

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143219.D
 Acq On : 23 Jul 2025 18:56
 Operator : RC/JU
 Sample : Q2649-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 24 01:18:56 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	129050	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	500596	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	258431	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	430420	20.000	ng	0.00
76) Chrysene-d12	14.121	240	253028	20.000	ng	0.00
86) Perylene-d12	15.627	264	273066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	666494	81.728	ng	0.02
7) Phenol-d6	6.592	99	916762	89.313	ng	0.00
23) Nitrobenzene-d5	7.522	82	590990	58.848	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	246605	92.370	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1025654	54.278	ng	0.00
79) Terphenyl-d14	13.063	244	958583	56.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	143072	37.077	ng	98
3) Pyridine	3.646	79	375997	37.541	ng	99
4) n-Nitrosodimethylamine	3.593	42	216954	41.955	ng	99
6) Aniline	6.622	93	354226	24.761	ng	# 89
8) 2-Chlorophenol	6.751	128	363972	42.579	ng	97
9) Benzaldehyde	6.510	77	240931	31.302	ng	100
10) Phenol	6.604	94	468191	41.869	ng	95
11) bis(2-Chloroethyl)ether	6.692	93	357203	41.720	ng	99
12) 1,3-Dichlorobenzene	6.904	146	386913	41.666	ng	100
13) 1,4-Dichlorobenzene	6.981	146	397555	42.512	ng	99
14) 1,2-Dichlorobenzene	7.134	146	377692	42.464	ng	99
15) Benzyl Alcohol	7.098	79	341349	43.553	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	657511	41.398	ng	98
17) 2-Methylphenol	7.210	107	306419	42.633	ng	99
18) Hexachloroethane	7.481	117	142466	44.007	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	268994	40.847	ng	98
20) 3+4-Methylphenols	7.363	107	365199	41.879	ng	# 78
22) Acetophenone	7.369	105	488458	41.214	ng	# 97
24) Nitrobenzene	7.539	77	409071	43.691	ng	99
25) Isophorone	7.781	82	749097	42.254	ng	98
26) 2-Nitrophenol	7.857	139	198030	48.734	ng	99
27) 2,4-Dimethylphenol	7.892	122	350676	42.337	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	447620	42.111	ng	100
29) 2,4-Dichlorophenol	8.098	162	304971	43.659	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	321967	42.664	ng	99
31) Naphthalene	8.269	128	1044863	42.382	ng	100
32) Benzoic acid	8.004	122	234401	49.997	ng	99
33) 4-Chloroaniline	8.304	127	65013	6.458	ng	100
34) Hexachlorobutadiene	8.386	225	200881	43.575	ng	99
35) Caprolactam	8.675	113	100049m	47.398	ng	
36) 4-Chloro-3-methylphenol	8.792	107	336225	44.285	ng	99
37) 2-Methylnaphthalene	8.957	142	643071	42.865	ng	100
38) 1-Methylnaphthalene	9.057	142	663384	42.942	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	318910	42.743	ng	99
41) Hexachlorocyclopentadiene	9.116	237	427550	88.068	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	221765	42.946	ng	100

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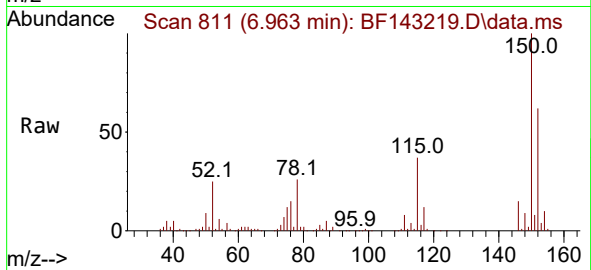
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	232369	44.986	ng	99
46) 1,1'-Biphenyl	9.422	154	877516	43.522	ng	100
47) 2-Chloronaphthalene	9.445	162	636055	42.634	ng	99
48) 2-Nitroaniline	9.533	65	216093	46.188	ng	99
49) Acenaphthylene	9.863	152	1082459	43.295	ng	100
50) Dimethylphthalate	9.716	163	756505	44.909	ng	99
51) 2,6-Dinitrotoluene	9.775	165	165873	48.404	ng	99
52) Acenaphthene	10.033	154	707499	47.878	ng	99
53) 3-Nitroaniline	9.939	138	88166	21.996	ng	99
54) 2,4-Dinitrophenol	10.051	184	172311	108.368	ng	# 1
55) Dibenzofuran	10.204	168	937987	42.753	ng	99
56) 4-Nitrophenol	10.104	139	274401	91.677	ng	98
57) 2,4-Dinitrotoluene	10.180	165	220692	51.332	ng	94
58) Fluorene	10.551	166	705612	42.852	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	176735	41.305	ng	99
60) Diethylphthalate	10.416	149	746969	44.863	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	361037	44.034	ng	100
62) 4-Nitroaniline	10.557	138	160785	46.804	ng	98
63) Azobenzene	10.698	77	841538	48.495	ng	95
65) 4,6-Dinitro-2-methylph...	10.586	198	117166	51.484	ng	99
66) n-Nitrosodiphenylamine	10.657	169	632847	41.754	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	220614	43.009	ng	100
68) Hexachlorobenzene	11.098	284	234176	43.678	ng	99
69) Atrazine	11.180	200	198055	47.399	ng	99
70) Pentachlorophenol	11.292	266	204090	64.730	ng	98
71) Phenanthrene	11.510	178	960622	42.033	ng	99
72) Anthracene	11.563	178	978804	41.993	ng	100
73) Carbazole	11.710	167	883073	43.388	ng	99
74) Di-n-butylphthalate	12.039	149	1091594	47.400	ng	100
75) Fluoranthene	12.698	202	947282	45.158	ng	99
77) Benzidine	12.810	184	377100	38.683	ng	99
78) Pyrene	12.927	202	930699	43.099	ng	99
80) Butylbenzylphthalate	13.539	149	369204	55.834	ng	98
81) Benzo(a)anthracene	14.110	228	748386	44.178	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	83929	14.865	ng	99
83) Chrysene	14.151	228	653785	42.925	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	492547	49.212	ng	99
85) Di-n-octyl phthalate	14.710	149	818612	45.122	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	846990	43.988	ng	99
88) Benzo(b)fluoranthene	15.180	252	734192	44.011	ng	99
89) Benzo(k)fluoranthene	15.215	252	644364	43.286	ng	99
90) Benzo(a)pyrene	15.562	252	682048	44.376	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	685873	43.764	ng	99
92) Benzo(g,h,i)perylene	17.639	276	679318	44.809	ng	99

(#) = 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: BF143219.D
Acq: 23 Jul 2025 18:56

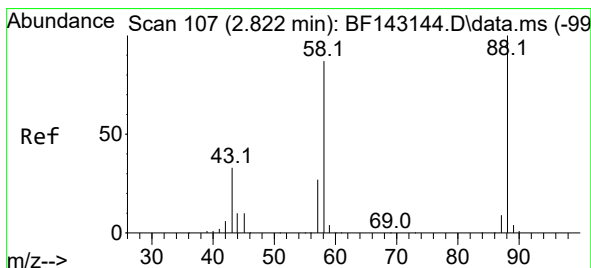
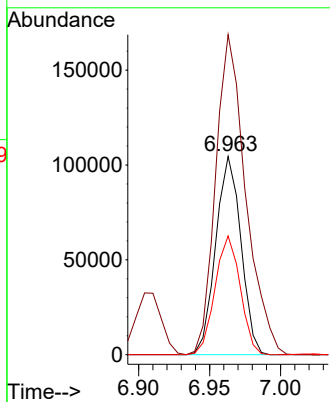
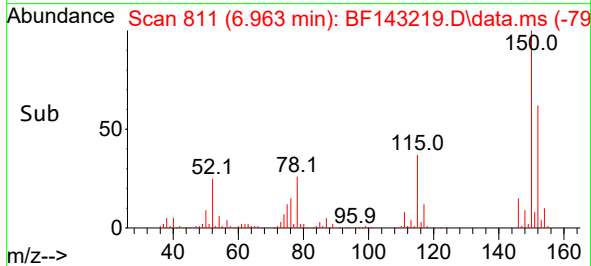
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:152 Resp: 129050
Ion Ratio Lower Upper
152 100
150 161.4 128.2 192.4
115 59.9 47.9 71.9

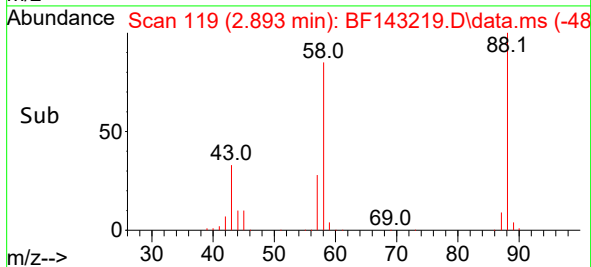
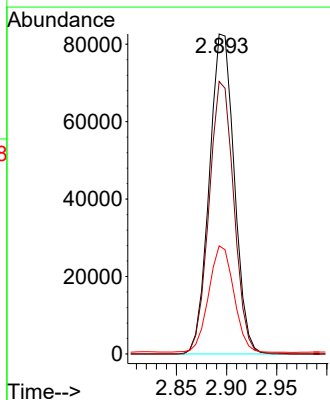
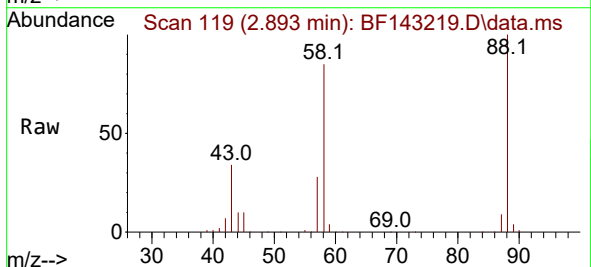
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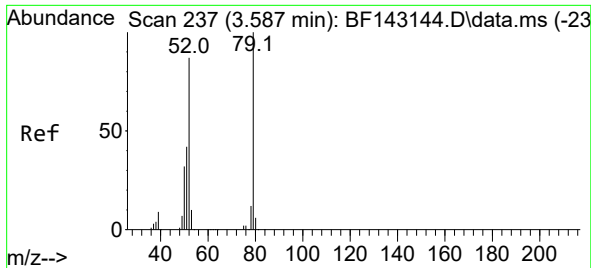
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#2
1,4-Dioxane
Concen: 37.077 ng
RT: 2.893 min Scan# 119
Delta R.T. 0.071 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 88 Resp: 143072
Ion Ratio Lower Upper
88 100
58 84.9 70.2 105.2
43 33.6 27.1 40.7





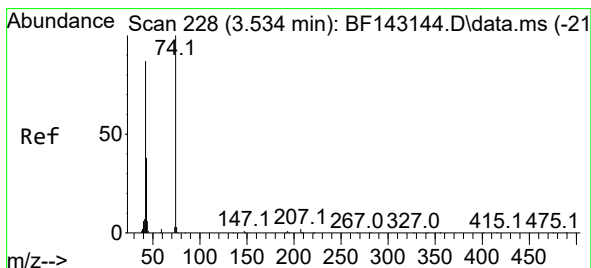
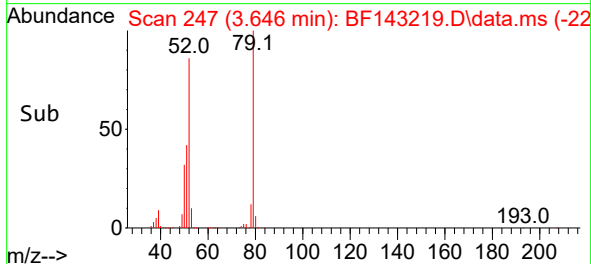
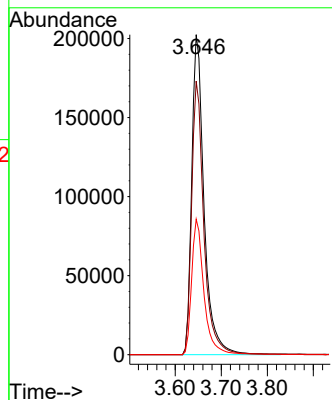
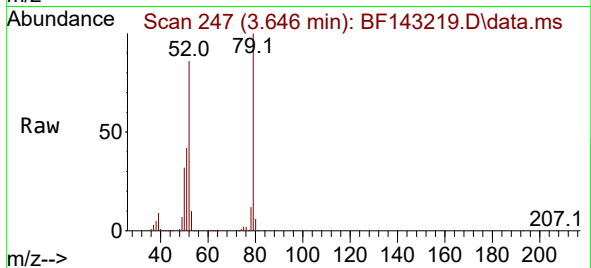
#3
Pyridine
Concen: 37.541 ng
RT: 3.646 min Scan# 247
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 79 Resp: 375997
Ion Ratio Lower Upper
79 100
52 85.5 69.4 104.2
51 42.3 33.5 50.3

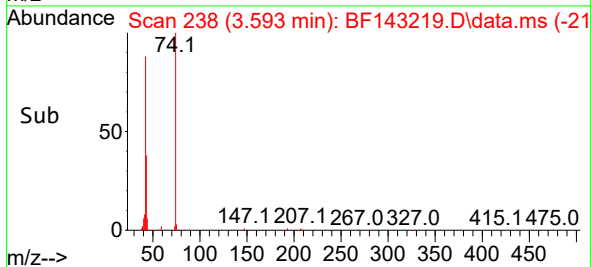
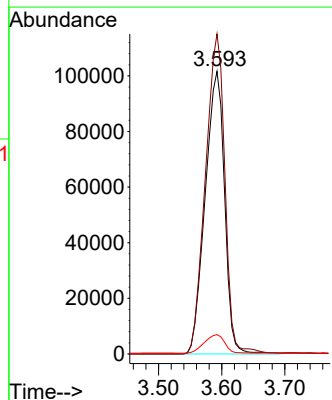
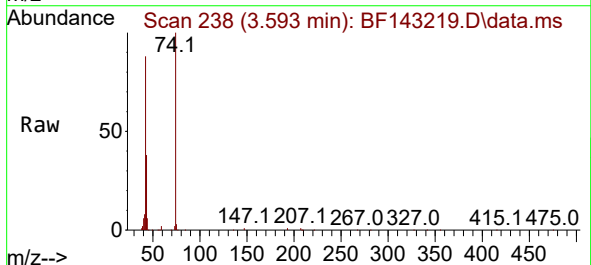
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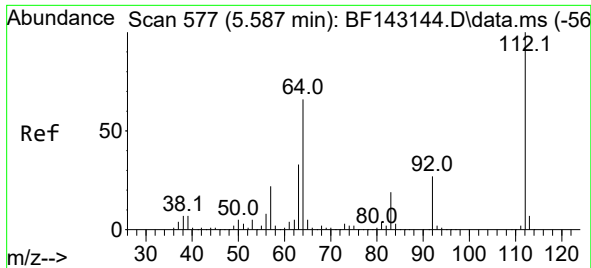
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#4
n-Nitrosodimethylamine
Concen: 41.955 ng
RT: 3.593 min Scan# 238
Delta R.T. 0.059 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 42 Resp: 216954
Ion Ratio Lower Upper
42 100
74 113.2 91.7 137.5
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 81.728 ng
RT: 5.604 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

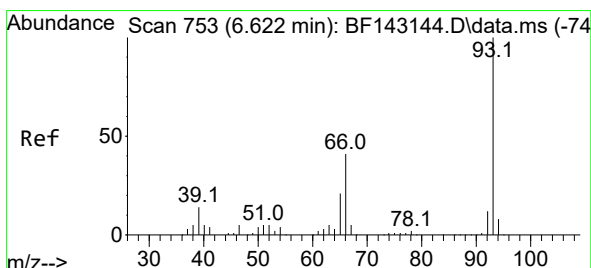
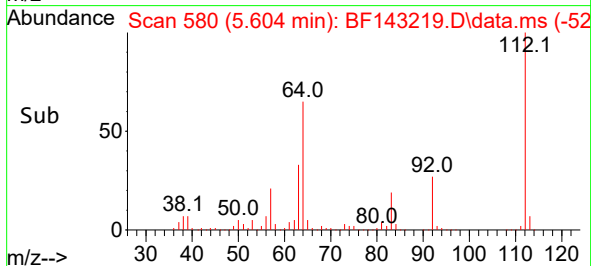
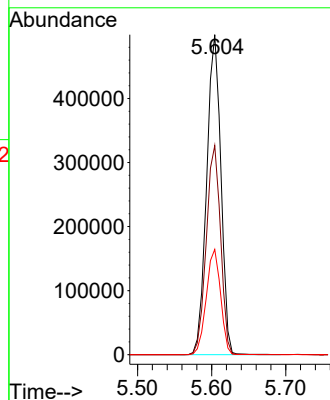
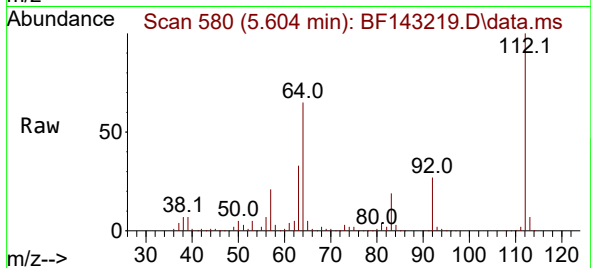
Tgt Ion:112 Resp: 666494
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.9 26.6 40.0

Manual Integrations

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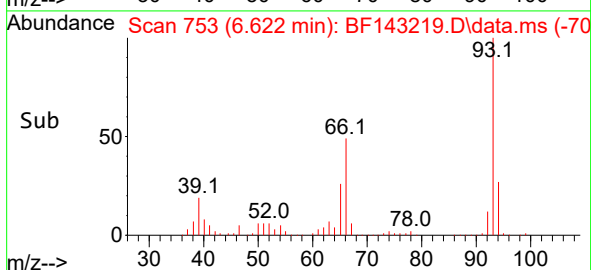
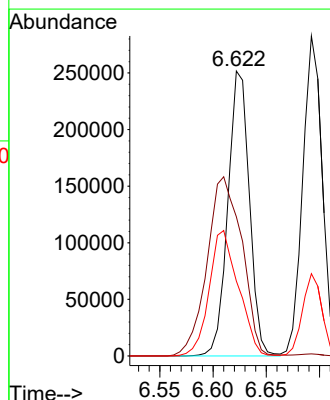
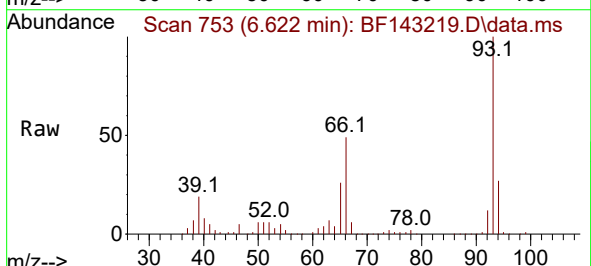
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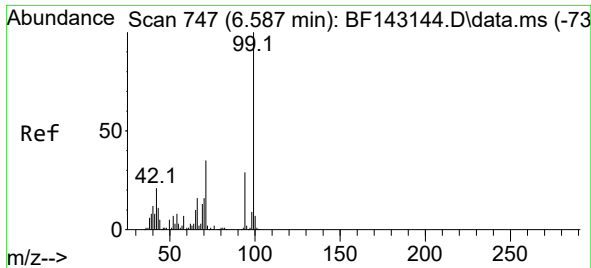
Supervised By :Jagrut Upadhyay 07/24/2025



#6
Aniline
Concen: 24.761 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

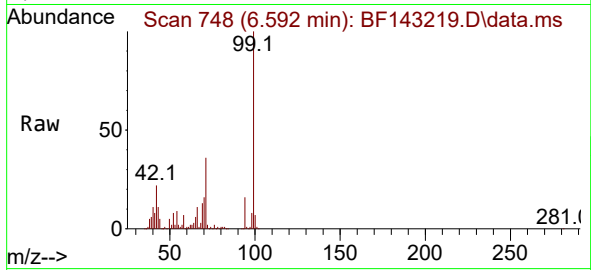
Tgt Ion: 93 Resp: 354226
Ion Ratio Lower Upper
93 100
66 48.9 33.2 49.8
65 26.3 16.9 25.3





#7
Phenol-d6
Concen: 89.313 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

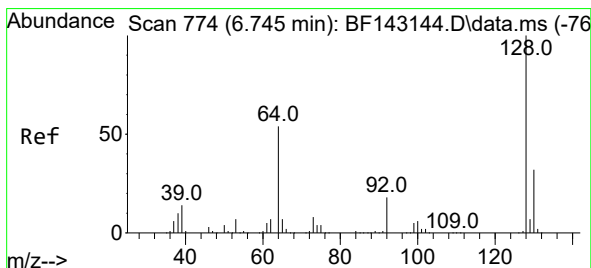
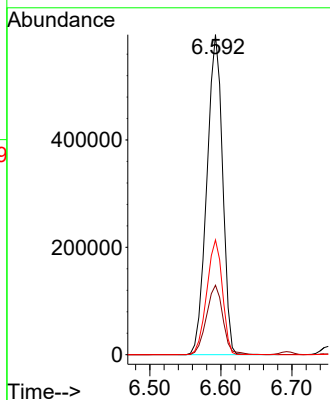
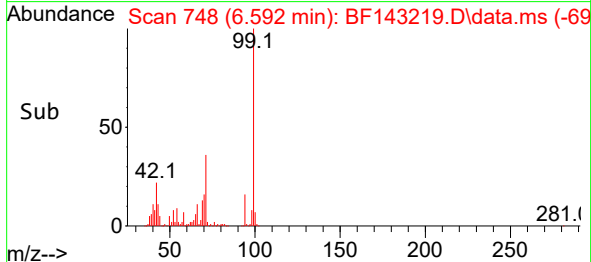
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BNA_F
ClientSampleId :
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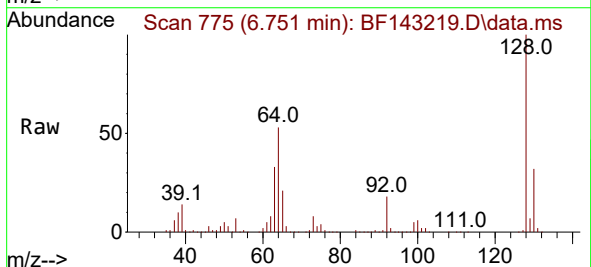
Tgt Ion: 99 Resp: 916762
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 35.9 27.7 41.5

Manual Integrations
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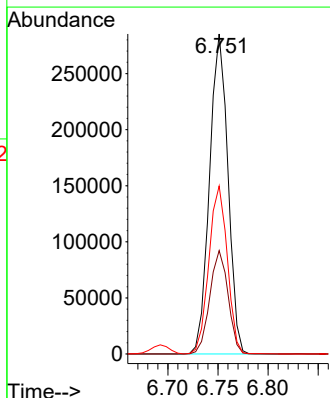
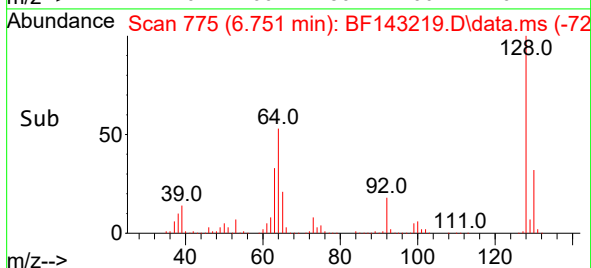
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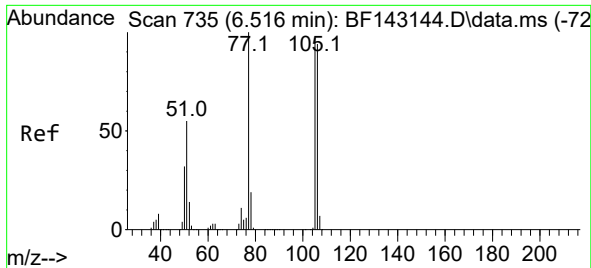


#8
2-Chlorophenol
Concen: 42.579 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



Tgt Ion:128 Resp: 363972
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 52.5 35.9 75.9





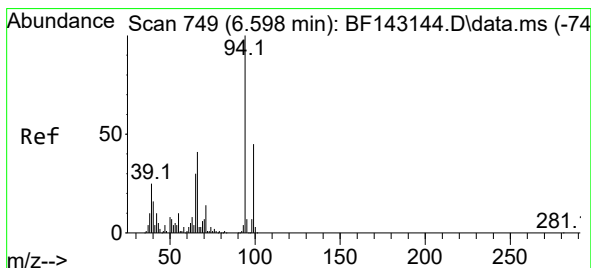
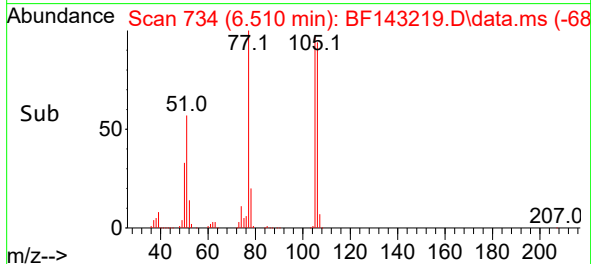
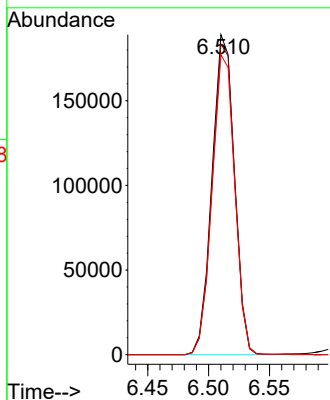
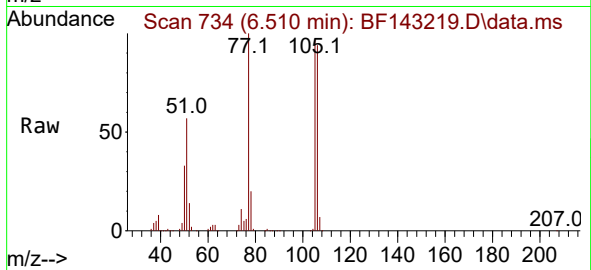
#9
Benzaldehyde
Concen: 31.302 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 77 Resp: 24093
Ion Ratio Lower Upper
77 100
105 97.1 76.8 116.8
106 93.8 74.4 114.4

