

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143889.D
 Acq On : 08 Oct 2025 11:11
 Operator : RC/JU
 Sample : PB170004BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170004BS

Quant Time: Oct 08 11:40:22 2025
 Quant Title :
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	141175	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	549823	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	307355	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	538899	20.000	ng	0.00
76) Chrysene-d12	14.063	240	338098	20.000	ng	0.00
86) Perylene-d12	15.539	264	302351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1020530	114.793	ng	0.01
7) Phenol-d6	6.510	99	1222584	115.374	ng	0.00
23) Nitrobenzene-d5	7.445	82	776891	85.846	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	390923	127.698	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1474484	76.121	ng	0.00
79) Terphenyl-d14	13.004	244	1680066	84.927	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.752	88	155192	37.724	ng	Qvalue 99
3) Pyridine	3.499	79	440656	36.794	ng	99
4) n-Nitrosodimethylamine	3.452	42	286954	45.547	ng	98
6) Aniline	6.546	93	507765	31.977	ng	98
8) 2-Chlorophenol	6.663	128	383602	44.142	ng	99
9) Benzaldehyde	6.434	77	48486	5.931	ng	98
10) Phenol	6.522	94	555081	43.815	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	416146	42.524	ng	96
12) 1,3-Dichlorobenzene	6.822	146	444516	42.733	ng	98
13) 1,4-Dichlorobenzene	6.898	146	448513	43.711	ng	100
14) 1,2-Dichlorobenzene	7.051	146	435839	44.345	ng	99
15) Benzyl Alcohol	7.022	79	376716	47.447	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	985975	44.262	ng	99
17) 2-Methylphenol	7.128	107	318292	44.319	ng	98
18) Hexachloroethane	7.398	117	146850	42.914	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	313477	43.218	ng	99
20) 3+4-Methylphenols	7.287	107	368047	44.217	ng	# 80
22) Acetophenone	7.293	105	501473	43.135	ng	97
24) Nitrobenzene	7.463	77	452942	45.069	ng	99
25) Isophorone	7.704	82	840716	44.058	ng	98
26) 2-Nitrophenol	7.781	139	202996	47.113	ng	98
27) 2,4-Dimethylphenol	7.816	122	377114	48.655	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	531135	44.063	ng	99
29) 2,4-Dichlorophenol	8.022	162	356900	44.206	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	357767	45.058	ng	98
31) Naphthalene	8.187	128	1067450	42.679	ng	99
32) Benzoic acid	7.934	122	267006	49.776	ng	96
33) 4-Chloroaniline	8.234	127	265053	28.256	ng	98
34) Hexachlorobutadiene	8.304	225	234369	42.477	ng	96
35) Caprolactam	8.604	113	121099m	47.174	ng	
36) 4-Chloro-3-methylphenol	8.716	107	343576	44.303	ng	98
37) 2-Methylnaphthalene	8.881	142	648440	38.921	ng	97
38) 1-Methylnaphthalene	8.981	142	673009	41.646	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	354444	41.724	ng	97
41) Hexachlorocyclopentadiene	9.034	237	366147	103.896	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	274385	44.207	ng	96
44) 2,4,5-Trichlorophenol	9.198	196	292950	44.663	ng	97

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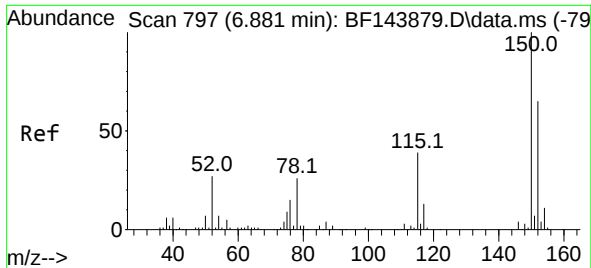
Manual Integrations
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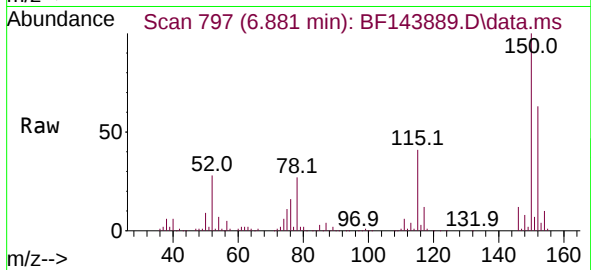
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	859233	42.224	ng	98
47) 2-Chloronaphthalene	9.369	162	717353	42.280	ng	98
48) 2-Nitroaniline	9.463	65	253724	47.300	ng	98
49) Acenaphthylene	9.786	152	1121285	47.009	ng	100
50) Dimethylphthalate	9.645	163	864022	44.267	ng	100
51) 2,6-Dinitrotoluene	9.710	165	183491	50.698	ng	96
52) Acenaphthene	9.957	154	715891	45.803	ng	97
53) 3-Nitroaniline	9.875	138	159471	35.985	ng	97
54) 2,4-Dinitrophenol	9.986	184	196031	87.130	ng	93
55) Dibenzofuran	10.134	168	938881	42.554	ng	99
56) 4-Nitrophenol	10.034	139	308628	91.977	ng	92
57) 2,4-Dinitrotoluene	10.110	165	247786	50.317	ng	96
58) Fluorene	10.475	166	710881	42.701	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	220467	47.483	ng #	100
60) Diethylphthalate	10.351	149	809155	44.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	367250	41.725	ng	99
62) 4-Nitroaniline	10.498	138	202389	47.491	ng	96
63) Azobenzene	10.628	77	853607	45.042	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	135938	50.197	ng	99
66) n-Nitrosodiphenylamine	10.586	169	733623	43.356	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	253577	42.577	ng	99
68) Hexachlorobenzene	11.022	284	296351	42.981	ng	99
69) Atrazine	11.116	200	222503	43.385	ng	99
70) Pentachlorophenol	11.216	266	350758	88.576	ng	98
71) Phenanthrene	11.439	178	1131728	43.318	ng	99
72) Anthracene	11.492	178	1115824	42.276	ng	100
73) Carbazole	11.645	167	1041769	44.566	ng	99
74) Di-n-butylphthalate	11.975	149	1253498	46.268	ng	100
75) Fluoranthene	12.633	202	1198802	44.423	ng	99
77) Benzidine	12.751	184	285009	24.278	ng	98
78) Pyrene	12.863	202	1216634	43.163	ng	100
80) Butylbenzylphthalate	13.480	149	451351	49.306	ng	98
81) Benzo(a)anthracene	14.051	228	955235	43.174	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	255006	37.820	ng	98
83) Chrysene	14.092	228	939834	45.896	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	543866	49.286	ng	100
85) Di-n-octyl phthalate	14.657	149	861193	47.516	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	856949	46.256	ng	98
88) Benzo(b)fluoranthene	15.110	252	835470	48.104	ng	98
89) Benzo(k)fluoranthene	15.139	252	806667	50.194	ng	98
90) Benzo(a)pyrene	15.480	252	758672	50.377	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	721923	48.451	ng	99
92) Benzo(g,h,i)perylene	17.498	276	733897	49.254	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

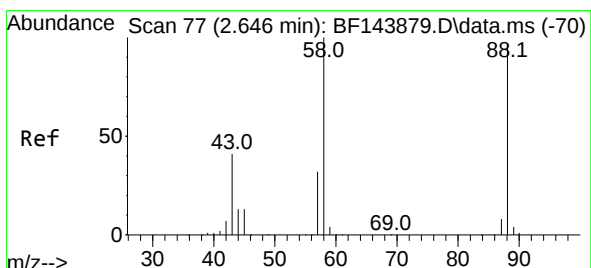
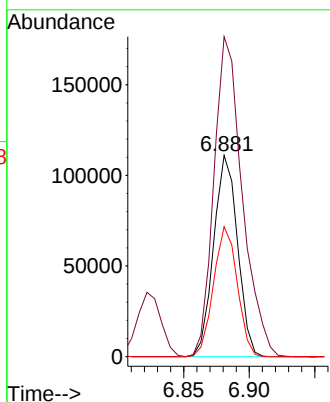
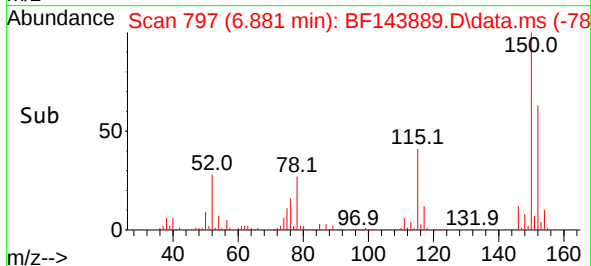
Instrument :
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ClientSampleId :
PB170004BS



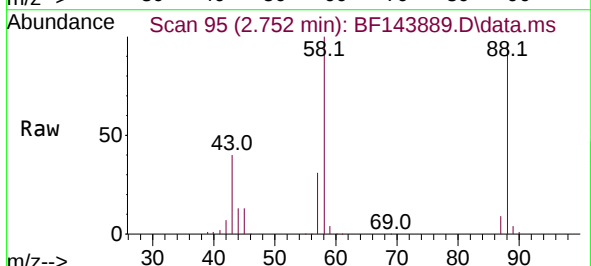
Tgt Ion:152 Resp: 141175
Ion Ratio Lower Upper
152 100
150 159.0 124.4 186.6
115 64.5 48.1 72.1

Manual Integrations
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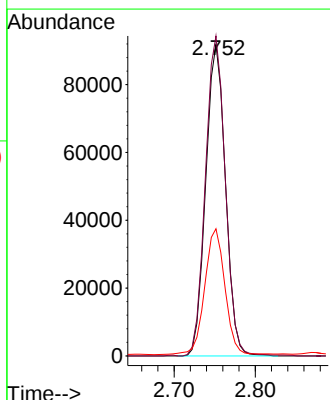
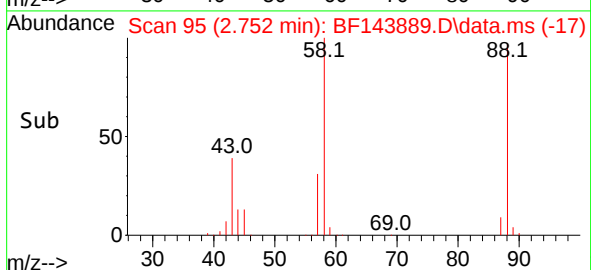
Reviewed By :Rahul Chavli 10/09/2025
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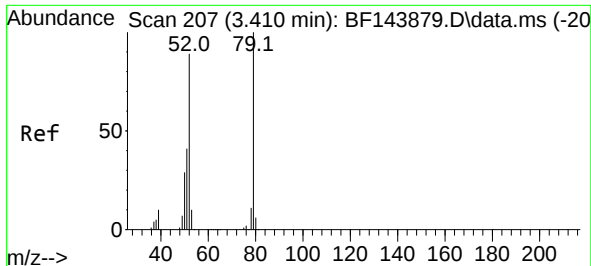


#2
1,4-Dioxane
Concen: 37.724 ng
RT: 2.752 min Scan# 95
Delta R.T. 0.106 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



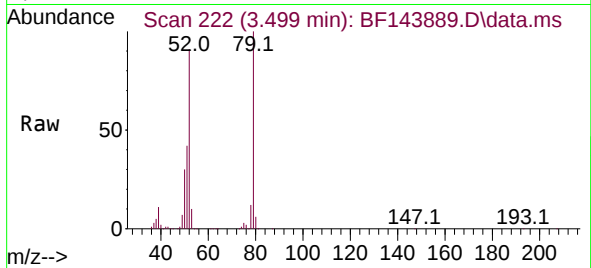
Tgt Ion: 88 Resp: 155192
Ion Ratio Lower Upper
88 100
58 103.8 83.0 124.6
43 41.3 33.9 50.9





#3
Pyridine
Concen: 36.794 ng
RT: 3.499 min Scan# 214
Delta R.T. 0.083 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

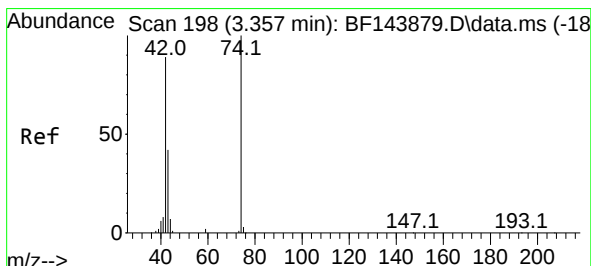
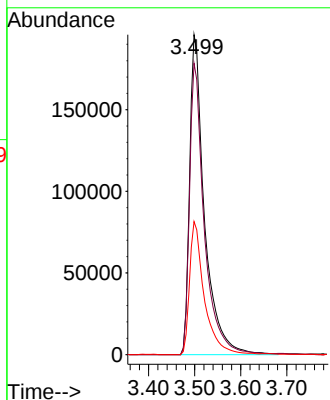
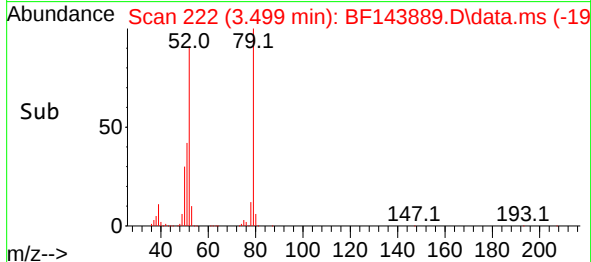
Instrument :
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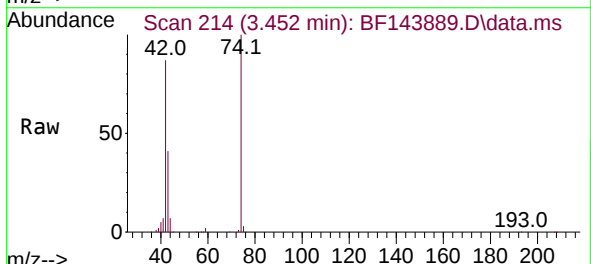
Tgt Ion: 79 Resp: 440656
Ion Ratio Lower Upper
79 100
52 91.0 71.5 107.3
51 41.6 32.9 49.3

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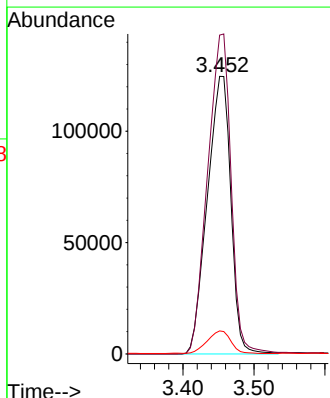
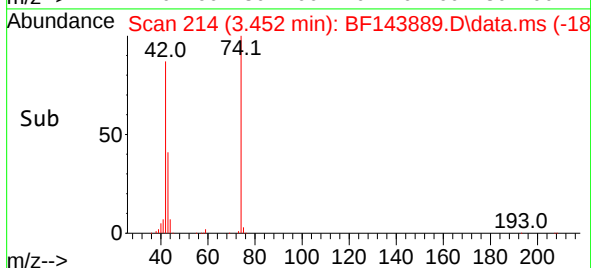
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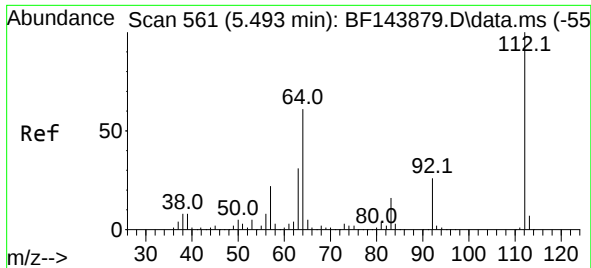


#4
n-Nitrosodimethylamine
Concen: 45.547 ng
RT: 3.452 min Scan# 214
Delta R.T. 0.065 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion: 42 Resp: 286954
Ion Ratio Lower Upper
42 100
74 114.9 90.0 135.0
44 8.3 6.2 9.2





#5
2-Fluorophenol
Concen: 114.793 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS

