

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143181.D
 Acq On : 22 Jul 2025 10:55
 Operator : RC/JU
 Sample : Q2635-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 11:37:57 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	136589	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	529762	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	274462	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	414650	20.000	ng	0.00
76) Chrysene-d12	14.133	240	276295	20.000	ng	0.01
86) Perylene-d12	15.639	264	228694	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	716143	82.969	ng	0.01
7) Phenol-d6	6.587	99	935920	86.147	ng	0.00
23) Nitrobenzene-d5	7.522	82	613436	57.720	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	244844	86.354	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1059631	52.801	ng	0.00
79) Terphenyl-d14	13.069	244	800209	43.099	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	142826	34.971	ng	100
3) Pyridine	3.628	79	387513	36.555	ng	99
4) n-Nitrosodimethylamine	3.569	42	226567	41.396	ng	99
6) Aniline	6.622	93	355683	23.491	ng	95
8) 2-Chlorophenol	6.751	128	380878	42.098	ng	98
9) Benzaldehyde	6.510	77	267699	32.860	ng	99
10) Phenol	6.604	94	507938	42.917	ng	98
11) bis(2-Chloroethyl)ether	6.693	93	375500	41.437	ng	99
12) 1,3-Dichlorobenzene	6.910	146	396098	40.301	ng	98
13) 1,4-Dichlorobenzene	6.981	146	400666	40.480	ng	99
14) 1,2-Dichlorobenzene	7.134	146	385915	40.994	ng	99
15) Benzyl Alcohol	7.098	79	366706	44.206	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	695231	41.357	ng	99
17) 2-Methylphenol	7.210	107	323602	42.538	ng	99
18) Hexachloroethane	7.481	117	145589	42.489	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	282181	40.484	ng	99
20) 3+4-Methylphenols	7.363	107	396436	42.952	ng	# 81
22) Acetophenone	7.369	105	518130	41.311	ng	97
24) Nitrobenzene	7.540	77	429974	43.395	ng	98
25) Isophorone	7.781	82	793276	42.282	ng	99
26) 2-Nitrophenol	7.857	139	207791	48.321	ng	99
27) 2,4-Dimethylphenol	7.892	122	371287	42.358	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	469100	41.702	ng	100
29) 2,4-Dichlorophenol	8.098	162	316852	42.863	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	329282	41.232	ng	99
31) Naphthalene	8.269	128	1159919	44.458	ng	100
32) Benzoic acid	8.010	122	260227	52.195	ng	97
33) 4-Chloroaniline	8.310	127	114890	10.785	ng	98
34) Hexachlorobutadiene	8.392	225	197888	40.563	ng	99
35) Caprolactam	8.681	113	114441	51.232	ng	94
36) 4-Chloro-3-methylphenol	8.792	107	358269	44.590	ng	99
37) 2-Methylnaphthalene	8.957	142	686312	43.229	ng	99
38) 1-Methylnaphthalene	9.057	142	697758	42.680	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	328897	41.506	ng	99
41) Hexachlorocyclopentadiene	9.116	237	241446	46.829	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	238395	43.470	ng	100

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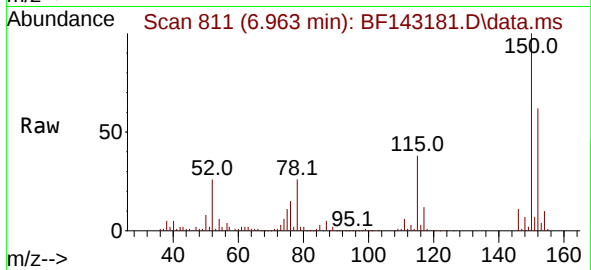
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	238695	43.512	ng	98
46) 1,1'-Biphenyl	9.422	154	906851	42.350	ng	100
47) 2-Chloronaphthalene	9.451	162	661581	41.755	ng	100
48) 2-Nitroaniline	9.539	65	240330	48.368	ng	100
49) Acenaphthylene	9.869	152	1121862	42.250	ng	100
50) Dimethylphthalate	9.722	163	785971	43.933	ng	100
51) 2,6-Dinitrotoluene	9.781	165	174789	48.027	ng	97
52) Acenaphthene	10.039	154	717249	45.702	ng	98
53) 3-Nitroaniline	9.945	138	141784	33.307	ng	99
54) 2,4-Dinitrophenol	10.051	184	138218	83.480	ng	# 7
55) Dibenzofuran	10.210	168	992798	42.608	ng	99
56) 4-Nitrophenol	10.104	139	276705	87.047	ng	98
57) 2,4-Dinitrotoluene	10.181	165	229420	50.245	ng	98
58) Fluorene	10.551	166	745825	42.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	198979	43.788	ng	99
60) Diethylphthalate	10.422	149	793884	44.896	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	365015	41.919	ng	99
62) 4-Nitroaniline	10.563	138	150125	41.149	ng	98
63) Azobenzene	10.704	77	832376	45.166	ng	95
65) 4,6-Dinitro-2-methylph...	10.592	198	93180	43.445	ng	96
66) n-Nitrosodiphenylamine	10.657	169	658874	45.125	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	219163	44.351	ng	99
68) Hexachlorobenzene	11.104	284	217668	42.143	ng	98
69) Atrazine	11.186	200	195110	48.470	ng	99
70) Pentachlorophenol	11.298	266	261343	86.042	ng	98
71) Phenanthrene	11.516	178	1215848	55.224	ng	99
72) Anthracene	11.569	178	1016264	45.259	ng	100
73) Carbazole	11.716	167	837062	42.692	ng	99
74) Di-n-butylphthalate	12.045	149	1092339	49.237	ng	99
75) Fluoranthene	12.710	202	1347470	66.679	ng	99
77) Benzidine	12.816	184	297349	27.933	ng	99
78) Pyrene	12.939	202	1345473	57.059	ng	99
80) Butylbenzylphthalate	13.545	149	367405	50.883	ng	98
81) Benzo(a)anthracene	14.121	228	1033853	55.890	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	138194	22.415	ng	100
83) Chrysene	14.157	228	923571	55.532	ng	98
84) Bis(2-ethylhexyl)phtha...	14.104	149	519551	47.538	ng	99
85) Di-n-octyl phthalate	14.721	149	962953m	48.608	ng	
87) Indeno(1,2,3-cd)pyrene	17.180	276	555106	34.423	ng	99
88) Benzo(b)fluoranthene	15.192	252	926002	66.280	ng	98
89) Benzo(k)fluoranthene	15.221	252	688897	55.257	ng	98
90) Benzo(a)pyrene	15.574	252	734037	57.025	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	397652	30.296	ng	99
92) Benzo(g,h,i)perylene	17.645	276	449394	35.394	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

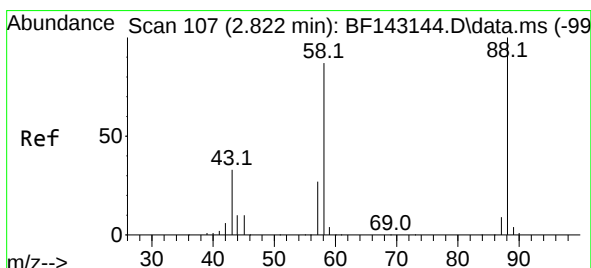
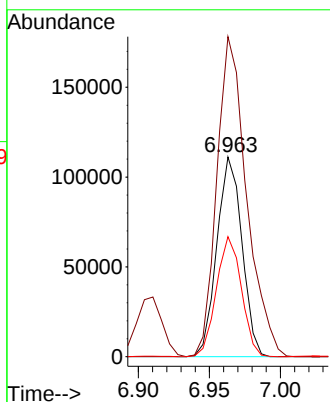
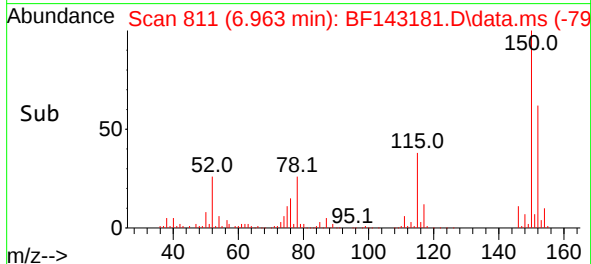
Instrument :
BNA_F
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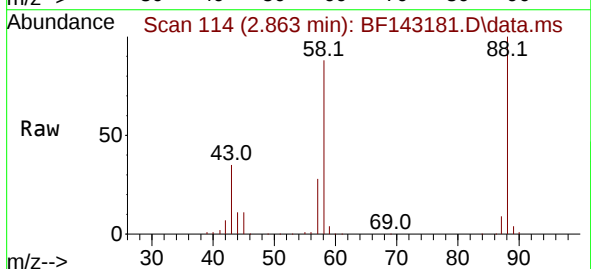
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Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 60.1 47.9 71.9

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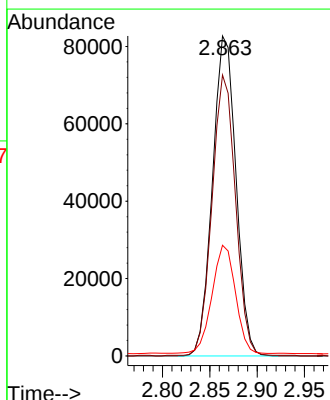
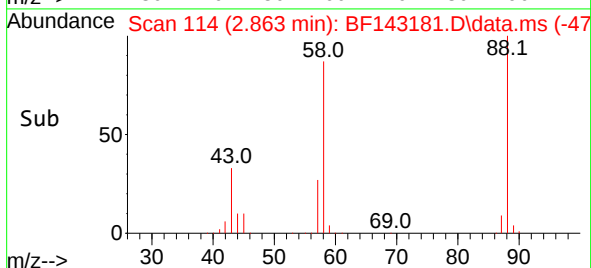
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

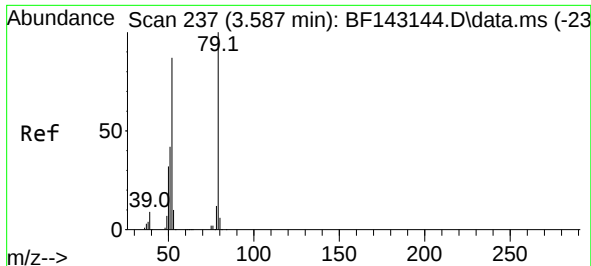


#2
1,4-Dioxane
Concen: 34.971 ng
RT: 2.863 min Scan# 114
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



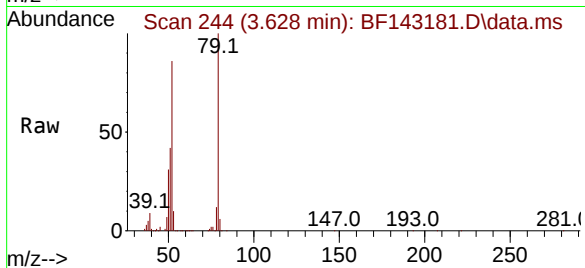
Tgt Ion: 88 Resp: 142826
Ion Ratio Lower Upper
88 100
58 87.9 70.2 105.2
43 33.6 27.1 40.7





#3
Pyridine
Concen: 36.555 ng
RT: 3.628 min Scan# 244
Delta R.T. 0.041 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

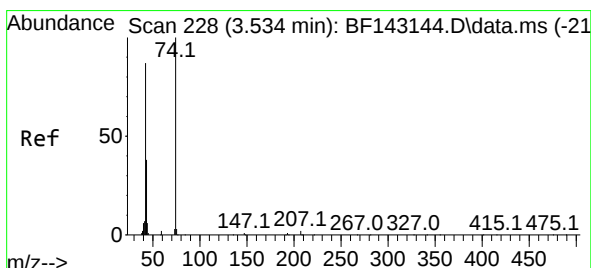
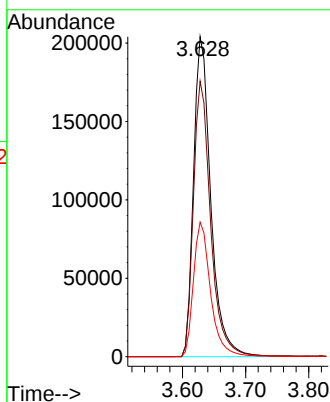
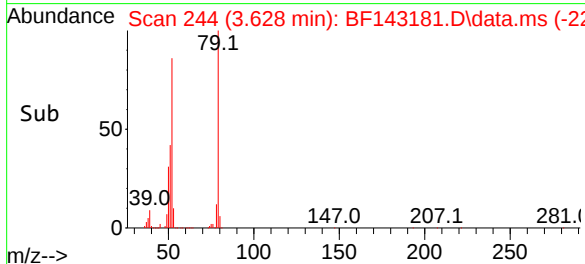
Instrument :
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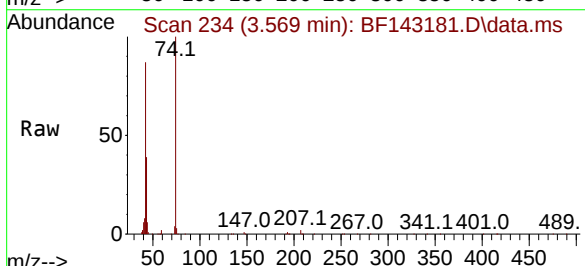
Tgt Ion: 79 Resp: 38751
Ion Ratio Lower Upper
79 100
52 86.1 69.4 104.2
51 42.0 33.5 50.3

Manual Integrations
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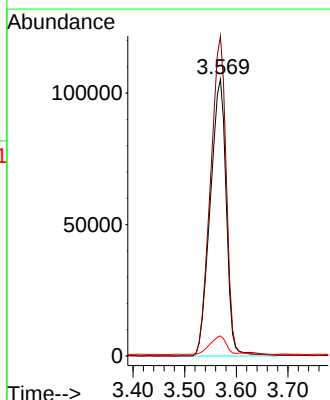
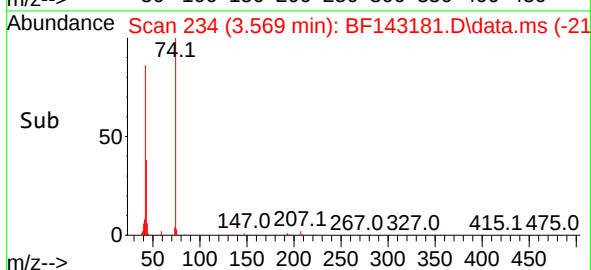
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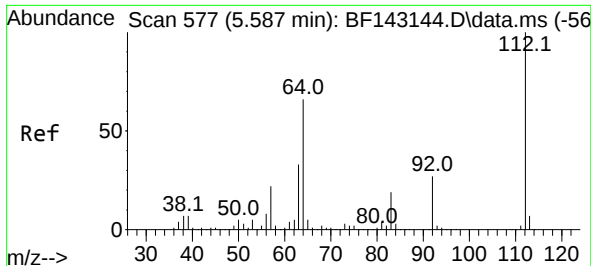


#4
n-Nitrosodimethylamine
Concen: 41.396 ng
RT: 3.569 min Scan# 234
Delta R.T. 0.035 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion: 42 Resp: 226567
Ion Ratio Lower Upper
42 100
74 115.6 91.7 137.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 82.969 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

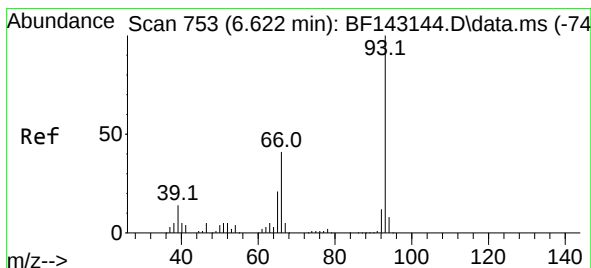
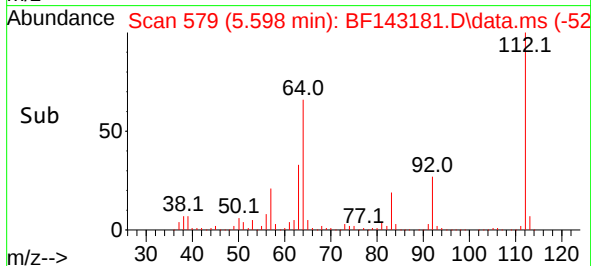
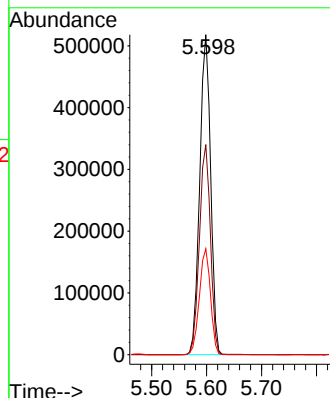
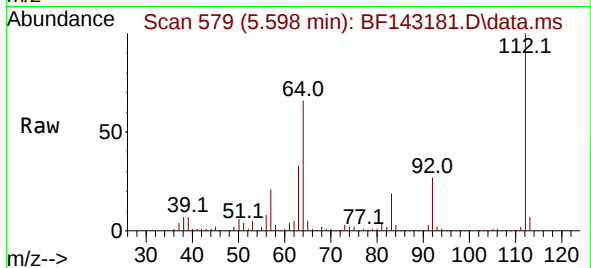
Tgt Ion:112 Resp: 71614
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.1 26.6 40.0

Manual Integrations

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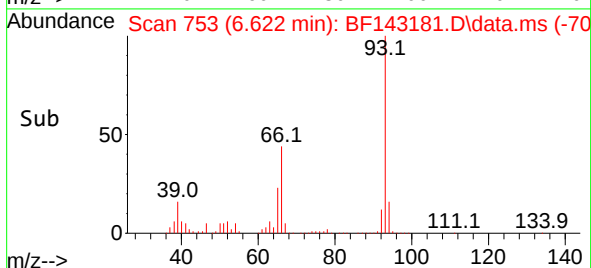
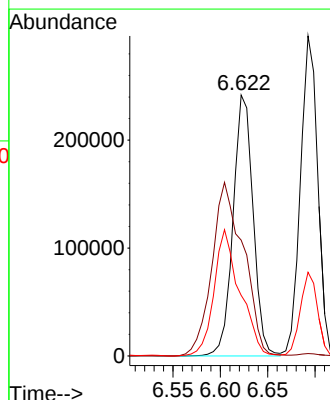
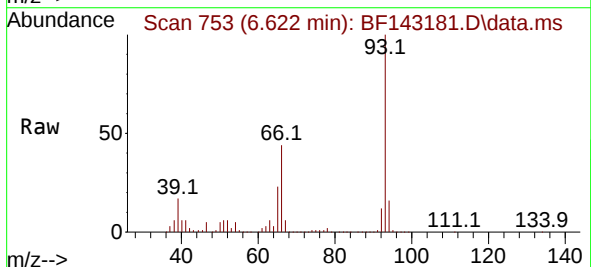
Reviewed By :Rahul Chavli 07/23/2025

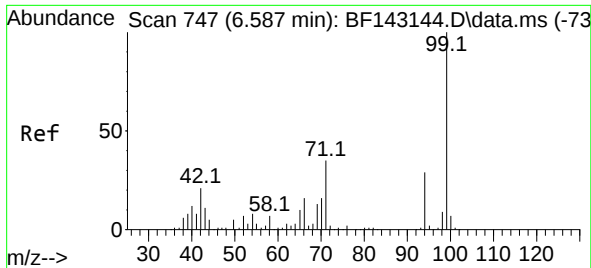
Supervised By :Jagrut Upadhyay 07/23/2025



#6
Aniline
Concen: 23.491 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

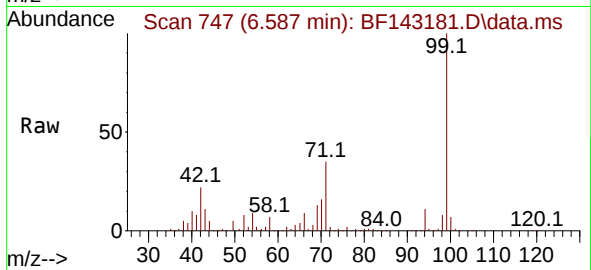
Tgt Ion: 93 Resp: 355683
Ion Ratio Lower Upper
93 100
66 44.4 33.2 49.8
65 23.2 16.9 25.3





#7
Phenol-d6
Concen: 86.147 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

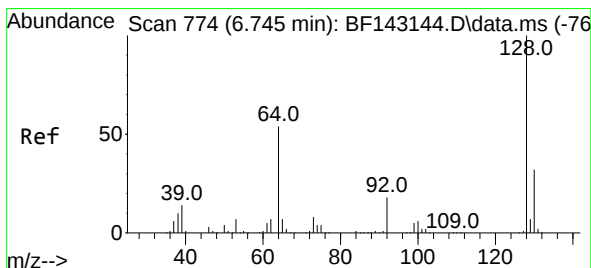
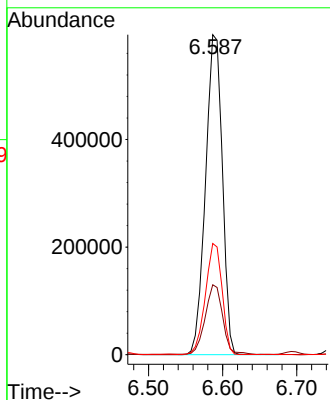
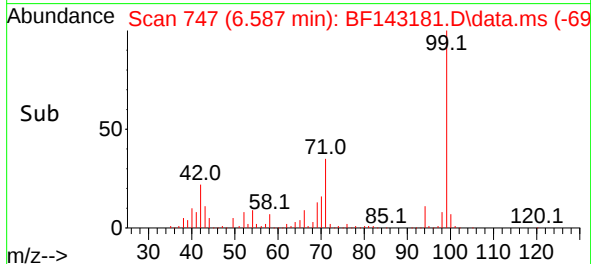
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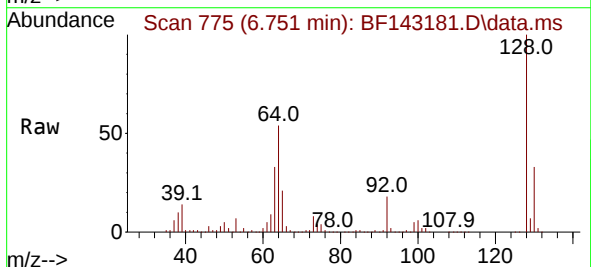
Tgt Ion: 99 Resp: 935920
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 34.8 27.7 41.5

Manual Integrations
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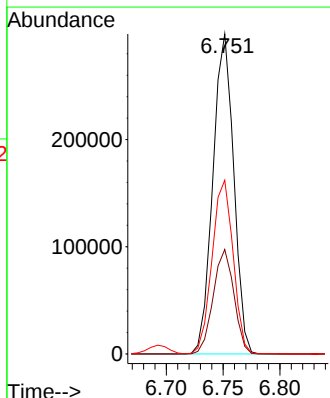
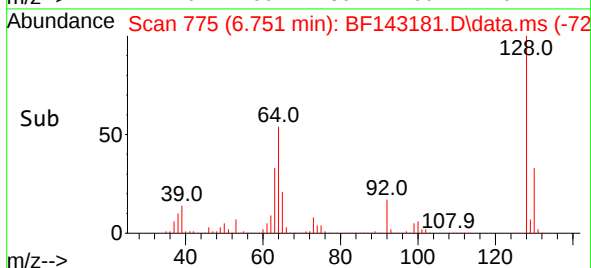
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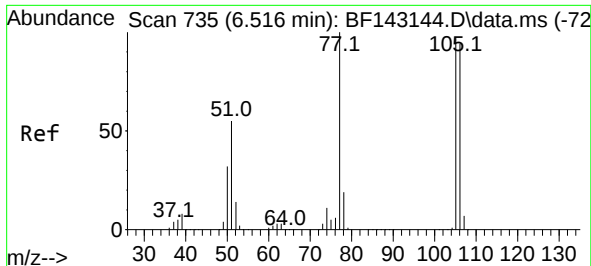


#8
2-Chlorophenol
Concen: 42.098 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



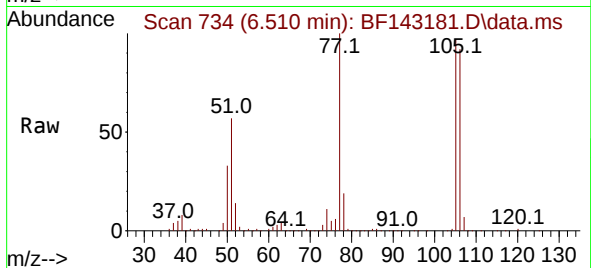
Tgt Ion:128 Resp: 380878
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 54.3 35.9 75.9





#9
Benzaldehyde
Concen: 32.860 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

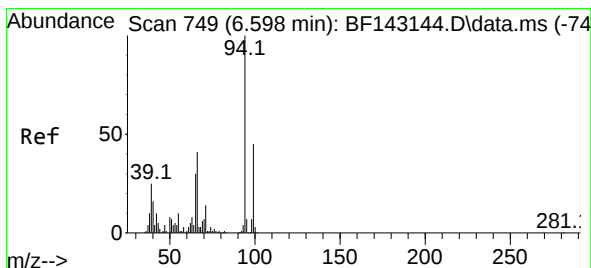
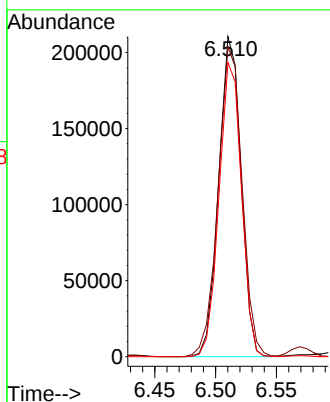
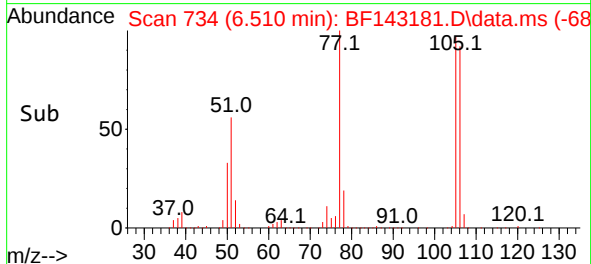
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 267699
Ion Ratio Lower Upper
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105 96.8 76.8 116.8
106 91.9 74.4 114.4

