

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143180.D
 Acq On : 22 Jul 2025 10:26
 Operator : RC/JU
 Sample : Q2635-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

Quant Time: Jul 22 11:17:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122637	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	483164	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	258898	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	420723	20.000	ng	0.00
76) Chrysene-d12	14.133	240	277520	20.000	ng	0.01
86) Perylene-d12	15.633	264	250625	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	656921	84.767	ng	0.00
7) Phenol-d6	6.586	99	860079	88.173	ng	0.00
23) Nitrobenzene-d5	7.522	82	547489	56.483	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	245931	91.952	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	984221	51.991	ng	0.00
79) Terphenyl-d14	13.068	244	824200	44.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	130984	35.720	ng	99
3) Pyridine	3.610	79	355037	37.302	ng	99
4) n-Nitrosodimethylamine	3.546	42	205539	41.826	ng	99
6) Aniline	6.628	93	319279	23.486	ng	99
8) 2-Chlorophenol	6.751	128	348702	42.926	ng	98
9) Benzaldehyde	6.510	77	239190	32.701	ng	98
10) Phenol	6.604	94	470154	44.243	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	345925	42.516	ng	99
12) 1,3-Dichlorobenzene	6.904	146	356842	40.438	ng	100
13) 1,4-Dichlorobenzene	6.981	146	362700	40.813	ng	99
14) 1,2-Dichlorobenzene	7.133	146	347469	41.109	ng	99
15) Benzyl Alcohol	7.098	79	331244	44.474	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	624571	41.381	ng	100
17) 2-Methylphenol	7.210	107	297538	43.562	ng	99
18) Hexachloroethane	7.481	117	131497	42.743	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	257035	41.072	ng	98
20) 3+4-Methylphenols	7.363	107	367283	44.321	ng	# 78
22) Acetophenone	7.369	105	473405	41.385	ng	# 98
24) Nitrobenzene	7.539	77	393741	43.571	ng	99
25) Isophorone	7.781	82	722769	42.240	ng	99
26) 2-Nitrophenol	7.857	139	184391	47.015	ng	98
27) 2,4-Dimethylphenol	7.892	122	336155	42.048	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	424559	41.383	ng	100
29) 2,4-Dichlorophenol	8.098	162	295634	43.850	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	300326	41.233	ng	99
31) Naphthalene	8.269	128	1043768	43.865	ng	100
32) Benzoic acid	8.010	122	242290	53.176	ng	97
33) 4-Chloroaniline	8.310	127	115901	11.929	ng	99
34) Hexachlorobutadiene	8.392	225	180230	40.506	ng	100
35) Caprolactam	8.680	113	111637	54.796	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	337664	46.079	ng	99
37) 2-Methylnaphthalene	8.957	142	632605	43.689	ng	100
38) 1-Methylnaphthalene	9.057	142	654760	43.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.127	216	307216	41.101	ng	98
41) Hexachlorocyclopentadiene	9.116	237	269158	55.342	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	225706	43.631	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	226021	43.678	ng	98
46) 1,1'-Biphenyl	9.422	154	845751	41.871	ng	99
47) 2-Chloronaphthalene	9.445	162	622529	41.652	ng	99
48) 2-Nitroaniline	9.533	65	228188	48.685	ng	97
49) Acenaphthylene	9.863	152	1074389	42.895	ng	100
50) Dimethylphthalate	9.722	163	739486	43.820	ng	99
51) 2,6-Dinitrotoluene	9.780	165	162636	47.374	ng	98
52) Acenaphthene	10.039	154	702409	47.447	ng	98
53) 3-Nitroaniline	9.945	138	150223	37.411	ng	100
54) 2,4-Dinitrophenol	10.051	184	161630	101.891	ng #	1
55) Dibenzofuran	10.210	168	958909	43.628	ng	100
56) 4-Nitrophenol	10.104	139	290208	96.784	ng	98
57) 2,4-Dinitrotoluene	10.180	165	222639	51.692	ng	98
58) Fluorene	10.551	166	735293	44.574	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	194167	45.297	ng	99
60) Diethylphthalate	10.422	149	770106	46.169	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	350275	42.644	ng	98
62) 4-Nitroaniline	10.563	138	162531	47.227	ng	97
63) Azobenzene	10.704	77	806940	46.418	ng	95
65) 4,6-Dinitro-2-methylph...	10.592	198	106177	48.125	ng	98
66) n-Nitrosodiphenylamine	10.657	169	640269	43.218	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	215047	42.890	ng	99
68) Hexachlorobenzene	11.104	284	221260	42.221	ng	99
69) Atrazine	11.186	200	192717	47.184	ng	98
70) Pentachlorophenol	11.292	266	273917	88.880	ng	99
71) Phenanthrene	11.516	178	1252082	56.049	ng	99
72) Anthracene	11.569	178	1059941	46.522	ng	100
73) Carbazole	11.716	167	866665	43.563	ng	99
74) Di-n-butylphthalate	12.045	149	1089699	48.409	ng	100
75) Fluoranthene	12.704	202	1341747	65.437	ng	99
77) Benzidine	12.816	184	257059	24.042	ng	99
78) Pyrene	12.933	202	1405043	59.322	ng	99
80) Butylbenzylphthalate	13.545	149	372649	51.381	ng	98
81) Benzo(a)anthracene	14.121	228	1055813	56.825	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	136903	22.108	ng	99
83) Chrysene	14.157	228	926475	55.460	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	512026	46.643	ng	100
85) Di-n-octyl phthalate	14.721	149	949372m	47.711	ng	
87) Indeno(1,2,3-cd)pyrene	17.180	276	632228	35.775	ng	99
88) Benzo(b)fluoranthene	15.192	252	1015390	66.318	ng	99
89) Benzo(k)fluoranthene	15.221	252	712098	52.120	ng	99
90) Benzo(a)pyrene	15.574	252	800603	56.754	ng	98
91) Dibenzo(a,h)anthracene	17.198	278	444650	30.912	ng	99
92) Benzo(g,h,i)perylene	17.645	276	504925	36.288	ng	99

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

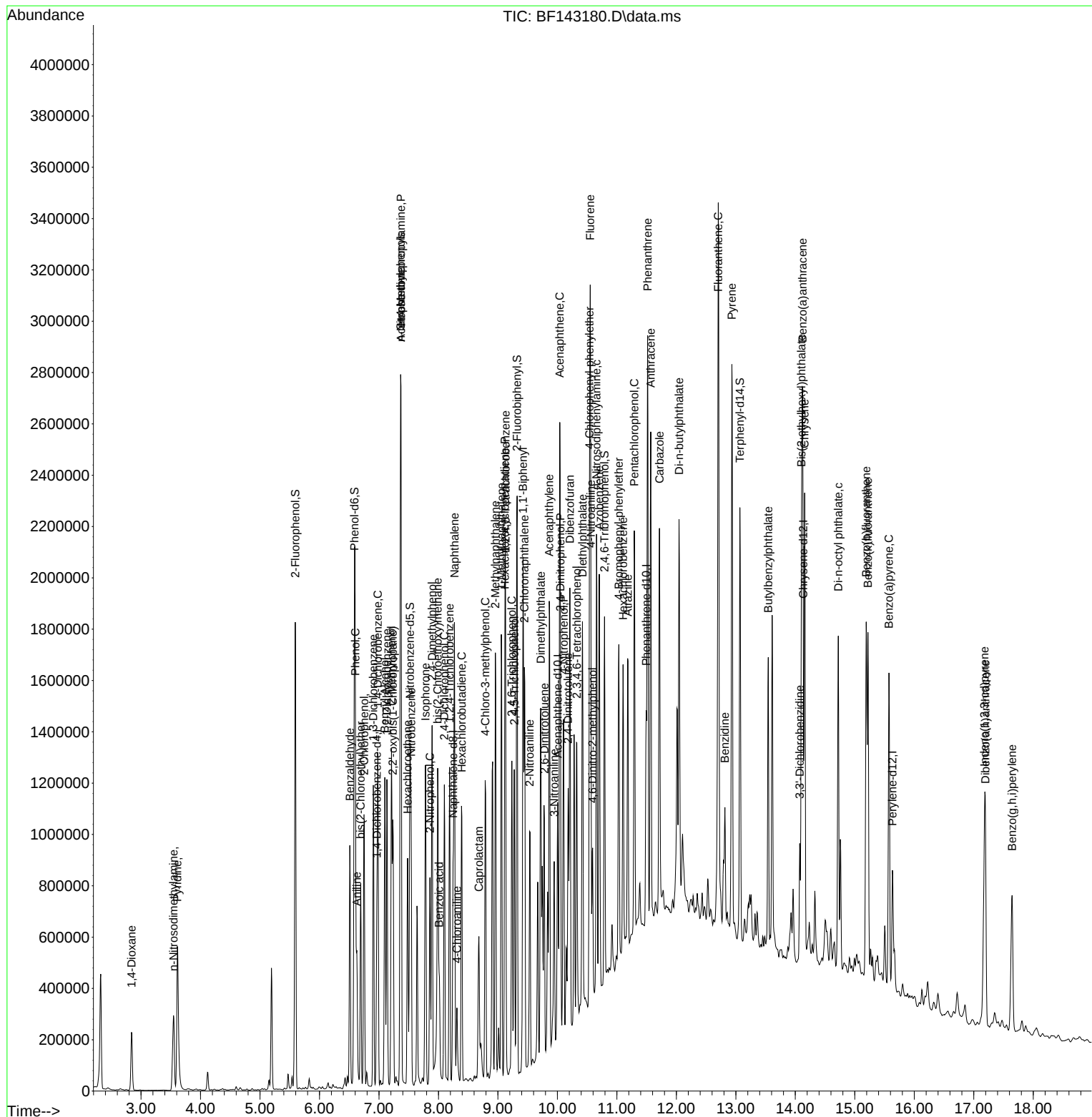
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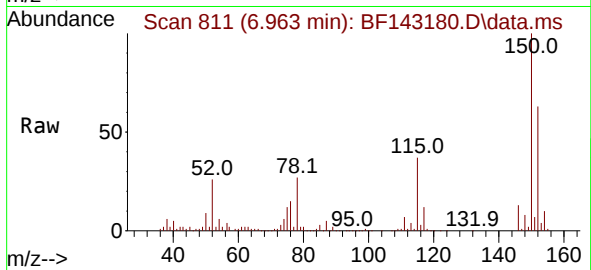
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

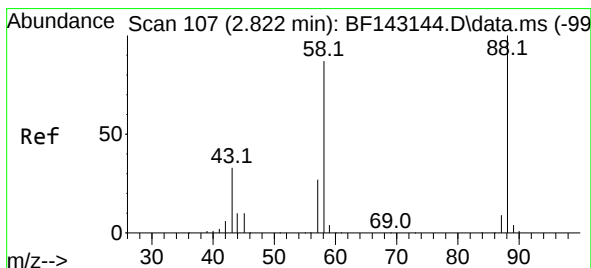
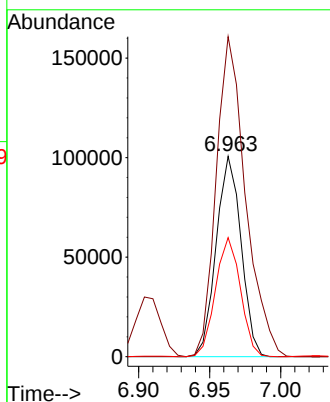
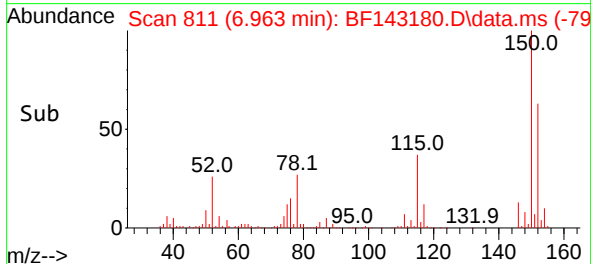
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:152 Resp: 12263
Ion Ratio Lower Upper
152 100
150 159.7 128.2 192.4
115 59.4 47.9 71.9

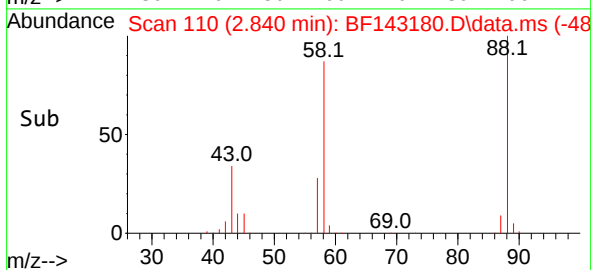
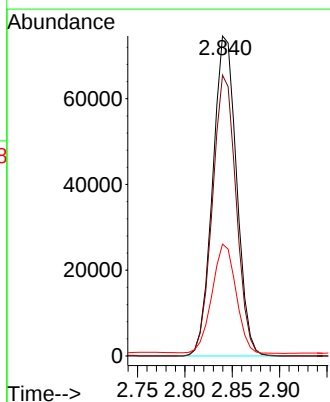
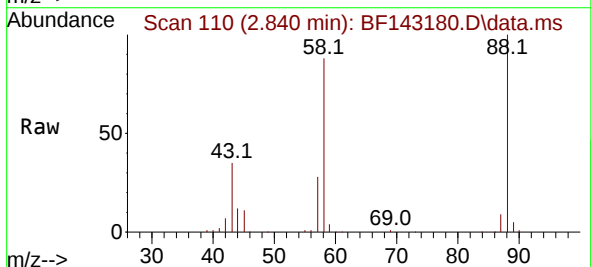
Manual Integrations
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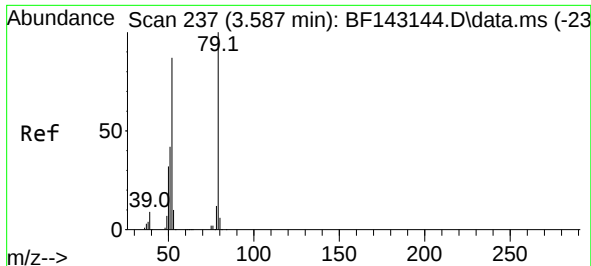
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Supervised By :Jagrut Upadhyay 07/23/2025



#2
1,4-Dioxane
Concen: 35.720 ng
RT: 2.840 min Scan# 110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

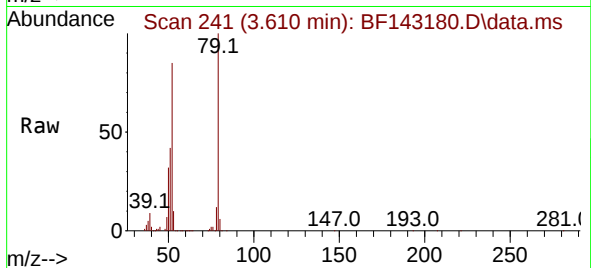
Tgt Ion: 88 Resp: 130984
Ion Ratio Lower Upper
88 100
58 87.3 70.2 105.2
43 34.4 27.1 40.7





#3
Pyridine
Concen: 37.302 ng
RT: 3.610 min Scan# 241
Delta R.T. 0.023 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

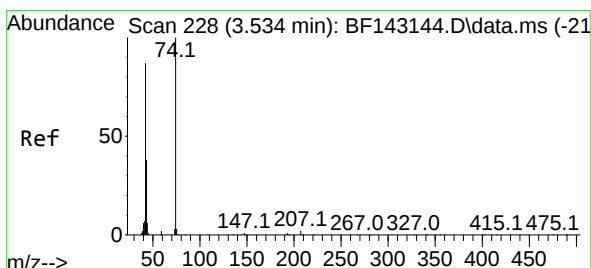
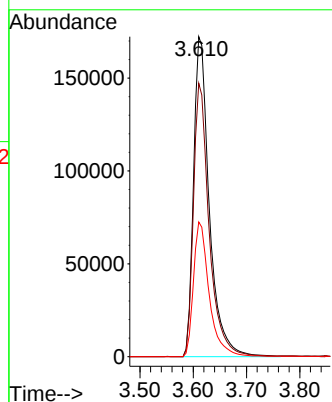
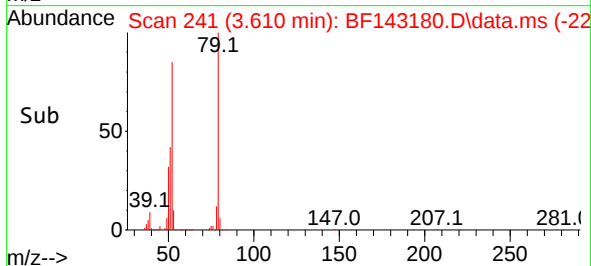
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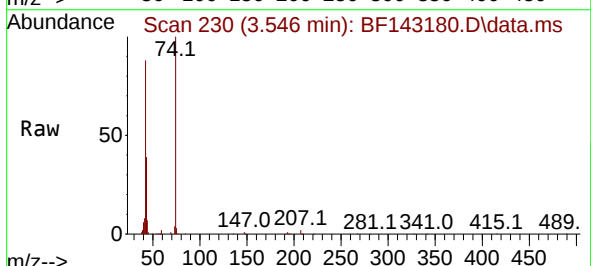
Tgt Ion: 79 Resp: 35503
Ion Ratio Lower Upper
79 100
52 85.5 69.4 104.2
51 42.1 33.5 50.3

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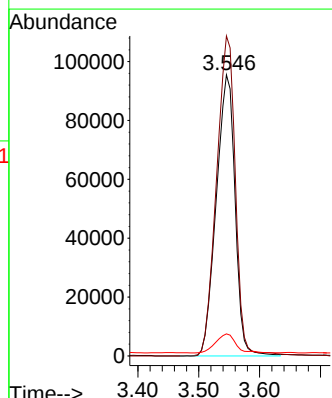
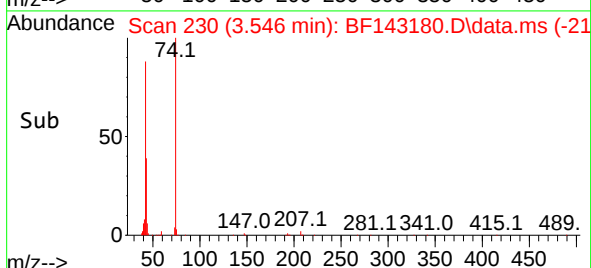
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#4
n-Nitrosodimethylamine
Concen: 41.826 ng
RT: 3.546 min Scan# 230
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



Tgt Ion: 42 Resp: 205539
Ion Ratio Lower Upper
42 100
74 113.8 91.7 137.5
44 7.9 5.6 8.4





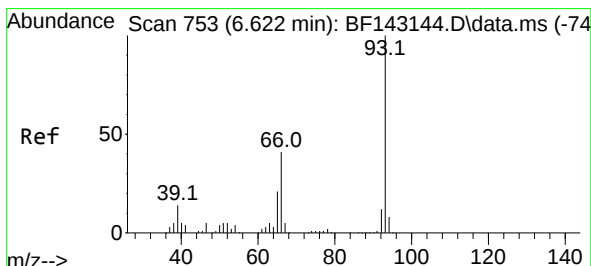
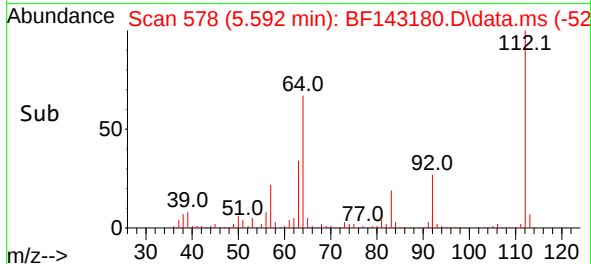
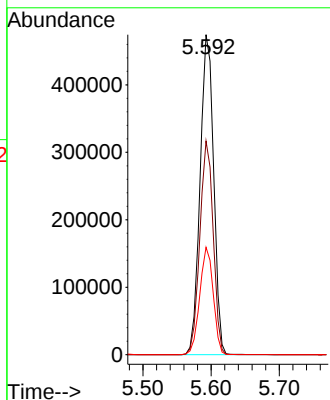
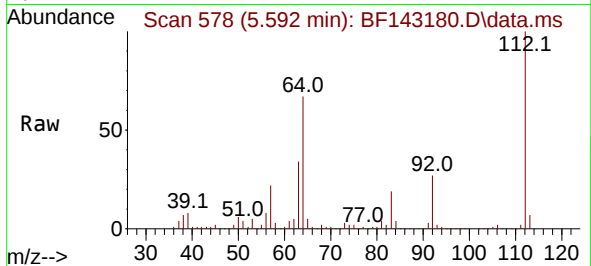
#5
2-Fluorophenol
Concen: 84.767 ng
RT: 5.592 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:112 Resp: 65692
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 33.5 26.6 40.0

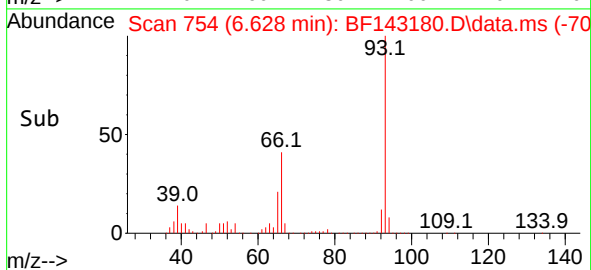
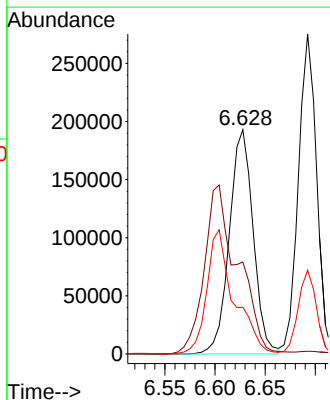
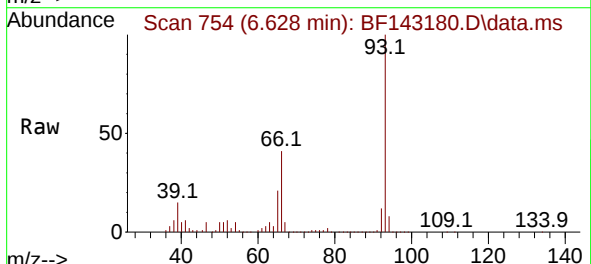
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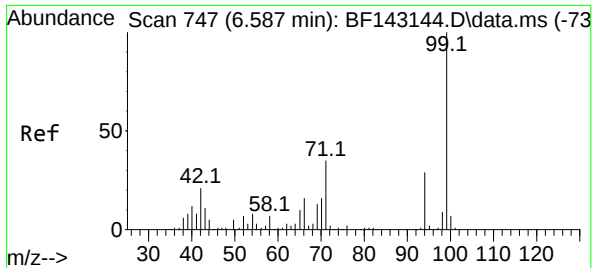
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#6
Aniline
Concen: 23.486 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

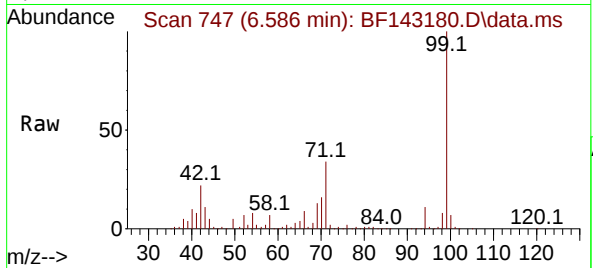
Tgt Ion: 93 Resp: 319279
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.8 16.9 25.3





#7
Phenol-d6
Concen: 88.173 ng
RT: 6.586 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

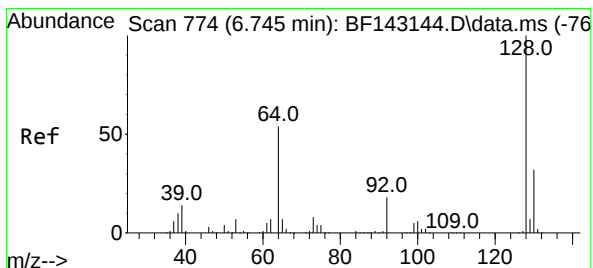
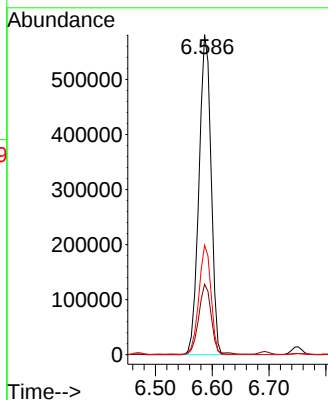
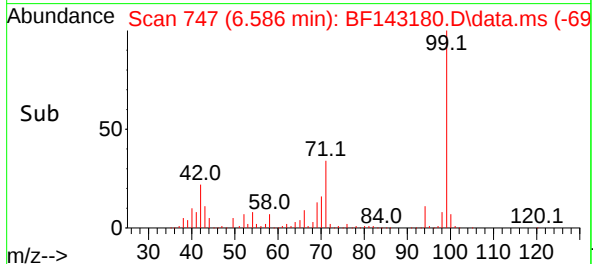
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Tgt Ion: 99 Resp: 860079
Ion Ratio Lower Upper
99 100
42 22.0 17.0 25.6
71 34.2 27.7 41.5