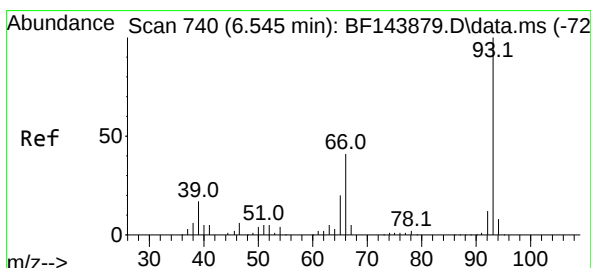
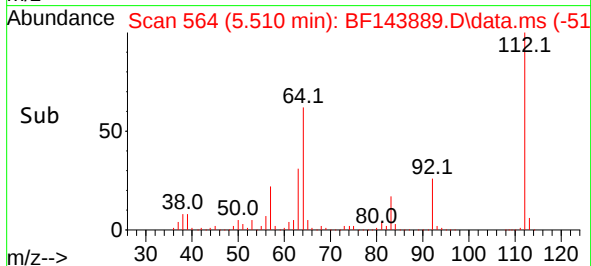
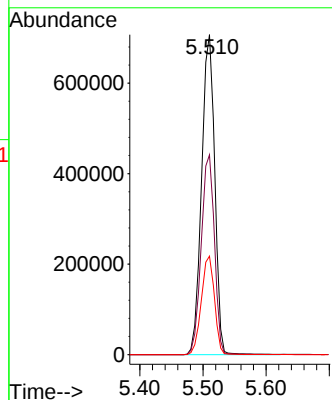
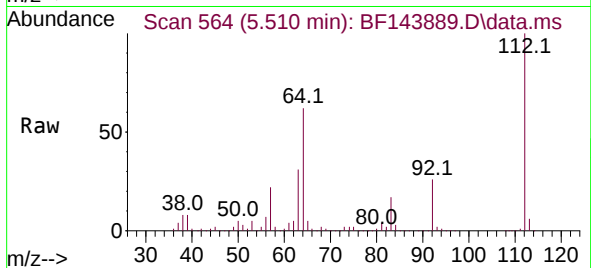
Tgt Ion:112 Resp: 1020530
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 30.8 24.5 36.7

Manual Integrations

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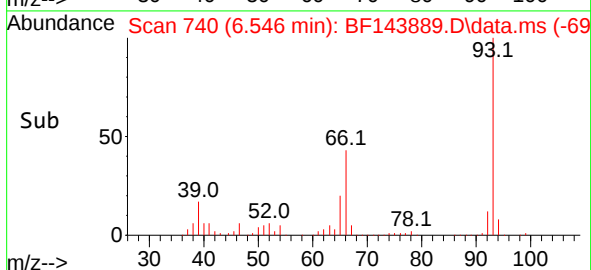
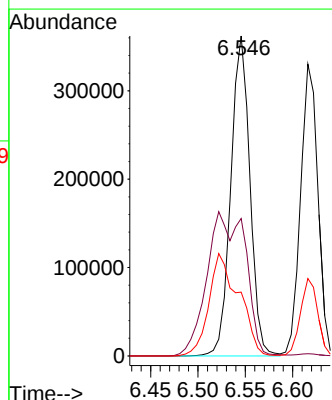
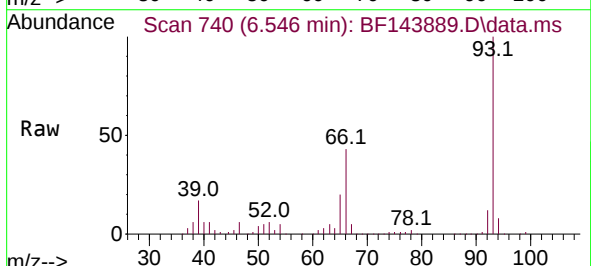
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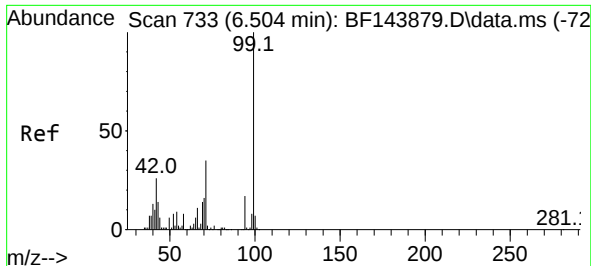
Supervised By :Jagrut Upadhyay 10/09/2025



#6
Aniline
Concen: 31.977 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

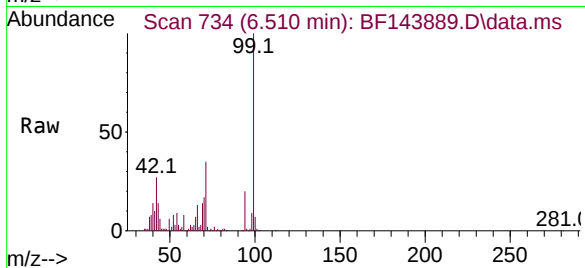
Tgt Ion: 93 Resp: 507765
Ion Ratio Lower Upper
93 100
66 42.9 33.0 49.6
65 19.9 15.8 23.8





#7
Phenol-d6
Concen: 115.374 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

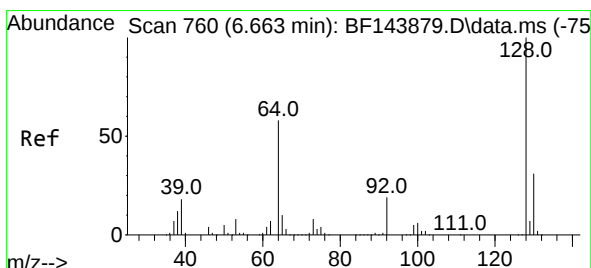
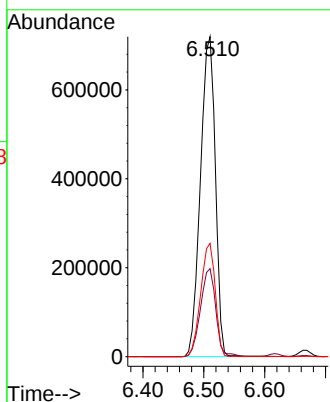
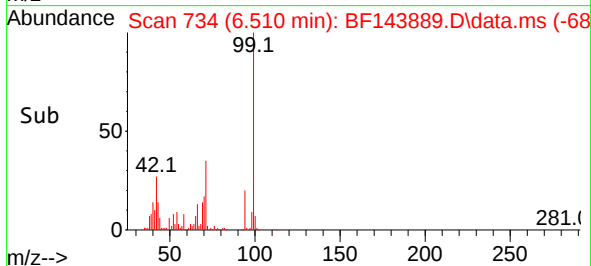
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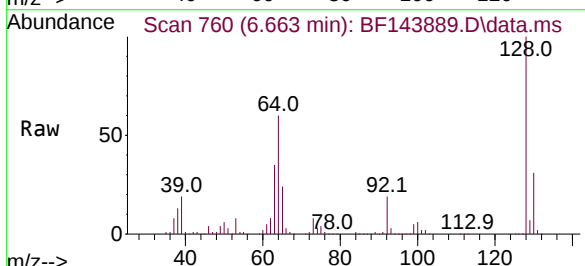
Tgt Ion: 99 Resp: 1222584
Ion Ratio Lower Upper
99 100
42 27.5 21.0 31.4
71 35.4 27.8 41.8

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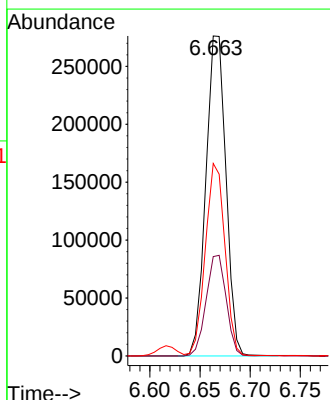
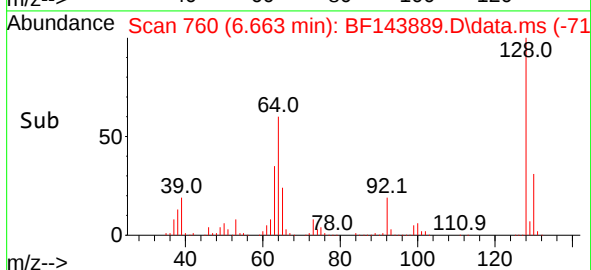
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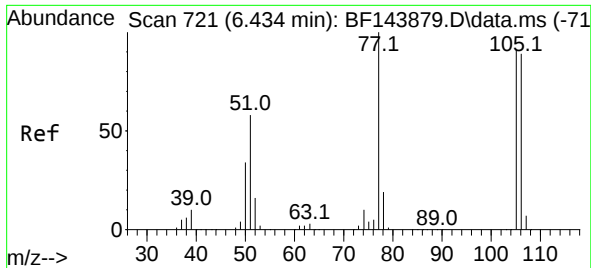


#8
2-Chlorophenol
Concen: 44.142 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:128 Resp: 383602
Ion Ratio Lower Upper
128 100
130 31.0 10.7 50.7
64 60.1 39.0 79.0





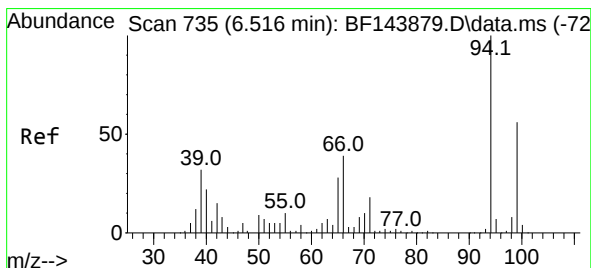
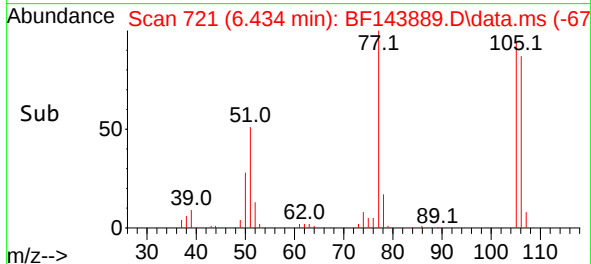
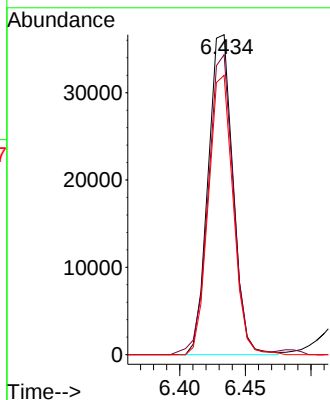
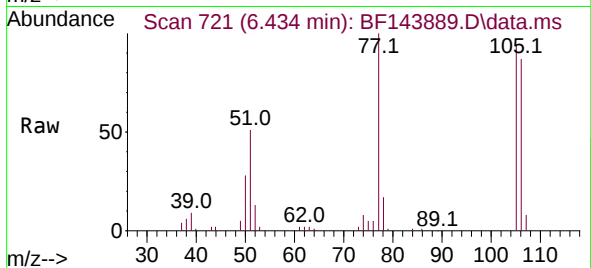
#9
Benzaldehyde
Concen: 5.931 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion: 77 Resp: 48486
Ion Ratio Lower Upper
77 100
105 93.7 70.9 110.9
106 87.3 68.9 108.9

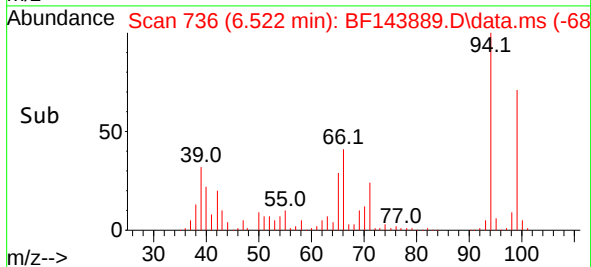
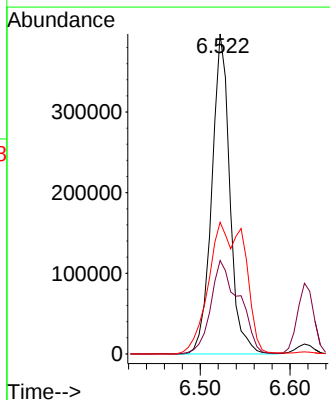
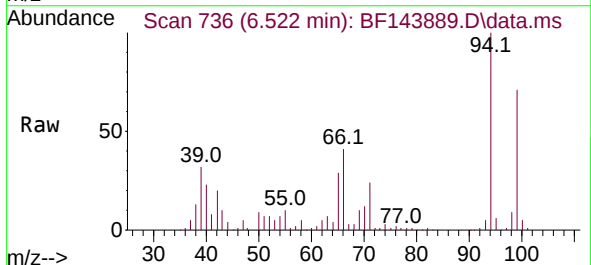
Manual Integrations
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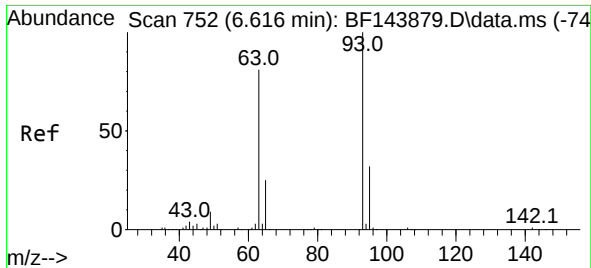
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#10
Phenol
Concen: 43.815 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion: 94 Resp: 555081
Ion Ratio Lower Upper
94 100
65 29.2 8.5 48.5
66 41.1 19.9 59.9





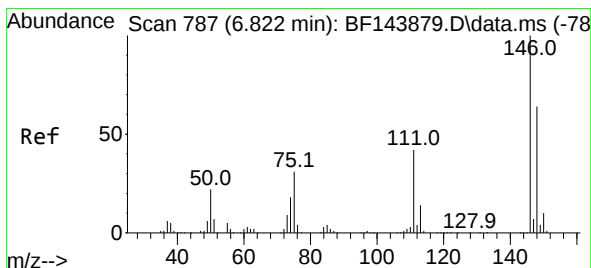
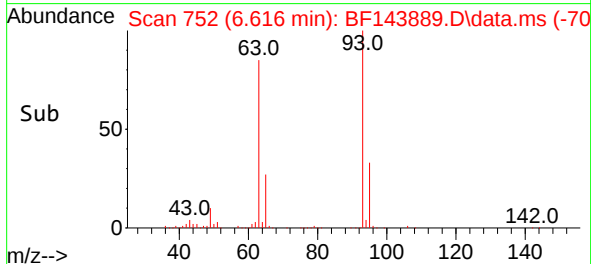
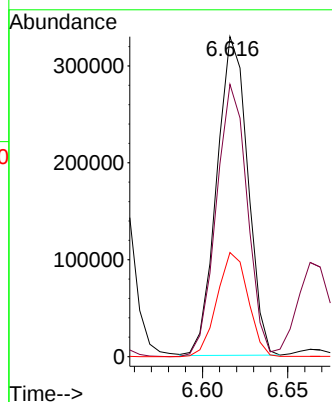
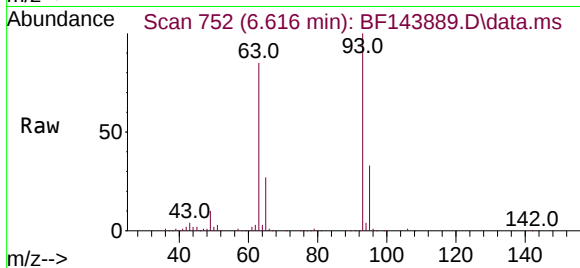
#11
bis(2-Chloroethyl)ether
Concen: 42.524 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion: 93 Resp: 416146
Ion Ratio Lower Upper
93 100
63 85.1 60.9 100.9
95 32.5 11.5 51.5

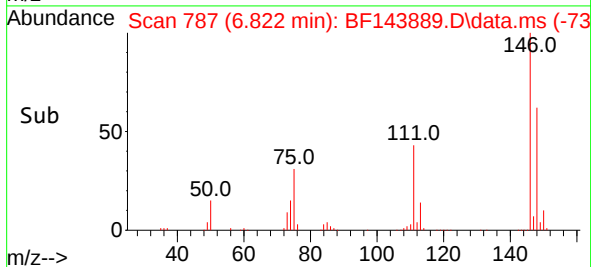
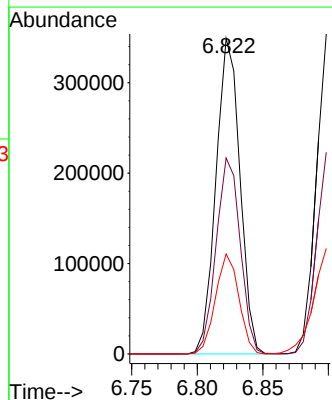
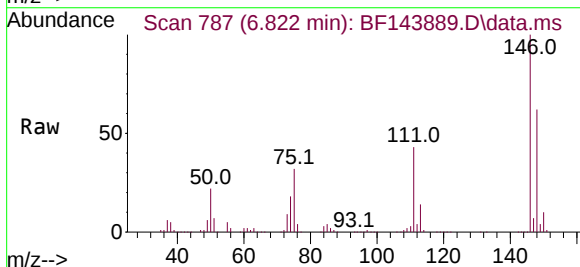
Manual Integrations
APPROVED