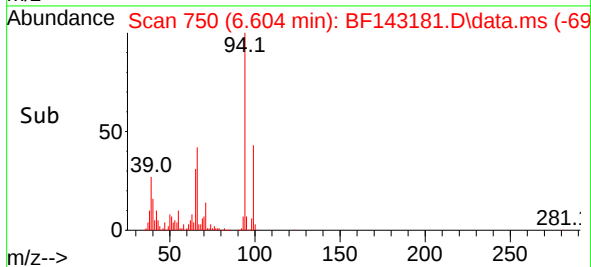
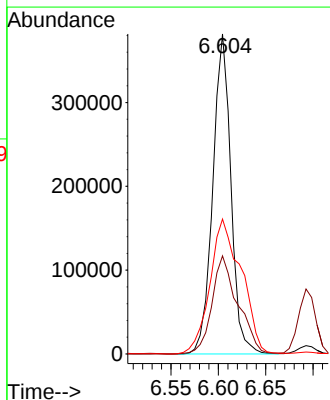
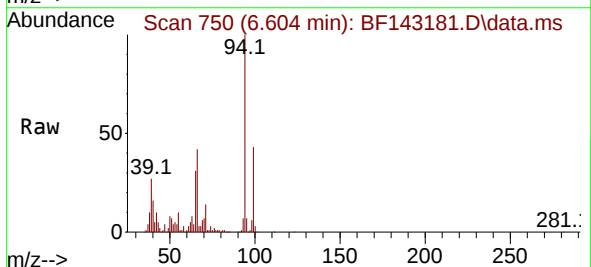
Manual Integrations
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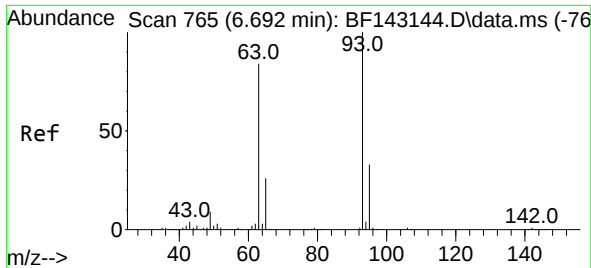
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#10
Phenol
Concen: 42.917 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143181.D
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Tgt Ion: 94 Resp: 507938
Ion Ratio Lower Upper
94 100
65 30.6 10.0 50.0
66 42.2 20.8 60.8





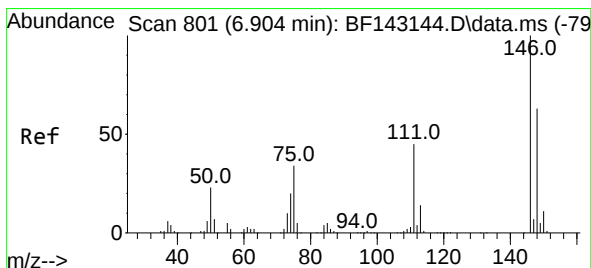
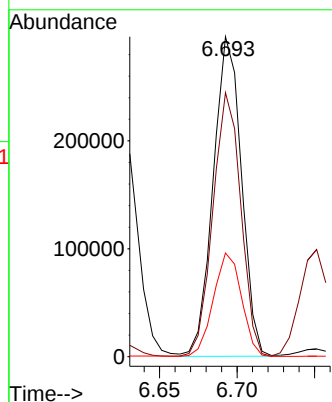
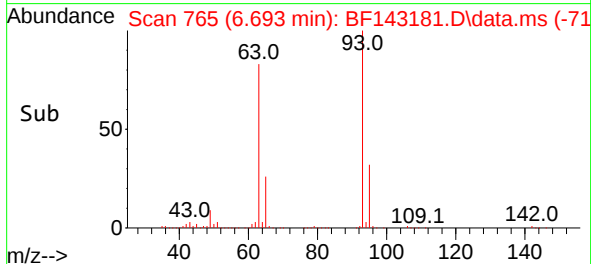
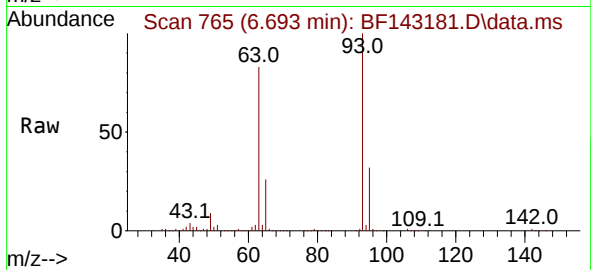
#11
bis(2-Chloroethyl)ether
Concen: 41.437 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion: 93 Resp: 375500
Ion Ratio Lower Upper
93 100
63 82.5 63.4 103.4
95 32.4 12.4 52.4

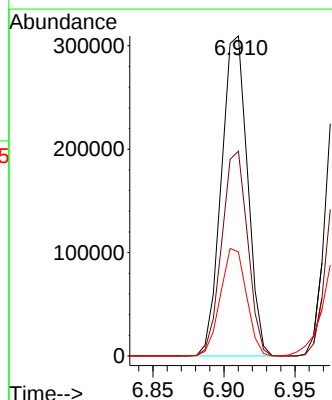
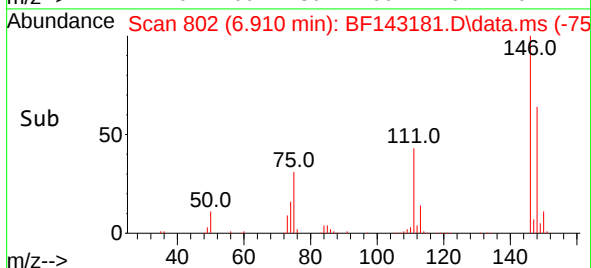
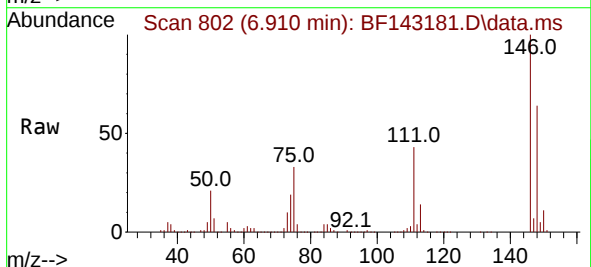
Manual Integrations
APPROVED

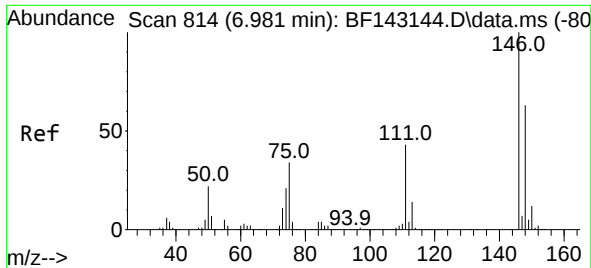
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#12
1,3-Dichlorobenzene
Concen: 40.301 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:146 Resp: 396098
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 32.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.480 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:146 Resp: 400660

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

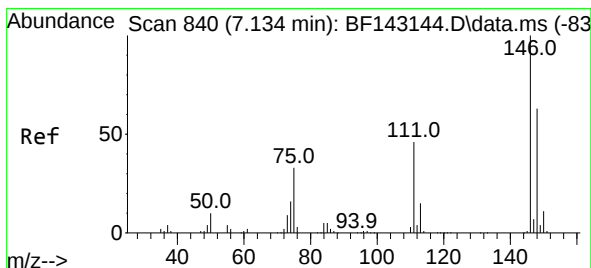
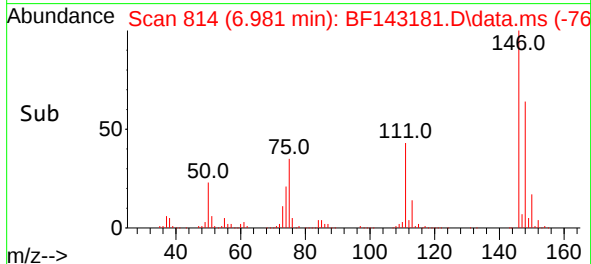
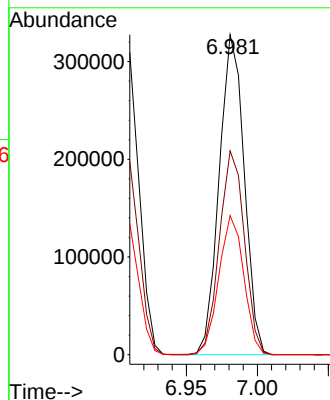
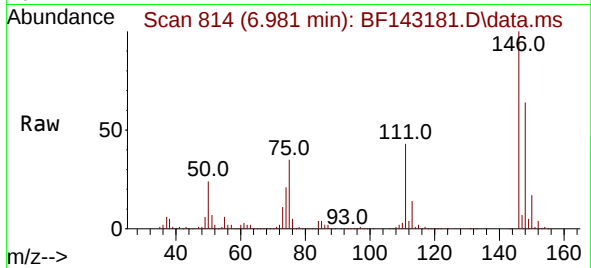
111 43.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#14

1,2-Dichlorobenzene

Concen: 40.994 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

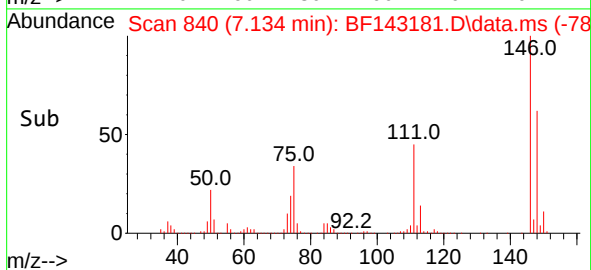
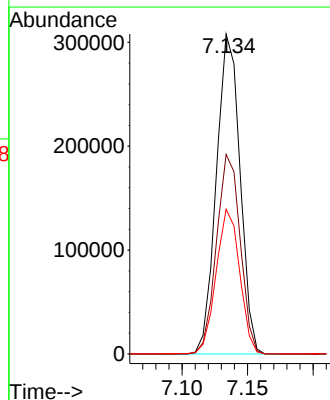
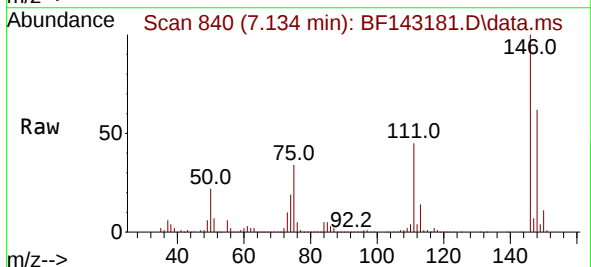
Tgt Ion:146 Resp: 385915

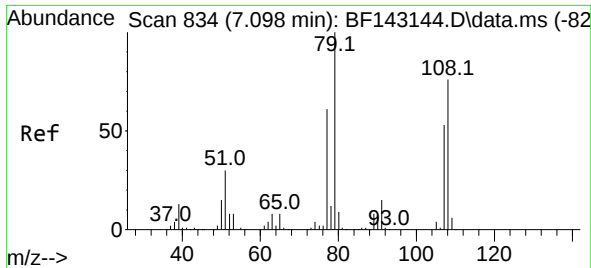
Ion Ratio Lower Upper

146 100

148 62.3 50.7 76.1

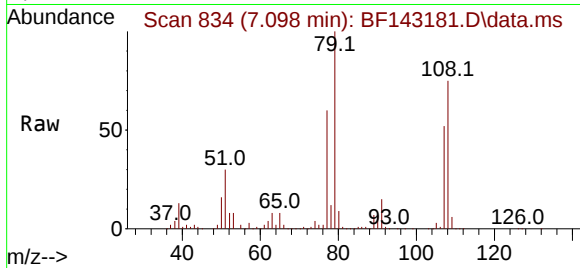
111 45.2 36.6 54.8





#15
Benzyl Alcohol
Concen: 44.206 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

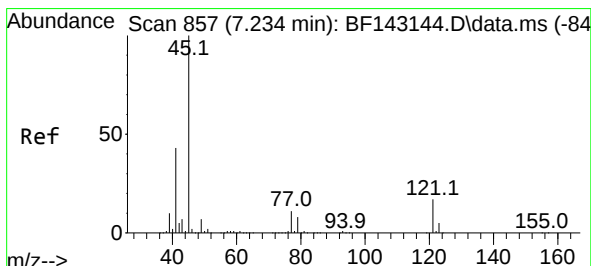
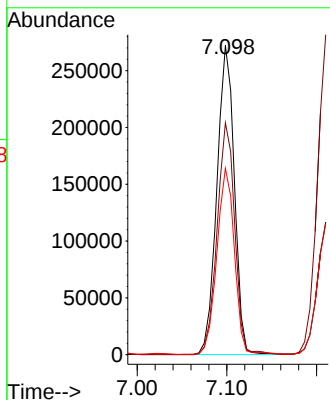
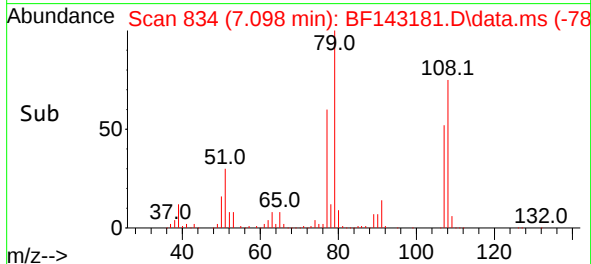
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



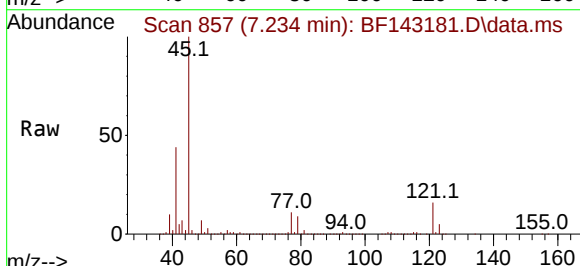
Tgt Ion: 79 Resp: 366700
Ion Ratio Lower Upper
79 100
108 75.0 61.1 91.7
77 60.2 48.9 73.3

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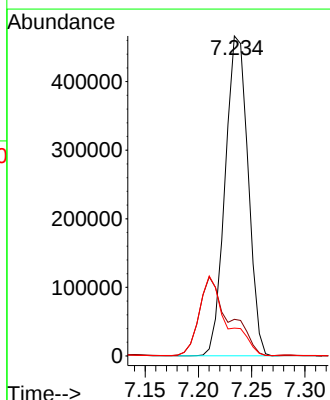
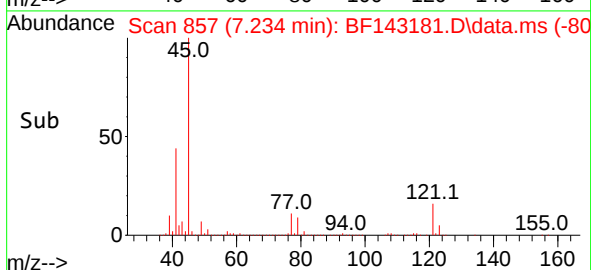
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

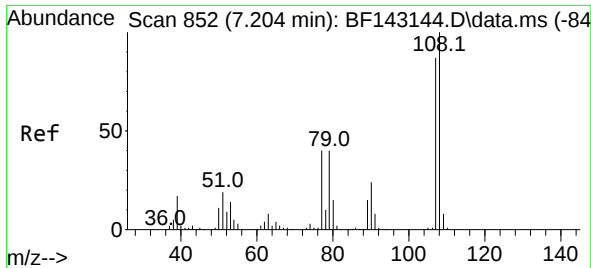


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.357 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



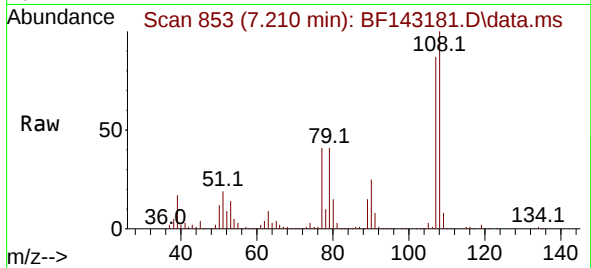
Tgt Ion: 45 Resp: 695231
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.7 0.0 28.5





#17
2-Methylphenol
Concen: 42.538 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

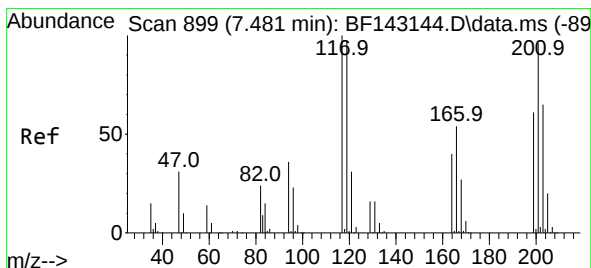
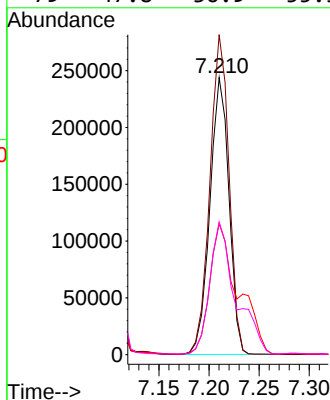
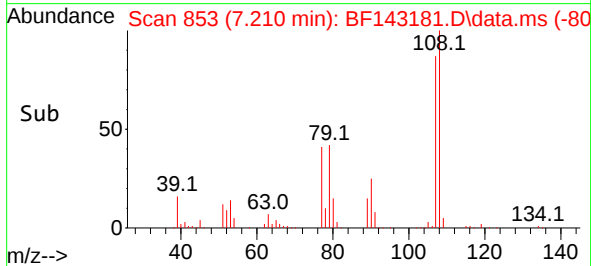
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:107 Resp: 323602
Ion Ratio Lower Upper
107 100
108 115.5 91.8 137.6
77 47.3 37.0 55.6
79 47.8 36.9 55.3

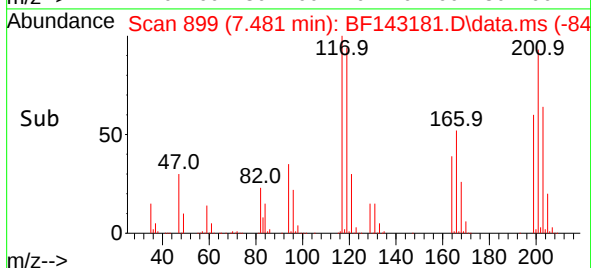
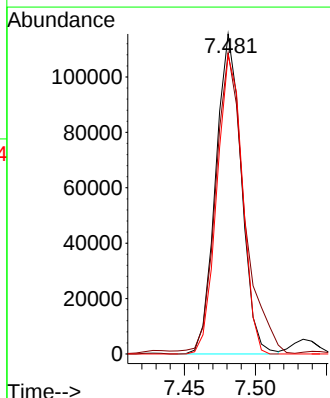
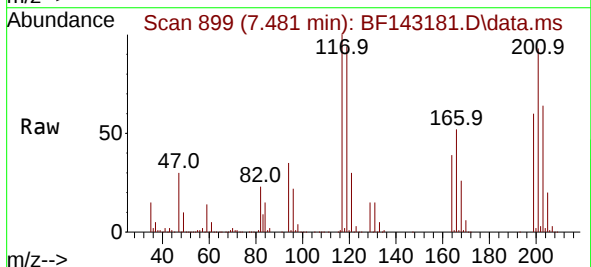
Manual Integrations
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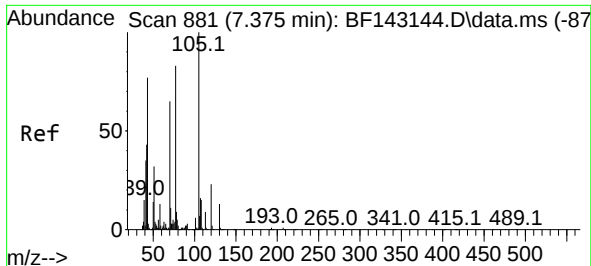
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#18
Hexachloroethane
Concen: 42.489 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:117 Resp: 145589
Ion Ratio Lower Upper
117 100
119 94.1 77.8 116.8
201 93.3 77.0 115.4





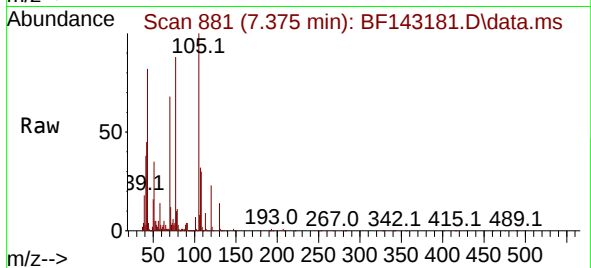
#19
n-Nitroso-di-n-propylamine
Concen: 40.484 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD



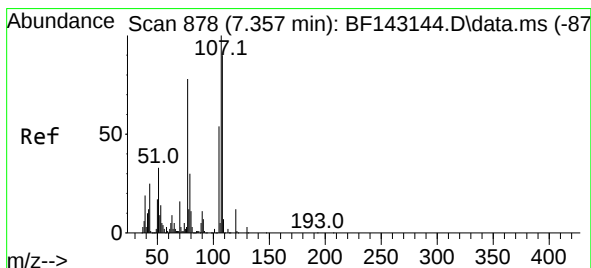
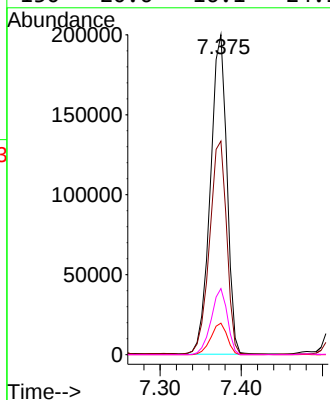
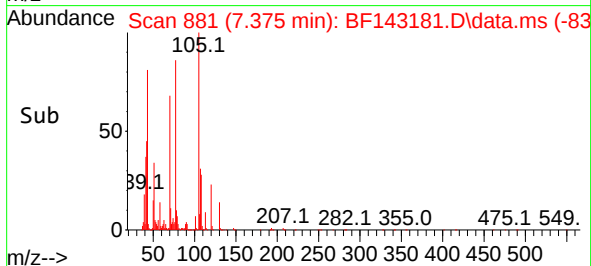
Tgt Ion: 70 Resp: 28218
Ion Ratio Lower Upper
70 100
42 66.8 52.5 78.7
101 9.9 7.6 11.4
130 20.6 16.1 24.1

Manual Integrations

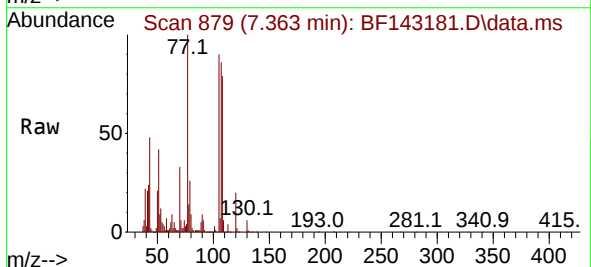
APPROVED

Reviewed By :Rahul Chavli 07/23/2025

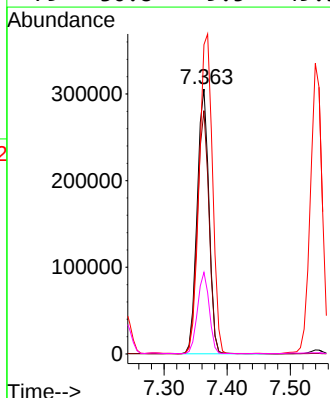
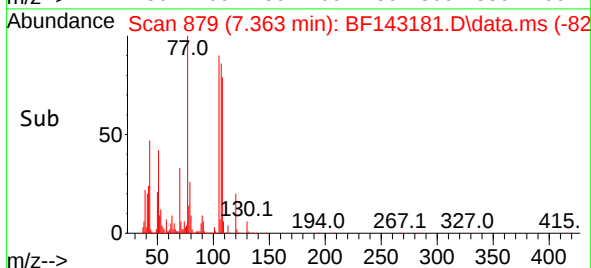
Supervised By :Jagrut Upadhyay 07/23/2025



#20
3+4-Methylphenols
Concen: 42.952 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:107 Resp: 396436
Ion Ratio Lower Upper
107 100
108 91.8 70.0 110.0
77 116.7 57.8 97.8#
79 30.8 9.5 49.5





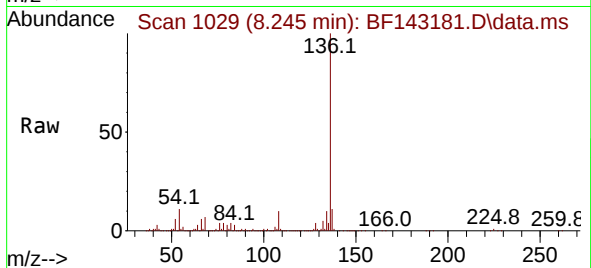
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD



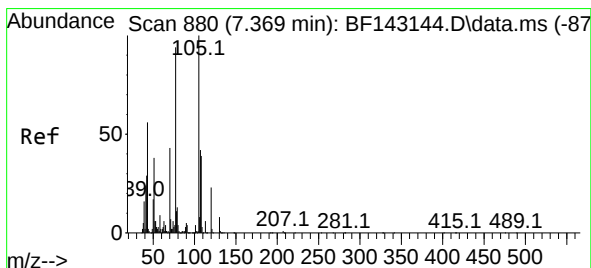
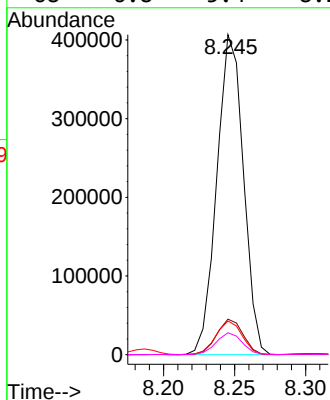
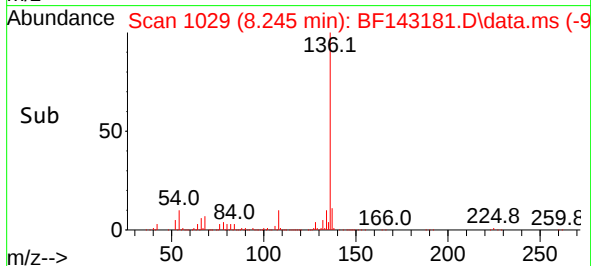
Tgt Ion:136 Resp: 529762
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.6 8.2 12.2
68 6.8 5.4 8.2