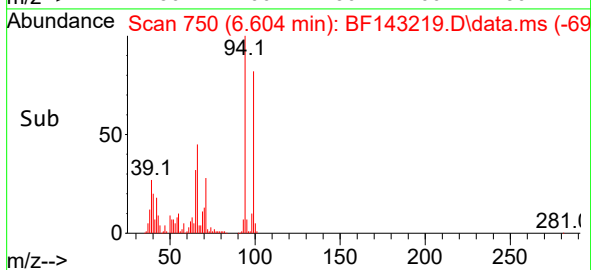
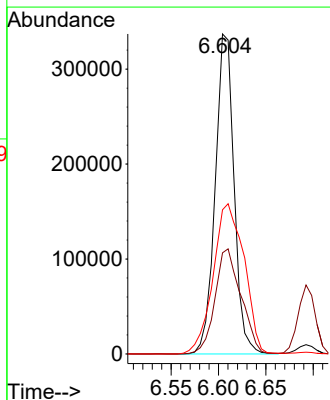
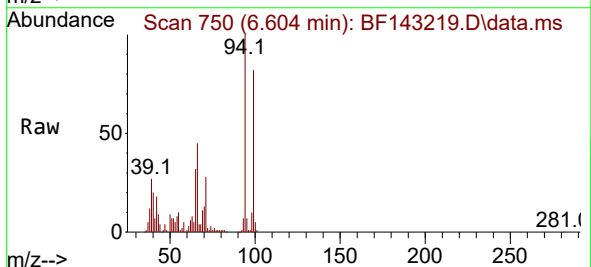
Manual Integrations
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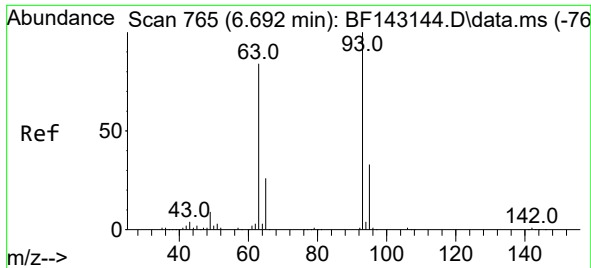
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#10
Phenol
Concen: 41.869 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 94 Resp: 468191
Ion Ratio Lower Upper
94 100
65 31.6 10.0 50.0
66 45.0 20.8 60.8





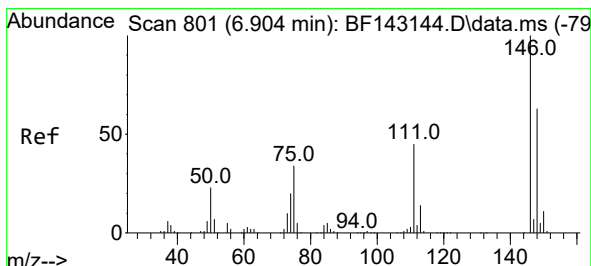
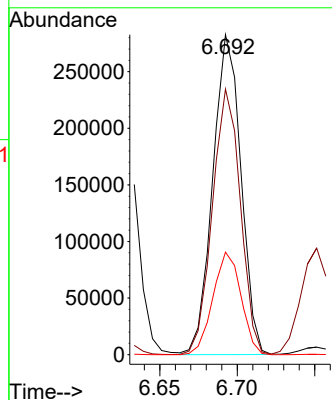
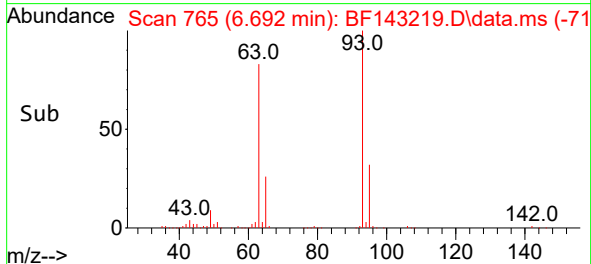
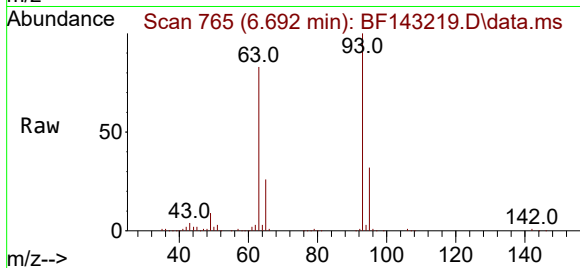
#11
bis(2-Chloroethyl)ether
Concen: 41.720 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 93 Resp: 35720
Ion Ratio Lower Upper
93 100
63 83.0 63.4 103.4
95 32.0 12.4 52.4

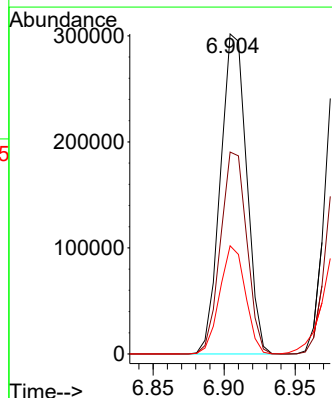
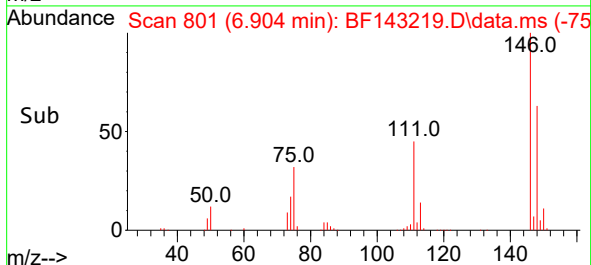
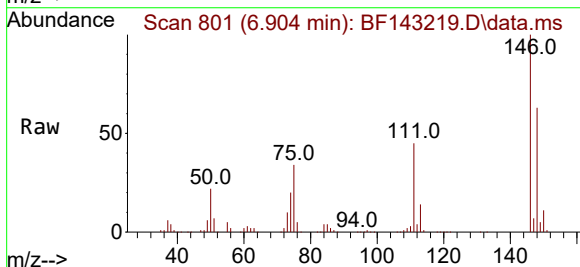
Manual Integrations
APPROVED

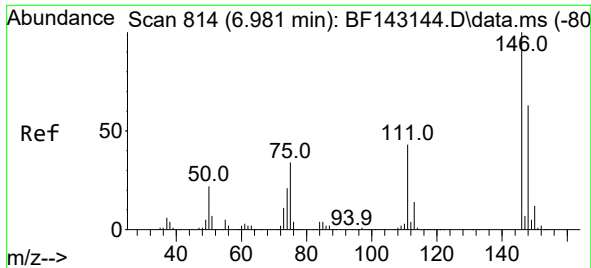
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#12
1,3-Dichlorobenzene
Concen: 41.666 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 386913
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.8 27.4 41.2





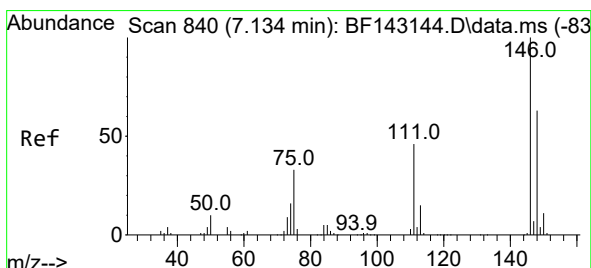
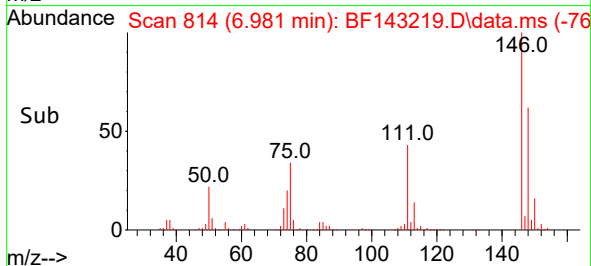
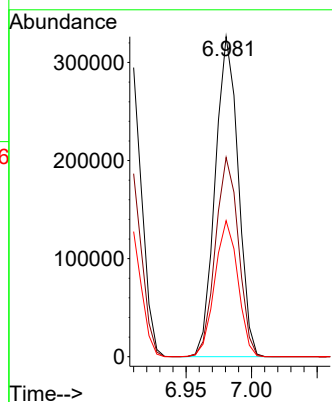
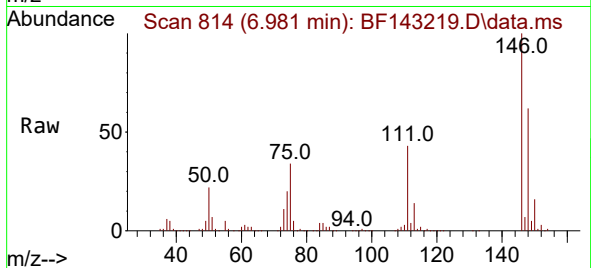
#13
1,4-Dichlorobenzene
Concen: 42.512 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:146 Resp: 39755
Ion Ratio Lower Upper
146 100
148 62.3 50.3 75.5
111 42.5 34.4 51.6

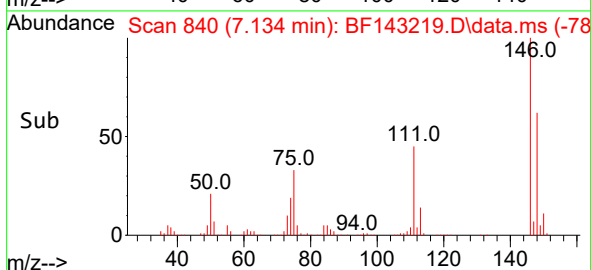
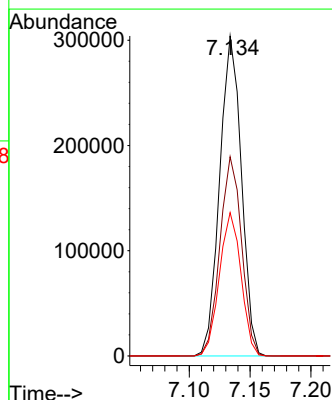
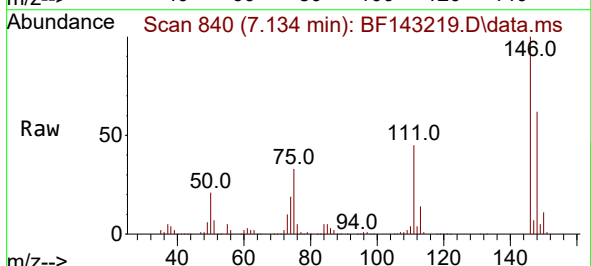
Manual Integrations
APPROVED

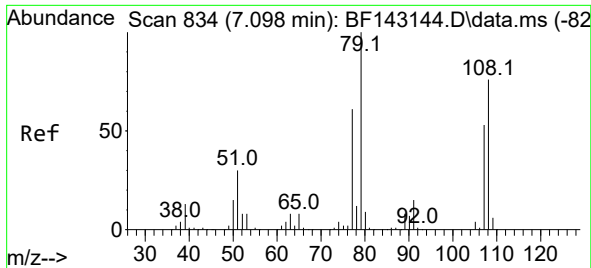
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#14
1,2-Dichlorobenzene
Concen: 42.464 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:146 Resp: 377692
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
111 44.8 36.6 54.8





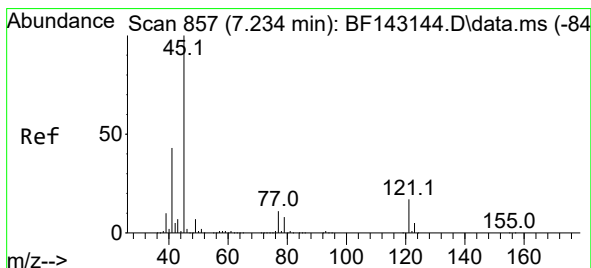
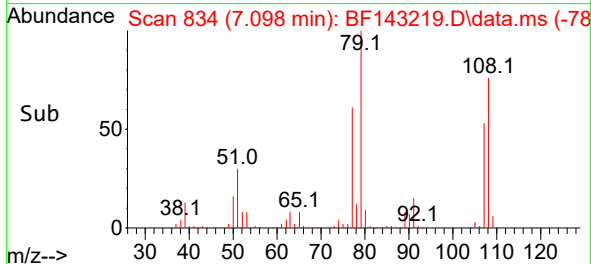
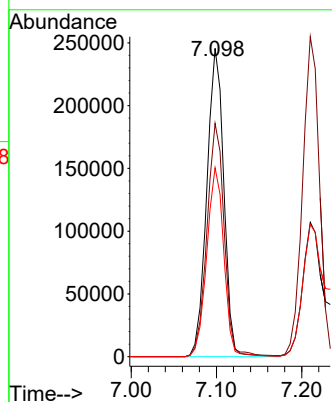
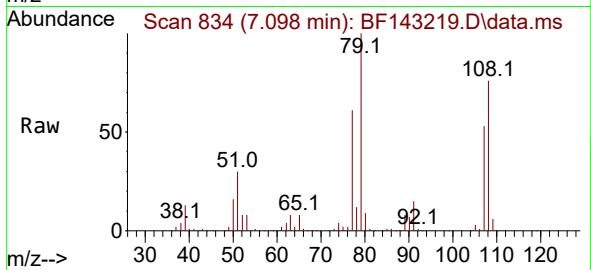
#15
Benzyl Alcohol
Concen: 43.553 ng
RT: 7.098 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 79 Resp: 341349
Ion Ratio Lower Upper
79 100
108 75.6 61.1 91.7
77 61.3 48.9 73.3

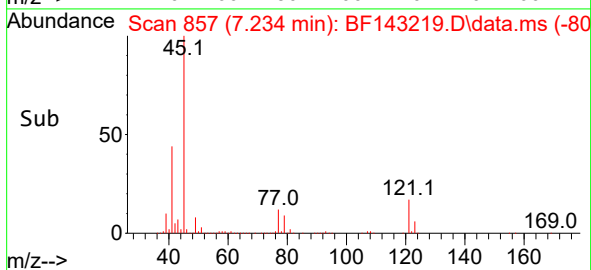
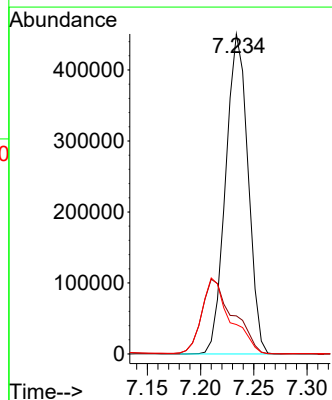
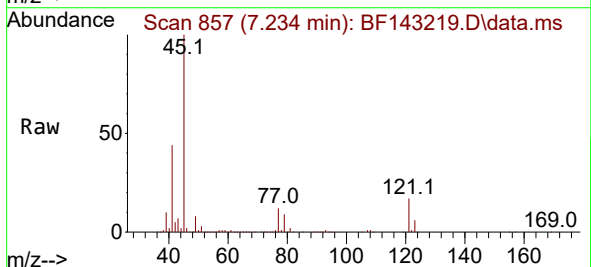
Manual Integrations
APPROVED

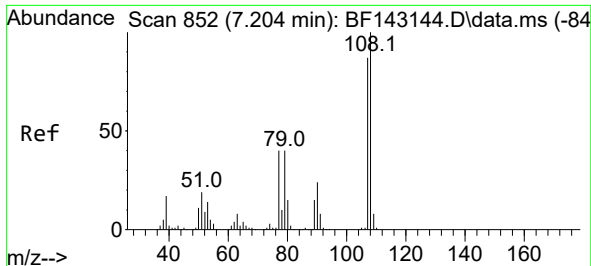
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.398 ng
RT: 7.234 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

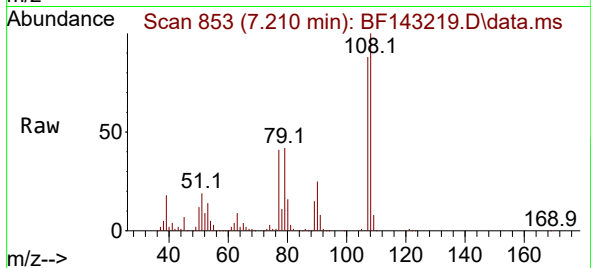
Tgt Ion: 45 Resp: 657511
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 9.2 0.0 28.5





#17
2-Methylphenol
Concen: 42.633 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

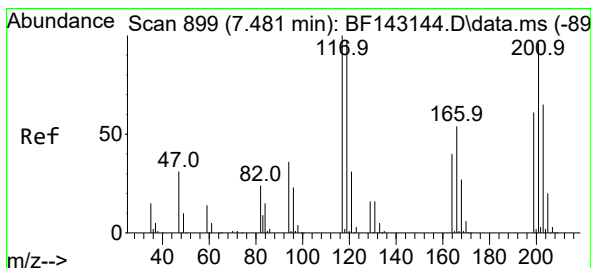
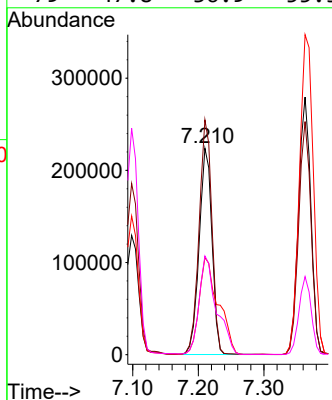
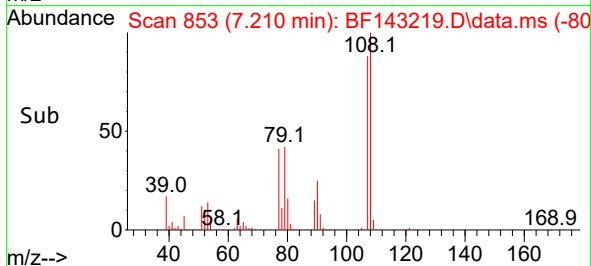
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:107 Resp: 306419
Ion Ratio Lower Upper
107 100
108 113.8 91.8 137.6
77 47.0 37.0 55.6
79 47.8 36.9 55.3

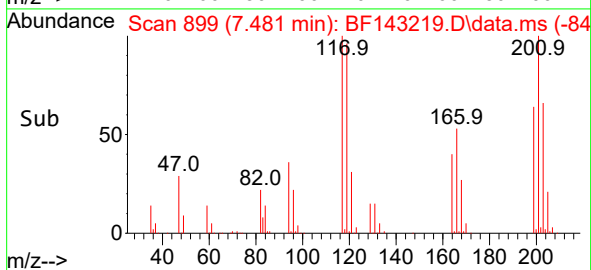
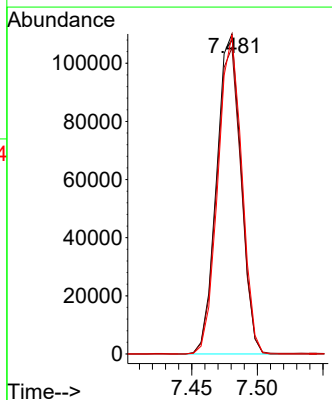
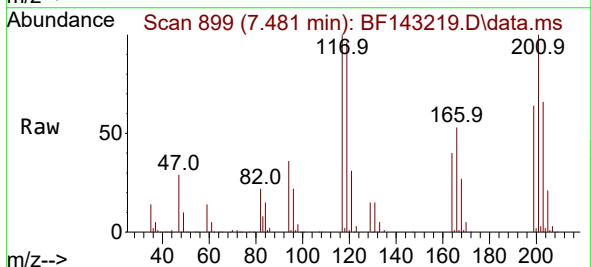
Manual Integrations
APPROVED

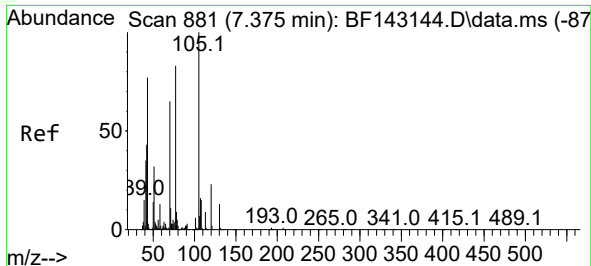
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#18
Hexachloroethane
Concen: 44.007 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:117 Resp: 142466
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8
201 99.6 77.0 115.4





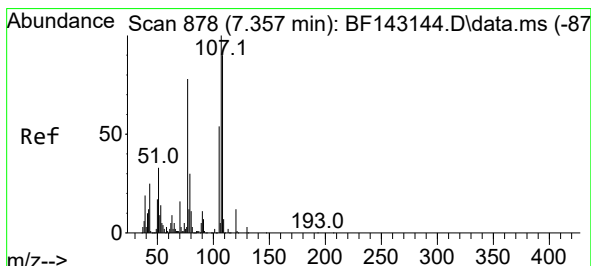
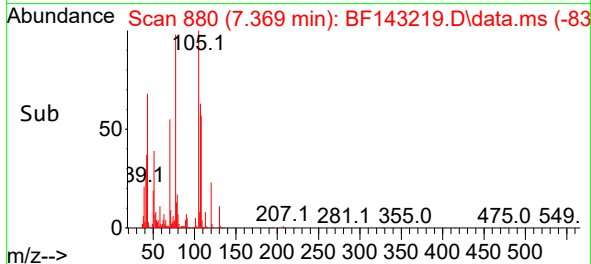
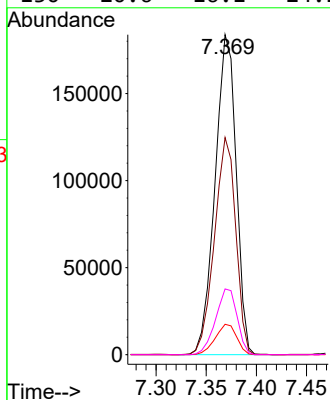
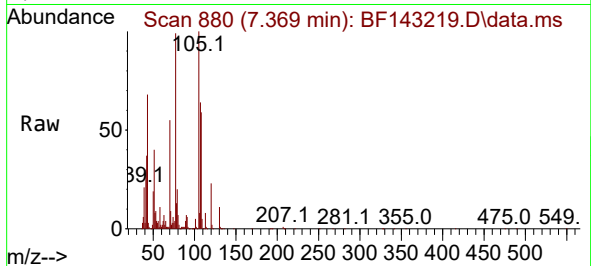
#19
n-Nitroso-di-n-propylamine
Concen: 40.847 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 70 Resp: 268994
Ion Ratio Lower Upper
70 100
42 67.8 52.5 78.7
101 9.5 7.6 11.4
130 20.6 16.1 24.1

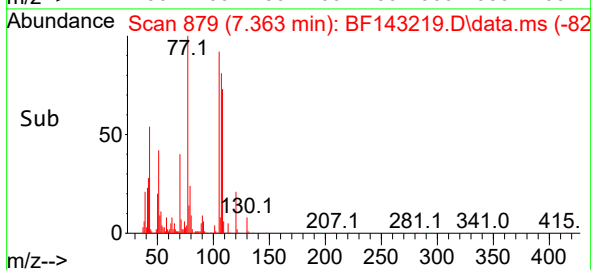
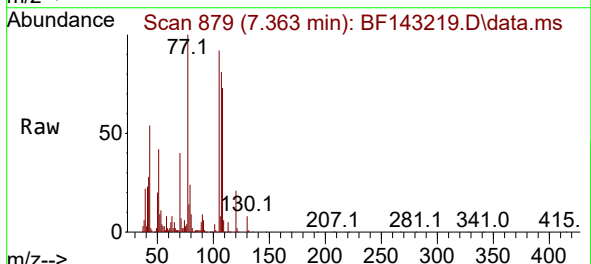
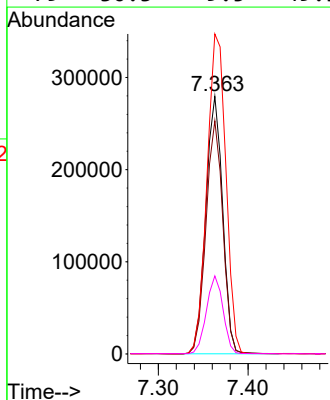
Manual Integrations
APPROVED

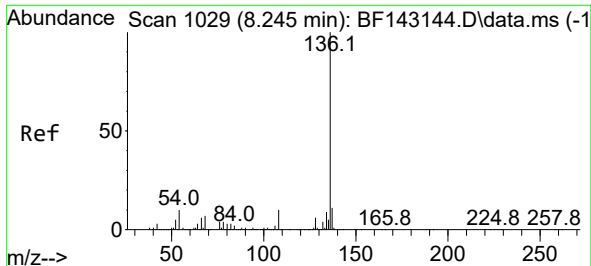
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#20
3+4-Methylphenols
Concen: 41.879 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

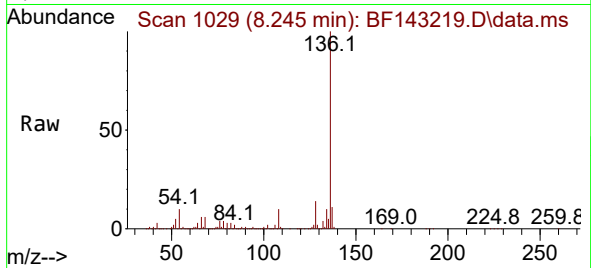
Tgt Ion:107 Resp: 365199
Ion Ratio Lower Upper
107 100
108 90.5 70.0 110.0
77 124.2 57.8 97.8#
79 30.3 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

