

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143735.D
 Acq On : 12 Sep 2025 16:11
 Operator : RC/JU
 Sample : Q3082-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-31MSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 16:32:16 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	6.898	152	34051	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	118248	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	59761	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	88100	20.000	ng	0.01
76) Chrysene-d12	14.069	240	81490	20.000	ng	0.02
86) Perylene-d12	15.551	264	82113	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	174856	87.612	ng	0.02
7) Phenol-d6	6.516	99	217787	89.622	ng	0.01
23) Nitrobenzene-d5	7.457	82	132509	69.702	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	51913	86.197	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	253926	64.186	ng	0.00
79) Terphenyl-d14	13.004	244	222041	44.155	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	36591	41.101	ng	97
3) Pyridine	3.499	79	89305	38.833	ng	98
4) n-Nitrosodimethylamine	3.452	42	40326	46.162	ng	99
6) Aniline	6.557	93	95964	29.816	ng	96
8) 2-Chlorophenol	6.681	128	94799	43.980	ng	95
9) Benzaldehyde	6.446	77	61668	31.453	ng	99
10) Phenol	6.534	94	119080	44.330	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	88742	44.234	ng	97
12) 1,3-Dichlorobenzene	6.840	146	107689	43.684	ng	97
13) 1,4-Dichlorobenzene	6.916	146	111227	44.701	ng	99
14) 1,2-Dichlorobenzene	7.063	146	105285	44.808	ng	99
15) Benzyl Alcohol	7.034	79	78661	44.500	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	102330	38.987	ng	96
17) 2-Methylphenol	7.140	107	74803	43.140	ng	99
18) Hexachloroethane	7.410	117	34282	42.651	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	64513	43.226	ng	98
20) 3+4-Methylphenols	7.293	107	98715	43.232	ng	91
22) Acetophenone	7.304	105	142789	53.466	ng	98
24) Nitrobenzene	7.475	77	93820	47.595	ng	97
25) Isophorone	7.716	82	166086	45.561	ng	98
26) 2-Nitrophenol	7.792	139	48248	49.782	ng	96
27) 2,4-Dimethylphenol	7.822	122	86173	49.528	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	104485	46.640	ng	98
29) 2,4-Dichlorophenol	8.028	162	78577	44.896	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	85937	47.395	ng	99
31) Naphthalene	8.198	128	268081	45.797	ng	99
32) Benzoic acid	7.928	122	55493	52.278	ng	97
33) 4-Chloroaniline	8.245	127	37710	18.505	ng	99
34) Hexachlorobutadiene	8.316	225	53949	45.616	ng	99
35) Caprolactam	8.610	113	21506	46.168	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	73059	42.336	ng	94
37) 2-Methylnaphthalene	8.892	142	161109	40.206	ng	99
38) 1-Methylnaphthalene	8.992	142	163235	42.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	91103	53.250	ng	99
41) Hexachlorocyclopentadiene	9.045	237	74537	84.860	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	52641	46.078	ng	100

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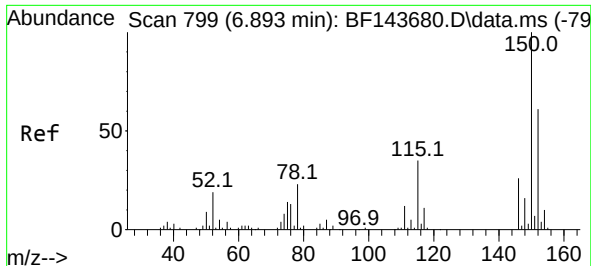
Quant Time: Sep 12 16:32:16 2025
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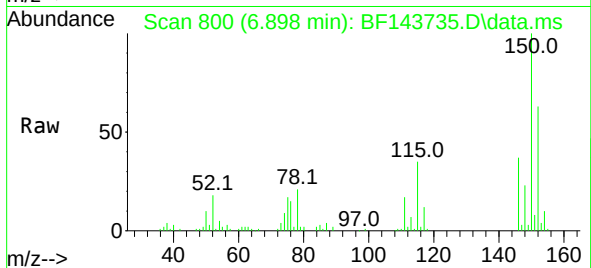
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	54979	47.339	ng	97
46) 1,1'-Biphenyl	9.357	154	232703	54.088	ng	100
47) 2-Chloronaphthalene	9.381	162	159102	47.172	ng	98
48) 2-Nitroaniline	9.469	65	43595	48.842	ng	99
49) Acenaphthylene	9.798	152	261125	54.048	ng	99
50) Dimethylphthalate	9.651	163	187436	48.206	ng	99
51) 2,6-Dinitrotoluene	9.716	165	38844	52.250	ng	92
52) Acenaphthene	9.969	154	154721	46.473	ng	99
53) 3-Nitroaniline	9.881	138	28012	35.013	ng	98
54) 2,4-Dinitrophenol	9.986	184	15893	42.554	ng	# 69
55) Dibenzofuran	10.139	168	225289	47.060	ng	98
56) 4-Nitrophenol	10.034	139	60532	95.103	ng	96
57) 2,4-Dinitrotoluene	10.116	165	49742	49.162	ng	98
58) Fluorene	10.481	166	175220	46.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	43273m	45.951	ng	
60) Diethylphthalate	10.357	149	172387	47.224	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	86631	45.582	ng	99
62) 4-Nitroaniline	10.492	138	31914	42.118	ng	99
63) Azobenzene	10.633	77	159943	49.562	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	11452	25.531	ng	97
66) n-Nitrosodiphenylamine	10.592	169	146336	50.703	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	50640	47.665	ng	98
68) Hexachlorobenzene	11.028	284	51645	46.038	ng	95
69) Atrazine	11.116	200	45597	50.387	ng	99
70) Pentachlorophenol	11.222	266	69492	102.476	ng	99
71) Phenanthrene	11.445	178	301520	62.116	ng	99
72) Anthracene	11.498	178	252719	51.777	ng	99
73) Carbazole	11.651	167	205181	51.330	ng	99
74) Di-n-butylphthalate	11.980	149	249221	51.786	ng	99
75) Fluoranthene	12.639	202	333587	74.859	ng	99
77) Benzidine	12.757	184	90033	33.880	ng	99
78) Pyrene	12.869	202	339561	52.116	ng	99
80) Butylbenzylphthalate	13.486	149	99885	48.929	ng	99
81) Benzo(a)anthracene	14.057	228	309910	59.114	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	67079	41.590	ng	99
83) Chrysene	14.092	228	271449	56.534	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	143858	49.390	ng	99
85) Di-n-octyl phthalate	14.657	149	260701	49.947	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	209866	37.449	ng	99
88) Benzo(b)fluoranthene	15.116	252	293398	60.024	ng	98
89) Benzo(k)fluoranthene	15.145	252	262830m	59.579	ng	
90) Benzo(a)pyrene	15.486	252	255488	59.495	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	163144	35.089	ng	99
92) Benzo(g,h,i)perylene	17.504	276	159122	36.588	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

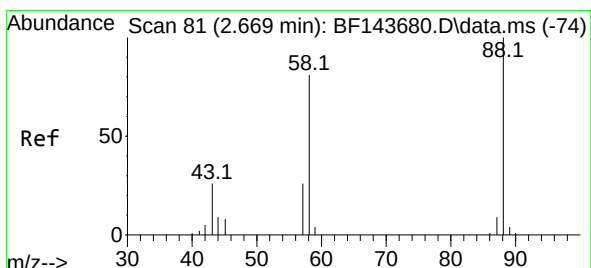
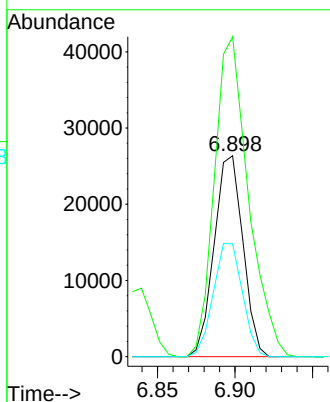
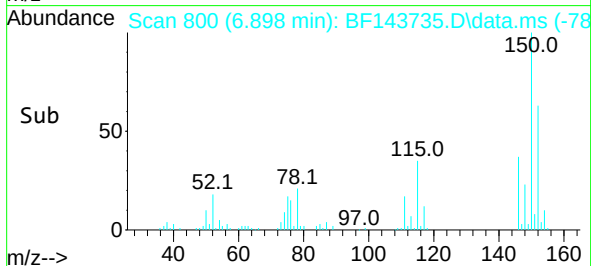
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



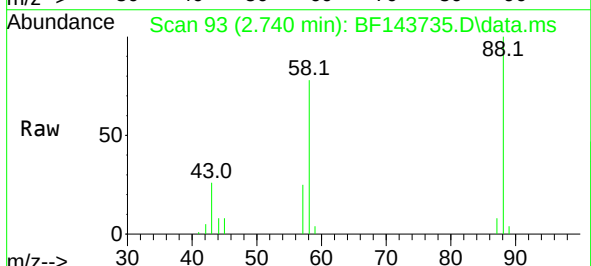
Tgt Ion:152 Resp: 3405
Ion Ratio Lower Upper
152 100
150 159.2 130.7 196.1
115 56.1 45.9 68.9

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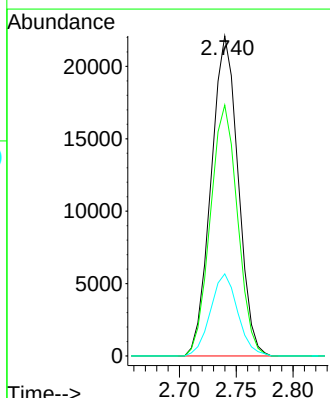
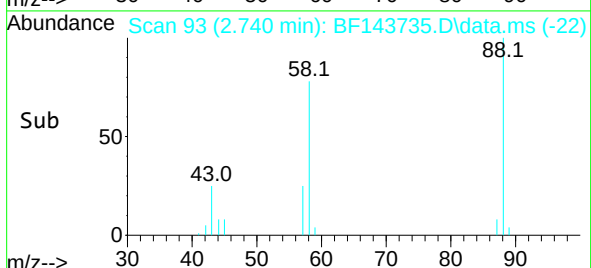
Reviewed By :Rahul Chavli 09/15/2025
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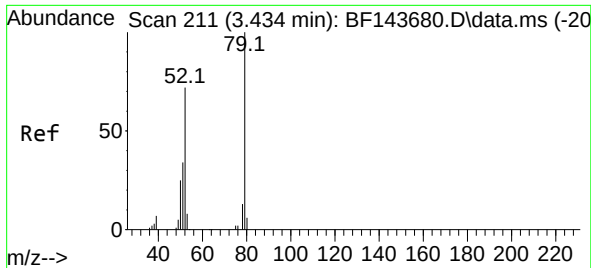


#2
1,4-Dioxane
Concen: 41.101 ng
RT: 2.740 min Scan# 93
Delta R.T. 0.071 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



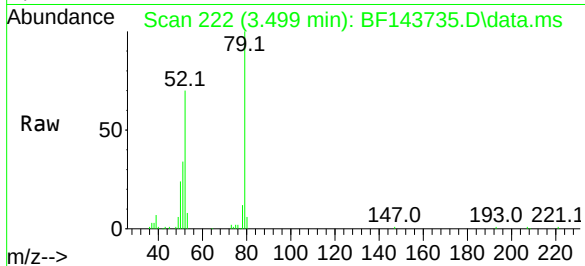
Tgt Ion: 88 Resp: 36591
Ion Ratio Lower Upper
88 100
58 78.9 65.8 98.6
43 25.8 20.6 31.0





#3
Pyridine
Concen: 38.833 ng
RT: 3.499 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

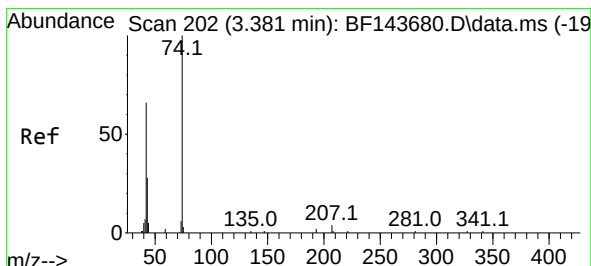
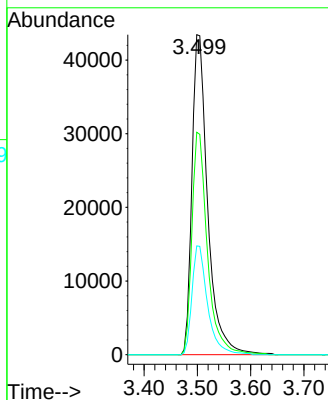
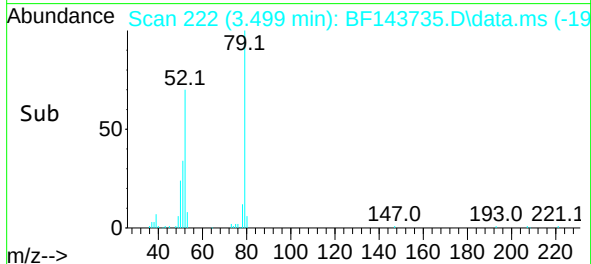
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



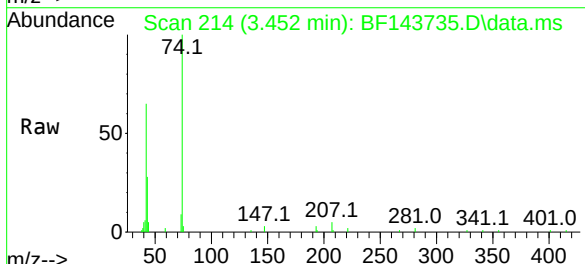
Tgt Ion: 79 Resp: 8930
Ion Ratio Lower Upper
79 100
52 69.5 57.2 85.8
51 34.0 27.0 40.6

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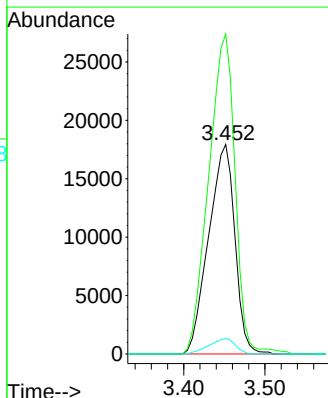
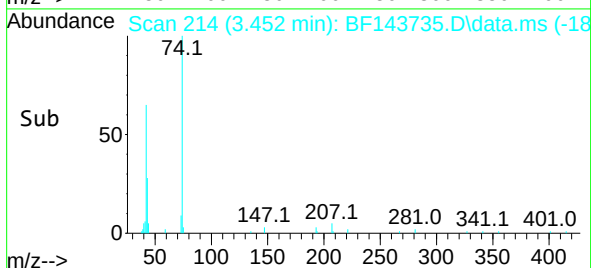
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

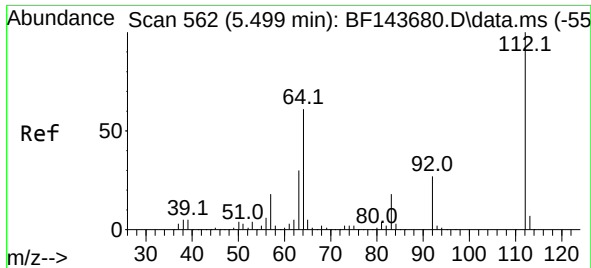


#4
n-Nitrosodimethylamine
Concen: 46.162 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.070 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion: 42 Resp: 40326
Ion Ratio Lower Upper
42 100
74 152.7 120.9 181.3
44 7.4 6.5 9.7





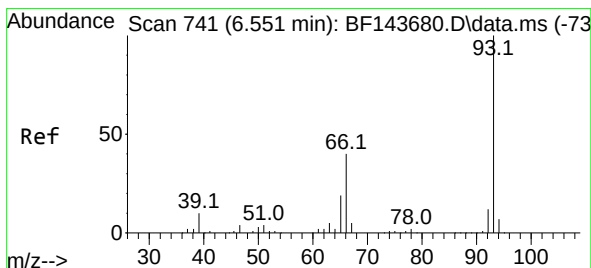
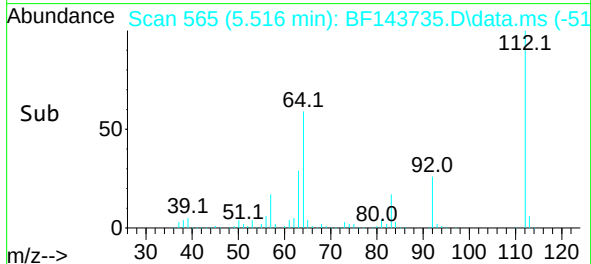
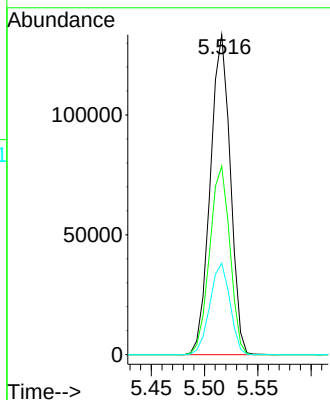
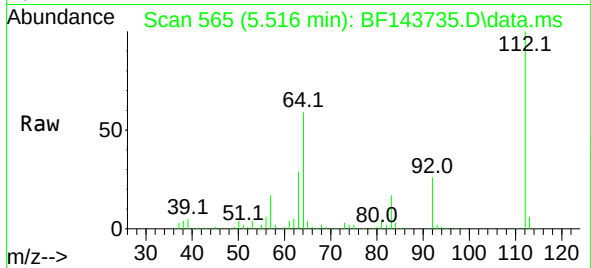
#5
2-Fluorophenol
Concen: 87.612 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:112 Resp: 174850
Ion Ratio Lower Upper
112 100
64 58.9 49.0 73.4
63 28.5 24.3 36.5

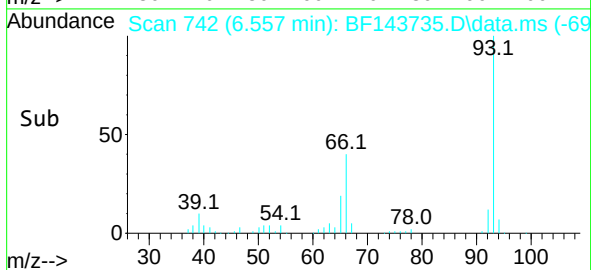
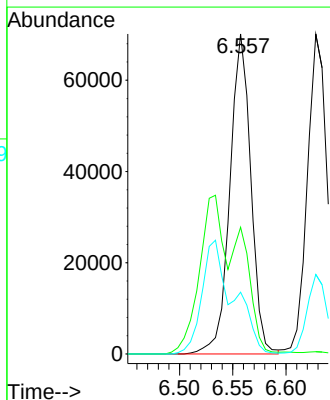
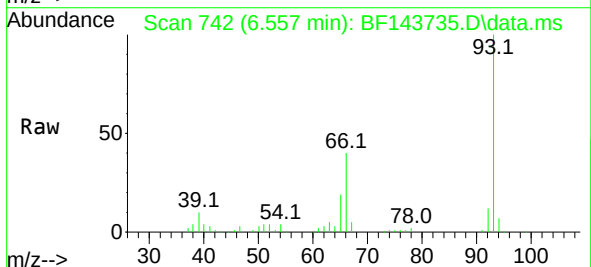
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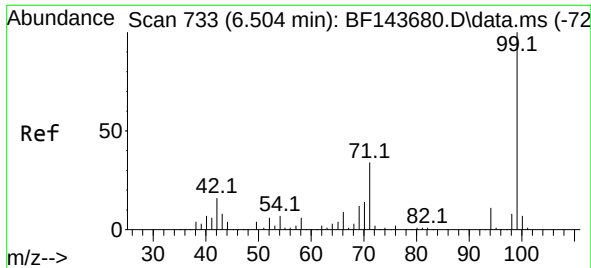
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#6
Aniline
Concen: 29.816 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion: 93 Resp: 95964
Ion Ratio Lower Upper
93 100
66 39.6 34.1 51.1
65 19.3 16.1 24.1





#7

Phenol-d6

Concen: 89.622 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

Tgt Ion: 99 Resp: 21778

Ion Ratio Lower Upper

99 100

42 15.1 13.0 19.4

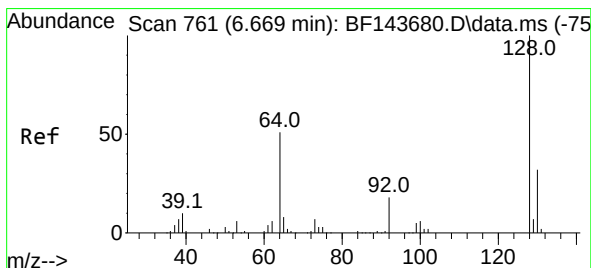
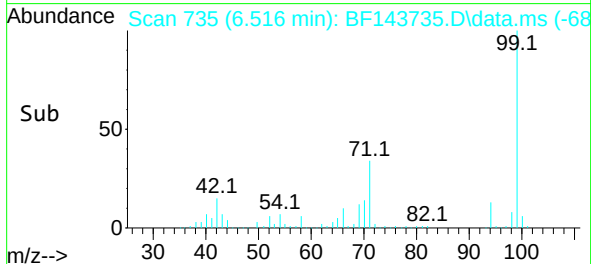
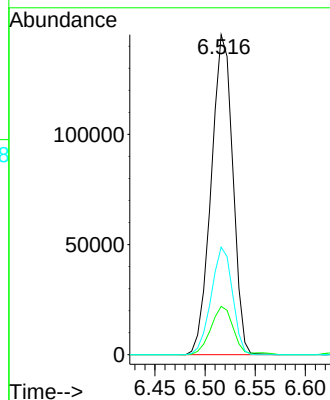
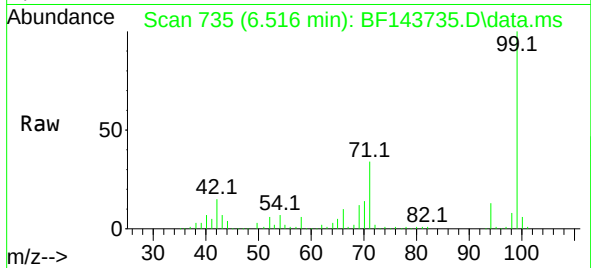
71 33.6 27.4 41.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/15/2025



#8

2-Chlorophenol

Concen: 43.980 ng

RT: 6.681 min Scan# 763

Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

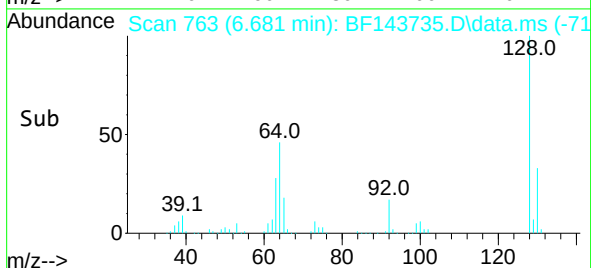
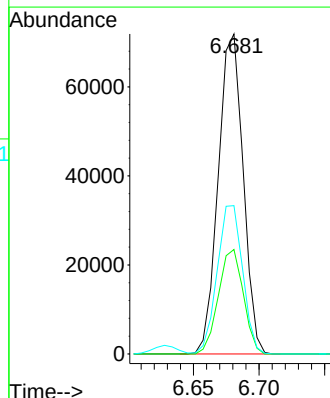
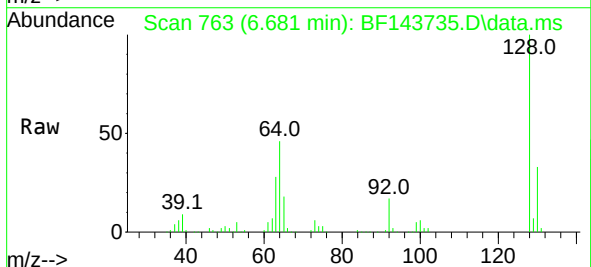
Tgt Ion:128 Resp: 94799

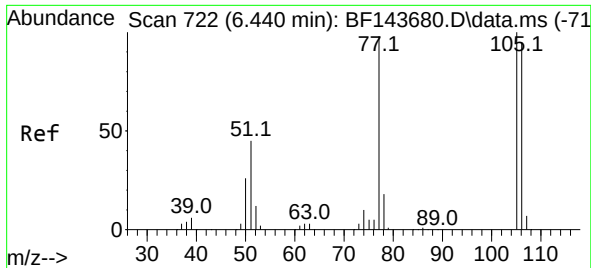
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 46.4 31.9 71.9





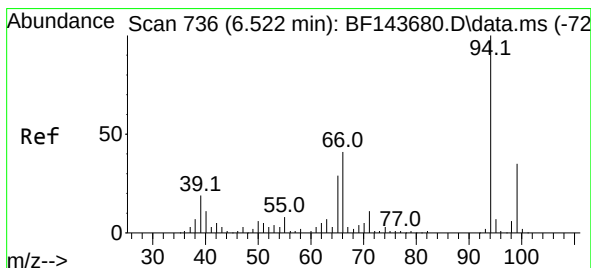
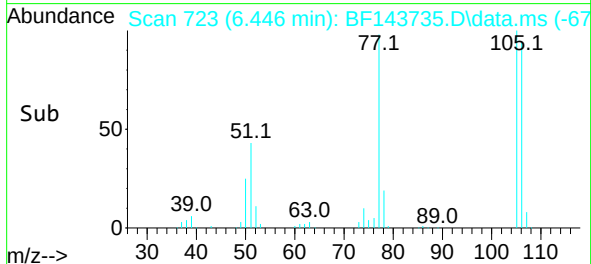
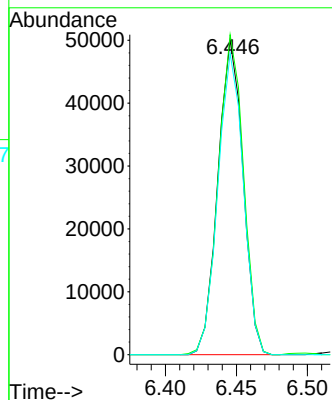
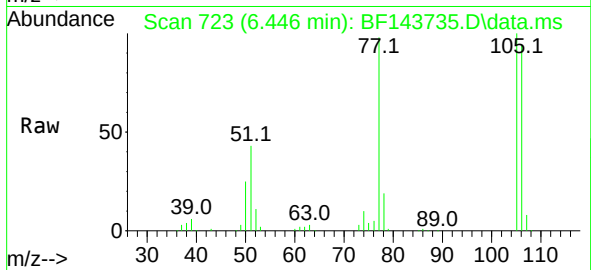
#9
Benzaldehyde
Concen: 31.453 ng
RT: 6.446 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion: 77 Resp: 6166
Ion Ratio Lower Upper
77 100
105 101.6 81.7 121.7
106 95.6 76.9 116.9