Manual Integrations

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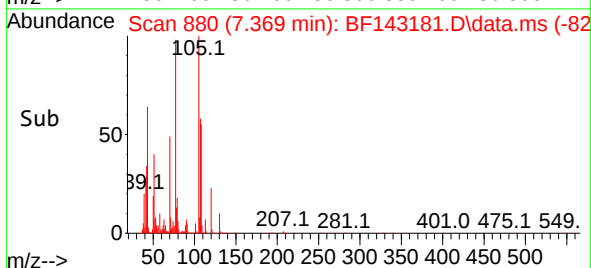
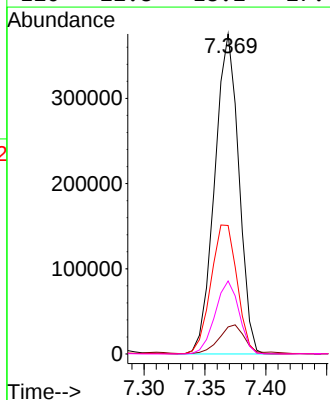
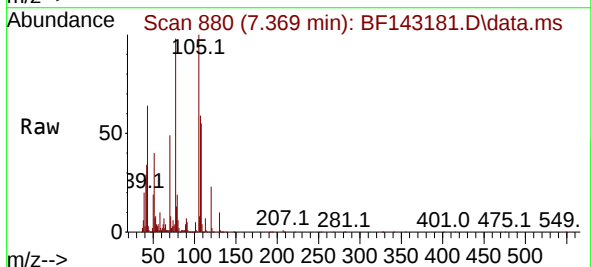
Reviewed By :Rahul Chavli 07/23/2025

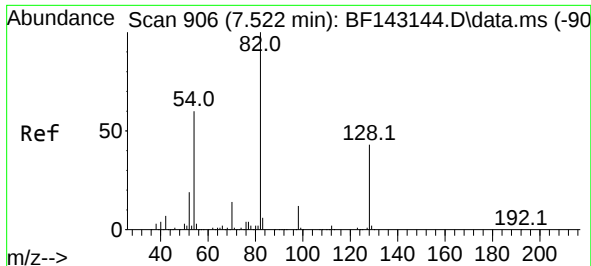
Supervised By :Jagrut Upadhyay 07/23/2025



#22
Acetophenone
Concen: 41.311 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:105 Resp: 518130
Ion Ratio Lower Upper
105 100
71 8.5 5.8 8.6
51 40.1 30.2 45.2
120 22.8 18.2 27.4





#23
Nitrobenzene-d5
Concen: 57.720 ng
RT: 7.522 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

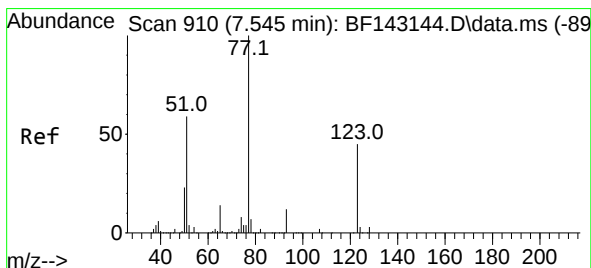
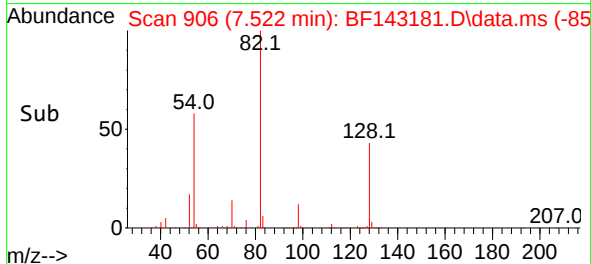
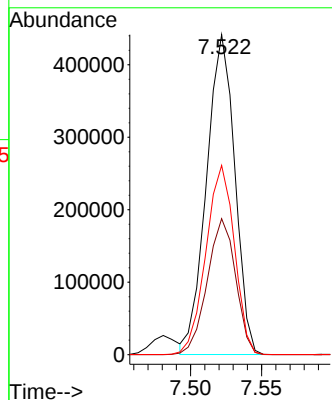
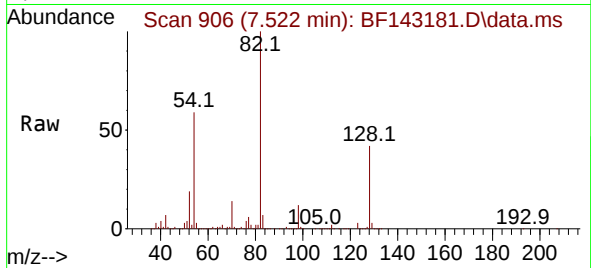
ClientSampleId :

RT2286MSD

Tgt Ion: 82 Resp: 613430
Ion Ratio Lower Upper
82 100
128 42.5 33.6 50.4
54 59.2 47.1 70.7

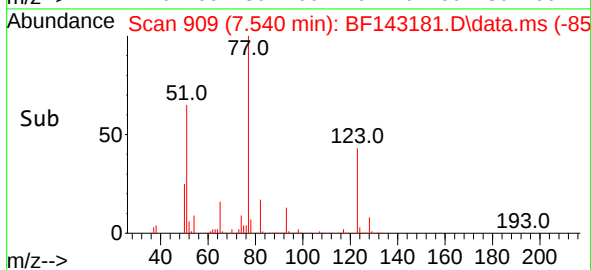
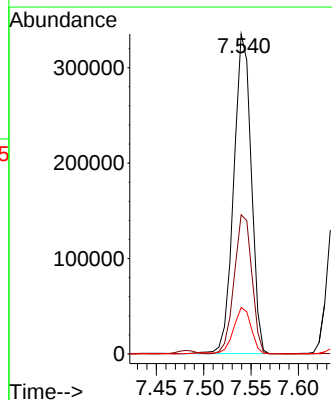
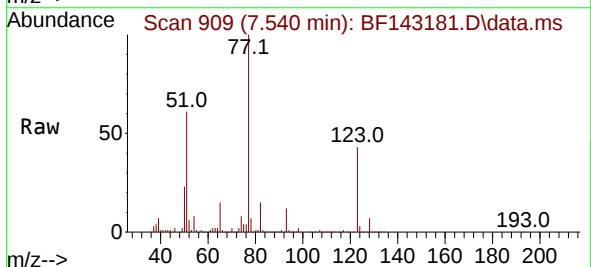
Manual Integrations
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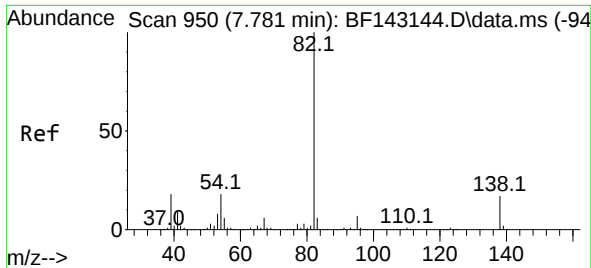
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#24
Nitrobenzene
Concen: 43.395 ng
RT: 7.540 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

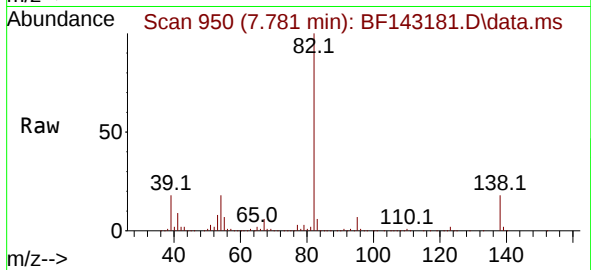
Tgt Ion: 77 Resp: 429974
Ion Ratio Lower Upper
77 100
123 43.5 36.1 54.1
65 14.5 11.4 17.2





#25
Isophorone
Concen: 42.282 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

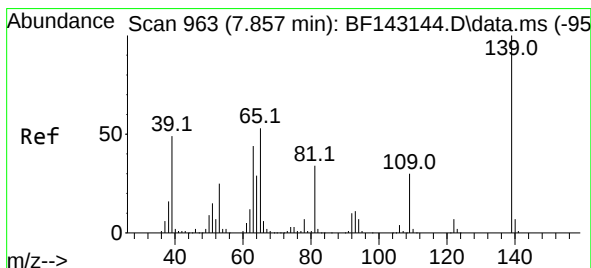
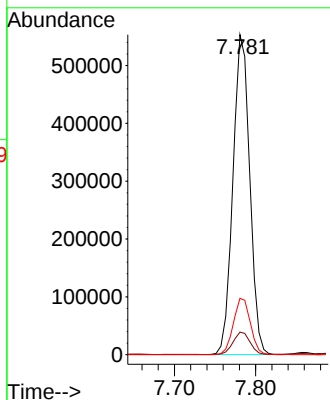
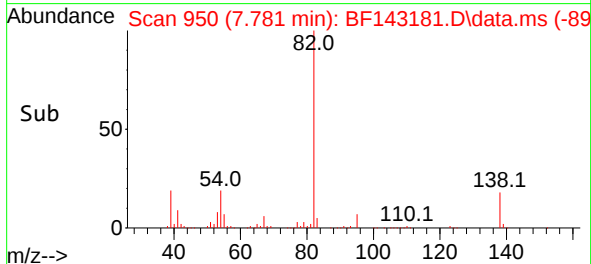
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion: 82 Resp: 793270
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 13.8 20.8

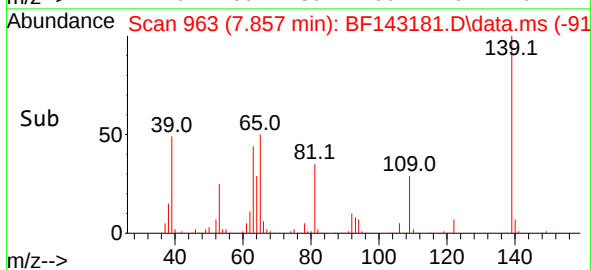
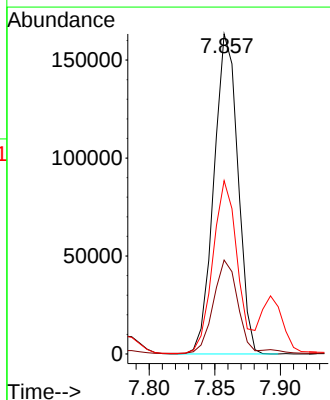
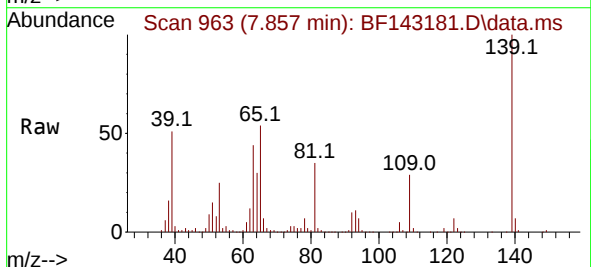
Manual Integrations
APPROVED

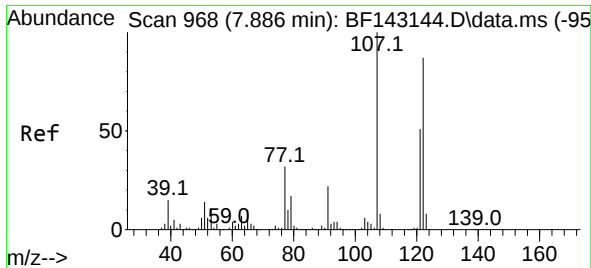
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#26
2-Nitrophenol
Concen: 48.321 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:139 Resp: 207791
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 54.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 42.358 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

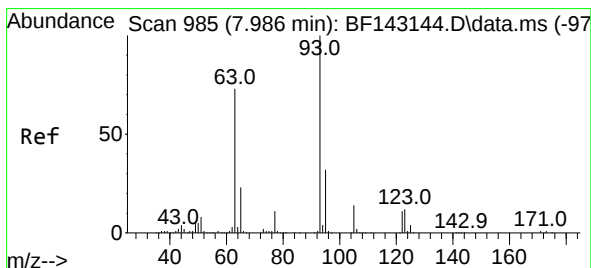
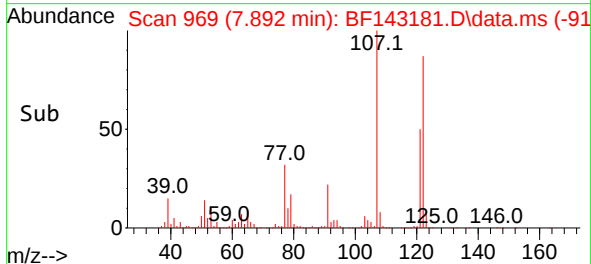
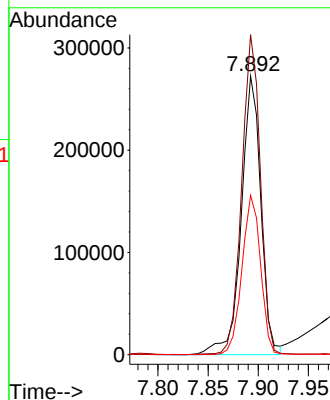
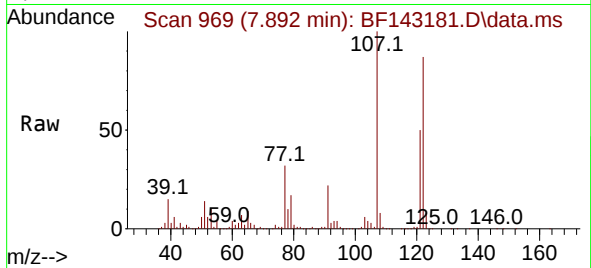
Tgt Ion:	122	Resp:	37128
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.8	137.6
121	57.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.702 ng

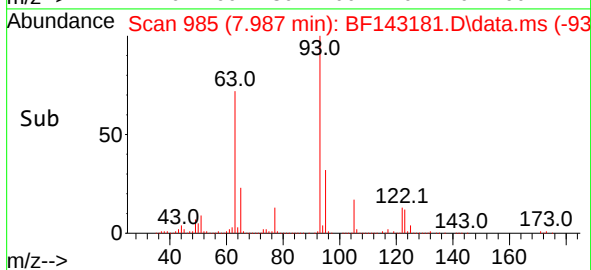
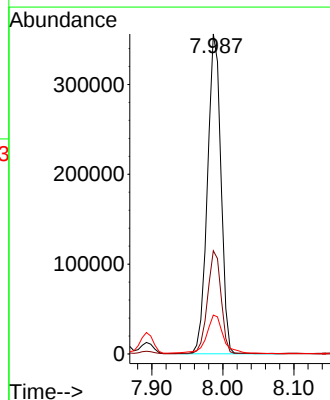
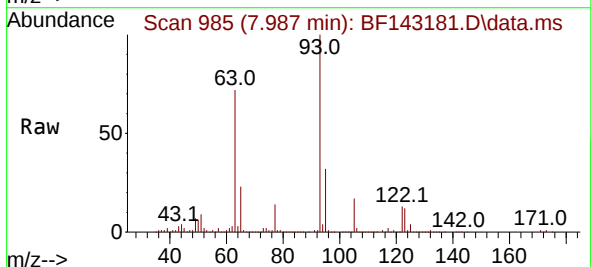
RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Tgt Ion:	93	Resp:	469100
Ion Ratio	Lower	Upper	
93	100		
95	32.3	25.8	38.6
123	12.2	9.7	14.5





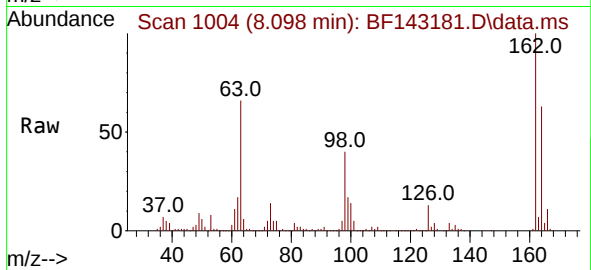
#29
2,4-Dichlorophenol
Concen: 42.863 ng
RT: 8.098 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD



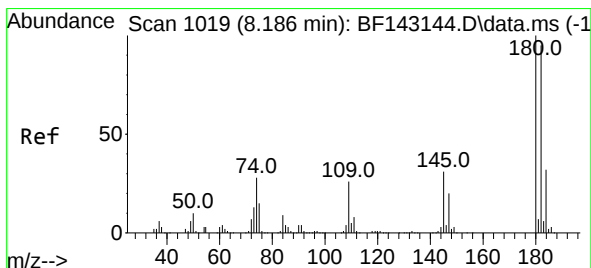
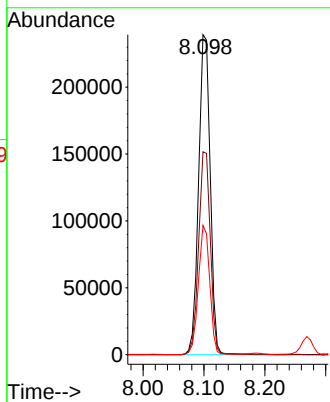
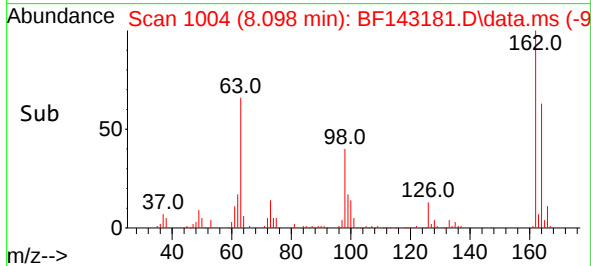
Tgt Ion:162 Resp: 316852
Ion Ratio Lower Upper
162 100
164 63.4 44.2 84.2
98 40.4 17.9 57.9

Manual Integrations

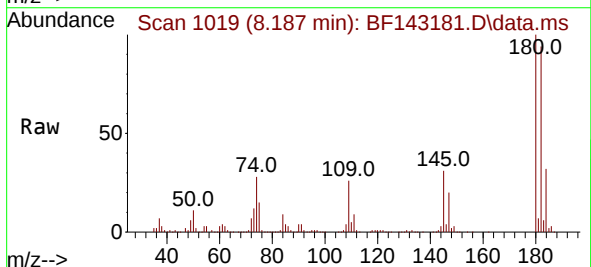
APPROVED

Reviewed By :Rahul Chavli 07/23/2025

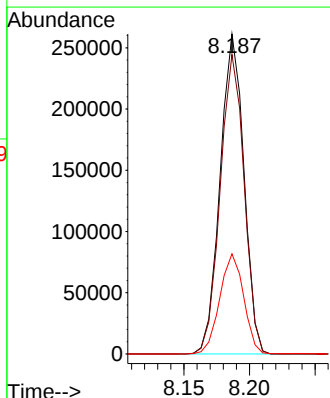
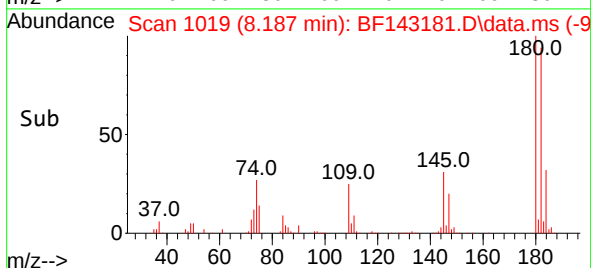
Supervised By :Jagrut Upadhyay 07/23/2025

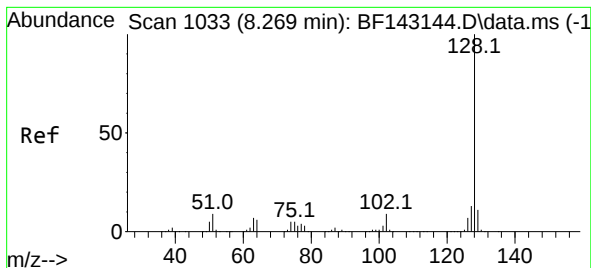


#30
1,2,4-Trichlorobenzene
Concen: 41.232 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:180 Resp: 329282
Ion Ratio Lower Upper
180 100
182 93.6 76.2 114.2
145 31.3 25.0 37.6





#31

Naphthalene

Concen: 44.458 ng

RT: 8.269 min Scan# 1033

Delta R.T. 0.000 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:128 Resp: 1159919

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

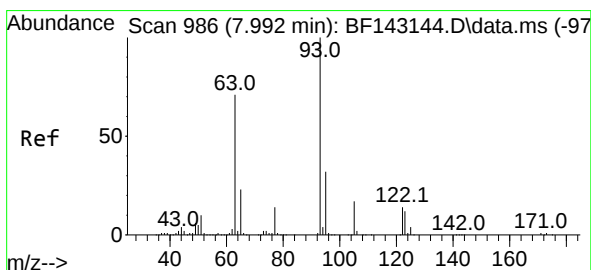
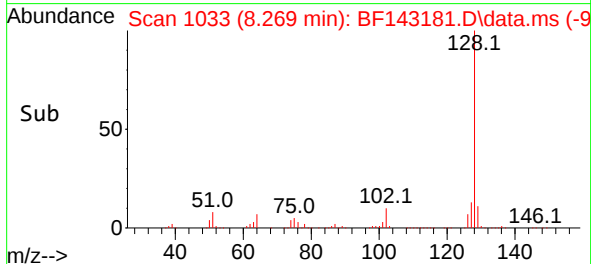
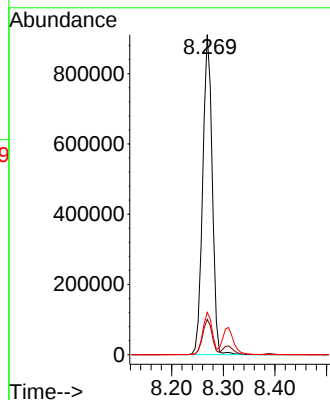
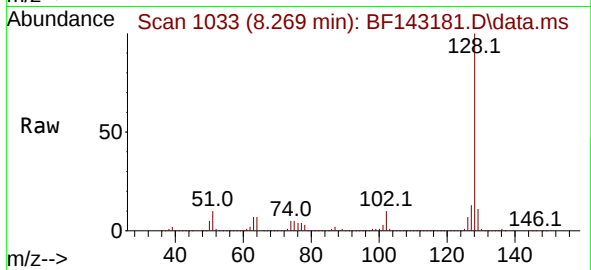
127 13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#32

Benzoic acid

Concen: 52.195 ng

RT: 8.010 min Scan# 989

Delta R.T. 0.018 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

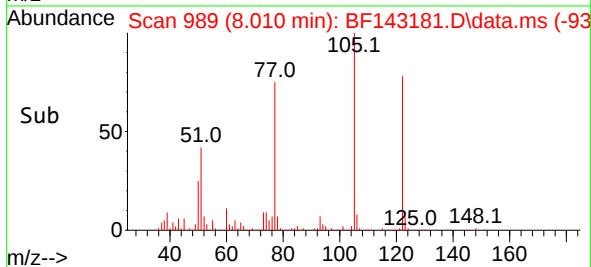
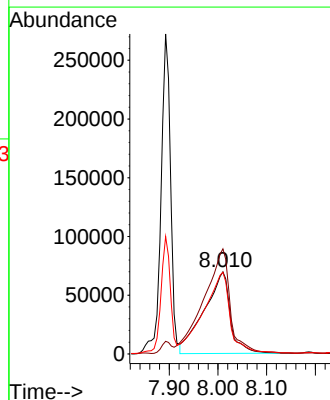
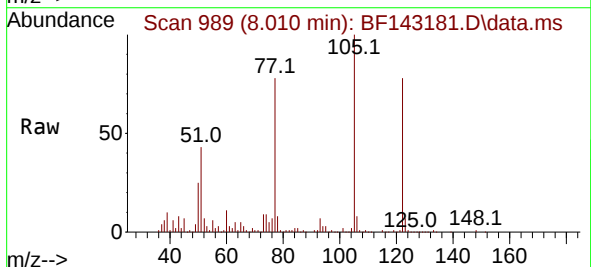
Tgt Ion:122 Resp: 260227

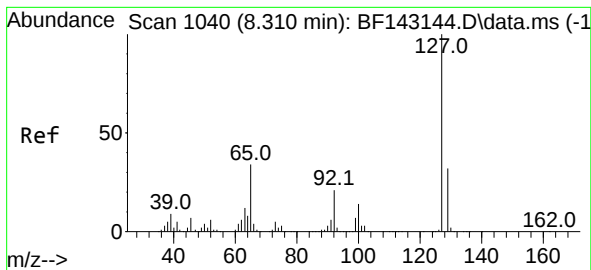
Ion Ratio Lower Upper

122 100

105 128.1 104.8 144.8

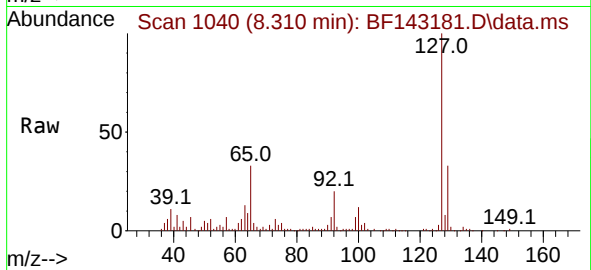
77 99.6 77.6 117.6





#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

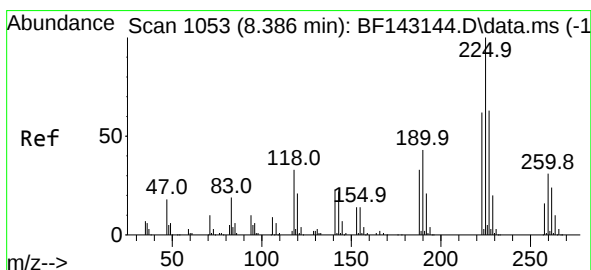
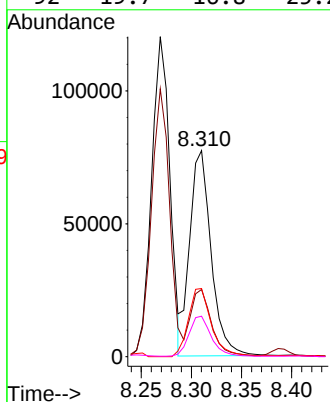
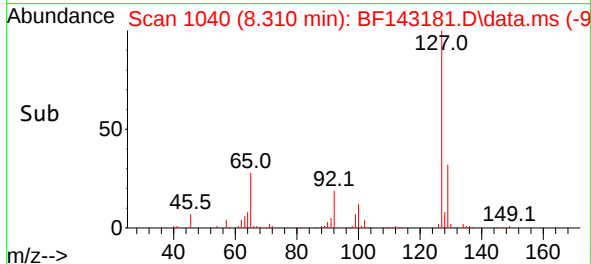


