

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
 Data File : BF144240.D
 Acq On : 12 Nov 2025 20:49
 Operator : RC/JU
 Sample : Q3604-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

Quant Time: Nov 13 10:43:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	39225	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	152960	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	88266	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	148585	20.000	ng	0.00
76) Chrysene-d12	14.045	240	75670	20.000	ng	0.00
86) Perylene-d12	15.527	264	90928	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	298289	119.002	ng	0.02
7) Phenol-d6	6.504	99	331524	116.727	ng	0.00
23) Nitrobenzene-d5	7.434	82	239393	90.391	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	143410	129.474	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	486866	81.466	ng	0.00
79) Terphenyl-d14	12.986	244	469575	98.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	44733	43.166	ng	# 78
3) Pyridine	3.534	79	98807	34.176	ng	98
4) n-Nitrosodimethylamine	3.475	42	76555	50.693	ng	96
6) Aniline	6.540	93	29891	7.387	ng	# 77
8) 2-Chlorophenol	6.657	128	117958	47.986	ng	99
9) Benzaldehyde	6.422	77	51565	32.152	ng	98
10) Phenol	6.522	94	138958	40.045	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	124118	49.087	ng	96
12) 1,3-Dichlorobenzene	6.810	146	136946	45.147	ng	98
13) 1,4-Dichlorobenzene	6.887	146	138722	45.649	ng	100
14) 1,2-Dichlorobenzene	7.039	146	132363	45.443	ng	100
15) Benzyl Alcohol	7.016	79	107782	47.926	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	238394	51.198	ng	90
17) 2-Methylphenol	7.122	107	94735	48.444	ng	99
18) Hexachloroethane	7.381	117	45373	44.941	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	90551	48.431	ng	94
20) 3+4-Methylphenols	7.281	107	107360	46.572	ng	# 85
22) Acetophenone	7.281	105	153531	46.789	ng	96
24) Nitrobenzene	7.451	77	138165	48.048	ng	99
25) Isophorone	7.692	82	250287	49.962	ng	100
26) 2-Nitrophenol	7.769	139	70160	49.288	ng	97
27) 2,4-Dimethylphenol	7.804	122	113828	53.352	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	154372	49.347	ng	98
29) 2,4-Dichlorophenol	8.010	162	112429	45.721	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	116972	46.324	ng	98
31) Naphthalene	8.175	128	325916	44.792	ng	100
32) Benzoic acid	7.939	122	77462	49.531	ng	94
33) 4-Chloroaniline	8.228	127	14102	5.314	ng	98
34) Hexachlorobutadiene	8.286	225	82411	43.306	ng	99
35) Caprolactam	8.598	113	30944m	45.931	ng	
36) 4-Chloro-3-methylphenol	8.710	107	107414	48.740	ng	99
37) 2-Methylnaphthalene	8.863	142	211225	43.419	ng	99
38) 1-Methylnaphthalene	8.963	142	212697	45.313	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	124668	43.097	ng	# 99
41) Hexachlorocyclopentadiene	9.016	237	120878	98.183	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	91425	46.435	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	95396	44.956	ng	100
46) 1,1'-Biphenyl	9.328	154	285308	46.307	ng	100
47) 2-Chloronaphthalene	9.357	162	234474	44.614	ng	100
48) 2-Nitroaniline	9.451	65	74562	49.170	ng	98
49) Acenaphthylene	9.769	152	367687	51.339	ng	99
50) Dimethylphthalate	9.633	163	292649	50.047	ng	99
51) 2,6-Dinitrotoluene	9.692	165	61109	51.625	ng	98
52) Acenaphthene	9.945	154	204139	42.624	ng	98
53) 3-Nitroaniline	9.863	138	10133	7.831	ng	# 98
54) 2,4-Dinitrophenol	9.975	184	70440	98.546	ng	95
55) Dibenzofuran	10.116	168	298065	44.437	ng	98
56) 4-Nitrophenol	10.033	139	73736	78.776	ng	95
57) 2,4-Dinitrotoluene	10.104	165	78857	49.764	ng	92
58) Fluorene	10.463	166	233867	45.858	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	73718	49.102	ng	96
60) Diethylphthalate	10.333	149	271081	50.289	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	130121	44.792	ng	98
62) 4-Nitroaniline	10.480	138	45864	37.219	ng	96
63) Azobenzene	10.610	77	257157	51.260	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	50060	49.594	ng	98
66) n-Nitrosodiphenylamine	10.569	169	224095	46.893	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	88117	46.462	ng	97
68) Hexachlorobenzene	11.010	284	104447	46.756	ng	97
69) Atrazine	11.098	200	62022	40.809	ng	99
70) Pentachlorophenol	11.204	266	107096	96.276	ng	98
71) Phenanthrene	11.427	178	347083	46.917	ng	100
72) Anthracene	11.474	178	357314	47.500	ng	99
73) Carbazole	11.633	167	287835	44.999	ng	99
74) Di-n-butylphthalate	11.957	149	393967	50.949	ng	99
75) Fluoranthene	12.616	202	338186	44.254	ng	99
78) Pyrene	12.845	202	329016	53.926	ng	100
80) Butylbenzylphthalate	13.463	149	126138	59.651	ng	99
81) Benzo(a)anthracene	14.039	228	262690	50.089	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	9064	5.042	ng	# 96
83) Chrysene	14.074	228	234037	48.341	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	161561	55.811	ng	98
85) Di-n-octyl phthalate	14.633	149	238121	47.677	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	308388	47.247	ng	98
88) Benzo(b)fluoranthene	15.092	252	275332	53.261	ng	99
89) Benzo(k)fluoranthene	15.127	252	246476	50.940	ng	98
90) Benzo(a)pyrene	15.468	252	250944	52.620	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	256609	48.952	ng	99
92) Benzo(g,h,i)perylene	17.480	276	247582	47.827	ng	96

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

Manual Integrations

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Abundance

TIC: BF144240.D\data.ms

Time-->

1,4-Dioxane

N,N-dimethylamine,

2-Fluorophenol,S

Benzaldehyde

Aniline

bis(2-chlorophenyl)ether

1,4-Dichlorobenzene,C

Benzaldehyde

2-Nitrophenol,S

Hexachlorobenzene-d5,S

2-Nitrophenol,S

Benzoic acid

2,3-Dichlorobenzene

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2,4-Dichlorobenzene,P

2-Fluorobiphenyl,S

2-Nitroaniline

2,6-Dichlorophthalate

2-Nitroaniline

2,3,4-Trichlorobenzene

4-Nitrophenyl-phenylether

2,4,6-Trichlorophenol,S

4-Bromophenyl-phenylether

Atrazine

Pentachlorophenol,C

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Terphenyl-d14,S

Butylbenzylphthalate

3,3-Dichlorobenzidine

Di-n-octyl phthalate,c

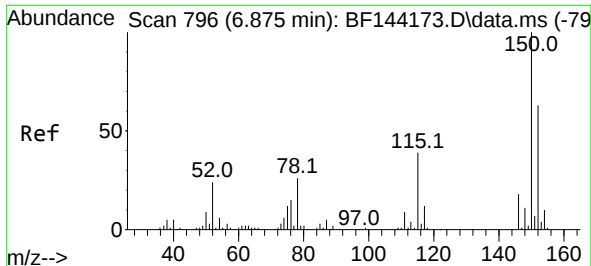
Benzo(a)fluoranthene

Benzo(a)pyrene,C

Perylene-d10

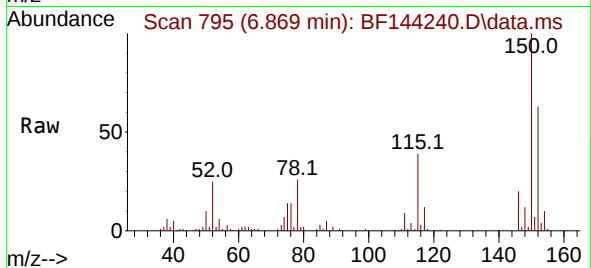
Indene(1,2,3-b)pyrene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

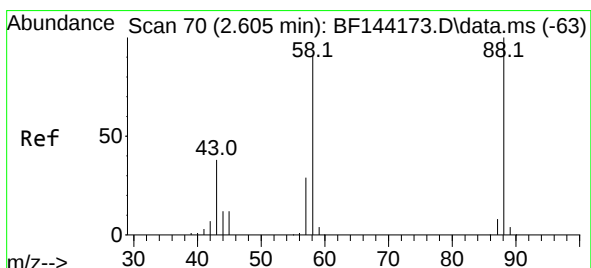
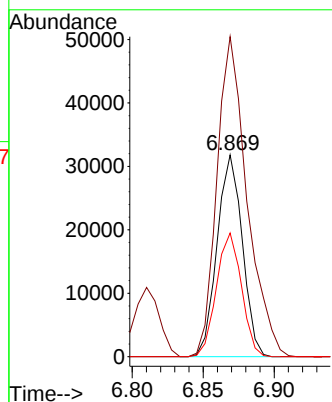
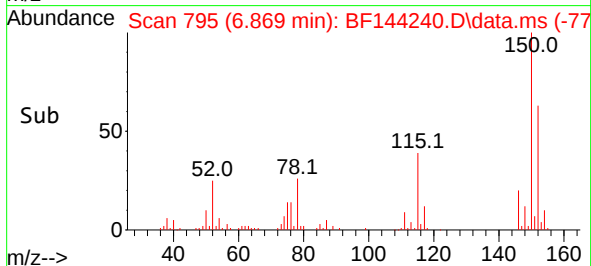
Instrument :
BNA_F
ClientSampleId :
S-1MSD



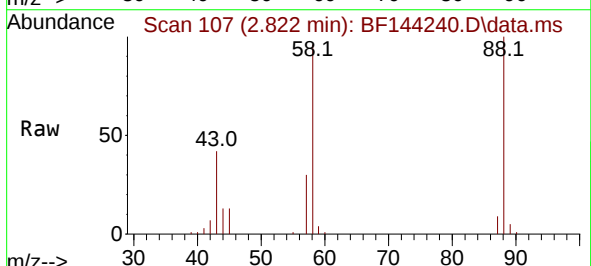
Tgt Ion:152 Resp: 39225
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 61.3 49.5 74.3

Manual Integrations
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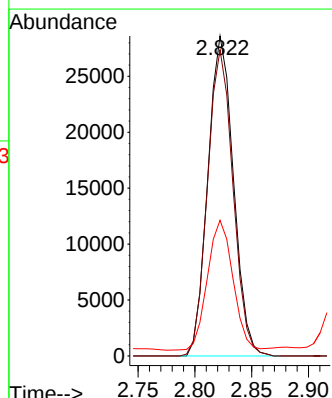
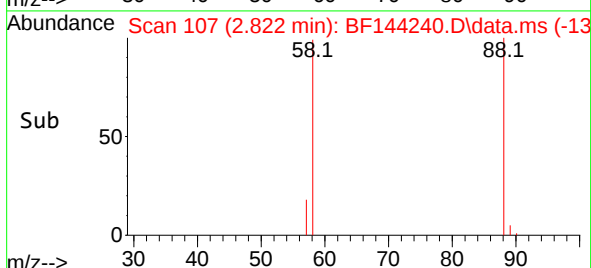
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

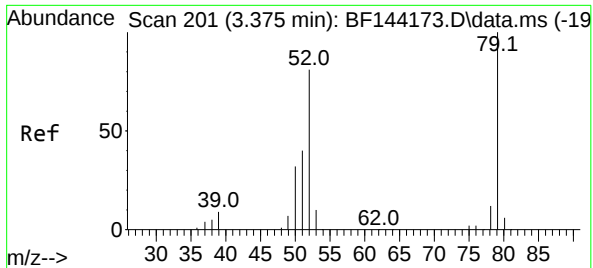


#2
1,4-Dioxane
Concen: 43.166 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.206 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion: 88 Resp: 44733
Ion Ratio Lower Upper
88 100
58 95.4 73.1 109.7
43 0.0 31.0 46.6





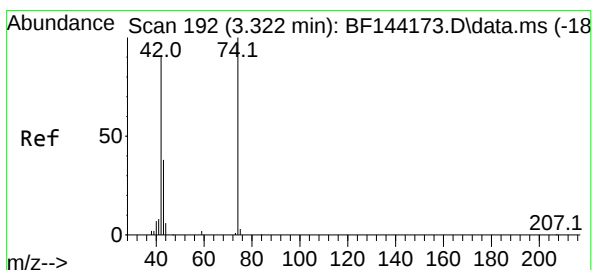
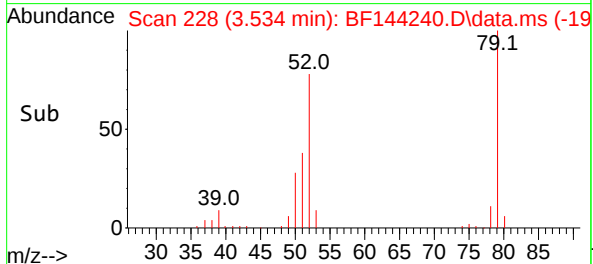
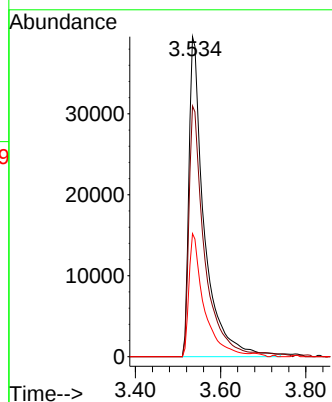
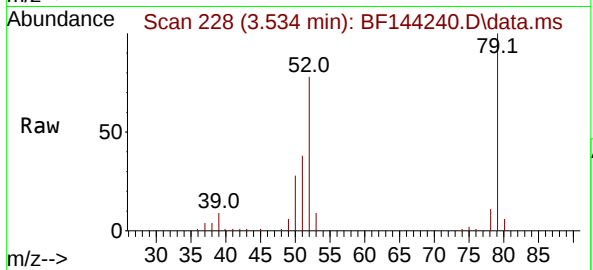
#3
Pyridine
Concen: 34.176 ng
RT: 3.534 min Scan# 218
Delta R.T. 0.123 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion: 79	Resp: 9880
Ion Ratio	Lower Upper
79	100
52	78.3 64.5 96.7
51	38.5 31.7 47.5

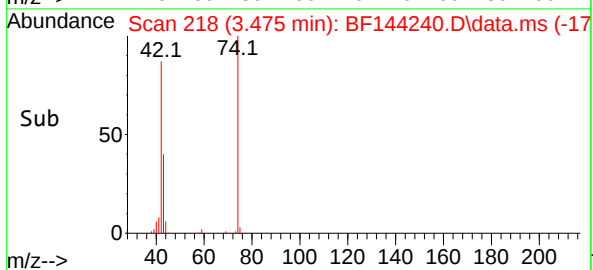
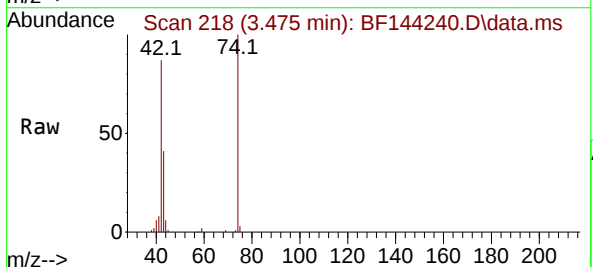
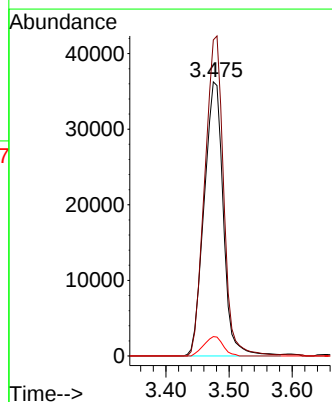
Manual Integrations
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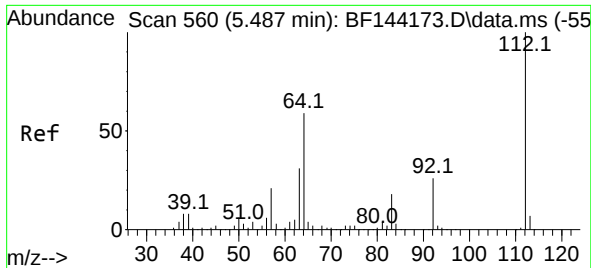
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 50.693 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.129 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion: 42	Resp: 76555
Ion Ratio	Lower Upper
42	100
74	115.3 88.2 132.4
44	7.1 5.7 8.5





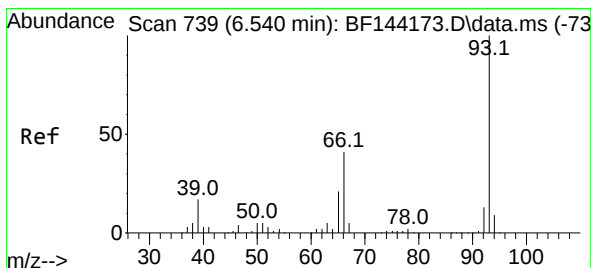
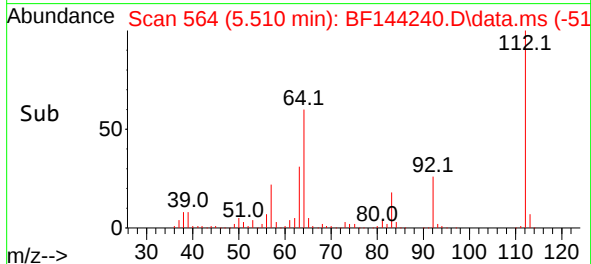
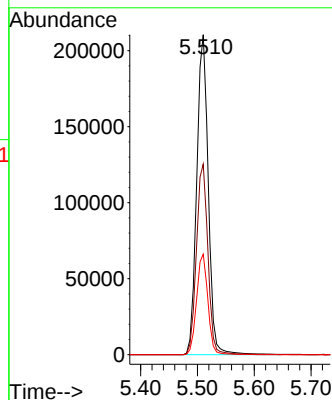
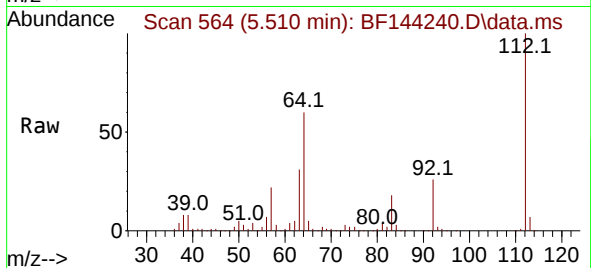
#5
2-Fluorophenol
Concen: 119.002 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:112 Resp: 298289
Ion Ratio Lower Upper
112 100
64 59.6 47.2 70.8
63 31.4 24.4 36.6

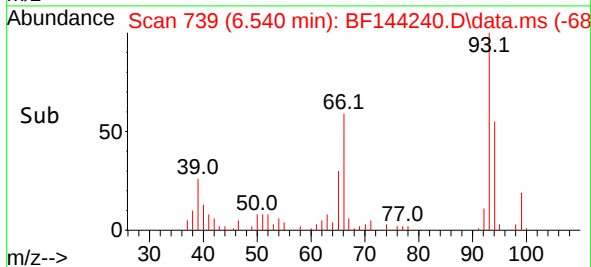
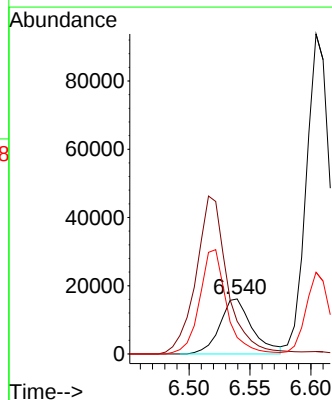
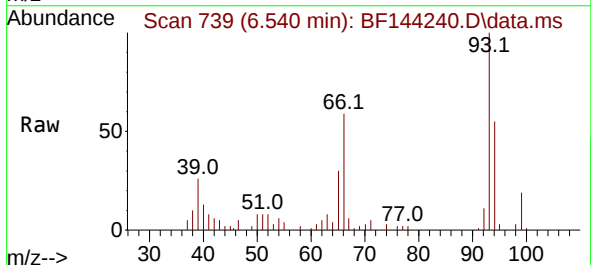
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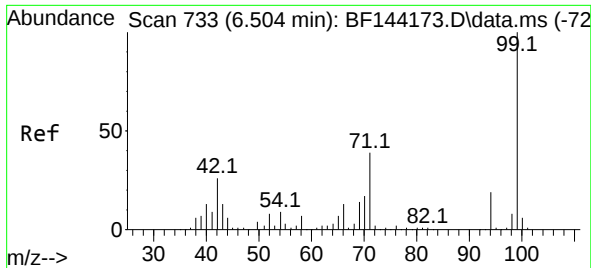
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#6
Aniline
Concen: 7.387 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

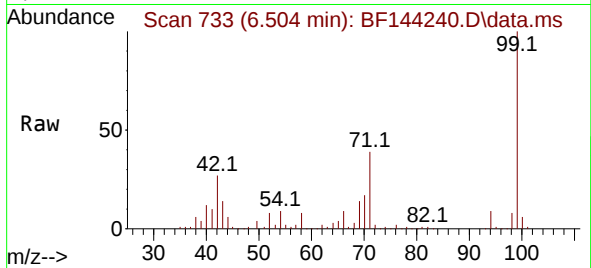
Tgt Ion: 93 Resp: 29891
Ion Ratio Lower Upper
93 100
66 59.2 34.3 51.5#
65 30.0 16.9 25.3#





#7
Phenol-d6
Concen: 116.727 ng
RT: 6.504 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

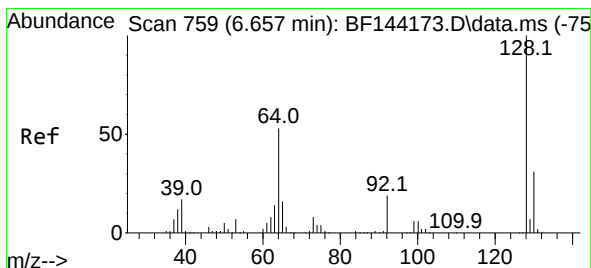
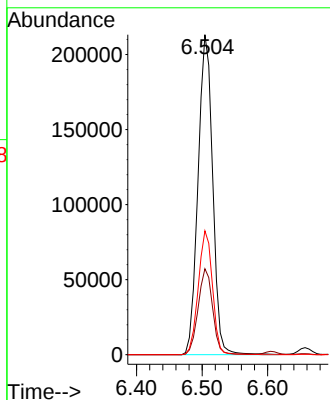
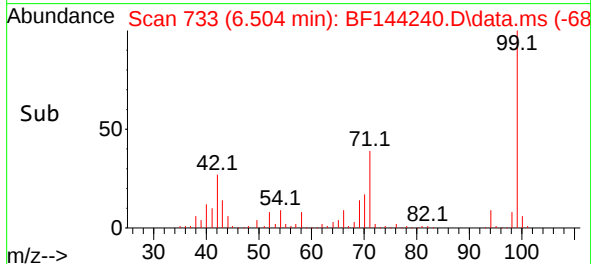
Instrument :
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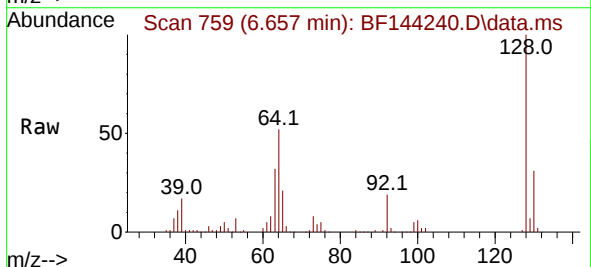
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Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 38.7 31.4 47.2

Manual Integrations
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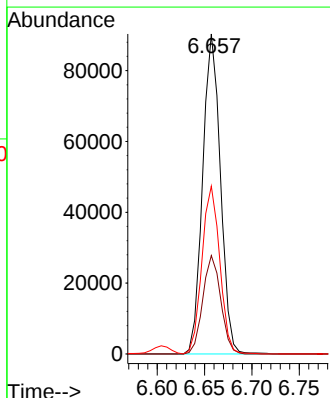
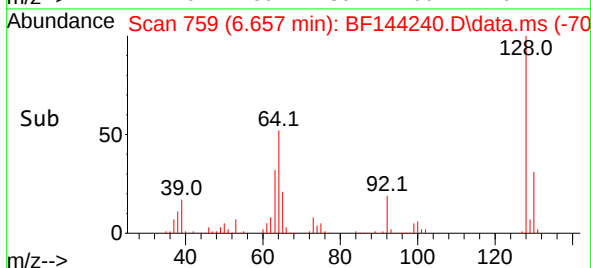
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

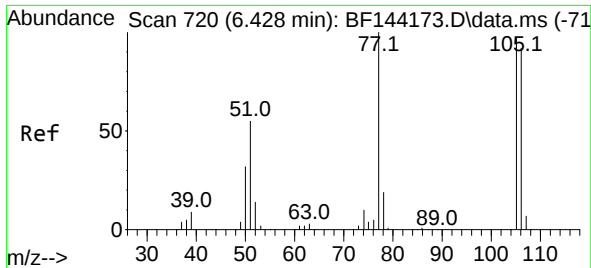


#8
2-Chlorophenol
Concen: 47.986 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:128 Resp: 117958
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 52.4 33.2 73.2





#9

Benzaldehyde

Concen: 32.152 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

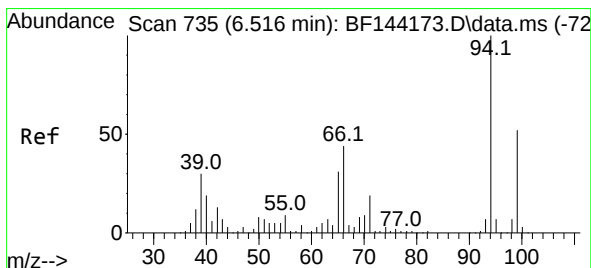
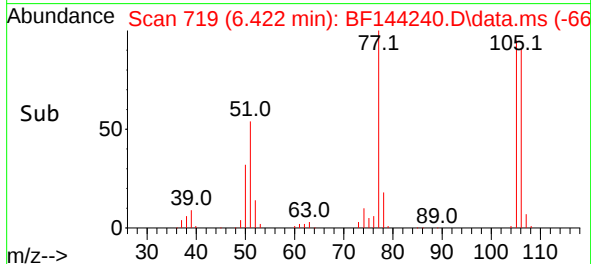
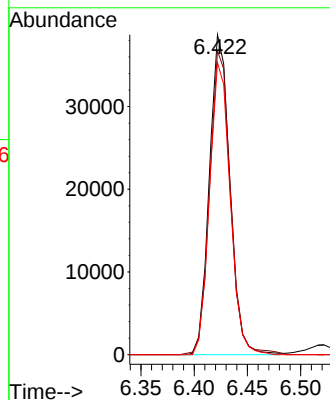
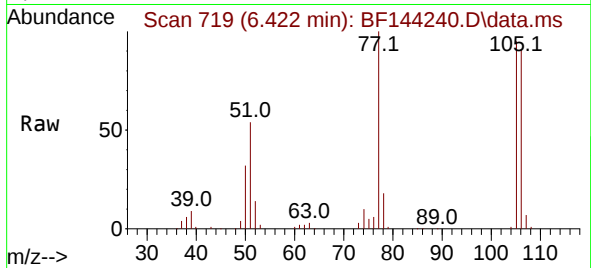
S-1MSD