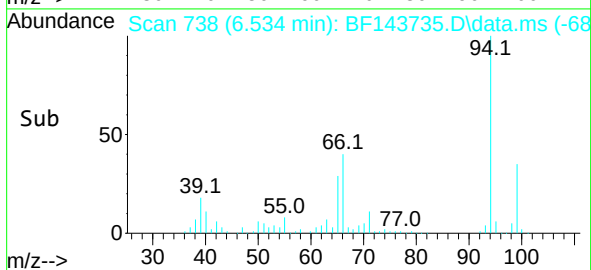
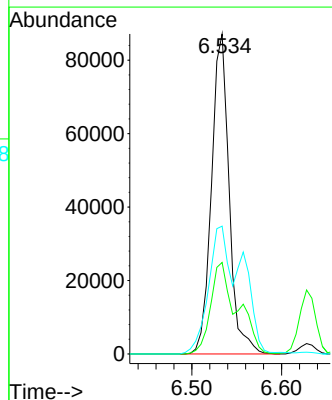
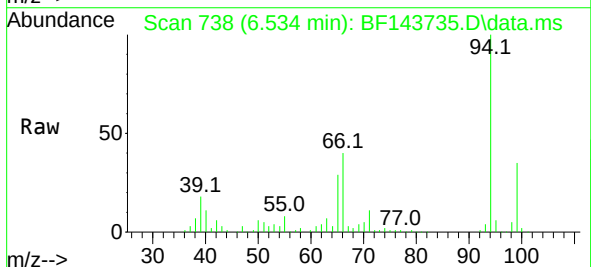
Manual Integrations
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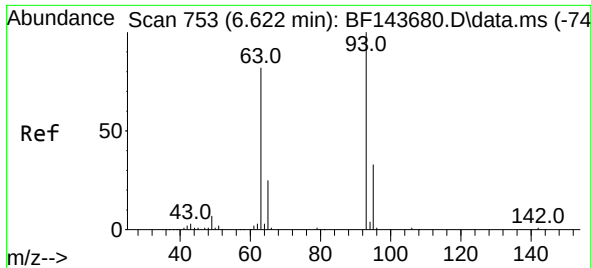
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#10
Phenol
Concen: 44.330 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion: 94 Resp: 119080
Ion Ratio Lower Upper
94 100
65 28.6 9.1 49.1
66 39.9 20.8 60.8





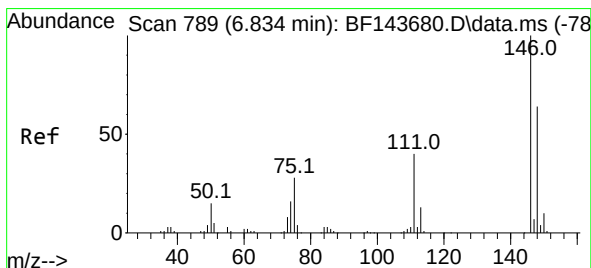
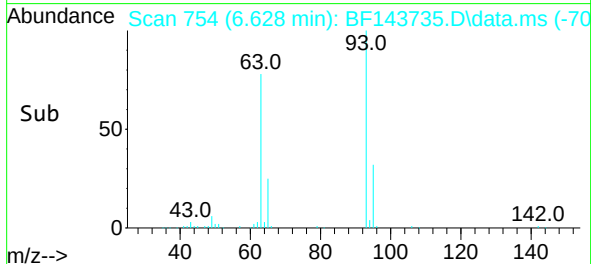
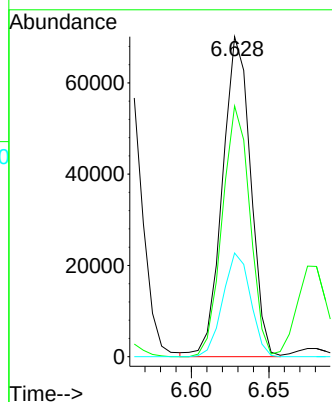
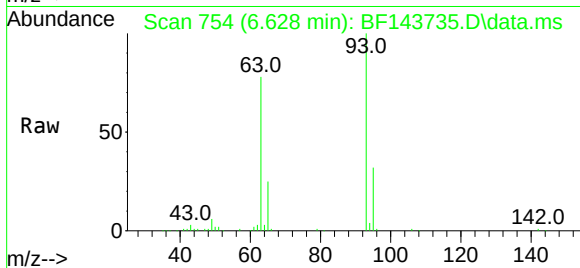
#11
bis(2-Chloroethyl)ether
Concen: 44.234 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion: 93 Resp: 8874
Ion Ratio Lower Upper
93 100
63 78.3 61.8 101.8
95 32.4 12.6 52.6

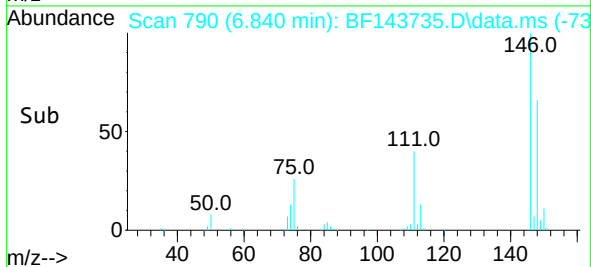
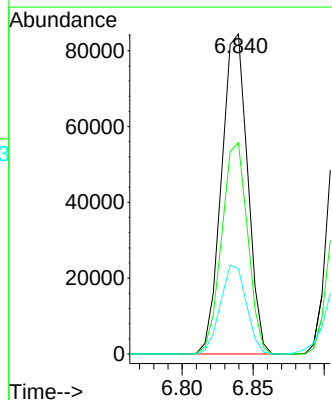
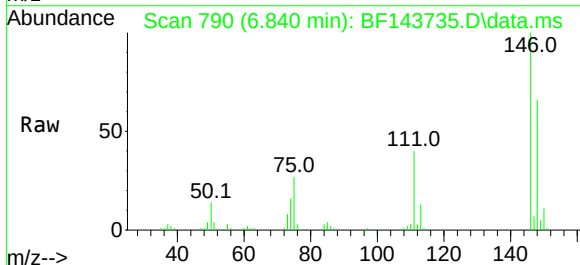
Manual Integrations
APPROVED

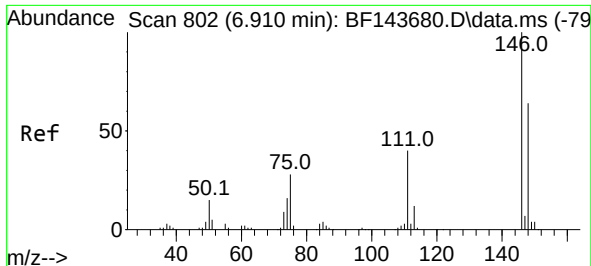
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#12
1,3-Dichlorobenzene
Concen: 43.684 ng
RT: 6.840 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:146 Resp: 107689
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.4
75 26.7 22.0 33.0





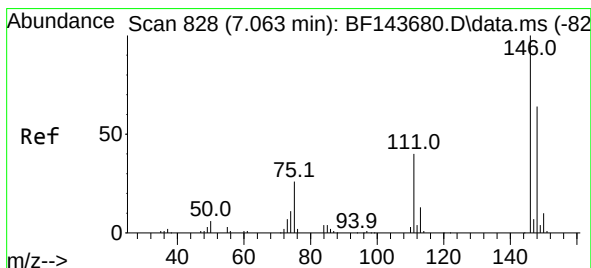
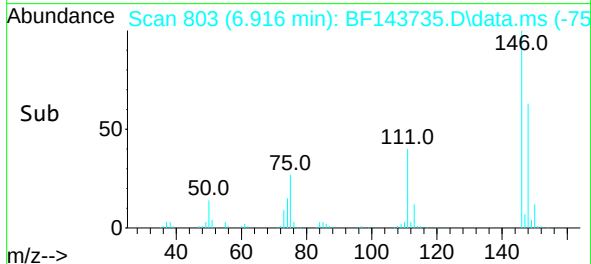
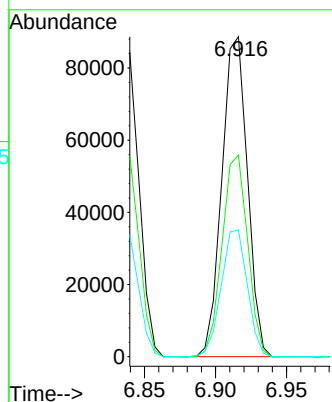
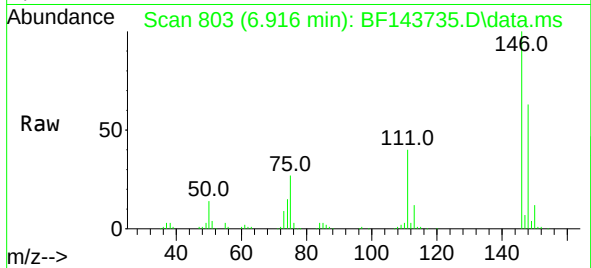
#13
1,4-Dichlorobenzene
Concen: 44.701 ng
RT: 6.916 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:146 Resp: 111227
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 39.6 31.8 47.8

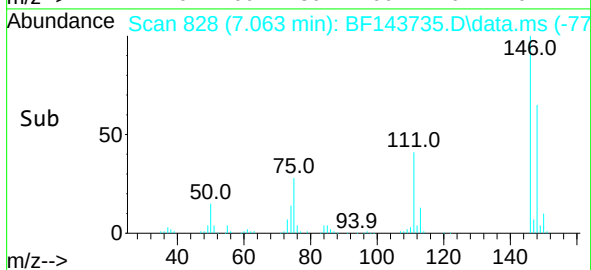
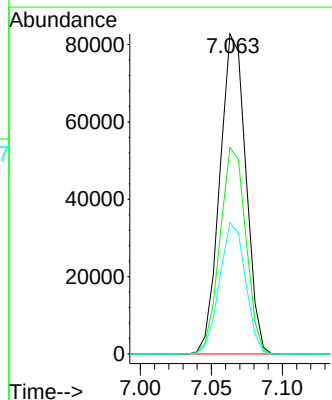
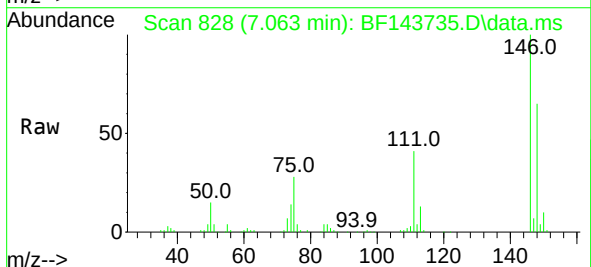
Manual Integrations
APPROVED

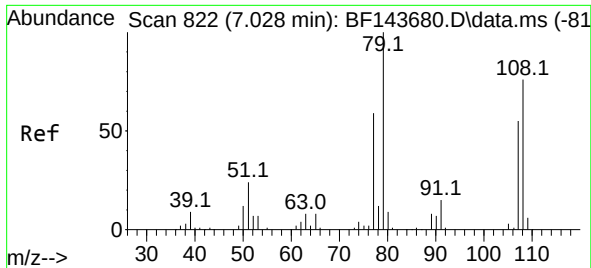
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#14
1,2-Dichlorobenzene
Concen: 44.808 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:146 Resp: 105285
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 41.0 32.3 48.5





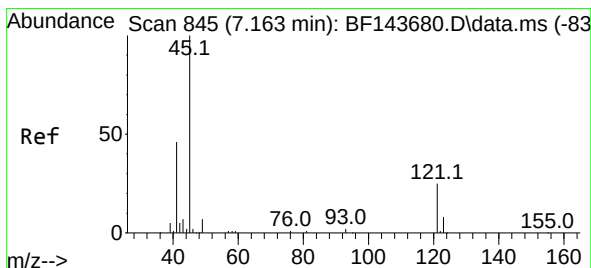
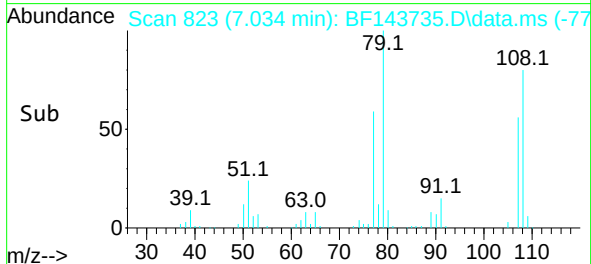
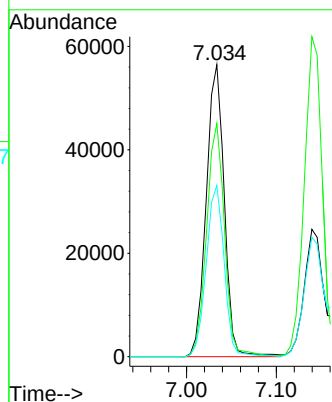
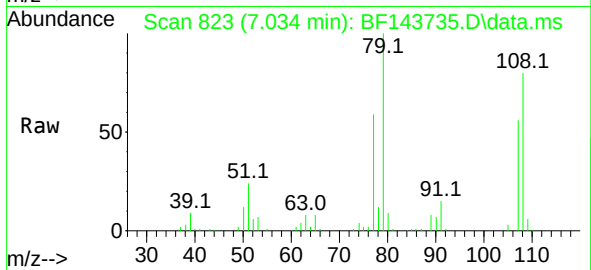
#15
Benzyl Alcohol
Concen: 44.500 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion: 79 Resp: 7866
Ion Ratio Lower Upper
79 100
108 79.9 60.9 91.3
77 58.7 47.4 71.2

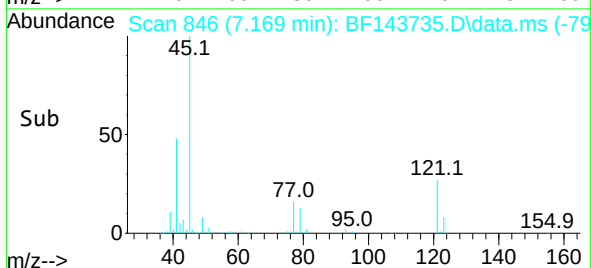
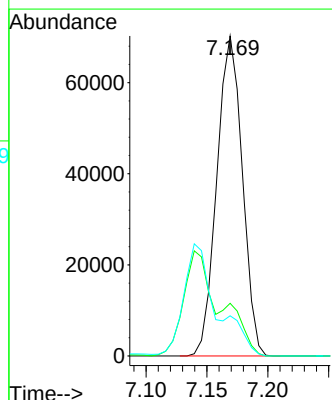
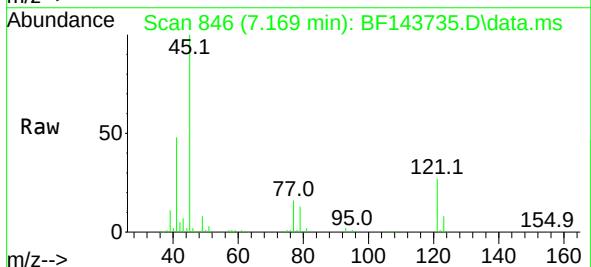
Manual Integrations
APPROVED

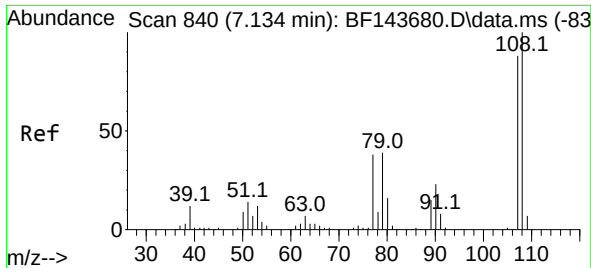
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.987 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

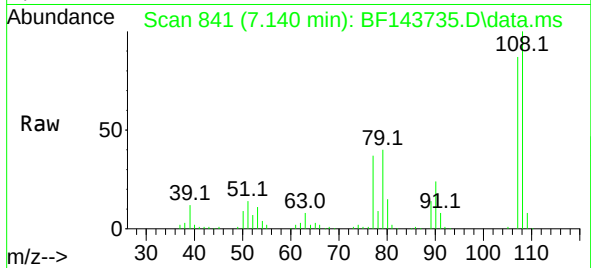
Tgt Ion: 45 Resp: 102330
Ion Ratio Lower Upper
45 100
77 16.4 0.0 34.6
79 12.6 0.0 31.3





#17
2-Methylphenol
Concen: 43.140 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

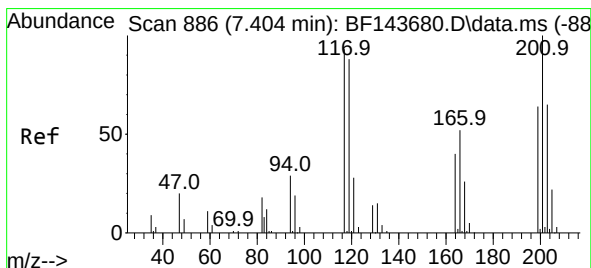
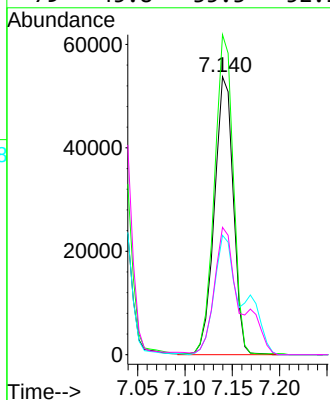
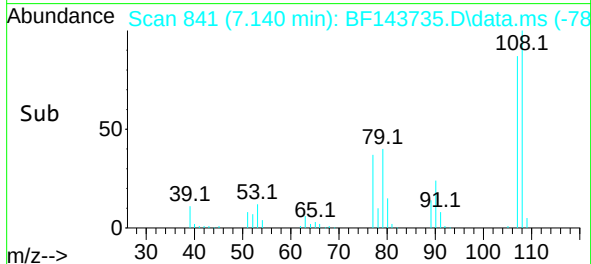
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



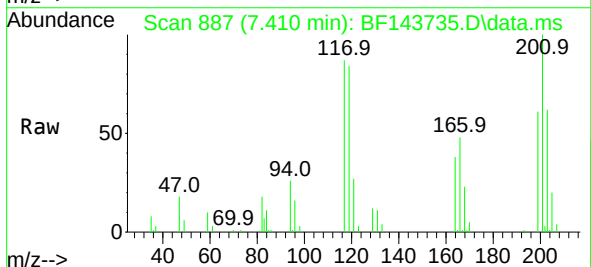
Tgt Ion:107 Resp: 7480
Ion Ratio Lower Upper
107 100
108 115.2 90.9 136.3
77 42.9 34.4 51.6
79 45.8 35.3 52.9

Manual Integrations
APPROVED

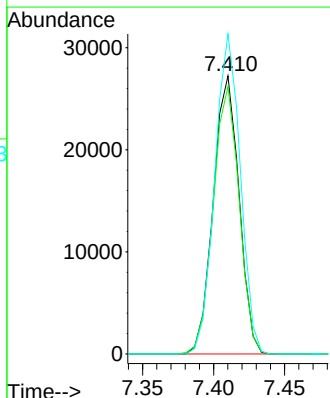
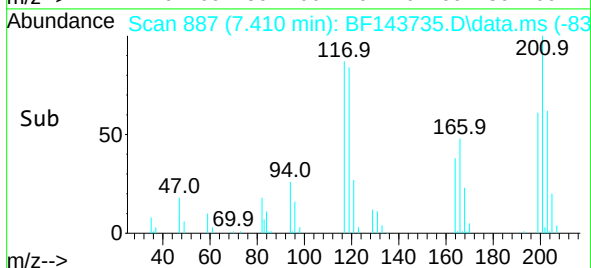
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

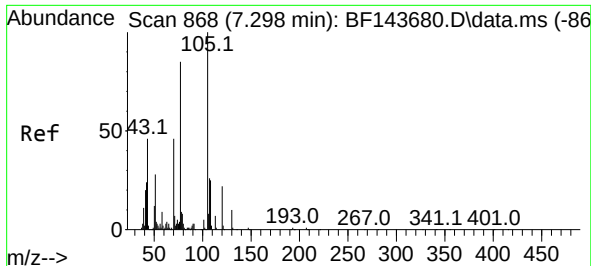


#18
Hexachloroethane
Concen: 42.651 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:117 Resp: 34282
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2
201 115.1 86.4 129.6





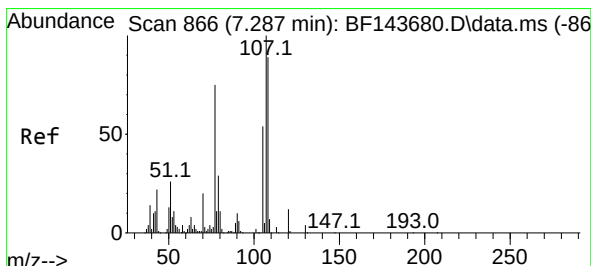
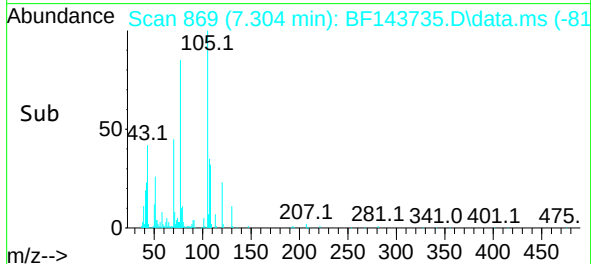
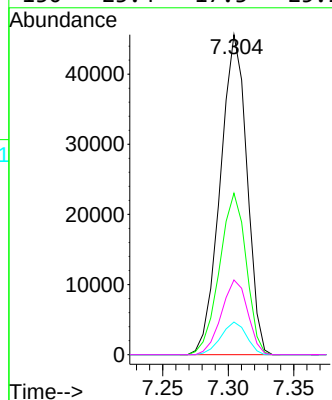
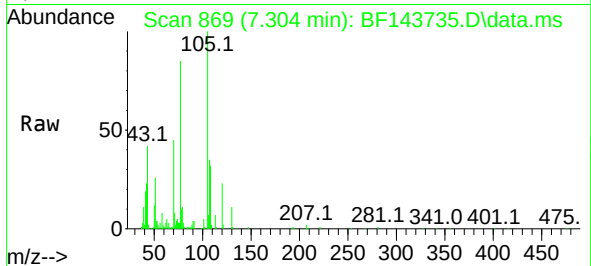
#19
n-Nitroso-di-n-propylamine
Concen: 43.226 ng
RT: 7.304 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion: 70 Resp: 6451
Ion Ratio Lower Upper
70 100
42 50.5 41.4 62.2
101 10.2 8.1 12.1
130 23.4 17.3 25.9

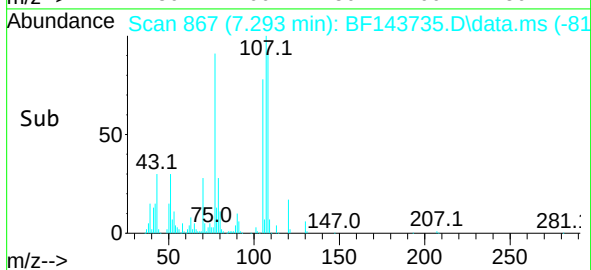
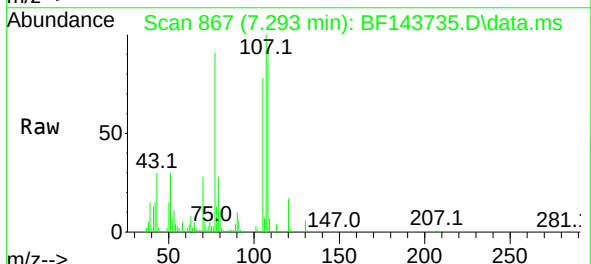
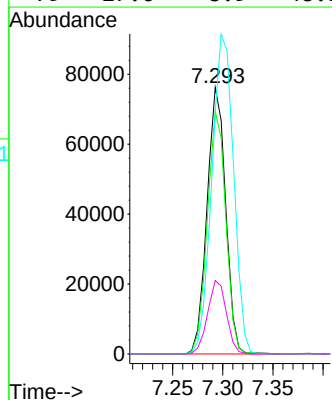
Manual Integrations
APPROVED

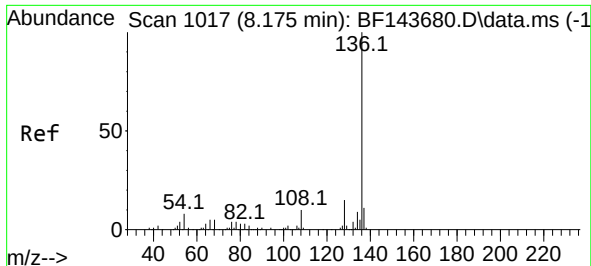
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#20
3+4-Methylphenols
Concen: 43.232 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:107 Resp: 98715
Ion Ratio Lower Upper
107 100
108 91.2 68.6 108.6
77 90.9 54.6 94.6
79 27.6 8.9 48.9





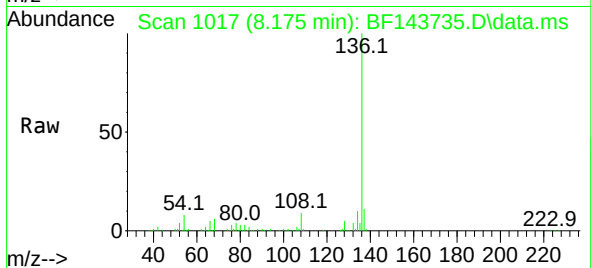
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD



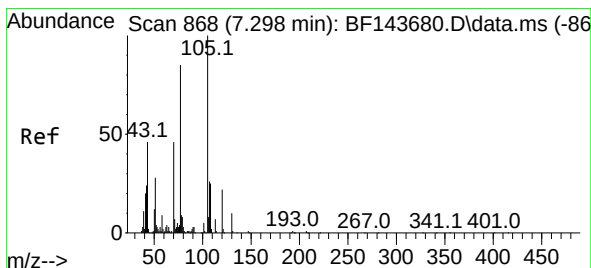
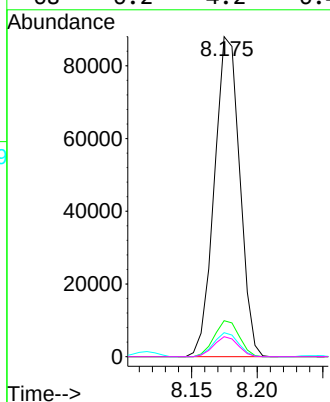
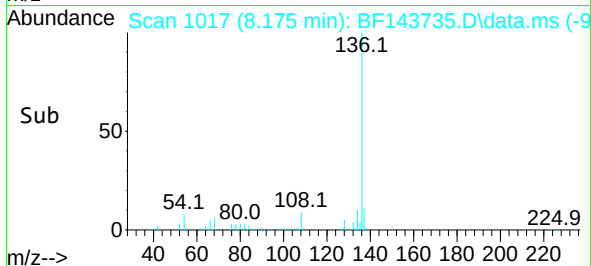
Tgt Ion:136 Resp: 118248
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.5 6.2 9.2
68 6.2 4.2 6.4

Manual Integrations

APPROVED

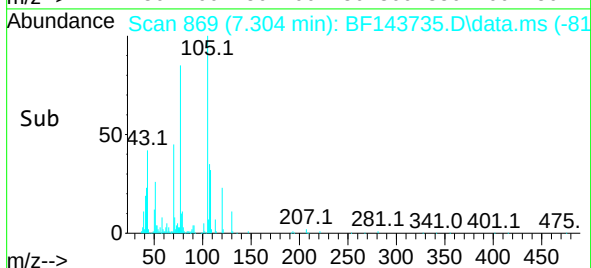
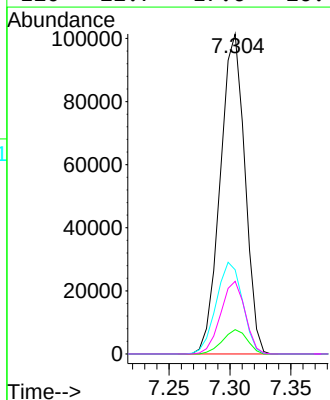
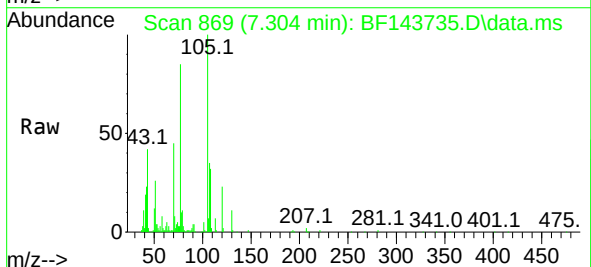
Reviewed By :Rahul Chavli 09/15/2025

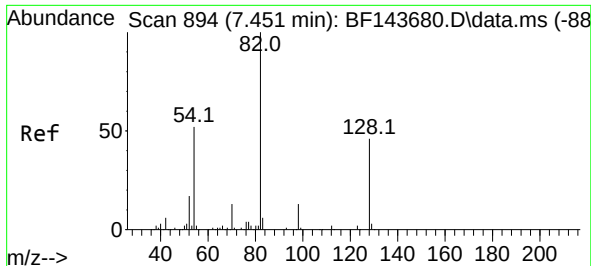
Supervised By :Jagrut Upadhyay 09/15/2025



#22
Acetophenone
Concen: 53.466 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:105 Resp: 142789
Ion Ratio Lower Upper
105 100
71 7.6 5.9 8.9
51 26.3 22.4 33.6
120 22.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 69.702 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

Tgt Ion: 82 Resp: 132509

Ion Ratio Lower Upper

82 100

128 45.8 37.0 55.4

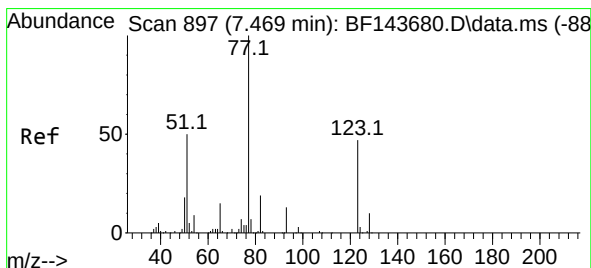
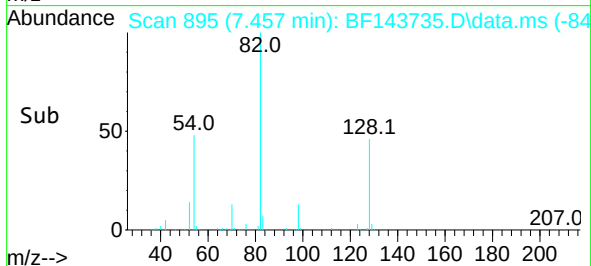
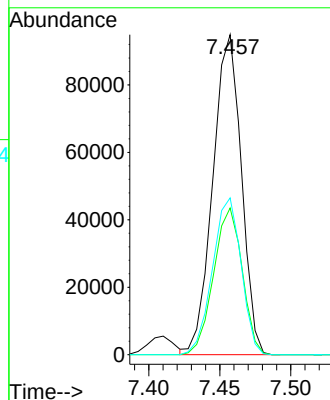
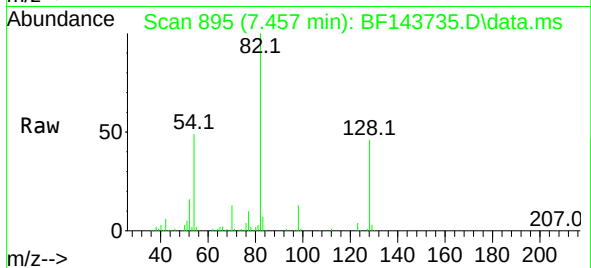
54 49.0 41.8 62.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#24

Nitrobenzene

Concen: 47.595 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

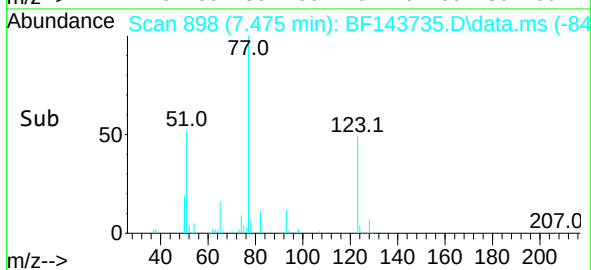
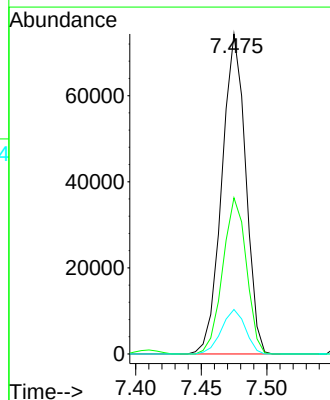
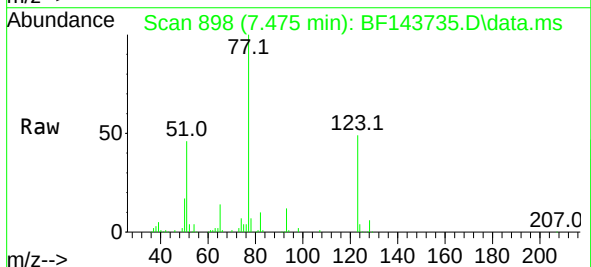
Tgt Ion: 77 Resp: 93820

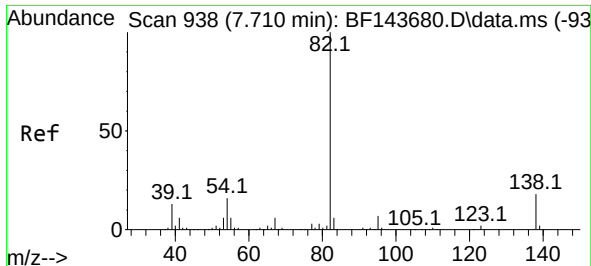
Ion Ratio Lower Upper

77 100

123 48.8 37.4 56.0

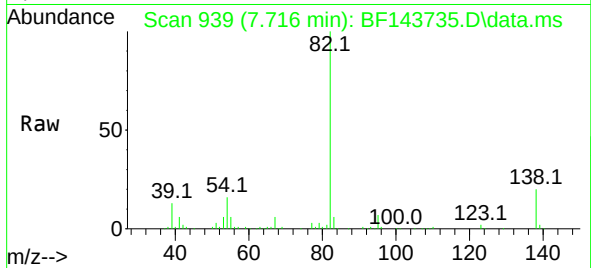
65 13.9 11.6 17.4





#25
Isophorone
Concen: 45.561 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

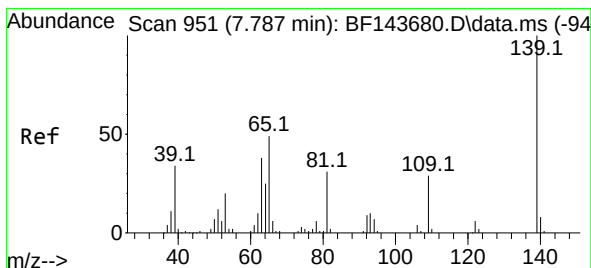
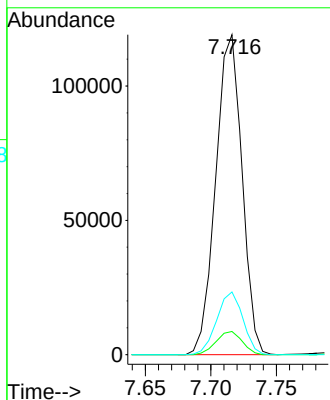
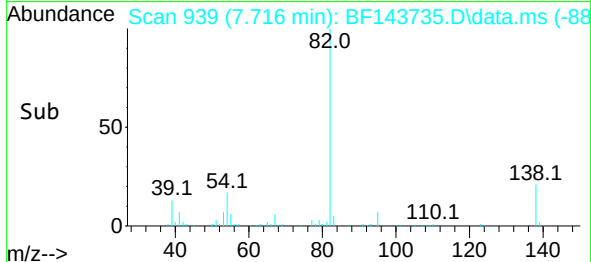
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



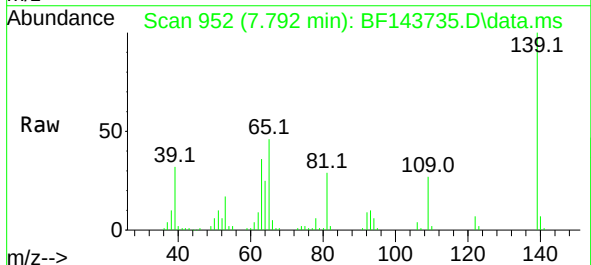
Tgt Ion: 82 Resp: 166080
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.6 14.8 22.2

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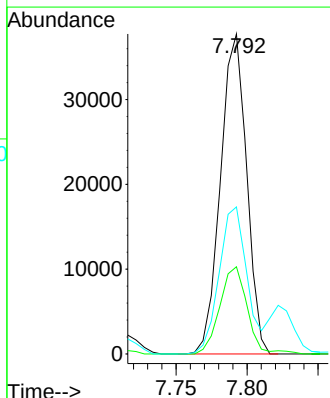
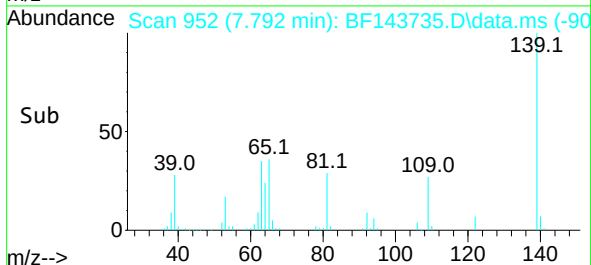
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

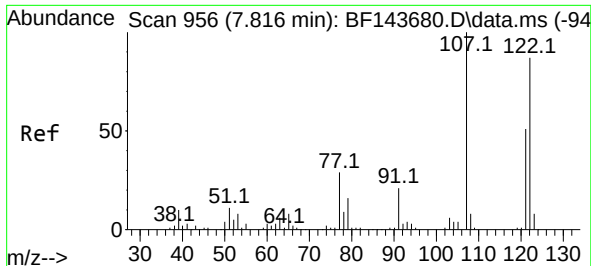


#26
2-Nitrophenol
Concen: 49.782 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:139 Resp: 48248
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 45.9 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 49.528 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

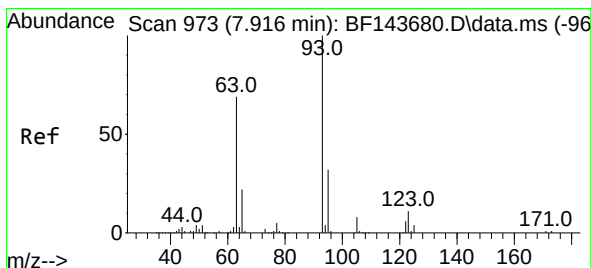
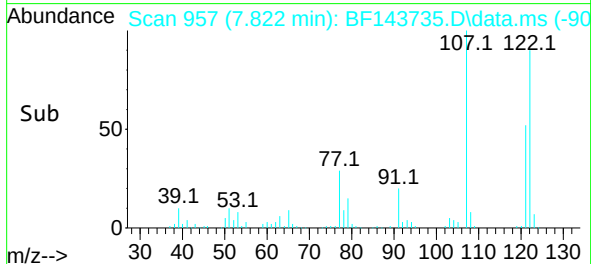
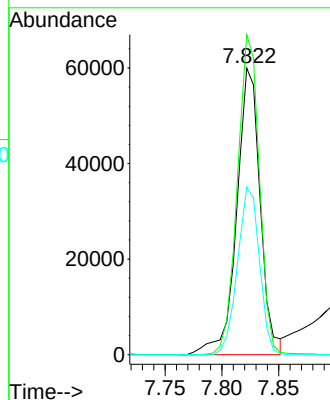
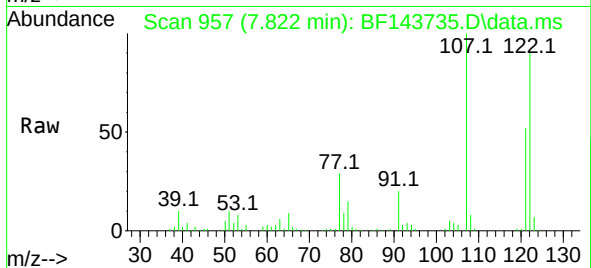
Tgt Ion:	122	Resp:	8617
Ion Ratio	Lower	Upper	
122	100		
107	111.6	92.1	138.1
121	58.4	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.640 ng

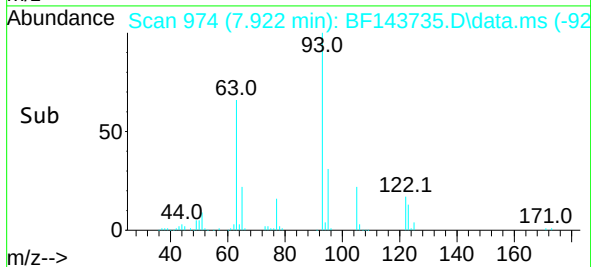
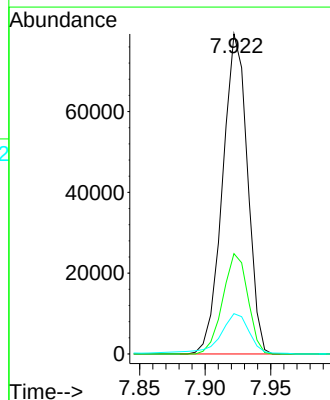
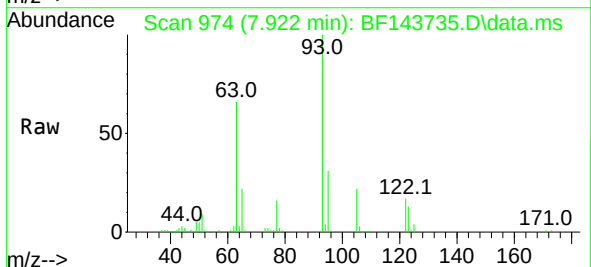
RT: 7.922 min Scan# 974

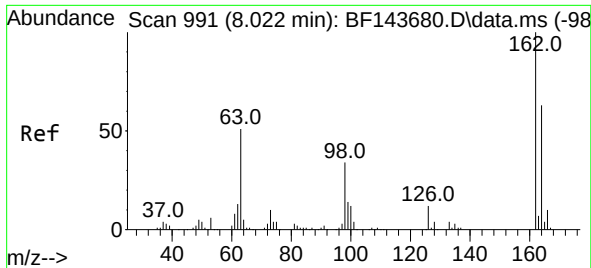
Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

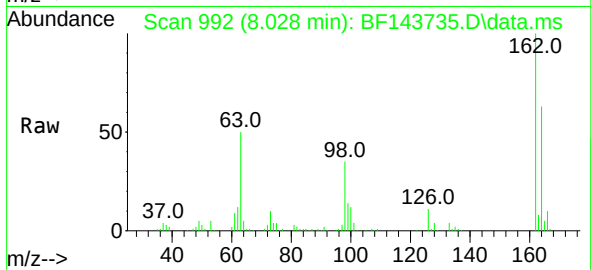
Tgt Ion:	93	Resp:	104485
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.0	39.0
123	12.6	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 44.896 ng
RT: 8.028 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

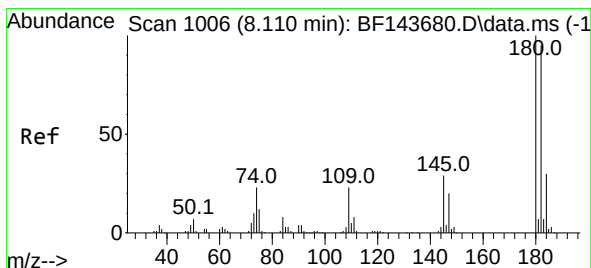
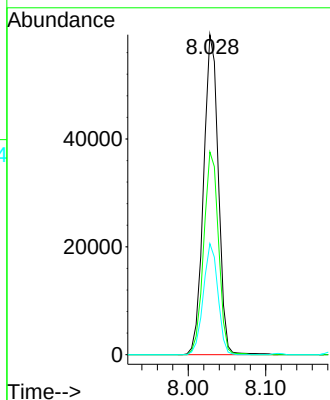
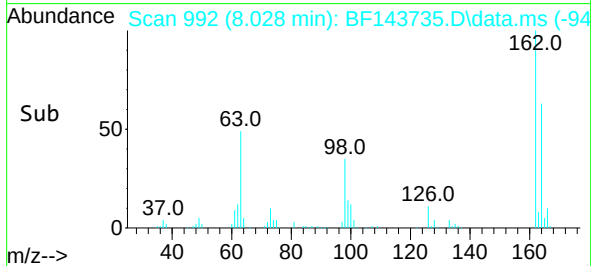
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



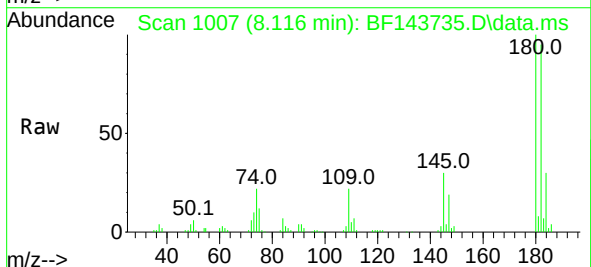
Tgt Ion:162 Resp: 7857
Ion Ratio Lower Upper
162 100
164 63.4 43.0 83.0
98 34.7 13.8 53.8

Manual Integrations
APPROVED

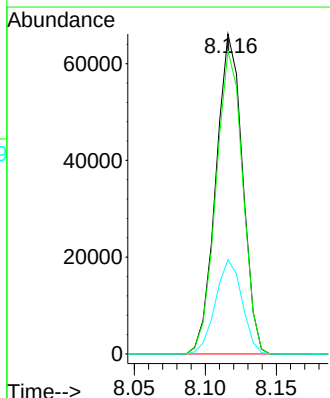
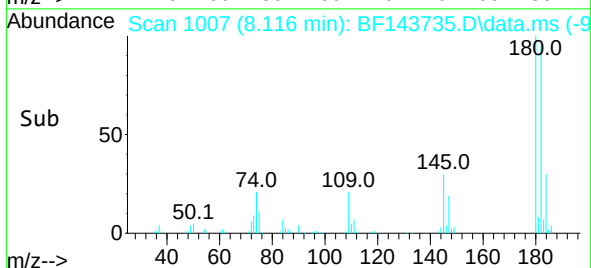
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

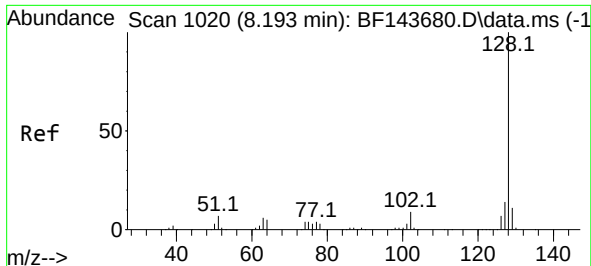


#30
1,2,4-Trichlorobenzene
Concen: 47.395 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



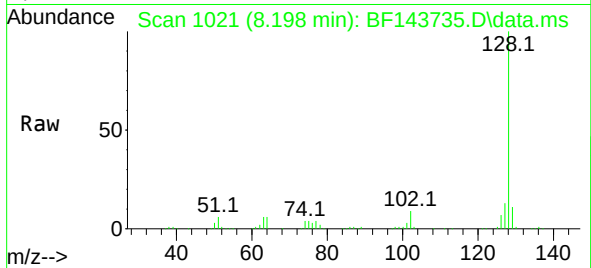
Tgt Ion:180 Resp: 85937
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 29.5 23.2 34.8





#31
Naphthalene
Concen: 45.797 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

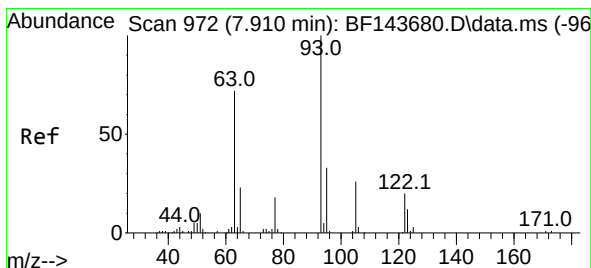
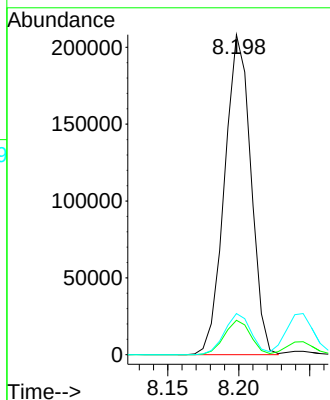
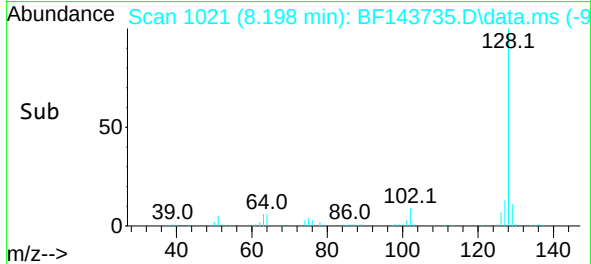
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



Tgt Ion:128 Resp: 26808
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.9 16.3

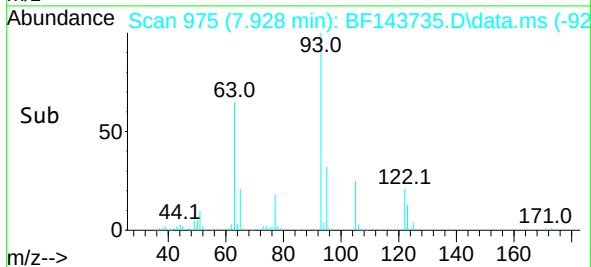
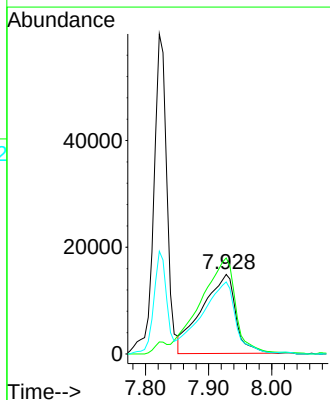
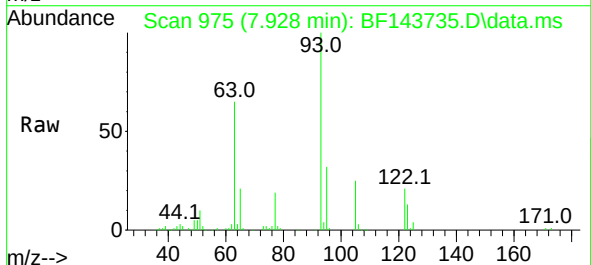
Manual Integrations
APPROVED

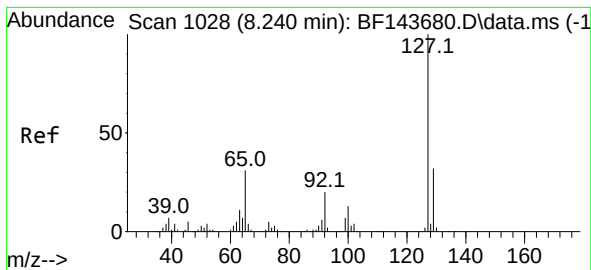
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#32
Benzoic acid
Concen: 52.278 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:122 Resp: 55493
Ion Ratio Lower Upper
122 100
105 120.7 105.2 145.2
77 90.5 72.0 112.0