Tgt Ion:127 Resp: 114890

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	33.1	27.4	41.2
92	19.7	16.8	25.2

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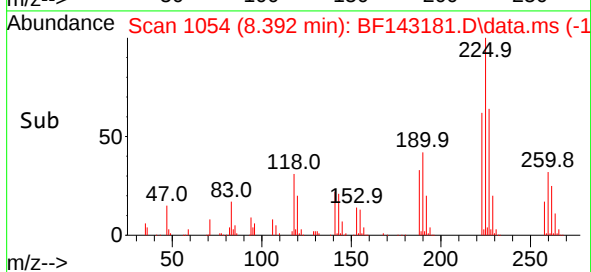
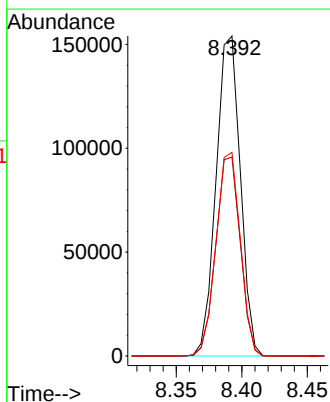
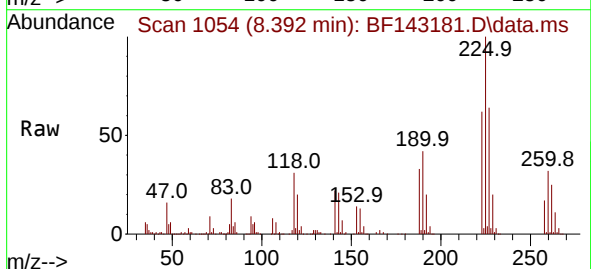
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

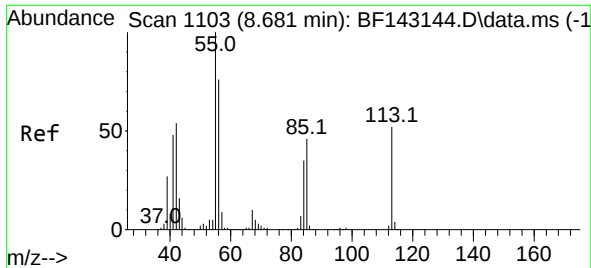


#34
Hexachlorobutadiene
Concen: 40.563 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:225 Resp: 197888

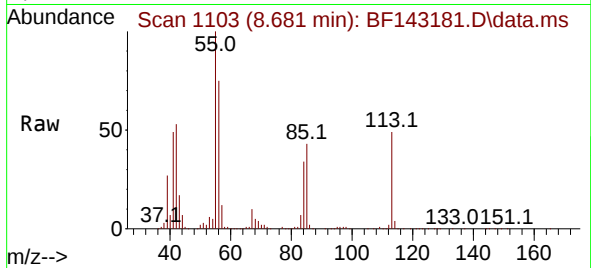
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.6
227	63.7	50.2	75.4





#35
Caprolactam
Concen: 51.232 ng
RT: 8.681 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

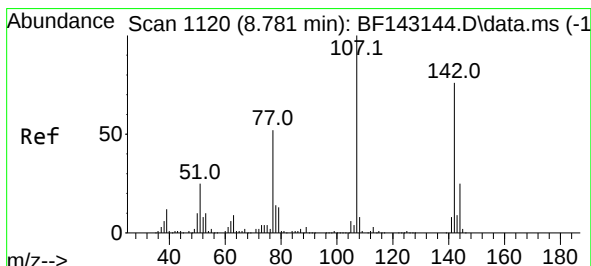
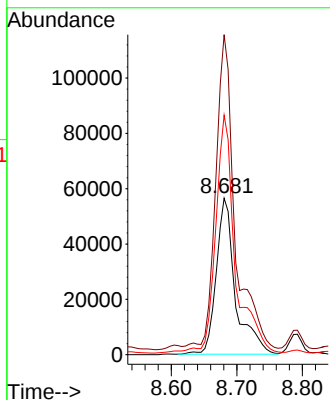
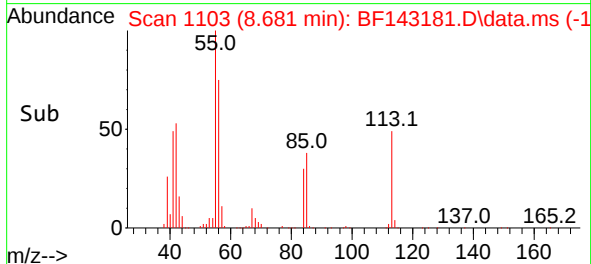
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:113 Resp: 11444
Ion Ratio Lower Upper
113 100
55 204.6 174.0 214.0
56 153.2 126.6 166.6

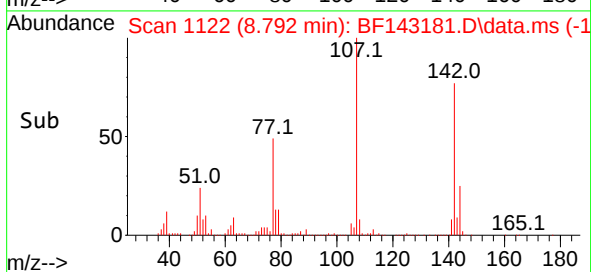
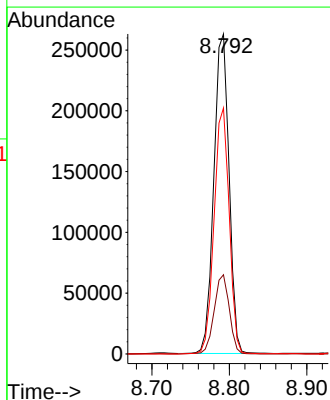
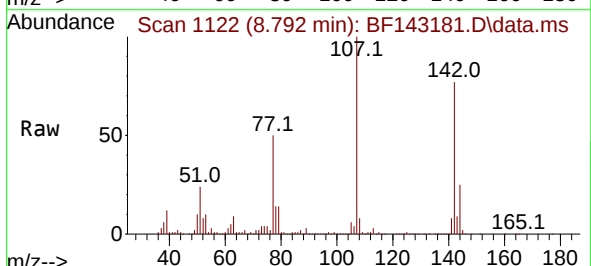
Manual Integrations
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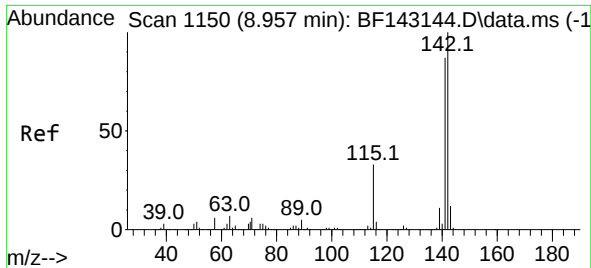
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#36
4-Chloro-3-methylphenol
Concen: 44.590 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:107 Resp: 358269
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.6
142 76.9 60.6 90.8





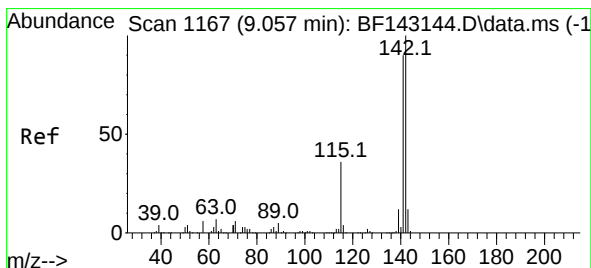
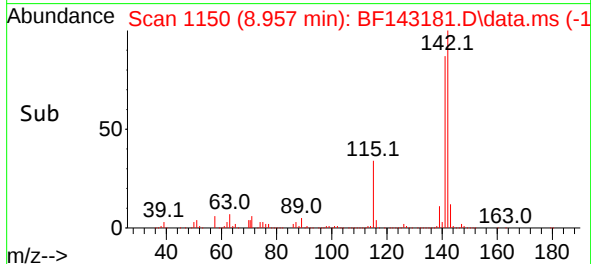
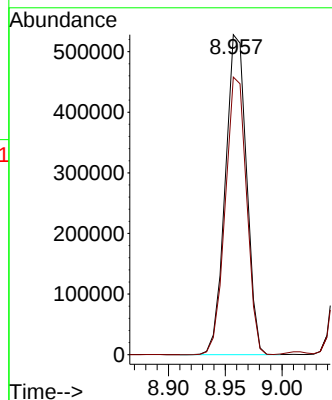
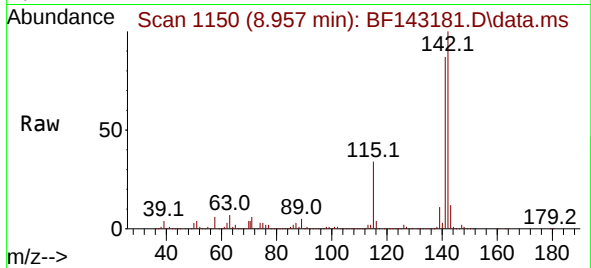
#37
2-Methylnaphthalene
Concen: 43.229 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:142 Resp: 68631
Ion Ratio Lower Upper
142 100
141 86.8 69.9 104.9

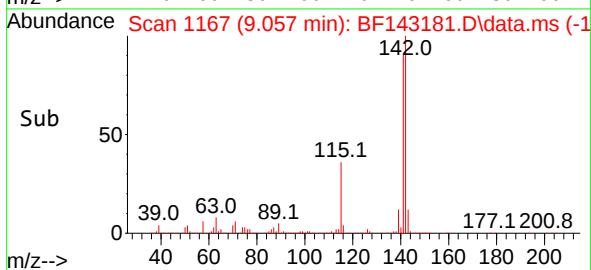
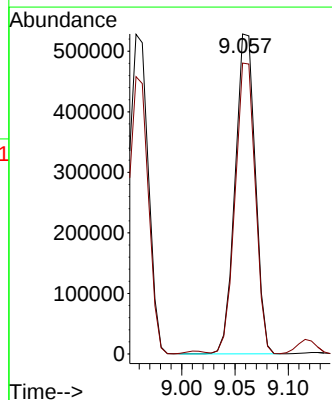
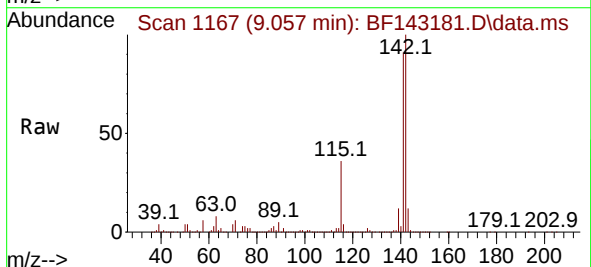
Manual Integrations
APPROVED

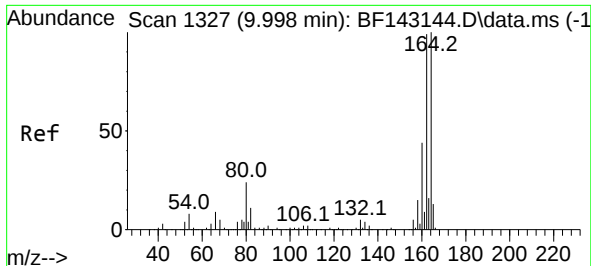
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#38
1-Methylnaphthalene
Concen: 42.680 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

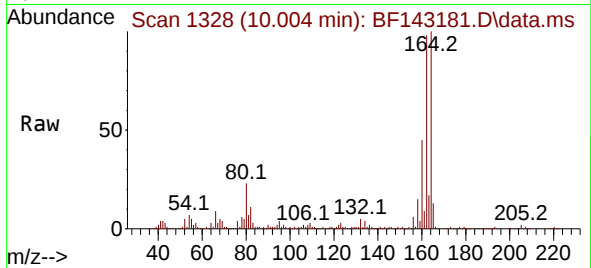
Tgt Ion:142 Resp: 697758
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

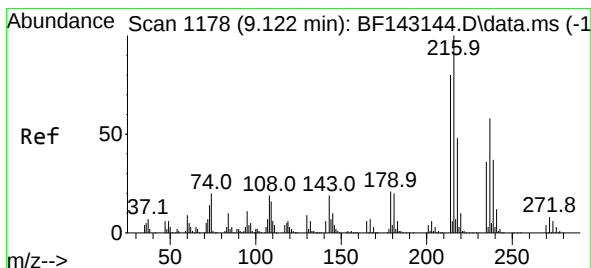
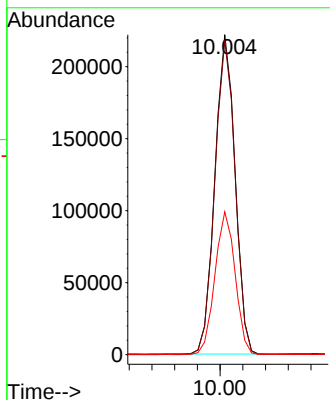
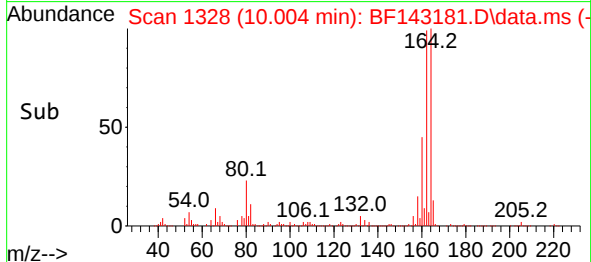
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:164 Resp: 274462
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 44.7 35.1 52.7

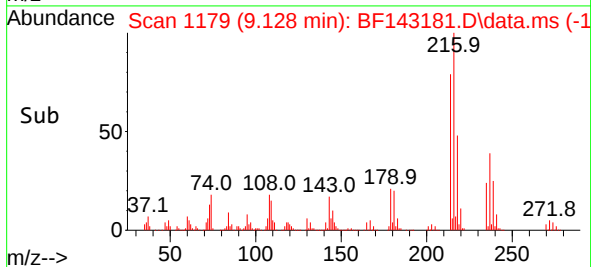
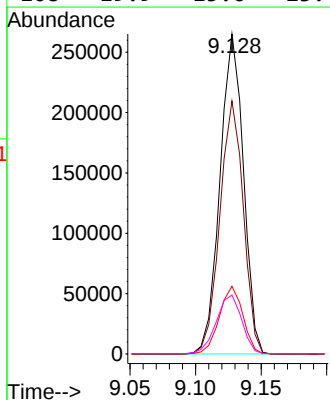
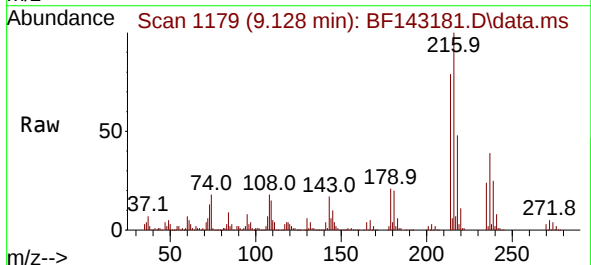
Manual Integrations
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Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.506 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

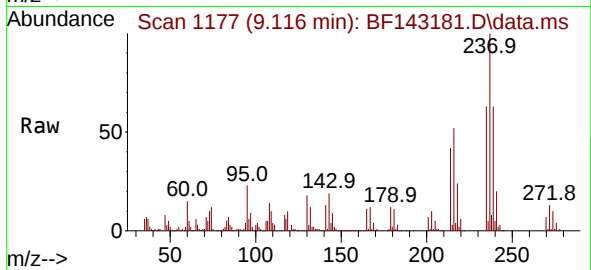
Tgt Ion:216 Resp: 328897
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.8
179 21.2 16.4 24.6
108 19.9 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 46.829 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

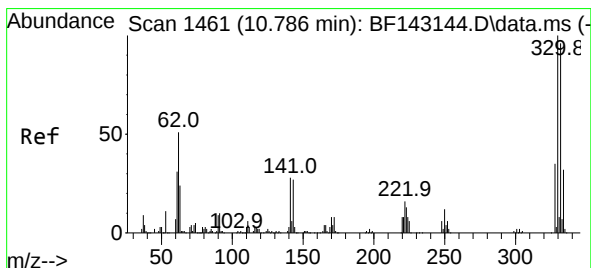
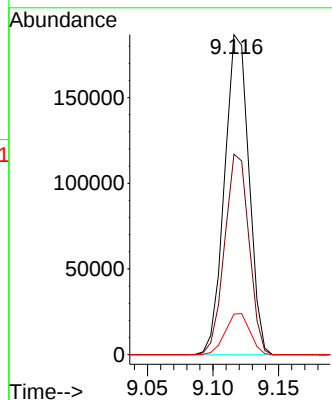
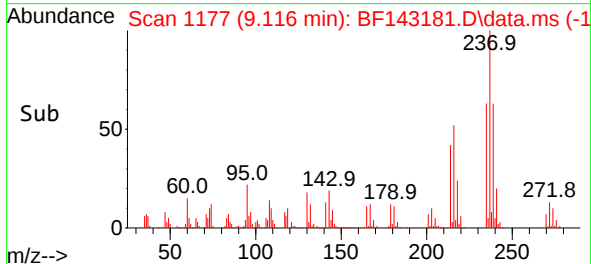
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



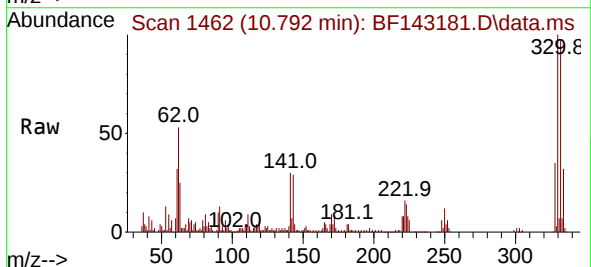
Tgt Ion:237 Resp: 241440
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 12.7 0.0 33.3

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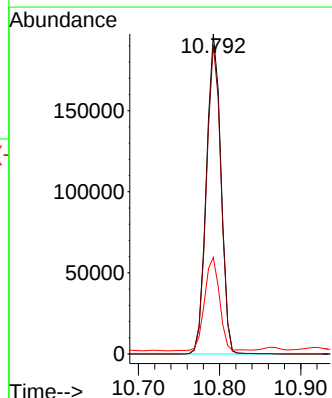
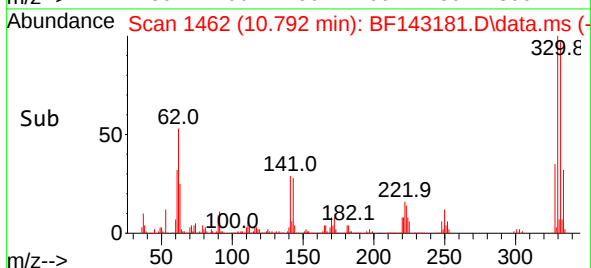
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#42
2,4,6-Tribromophenol
Concen: 86.354 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



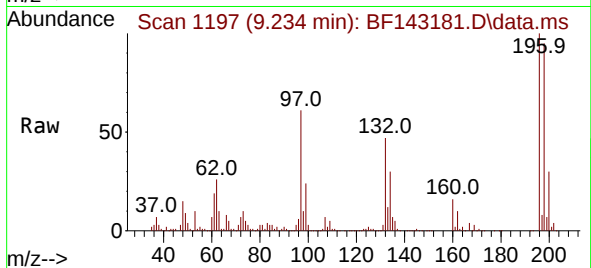
Tgt Ion:330 Resp: 244844
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 29.8 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 43.470 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

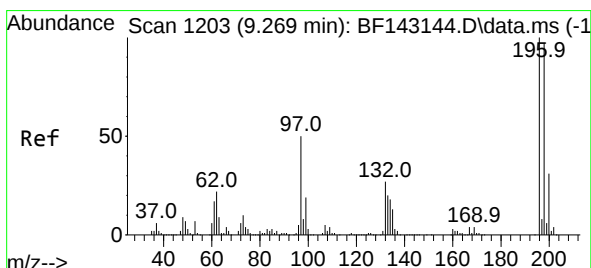
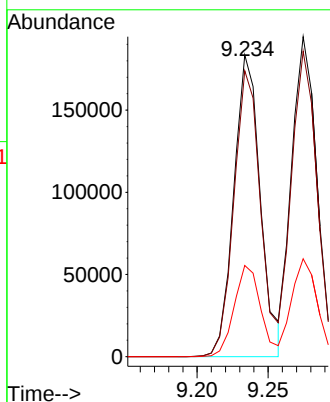
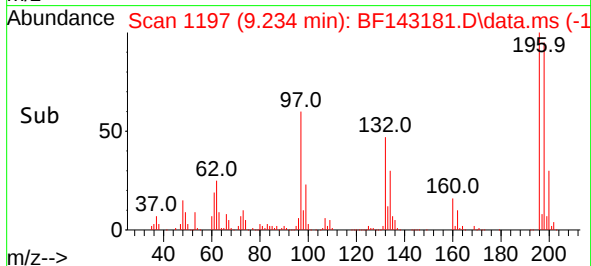
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



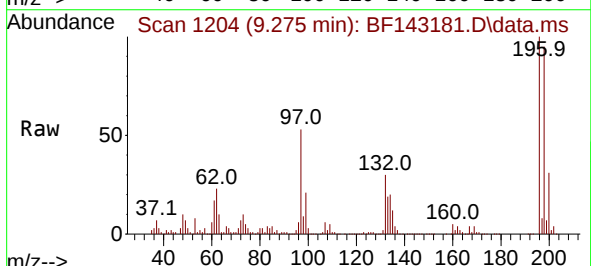
Tgt Ion:196 Resp: 238395
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.2
200 30.2 23.9 35.9

Manual Integrations
APPROVED

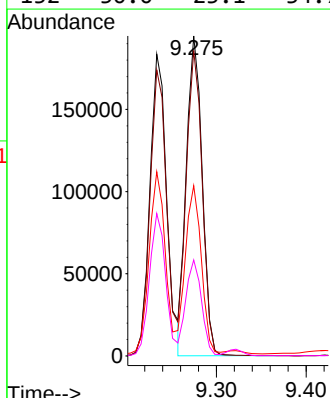
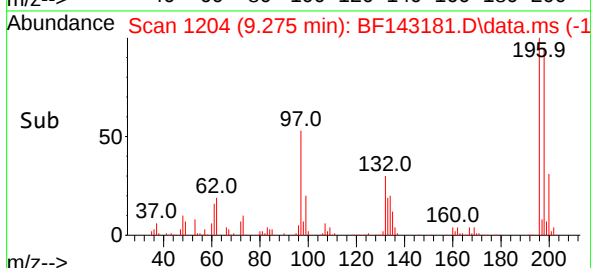
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

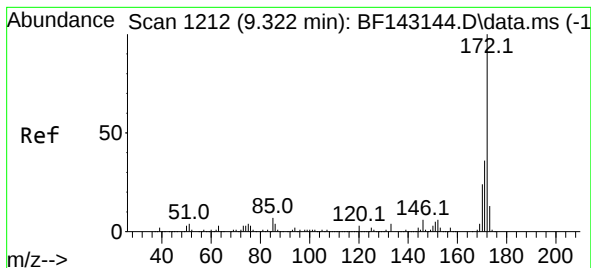


#44
2,4,5-Trichlorophenol
Concen: 43.512 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



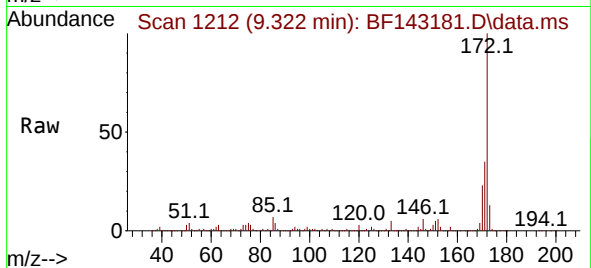
Tgt Ion:196 Resp: 238695
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
97 53.2 40.3 60.5
132 30.0 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 52.801 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

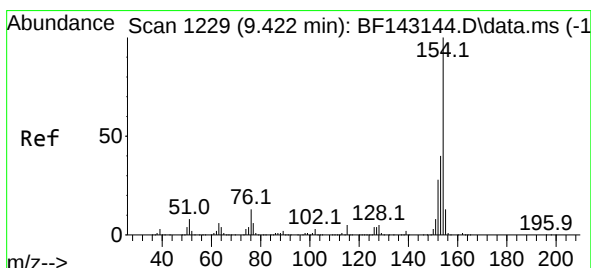
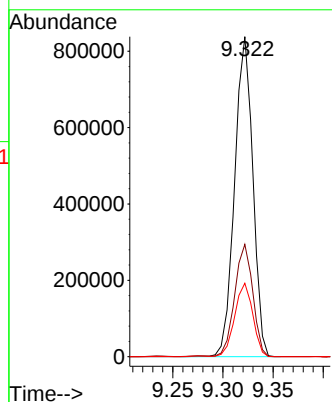
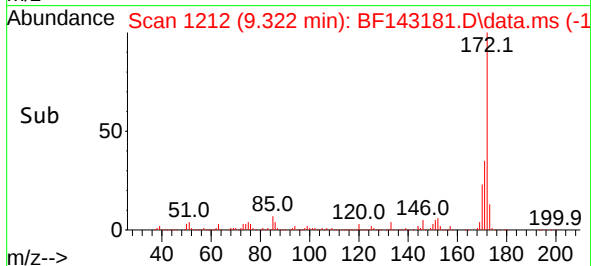
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