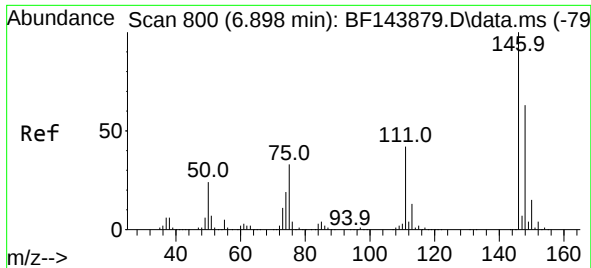
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#12
1,3-Dichlorobenzene
Concen: 42.733 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

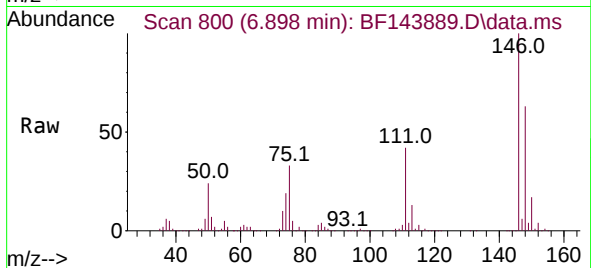
Tgt Ion:146 Resp: 444516
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.4
75 31.7 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 43.711 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

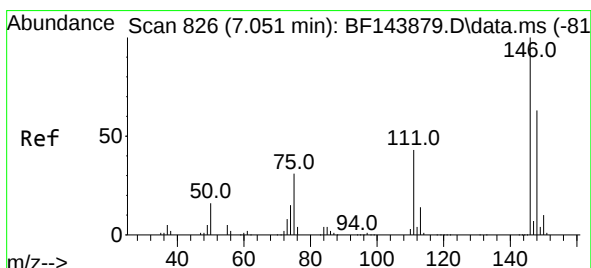
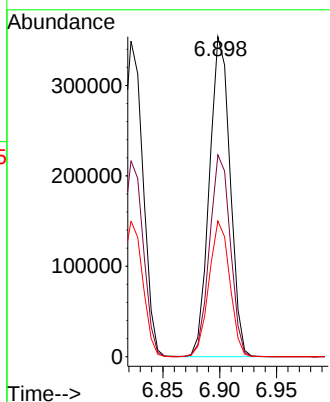
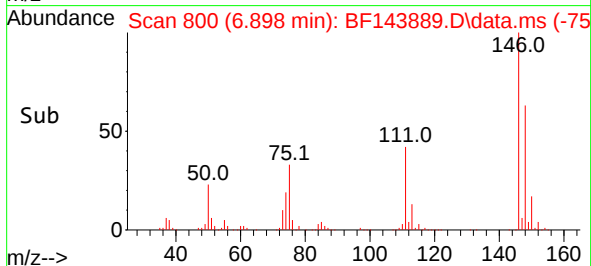
Instrument :
BNA_F
ClientSampleId :
PB170004BS



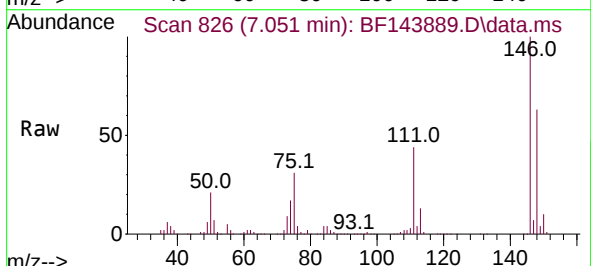
Tgt Ion:146 Resp: 448513
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 42.4 33.4 50.0

Manual Integrations
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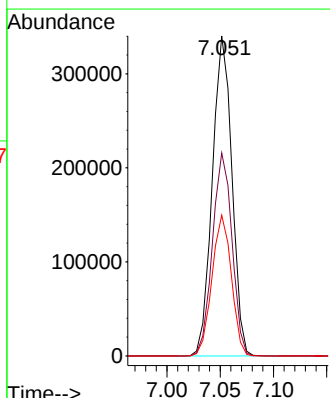
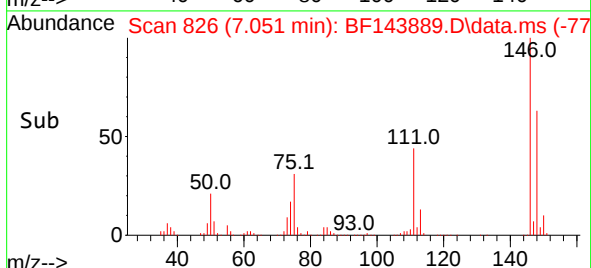
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

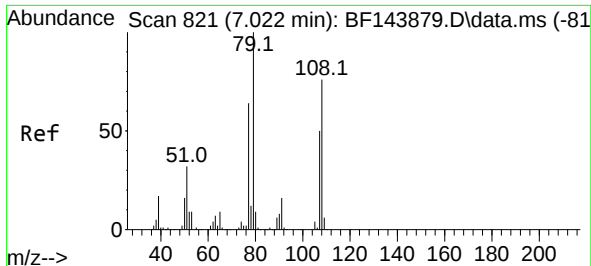


#14
1,2-Dichlorobenzene
Concen: 44.345 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



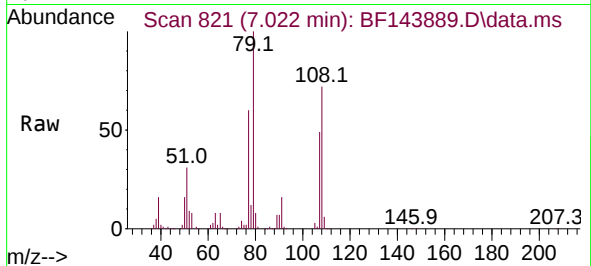
Tgt Ion:146 Resp: 435839
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 44.0 34.6 51.8





#15
Benzyl Alcohol
Concen: 47.447 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

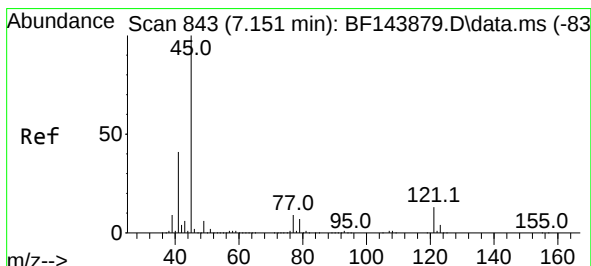
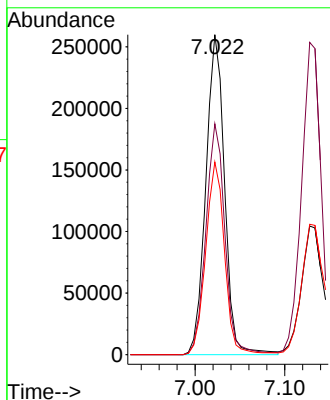
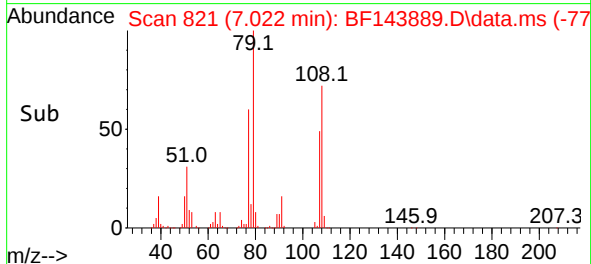
Instrument :
BNA_F
ClientSampleId :
PB170004BS



Tgt Ion: 79 Resp: 376716
Ion Ratio Lower Upper
79 100
108 72.1 60.8 91.2
77 60.2 51.0 76.6

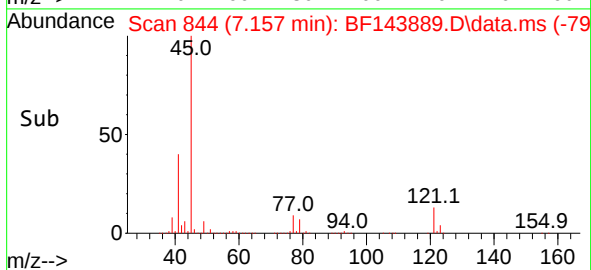
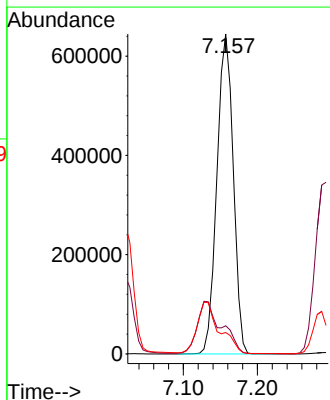
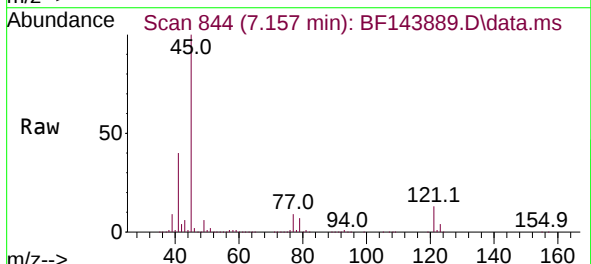
Manual Integrations
APPROVED

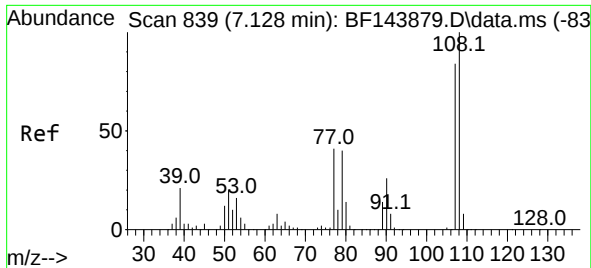
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.262 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

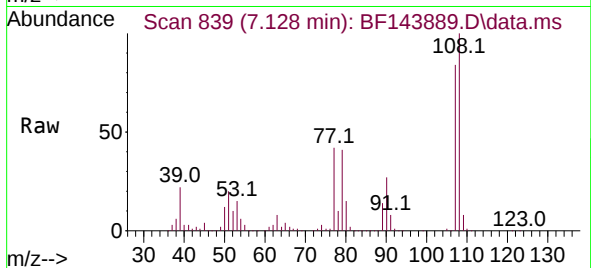
Tgt Ion: 45 Resp: 985975
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 6.7 0.0 26.8





#17
2-Methylphenol
Concen: 44.319 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

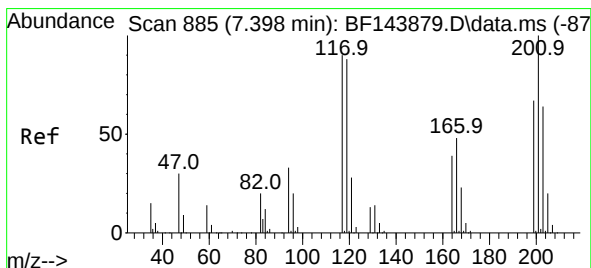
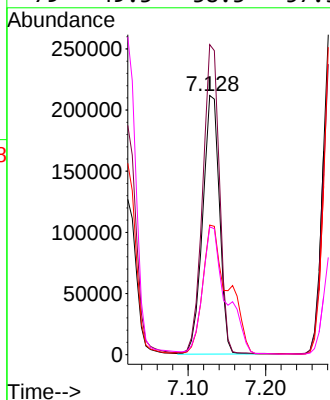
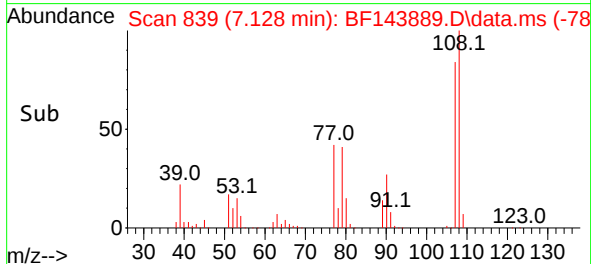
Instrument :
BNA_F
ClientSampleId :
PB170004BS



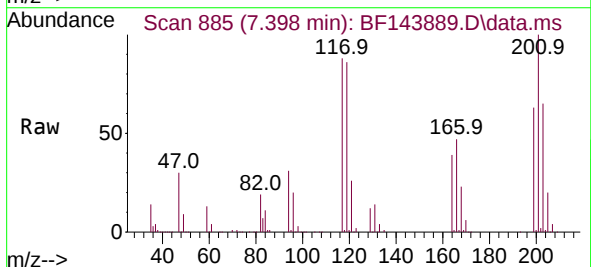
Tgt Ion:107 Resp: 318292
Ion Ratio Lower Upper
107 100
108 119.6 94.7 142.1
77 50.0 38.8 58.2
79 49.3 38.3 57.5

Manual Integrations
APPROVED

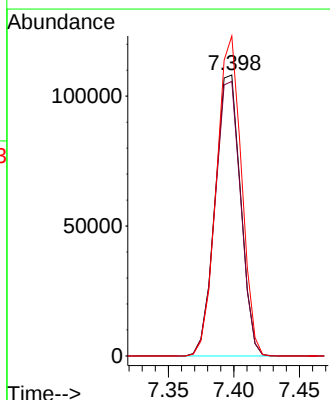
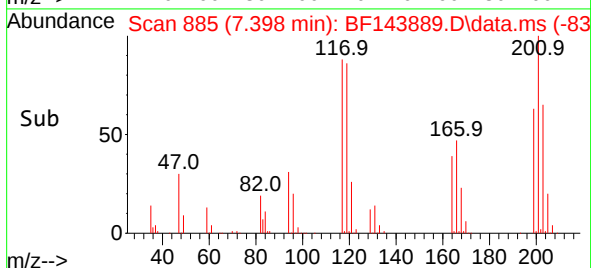
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

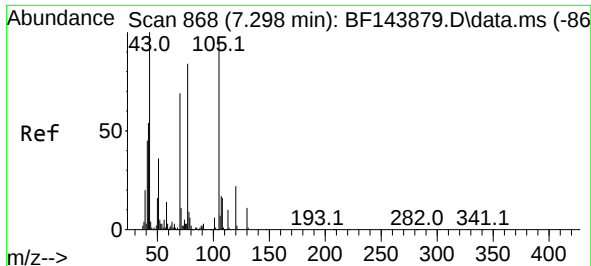


#18
Hexachloroethane
Concen: 42.914 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



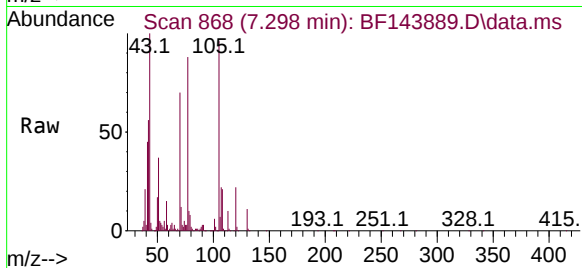
Tgt Ion:117 Resp: 146850
Ion Ratio Lower Upper
117 100
119 97.7 77.8 116.8
201 113.9 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.218 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

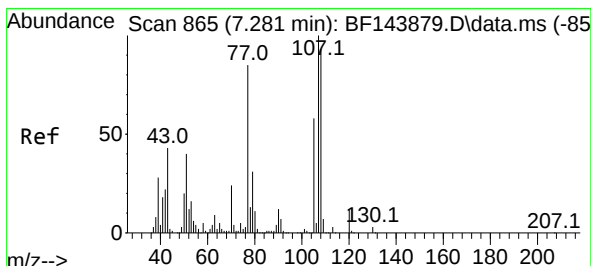
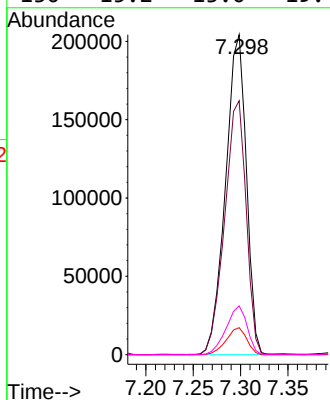
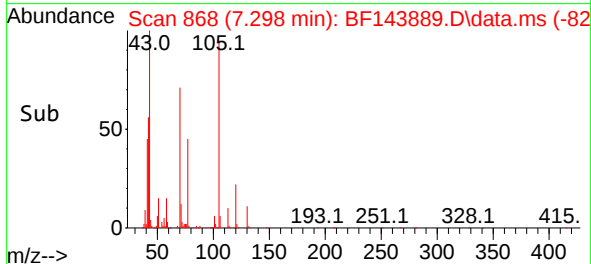
Instrument :
BNA_F
ClientSampleId :
PB170004BS