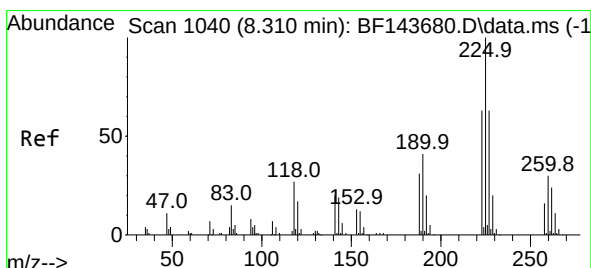
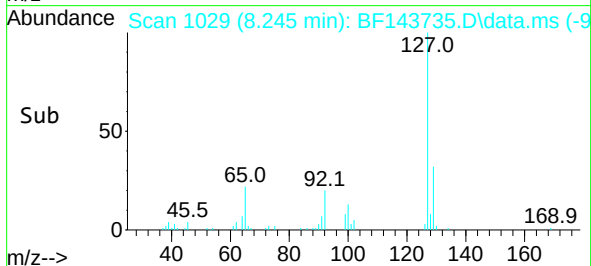
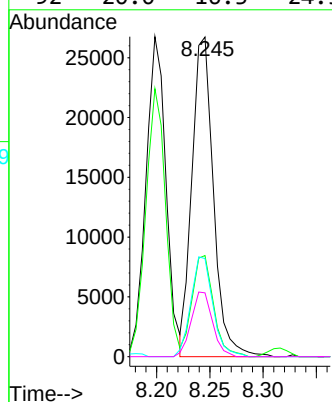
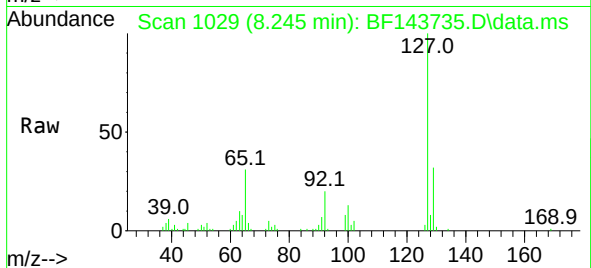
#33
4-Chloroaniline
Concen: 18.505 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:	127	Resp:	37710
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.0	39.0
65	30.7	24.6	36.8
92	20.0	16.3	24.5

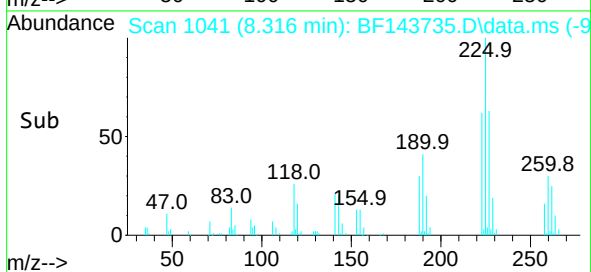
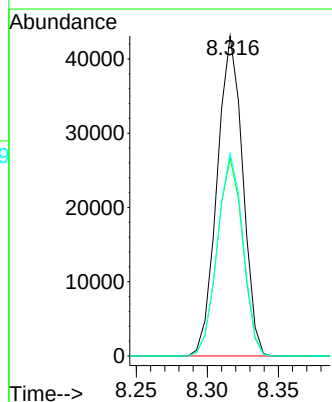
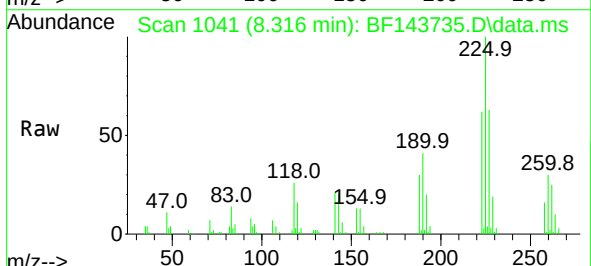
Manual Integrations
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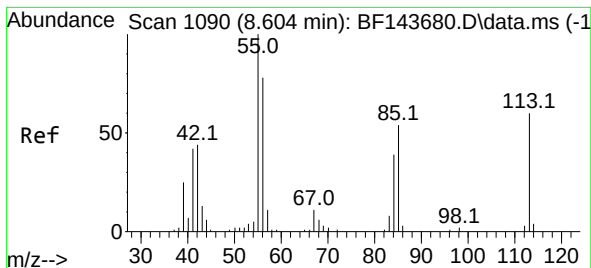
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#34
Hexachlorobutadiene
Concen: 45.616 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:	225	Resp:	53949
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.6	76.0
227	63.3	50.8	76.2





#35

Caprolactam

Concen: 46.168 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

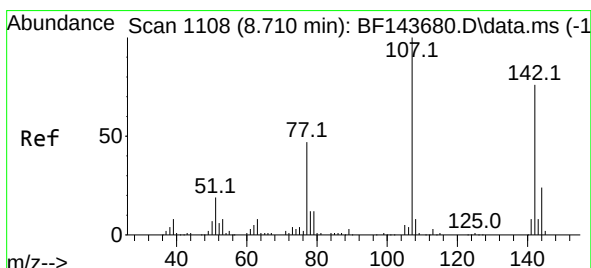
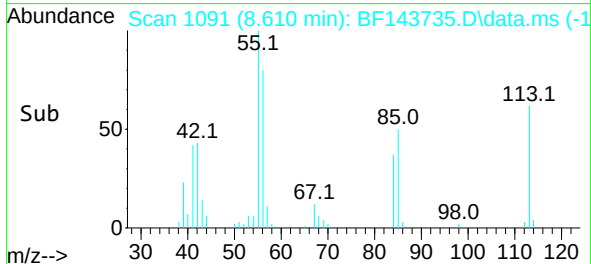
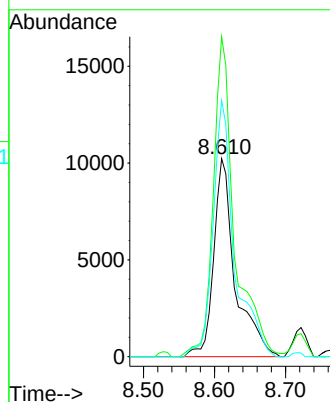
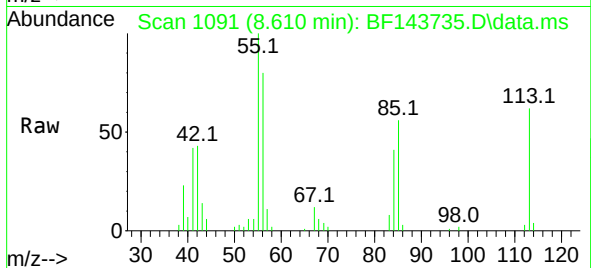
Tgt Ion:	113	Resp:	21500
Ion Ratio	Lower	Upper	
113	100		
55	161.6	148.9	188.9
56	129.4	112.8	152.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#36

4-Chloro-3-methylphenol

Concen: 42.336 ng

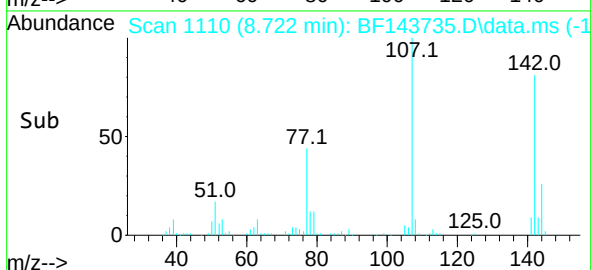
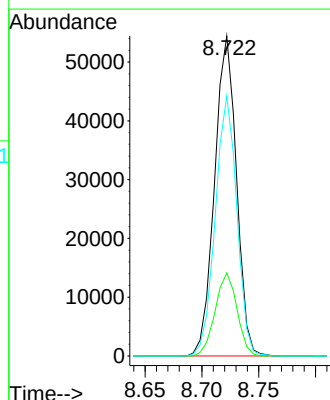
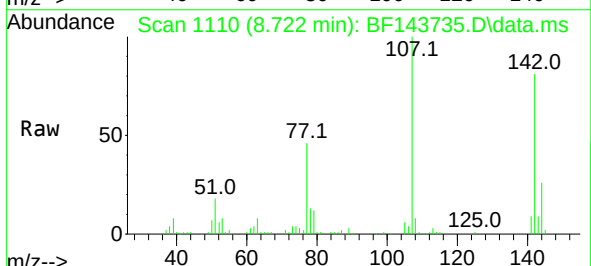
RT: 8.722 min Scan# 1110

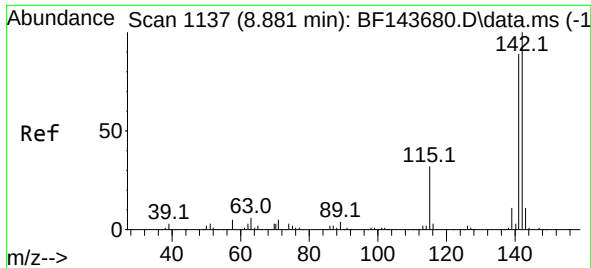
Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Tgt Ion:	107	Resp:	73059
Ion Ratio	Lower	Upper	
107	100		
144	26.0	19.4	29.2
142	81.2	60.6	91.0





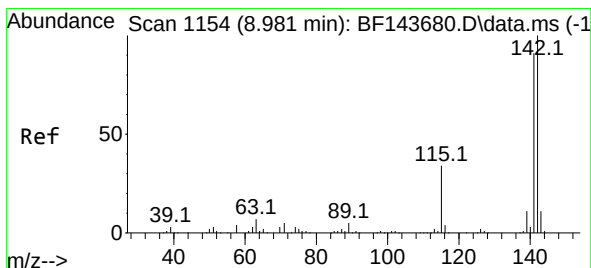
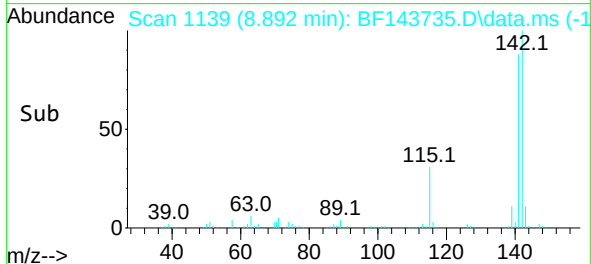
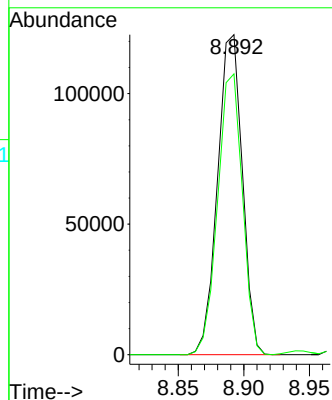
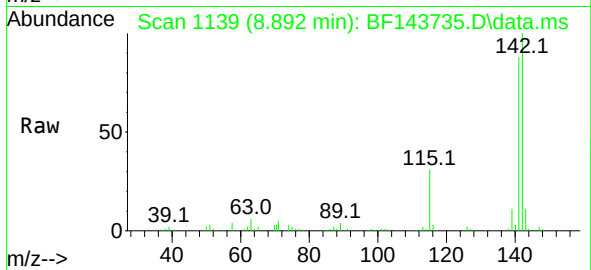
#37
2-Methylnaphthalene
Concen: 40.206 ng
RT: 8.892 min Scan# 1137
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:142 Resp: 161109
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7

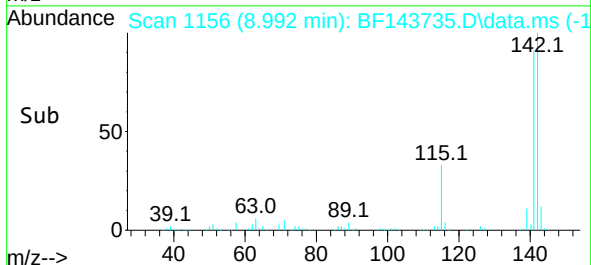
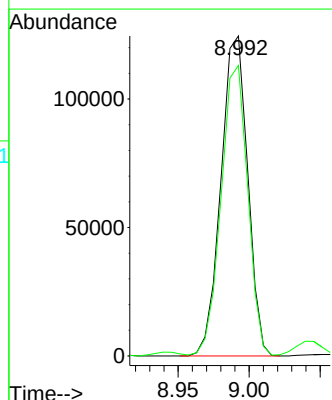
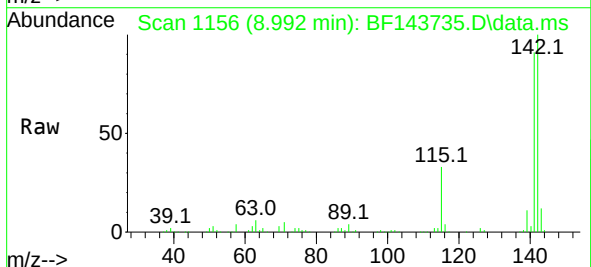
Manual Integrations
APPROVED

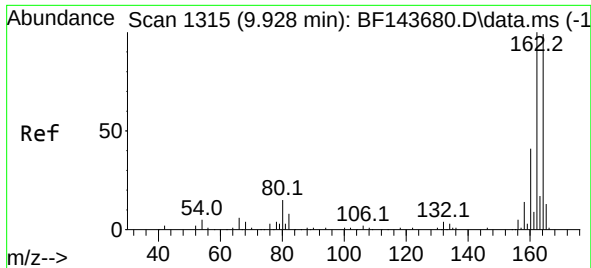
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#38
1-Methylnaphthalene
Concen: 42.448 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

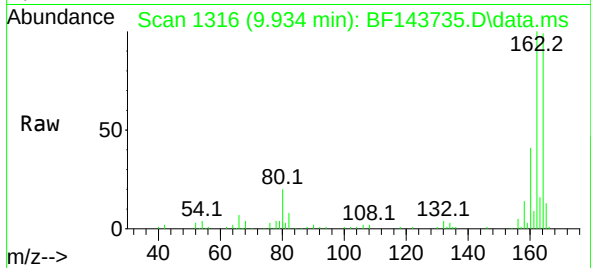
Tgt Ion:142 Resp: 163235
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

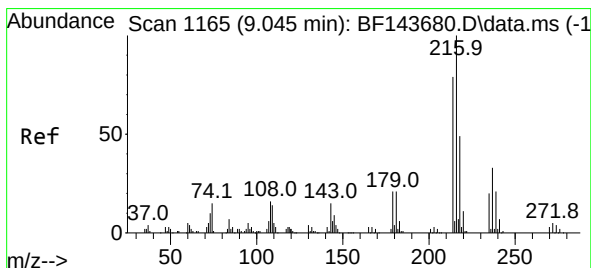
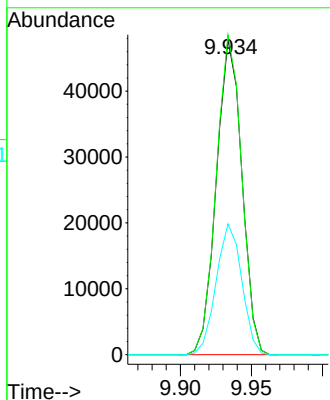
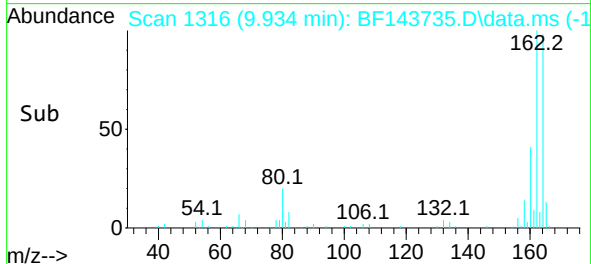
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



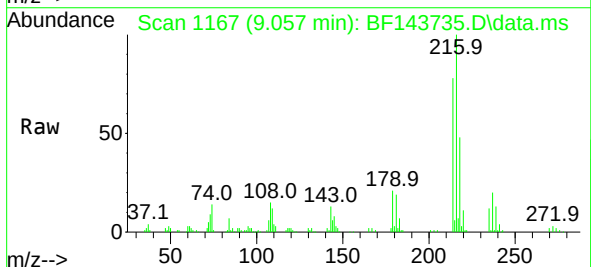
Tgt Ion:164 Resp: 5976
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 41.5 33.0 49.4

Manual Integrations
APPROVED

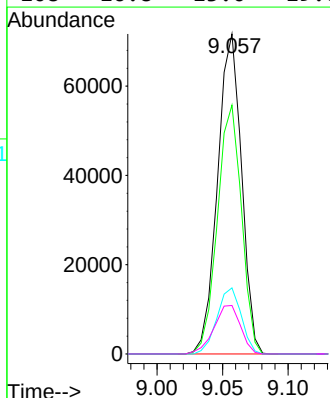
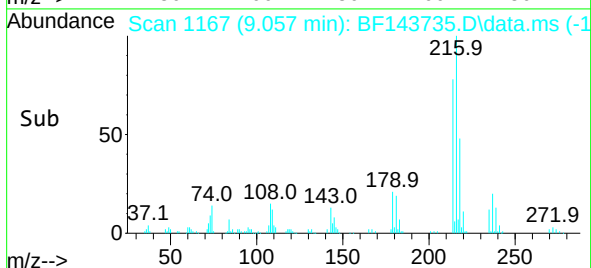
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

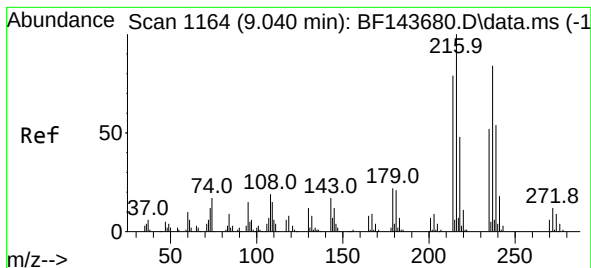


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.250 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:216 Resp: 91103
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 20.9 16.8 25.2
108 16.8 13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 84.860 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

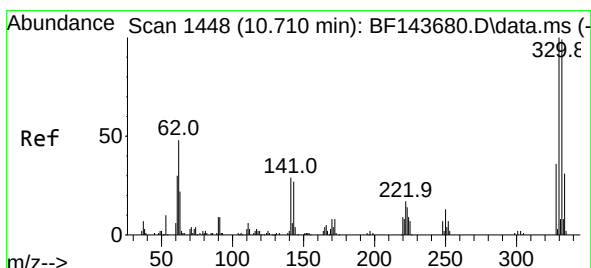
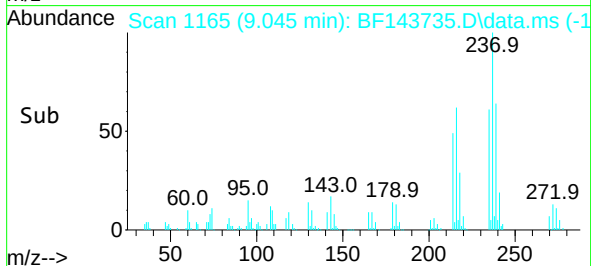
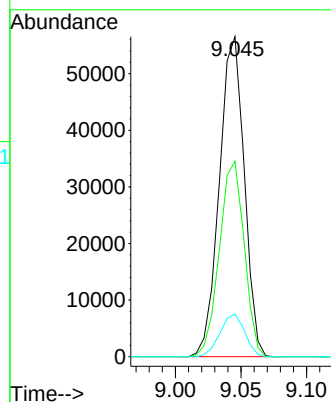
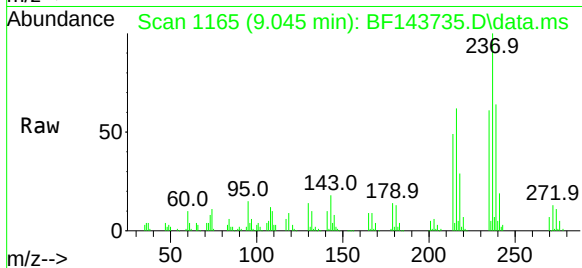
Tgt Ion:	237	Resp:	7453
Ion Ratio	Lower	Upper	
237	100		
235	61.0	41.6	81.6
272	13.4	0.0	33.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#42

2,4,6-Tribromophenol

Concen: 86.197 ng

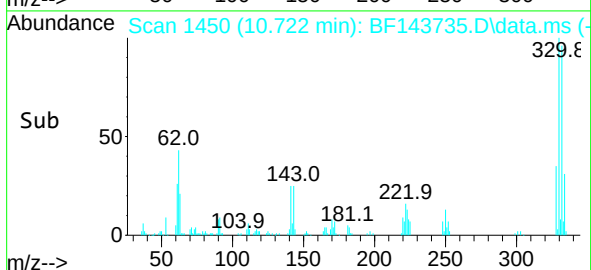
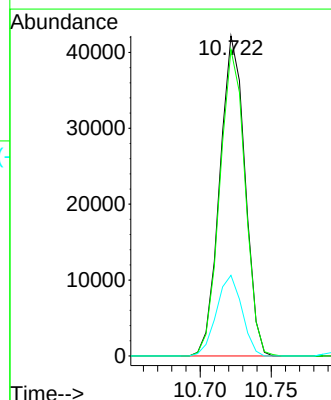
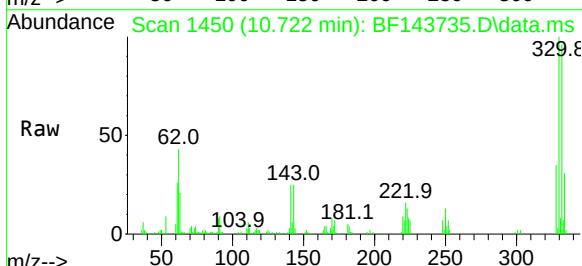
RT: 10.722 min Scan# 1450

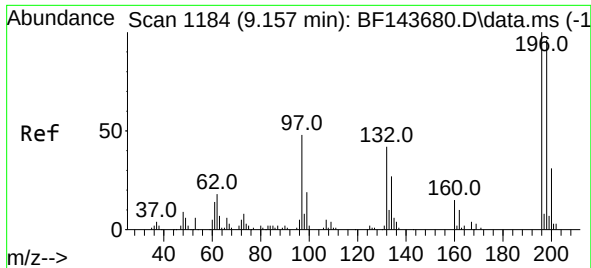
Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

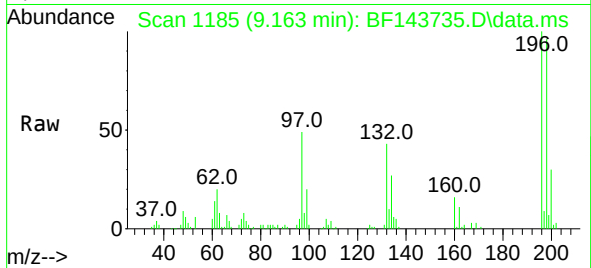
Tgt Ion:	330	Resp:	51913
Ion Ratio	Lower	Upper	
330	100		
332	95.8	79.2	118.8
141	25.5	22.2	33.4





#43
2,4,6-Trichlorophenol
Concen: 46.078 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

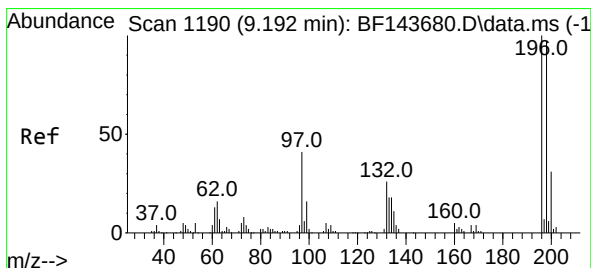
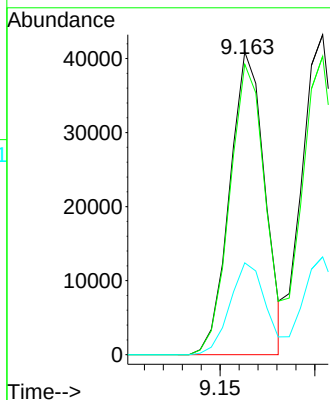
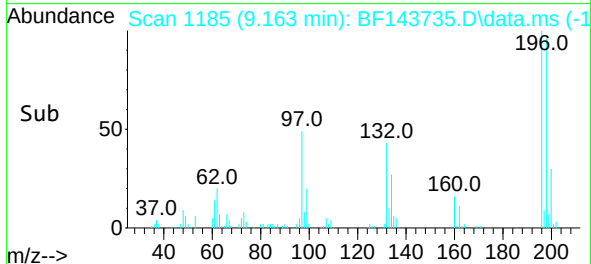
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



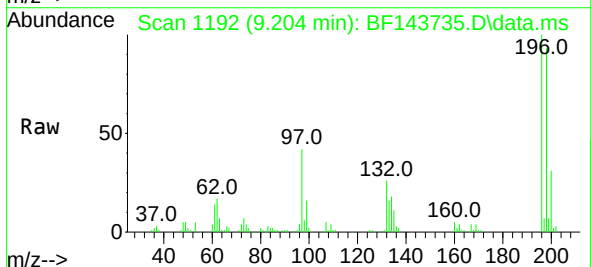
Tgt Ion:196 Resp: 5264
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
200 30.3 24.5 36.7

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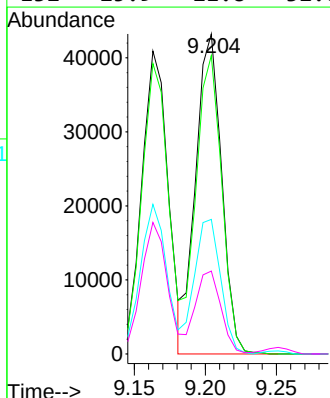
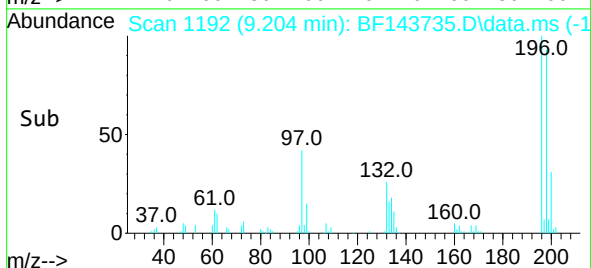
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

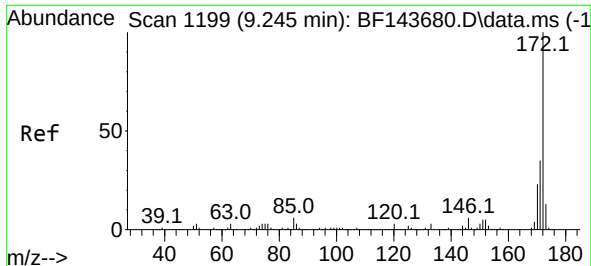


#44
2,4,5-Trichlorophenol
Concen: 47.339 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:196 Resp: 54979
Ion Ratio Lower Upper
196 100
198 93.2 77.0 115.6
97 42.1 34.2 51.4
132 25.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 64.186 ng