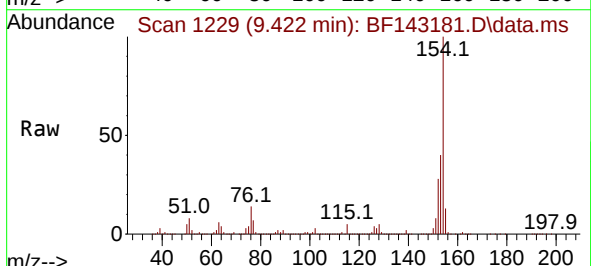
Tgt Ion:172 Resp: 105963
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.0 18.8 28.2

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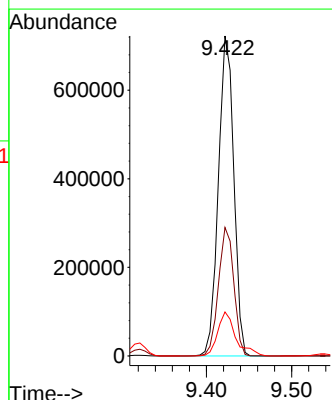
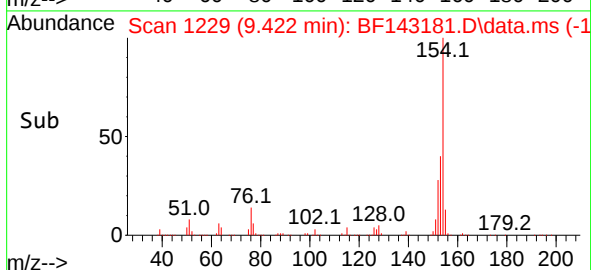
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

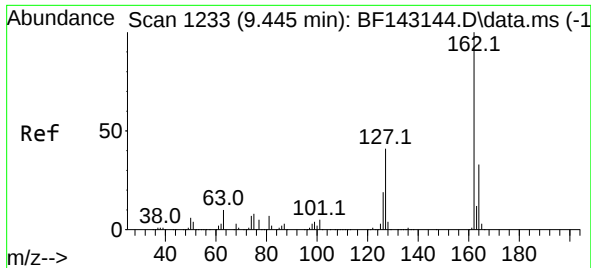


#46
1,1'-Biphenyl
Concen: 42.350 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:154 Resp: 906851
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.7 0.0 33.3





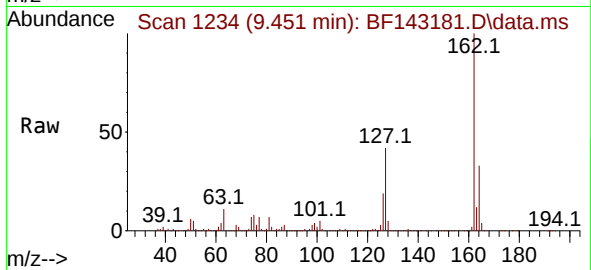
#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.451 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD



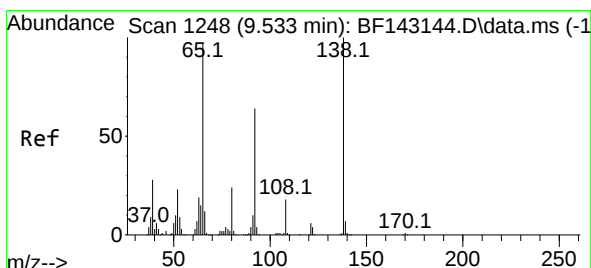
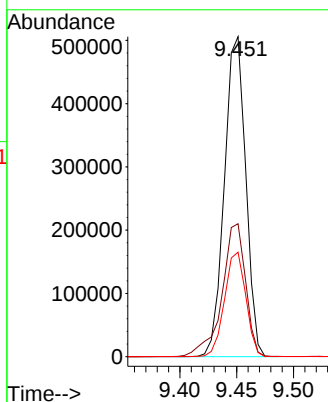
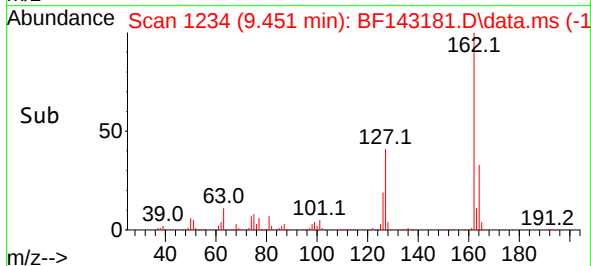
Tgt Ion:162 Resp: 66158
Ion Ratio Lower Upper
162 100
127 41.5 33.4 50.2
164 32.7 26.2 39.2

Manual Integrations

APPROVED

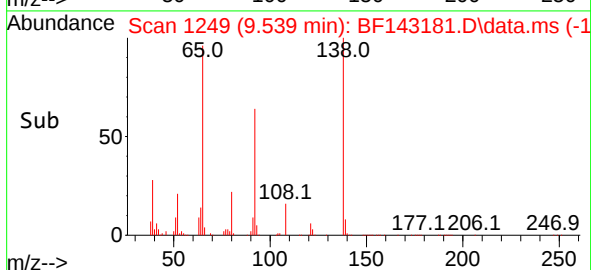
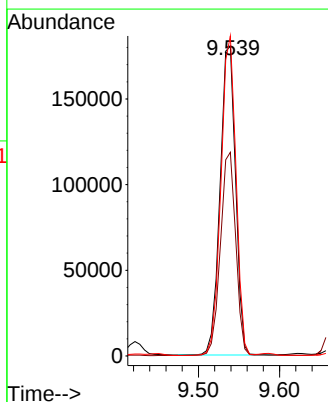
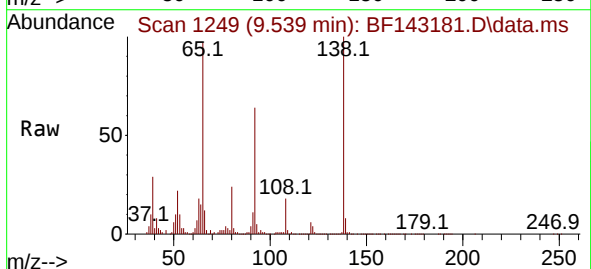
Reviewed By :Rahul Chavli 07/23/2025

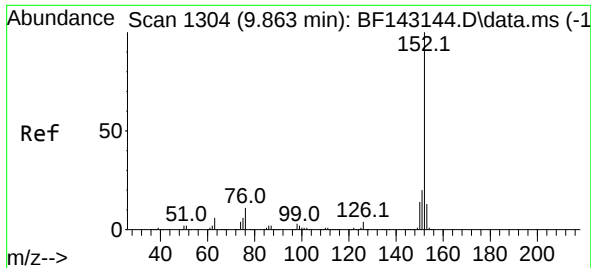
Supervised By :Jagrut Upadhyay 07/23/2025



#48
2-Nitroaniline
Concen: 48.368 ng
RT: 9.539 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

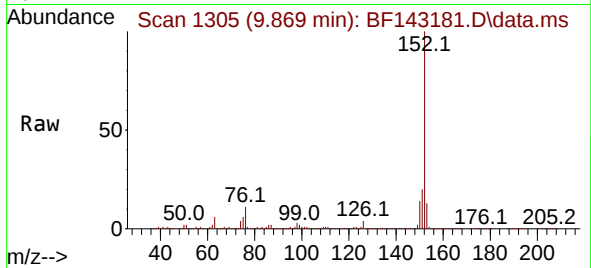
Tgt Ion: 65 Resp: 240330
Ion Ratio Lower Upper
65 100
92 65.7 52.4 78.6
138 103.3 82.3 123.5





#49
Acenaphthylene
Concen: 42.250 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

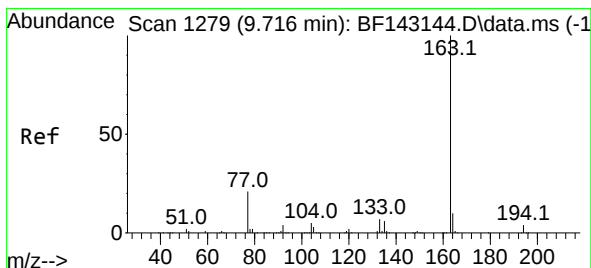
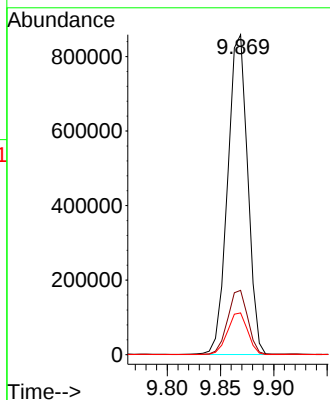
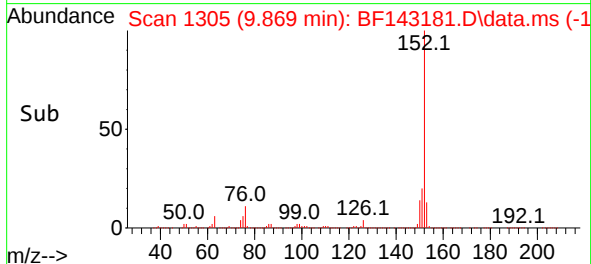
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



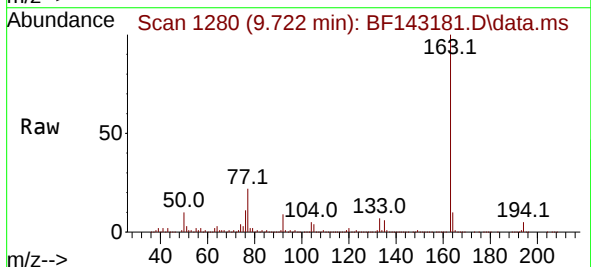
Tgt Ion:152 Resp: 112186
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 16.0

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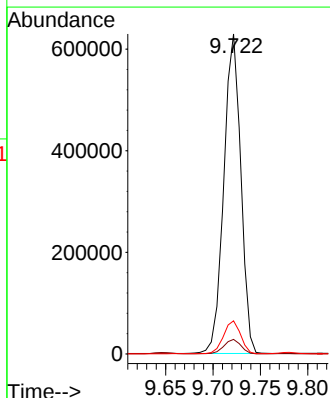
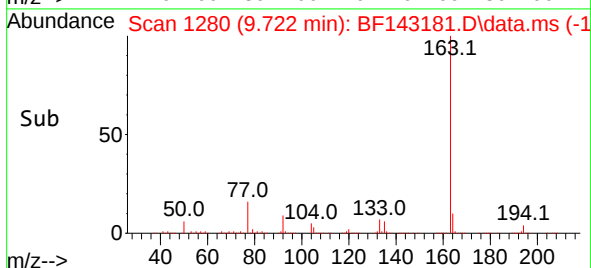
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

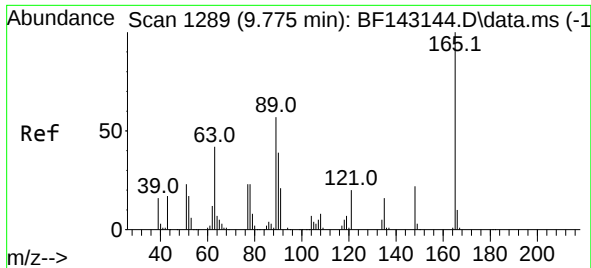


#50
Dimethylphthalate
Concen: 43.933 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:163 Resp: 785971
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.3 8.3 12.5





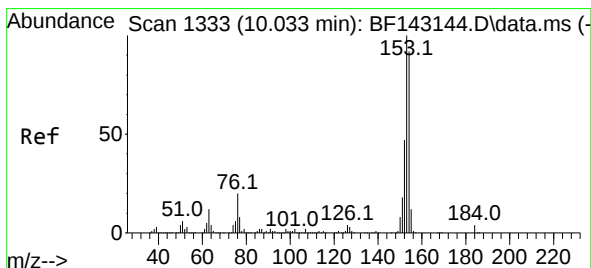
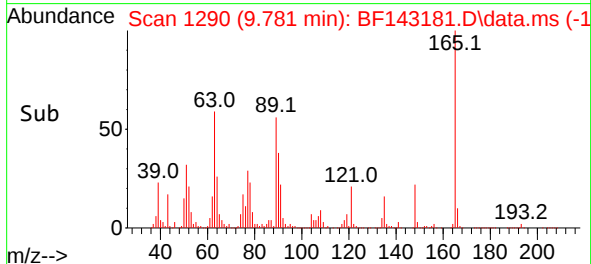
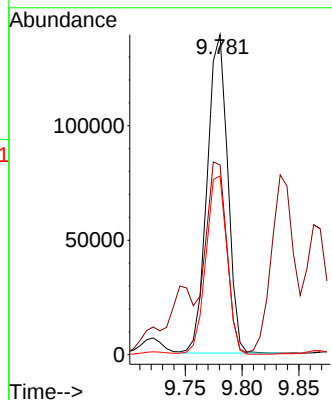
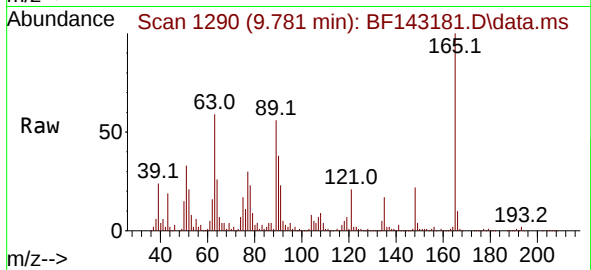
#51
2,6-Dinitrotoluene
Concen: 48.027 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:165 Resp: 174789
Ion Ratio Lower Upper
165 100
63 59.3 49.4 74.2
89 55.8 46.2 69.2

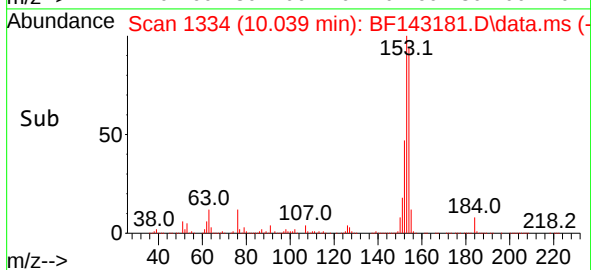
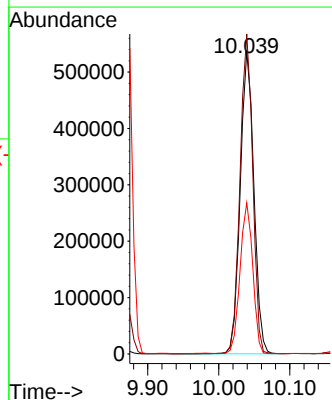
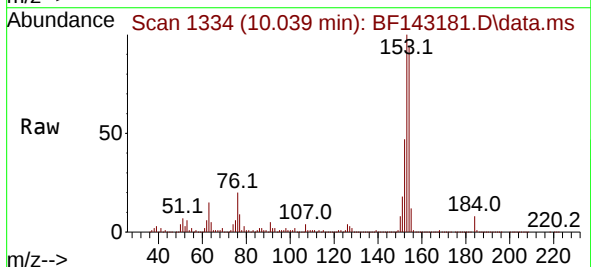
Manual Integrations
APPROVED

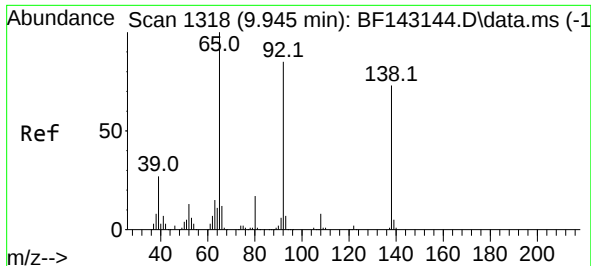
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#52
Acenaphthene
Concen: 45.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

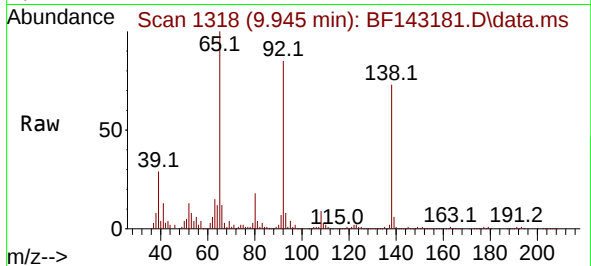
Tgt Ion:154 Resp: 717249
Ion Ratio Lower Upper
154 100
153 105.9 86.6 129.8
152 50.0 40.4 60.6





#53
3-Nitroaniline
Concen: 33.307 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

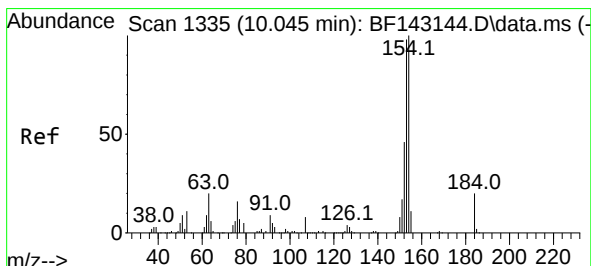
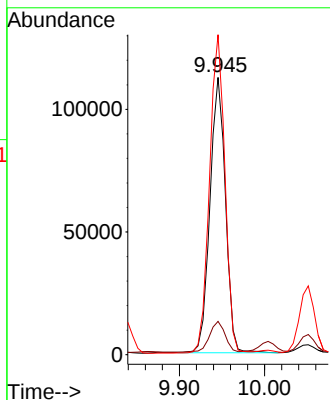
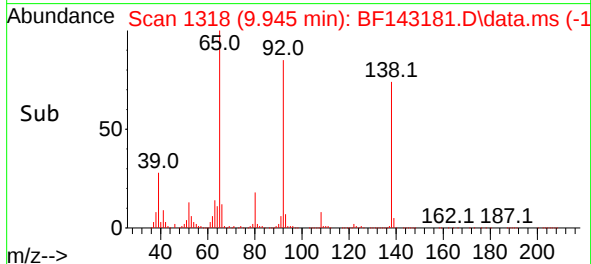
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:138 Resp: 141784
Ion Ratio Lower Upper
138 100
108 12.0 9.0 13.6
92 115.4 93.0 139.4

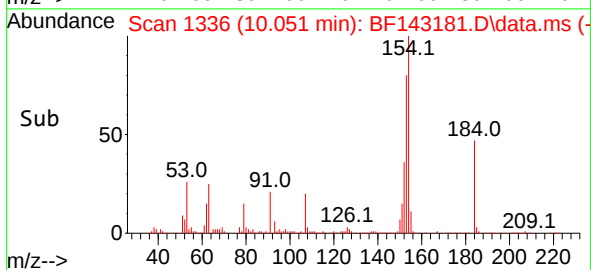
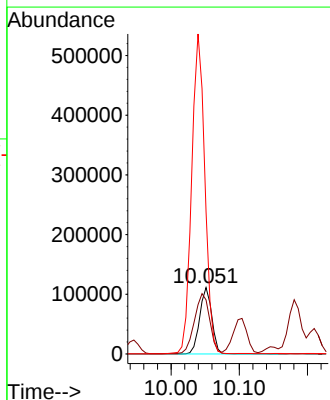
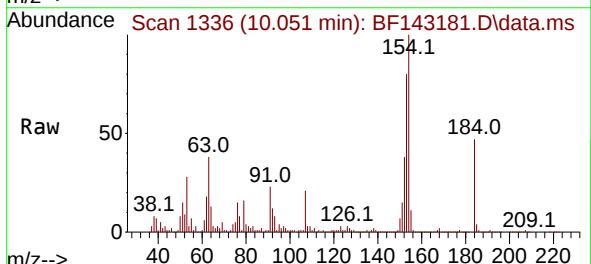
Manual Integrations
APPROVED

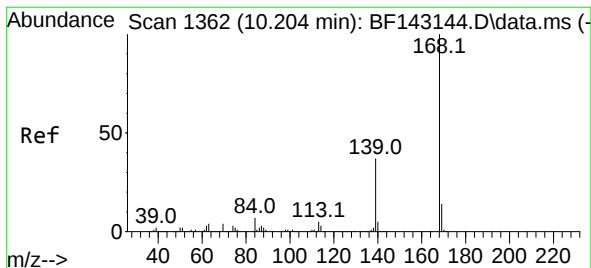
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#54
2,4-Dinitrophenol
Concen: 83.480 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

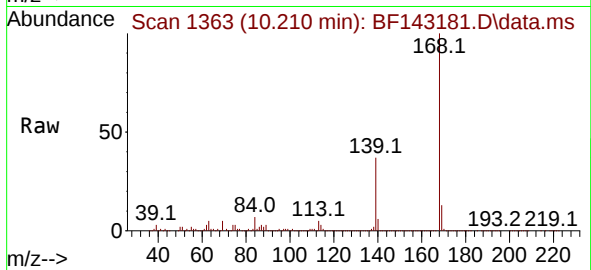
Tgt Ion:184 Resp: 138218
Ion Ratio Lower Upper
184 100
63 81.4 81.8 122.6#
154 214.4 412.2 618.4#





#55
Dibenzenofuran
Concen: 42.608 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

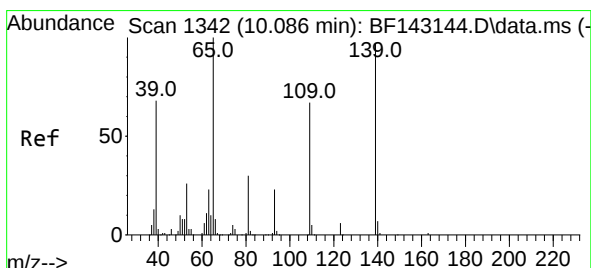
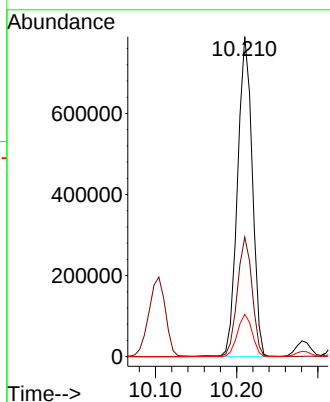
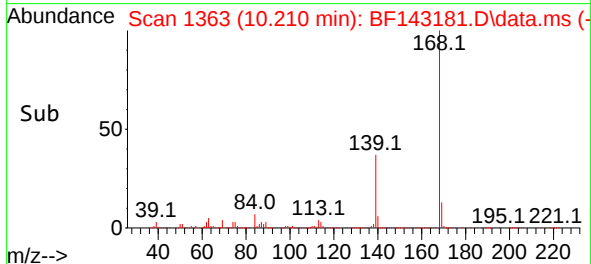
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:168 Resp: 992798
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.3 10.9 16.3

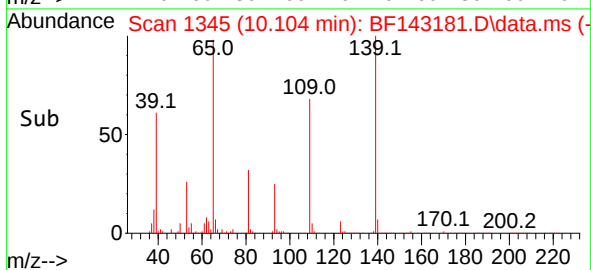
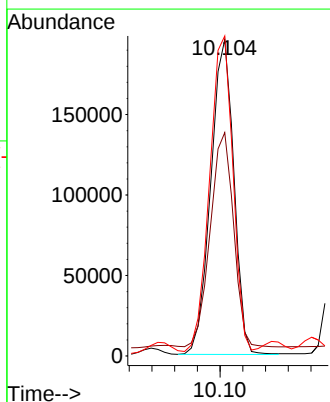
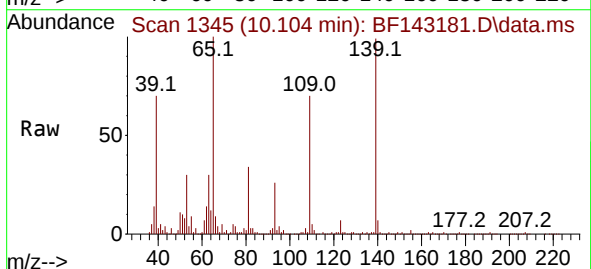
Manual Integrations
APPROVED

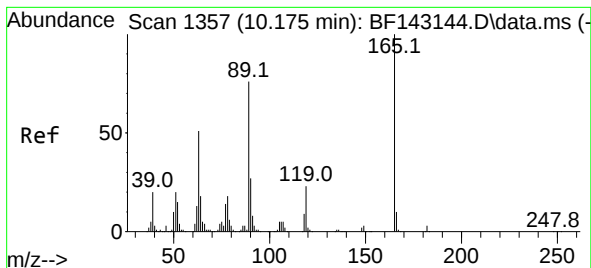
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#56
4-Nitrophenol
Concen: 87.047 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

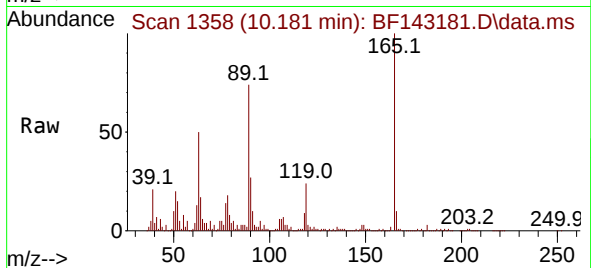
Tgt Ion:139 Resp: 276705
Ion Ratio Lower Upper
139 100
109 70.6 48.5 88.5
65 101.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 50.245 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

