

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143734.D
 Acq On : 12 Sep 2025 15:41
 Operator : RC/JU
 Sample : Q3082-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Quant Time: Sep 12 16:03:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	29758	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	104877	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	50731	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	79496	20.000	ng	0.01
76) Chrysene-d12	14.068	240	80966	20.000	ng	0.02
86) Perylene-d12	15.545	264	83824	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	163851	93.942	ng	0.02
7) Phenol-d6	6.516	99	199842	94.101	ng	0.01
23) Nitrobenzene-d5	7.457	82	122807	72.835	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	49124	96.085	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	231733	69.003	ng	0.00
79) Terphenyl-d14	13.004	244	230488	46.132	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	36690	47.158	ng	94
3) Pyridine	3.493	79	85913	42.747	ng	97
4) n-Nitrosodimethylamine	3.440	42	38616	50.582	ng	97
6) Aniline	6.557	93	86771	30.849	ng	98
8) 2-Chlorophenol	6.681	128	89761	47.650	ng	94
9) Benzaldehyde	6.445	77	58491	34.136	ng	98
10) Phenol	6.534	94	111580	47.531	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	84393	48.134	ng	98
12) 1,3-Dichlorobenzene	6.839	146	107084	49.705	ng	98
13) 1,4-Dichlorobenzene	6.916	146	106121	48.802	ng	99
14) 1,2-Dichlorobenzene	7.063	146	100936	49.154	ng	100
15) Benzyl Alcohol	7.034	79	73511	47.586	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	98149	42.789	ng	96
17) 2-Methylphenol	7.139	107	69826	46.079	ng	98
18) Hexachloroethane	7.410	117	33065	47.071	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	59458	45.586	ng	96
20) 3+4-Methylphenols	7.292	107	90979	45.592	ng	92
22) Acetophenone	7.304	105	133310	56.281	ng	98
24) Nitrobenzene	7.475	77	84636	48.410	ng	98
25) Isophorone	7.716	82	156029	48.259	ng	99
26) 2-Nitrophenol	7.792	139	43363	50.446	ng	99
27) 2,4-Dimethylphenol	7.822	122	79147	51.289	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	96829	48.733	ng	99
29) 2,4-Dichlorophenol	8.028	162	70413	45.361	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	80401	49.995	ng	99
31) Naphthalene	8.198	128	248954	47.952	ng	99
32) Benzoic acid	7.928	122	52053	55.289	ng	93
33) 4-Chloroaniline	8.245	127	33105	18.316	ng	97
34) Hexachlorobutadiene	8.316	225	50878	48.504	ng	100
35) Caprolactam	8.604	113	18563	44.930	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	65488	42.786	ng	97
37) 2-Methylnaphthalene	8.892	142	146179	41.131	ng	100
38) 1-Methylnaphthalene	8.986	142	150376	44.090	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	83402	57.426	ng	99
41) Hexachlorocyclopentadiene	9.045	237	72904	97.775	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	47424	48.901	ng	99

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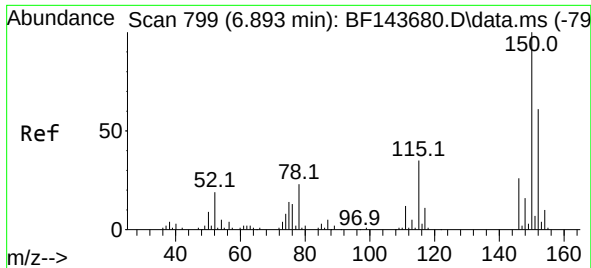
Manual Integrations
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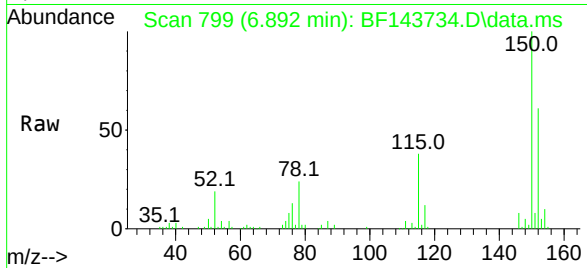
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	48598	49.293	ng	98
46) 1,1'-Biphenyl	9.357	154	215017	58.873	ng	100
47) 2-Chloronaphthalene	9.380	162	145489	50.814	ng	100
48) 2-Nitroaniline	9.469	65	39337	51.916	ng	98
49) Acenaphthylene	9.798	152	238771	58.218	ng	99
50) Dimethylphthalate	9.651	163	170816	51.751	ng	99
51) 2,6-Dinitrotoluene	9.716	165	35569	56.361	ng	92
52) Acenaphthene	9.969	154	138672	49.067	ng	99
53) 3-Nitroaniline	9.880	138	25331	37.298	ng	99
54) 2,4-Dinitrophenol	9.980	184	12128	38.819	ng	# 1
55) Dibenzofuran	10.139	168	199671	49.132	ng	99
56) 4-Nitrophenol	10.033	139	58078	107.489	ng	97
57) 2,4-Dinitrotoluene	10.116	165	45966	53.516	ng	97
58) Fluorene	10.480	166	157449	49.494	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	41032	51.327	ng	97
60) Diethylphthalate	10.351	149	155972	50.333	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	77346	47.941	ng	99
62) 4-Nitroaniline	10.492	138	29903	46.488	ng	99
63) Azobenzene	10.633	77	147306	53.771	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	9433	23.306	ng	97
66) n-Nitrosodiphenylamine	10.592	169	134649	51.703	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	46520	48.527	ng	99
68) Hexachlorobenzene	11.033	284	48080	47.499	ng	98
69) Atrazine	11.116	200	43381	53.127	ng	99
70) Pentachlorophenol	11.221	266	68852	112.521	ng	97
71) Phenanthrene	11.445	178	289080	65.999	ng	100
72) Anthracene	11.498	178	240397	54.583	ng	99
73) Carbazole	11.651	167	200333	55.541	ng	99
74) Di-n-butylphthalate	11.980	149	242324	55.803	ng	100
75) Fluoranthene	12.639	202	339928	84.538	ng	99
77) Benzidine	12.757	184	85451	32.364	ng	100
78) Pyrene	12.868	202	346357	53.503	ng	99
80) Butylbenzylphthalate	13.480	149	105327	51.929	ng	98
81) Benzo(a)anthracene	14.057	228	328266	63.021	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	66996	41.808	ng	99
83) Chrysene	14.092	228	283018	59.325	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	156671	54.137	ng	99
85) Di-n-octyl phthalate	14.657	149	279866	53.965	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.051	276	225632	39.440	ng	97
88) Benzo(b)fluoranthene	15.115	252	313989	62.925	ng	98
89) Benzo(k)fluoranthene	15.145	252	283177m	62.881	ng	
90) Benzo(a)pyrene	15.486	252	277581	63.320	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	178998	37.713	ng	98
92) Benzo(g,h,i)perylene	17.503	276	171026	38.523	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

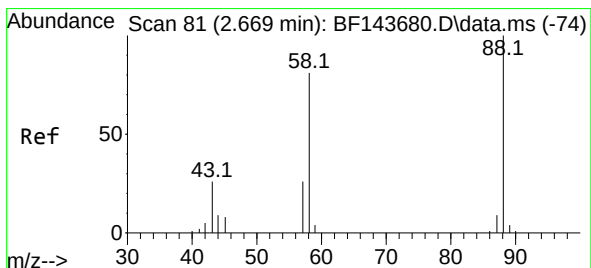
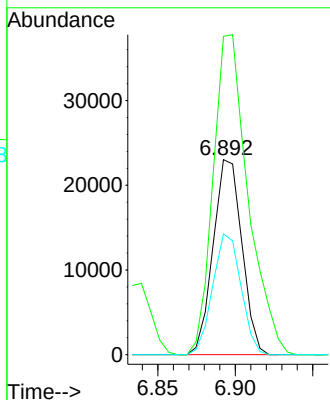
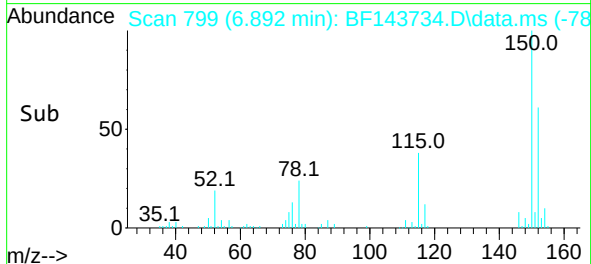
Instrument :
BNA_F
ClientSampleId :
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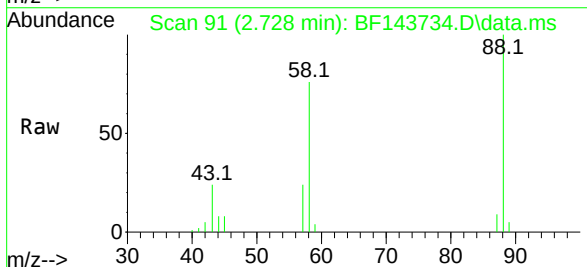
Tgt Ion:152 Resp: 29758
Ion Ratio Lower Upper
152 100
150 163.3 130.7 196.1
115 62.0 45.9 68.9

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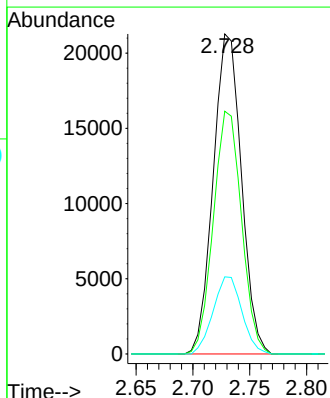
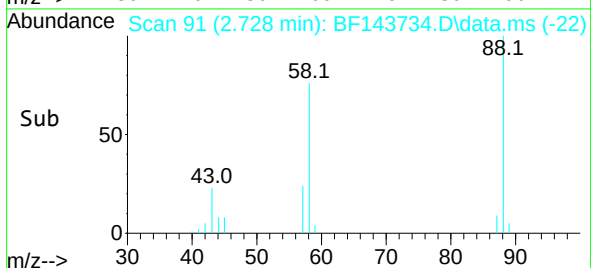
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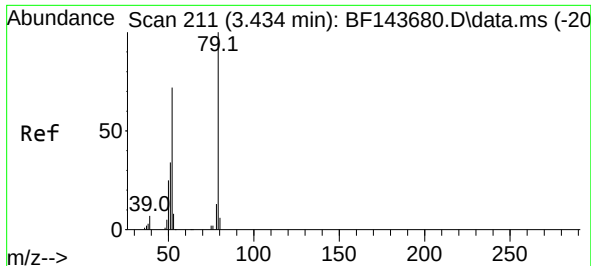


#2
1,4-Dioxane
Concen: 47.158 ng
RT: 2.728 min Scan# 91
Delta R.T. 0.059 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



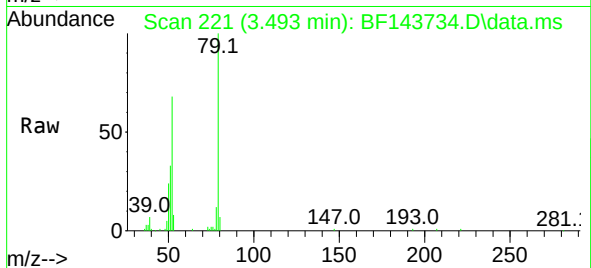
Tgt Ion: 88 Resp: 36690
Ion Ratio Lower Upper
88 100
58 75.7 65.8 98.6
43 24.6 20.6 31.0





#3
Pyridine
Concen: 42.747 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

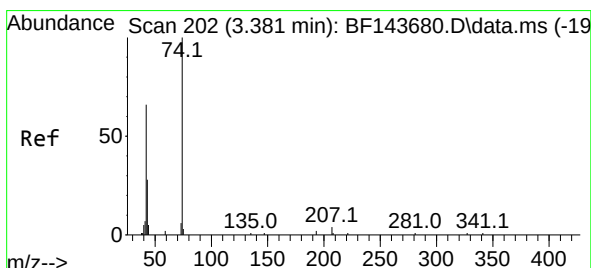
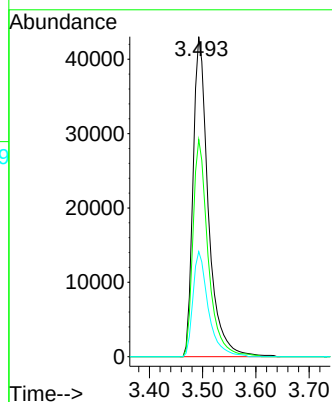
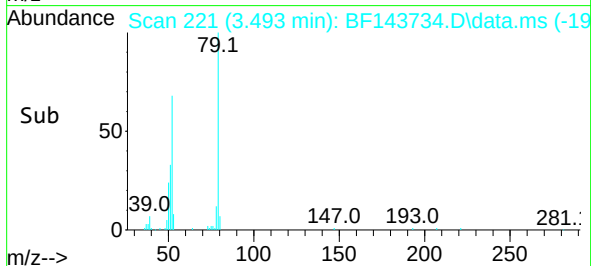
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion: 79 Resp: 8591
Ion Ratio Lower Upper
79 100
52 67.9 57.2 85.8
51 32.9 27.0 40.6

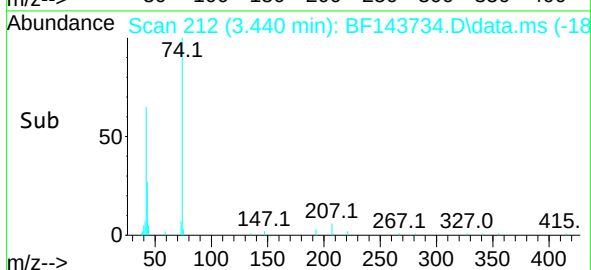
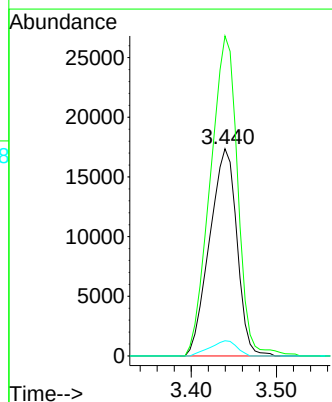
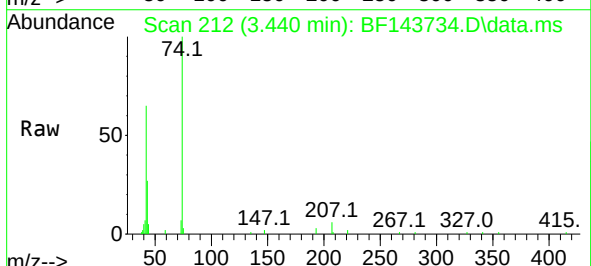
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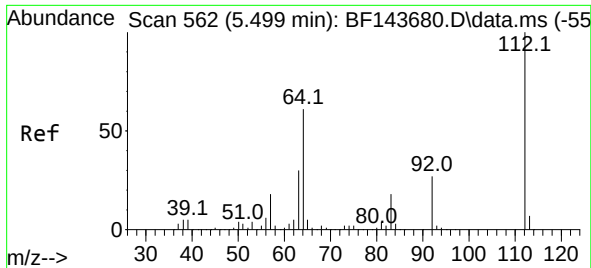
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Supervised By :Jagrut Upadhyay 09/15/2025



#4
n-Nitrosodimethylamine
Concen: 50.582 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion: 42 Resp: 38616
Ion Ratio Lower Upper
42 100
74 154.5 120.9 181.3
44 7.4 6.5 9.7





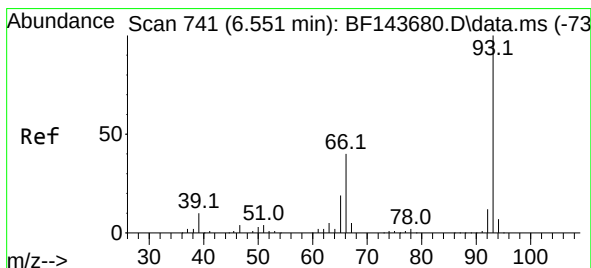
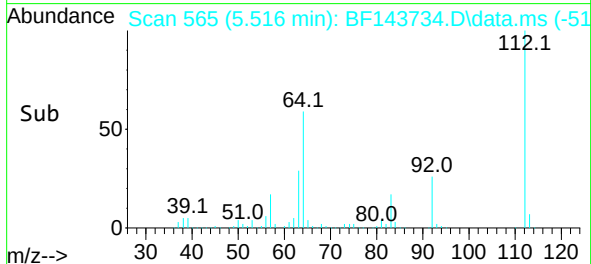
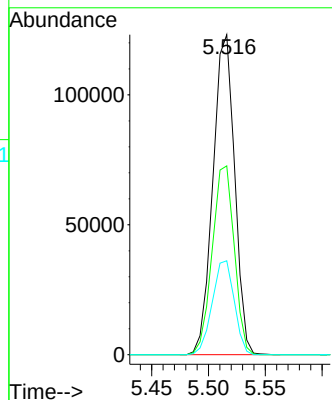
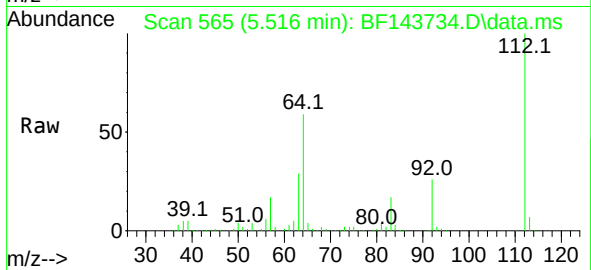
#5
2-Fluorophenol
Concen: 93.942 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
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ClientSampleId :
WC-31MS

Tgt Ion:112 Resp: 16385
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.4
63 29.4 24.3 36.5

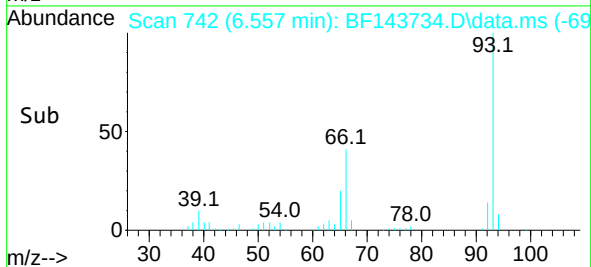
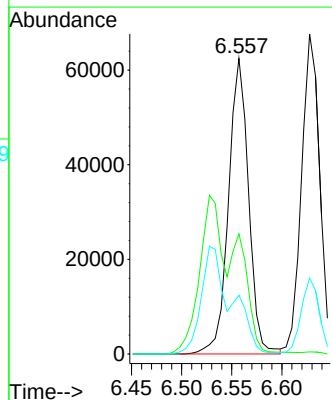
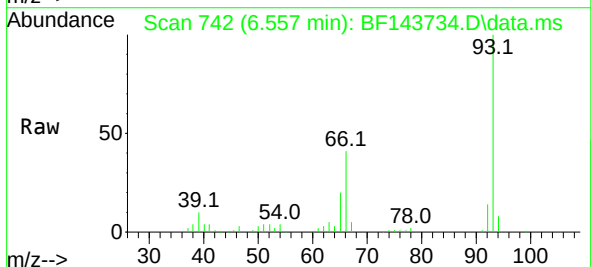
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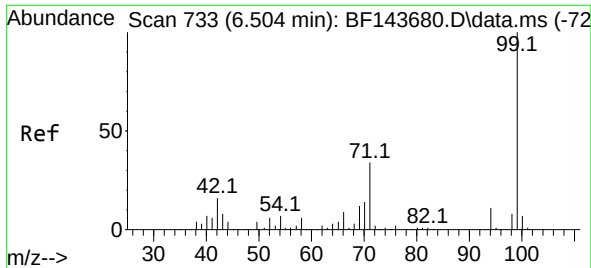
Reviewed By :Rahul Chavli 09/15/2025
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#6
Aniline
Concen: 30.849 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

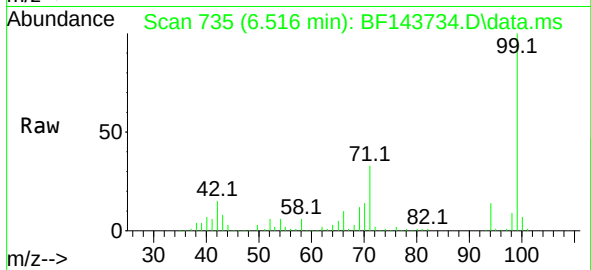
Tgt Ion: 93 Resp: 86771
Ion Ratio Lower Upper
93 100
66 40.7 34.1 51.1
65 19.9 16.1 24.1





#7
Phenol-d6
Concen: 94.101 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

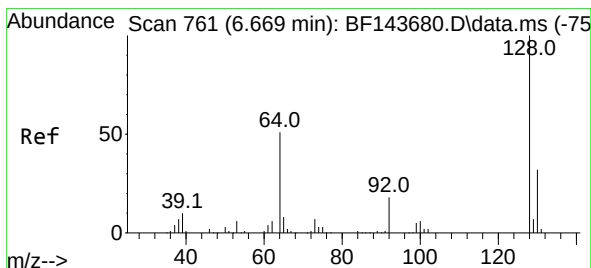
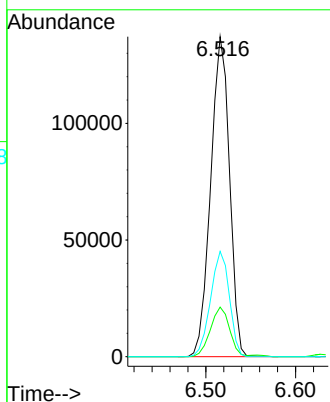
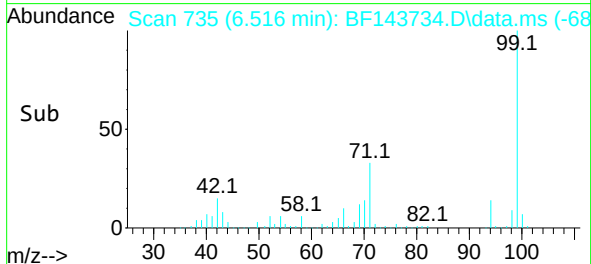
Instrument :
BNA_F
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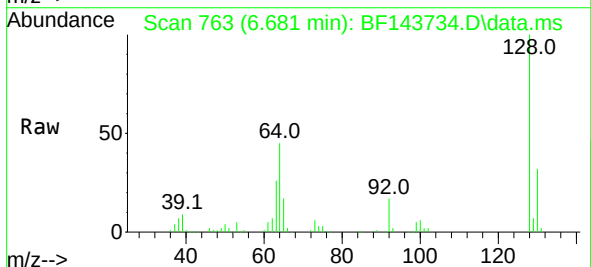
Tgt Ion: 99 Resp: 19984
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 32.9 27.4 41.2

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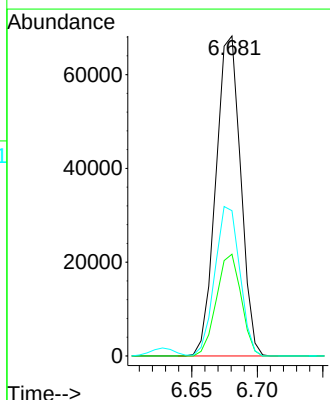
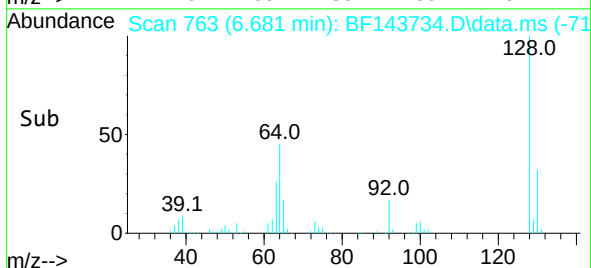
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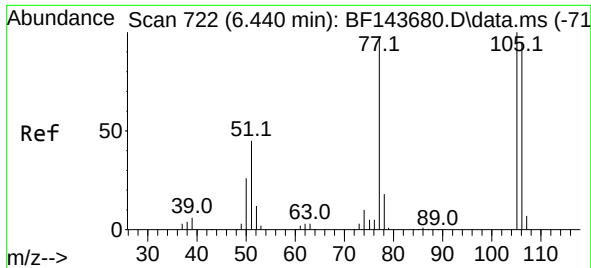


#8
2-Chlorophenol
Concen: 47.650 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:128 Resp: 89761
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 45.4 31.9 71.9





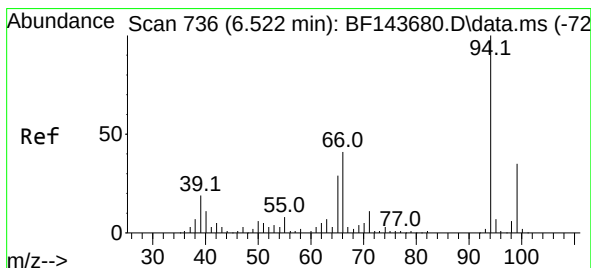
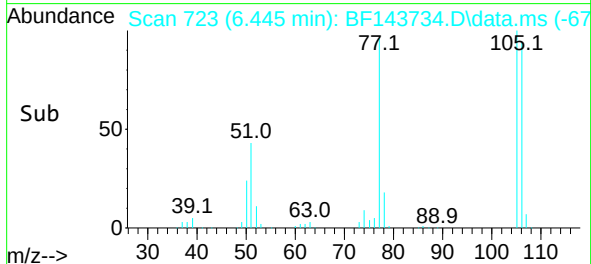
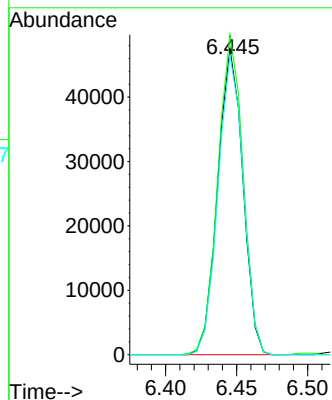
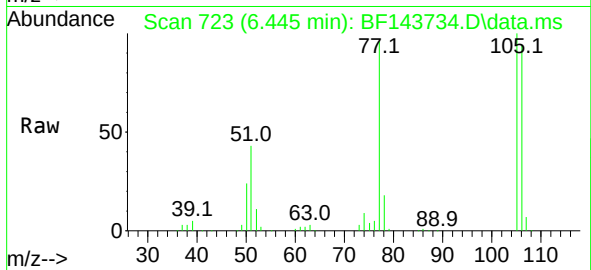
#9
Benzaldehyde
Concen: 34.136 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion: 77 Resp: 5849
Ion Ratio Lower Upper
77 100
105 104.5 81.7 121.7
106 97.7 76.9 116.9