RT: 9.251 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

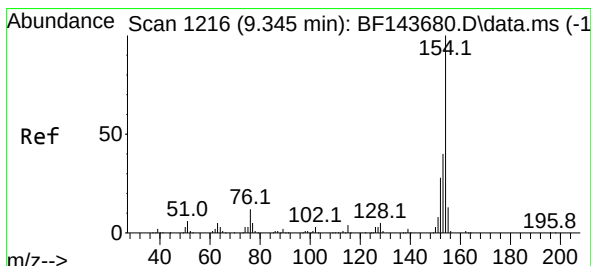
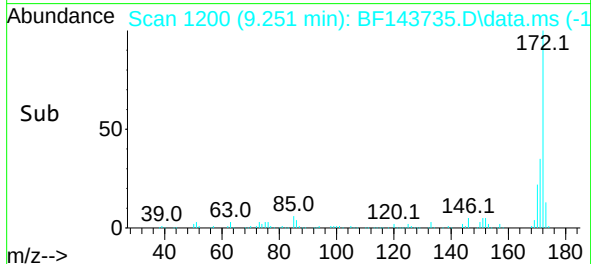
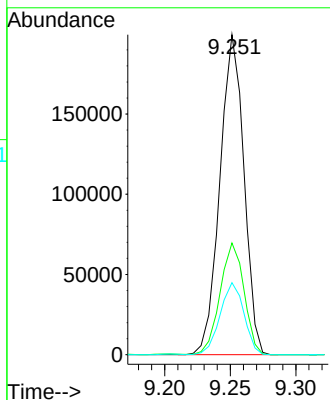
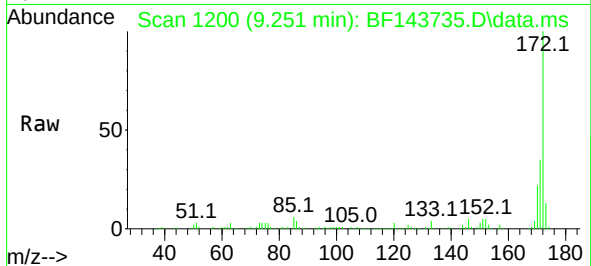
Tgt Ion:172 Resp: 253920
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 22.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#46

1,1'-Biphenyl

Concen: 54.088 ng

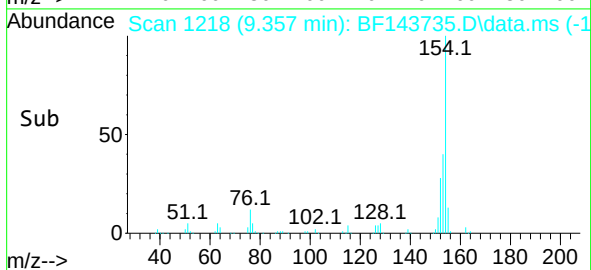
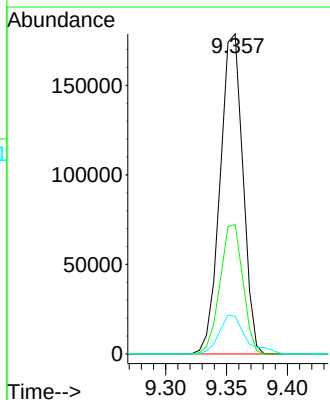
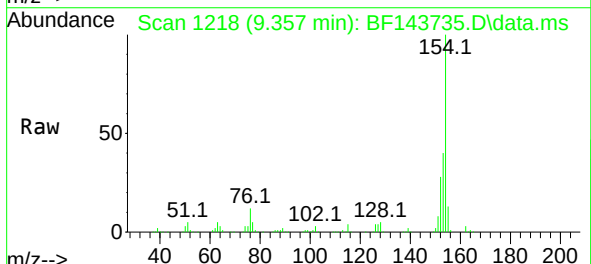
RT: 9.357 min Scan# 1218

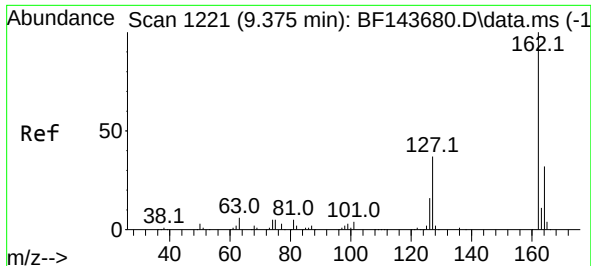
Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Tgt Ion:154 Resp: 232703
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.2 60.2
 76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 47.172 ng

RT: 9.381 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

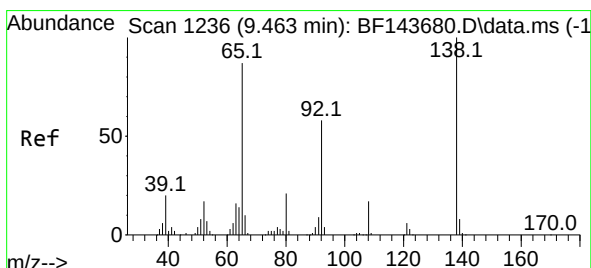
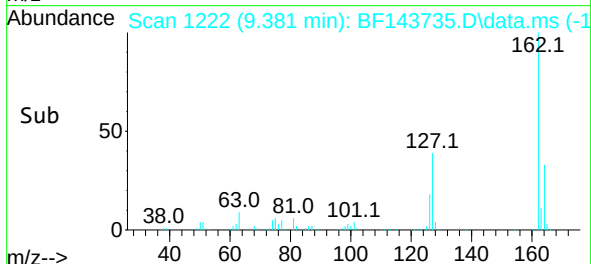
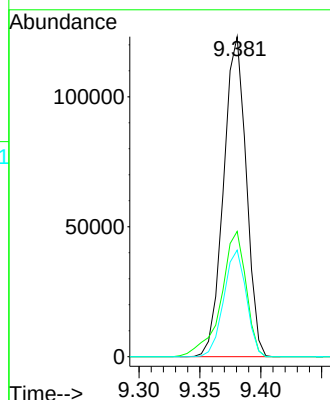
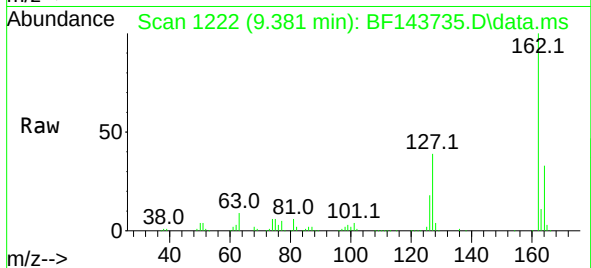
Tgt Ion:	162	Resp:	15910
Ion Ratio	Lower	Upper	
162	100		
127	39.1	30.6	45.8
164	33.3	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#48

2-Nitroaniline

Concen: 48.842 ng

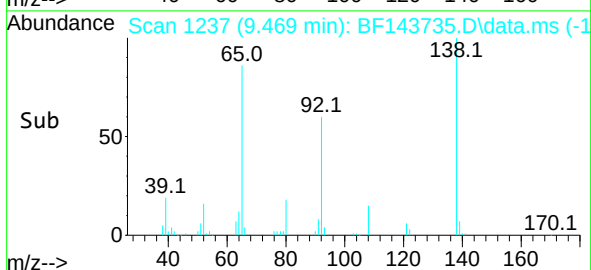
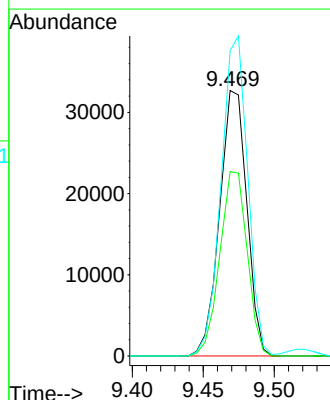
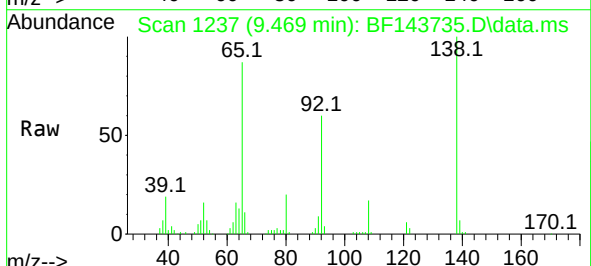
RT: 9.469 min Scan# 1237

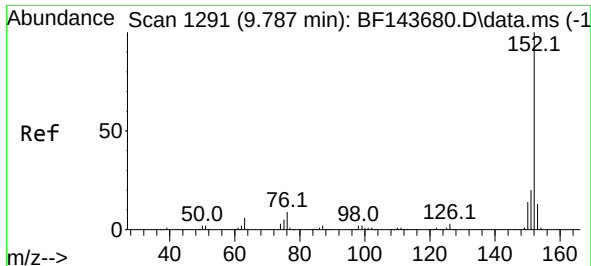
Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Tgt Ion:	65	Resp:	43595
Ion Ratio	Lower	Upper	
65	100		
92	69.5	53.3	79.9
138	115.0	92.1	138.1





#49

Acenaphthylene

Concen: 54.048 ng

RT: 9.798 min Scan# 1291

Delta R.T. 0.012 min

Lab File: BF143735.D

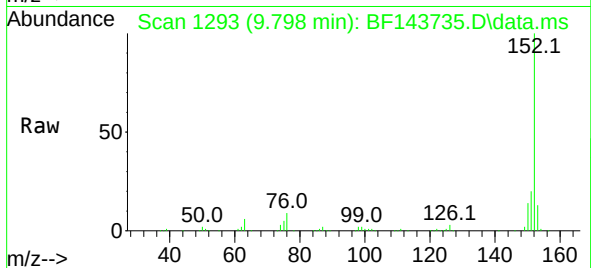
Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD



Tgt Ion:152 Resp: 261125

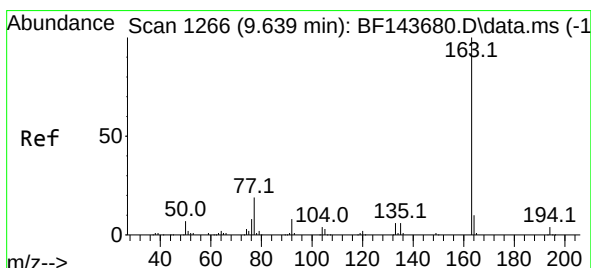
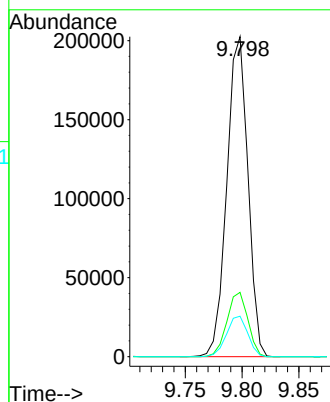
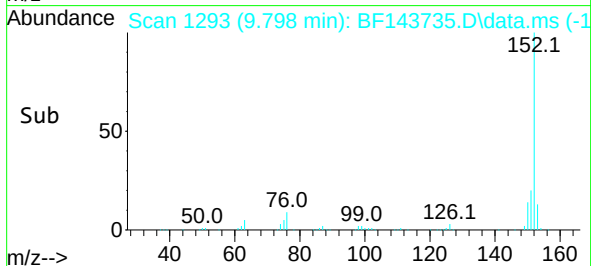
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.7	10.4	15.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#50

Dimethylphthalate

Concen: 48.206 ng

RT: 9.651 min Scan# 1268

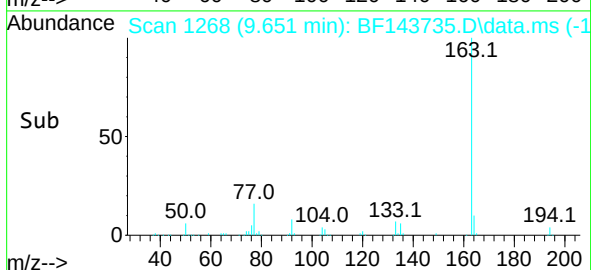
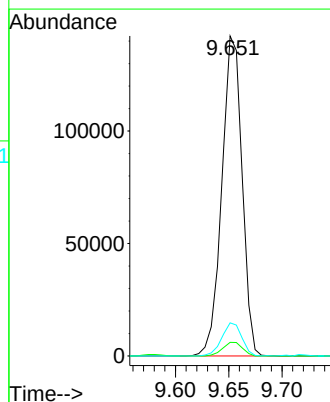
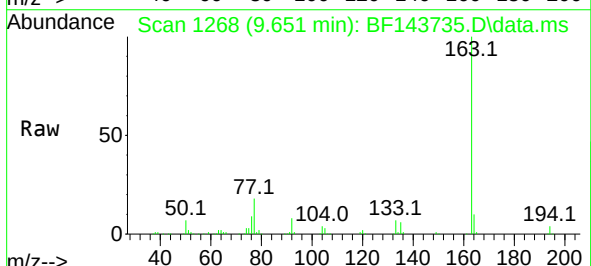
Delta R.T. 0.012 min

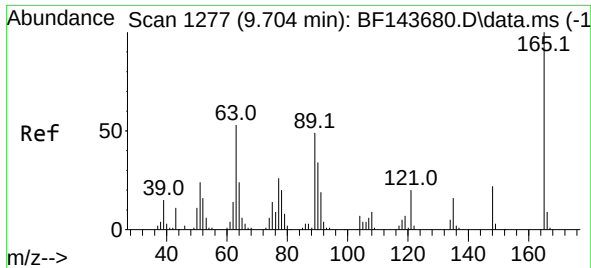
Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Tgt Ion:163 Resp: 187436

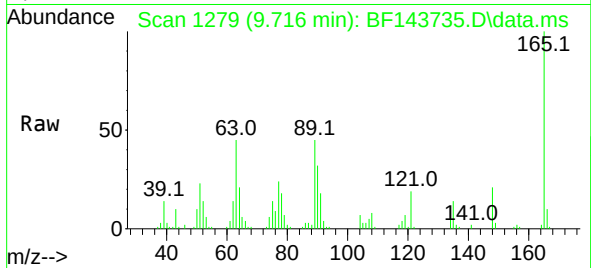
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 52.250 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

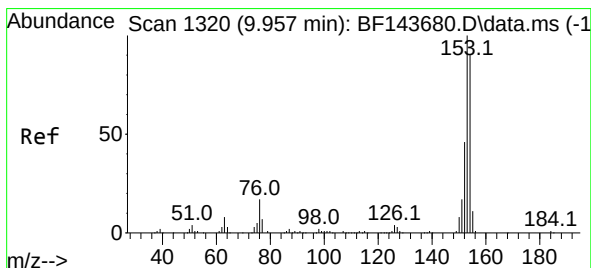
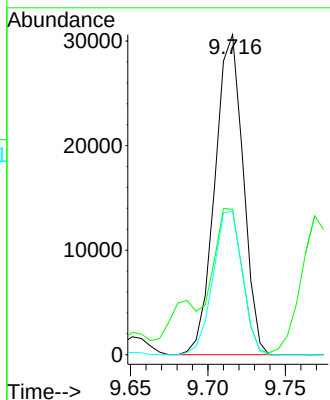
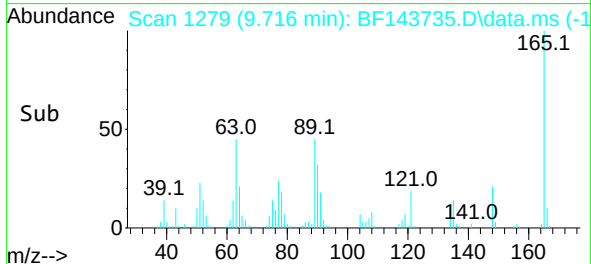
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



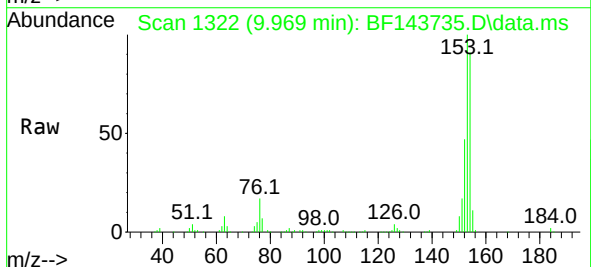
Tgt Ion:165 Resp: 3884
Ion Ratio Lower Upper
165 100
63 45.4 42.2 63.4
89 44.8 39.3 58.9

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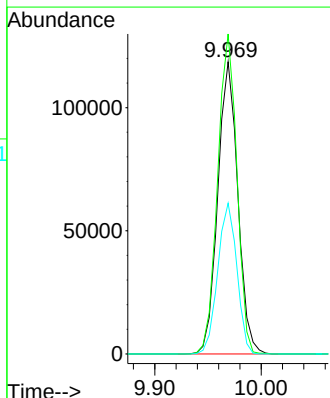
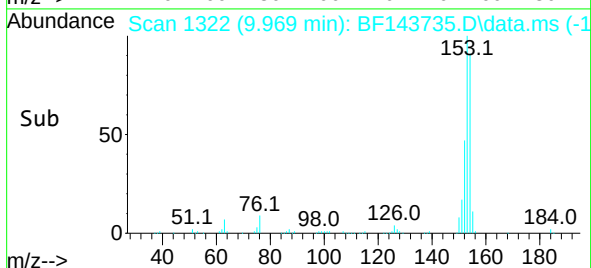
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

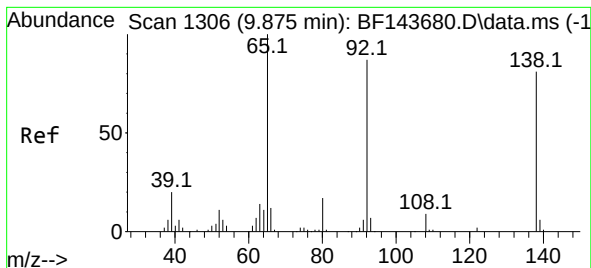


#52
Acenaphthene
Concen: 46.473 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



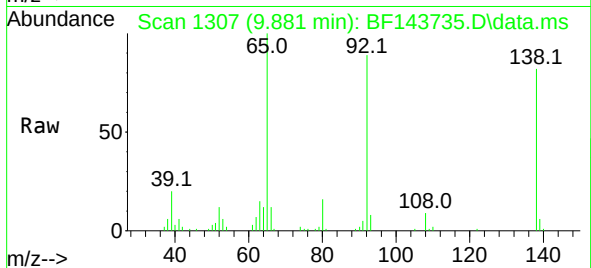
Tgt Ion:154 Resp: 154721
Ion Ratio Lower Upper
154 100
153 109.5 89.4 134.0
152 51.6 41.2 61.8





#53
3-Nitroaniline
Concen: 35.013 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

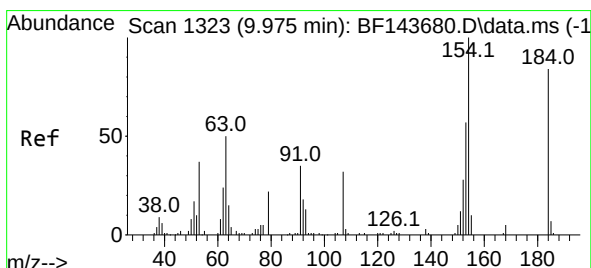
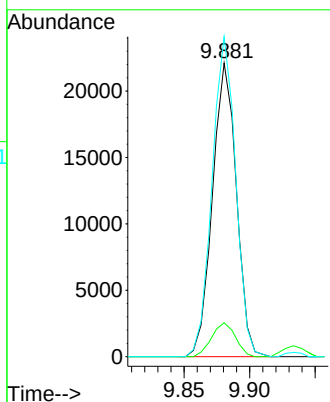
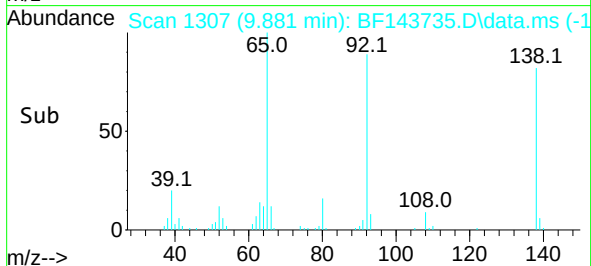
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



Tgt Ion:138 Resp: 2801
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 109.0 85.5 128.3

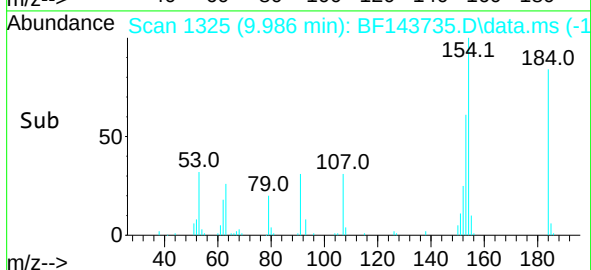
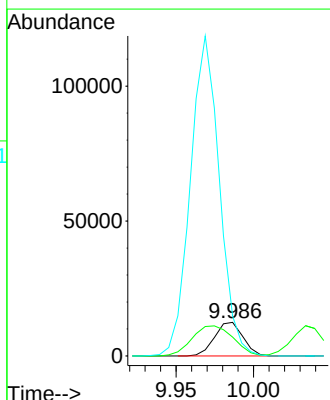
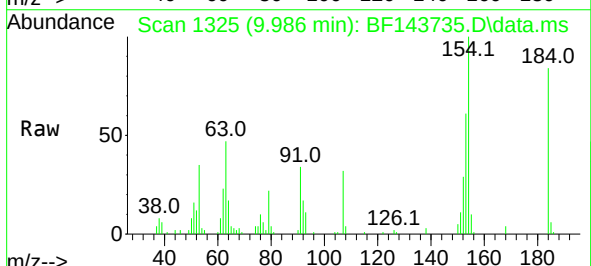
Manual Integrations
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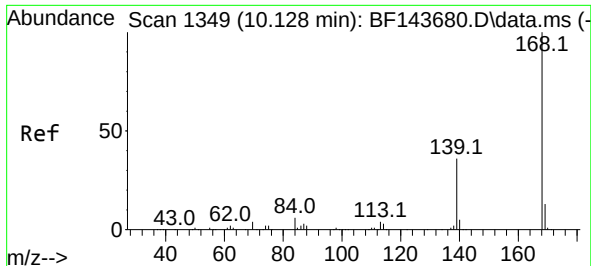
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#54
2,4-Dinitrophenol
Concen: 42.554 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

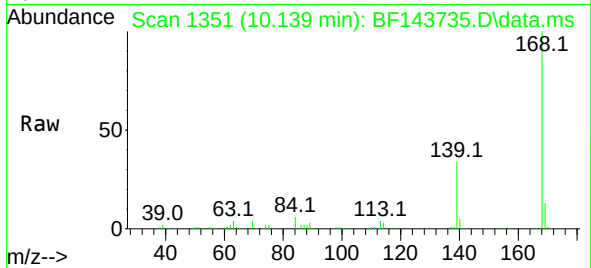
Tgt Ion:184 Resp: 15893
Ion Ratio Lower Upper
184 100
63 56.4 52.7 79.1
154 118.8 136.6 204.8#





#55
Dibenzenofuran
Concen: 47.060 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

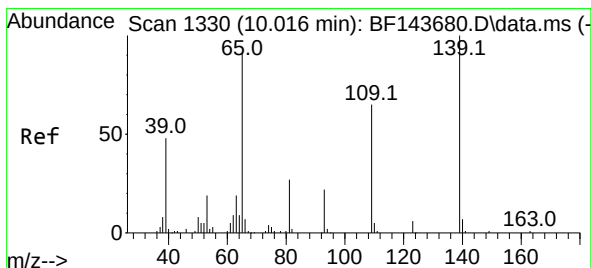
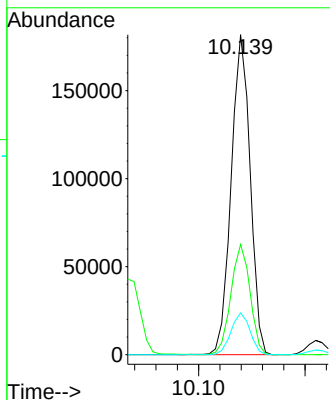
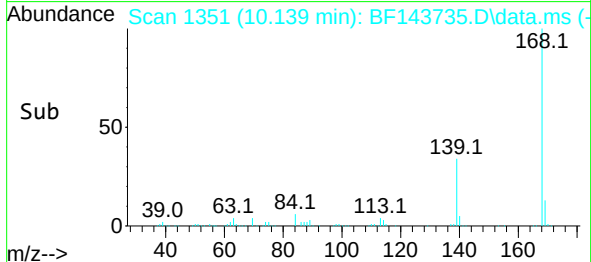
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



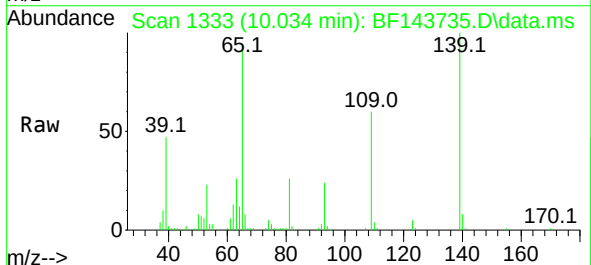
Tgt Ion:168 Resp: 225289
Ion Ratio Lower Upper
168 100
139 34.4 29.0 43.4
169 13.1 10.8 16.2

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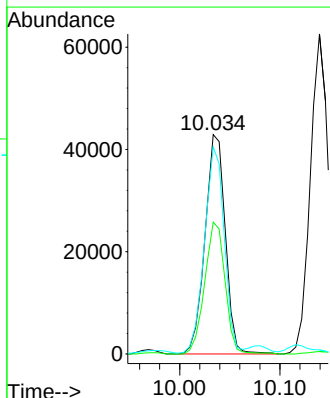
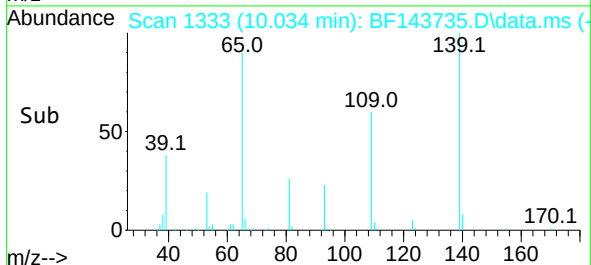
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