Tgt Ion: 77	Resp: 5156
Ion Ratio	Lower Upper
77 100	
105 94.9	77.2 117.2
106 91.3	72.2 112.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#10

Phenol

Concen: 40.045 ng

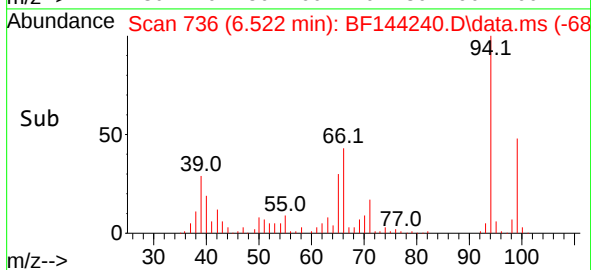
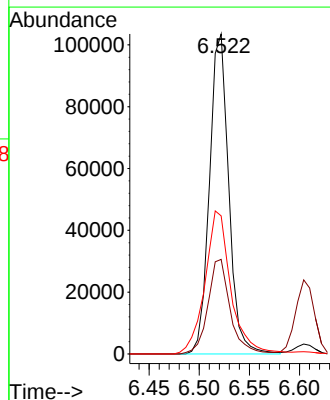
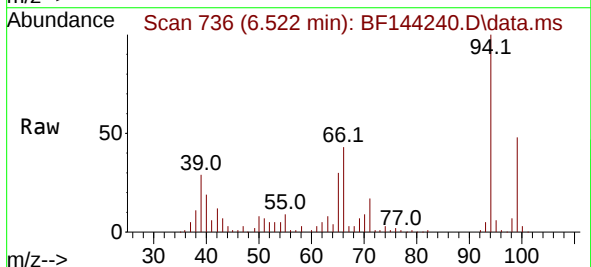
RT: 6.522 min Scan# 736

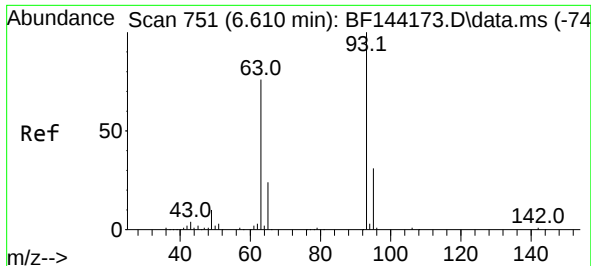
Delta R.T. 0.012 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Tgt Ion: 94	Resp: 138958
Ion Ratio	Lower Upper
94 100	
65 29.5	10.8 50.8
66 43.2	24.3 64.3





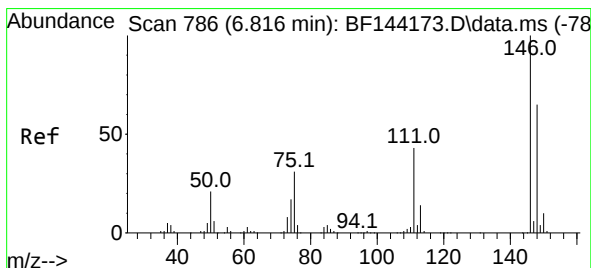
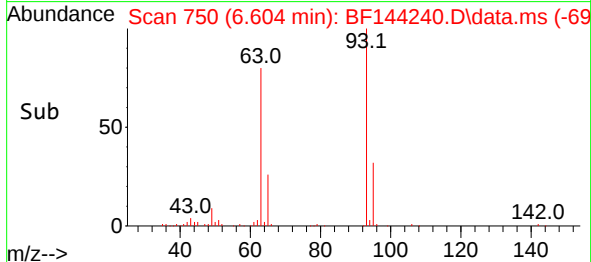
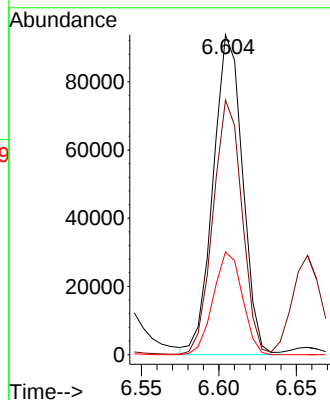
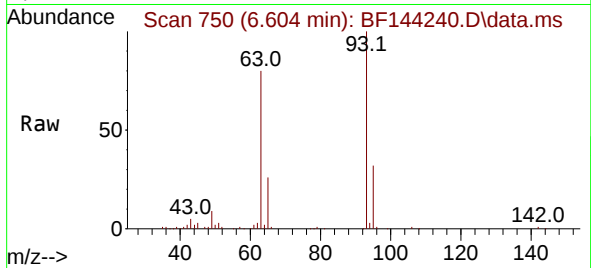
#11
bis(2-Chloroethyl)ether
Concen: 49.087 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion: 93 Resp: 124118
Ion Ratio Lower Upper
93 100
63 79.6 55.2 95.2
95 32.1 11.2 51.2

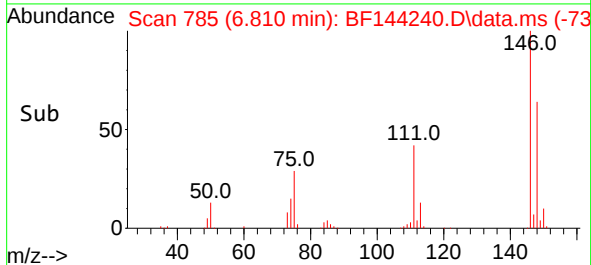
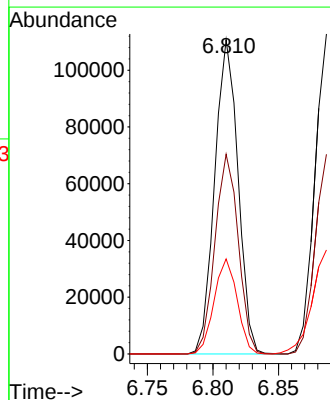
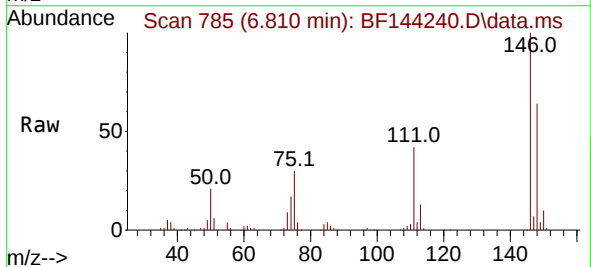
Manual Integrations
APPROVED

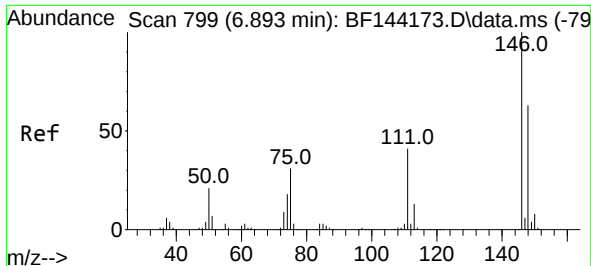
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 45.147 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion:146 Resp: 136946
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 30.2 25.0 37.4





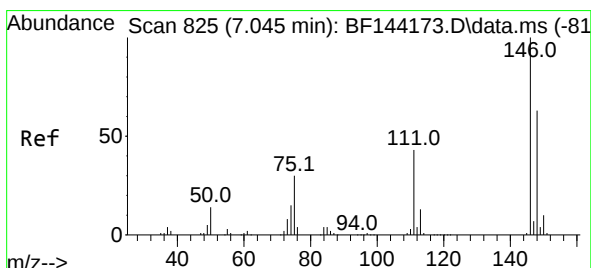
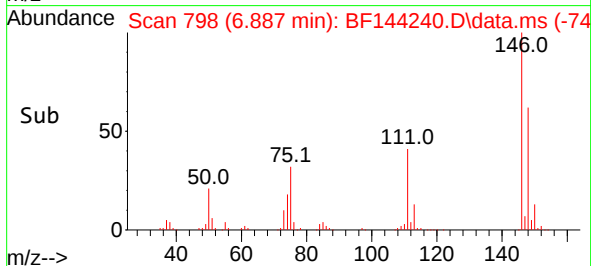
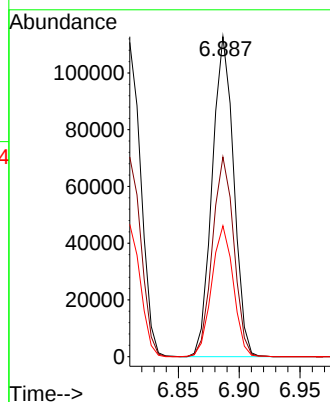
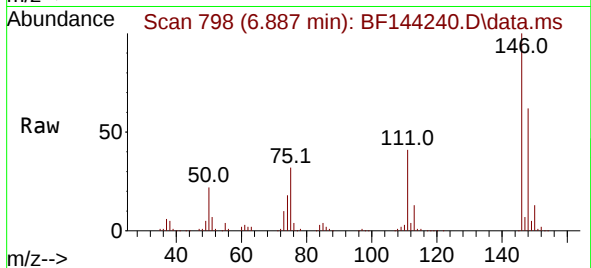
#13
1,4-Dichlorobenzene
Concen: 45.649 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:146 Resp: 138722
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.2
111 40.9 32.6 48.8

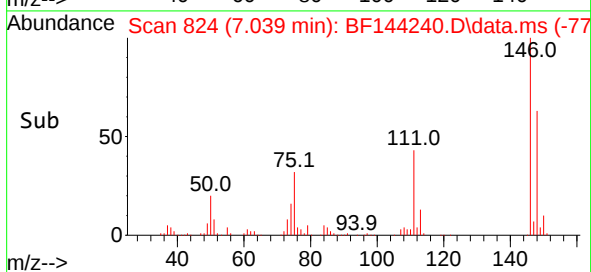
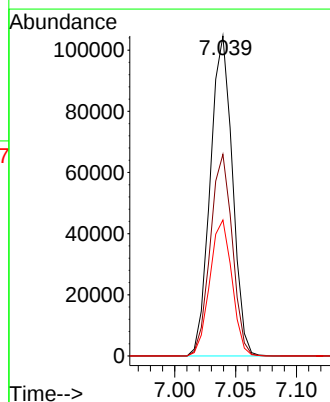
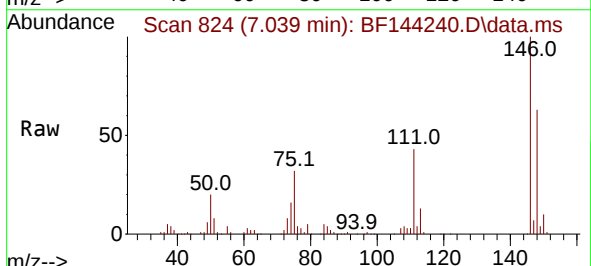
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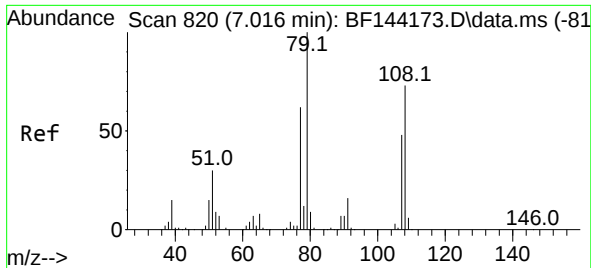
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 45.443 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion:146 Resp: 132363
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 42.5 34.2 51.4





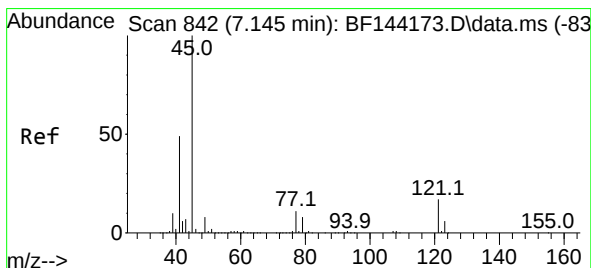
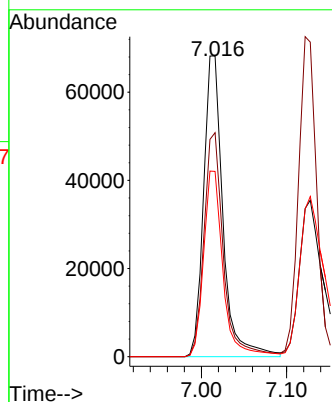
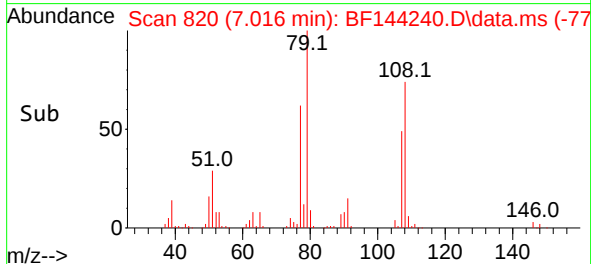
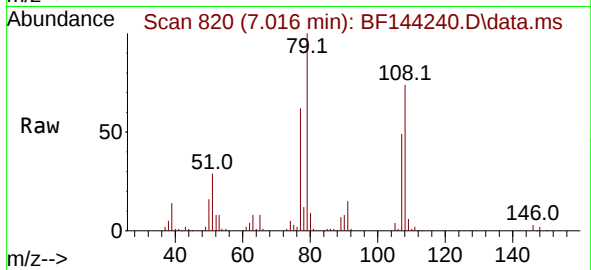
#15
Benzyl Alcohol
Concen: 47.926 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion: 79 Resp: 10778
Ion Ratio Lower Upper
79 100
108 74.5 58.2 87.4
77 61.6 49.9 74.9

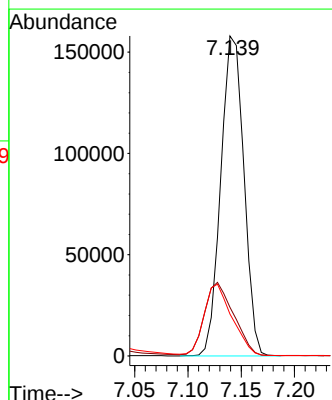
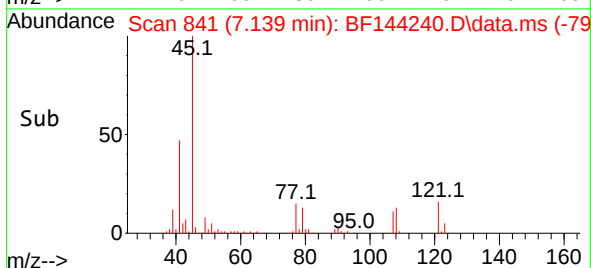
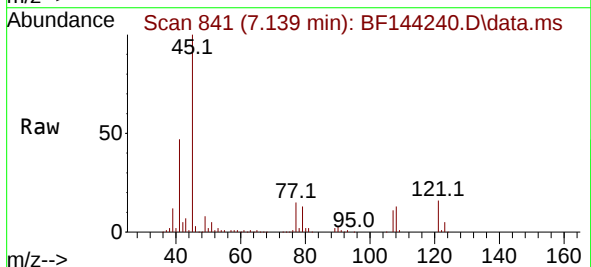
Manual Integrations
APPROVED

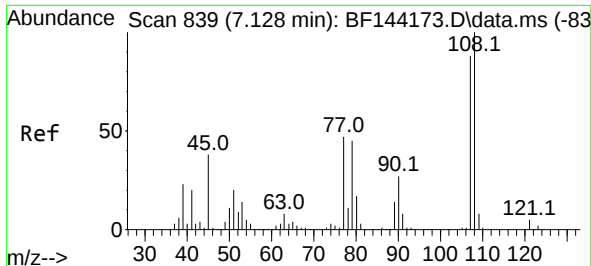
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.198 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

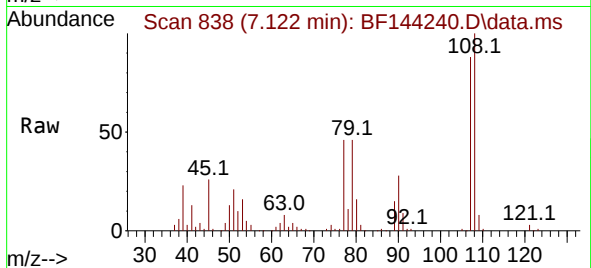
Tgt Ion: 45 Resp: 238394
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 13.1 0.0 29.1





#17
2-Methylphenol
Concen: 48.444 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

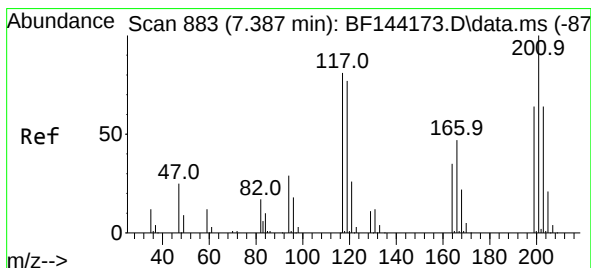
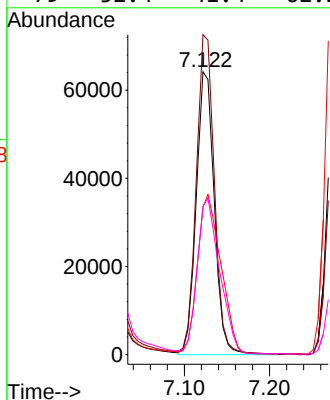
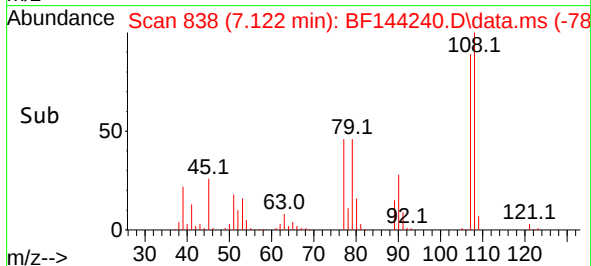
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:107 Resp: 9473
Ion Ratio Lower Upper
107 100
108 113.1 91.0 136.4
77 52.2 42.7 64.1
79 52.4 41.4 62.2

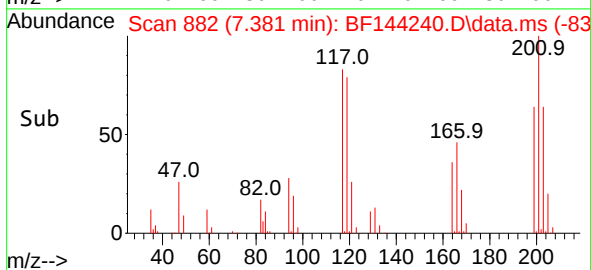
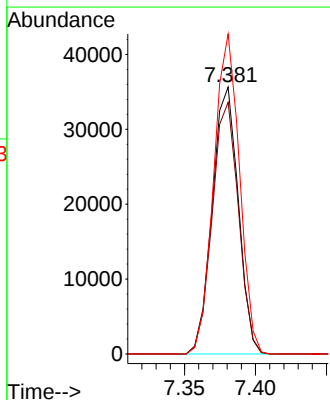
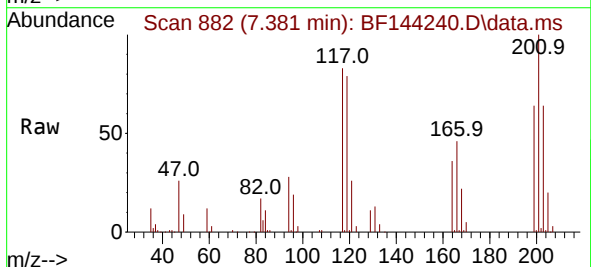
Manual Integrations
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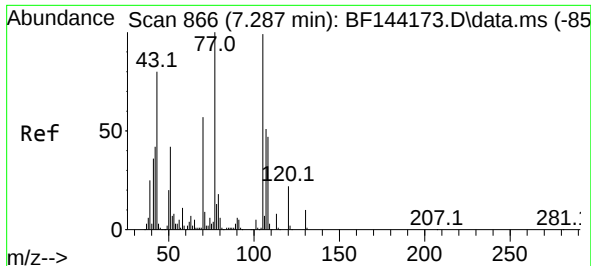
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#18
Hexachloroethane
Concen: 44.941 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

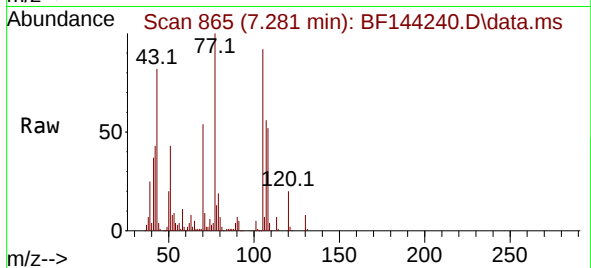
Tgt Ion:117 Resp: 45373
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 119.9 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 48.431 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

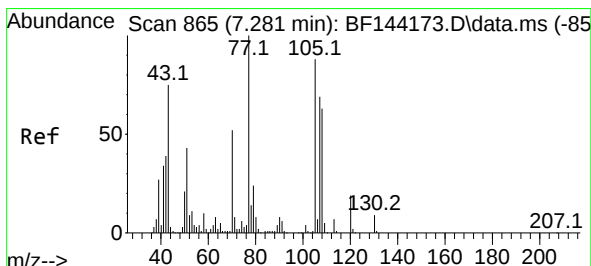
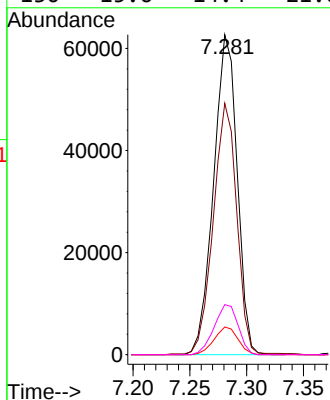
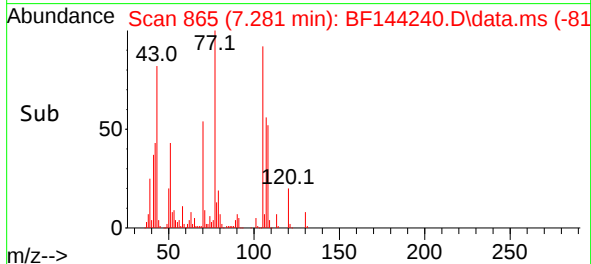
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion: 70 Resp: 9055
Ion Ratio Lower Upper
70 100
42 78.6 58.3 87.5
101 8.6 7.0 10.6
130 15.6 14.4 21.6

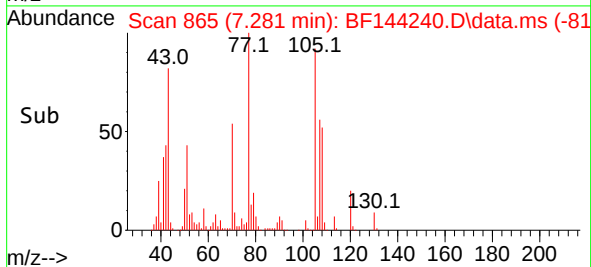
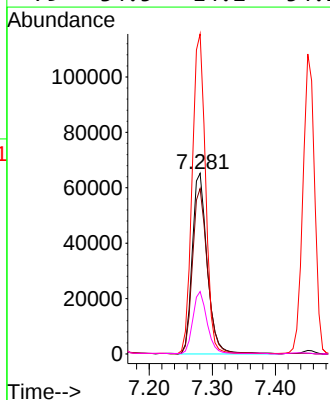
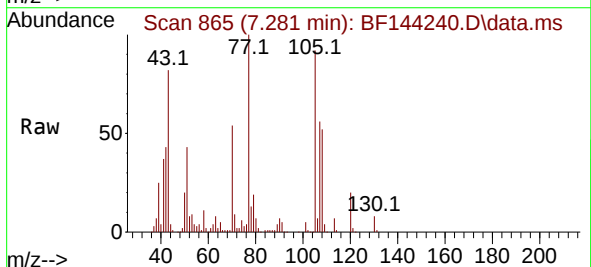
Manual Integrations
APPROVED

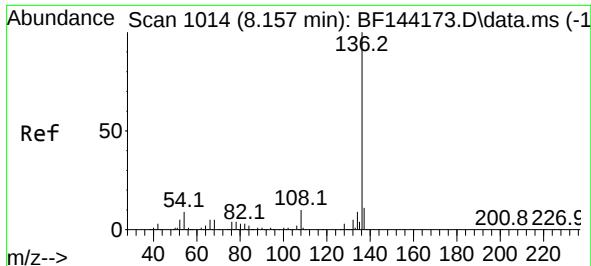
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#20
3+4-Methylphenols
Concen: 46.572 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

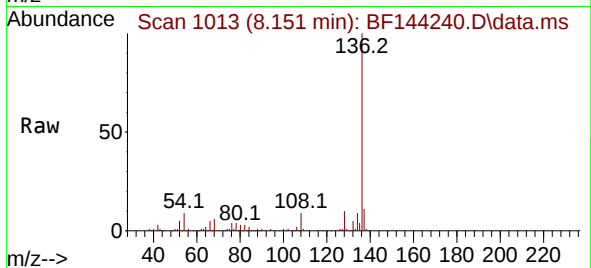
Tgt Ion:107 Resp: 107360
Ion Ratio Lower Upper
107 100
108 91.6 70.2 110.2
77 177.2 123.9 163.9#
79 34.5 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