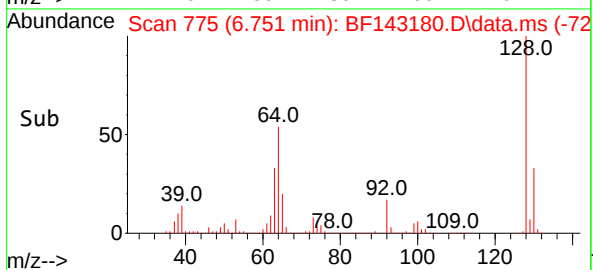
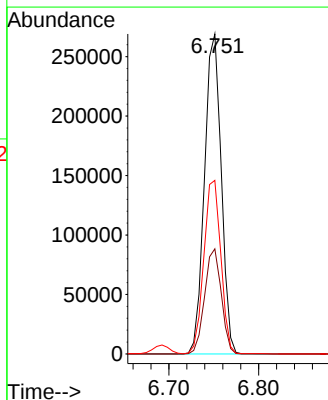
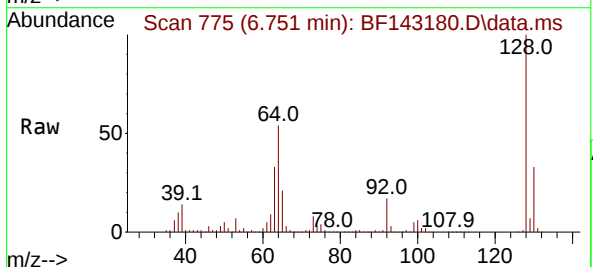
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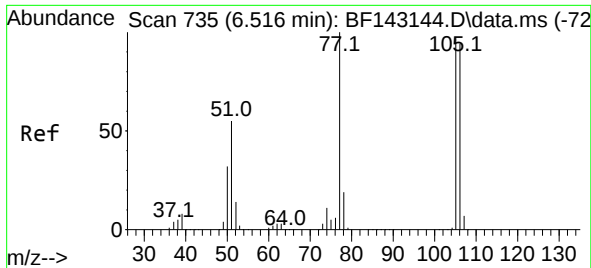
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#8
2-Chlorophenol
Concen: 42.926 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143180.D
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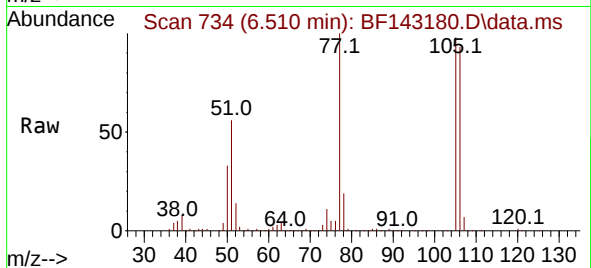
Tgt Ion:128 Resp: 348702
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 54.2 35.9 75.9





#9
Benzaldehyde
Concen: 32.701 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143180.D
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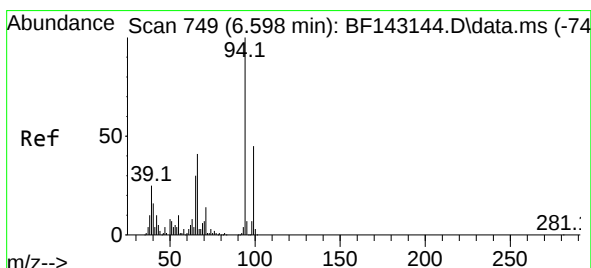
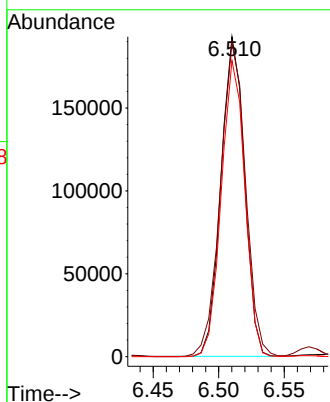
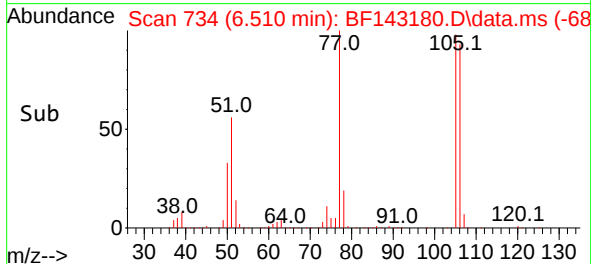
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Tgt Ion: 77 Resp: 239190
Ion Ratio Lower Upper
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105 98.0 76.8 116.8
106 92.5 74.4 114.4

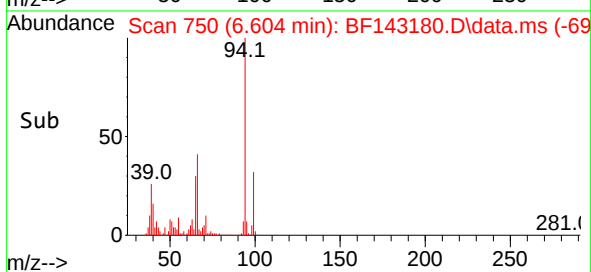
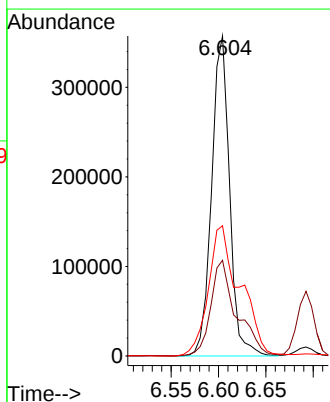
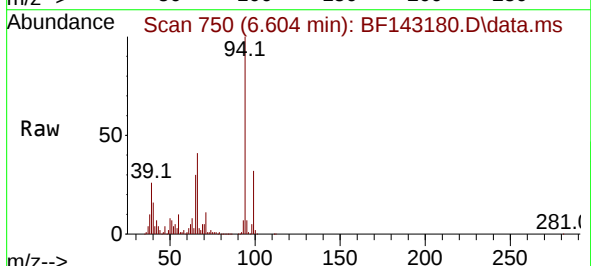
Manual Integrations
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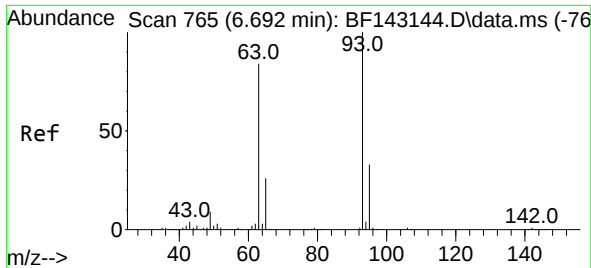
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#10
Phenol
Concen: 44.243 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 94 Resp: 470154
Ion Ratio Lower Upper
94 100
65 29.9 10.0 50.0
66 40.7 20.8 60.8





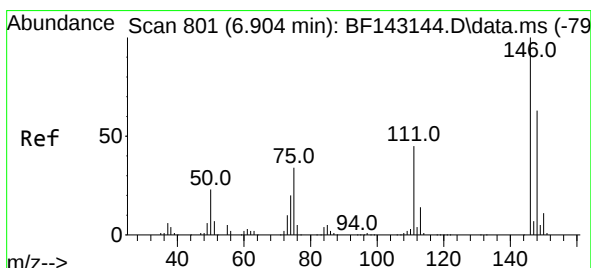
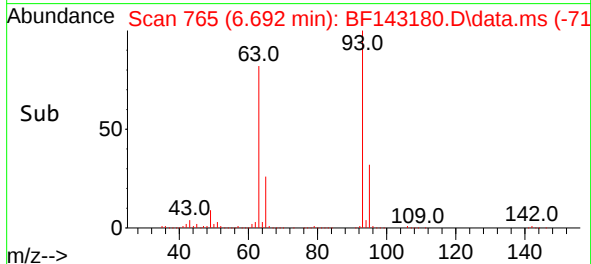
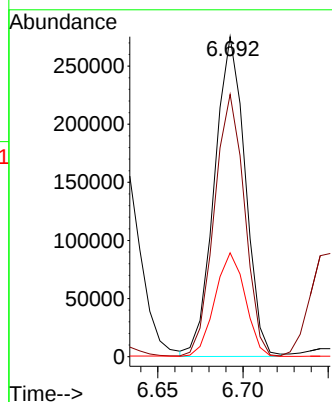
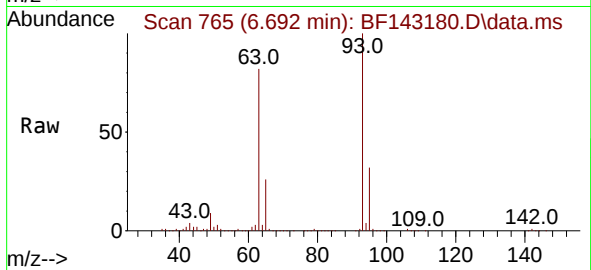
#11
bis(2-Chloroethyl)ether
Concen: 42.516 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 93 Resp: 345925
Ion Ratio Lower Upper
93 100
63 81.9 63.4 103.4
95 32.5 12.4 52.4

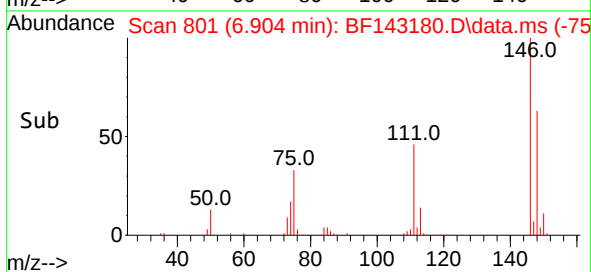
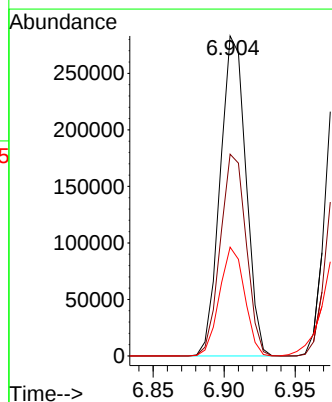
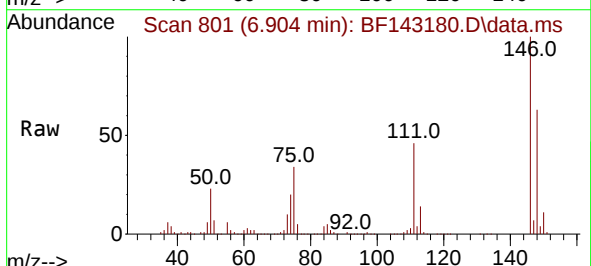
Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#12
1,3-Dichlorobenzene
Concen: 40.438 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

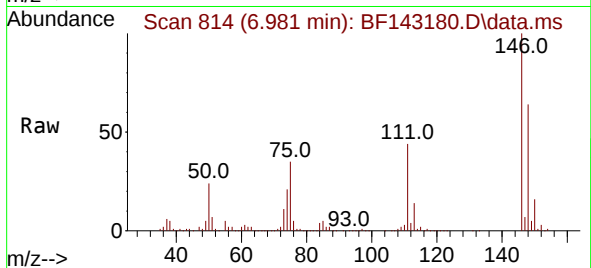
Tgt Ion:146 Resp: 356842
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
75 34.0 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

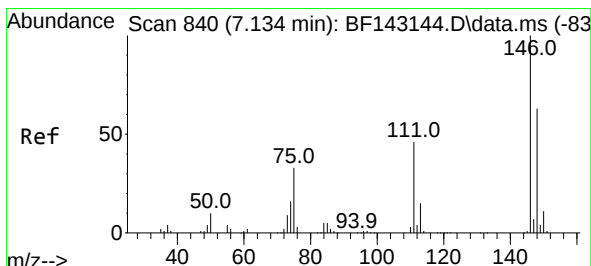
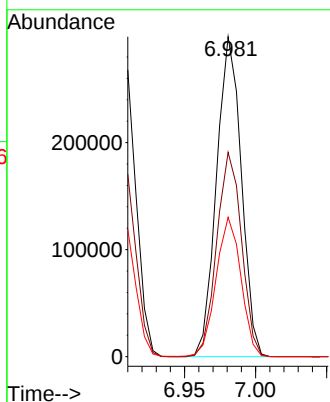
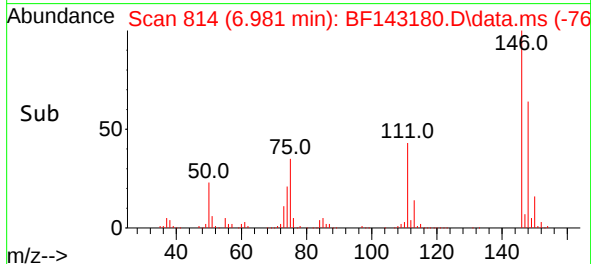
Instrument :
BNA_F
ClientSampleId :
RT2286MS



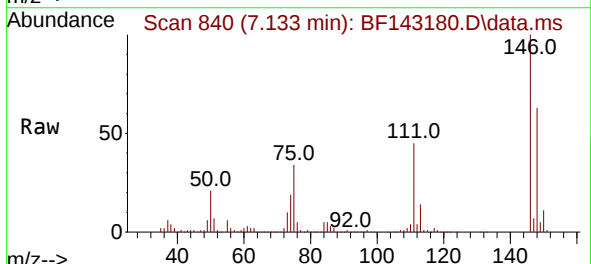
Tgt Ion:146 Resp: 362700
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 43.6 34.4 51.6

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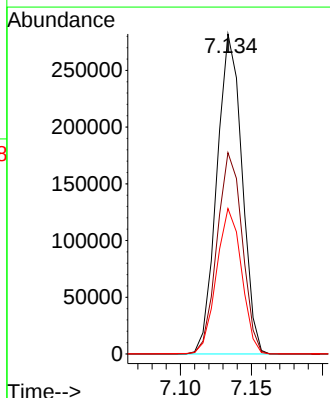
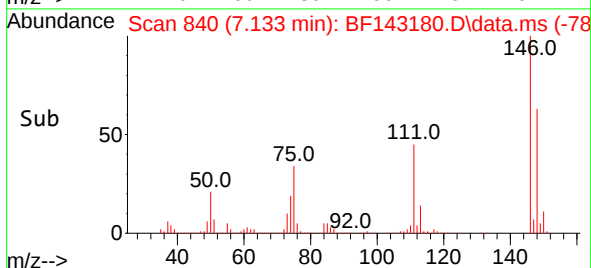
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

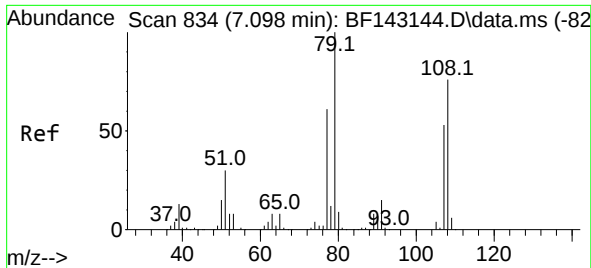


#14
1,2-Dichlorobenzene
Concen: 41.109 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



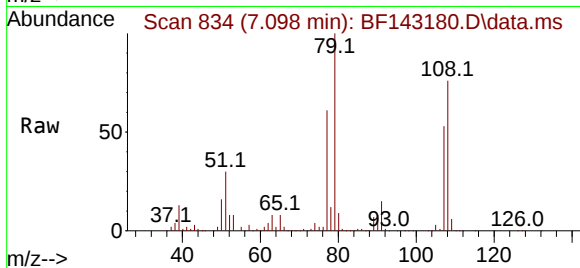
Tgt Ion:146 Resp: 347469
Ion Ratio Lower Upper
146 100
148 62.9 50.7 76.1
111 45.5 36.6 54.8





#15
Benzyl Alcohol
Concen: 44.474 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

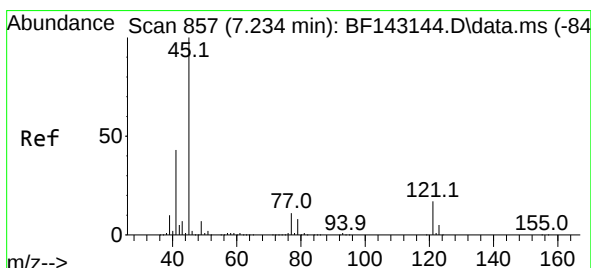
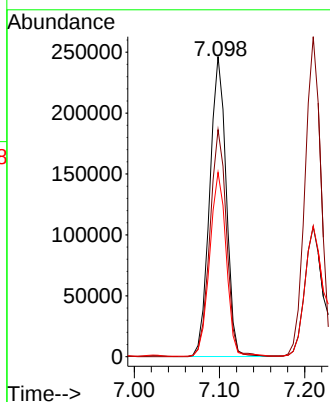
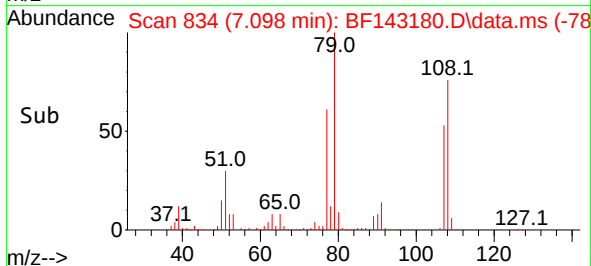
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion: 79 Resp: 331244
Ion Ratio Lower Upper
79 100
108 75.6 61.1 91.7
77 61.4 48.9 73.3

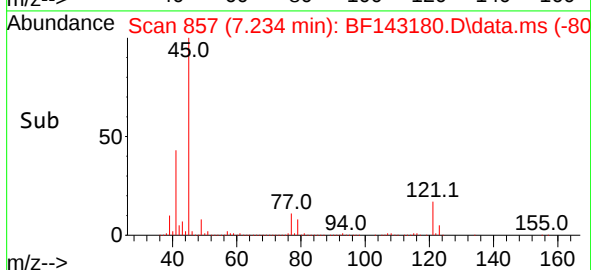
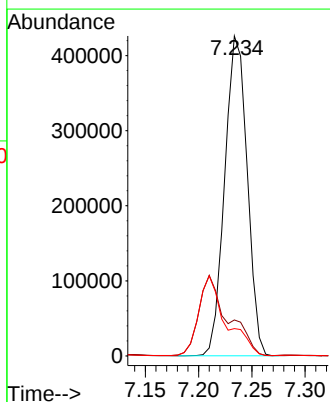
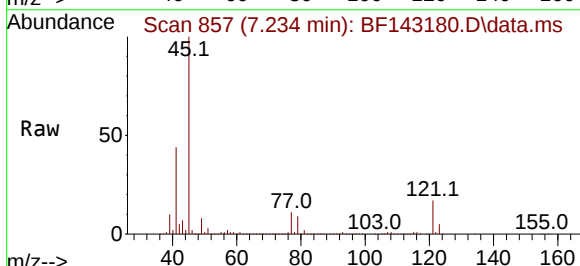
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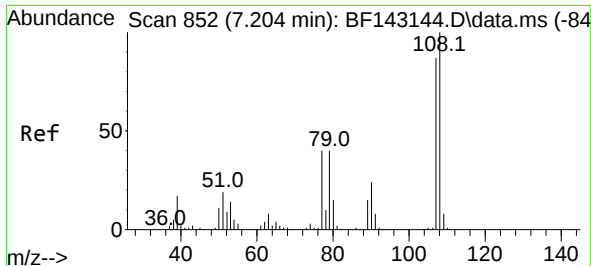
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.381 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

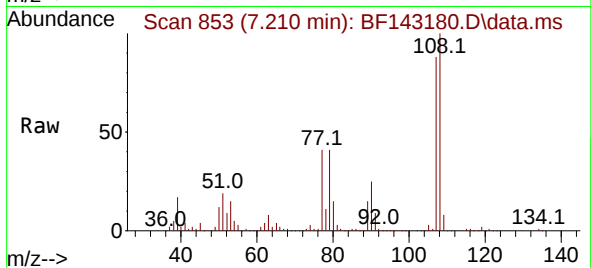
Tgt Ion: 45 Resp: 624571
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 43.562 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

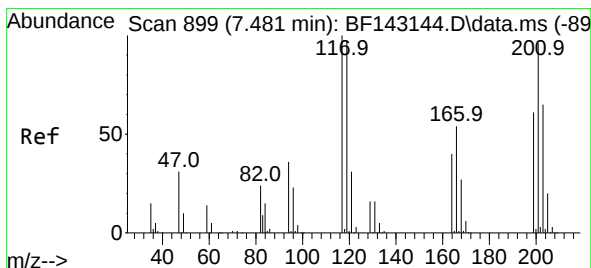
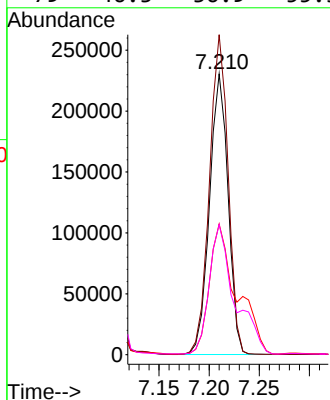
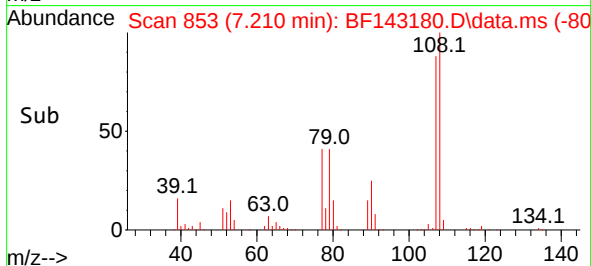
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:107 Resp: 297538
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 46.6 37.0 55.6
79 46.3 36.9 55.3

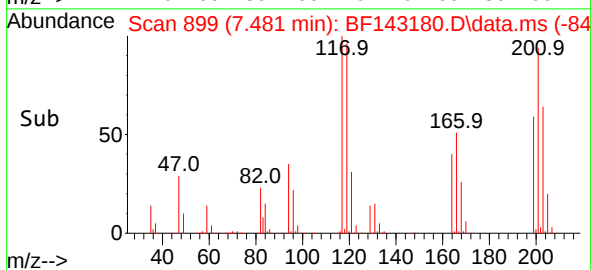
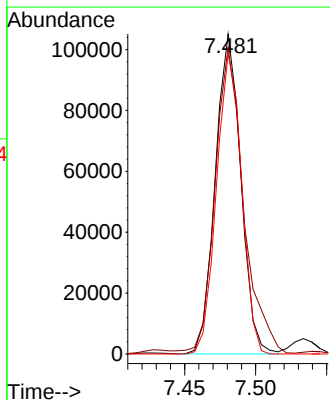
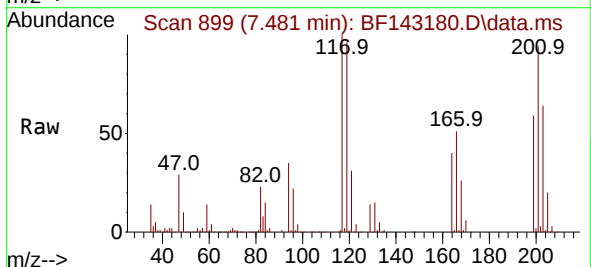
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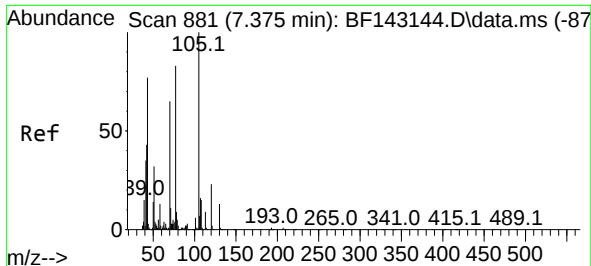
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#18
Hexachloroethane
Concen: 42.743 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:117 Resp: 131497
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 94.0 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.072 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

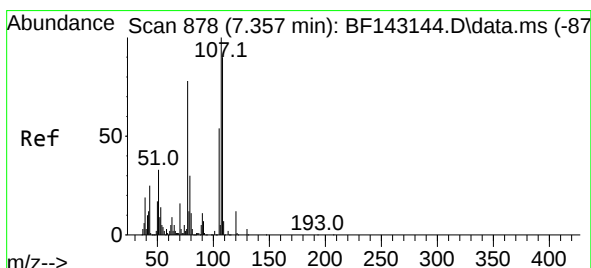
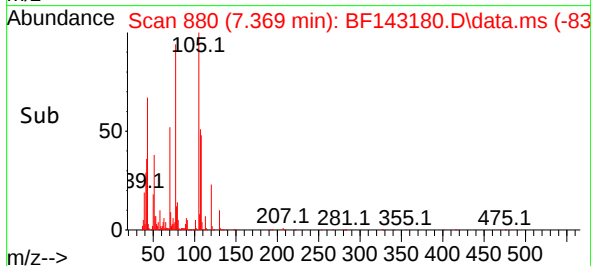
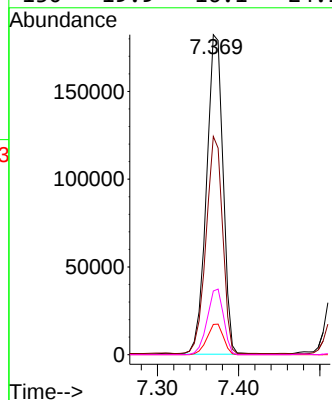
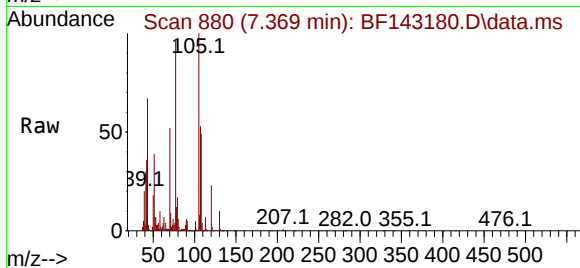
Tgt Ion: 70 Resp: 257035
Ion Ratio Lower Upper
70 100
42 68.2 52.5 78.7
101 9.5 7.6 11.4
130 19.9 16.1 24.1

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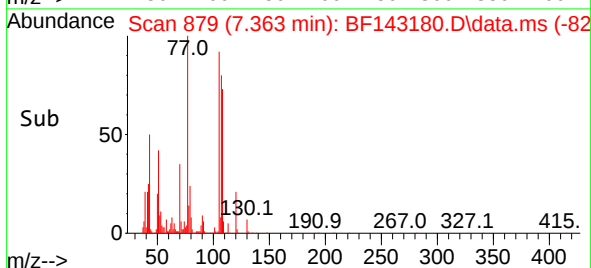
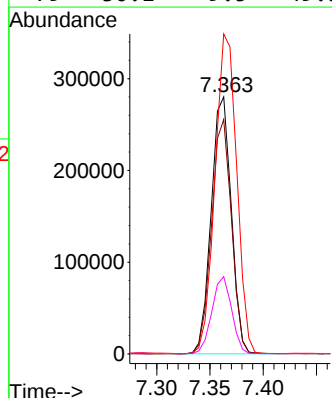
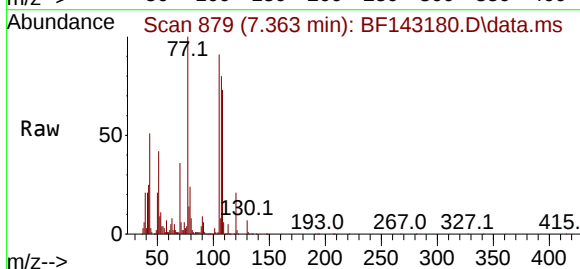
Reviewed By :Rahul Chavli 07/23/2025

