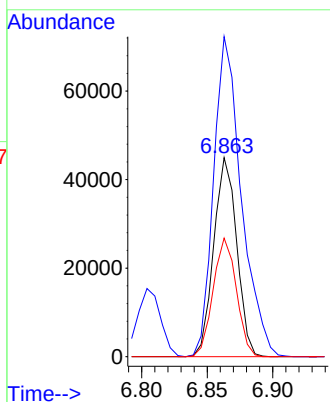
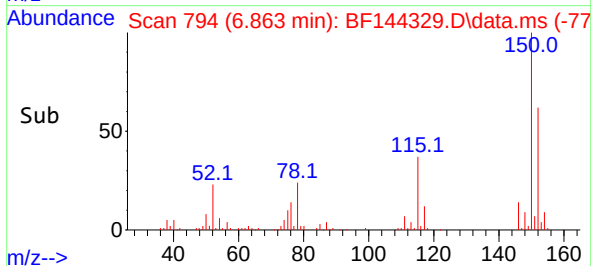
Instrument :
BNA_F
ClientSampleId :
V933MS



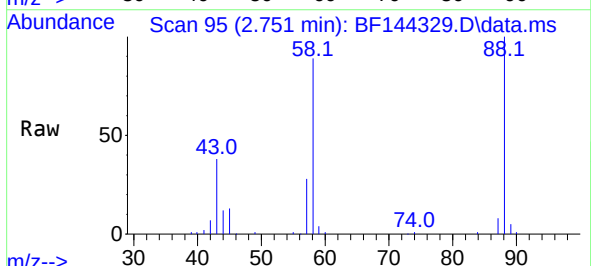
Tgt Ion:152 Resp: 54760
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 59.6 49.5 74.3

Manual Integrations
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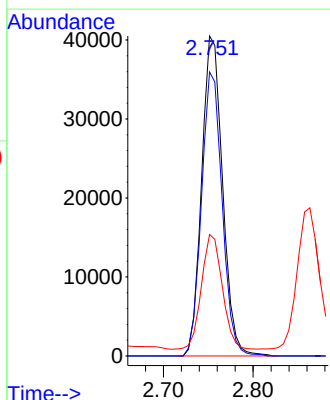
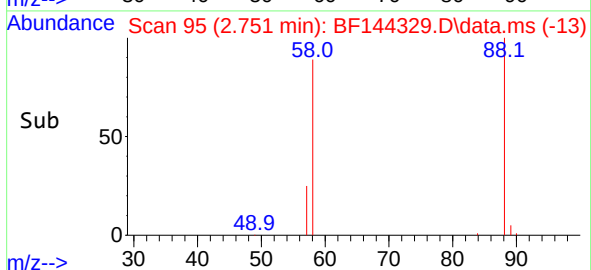
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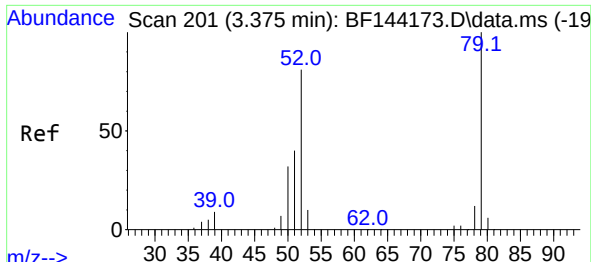


#2
1,4-Dioxane
Concen: 45.232 ng
RT: 2.751 min Scan# 95
Delta R.T. 0.135 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



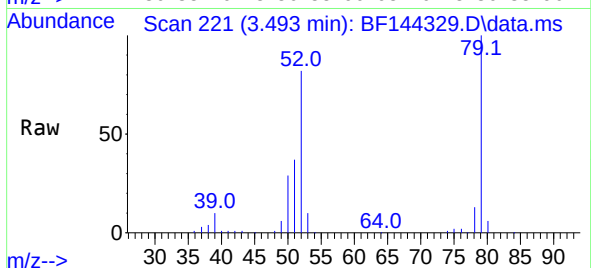
Tgt Ion: 88 Resp: 65445
Ion Ratio Lower Upper
88 100
58 87.7 73.1 109.7
43 0.0 31.0 46.6





#3
Pyridine
Concen: 39.184 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

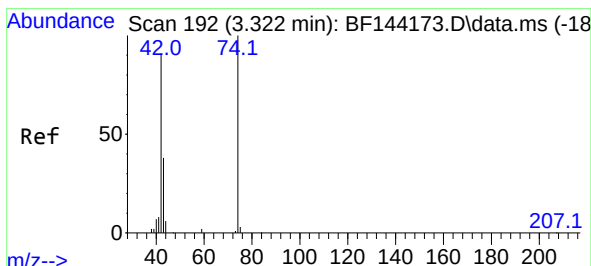
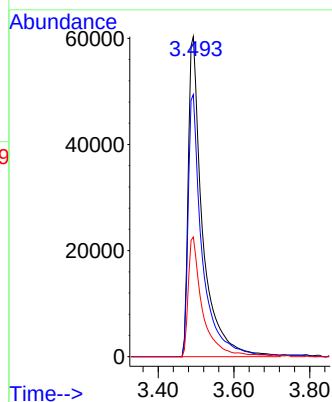
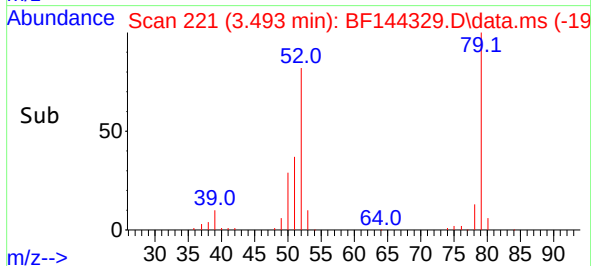
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 79 Resp: 15817
Ion Ratio Lower Upper
79 100
52 81.9 64.5 96.7
51 37.4 31.7 47.5

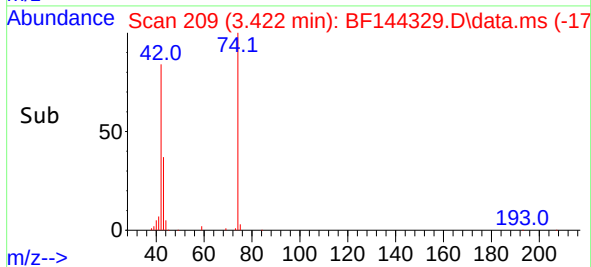
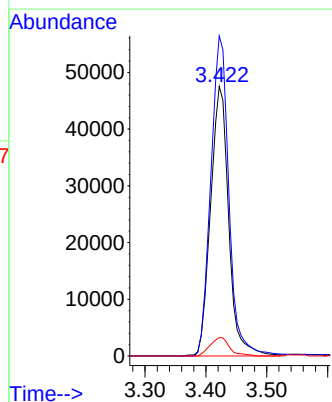
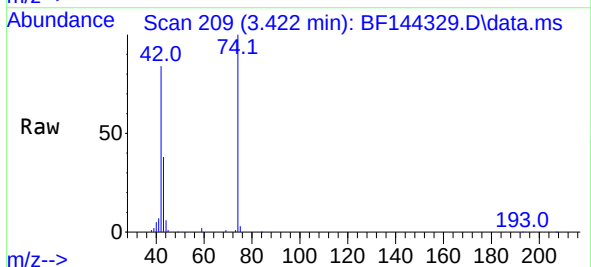
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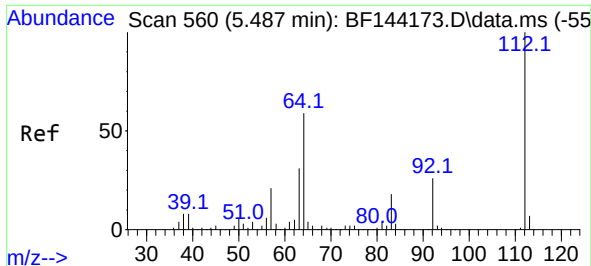
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#4
n-Nitrosodimethylamine
Concen: 46.693 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.076 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion: 42 Resp: 98454
Ion Ratio Lower Upper
42 100
74 118.7 88.2 132.4
44 6.8 5.7 8.5





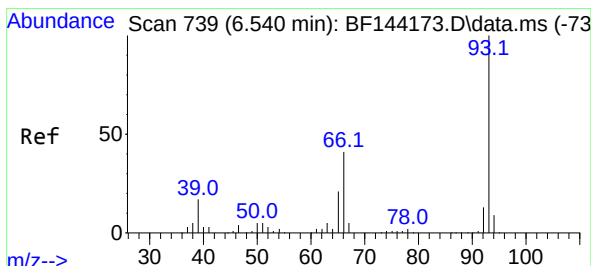
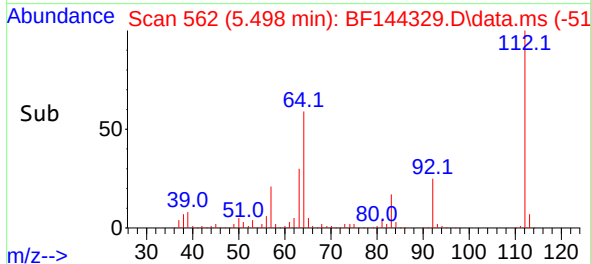
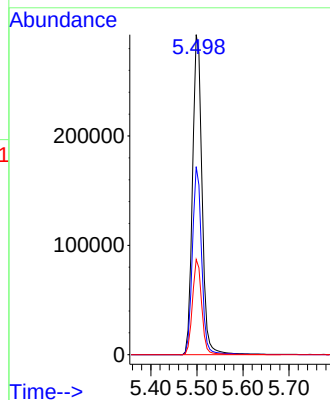
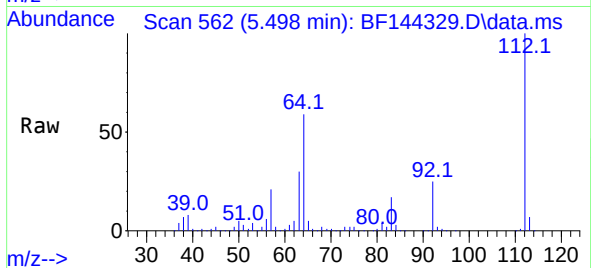
#5
2-Fluorophenol
Concen: 119.926 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:112 Resp: 419700
Ion Ratio Lower Upper
112 100
64 58.8 47.2 70.8
63 29.8 24.4 36.6

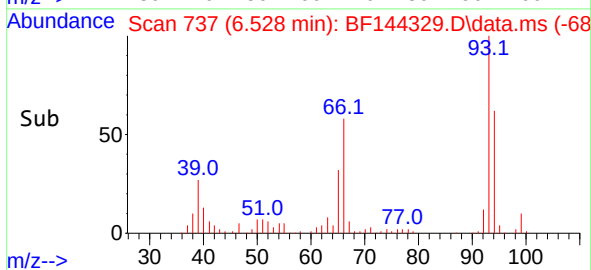
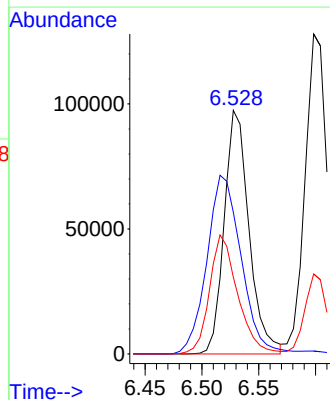
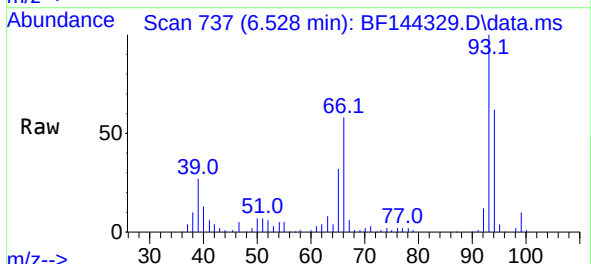
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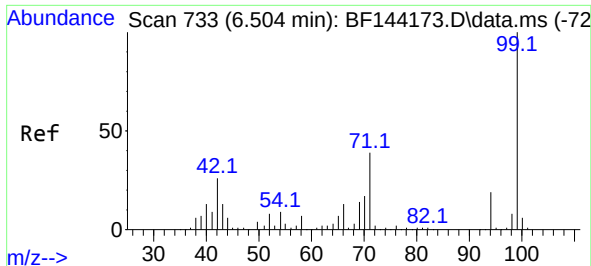
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#6
Aniline
Concen: 26.234 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

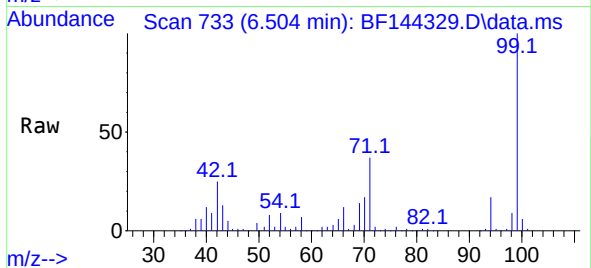
Tgt Ion: 93 Resp: 148216
Ion Ratio Lower Upper
93 100
66 58.2 34.3 51.5#
65 31.5 16.9 25.3#





#7
Phenol-d6
Concen: 114.066 ng
RT: 6.504 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

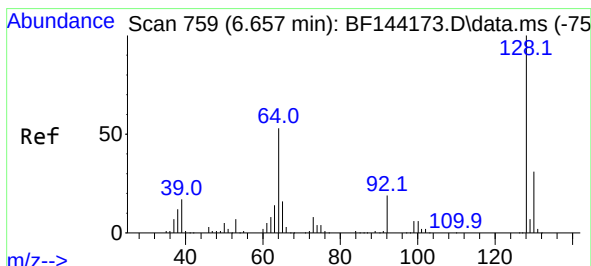
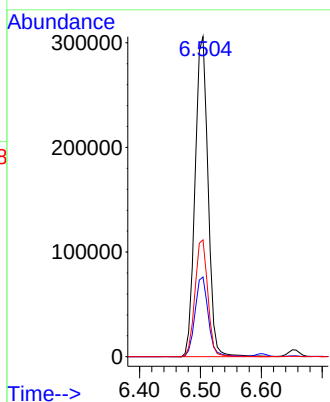
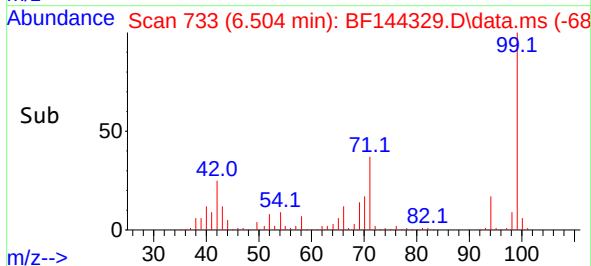
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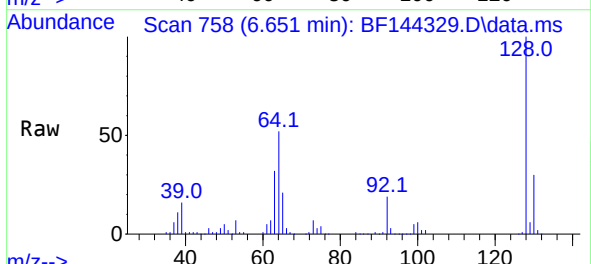
Tgt Ion: 99 Resp: 45232
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 36.5 31.4 47.2

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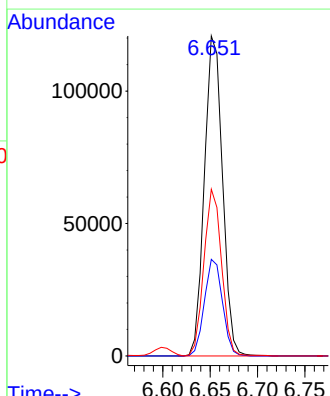
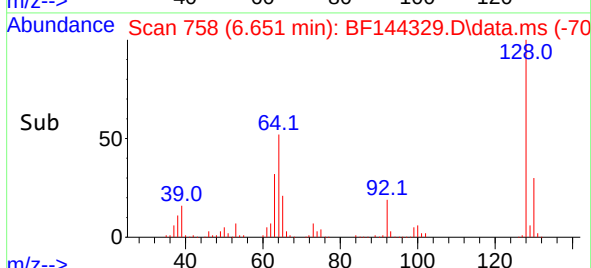
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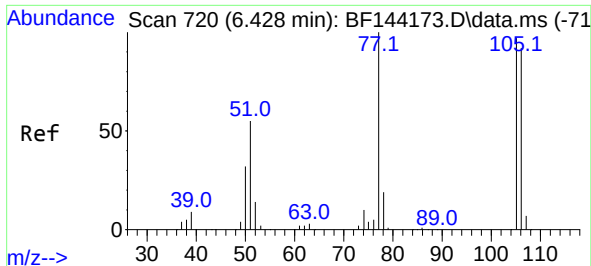


#8
2-Chlorophenol
Concen: 46.684 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



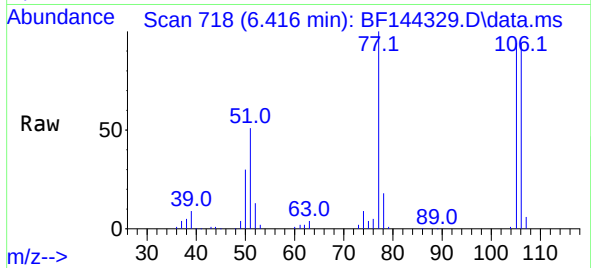
Tgt Ion:128 Resp: 160225
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.1 33.2 73.2





#9
Benzaldehyde
Concen: 23.820 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144329.D
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Instrument :
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V933MS

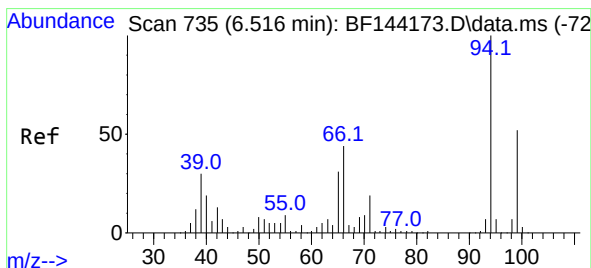
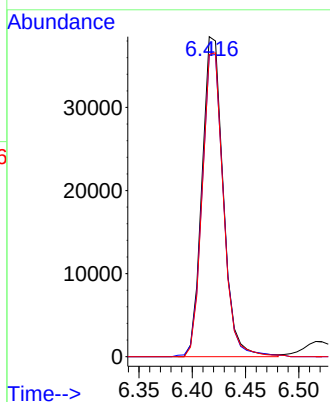


Tgt Ion: 77 Resp: 5333

Ion	Ratio	Lower	Upper
77	100		
105	94.2	77.2	117.2
106	94.5	72.2	112.2

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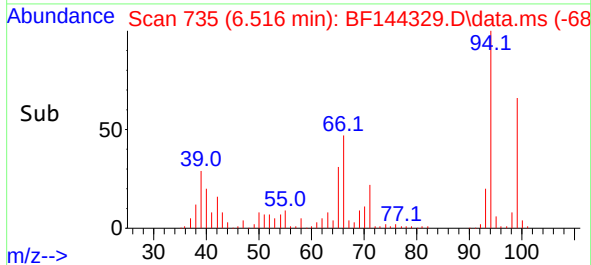
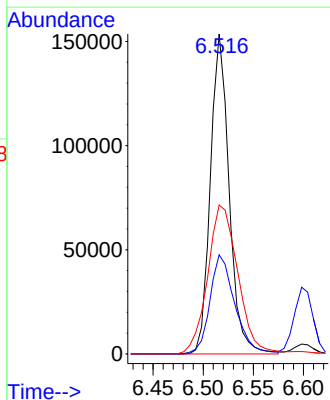
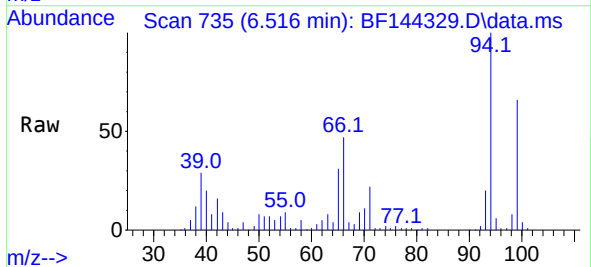
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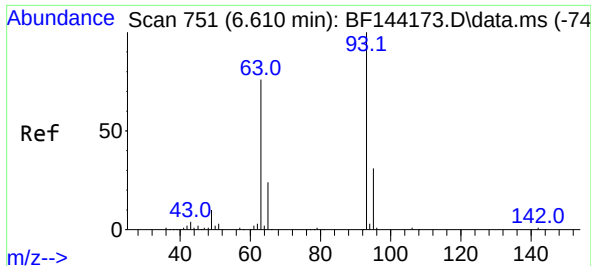


#10
Phenol
Concen: 41.308 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion: 94 Resp: 200137

Ion	Ratio	Lower	Upper
94	100		
65	31.0	10.8	50.8
66	46.6	24.3	64.3





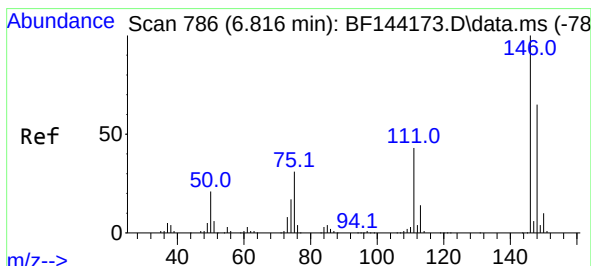
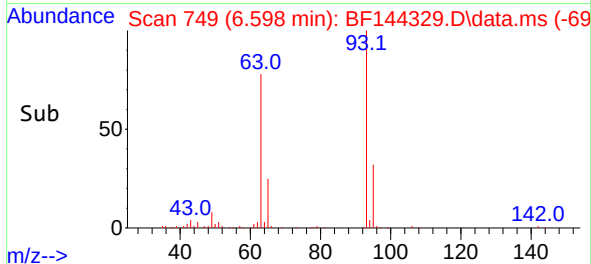
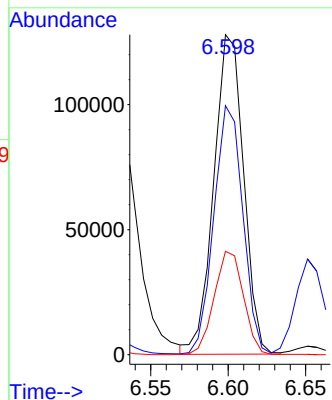
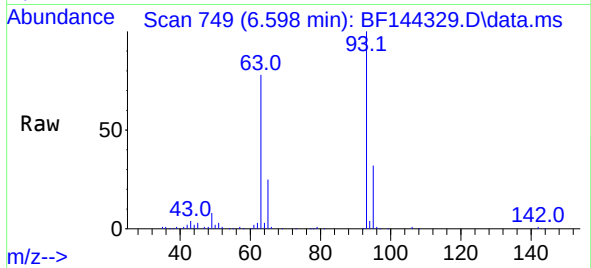
#11
bis(2-Chloroethyl)ether
Concen: 48.474 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion: 93 Resp: 171129
Ion Ratio Lower Upper
93 100
63 77.8 55.2 95.2
95 32.3 11.2 51.2

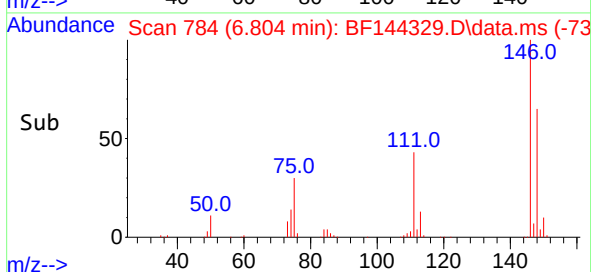
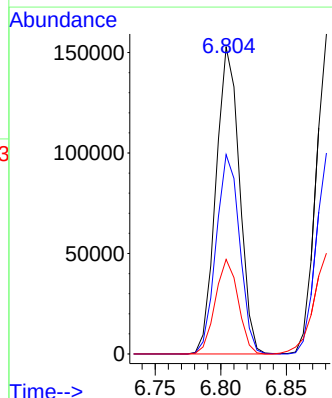
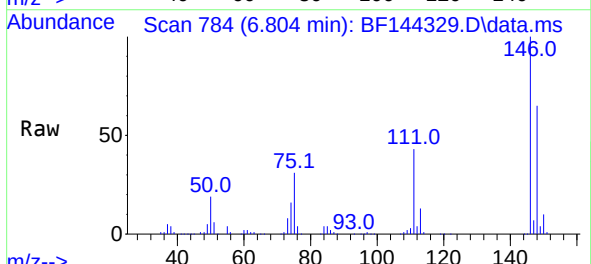
Manual Integrations
APPROVED

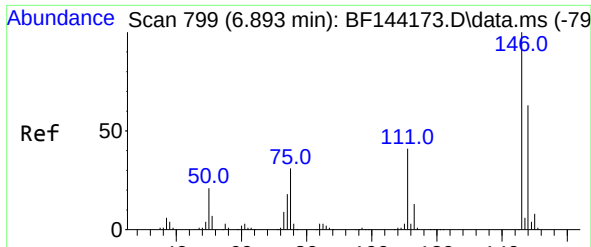
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#12
1,3-Dichlorobenzene
Concen: 44.884 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