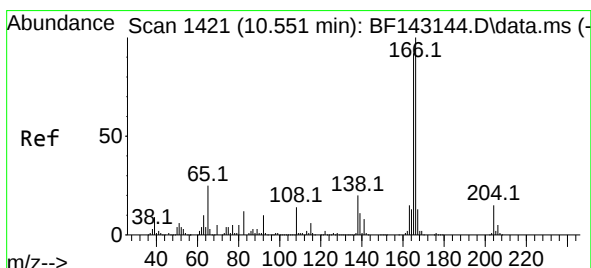
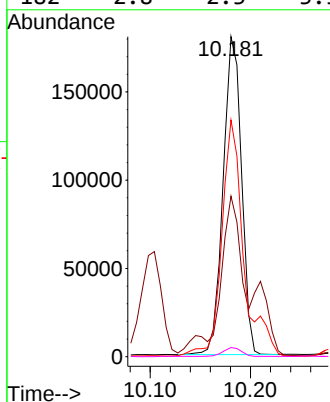
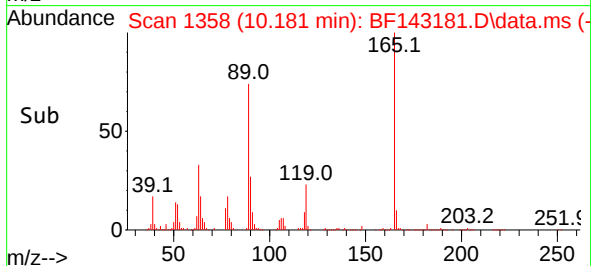
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:165 Resp: 229420
Ion Ratio Lower Upper
165 100
63 50.2 41.0 61.4
89 73.9 61.1 91.7
182 2.8 2.3 3.5

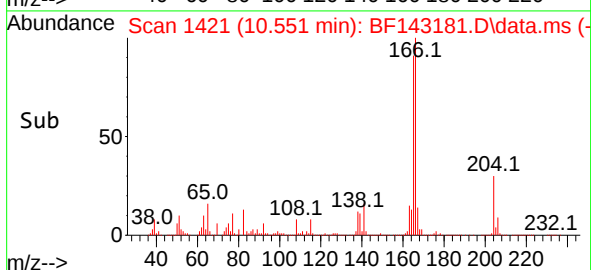
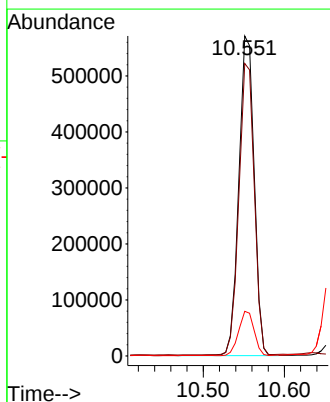
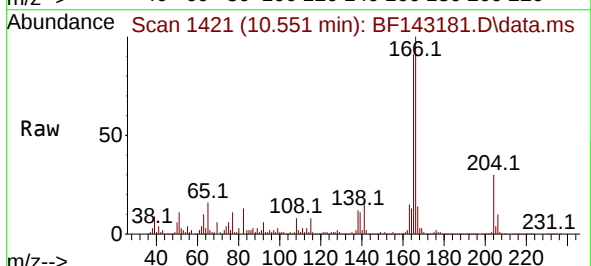
Manual Integrations
APPROVED

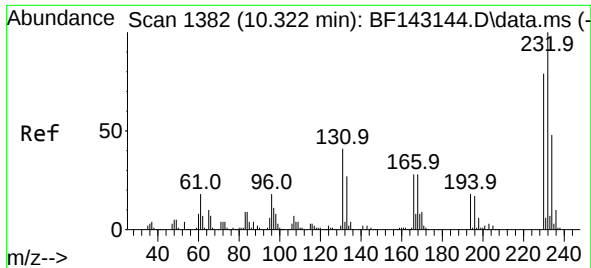
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#58
Fluorene
Concen: 42.649 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

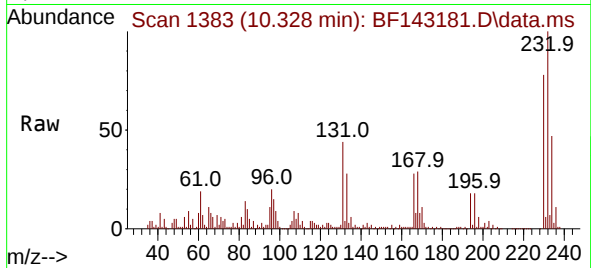
Tgt Ion:166 Resp: 745825
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 14.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.788 ng
RT: 10.328 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

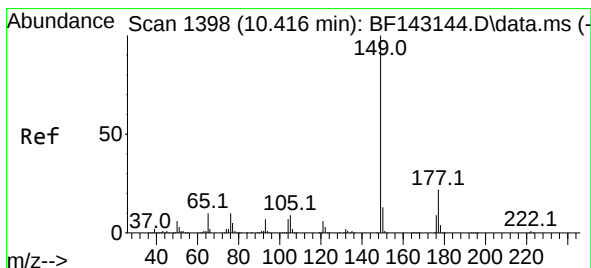
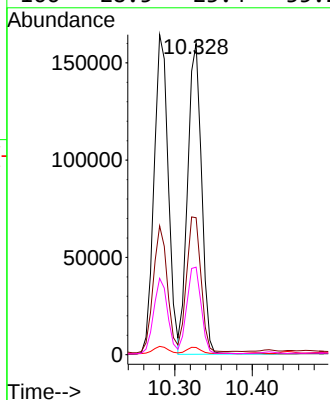
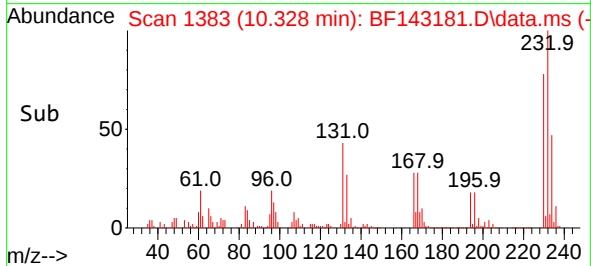
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:232 Resp: 198979
Ion Ratio Lower Upper
232 100
131 44.4 35.3 52.9
130 2.2 1.7 2.5
166 28.5 23.4 35.2

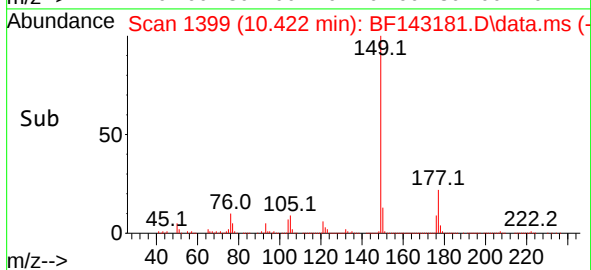
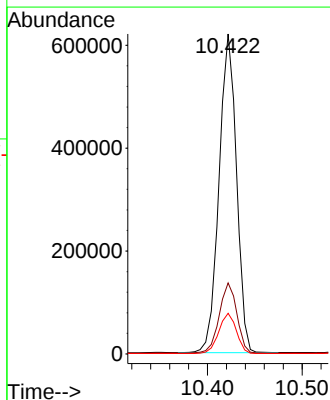
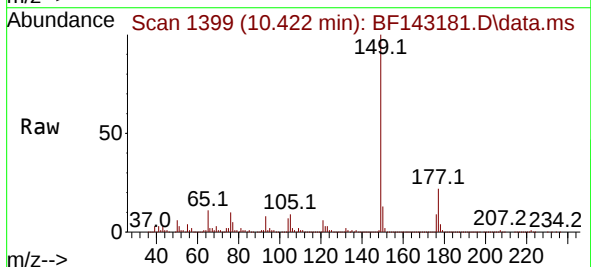
Manual Integrations
APPROVED

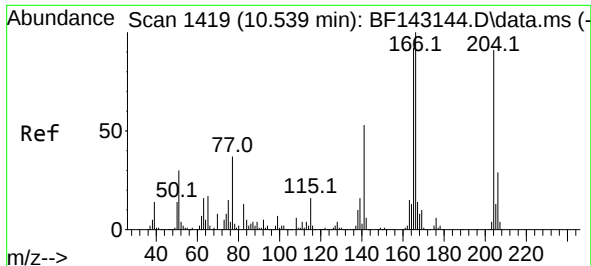
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#60
Diethylphthalate
Concen: 44.896 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

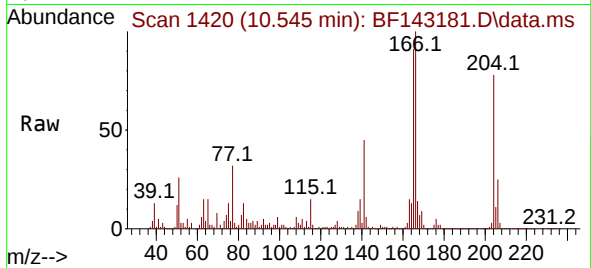
Tgt Ion:149 Resp: 793884
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.545 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

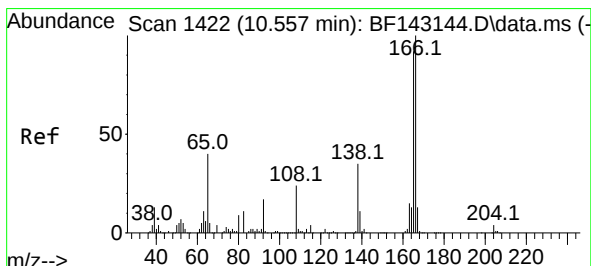
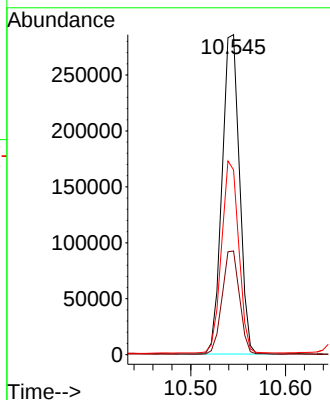
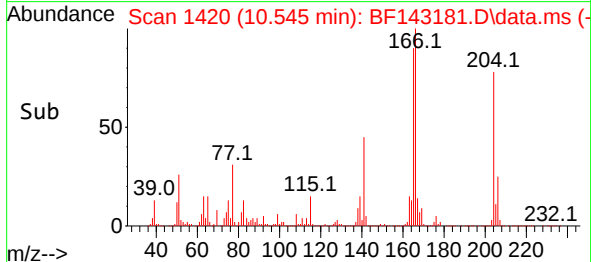
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



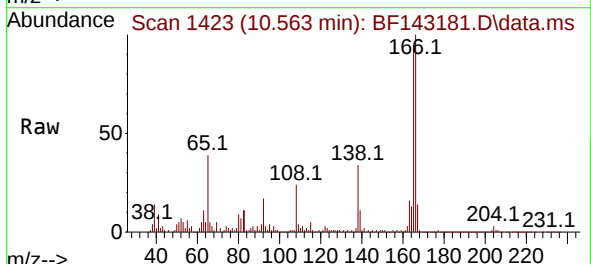
Tgt Ion:204 Resp: 365015
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 57.7 47.0 70.4

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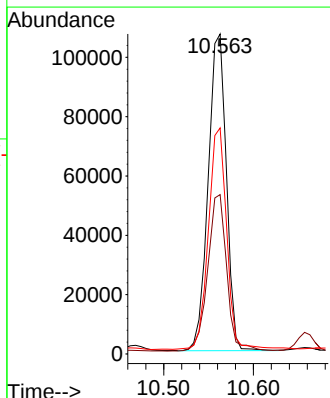
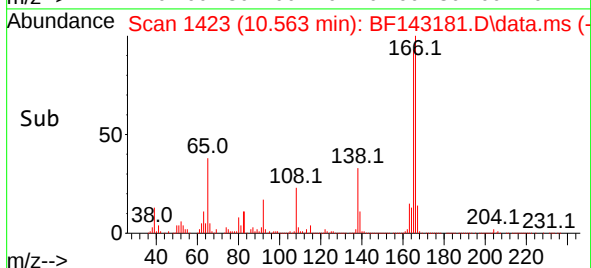
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

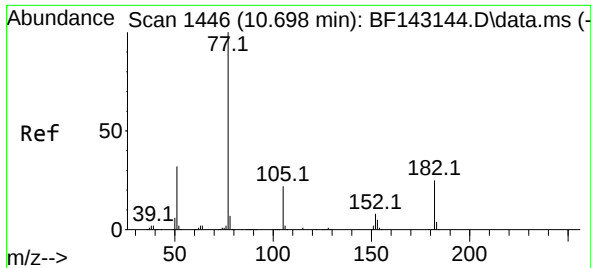


#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



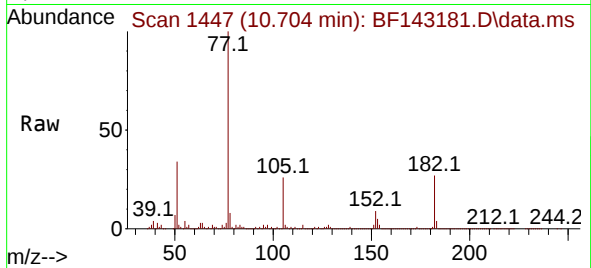
Tgt Ion:138 Resp: 150125
Ion Ratio Lower Upper
138 100
92 49.8 29.3 69.3
108 70.6 48.3 88.3





#63
Azobenzene
Concen: 45.166 ng
RT: 10.704 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

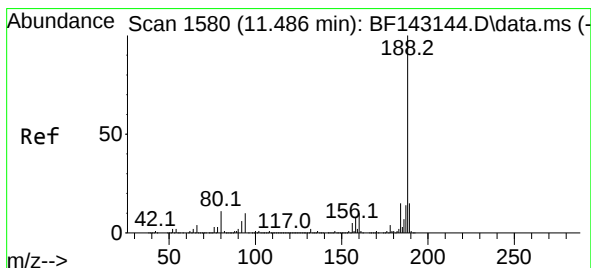
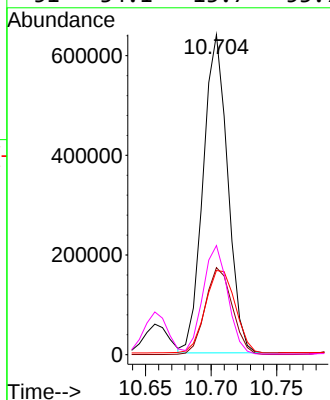
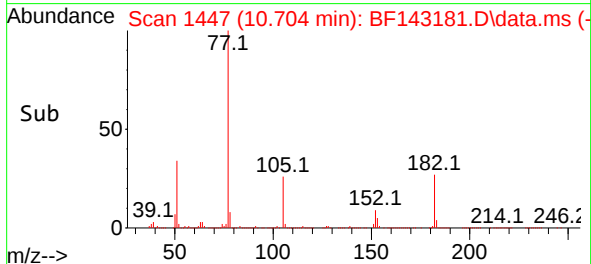
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion: 77 Resp: 832370
Ion Ratio Lower Upper
77 100
182 27.2 4.6 44.6
105 26.3 1.4 41.4
51 34.1 13.7 53.7

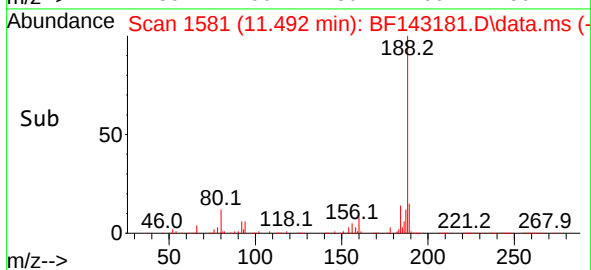
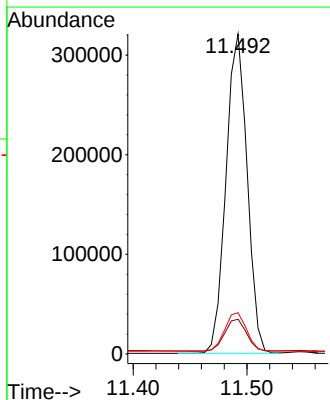
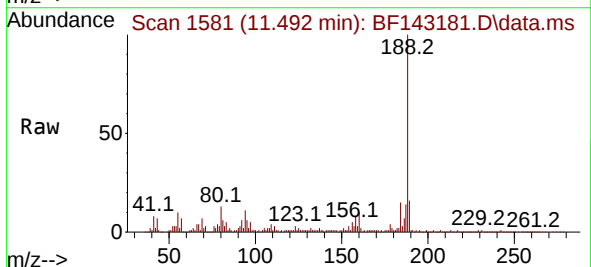
Manual Integrations
APPROVED

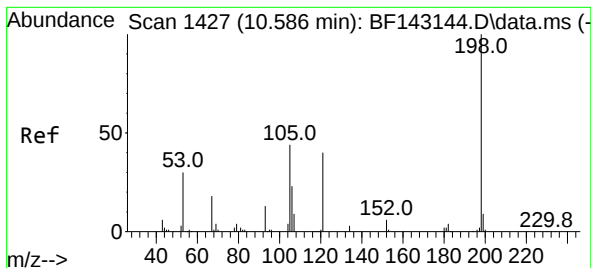
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:188 Resp: 414650
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 12.9 9.0 13.6





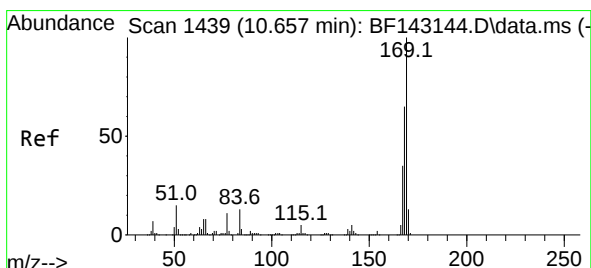
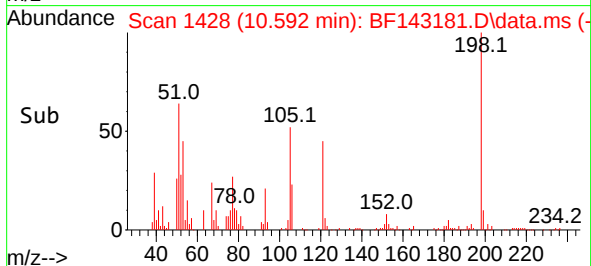
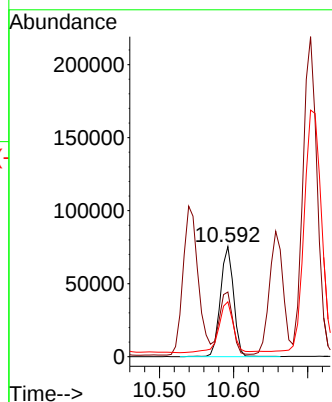
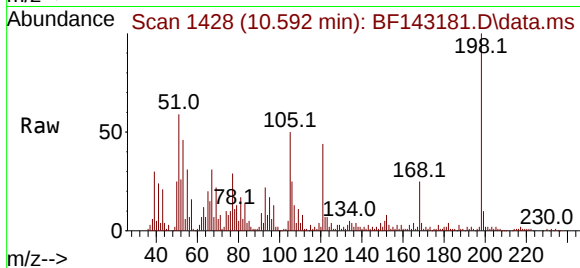
#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:198 Resp: 93180
Ion Ratio Lower Upper
198 100
51 58.7 37.2 77.2
105 49.8 24.8 64.8

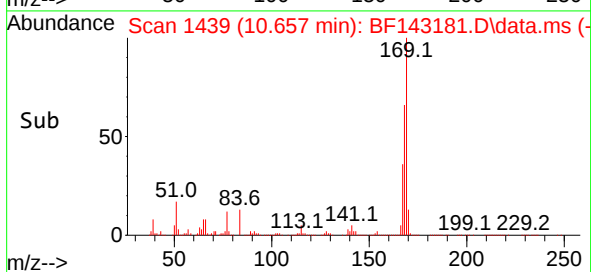
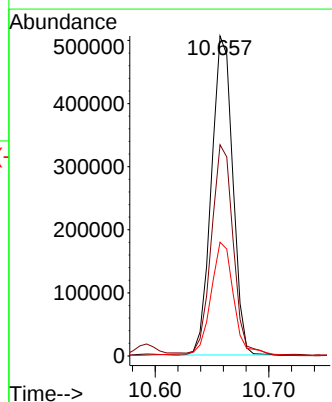
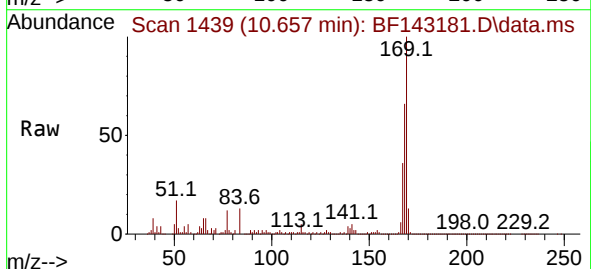
Manual Integrations
APPROVED

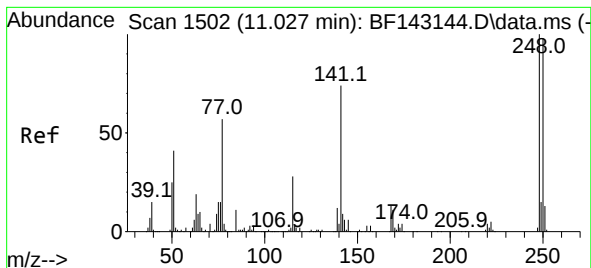
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#66
n-Nitrosodiphenylamine
Concen: 45.125 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

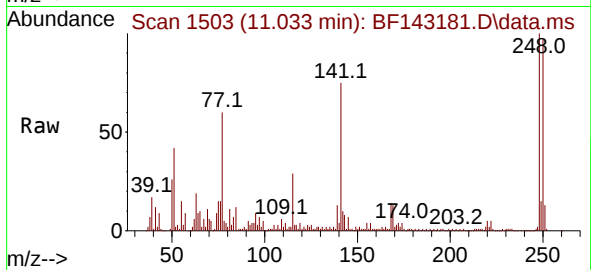
Tgt Ion:169 Resp: 658874
Ion Ratio Lower Upper
169 100
168 66.0 52.1 78.1
167 35.6 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 44.351 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

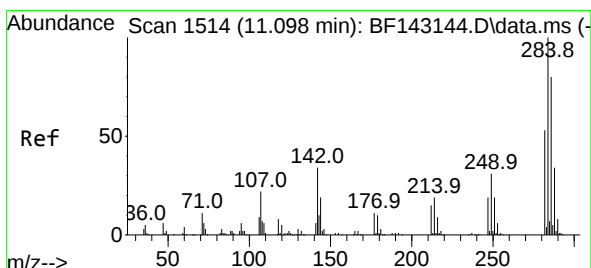
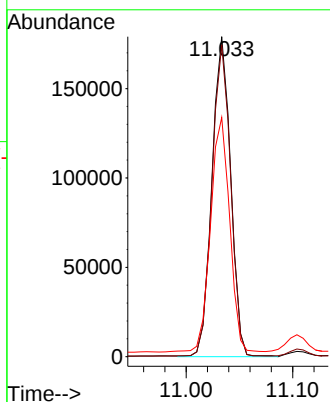
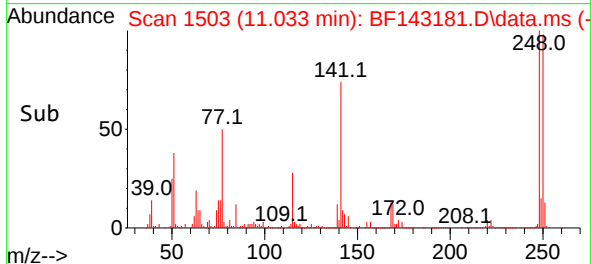
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



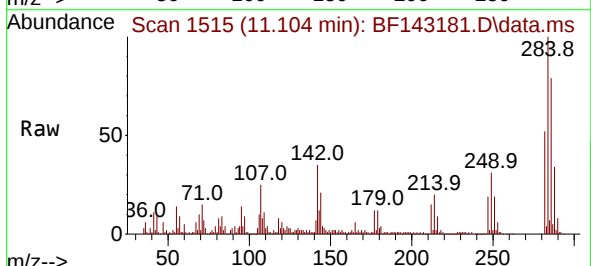
Tgt Ion:248 Resp: 21916
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 74.7 59.2 88.8

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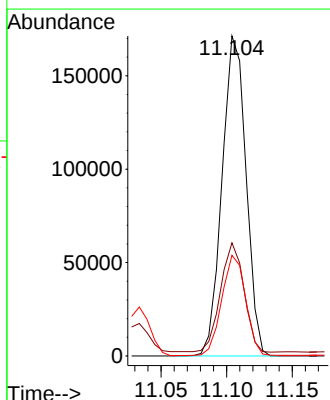
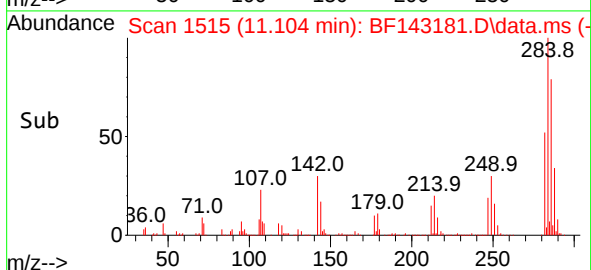
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025

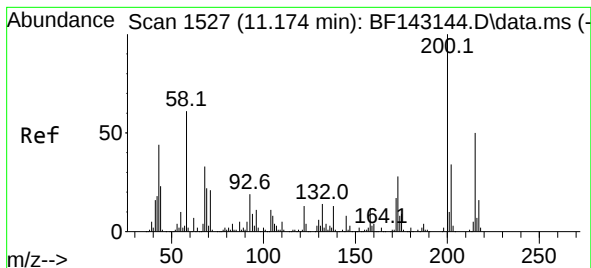


#68
Hexachlorobenzene
Concen: 42.143 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:284 Resp: 217668
Ion Ratio Lower Upper
284 100
142 35.4 27.0 40.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 48.470 ng