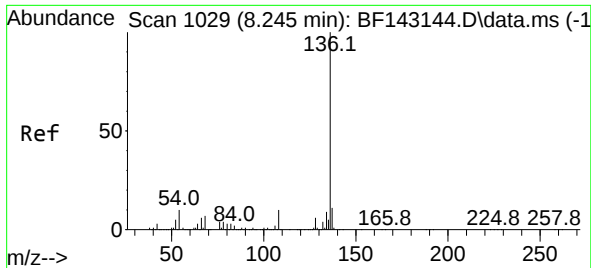
Supervised By :Jagrut Upadhyay 07/23/2025



#20
3+4-Methylphenols
Concen: 44.321 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

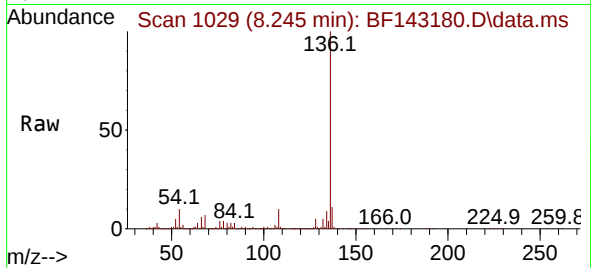
Tgt Ion:107 Resp: 367283
Ion Ratio Lower Upper
107 100
108 91.2 70.0 110.0
77 124.5 57.8 97.8#
79 30.1 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

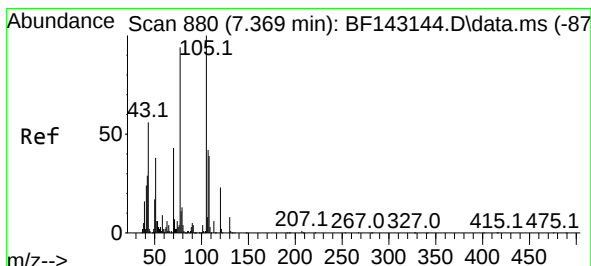
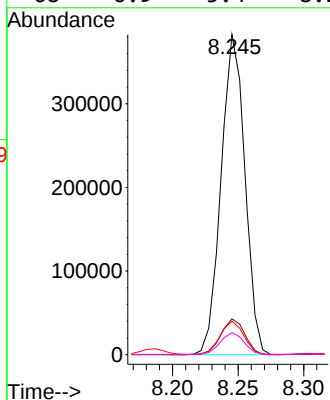
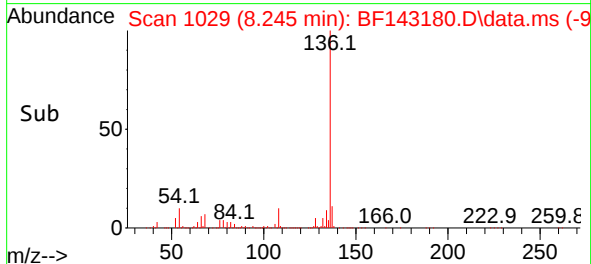


Tgt Ion:136 Resp: 483164

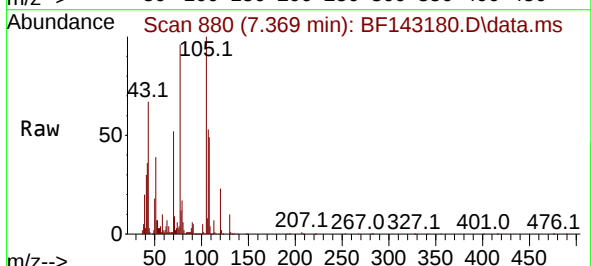
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.4	8.2	12.2
68	6.9	5.4	8.2

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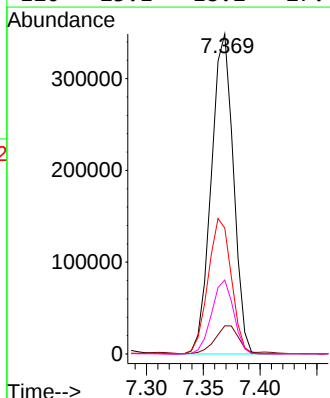
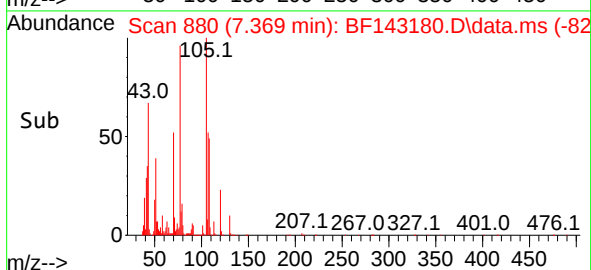


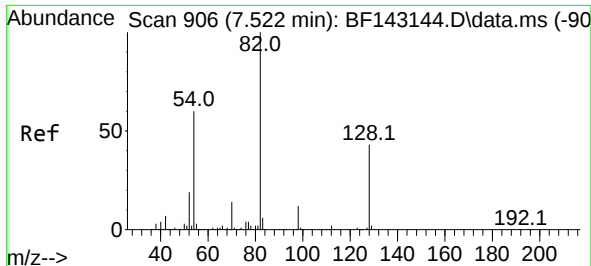
#22
Acetophenone
Concen: 41.385 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



Tgt Ion:105 Resp: 473405

Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.8	8.6
51	39.4	30.2	45.2
120	23.1	18.2	27.4





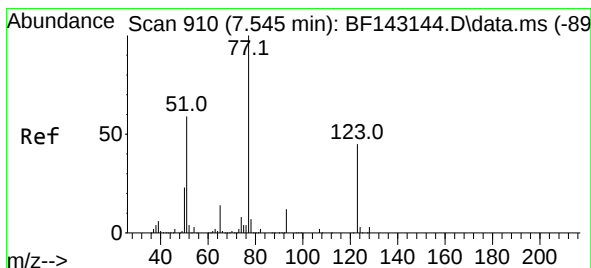
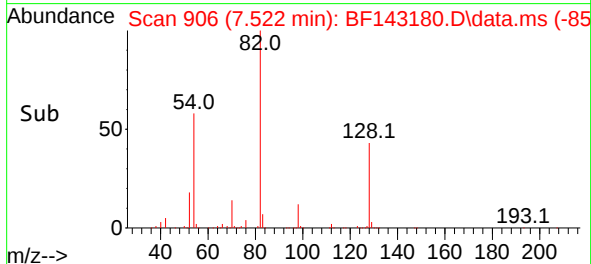
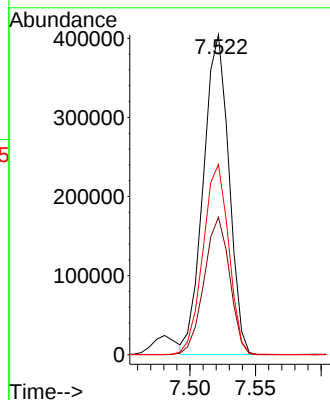
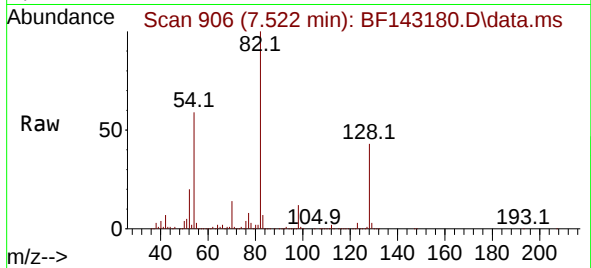
#23
Nitrobenzene-d5
Concen: 56.483 ng
RT: 7.522 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 547489
Ion Ratio Lower Upper
82 100
128 42.9 33.6 50.4
54 59.5 47.1 70.7

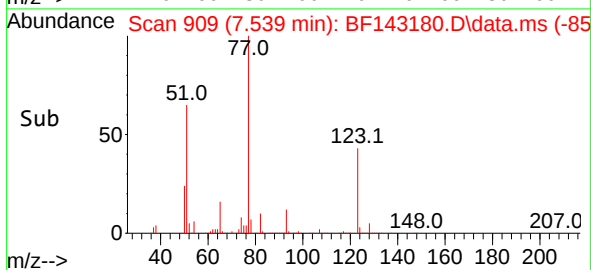
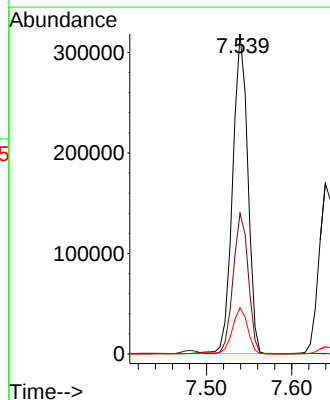
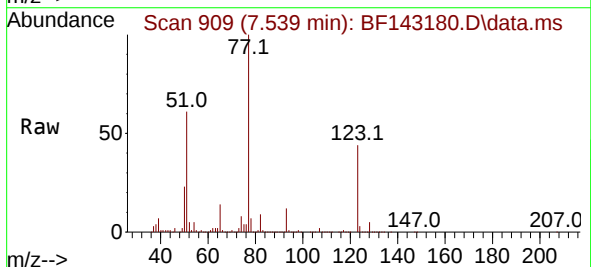
Manual Integrations
APPROVED

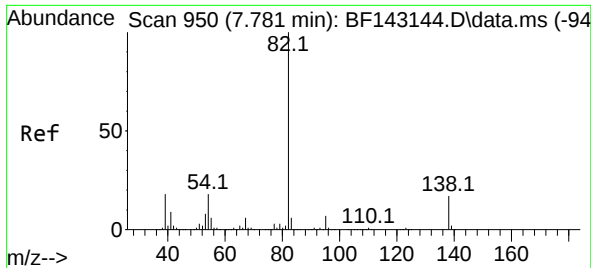
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#24
Nitrobenzene
Concen: 43.571 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion: 77 Resp: 393741
Ion Ratio Lower Upper
77 100
123 44.0 36.1 54.1
65 14.4 11.4 17.2





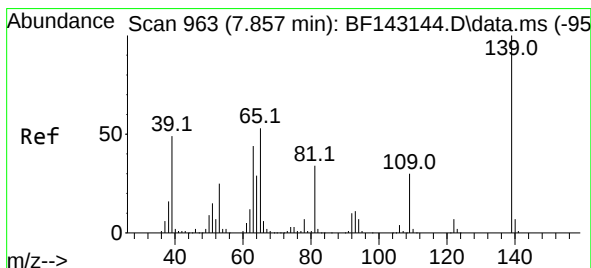
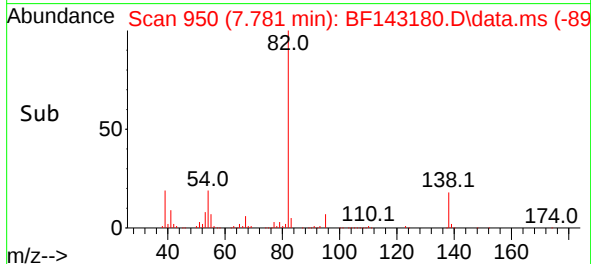
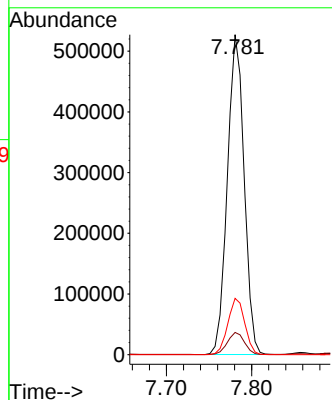
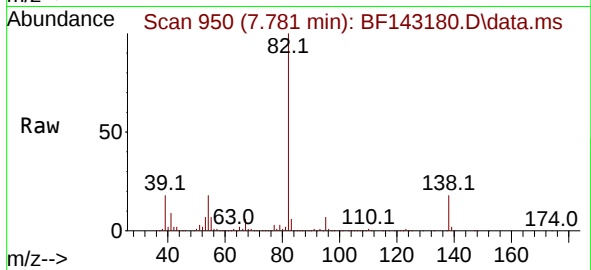
#25
Isophorone
Concen: 42.240 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion: 82 Resp: 722769
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 13.8 20.8

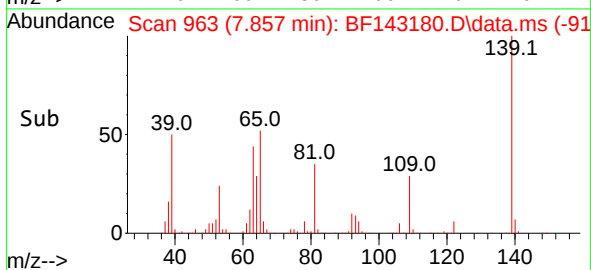
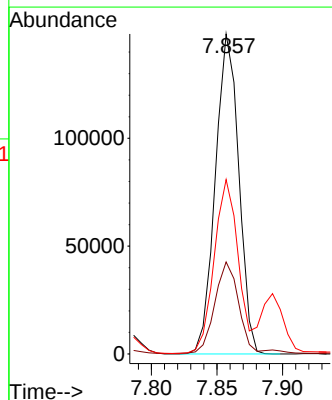
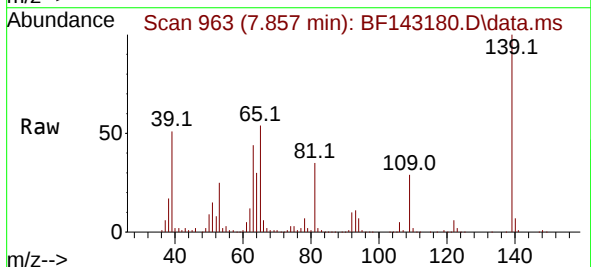
Manual Integrations
APPROVED

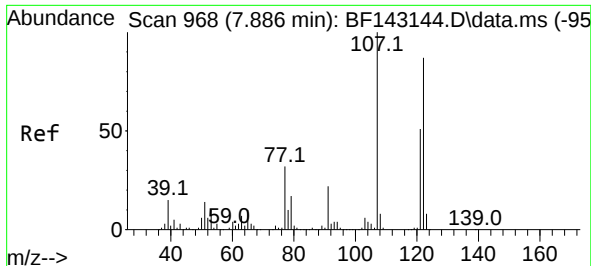
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#26
2-Nitrophenol
Concen: 47.015 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:139 Resp: 184391
Ion Ratio Lower Upper
139 100
109 28.7 23.6 35.4
65 54.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 42.048 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

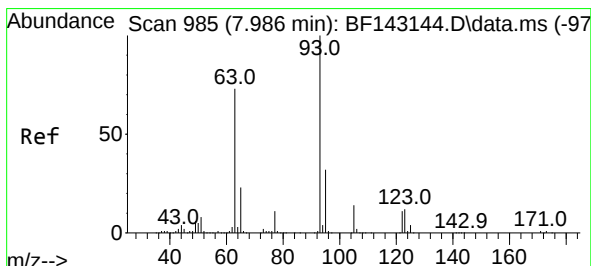
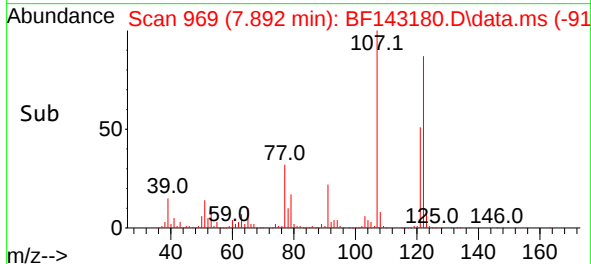
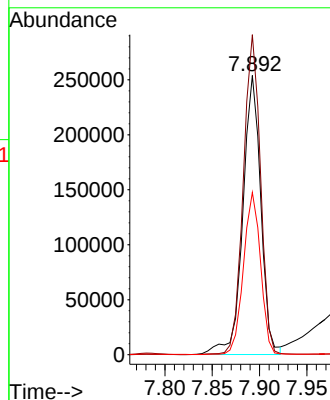
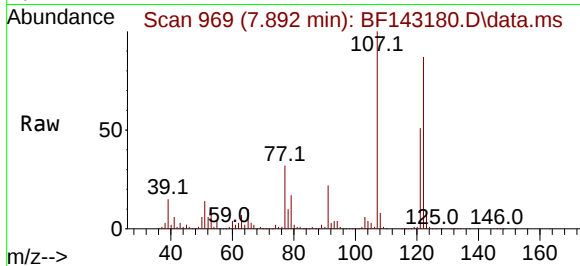
Tgt Ion:122 Resp: 33615
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.8 137.6
 121 58.1 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.383 ng

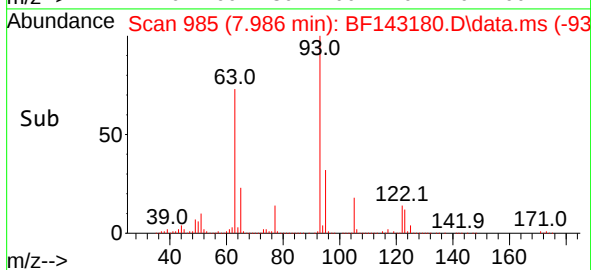
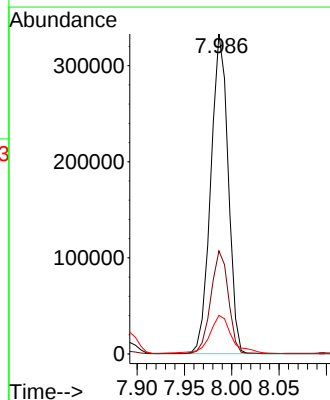
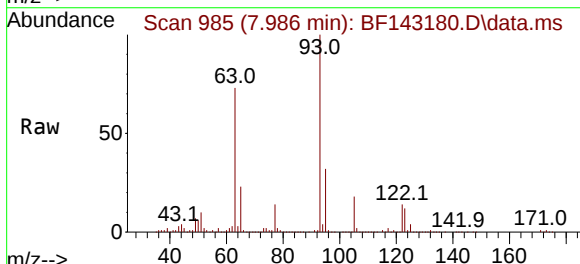
RT: 7.986 min Scan# 985

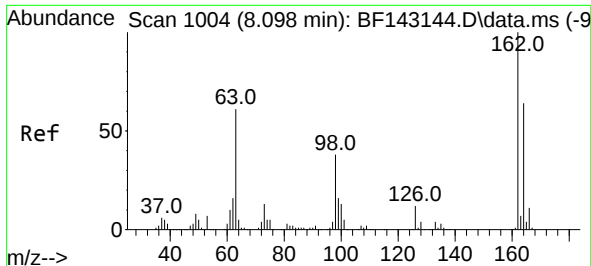
Delta R.T. -0.000 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion: 93 Resp: 424559
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.6
 123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.850 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143180.D

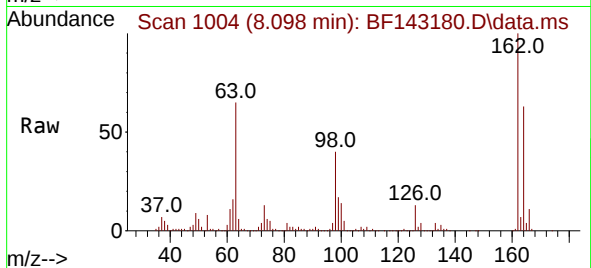
Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS



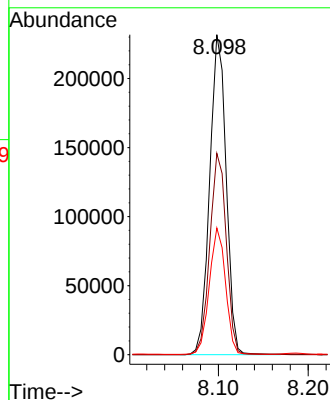
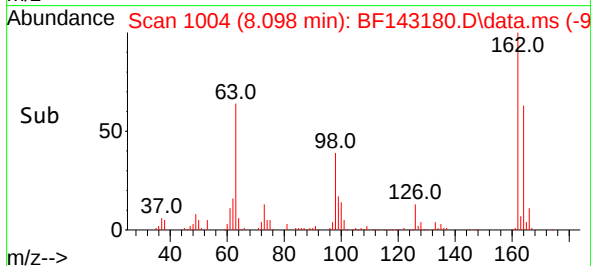
Tgt Ion:162	Resp: 295634
Ion Ratio	Lower Upper
162 100	
164 62.9	44.2 84.2
98 39.6	17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.233 ng

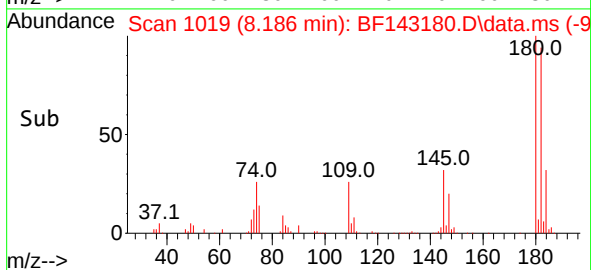
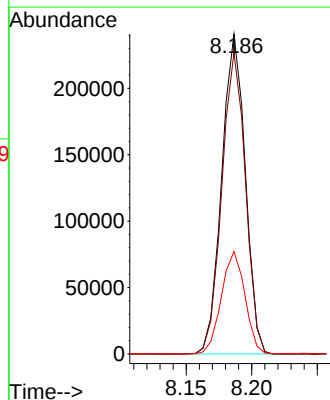
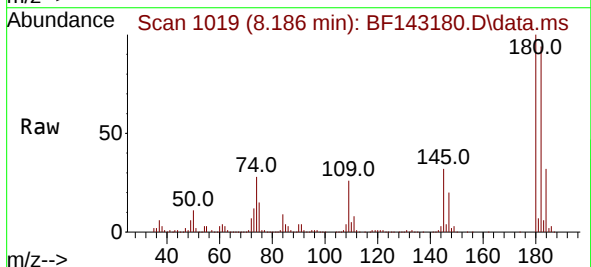
RT: 8.186 min Scan# 1019

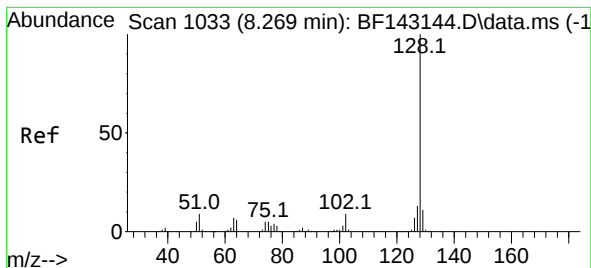
Delta R.T. -0.000 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

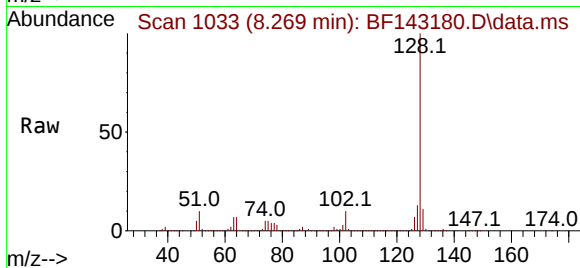
Tgt Ion:180	Resp: 300326
Ion Ratio	Lower Upper
180 100	
182 94.2	76.2 114.2
145 32.0	25.0 37.6





#31
Naphthalene
Concen: 43.865 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

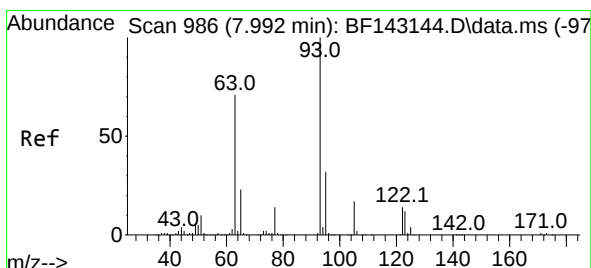
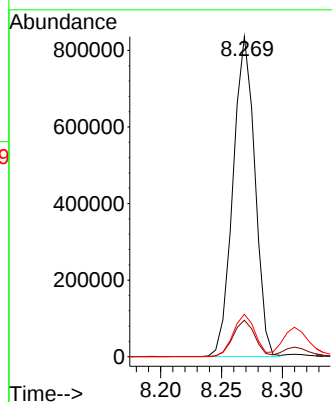
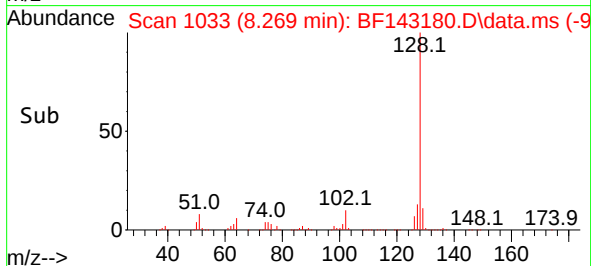
Instrument :
BNA_F
ClientSampleId :
RT2286MS



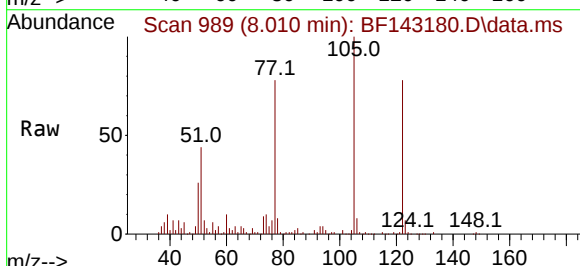
Tgt Ion:128 Resp: 1043768
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations
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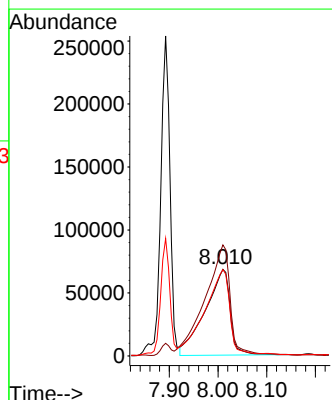
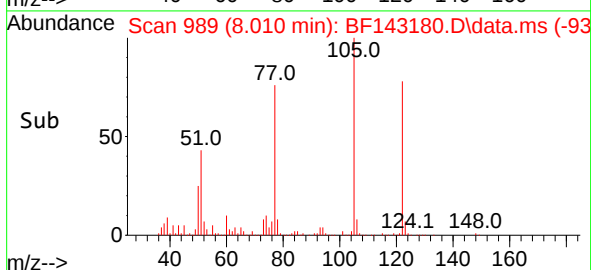
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