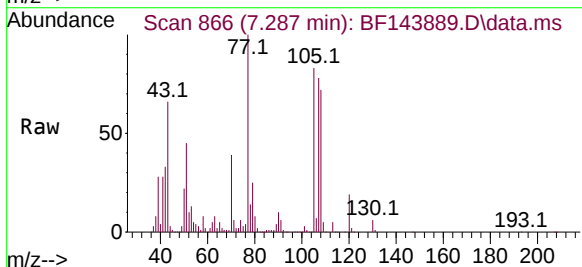
Tgt Ion: 70 Resp: 31347
Ion Ratio Lower Upper
70 100
42 79.3 62.8 94.2
101 8.4 6.7 10.1
130 15.2 13.0 19.4

Manual Integrations
APPROVED

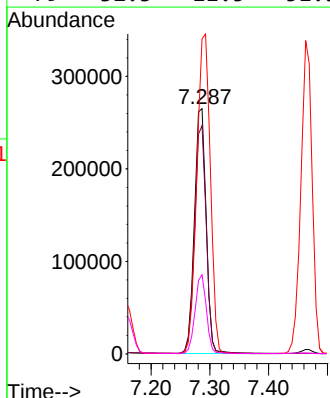
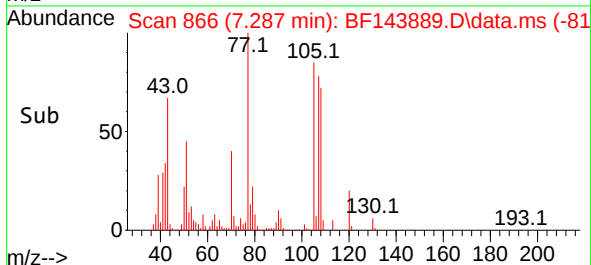
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

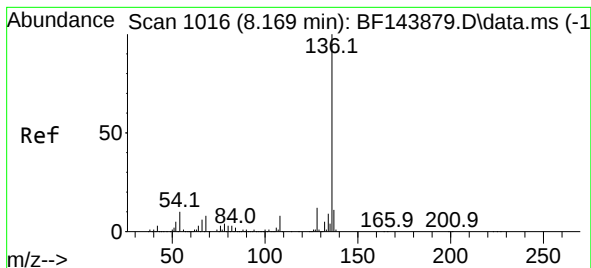


#20
3+4-Methylphenols
Concen: 44.217 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:107 Resp: 368047
Ion Ratio Lower Upper
107 100
108 93.1 73.0 113.0
77 128.4 64.6 104.6#
79 32.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS

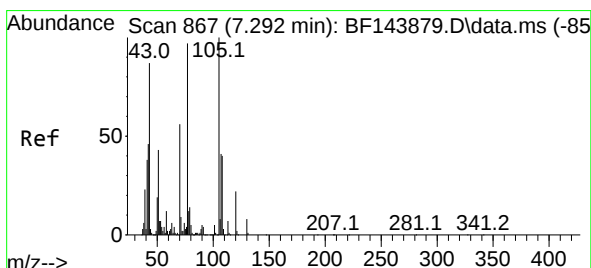
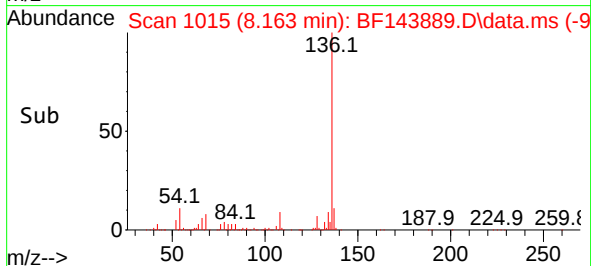
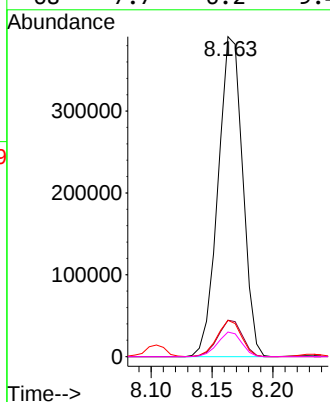
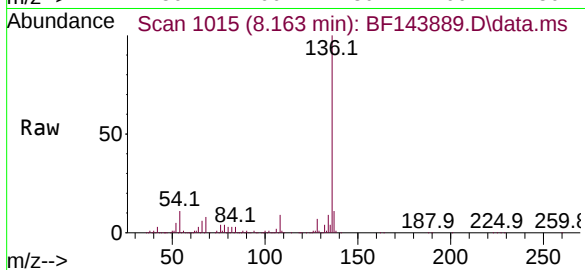
Tgt Ion:	136	Resp:	549823
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	11.3	8.2	12.4
68	7.7	6.2	9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#22

Acetophenone

Concen: 43.135 ng

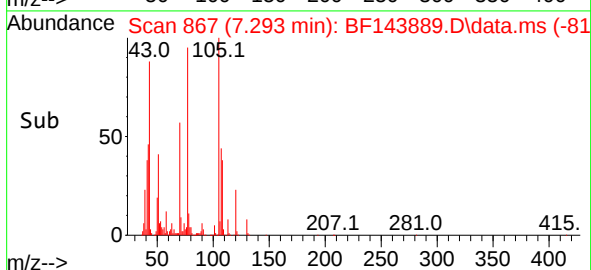
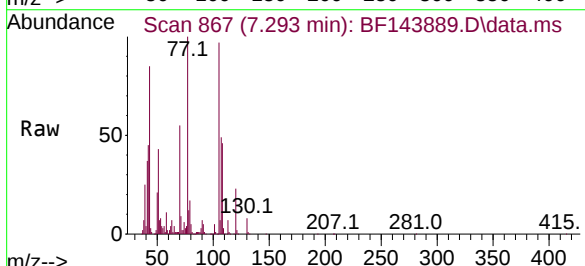
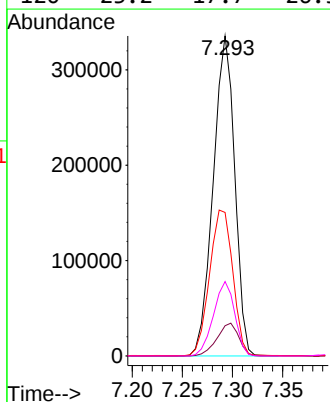
RT: 7.293 min Scan# 867

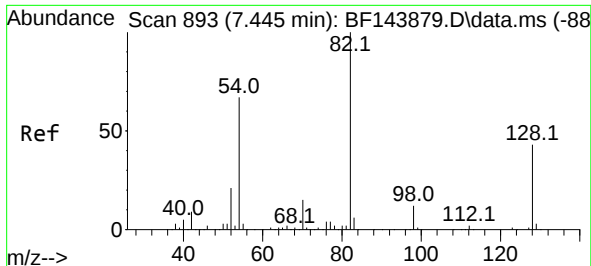
Delta R.T. -0.012 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Tgt Ion:	105	Resp:	501473
Ion Ratio	Lower	Upper	
105	100		
71	9.4	7.4	11.0
51	44.8	34.2	51.4
120	23.2	17.7	26.5





#23

Nitrobenzene-d5

Concen: 85.846 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

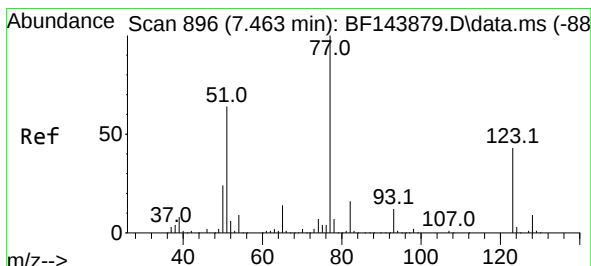
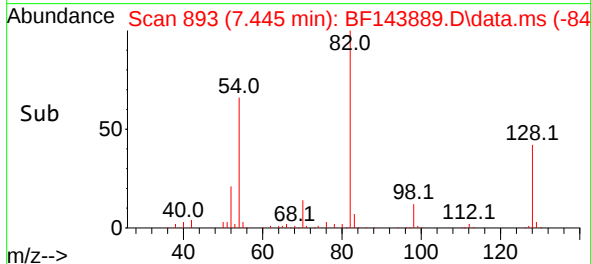
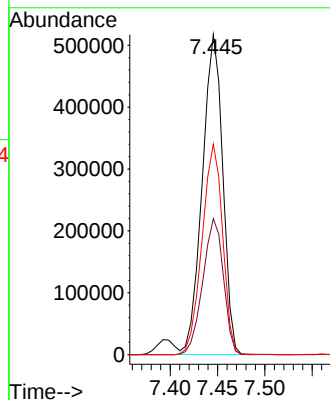
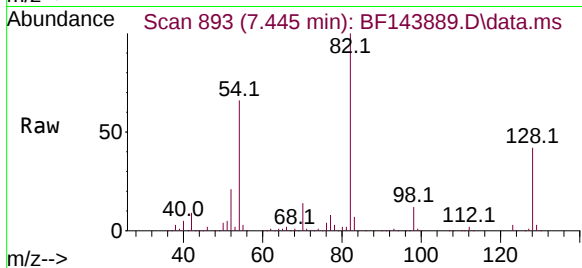
PB170004BS

Tgt Ion: 82 Resp: 776891
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.0 51.0
 54 65.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025



#24

Nitrobenzene

Concen: 45.069 ng

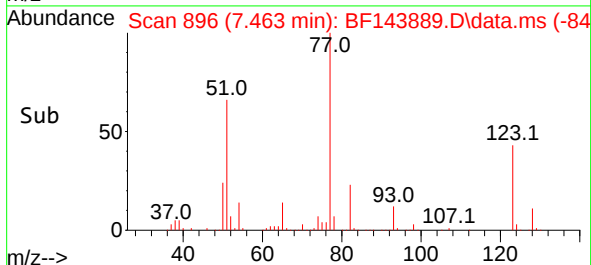
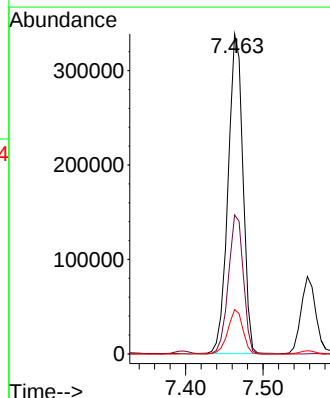
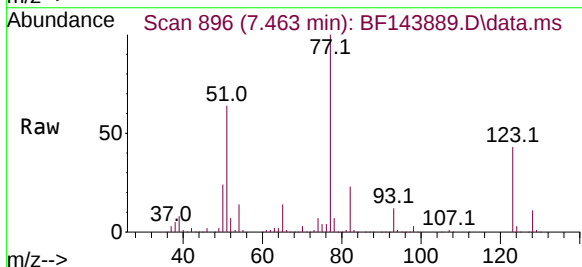
RT: 7.463 min Scan# 896

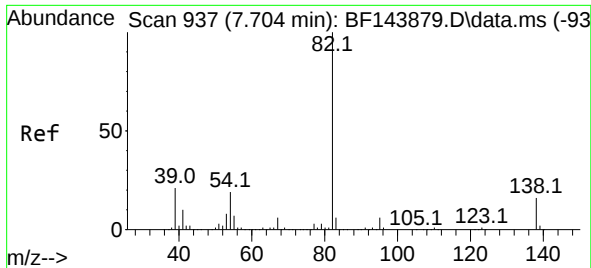
Delta R.T. -0.012 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Tgt Ion: 77 Resp: 452942
 Ion Ratio Lower Upper
 77 100
 123 43.4 34.2 51.4
 65 13.8 11.0 16.6





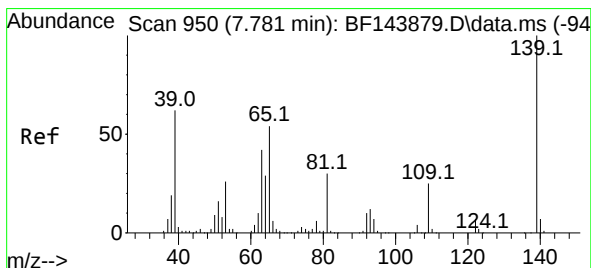
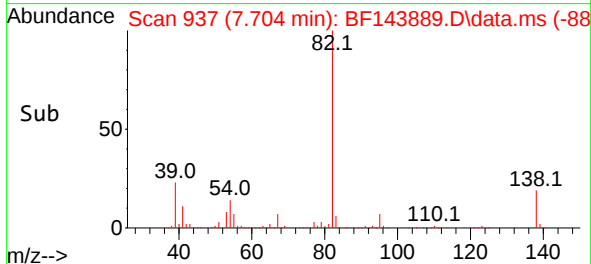
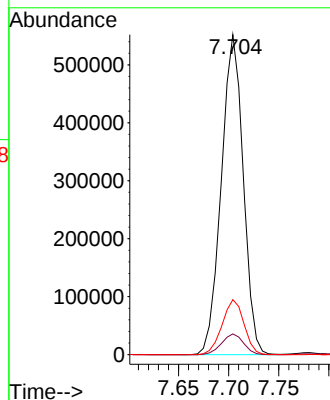
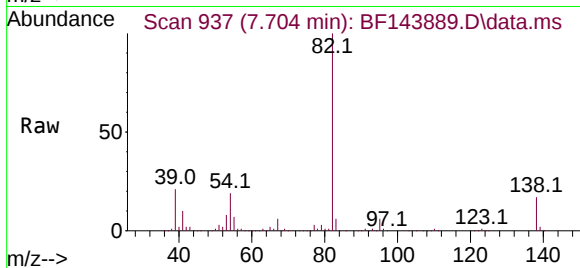
#25
Isophorone
Concen: 44.058 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
Client SampleId :
PB170004BS

Tgt Ion: 82 Resp: 840716
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 17.2 12.9 19.3

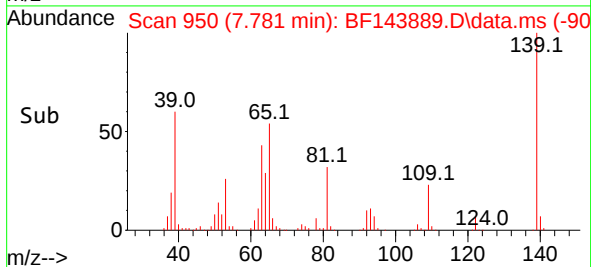
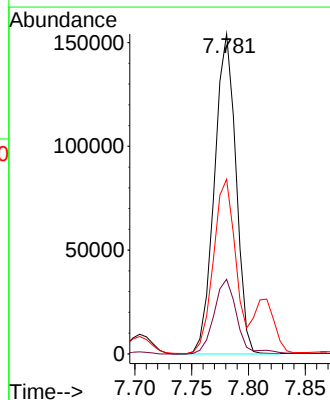
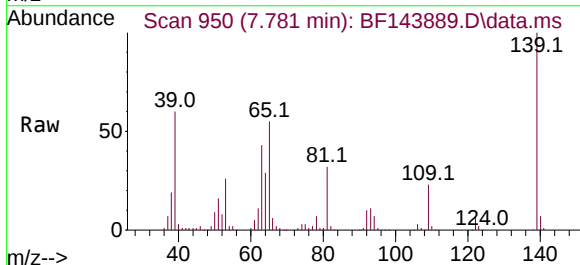
Manual Integrations
APPROVED

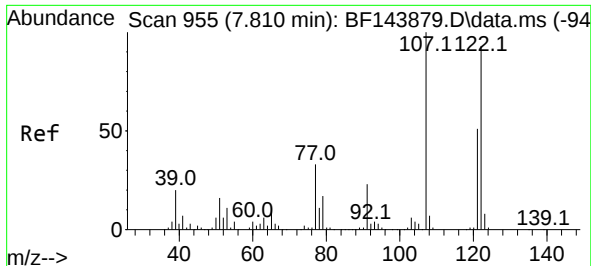
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#26
2-Nitrophenol
Concen: 47.113 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:139 Resp: 202996
Ion Ratio Lower Upper
139 100
109 23.3 19.8 29.6
65 54.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.655 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS

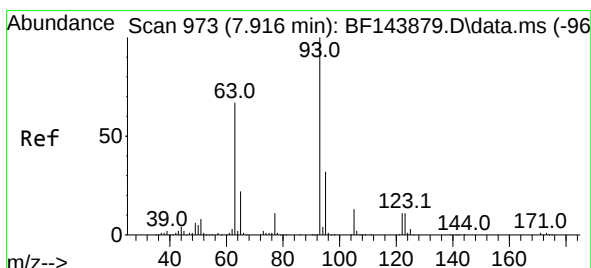
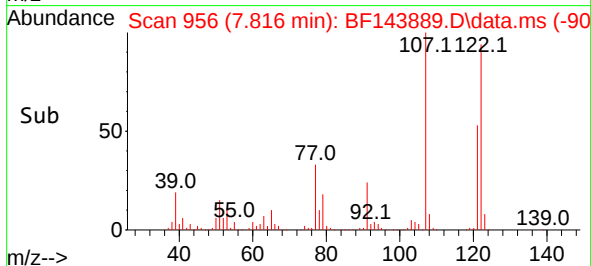
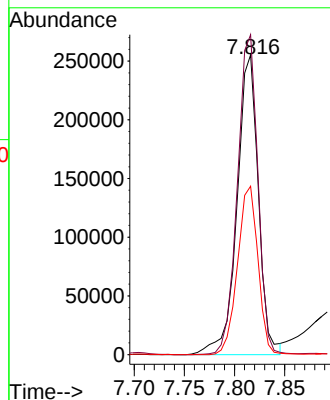
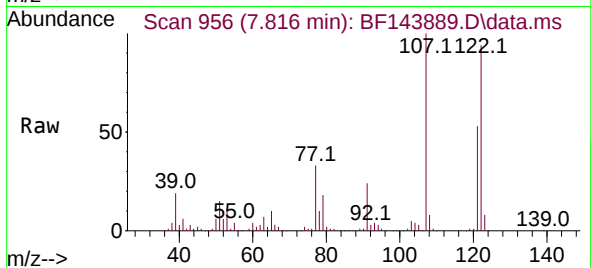
Tgt Ion:122 Resp: 377114
 Ion Ratio Lower Upper
 122 100
 107 106.8 86.1 129.1
 121 56.2 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.063 ng

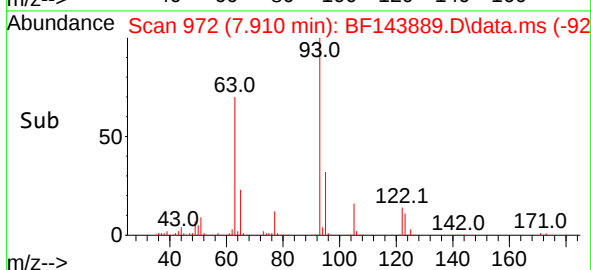
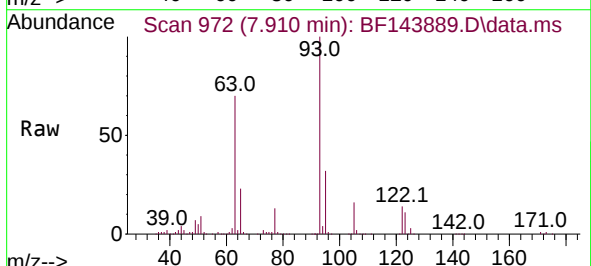
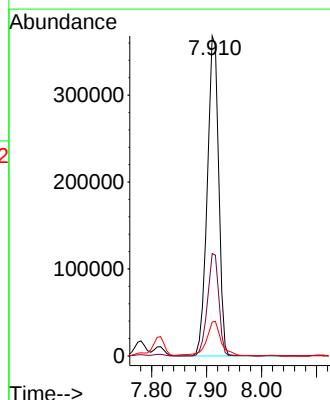
RT: 7.910 min Scan# 972

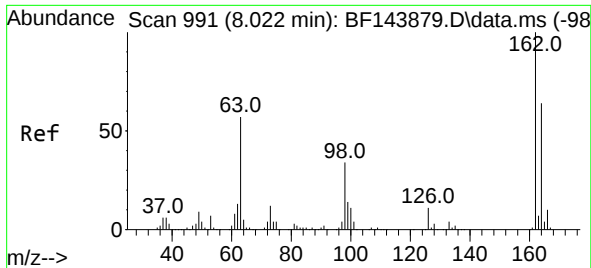
Delta R.T. -0.012 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Tgt Ion: 93 Resp: 531135
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.9 38.9
 123 10.6 9.4 14.0





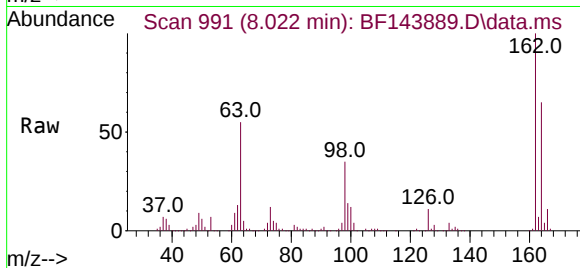
#29
2,4-Dichlorophenol
Concen: 44.206 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



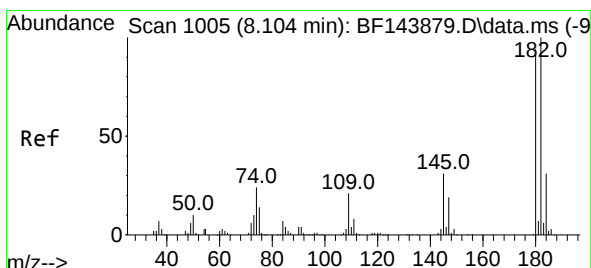
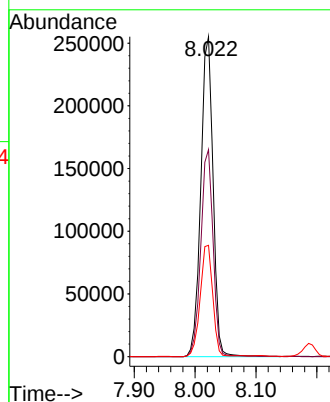
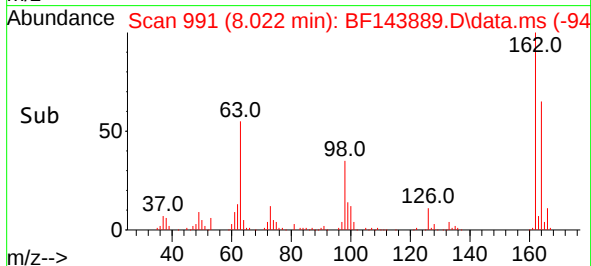
Tgt Ion:162 Resp: 356900
Ion Ratio Lower Upper
162 100
164 64.7 43.9 83.9
98 34.8 14.4 54.4

Manual Integrations

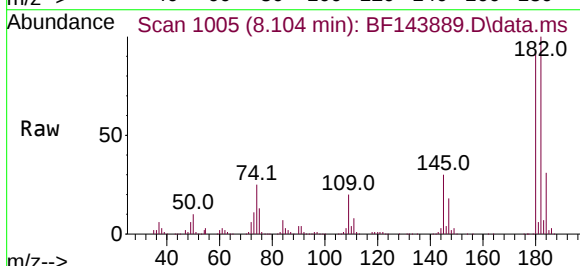
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

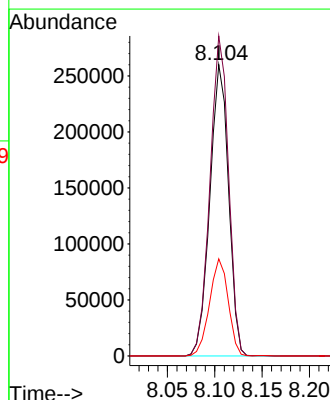
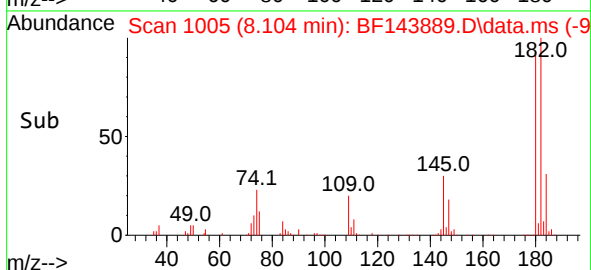
Supervised By :Jagrut Upadhyay 10/09/2025

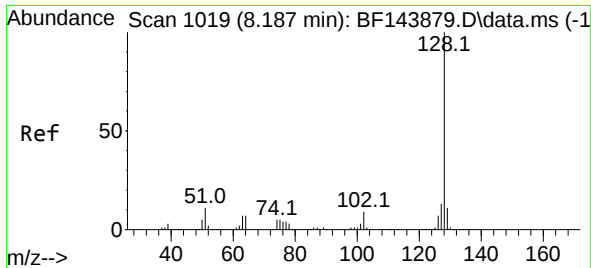


#30
1,2,4-Trichlorobenzene
Concen: 45.058 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:180 Resp: 357767
Ion Ratio Lower Upper
180 100
182 109.8 85.4 128.0
145 33.3 26.3 39.5





#31
Naphthalene
Concen: 42.679 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

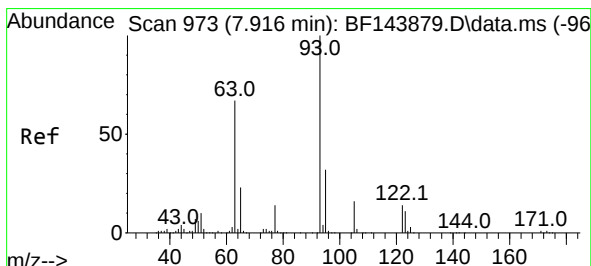
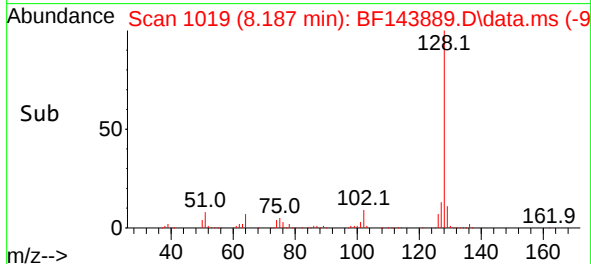
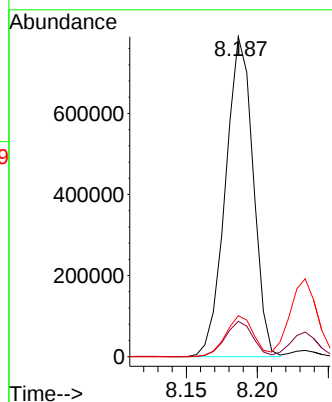
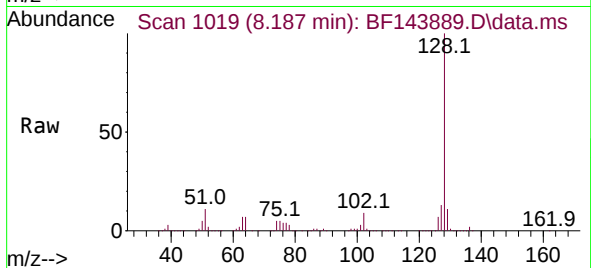
PB170004BS

Tgt Ion:128 Resp: 1067450
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.0 15.0

Manual Integrations

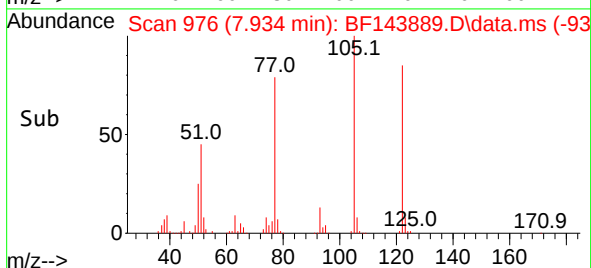
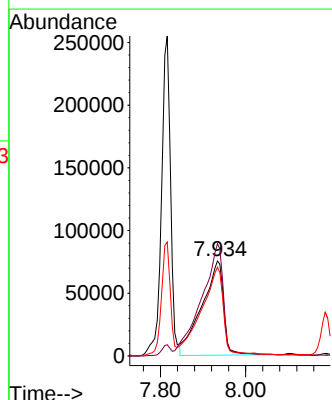
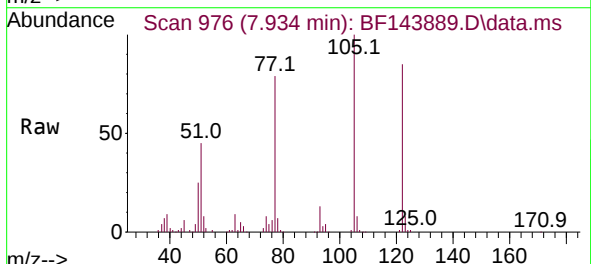
APPROVED

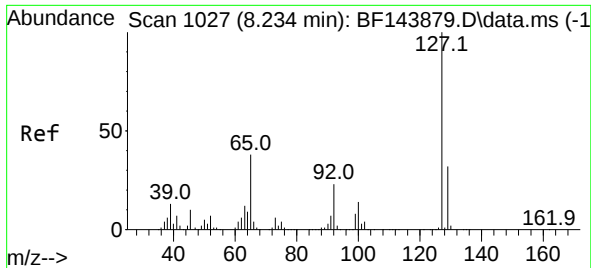
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#32
Benzoic acid
Concen: 49.776 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:122 Resp: 267006
Ion Ratio Lower Upper
122 100
105 118.1 93.5 133.5
77 93.4 76.3 116.3





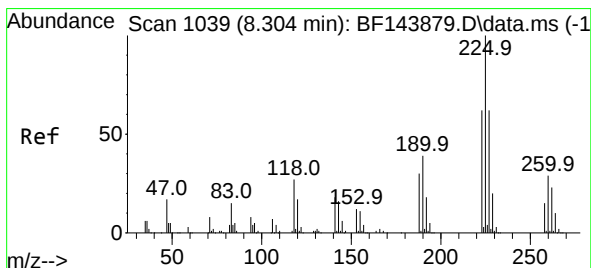
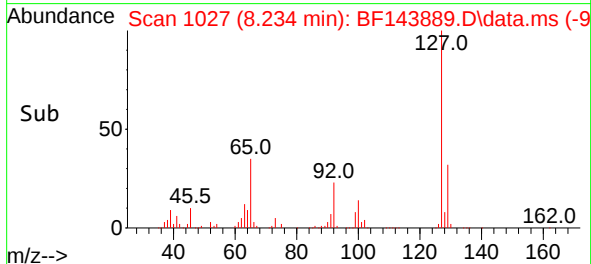
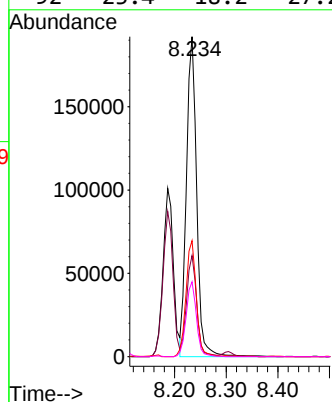
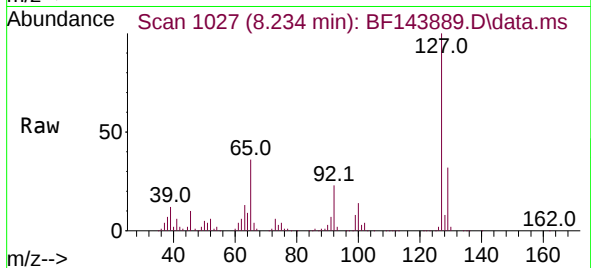
#33
4-Chloroaniline
Concen: 28.256 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion:127 Resp: 265053
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 36.3 30.0 45.0
92 23.4 18.2 27.2

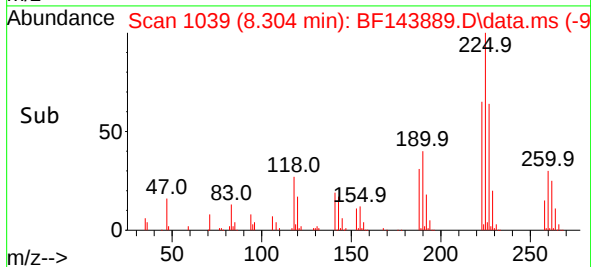
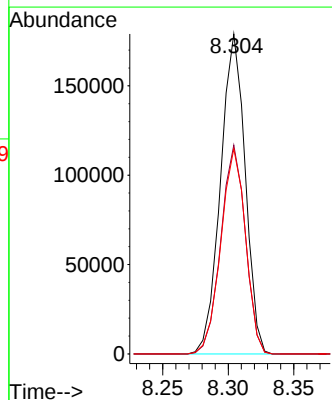
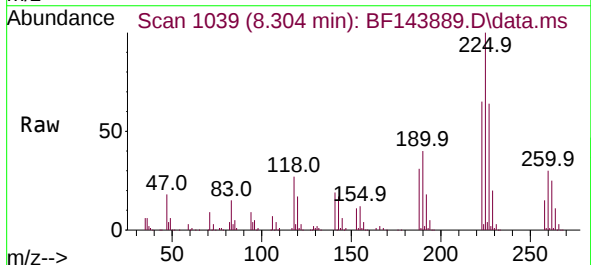
Manual Integrations
APPROVED