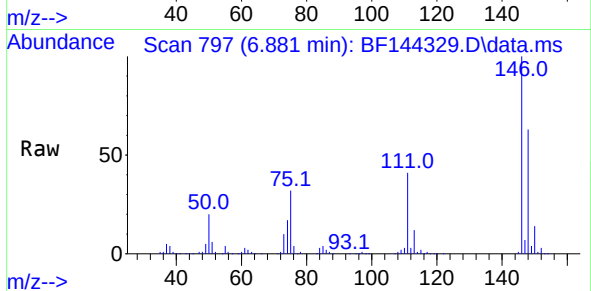
Tgt Ion:146 Resp: 190089
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.8 25.0 37.4





#13
1,4-Dichlorobenzene
Concen: 46.413 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

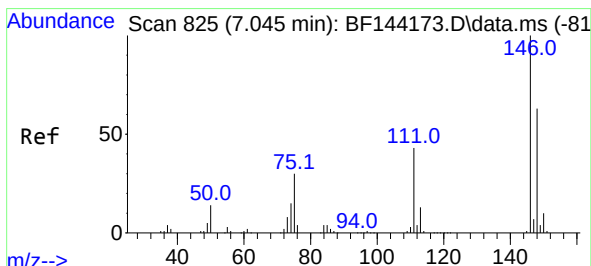
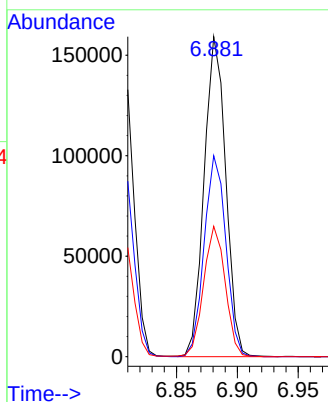
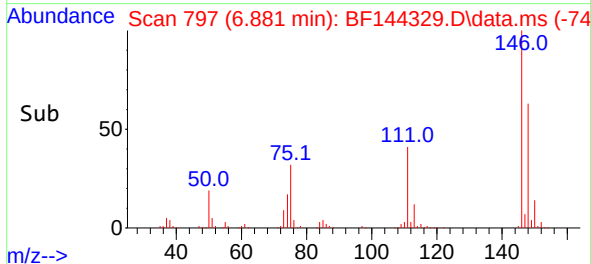
Instrument :
BNA_F
ClientSampleId :
V933MS



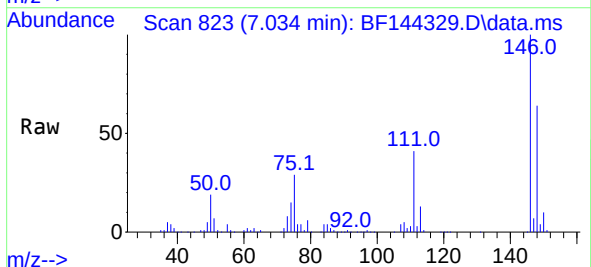
Tgt Ion:146 Resp: 196929
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
111 40.7 32.6 48.8

Manual Integrations
APPROVED

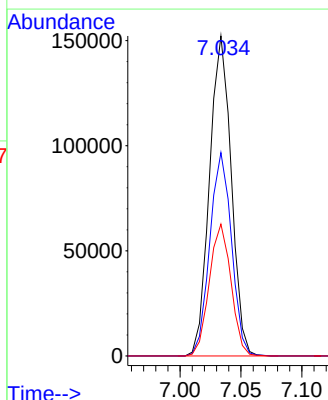
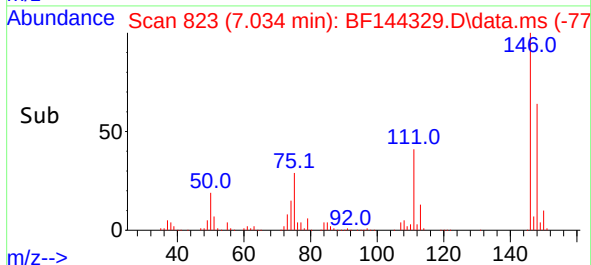
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

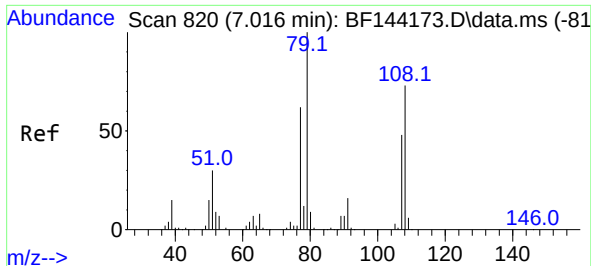


#14
1,2-Dichlorobenzene
Concen: 46.371 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:146 Resp: 188579
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
111 41.2 34.2 51.4





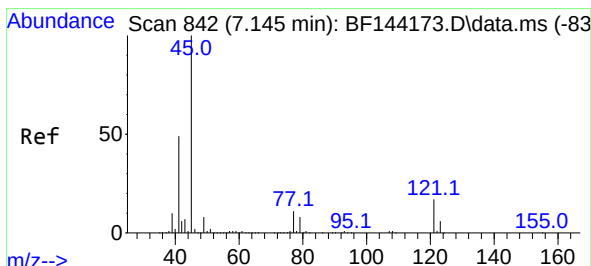
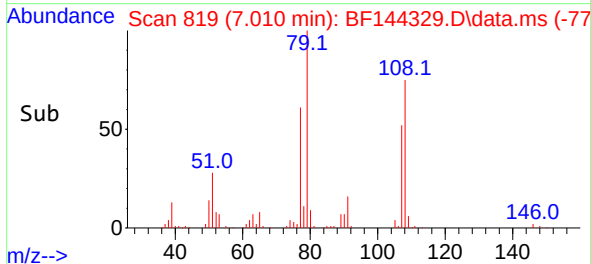
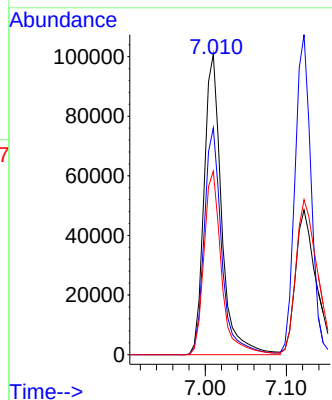
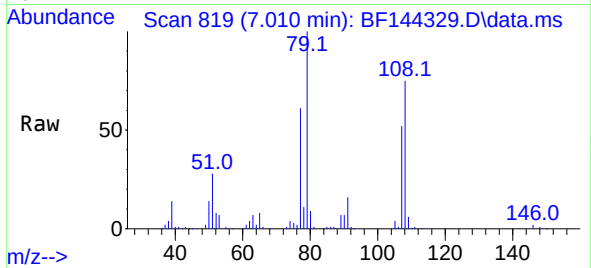
#15
Benzyl Alcohol
Concen: 48.040 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion: 79 Resp: 15084
Ion Ratio Lower Upper
79 100
108 75.5 58.2 87.4
77 61.0 49.9 74.9

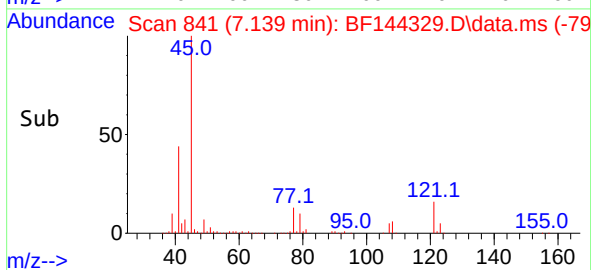
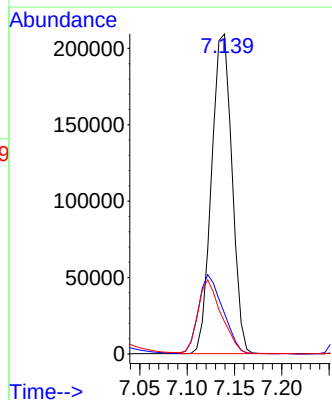
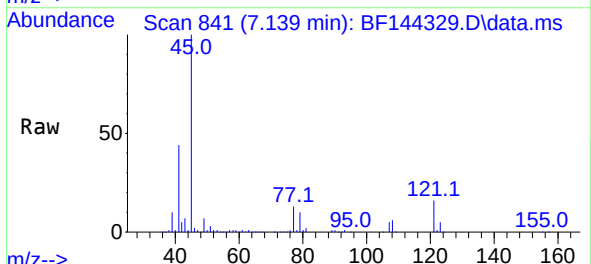
Manual Integrations
APPROVED

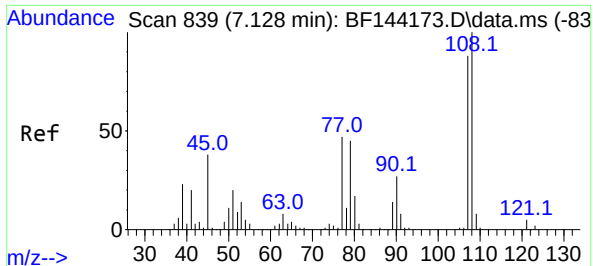
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.538 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

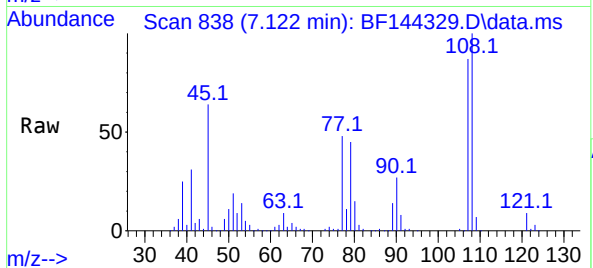
Tgt Ion: 45 Resp: 315556
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.8
79 10.1 0.0 29.1





#17
2-Methylphenol
Concen: 46.329 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

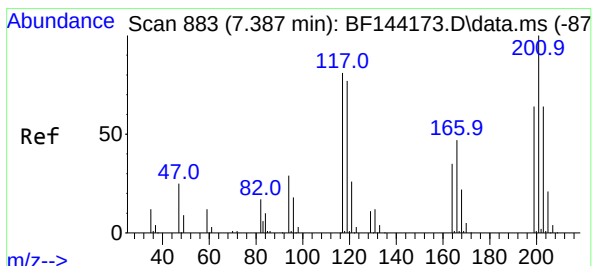
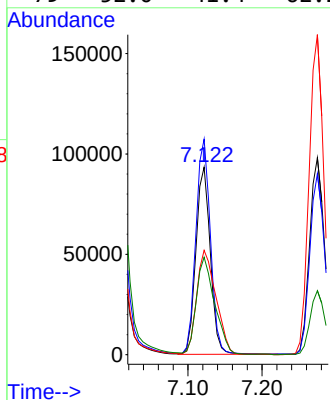
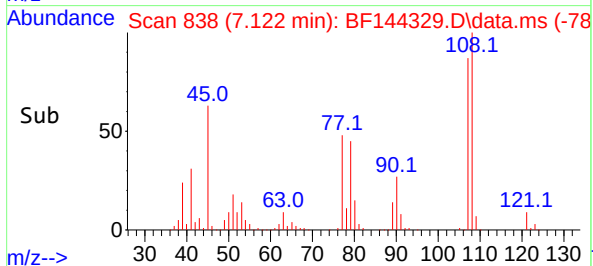
Instrument :
BNA_F
ClientSampleId :
V933MS



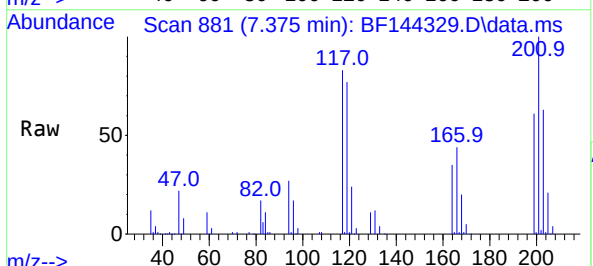
Tgt Ion:107 Resp: 12649
Ion Ratio Lower Upper
107 100
108 114.9 91.0 136.4
77 55.6 42.7 64.1
79 52.0 41.4 62.2

Manual Integrations
APPROVED

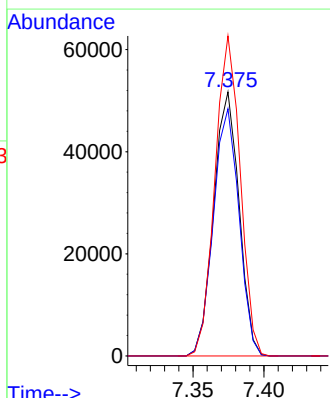
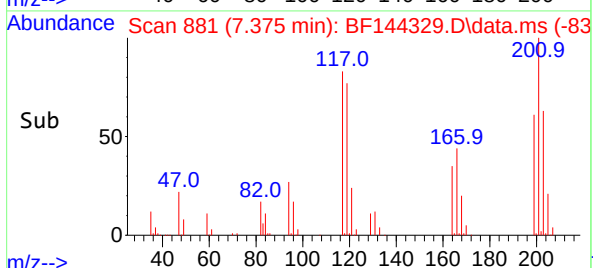
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

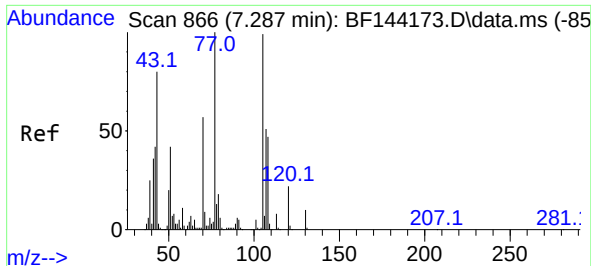


#18
Hexachloroethane
Concen: 45.591 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



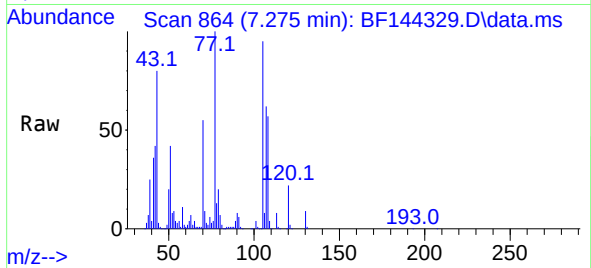
Tgt Ion:117 Resp: 64267
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.8
201 121.2 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.340 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

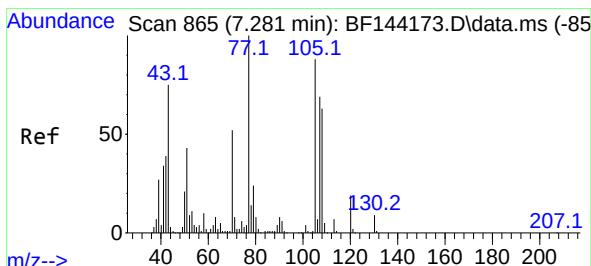
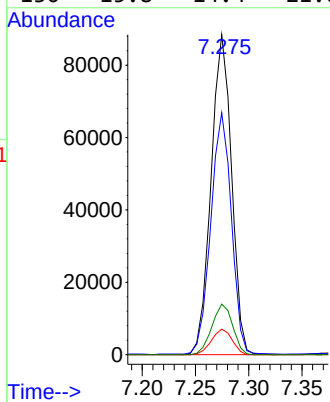
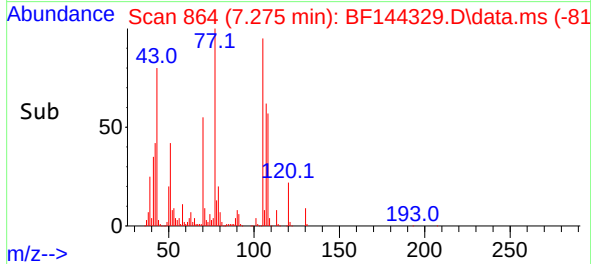
Instrument :
BNA_F
ClientSampleId :
V933MS



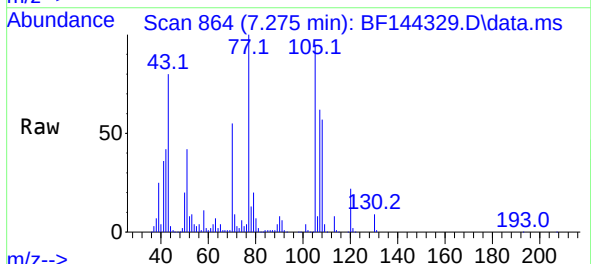
Tgt Ion: 70 Resp: 11835
Ion Ratio Lower Upper
70 100
42 75.6 58.3 87.5
101 8.0 7.0 10.6
130 15.8 14.4 21.6

Manual Integrations
APPROVED

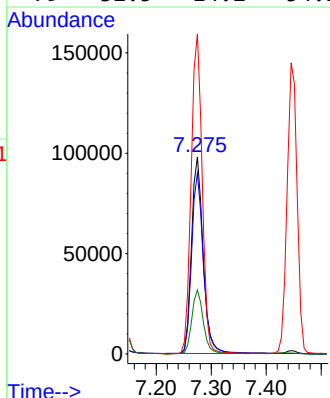
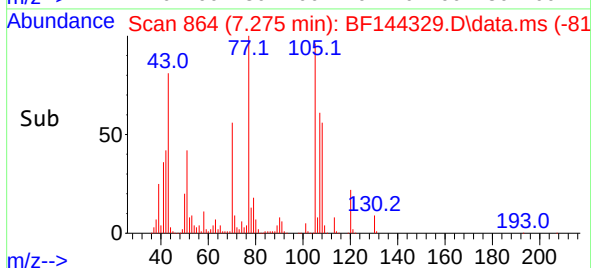
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

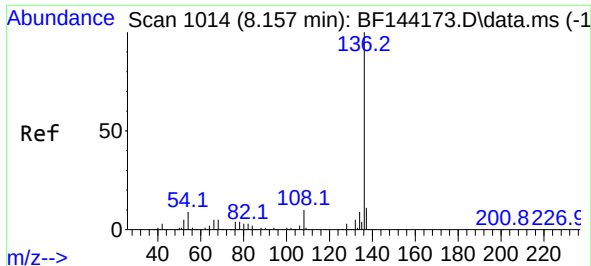


#20
3+4-Methylphenols
Concen: 44.788 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



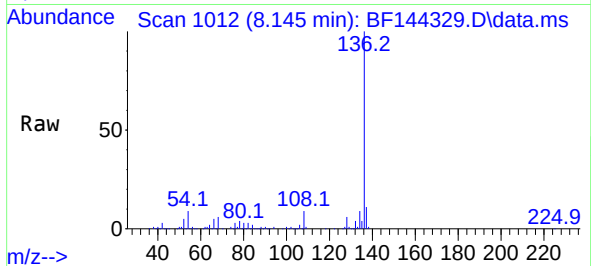
Tgt Ion:107 Resp: 144154
Ion Ratio Lower Upper
107 100
108 91.8 70.2 110.2
77 162.4 123.9 163.9
79 32.5 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

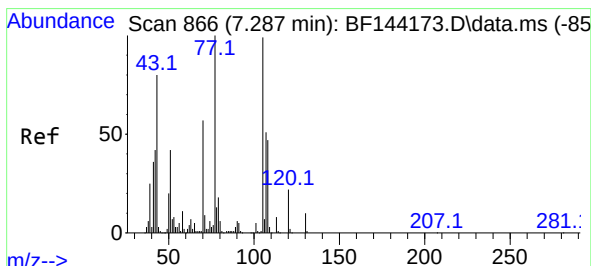
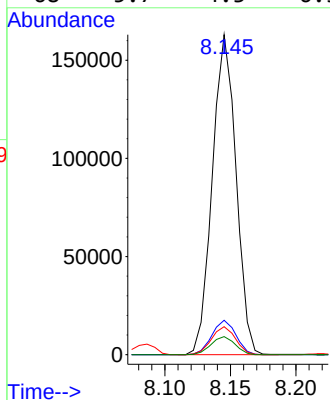
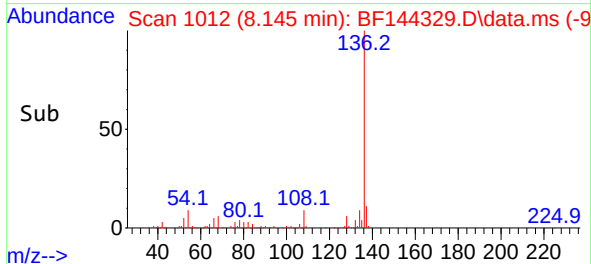
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:136 Resp: 205072
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.0 10.6
68 5.7 4.3 6.5

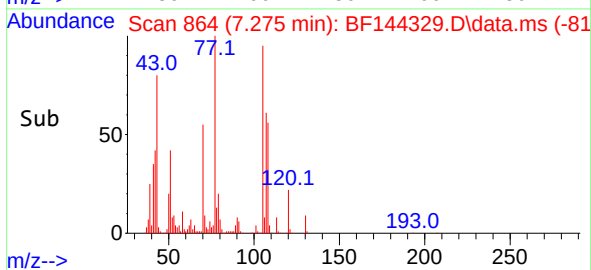
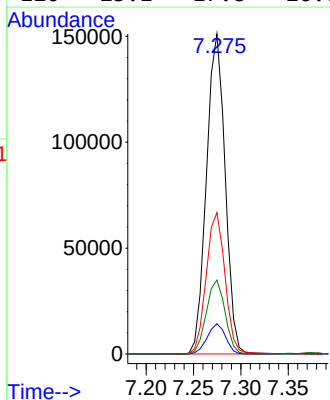
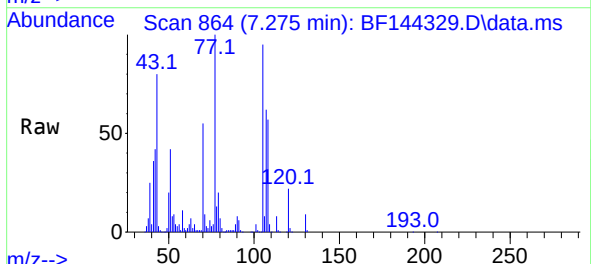
Manual Integrations
APPROVED

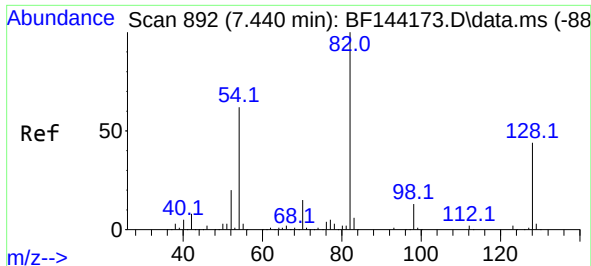
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#22
Acetophenone
Concen: 47.237 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

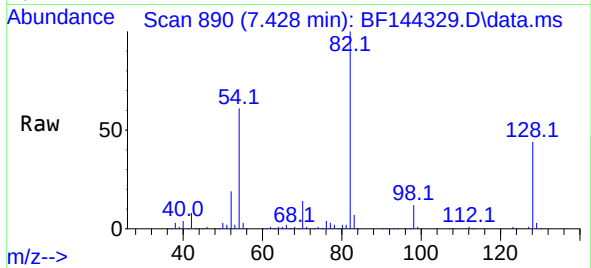
Tgt Ion:105 Resp: 207807
Ion Ratio Lower Upper
105 100
71 9.4 7.2 10.8
51 44.2 34.0 51.0
120 23.1 17.8 26.6





#23
Nitrobenzene-d5
Concen: 90.054 ng
RT: 7.428 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

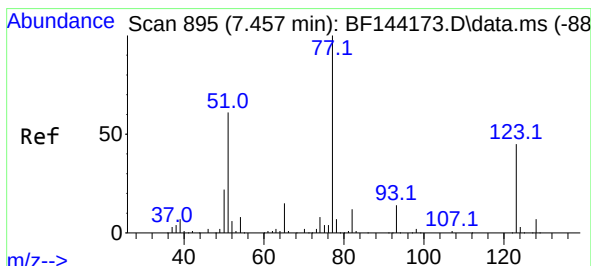
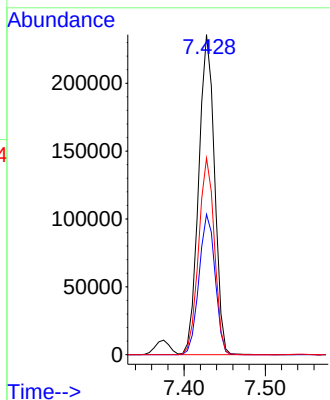
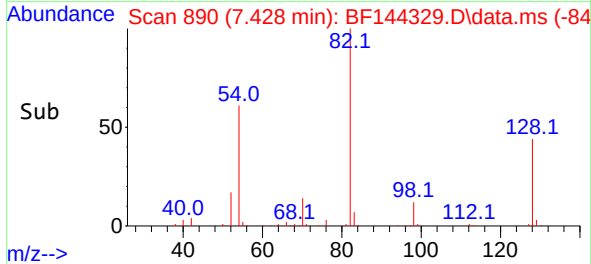
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 82 Resp: 319750
Ion Ratio Lower Upper
82 100
128 43.8 34.7 52.1
54 61.4 49.5 74.3

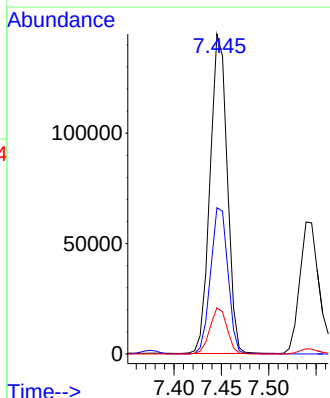
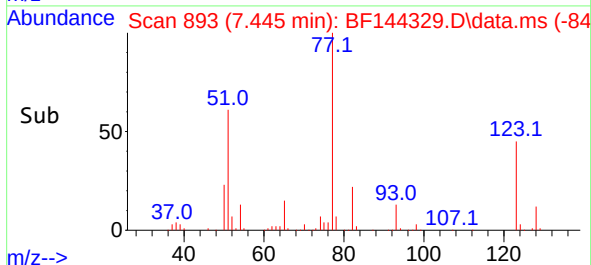
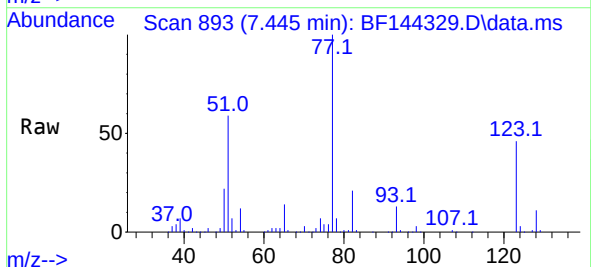
Manual Integrations
APPROVED