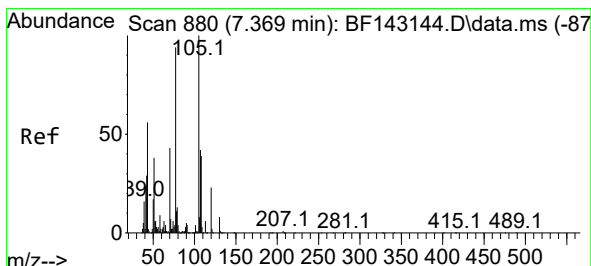
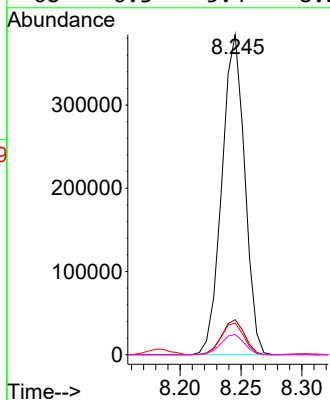
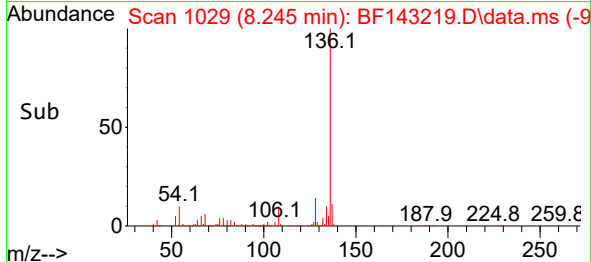
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:136 Resp: 500590
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.2 12.2
68 6.3 5.4 8.2

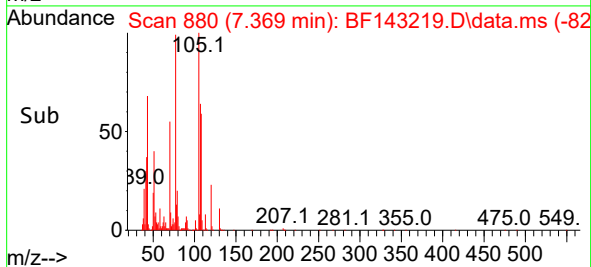
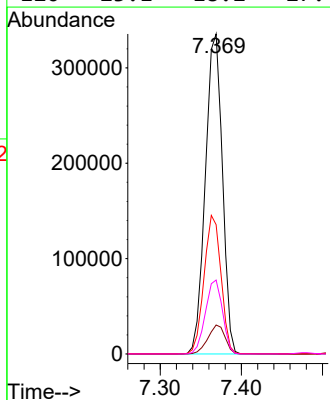
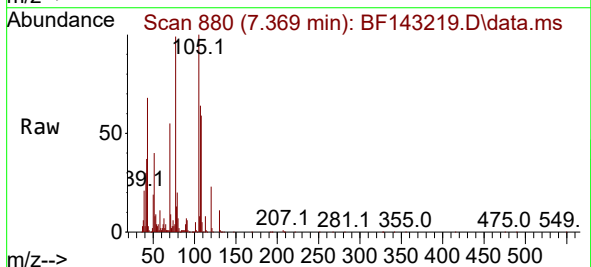
Manual Integrations
APPROVED

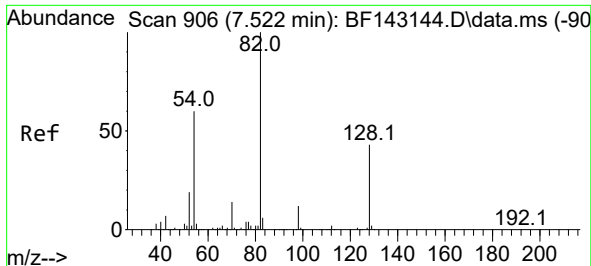
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#22
Acetophenone
Concen: 41.214 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:105 Resp: 488458
Ion Ratio Lower Upper
105 100
71 9.1 5.8 8.6#
51 40.4 30.2 45.2
120 23.1 18.2 27.4





#23
Nitrobenzene-d5
Concen: 58.848 ng
RT: 7.522 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

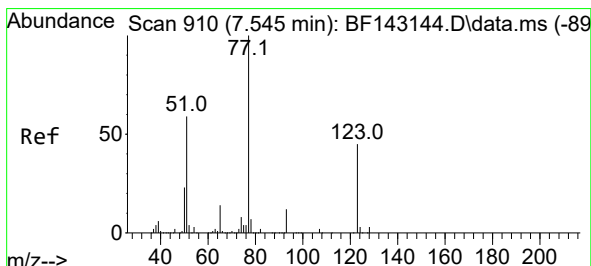
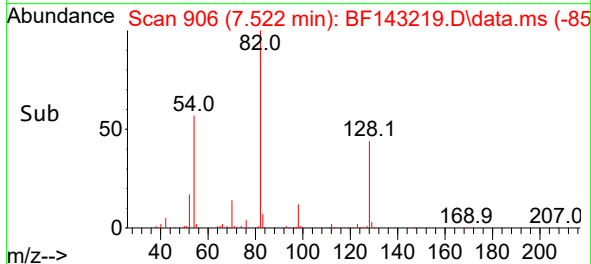
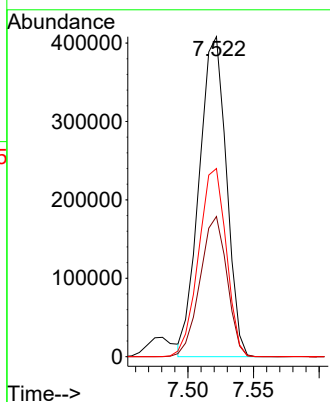
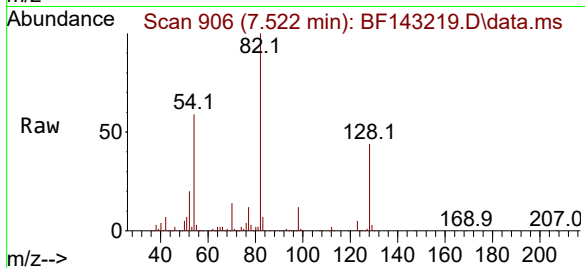
WC-3MS

Tgt Ion: 82 Resp: 590990
Ion Ratio Lower Upper
82 100
128 43.8 33.6 50.4
54 58.8 47.1 70.7

Manual Integrations

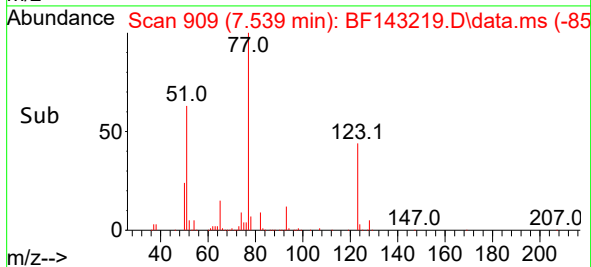
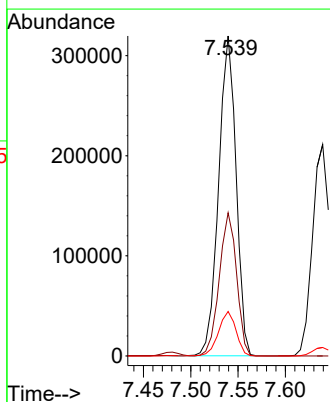
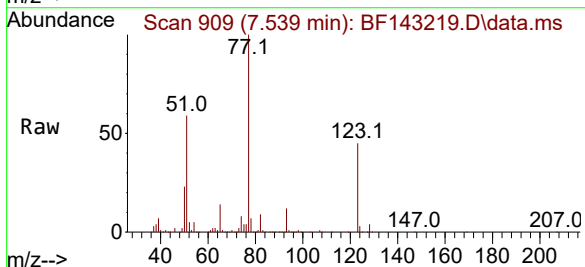
APPROVED

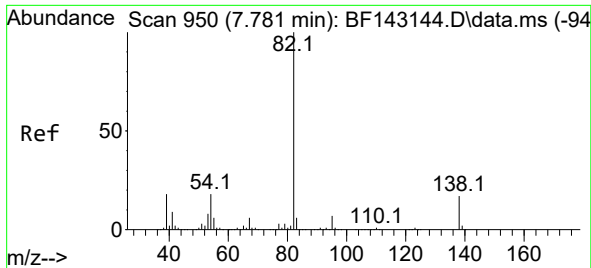
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#24
Nitrobenzene
Concen: 43.691 ng
RT: 7.539 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion: 77 Resp: 409071
Ion Ratio Lower Upper
77 100
123 44.7 36.1 54.1
65 13.9 11.4 17.2





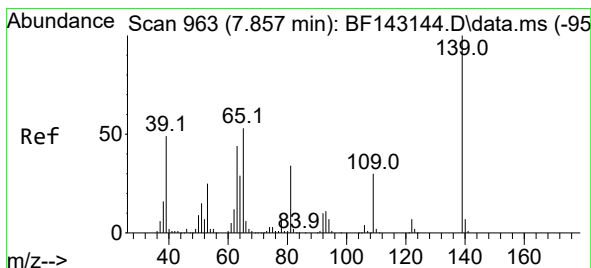
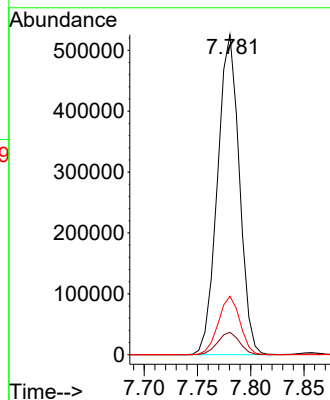
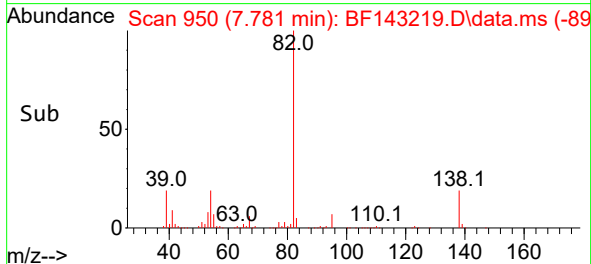
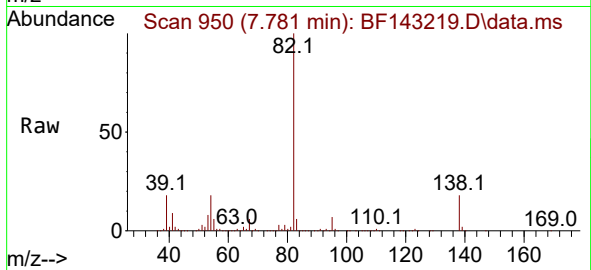
#25
Isophorone
Concen: 42.254 ng
RT: 7.781 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion: 82 Resp: 74909
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.3 13.8 20.8

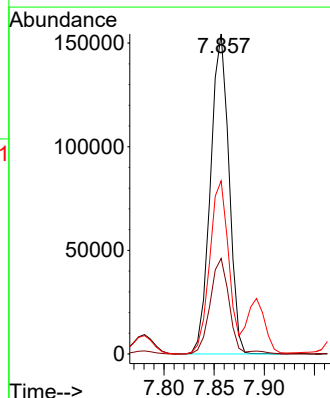
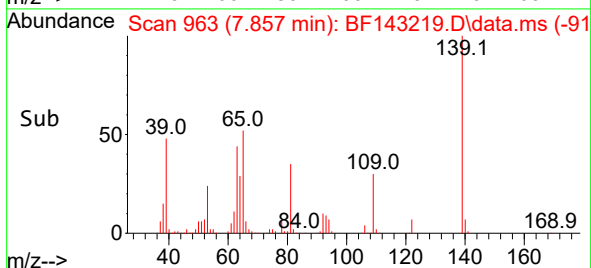
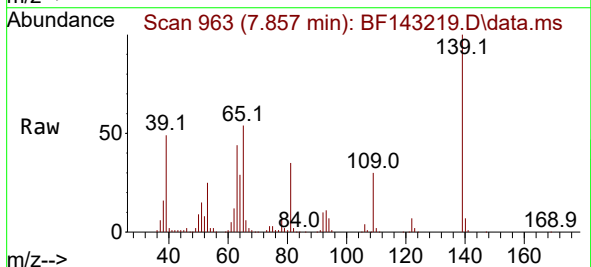
Manual Integrations
APPROVED

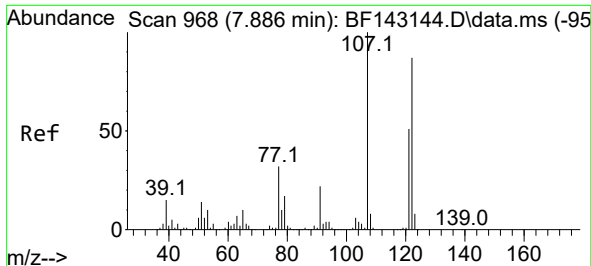
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#26
2-Nitrophenol
Concen: 48.734 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:139 Resp: 198030
Ion Ratio Lower Upper
139 100
109 29.9 23.6 35.4
65 54.1 42.6 64.0





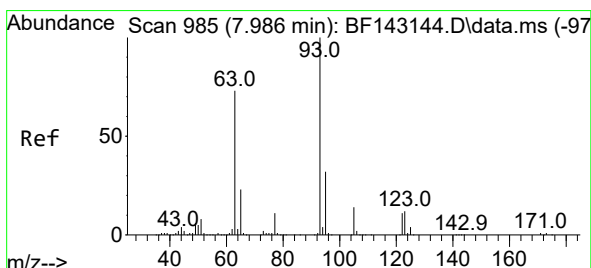
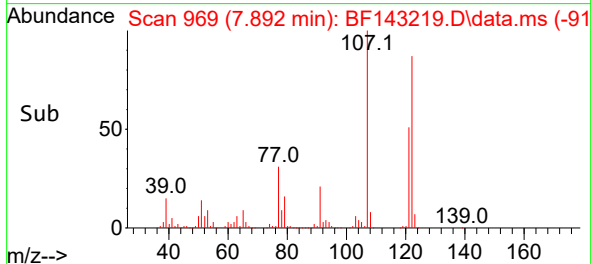
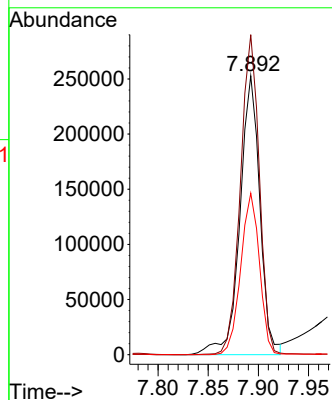
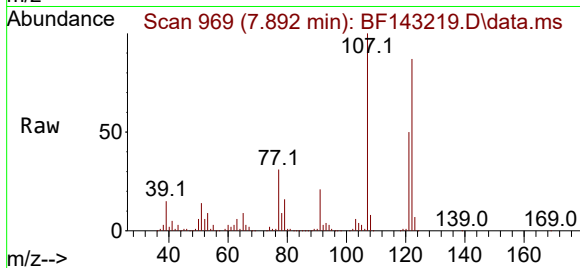
#27
2,4-Dimethylphenol
Concen: 42.337 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:122 Resp: 350670
Ion Ratio Lower Upper
122 100
107 114.7 91.8 137.6
121 57.9 46.3 69.5

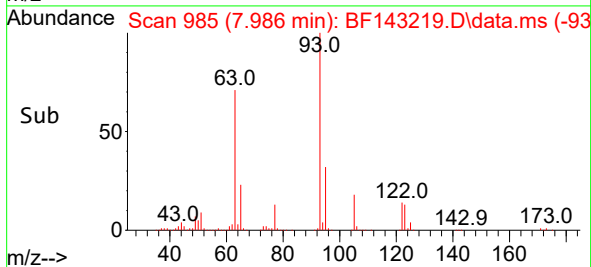
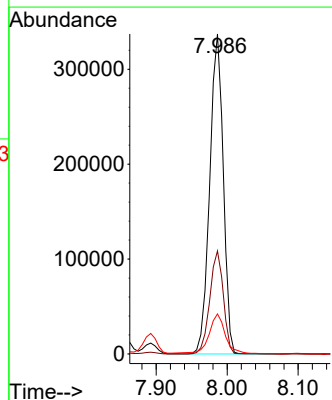
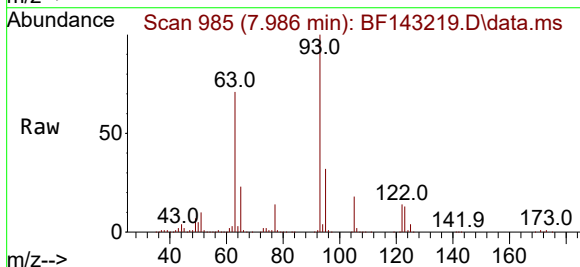
Manual Integrations
APPROVED

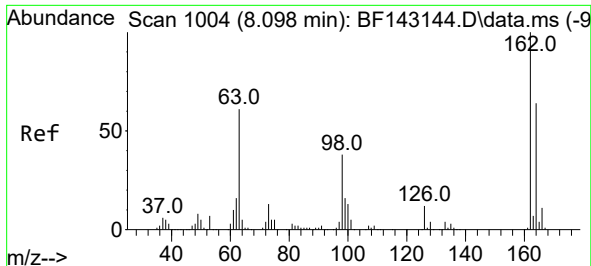
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.111 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

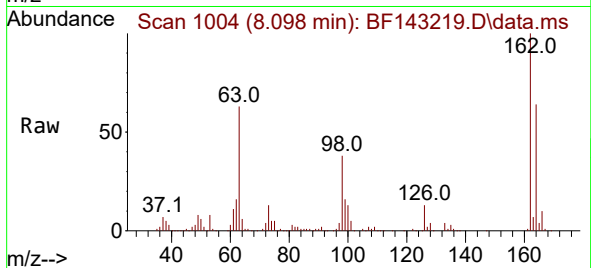
Tgt Ion: 93 Resp: 447620
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 12.5 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 43.659 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

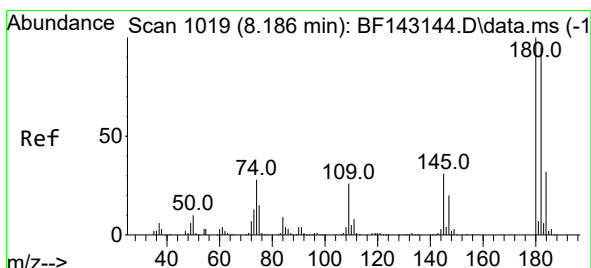
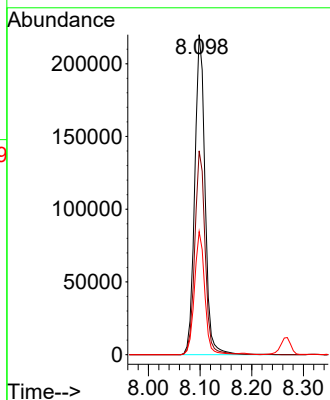
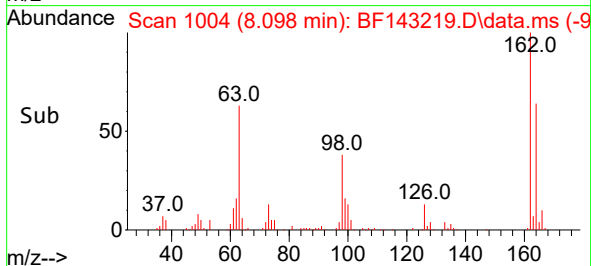
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:162 Resp: 30497
Ion Ratio Lower Upper
162 100
164 63.7 44.2 84.2
98 38.5 17.9 57.9

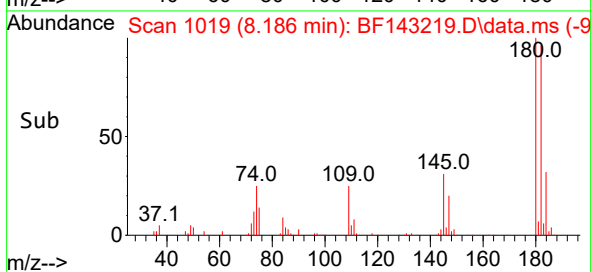
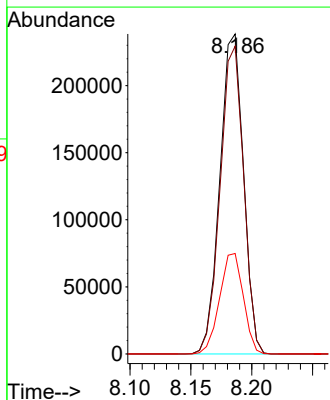
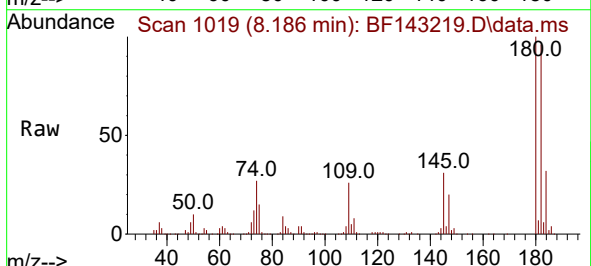
Manual Integrations
APPROVED

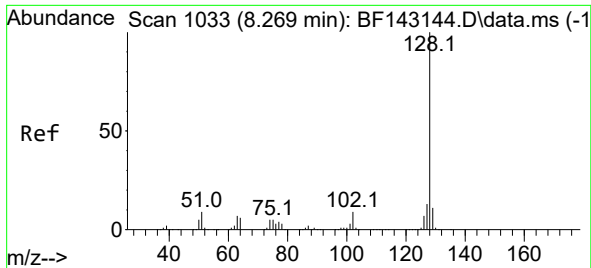
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.664 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

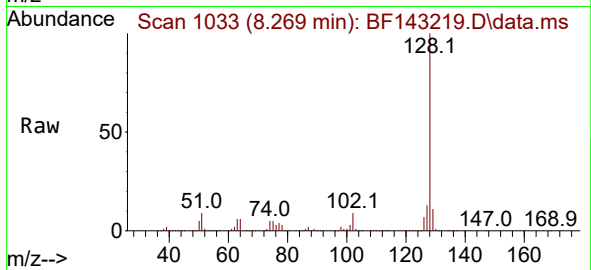
Tgt Ion:180 Resp: 321967
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 31.4 25.0 37.6





#31
Naphthalene
Concen: 42.382 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

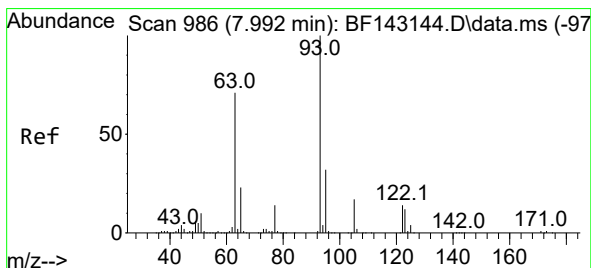
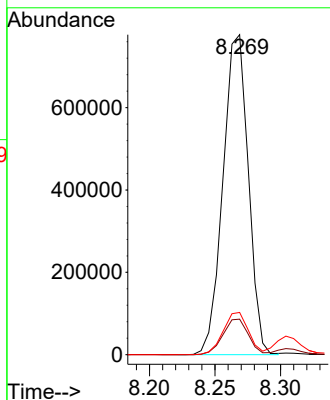
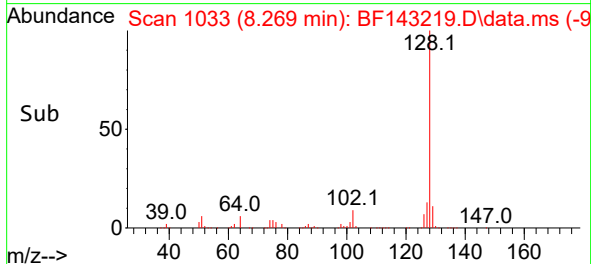
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:128 Resp: 104486
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.6 16.0

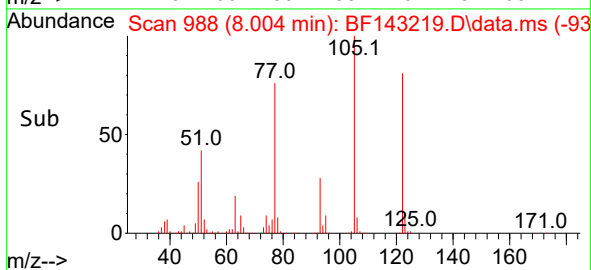
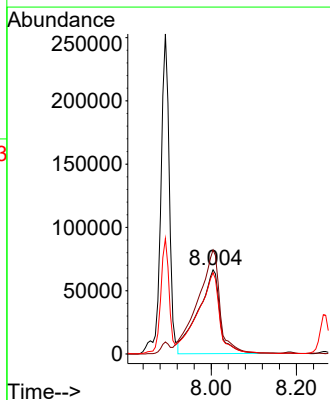
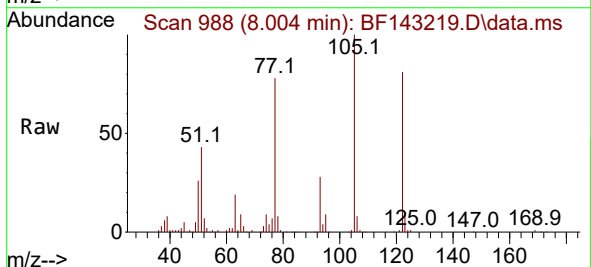
Manual Integrations
APPROVED

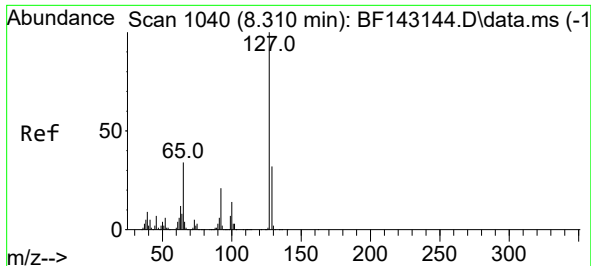
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#32
Benzoic acid
Concen: 49.997 ng
RT: 8.004 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