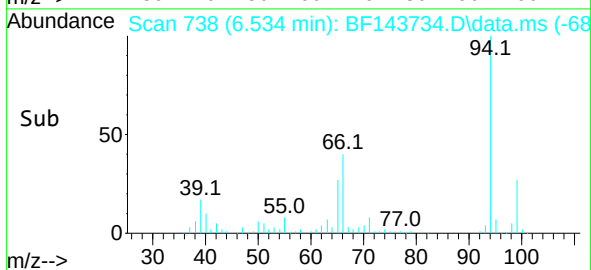
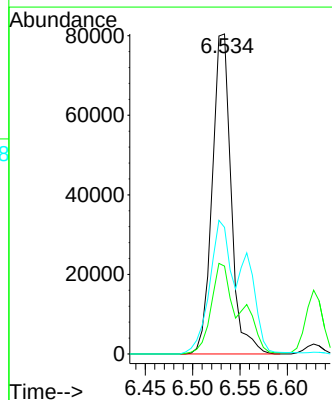
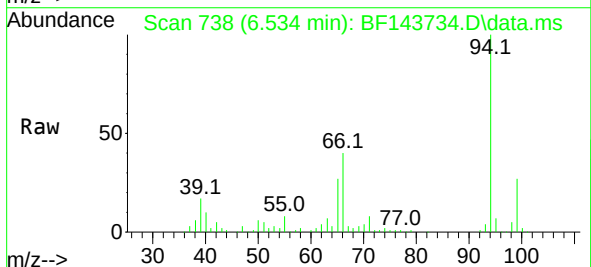
Manual Integrations
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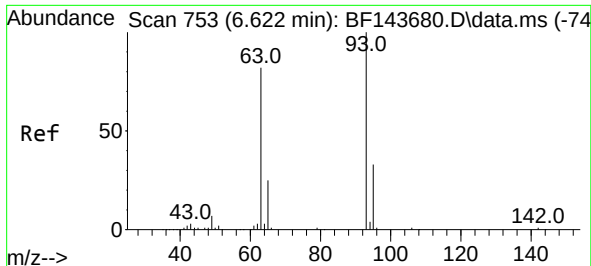
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#10
Phenol
Concen: 47.531 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion: 94 Resp: 111580
Ion Ratio Lower Upper
94 100
65 27.5 9.1 49.1
66 39.6 20.8 60.8





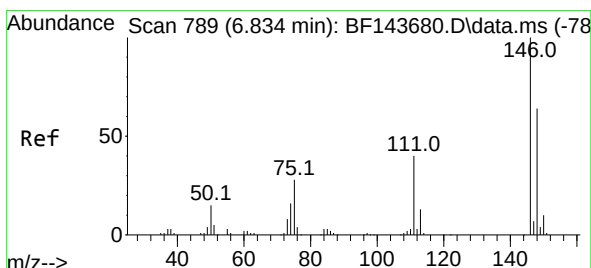
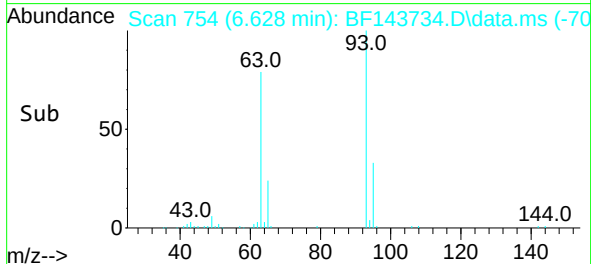
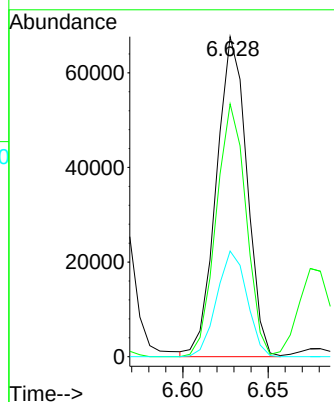
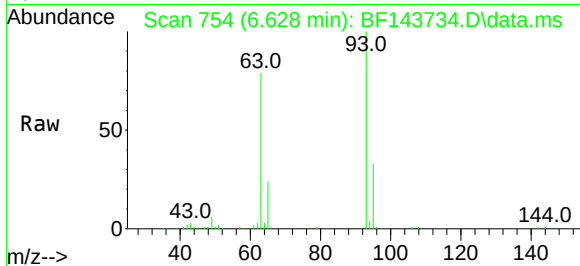
#11
bis(2-Chloroethyl)ether
Concen: 48.134 ng
RT: 6.628 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion: 93 Resp: 8439
Ion Ratio Lower Upper
93 100
63 79.0 61.8 101.8
95 33.0 12.6 52.6

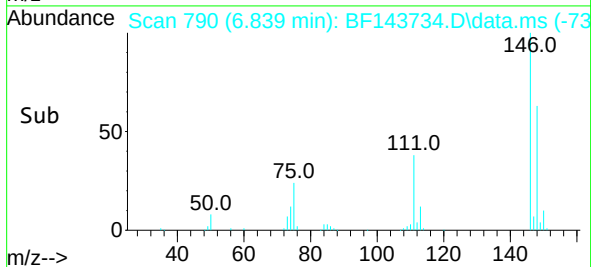
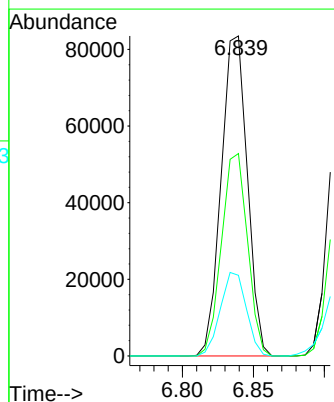
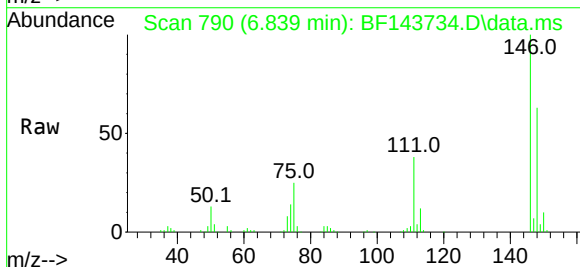
Manual Integrations
APPROVED

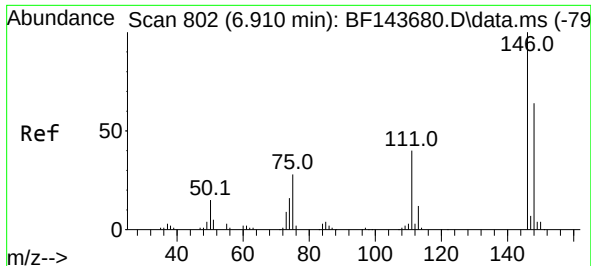
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#12
1,3-Dichlorobenzene
Concen: 49.705 ng
RT: 6.839 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

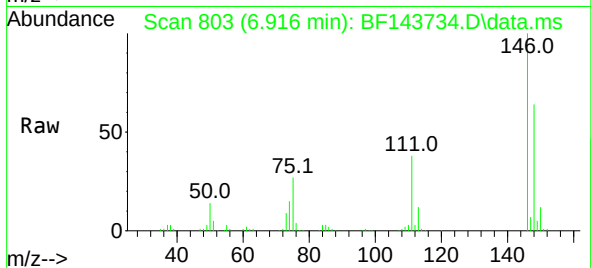
Tgt Ion:146 Resp: 107084
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 25.2 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 48.802 ng
RT: 6.916 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

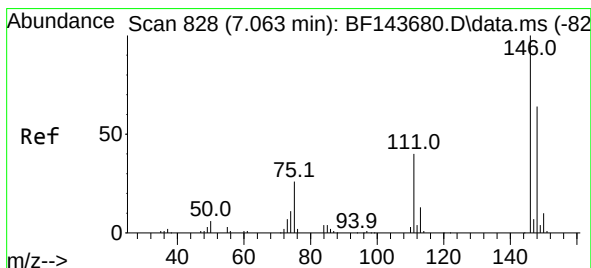
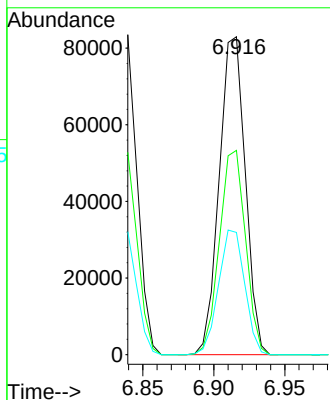
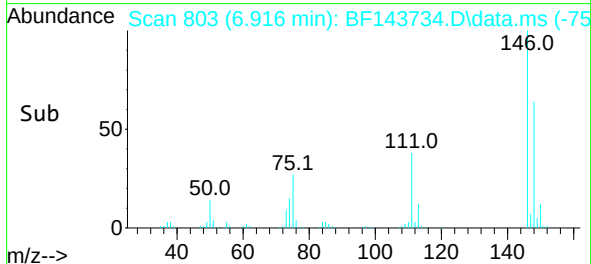
Instrument :
BNA_F
ClientSampleId :
WC-31MS



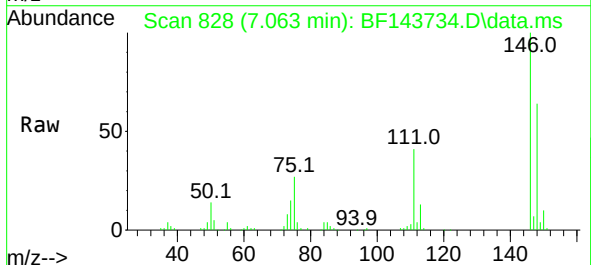
Tgt Ion:146 Resp: 10612
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 38.4 31.8 47.8

Manual Integrations
APPROVED

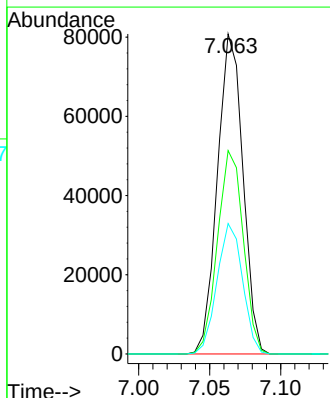
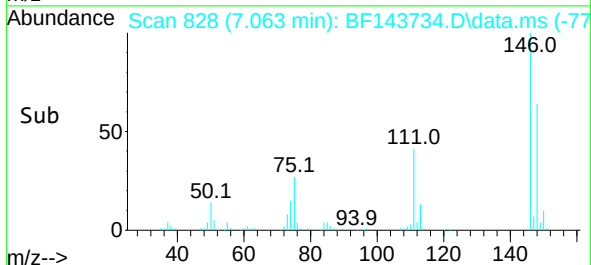
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

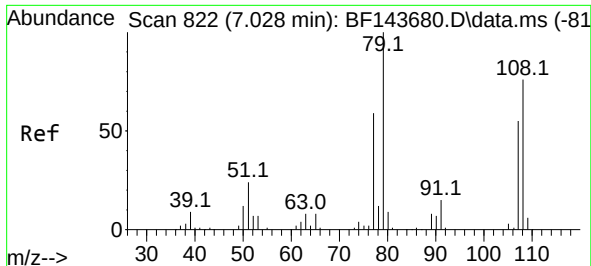


#14
1,2-Dichlorobenzene
Concen: 49.154 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:146 Resp: 100936
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 40.8 32.3 48.5





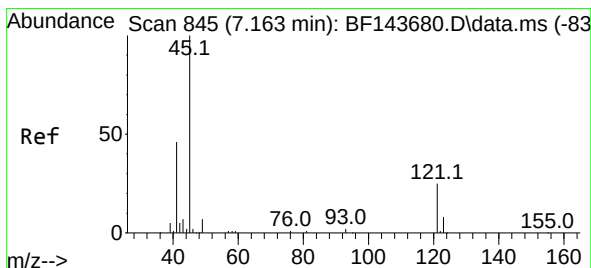
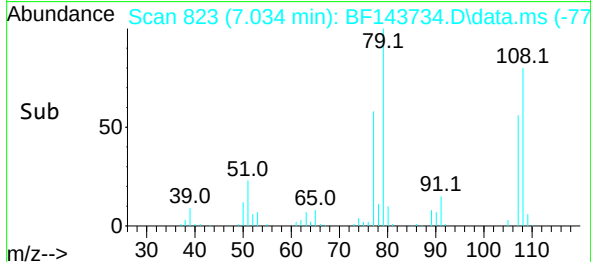
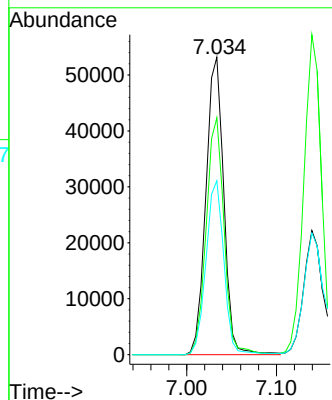
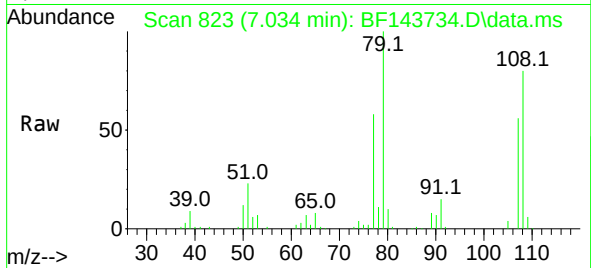
#15
Benzyl Alcohol
Concen: 47.586 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion: 79 Resp: 7351
Ion Ratio Lower Upper
79 100
108 79.7 60.9 91.3
77 58.5 47.4 71.2

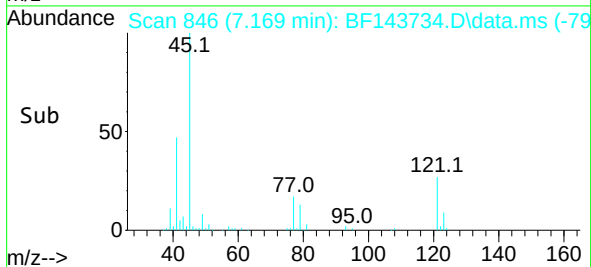
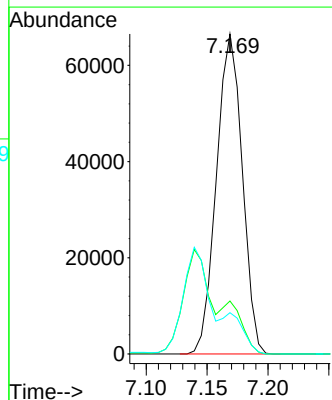
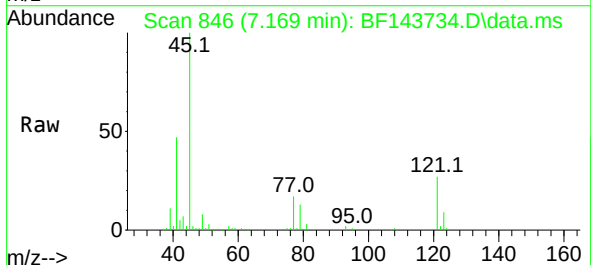
Manual Integrations
APPROVED

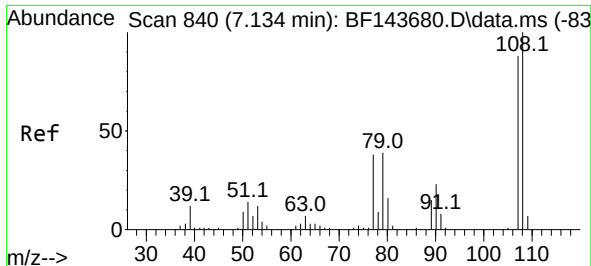
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.789 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion: 45 Resp: 98149
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.6
79 12.9 0.0 31.3





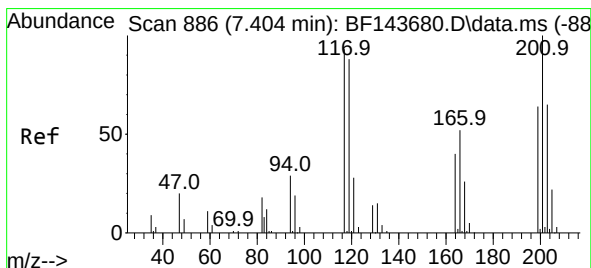
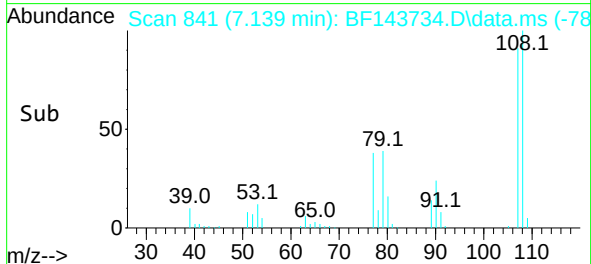
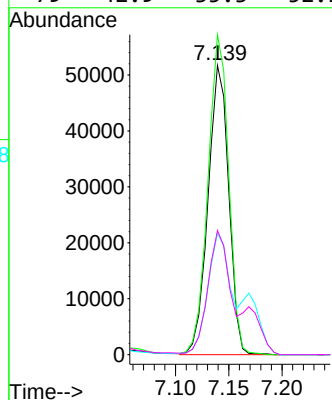
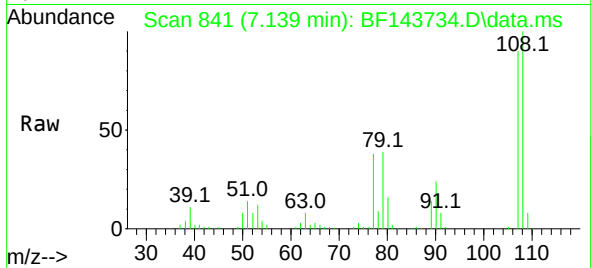
#17
2-Methylphenol
Concen: 46.079 ng
RT: 7.139 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion:	107	Resp:	69820
Ion Ratio	Lower	Upper	
107	100		
108	110.6	90.9	136.3
77	42.0	34.4	51.6
79	42.9	35.3	52.9

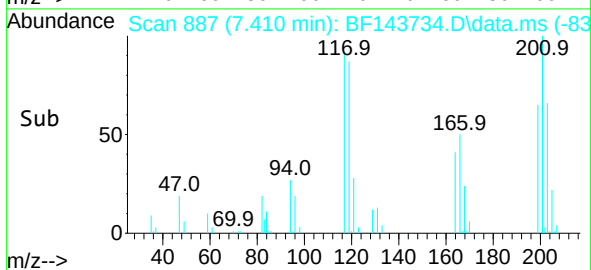
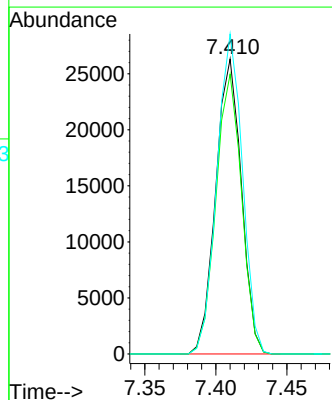
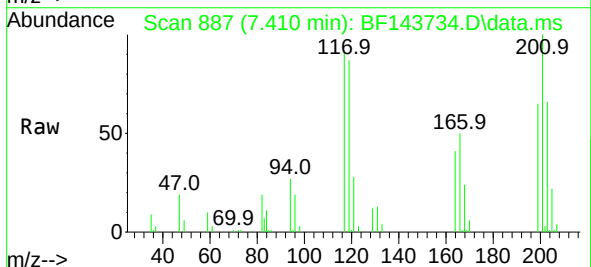
Manual Integrations
APPROVED

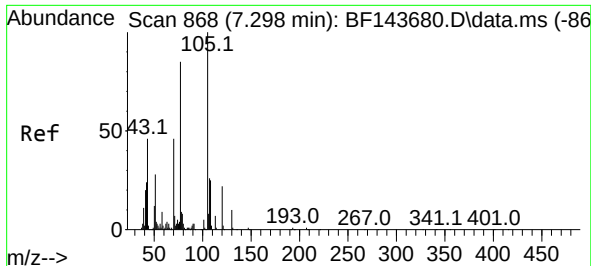
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#18
Hexachloroethane
Concen: 47.071 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion:	117	Resp:	33065
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.2	114.2
201	108.5	86.4	129.6





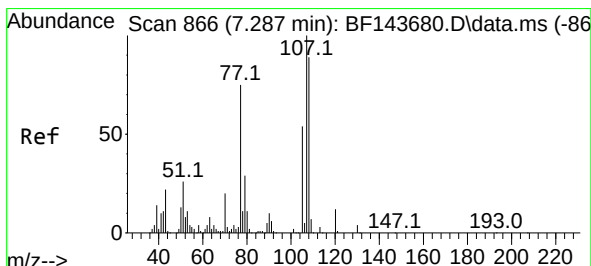
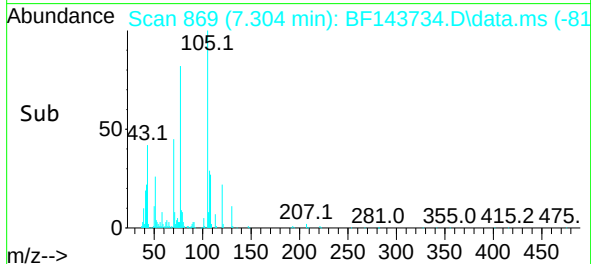
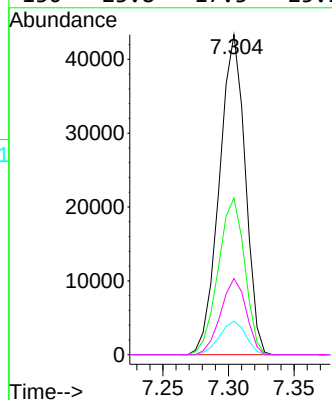
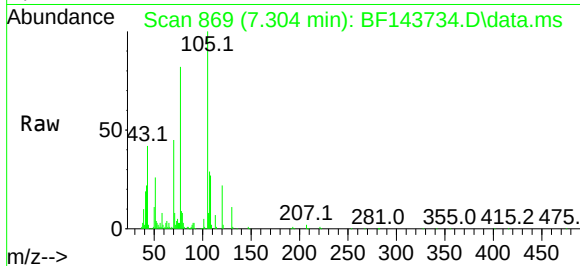
#19
n-Nitroso-di-n-propylamine
Concen: 45.586 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion: 70 Resp: 5945
Ion Ratio Lower Upper
70 100
42 48.9 41.4 62.2
101 10.5 8.1 12.1
130 23.8 17.3 25.9

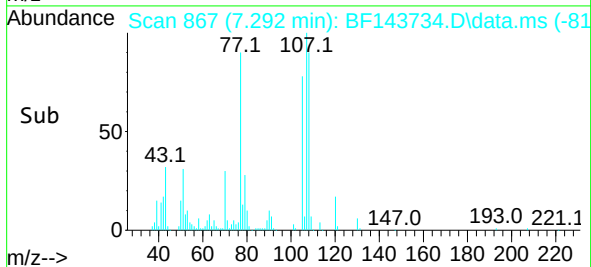
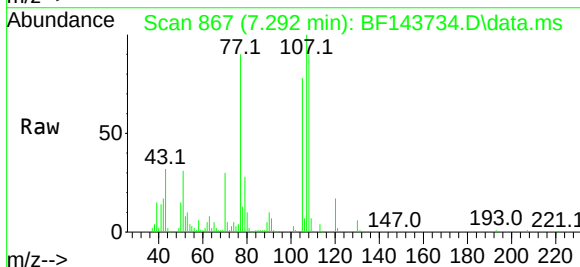
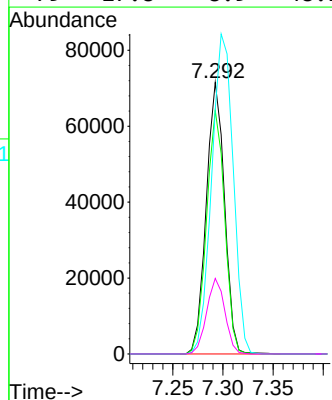
Manual Integrations
APPROVED

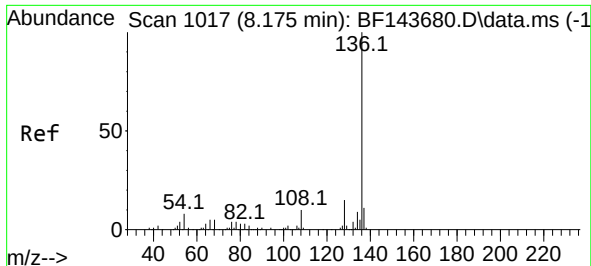
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#20
3+4-Methylphenols
Concen: 45.592 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

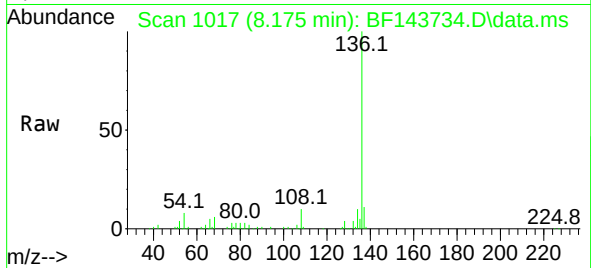
Tgt Ion:107 Resp: 90979
Ion Ratio Lower Upper
107 100
108 89.7 68.6 108.6
77 90.1 54.6 94.6
79 27.8 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

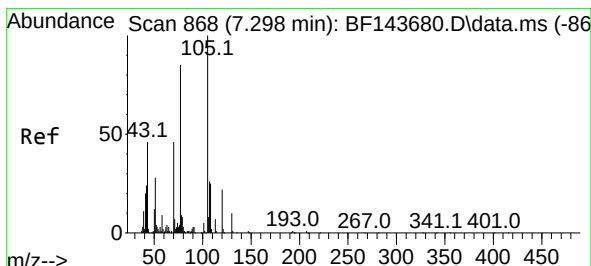
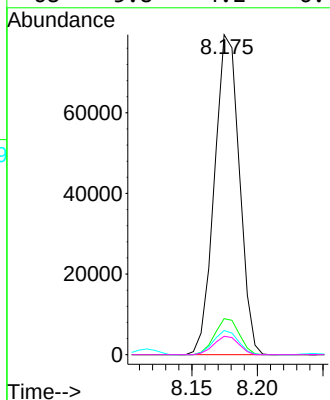
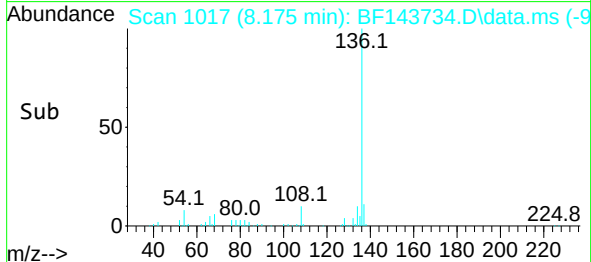
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.6	6.2	9.2
68	5.8	4.2	6.4