RT: 11.186 min Scan# 1529

Delta R.T. 0.012 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

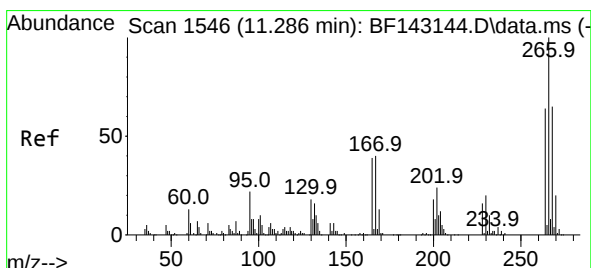
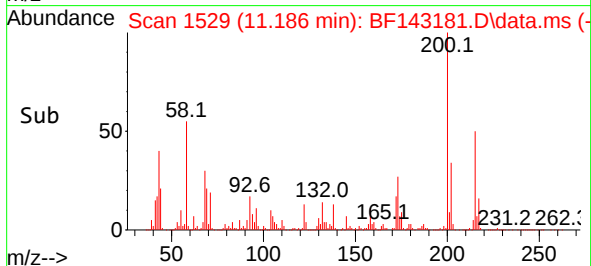
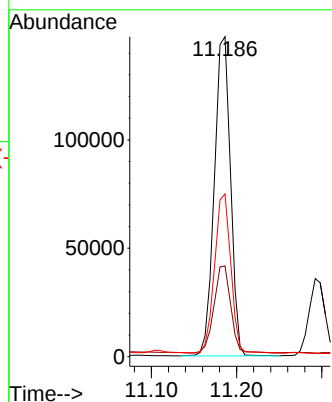
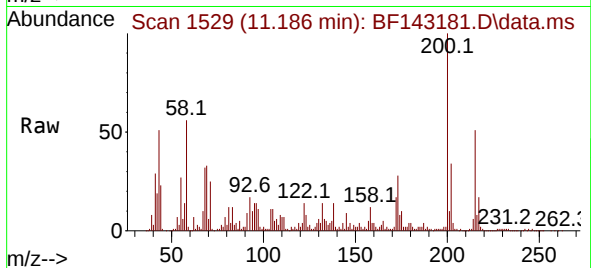
RT2286MSD

Tgt Ion:200 Resp: 195110
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.9 47.9
 215 50.8 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: 86.042 ng

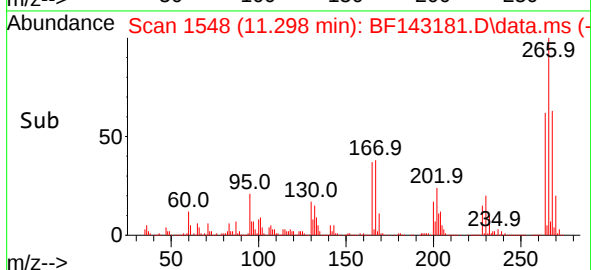
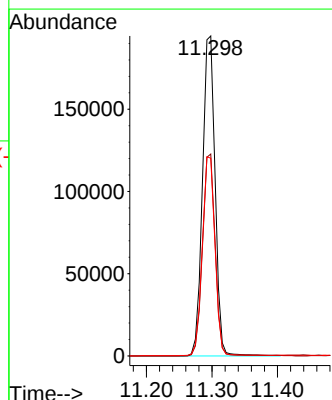
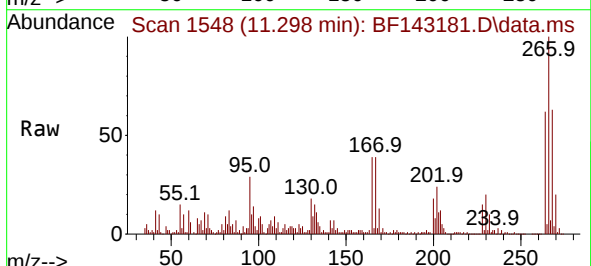
RT: 11.298 min Scan# 1548

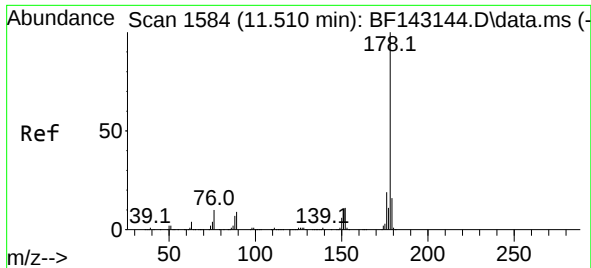
Delta R.T. 0.012 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Tgt Ion:266 Resp: 261343
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.9 77.9
 264 61.8 51.0 76.6





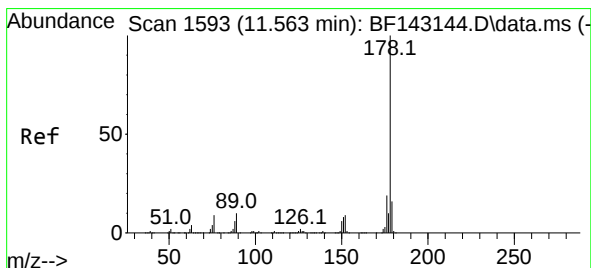
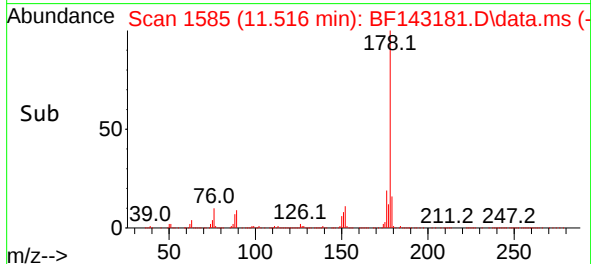
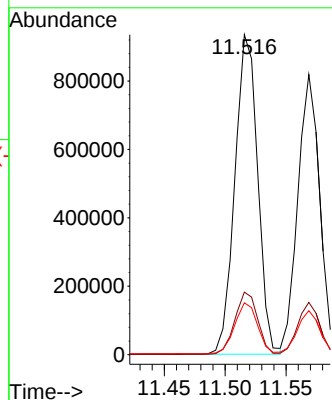
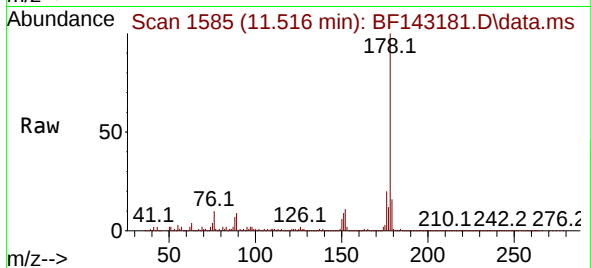
#71
Phenanthrene
Concen: 55.224 ng
RT: 11.516 min Scan# 11584
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:178 Resp: 121584
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.2 12.5 18.7

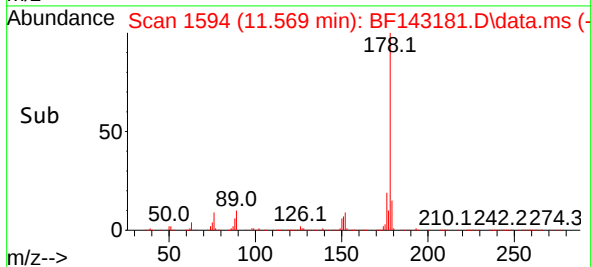
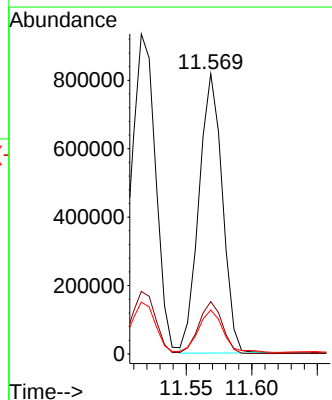
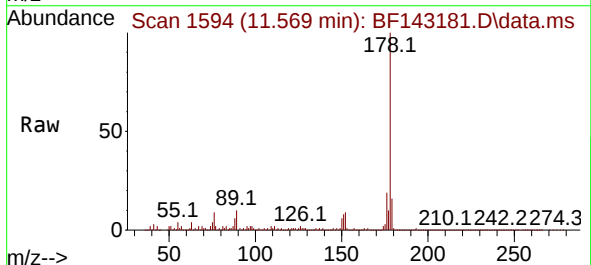
Manual Integrations
APPROVED

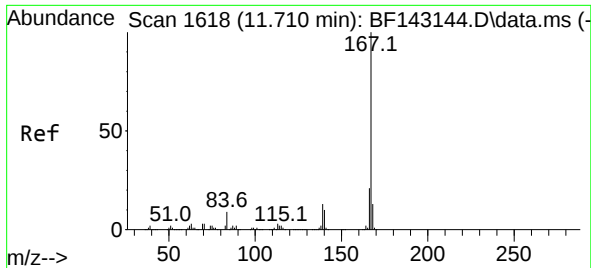
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#72
Anthracene
Concen: 45.259 ng
RT: 11.569 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

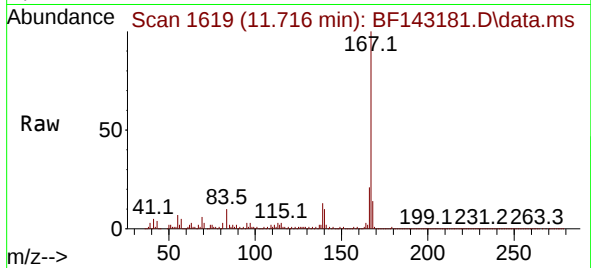
Tgt Ion:178 Resp: 1016264
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 42.692 ng
 RT: 11.716 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF143181.D
 Acq: 22 Jul 2025 10:55

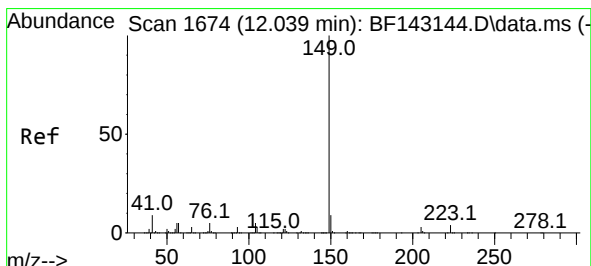
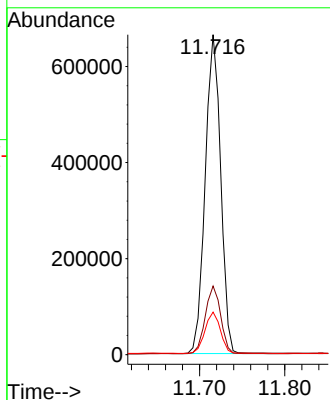
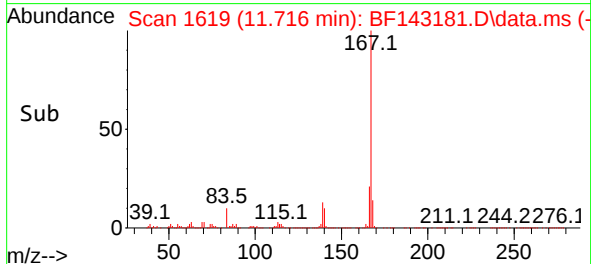
Instrument :
 BNA_F
 ClientSampleId :
 RT2286MSD



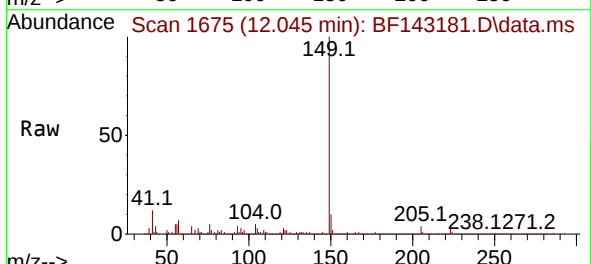
Tgt Ion:167 Resp: 837062
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.3 10.0 15.0

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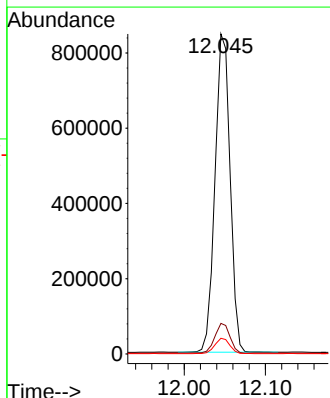
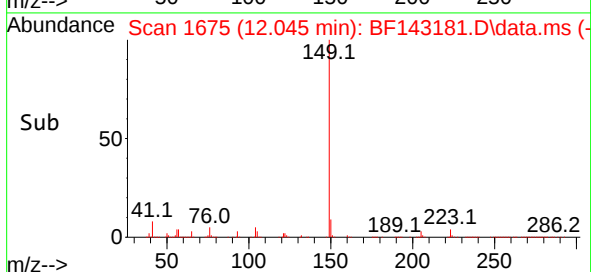
Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

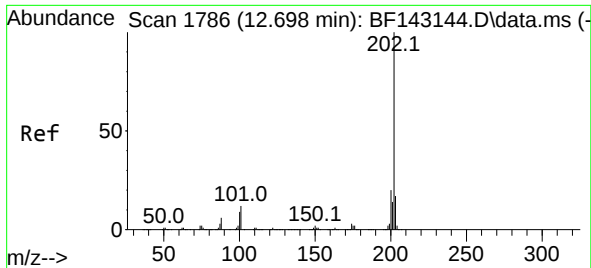


#74
 Di-n-butylphthalate
 Concen: 49.237 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143181.D
 Acq: 22 Jul 2025 10:55



Tgt Ion:149 Resp: 1092339
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.9 3.8 5.8





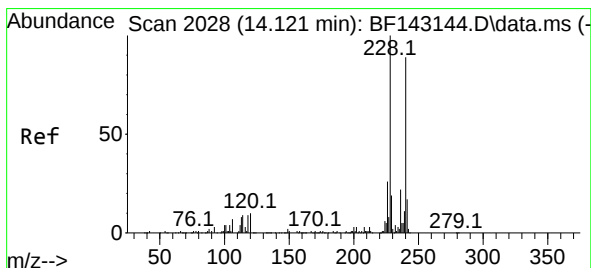
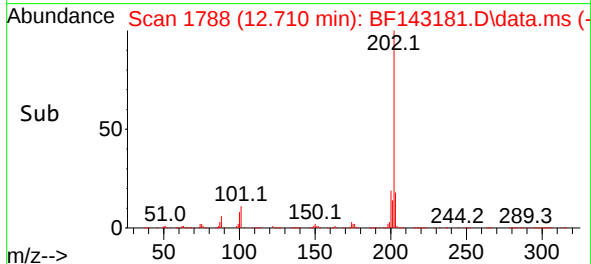
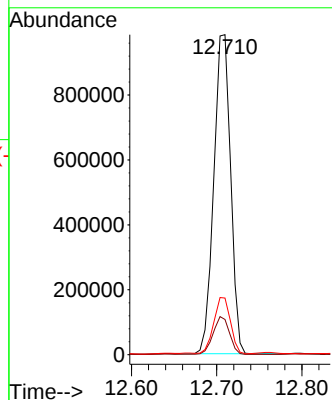
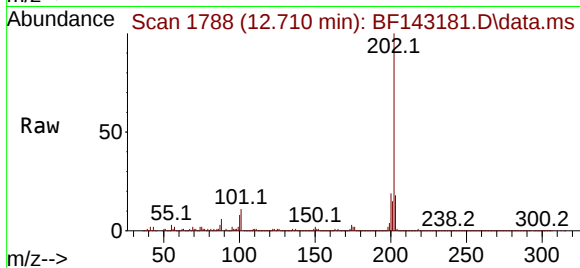
#75
Fluoranthene
Concen: 66.679 ng
RT: 12.710 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:202 Resp: 1347470
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.7
203 17.7 0.0 37.4

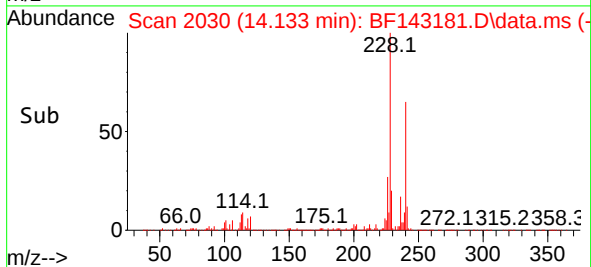
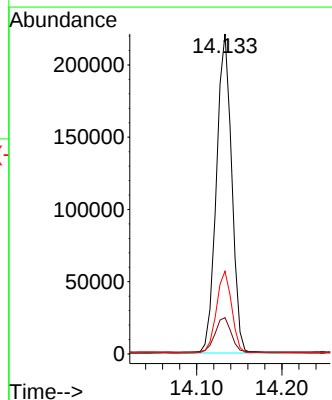
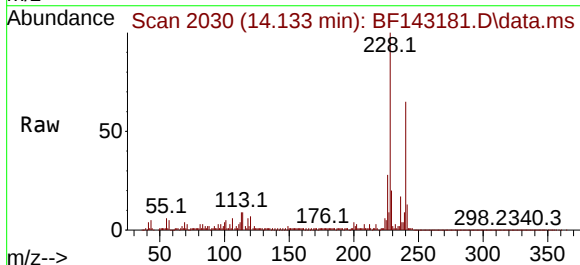
Manual Integrations
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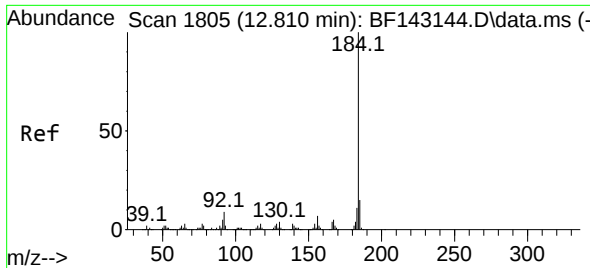
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

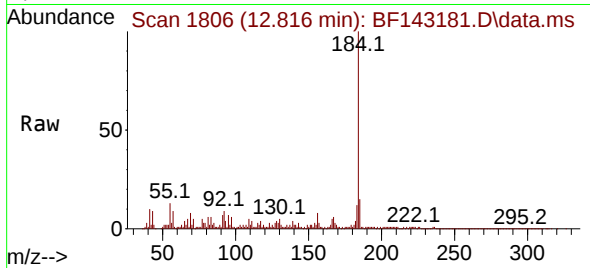
Tgt Ion:240 Resp: 276295
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.9 20.2 30.4





#77
Benzidine
Concen: 27.933 ng
RT: 12.816 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

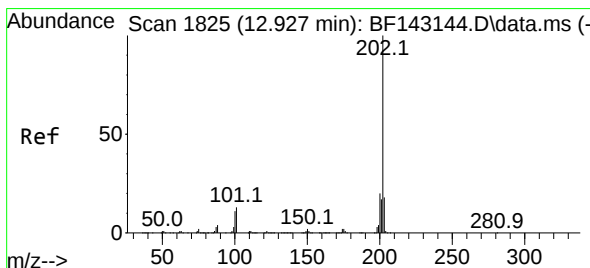
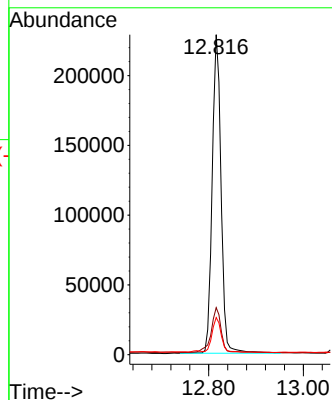
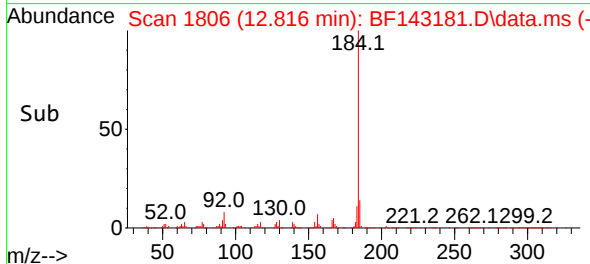
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:184 Resp: 297349
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.4
183 11.6 9.0 13.4

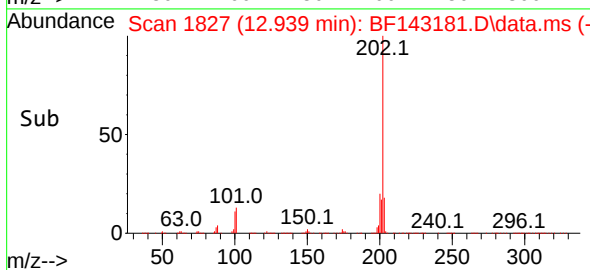
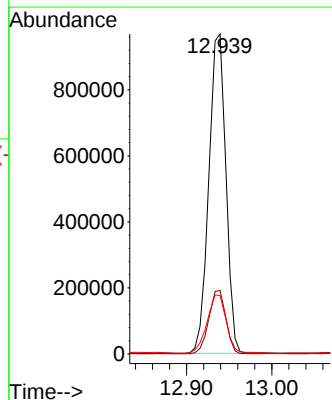
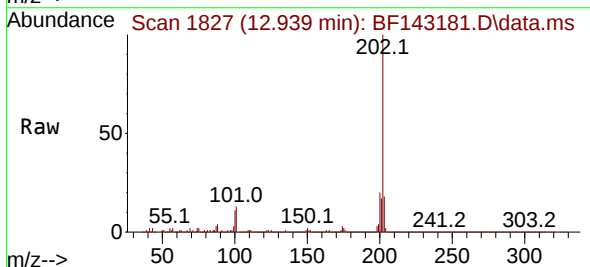
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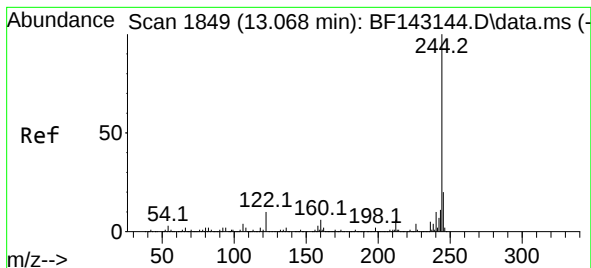
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#78
Pyrene
Concen: 57.059 ng
RT: 12.939 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:202 Resp: 1345473
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 43.099 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:244 Resp: 800209

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

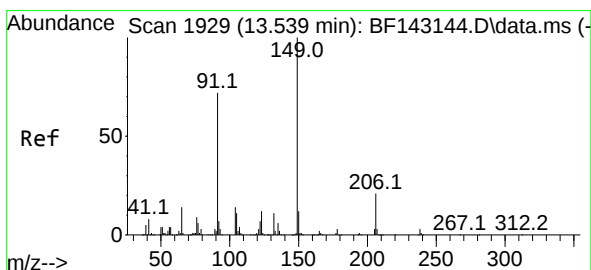
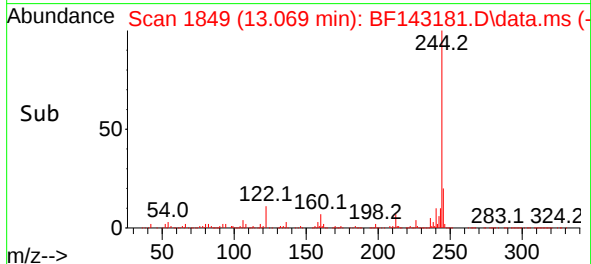
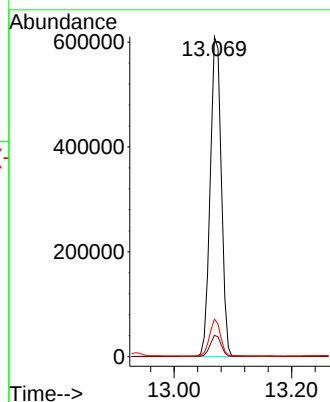
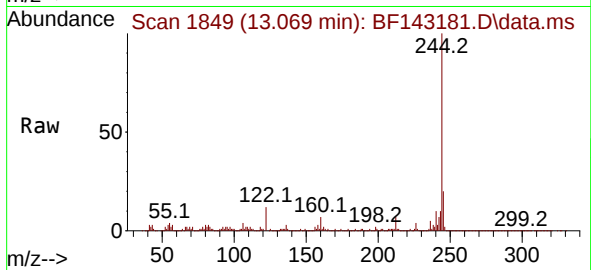
122 11.8 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#80

Butylbenzylphthalate

Concen: 50.883 ng

RT: 13.545 min Scan# 1930

Delta R.T. 0.006 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

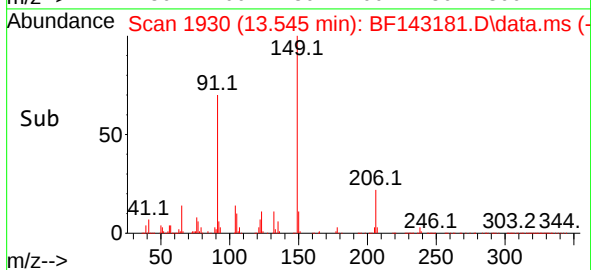
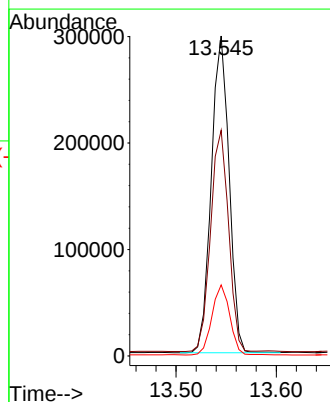
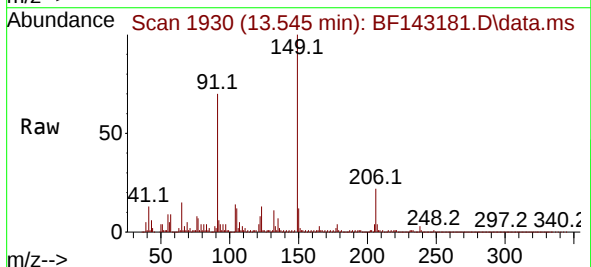
Tgt Ion:149 Resp: 367405