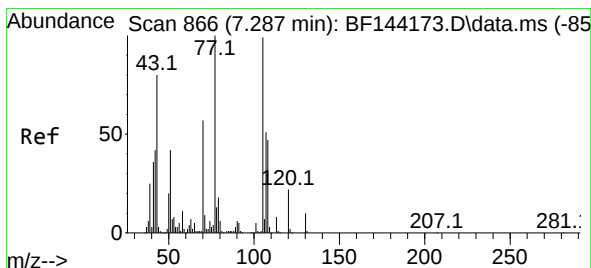
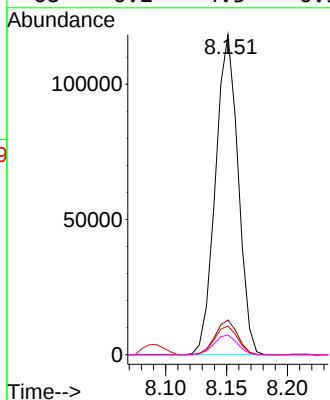
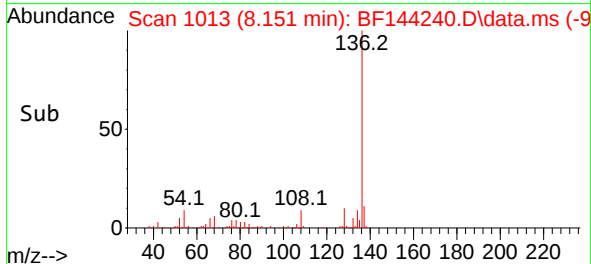
Instrument :
BNA_F
ClientSampleId :
S-1MSD



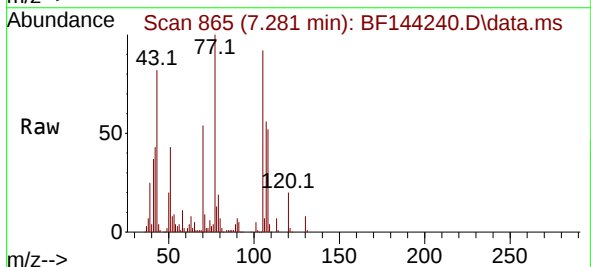
Tgt Ion:136 Resp: 152960
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.0 10.6
68 6.2 4.3 6.5

Manual Integrations
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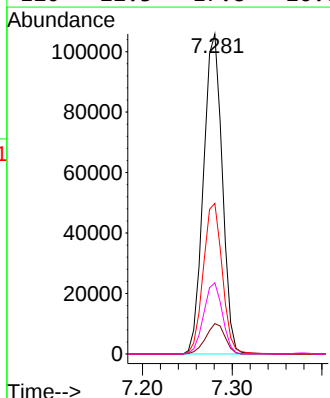
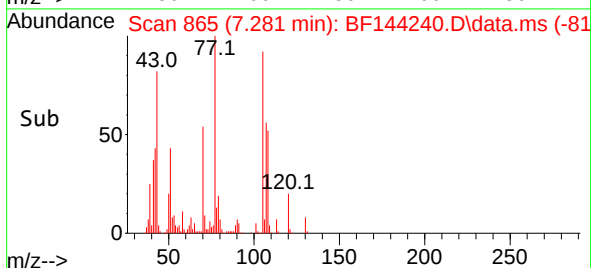
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

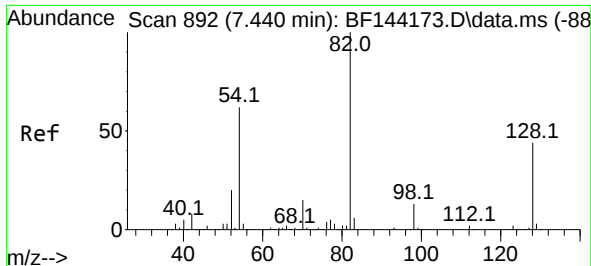


#22
Acetophenone
Concen: 46.789 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:105 Resp: 153531
Ion Ratio Lower Upper
105 100
71 9.5 7.2 10.8
51 47.1 34.0 51.0
120 22.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 90.391 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

S-1MSD

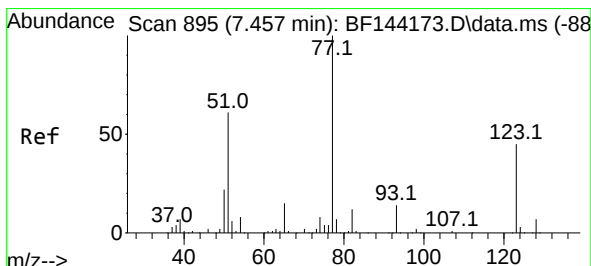
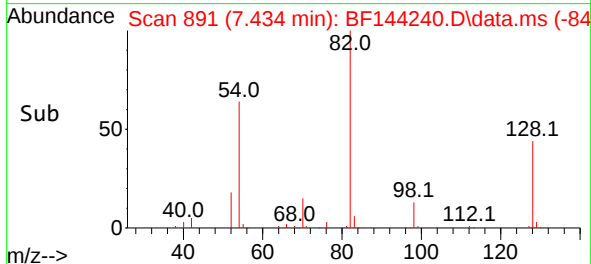
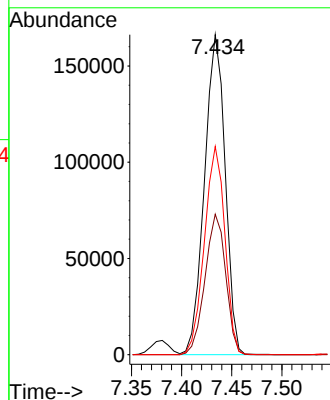
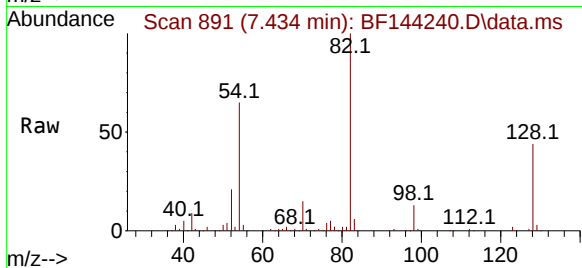
Tgt Ion: 82 Resp: 23939

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.7	52.1
54	65.1	49.5	74.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#24

Nitrobenzene

Concen: 48.048 ng

RT: 7.451 min Scan# 894

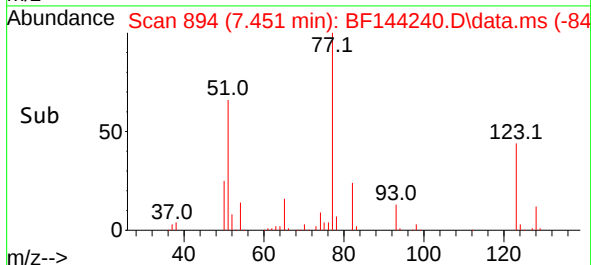
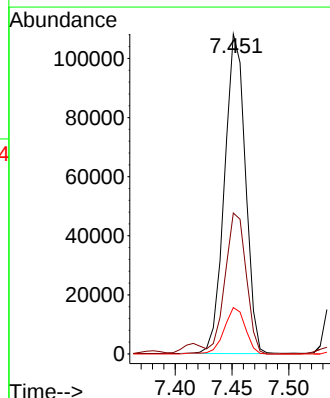
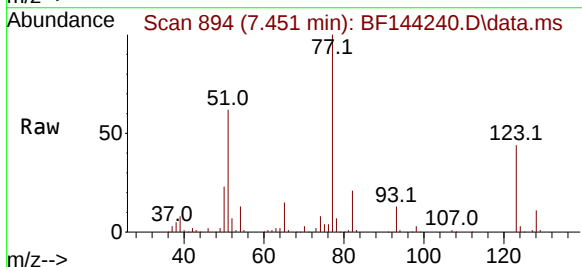
Delta R.T. -0.000 min

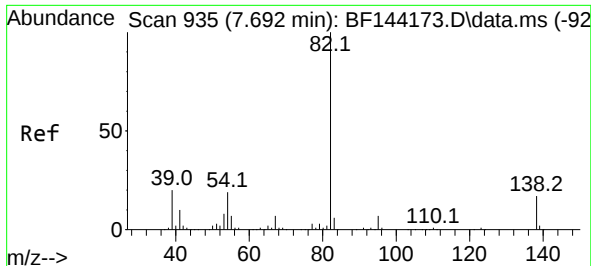
Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Tgt Ion: 77 Resp: 138165

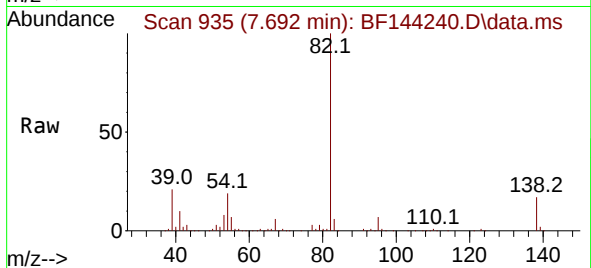
Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.8	53.8
65	14.5	12.2	18.2





#25
Isophorone
Concen: 49.962 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

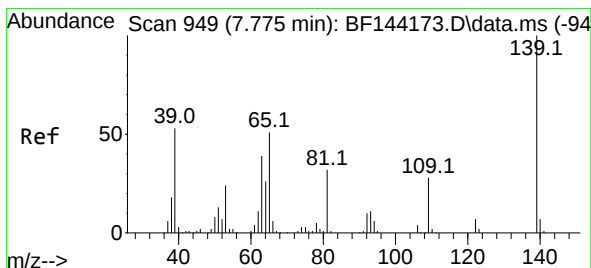
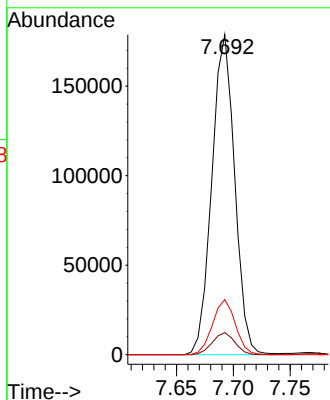
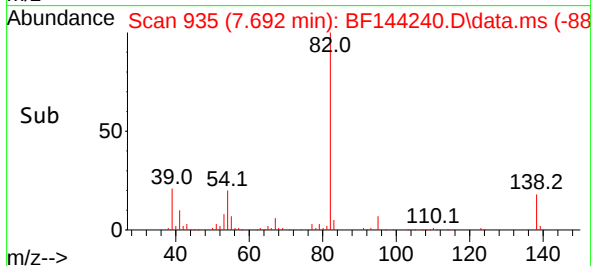
Instrument :
BNA_F
ClientSampleId :
S-1MSD



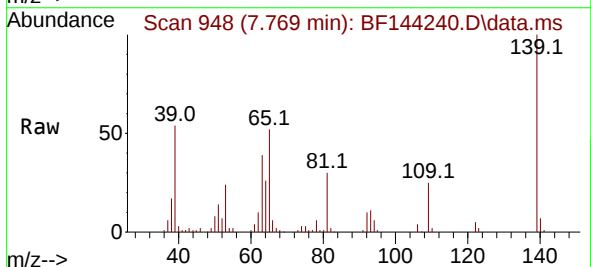
Tgt Ion: 82 Resp: 25028
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 13.7 20.5

Manual Integrations
APPROVED

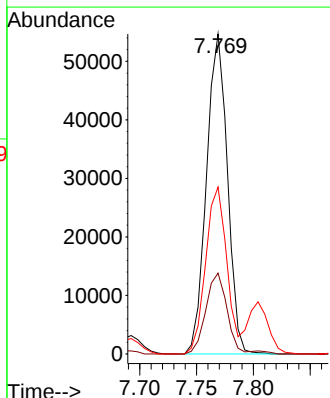
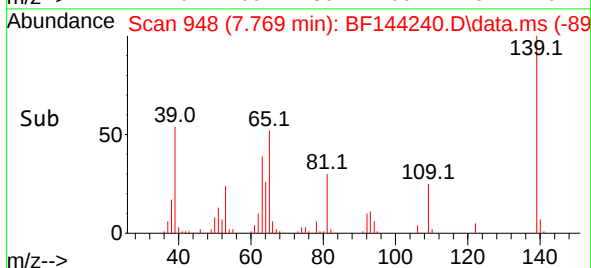
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

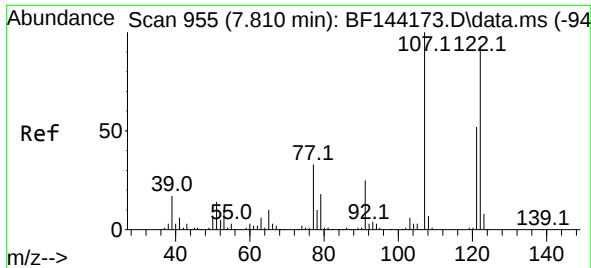


#26
2-Nitrophenol
Concen: 49.288 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



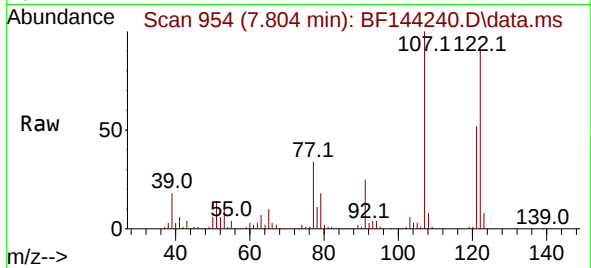
Tgt Ion:139 Resp: 70160
Ion Ratio Lower Upper
139 100
109 25.3 22.2 33.2
65 52.2 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 53.352 ng
RT: 7.804 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

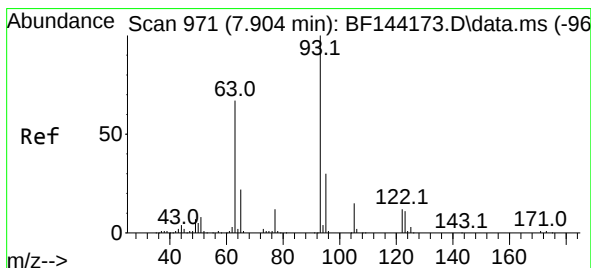
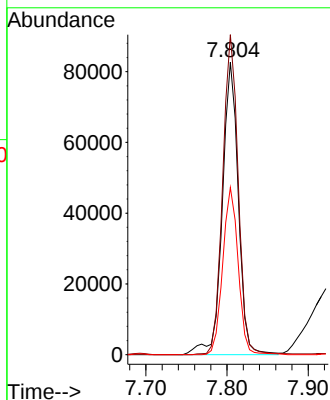
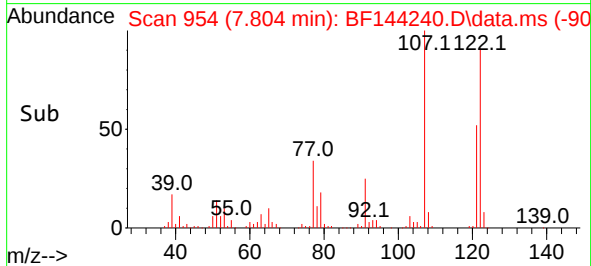
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:122 Resp: 113828
Ion Ratio Lower Upper
122 100
107 109.4 86.2 129.4
121 57.2 44.6 66.8

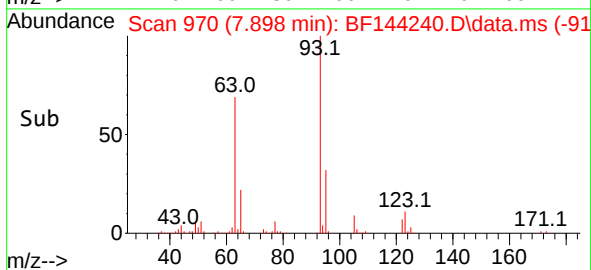
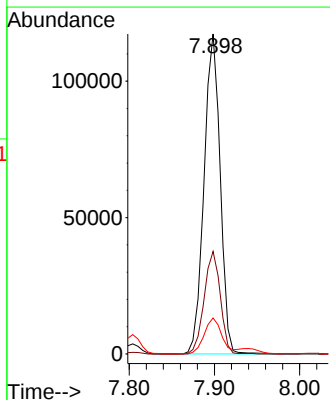
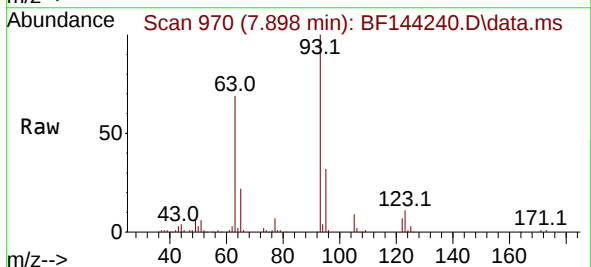
Manual Integrations
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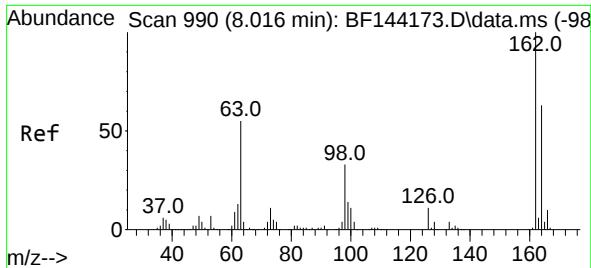
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 49.347 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion: 93 Resp: 154372
Ion Ratio Lower Upper
93 100
95 32.0 24.2 36.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.721 ng

RT: 8.010 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

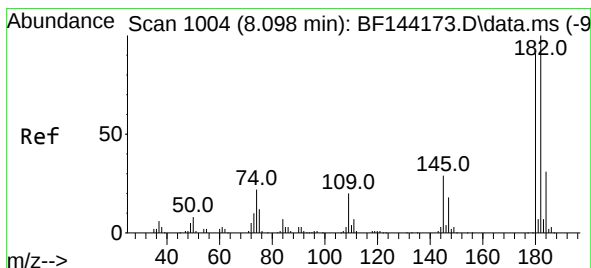
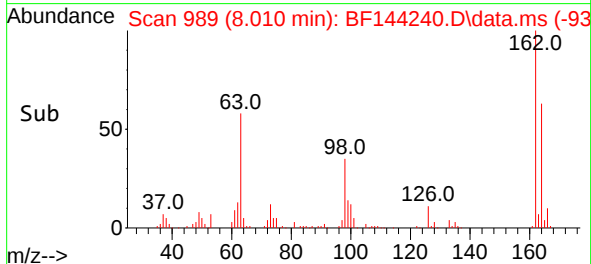
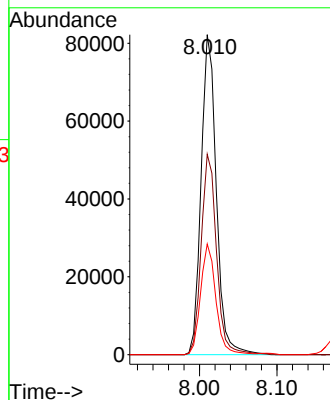
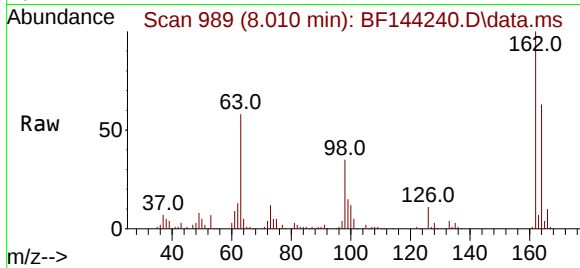
S-1MSD

Tgt Ion:	162	Resp:	112429
Ion Ratio	Lower	Upper	
162	100		
164	62.6	42.9	82.9
98	34.6	13.3	53.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.324 ng

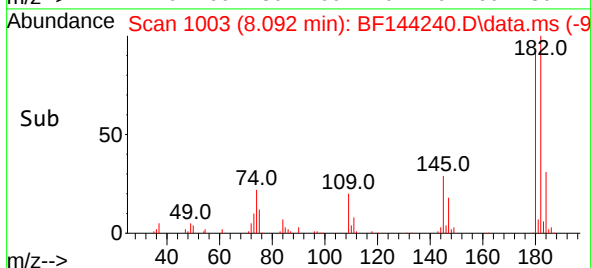
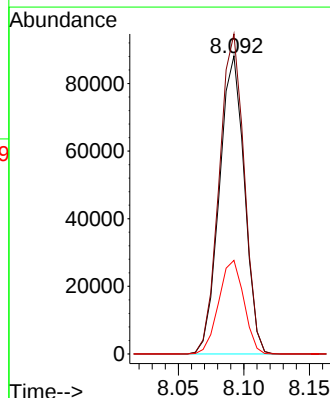
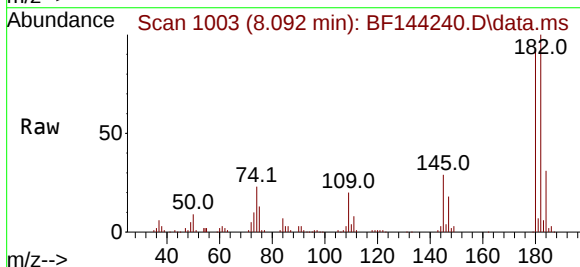
RT: 8.092 min Scan# 1003

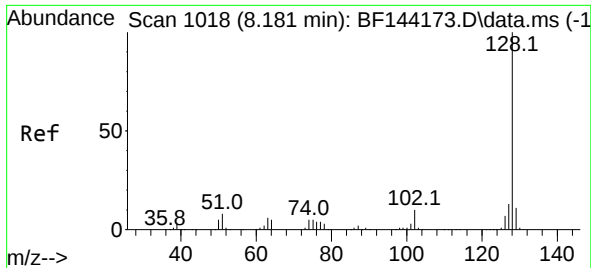
Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

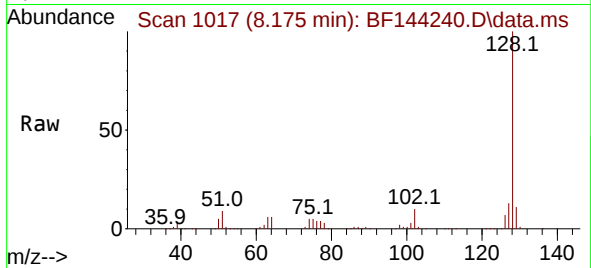
Tgt Ion:	180	Resp:	116972
Ion Ratio	Lower	Upper	
180	100		
182	107.3	87.7	131.5
145	31.4	25.4	38.0





#31
Naphthalene
Concen: 44.792 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

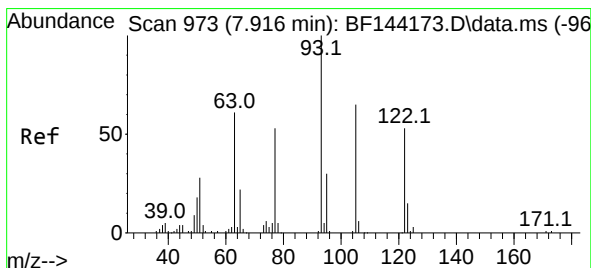
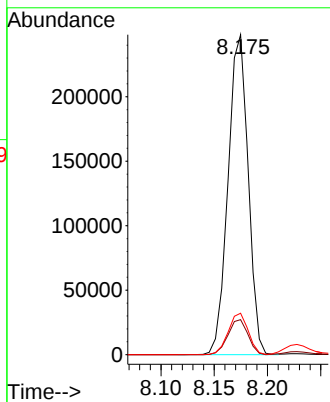
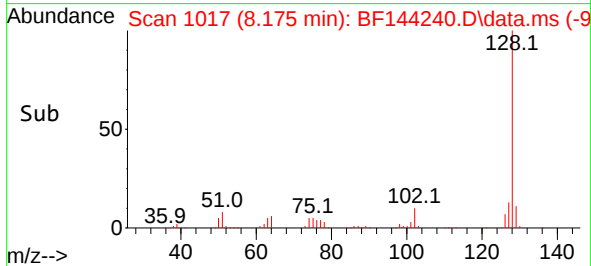
Instrument :
BNA_F
ClientSampleId :
S-1MSD



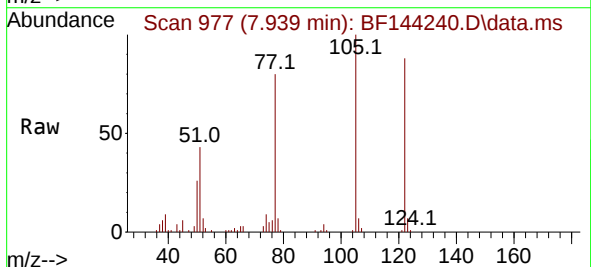
Tgt Ion:128 Resp: 325910
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.3 15.5

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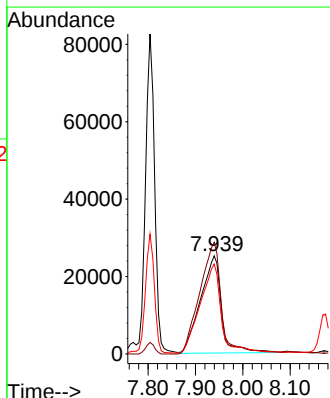
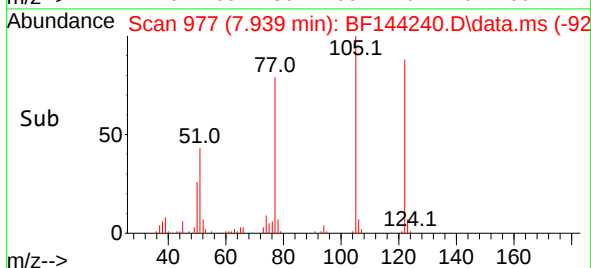
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

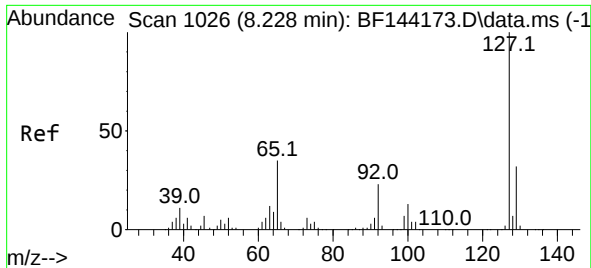


#32
Benzoic acid
Concen: 49.531 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