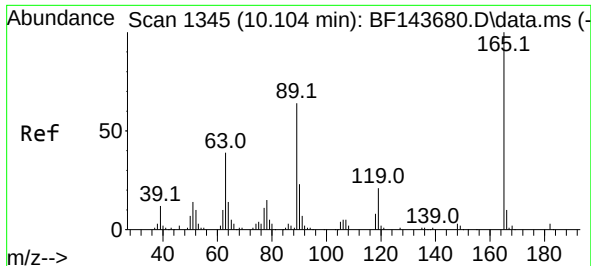


#56
4-Nitrophenol
Concen: 95.103 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



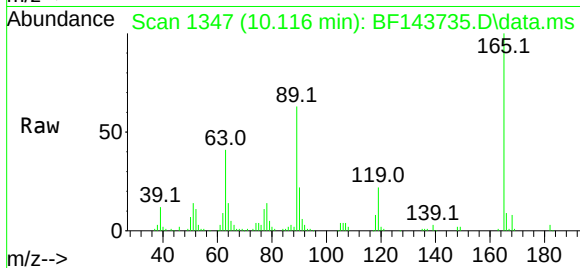
Tgt Ion:139 Resp: 60532
Ion Ratio Lower Upper
139 100
109 60.1 45.2 85.2
65 94.4 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 49.162 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

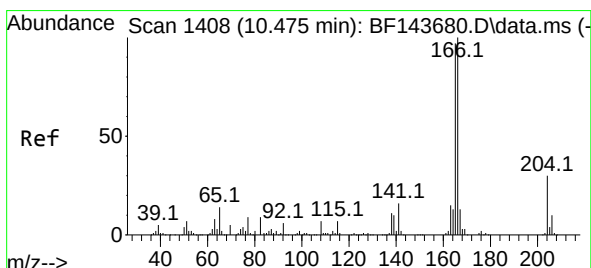
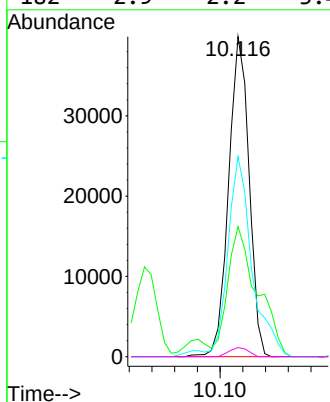
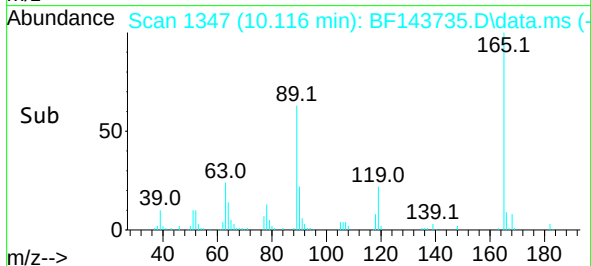
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



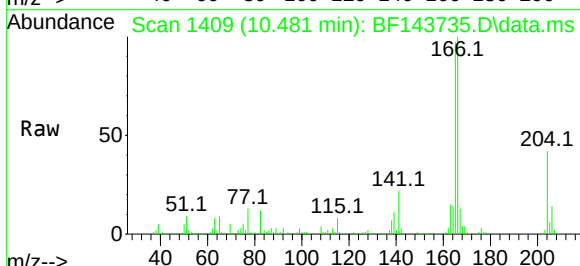
Tgt Ion:165 Resp: 4974
Ion Ratio Lower Upper
165 100
63 40.6 31.5 47.3
89 62.6 51.3 76.9
182 2.9 2.2 3.4

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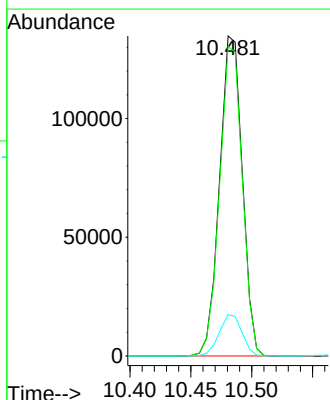
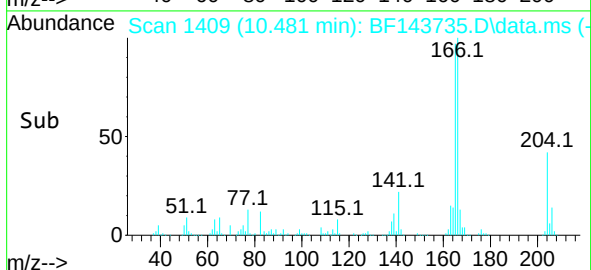
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

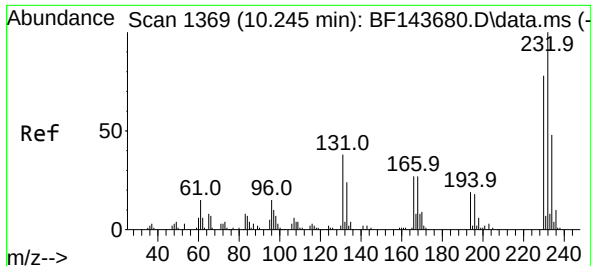


#58
Fluorene
Concen: 46.757 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



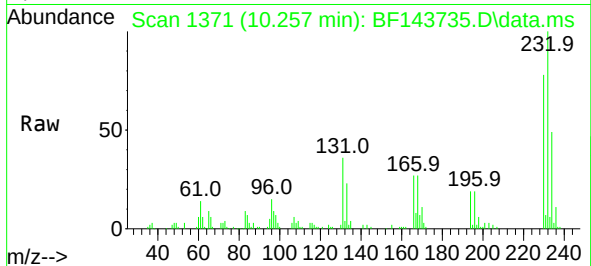
Tgt Ion:166 Resp: 175220
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 12.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.951 ng m
RT: 10.257 min Scan# 1371
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

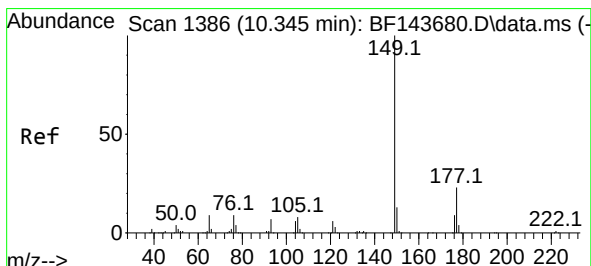
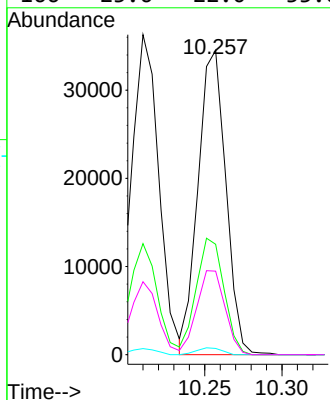
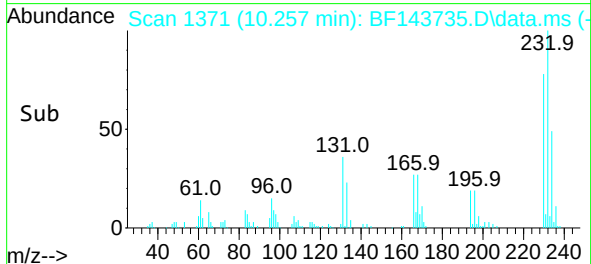
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



Tgt Ion:232 Resp: 4327
Ion Ratio Lower Upper
232 100
131 36.5 31.9 47.9
130 1.8 1.4 2.0
166 23.6 22.0 33.0

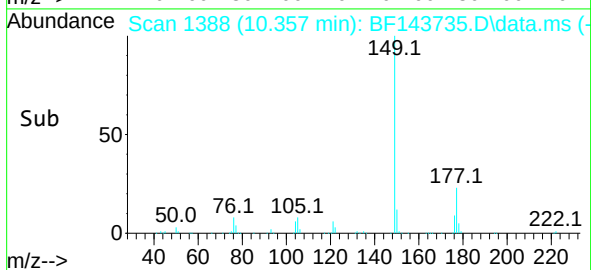
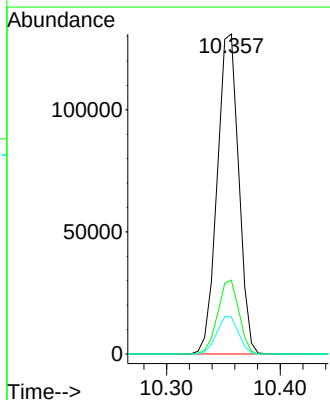
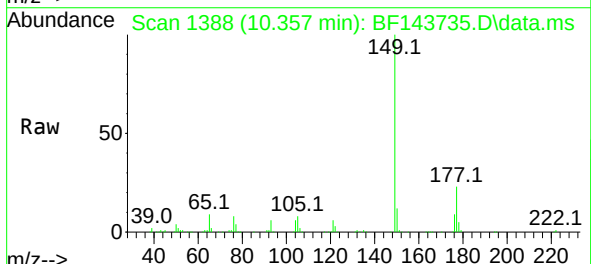
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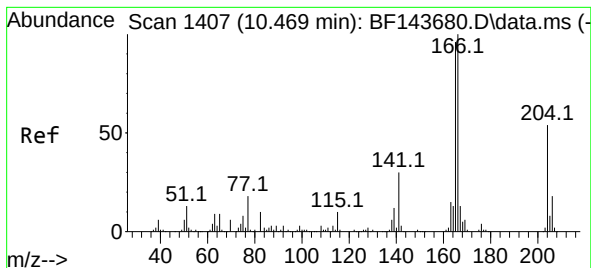
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#60
Diethylphthalate
Concen: 47.224 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:149 Resp: 172387
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 11.6 10.0 15.0





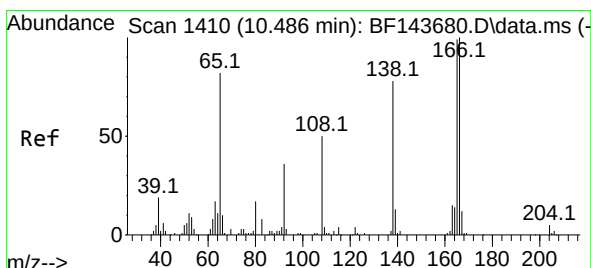
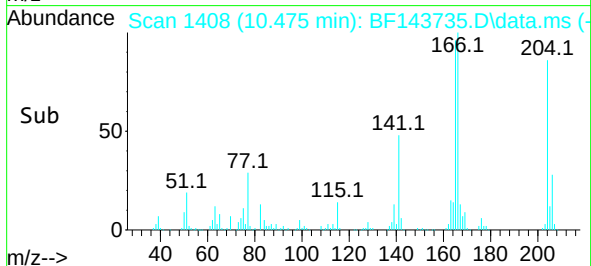
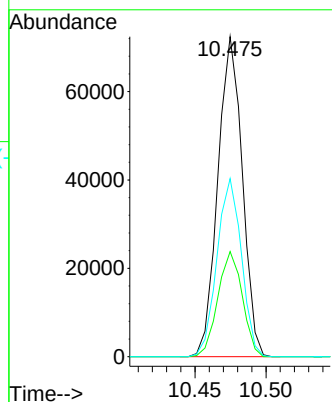
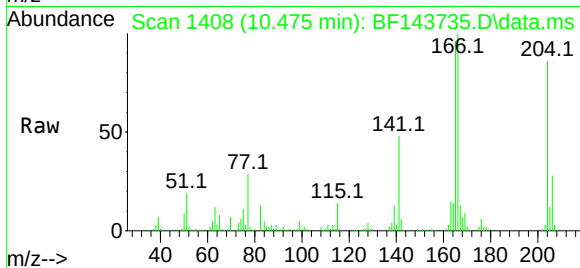
#61
4-Chlorophenyl-phenylether
Concen: 45.582 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:204 Resp: 8663
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.7 44.8 67.2

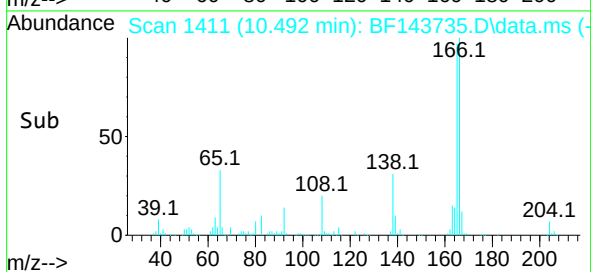
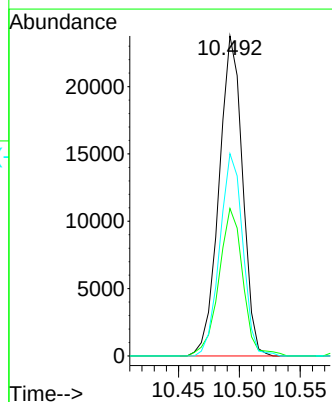
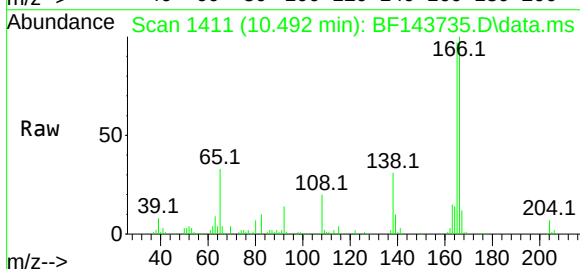
Manual Integrations
APPROVED

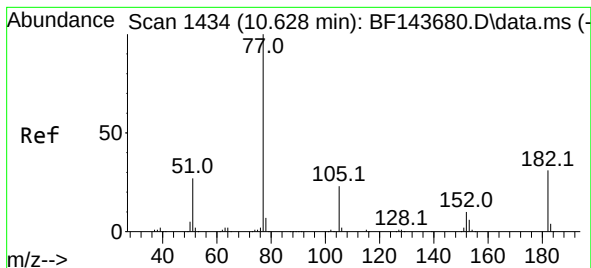
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#62
4-Nitroaniline
Concen: 42.118 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Tgt Ion:138 Resp: 31914
Ion Ratio Lower Upper
138 100
92 46.1 26.4 66.4
108 63.2 44.3 84.3





#63

Azobenzene

Concen: 49.562 ng

RT: 10.633 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

Tgt Ion: 77 Resp: 15994

Ion Ratio Lower Upper

77 100

182 30.4 10.8 50.8

105 26.5 3.2 43.2

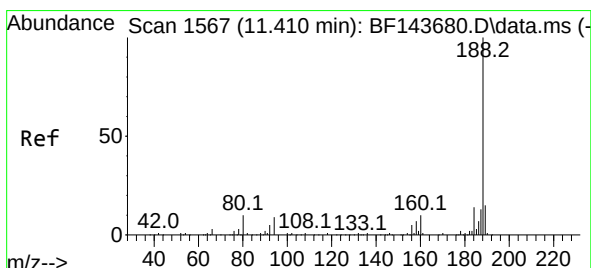
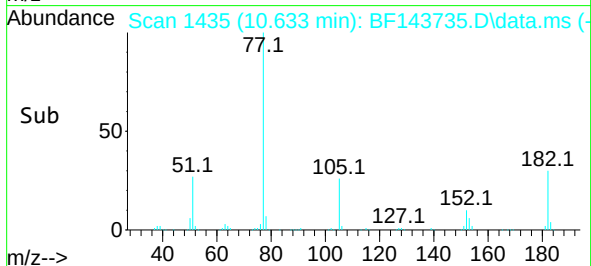
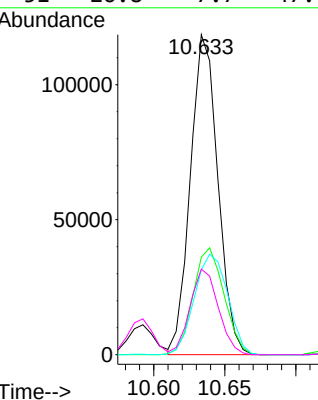
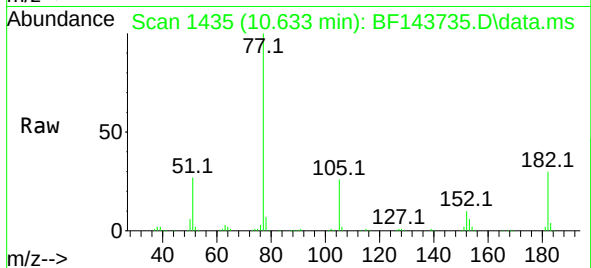
51 26.8 7.7 47.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

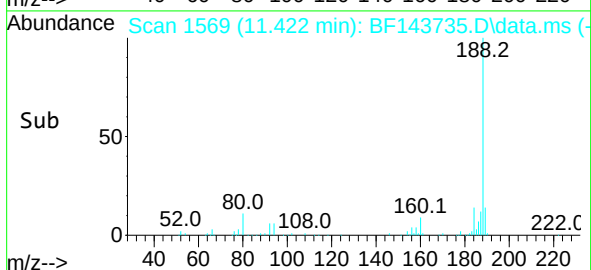
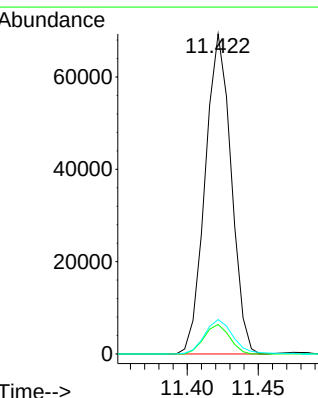
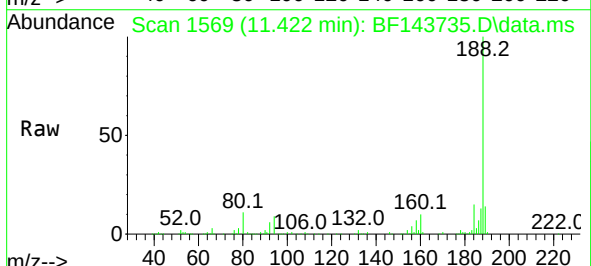
Tgt Ion:188 Resp: 88100

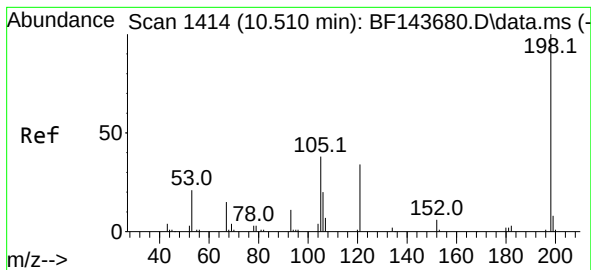
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 10.7 7.7 11.5





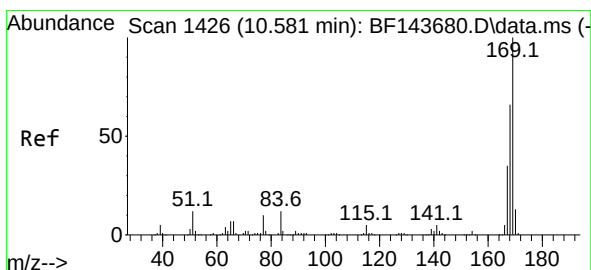
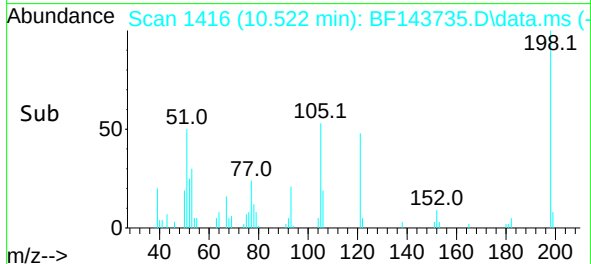
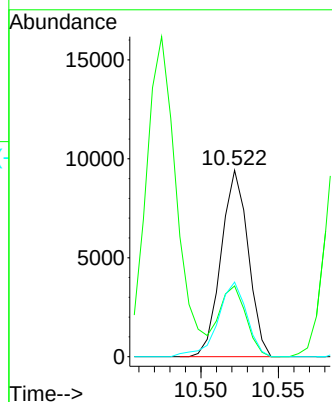
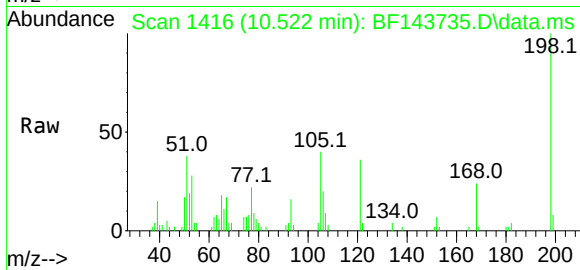
#65
4,6-Dinitro-2-methylphenol
Concen: 25.531 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

Instrument :
BNA_F
ClientSampleId :
WC-31MSD

Tgt Ion:198 Resp: 11452
Ion Ratio Lower Upper
198 100
51 38.0 21.2 61.2
105 40.0 19.0 59.0

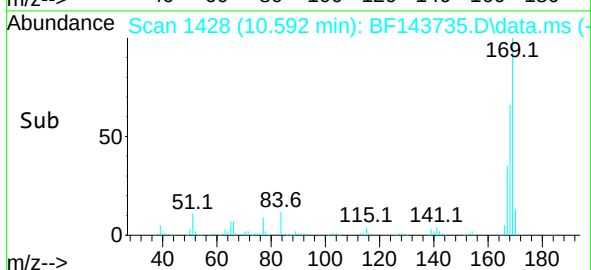
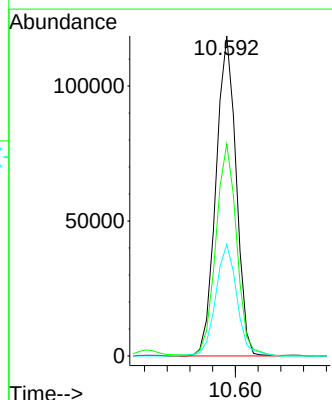
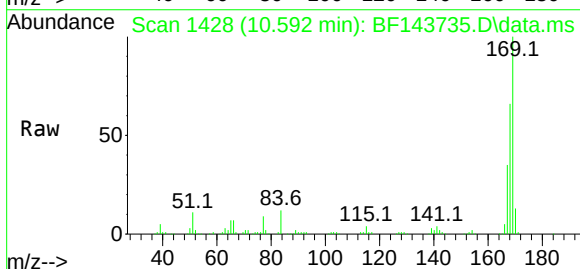
Manual Integrations
APPROVED

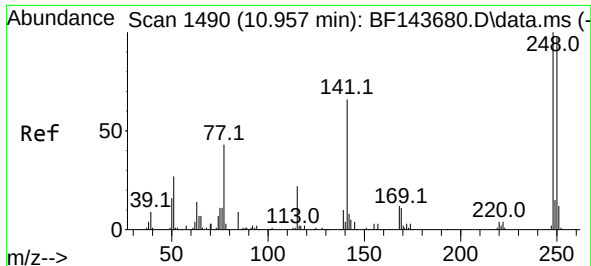
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#66
n-Nitrosodiphenylamine
Concen: 50.703 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

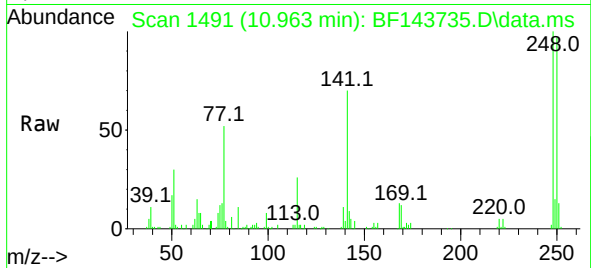
Tgt Ion:169 Resp: 146336
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 34.9 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 47.665 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

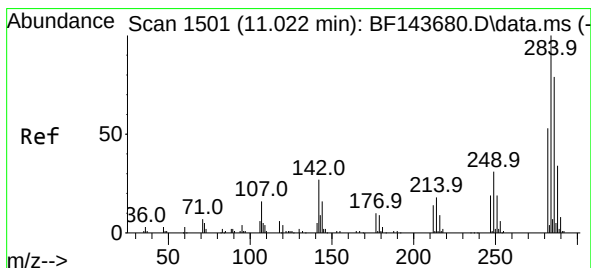
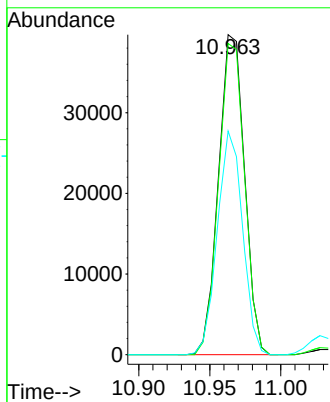
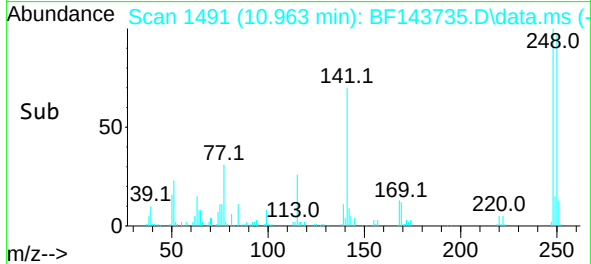
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



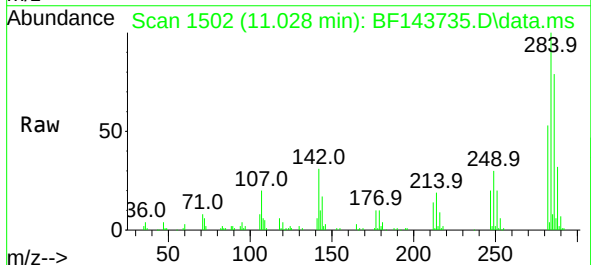
Tgt Ion:248 Resp: 50640
Ion Ratio Lower Upper
248 100
250 97.3 77.5 116.3
141 69.9 52.6 79.0