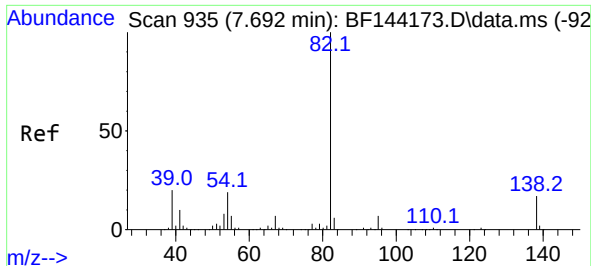
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#24
Nitrobenzene
Concen: 47.234 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion: 77 Resp: 182099
Ion Ratio Lower Upper
77 100
123 45.7 35.8 53.8
65 14.4 12.2 18.2





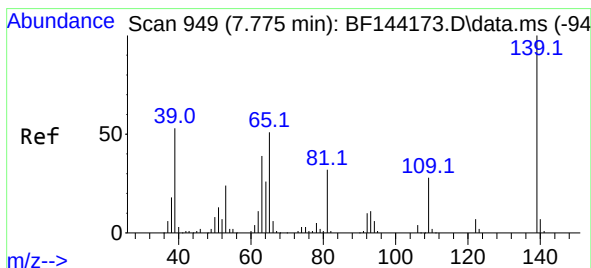
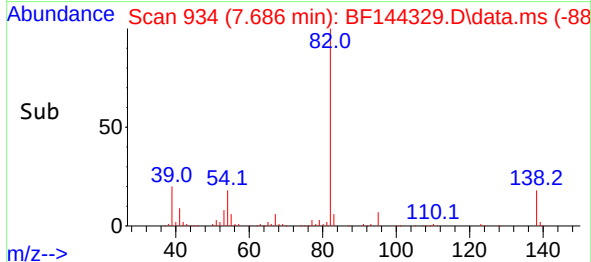
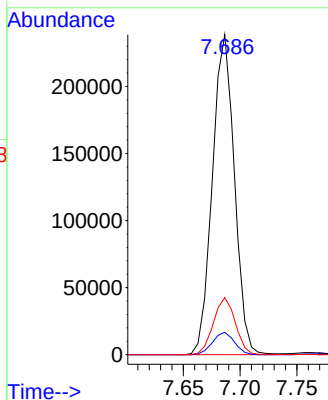
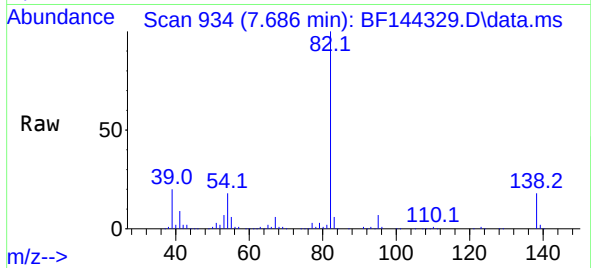
#25
Isophorone
Concen: 47.978 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion: 82 Resp: 322230
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 13.7 20.5

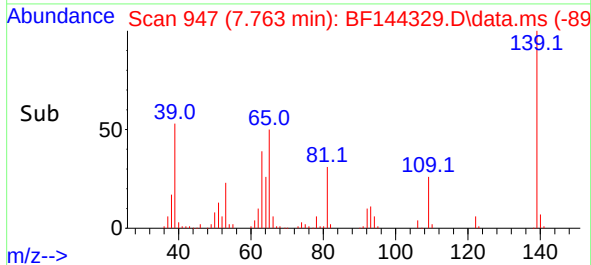
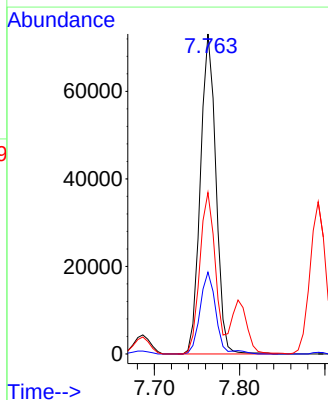
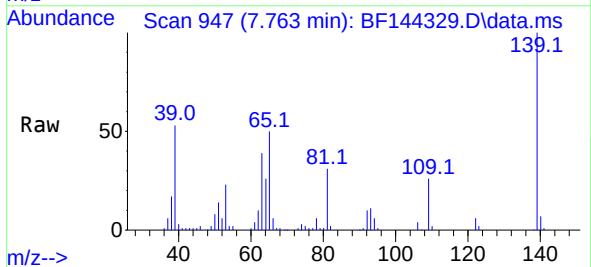
Manual Integrations
APPROVED

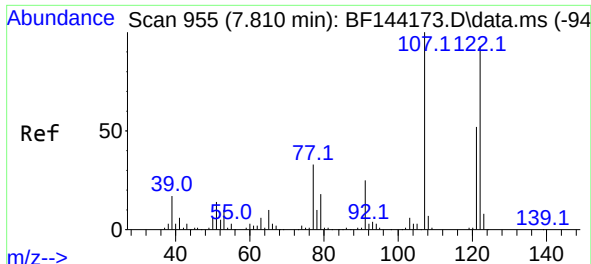
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#26
2-Nitrophenol
Concen: 48.521 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

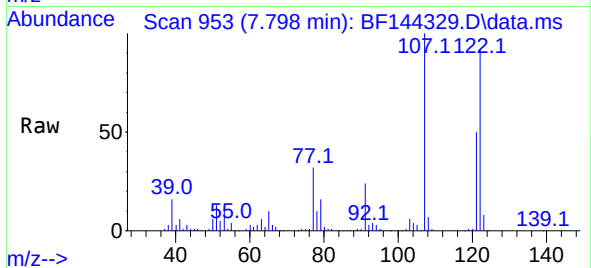
Tgt Ion:139 Resp: 92599
Ion Ratio Lower Upper
139 100
109 25.6 22.2 33.2
65 50.5 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 54.766 ng
RT: 7.798 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

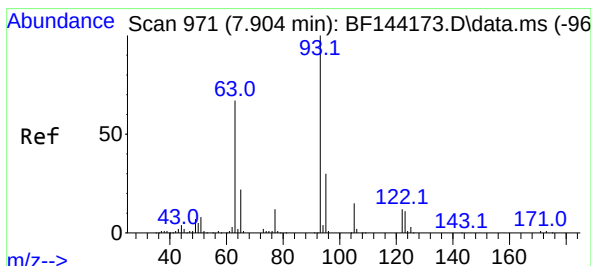
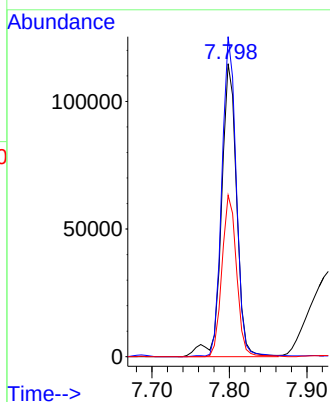
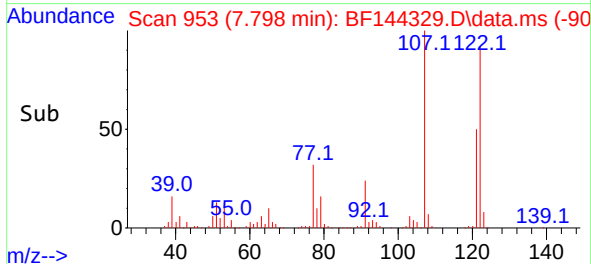
Instrument :
BNA_F
ClientSampleId :
V933MS



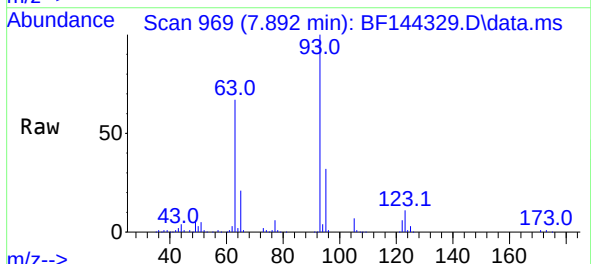
Tgt Ion:122 Resp: 156654
Ion Ratio Lower Upper
122 100
107 109.2 86.2 129.4
121 55.1 44.6 66.8

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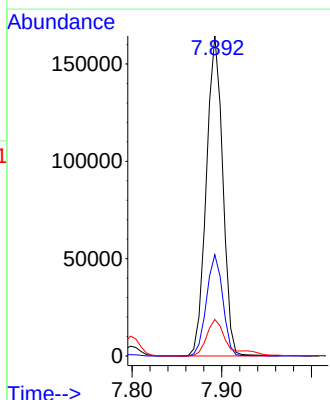
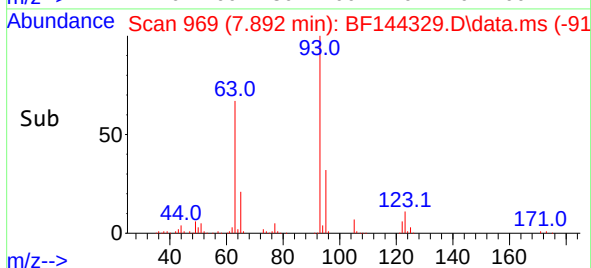
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

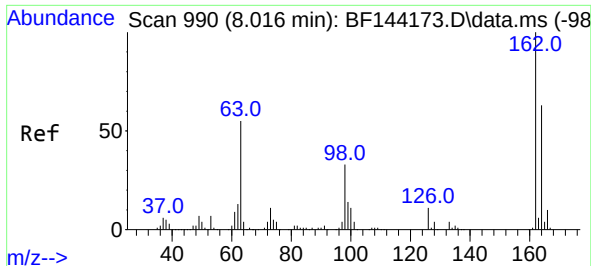


#28
bis(2-Chloroethoxy)methane
Concen: 49.876 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion: 93 Resp: 209183
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: 47.131 ng

RT: 8.010 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA_F

ClientSampleId :

V933MS

Tgt Ion:162 Resp: 15538

Ion Ratio Lower Upper

162 100

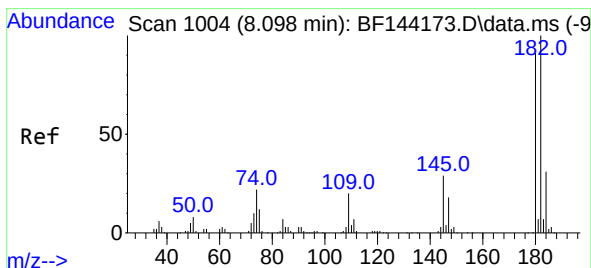
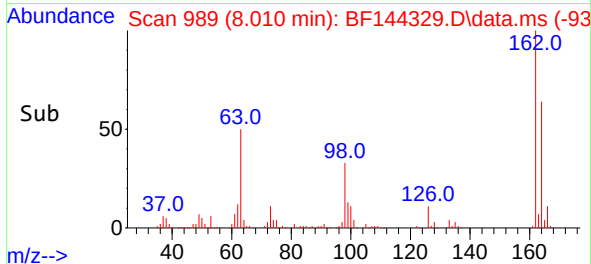
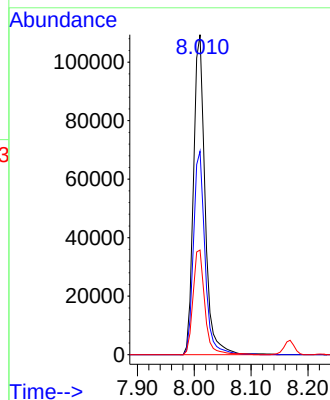
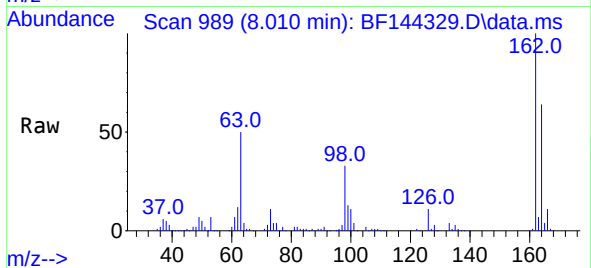
164 63.5 42.9 82.9

98 32.7 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: 46.887 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

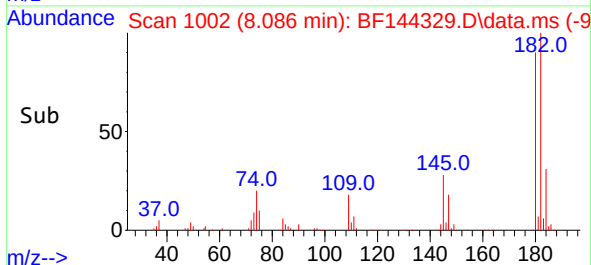
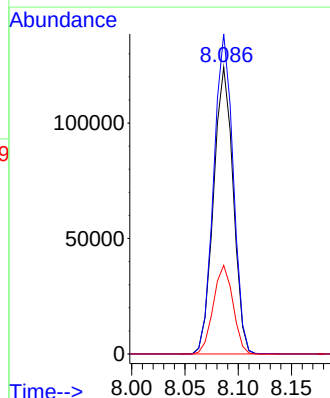
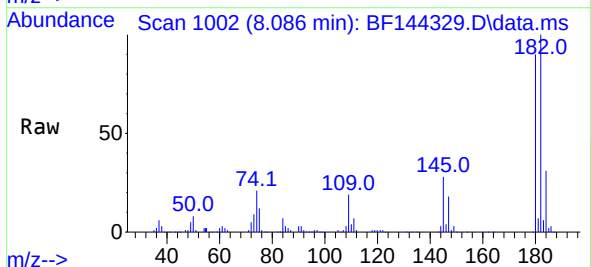
Tgt Ion:180 Resp: 158730

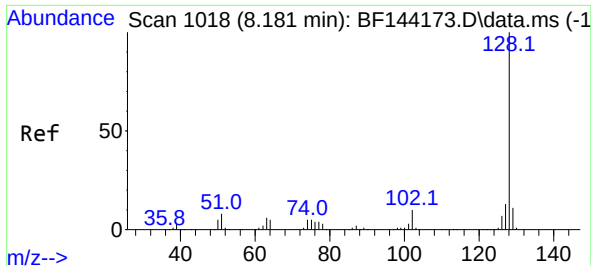
Ion Ratio Lower Upper

180 100

182 111.6 87.7 131.5

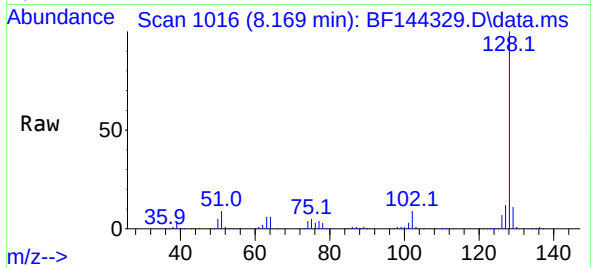
145 30.9 25.4 38.0





#31
Naphthalene
Concen: 46.925 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

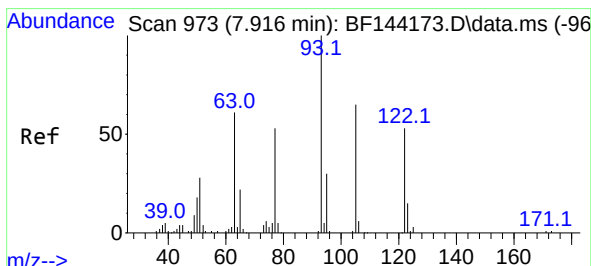
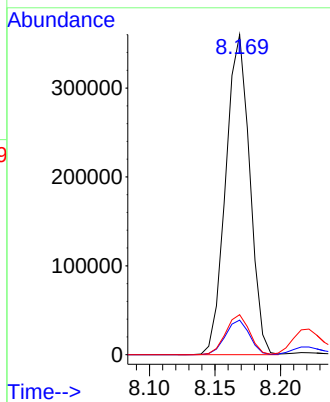
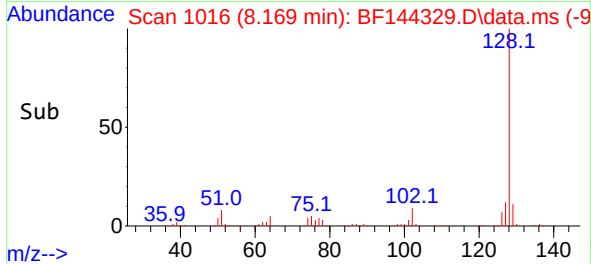
Instrument :
BNA_F
ClientSampleId :
V933MS



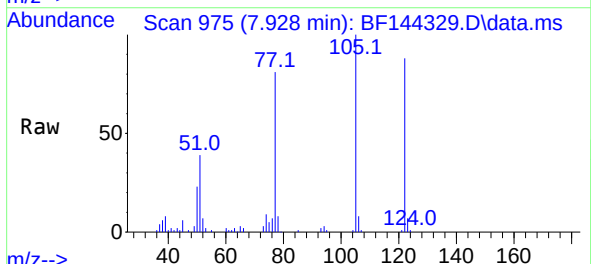
Tgt Ion:128 Resp: 45776
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.5 10.3 15.5

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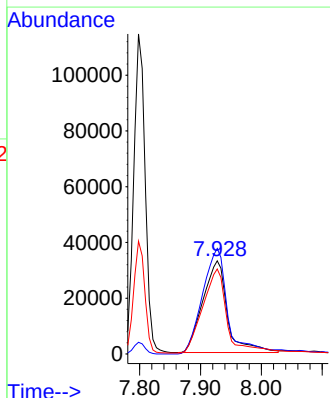
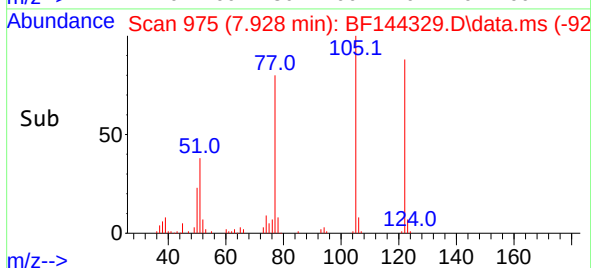
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

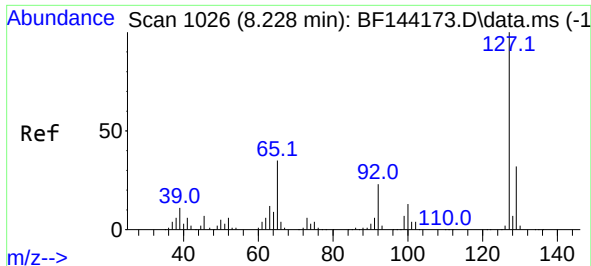


#32
Benzoic acid
Concen: 44.265 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.024 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:122 Resp: 92811
Ion Ratio Lower Upper
122 100
105 113.2 99.9 139.9
77 91.3 77.5 117.5





#33

4-Chloroaniline

Concen: 15.459 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA_F

ClientSampleId :

V933MS

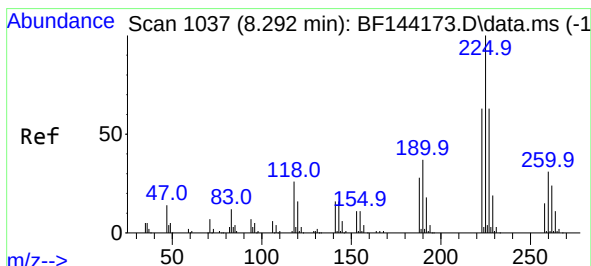
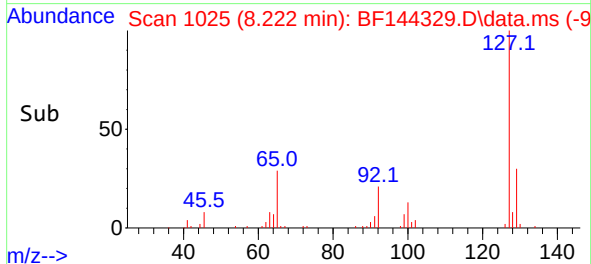
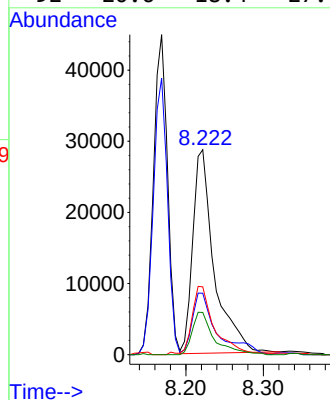
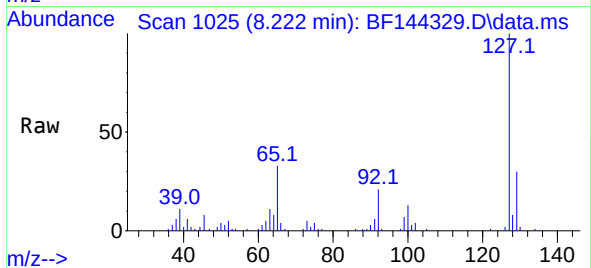
Tgt Ion:127 Resp: 5500

Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.3	37.9
65	33.1	27.6	41.4
92	20.6	18.4	27.6

Manual Integrations

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



#34

Hexachlorobutadiene

Concen: 43.369 ng

RT: 8.280 min Scan# 1035

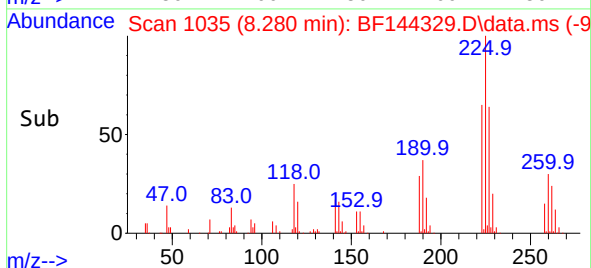
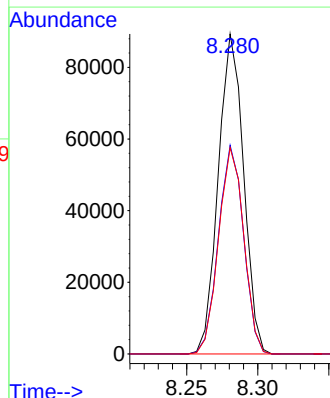
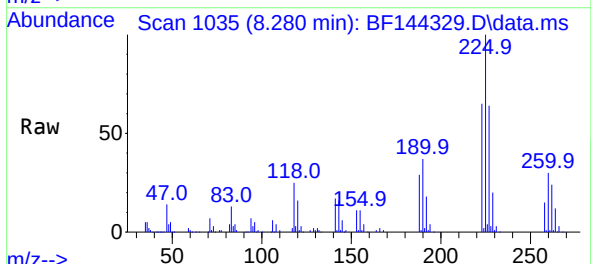
Delta R.T. -0.012 min

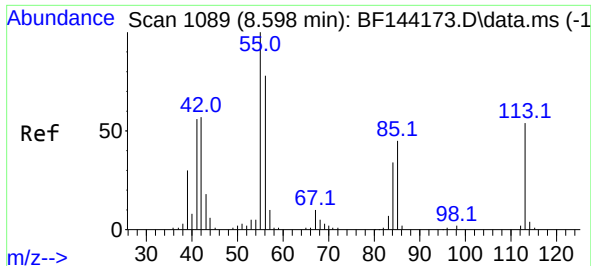
Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Tgt Ion:225 Resp: 110648

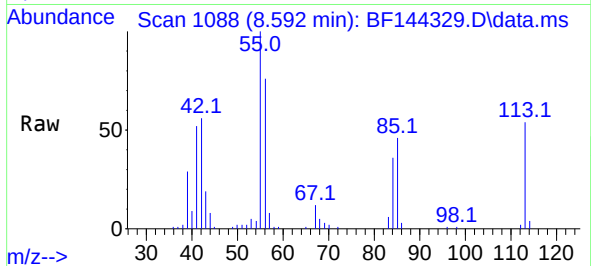
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	64.5	50.1	75.1





#35
Caprolactam
Concen: 47.105 ng m
RT: 8.592 min Scan# 1089
Delta R.T. -0.029 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

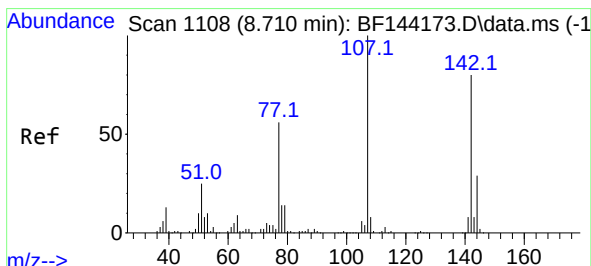
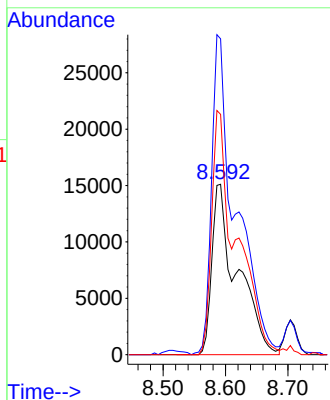
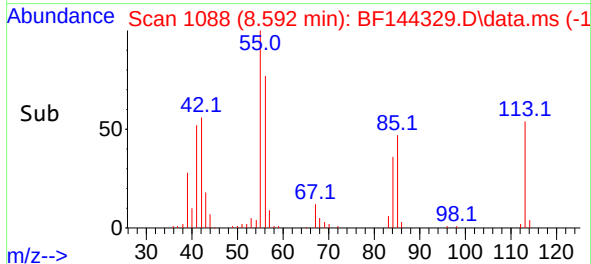
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:113 Resp: 42540
Ion Ratio Lower Upper
113 100
55 185.4 166.8 206.8
56 141.1 125.9 165.9