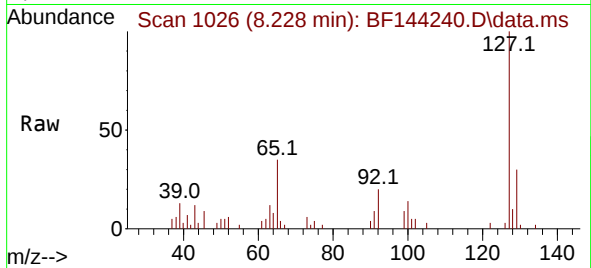
Tgt Ion:122 Resp: 77462
Ion Ratio Lower Upper
122 100
105 113.8 99.9 139.9
77 91.6 77.5 117.5





#33
4-Chloroaniline
Concen: 5.314 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

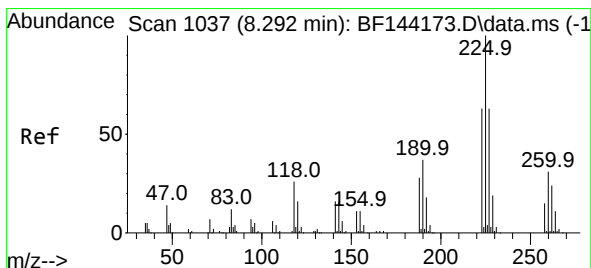
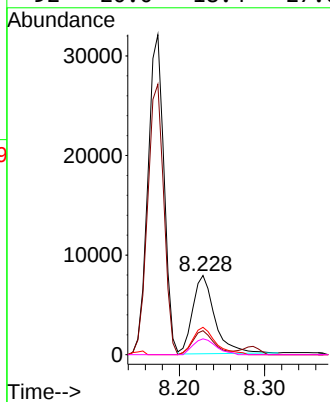
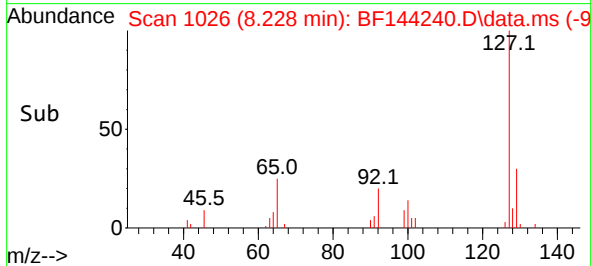


Tgt Ion:127 Resp: 14102

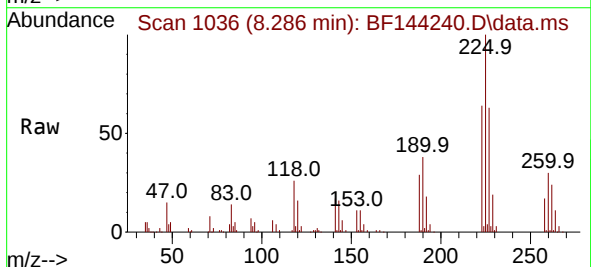
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.3	37.9
65	34.6	27.6	41.4
92	20.0	18.4	27.6

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Supervised By :mohammad ahmed 11/14/2025

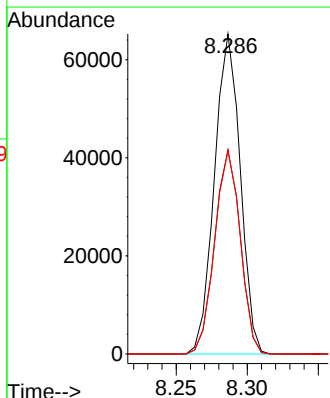
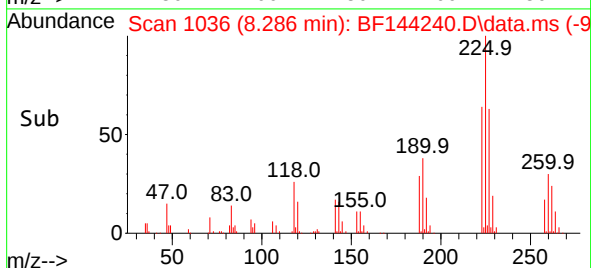


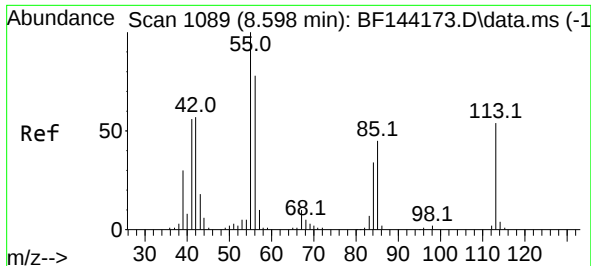
#34
Hexachlorobutadiene
Concen: 43.306 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:225 Resp: 82411

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.4
227	63.5	50.1	75.1





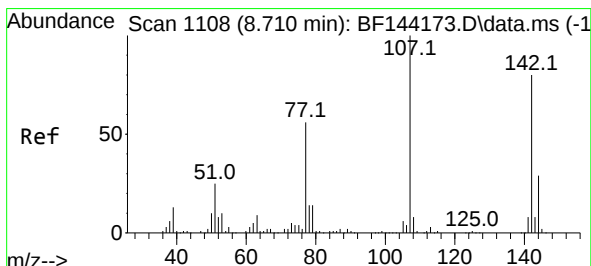
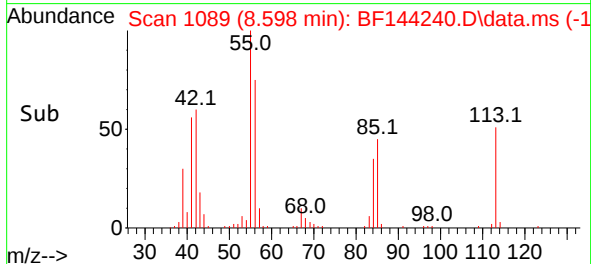
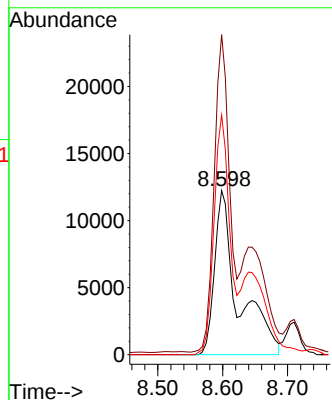
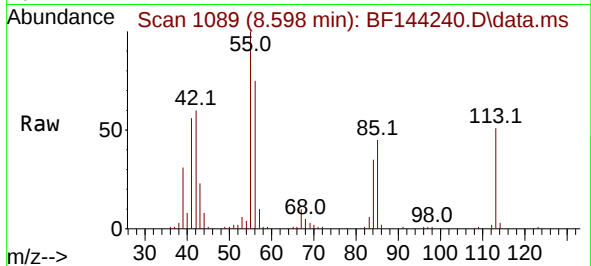
#35
 Caprolactam
 Concen: 45.931 ng m
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.024 min
 Lab File: BF144240.D
 Acq: 12 Nov 2025 20:49

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD

Tgt Ion:113 Resp: 30944
 Ion Ratio Lower Upper
 113 100
 55 194.9 166.8 206.8
 56 146.0 125.9 165.9

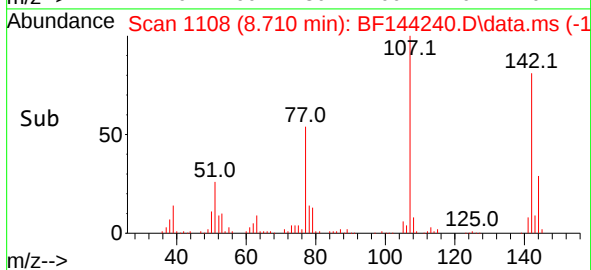
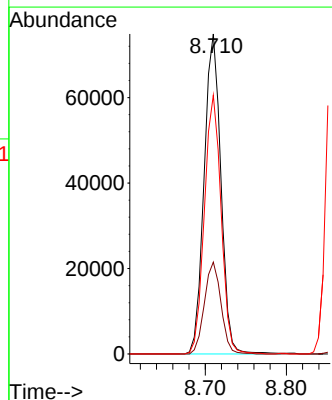
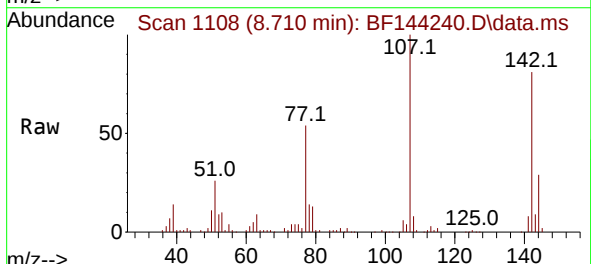
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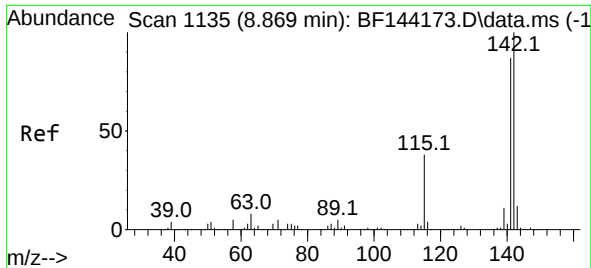
Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#36
 4-Chloro-3-methylphenol
 Concen: 48.740 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF144240.D
 Acq: 12 Nov 2025 20:49

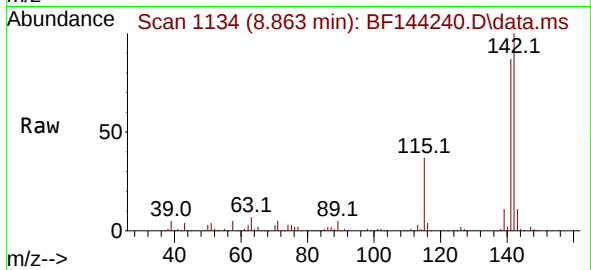
Tgt Ion:107 Resp: 107414
 Ion Ratio Lower Upper
 107 100
 144 28.7 23.3 34.9
 142 80.9 63.8 95.6





#37
2-Methylnaphthalene
Concen: 43.419 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

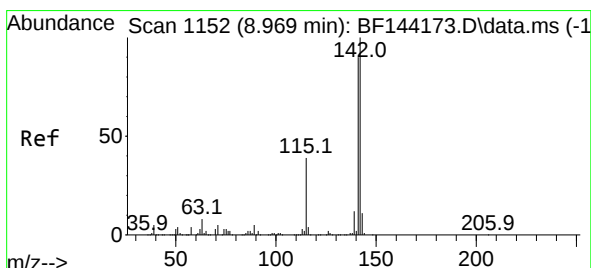
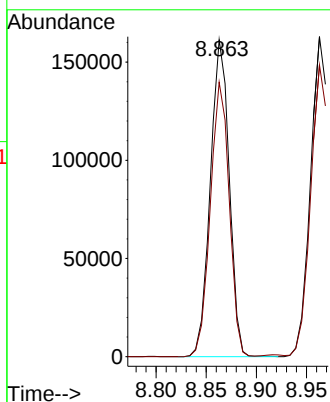
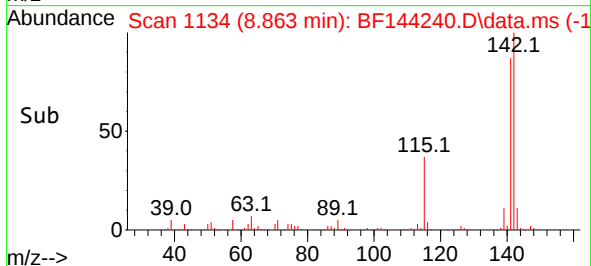
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:142 Resp: 211225
Ion Ratio Lower Upper
142 100
141 86.6 69.9 104.9

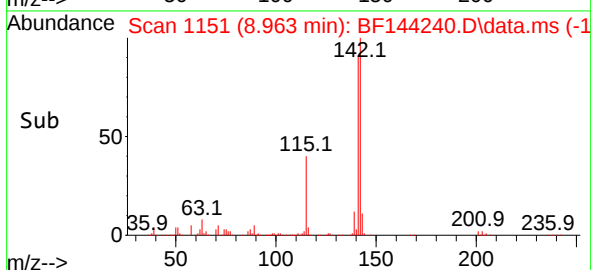
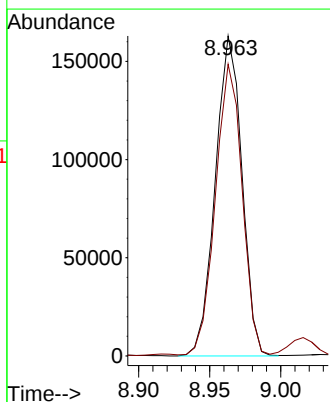
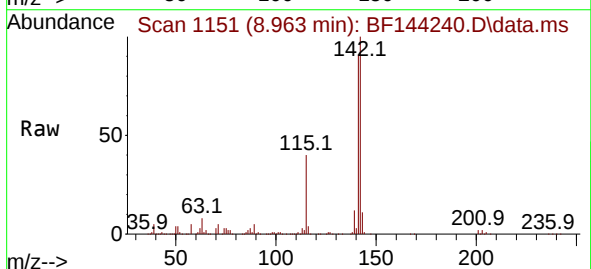
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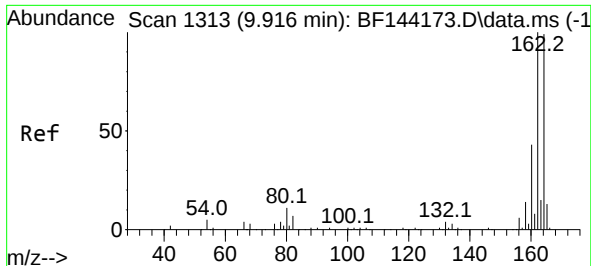
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#38
1-Methylnaphthalene
Concen: 45.313 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion:142 Resp: 212697
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

S-1MSD

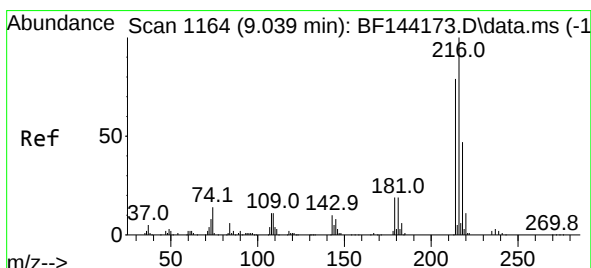
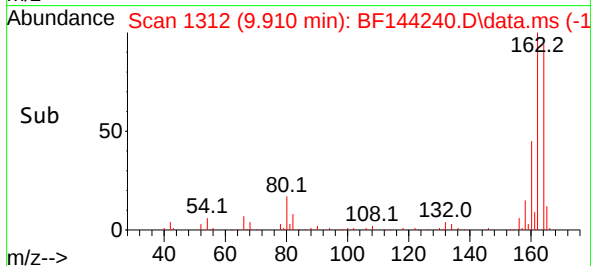
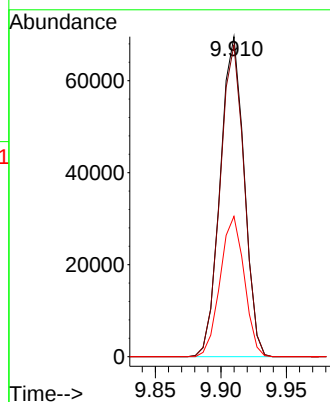
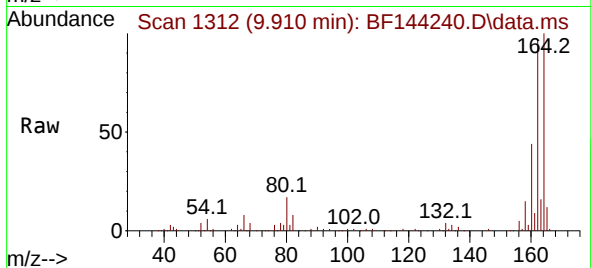
Tgt Ion:164 Resp: 88260

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.1	121.7
160	43.9	34.5	51.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.097 ng

RT: 9.033 min Scan# 1163

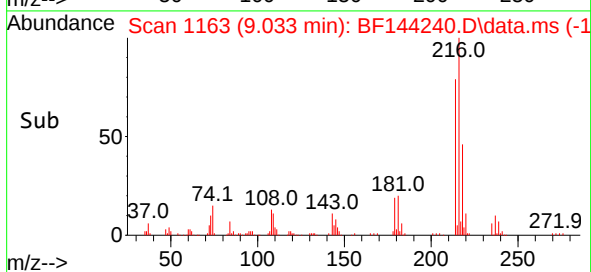
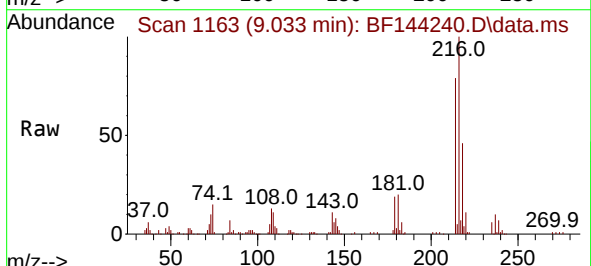
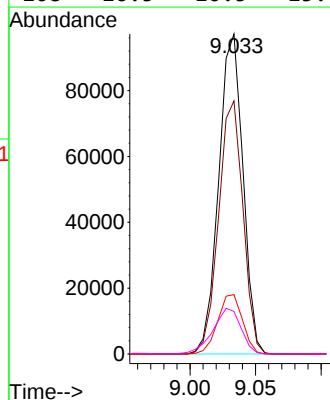
Delta R.T. -0.000 min

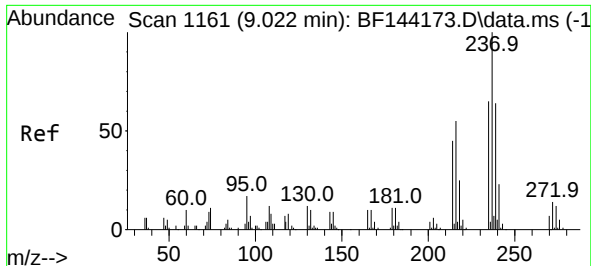
Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Tgt Ion:216 Resp: 124668

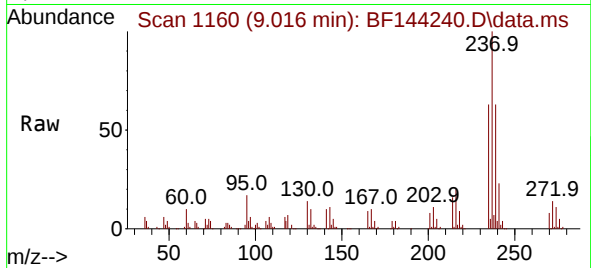
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	19.0	15.0	22.4
108	16.5	10.5	15.7





#41
Hexachlorocyclopentadiene
Concen: 98.183 ng
RT: 9.016 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

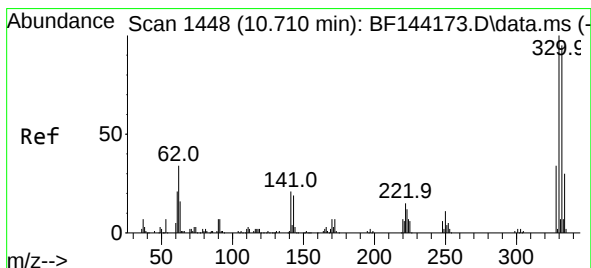
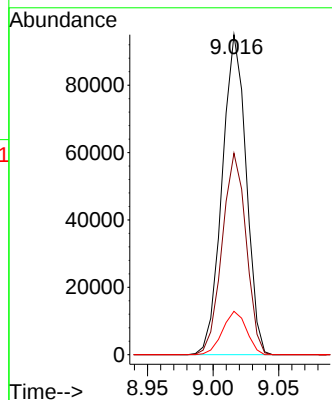
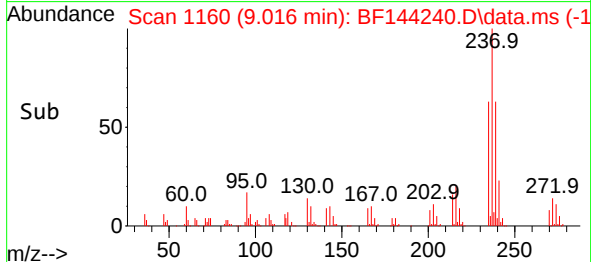
Instrument :
BNA_F
ClientSampleId :
S-1MSD



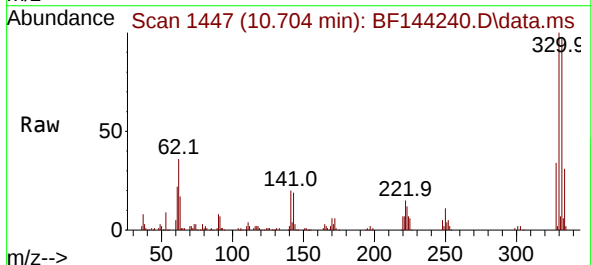
Tgt Ion:237 Resp: 120878
Ion Ratio Lower Upper
237 100
235 63.0 45.5 85.5
272 13.6 0.0 33.5

Manual Integrations
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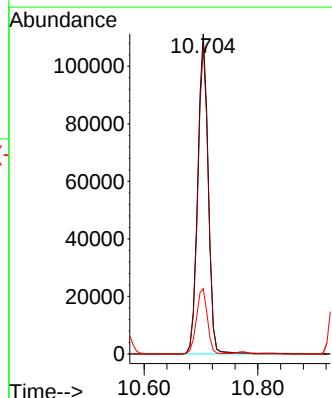
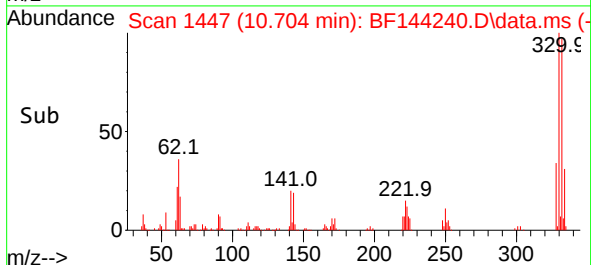
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

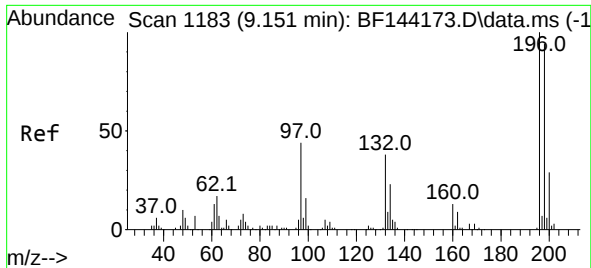


#42
2,4,6-Tribromophenol
Concen: 129.474 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



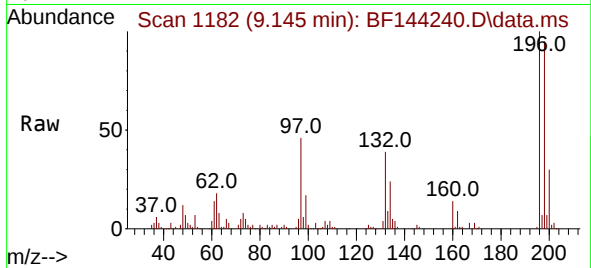
Tgt Ion:330 Resp: 143410
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 21.3 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 46.435 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

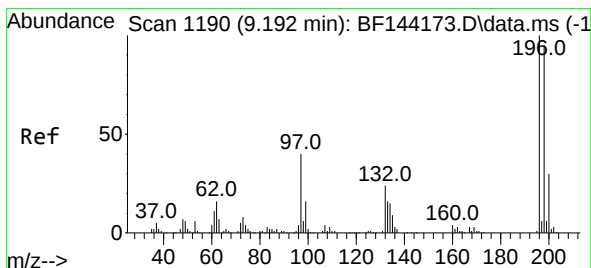
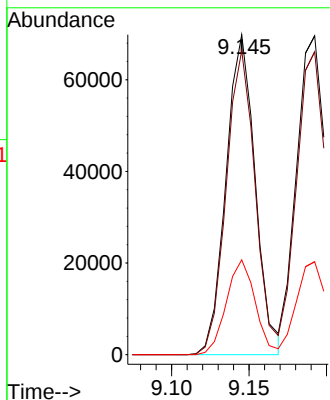
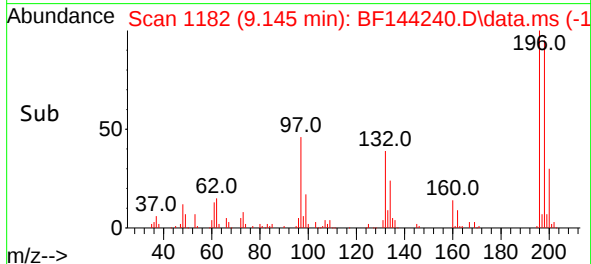
Instrument :
BNA_F
ClientSampleId :
S-1MSD



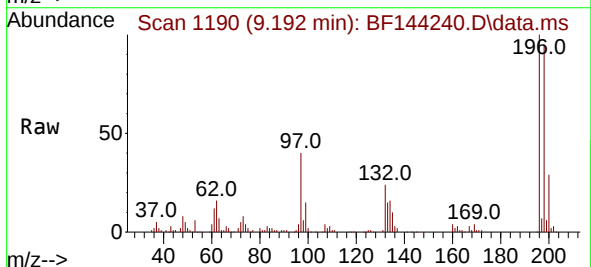
Tgt Ion:196 Resp: 91425
Ion Ratio Lower Upper
196 100
198 95.1 75.3 112.9
200 29.7 23.4 35.2

Manual Integrations
APPROVED

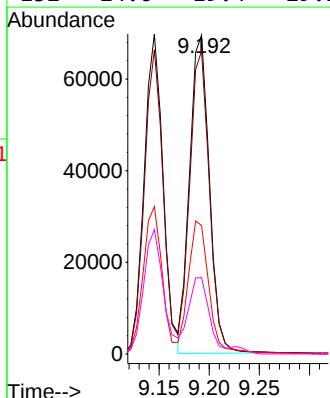
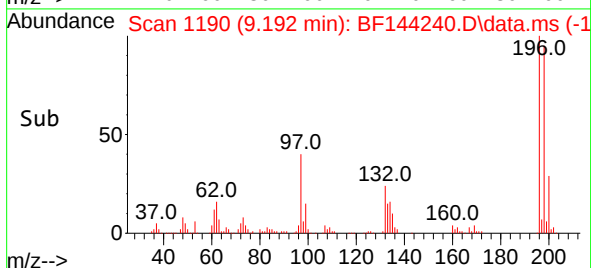
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