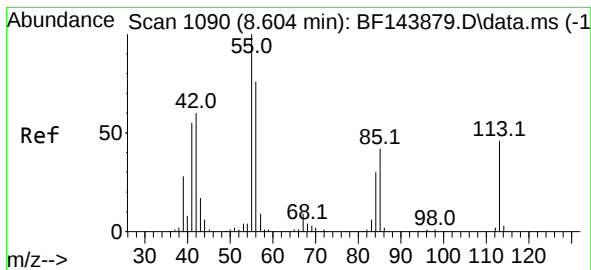
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#34
Hexachlorobutadiene
Concen: 42.477 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

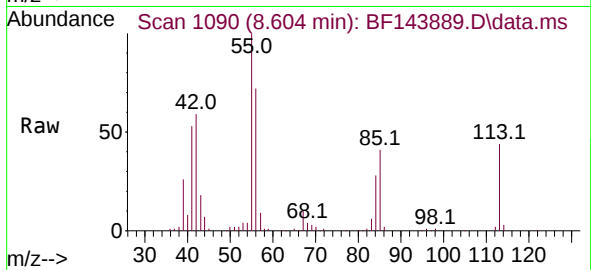
Tgt Ion:225 Resp: 234369
Ion Ratio Lower Upper
225 100
223 65.2 49.4 74.2
227 64.1 49.7 74.5





#35
 Caprolactam
 Concen: 47.174 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11

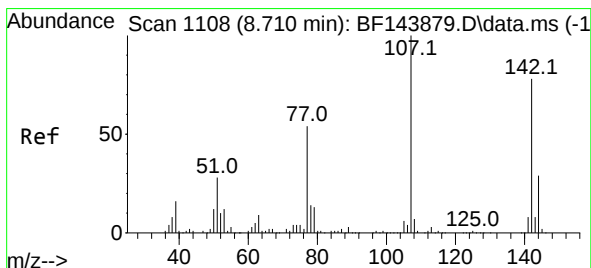
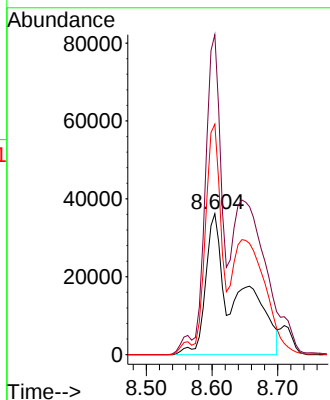
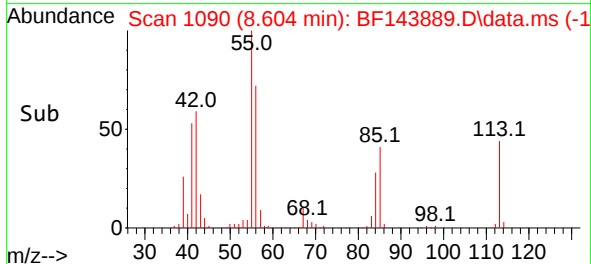
Instrument :
 BNA_F
 ClientSampleId :
 PB170004BS



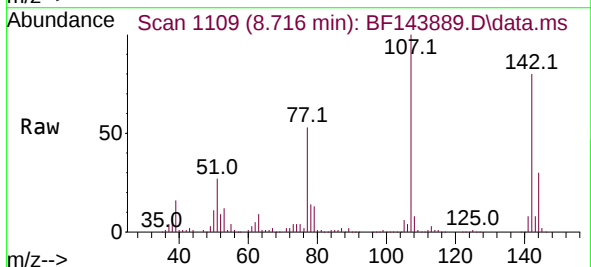
Tgt Ion:113 Resp: 121099
 Ion Ratio Lower Upper
 113 100
 55 227.0 199.6 239.6
 56 163.5 146.0 186.0

Manual Integrations
 APPROVED

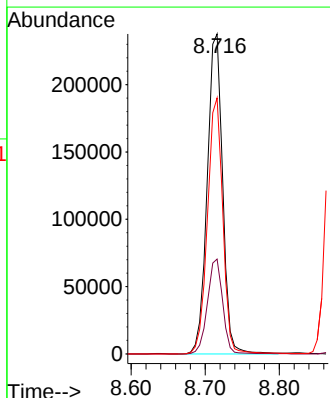
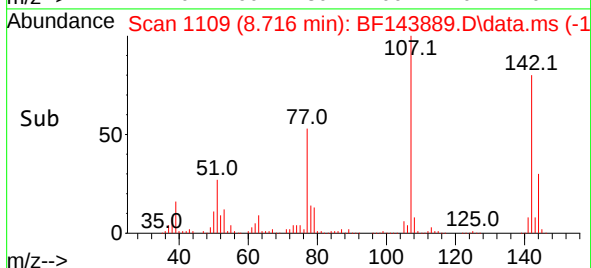
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

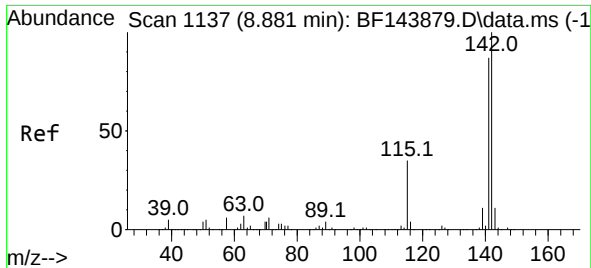


#36
 4-Chloro-3-methylphenol
 Concen: 44.303 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11



Tgt Ion:107 Resp: 343576
 Ion Ratio Lower Upper
 107 100
 144 29.6 23.1 34.7
 142 80.0 62.6 94.0





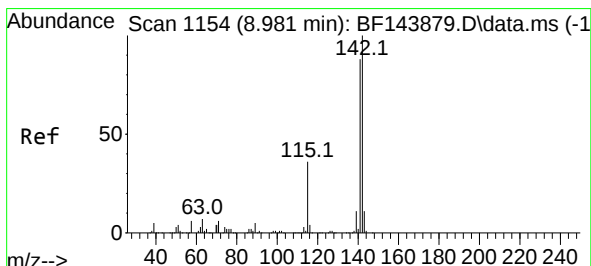
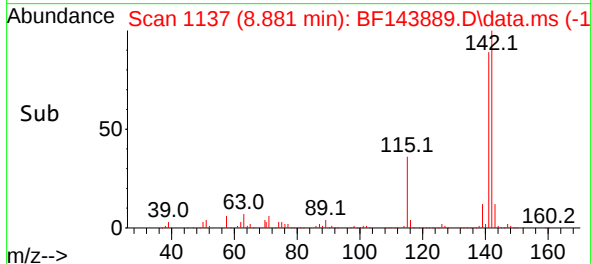
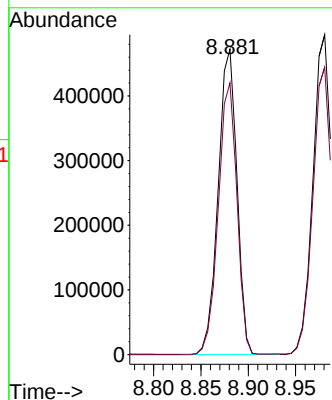
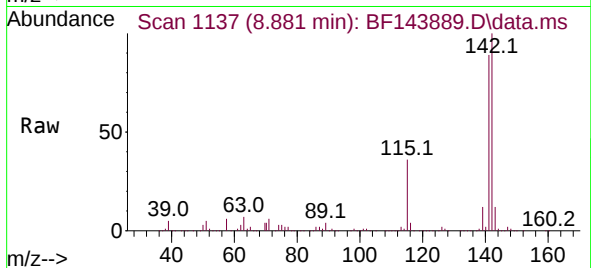
#37
2-Methylnaphthalene
Concen: 38.921 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion:142 Resp: 648440
Ion Ratio Lower Upper
142 100
141 88.9 69.2 103.8

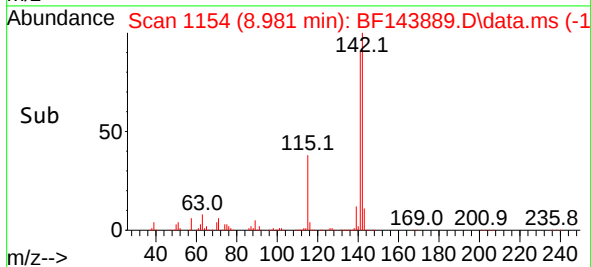
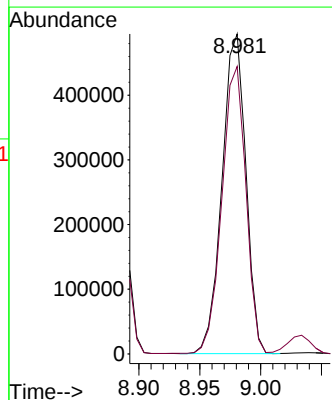
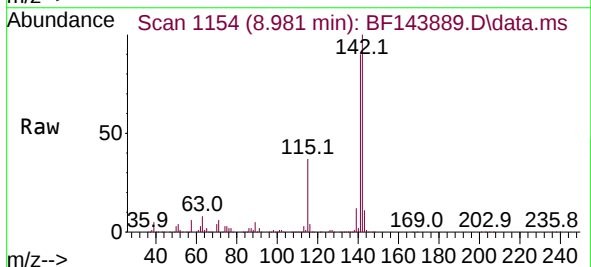
Manual Integrations
APPROVED

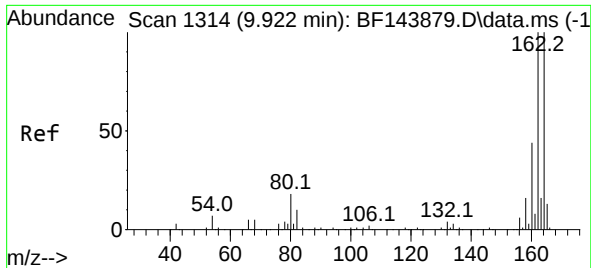
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#38
1-Methylnaphthalene
Concen: 41.646 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:142 Resp: 673009
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2





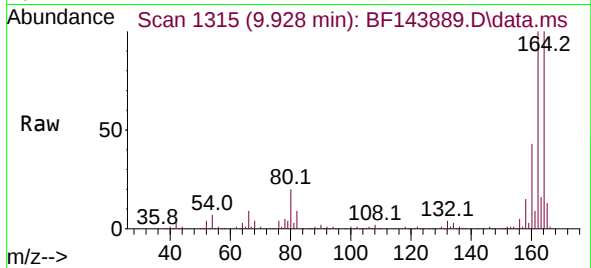
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



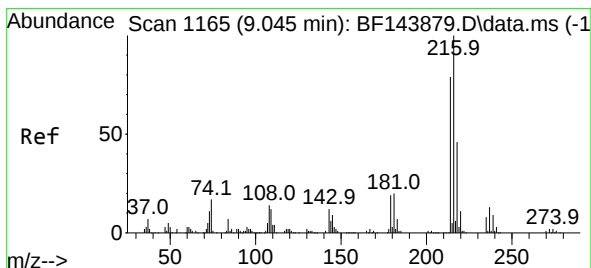
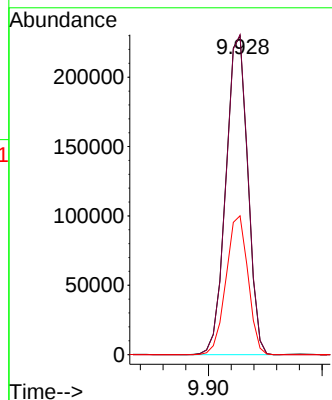
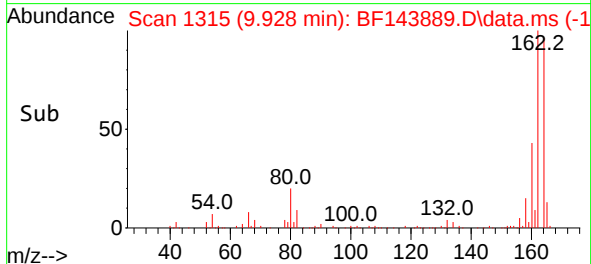
Tgt Ion:164 Resp: 30735
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.2
160 43.6 35.4 53.0

Manual Integrations

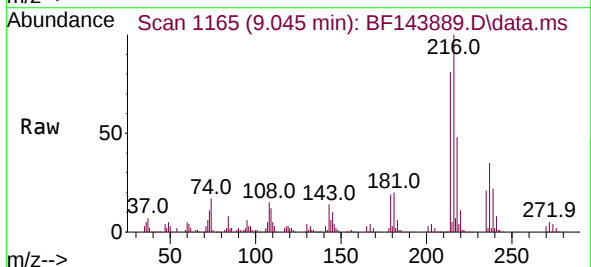
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

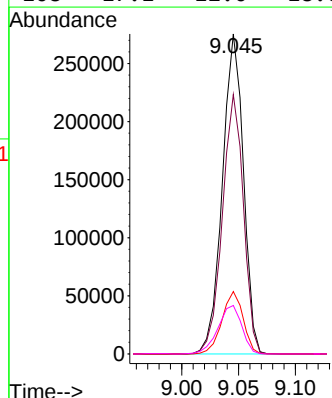
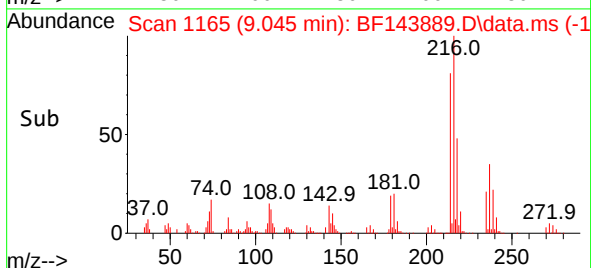
Supervised By :Jagrut Upadhyay 10/09/2025

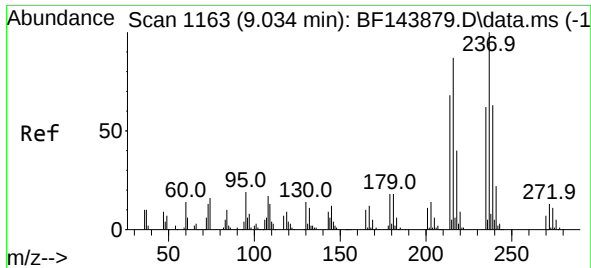


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.724 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



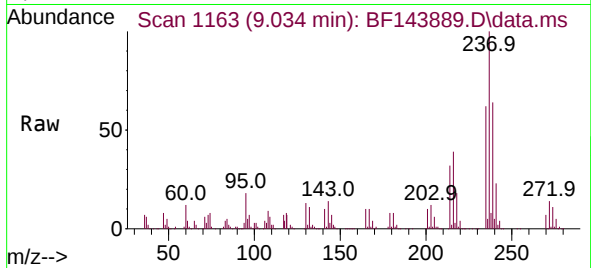
Tgt Ion:216 Resp: 354444
Ion Ratio Lower Upper
216 100
214 81.1 62.6 94.0
179 19.6 15.4 23.0
108 17.1 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 103.896 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

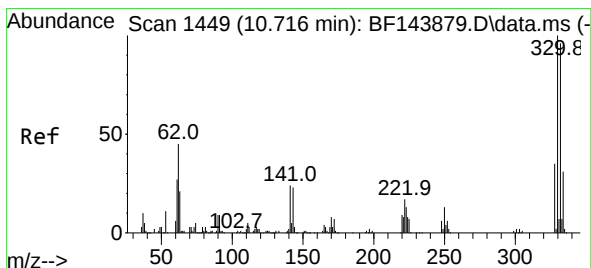
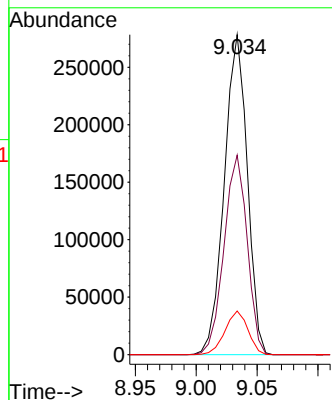
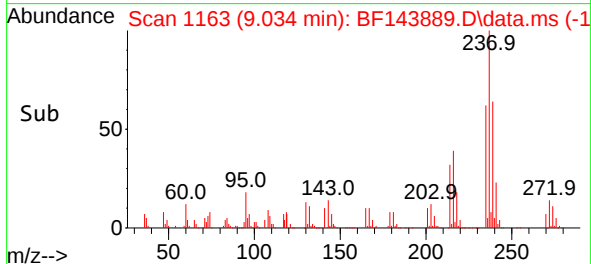
Instrument :
BNA_F
ClientSampleId :
PB170004BS