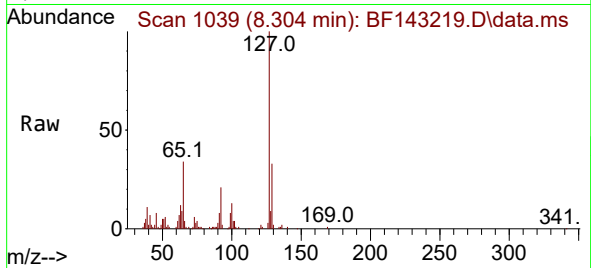
Tgt Ion:122 Resp: 234401
Ion Ratio Lower Upper
122 100
105 123.6 104.8 144.8
77 96.6 77.6 117.6





#33
4-Chloroaniline
Concen: 6.458 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

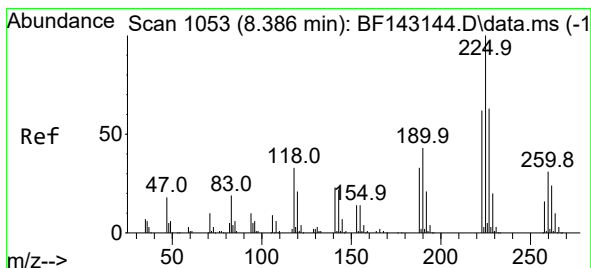
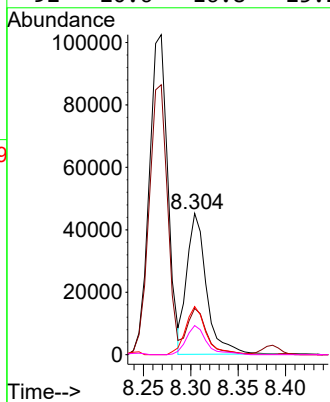
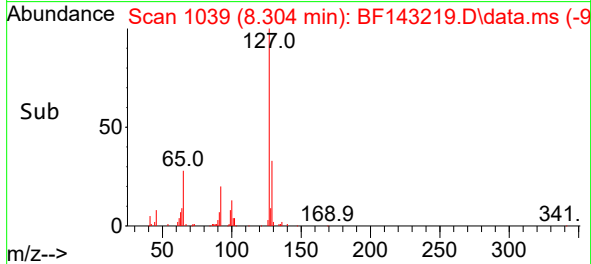
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:127 Resp: 65011
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 34.1 27.4 41.2
92 20.6 16.8 25.2

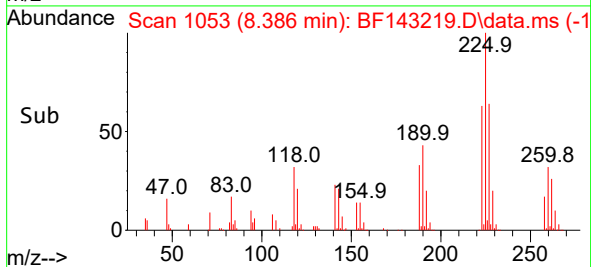
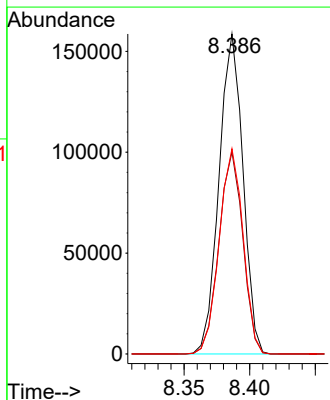
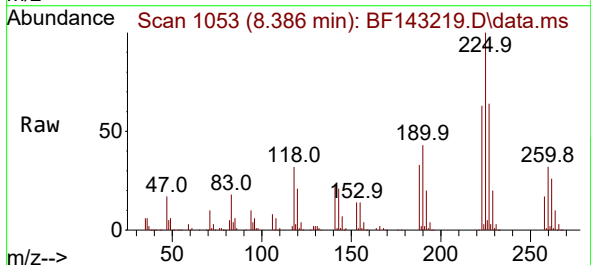
Manual Integrations
APPROVED

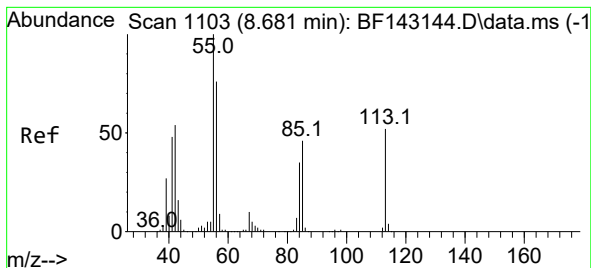
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#34
Hexachlorobutadiene
Concen: 43.575 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:225 Resp: 200881
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 64.2 50.2 75.4





#35

Caprolactam

Concen: 47.398 ng m

RT: 8.675 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:113 Resp: 100049

Ion Ratio Lower Upper

113 100

55 195.2 174.0 214.0

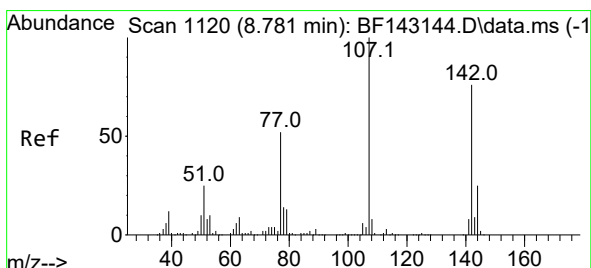
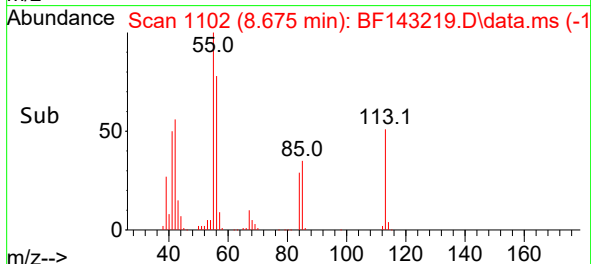
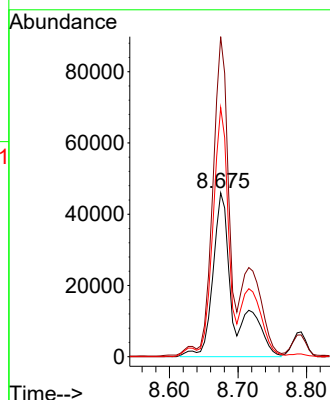
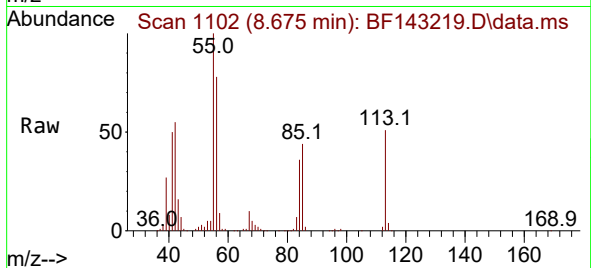
56 152.0 126.6 166.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#36

4-Chloro-3-methylphenol

Concen: 44.285 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

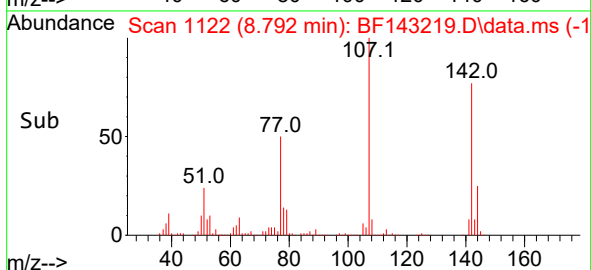
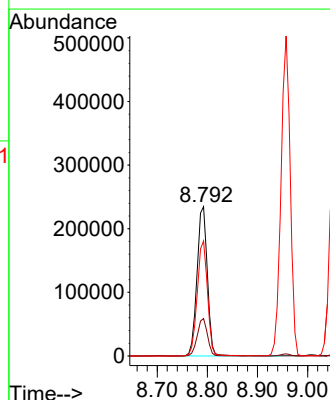
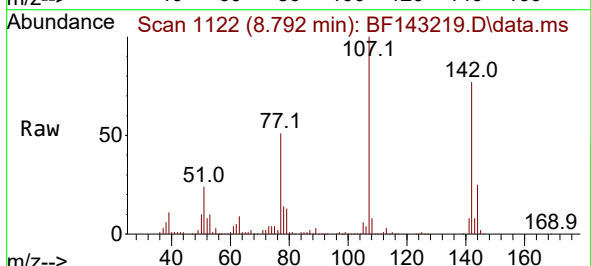
Tgt Ion:107 Resp: 336225

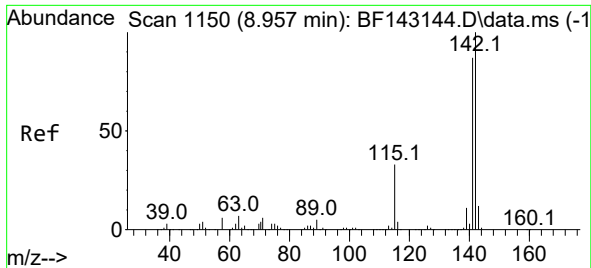
Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

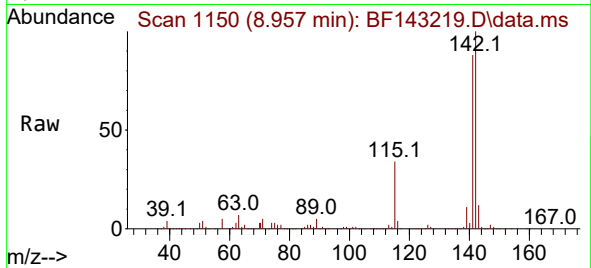
142 77.0 60.6 90.8





#37
2-Methylnaphthalene
Concen: 42.865 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

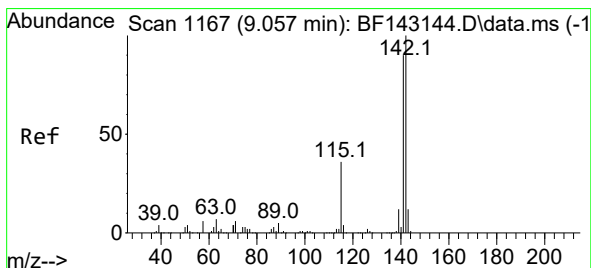
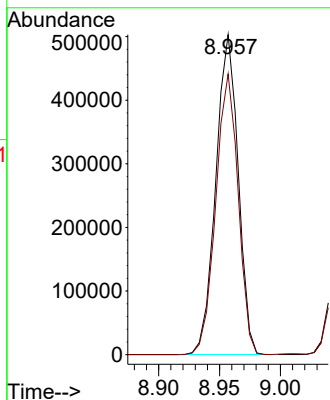
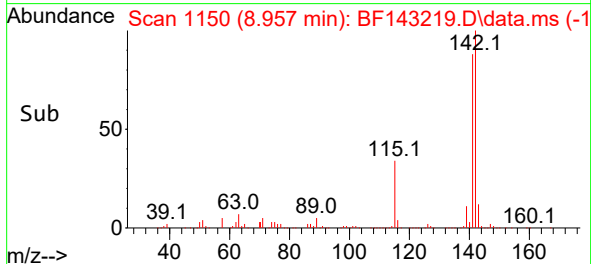
Instrument :
BNA_F
ClientSampleId :
WC-3MS



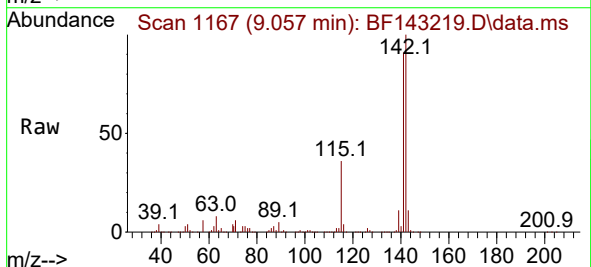
Tgt Ion:142 Resp: 64307
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9

Manual Integrations
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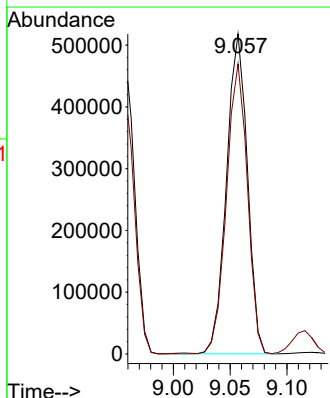
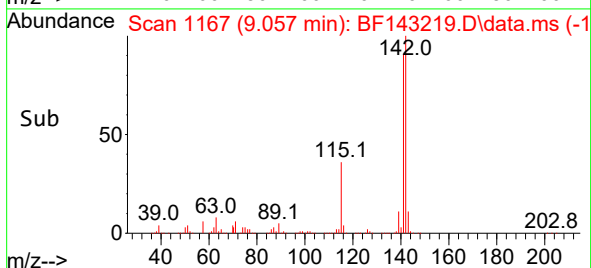
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

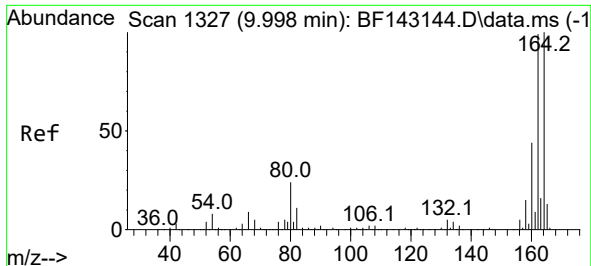


#38
1-Methylnaphthalene
Concen: 42.942 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



Tgt Ion:142 Resp: 663384
Ion Ratio Lower Upper
142 100
141 90.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF143219.D

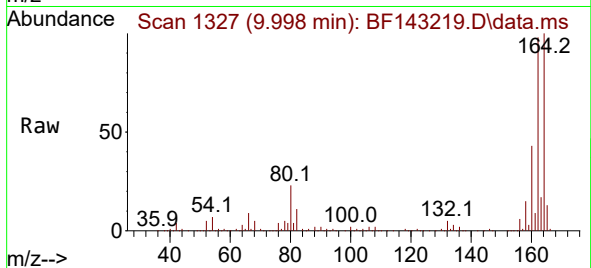
Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS



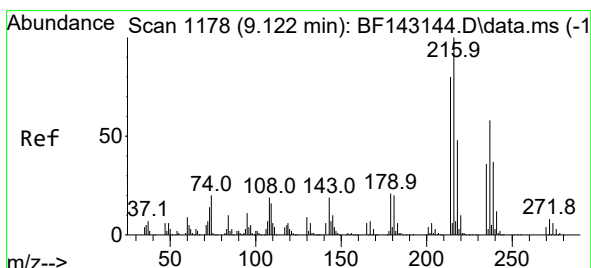
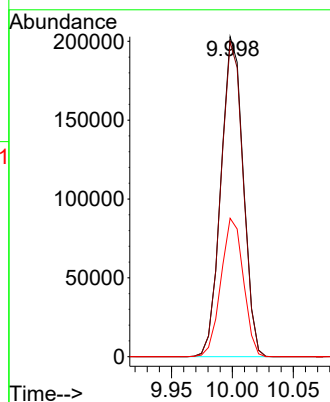
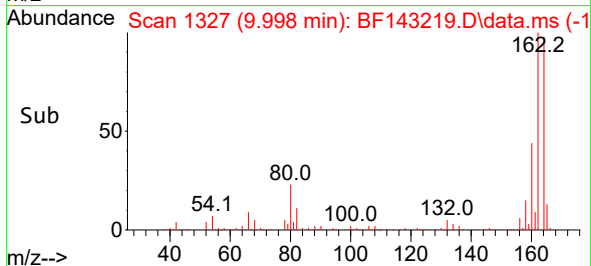
Tgt Ion:164 Resp: 25843

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.0	118.6
160	43.3	35.1	52.7

Manual Integrations
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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.743 ng

RT: 9.128 min Scan# 1179

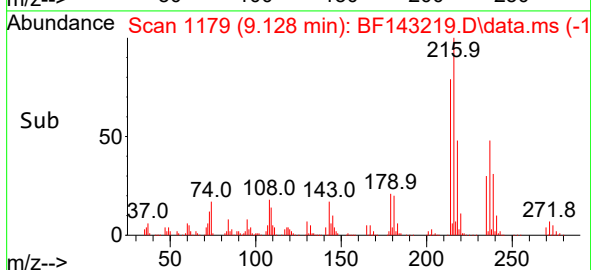
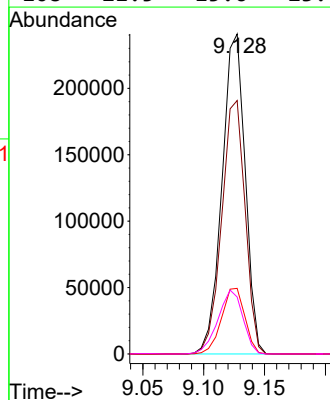
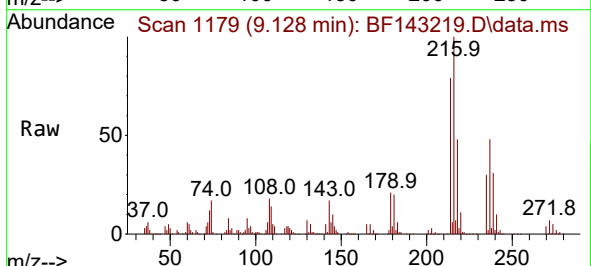
Delta R.T. 0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Tgt Ion:216 Resp: 318910

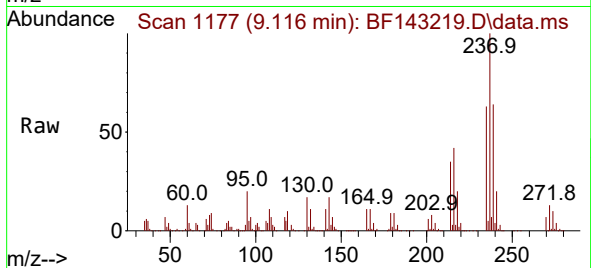
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.7	16.4	24.6
108	21.5	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 88.068 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

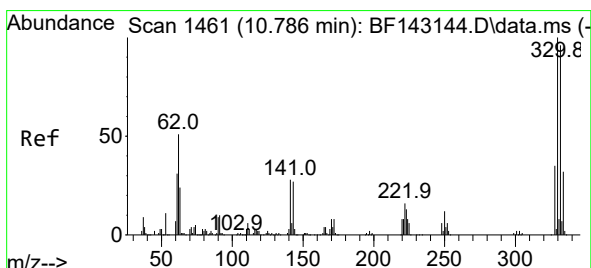
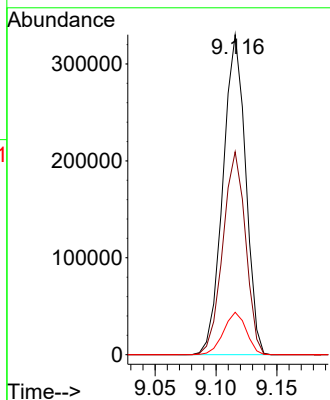
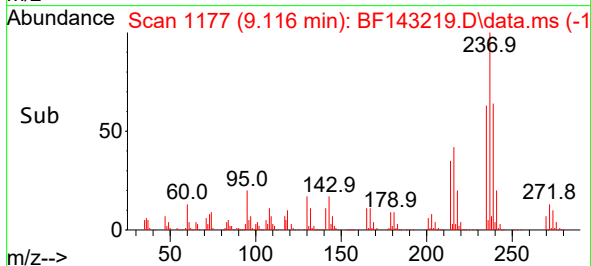
Instrument :
BNA_F
ClientSampleId :
WC-3MS



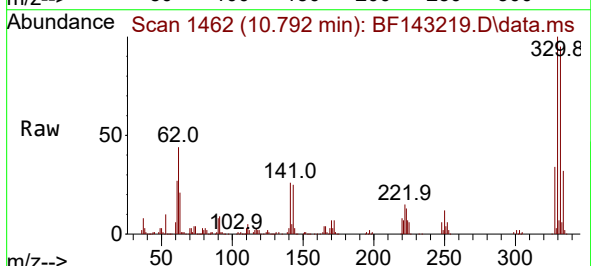
Tgt Ion:237 Resp: 427550
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.3 0.0 33.3

Manual Integrations
APPROVED

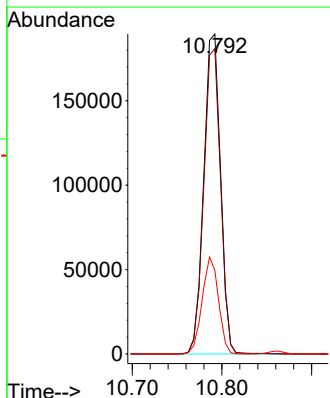
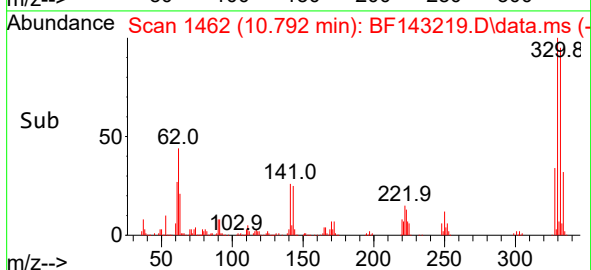
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#42
2,4,6-Tribromophenol
Concen: 92.370 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



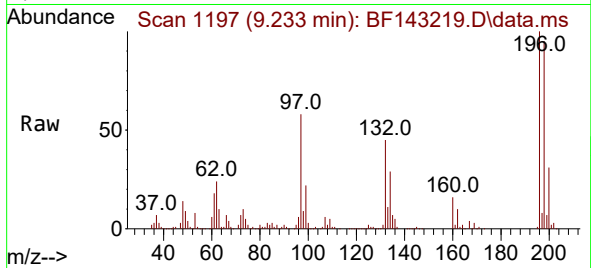
Tgt Ion:330 Resp: 246605
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 29.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 42.946 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

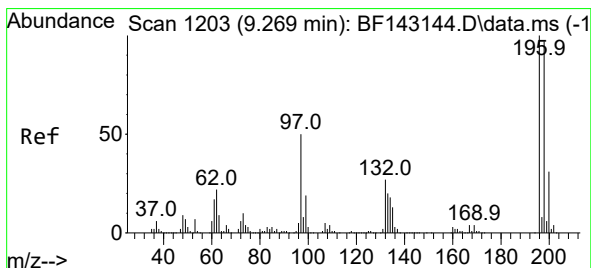
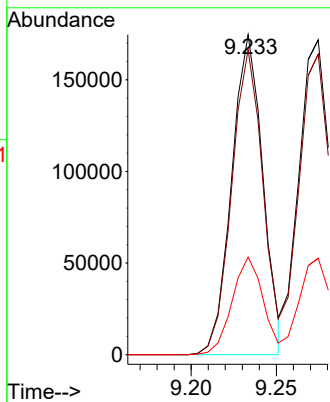
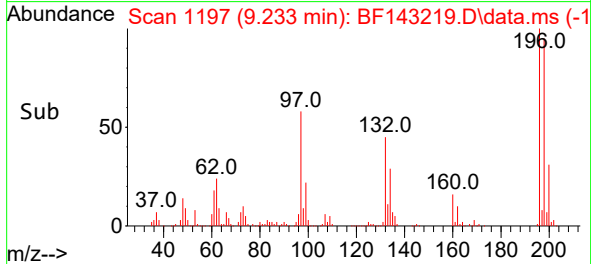
Instrument :
BNA_F
ClientSampleId :
WC-3MS



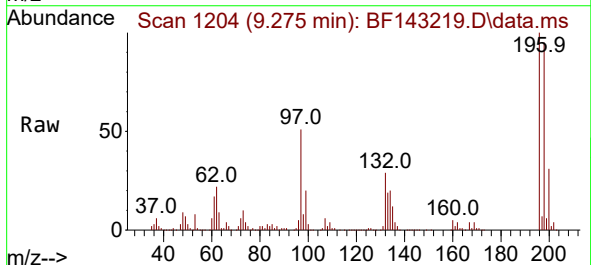
Tgt Ion:196 Resp: 22176
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.5 23.9 35.9

Manual Integrations
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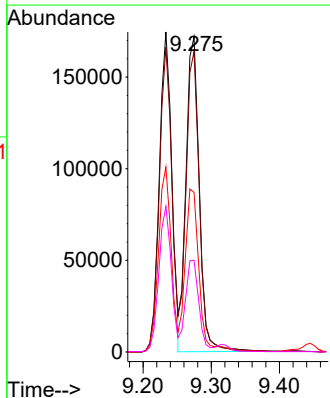
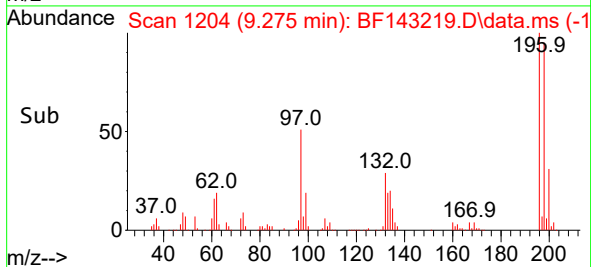
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

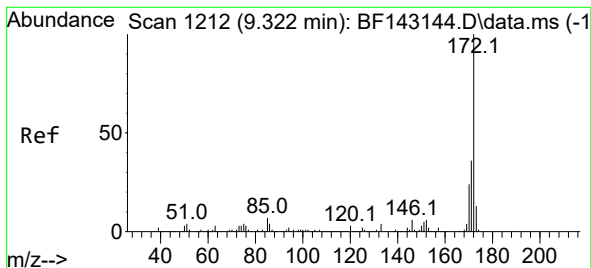


#44
2,4,5-Trichlorophenol
Concen: 44.986 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



Tgt Ion:196 Resp: 232369
Ion Ratio Lower Upper
196 100
198 95.5 77.3 115.9
97 50.7 40.3 60.5
132 29.1 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 54.278 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:172 Resp: 1025654