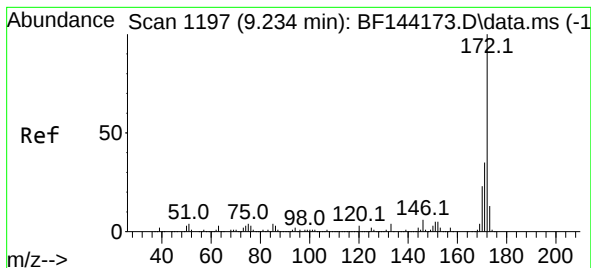


#44
2,4,5-Trichlorophenol
Concen: 44.956 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



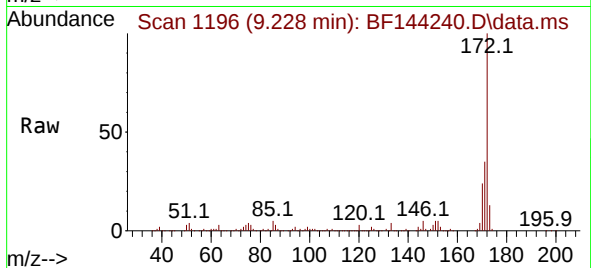
Tgt Ion:196 Resp: 95396
Ion Ratio Lower Upper
196 100
198 95.0 76.1 114.1
97 40.3 31.9 47.9
132 24.0 19.4 29.2





#45
2-Fluorobiphenyl
Concen: 81.466 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

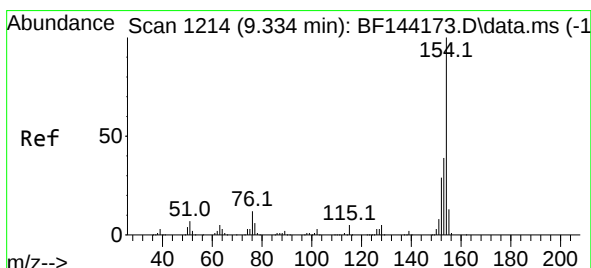
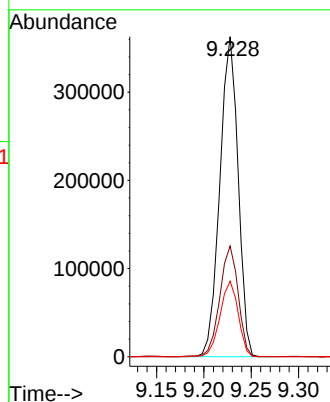
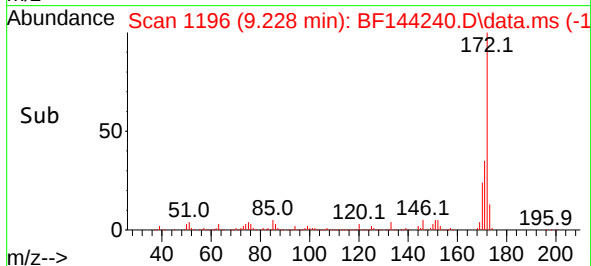
Instrument :
BNA_F
ClientSampleId :
S-1MSD



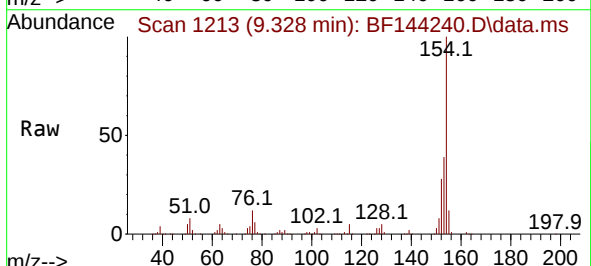
Tgt Ion:172 Resp: 486860
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0

Manual Integrations
APPROVED

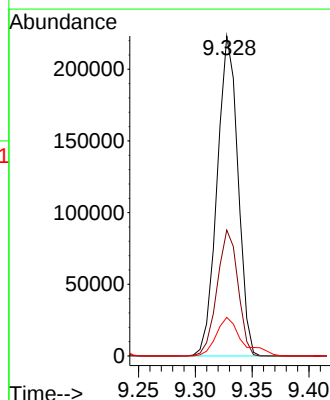
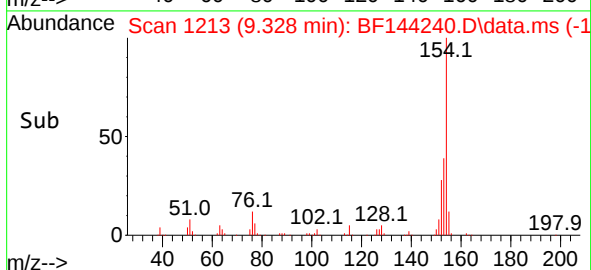
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

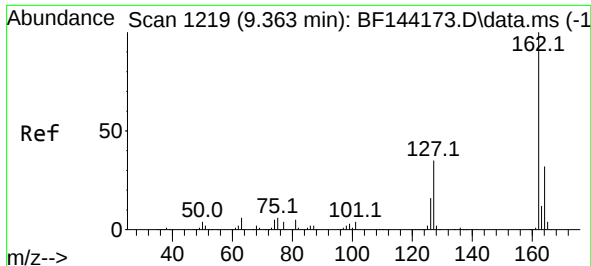


#46
1,1'-Biphenyl
Concen: 46.307 ng
RT: 9.328 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



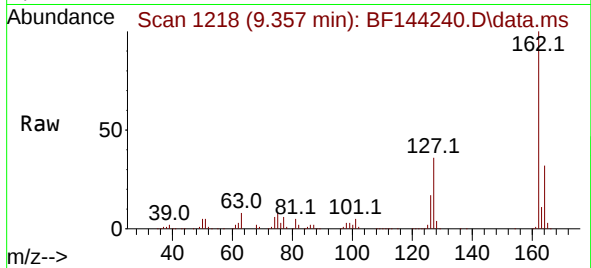
Tgt Ion:154 Resp: 285308
Ion Ratio Lower Upper
154 100
153 39.4 19.2 59.2
76 12.1 0.0 31.8





#47
2-Chloronaphthalene
Concen: 44.614 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

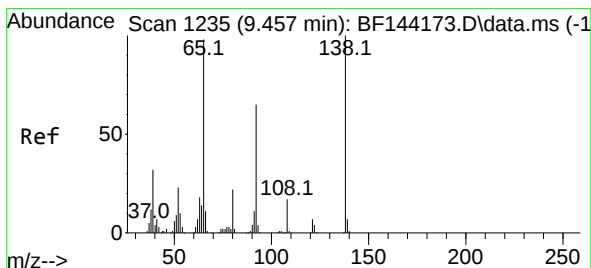
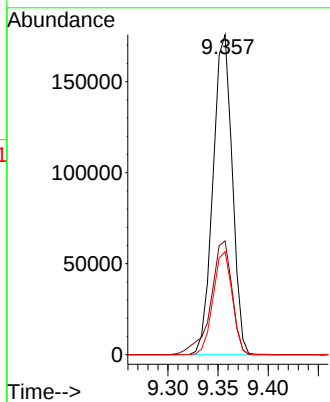
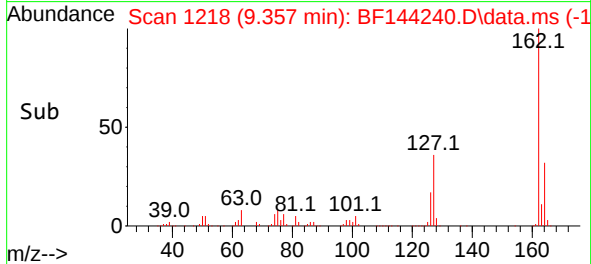
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:162 Resp: 234474
Ion Ratio Lower Upper
162 100
127 35.5 28.8 43.2
164 32.2 25.8 38.8

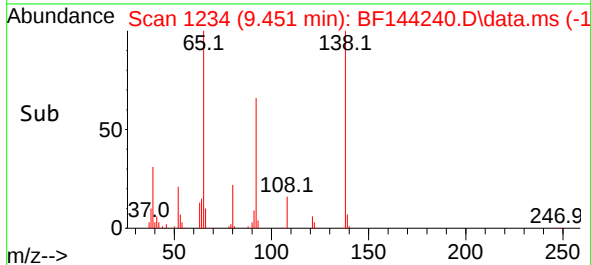
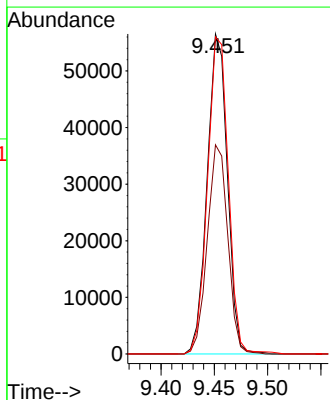
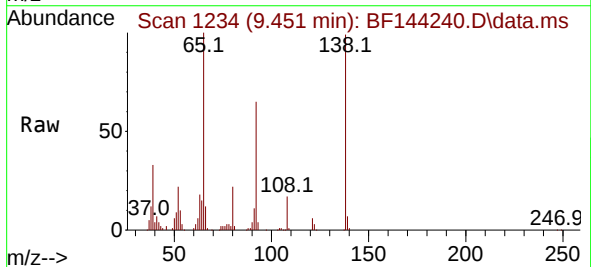
Manual Integrations
APPROVED

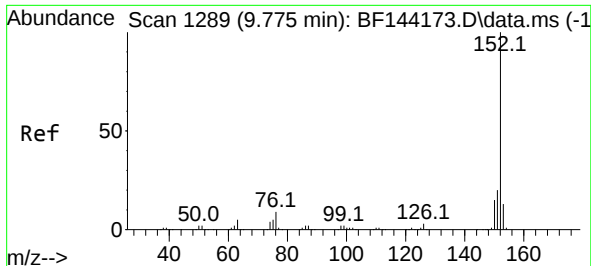
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#48
2-Nitroaniline
Concen: 49.170 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

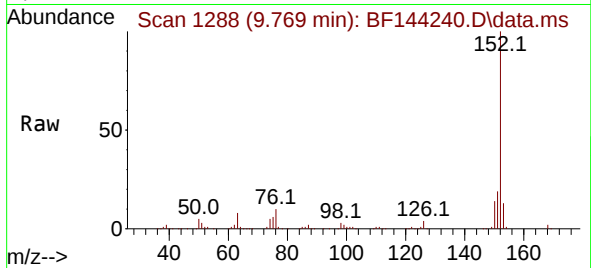
Tgt Ion: 65 Resp: 74562
Ion Ratio Lower Upper
65 100
92 65.4 53.0 79.6
138 99.1 81.6 122.4





#49
Acenaphthylene
Concen: 51.339 ng
RT: 9.769 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

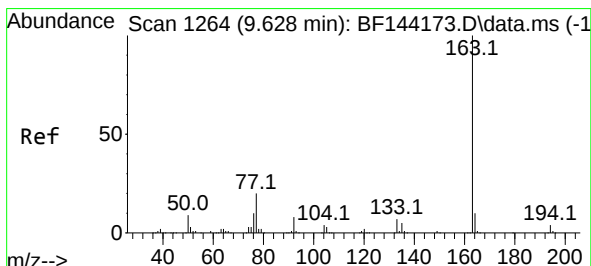
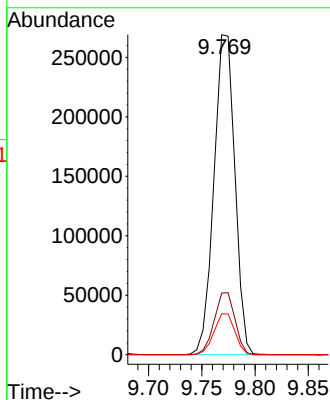
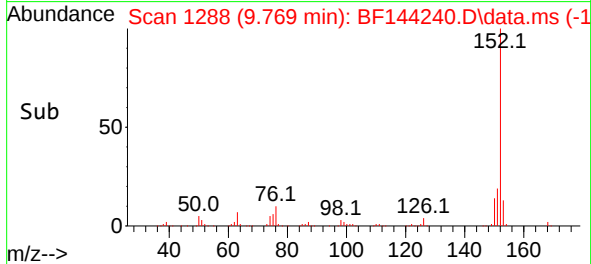
Instrument :
BNA_F
ClientSampleId :
S-1MSD



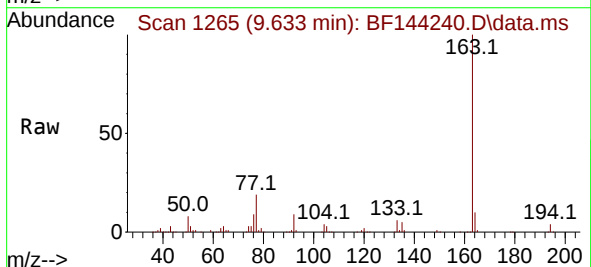
Tgt Ion:152 Resp: 36768
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.8 10.5 15.7

Manual Integrations
APPROVED

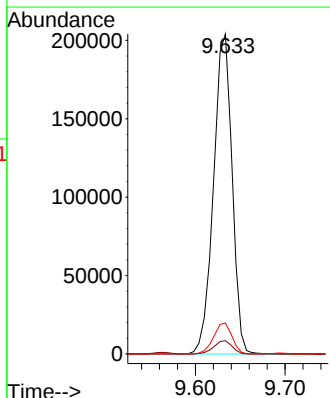
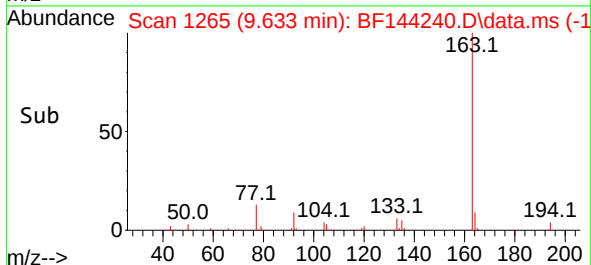
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

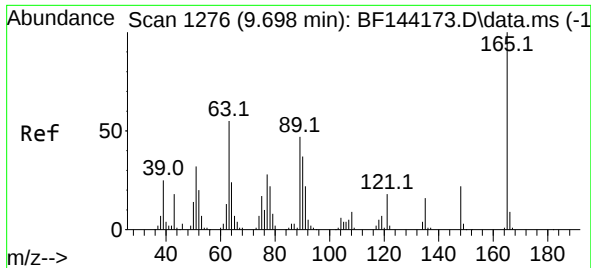


#50
Dimethylphthalate
Concen: 50.047 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:163 Resp: 292649
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.1 12.1





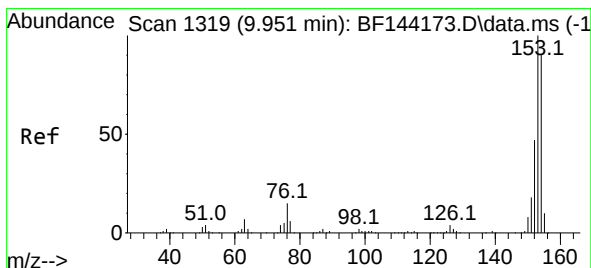
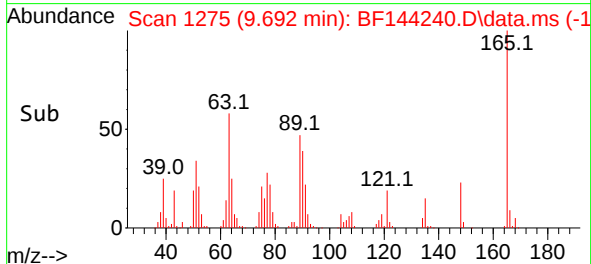
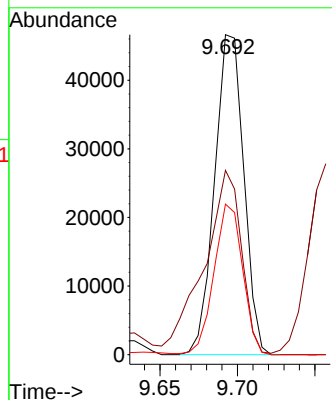
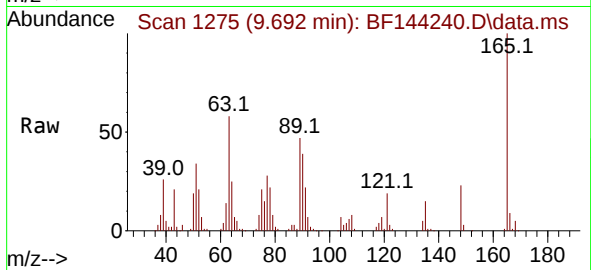
#51
2,6-Dinitrotoluene
Concen: 51.625 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:165 Resp: 61109
Ion Ratio Lower Upper
165 100
63 57.6 43.8 65.8
89 47.0 37.5 56.3

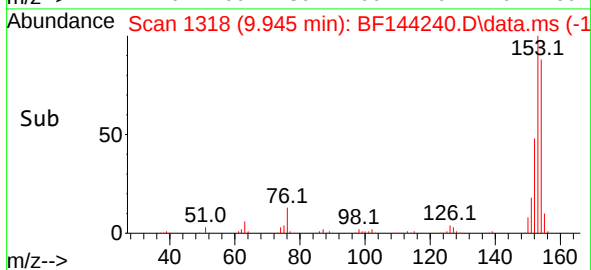
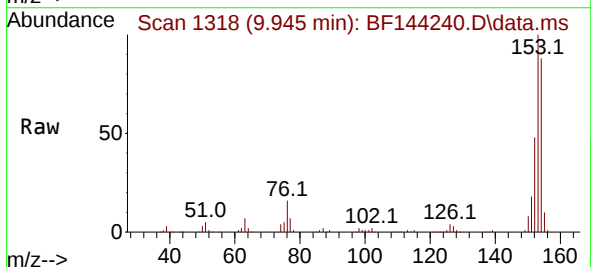
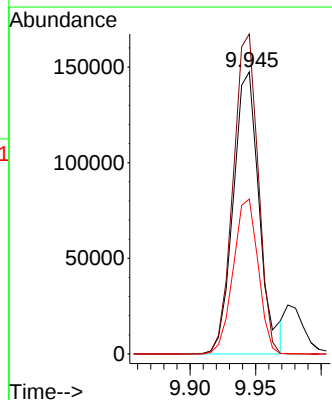
Manual Integrations
APPROVED

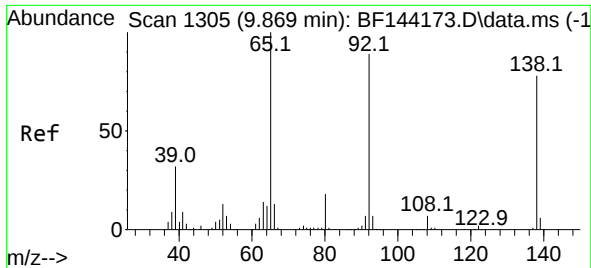
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#52
Acenaphthene
Concen: 42.624 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion:154 Resp: 204139
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.4
152 54.9 42.2 63.4





#53
3-Nitroaniline
Concen: 7.831 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

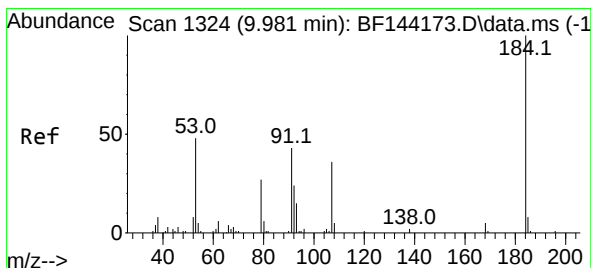
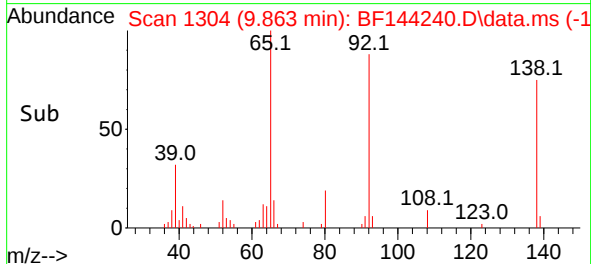
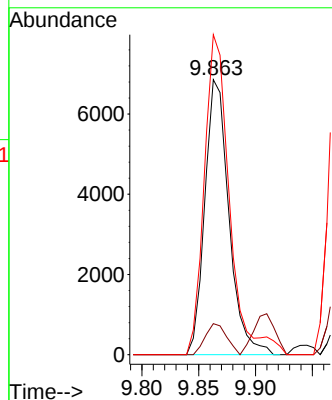
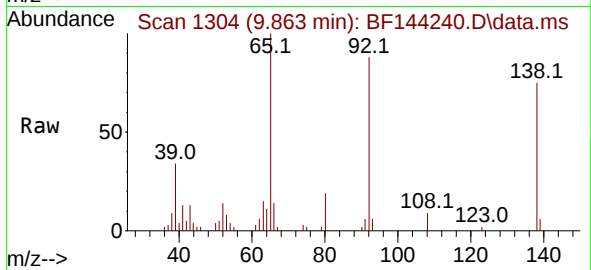
ClientSampleId :

S-1MSD

Tgt Ion:138 Resp: 1013
Ion Ratio Lower Upper
138 100
108 11.3 7.5 11.3
92 116.3 91.8 137.6

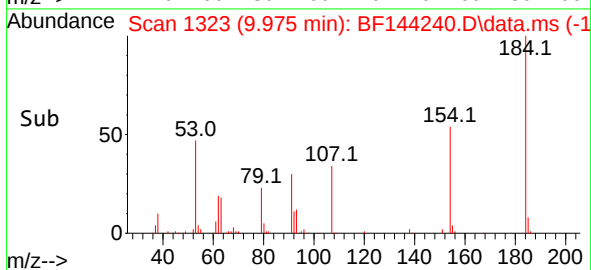
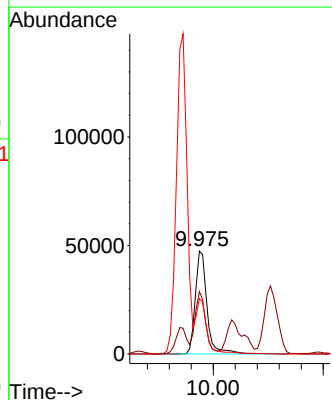
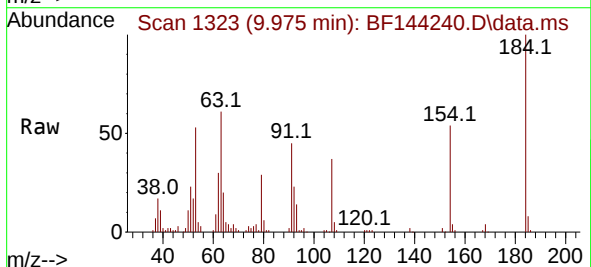
Manual Integrations
APPROVED

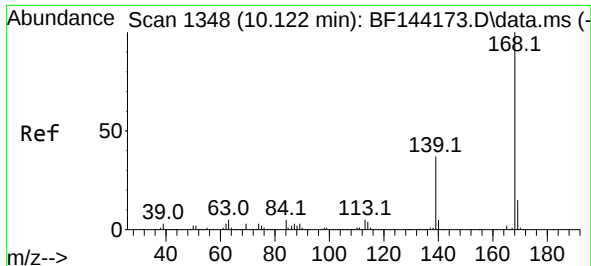
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#54
2,4-Dinitrophenol
Concen: 98.546 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

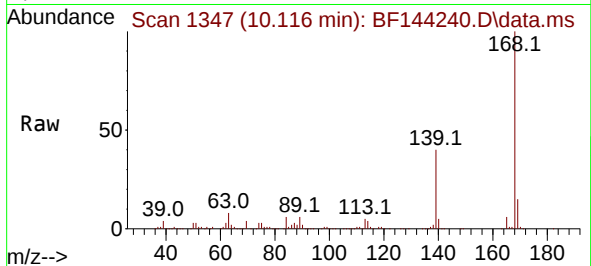
Tgt Ion:184 Resp: 70440
Ion Ratio Lower Upper
184 100
63 60.6 44.0 66.0
154 54.0 42.4 63.6





#55
Dibenzofuran
Concen: 44.437 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

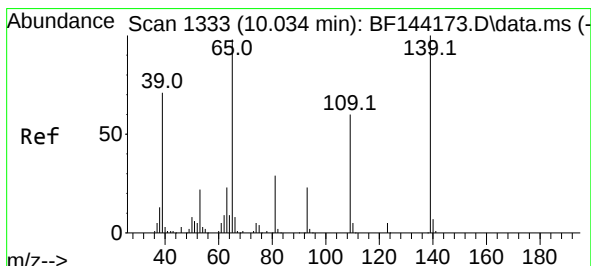
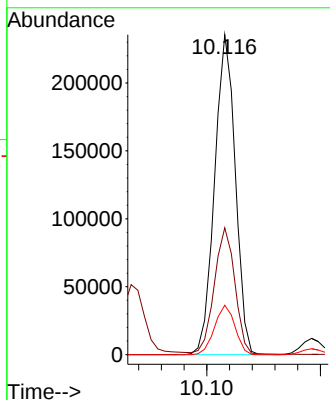
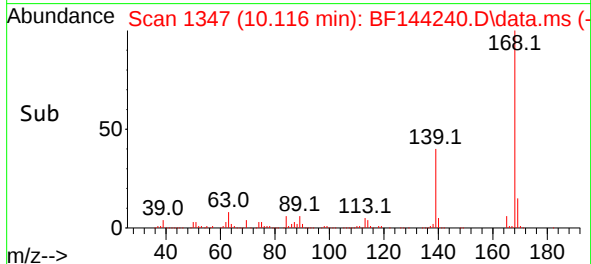
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:168 Resp: 29806
Ion Ratio Lower Upper
168 100
139 39.6 30.2 45.2
169 15.4 12.2 18.4