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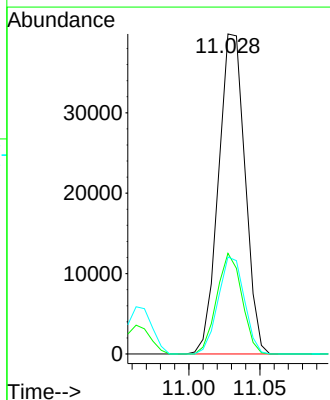
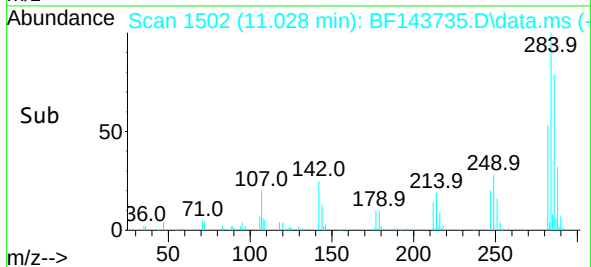
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

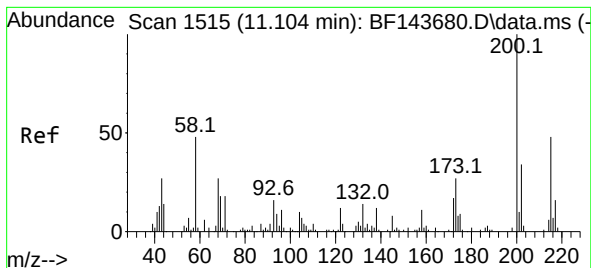


#68
Hexachlorobenzene
Concen: 46.038 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:284 Resp: 51645
Ion Ratio Lower Upper
284 100
142 31.4 21.3 31.9
249 30.3 25.0 37.4





#69

Atrazine

Concen: 50.387 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

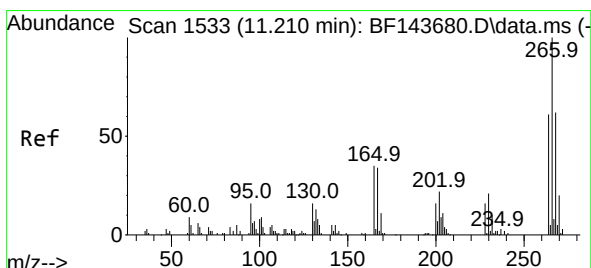
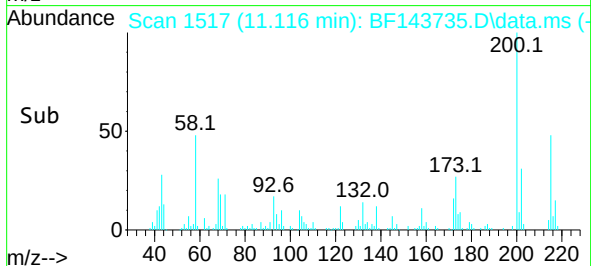
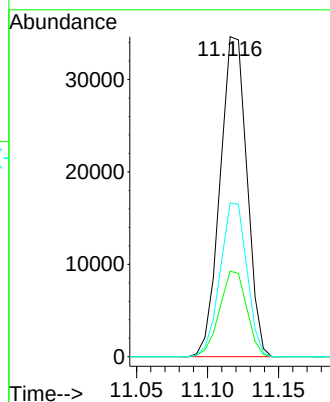
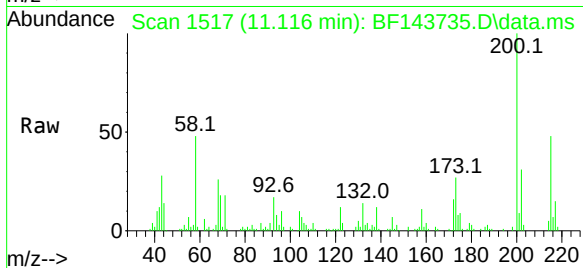
Tgt Ion:200 Resp: 4559
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.3 47.3
 215 48.0 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#70

Pentachlorophenol

Concen: 102.476 ng

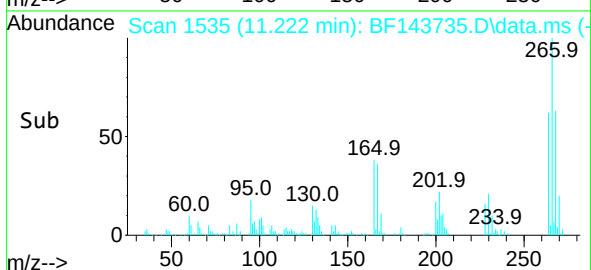
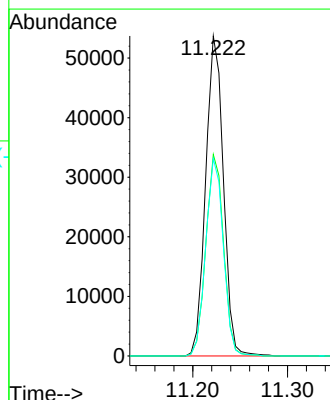
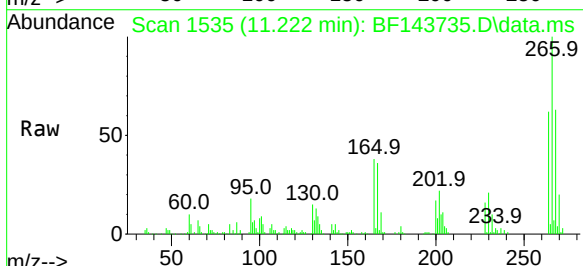
RT: 11.222 min Scan# 1535

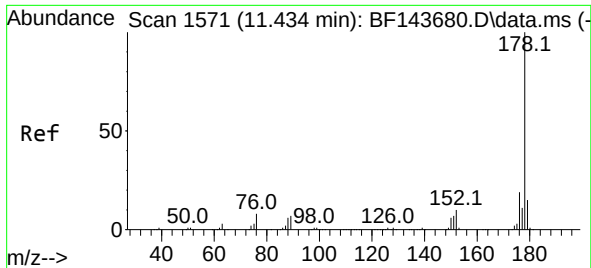
Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

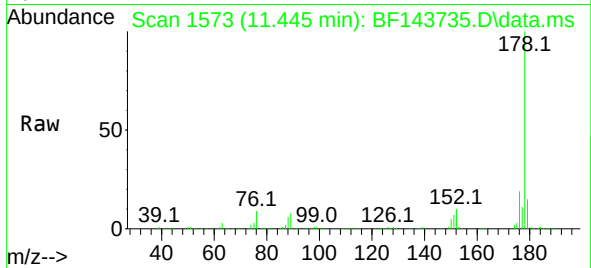
Tgt Ion:266 Resp: 69492
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.2 73.8
 264 61.6 48.6 73.0





#71
Phenanthrene
Concen: 62.116 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

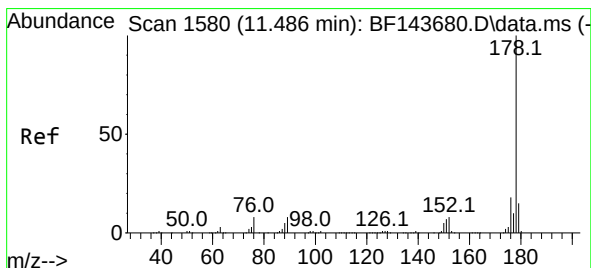
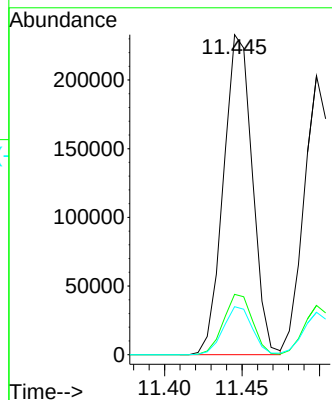
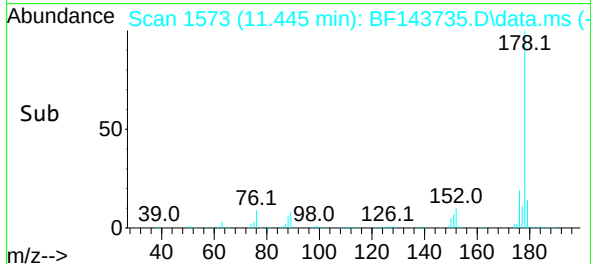
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



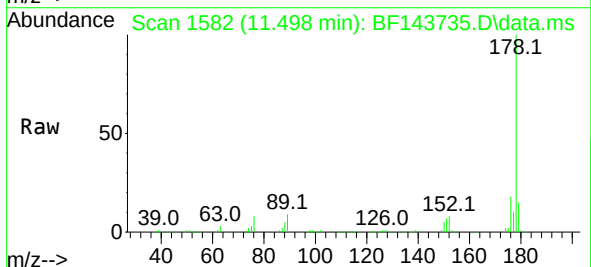
Tgt Ion:178 Resp: 301520
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.0 12.2 18.2

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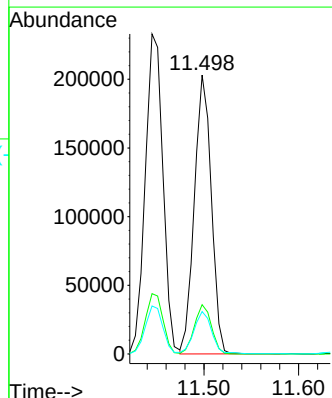
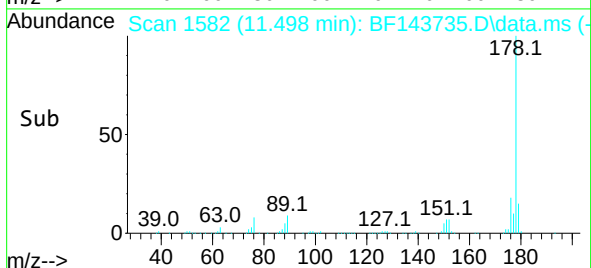
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

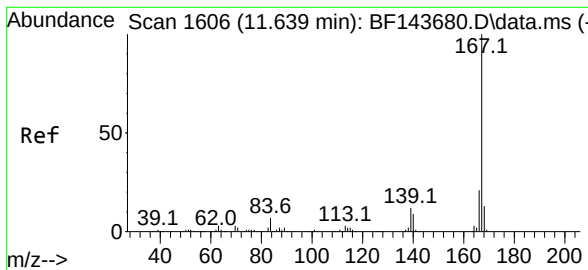


#72
Anthracene
Concen: 51.777 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



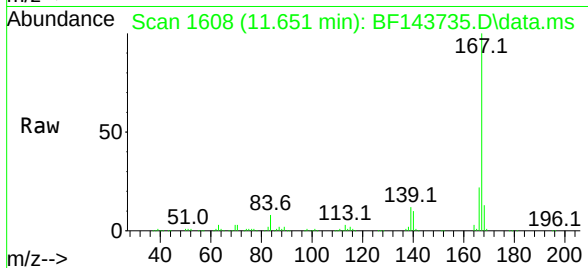
Tgt Ion:178 Resp: 252719
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.2 12.2 18.2





#73
Carbazole
Concen: 51.330 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

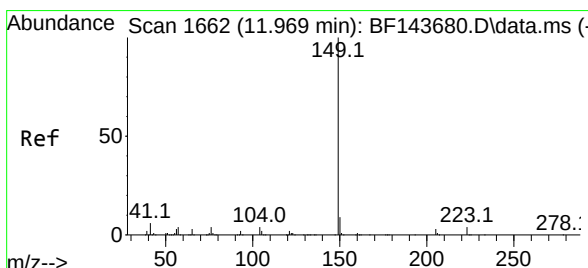
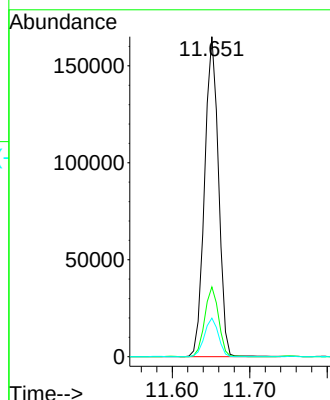
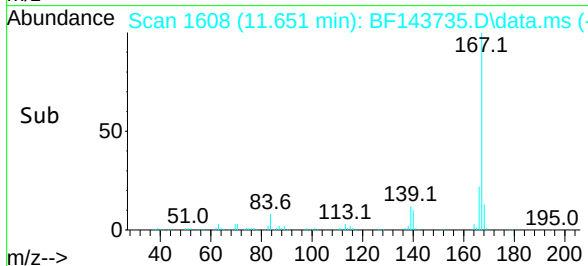
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



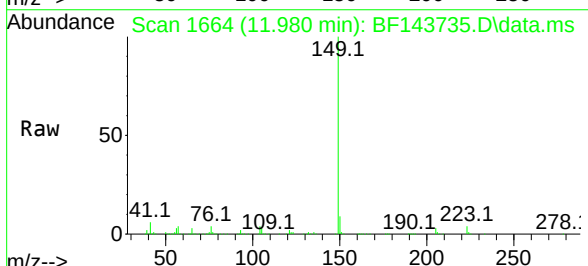
Tgt Ion:167 Resp: 20518
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.4
139 12.0 9.7 14.5

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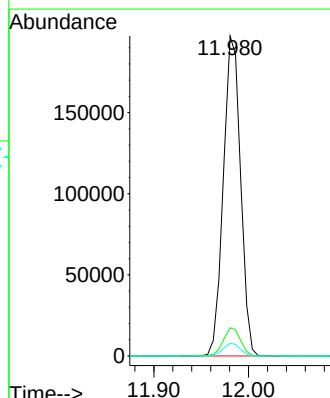
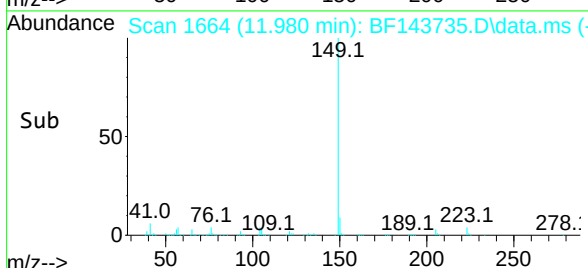
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

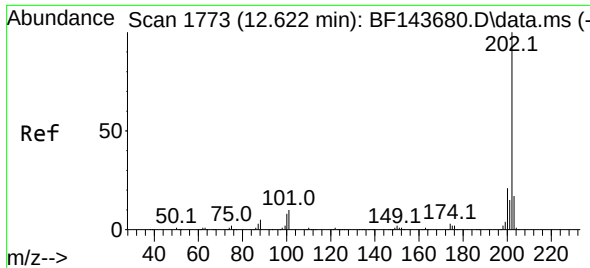


#74
Di-n-butylphthalate
Concen: 51.786 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



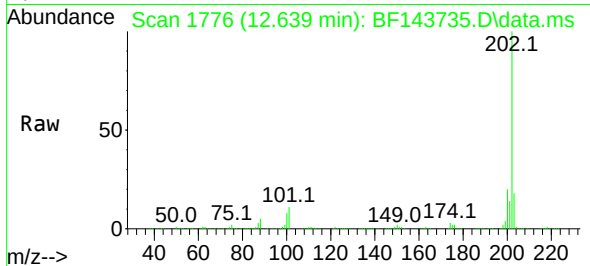
Tgt Ion:149 Resp: 249221
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 4.0 3.3 4.9





#75
Fluoranthene
Concen: 74.859 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

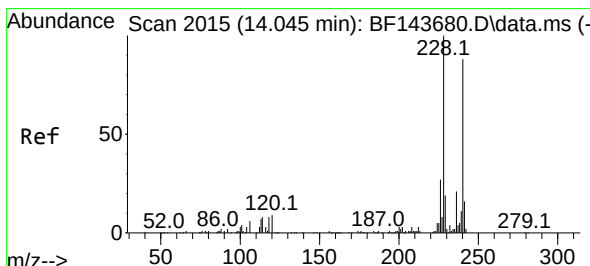
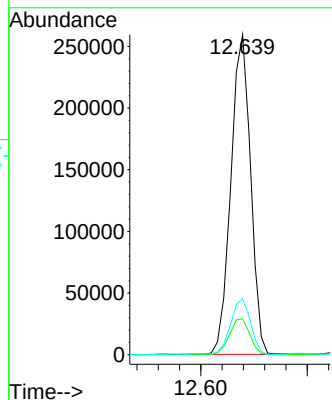
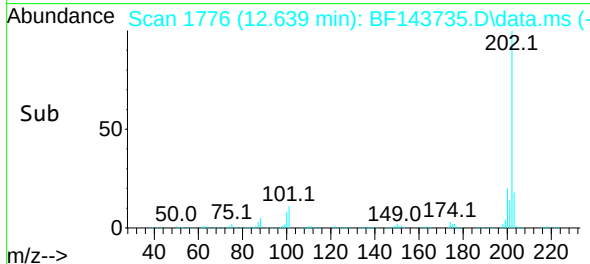
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



Tgt Ion:202 Resp: 33358
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 17.5 0.0 37.1

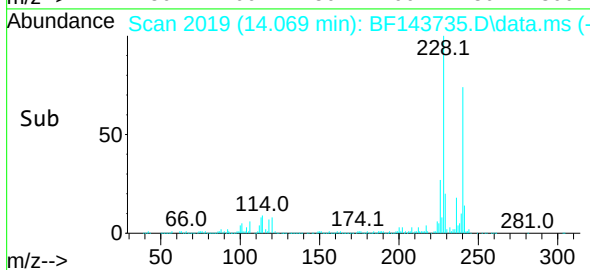
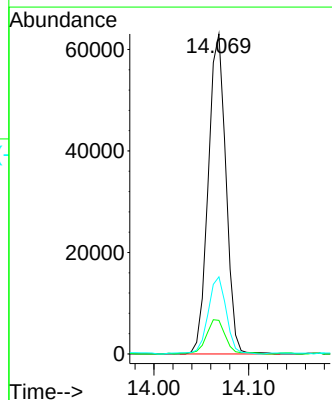
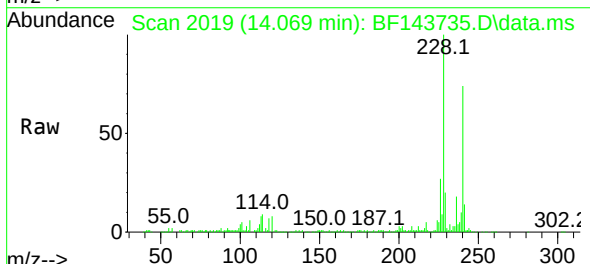
Manual Integrations
APPROVED

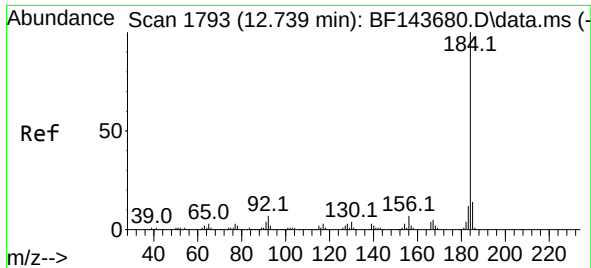
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

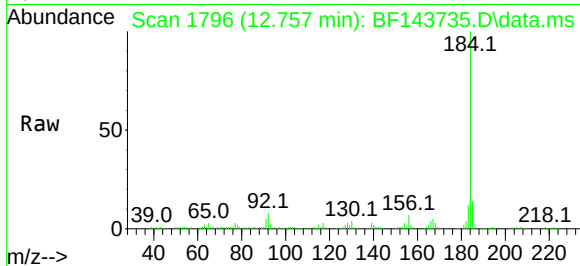
Tgt Ion:240 Resp: 81490
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 24.1 18.6 28.0





#77
Benzidine
Concen: 33.880 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

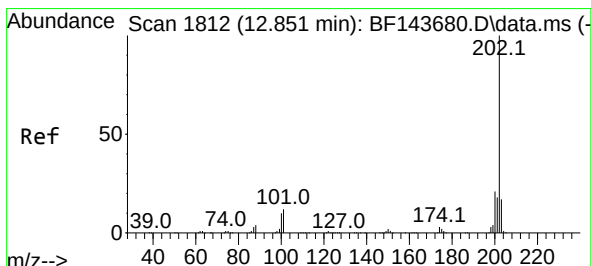
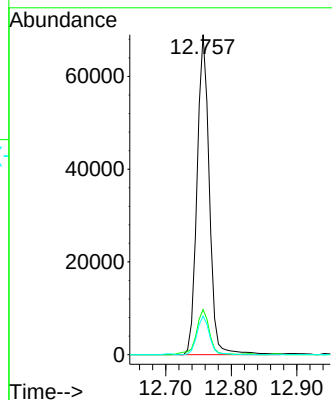
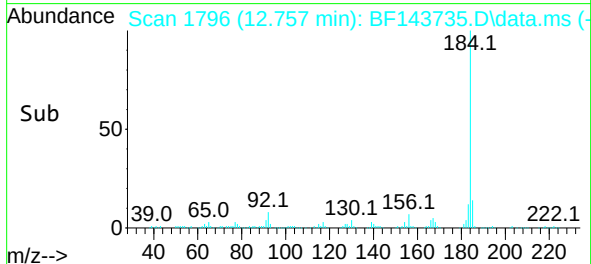
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



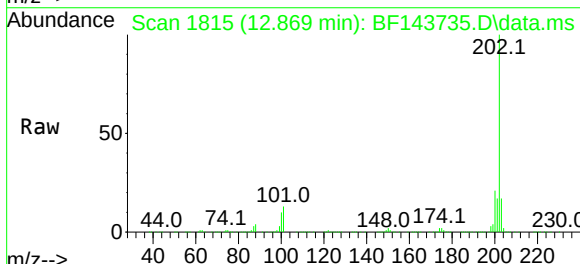
Tgt Ion:184 Resp: 9003
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 12.0 9.4 14.2

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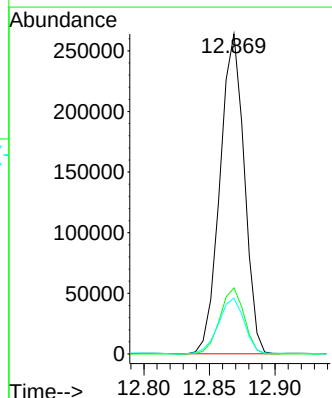
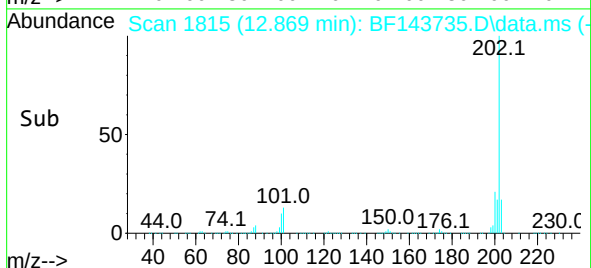
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

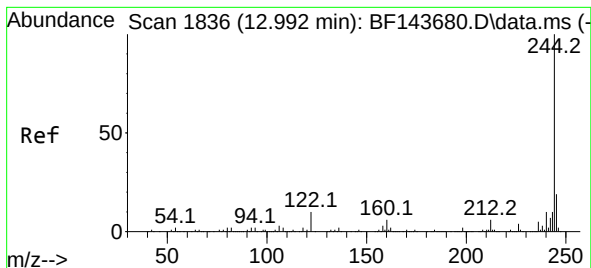


#78
Pyrene
Concen: 52.116 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:202 Resp: 339561
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 44.155 ng

RT: 13.004 min Scan# 1836

Delta R.T. 0.012 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

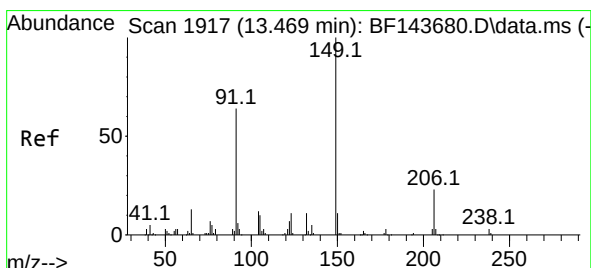
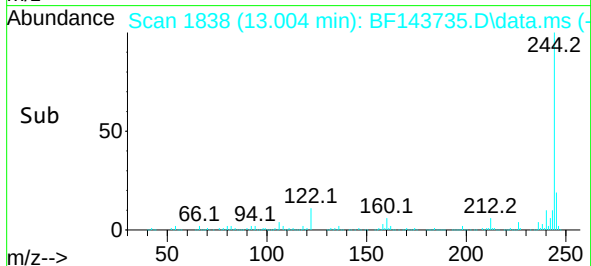
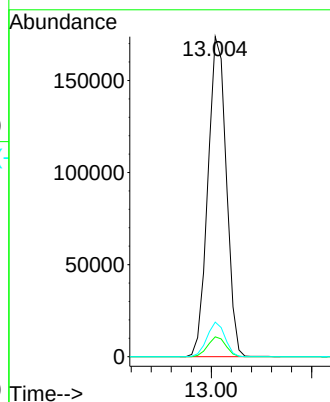
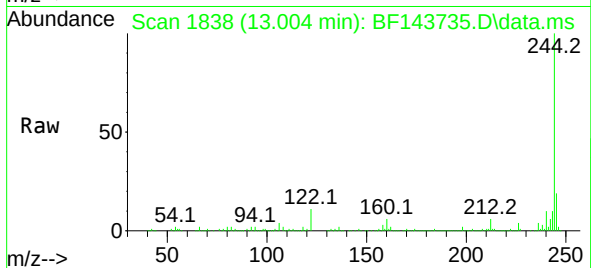
Tgt Ion:244 Resp: 22204
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 10.8 7.9 11.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#80

Butylbenzylphthalate

Concen: 48.929 ng

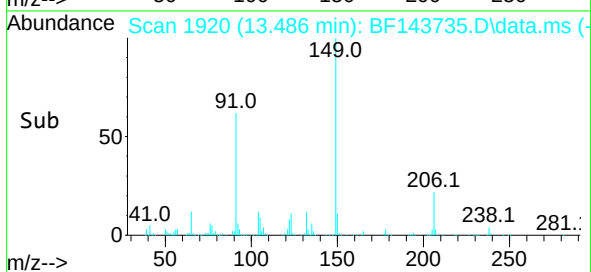
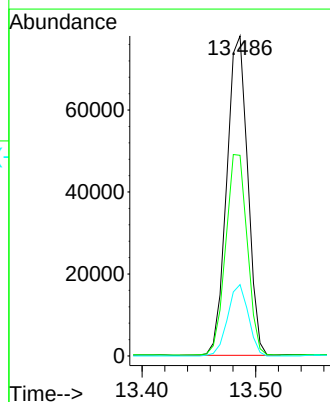
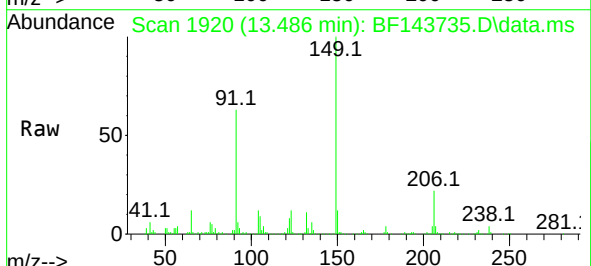
RT: 13.486 min Scan# 1920