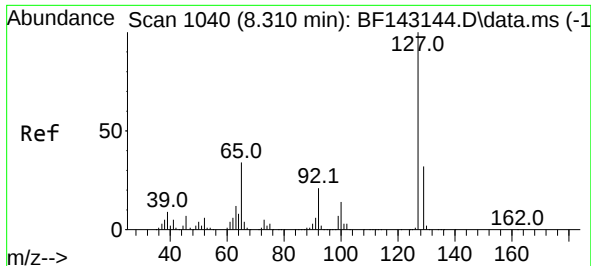


#32
Benzoic acid
Concen: 53.176 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



Tgt Ion:122 Resp: 242290
Ion Ratio Lower Upper
122 100
105 128.2 104.8 144.8
77 99.9 77.6 117.6





#33

4-Chloroaniline

Concen: 11.929 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

Tgt Ion:127 Resp: 11590

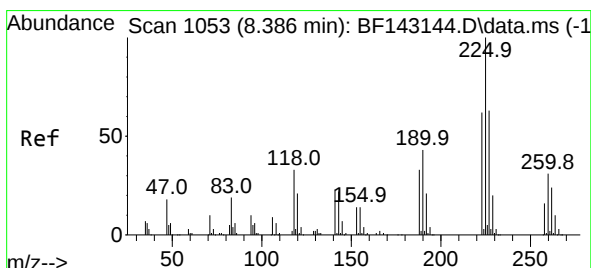
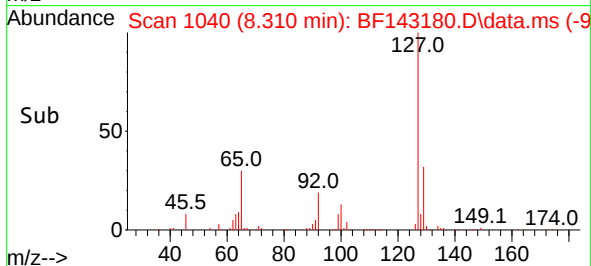
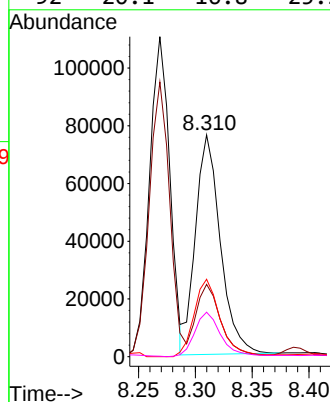
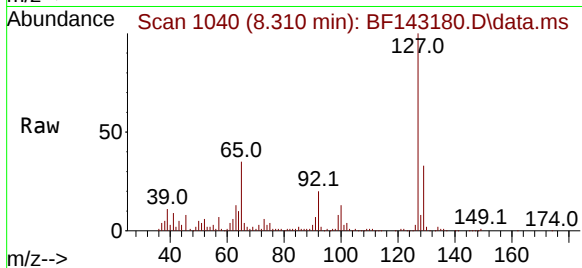
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	34.9	27.4	41.2
92	20.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#34

Hexachlorobutadiene

Concen: 40.506 ng

RT: 8.392 min Scan# 1054

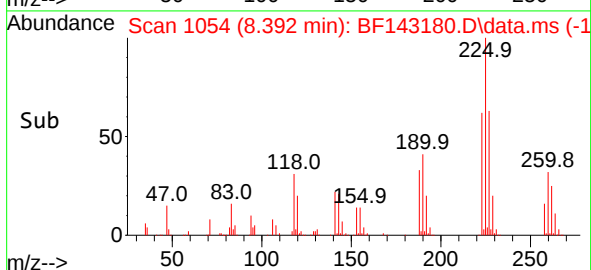
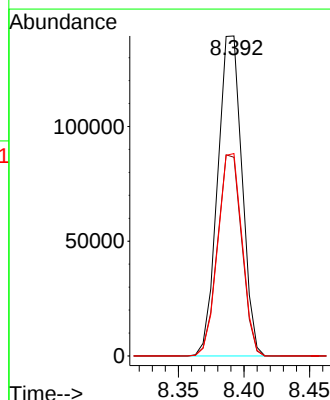
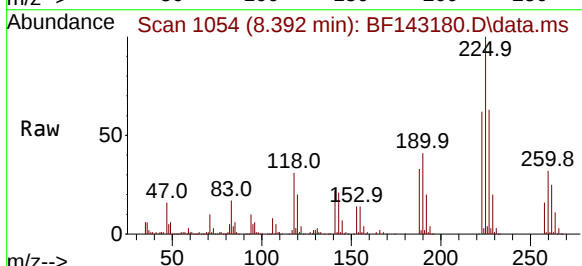
Delta R.T. 0.006 min

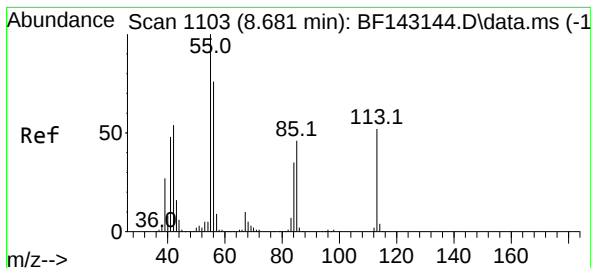
Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion:225 Resp: 180230

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.6
227	63.3	50.2	75.4





#35

Caprolactam

Concen: 54.796 ng

RT: 8.680 min Scan# 1103

Delta R.T. -0.000 min

Lab File: BF143180.D

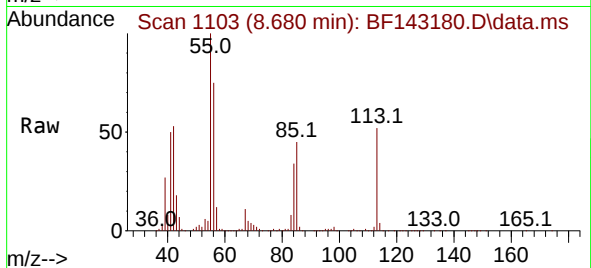
Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS



Tgt Ion:113 Resp: 11163

Ion Ratio Lower Upper

113 100

55 193.9 174.0 214.0

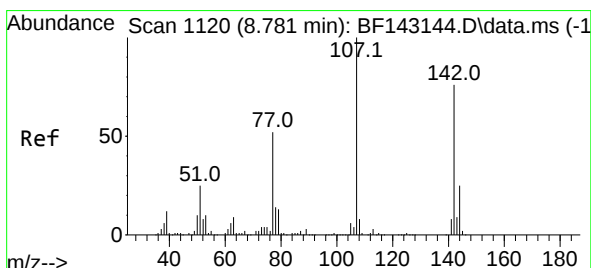
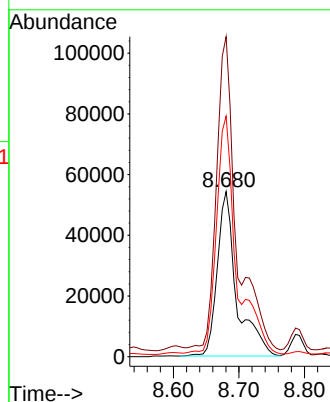
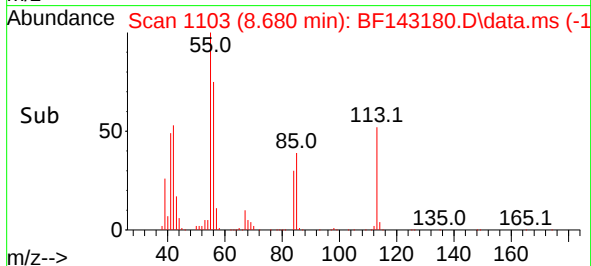
56 145.7 126.6 166.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#36

4-Chloro-3-methylphenol

Concen: 46.079 ng

RT: 8.786 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

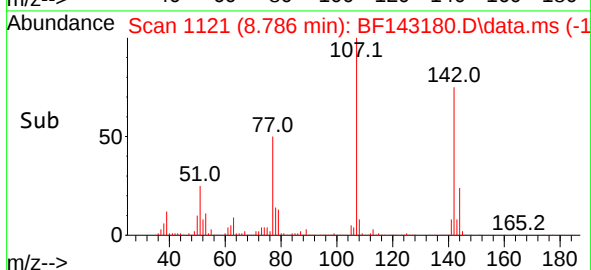
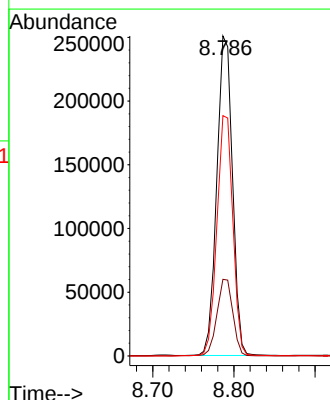
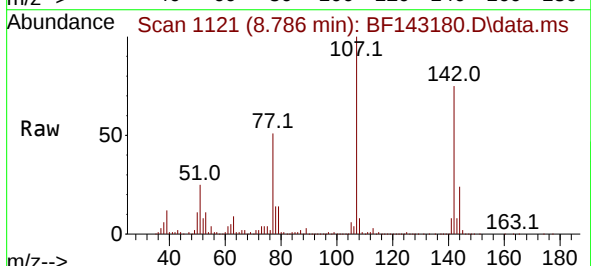
Tgt Ion:107 Resp: 337664

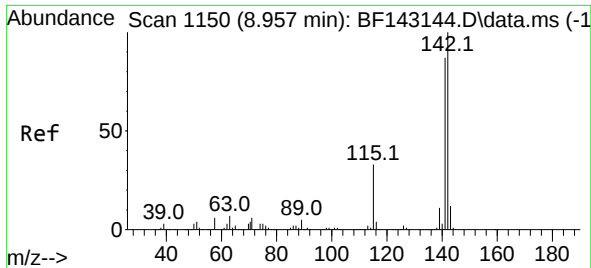
Ion Ratio Lower Upper

107 100

144 23.9 19.8 29.6

142 75.1 60.6 90.8





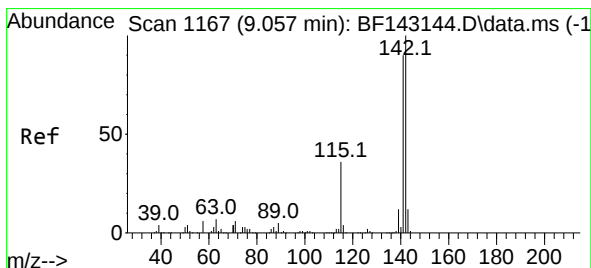
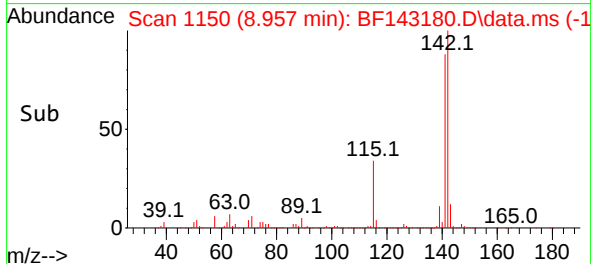
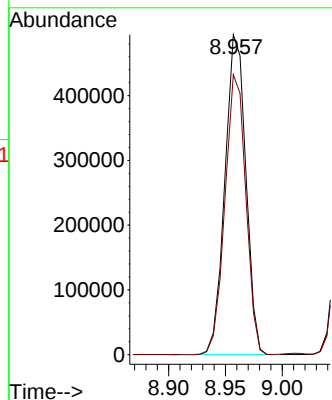
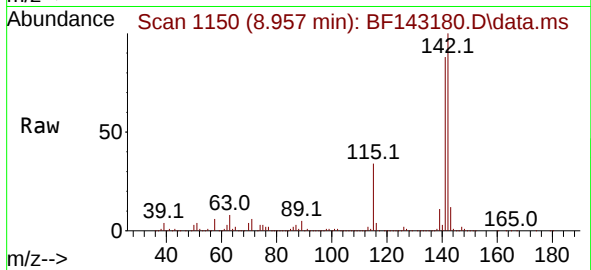
#37
2-Methylnaphthalene
Concen: 43.689 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:142 Resp: 632600
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

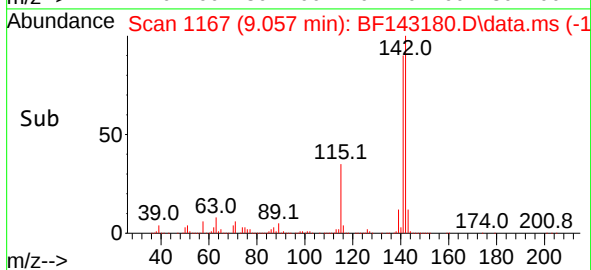
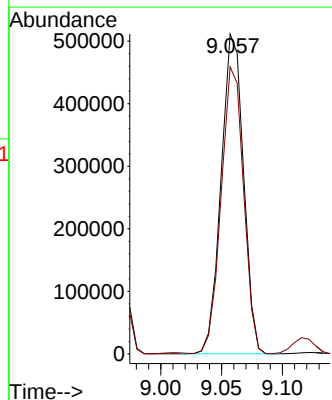
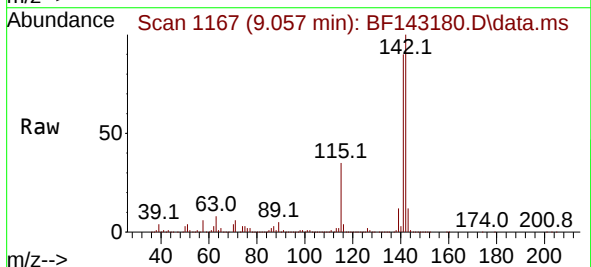
Manual Integrations
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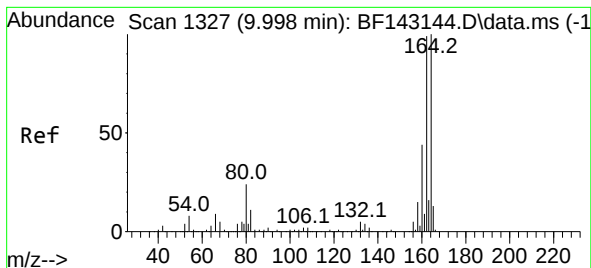
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:142 Resp: 654760
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

Tgt Ion:164 Resp: 258898

Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.6

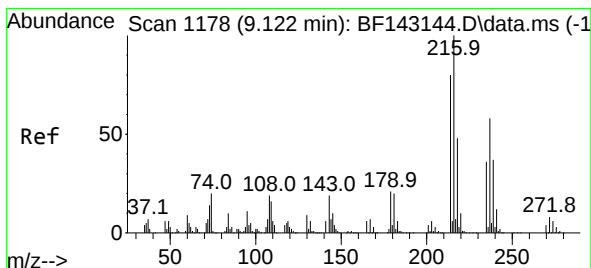
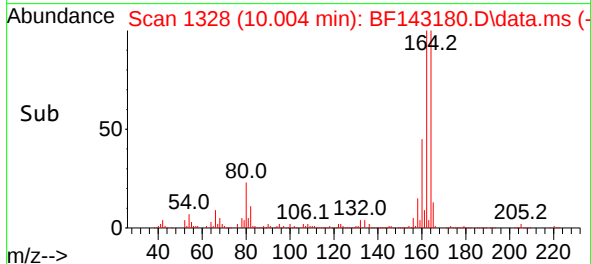
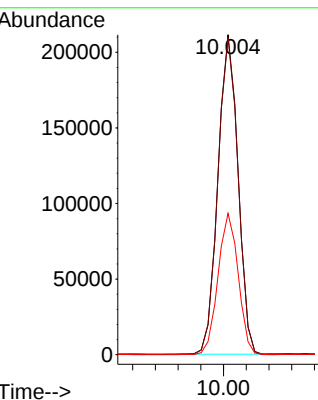
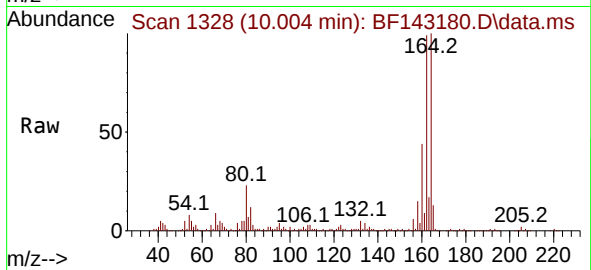
160 44.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.101 ng

RT: 9.127 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion:216 Resp: 307216

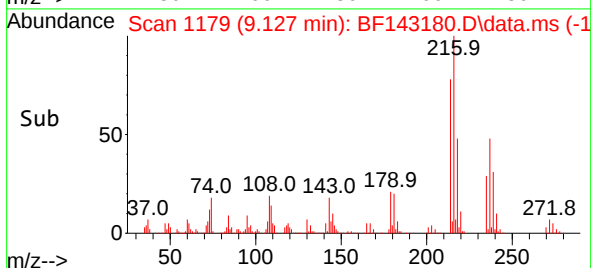
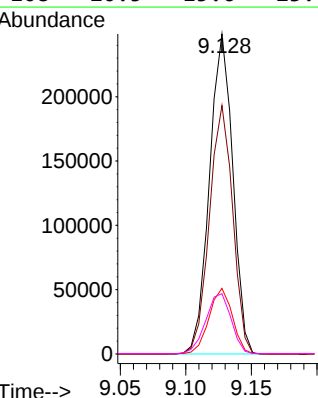
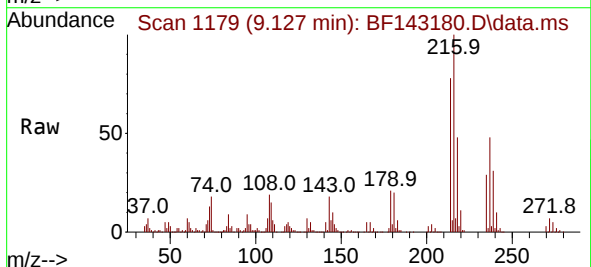
Ion Ratio Lower Upper

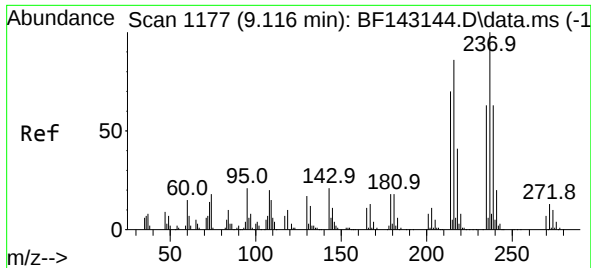
216 100

214 77.5 63.8 95.8

179 20.6 16.4 24.6

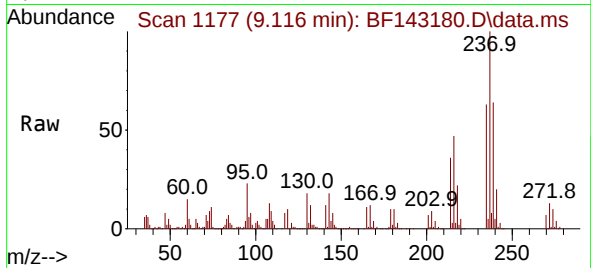
108 20.5 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 55.342 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

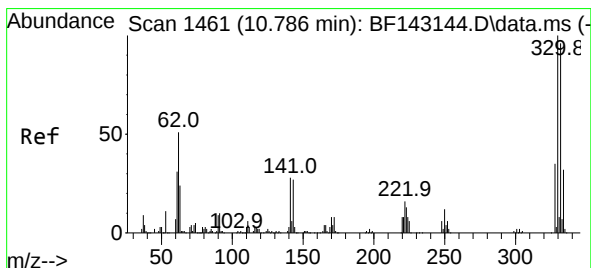
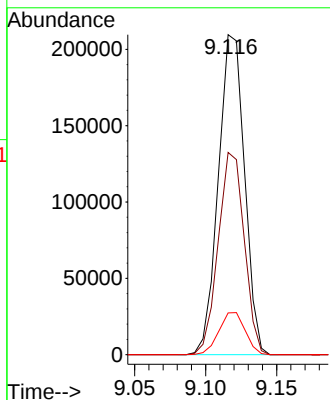
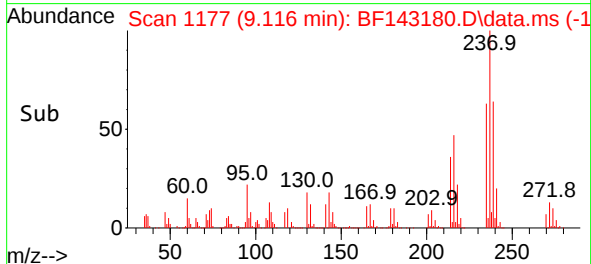
Instrument :
BNA_F
ClientSampleId :
RT2286MS



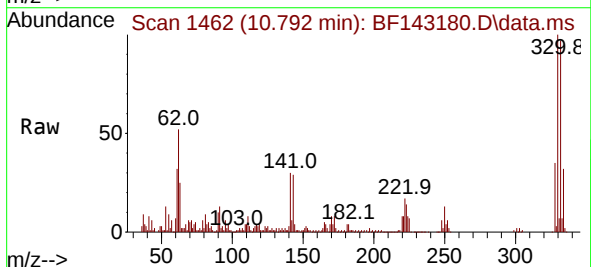
Tgt Ion:237 Resp: 269158
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 13.1 0.0 33.3

Manual Integrations
APPROVED

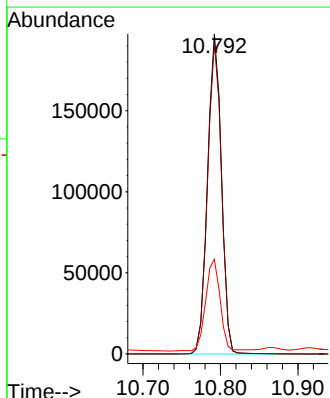
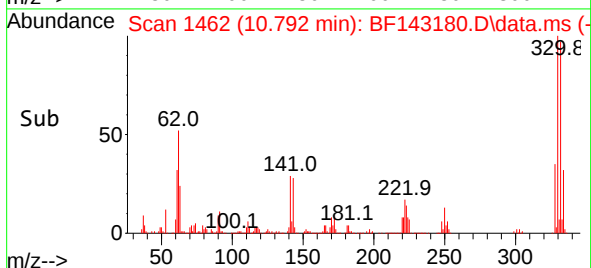
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#42
2,4,6-Tribromophenol
Concen: 91.952 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



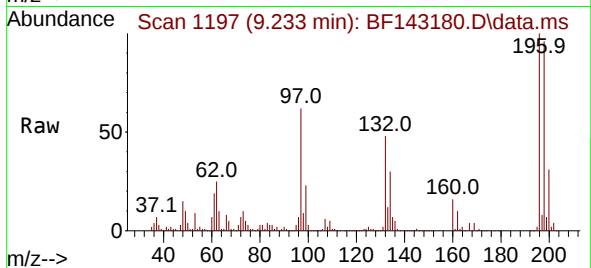
Tgt Ion:330 Resp: 245931
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 29.7 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 43.631 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

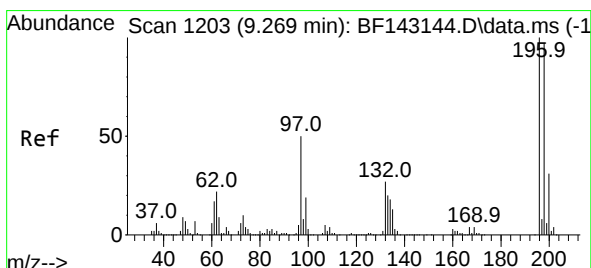
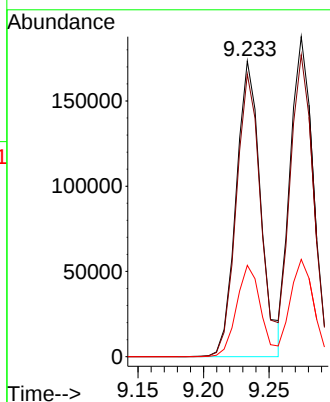
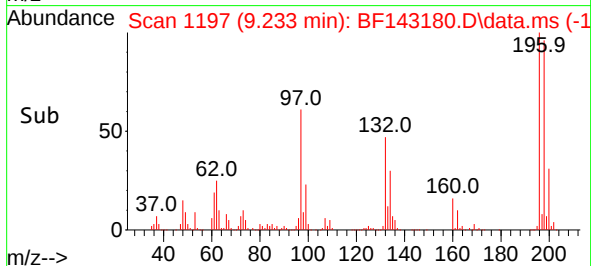
Instrument :
BNA_F
ClientSampleId :
RT2286MS



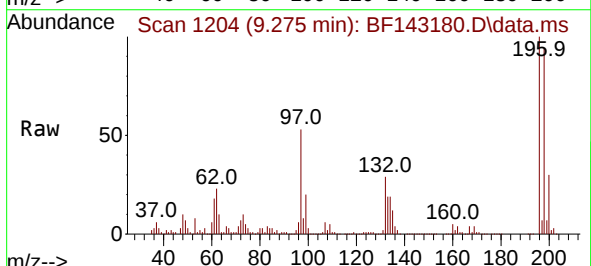
Tgt Ion:196 Resp: 225700
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.9 23.9 35.9

Manual Integrations
APPROVED

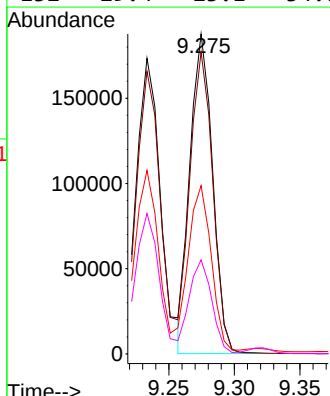
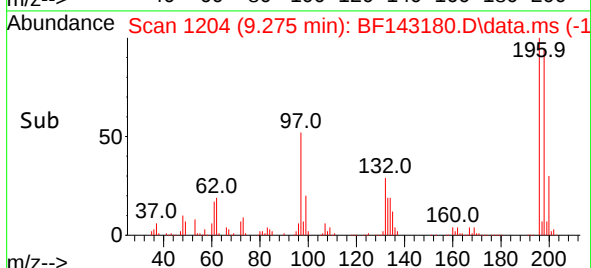
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