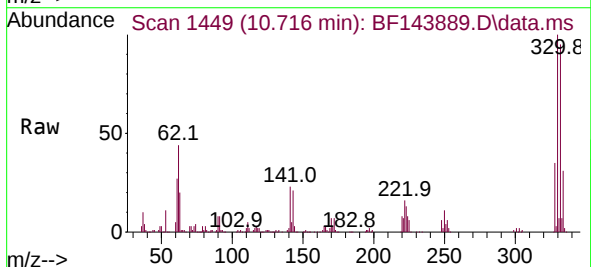
Tgt Ion: 237 Resp: 366147
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.6 0.0 33.1

Manual Integrations
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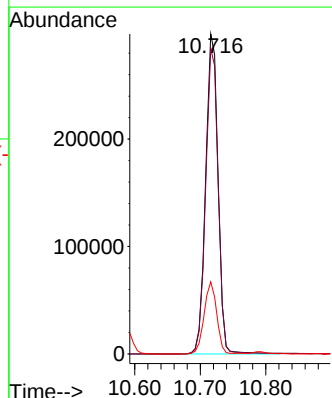
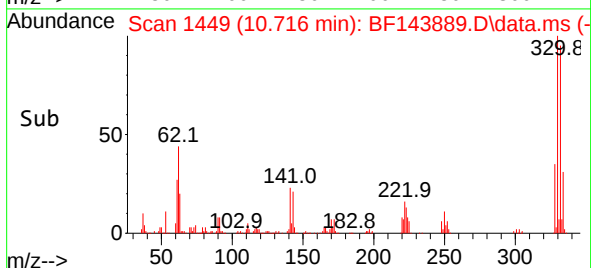
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

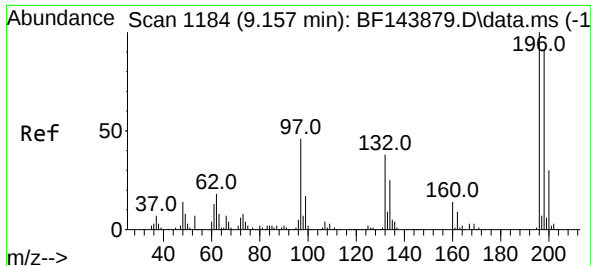


#42
2,4,6-Tribromophenol
Concen: 127.698 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion: 330 Resp: 390923
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 22.7 20.2 30.4





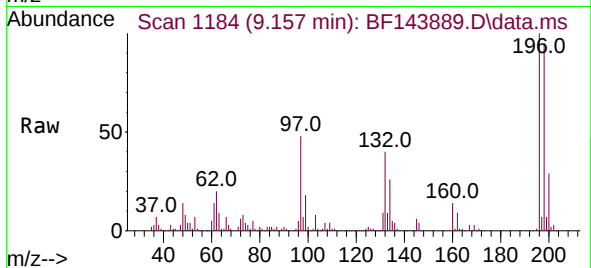
#43
2,4,6-Trichlorophenol
Concen: 44.207 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



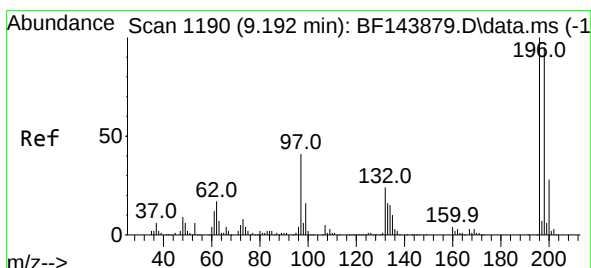
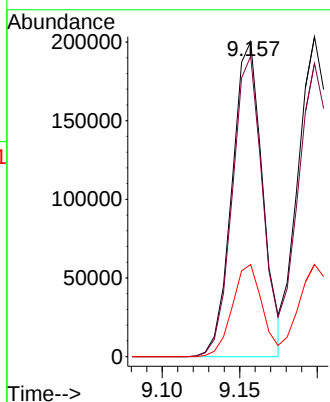
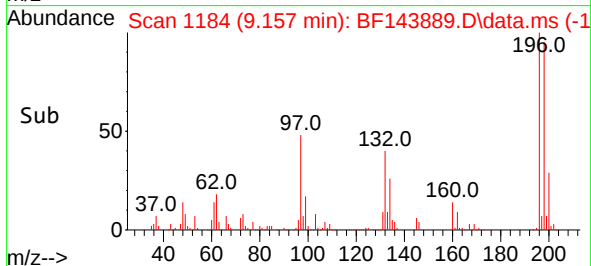
Tgt Ion:196 Resp: 274385
Ion Ratio Lower Upper
196 100
198 95.3 72.8 109.2
200 29.2 24.0 36.0

Manual Integrations

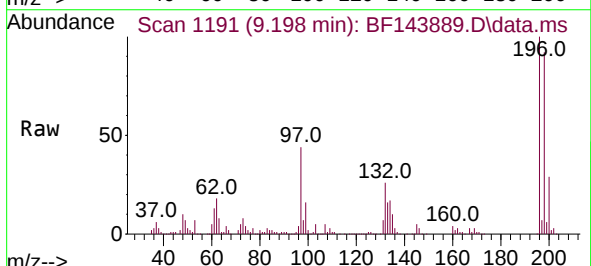
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

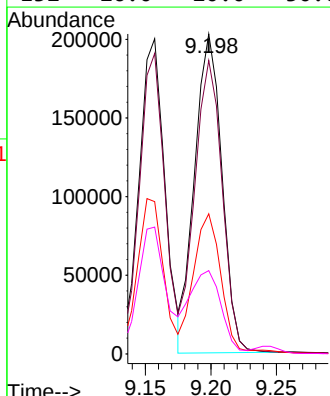
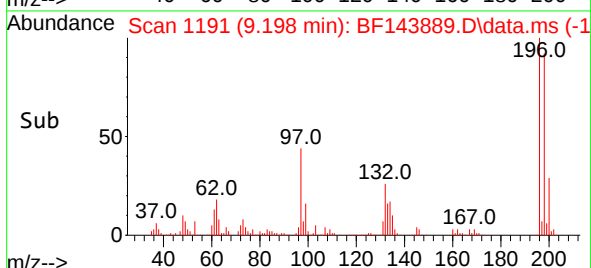
Supervised By :Jagrut Upadhyay 10/09/2025

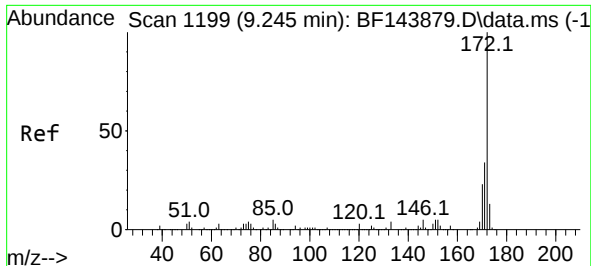


#44
2,4,5-Trichlorophenol
Concen: 44.663 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:196 Resp: 292950
Ion Ratio Lower Upper
196 100
198 91.7 75.5 113.3
97 43.8 33.9 50.9
132 26.0 20.0 30.0





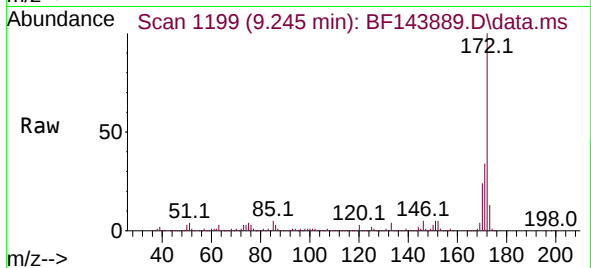
#45
2-Fluorobiphenyl
Concen: 76.121 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



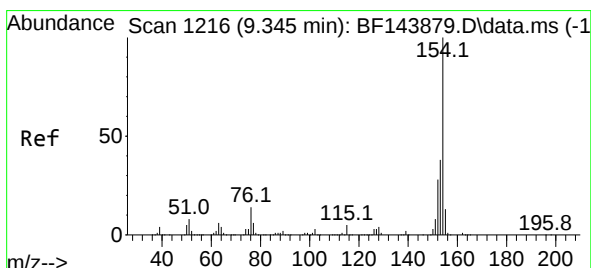
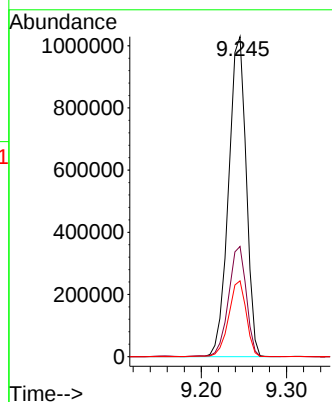
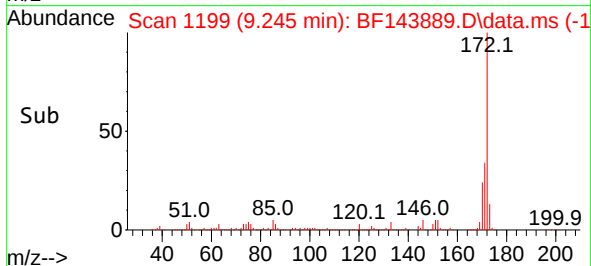
Tgt Ion:172 Resp: 1474484
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.7 18.6 28.0

Manual Integrations

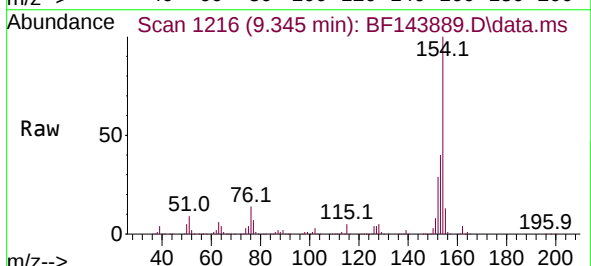
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

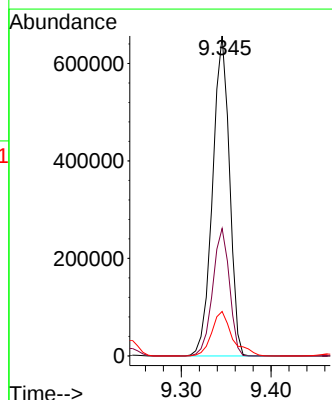
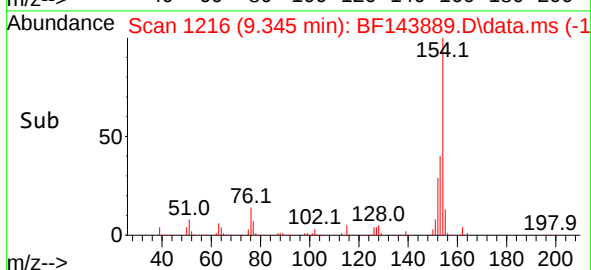
Supervised By :Jagrut Upadhyay 10/09/2025

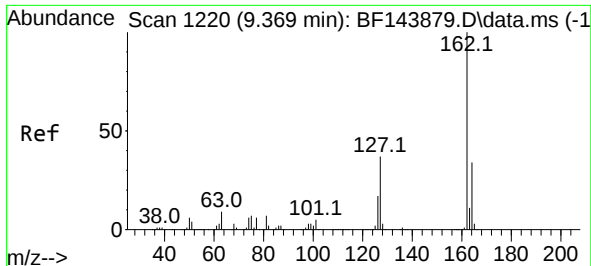


#46
1,1'-Biphenyl
Concen: 42.224 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:154 Resp: 859233
Ion Ratio Lower Upper
154 100
153 39.8 18.4 58.4
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.280 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

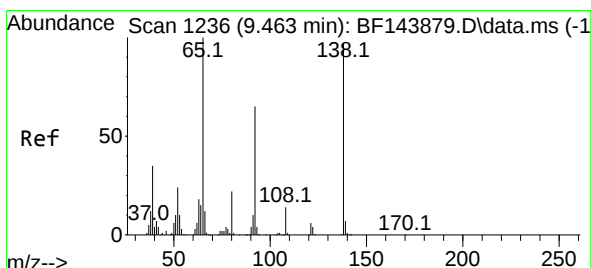
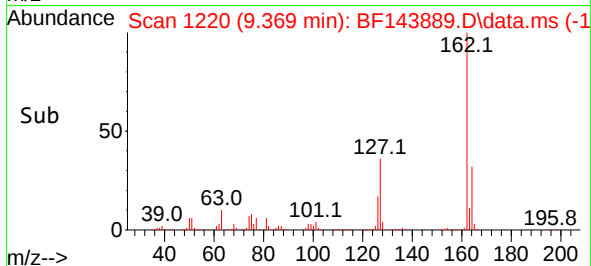
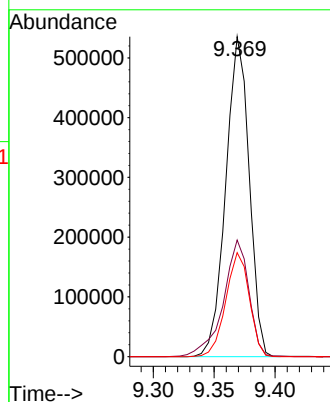
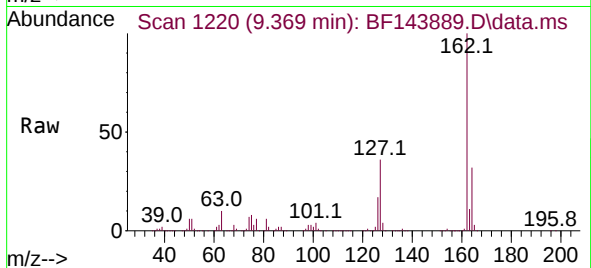
ClientSampleId :

PB170004BS

Tgt Ion:162 Resp: 717353
 Ion Ratio Lower Upper
 162 100
 127 36.4 30.2 45.2
 164 32.5 26.9 40.3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025



#48

2-Nitroaniline

Concen: 47.300 ng

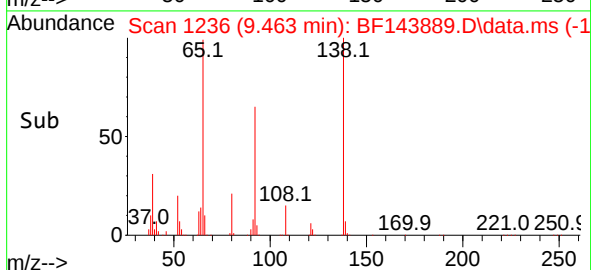
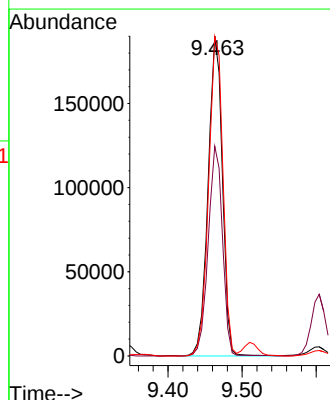
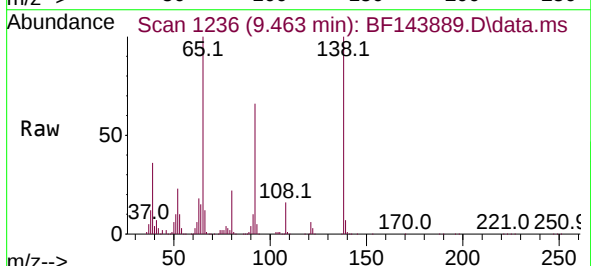
RT: 9.463 min Scan# 1236

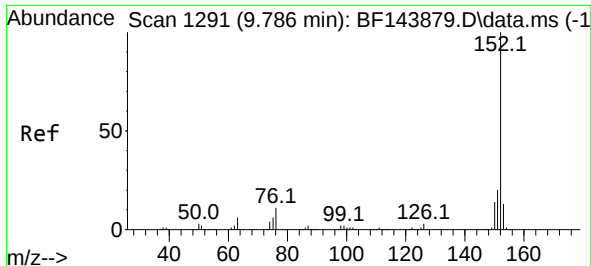
Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Tgt Ion: 65 Resp: 253724
 Ion Ratio Lower Upper
 65 100
 92 65.5 52.1 78.1
 138 99.8 77.4 116.2