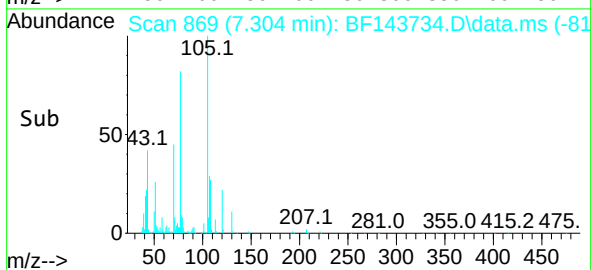
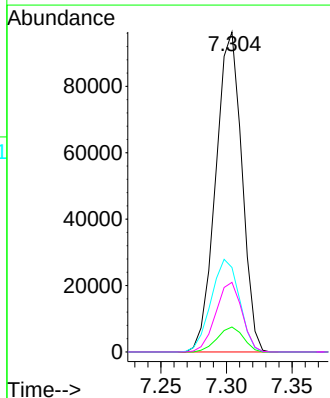
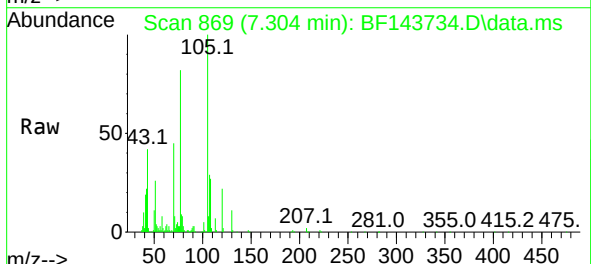
Manual Integrations
APPROVED

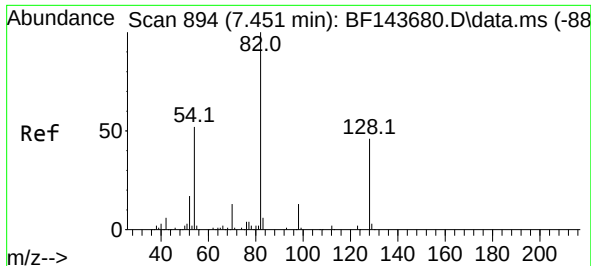
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#22
Acetophenone
Concen: 56.281 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	26.4	22.4	33.6
120	21.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 72.835 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

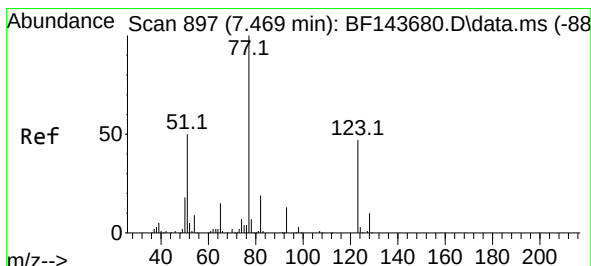
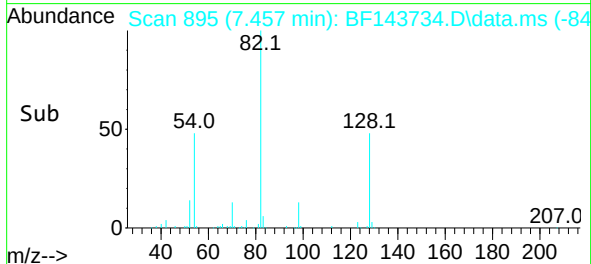
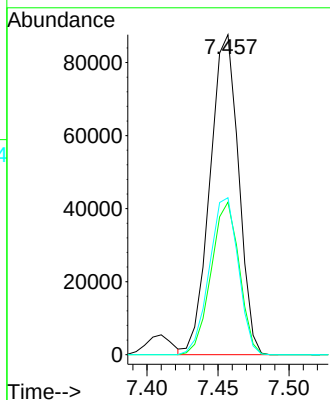
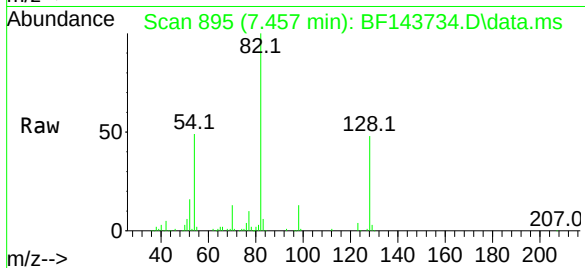
Tgt Ion:	82	Resp:	12280
Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.0	55.4
54	49.1	41.8	62.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#24

Nitrobenzene

Concen: 48.410 ng

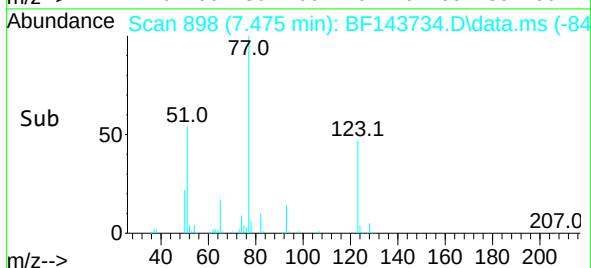
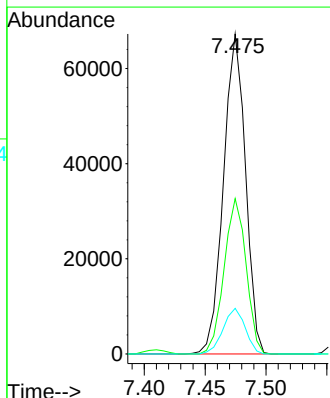
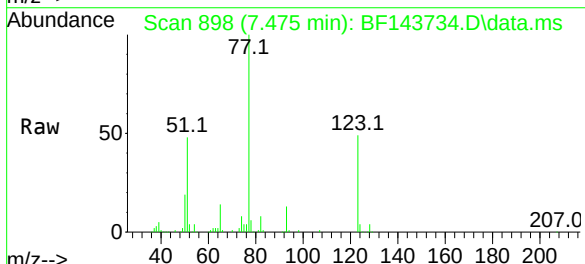
RT: 7.475 min Scan# 898

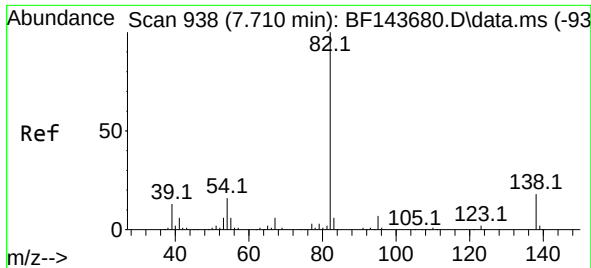
Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

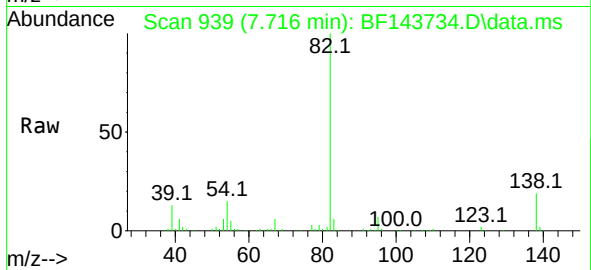
Tgt Ion:	77	Resp:	84636
Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.4	56.0
65	14.2	11.6	17.4





#25
Isophorone
Concen: 48.259 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

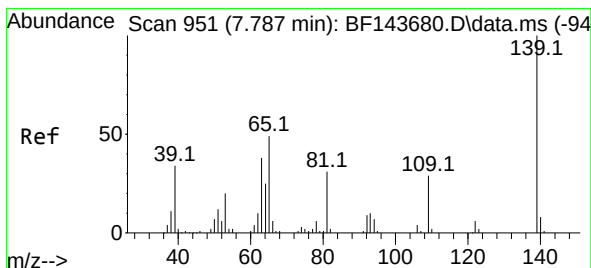
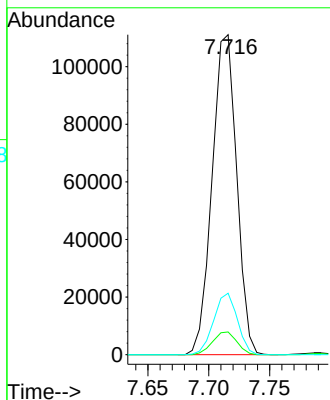
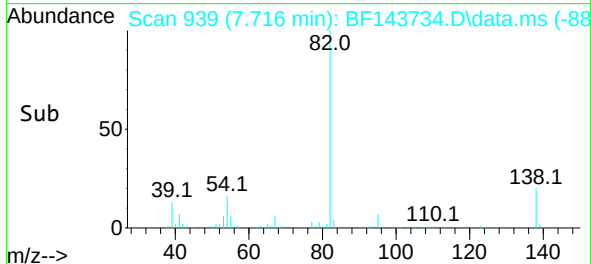
Instrument :
BNA_F
ClientSampleId :
WC-31MS



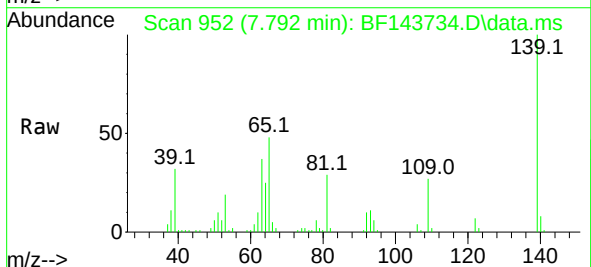
Tgt Ion: 82 Resp: 156029
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.2 14.8 22.2

Manual Integrations
APPROVED

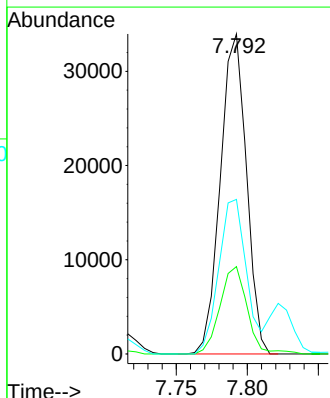
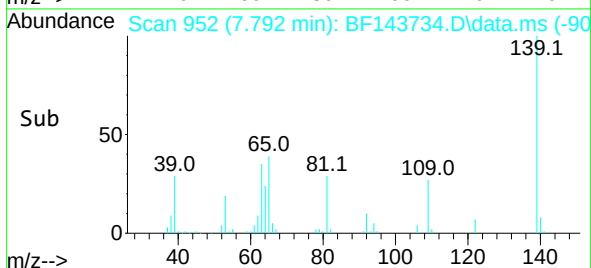
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

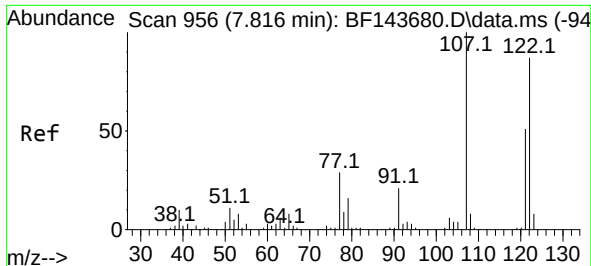


#26
2-Nitrophenol
Concen: 50.446 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:139 Resp: 43363
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 48.3 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 51.289 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

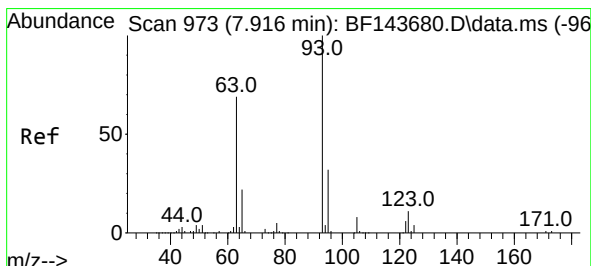
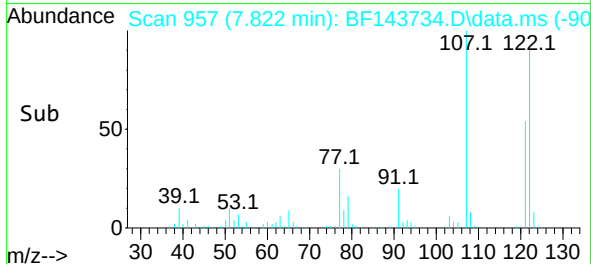
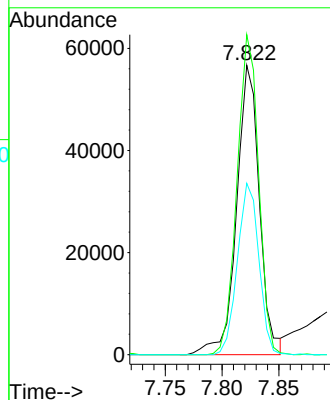
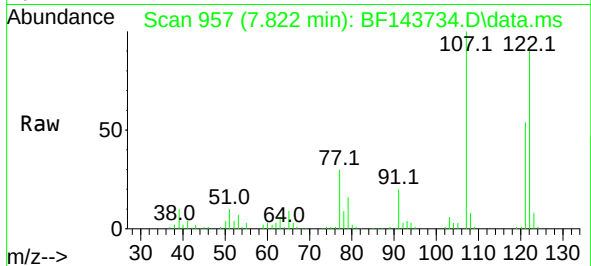
Tgt Ion:122	Resp:	7914
Ion Ratio	Lower	Upper
122	100	
107	110.5	92.1 138.1
121	59.2	46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.733 ng

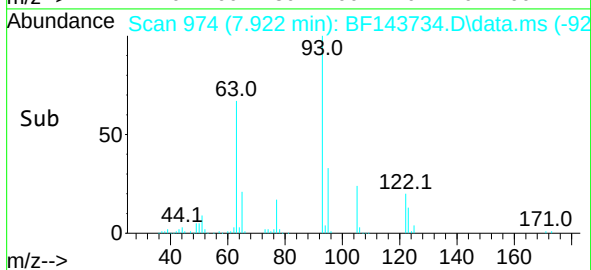
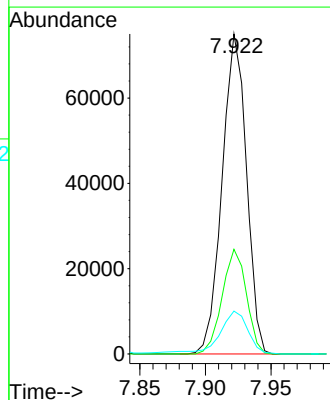
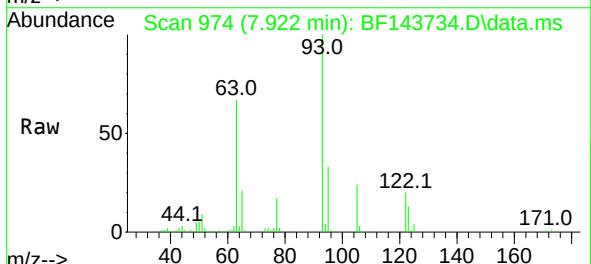
RT: 7.922 min Scan# 974

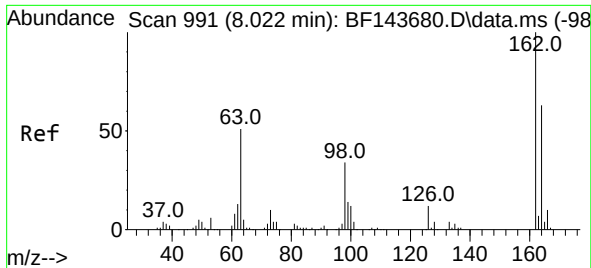
Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Tgt Ion: 93	Resp:	96829
Ion Ratio	Lower	Upper
93	100	
95	32.7	26.0 39.0
123	13.4	9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.361 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

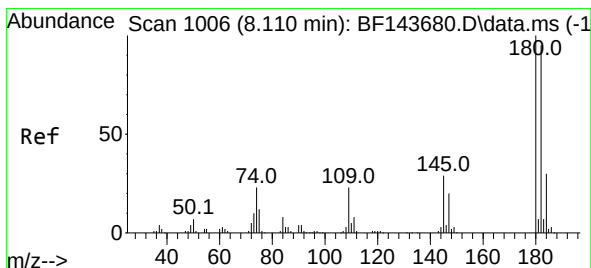
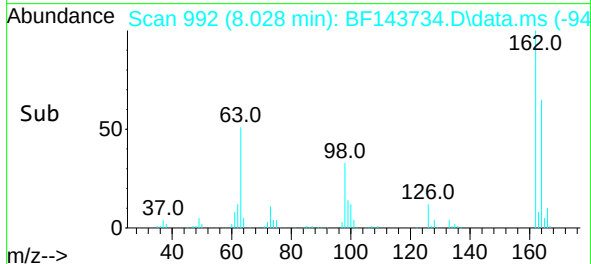
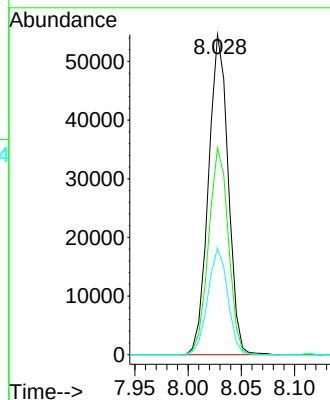
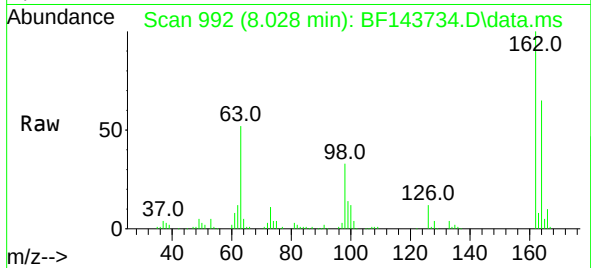
Tgt Ion:162	Resp:	7041
Ion Ratio	Lower	Upper
162	100	
164	64.6	43.0 83.0
98	33.3	13.8 53.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 49.995 ng

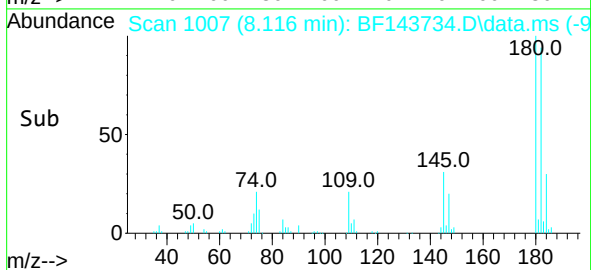
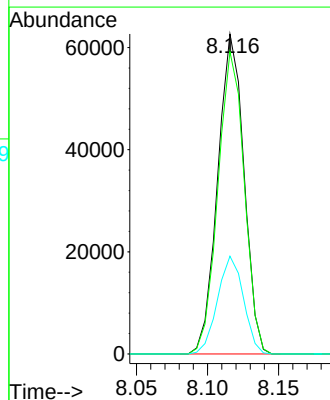
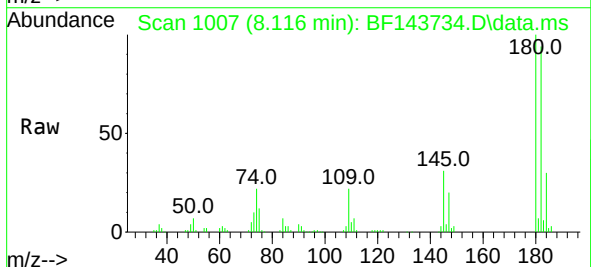
RT: 8.116 min Scan# 1007

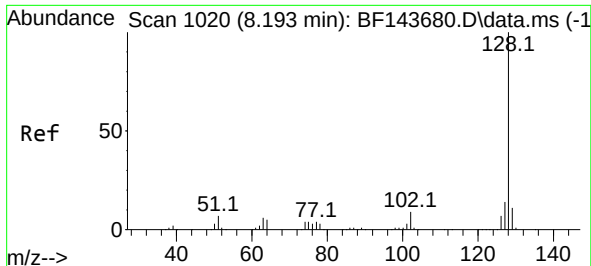
Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

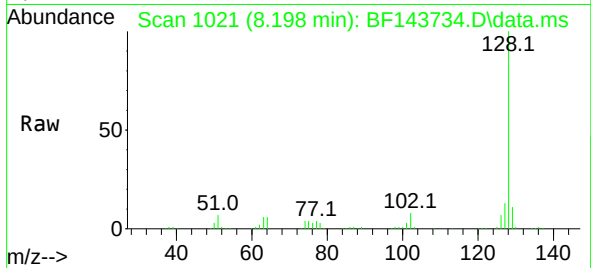
Tgt Ion:180	Resp:	80401
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.2 114.4
145	30.5	23.2 34.8





#31
Naphthalene
Concen: 47.952 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

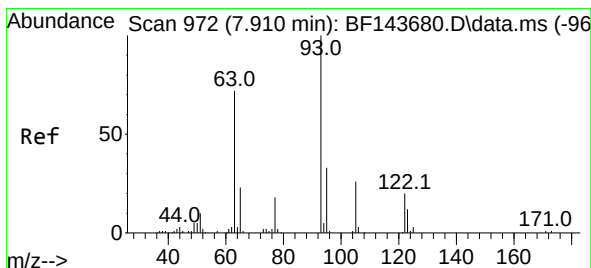
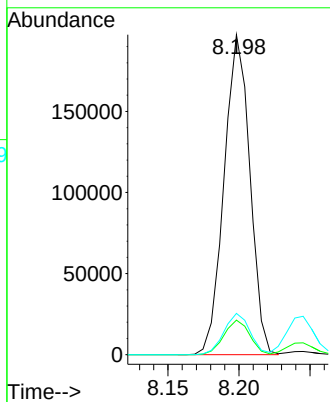
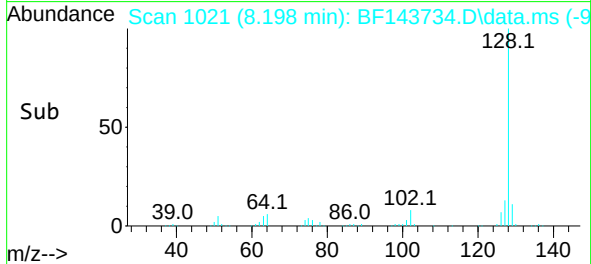
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion:128 Resp: 248954
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.9 16.3

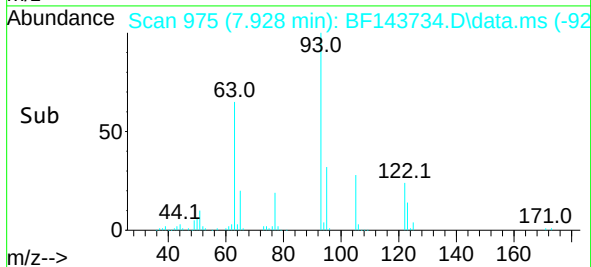
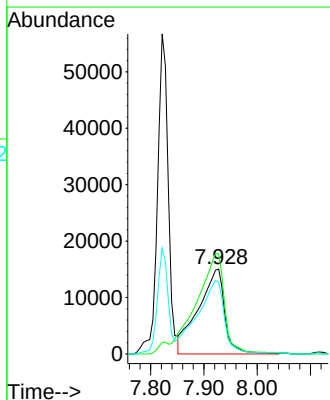
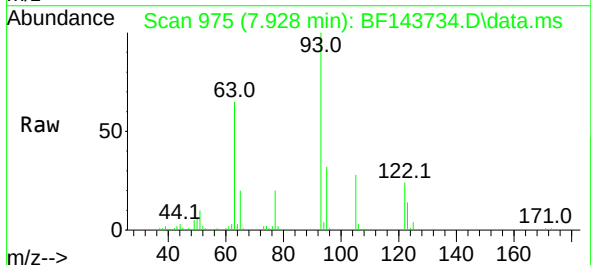
Manual Integrations
APPROVED

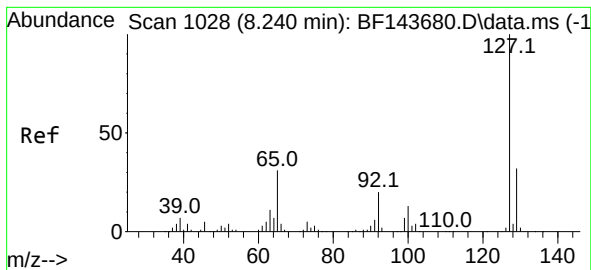
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#32
Benzoic acid
Concen: 55.289 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion:122 Resp: 52053
Ion Ratio Lower Upper
122 100
105 117.9 105.2 145.2
77 84.6 72.0 112.0





#33

4-Chloroaniline

Concen: 18.316 ng

RT: 8.245 min Scan# 1028

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

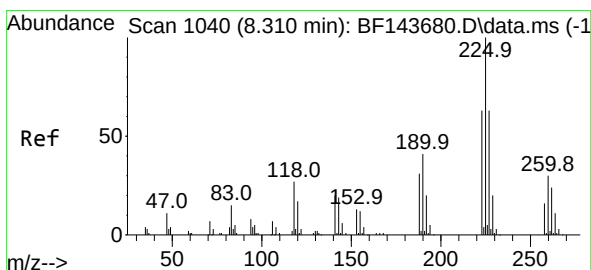
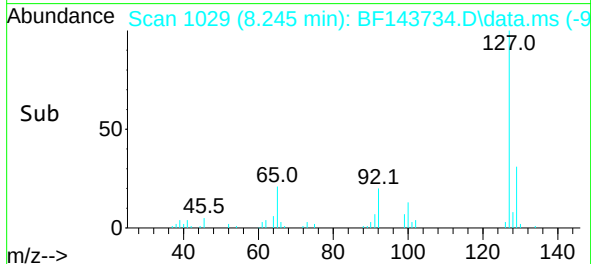
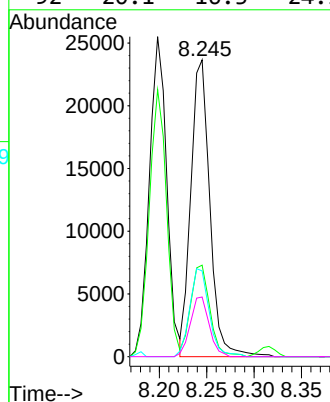
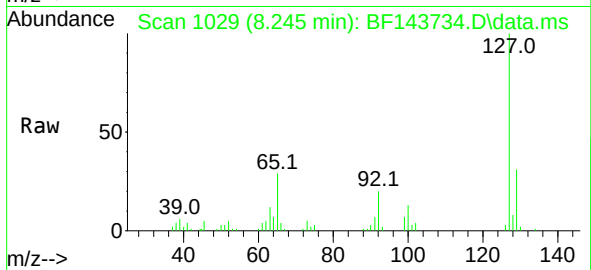
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.0	39.0
65	28.9	24.6	36.8
92	20.1	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#34