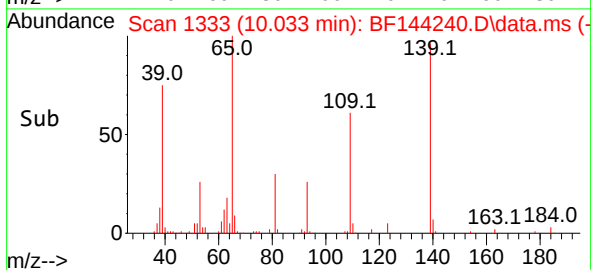
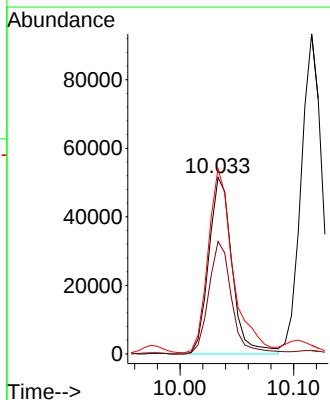
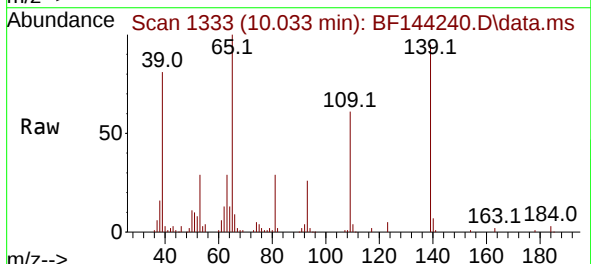
Manual Integrations
APPROVED

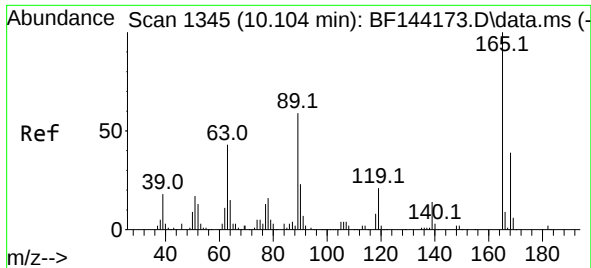
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#56
4-Nitrophenol
Concen: 78.776 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

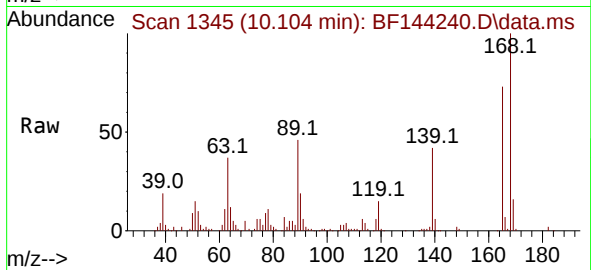
Tgt Ion:139 Resp: 73736
Ion Ratio Lower Upper
139 100
109 63.7 39.9 79.9
65 104.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 49.764 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

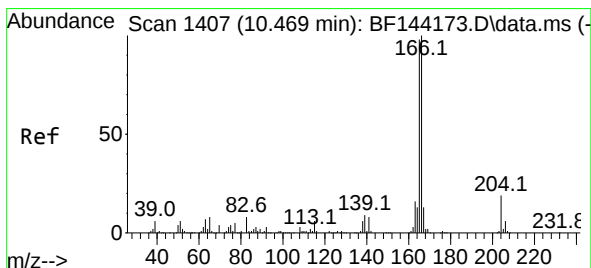
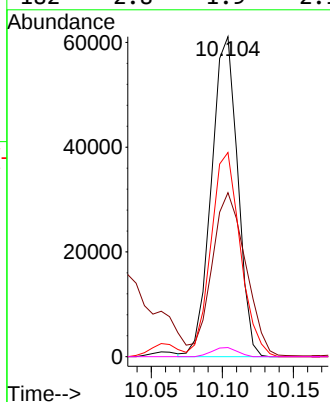
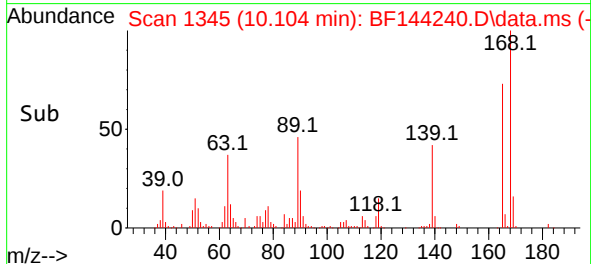
Instrument :
BNA_F
ClientSampleId :
S-1MSD



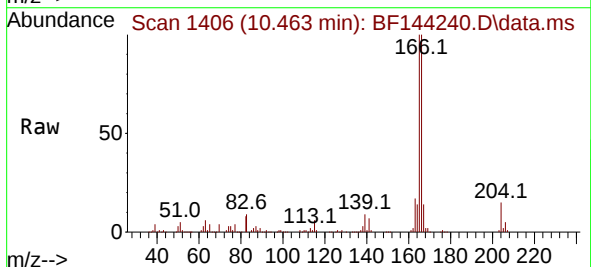
Tgt Ion:165 Resp: 7885
Ion Ratio Lower Upper
165 100
63 51.3 35.5 53.3
89 63.8 47.4 71.2
182 2.8 1.9 2.9

Manual Integrations
APPROVED

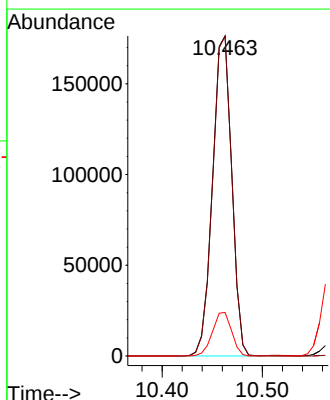
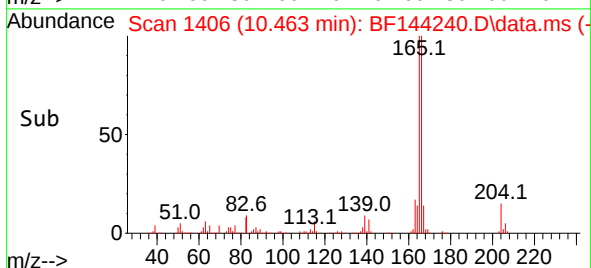
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

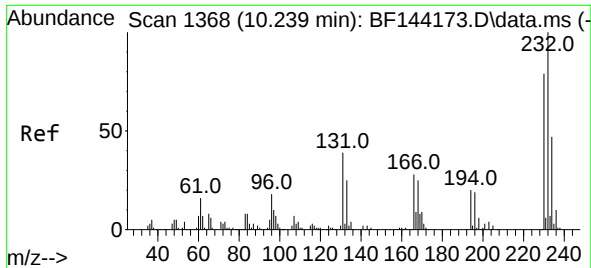


#58
Fluorene
Concen: 45.858 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



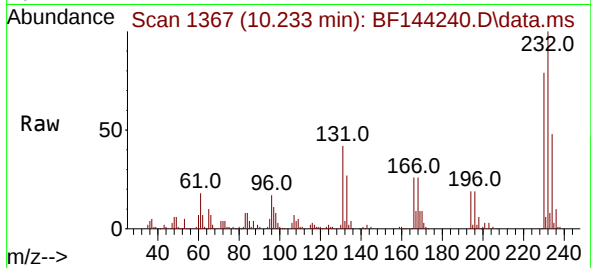
Tgt Ion:166 Resp: 233867
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.102 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

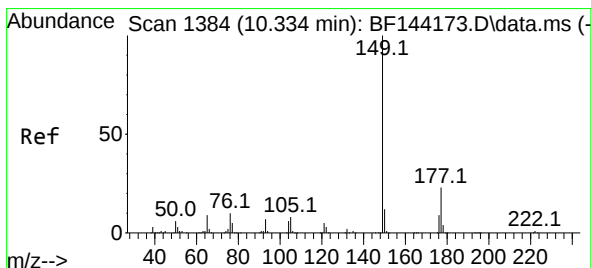
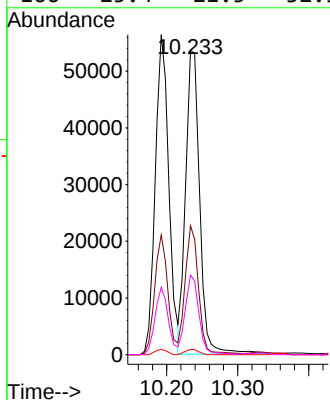
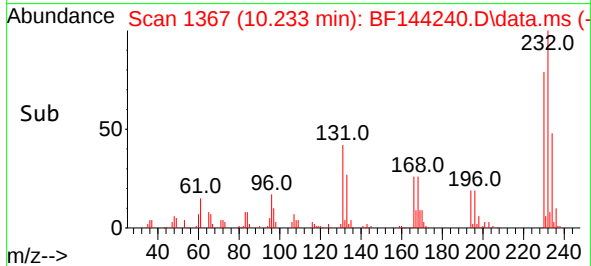
Instrument :
BNA_F
ClientSampleId :
S-1MSD



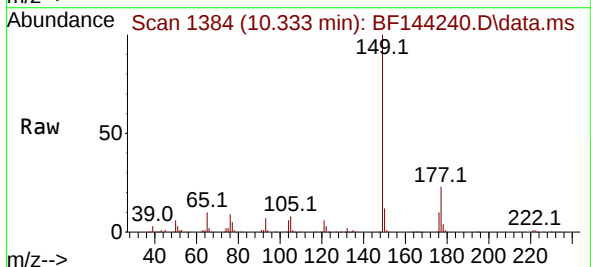
Tgt Ion:232 Resp: 73718
Ion Ratio Lower Upper
232 100
131 40.4 30.3 45.5
130 1.7 1.2 1.8
166 25.4 21.5 32.3

Manual Integrations
APPROVED

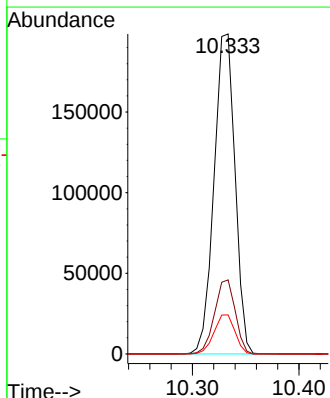
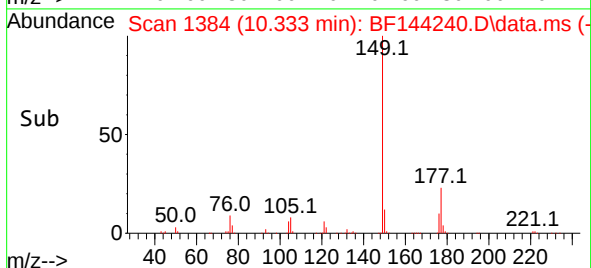
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

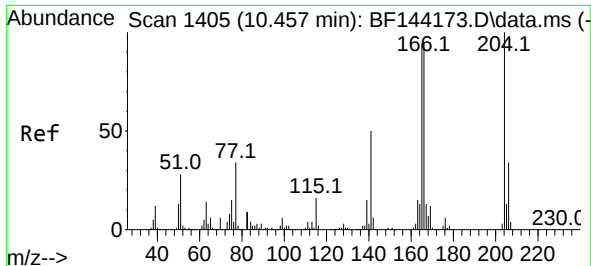


#60
Diethylphthalate
Concen: 50.289 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



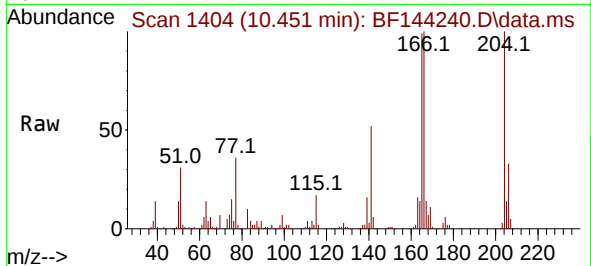
Tgt Ion:149 Resp: 271081
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 44.792 ng
RT: 10.451 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

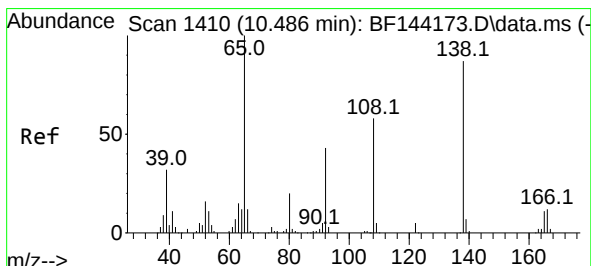
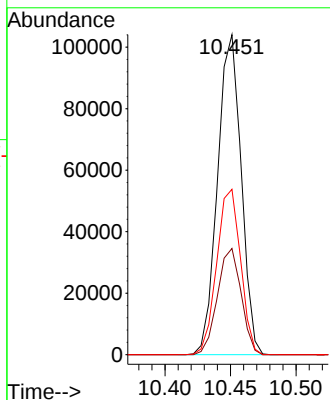
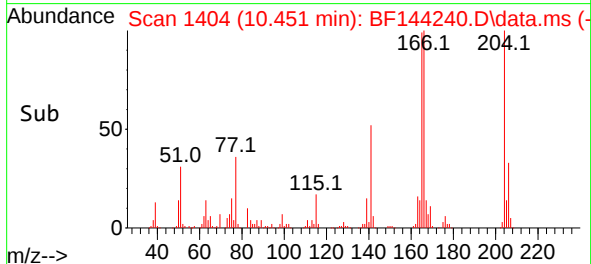
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:204 Resp: 13012
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 51.7 40.0 60.0

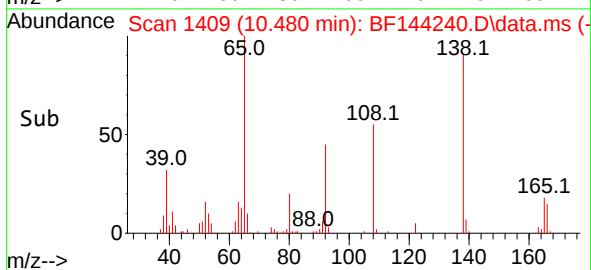
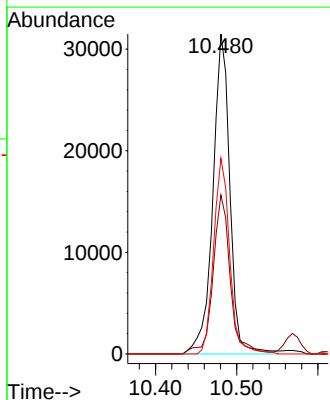
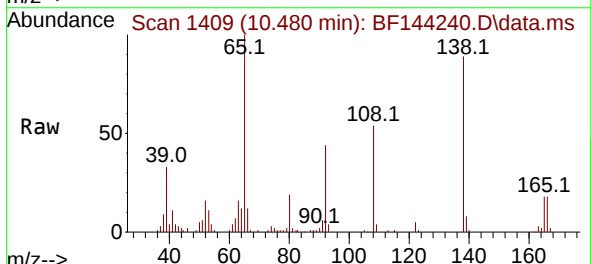
Manual Integrations
APPROVED

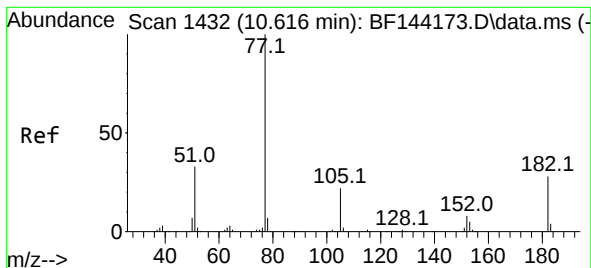
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#62
4-Nitroaniline
Concen: 37.219 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

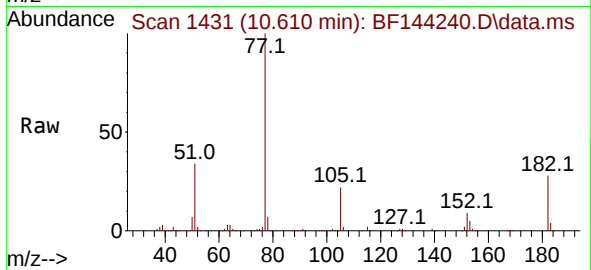
Tgt Ion:138 Resp: 45864
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 61.2 46.4 86.4





#63
Azobenzene
Concen: 51.260 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

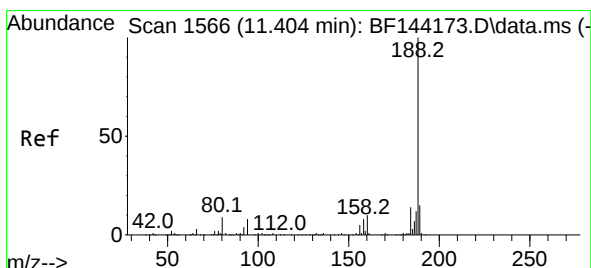
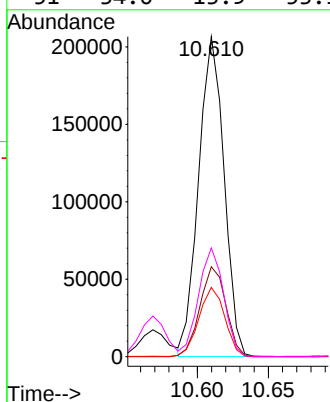
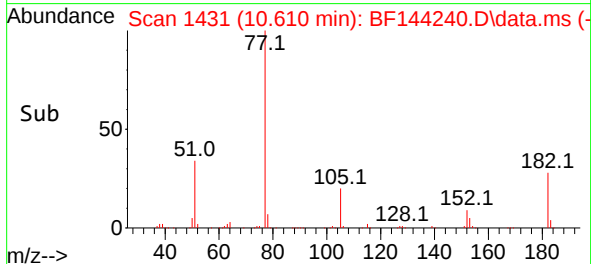
Instrument :
BNA_F
ClientSampleId :
S-1MSD



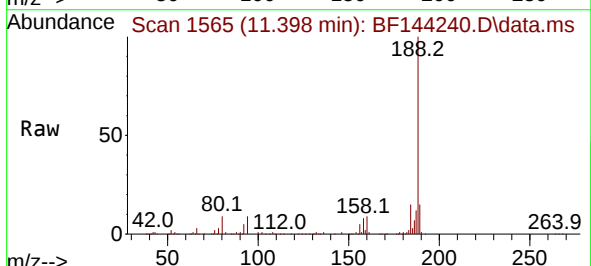
Tgt Ion: 77 Resp: 25715
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 21.6 2.0 42.0
51 34.0 13.9 53.9

Manual Integrations
APPROVED

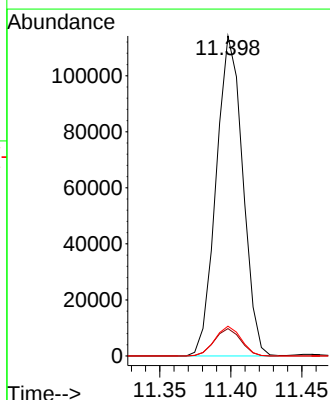
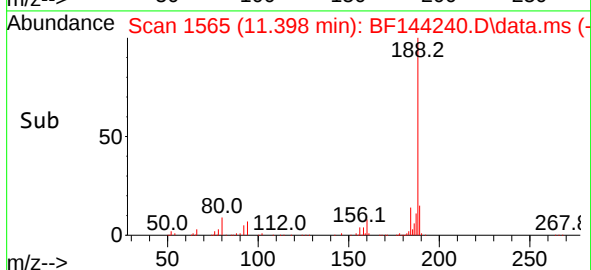
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

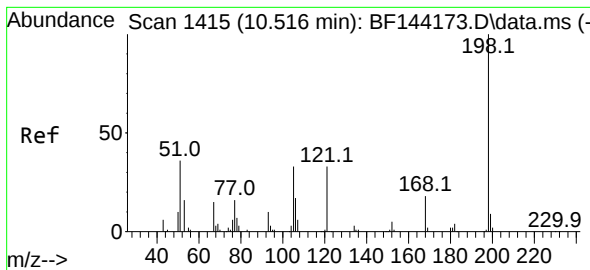


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:188 Resp: 148585
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.3 6.9 10.3





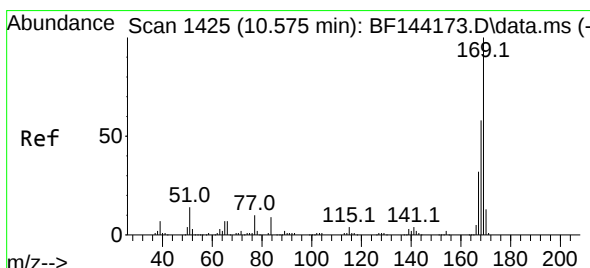
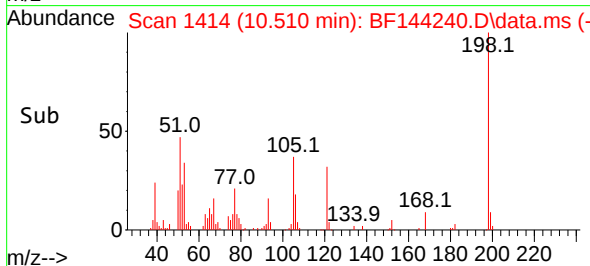
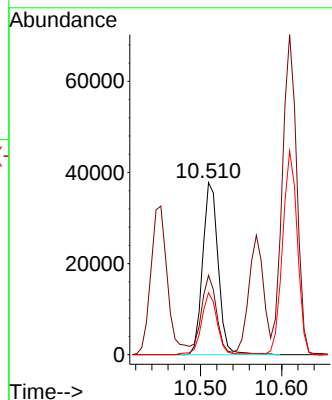
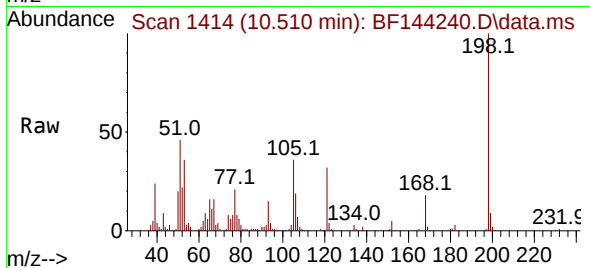
#65
4,6-Dinitro-2-methylphenol
Concen: 49.594 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:198 Resp: 50060
Ion Ratio Lower Upper
198 100
51 46.2 25.6 65.6
105 36.0 14.6 54.6

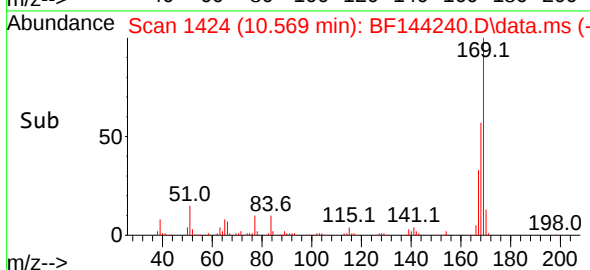
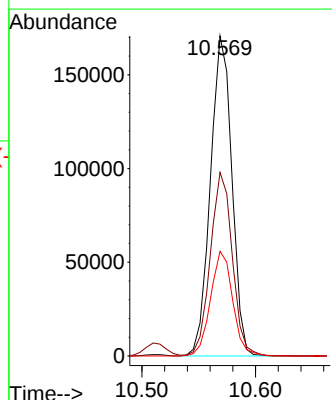
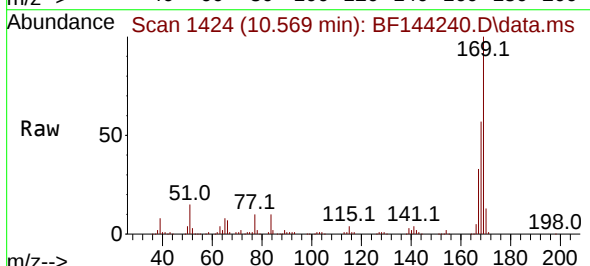
Manual Integrations
APPROVED

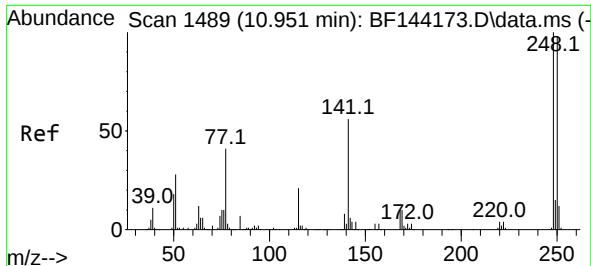
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 46.893 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

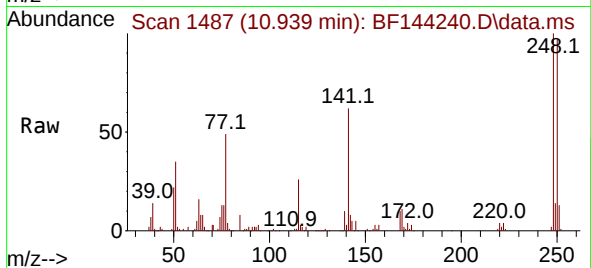
Tgt Ion:169 Resp: 224095
Ion Ratio Lower Upper
169 100
168 57.4 46.2 69.2
167 32.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 46.462 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

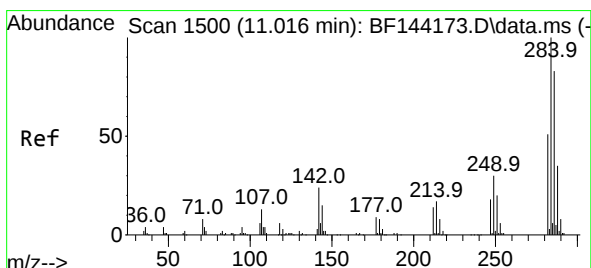
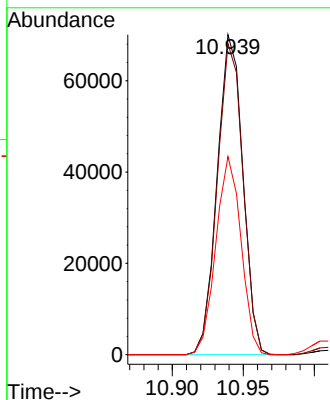
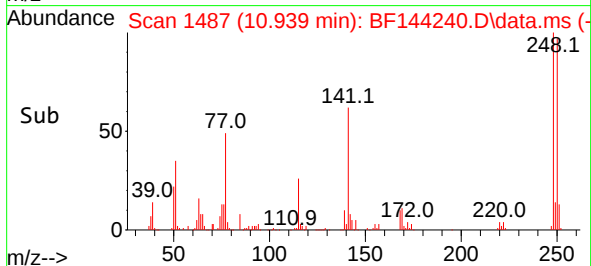
Instrument :
BNA_F
ClientSampleId :
S-1MSD