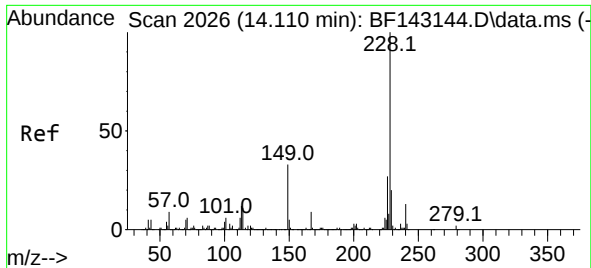
Ion Ratio Lower Upper

149 100

91 70.5 57.9 86.9

206 22.2 17.0 25.4





#81
Benzo(a)anthracene
Concen: 55.890 ng
RT: 14.121 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

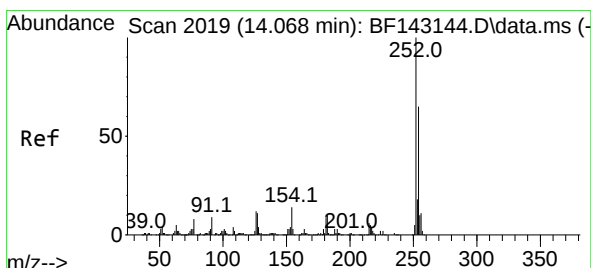
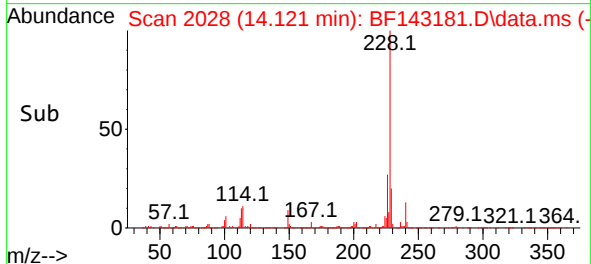
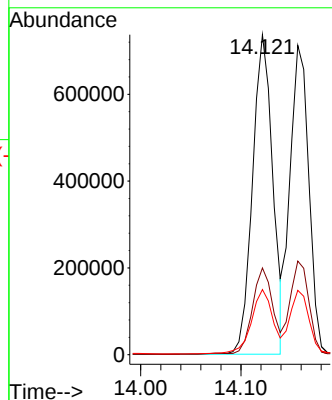
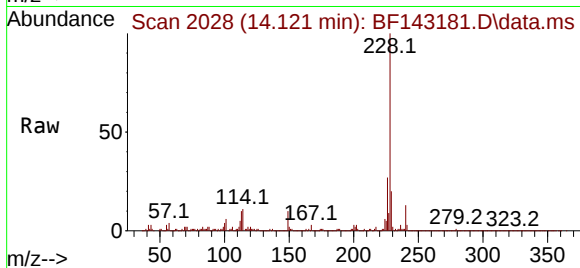
ClientSampleId :

RT2286MSD

Tgt Ion:228 Resp: 103385
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.3 15.8 23.6

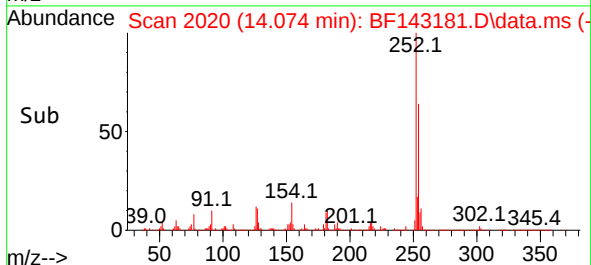
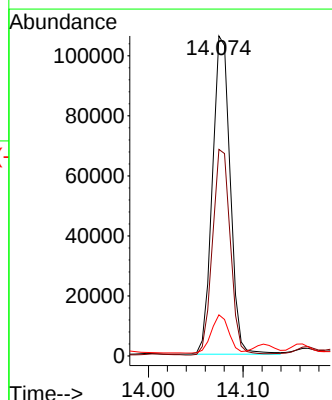
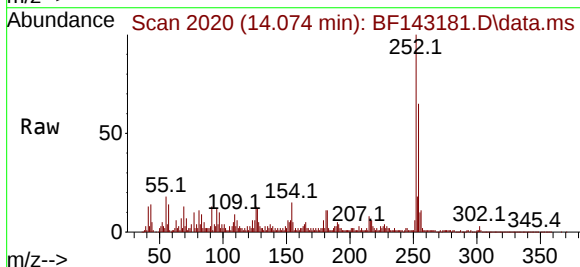
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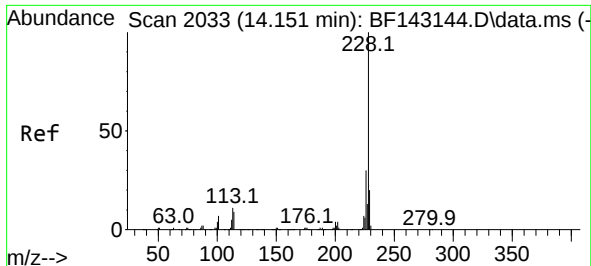
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#82
3,3'-Dichlorobenzidine
Concen: 22.415 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:252 Resp: 138194
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 12.9 9.4 14.0





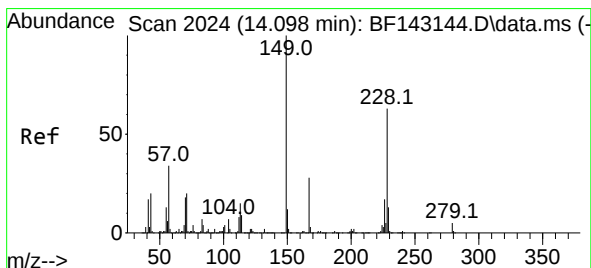
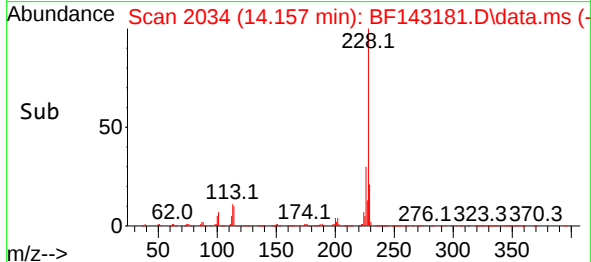
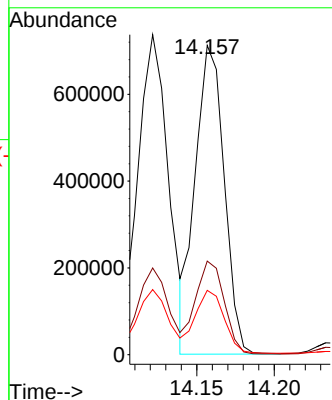
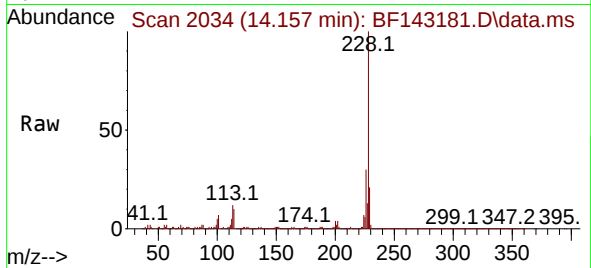
#83
Chrysene
Concen: 55.532 ng
RT: 14.157 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Instrument :
BNA_F
ClientSampleId :
RT2286MSD

Tgt Ion:228 Resp: 92357
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.8 15.6 23.4

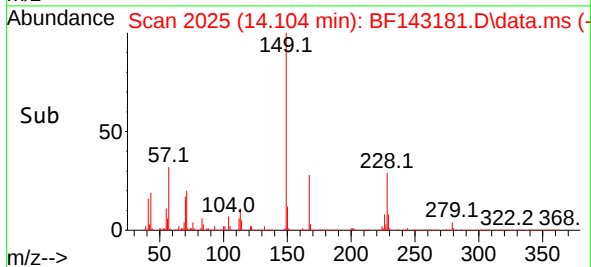
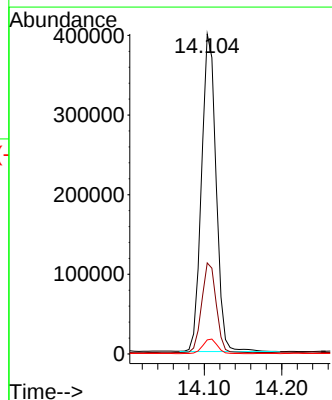
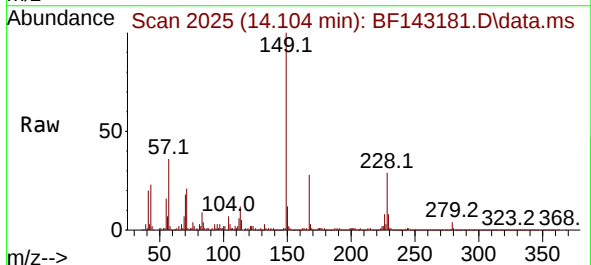
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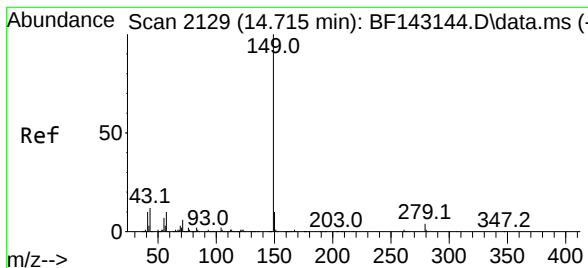
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.538 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

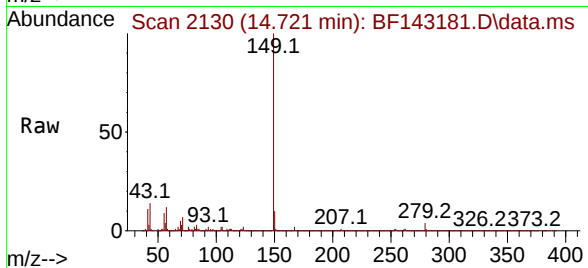
Tgt Ion:149 Resp: 519551
Ion Ratio Lower Upper
149 100
167 28.4 22.3 33.5
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.608 ng m
RT: 14.721 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

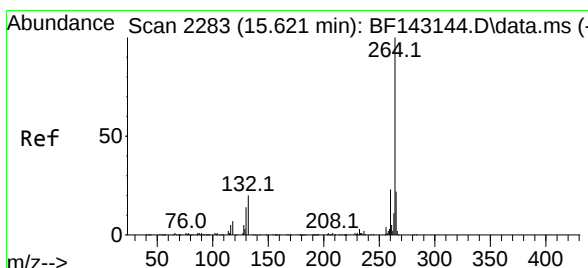
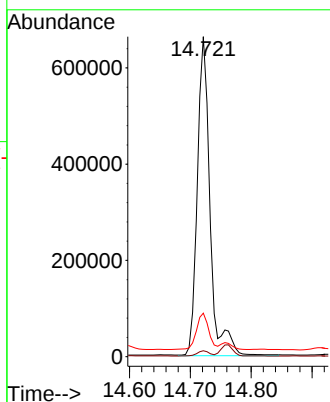
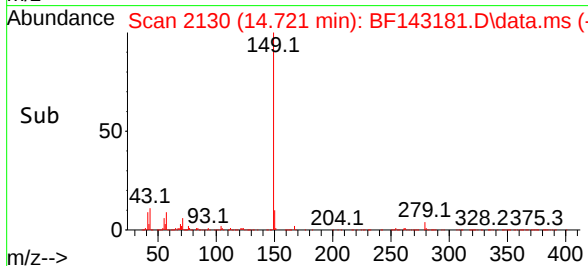
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:149 Resp: 96295
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.1 9.7 14.5

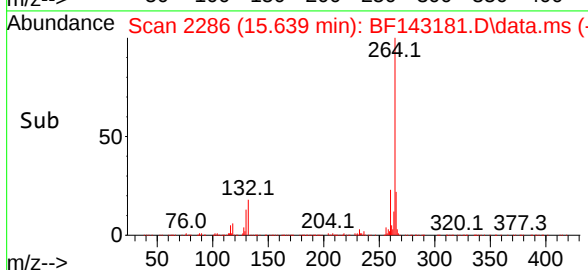
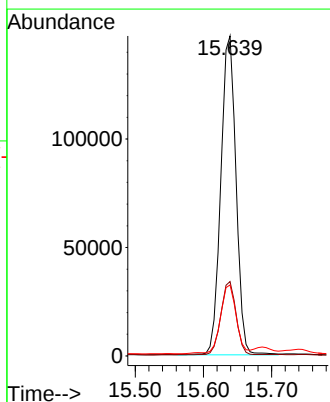
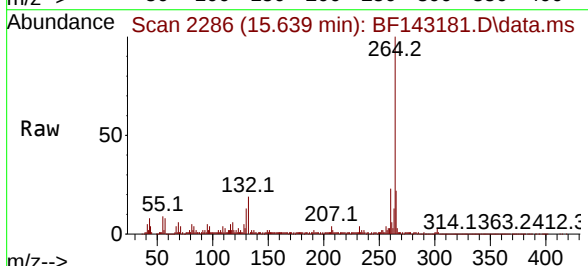
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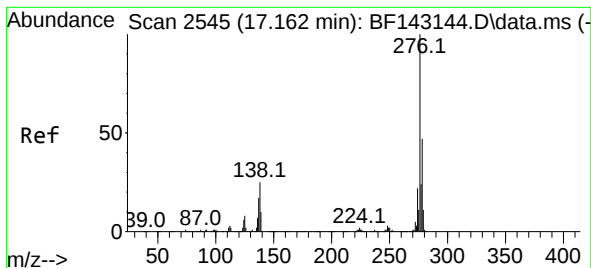
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2286
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

Tgt Ion:264 Resp: 228694
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.423 ng

RT: 17.180 min Scan# 2110

Delta R.T. 0.018 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

Instrument :

BNA_F

ClientSampleId :

RT2286MSD

Tgt Ion:276 Resp: 555100

Ion Ratio Lower Upper

276 100

138 26.2 21.8 32.6

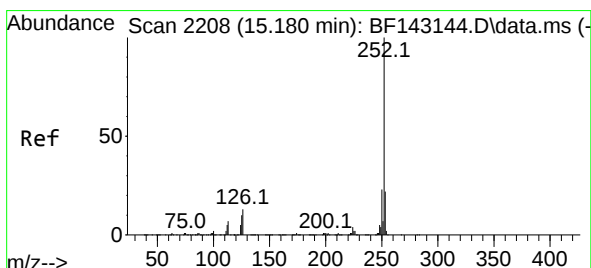
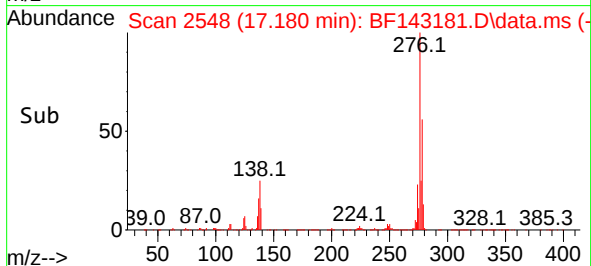
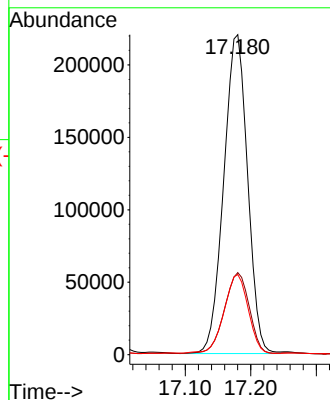
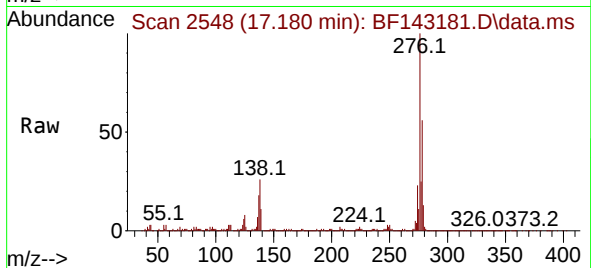
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/23/2025

Supervised By :Jagrut Upadhyay 07/23/2025



#88

Benzo(b)fluoranthene

Concen: 66.280 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143181.D

Acq: 22 Jul 2025 10:55

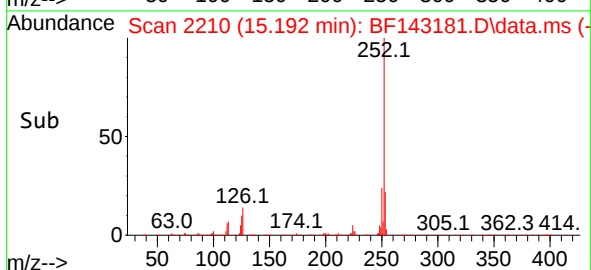
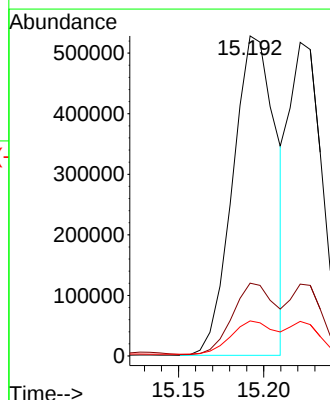
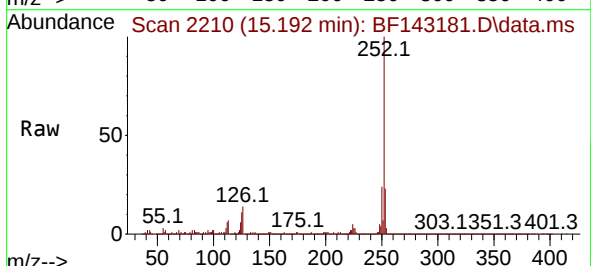
Tgt Ion:252 Resp: 926002

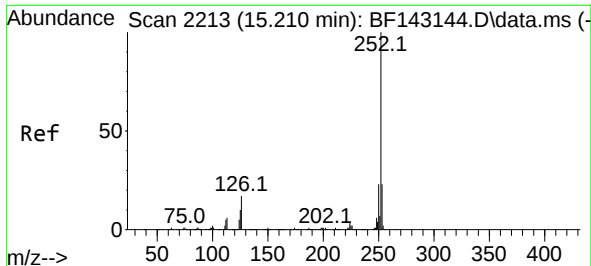
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

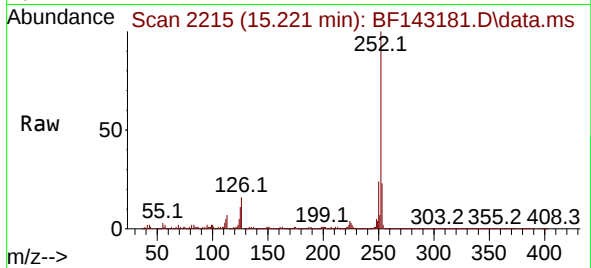
125 10.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 55.257 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

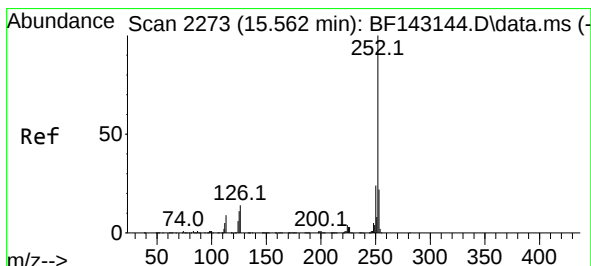
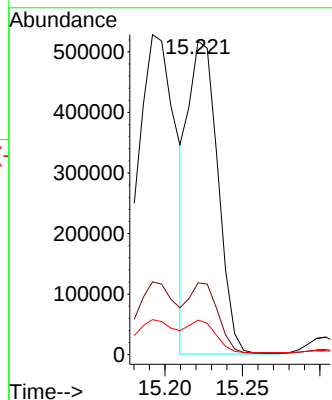
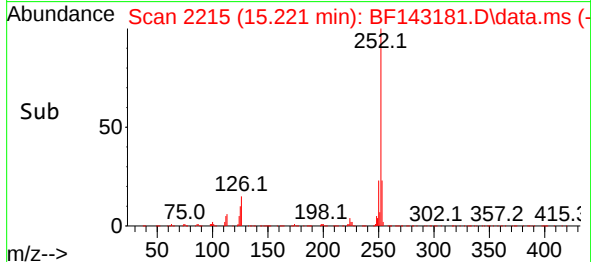
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



Tgt Ion:252 Resp: 68889
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.0 8.1 12.1

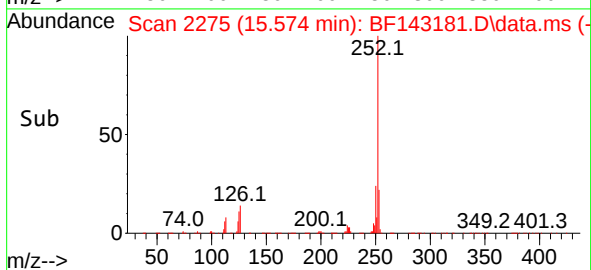
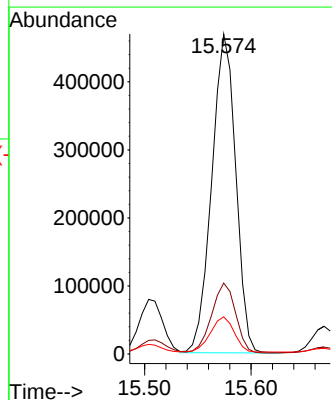
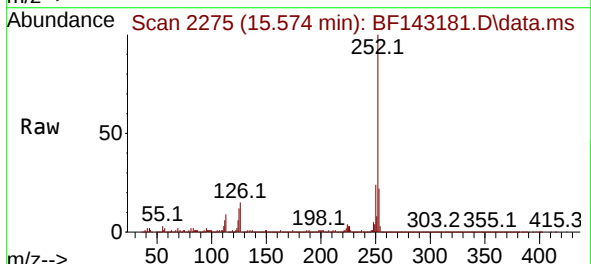
Manual Integrations
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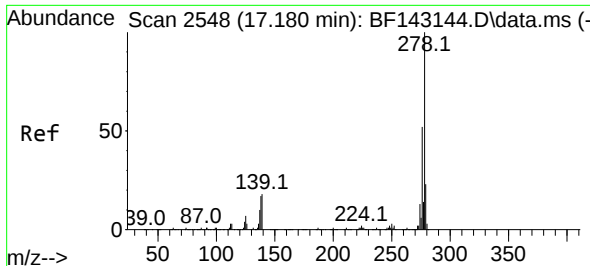
Reviewed By :Rahul Chavli 07/23/2025
Supervised By :Jagrut Upadhyay 07/23/2025



#90
Benzo(a)pyrene
Concen: 57.025 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

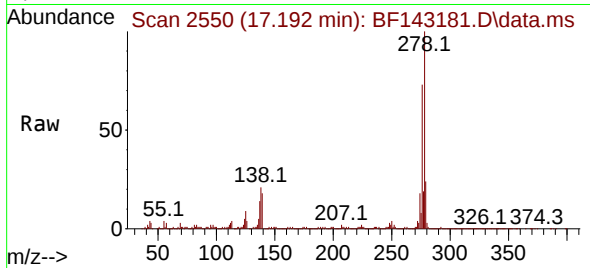
Tgt Ion:252 Resp: 734037
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.6 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 30.296 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55

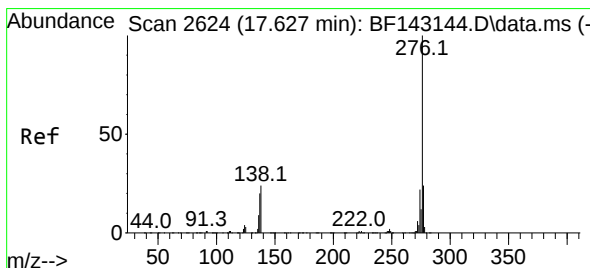
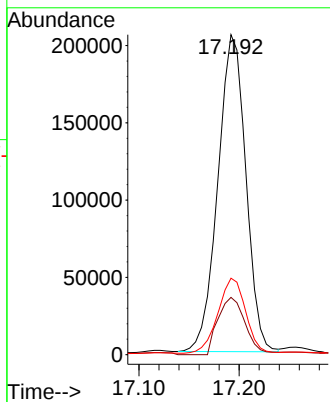
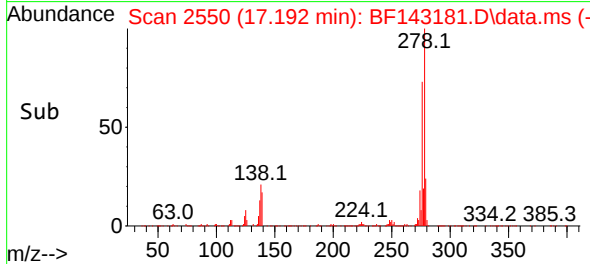
Instrument :
BNA_F
ClientSampleId :
RT2286MSD



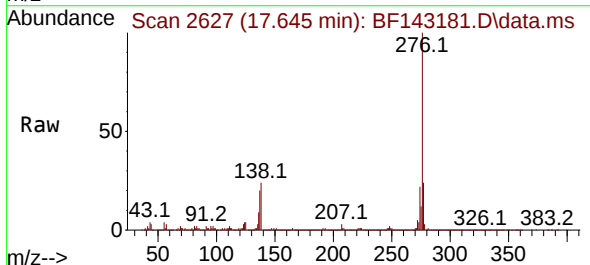
Tgt Ion:278 Resp: 397652
Ion Ratio Lower Upper
278 100
139 17.9 14.1 21.1
279 23.9 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 35.394 ng
RT: 17.645 min Scan# 2627
Delta R.T. 0.018 min
Lab File: BF143181.D
Acq: 22 Jul 2025 10:55



Tgt Ion:276 Resp: 449394
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.8 18.9 28.3