Hexachlorobutadiene

Concen: 48.504 ng

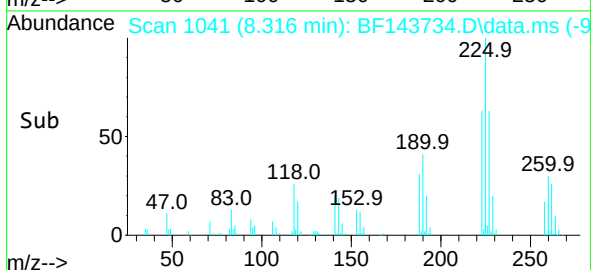
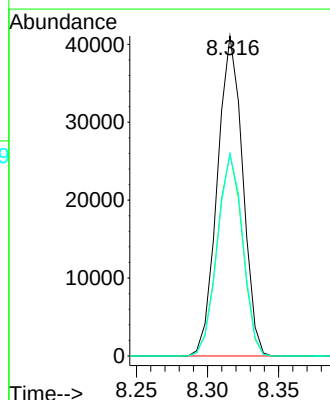
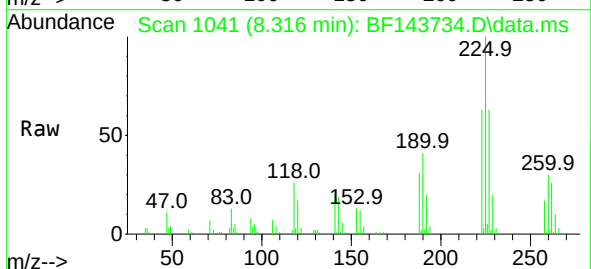
RT: 8.316 min Scan# 1041

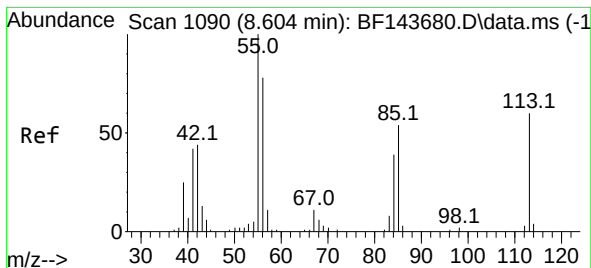
Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.2	50.8	76.2





#35

Caprolactam

Concen: 44.930 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

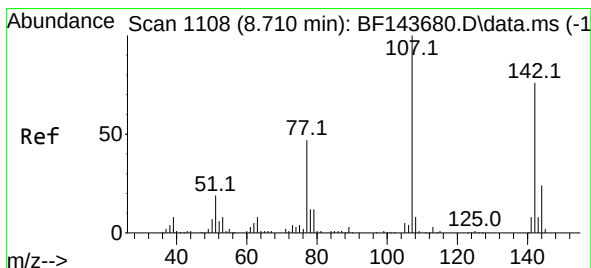
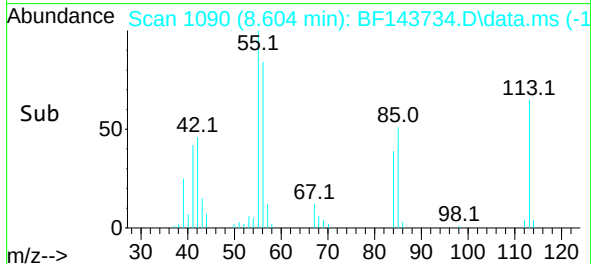
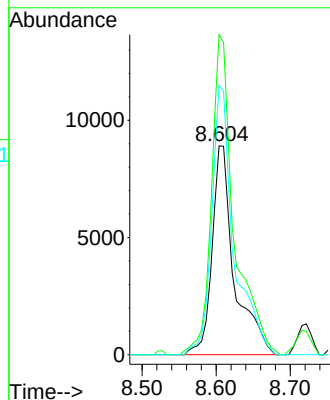
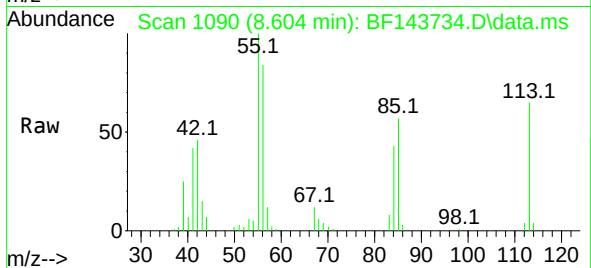
Tgt Ion:113	Resp:	1856
Ion Ratio	Lower	Upper
113	100	
55	153.2	148.9 188.9
56	128.9	112.8 152.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#36

4-Chloro-3-methylphenol

Concen: 42.786 ng

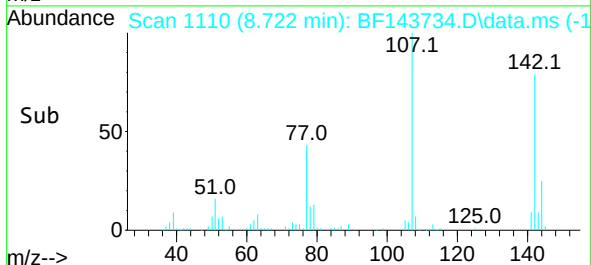
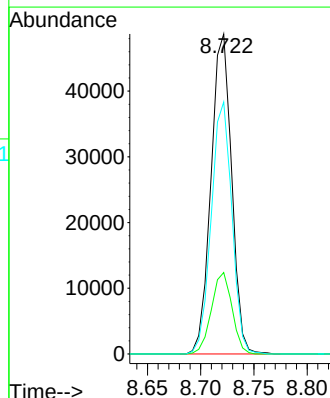
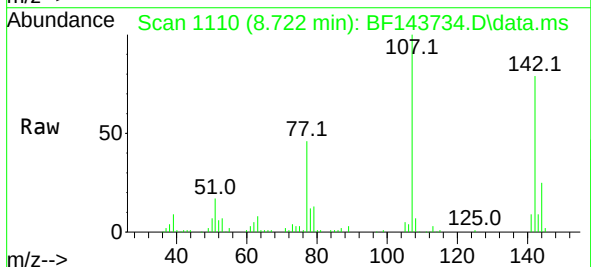
RT: 8.722 min Scan# 1110

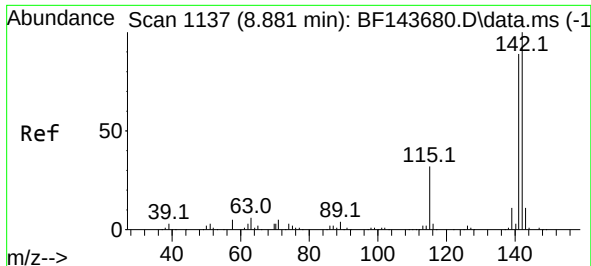
Delta R.T. 0.012 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

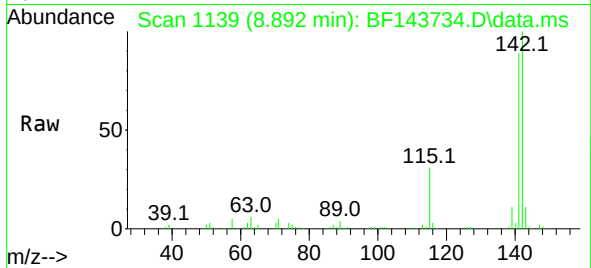
Tgt Ion:107	Resp:	65488
Ion Ratio	Lower	Upper
107	100	
144	25.4	19.4 29.2
142	78.7	60.6 91.0





#37
2-Methylnaphthalene
Concen: 41.131 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

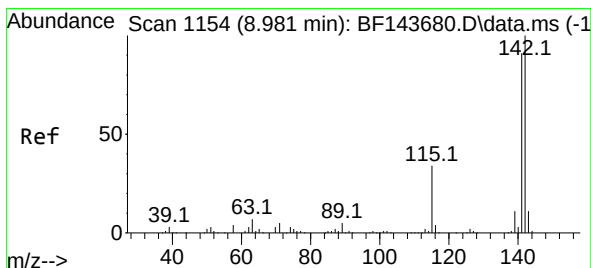
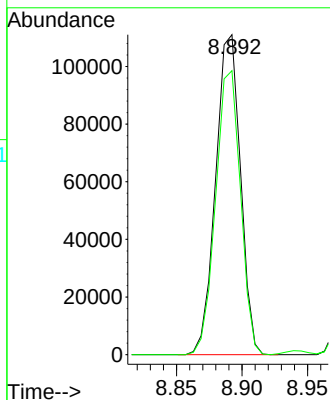
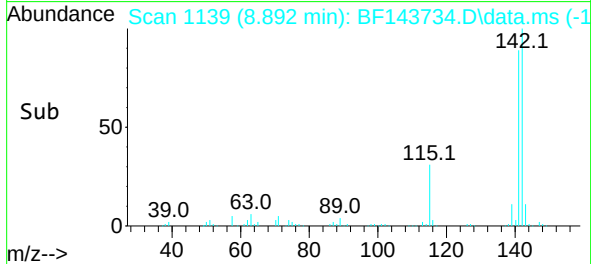
Instrument :
BNA_F
ClientSampleId :
WC-31MS



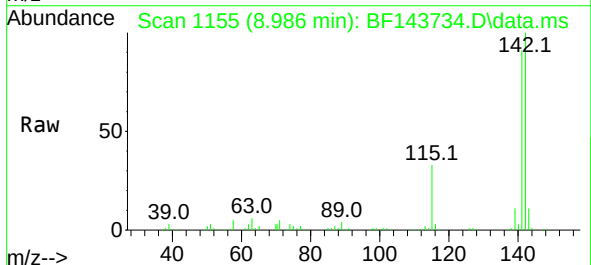
Tgt Ion:142 Resp: 146179
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

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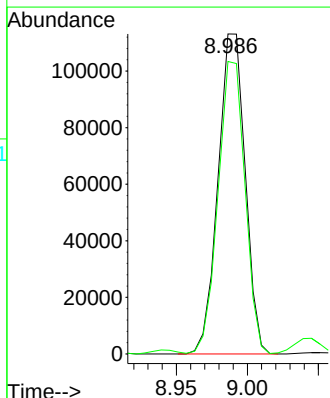
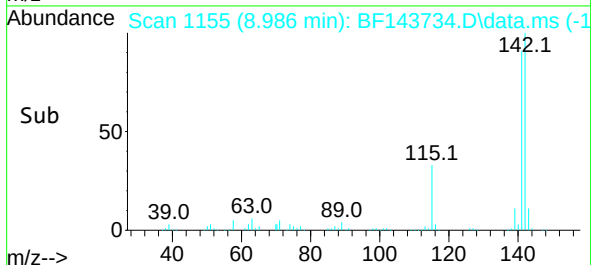
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

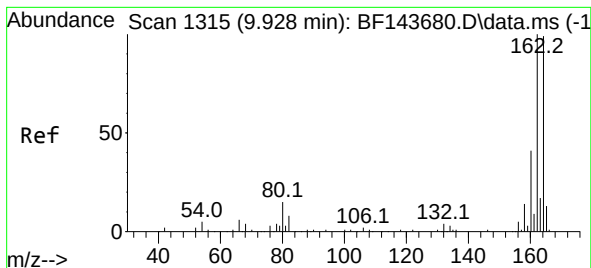


#38
1-Methylnaphthalene
Concen: 44.090 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:142 Resp: 150376
Ion Ratio Lower Upper
142 100
141 91.4 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

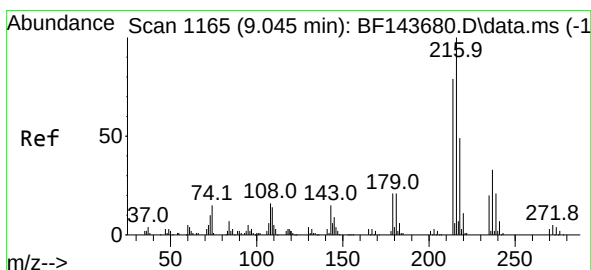
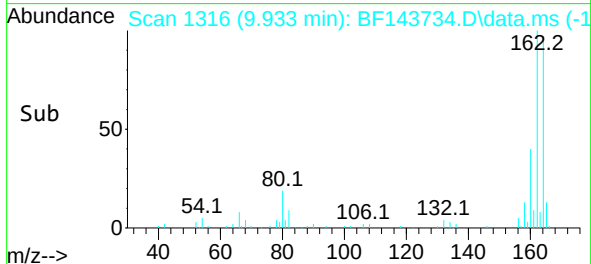
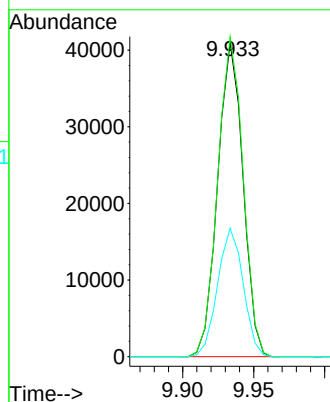
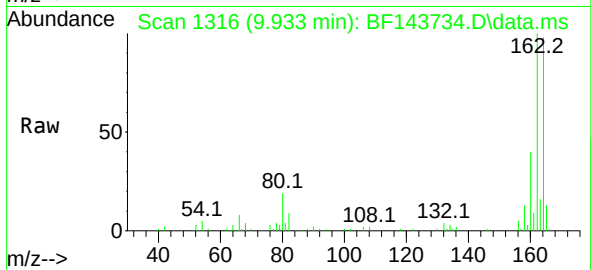
Tgt Ion:164	Resp:	5073
Ion Ratio	Lower	Upper
164	100	
162	101.9	80.6 121.0
160	40.9	33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.426 ng

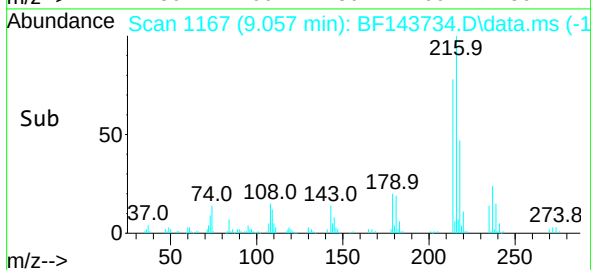
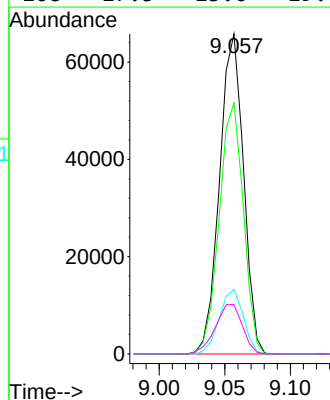
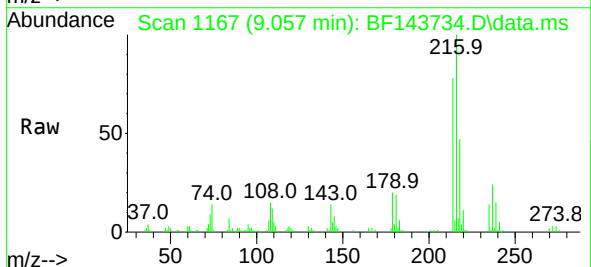
RT: 9.057 min Scan# 1167

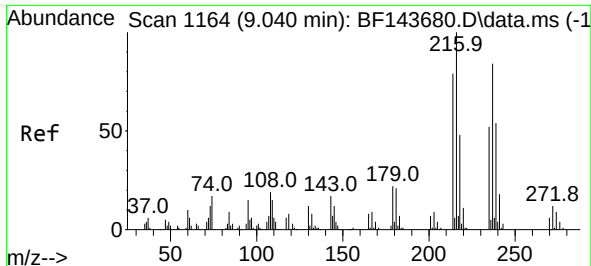
Delta R.T. 0.011 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

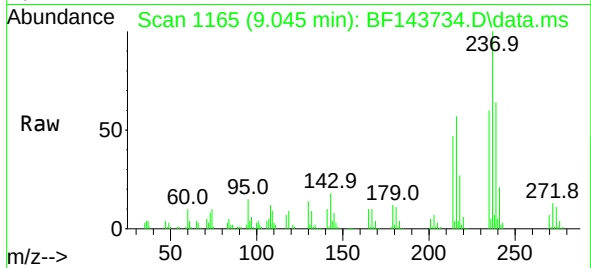
Tgt Ion:216	Resp:	83402
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.2 94.8
179	20.3	16.8 25.2
108	17.5	13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 97.775 ng
RT: 9.045 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

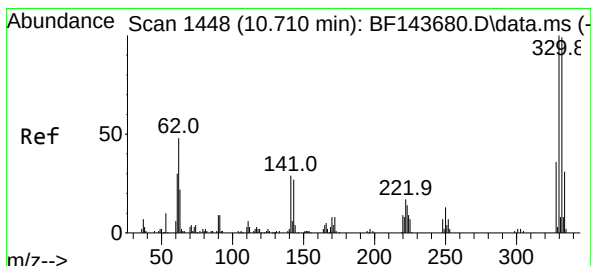
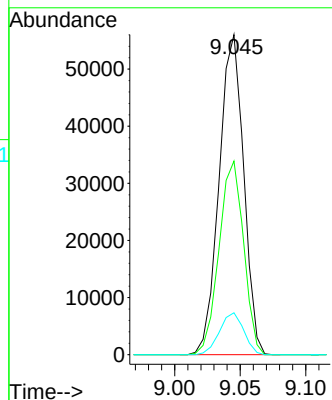
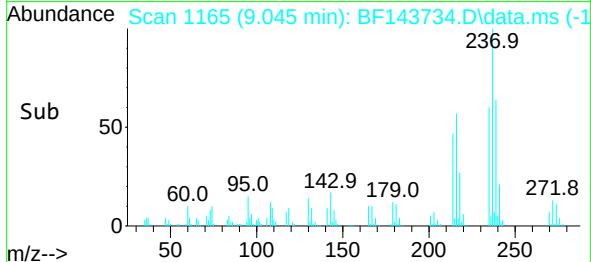
Instrument :
BNA_F
ClientSampleId :
WC-31MS



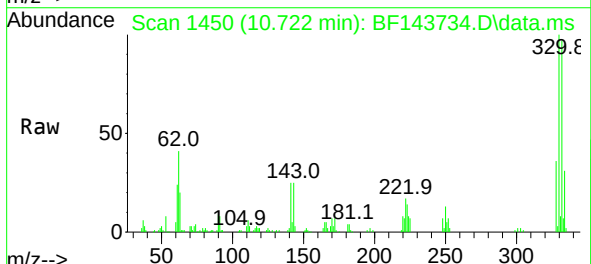
Tgt Ion: 237 Resp: 72904
Ion Ratio Lower Upper
237 100
235 60.5 41.6 81.6
272 13.1 0.0 33.9

Manual Integrations
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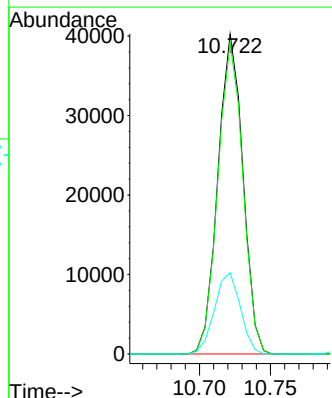
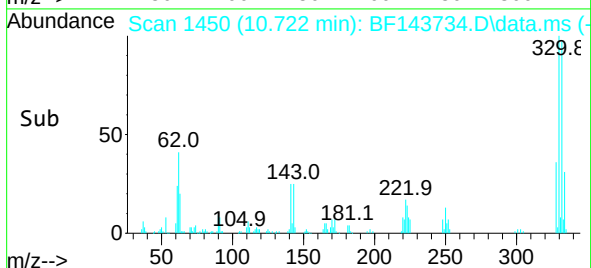
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

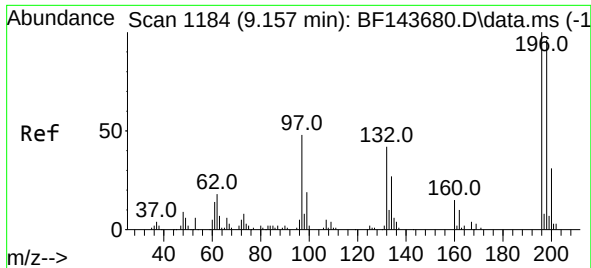


#42
2,4,6-Tribromophenol
Concen: 96.085 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



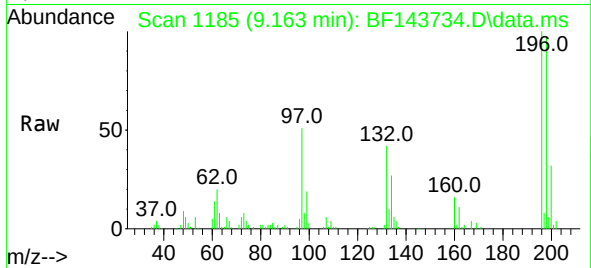
Tgt Ion: 330 Resp: 49124
Ion Ratio Lower Upper
330 100
332 97.0 79.2 118.8
141 26.2 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 48.901 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

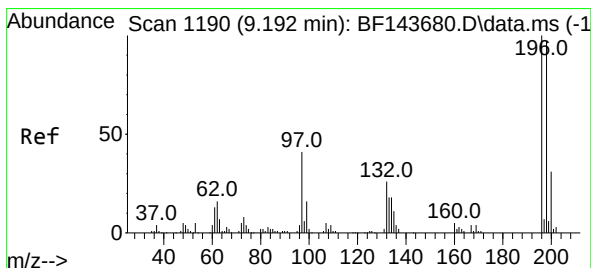
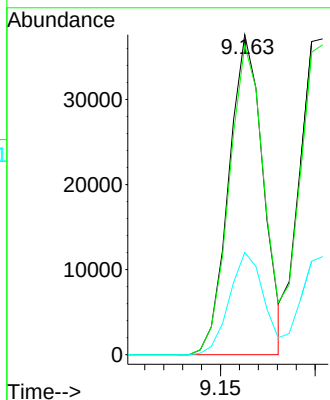
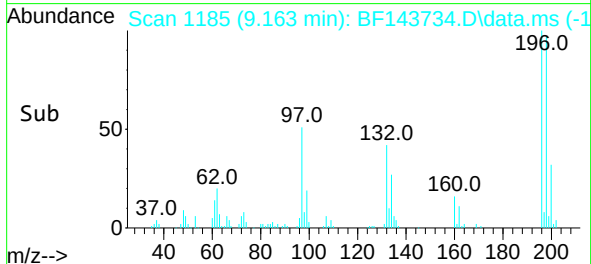
Instrument :
BNA_F
ClientSampleId :
WC-31MS



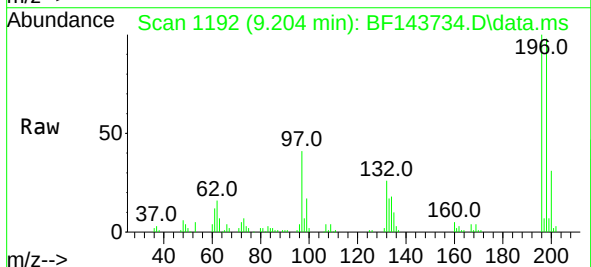
Tgt Ion:196 Resp: 47424
Ion Ratio Lower Upper
196 100
198 96.7 76.5 114.7
200 31.9 24.5 36.7

Manual Integrations
APPROVED

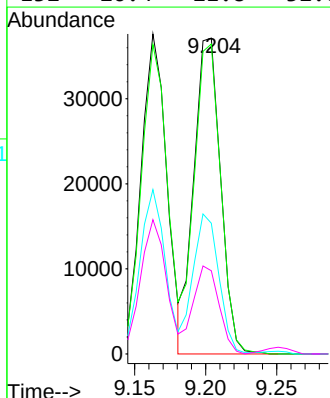
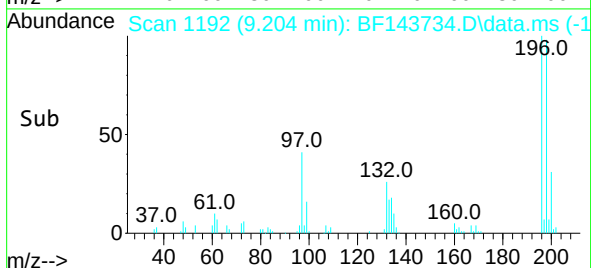
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

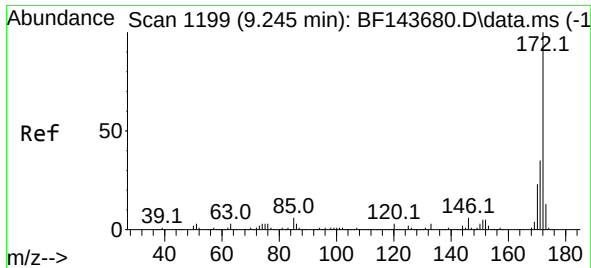


#44
2,4,5-Trichlorophenol
Concen: 49.293 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



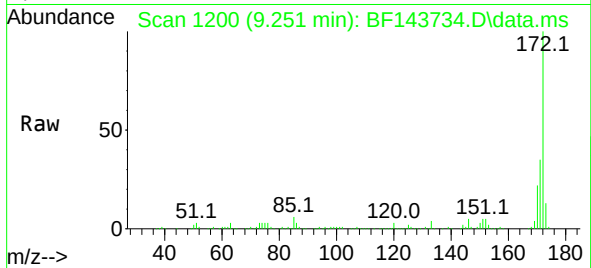
Tgt Ion:196 Resp: 48598
Ion Ratio Lower Upper
196 100
198 98.1 77.0 115.6
97 41.4 34.2 51.4
132 26.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 69.003 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