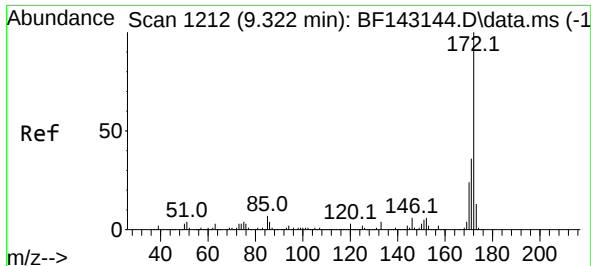


#44
2,4,5-Trichlorophenol
Concen: 43.678 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



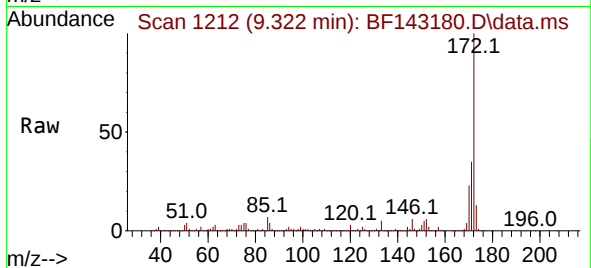
Tgt Ion:196 Resp: 226021
Ion Ratio Lower Upper
196 100
198 94.3 77.3 115.9
97 52.6 40.3 60.5
132 29.4 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 51.991 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

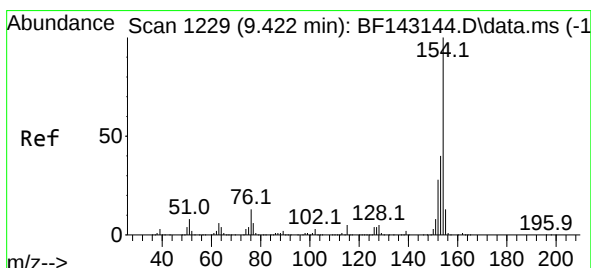
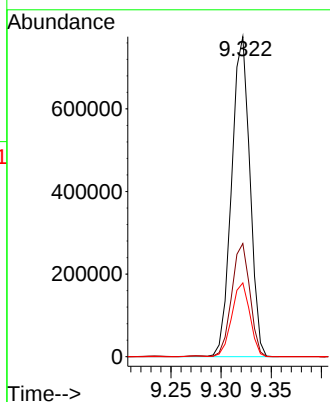
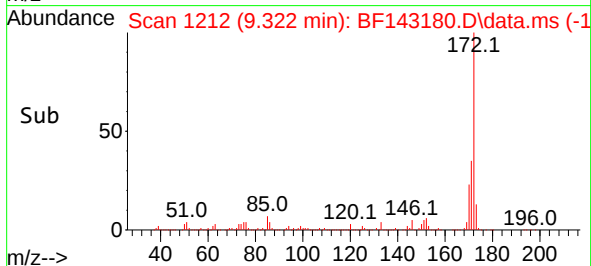
Instrument :
BNA_F
ClientSampleId :
RT2286MS



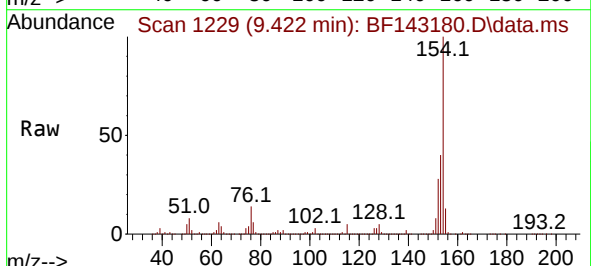
Tgt Ion:172 Resp: 98422
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.0 18.8 28.2

Manual Integrations
APPROVED

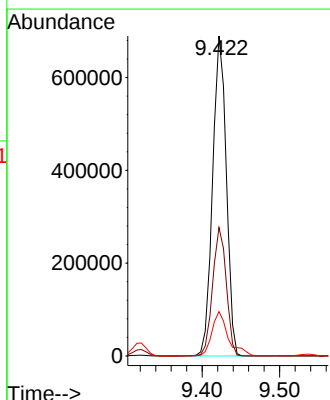
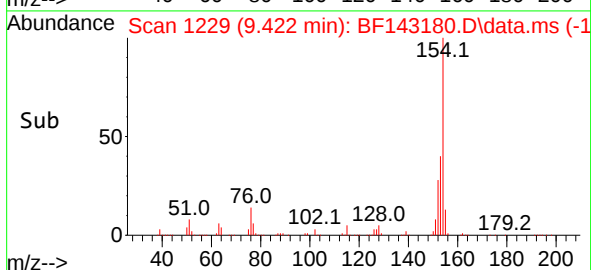
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

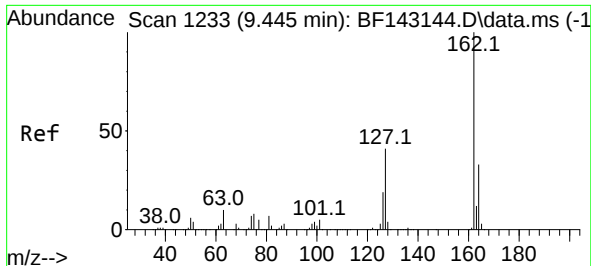


#46
1,1'-Biphenyl
Concen: 41.871 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



Tgt Ion:154 Resp: 845751
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.652 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

Tgt Ion:162 Resp: 622529

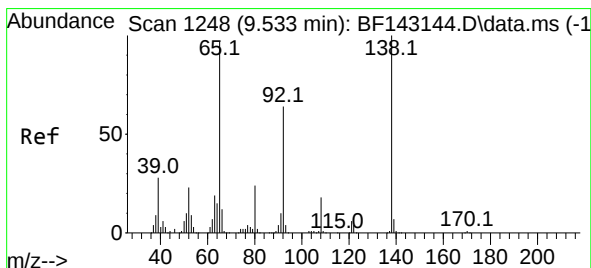
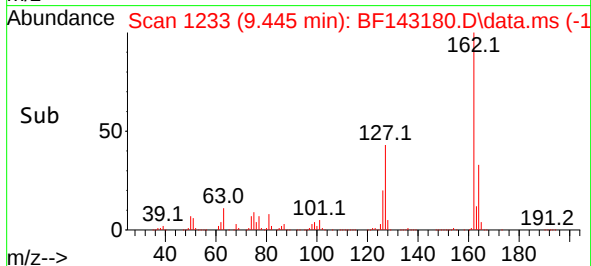
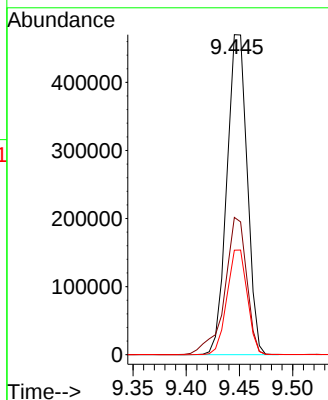
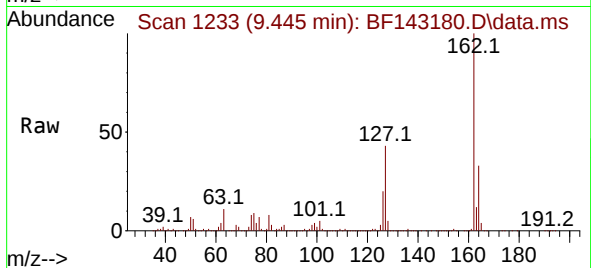
Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.4	50.2
164	32.7	26.2	39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#48

2-Nitroaniline

Concen: 48.685 ng

RT: 9.533 min Scan# 1248

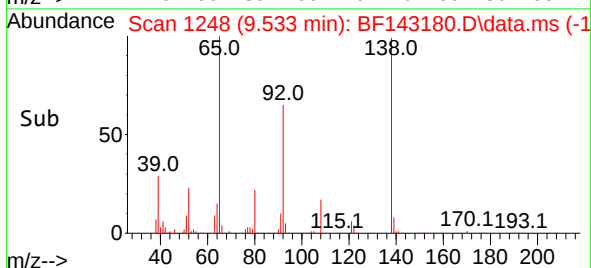
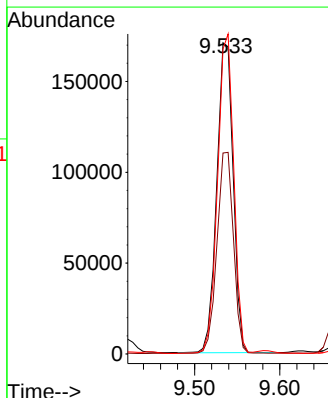
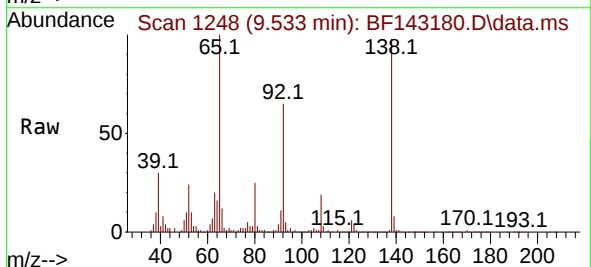
Delta R.T. -0.000 min

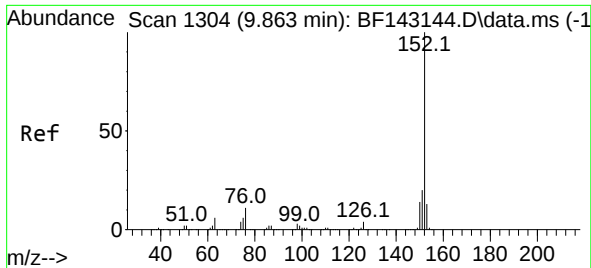
Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion: 65 Resp: 228188

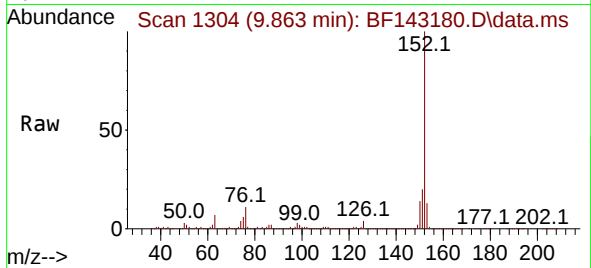
Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.4	78.6
138	98.0	82.3	123.5





#49
Acenaphthylene
Concen: 42.895 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

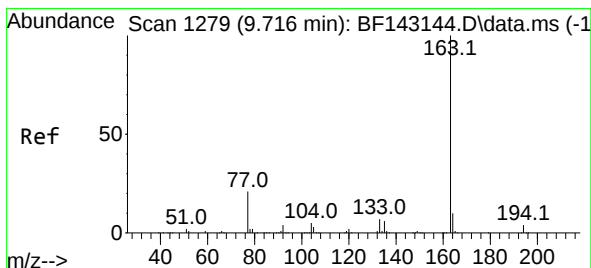
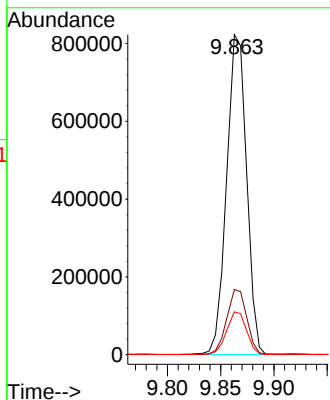
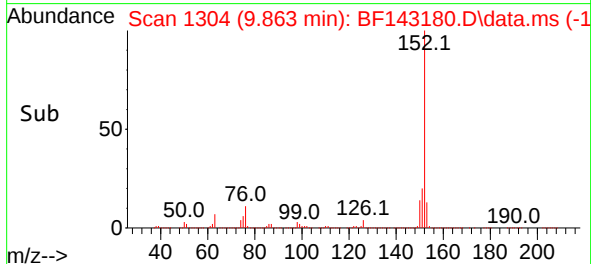
Instrument :
BNA_F
ClientSampleId :
RT2286MS



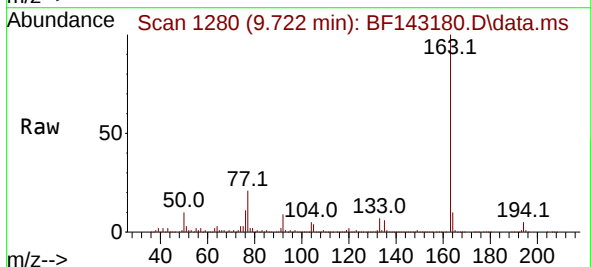
Tgt Ion:152 Resp: 1074389
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.6 16.0

Manual Integrations
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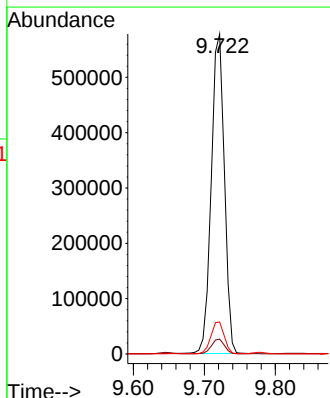
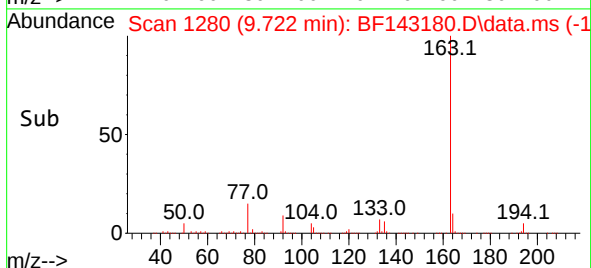
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

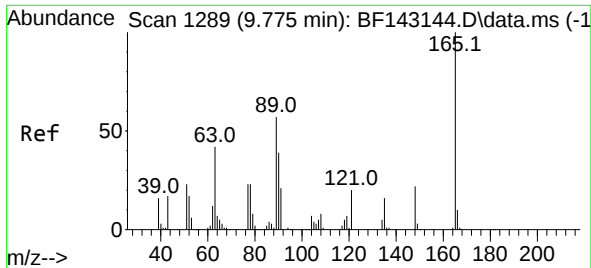


#50
Dimethylphthalate
Concen: 43.820 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



Tgt Ion:163 Resp: 739486
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.0 8.3 12.5





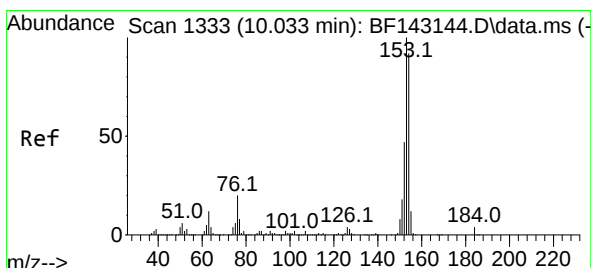
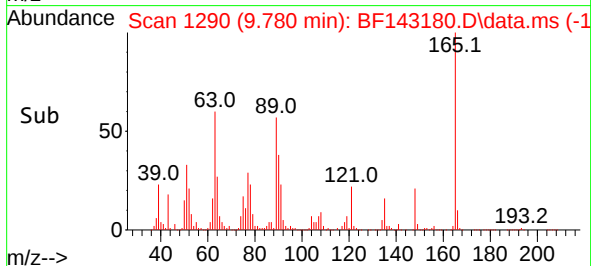
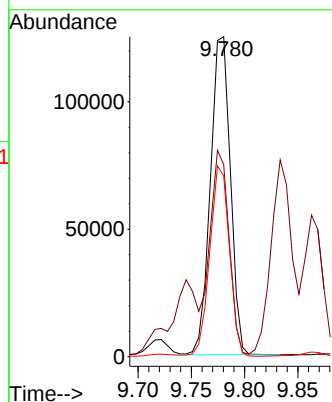
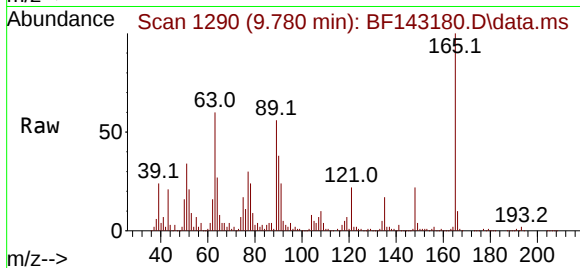
#51
2,6-Dinitrotoluene
Concen: 47.374 ng
RT: 9.780 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:165 Resp: 162630
Ion Ratio Lower Upper
165 100
63 60.0 49.4 74.2
89 56.5 46.2 69.2

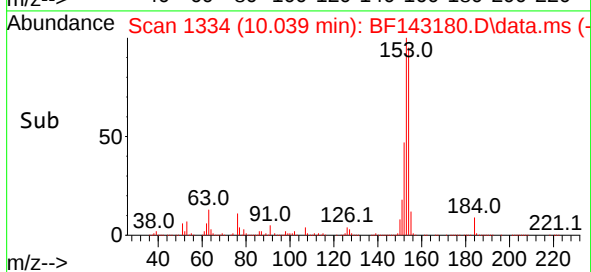
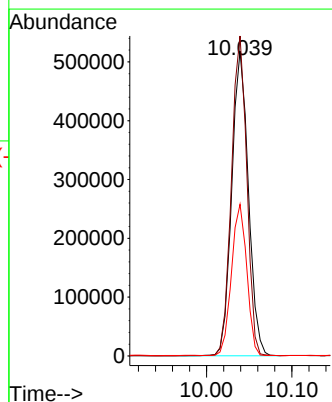
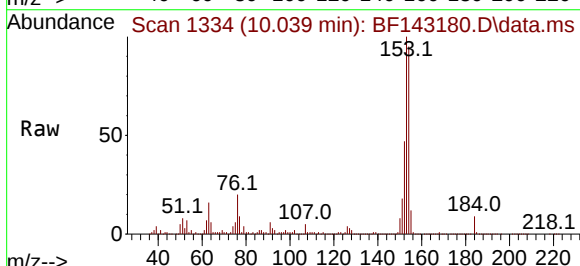
Manual Integrations
APPROVED

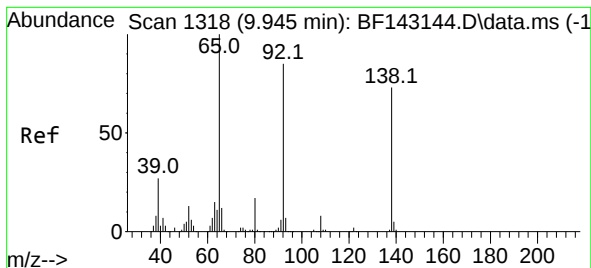
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#52
Acenaphthene
Concen: 47.447 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:154 Resp: 702409
Ion Ratio Lower Upper
154 100
153 105.0 86.6 129.8
152 49.7 40.4 60.6





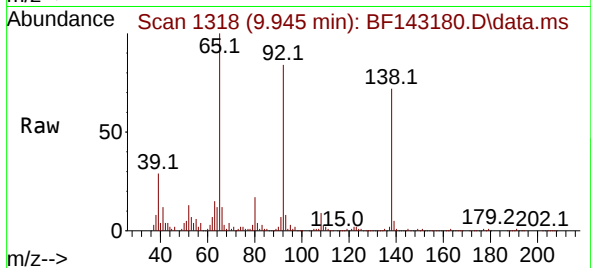
#53
3-Nitroaniline
Concen: 37.411 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS



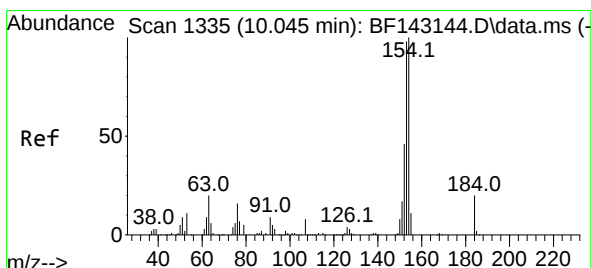
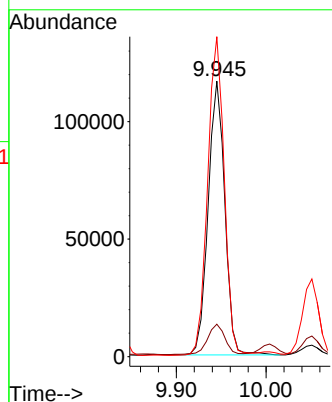
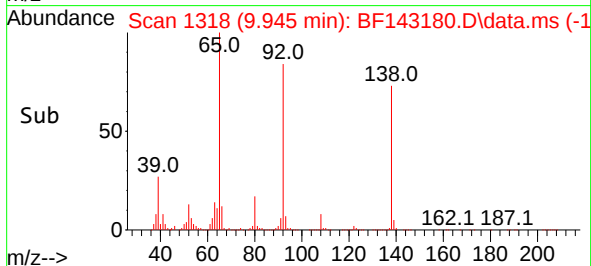
Tgt Ion:138 Resp: 15022
Ion Ratio Lower Upper
138 100
108 11.8 9.0 13.6
92 116.1 93.0 139.4

Manual Integrations

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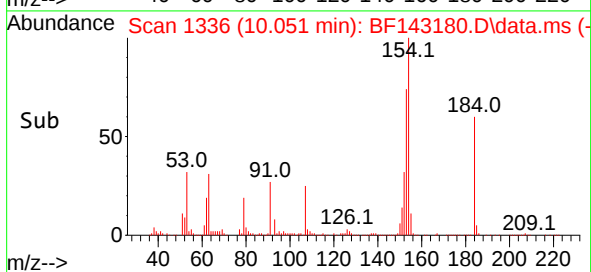
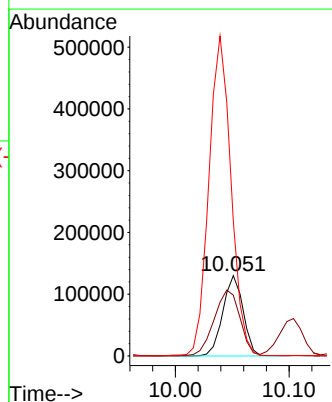
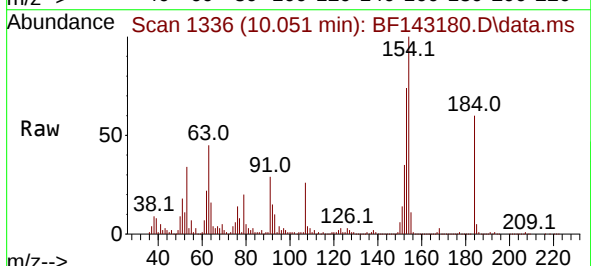
Reviewed By :Rahul Chavli 07/23/2025

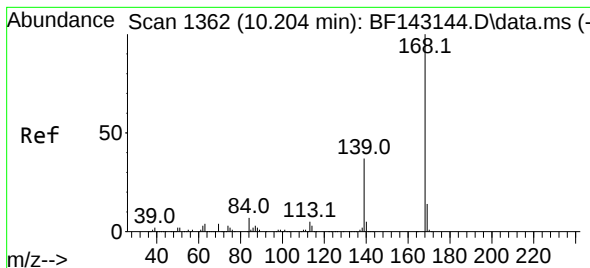
Supervised By :Jagrut Upadhyay 07/23/2025



#54
2,4-Dinitrophenol
Concen: 101.891 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

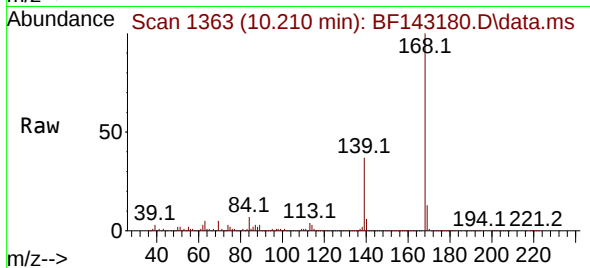
Tgt Ion:184 Resp: 161630
Ion Ratio Lower Upper
184 100
63 75.6 81.8 122.6#
154 167.8 412.2 618.4#





#55
Dibenzenofuran
Concen: 43.628 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

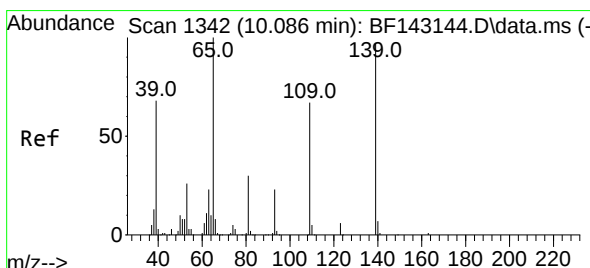
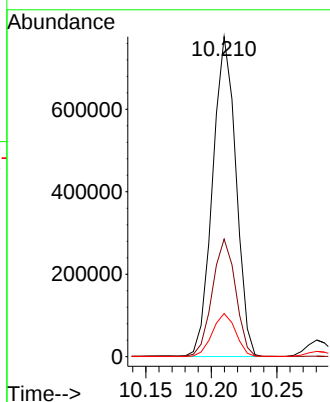
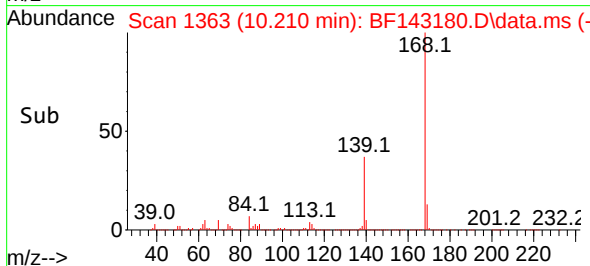
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:168 Resp: 958909
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3
169 13.5 10.9 16.3

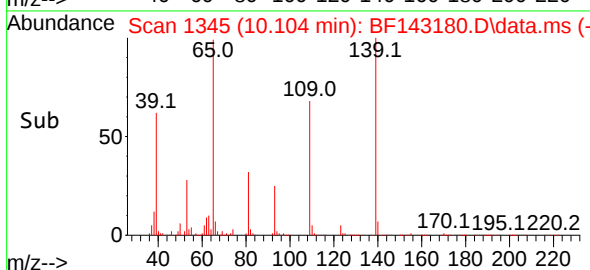
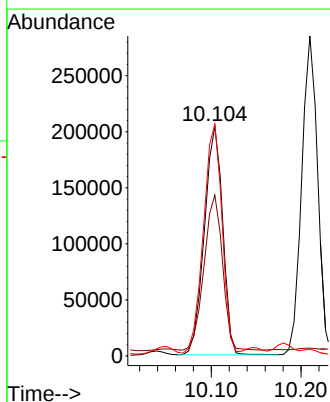
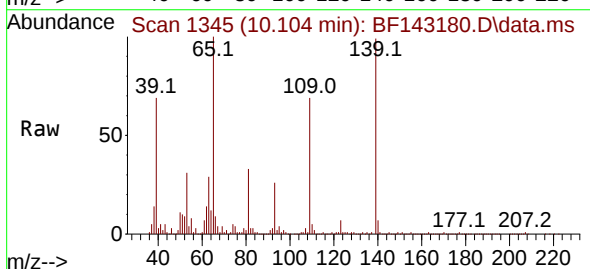
Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#56
4-Nitrophenol
Concen: 96.784 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