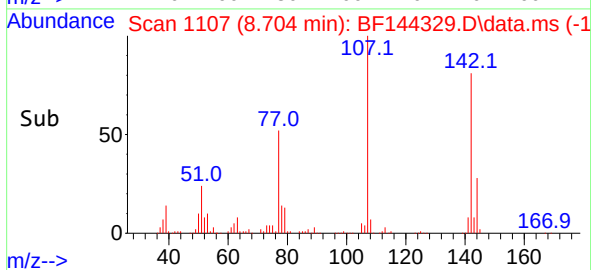
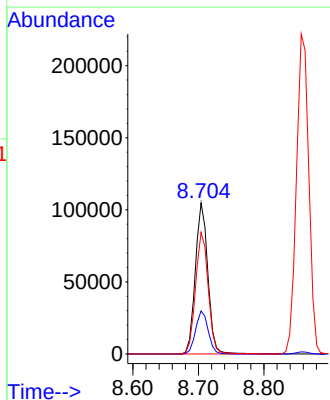
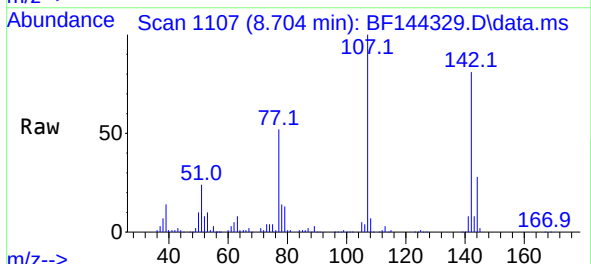
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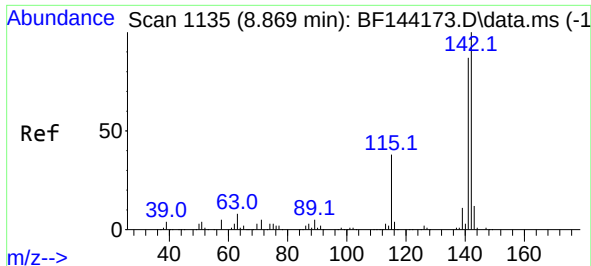
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#36
4-Chloro-3-methylphenol
Concen: 47.182 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion:107 Resp: 139405
Ion Ratio Lower Upper
107 100
144 28.5 23.3 34.9
142 80.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 44.326 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.012 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA_F

ClientSampleId :

V933MS

Tgt Ion:142 Resp: 28910

Ion Ratio Lower Upper

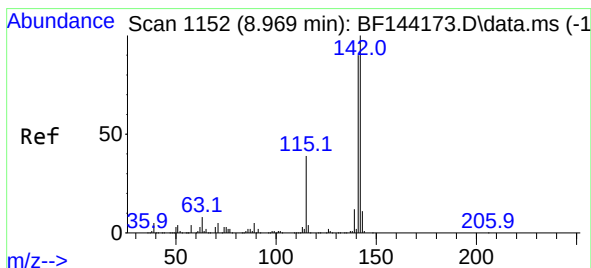
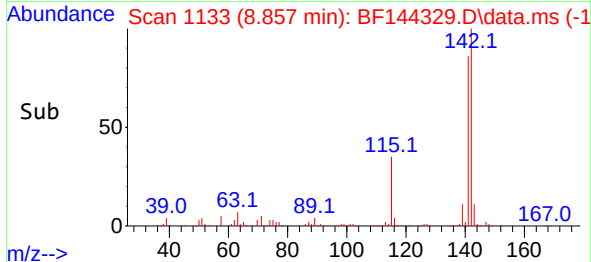
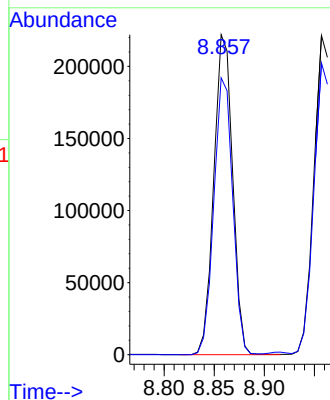
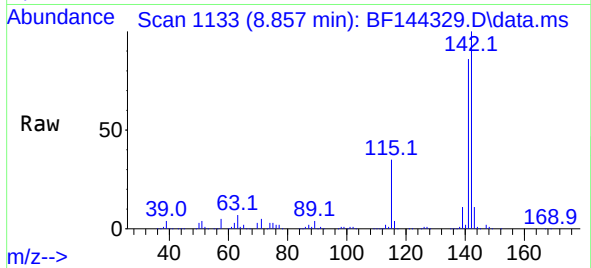
142 100

141 86.5 69.9 104.9

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



#38

1-Methylnaphthalene

Concen: 45.412 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144329.D

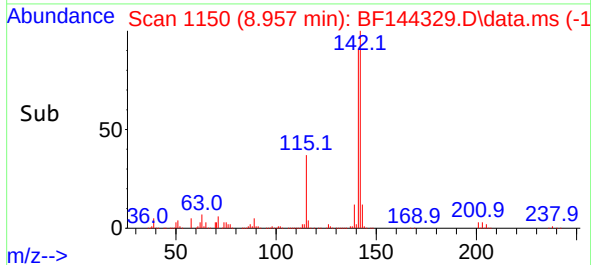
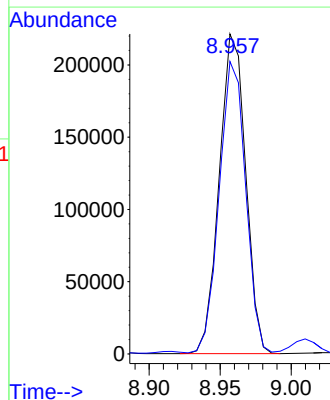
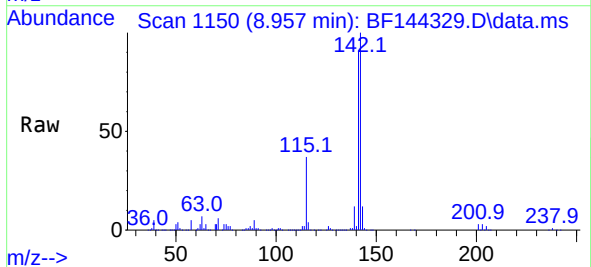
Acq: 24 Nov 2025 17:48

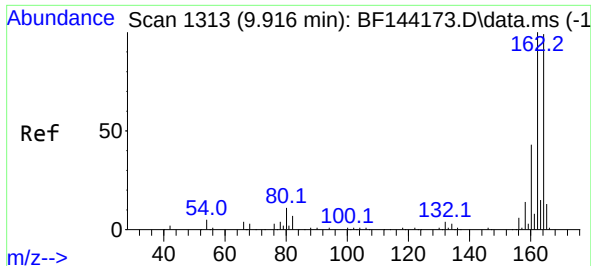
Tgt Ion:142 Resp: 285787

Ion Ratio Lower Upper

142 100

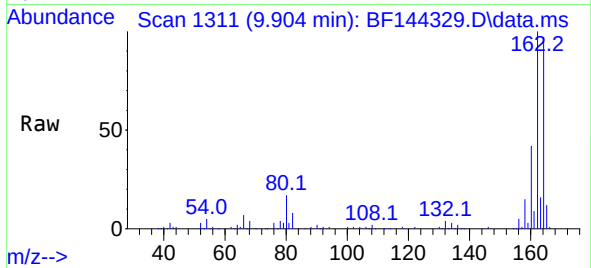
141 91.4 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11399
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

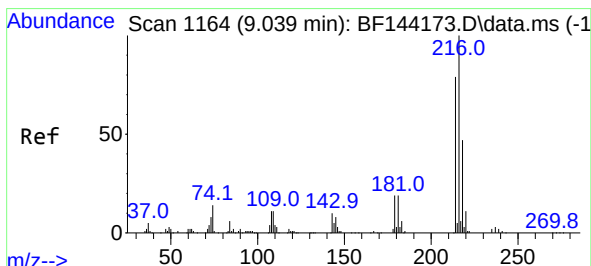
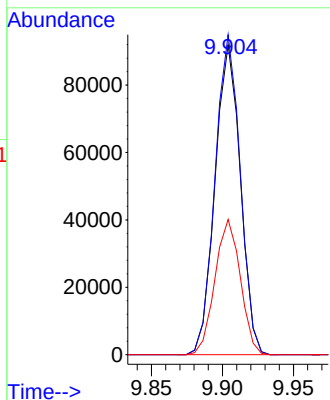
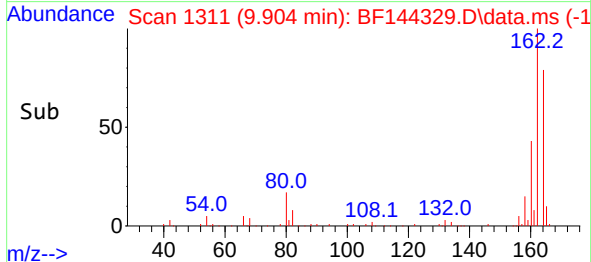
Instrument :
BNA_F
ClientSampleId :
V933MS



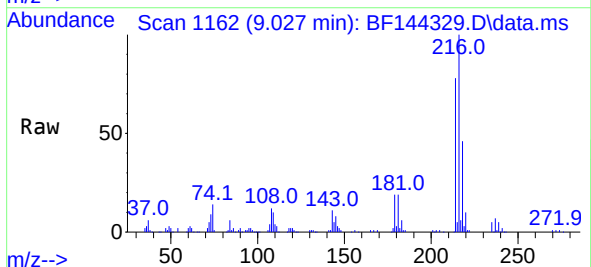
Tgt Ion:164 Resp: 11399
Ion Ratio Lower Upper
164 100
162 103.2 81.1 121.7
160 43.6 34.5 51.7

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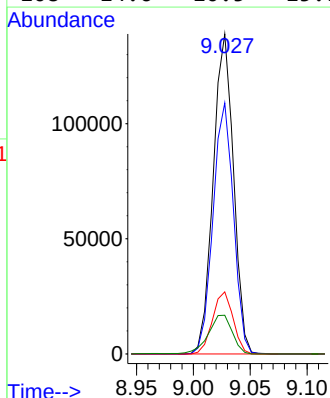
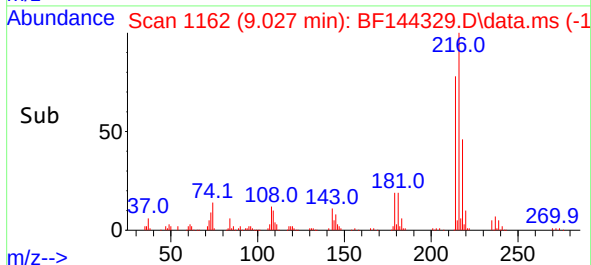
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

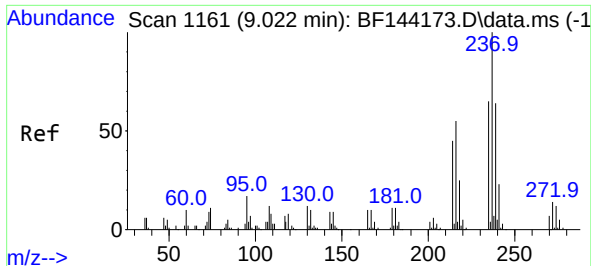


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.241 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:216 Resp: 172759
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 19.6 15.0 22.4
108 14.6 10.5 15.7





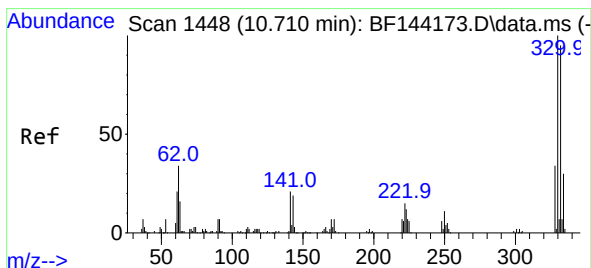
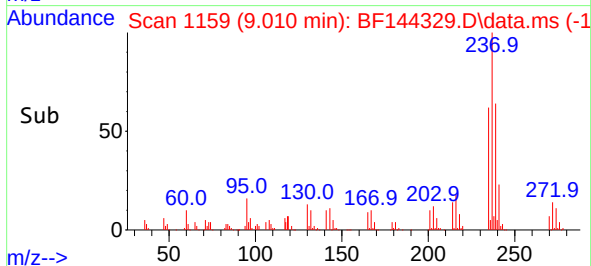
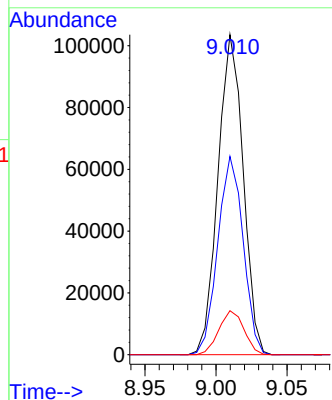
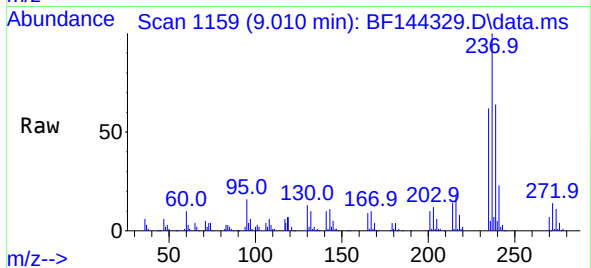
#41
Hexachlorocyclopentadiene
Concen: 85.342 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:237 Resp: 127858
Ion Ratio Lower Upper
237 100
235 62.0 45.5 85.5
272 13.8 0.0 33.5

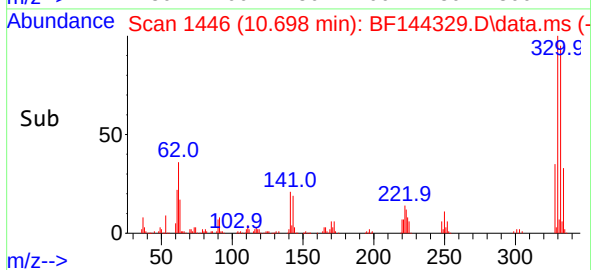
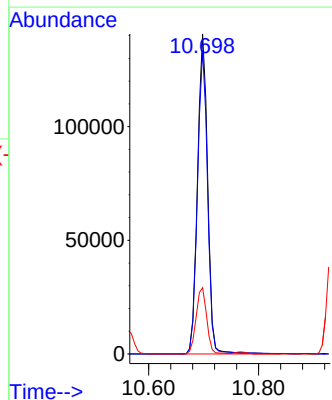
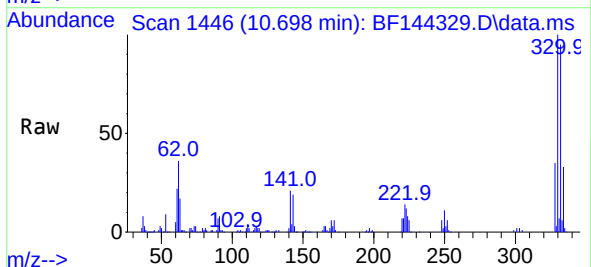
Manual Integrations
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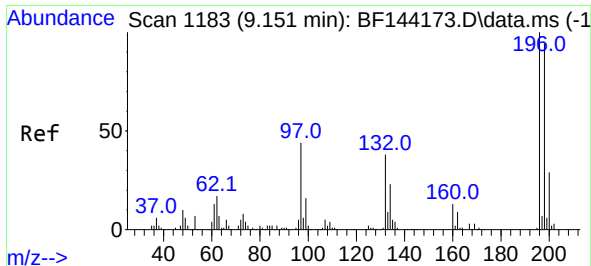
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#42
2,4,6-Tribromophenol
Concen: 126.437 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

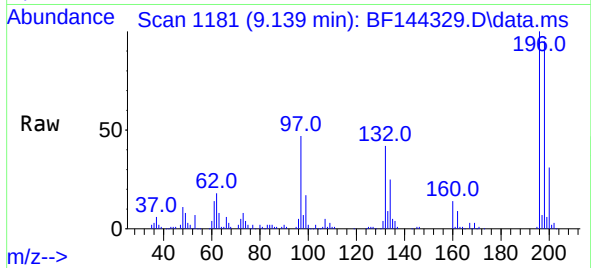
Tgt Ion:330 Resp: 180872
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 21.6 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 45.569 ng
RT: 9.139 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

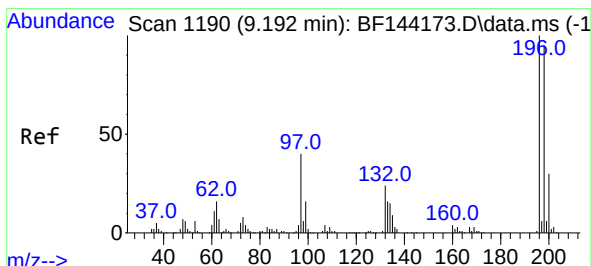
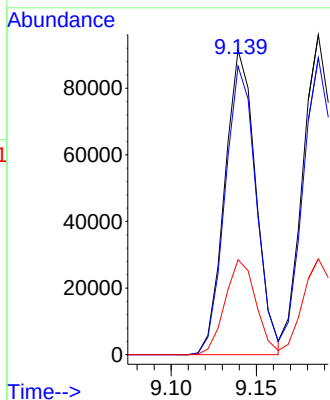
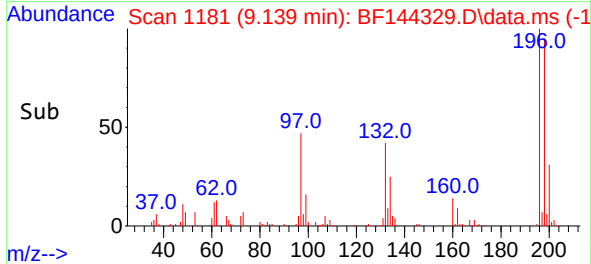
Instrument :
BNA_F
ClientSampleId :
V933MS



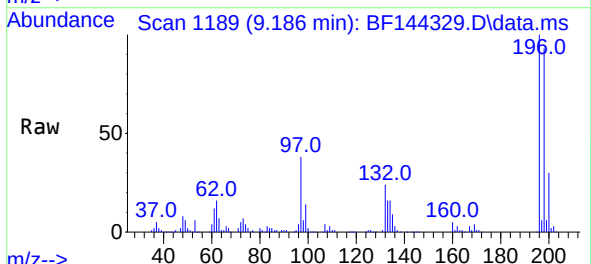
Tgt Ion:196 Resp: 11587
Ion Ratio Lower Upper
196 100
198 94.6 75.3 112.9
200 31.2 23.4 35.2

Manual Integrations
APPROVED

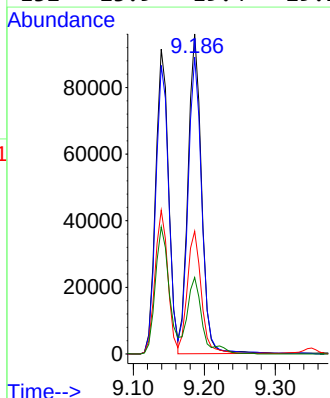
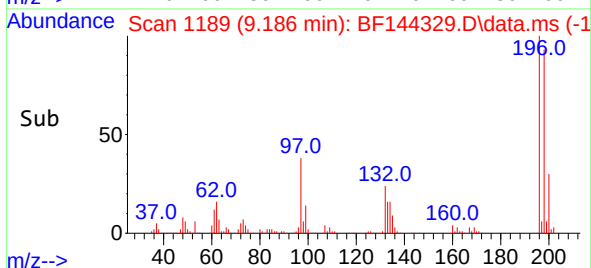
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

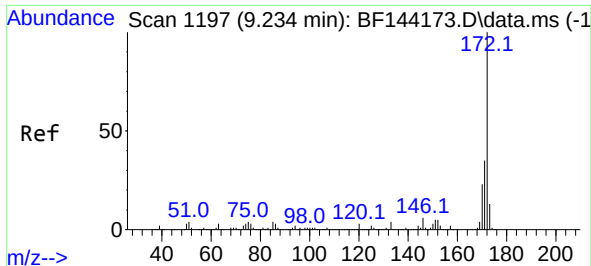


#44
2,4,5-Trichlorophenol
Concen: 46.218 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



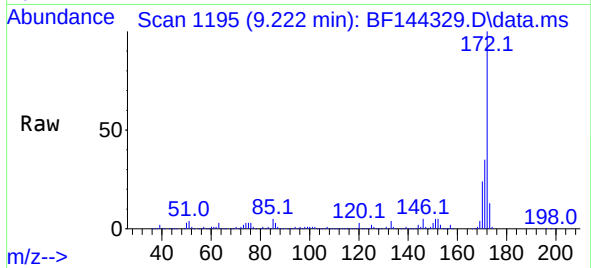
Tgt Ion:196 Resp: 126665
Ion Ratio Lower Upper
196 100
198 92.8 76.1 114.1
97 38.3 31.9 47.9
132 23.9 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 86.164 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

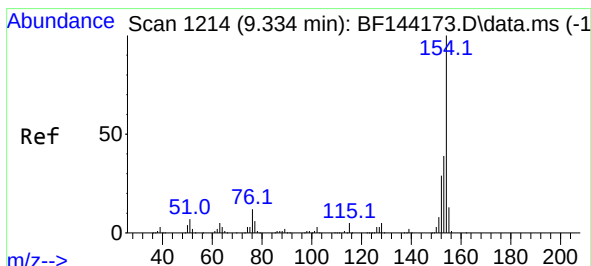
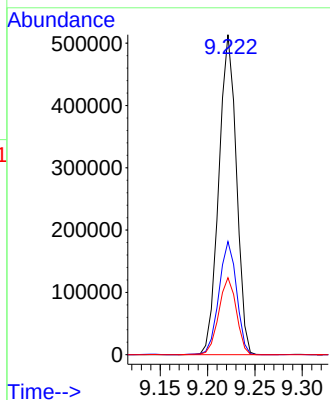
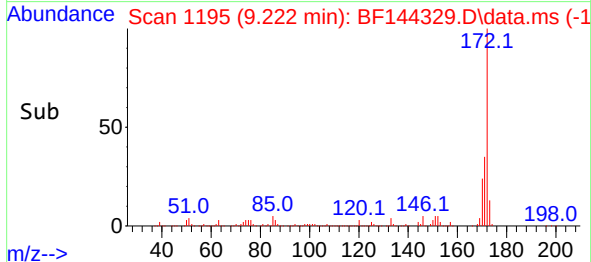
Instrument :
BNA_F
ClientSampleId :
V933MS



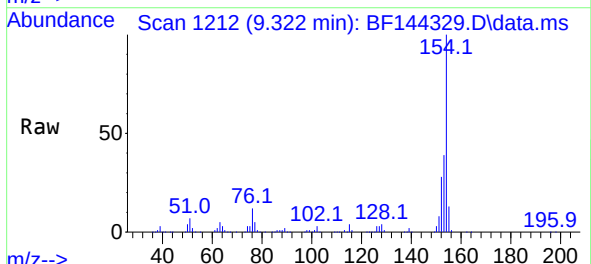
Tgt Ion:172 Resp: 665060
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 18.6 28.0

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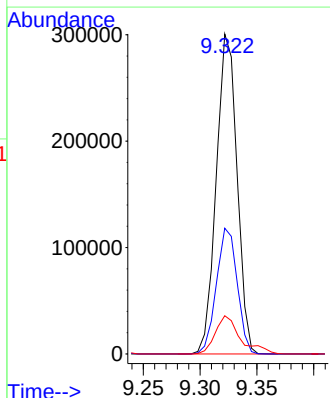
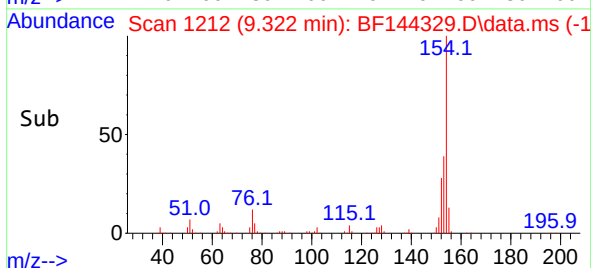
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

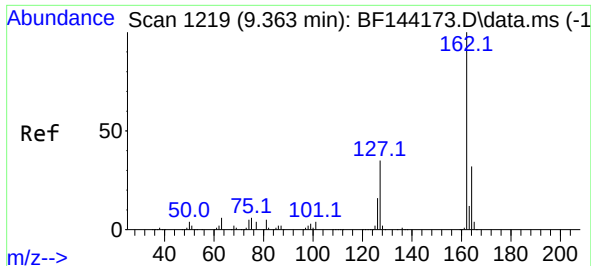


#46
1,1'-Biphenyl
Concen: 47.999 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:154 Resp: 381944
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 45.929 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

Instrument :

BNA_F

ClientSampleId :