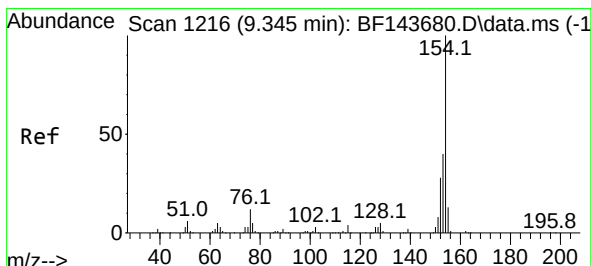
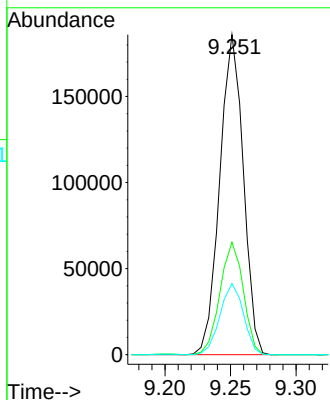
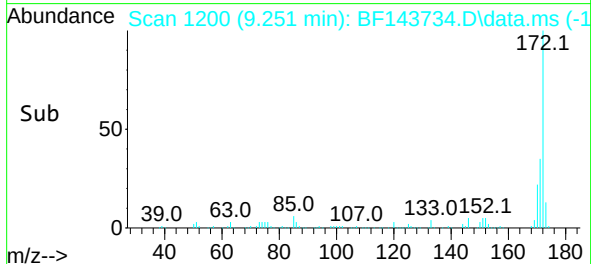
Instrument :
BNA_F
ClientSampleId :
WC-31MS



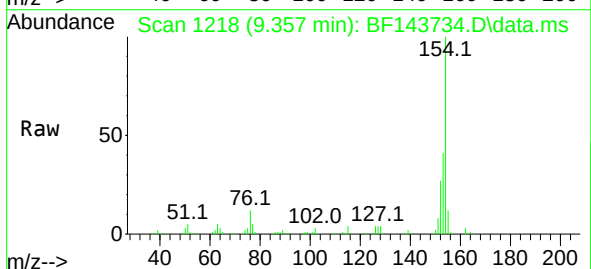
Tgt Ion:172 Resp: 23173
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.3 18.6 27.8

Manual Integrations
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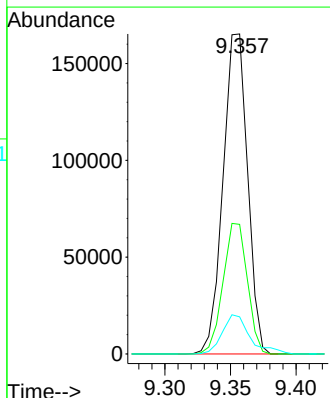
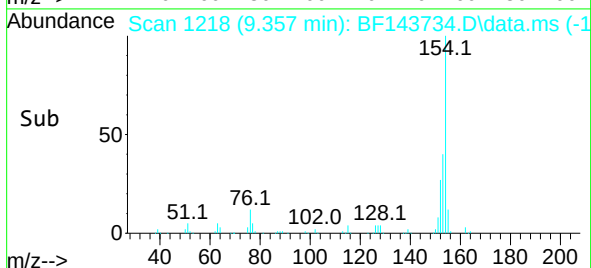
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

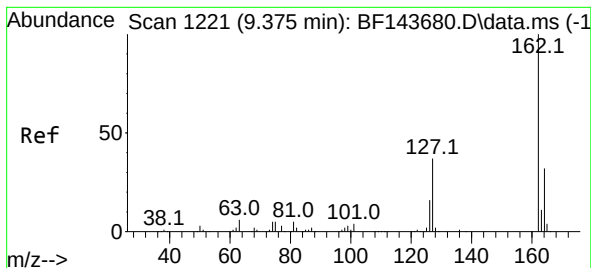


#46
1,1'-Biphenyl
Concen: 58.873 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:154 Resp: 215017
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.6 0.0 31.6





#47

2-Chloronaphthalene

Concen: 50.814 ng

RT: 9.380 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

Tgt Ion:162 Resp: 145489

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

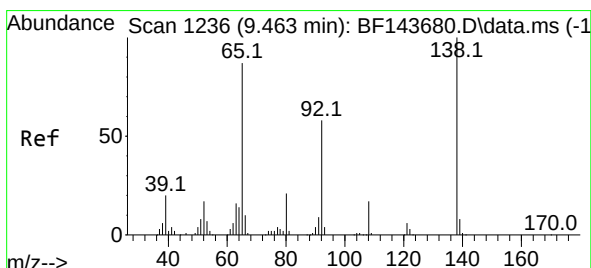
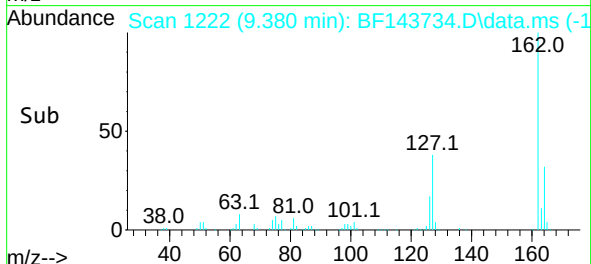
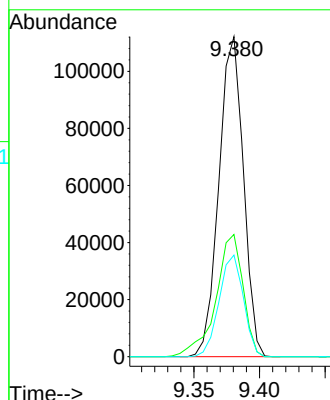
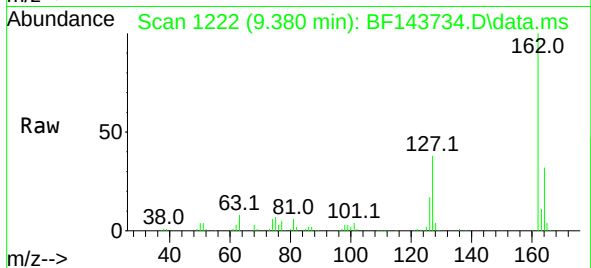
164 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#48

2-Nitroaniline

Concen: 51.916 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

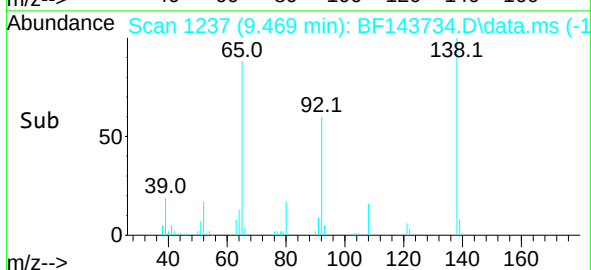
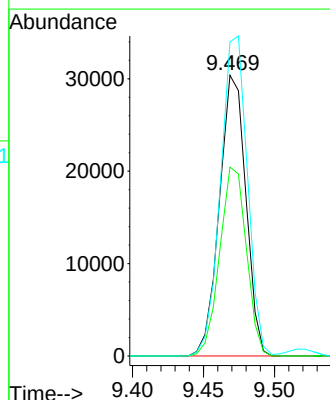
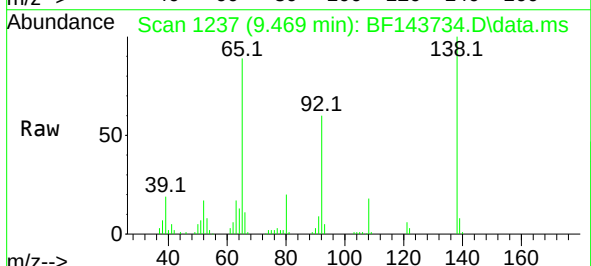
Tgt Ion: 65 Resp: 39337

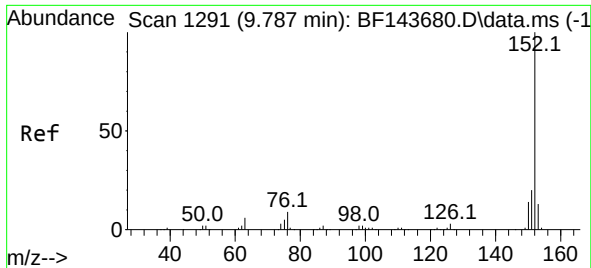
Ion Ratio Lower Upper

65 100

92 67.4 53.3 79.9

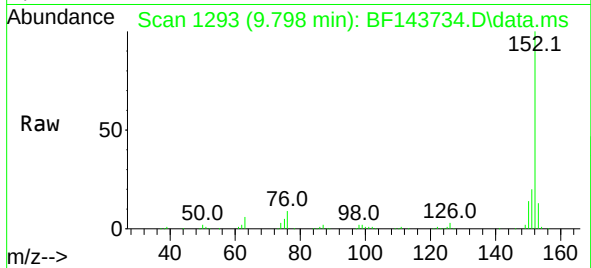
138 111.9 92.1 138.1





#49
Acenaphthylene
Concen: 58.218 ng
RT: 9.798 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

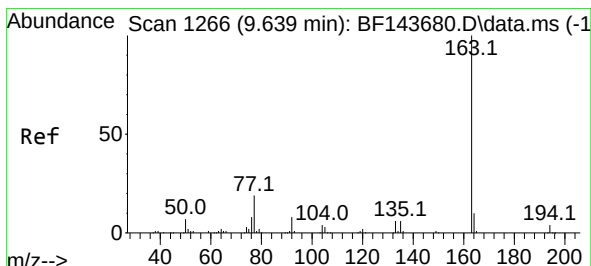
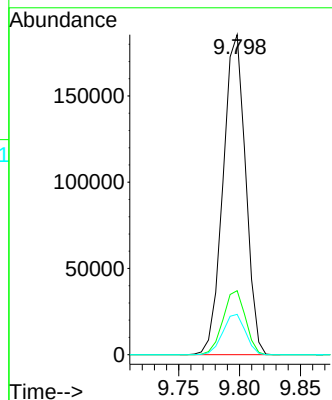
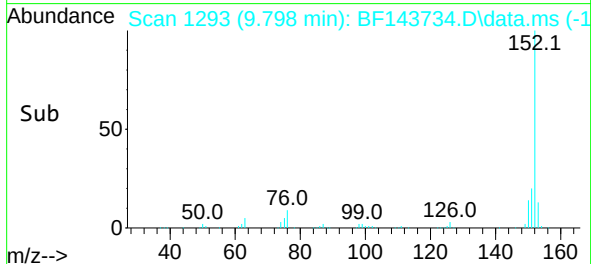
Instrument :
BNA_F
ClientSampleId :
WC-31MS



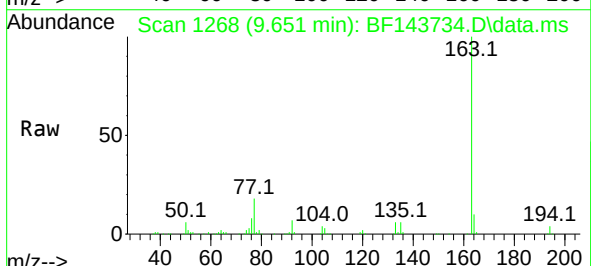
Tgt Ion:152 Resp: 23877
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.6 10.4 15.6

Manual Integrations
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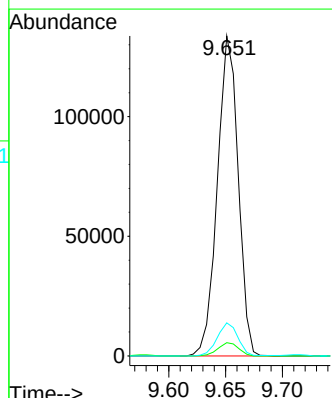
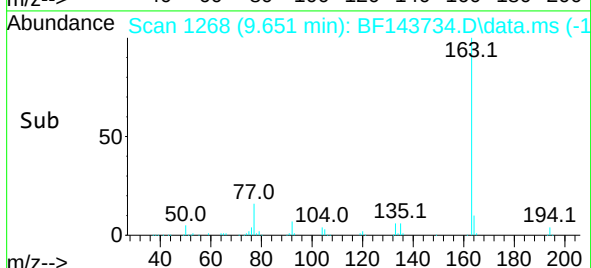
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

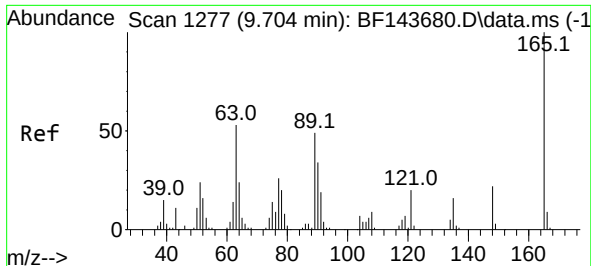


#50
Dimethylphthalate
Concen: 51.751 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



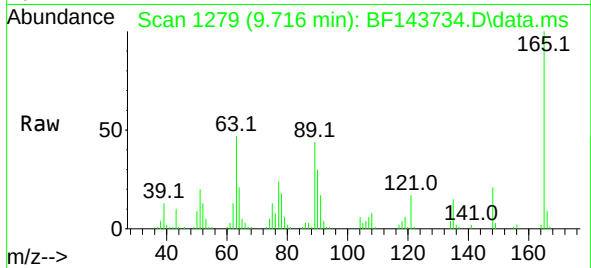
Tgt Ion:163 Resp: 170816
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 56.361 ng
RT: 9.716 min Scan# 1279
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

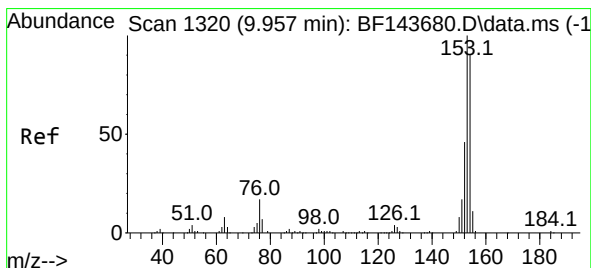
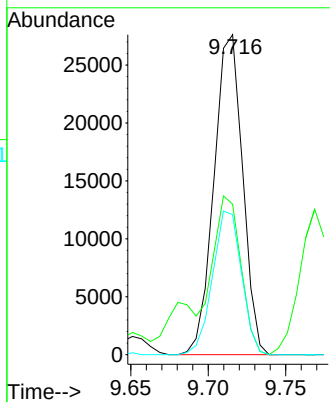
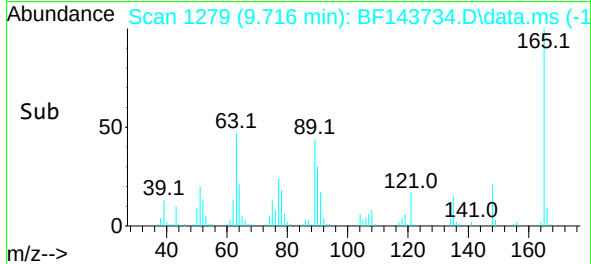
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion:165 Resp: 35569
Ion Ratio Lower Upper
165 100
63 47.1 42.2 63.4
89 43.7 39.3 58.9

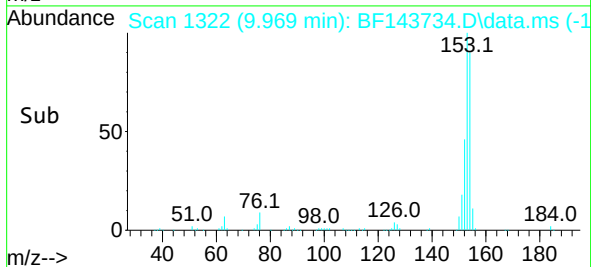
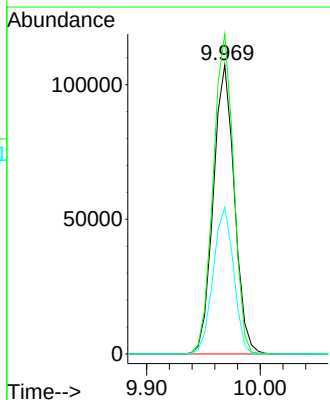
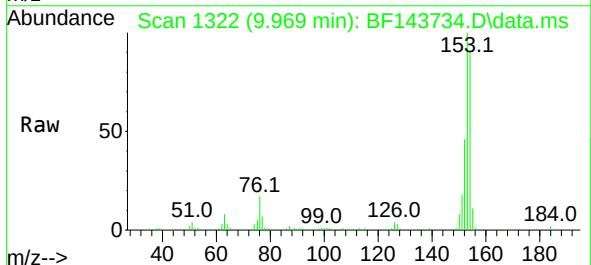
Manual Integrations
APPROVED

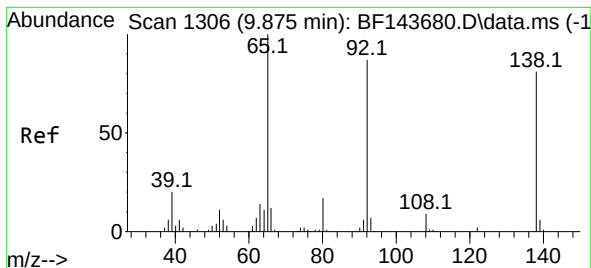
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#52
Acenaphthene
Concen: 49.067 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

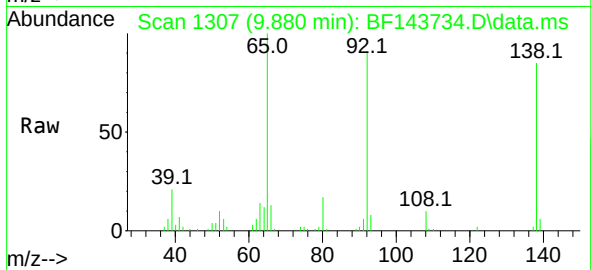
Tgt Ion:154 Resp: 138672
Ion Ratio Lower Upper
154 100
153 110.7 89.4 134.0
152 50.7 41.2 61.8





#53
3-Nitroaniline
Concen: 37.298 ng
RT: 9.880 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

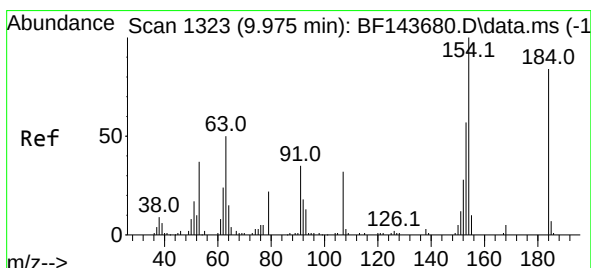
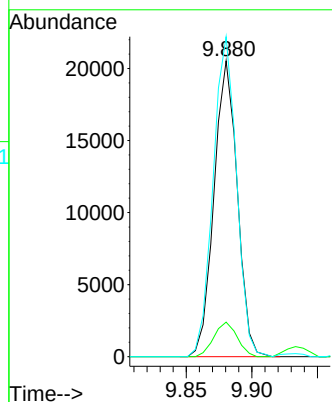
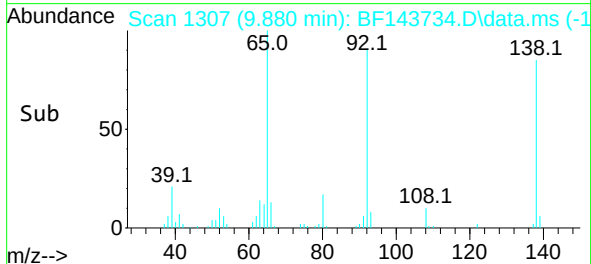
Instrument :
BNA_F
ClientSampleId :
WC-31MS



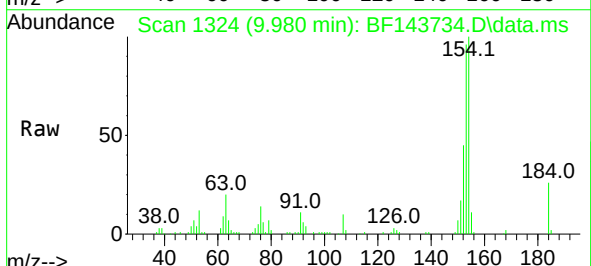
Tgt Ion:138 Resp: 2533
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 108.2 85.5 128.3

Manual Integrations
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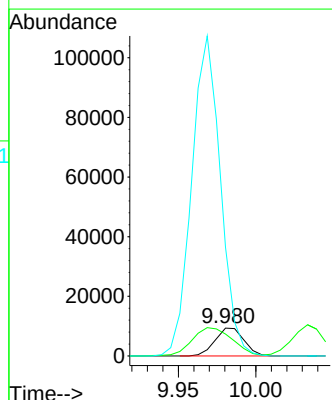
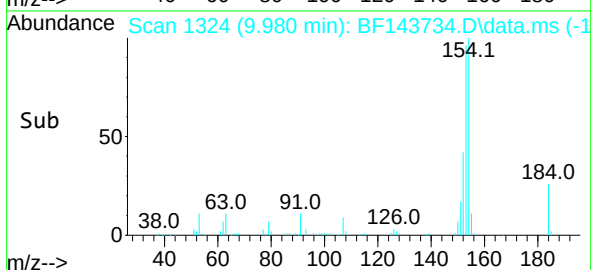
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

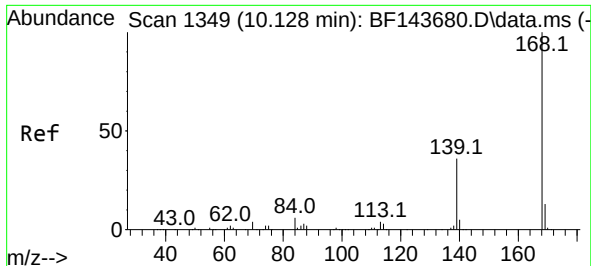


#54
2,4-Dinitrophenol
Concen: 38.819 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



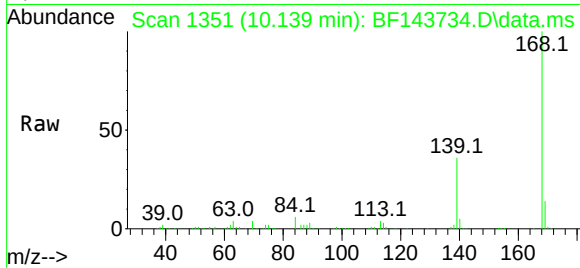
Tgt Ion:184 Resp: 12128
Ion Ratio Lower Upper
184 100
63 78.8 52.7 79.1
154 391.8 136.6 204.8#





#55
Dibenzofuran
Concen: 49.132 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

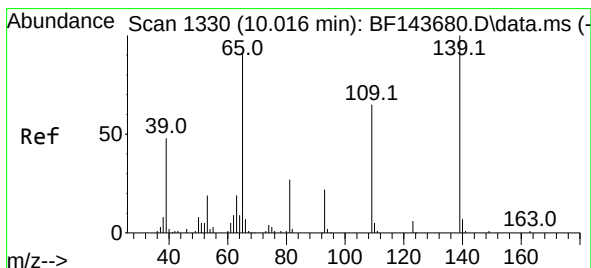
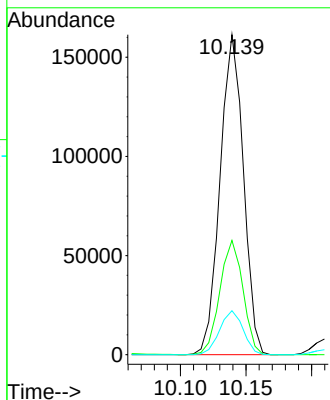
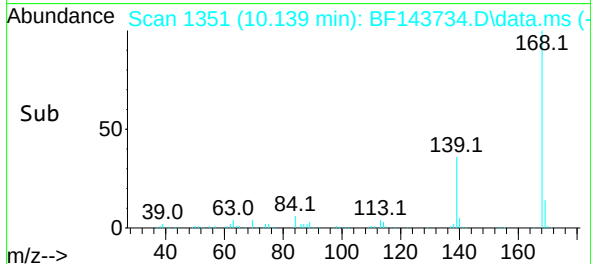
Instrument :
BNA_F
ClientSampleId :
WC-31MS



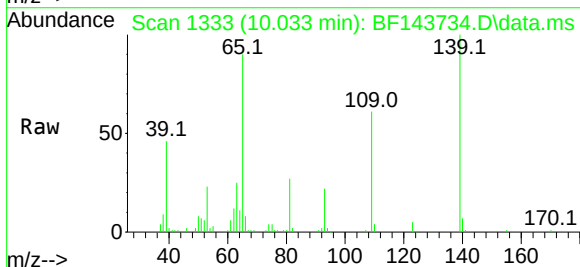
Tgt Ion:168 Resp: 19967
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.4
169 13.7 10.8 16.2

Manual Integrations
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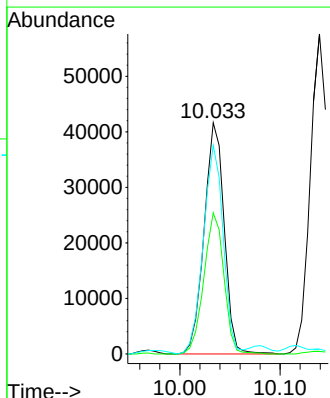
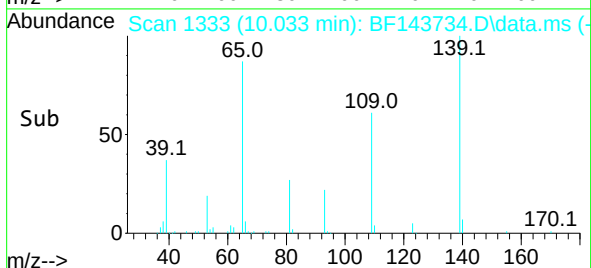
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

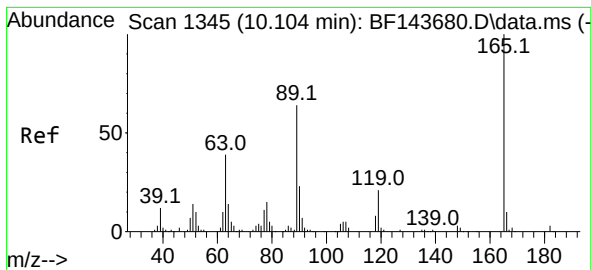


#56
4-Nitrophenol
Concen: 107.489 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



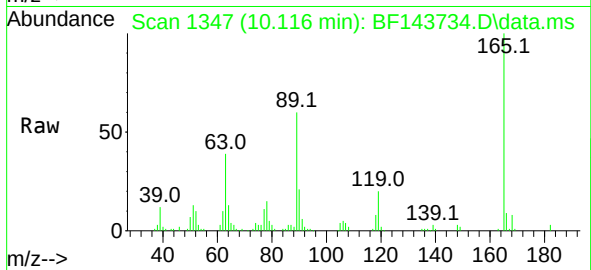
Tgt Ion:139 Resp: 58078
Ion Ratio Lower Upper
139 100
109 61.0 45.2 85.2
65 90.3 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 53.516 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