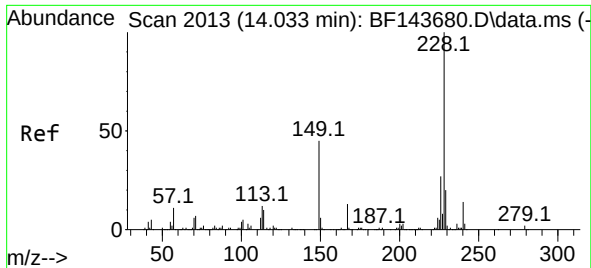
Delta R.T. 0.018 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

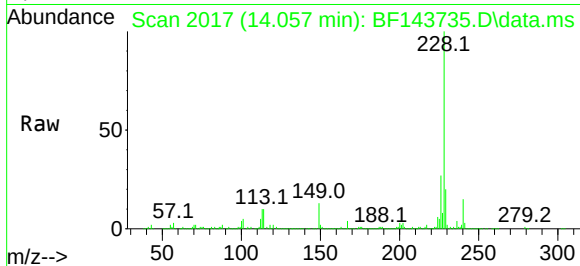
Tgt Ion:149 Resp: 99885
 Ion Ratio Lower Upper
 149 100
 91 62.7 50.9 76.3
 206 22.3 18.2 27.2





#81
Benzo(a)anthracene
Concen: 59.114 ng
RT: 14.057 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

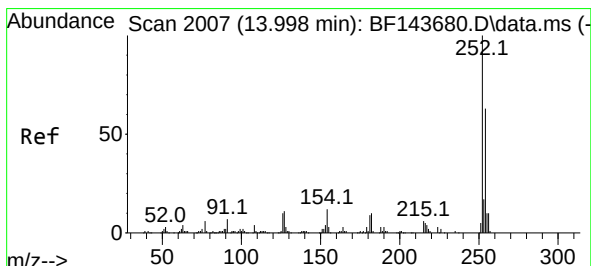
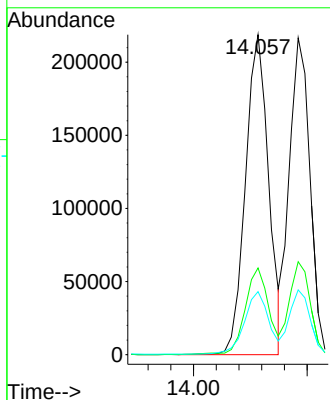
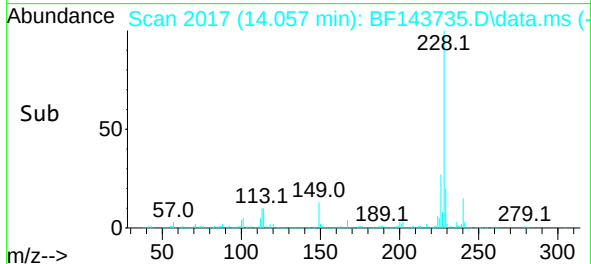
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



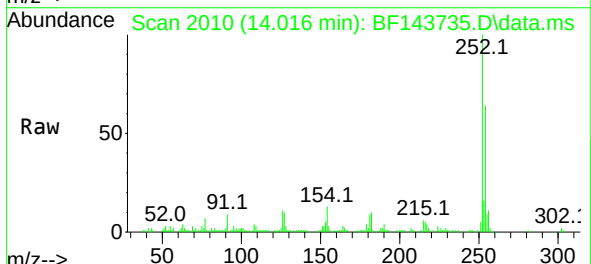
Tgt Ion:228 Resp: 309910
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.7 15.7 23.5

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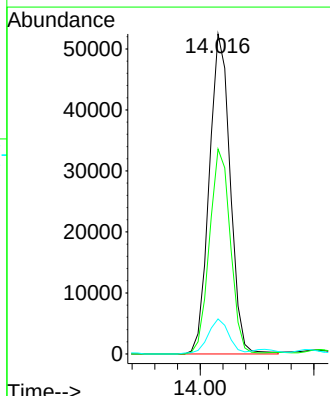
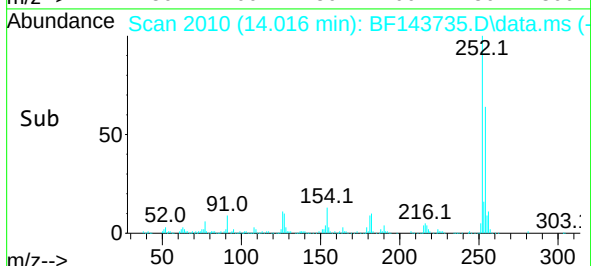
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

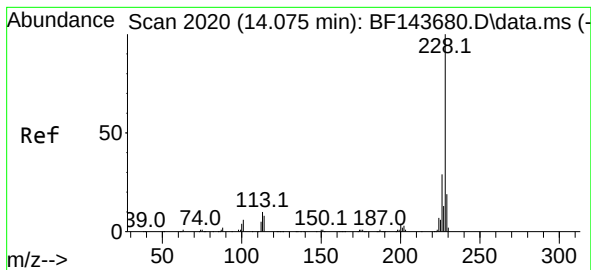


#82
3,3'-Dichlorobenzidine
Concen: 41.590 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:252 Resp: 67079
Ion Ratio Lower Upper
252 100
254 64.0 50.5 75.7
126 10.9 8.2 12.4





#83

Chrysene

Concen: 56.534 ng

RT: 14.092 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

Tgt Ion:228 Resp: 271449

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

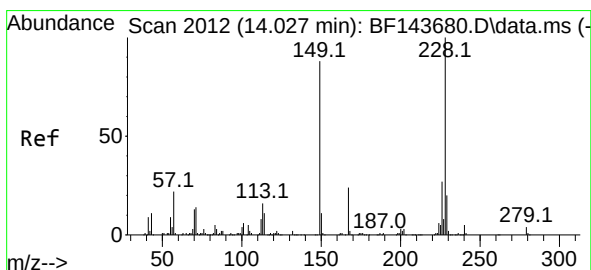
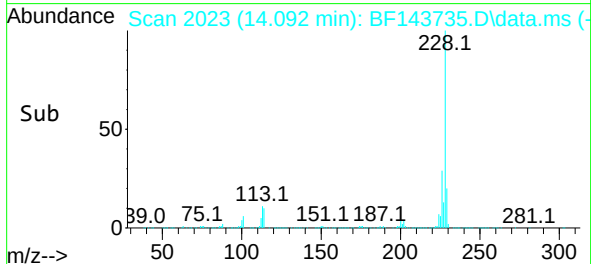
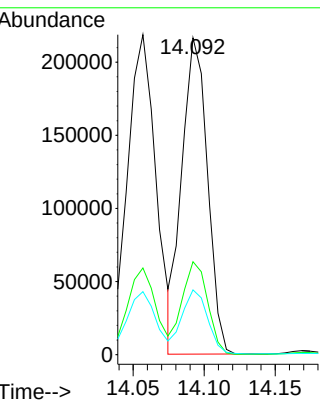
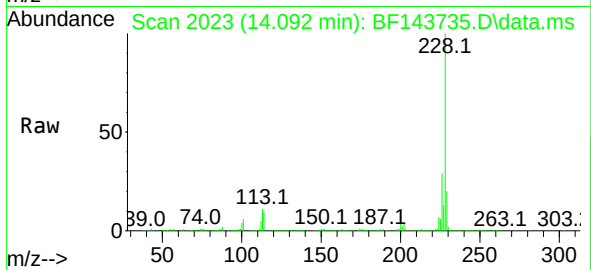
229 20.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.390 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

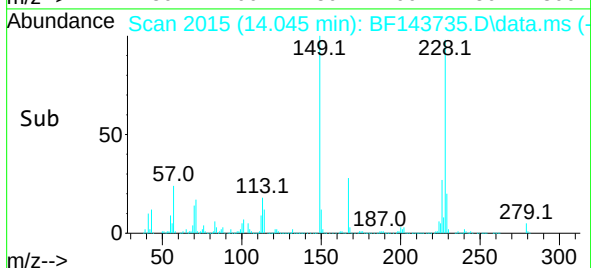
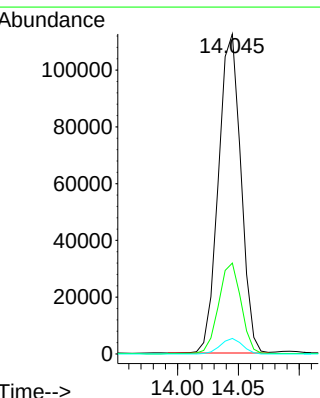
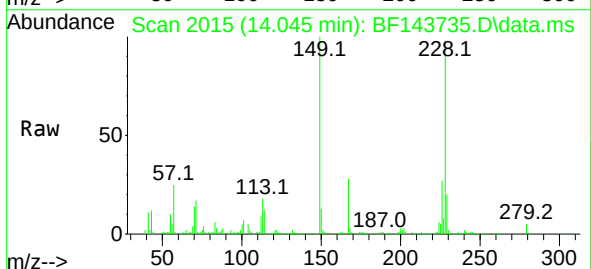
Tgt Ion:149 Resp: 143858

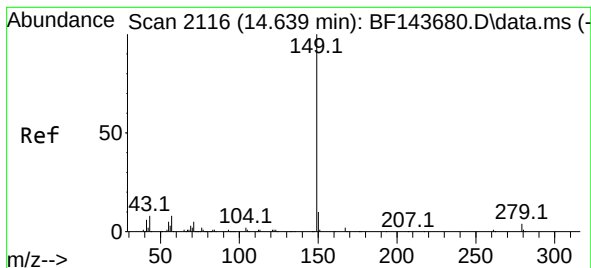
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

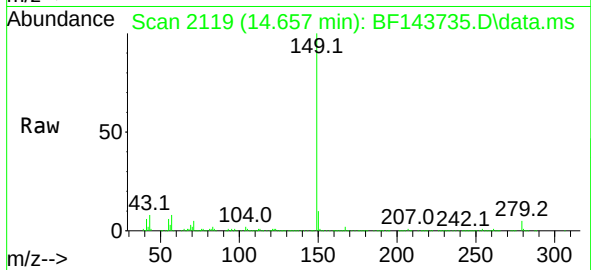
279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 49.947 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

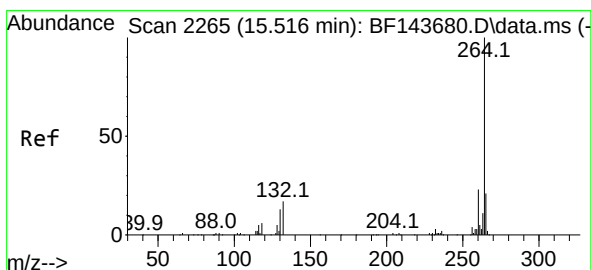
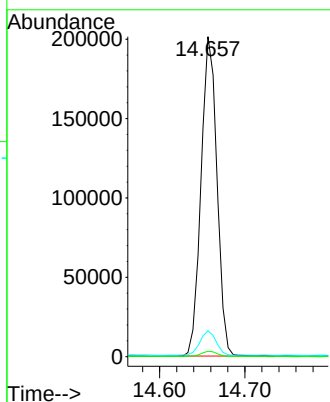
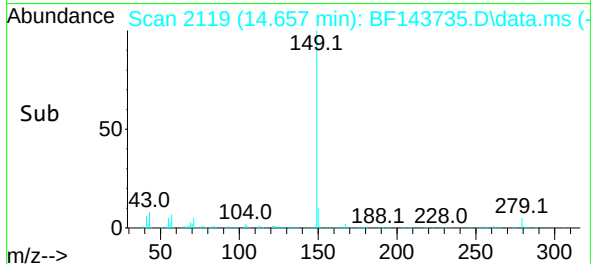
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



Tgt Ion:149 Resp: 26070
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.7 6.2 9.2

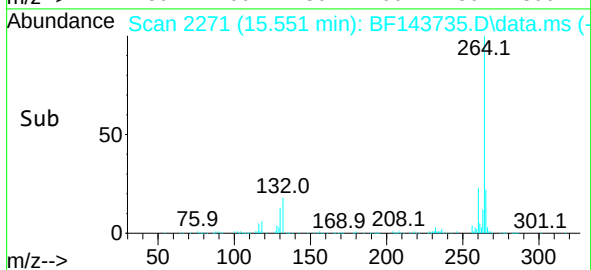
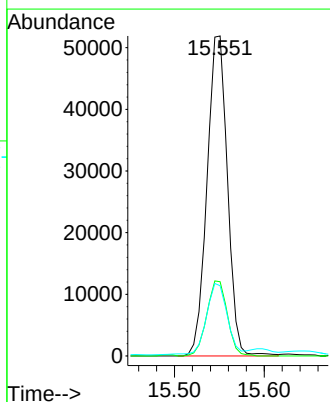
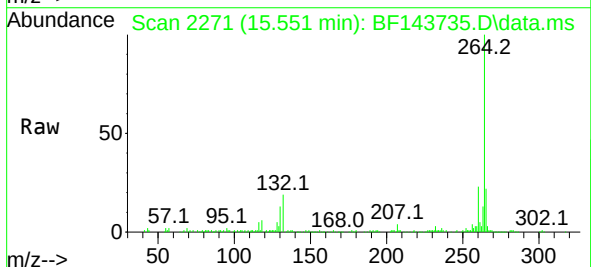
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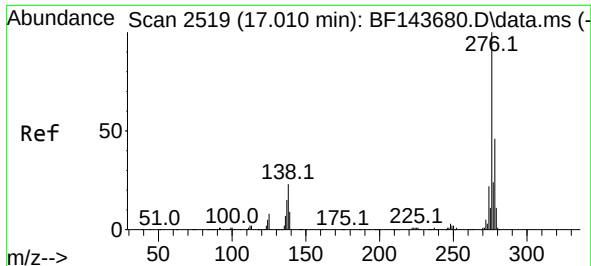
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.035 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

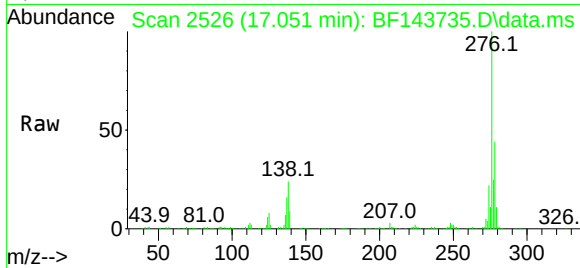
Tgt Ion:264 Resp: 82113
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.0 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.449 ng
RT: 17.051 min Scan# 2197
Delta R.T. 0.041 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

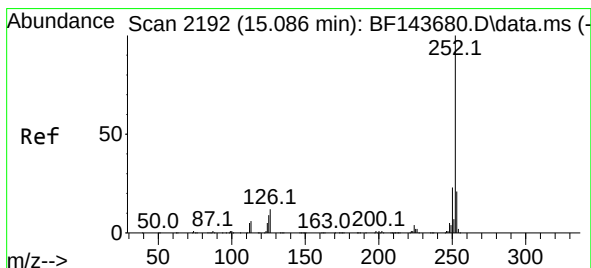
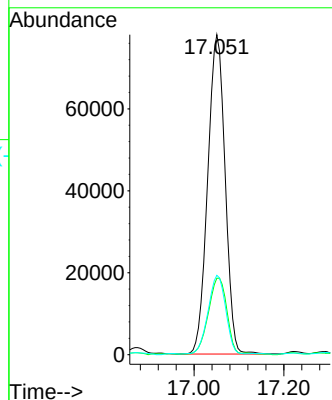
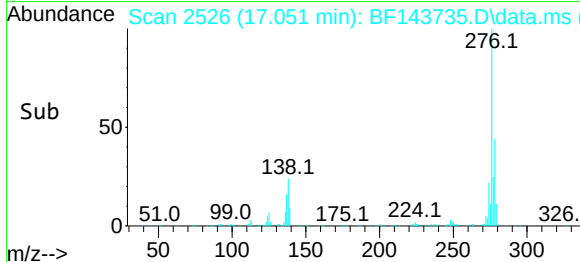
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



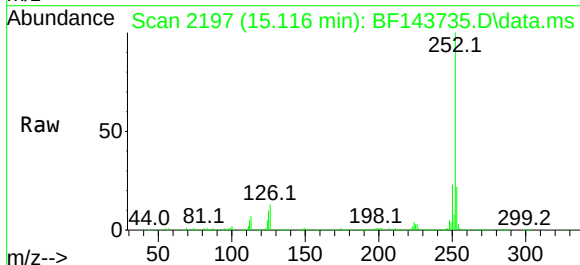
Tgt Ion:276 Resp: 209860
Ion Ratio Lower Upper
276 100
138 25.0 19.7 29.5
277 24.9 20.2 30.2

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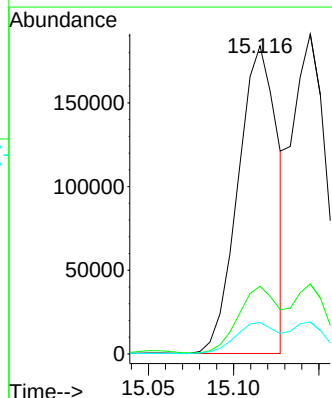
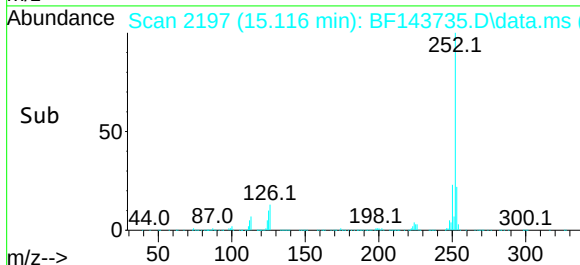
Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025

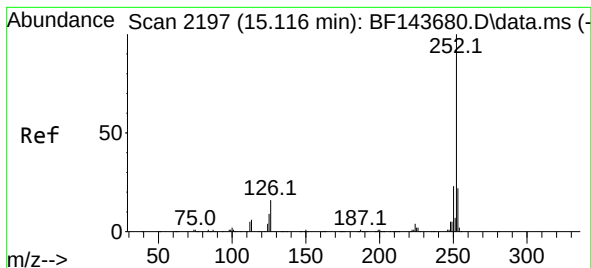


#88
Benzo(b)fluoranthene
Concen: 60.024 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:252 Resp: 293398
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 59.579 ng m

RT: 15.145 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

Instrument :

BNA_F

ClientSampleId :

WC-31MSD

Tgt Ion:252 Resp: 262830

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

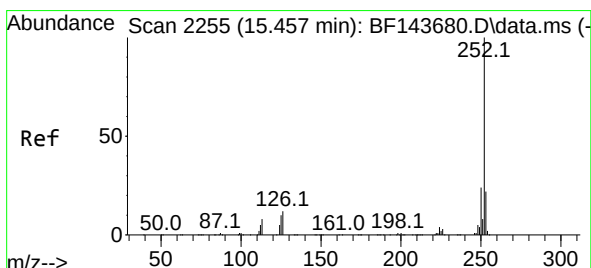
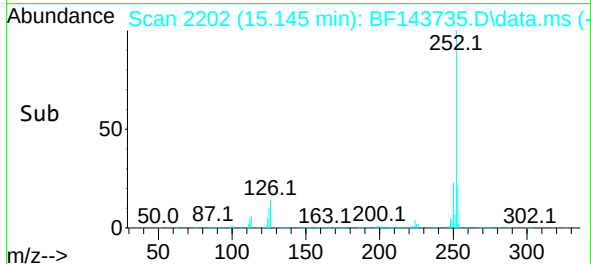
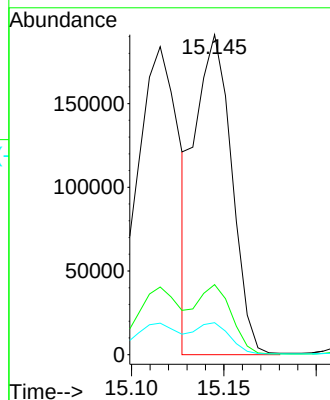
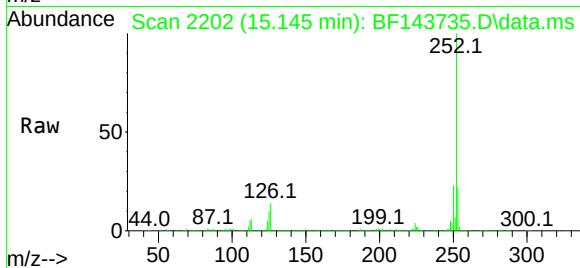
125 10.0 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/15/2025

Supervised By :Jagrut Upadhyay 09/15/2025



#90

Benzo(a)pyrene

Concen: 59.495 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.029 min

Lab File: BF143735.D

Acq: 12 Sep 2025 16:11

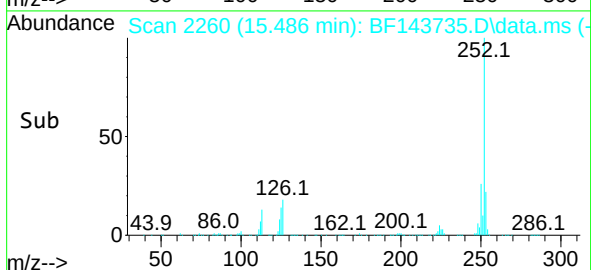
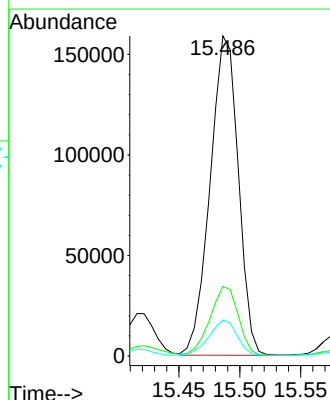
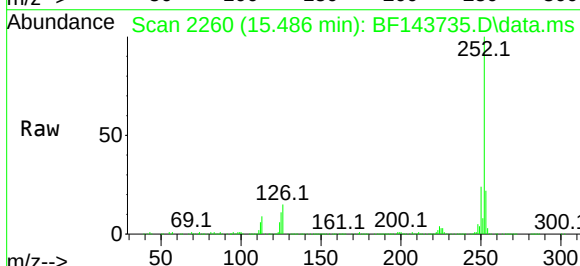
Tgt Ion:252 Resp: 255488

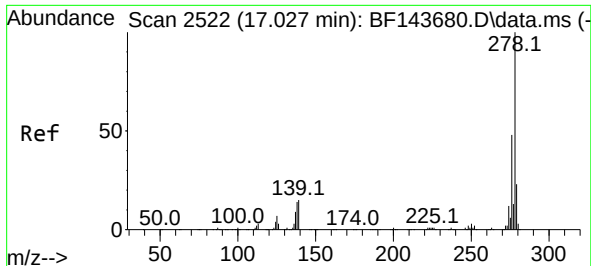
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

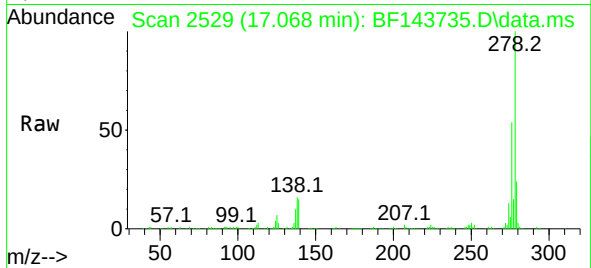
125 11.2 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 35.089 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11

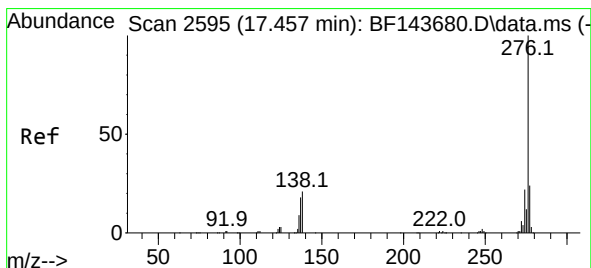
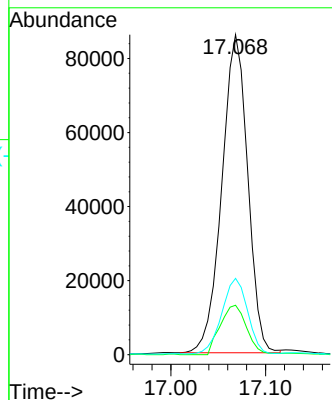
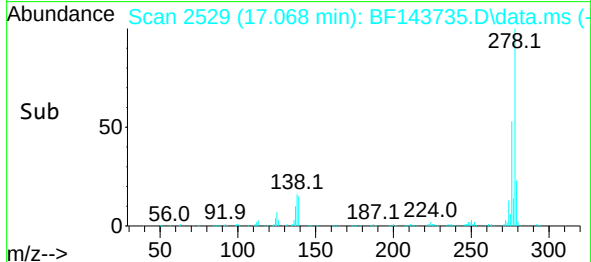
Instrument :
BNA_F
ClientSampleId :
WC-31MSD



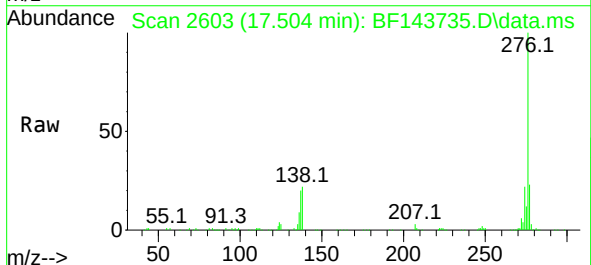
Tgt Ion:278 Resp: 163144
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.8 18.7 28.1

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 36.588 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.047 min
Lab File: BF143735.D
Acq: 12 Sep 2025 16:11



Tgt Ion:276 Resp: 159122
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 22.4 17.0 25.4