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

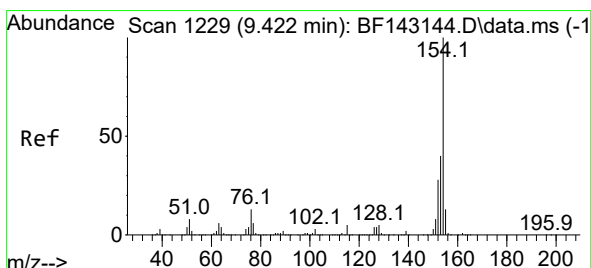
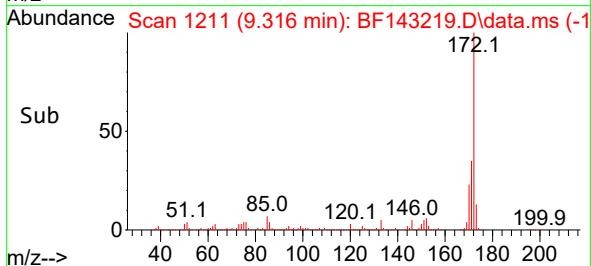
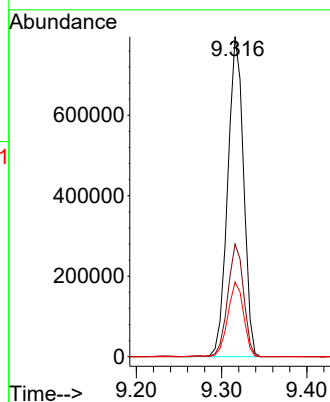
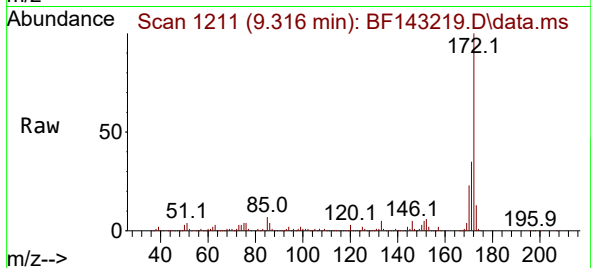
170 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#46

1,1'-Biphenyl

Concen: 43.522 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

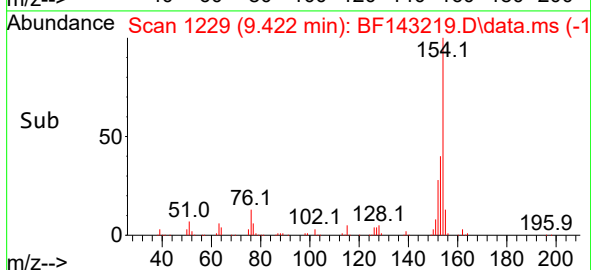
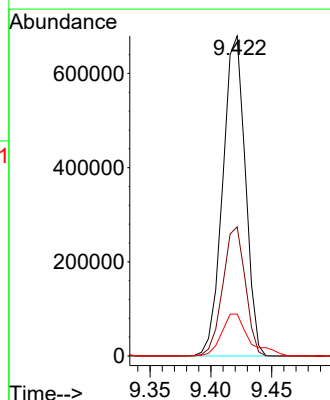
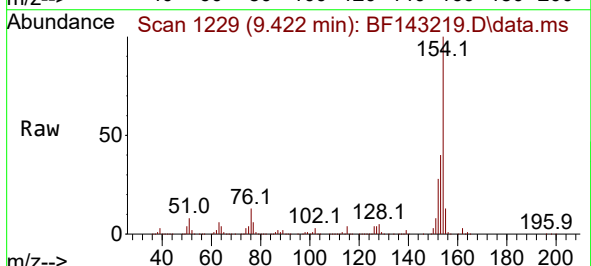
Tgt Ion:154 Resp: 877516

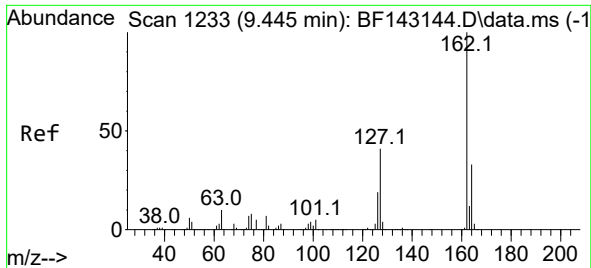
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.634 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:162 Resp: 63605

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.2

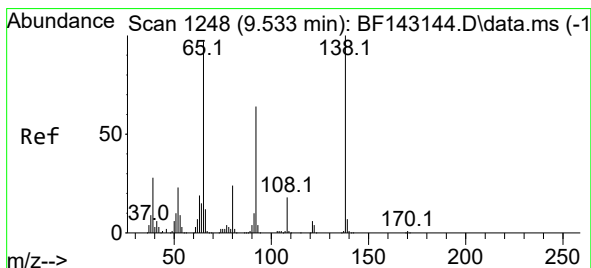
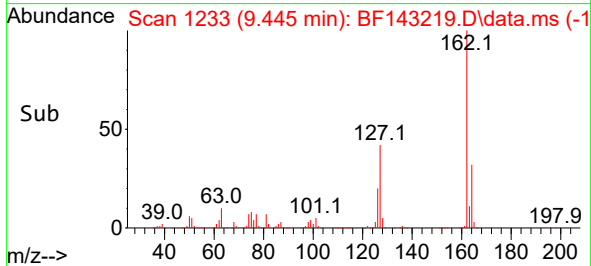
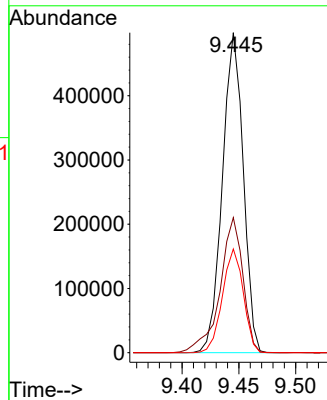
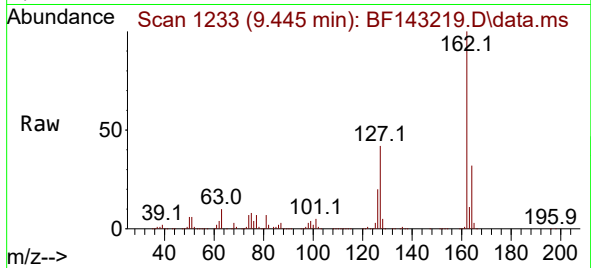
164 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#48

2-Nitroaniline

Concen: 46.188 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

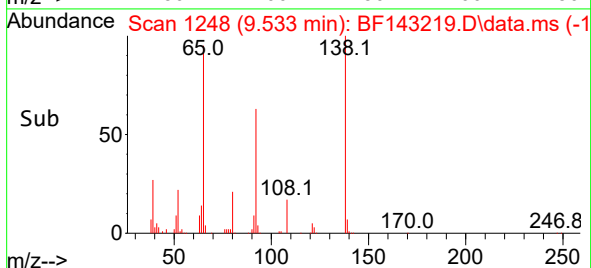
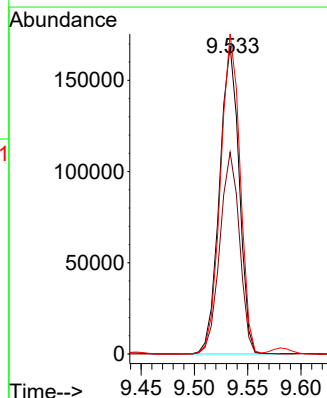
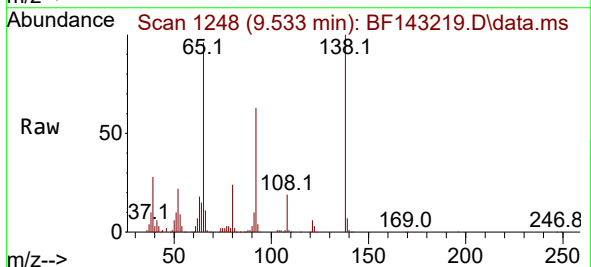
Tgt Ion: 65 Resp: 216093

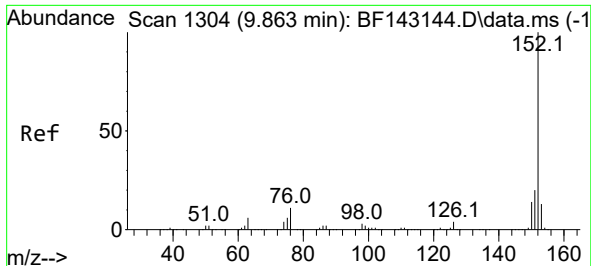
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 103.8 82.3 123.5





#49

Acenaphthylene

Concen: 43.295 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143219.D

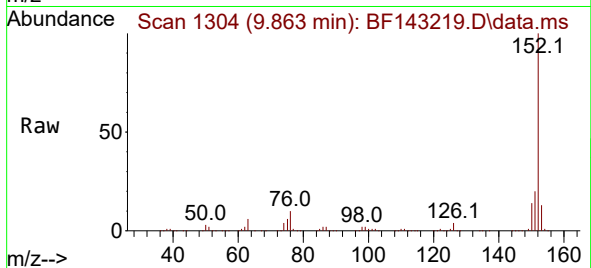
Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS



Tgt Ion:152 Resp: 108245

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

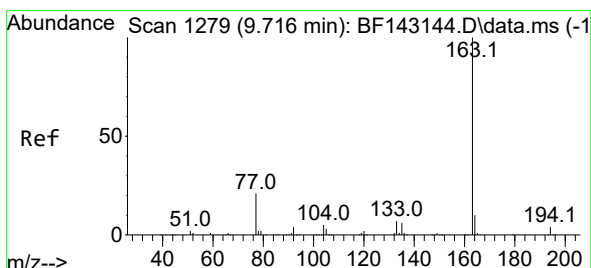
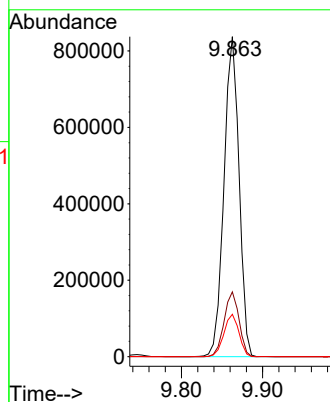
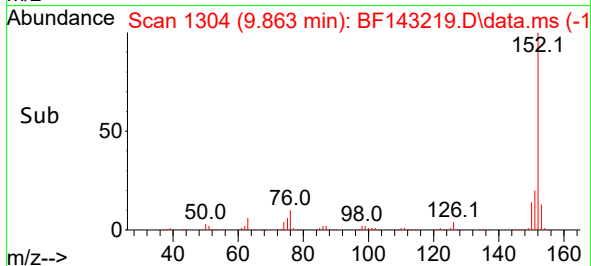
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#50

Dimethylphthalate

Concen: 44.909 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

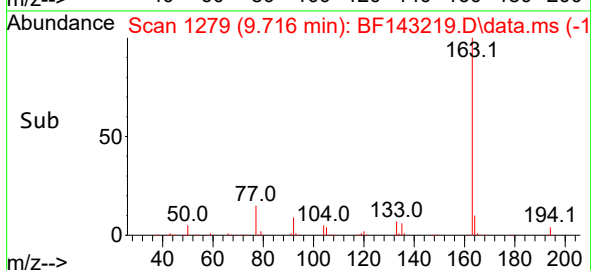
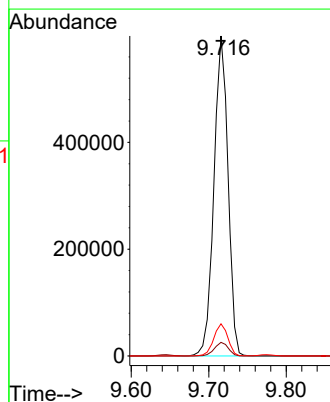
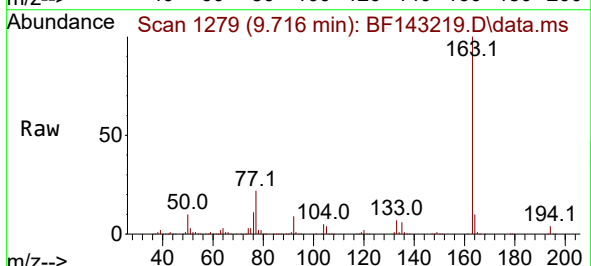
Tgt Ion:163 Resp: 756505

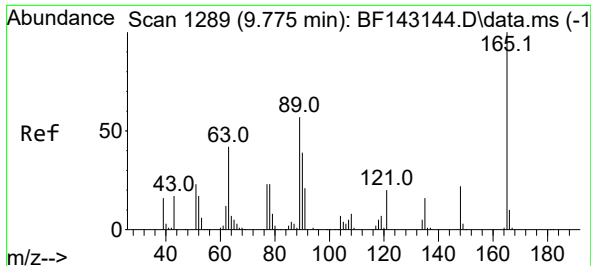
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

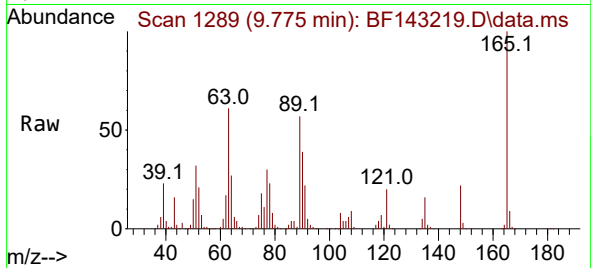
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.404 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

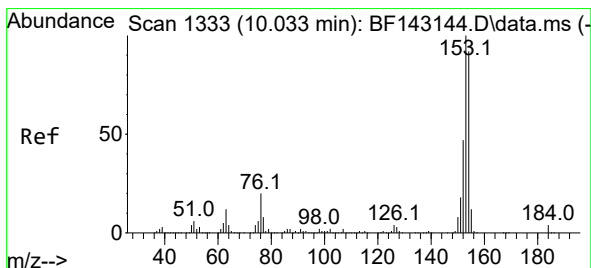
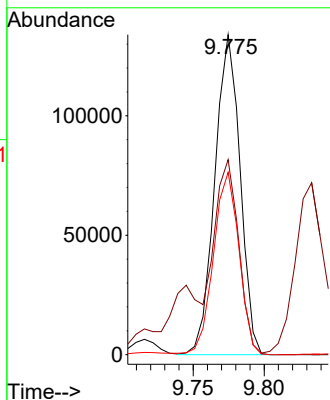
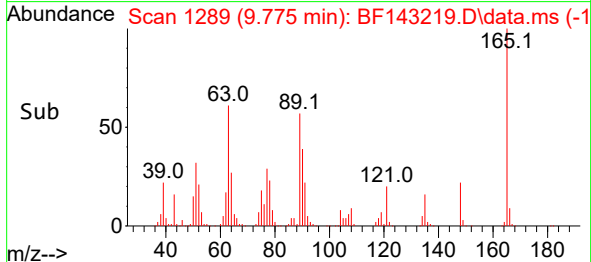
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:165 Resp: 16587
Ion Ratio Lower Upper
165 100
63 61.0 49.4 74.2
89 57.0 46.2 69.2

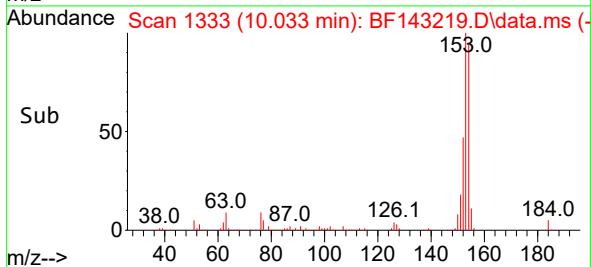
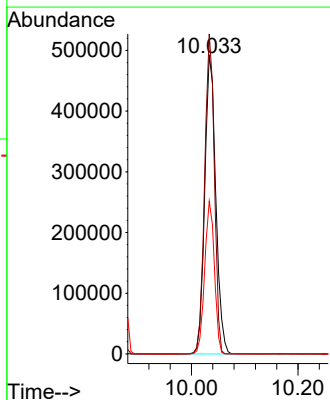
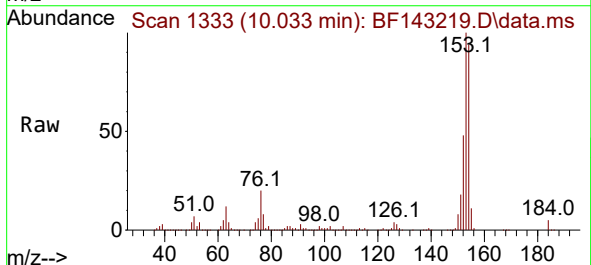
Manual Integrations
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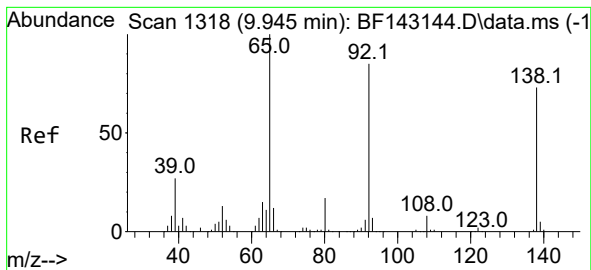
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#52
Acenaphthene
Concen: 47.878 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:154 Resp: 707499
Ion Ratio Lower Upper
154 100
153 106.9 86.6 129.8
152 51.1 40.4 60.6





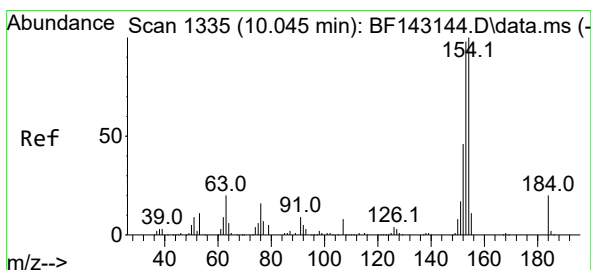
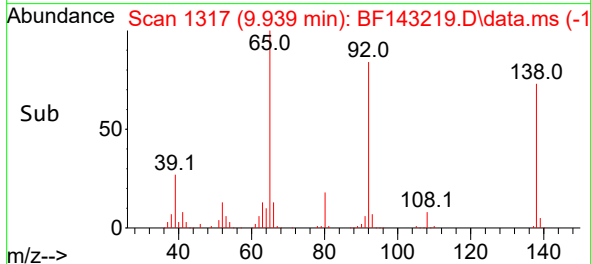
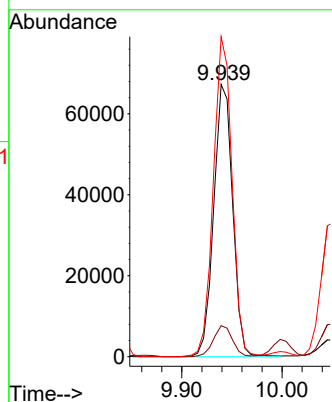
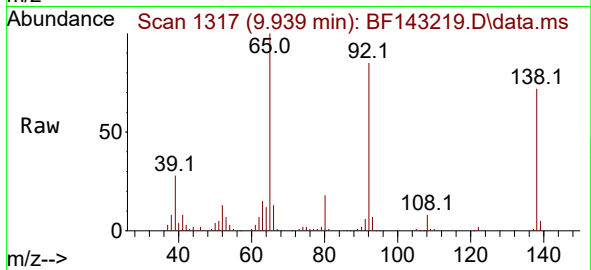
#53
3-Nitroaniline
Concen: 21.996 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Tgt Ion:138 Resp: 88160
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.6
92 117.5 93.0 139.4

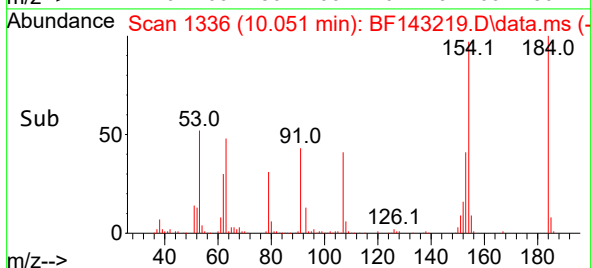
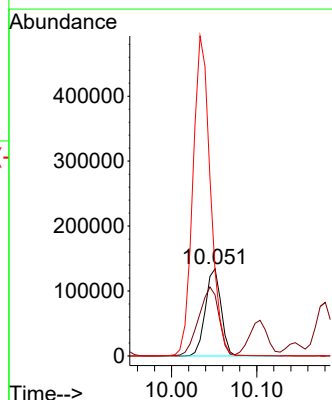
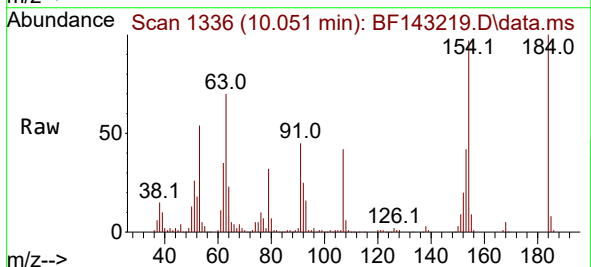
Manual Integrations
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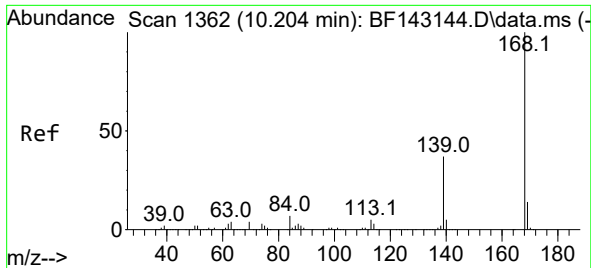
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#54
2,4-Dinitrophenol
Concen: 108.368 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

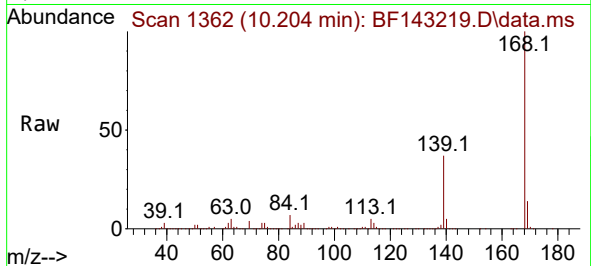
Tgt Ion:184 Resp: 172311
Ion Ratio Lower Upper
184 100
63 69.8 81.8 122.6#
154 96.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 42.753 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

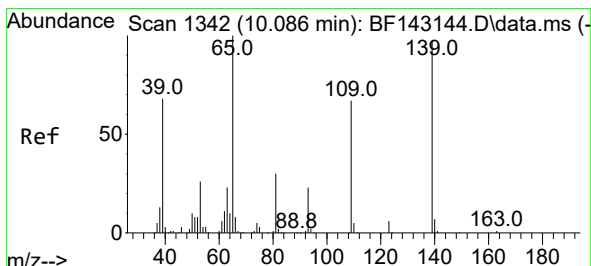
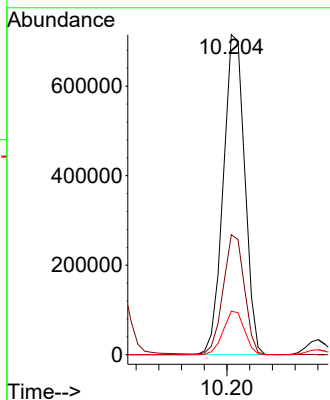
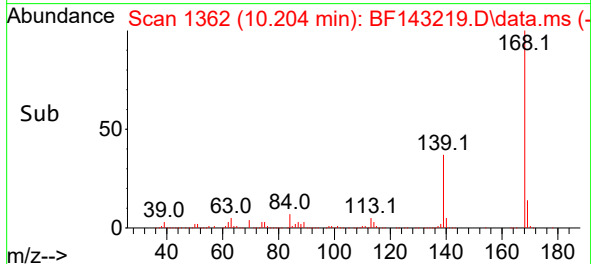
Instrument :
BNA_F
ClientSampleId :
WC-3MS



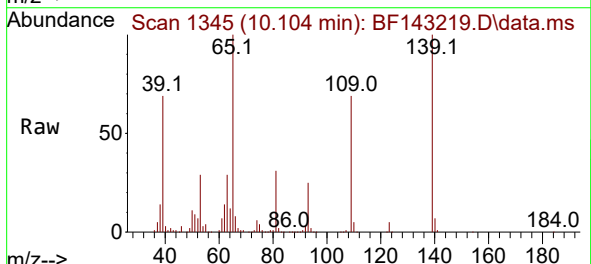
Tgt Ion:168 Resp: 93798
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3
169 13.6 10.9 16.3

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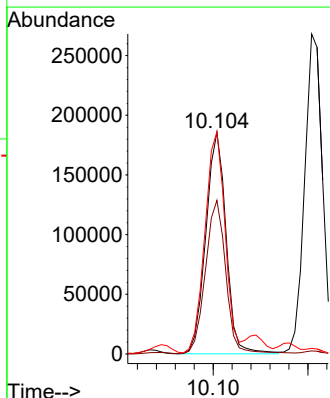
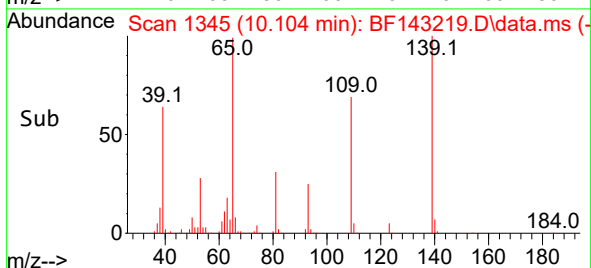
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