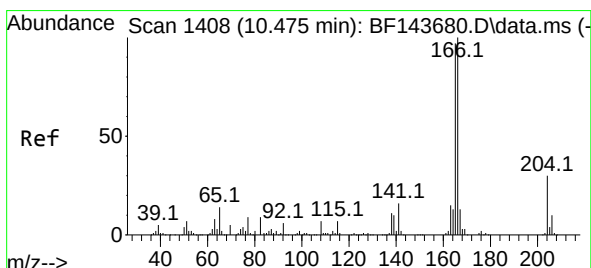
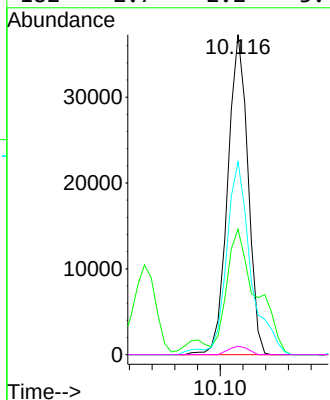
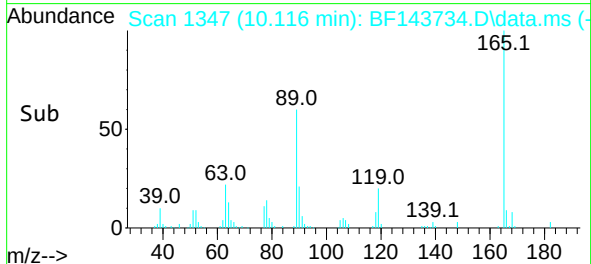
Instrument :
BNA_F
ClientSampleId :
WC-31MS



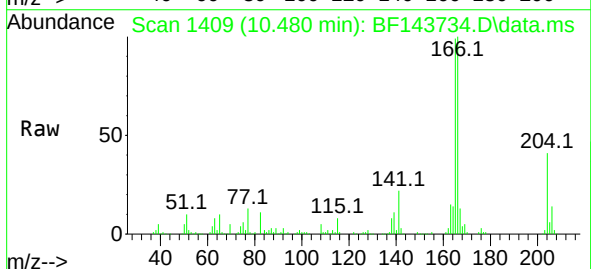
Tgt Ion:165 Resp: 45960
Ion Ratio Lower Upper
165 100
63 39.2 31.5 47.3
89 60.3 51.3 76.9
182 2.7 2.2 3.4

Manual Integrations
APPROVED

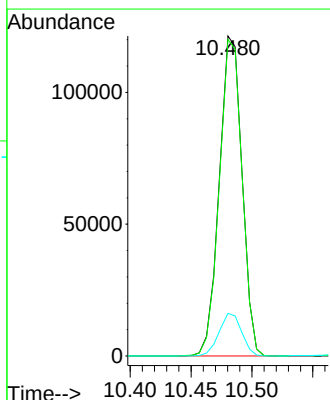
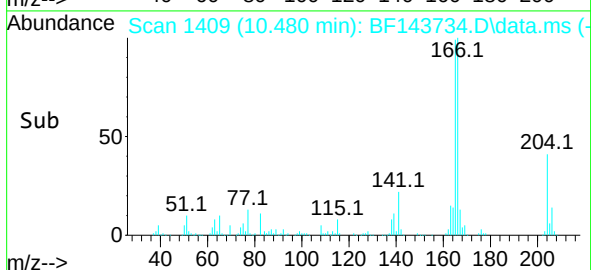
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

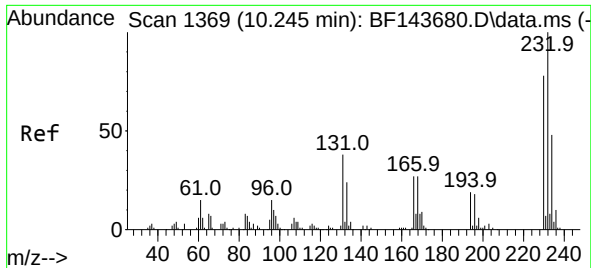


#58
Fluorene
Concen: 49.494 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



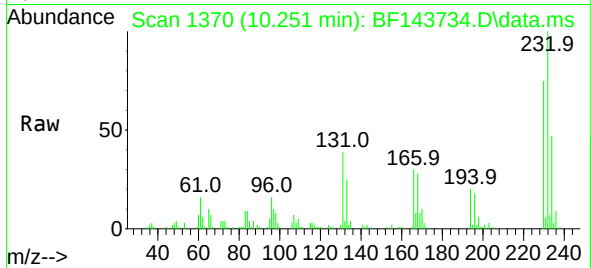
Tgt Ion:166 Resp: 157449
Ion Ratio Lower Upper
166 100
165 98.9 77.5 116.3
167 13.3 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.327 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

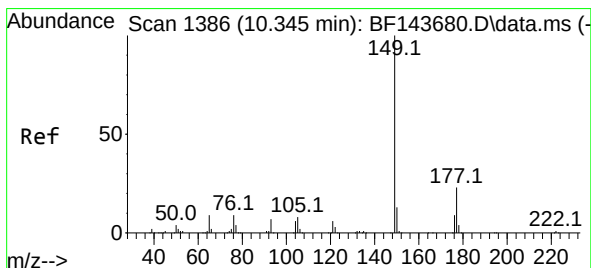
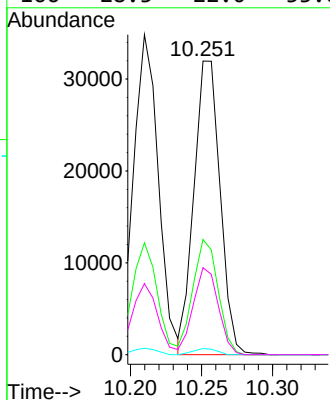
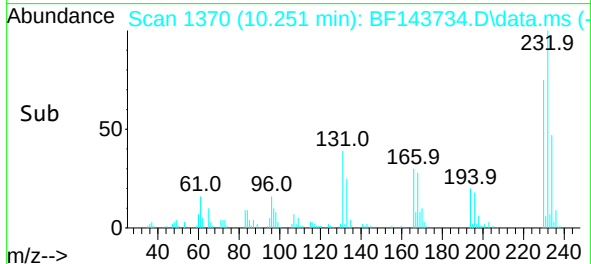
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion:232 Resp: 41032
Ion Ratio Lower Upper
232 100
131 37.7 31.9 47.9
130 1.9 1.4 2.0
166 28.3 22.0 33.0

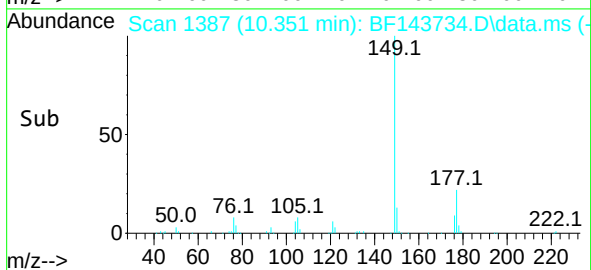
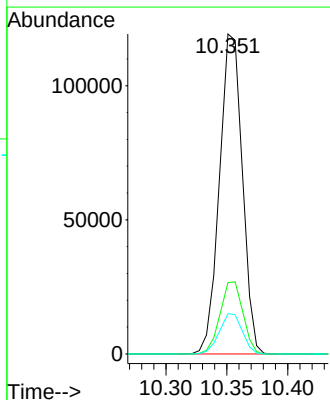
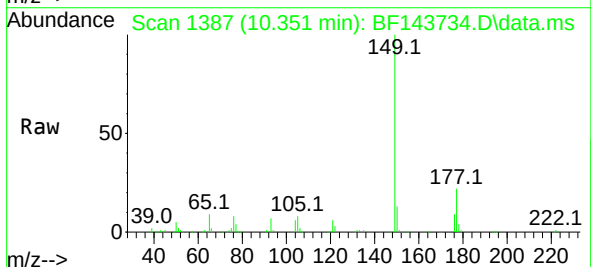
Manual Integrations
APPROVED

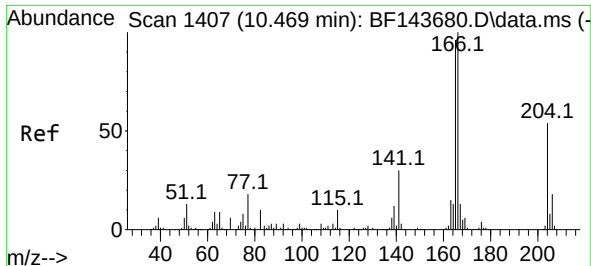
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#60
Diethylphthalate
Concen: 50.333 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion:149 Resp: 155972
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.941 ng
RT: 10.474 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

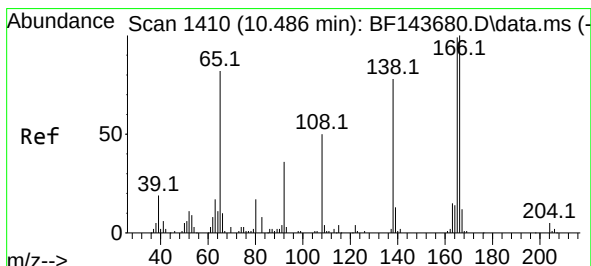
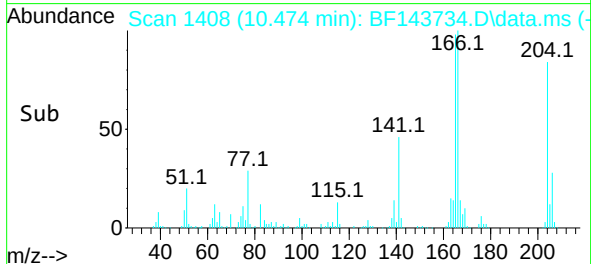
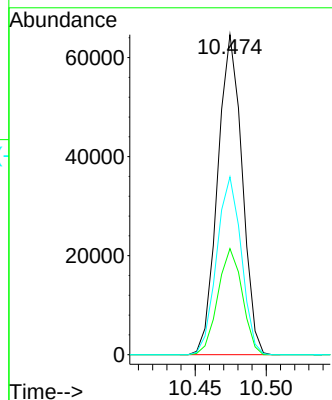
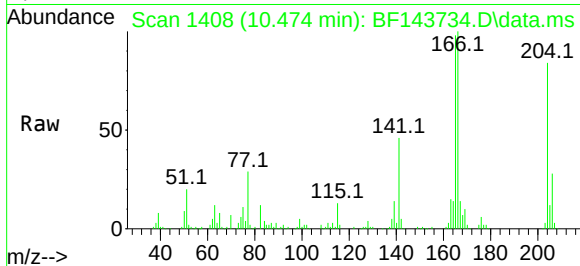
WC-31MS

Tgt Ion:204 Resp: 77340
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 55.6 44.8 67.2

Manual Integrations

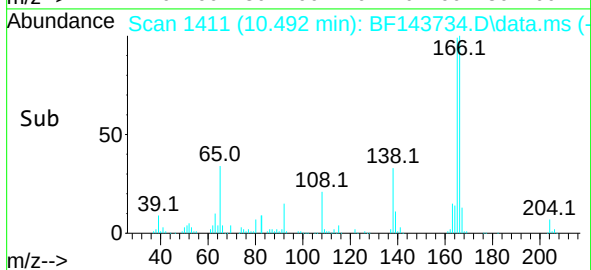
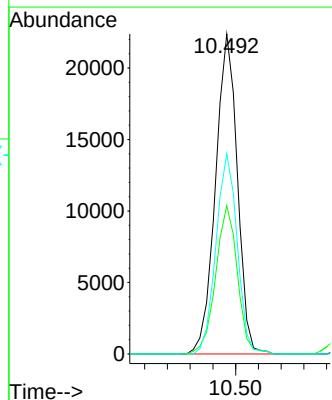
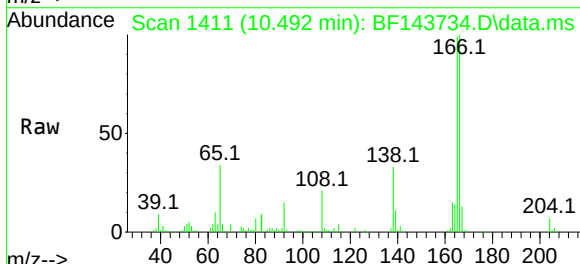
APPROVED

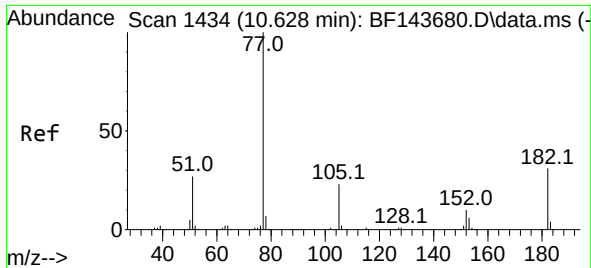
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#62
4-Nitroaniline
Concen: 46.488 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

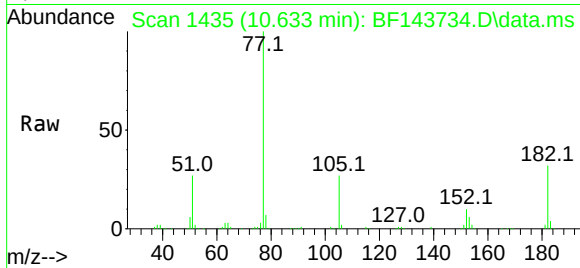
Tgt Ion:138 Resp: 29903
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 62.5 44.3 84.3





#63
 Azobenzene
 Concen: 53.771 ng
 RT: 10.633 min Scan# 1435
 Delta R.T. 0.006 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41

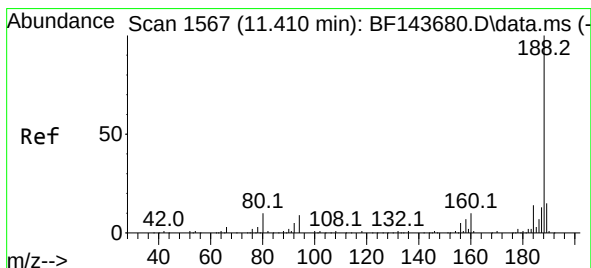
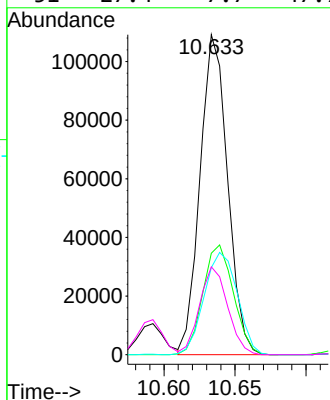
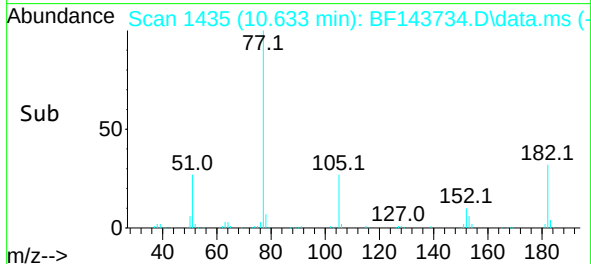
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MS



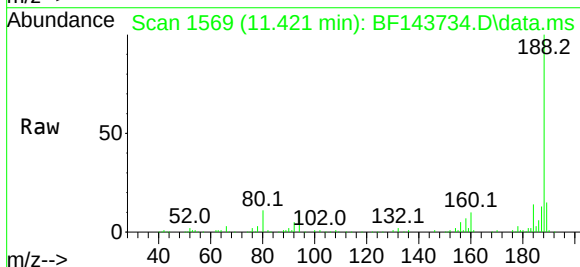
Tgt Ion: 77 Resp: 147300
 Ion Ratio Lower Upper
 77 100
 182 31.7 10.8 50.8
 105 27.2 3.2 43.2
 51 27.4 7.7 47.7

Manual Integrations
 APPROVED

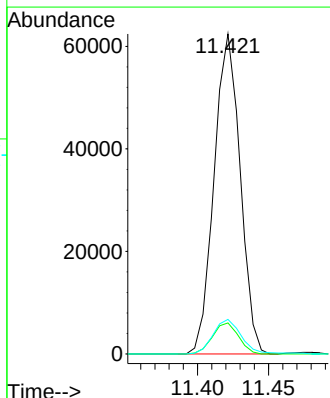
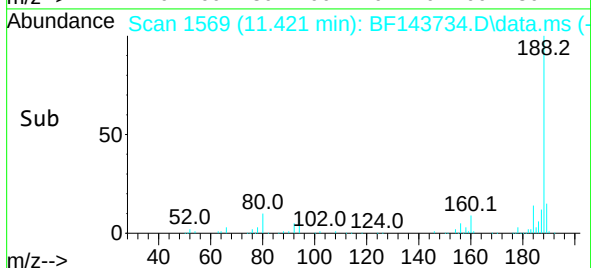
Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

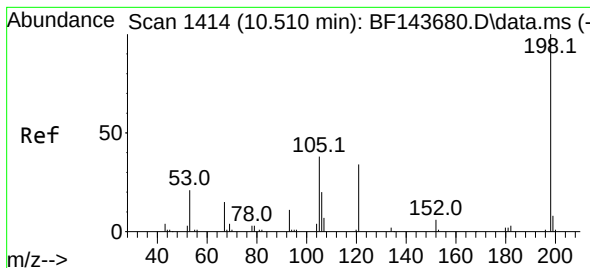


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.421 min Scan# 1569
 Delta R.T. 0.011 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41



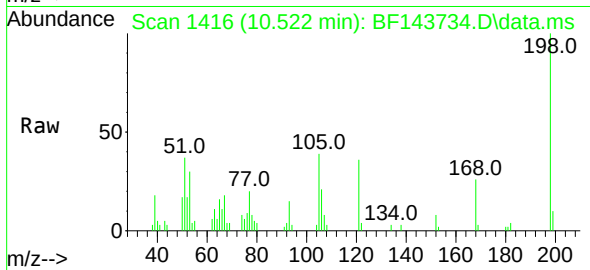
Tgt Ion:188 Resp: 79496
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.4 11.0
 80 10.8 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 23.306 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

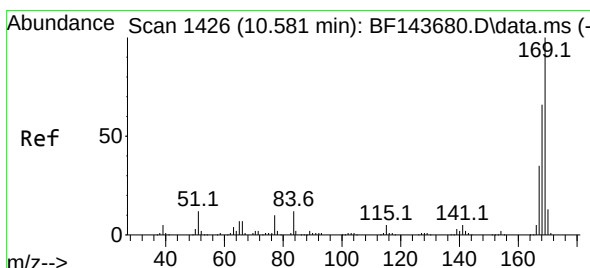
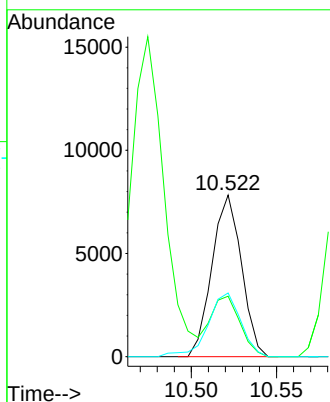
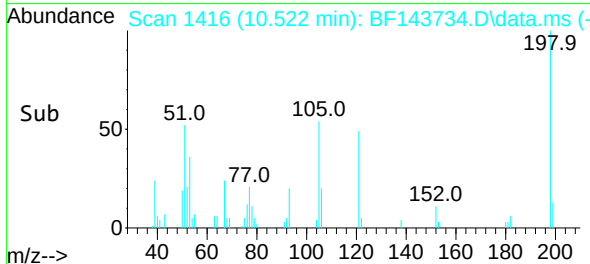
Instrument :
BNA_F
ClientSampleId :
WC-31MS



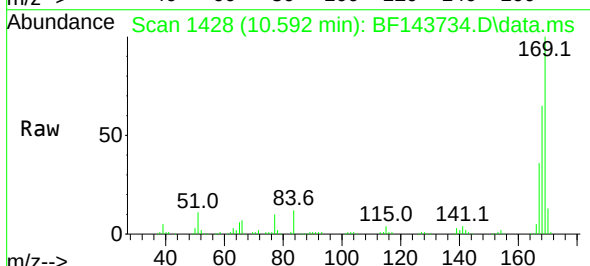
Tgt Ion:198 Resp: 943
Ion Ratio Lower Upper
198 100
51 37.5 21.2 61.2
105 39.4 19.0 59.0

Manual Integrations
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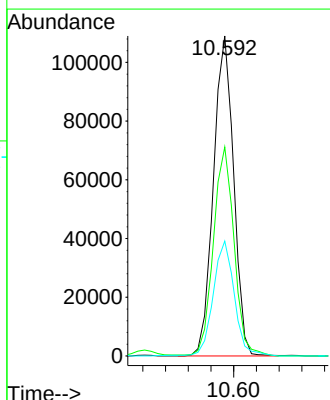
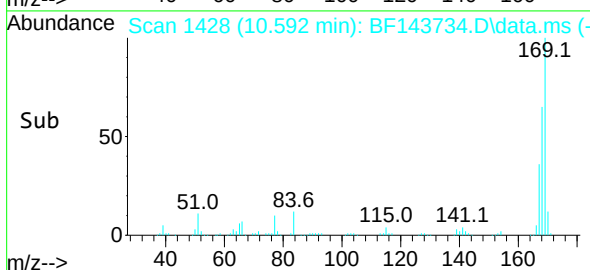
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

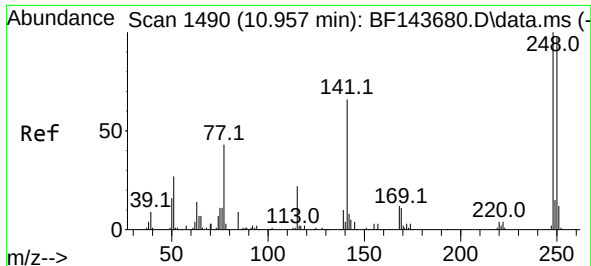


#66
n-Nitrosodiphenylamine
Concen: 51.703 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:169 Resp: 134649
Ion Ratio Lower Upper
169 100
168 65.3 53.0 79.6
167 35.9 28.1 42.1





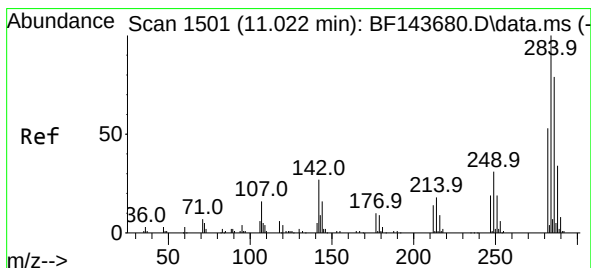
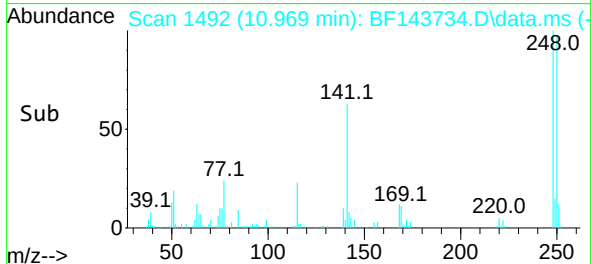
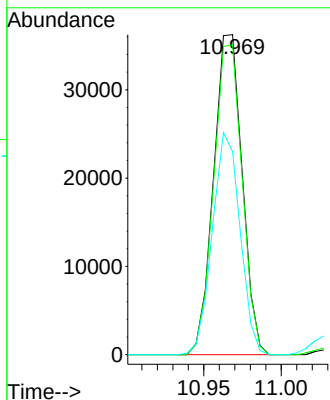
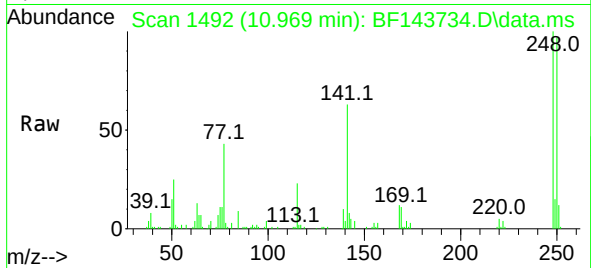
#67
4-Bromophenyl-phenylether
Concen: 48.527 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion:248 Resp: 46520
Ion Ratio Lower Upper
248 100
250 96.8 77.5 116.3
141 63.5 52.6 79.0

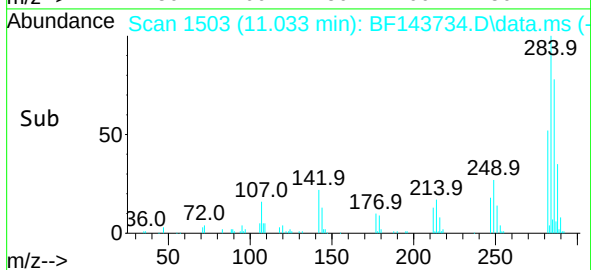
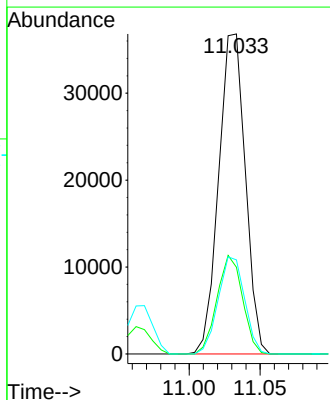
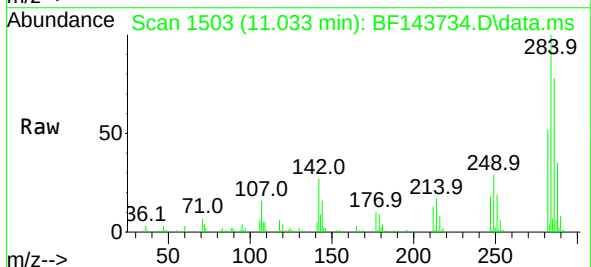
Manual Integrations
APPROVED

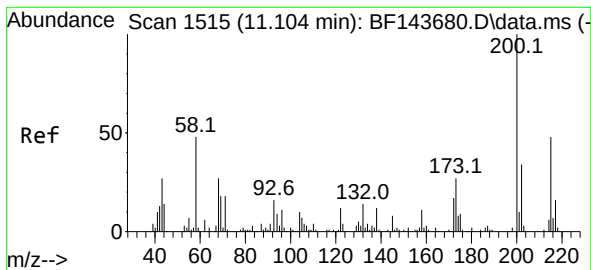
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#68
Hexachlorobenzene
Concen: 47.499 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