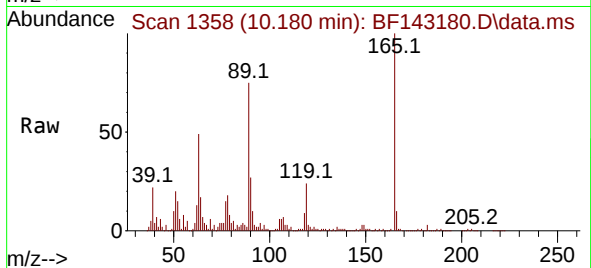
Tgt Ion:139 Resp: 290208
Ion Ratio Lower Upper
139 100
109 70.0 48.5 88.5
65 101.0 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.692 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

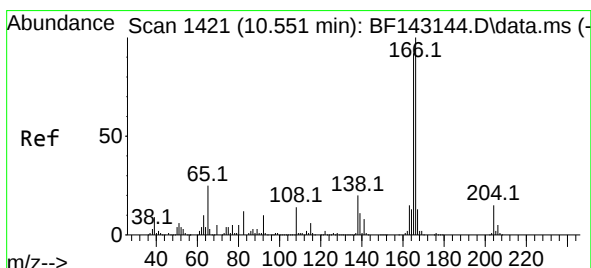
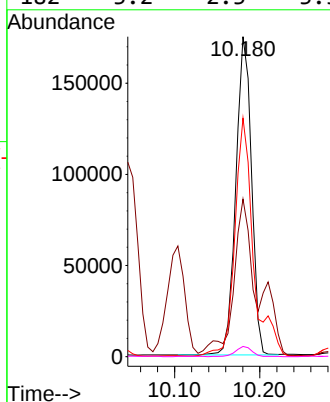
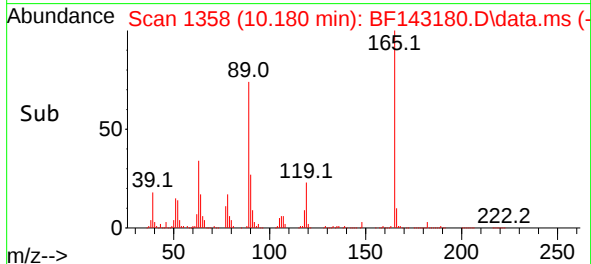
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:165 Resp: 222639
Ion Ratio Lower Upper
165 100
63 49.3 41.0 61.4
89 74.5 61.1 91.7
182 3.2 2.3 3.5

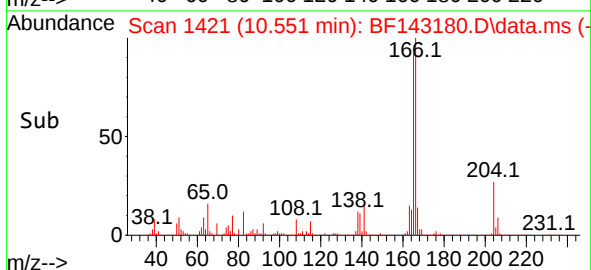
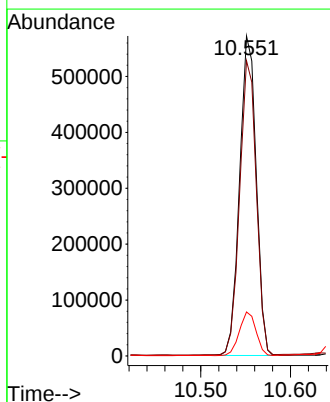
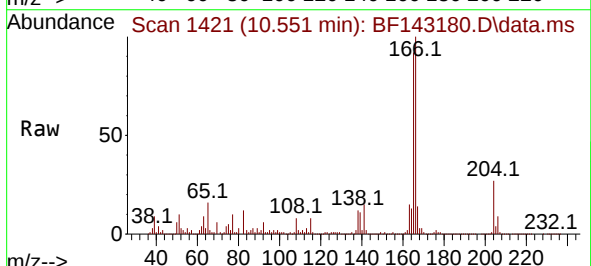
Manual Integrations
APPROVED

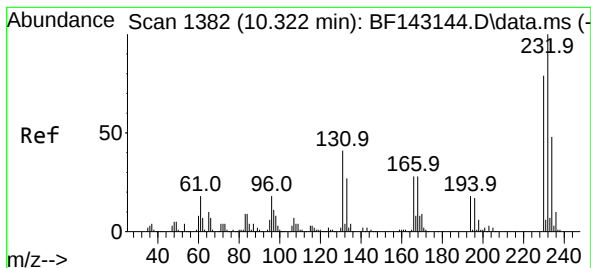
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#58
Fluorene
Concen: 44.574 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

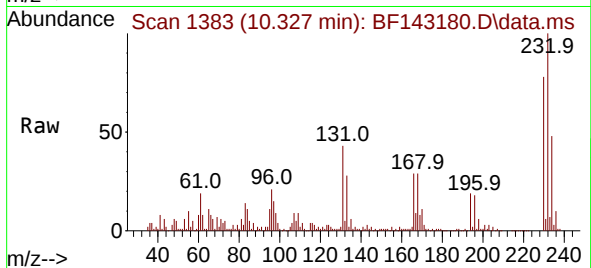
Tgt Ion:166 Resp: 735293
Ion Ratio Lower Upper
166 100
165 92.3 73.7 110.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.297 ng
RT: 10.327 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

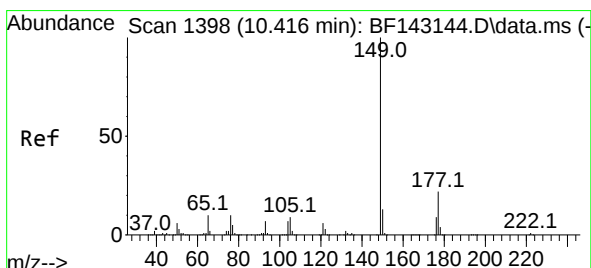
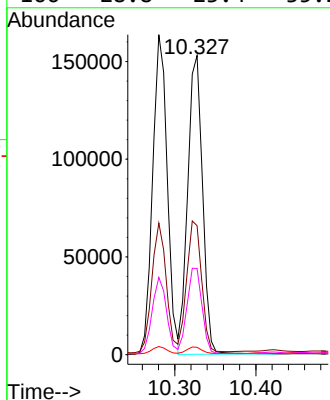
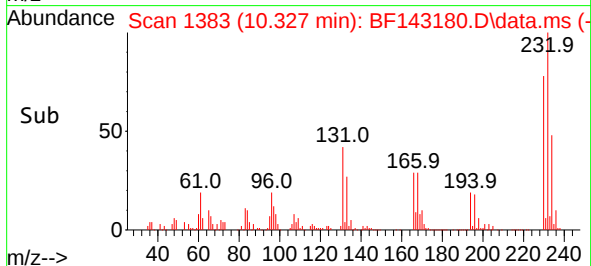
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:232 Resp: 19416
Ion Ratio Lower Upper
232 100
131 43.7 35.3 52.9
130 2.4 1.7 2.5
166 28.8 23.4 35.2

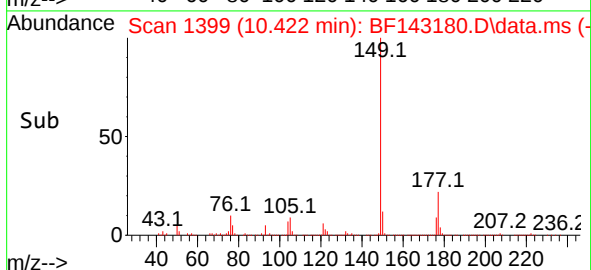
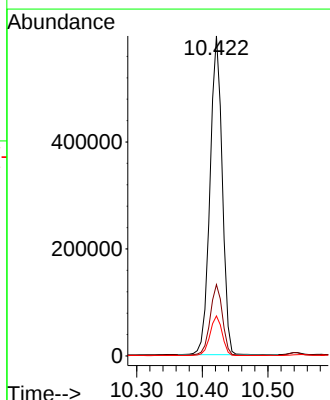
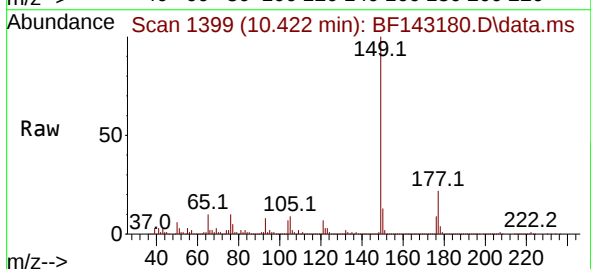
Manual Integrations
APPROVED

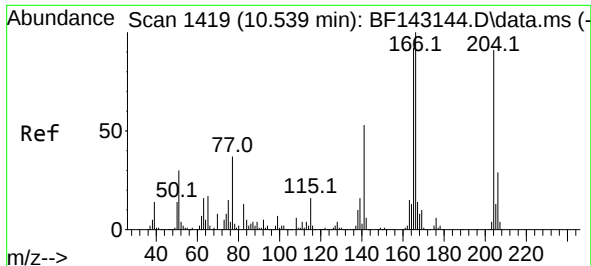
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#60
Diethylphthalate
Concen: 46.169 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

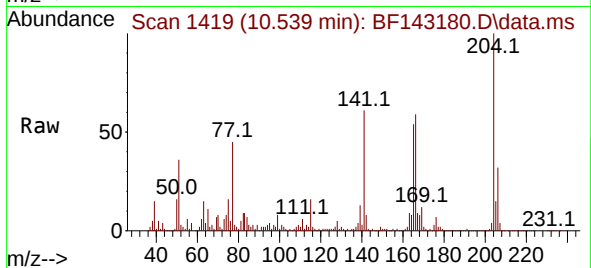
Tgt Ion:149 Resp: 770106
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.644 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

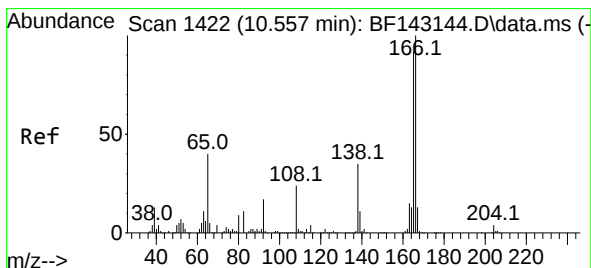
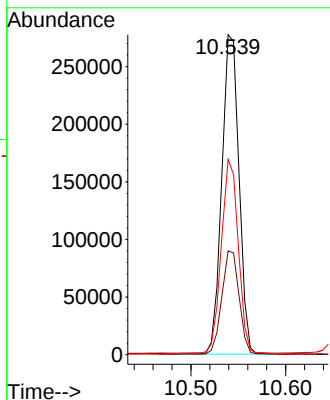
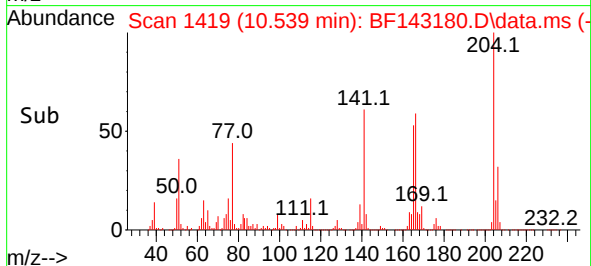
Instrument :
BNA_F
ClientSampleId :
RT2286MS



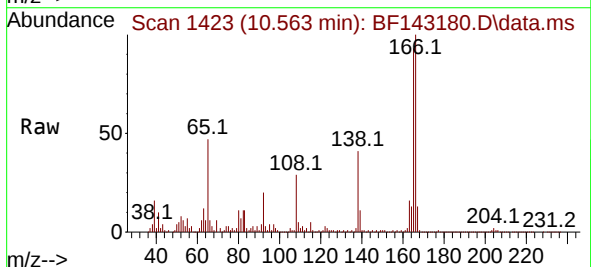
Tgt Ion:204 Resp: 35027
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 61.0 47.0 70.4

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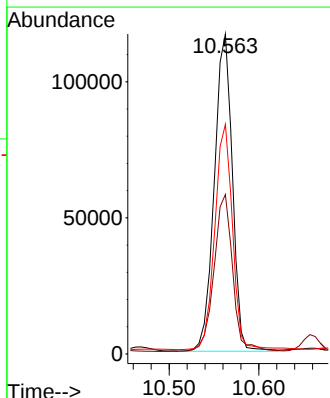
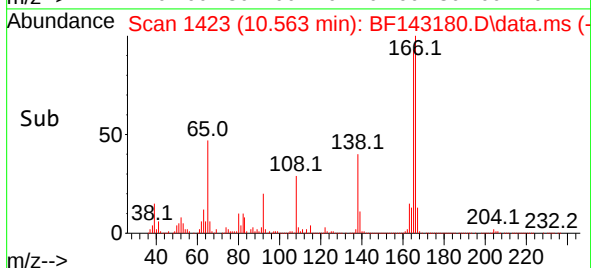
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

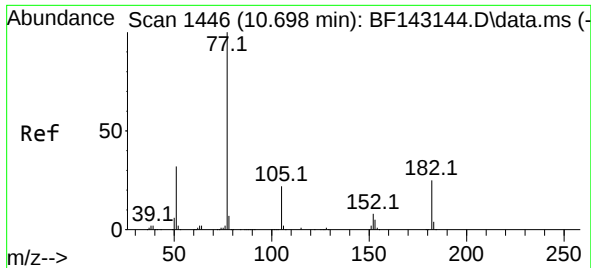


#62
4-Nitroaniline
Concen: 47.227 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



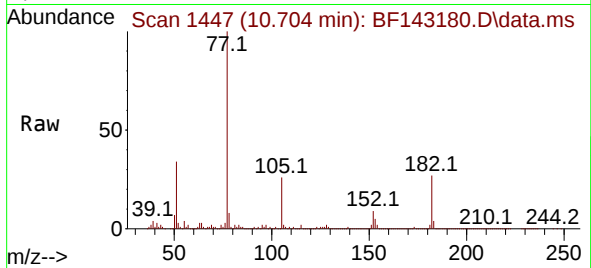
Tgt Ion:138 Resp: 162531
Ion Ratio Lower Upper
138 100
92 49.9 29.3 69.3
108 71.8 48.3 88.3





#63
Azobenzene
Concen: 46.418 ng
RT: 10.704 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

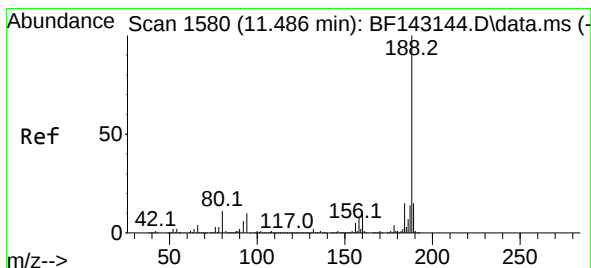
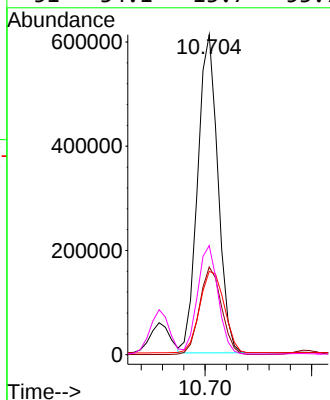
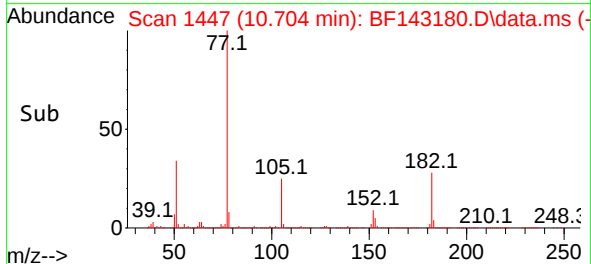
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion: 77 Resp: 806940
Ion Ratio Lower Upper
77 100
182 27.4 4.6 44.6
105 26.0 1.4 41.4
51 34.1 13.7 53.7

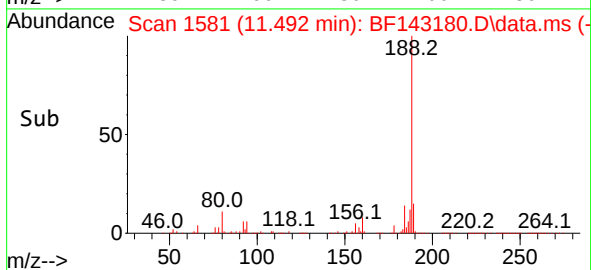
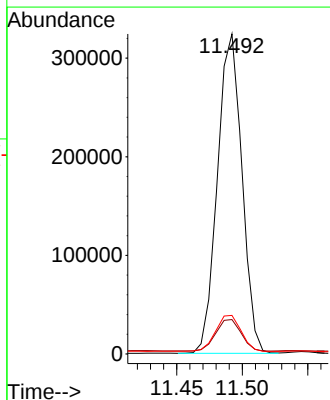
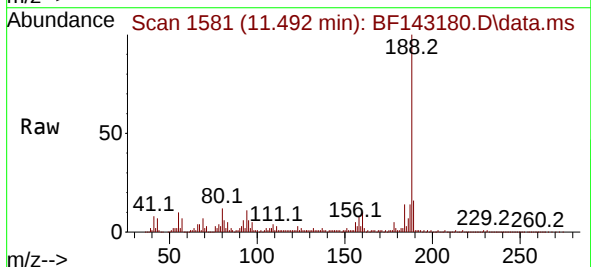
Manual Integrations
APPROVED

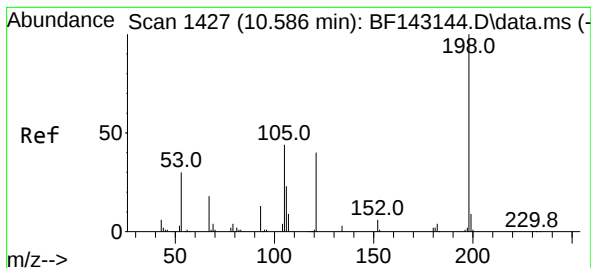
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

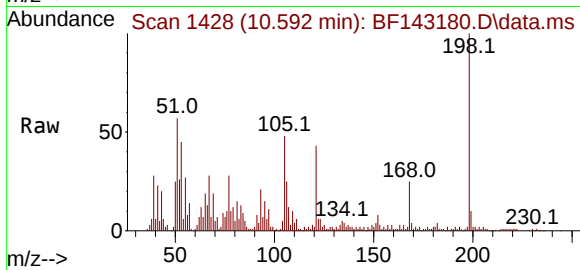
Tgt Ion:188 Resp: 420723
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 12.1 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.125 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

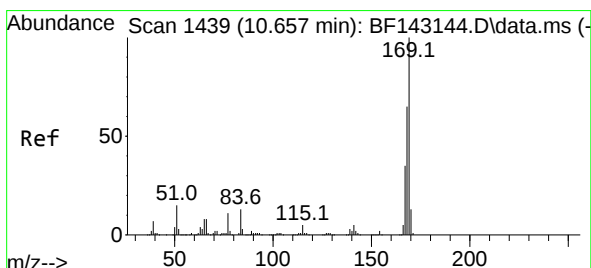
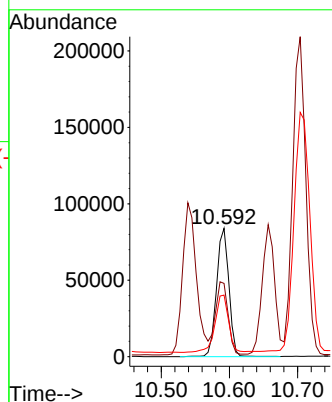
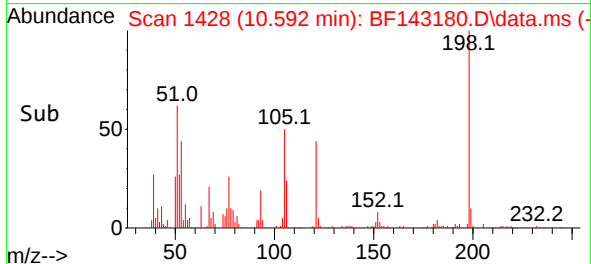
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:198 Resp: 10617
Ion Ratio Lower Upper
198 100
51 57.2 37.2 77.2
105 48.1 24.8 64.8

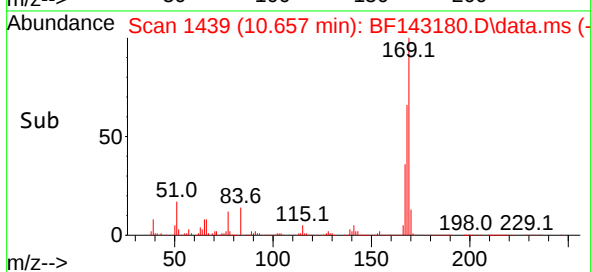
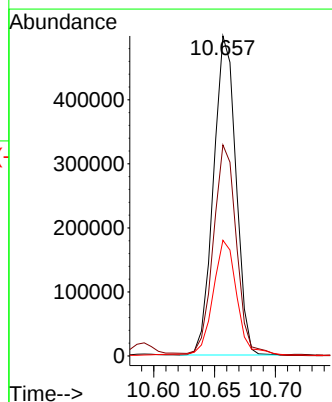
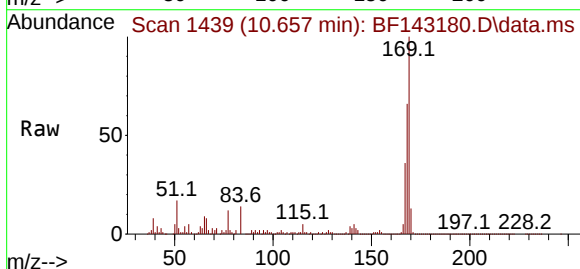
Manual Integrations
APPROVED

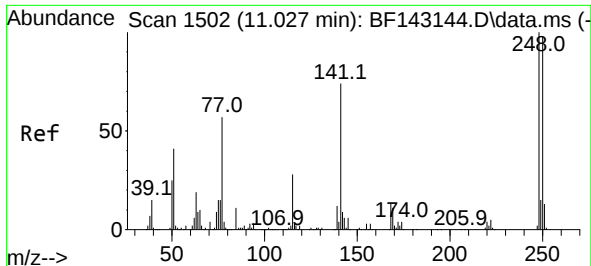
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#66
n-Nitrosodiphenylamine
Concen: 43.218 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

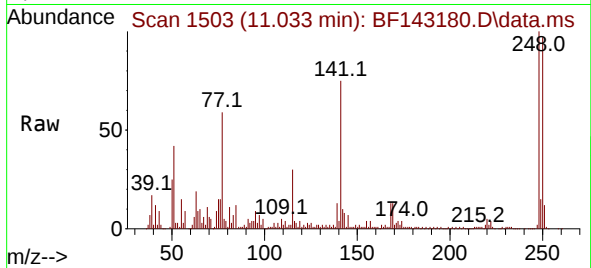
Tgt Ion:169 Resp: 640269
Ion Ratio Lower Upper
169 100
168 65.9 52.1 78.1
167 36.2 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 42.890 ng
RT: 11.033 min Scan# 11033
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

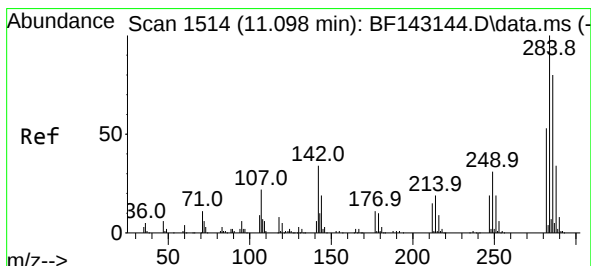
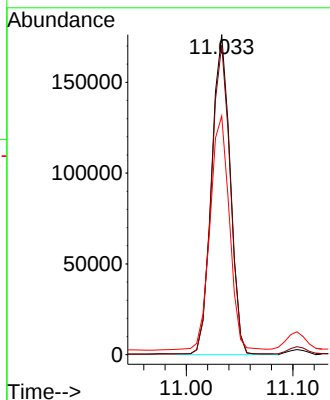
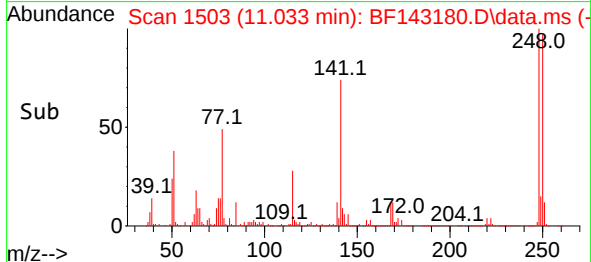
Instrument :
BNA_F
ClientSampleId :
RT2286MS



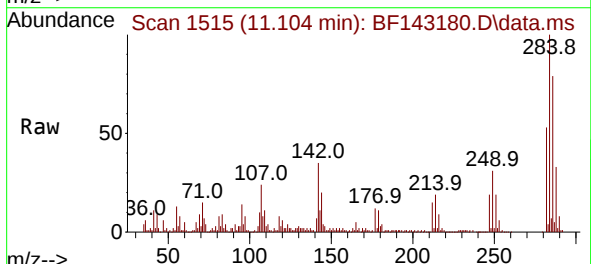
Tgt Ion:248 Resp: 21504
Ion Ratio Lower Upper
248 100
250 96.8 78.3 117.5
141 74.6 59.2 88.8