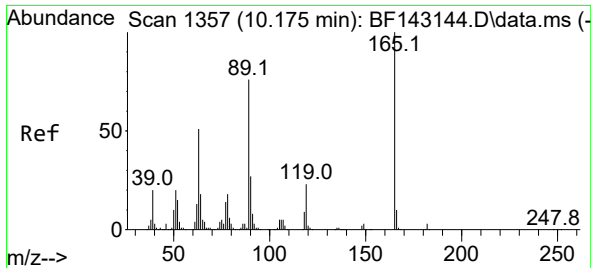


#56
4-Nitrophenol
Concen: 91.677 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



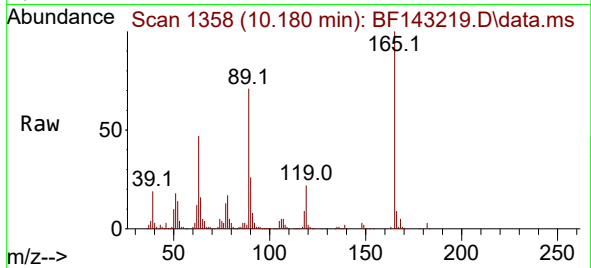
Tgt Ion:139 Resp: 274401
Ion Ratio Lower Upper
139 100
109 69.4 48.5 88.5
65 100.3 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.332 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

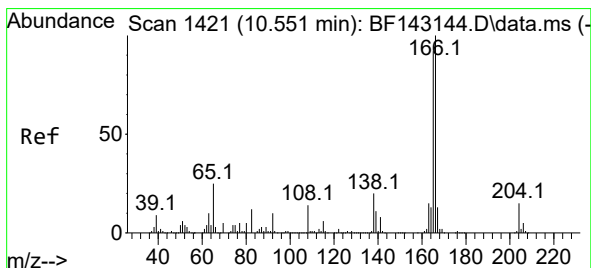
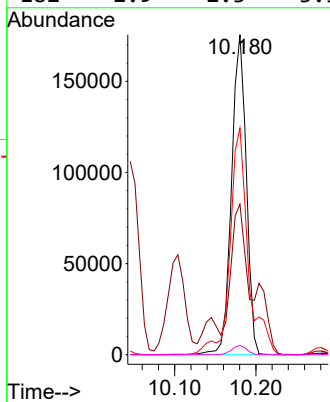
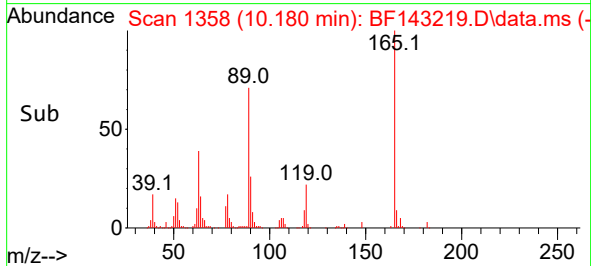
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:165 Resp: 220692
Ion Ratio Lower Upper
165 100
63 47.0 41.0 61.4
89 70.9 61.1 91.7
182 2.9 2.3 3.5

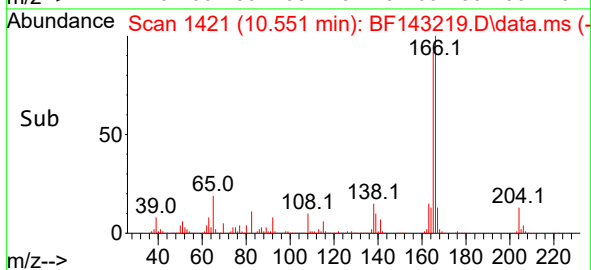
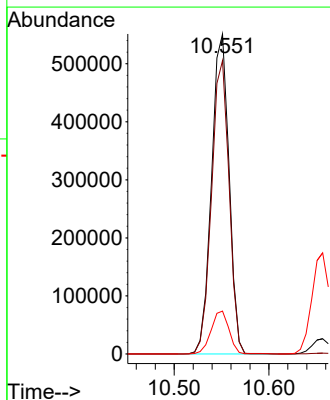
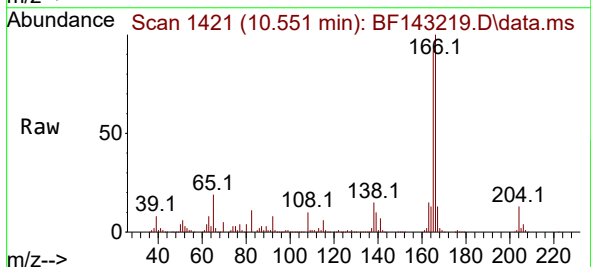
Manual Integrations
APPROVED

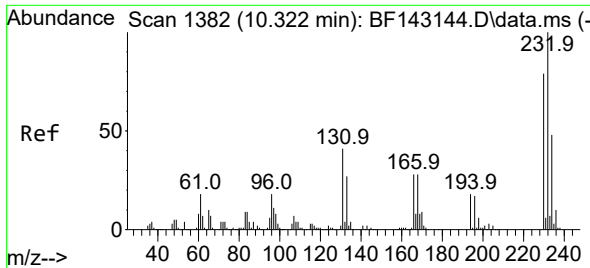
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#58
Fluorene
Concen: 42.852 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

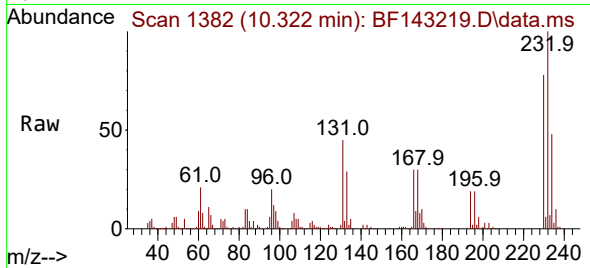
Tgt Ion:166 Resp: 705612
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.305 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

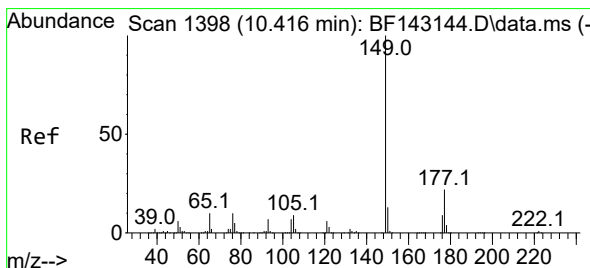
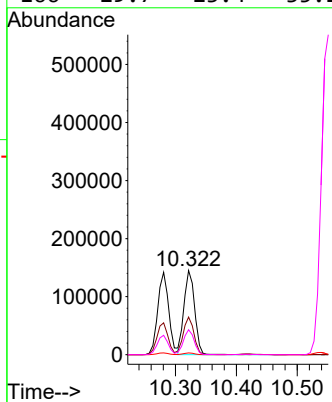
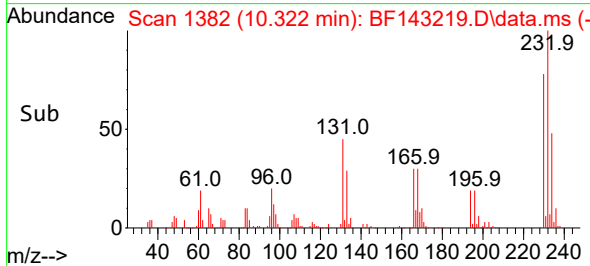
Instrument :
BNA_F
ClientSampleId :
WC-3MS



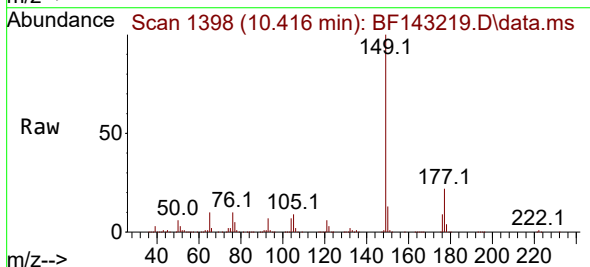
Tgt Ion:232 Resp: 176735
Ion Ratio Lower Upper
232 100
131 44.7 35.3 52.9
130 2.1 1.7 2.5
166 29.7 23.4 35.2

Manual Integrations
APPROVED

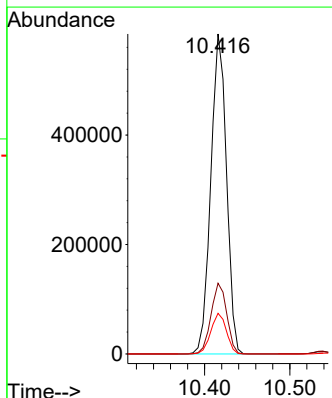
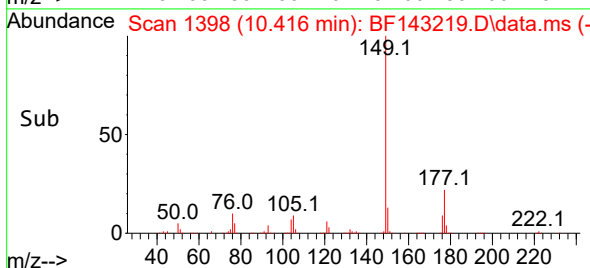
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

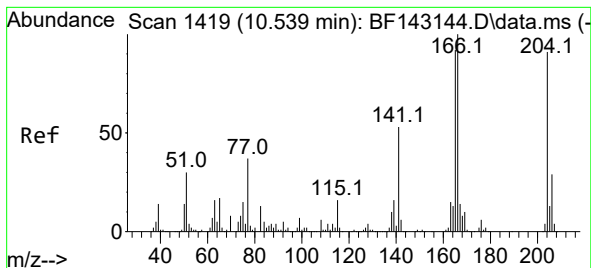


#60
Diethylphthalate
Concen: 44.863 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



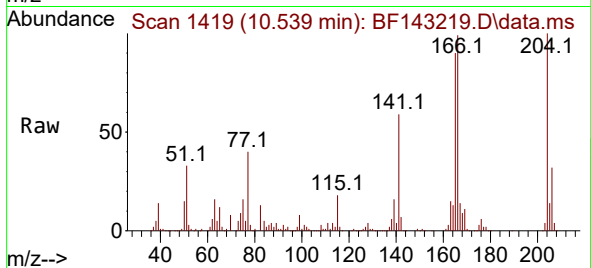
Tgt Ion:149 Resp: 746969
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

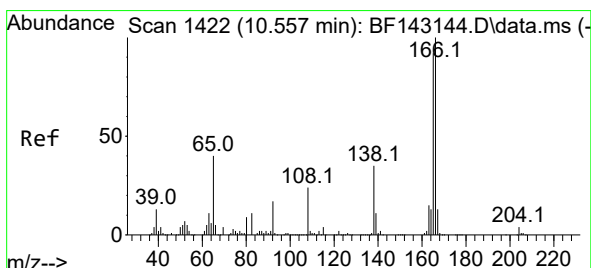
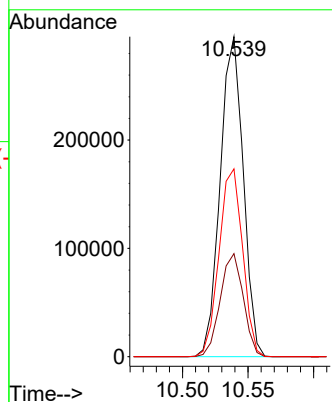
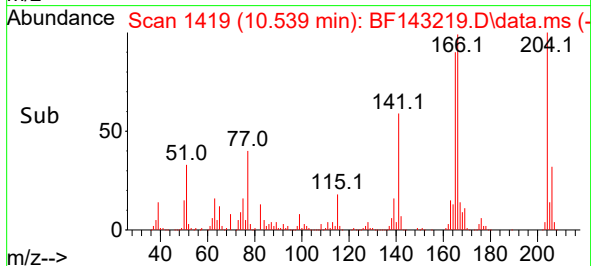
Instrument :
BNA_F
ClientSampleId :
WC-3MS



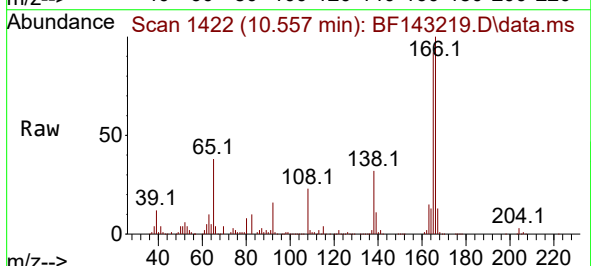
Tgt Ion:204 Resp: 36103
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 58.7 47.0 70.4

Manual Integrations
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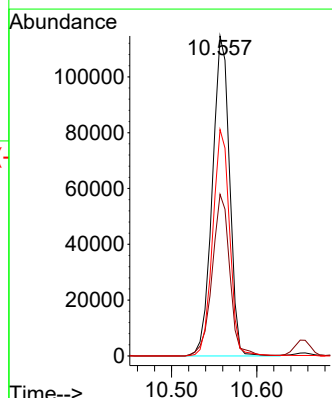
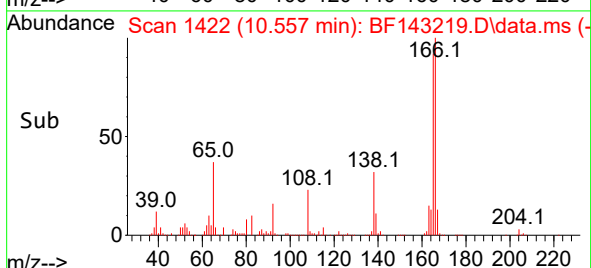
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

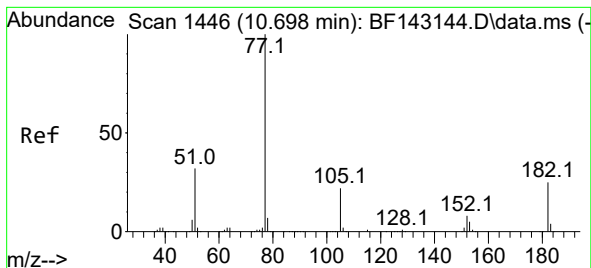


#62
4-Nitroaniline
Concen: 46.804 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



Tgt Ion:138 Resp: 160785
Ion Ratio Lower Upper
138 100
92 50.5 29.3 69.3
108 70.8 48.3 88.3





#63

Azobenzene

Concen: 48.495 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion: 77 Resp: 84153

Ion Ratio Lower Upper

77 100

182 26.6 4.6 44.6

105 26.1 1.4 41.4

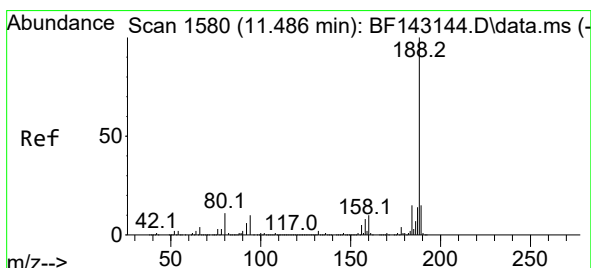
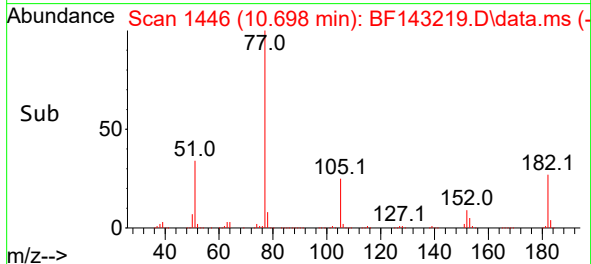
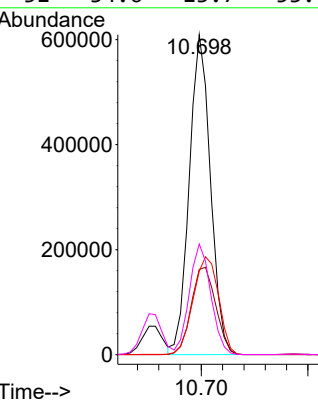
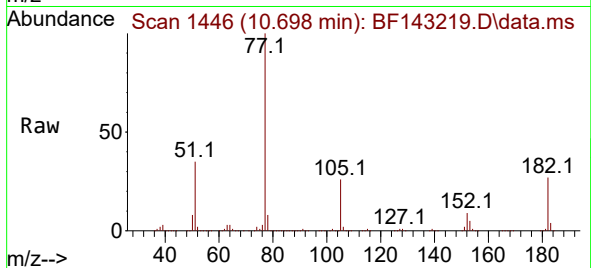
51 34.6 13.7 53.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

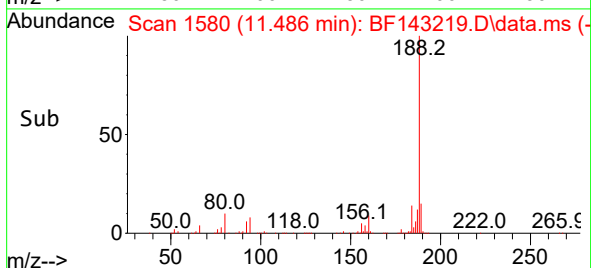
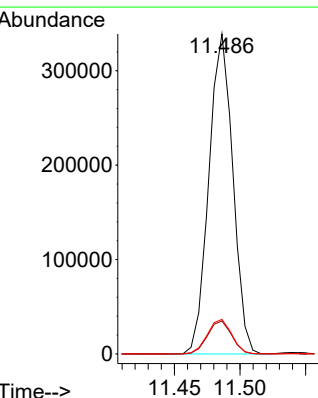
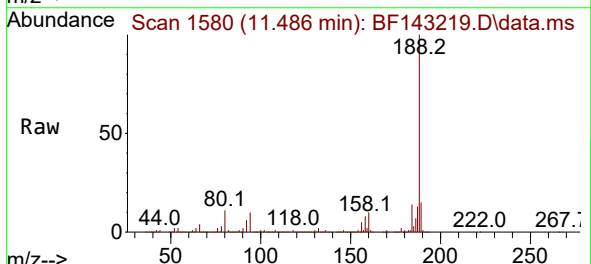
Tgt Ion:188 Resp: 430420

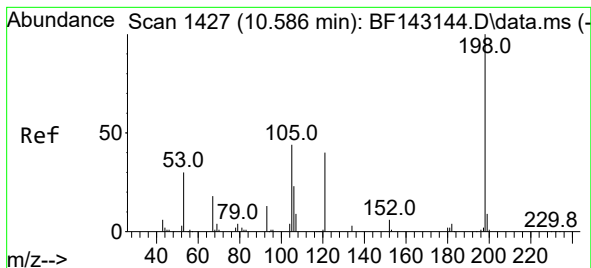
Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

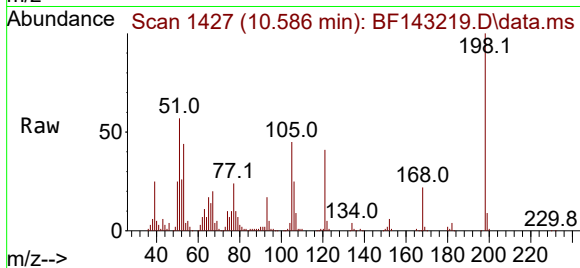
80 10.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.484 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

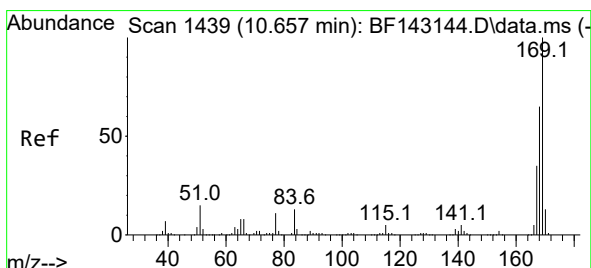
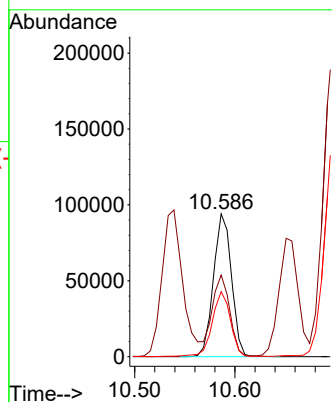
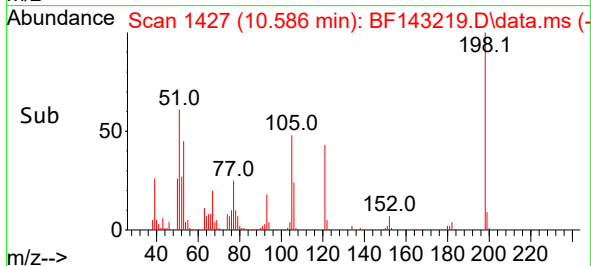
Instrument :
BNA_F
ClientSampleId :
WC-3MS



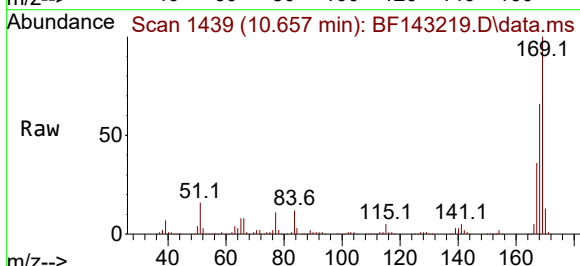
Tgt Ion:198 Resp: 117160
Ion Ratio Lower Upper
198 100
51 57.1 37.2 77.2
105 45.5 24.8 64.8

Manual Integrations
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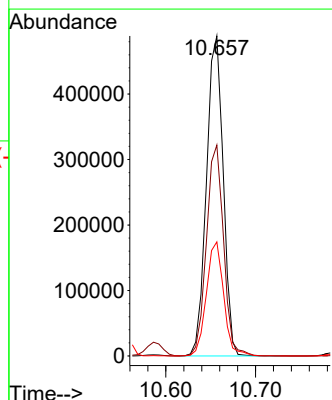
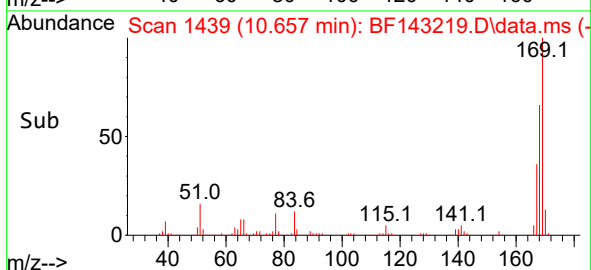
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

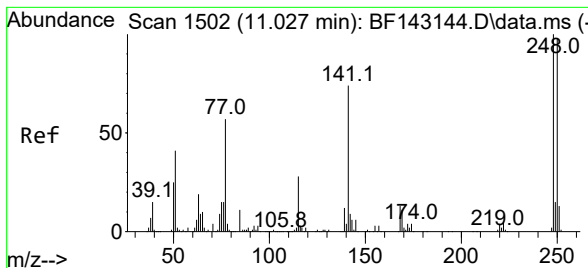


#66
n-Nitrosodiphenylamine
Concen: 41.754 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



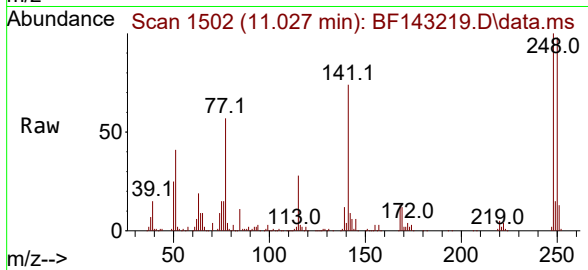
Tgt Ion:169 Resp: 632847
Ion Ratio Lower Upper
169 100
168 65.9 52.1 78.1
167 35.7 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 43.009 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

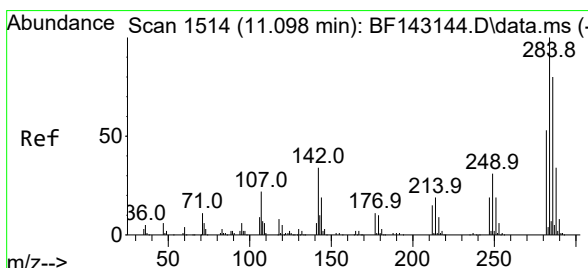
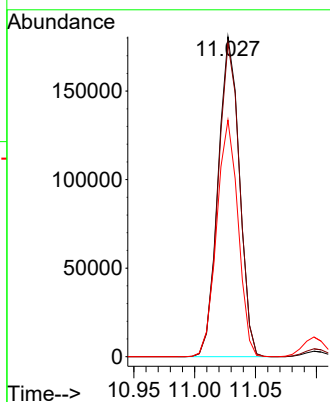
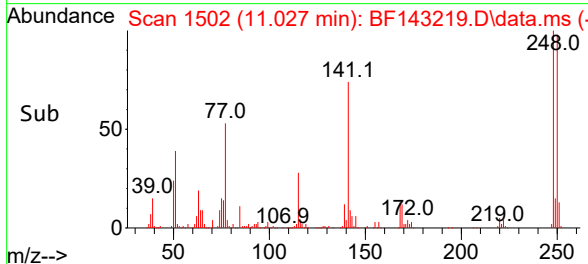
Instrument :
BNA_F
ClientSampleId :
WC-3MS



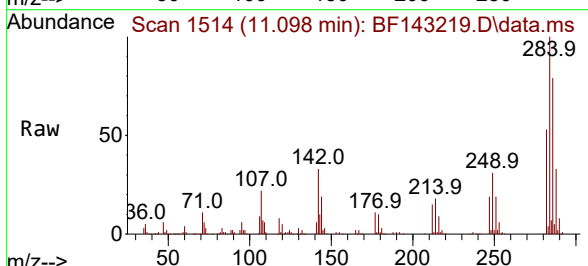
Tgt Ion:248 Resp: 220614
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 74.0 59.2 88.8