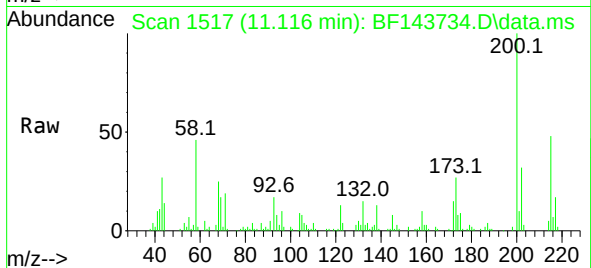
Tgt Ion:284 Resp: 48080
Ion Ratio Lower Upper
284 100
142 27.1 21.3 31.9
249 29.4 25.0 37.4





#69
 Atrazine
 Concen: 53.127 ng
 RT: 11.116 min Scan# 1116
 Delta R.T. 0.011 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41

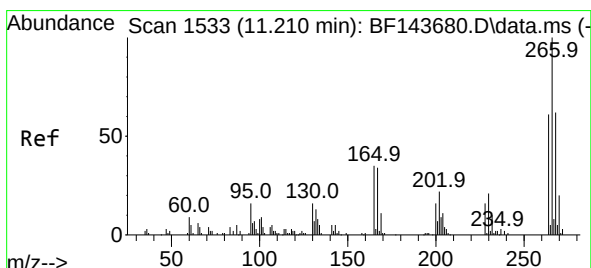
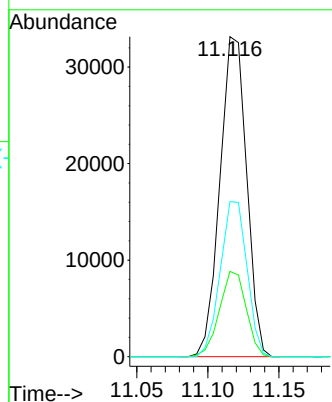
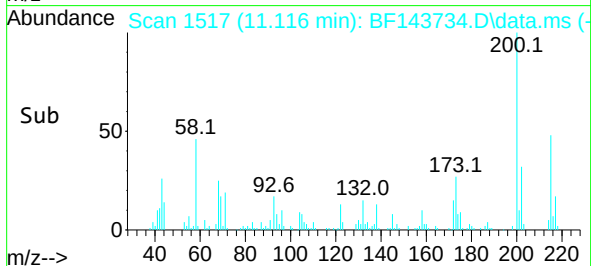
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MS



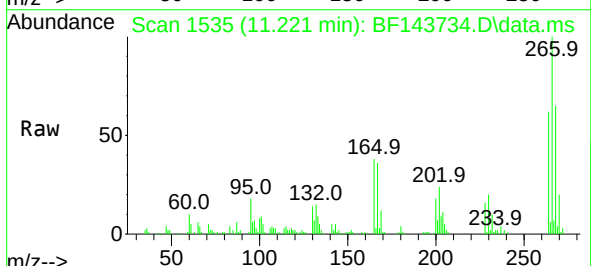
Tgt Ion:200 Resp: 4338
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.3 47.3
 215 48.4 28.5 68.5

Manual Integrations
 APPROVED

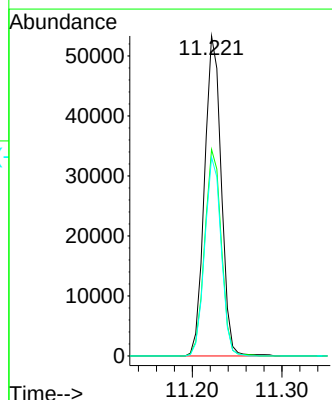
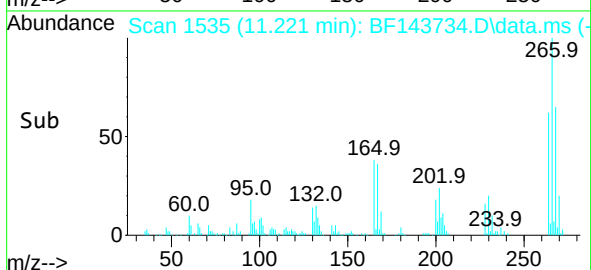
Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

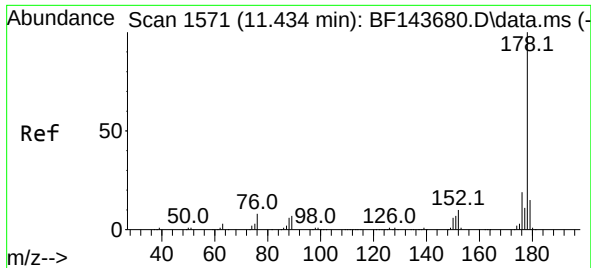


#70
 Pentachlorophenol
 Concen: 112.521 ng
 RT: 11.221 min Scan# 1535
 Delta R.T. 0.011 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41



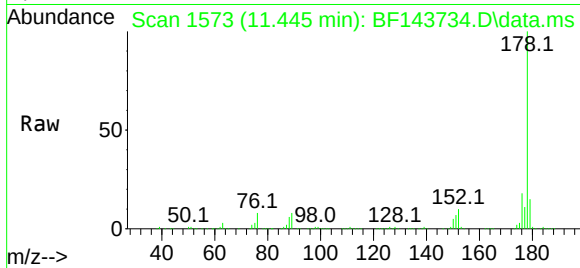
Tgt Ion:266 Resp: 68852
 Ion Ratio Lower Upper
 266 100
 268 64.6 49.2 73.8
 264 62.1 48.6 73.0





#71
Phenanthrene
Concen: 65.999 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

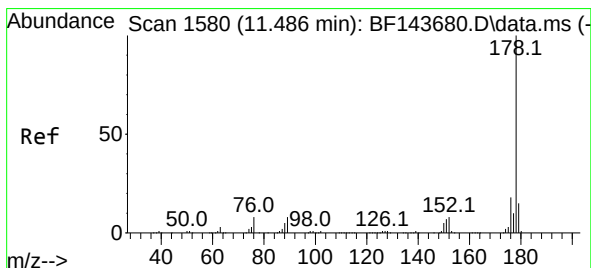
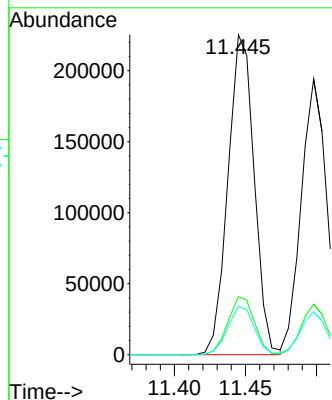
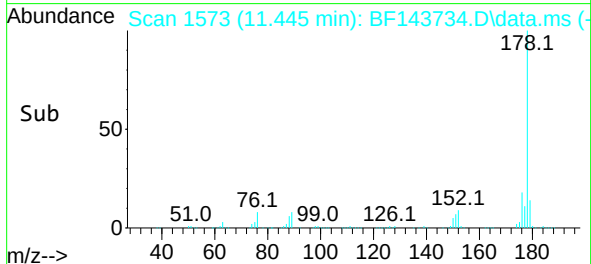
Instrument :
BNA_F
ClientSampleId :
WC-31MS



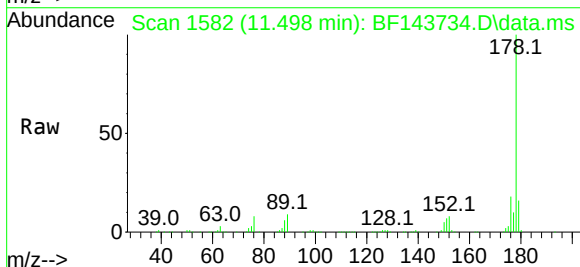
Tgt Ion:178 Resp: 289080
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.1 12.2 18.2

Manual Integrations
APPROVED

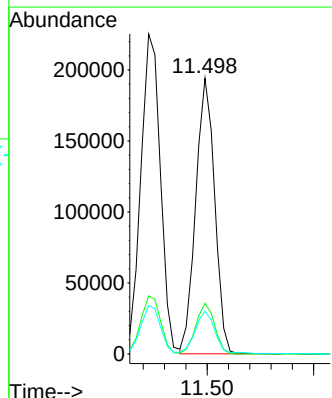
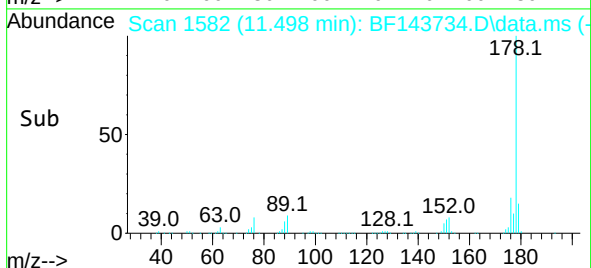
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

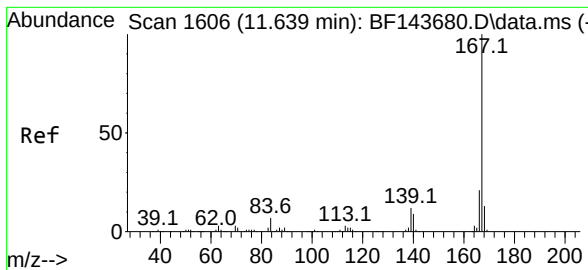


#72
Anthracene
Concen: 54.583 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



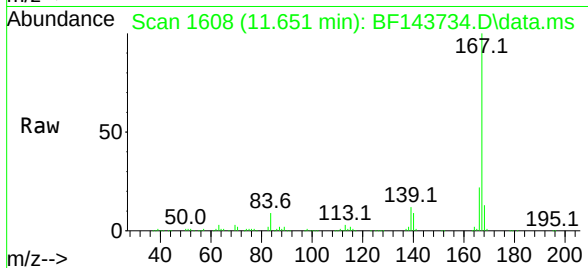
Tgt Ion:178 Resp: 240397
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 15.6 12.2 18.2





#73
Carbazole
Concen: 55.541 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

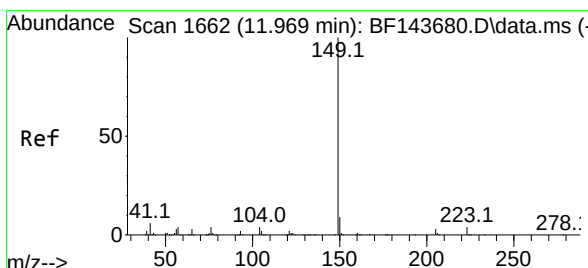
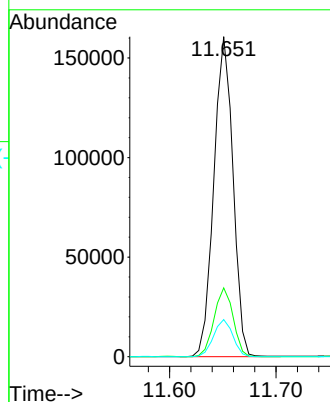
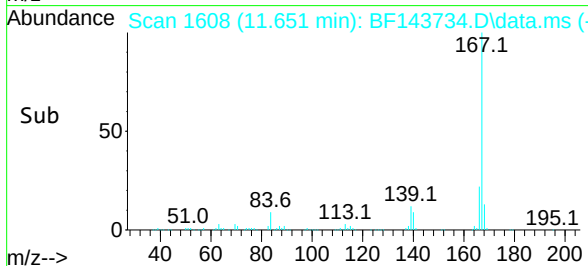
Instrument :
BNA_F
ClientSampleId :
WC-31MS



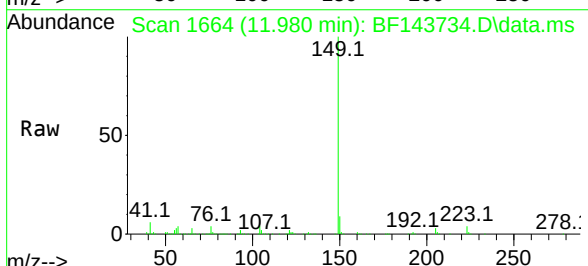
Tgt Ion:167 Resp: 200333
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.4
139 11.6 9.7 14.5

Manual Integrations
APPROVED

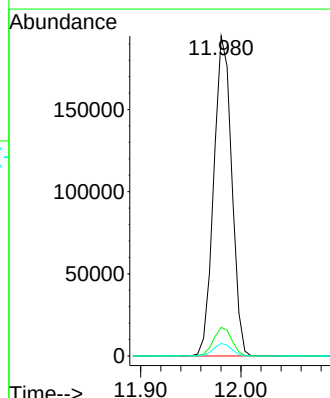
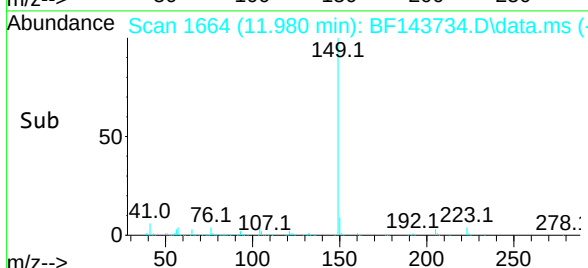
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

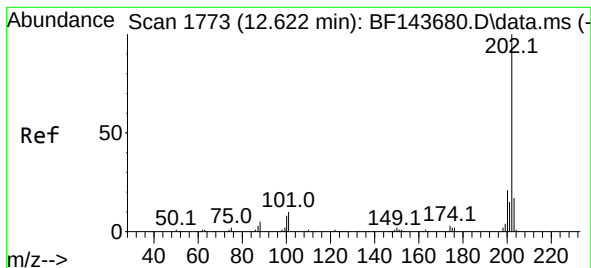


#74
Di-n-butylphthalate
Concen: 55.803 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.011 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



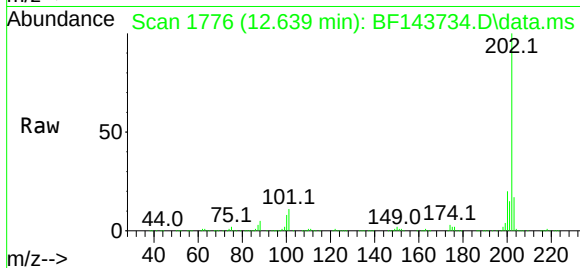
Tgt Ion:149 Resp: 242324
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 3.9 3.3 4.9





#75
Fluoranthene
Concen: 84.538 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

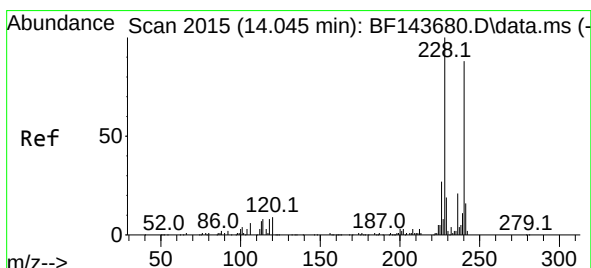
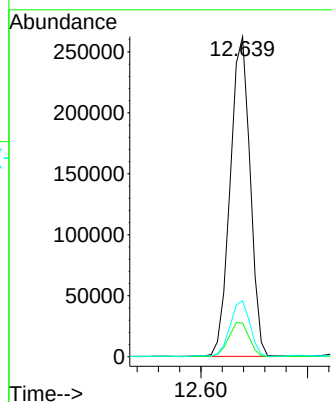
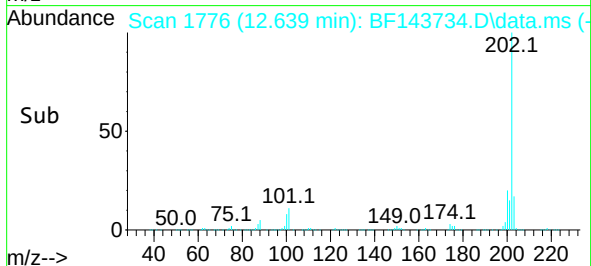
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion:202 Resp: 339928
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.5
203 17.5 0.0 37.1

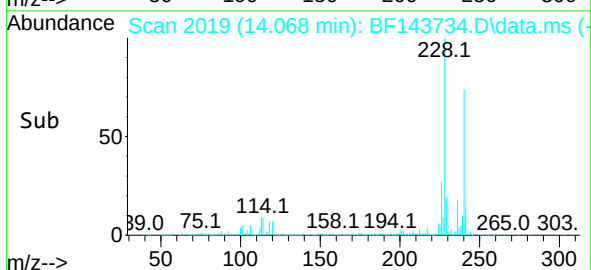
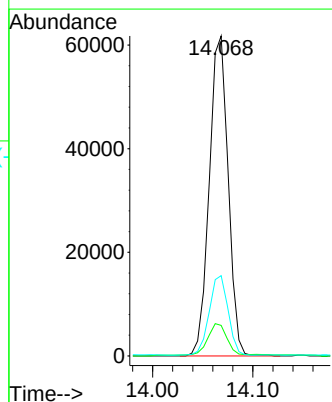
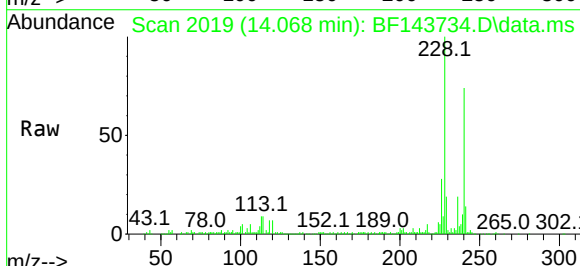
Manual Integrations
APPROVED

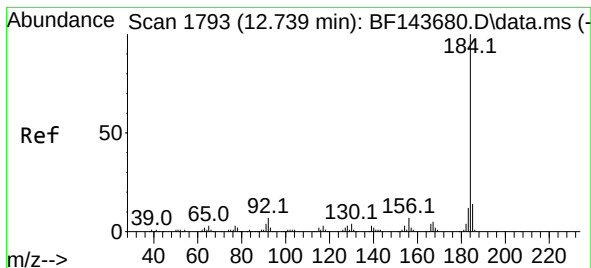
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion:240 Resp: 80966
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.1 18.6 28.0





#77

Benzidine

Concen: 32.364 ng

RT: 12.757 min Scan# 11

Delta R.T. 0.017 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

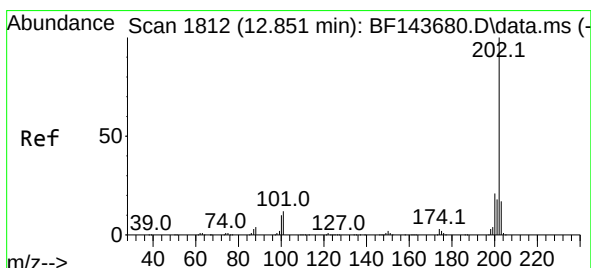
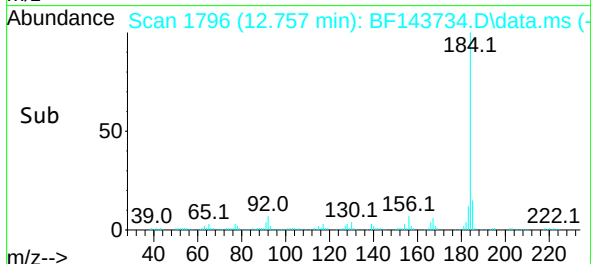
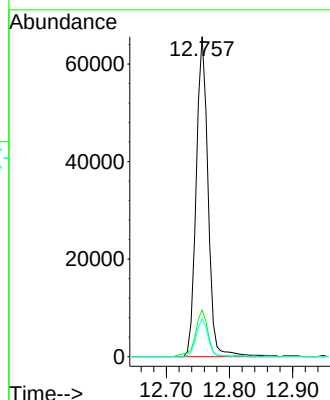
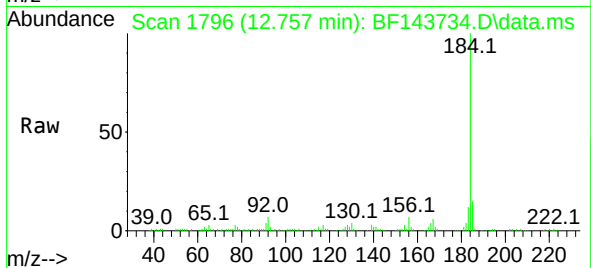
Tgt Ion:184	Resp:	8545
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.5 17.3
183	11.8	9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#78

Pyrene

Concen: 53.503 ng

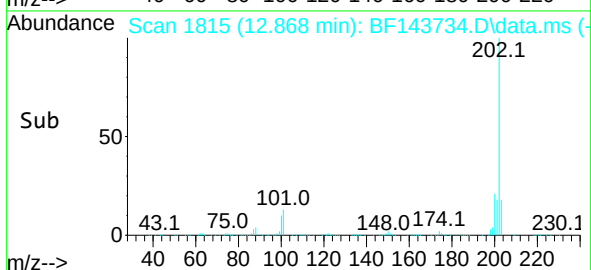
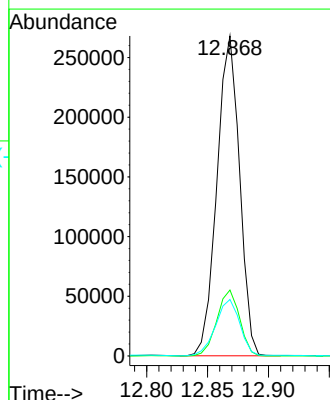
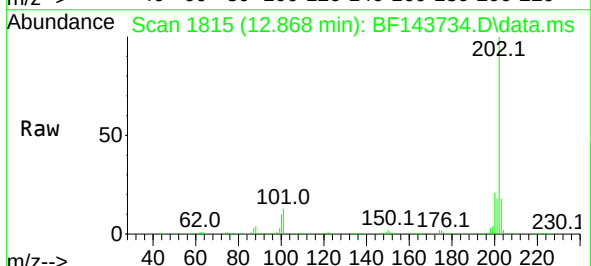
RT: 12.868 min Scan# 1815

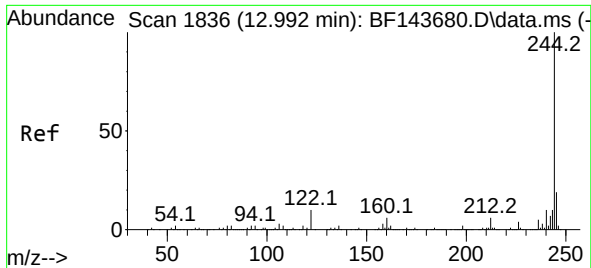
Delta R.T. 0.017 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

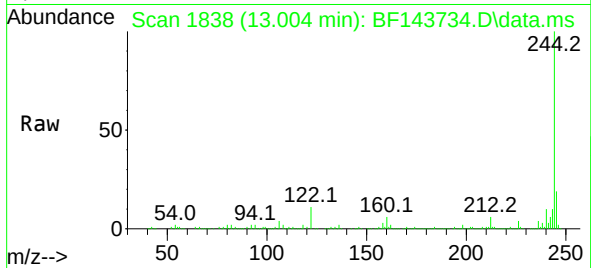
Tgt Ion:202	Resp:	346357
Ion Ratio	Lower	Upper
202	100	
200	20.6	16.6 24.8
203	17.7	13.5 20.3





#79
 Terphenyl-d14
 Concen: 46.132 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. 0.012 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41

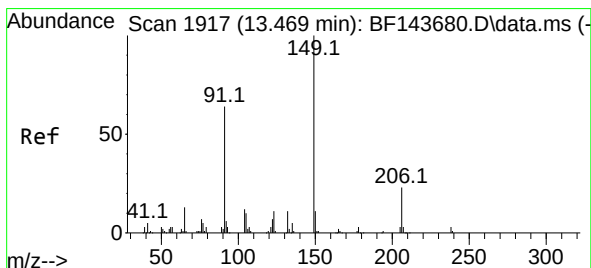
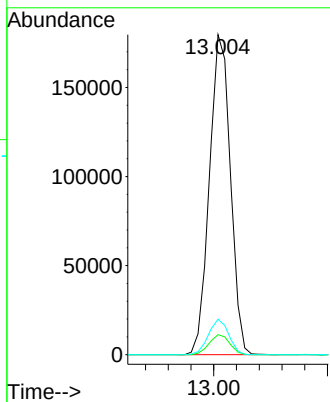
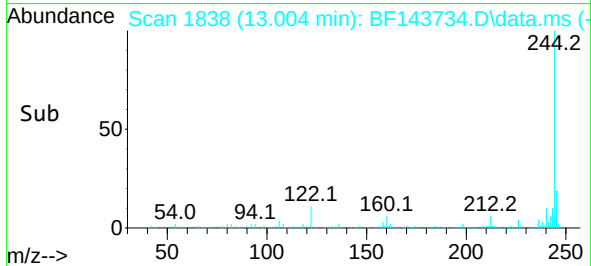
Instrument :
 BNA_F
 ClientSampleId :
 WC-31MS



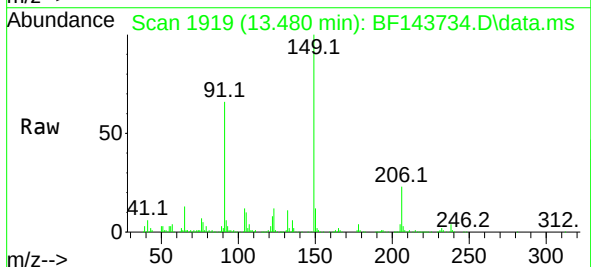
Tgt Ion:244 Resp: 230488
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 11.1 7.9 11.9

Manual Integrations
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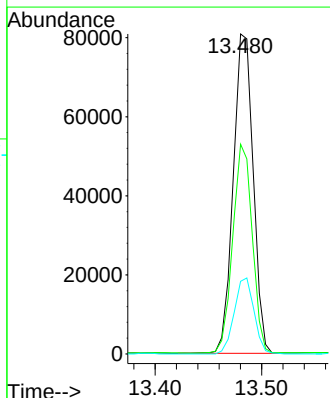
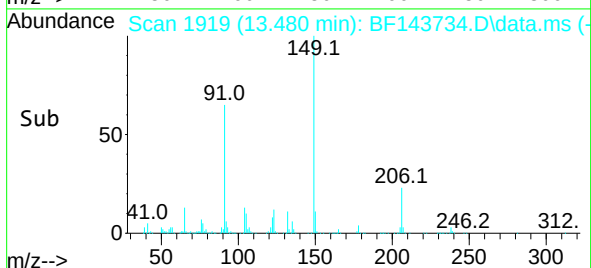
Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