Manual Integrations
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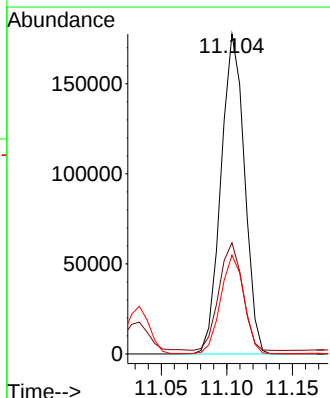
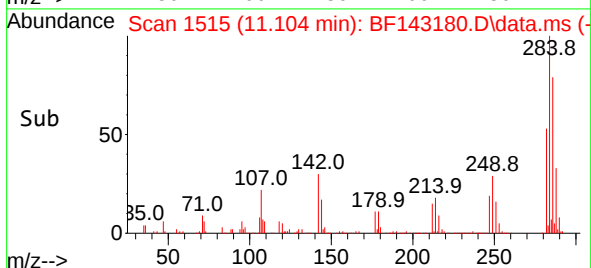
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

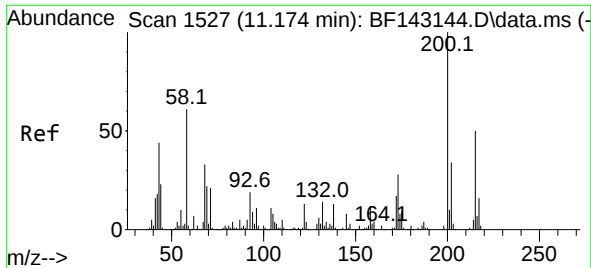


#68
Hexachlorobenzene
Concen: 42.221 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26



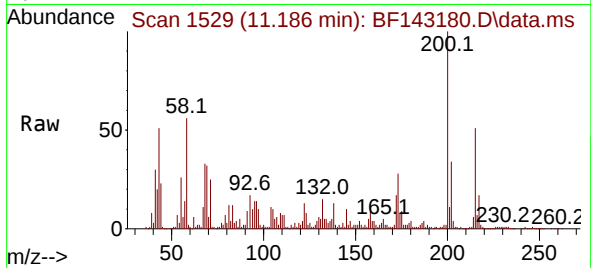
Tgt Ion:284 Resp: 221260
Ion Ratio Lower Upper
284 100
142 34.7 27.0 40.6
249 30.9 25.0 37.6





#69
 Atrazine
 Concen: 47.184 ng
 RT: 11.186 min Scan# 1529
 Delta R.T. 0.012 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26

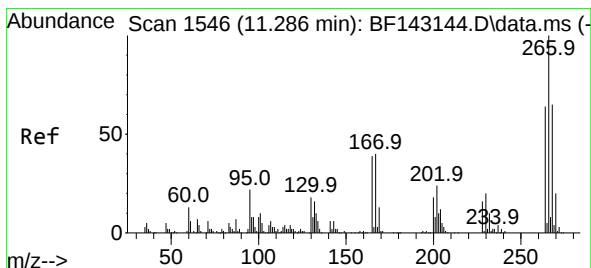
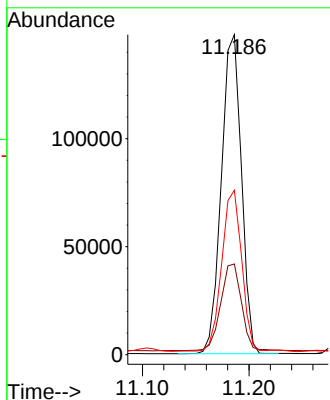
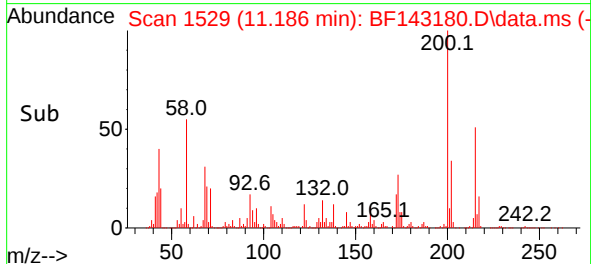
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS



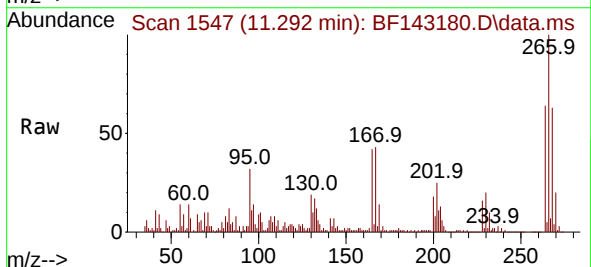
Tgt Ion:200 Resp: 19271
 Ion Ratio Lower Upper
 200 100
 173 28.4 7.9 47.9
 215 51.4 30.1 70.1

Manual Integrations
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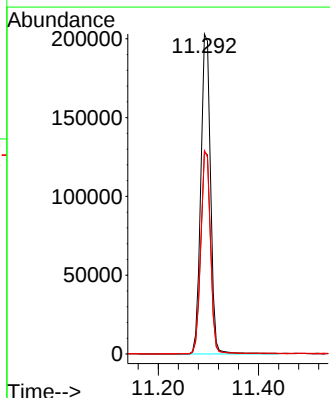
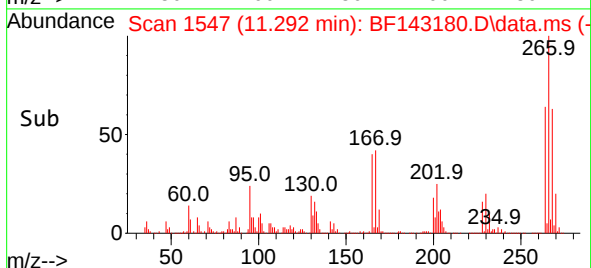
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

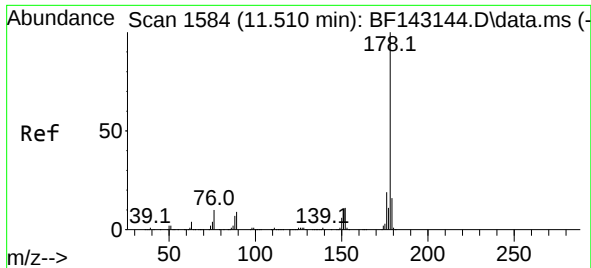


#70
 Pentachlorophenol
 Concen: 88.880 ng
 RT: 11.292 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26



Tgt Ion:266 Resp: 273917
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.9 77.9
 264 63.5 51.0 76.6





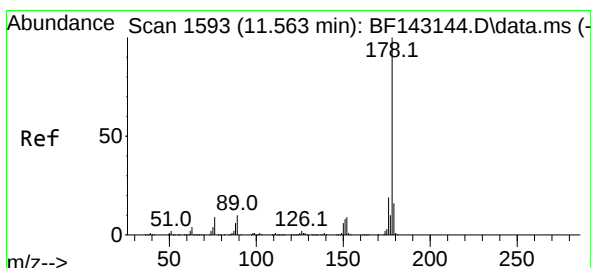
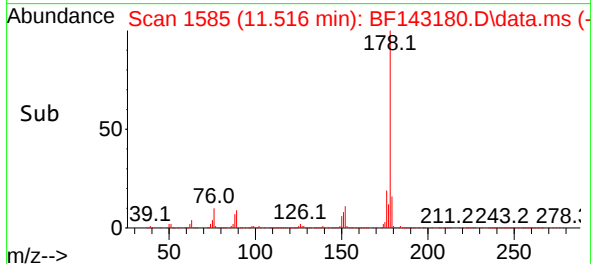
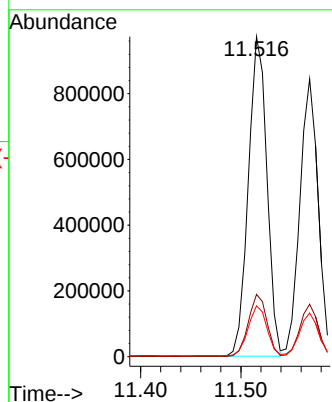
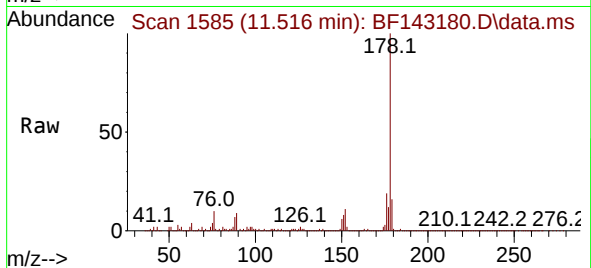
#71
Phenanthrene
Concen: 56.049 ng
RT: 11.516 min Scan# 11584
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:178 Resp: 125208
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.5 18.7

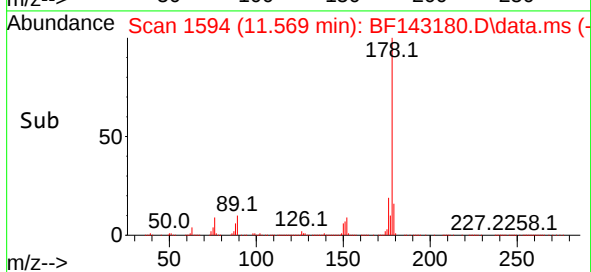
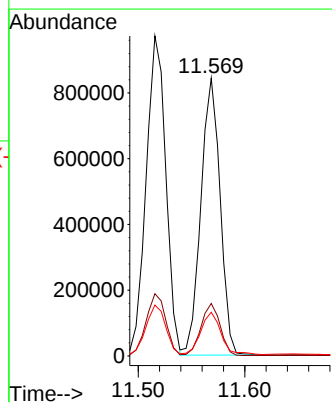
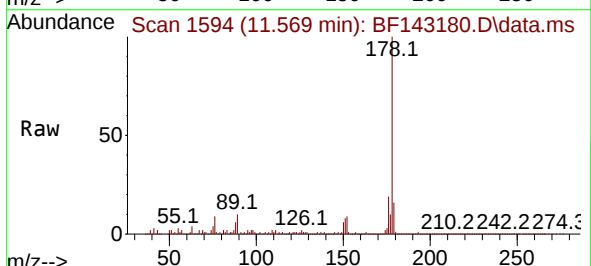
Manual Integrations
APPROVED

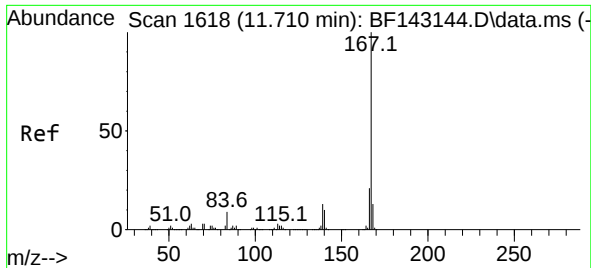
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#72
Anthracene
Concen: 46.522 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

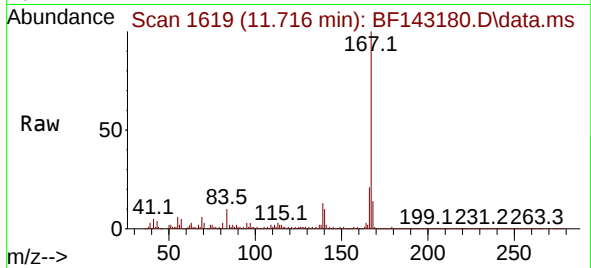
Tgt Ion:178 Resp: 1059941
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 43.563 ng
 RT: 11.716 min Scan# 1619
 Delta R.T. 0.006 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26

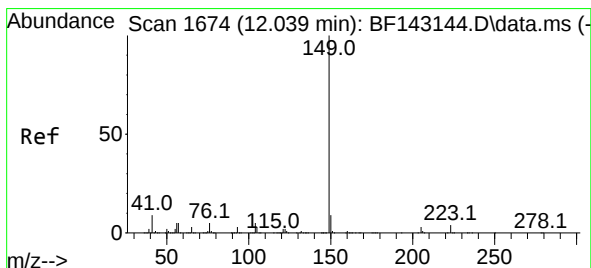
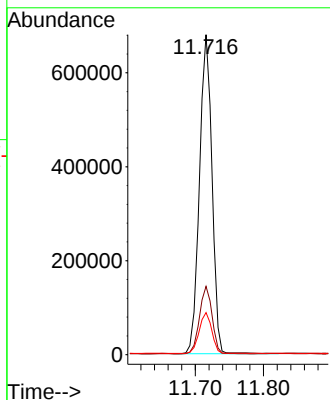
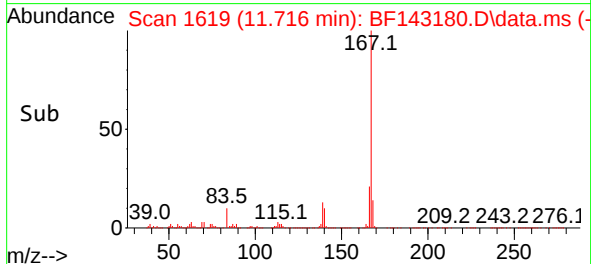
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS



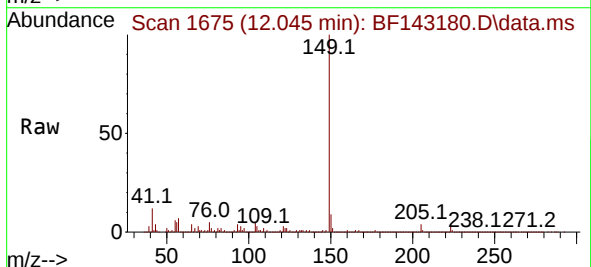
Tgt Ion:167 Resp: 86666
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.2 10.0 15.0

Manual Integrations
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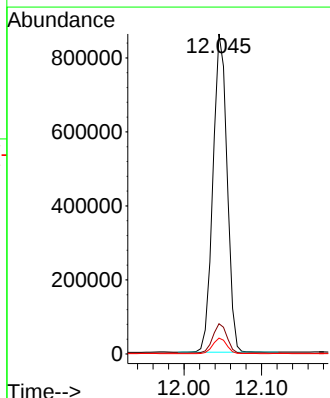
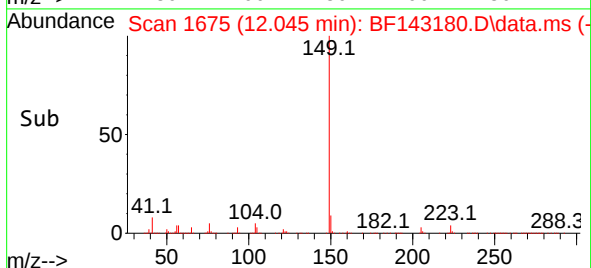
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

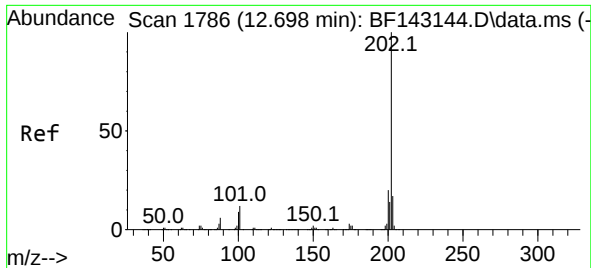


#74
 Di-n-butylphthalate
 Concen: 48.409 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26



Tgt Ion:149 Resp: 1089699
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.0 3.8 5.8





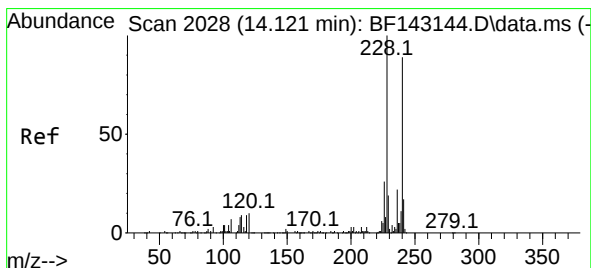
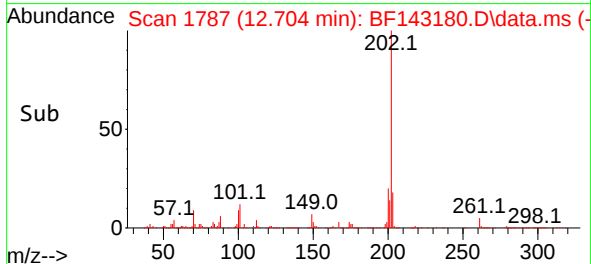
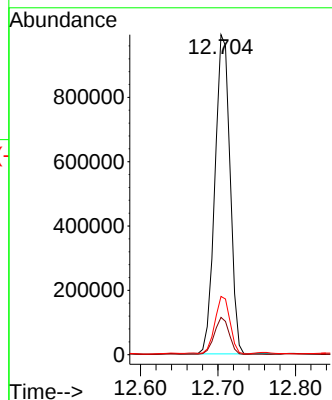
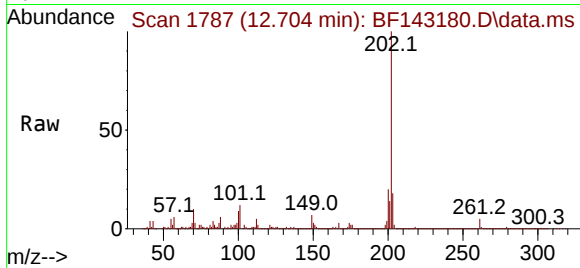
#75
Fluoranthene
Concen: 65.437 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:202 Resp: 134174
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 18.2 0.0 37.4

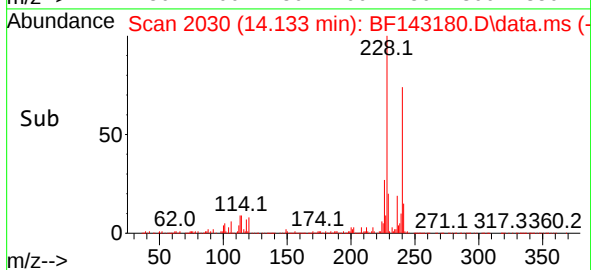
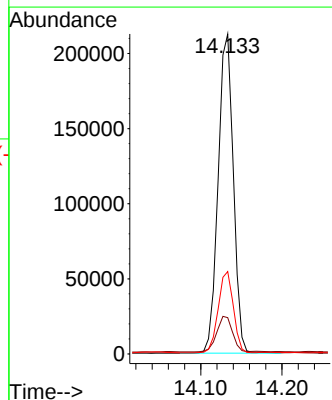
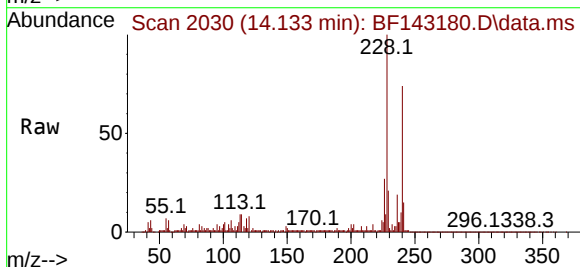
Manual Integrations
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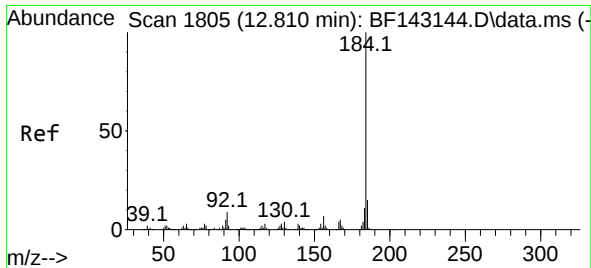
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:240 Resp: 277520
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.7 20.2 30.4





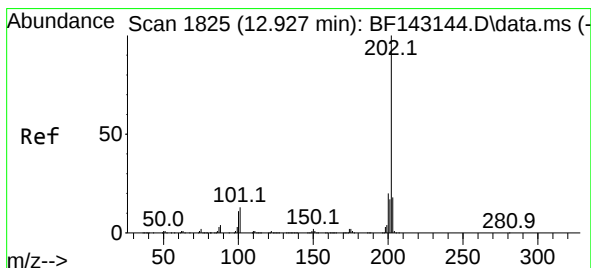
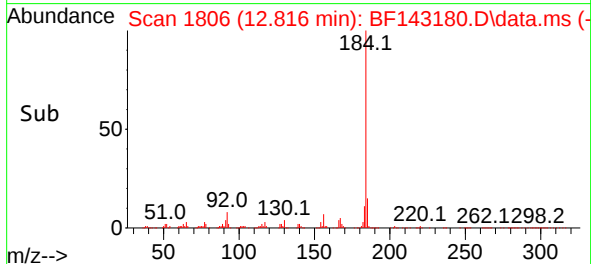
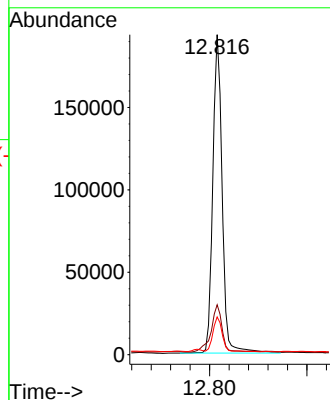
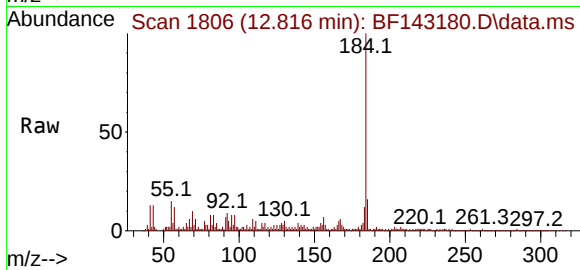
#77
Benzidine
Concen: 24.042 ng
RT: 12.816 min Scan# 1805
Delta R.T. 0.005 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:184 Resp: 257059
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.4
183 11.8 9.0 13.4

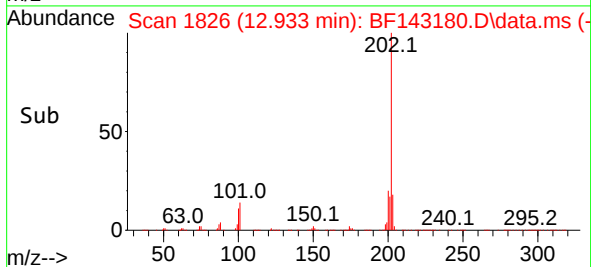
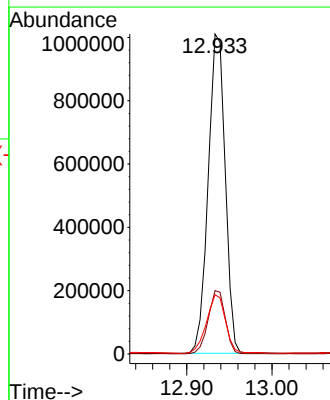
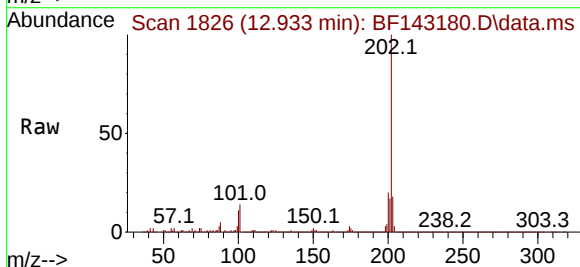
Manual Integrations
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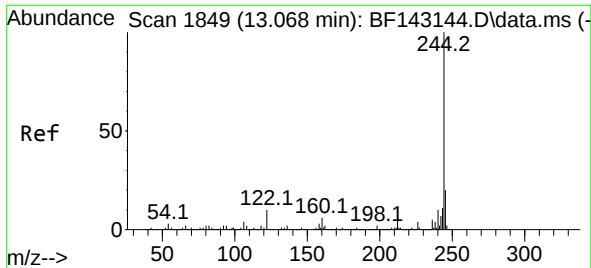
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#78
Pyrene
Concen: 59.322 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

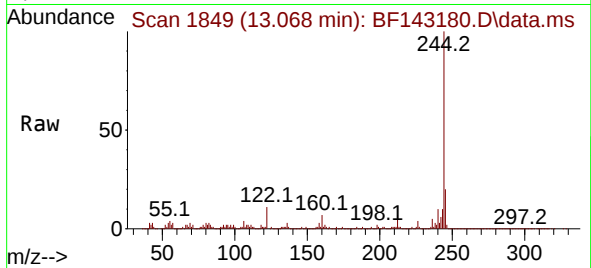
Tgt Ion:202 Resp: 1405043
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 18.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 44.195 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26

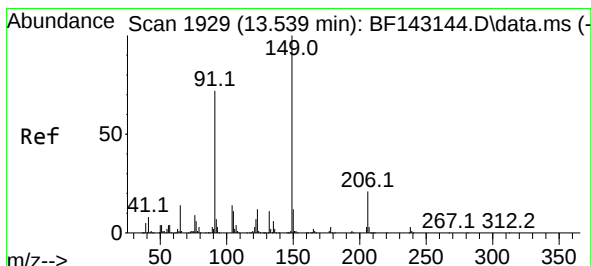
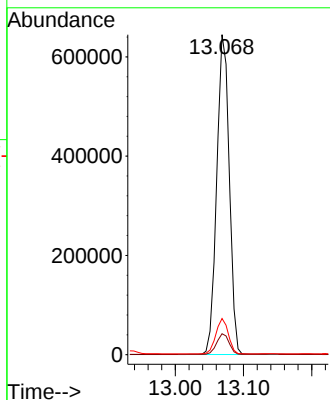
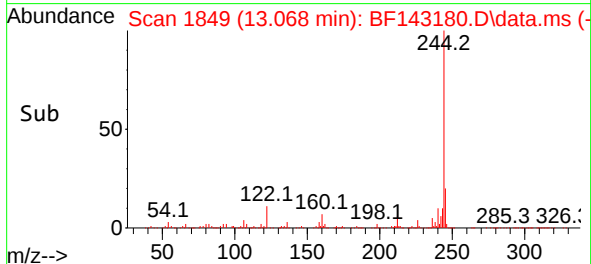
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MS



Tgt Ion:244 Resp: 824200
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 11.3 8.2 12.2