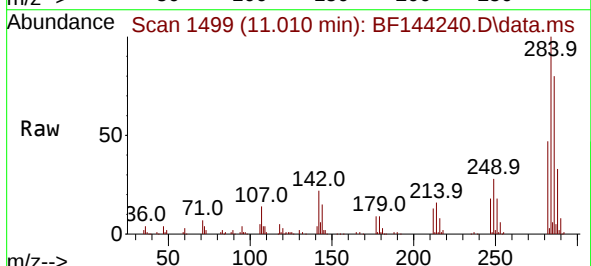
Tgt Ion:248 Resp: 8811
Ion Ratio Lower Upper
248 100
250 97.2 78.4 117.6
141 61.9 45.1 67.7

Manual Integrations
APPROVED

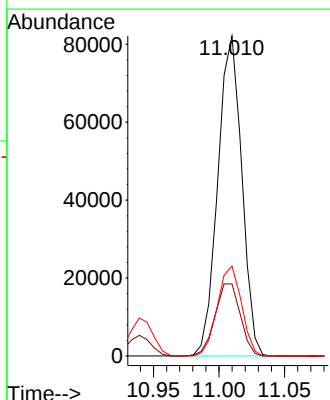
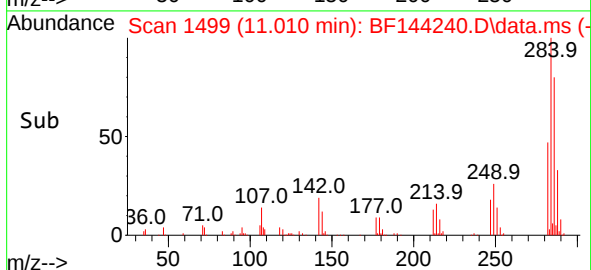
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

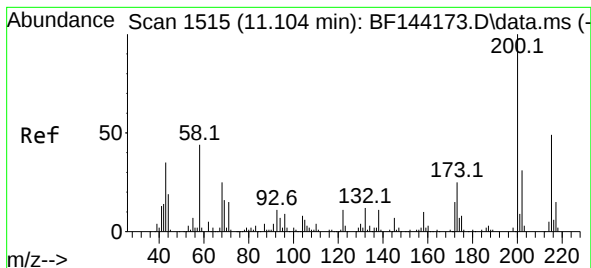


#68
Hexachlorobenzene
Concen: 46.756 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:284 Resp: 104447
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 40.809 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

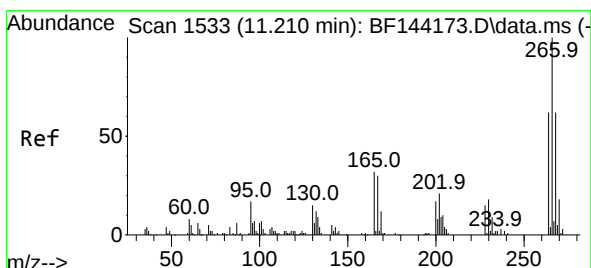
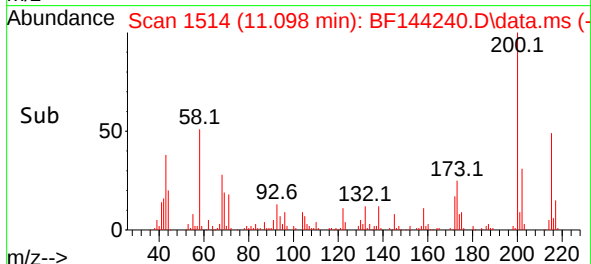
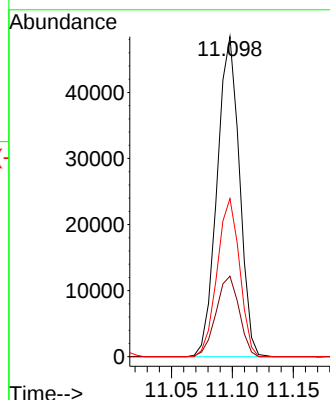
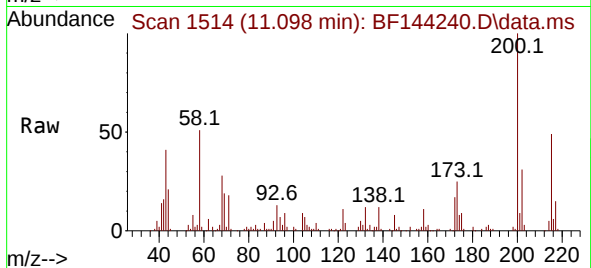
S-1MSD

Tgt Ion:200 Resp: 6202
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.0 45.0
 215 49.4 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025



#70

Pentachlorophenol

Concen: 96.276 ng

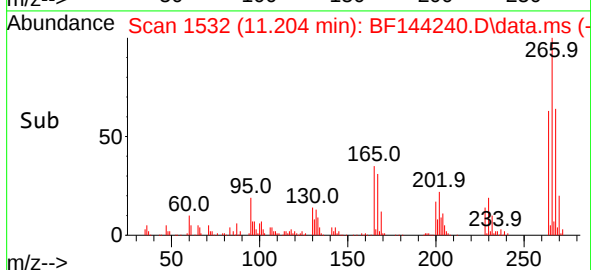
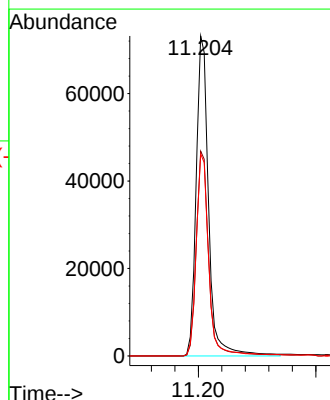
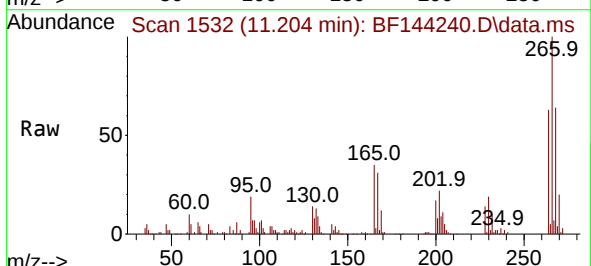
RT: 11.204 min Scan# 1532

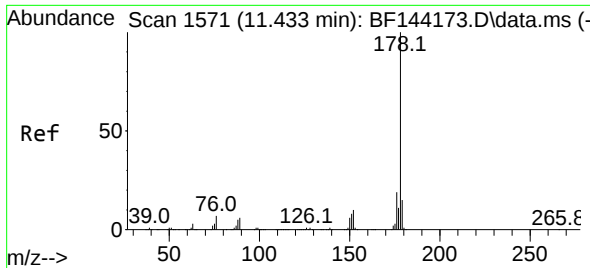
Delta R.T. -0.012 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Tgt Ion:266 Resp: 107096
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.5 74.3
 264 63.1 49.4 74.2





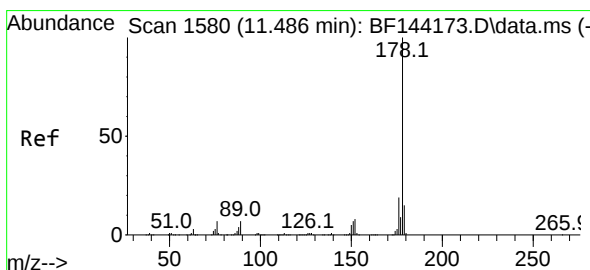
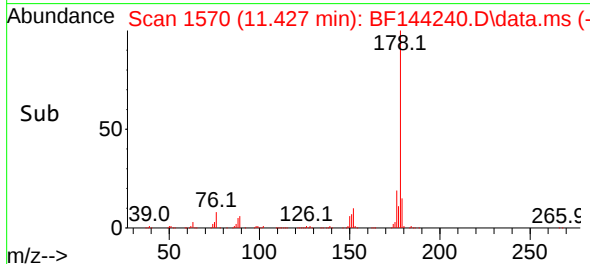
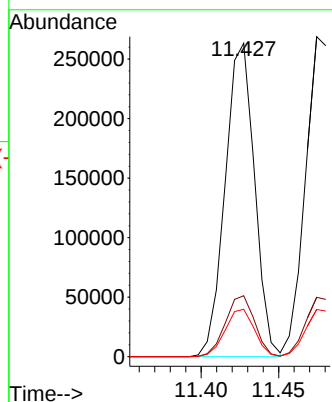
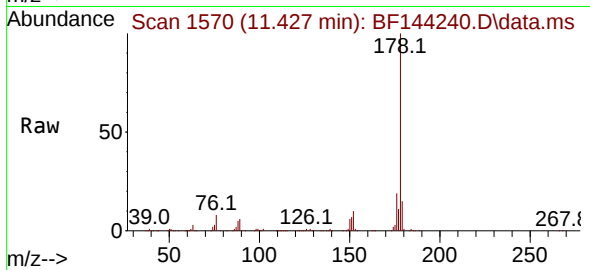
#71
Phenanthrene
Concen: 46.917 ng
RT: 11.427 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Instrument :
BNA_F
ClientSampleId :
S-1MSD

Tgt Ion:178 Resp: 347083
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.1 12.2 18.4

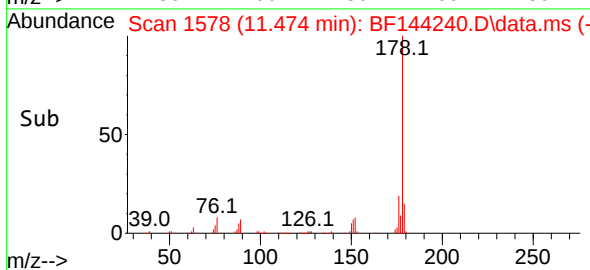
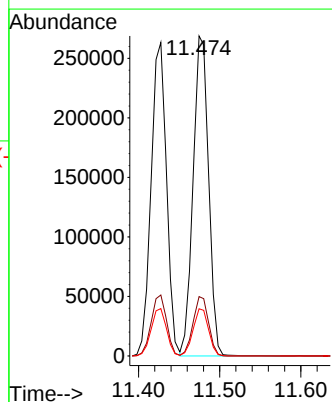
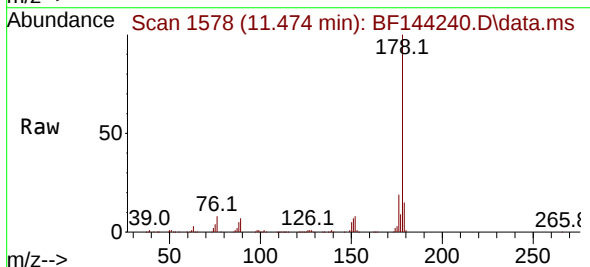
Manual Integrations
APPROVED

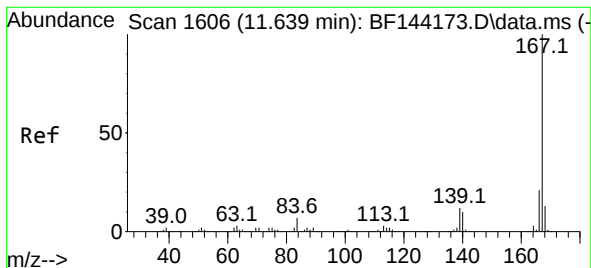
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#72
Anthracene
Concen: 47.500 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

Tgt Ion:178 Resp: 357314
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.8 12.0 18.0





#73

Carbazole

Concen: 44.999 ng

RT: 11.633 min Scan# 1605

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tgt Ion:167 Resp: 28783

Ion Ratio Lower Upper

167 100

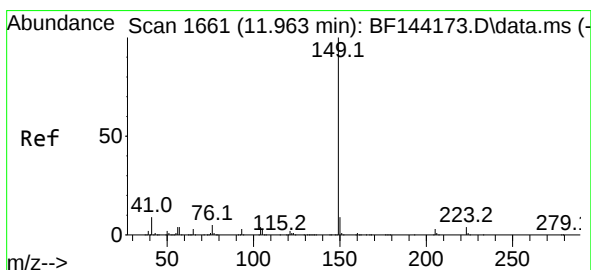
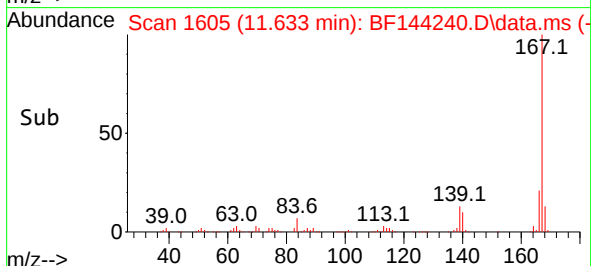
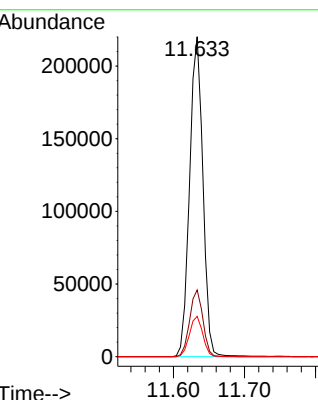
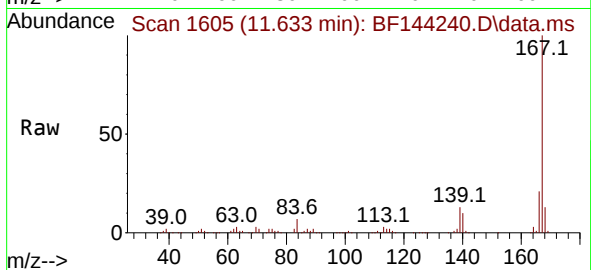
166 20.9 17.2 25.8

139 12.6 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#74

Di-n-butylphthalate

Concen: 50.949 ng

RT: 11.957 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

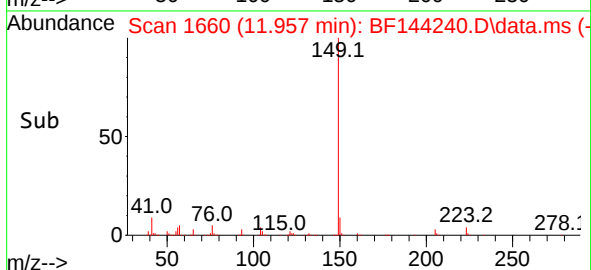
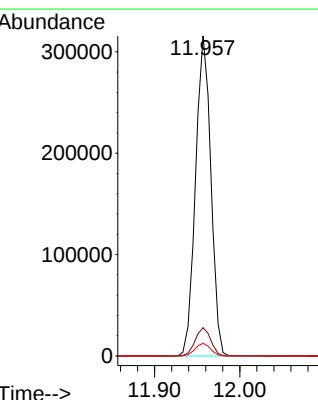
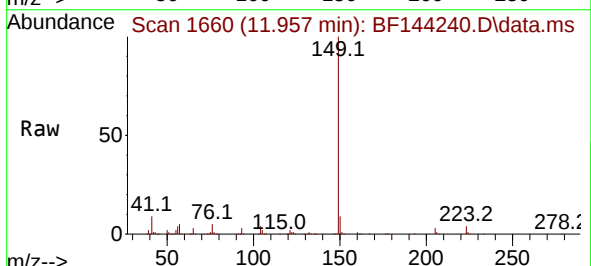
Tgt Ion:149 Resp: 393967

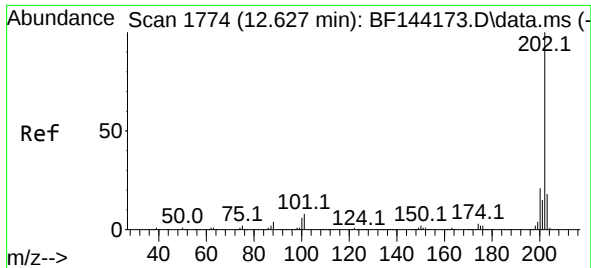
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

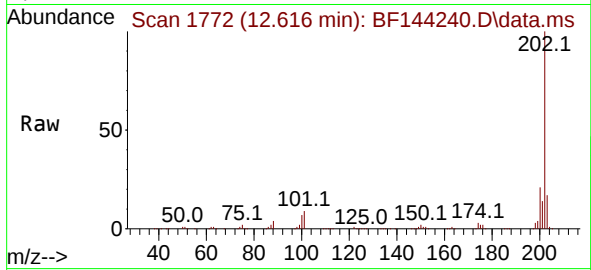
104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 44.254 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

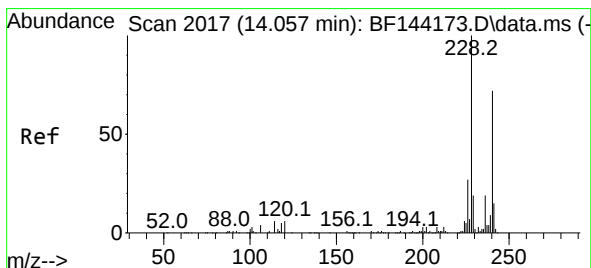
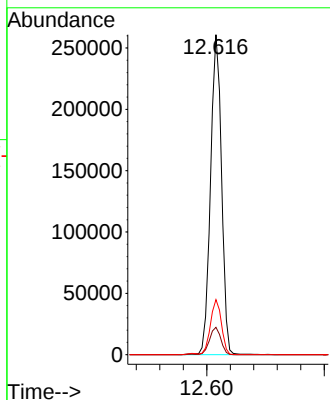
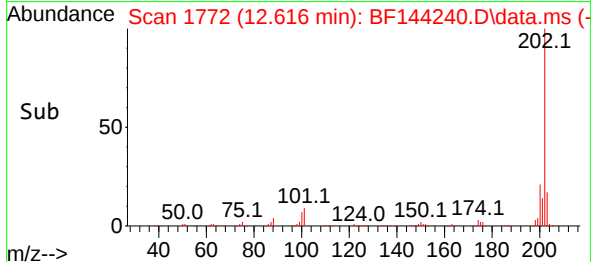
Instrument :
BNA_F
ClientSampleId :
S-1MSD



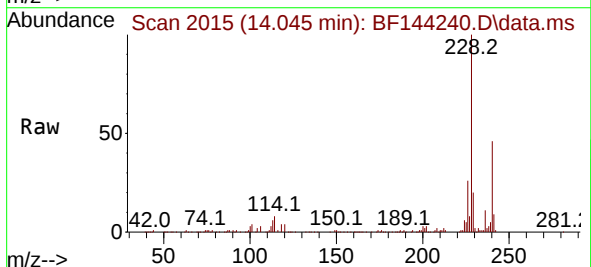
Tgt Ion:202 Resp: 338180
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.9
203 17.2 0.0 37.5

Manual Integrations
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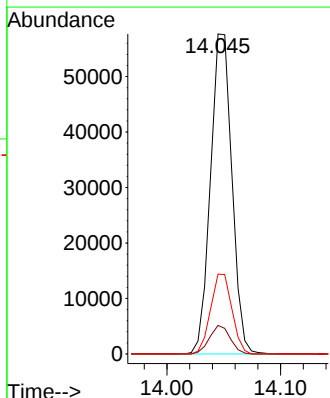
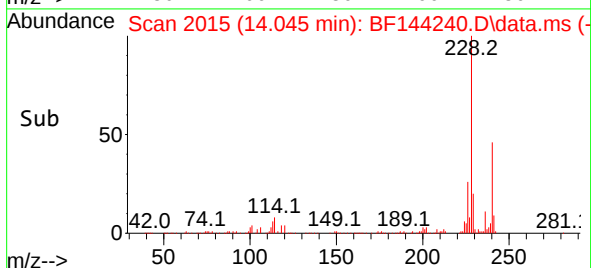
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

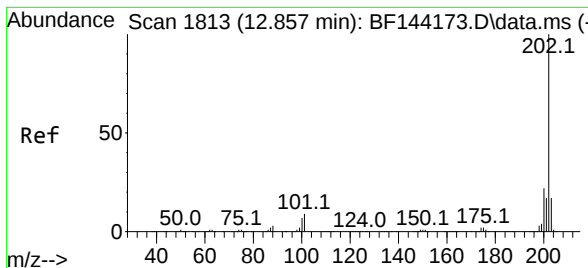


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



Tgt Ion:240 Resp: 75670
Ion Ratio Lower Upper
240 100
120 8.9 6.6 10.0
236 25.0 21.4 32.2





#78

Pyrene

Concen: 53.926 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

Instrument :

BNA_F

ClientSampleId :

S-1MSD

Tgt Ion:202 Resp: 329010

Ion Ratio Lower Upper

202 100

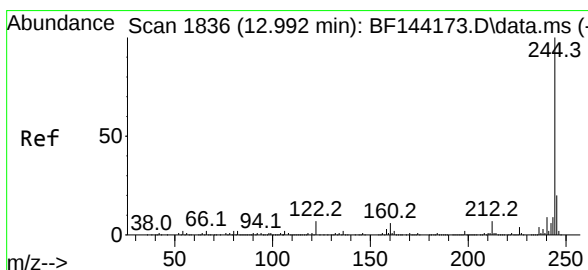
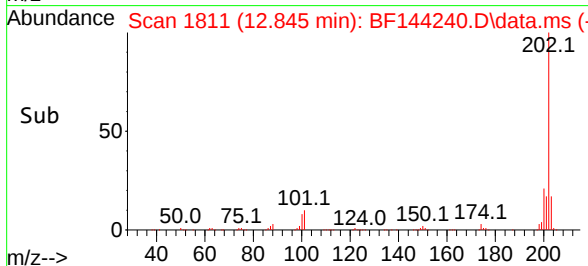
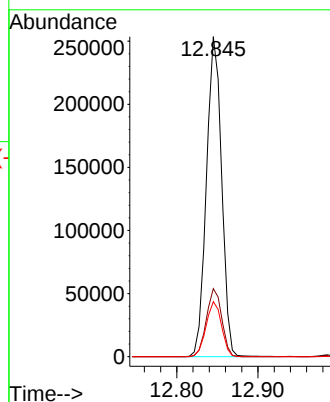
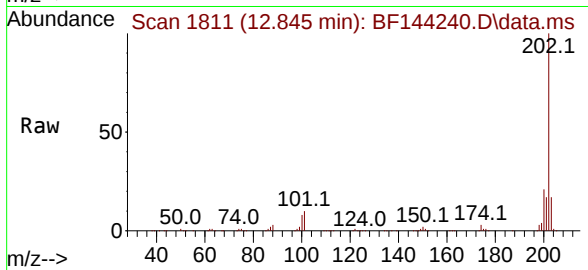
200 21.2 17.2 25.8

203 17.2 13.7 20.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#79

Terphenyl-d14

Concen: 98.569 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144240.D

Acq: 12 Nov 2025 20:49

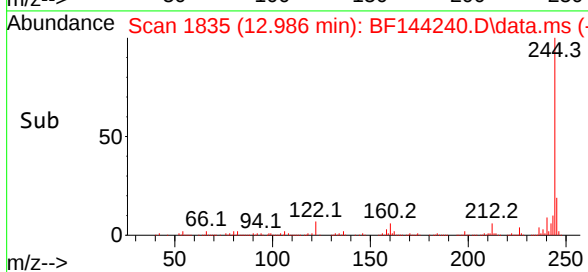
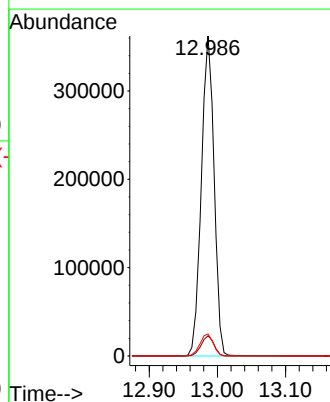
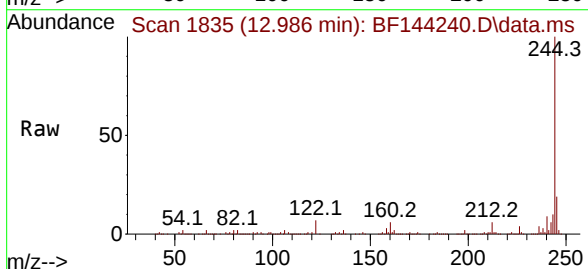
Tgt Ion:244 Resp: 469575

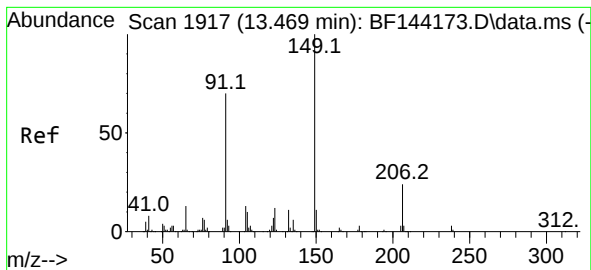
Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

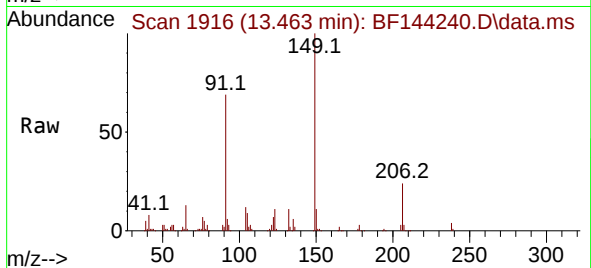
122 6.8 5.6 8.4





#80
Butylbenzylphthalate
Concen: 59.651 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

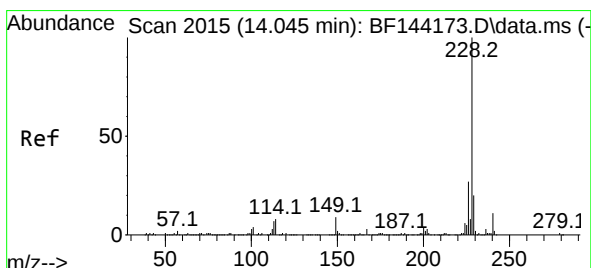
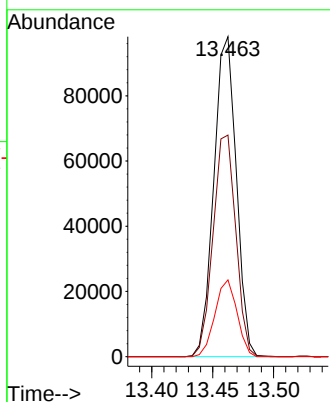
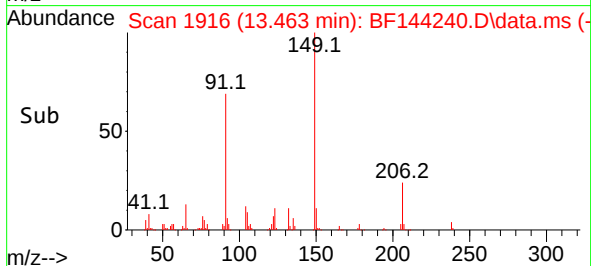
Instrument :
BNA_F
ClientSampleId :
S-1MSD