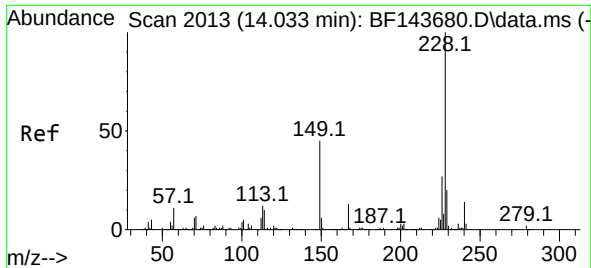


#80
 Butylbenzylphthalate
 Concen: 51.929 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143734.D
 Acq: 12 Sep 2025 15:41



Tgt Ion:149 Resp: 105327
 Ion Ratio Lower Upper
 149 100
 91 65.6 50.9 76.3
 206 22.7 18.2 27.2





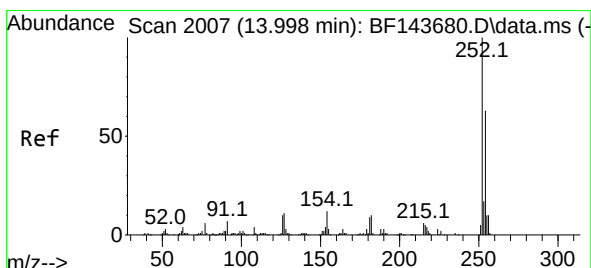
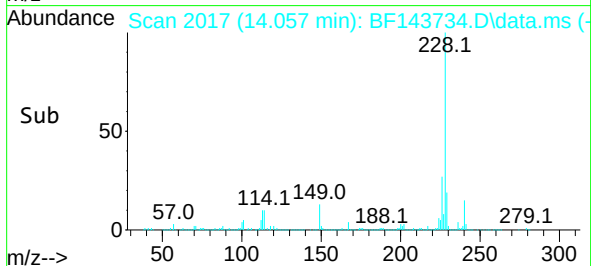
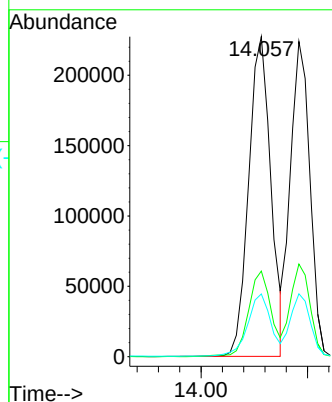
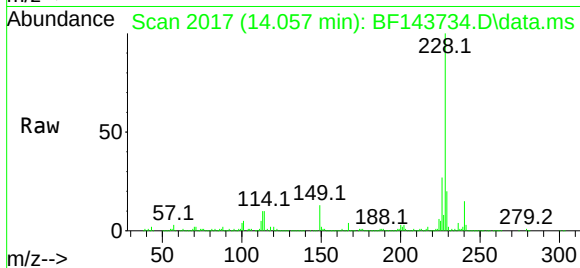
#81
Benzo(a)anthracene
Concen: 63.021 ng
RT: 14.057 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Instrument :
BNA_F
ClientSampleId :
WC-31MS

Tgt Ion:228 Resp: 328260
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.6 15.7 23.5

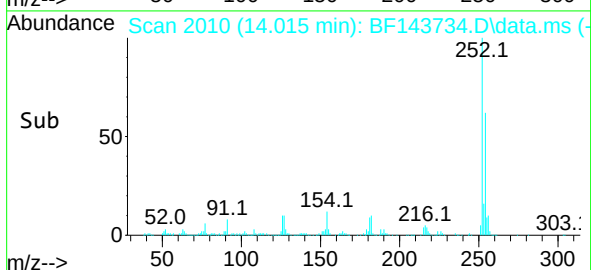
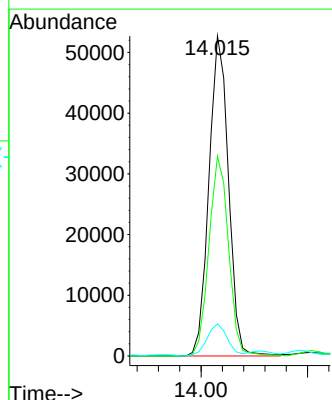
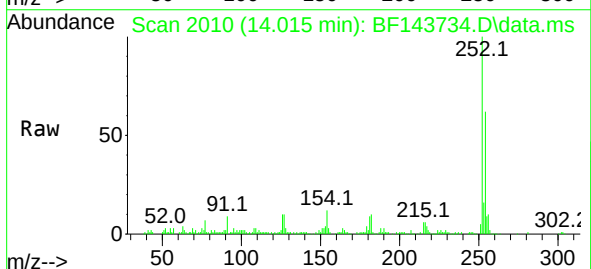
Manual Integrations
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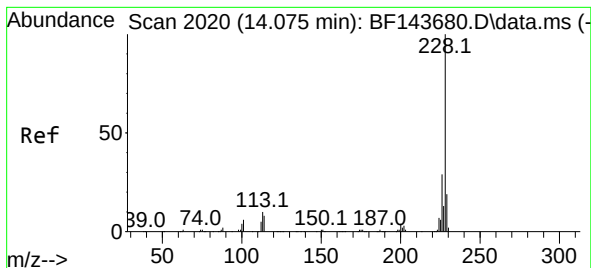
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.808 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

Tgt Ion:252 Resp: 66996
Ion Ratio Lower Upper
252 100
254 62.4 50.5 75.7
126 10.1 8.2 12.4





#83

Chrysene

Concen: 59.325 ng

RT: 14.092 min Scan# 2015

Delta R.T. 0.017 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

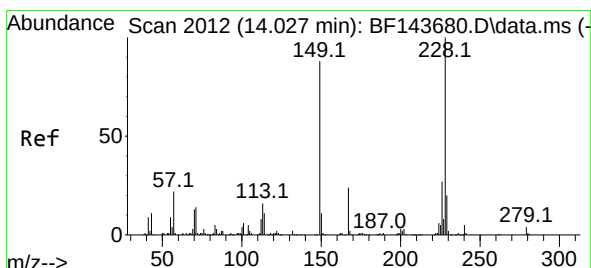
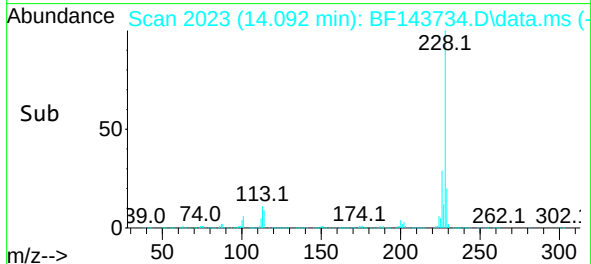
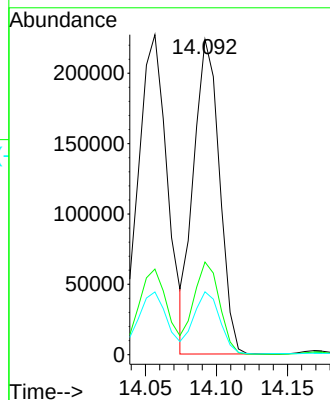
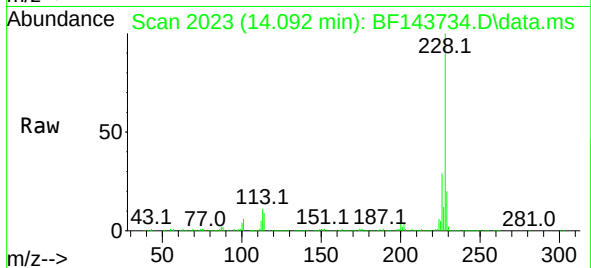
Tgt Ion:228	Resp: 283018
Ion Ratio	Lower Upper
228 100	
226 29.4	22.7 34.1
229 20.0	15.1 22.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.137 ng

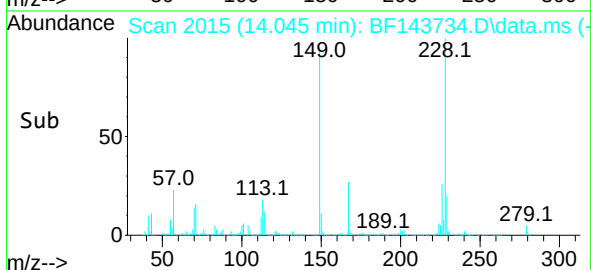
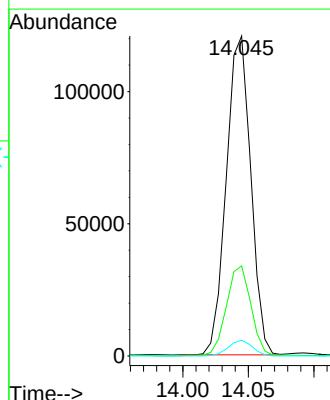
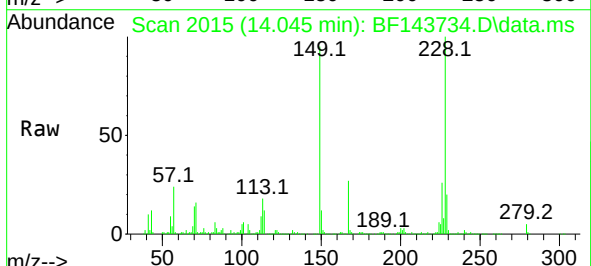
RT: 14.045 min Scan# 2015

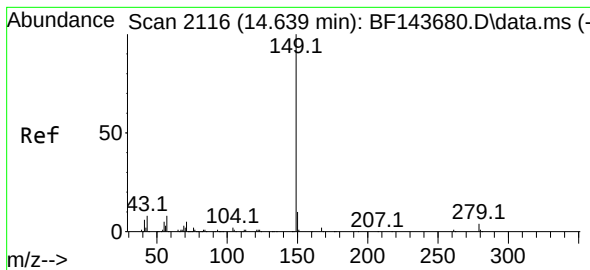
Delta R.T. 0.017 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

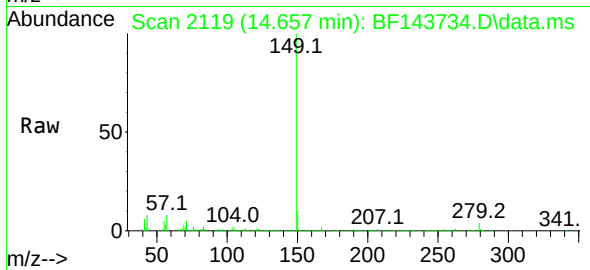
Tgt Ion:149	Resp: 156671
Ion Ratio	Lower Upper
149 100	
167 28.1	22.2 33.2
279 4.9	3.5 5.3





#85
Di-n-octyl phthalate
Concen: 53.965 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.017 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

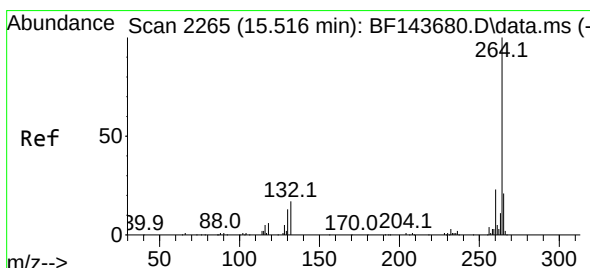
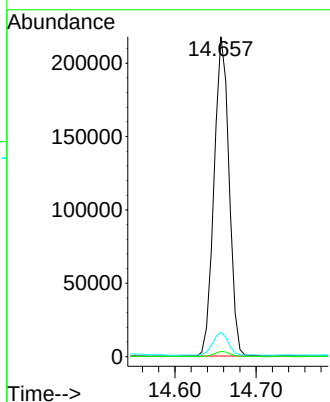
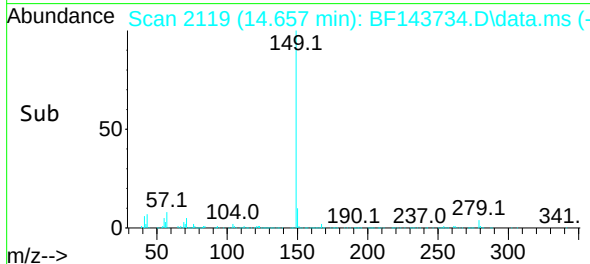
Instrument :
BNA_F
ClientSampleId :
WC-31MS



Tgt Ion:149 Resp: 279860
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 7.4 6.2 9.2

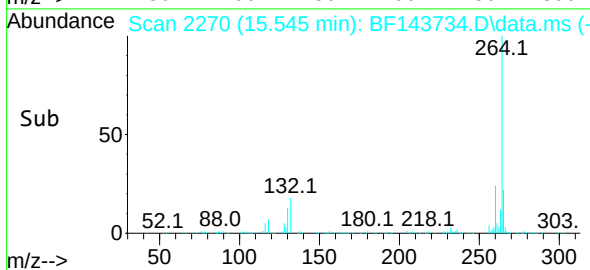
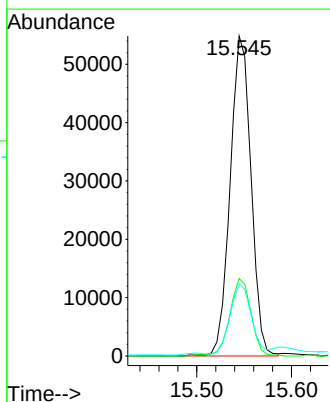
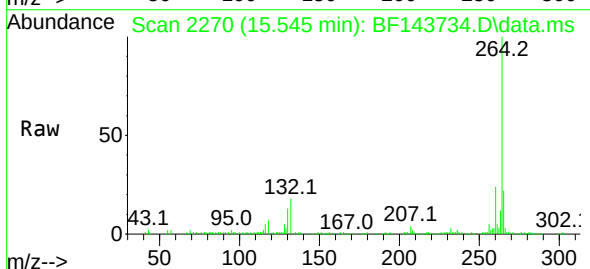
Manual Integrations
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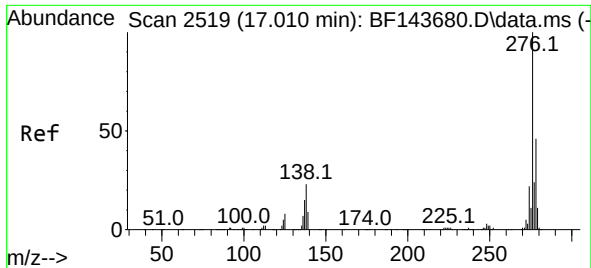
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

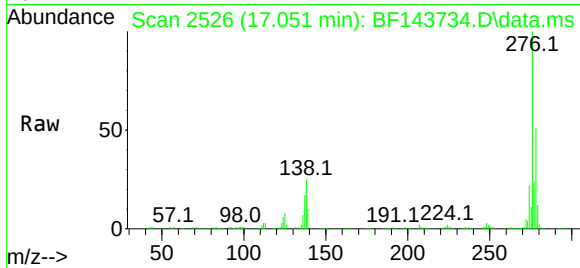
Tgt Ion:264 Resp: 83824
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 22.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.440 ng
RT: 17.051 min Scan# 2197
Delta R.T. 0.041 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

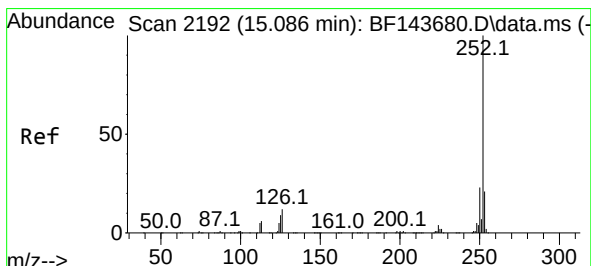
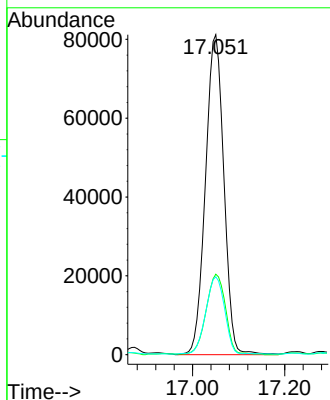
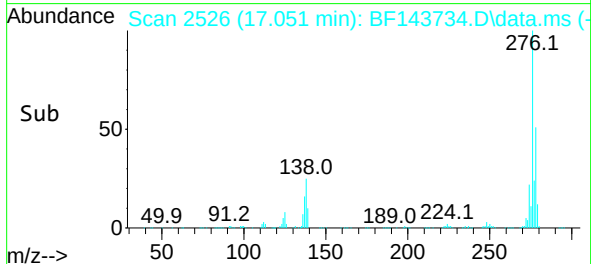
Instrument :
BNA_F
ClientSampleId :
WC-31MS



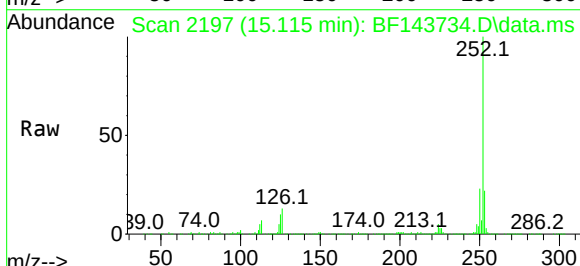
Tgt Ion: 276 Resp: 225632
Ion Ratio Lower Upper
276 100
138 26.7 19.7 29.5
277 24.5 20.2 30.2

Manual Integrations
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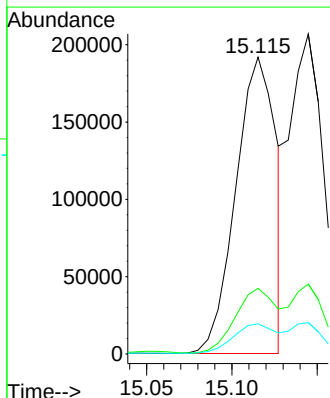
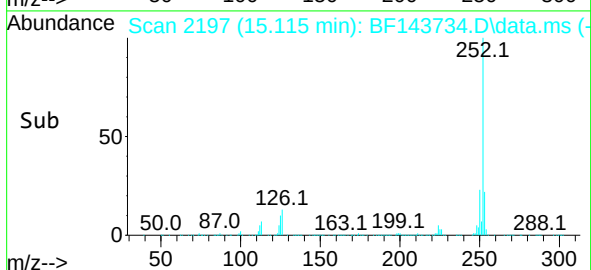
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

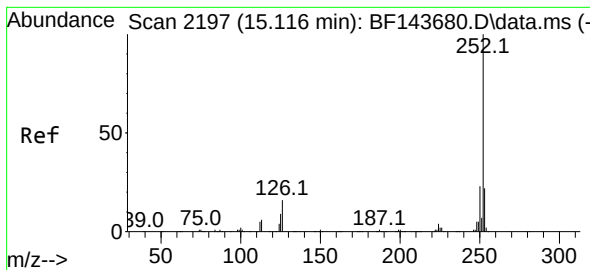


#88
Benzo(b)fluoranthene
Concen: 62.925 ng
RT: 15.115 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion: 252 Resp: 313989
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 62.881 ng m

RT: 15.145 min Scan# 2197

Delta R.T. 0.029 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

Instrument :

BNA_F

ClientSampleId :

WC-31MS

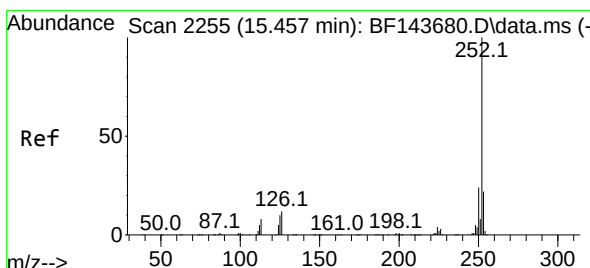
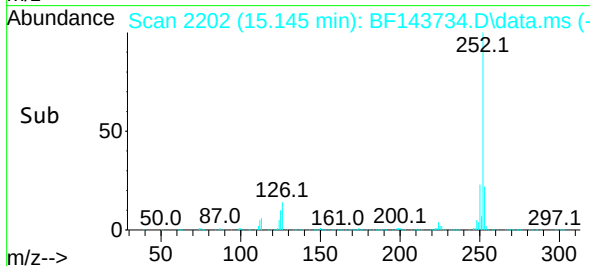
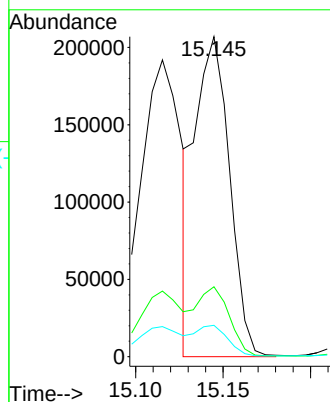
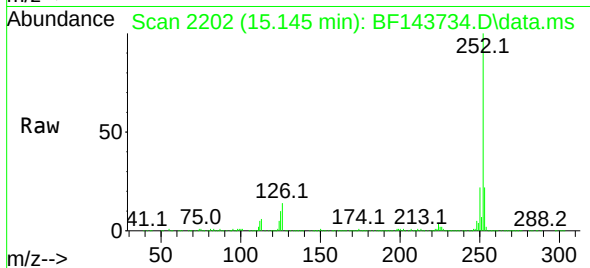
Tgt Ion:252 Resp: 28317
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 9.8 7.3 10.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/15/2025



#90

Benzo(a)pyrene

Concen: 63.320 ng

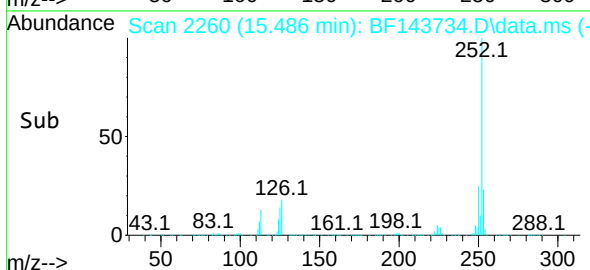
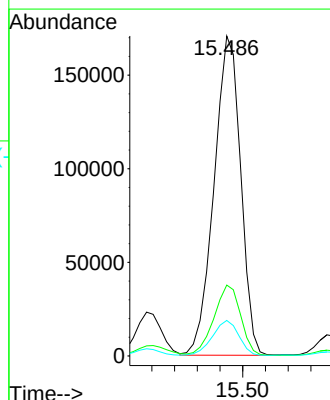
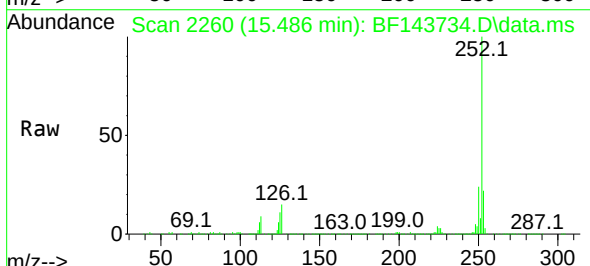
RT: 15.486 min Scan# 2260

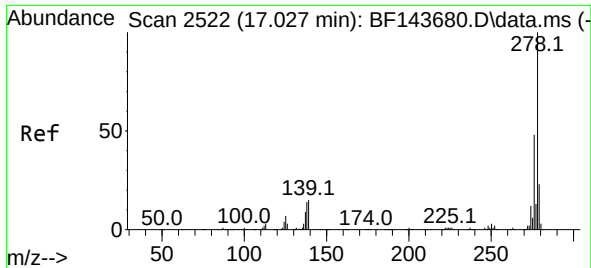
Delta R.T. 0.029 min

Lab File: BF143734.D

Acq: 12 Sep 2025 15:41

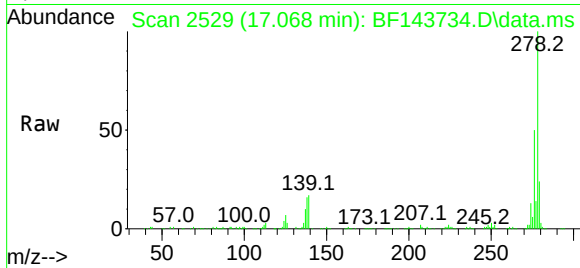
Tgt Ion:252 Resp: 277581
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 11.1 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 37.713 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41

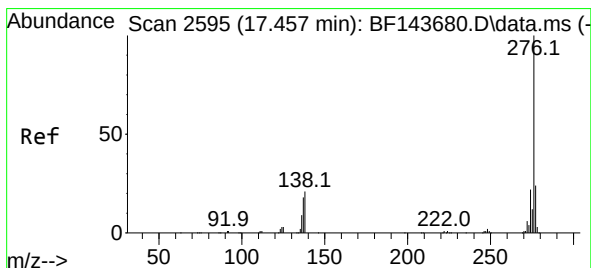
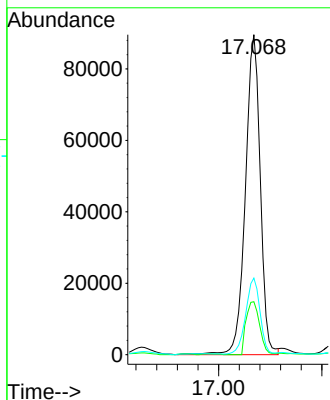
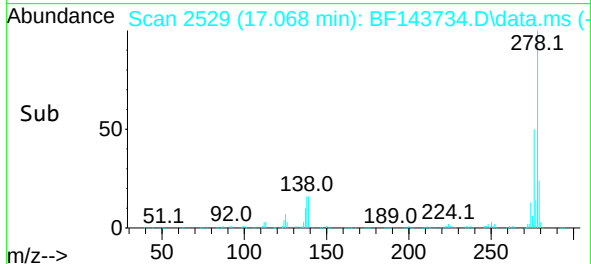
Instrument :
BNA_F
ClientSampleId :
WC-31MS



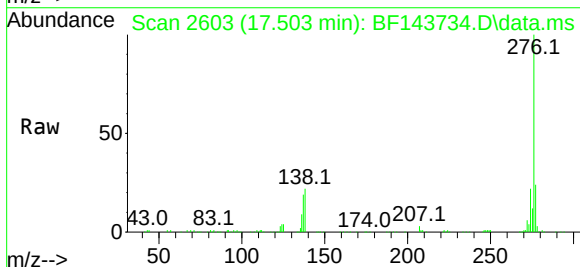
Tgt Ion:278 Resp: 178998
Ion Ratio Lower Upper
278 100
139 16.5 12.2 18.4
279 24.0 18.7 28.1

Manual Integrations
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Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#92
Benzo(g,h,i)perylene
Concen: 38.523 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.047 min
Lab File: BF143734.D
Acq: 12 Sep 2025 15:41



Tgt Ion:276 Resp: 171026
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.3 17.0 25.4