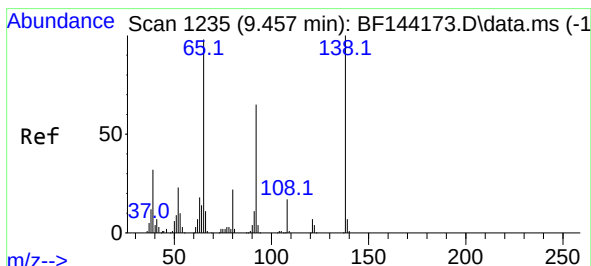
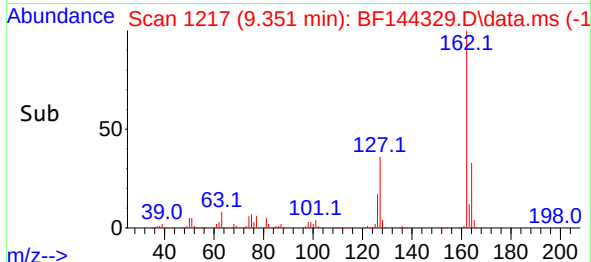
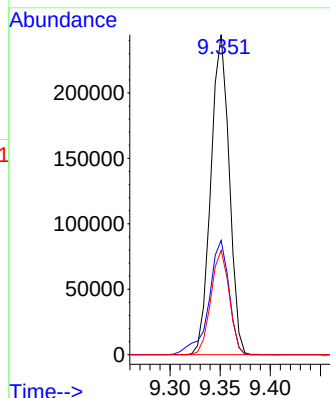
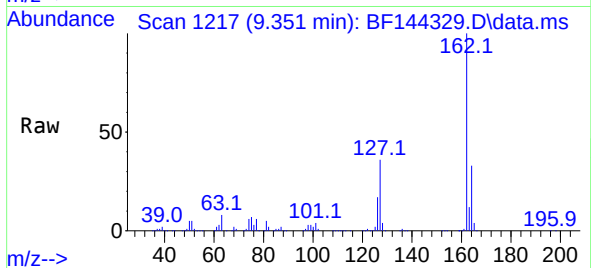
V933MS

Tgt Ion:162 Resp: 311752
 Ion Ratio Lower Upper
 162 100
 127 35.7 28.8 43.2
 164 32.6 25.8 38.8

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



#48

2-Nitroaniline

Concen: 48.064 ng

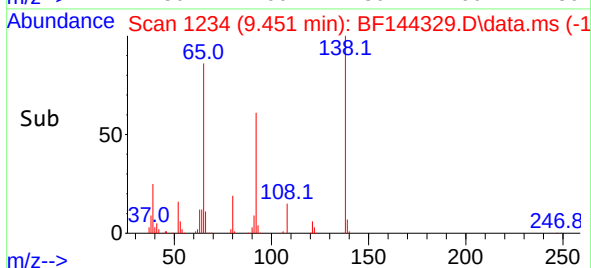
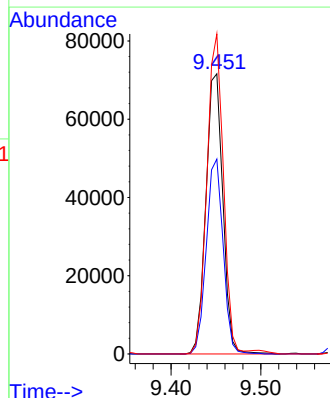
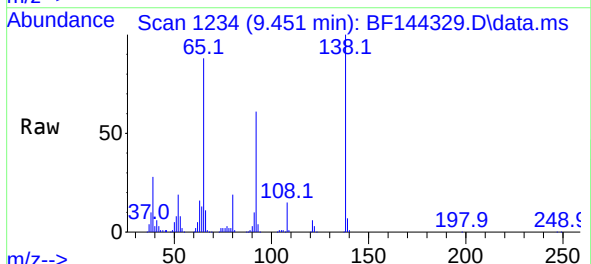
RT: 9.451 min Scan# 1234

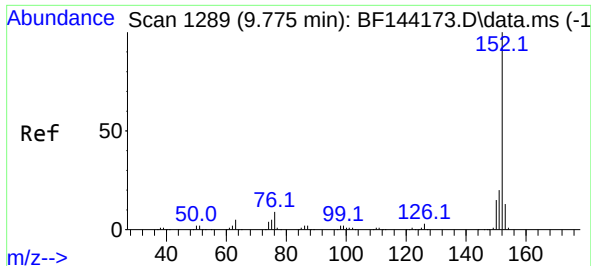
Delta R.T. -0.006 min

Lab File: BF144329.D

Acq: 24 Nov 2025 17:48

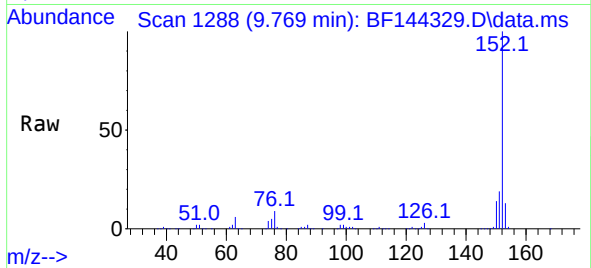
Tgt Ion: 65 Resp: 94133
 Ion Ratio Lower Upper
 65 100
 92 69.6 53.0 79.6
 138 114.2 81.6 122.4





#49
Acenaphthylene
Concen: 53.033 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

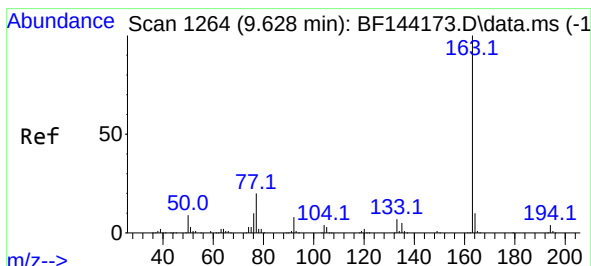
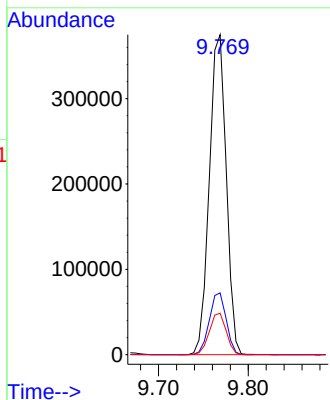
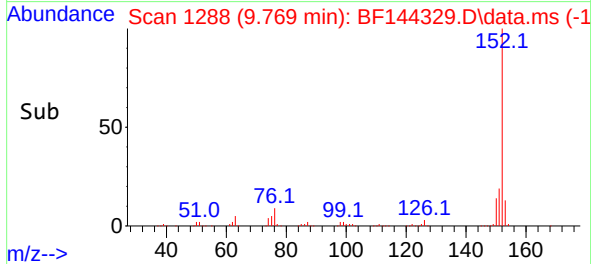
Instrument :
BNA_F
ClientSampleId :
V933MS



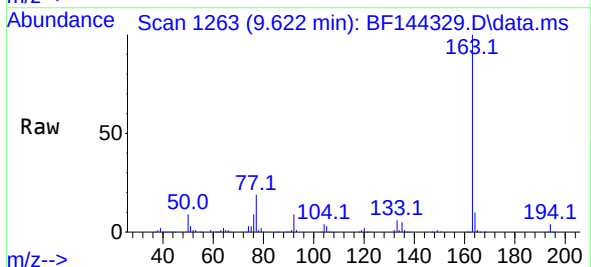
Tgt Ion:152 Resp: 490549
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.0 10.5 15.7

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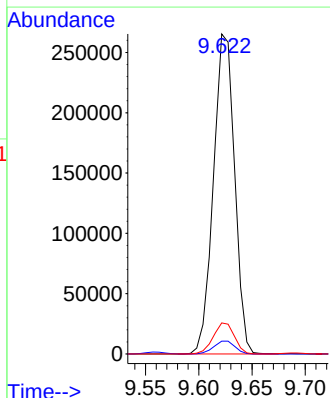
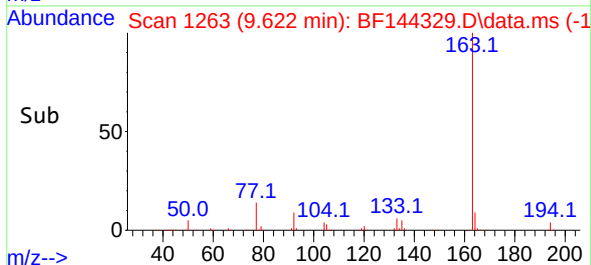
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

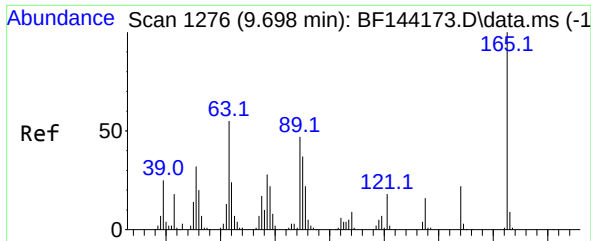


#50
Dimethylphthalate
Concen: 48.508 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



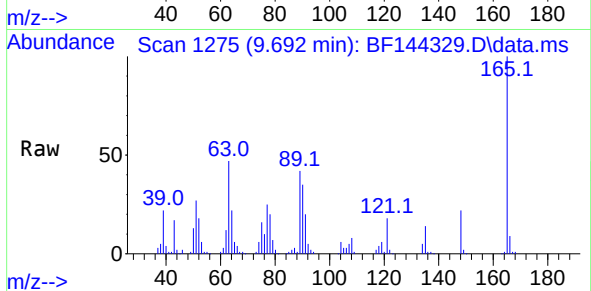
Tgt Ion:163 Resp: 366337
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.654 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

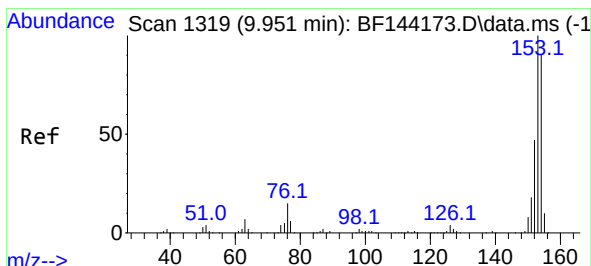
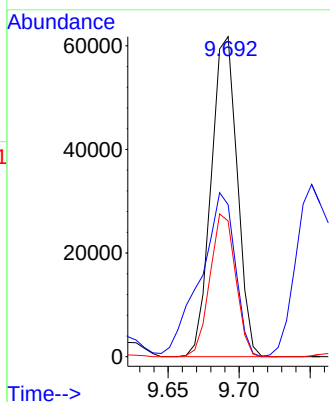
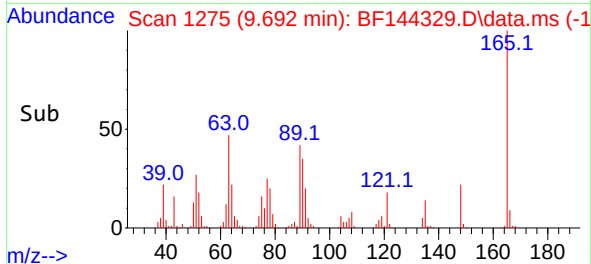
Instrument :
BNA_F
ClientSampleId :
V933MS



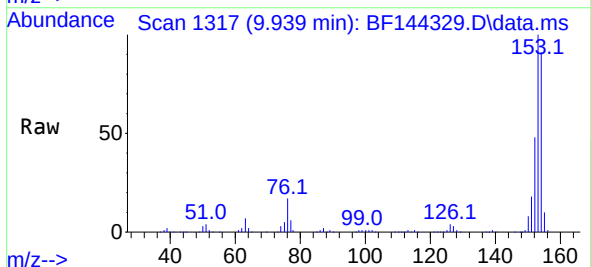
Tgt Ion:165 Resp: 7896
Ion Ratio Lower Upper
165 100
63 47.5 43.8 65.8
89 42.4 37.5 56.3

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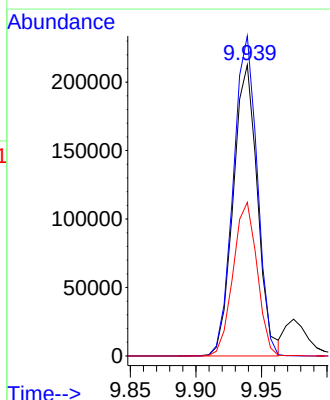
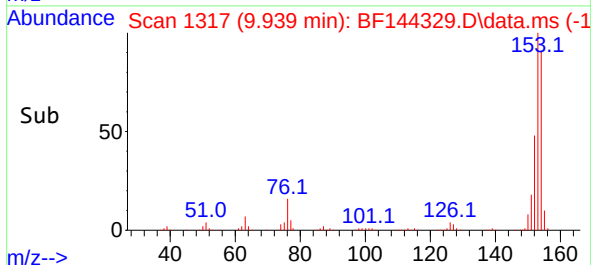
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

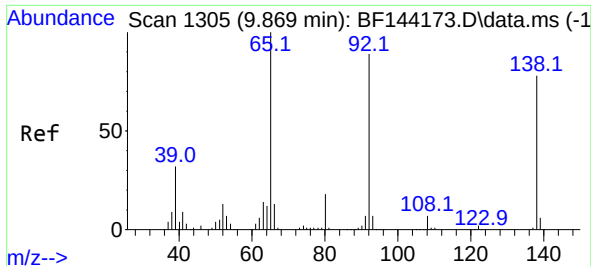


#52
Acenaphthene
Concen: 44.370 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:154 Resp: 274447
Ion Ratio Lower Upper
154 100
153 110.0 89.0 133.4
152 52.8 42.2 63.4





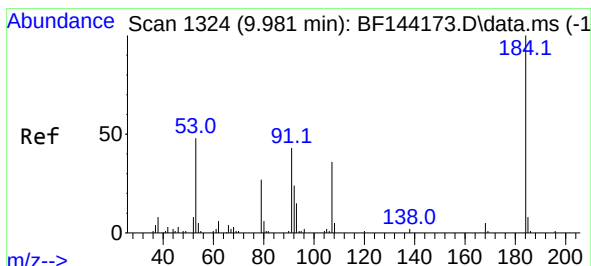
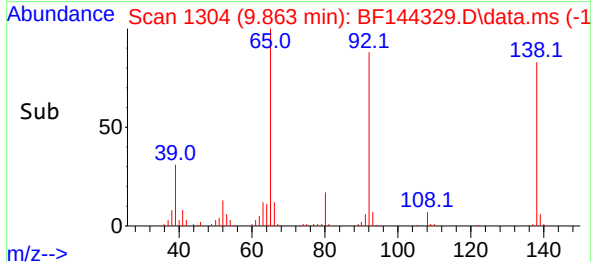
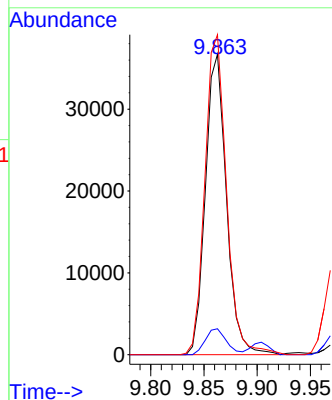
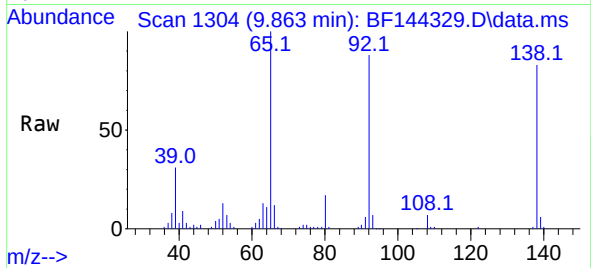
#53
3-Nitroaniline
Concen: 30.303 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:138 Resp: 5064
Ion Ratio Lower Upper
138 100
108 8.6 7.5 11.3
92 106.5 91.8 137.6

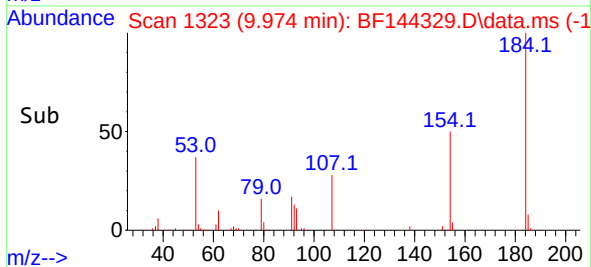
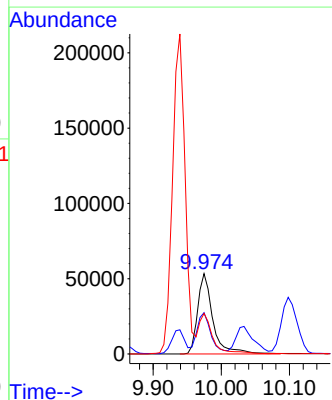
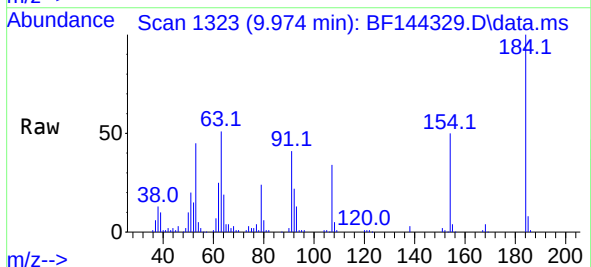
Manual Integrations
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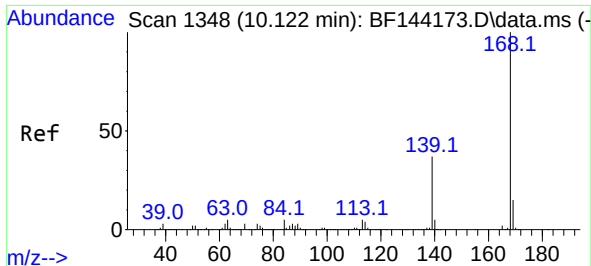
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#54
2,4-Dinitrophenol
Concen: 90.163 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

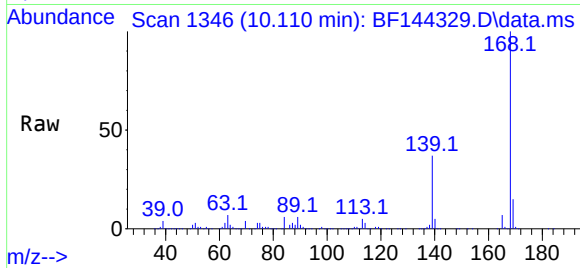
Tgt Ion:184 Resp: 83235
Ion Ratio Lower Upper
184 100
63 51.4 44.0 66.0
154 50.3 42.4 63.6





#55
Dibenzenofuran
Concen: 46.177 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

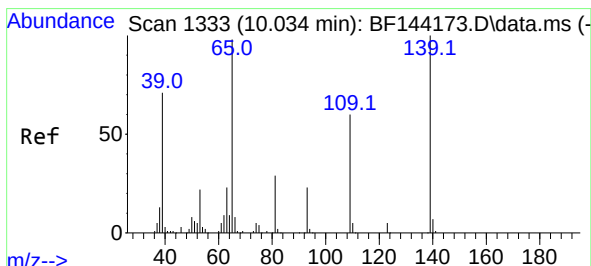
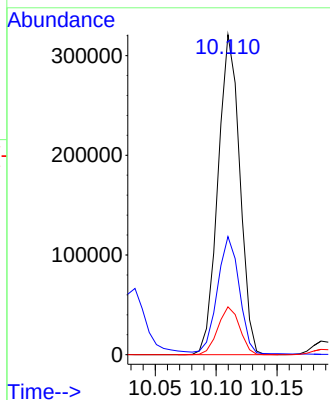
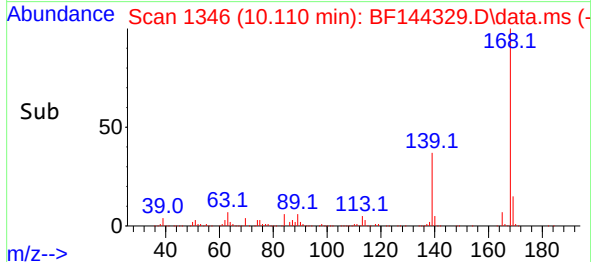
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:168 Resp: 40003
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 15.0 12.2 18.4

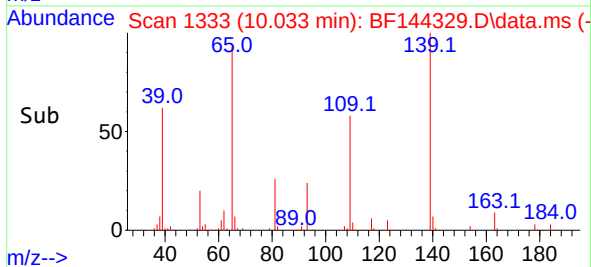
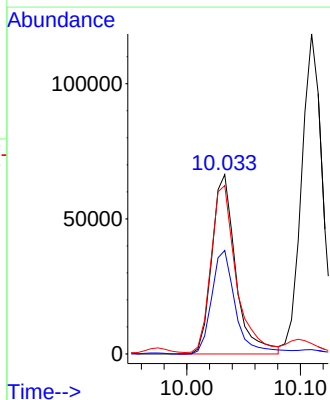
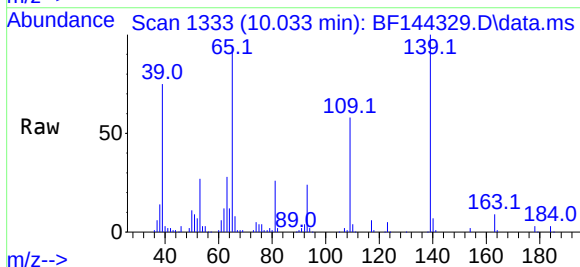
Manual Integrations
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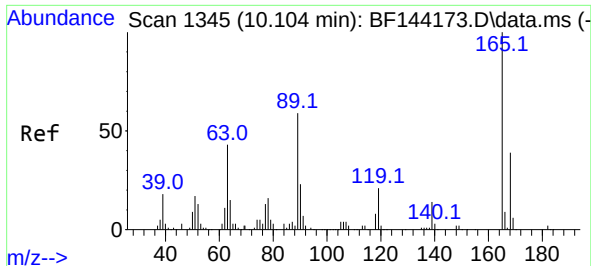
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#56
4-Nitrophenol
Concen: 79.904 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

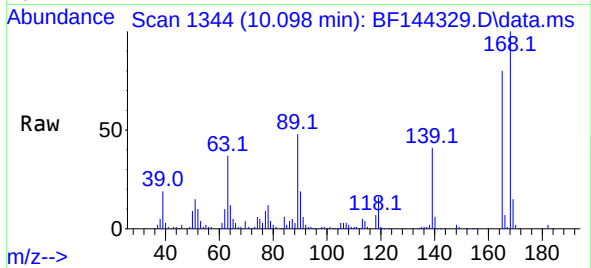
Tgt Ion:139 Resp: 96594
Ion Ratio Lower Upper
139 100
109 57.7 39.9 79.9
65 93.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 49.344 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

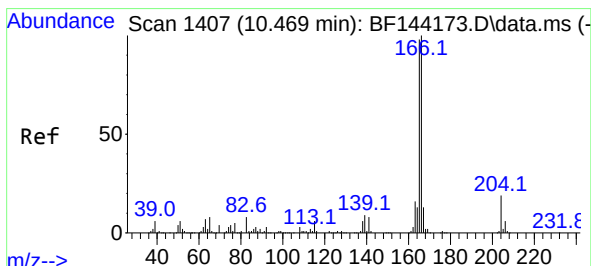
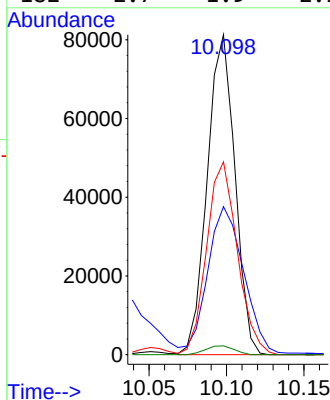
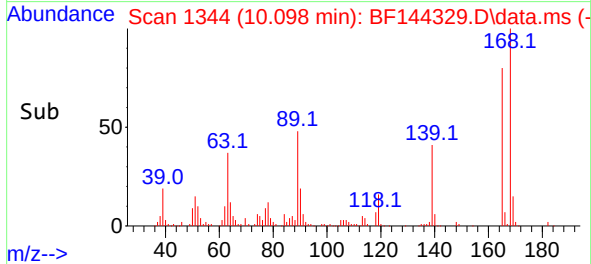
Instrument :
BNA_F
ClientSampleId :
V933MS



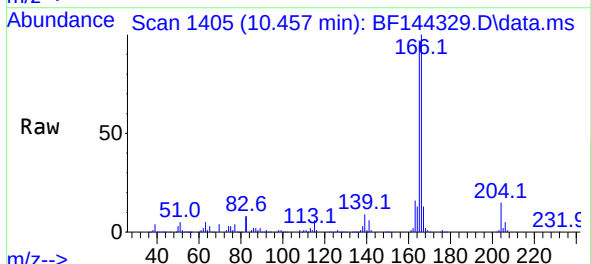
Tgt Ion:165 Resp: 10098
Ion Ratio Lower Upper
165 100
63 46.2 35.5 53.3
89 60.2 47.4 71.2
182 2.7 1.9 2.9