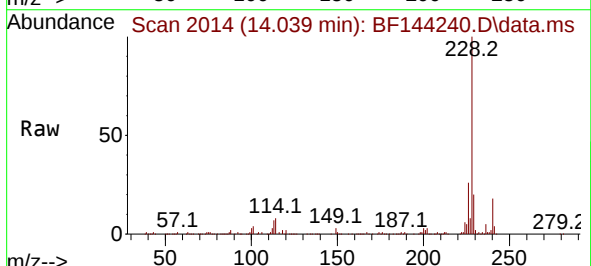
Tgt Ion:149 Resp: 126138
Ion Ratio Lower Upper
149 100
91 69.2 56.1 84.1
206 24.0 18.8 28.2

Manual Integrations
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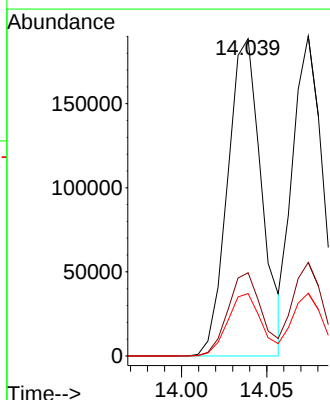
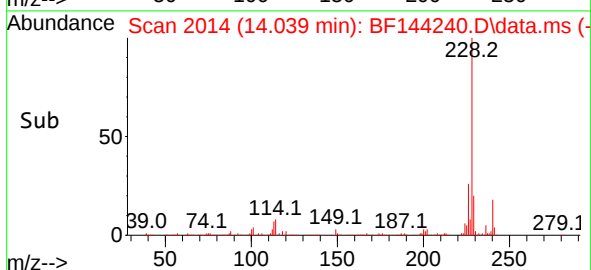
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

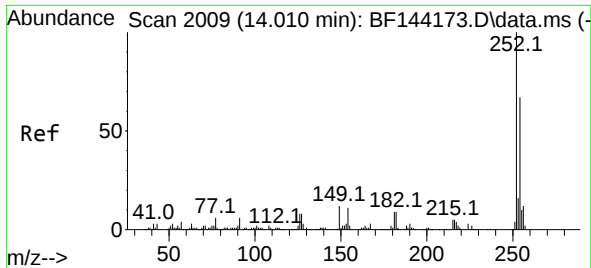


#81
Benzo(a)anthracene
Concen: 50.089 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



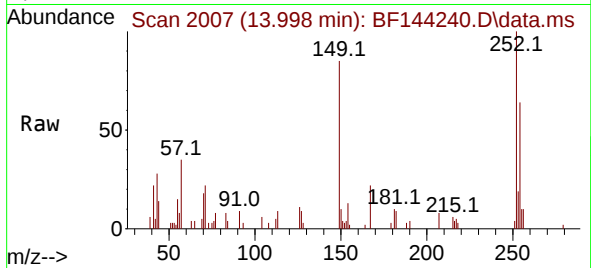
Tgt Ion:228 Resp: 262690
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.8
229 19.7 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 5.042 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

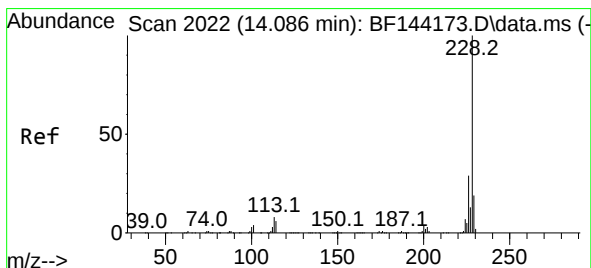
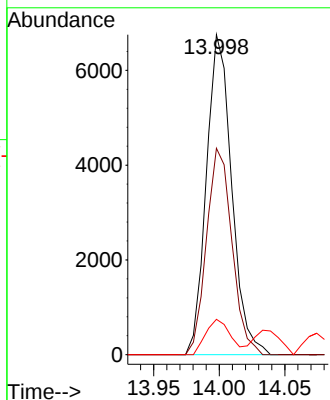
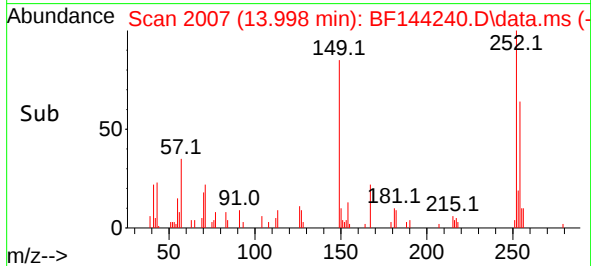
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:252 Resp: 9064
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 11.0 6.4 9.6

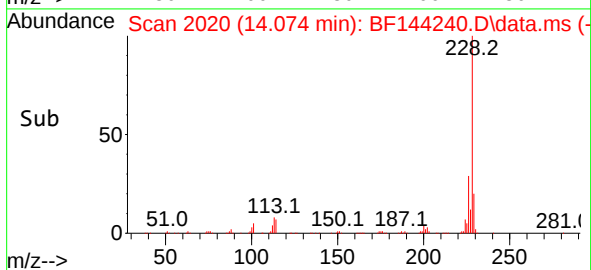
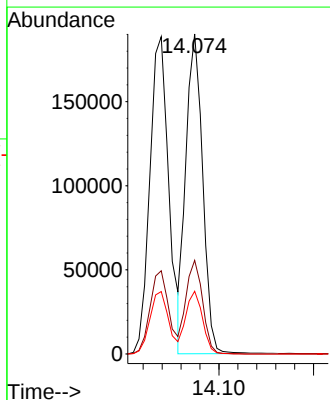
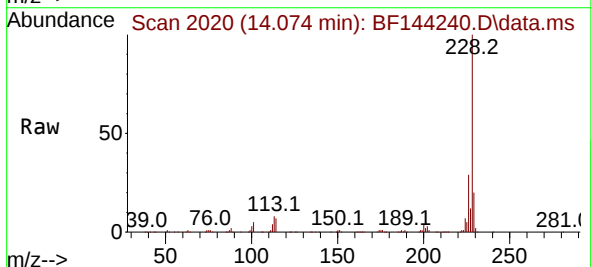
Manual Integrations
APPROVED

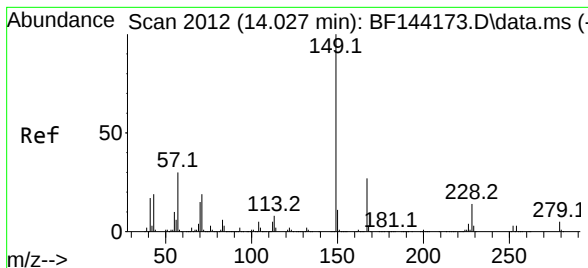
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#83
Chrysene
Concen: 48.341 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

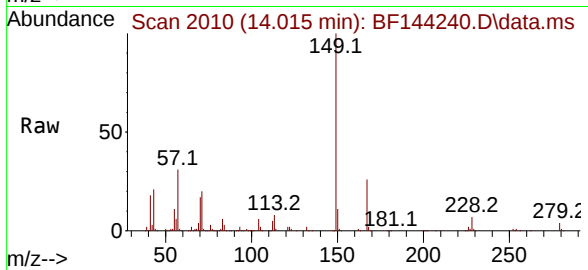
Tgt Ion:228 Resp: 234037
Ion Ratio Lower Upper
228 100
226 29.2 22.9 34.3
229 19.6 15.0 22.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 55.811 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

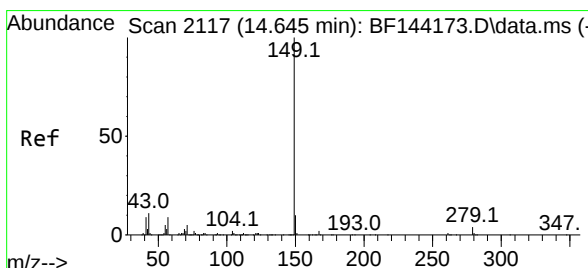
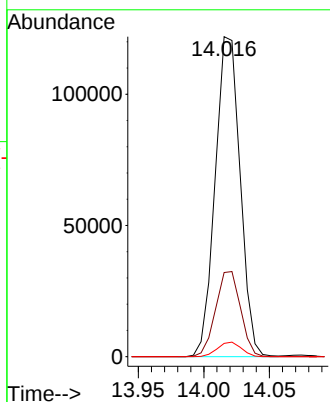
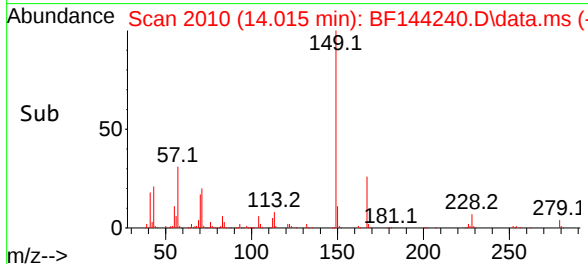
Instrument :
BNA_F
ClientSampleId :
S-1MSD



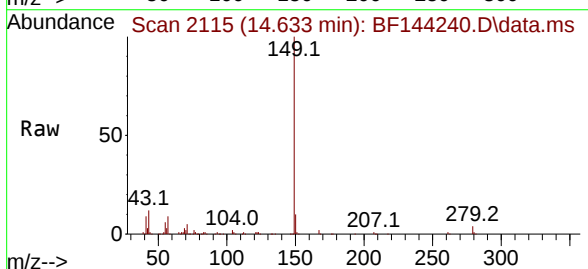
Tgt Ion:149 Resp: 16156
Ion Ratio Lower Upper
149 100
167 26.3 21.8 32.8
279 4.1 3.7 5.5

Manual Integrations
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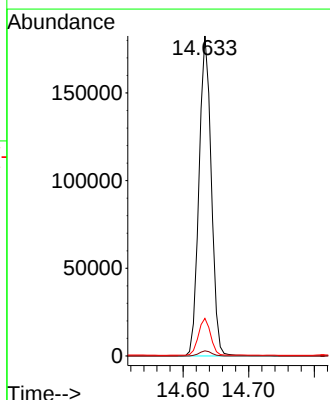
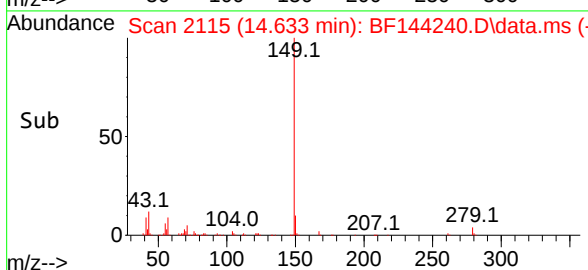
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

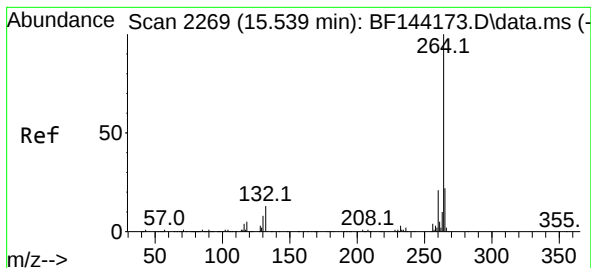


#85
Di-n-octyl phthalate
Concen: 47.677 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



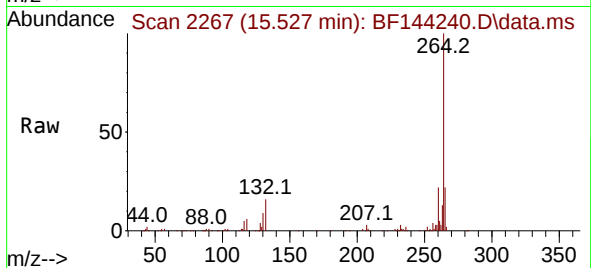
Tgt Ion:149 Resp: 238121
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

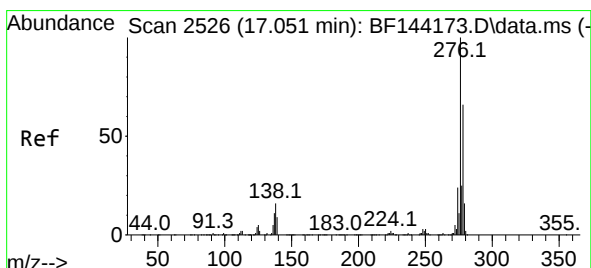
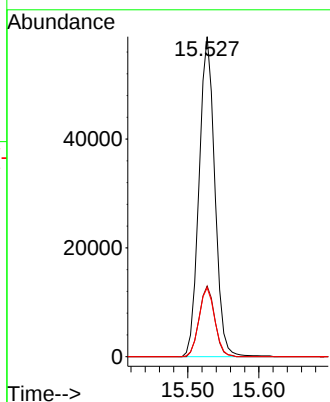
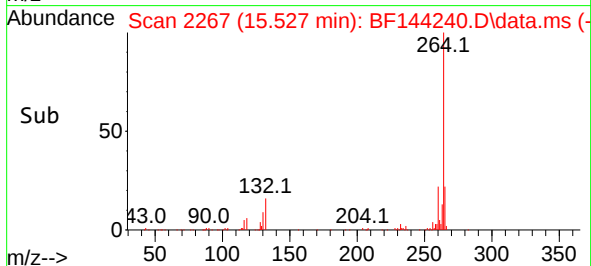
Instrument :
BNA_F
ClientSampleId :
S-1MSD



Tgt Ion:264 Resp: 90928
Ion Ratio Lower Upper
264 100
260 22.1 17.1 25.7
265 21.5 17.4 26.0

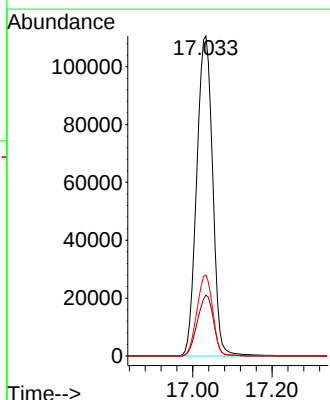
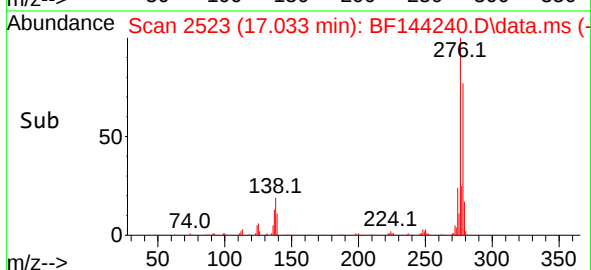
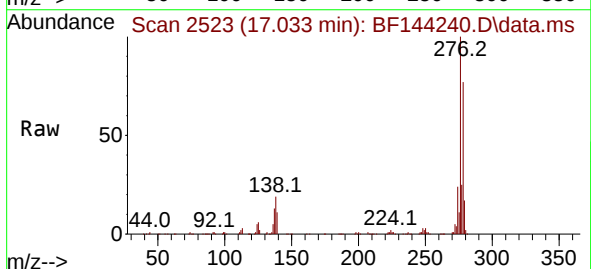
Manual Integrations
APPROVED

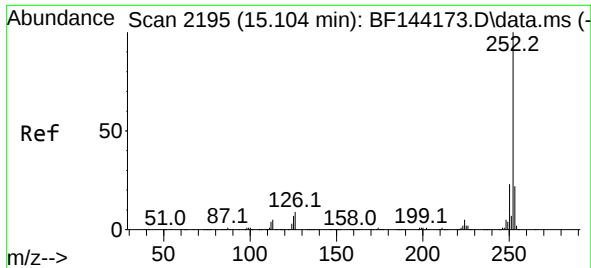
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 47.247 ng
RT: 17.033 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

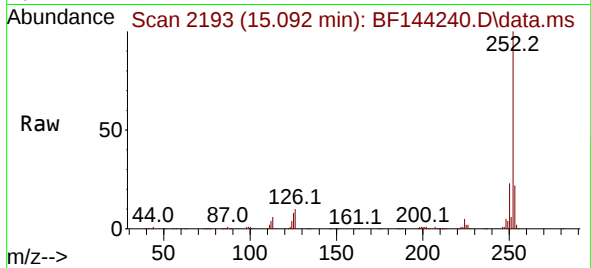
Tgt Ion:276 Resp: 308388
Ion Ratio Lower Upper
276 100
138 19.4 13.9 20.9
277 24.9 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 53.261 ng
RT: 15.092 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

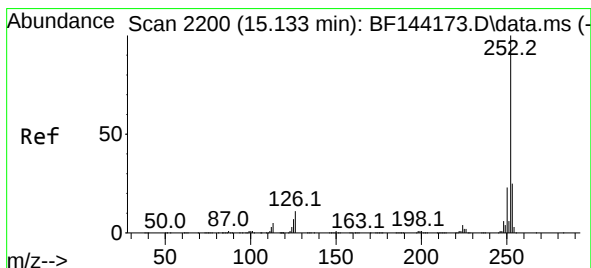
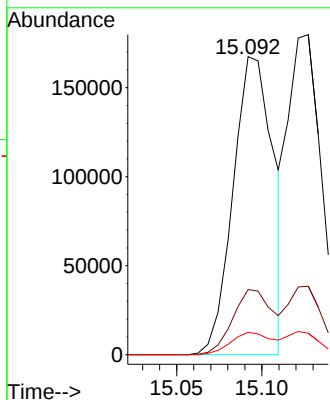
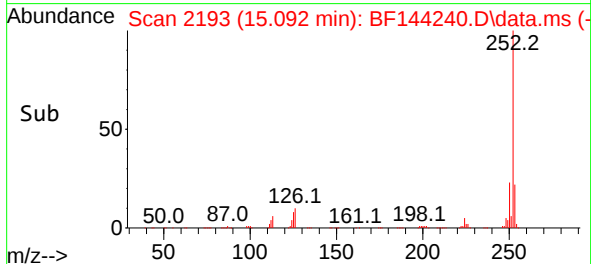
Instrument :
BNA_F
ClientSampleId :
S-1MSD



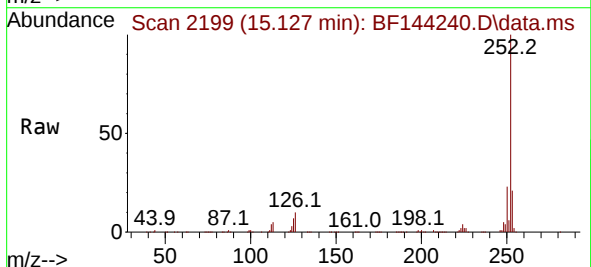
Tgt Ion:252 Resp: 275332
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.5 5.3 7.9

Manual Integrations
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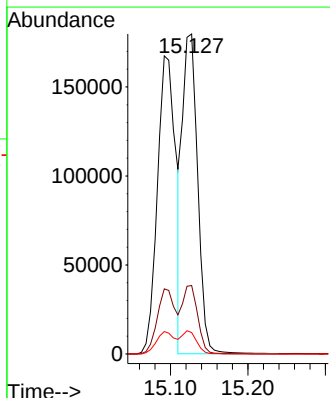
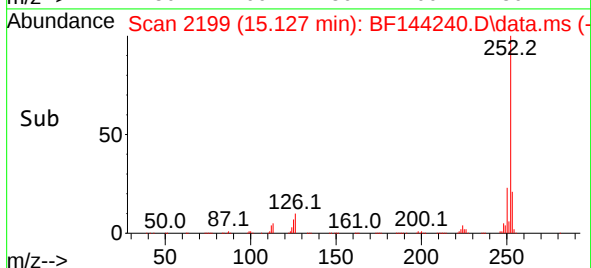
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

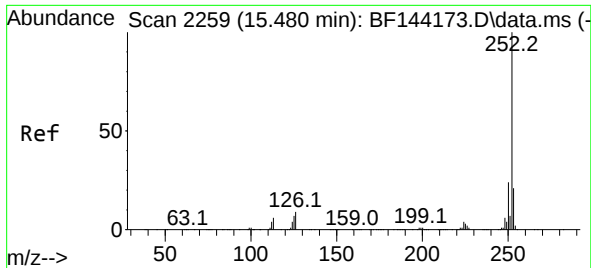


#89
Benzo(k)fluoranthene
Concen: 50.940 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



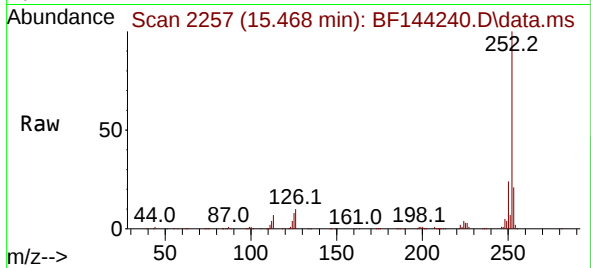
Tgt Ion:252 Resp: 246476
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 6.7 5.4 8.2





#90
Benzo(a)pyrene
Concen: 52.620 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49

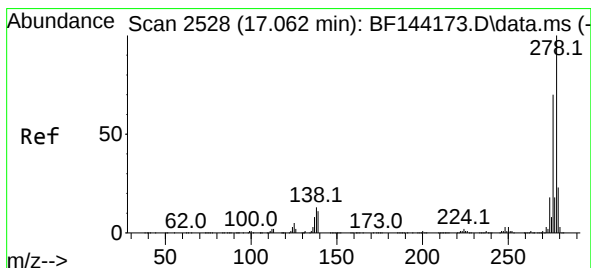
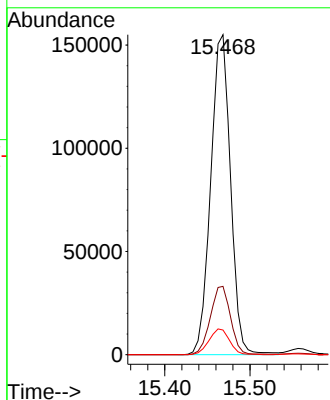
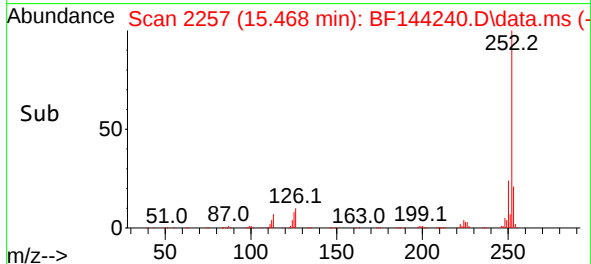
Instrument :
BNA_F
ClientSampleId :
S-1MSD



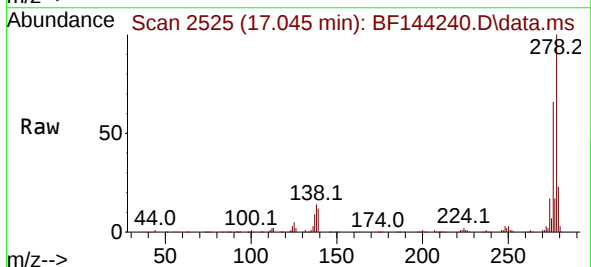
Tgt Ion:252 Resp: 250944
Ion Ratio Lower Upper
252 100
253 21.4 16.7 25.1
125 7.7 5.7 8.5

Manual Integrations
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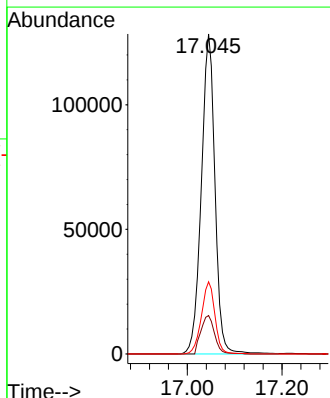
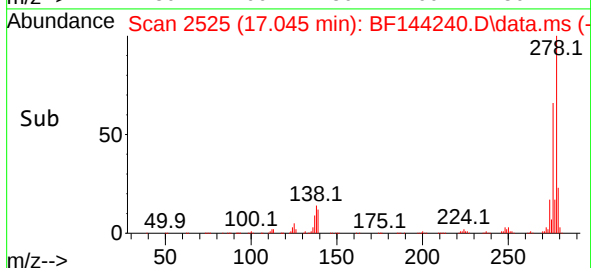
Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

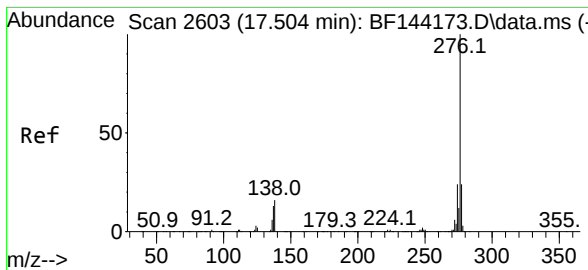


#91
Dibenzo(a,h)anthracene
Concen: 48.952 ng
RT: 17.045 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BF144240.D
Acq: 12 Nov 2025 20:49



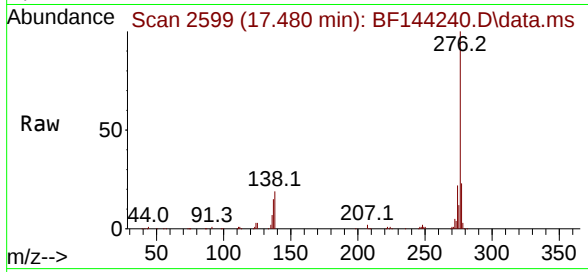
Tgt Ion:278 Resp: 256609
Ion Ratio Lower Upper
278 100
139 12.0 9.1 13.7
279 22.6 18.2 27.4





#92
 Benzo(g,h,i)perylene
 Concen: 47.827 ng
 RT: 17.480 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144240.D
 Acq: 12 Nov 2025 20:49

Instrument :
 BNA_F
 ClientSampleId :
 S-1MSD



Tgt Ion: 276 Resp: 24758

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	18.8	12.9	19.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
 Supervised By :mohammad ahmed 11/14/2025