Manual Integrations
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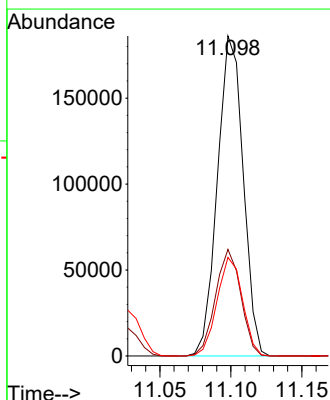
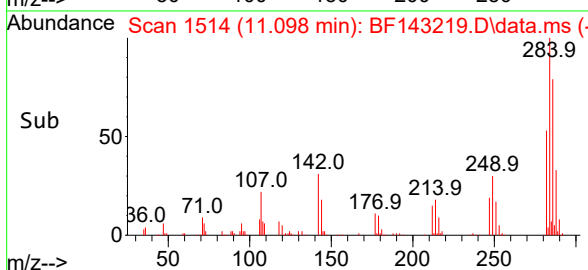
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

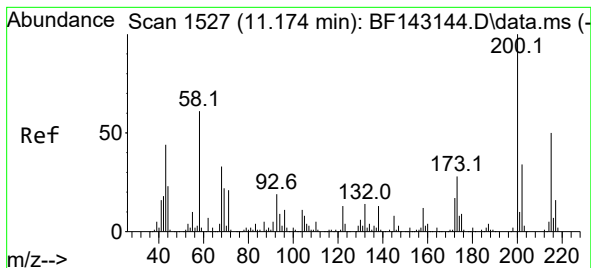


#68
Hexachlorobenzene
Concen: 43.678 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



Tgt Ion:284 Resp: 234176
Ion Ratio Lower Upper
284 100
142 33.3 27.0 40.6
249 30.8 25.0 37.6





#69

Atrazine

Concen: 47.399 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:200 Resp: 19805

Ion Ratio Lower Upper

200 100

173 27.6 7.9 47.9

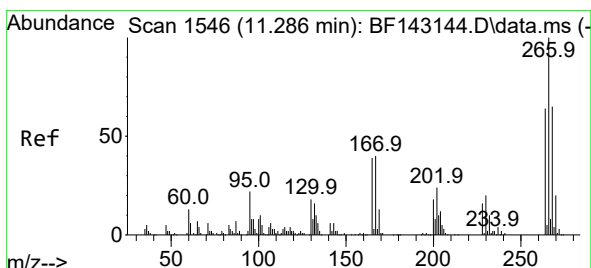
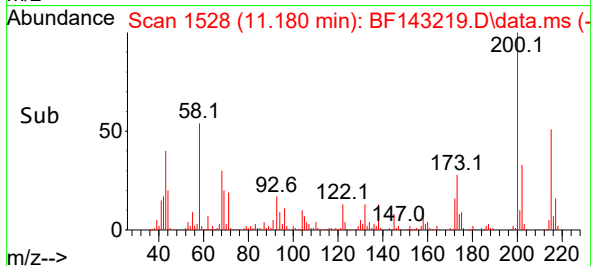
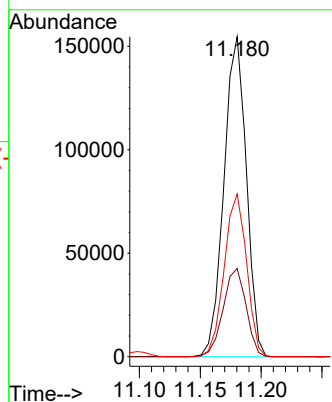
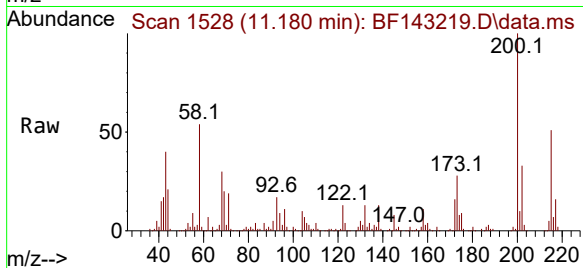
215 50.9 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#70

Pentachlorophenol

Concen: 64.730 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

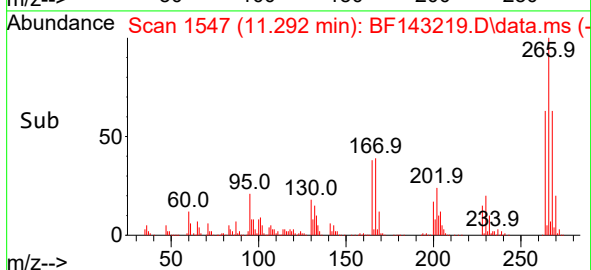
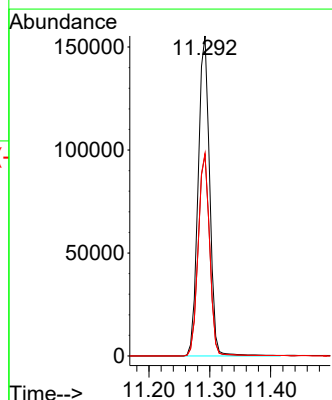
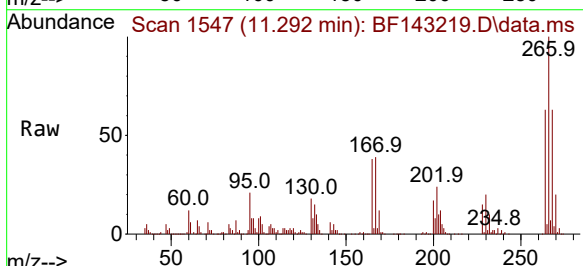
Tgt Ion:266 Resp: 204090

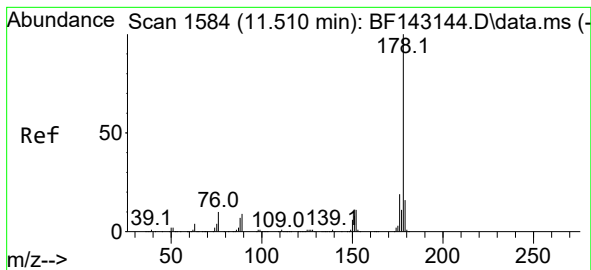
Ion Ratio Lower Upper

266 100

268 62.9 51.9 77.9

264 63.3 51.0 76.6





#71

Phenanthrene

Concen: 42.033 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:178 Resp: 96062

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

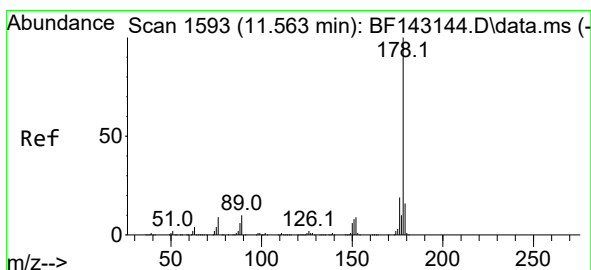
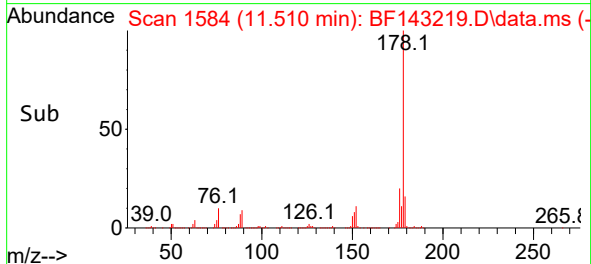
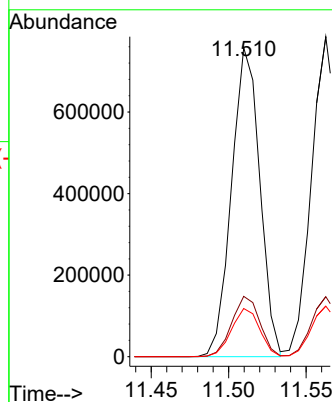
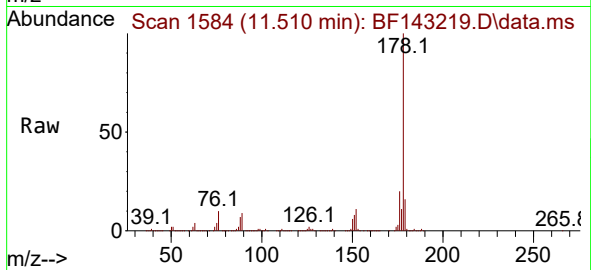
179 15.6 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#72

Anthracene

Concen: 41.993 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

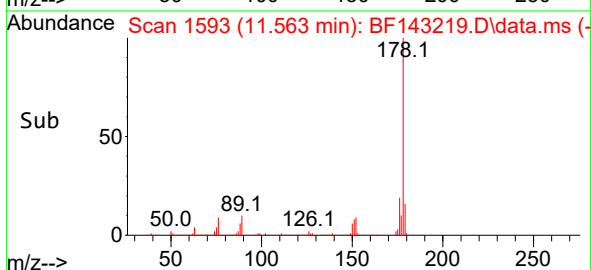
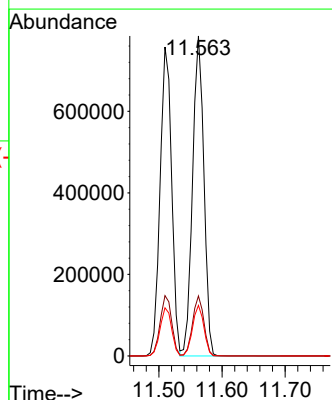
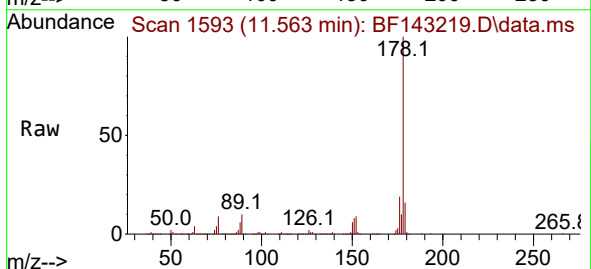
Tgt Ion:178 Resp: 978804

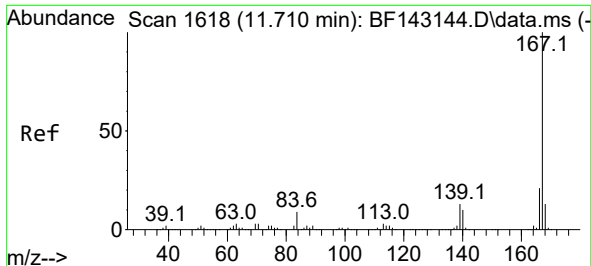
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

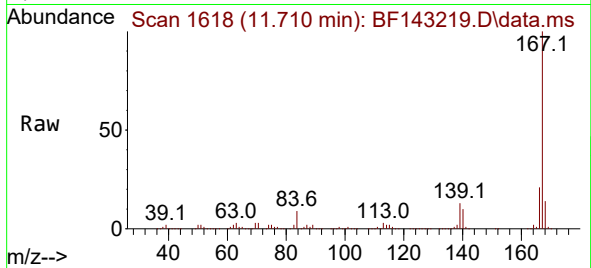
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 43.388 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143219.D
 Acq: 23 Jul 2025 18:56

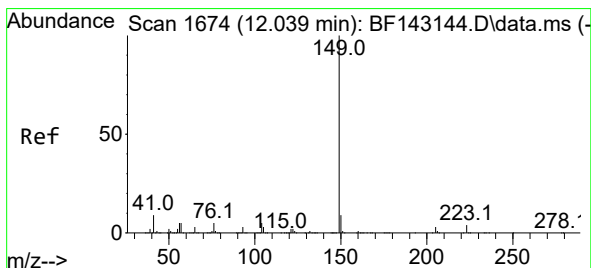
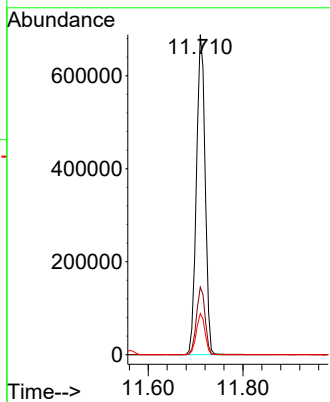
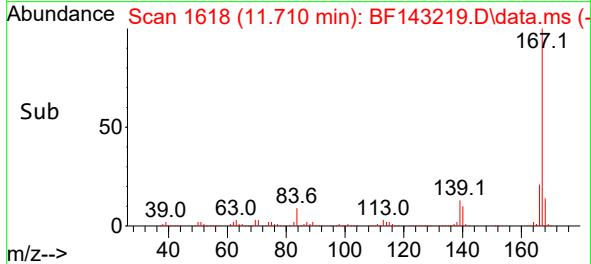
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS



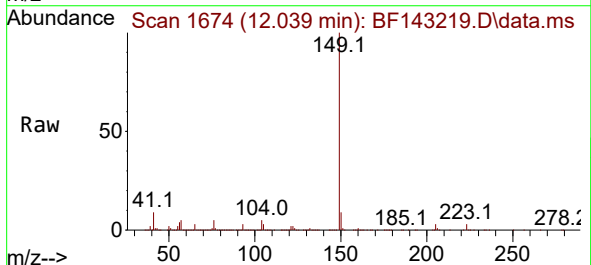
Tgt Ion:167 Resp: 883073
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.8 10.0 15.0

Manual Integrations
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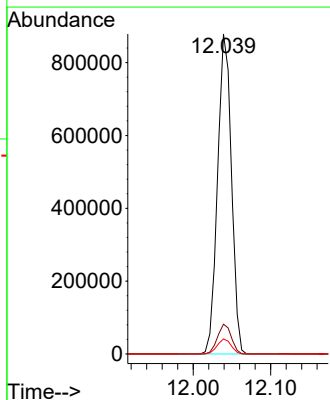
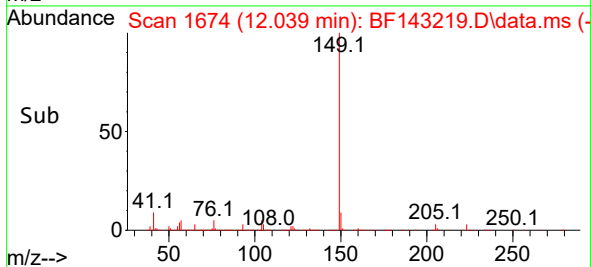
Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

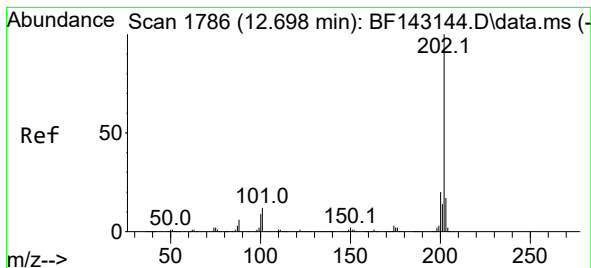


#74
 Di-n-butylphthalate
 Concen: 47.400 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: BF143219.D
 Acq: 23 Jul 2025 18:56



Tgt Ion:149 Resp: 1091594
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 45.158 ng

RT: 12.698 min Scan# 1786

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:202 Resp: 94728

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.7

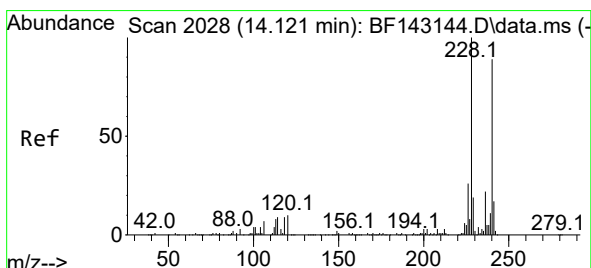
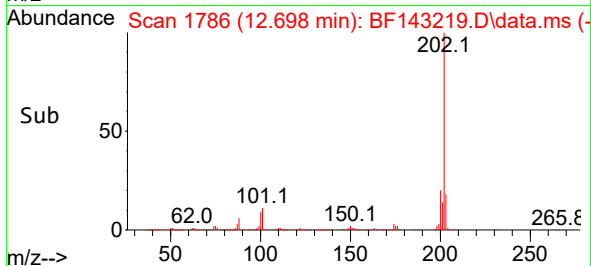
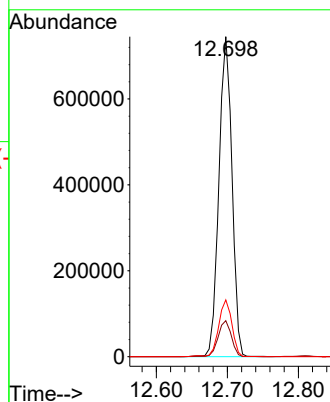
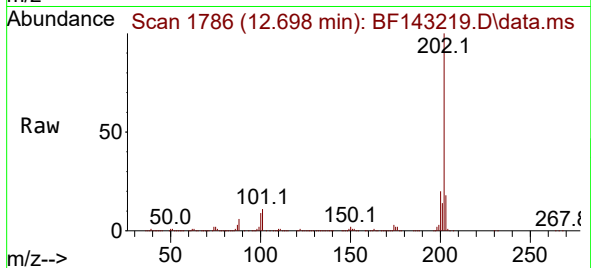
203 17.8 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

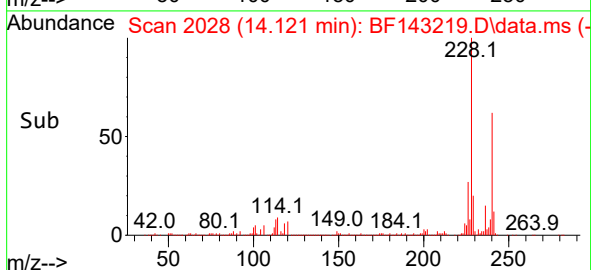
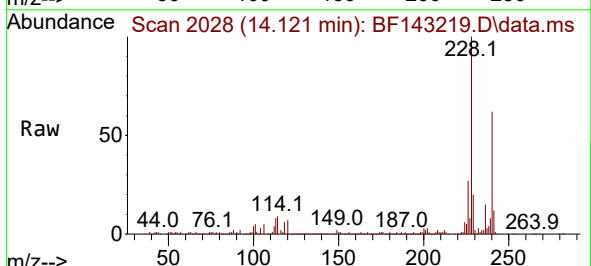
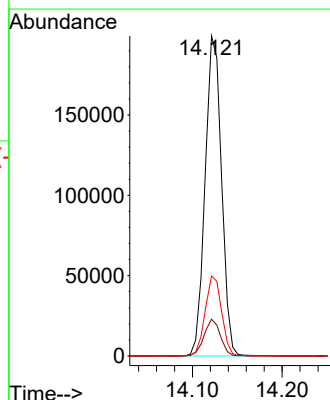
Tgt Ion:240 Resp: 253028

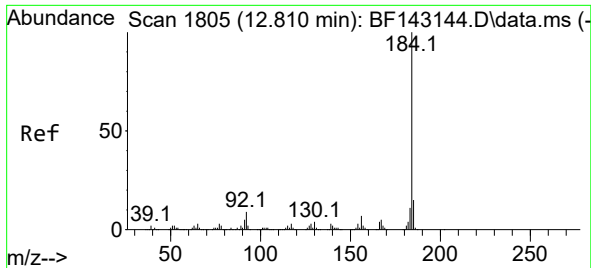
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

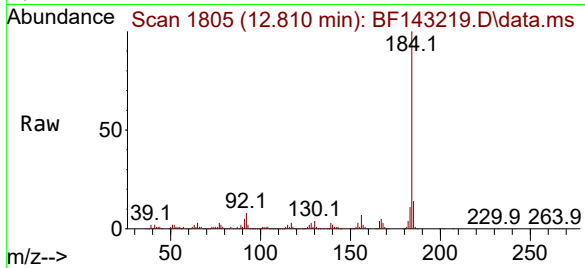
236 25.0 20.2 30.4





#77
Benzidine
Concen: 38.683 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

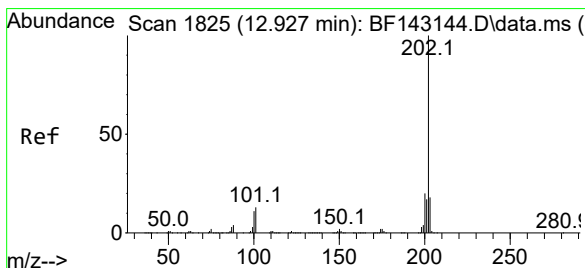
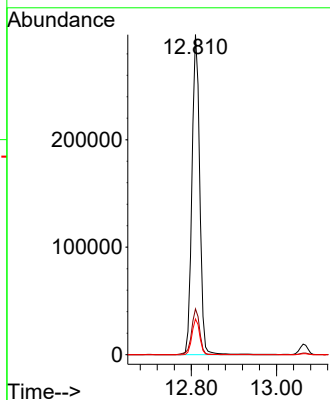
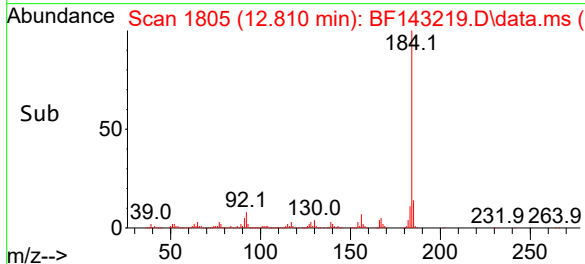
Instrument :
BNA_F
ClientSampleId :
WC-3MS



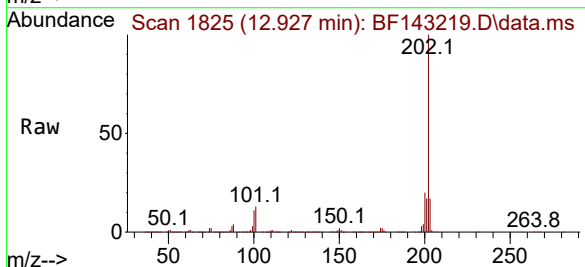
Tgt Ion:184 Resp: 377100
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.1 9.0 13.4

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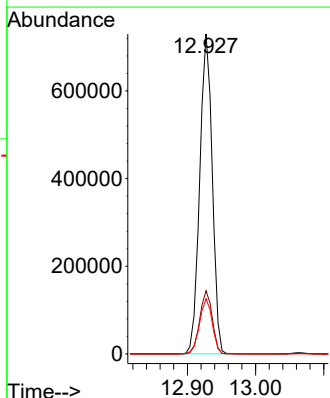
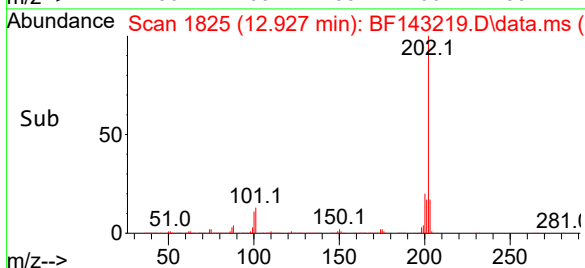
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

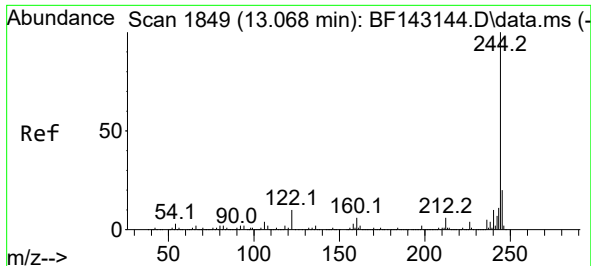


#78
Pyrene
Concen: 43.099 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56



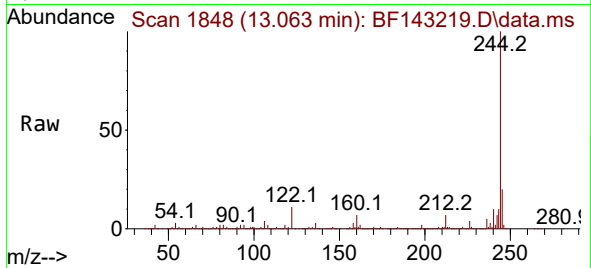
Tgt Ion:202 Resp: 930699
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 56.376 ng
 RT: 13.063 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF143219.D
 Acq: 23 Jul 2025 18:56

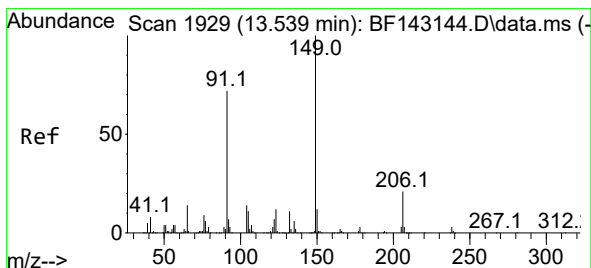
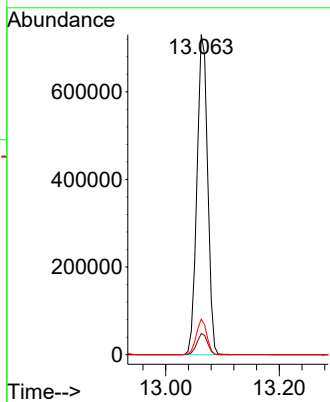
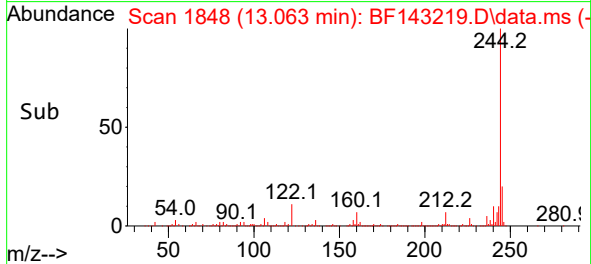
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS



Tgt Ion:244 Resp: 95858
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 11.1 8.2 12.2