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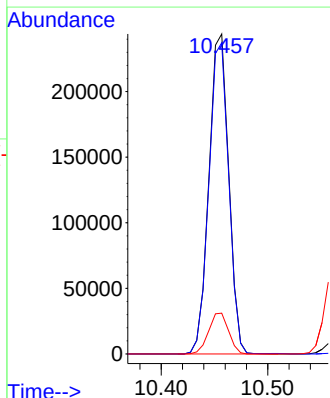
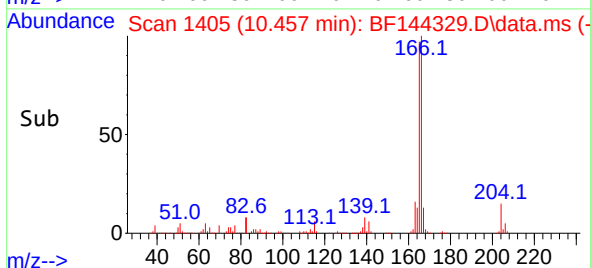
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

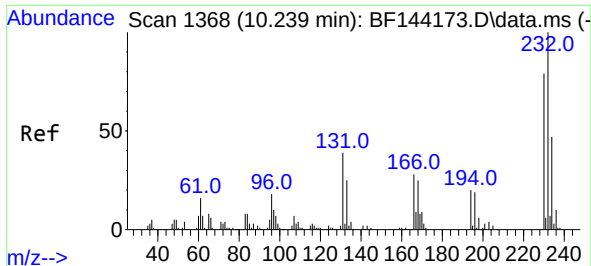


#58
Fluorene
Concen: 47.882 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



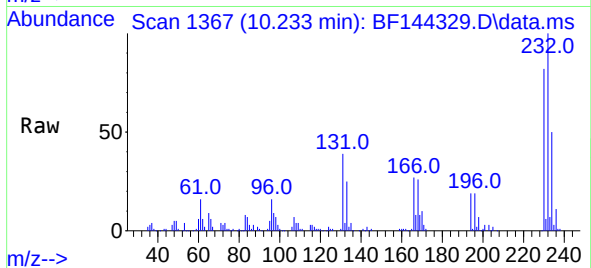
Tgt Ion:166 Resp: 315378
Ion Ratio Lower Upper
166 100
165 97.2 78.6 118.0
167 12.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.817 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

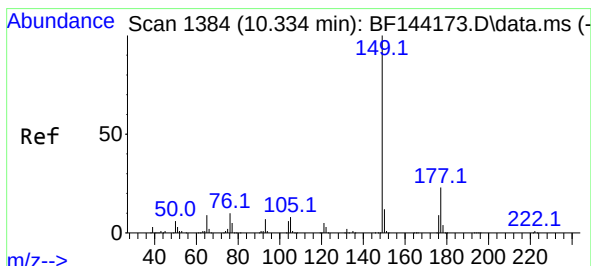
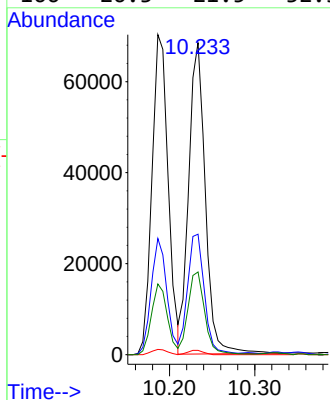
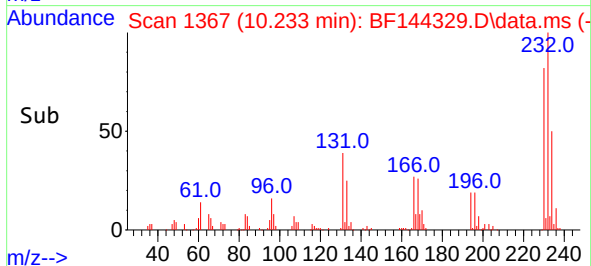
Instrument :
BNA_F
ClientSampleId :
V933MS



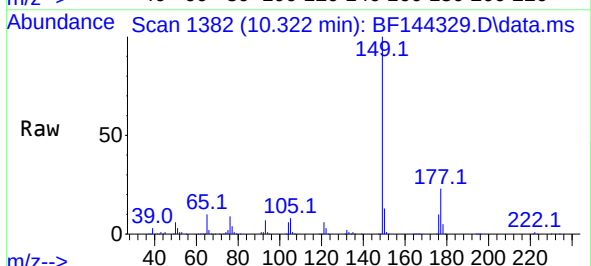
Tgt Ion:232 Resp: 92710
Ion Ratio Lower Upper
232 100
131 38.2 30.3 45.5
130 1.3 1.2 1.8
166 26.3 21.5 32.3

Manual Integrations
APPROVED

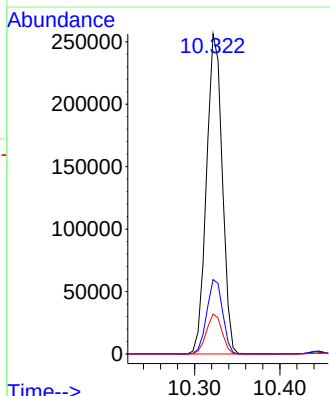
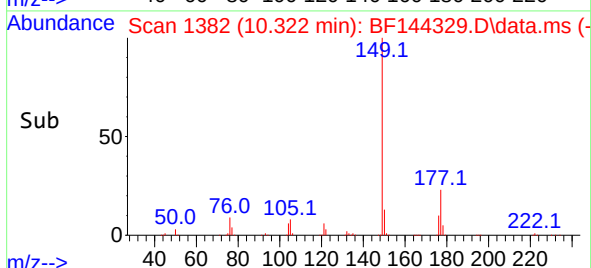
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

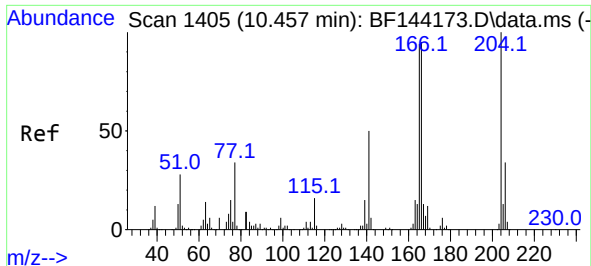


#60
Diethylphthalate
Concen: 47.261 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



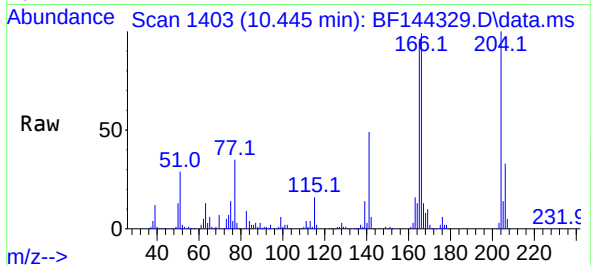
Tgt Ion:149 Resp: 329027
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 46.070 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

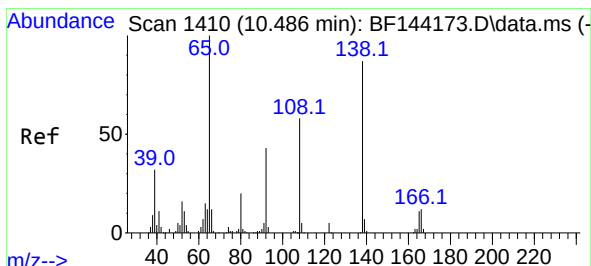
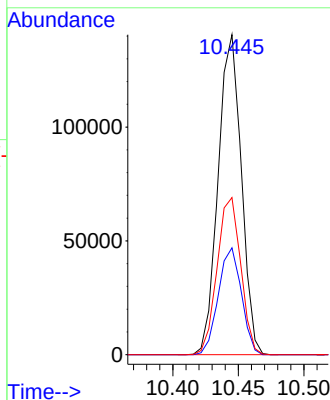
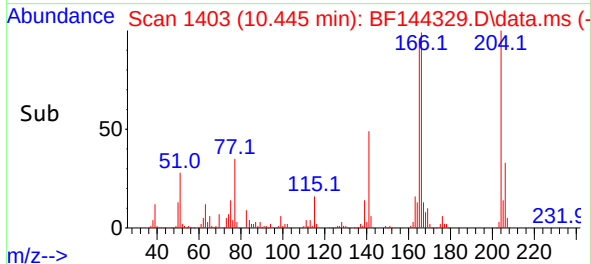
Instrument :
BNA_F
ClientSampleId :
V933MS



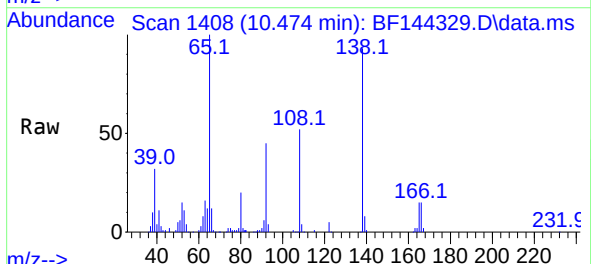
Tgt Ion:204 Resp: 17284
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 49.1 40.0 60.0

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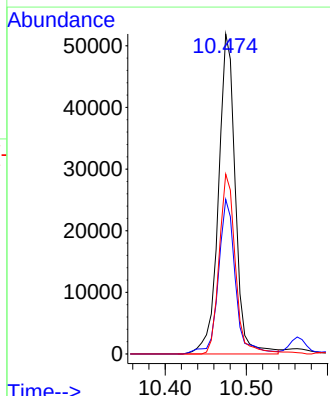
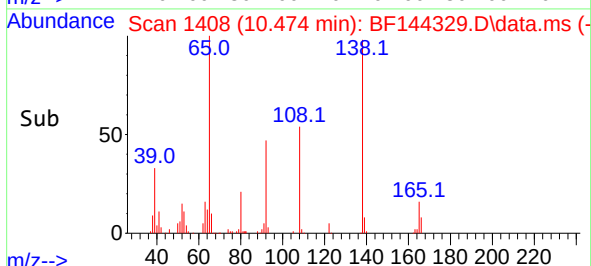
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

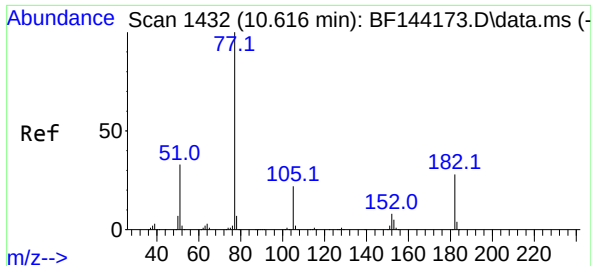


#62
4-Nitroaniline
Concen: 47.249 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



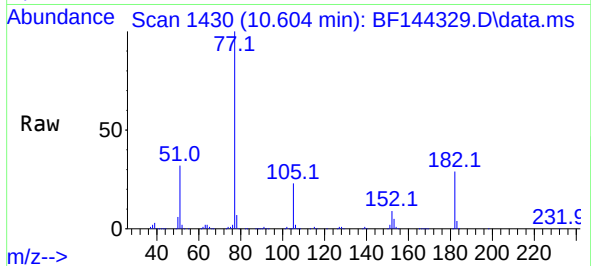
Tgt Ion:138 Resp: 75197
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 56.2 46.4 86.4





#63
Azobenzene
Concen: 49.230 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

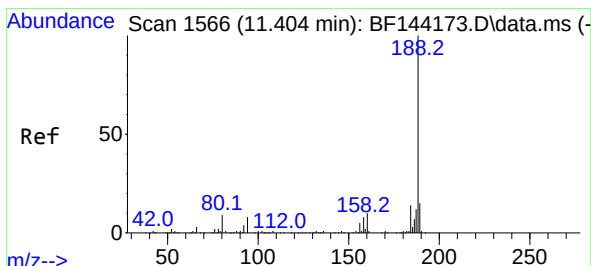
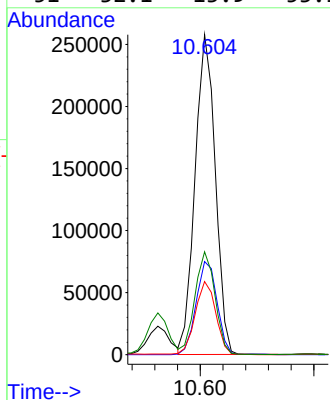
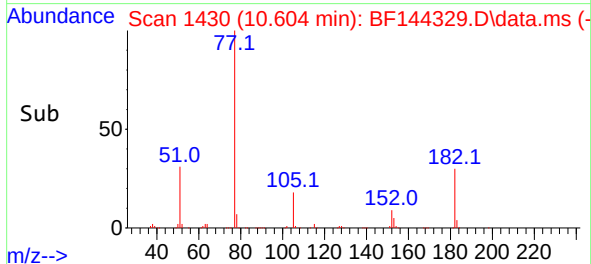
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion: 77 Resp: 318969
Ion Ratio Lower Upper
77 100
182 29.1 8.1 48.1
105 22.9 2.0 42.0
51 32.1 13.9 53.9

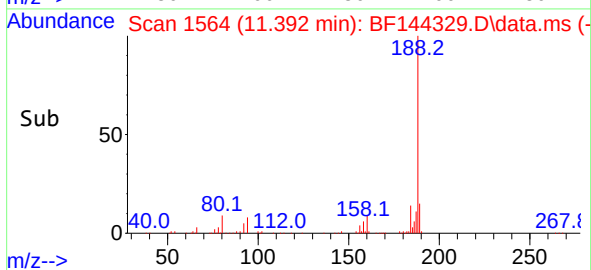
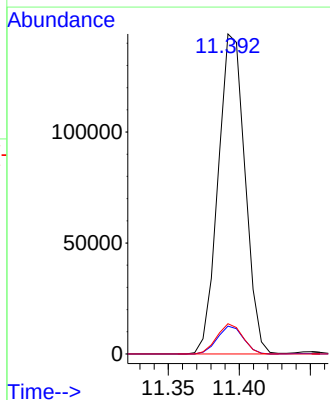
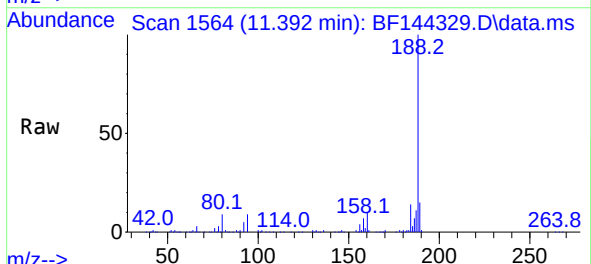
Manual Integrations
APPROVED

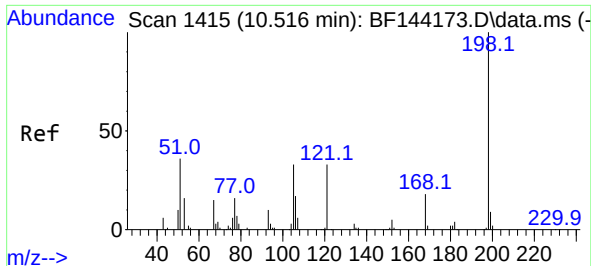
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion:188 Resp: 189321
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.4 6.9 10.3





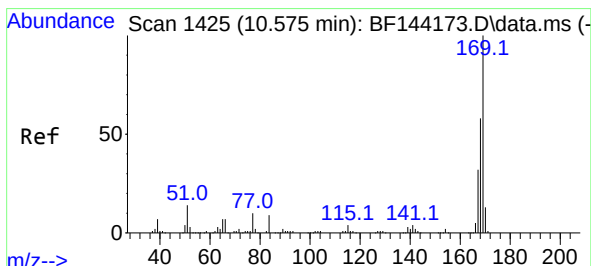
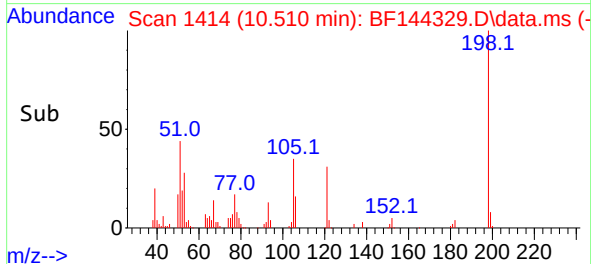
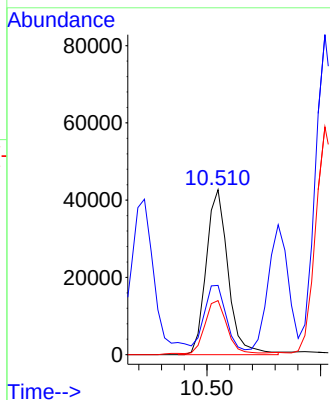
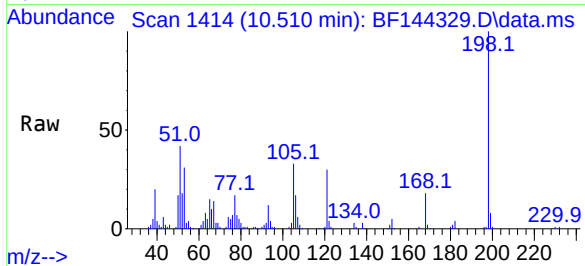
#65
4,6-Dinitro-2-methylphenol
Concen: 44.505 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:198 Resp: 57239
Ion Ratio Lower Upper
198 100
51 42.0 25.6 65.6
105 32.8 14.6 54.6

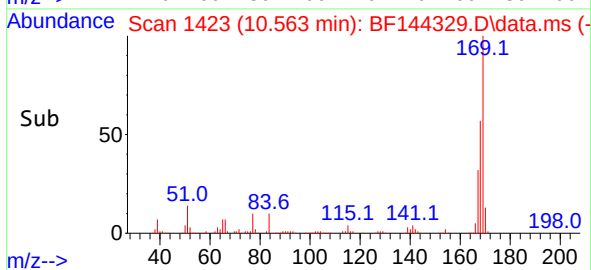
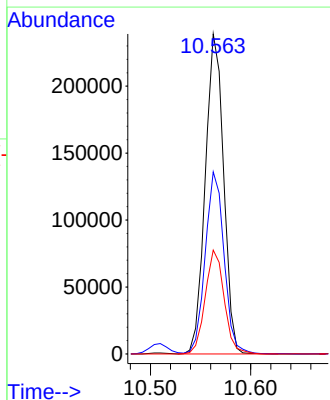
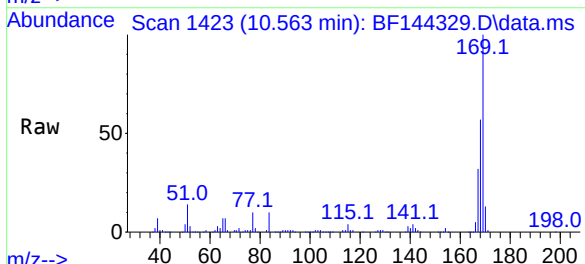
Manual Integrations
APPROVED

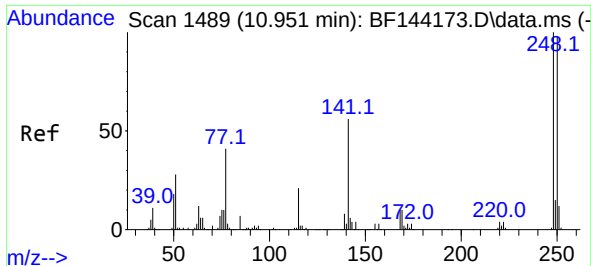
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#66
n-Nitrosodiphenylamine
Concen: 50.005 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Tgt Ion:169 Resp: 304483
Ion Ratio Lower Upper
169 100
168 56.9 46.2 69.2
167 32.5 25.7 38.5





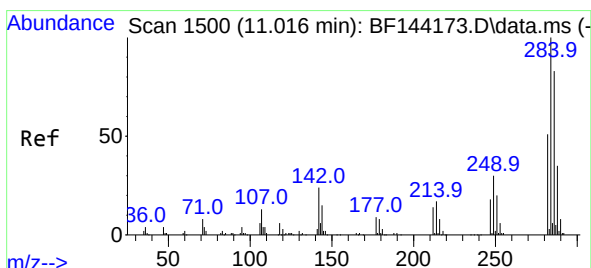
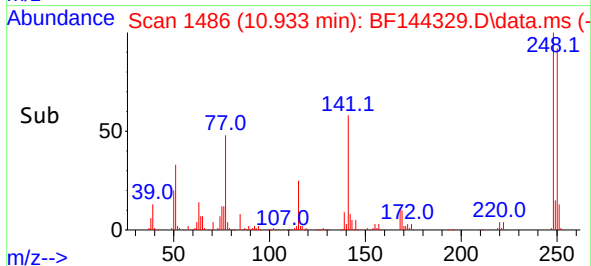
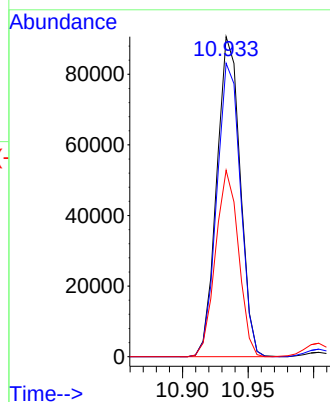
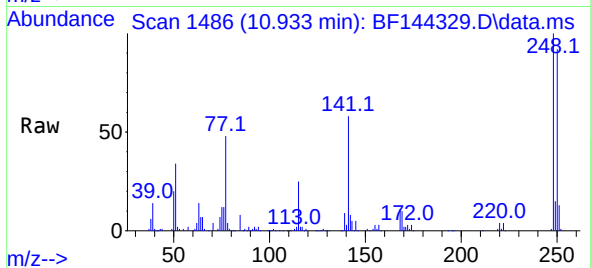
#67
4-Bromophenyl-phenylether
Concen: 46.522 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

Instrument :
BNA_F
ClientSampleId :
V933MS

Tgt Ion:248 Resp: 11242
Ion Ratio Lower Upper
248 100
250 91.7 78.4 117.6
141 58.3 45.1 67.7

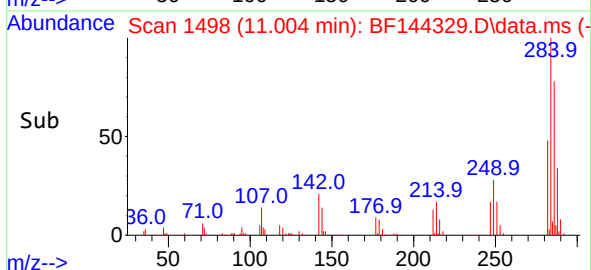
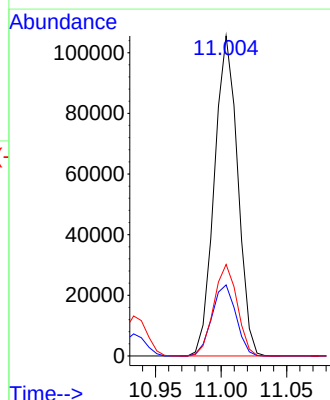
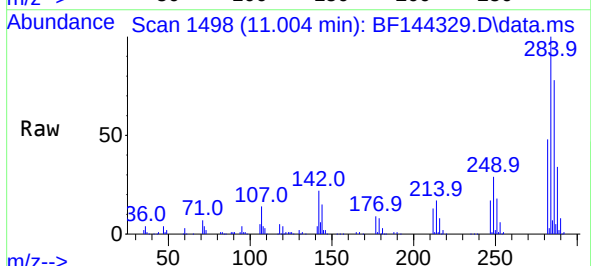
Manual Integrations
APPROVED

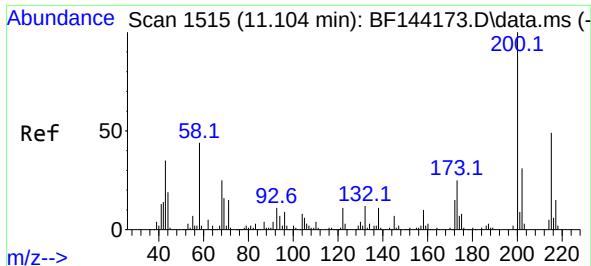
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#68
Hexachlorobenzene
Concen: 45.735 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

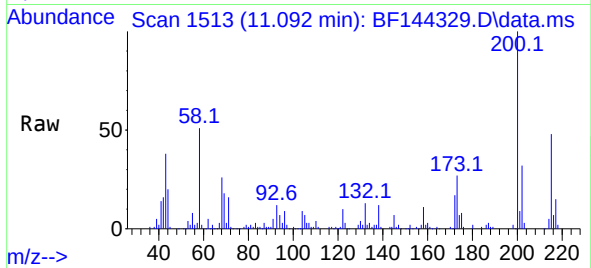
Tgt Ion:284 Resp: 130175
Ion Ratio Lower Upper
284 100
142 22.2 19.2 28.8
249 28.6 23.8 35.8





#69
Atrazine
Concen: 49.366 ng
RT: 11.092 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

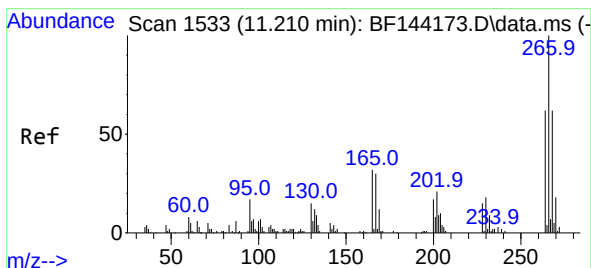
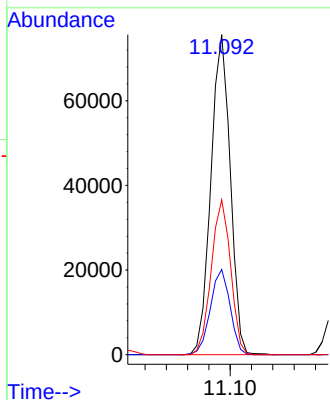
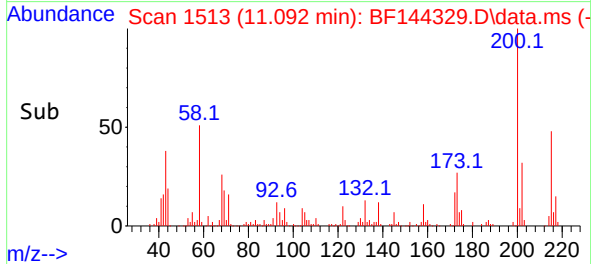
Instrument :
BNA_F
ClientSampleId :
V933MS