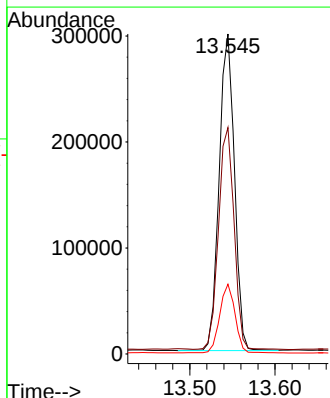
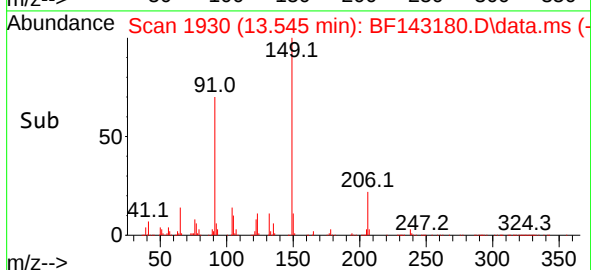
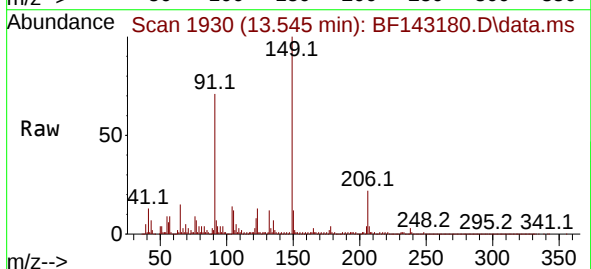
Manual Integrations
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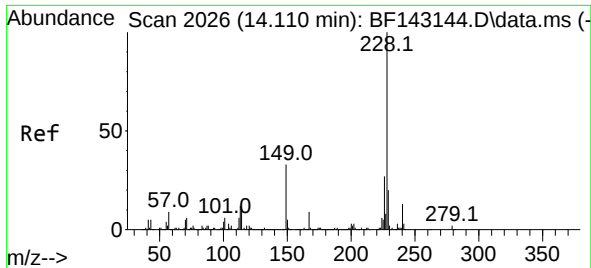
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025



#80
 Butylbenzylphthalate
 Concen: 51.381 ng
 RT: 13.545 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF143180.D
 Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 372649
 Ion Ratio Lower Upper
 149 100
 91 70.8 57.9 86.9
 206 21.8 17.0 25.4





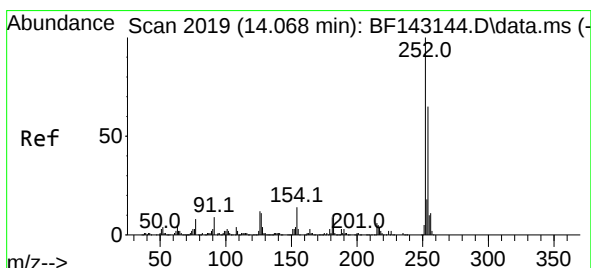
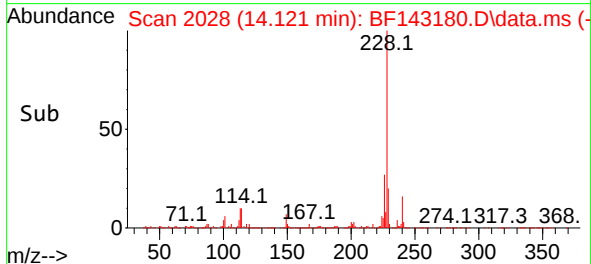
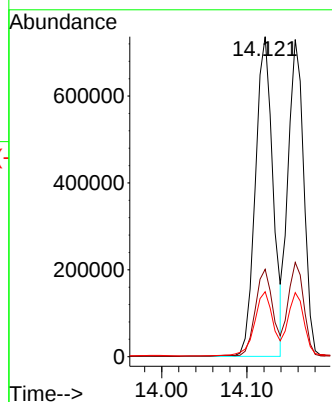
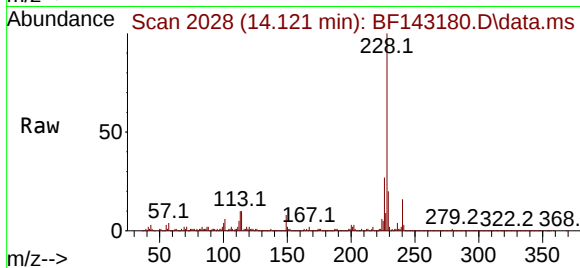
#81
Benzo(a)anthracene
Concen: 56.825 ng
RT: 14.121 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:228 Resp: 105581
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.3 15.8 23.6

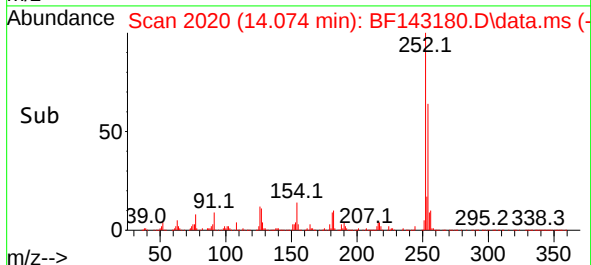
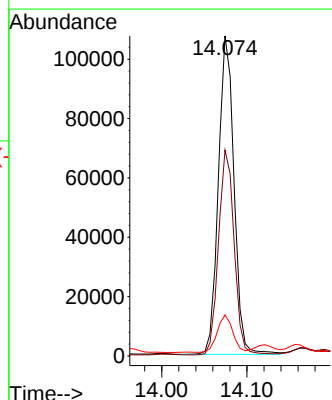
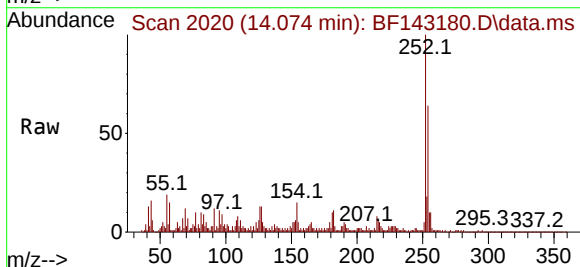
Manual Integrations
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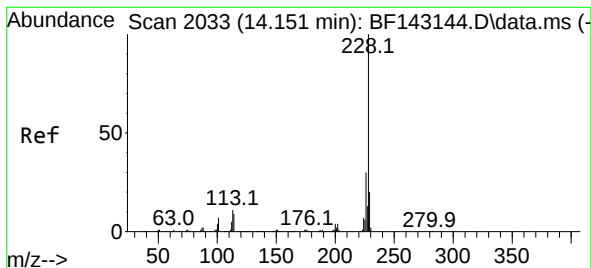
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#82
3,3'-Dichlorobenzidine
Concen: 22.108 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 136903
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 12.8 9.4 14.0





#83

Chrysene

Concen: 55.460 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

Tgt Ion:228 Resp: 926475

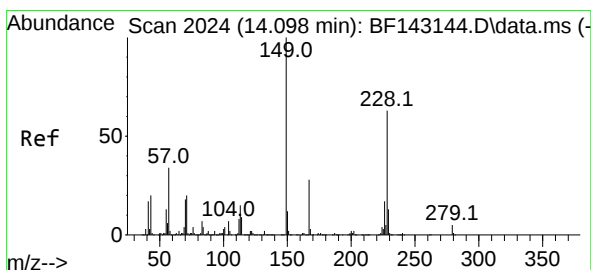
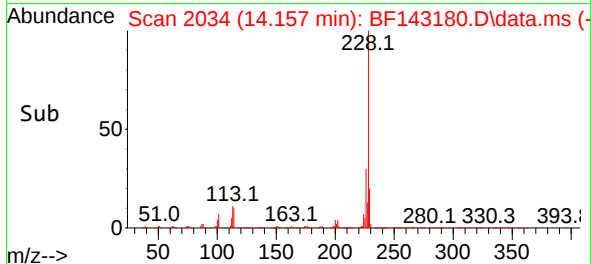
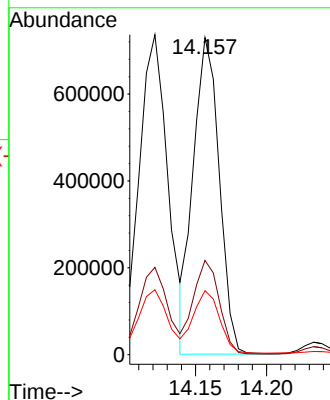
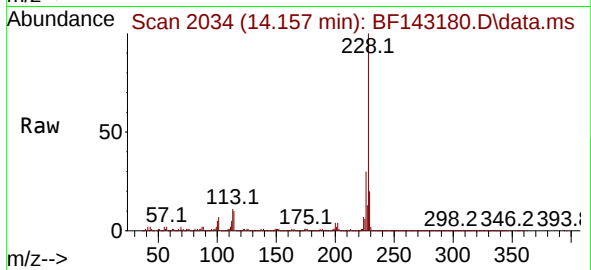
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.643 ng

RT: 14.104 min Scan# 2025

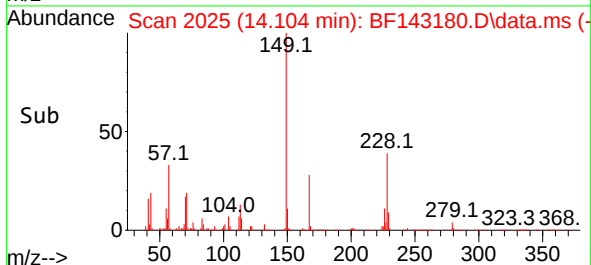
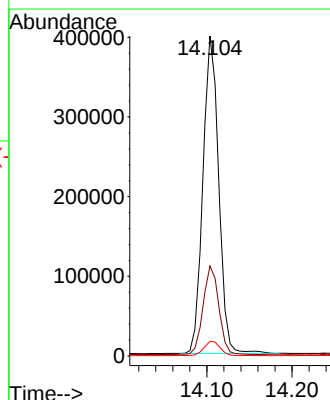
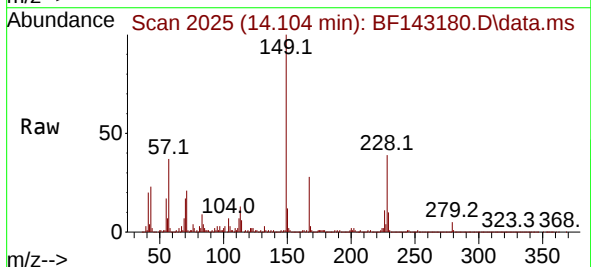
Delta R.T. 0.006 min

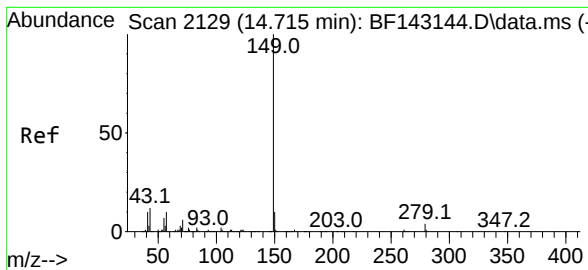
Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion:149 Resp: 512026

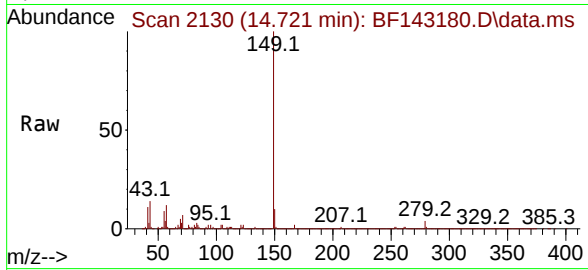
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.5	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 47.711 ng m
RT: 14.721 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

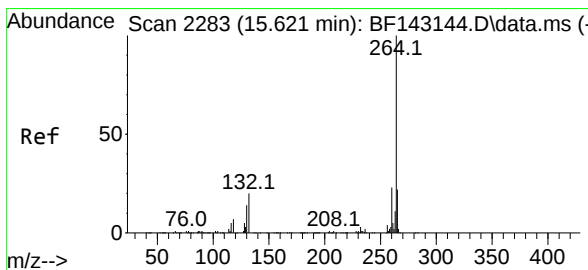
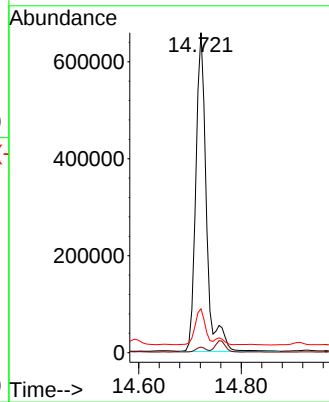
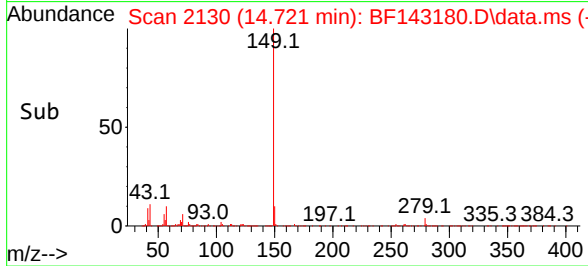
Instrument :
BNA_F
ClientSampleId :
RT2286MS



Tgt Ion:149 Resp: 949372
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.7 9.7 14.5

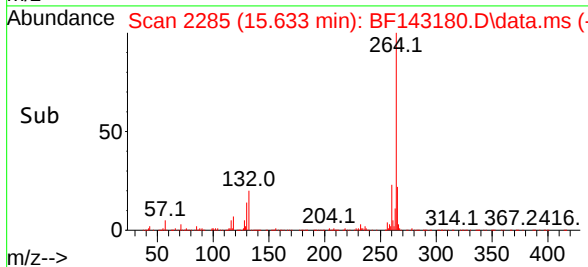
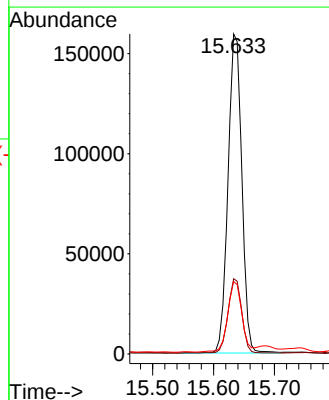
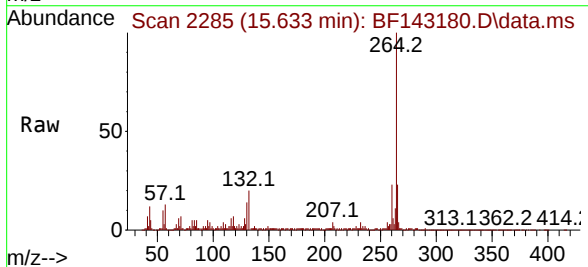
Manual Integrations
APPROVED

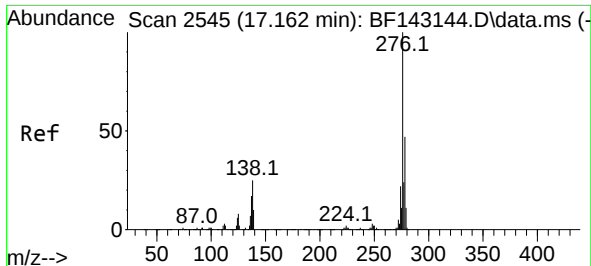
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 250625
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.775 ng
RT: 17.180 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

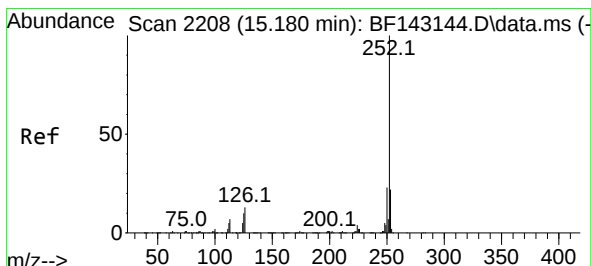
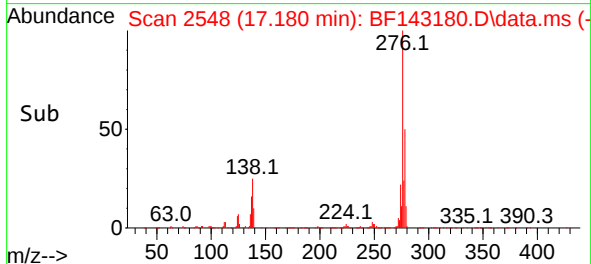
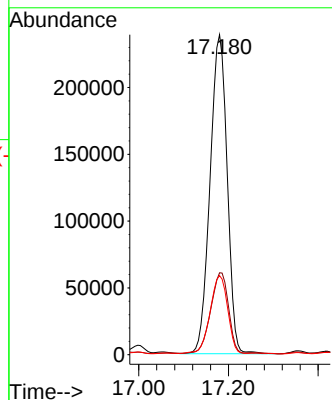
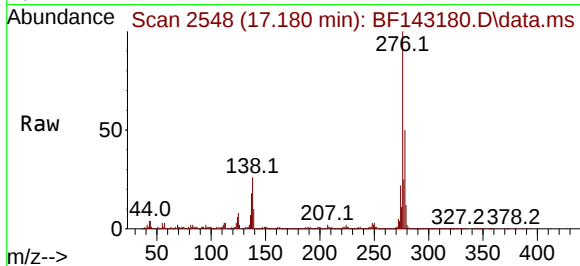
ClientSampleId :

RT2286MS

Tgt Ion:276 Resp: 632228
Ion Ratio Lower Upper
276 100
138 26.2 21.8 32.6
277 24.8 20.0 30.0

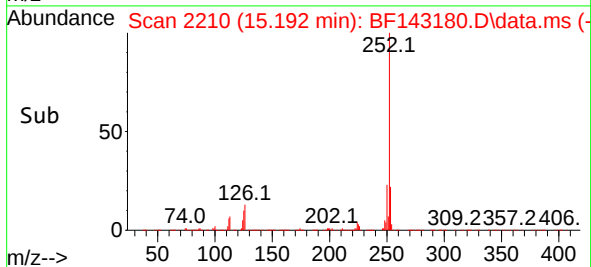
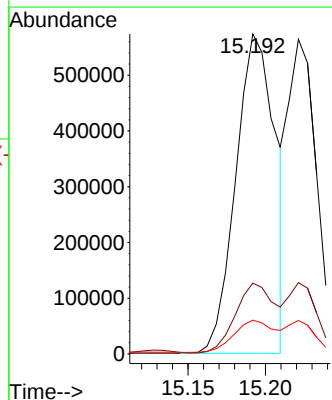
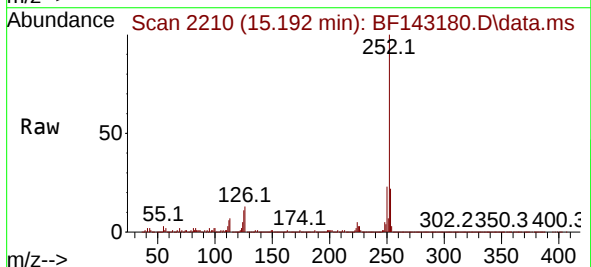
Manual Integrations
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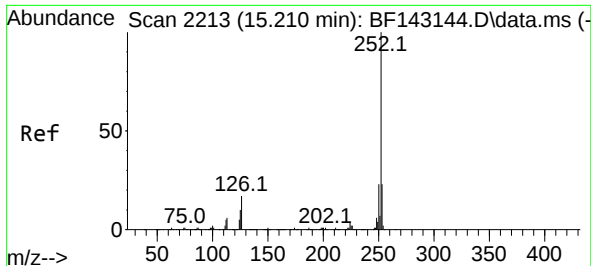
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#88
Benzo(b)fluoranthene
Concen: 66.318 ng
RT: 15.192 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 1015390
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 52.120 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_F

ClientSampleId :

RT2286MS

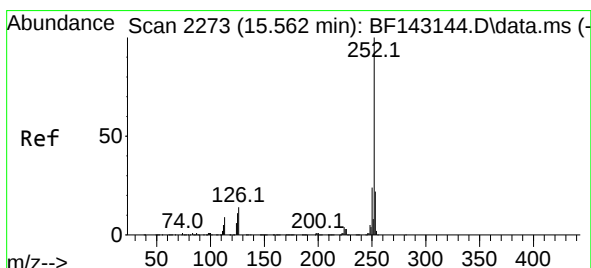
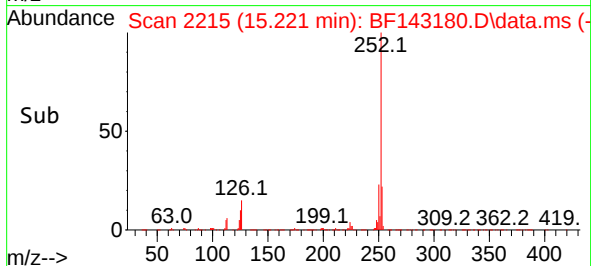
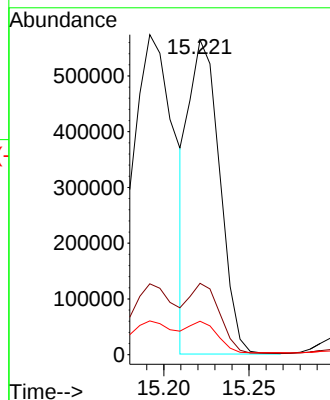
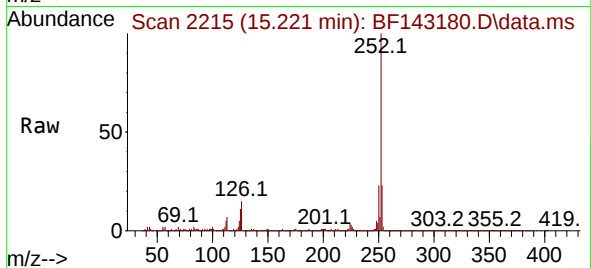
Tgt Ion:252 Resp: 712098
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.6
 125 10.6 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#90

Benzo(a)pyrene

Concen: 56.754 ng

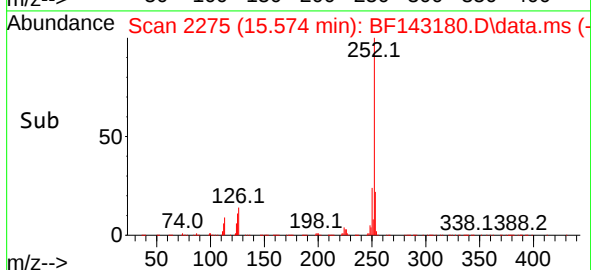
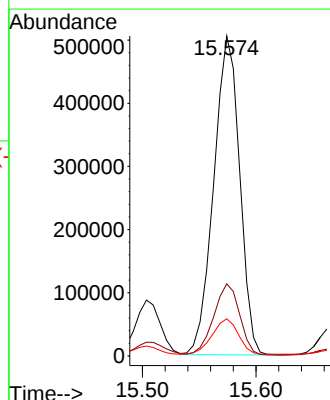
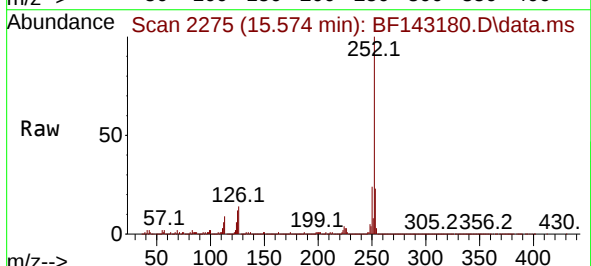
RT: 15.574 min Scan# 2275

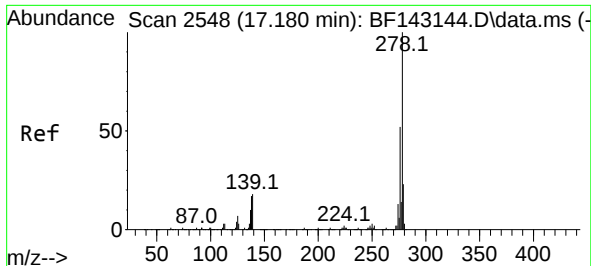
Delta R.T. 0.012 min

Lab File: BF143180.D

Acq: 22 Jul 2025 10:26

Tgt Ion:252 Resp: 800603
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 11.6 8.6 13.0





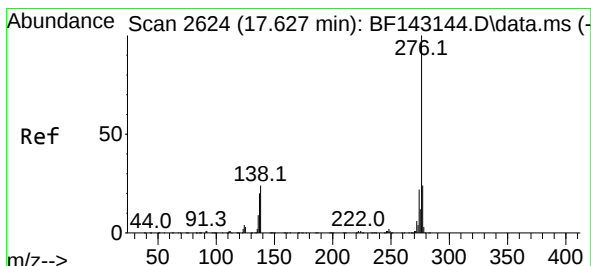
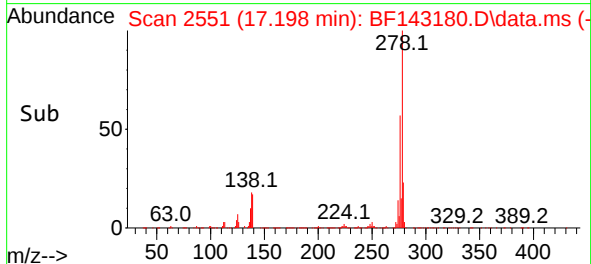
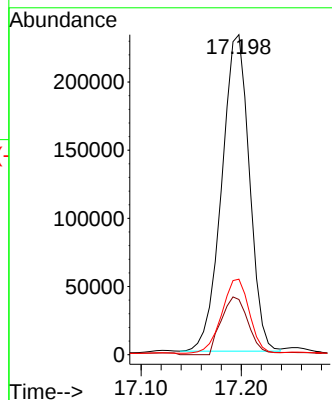
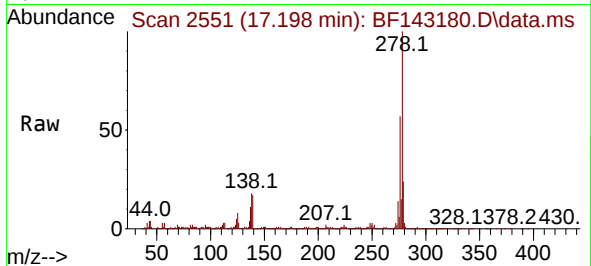
#91
Dibenzo(a,h)anthracene
Concen: 30.912 ng
RT: 17.198 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_F
ClientSampleId :
RT2286MS

Tgt Ion:278 Resp: 444650
Ion Ratio Lower Upper
278 100
139 17.3 14.1 21.1
279 23.6 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#92
Benzo(g,h,i)perylene
Concen: 36.288 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143180.D
Acq: 22 Jul 2025 10:26

Tgt Ion:276 Resp: 504925
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 22.8 18.9 28.3