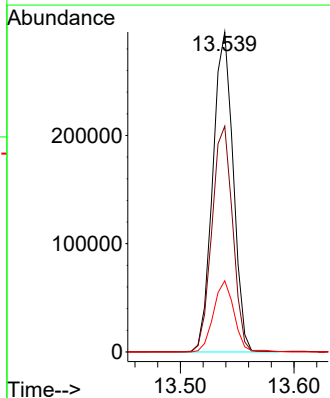
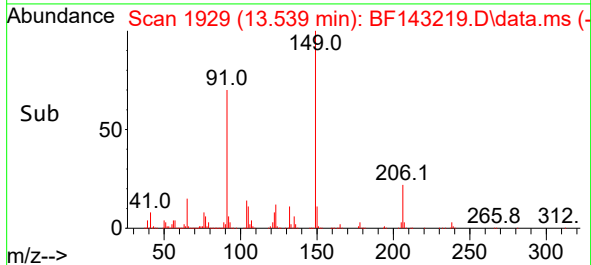
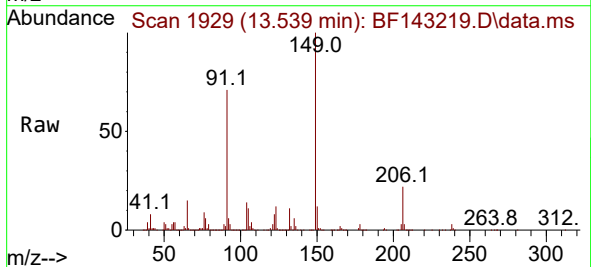
Manual Integrations
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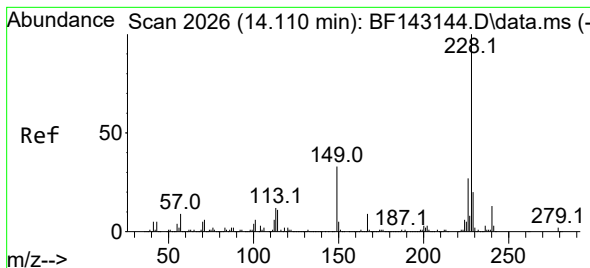
Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025



#80
 Butylbenzylphthalate
 Concen: 55.834 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143219.D
 Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 369204
 Ion Ratio Lower Upper
 149 100
 91 70.6 57.9 86.9
 206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 44.178 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:228 Resp: 748380

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

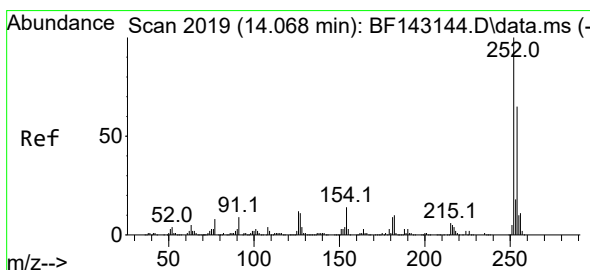
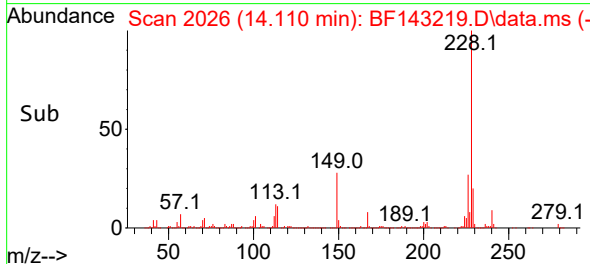
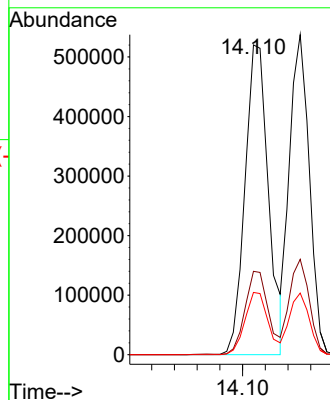
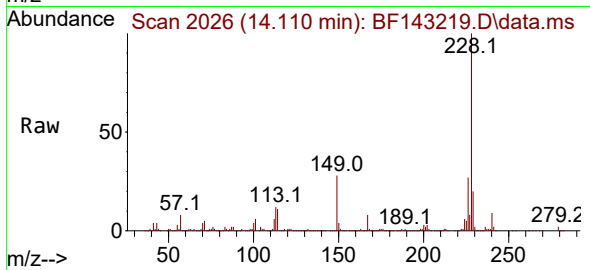
229 20.1 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 14.865 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

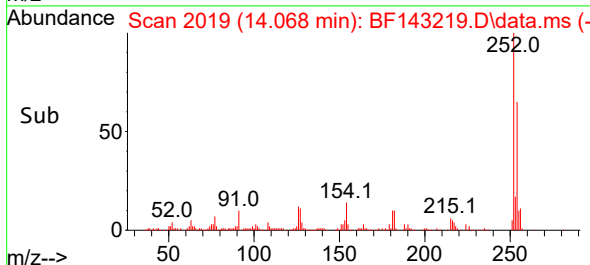
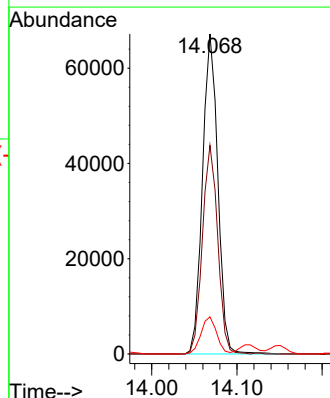
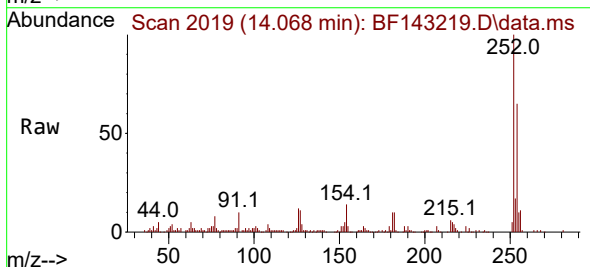
Tgt Ion:252 Resp: 83929

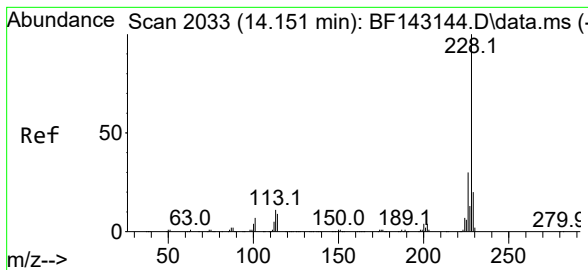
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 11.6 9.4 14.0





#83

Chrysene

Concen: 42.925 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:228 Resp: 65378

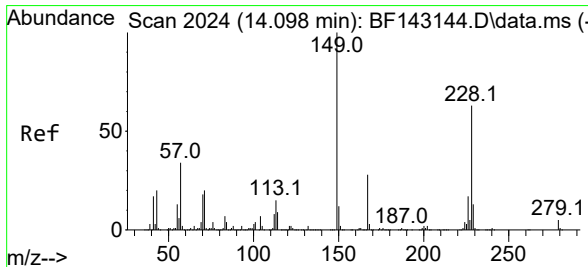
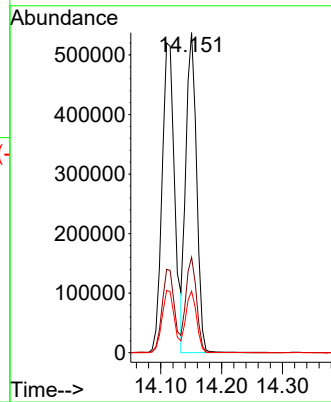
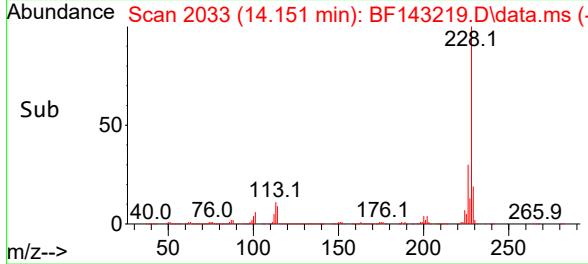
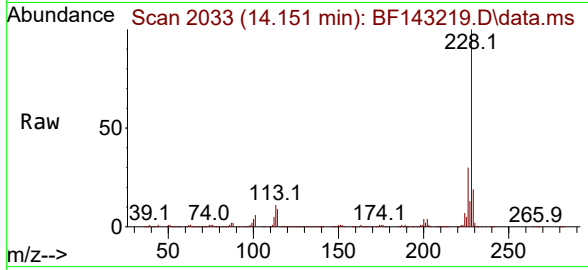
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.3	15.6	23.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.212 ng

RT: 14.098 min Scan# 2024

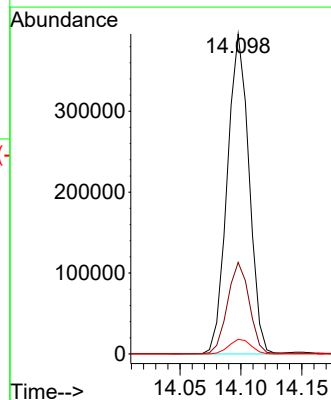
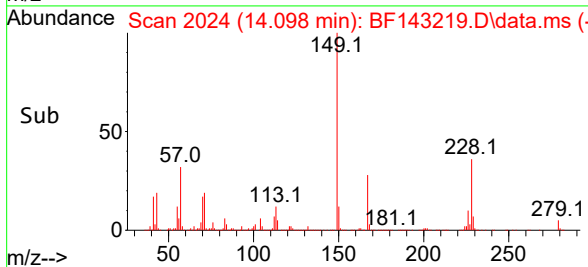
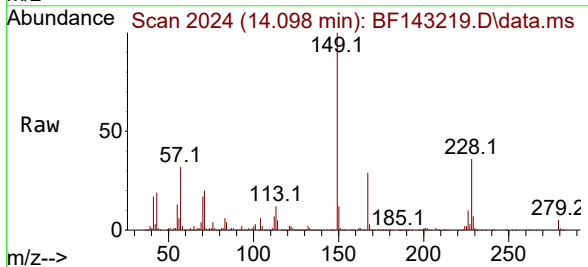
Delta R.T. -0.000 min

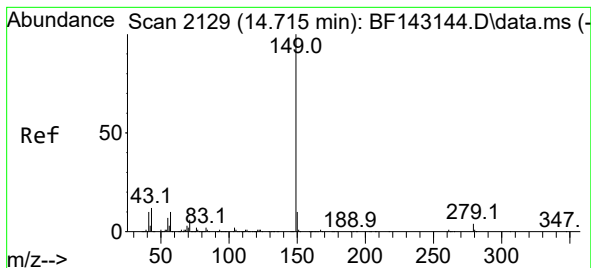
Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Tgt Ion:149 Resp: 492547

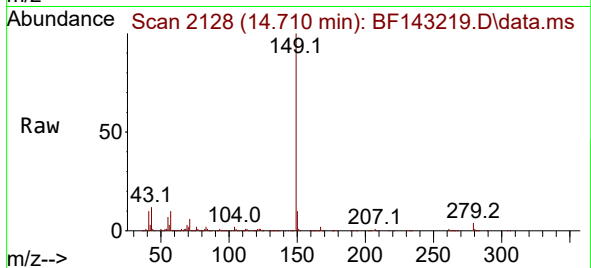
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 45.122 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

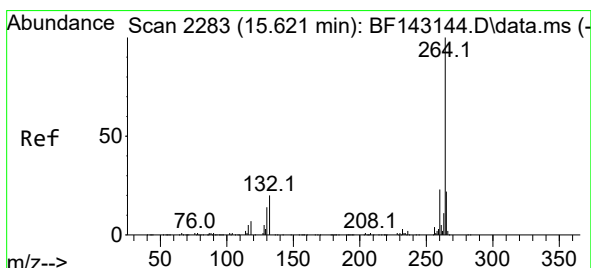
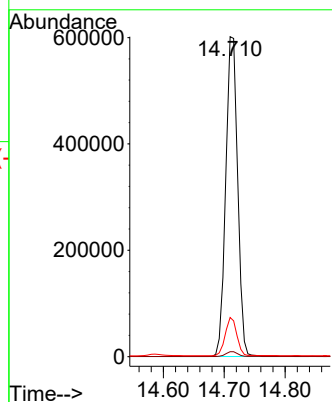
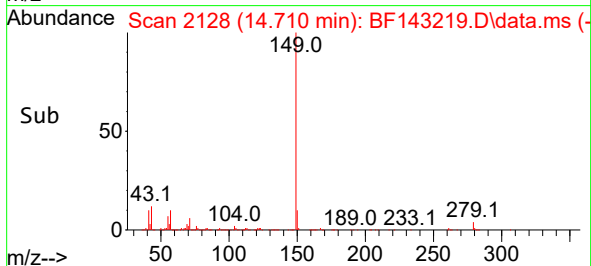
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:149 Resp: 818612
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.6 9.7 14.5

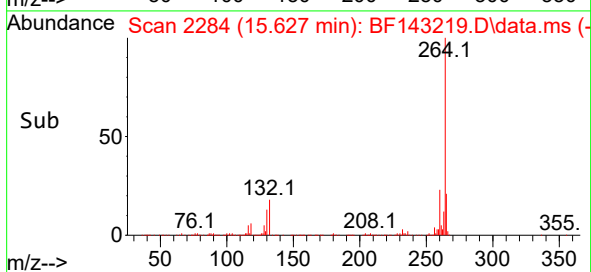
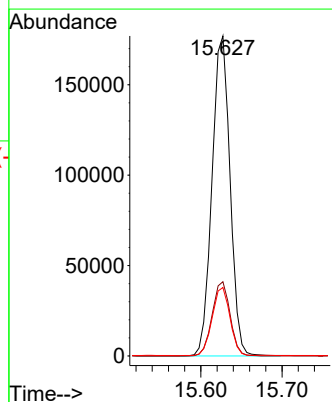
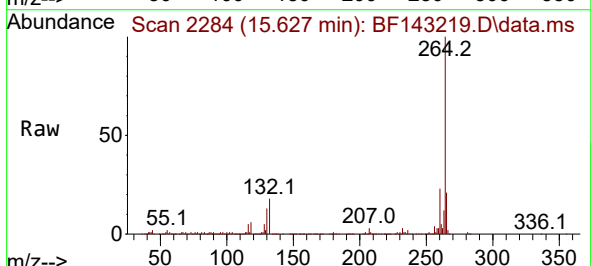
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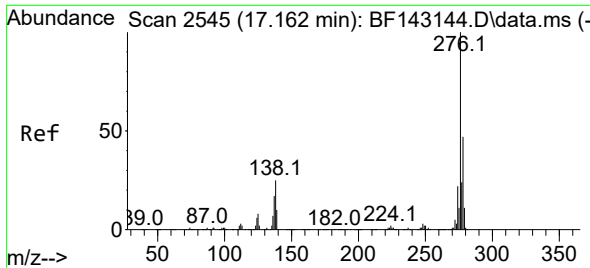
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

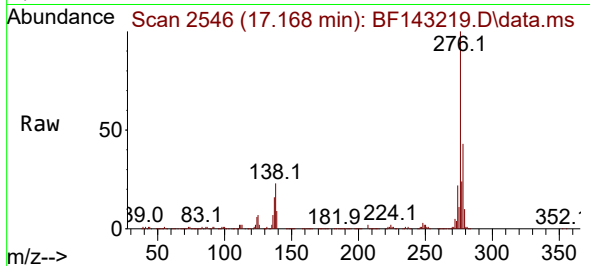
Tgt Ion:264 Resp: 273066
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.988 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

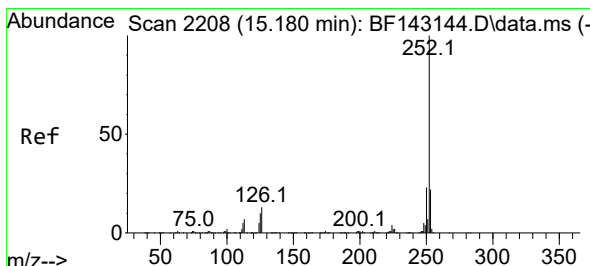
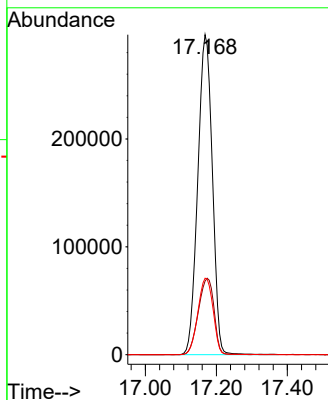
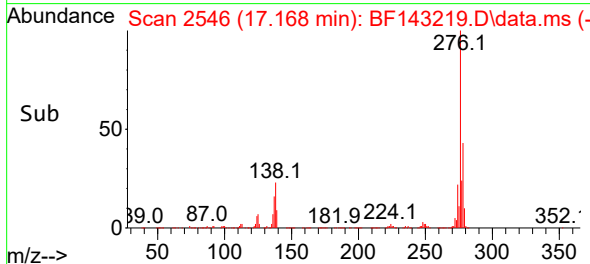
Instrument :
BNA_F
ClientSampleId :
WC-3MS



Tgt Ion:276 Resp: 846990
Ion Ratio Lower Upper
276 100
138 25.8 21.8 32.6
277 25.0 20.0 30.0

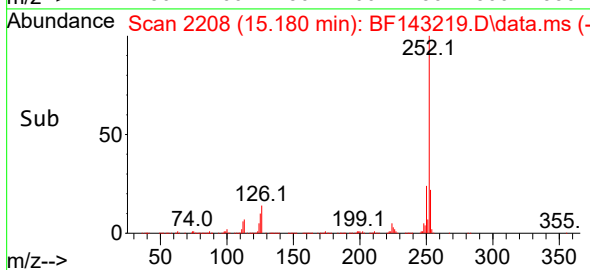
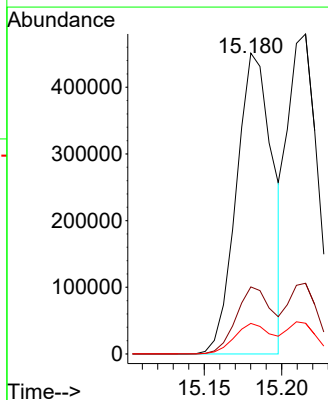
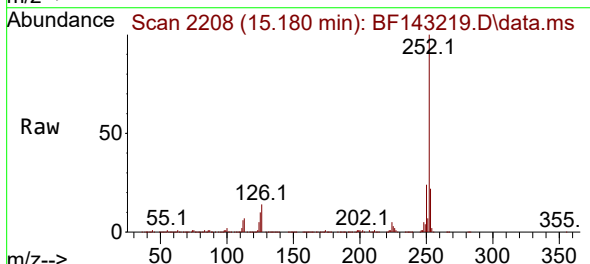
Manual Integrations
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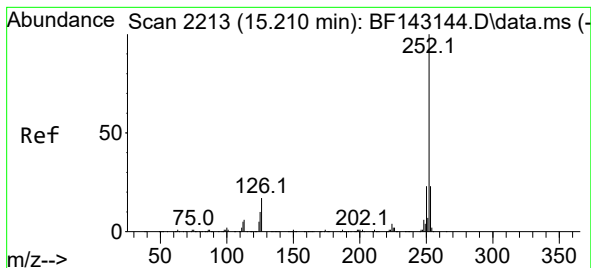
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#88
Benzo(b)fluoranthene
Concen: 44.011 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143219.D
Acq: 23 Jul 2025 18:56

Tgt Ion:252 Resp: 734192
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.286 ng

RT: 15.215 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:252 Resp: 644364

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

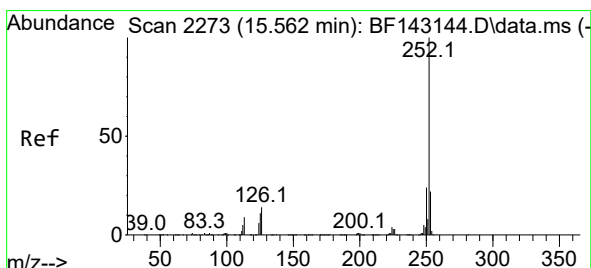
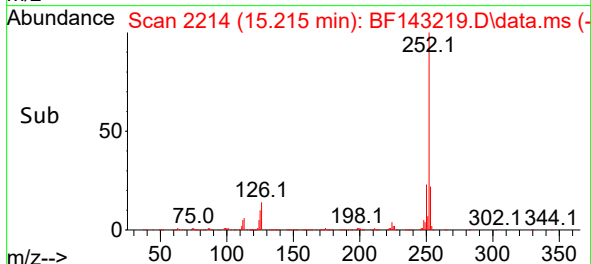
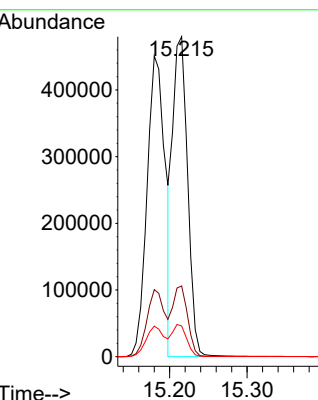
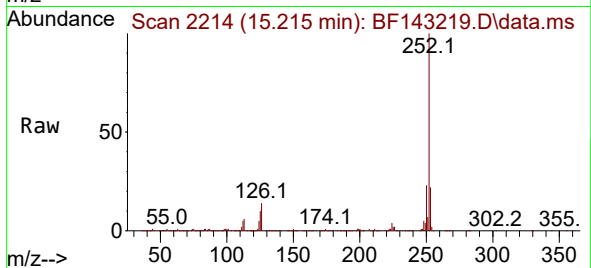
125 9.6 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#90

Benzo(a)pyrene

Concen: 44.376 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

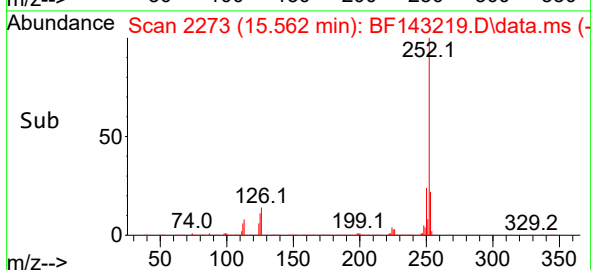
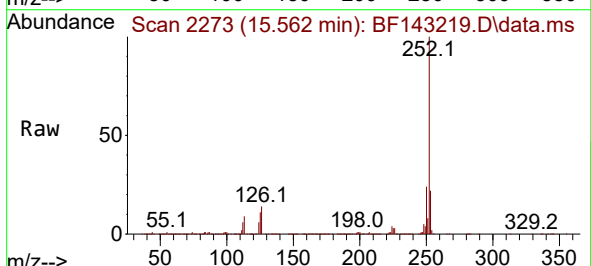
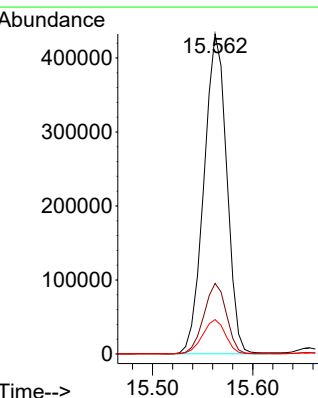
Tgt Ion:252 Resp: 682048

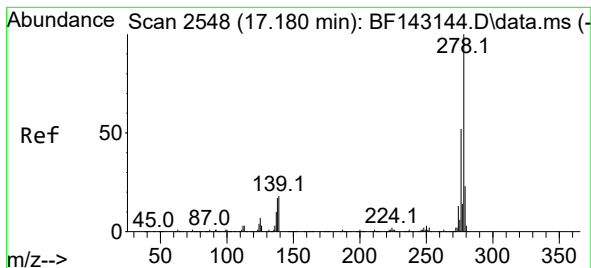
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.764 ng

RT: 17.186 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Instrument :

BNA_F

ClientSampleId :

WC-3MS

Tgt Ion:278 Resp: 68587

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

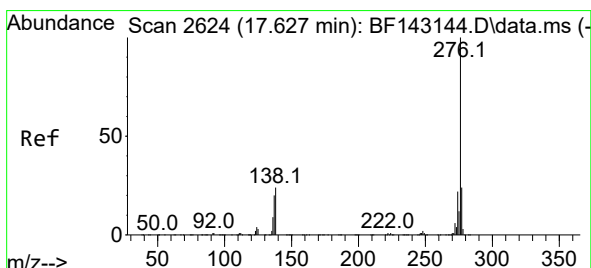
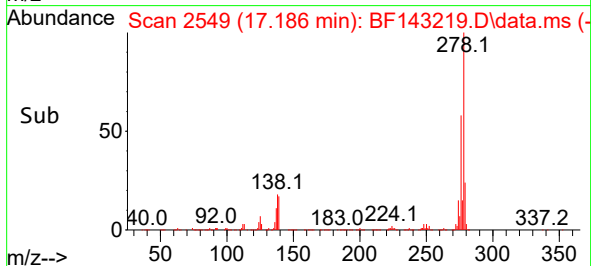
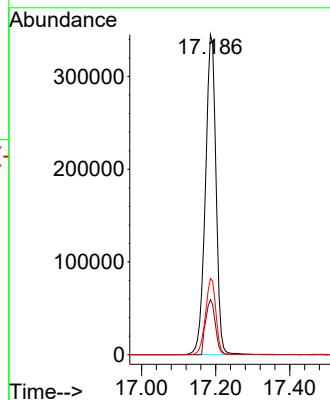
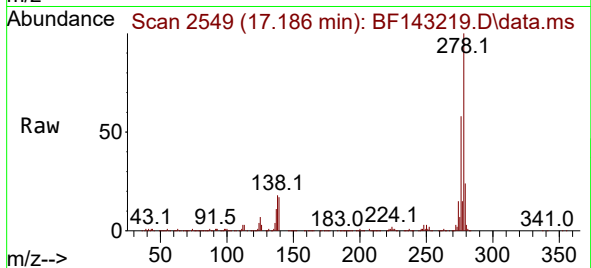
279 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#92

Benzo(g,h,i)perylene

Concen: 44.809 ng

RT: 17.639 min Scan# 2626

Delta R.T. 0.012 min

Lab File: BF143219.D

Acq: 23 Jul 2025 18:56

Tgt Ion:276 Resp: 679318

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 22.6 18.9 28.3