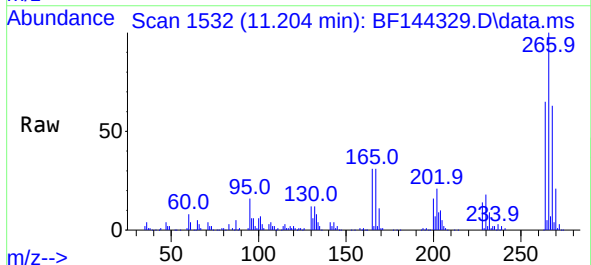
Tgt Ion:200 Resp: 9559
Ion Ratio Lower Upper
200 100
173 26.6 5.0 45.0
215 48.4 28.7 68.7

Manual Integrations
APPROVED

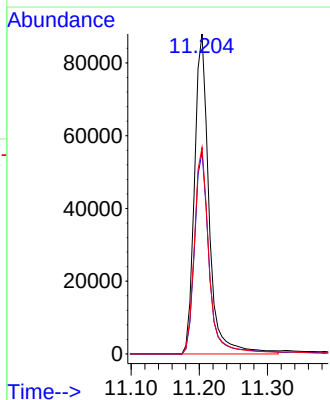
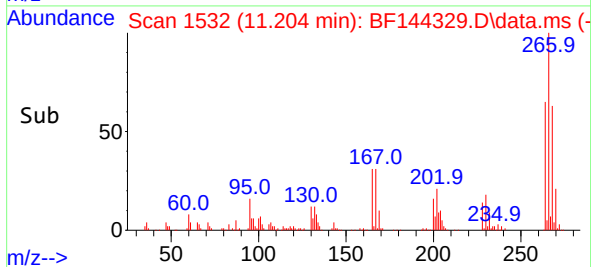
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

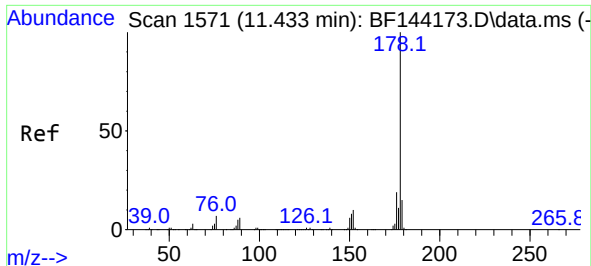


#70
Pentachlorophenol
Concen: 91.969 ng
RT: 11.204 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



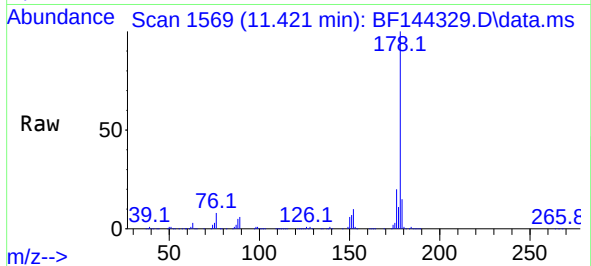
Tgt Ion:266 Resp: 130353
Ion Ratio Lower Upper
266 100
268 63.1 49.5 74.3
264 64.6 49.4 74.2





#71
Phenanthrene
Concen: 47.712 ng
RT: 11.421 min Scan# 11570
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

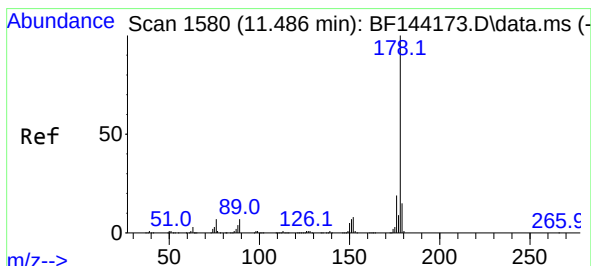
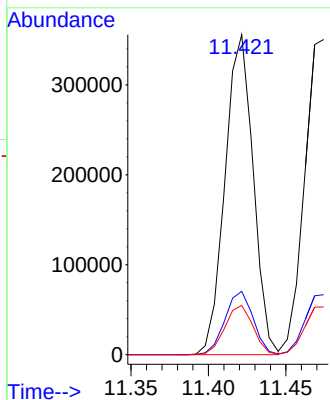
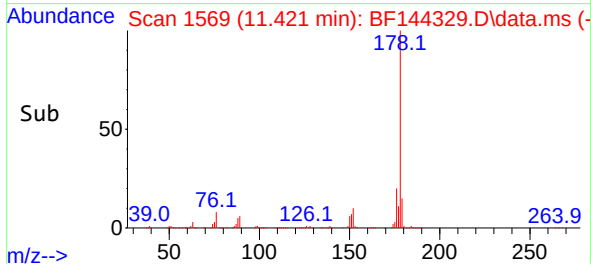
Instrument :
BNA_F
ClientSampleId :
V933MS



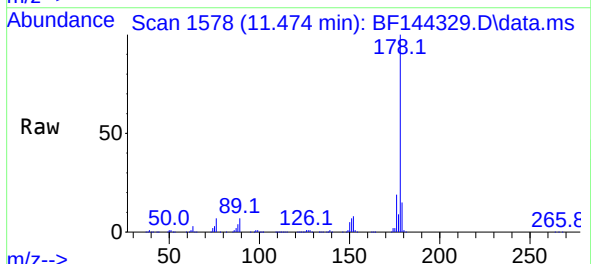
Tgt Ion:178 Resp: 449735
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.4 12.2 18.4

Manual Integrations
APPROVED

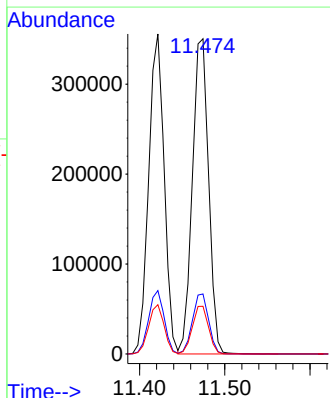
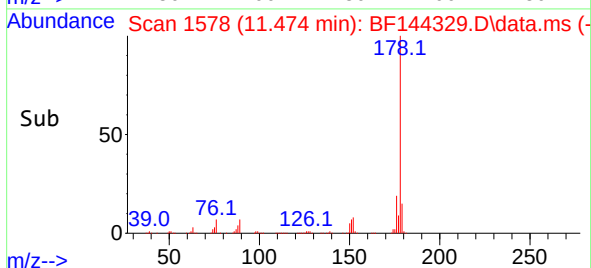
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

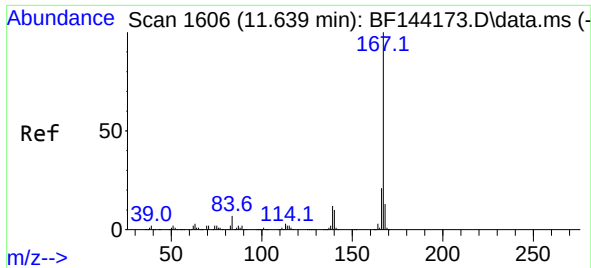


#72
Anthracene
Concen: 48.326 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



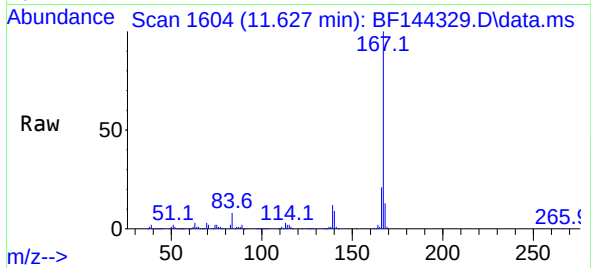
Tgt Ion:178 Resp: 463190
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.0 18.0





#73
 Carbazole
 Concen: 49.165 ng
 RT: 11.627 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144329.D
 Acq: 24 Nov 2025 17:48

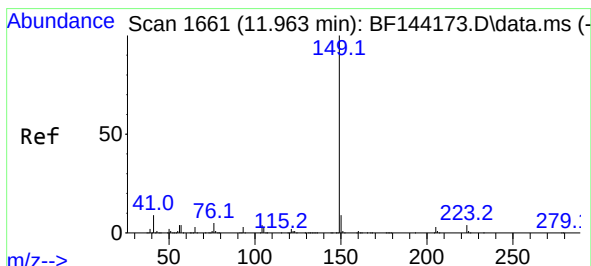
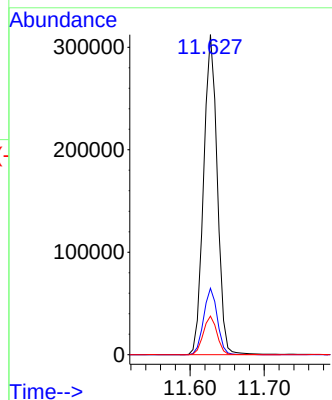
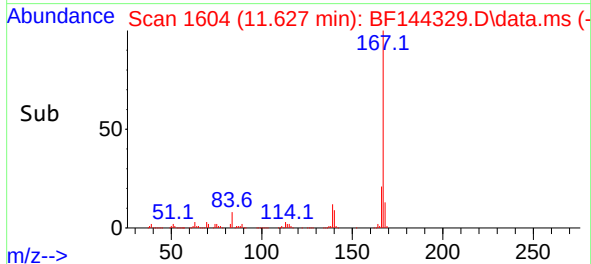
Instrument :
 BNA_F
 ClientSampleId :
 V933MS



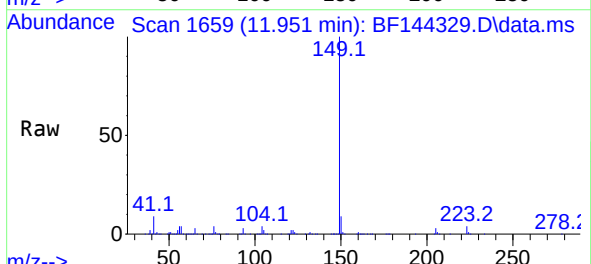
Tgt Ion:167 Resp: 40070
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.1 9.9 14.9

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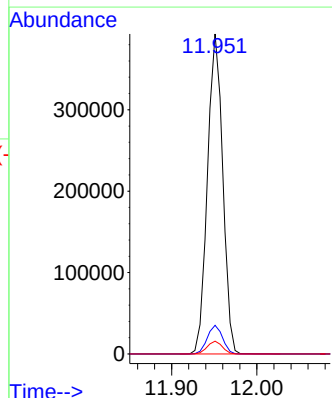
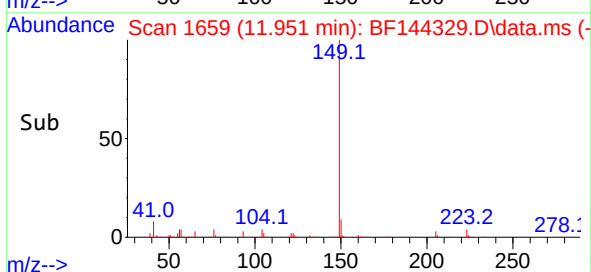
Reviewed By :Jagrut Upadhyay 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

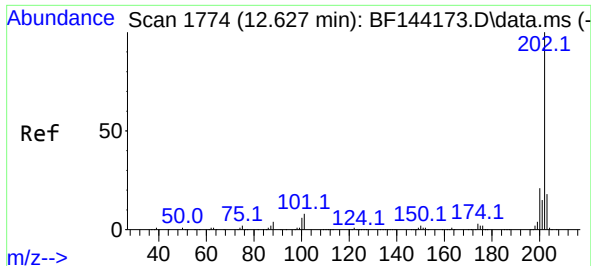


#74
 Di-n-butylphthalate
 Concen: 49.669 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144329.D
 Acq: 24 Nov 2025 17:48



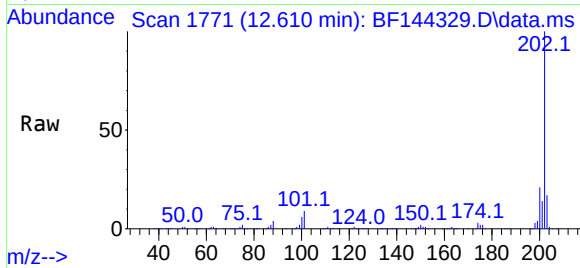
Tgt Ion:149 Resp: 489367
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.0 3.4 5.2





#75
Fluoranthene
Concen: 47.203 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

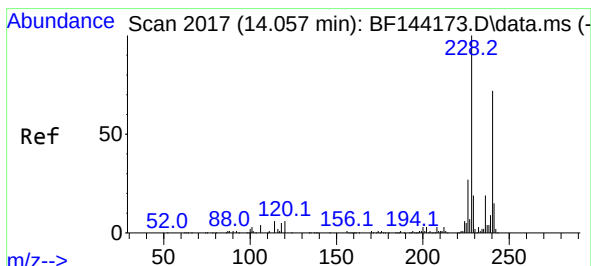
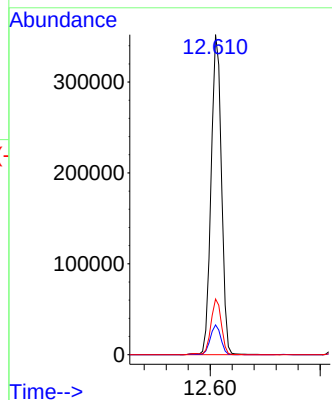
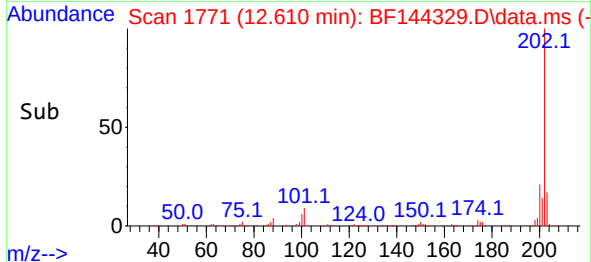
Instrument :
BNA_F
ClientSampleId :
V933MS



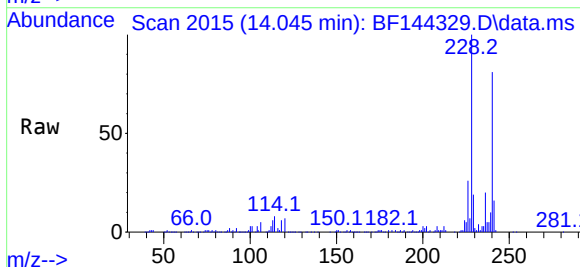
Tgt Ion:202 Resp: 45961
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.9
203 17.4 0.0 37.5

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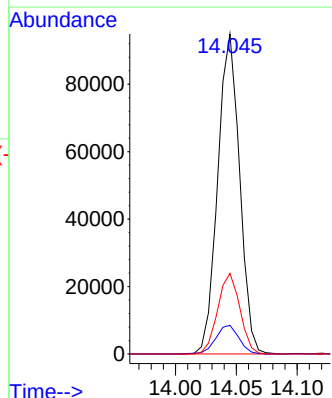
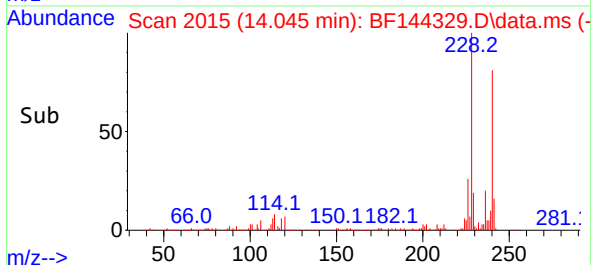
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

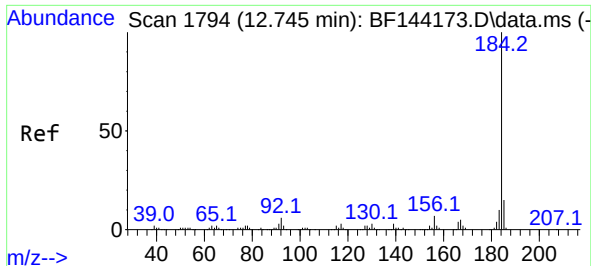


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



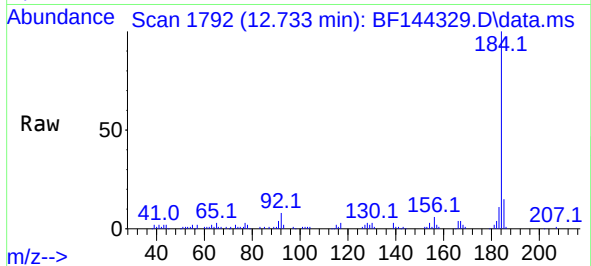
Tgt Ion:240 Resp: 118753
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.2 21.4 32.2





#77
Benzidine
Concen: 20.871 ng
RT: 12.733 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

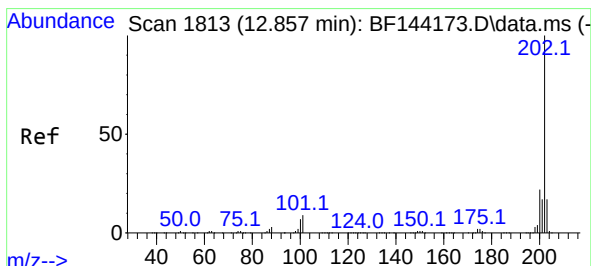
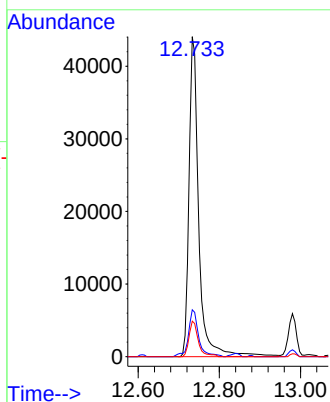
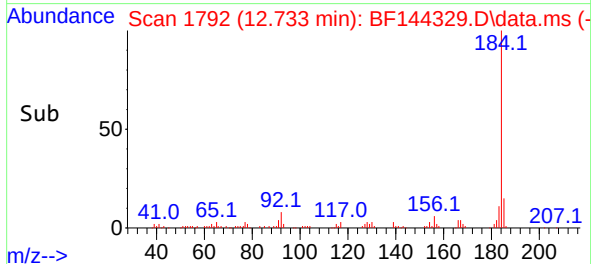
Instrument :
BNA_F
ClientSampleId :
V933MS



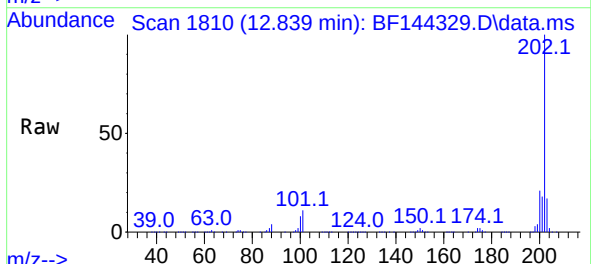
Tgt Ion:184 Resp: 7331
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.1 8.3 12.5

Manual Integrations
APPROVED

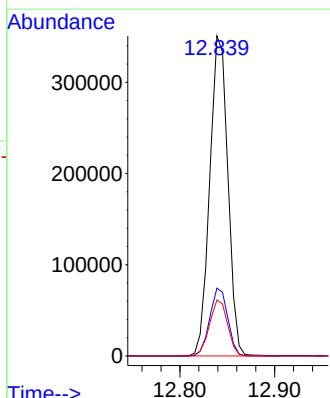
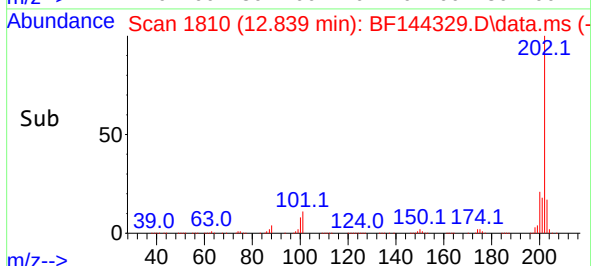
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

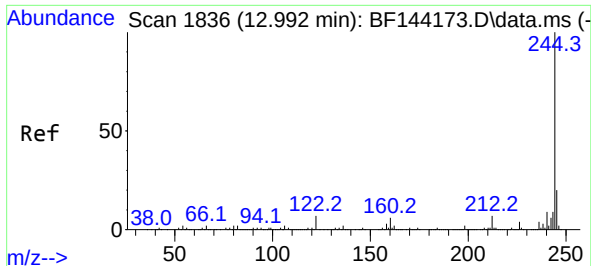


#78
Pyrene
Concen: 48.551 ng
RT: 12.839 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



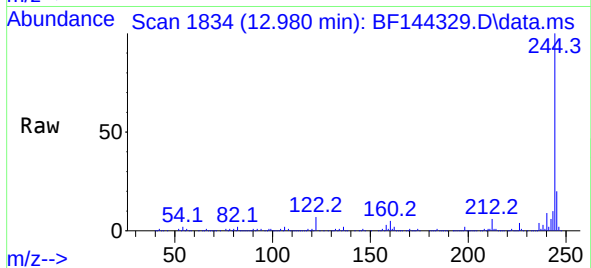
Tgt Ion:202 Resp: 464868
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.5 13.7 20.5





#79
Terphenyl-d14
Concen: 90.509 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

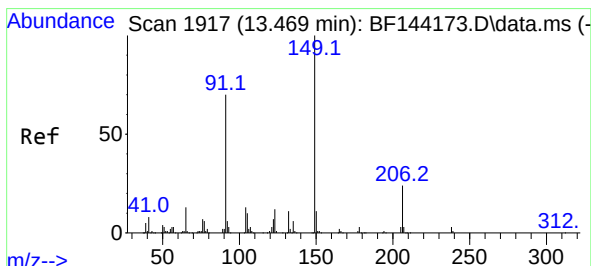
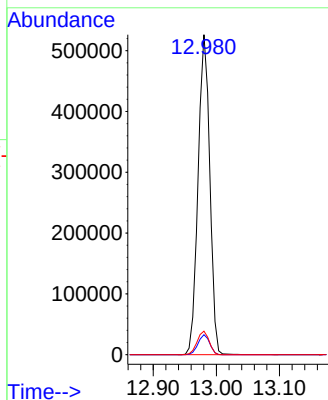
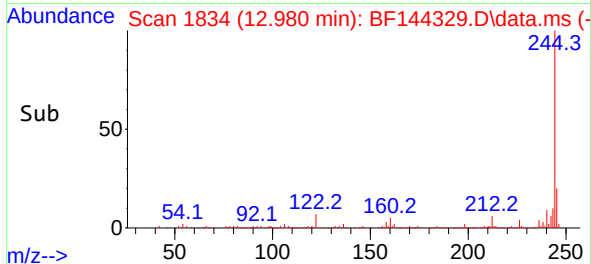
Instrument :
BNA_F
ClientSampleId :
V933MS



Tgt Ion:244 Resp: 67666
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 7.4 5.6 8.4

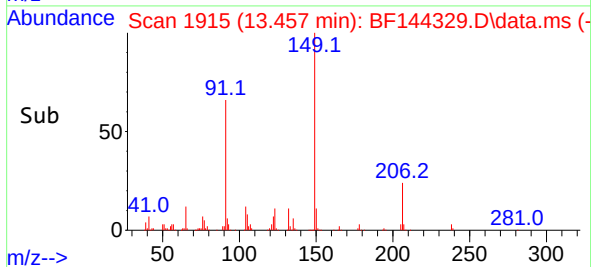
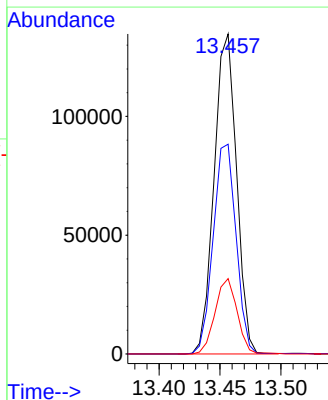
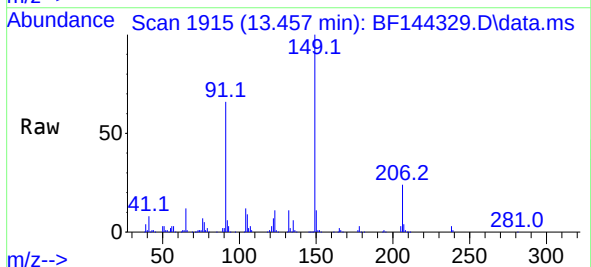
Manual Integrations
APPROVED

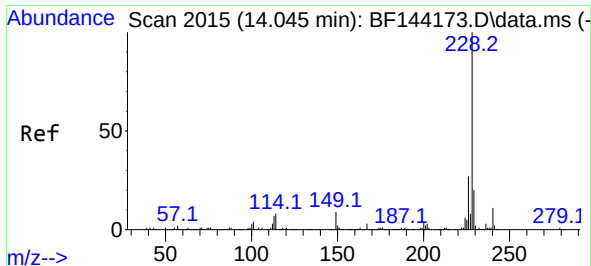
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025



#80
Butylbenzylphthalate
Concen: 52.132 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

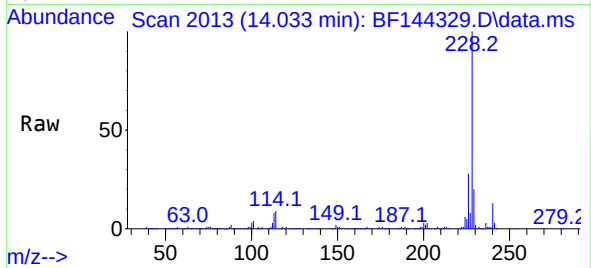
Tgt Ion:149 Resp: 173005
Ion Ratio Lower Upper
149 100
91 65.5 56.1 84.1
206 23.6 18.8 28.2





#81
Benzo(a)anthracene
Concen: 50.124 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

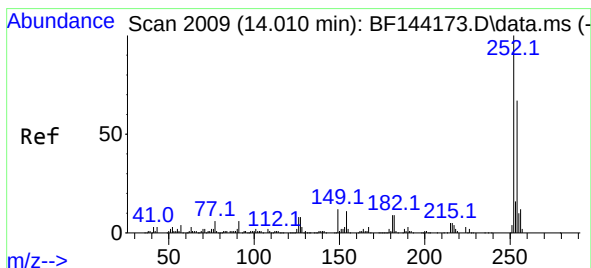
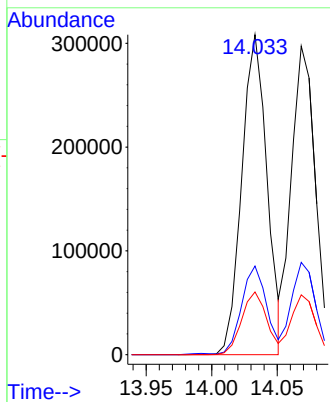
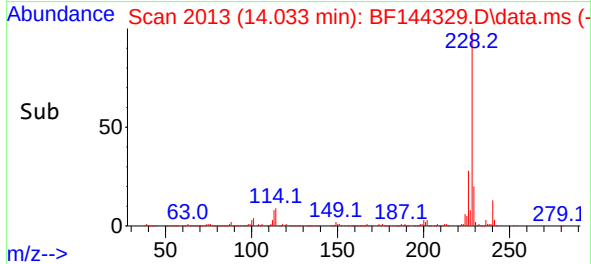
Instrument :
BNA_F
ClientSampleId :
V933MS



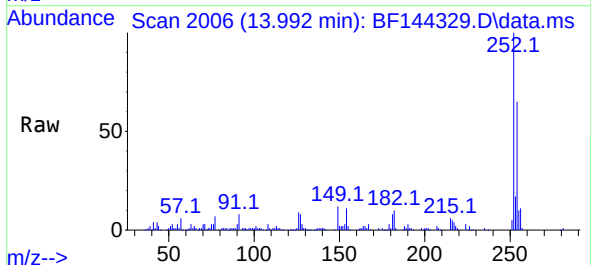
Tgt Ion:228 Resp: 41254
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations
APPROVED

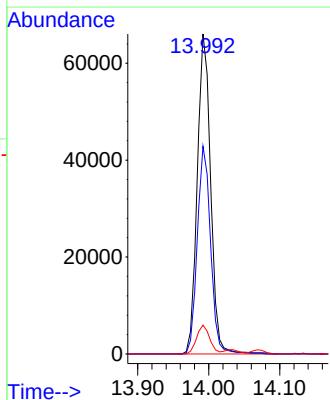
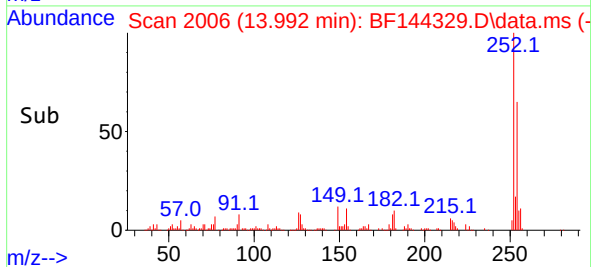
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

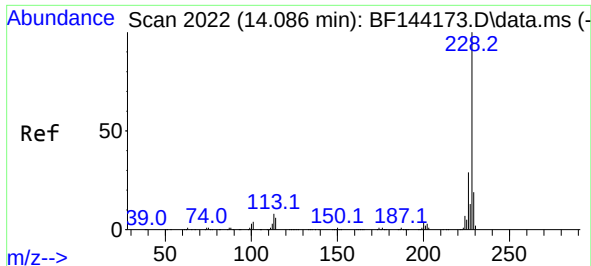


#82
3,3'-Dichlorobenzidine
Concen: 30.730 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



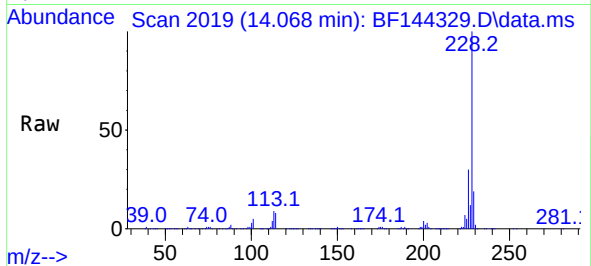
Tgt Ion:252 Resp: 86695
Ion Ratio Lower Upper
252 100
254 64.9 53.5 80.3
126 9.0 6.4 9.6





#83
Chrysene
Concen: 49.551 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

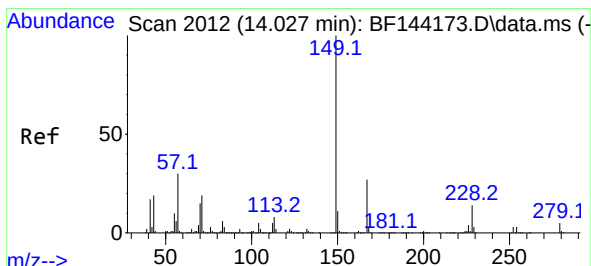
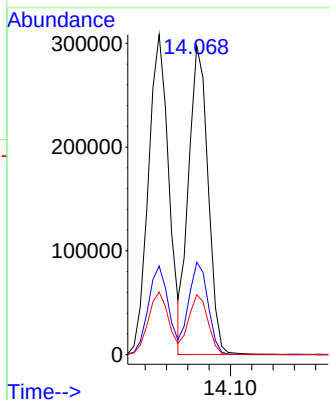
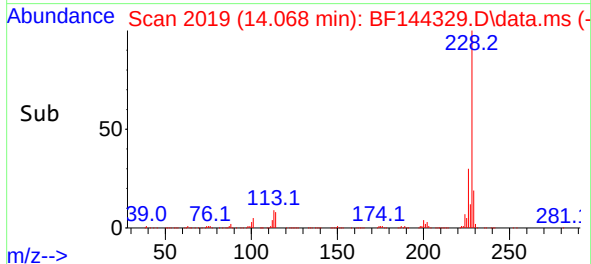
Instrument :
BNA_F
ClientSampleId :
V933MS



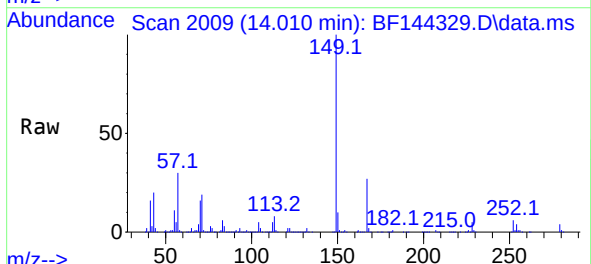
Tgt Ion:228 Resp: 376479
Ion Ratio Lower Upper
228 100
226 29.9 22.9 34.3
229 19.4 15.0 22.6

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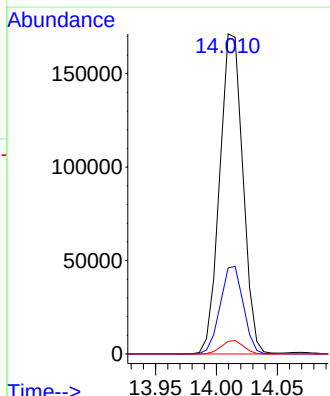
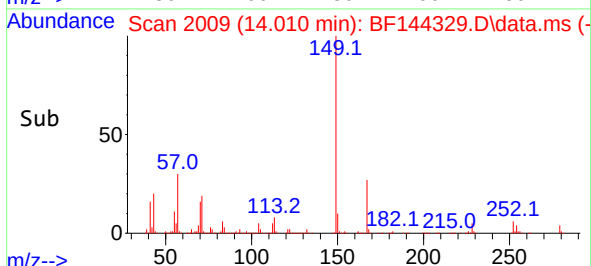
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

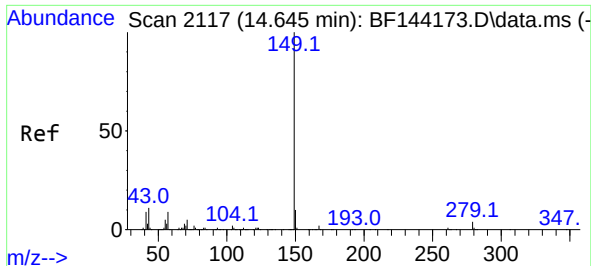


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.038 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



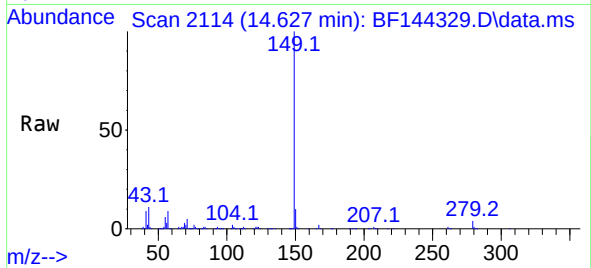
Tgt Ion:149 Resp: 227320
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.0 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 50.696 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

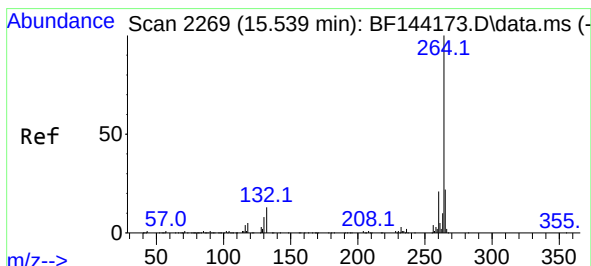
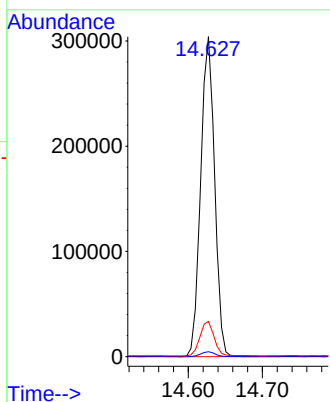
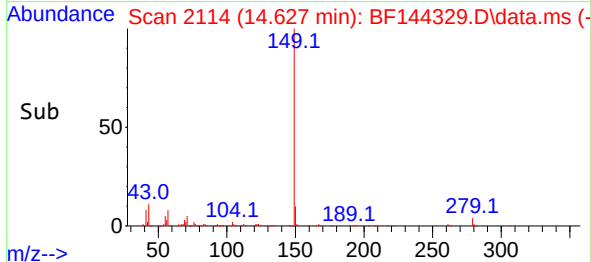
Instrument :
BNA_F
ClientSampleId :
V933MS



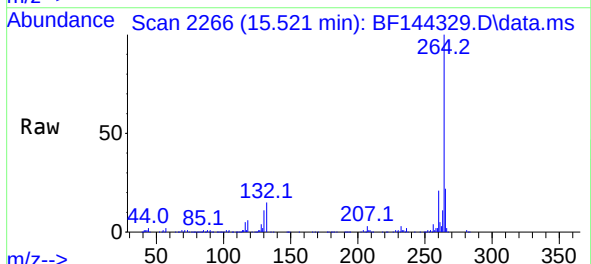
Tgt Ion:149 Resp: 397359
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.0 13.4

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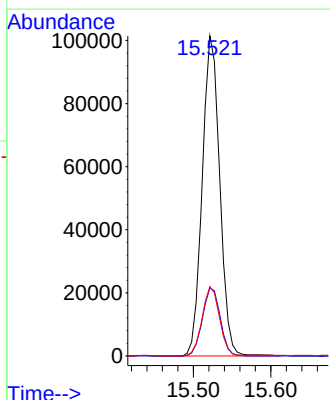
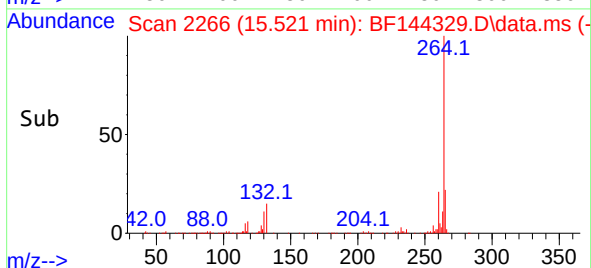
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

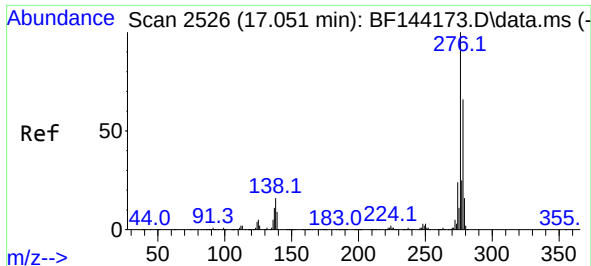


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



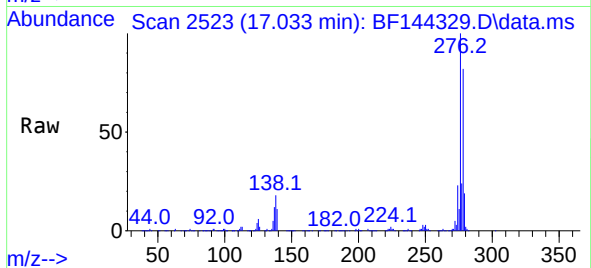
Tgt Ion:264 Resp: 159119
Ion Ratio Lower Upper
264 100
260 21.3 17.1 25.7
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.503 ng
RT: 17.033 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

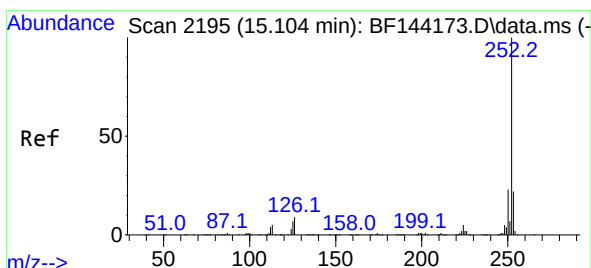
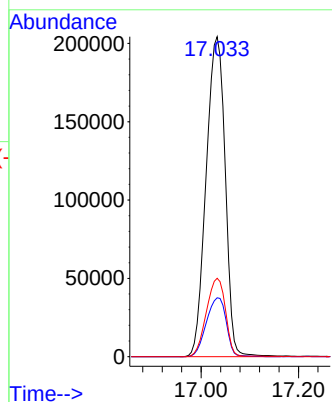
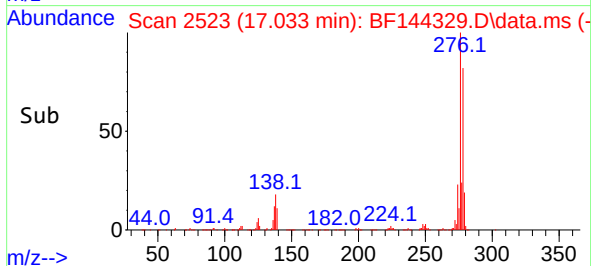
Instrument :
BNA_F
ClientSampleId :
V933MS



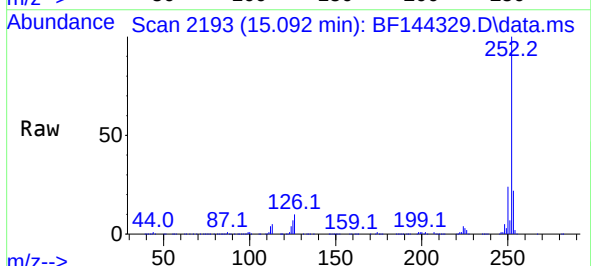
Tgt Ion:276 Resp: 554009
Ion Ratio Lower Upper
276 100
138 19.3 13.9 20.9
277 24.5 19.8 29.6

Manual Integrations
APPROVED

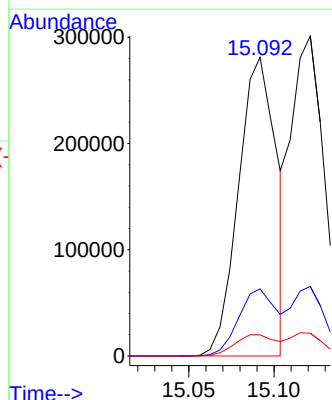
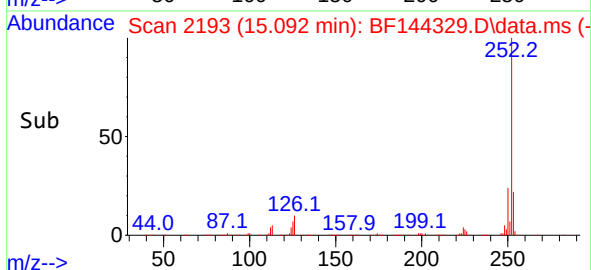
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

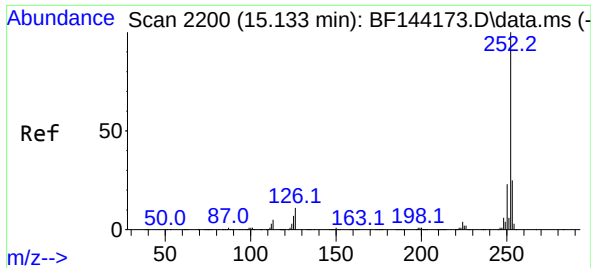


#88
Benzo(b)fluoranthene
Concen: 48.027 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



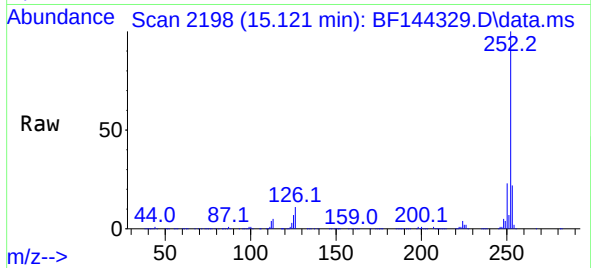
Tgt Ion:252 Resp: 434468
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 7.1 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 48.336 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

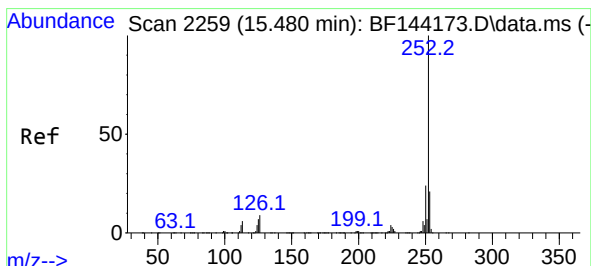
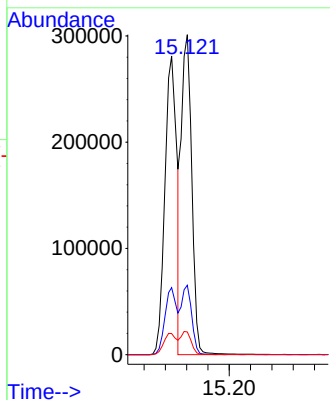
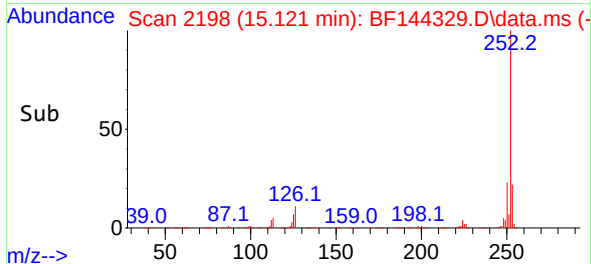
Instrument :
BNA_F
ClientSampleId :
V933MS



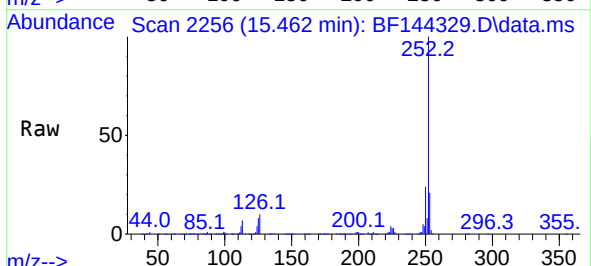
Tgt Ion:252 Resp: 409270
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 7.1 5.4 8.2

Manual Integrations
APPROVED

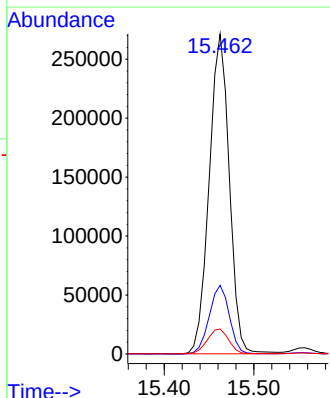
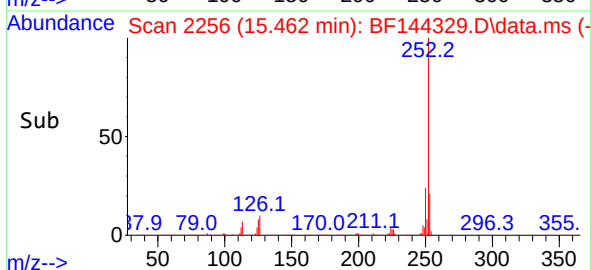
Reviewed By :Jagrut Upadhyay 11/25/2025
Supervised By :mohammad ahmed 11/26/2025

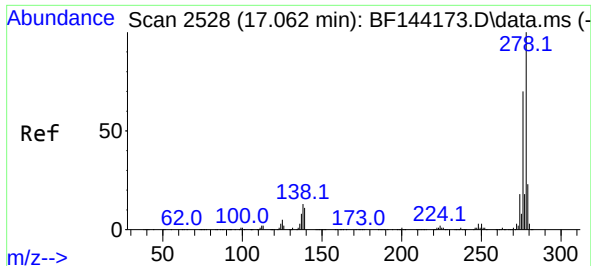


#90
Benzo(a)pyrene
Concen: 50.609 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



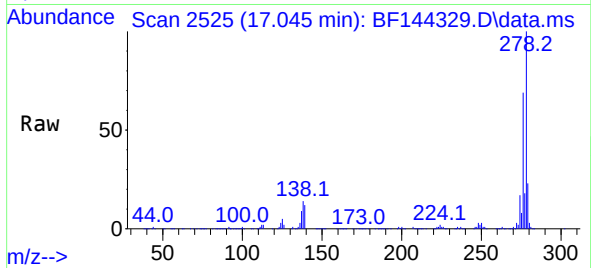
Tgt Ion:252 Resp: 422358
Ion Ratio Lower Upper
252 100
253 21.5 16.7 25.1
125 7.8 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 48.411 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48

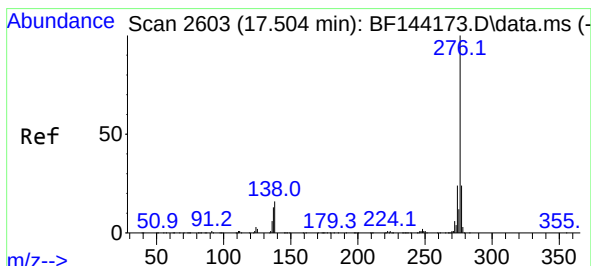
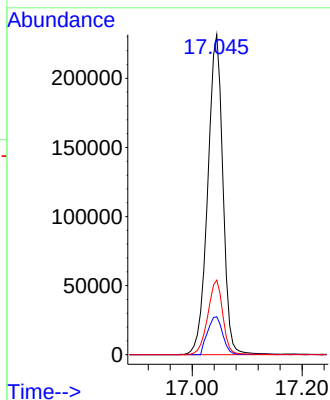
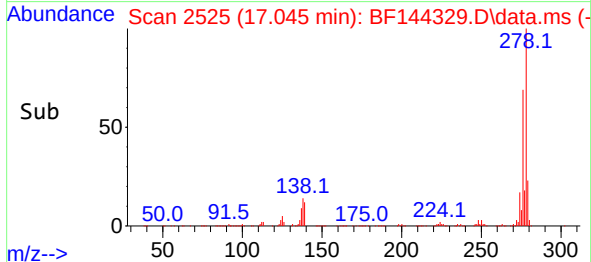
Instrument :
BNA_F
ClientSampleId :
V933MS



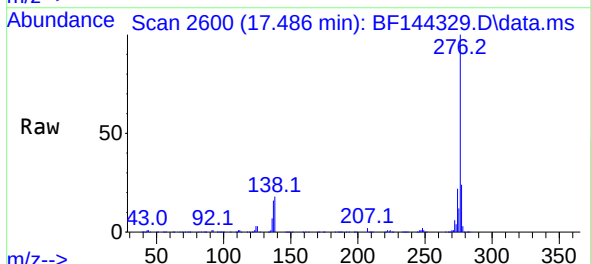
Tgt Ion:278 Resp: 444089
Ion Ratio Lower Upper
278 100
139 11.9 9.1 13.7
279 23.3 18.2 27.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.665 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.006 min
Lab File: BF144329.D
Acq: 24 Nov 2025 17:48



Tgt Ion:276 Resp: 458955
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 17.7 12.9 19.3