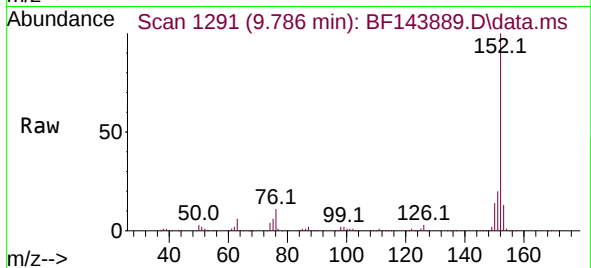
#49
Acenaphthylene
Concen: 47.009 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



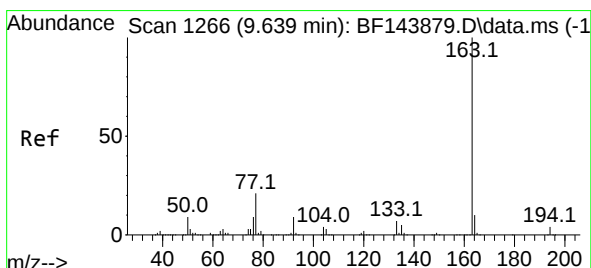
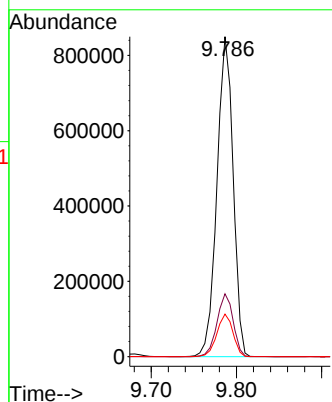
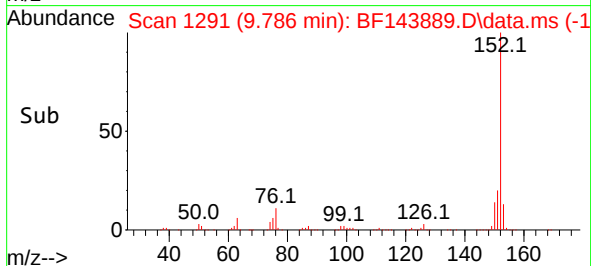
Tgt Ion:152 Resp: 1121285
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.5 15.7

Manual Integrations

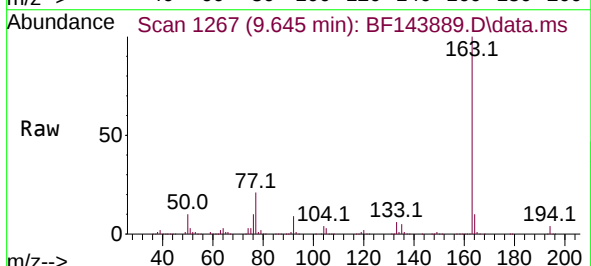
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

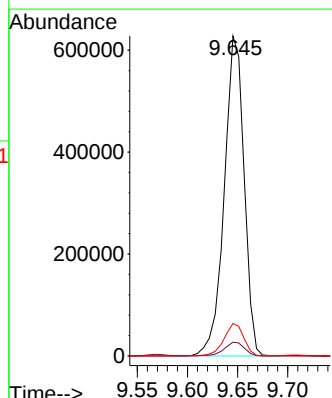
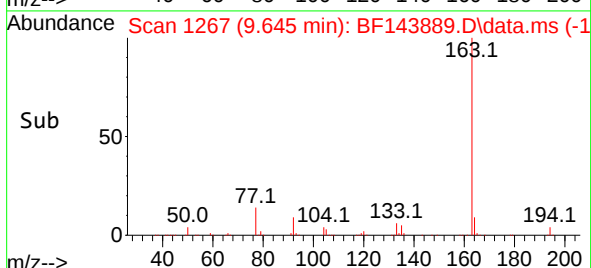
Supervised By :Jagrut Upadhyay 10/09/2025

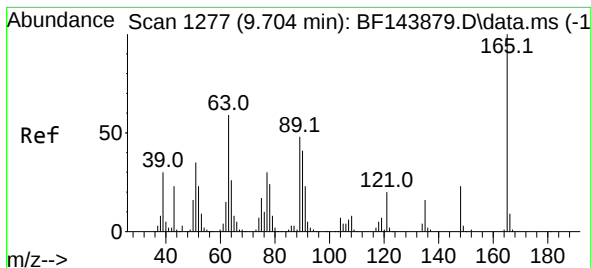


#50
Dimethylphthalate
Concen: 44.267 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



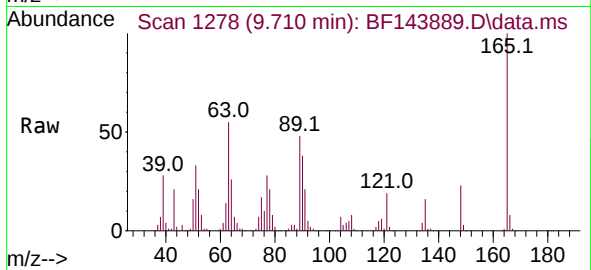
Tgt Ion:163 Resp: 864022
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.698 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

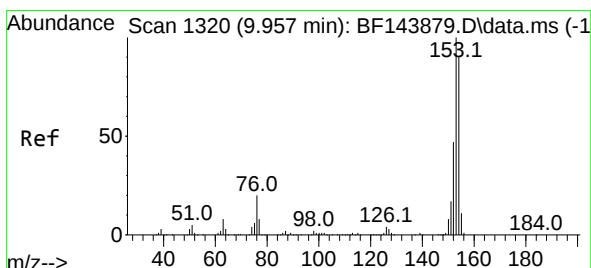
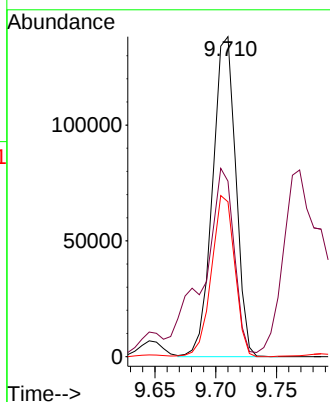
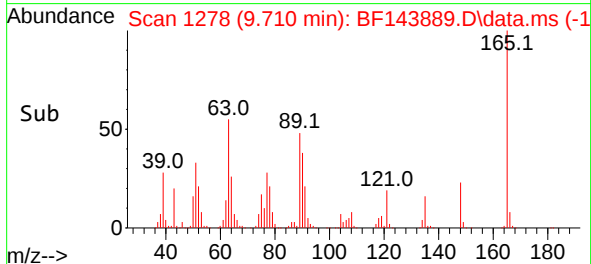
Instrument :
BNA_F
ClientSampleId :
PB170004BS



Tgt Ion:165 Resp: 183491
Ion Ratio Lower Upper
165 100
63 54.8 47.3 70.9
89 48.4 38.2 57.4

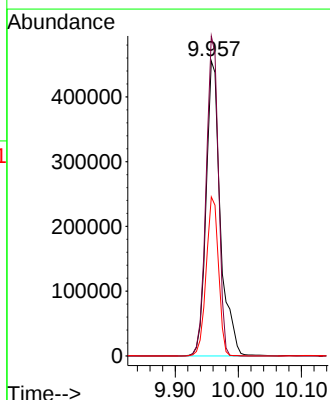
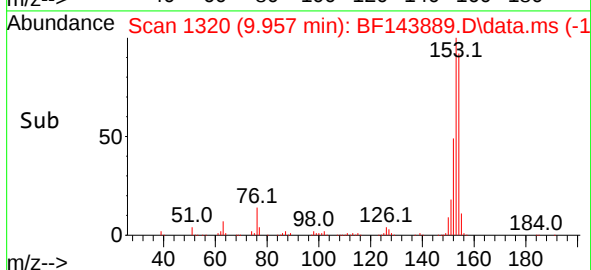
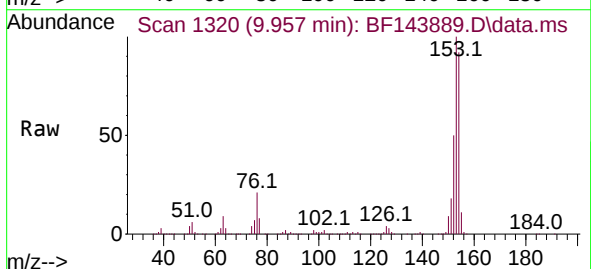
Manual Integrations
APPROVED

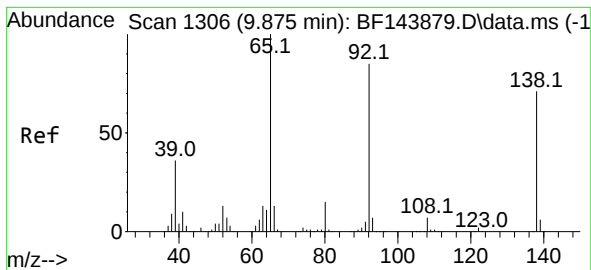
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#52
Acenaphthene
Concen: 45.803 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:154 Resp: 715891
Ion Ratio Lower Upper
154 100
153 108.5 89.3 133.9
152 53.9 42.2 63.2





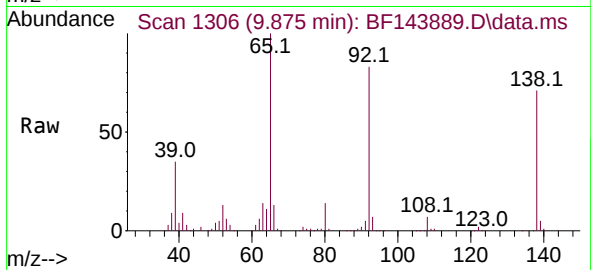
#53
3-Nitroaniline
Concen: 35.985 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



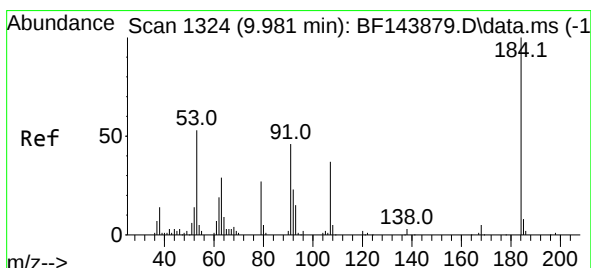
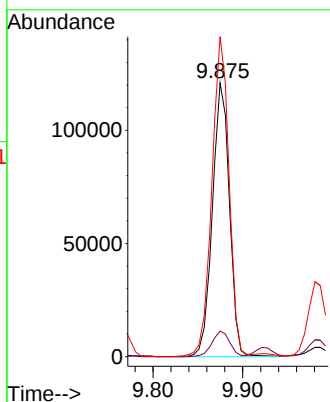
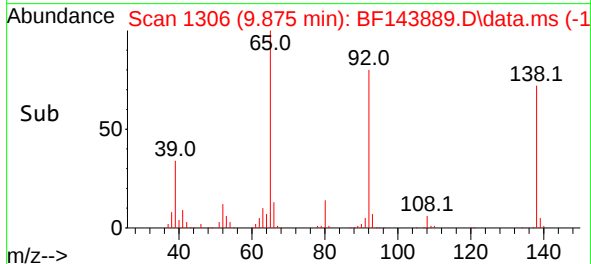
Tgt Ion:138 Resp: 15947
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 116.9 96.2 144.2

Manual Integrations

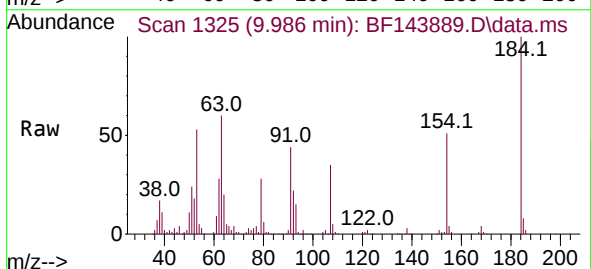
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

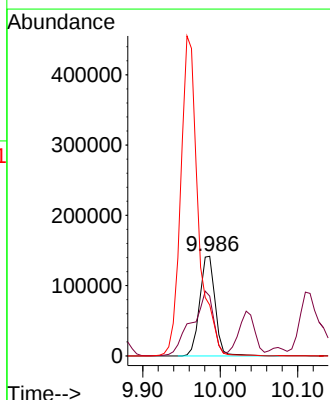
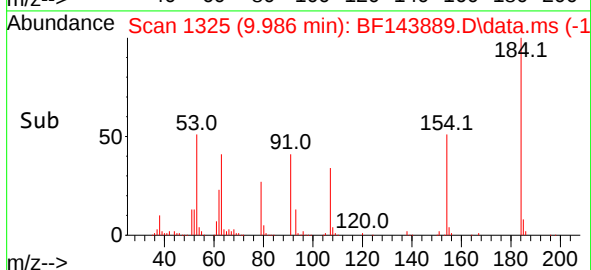
Supervised By :Jagrut Upadhyay 10/09/2025

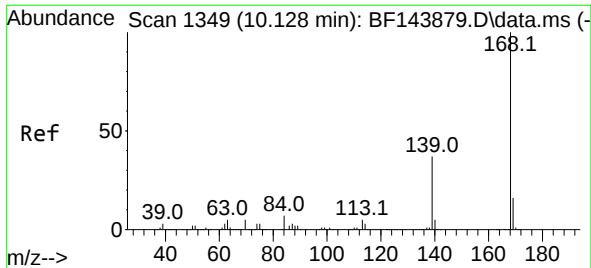


#54
2,4-Dinitrophenol
Concen: 87.130 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:184 Resp: 196031
Ion Ratio Lower Upper
184 100
63 60.0 48.2 72.4
154 51.0 49.2 73.8





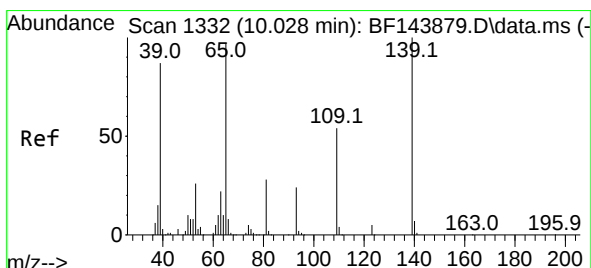
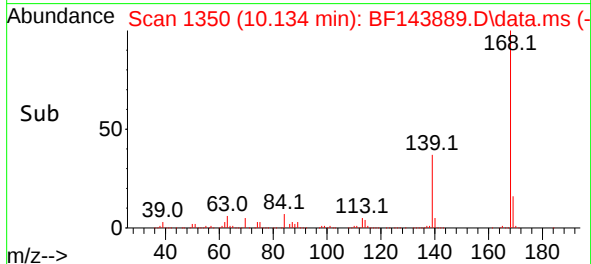
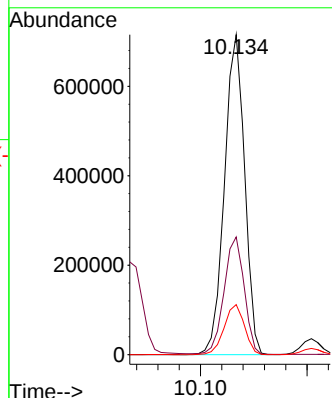
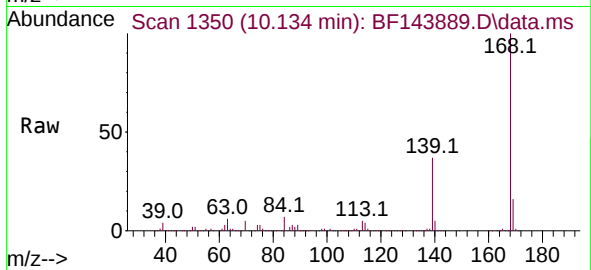
#55
Dibenzenofuran
Concen: 42.554 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion:168 Resp: 93888
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.8
169 15.6 12.8 19.2

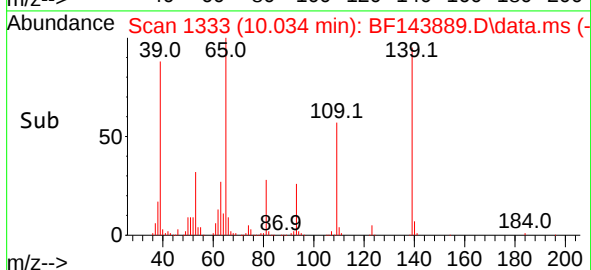
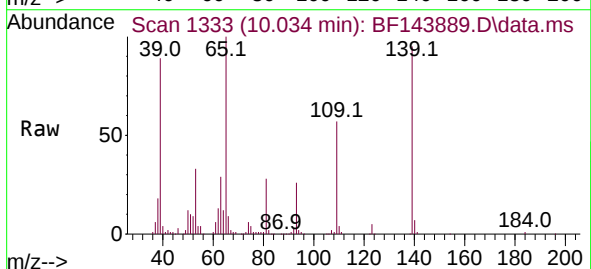
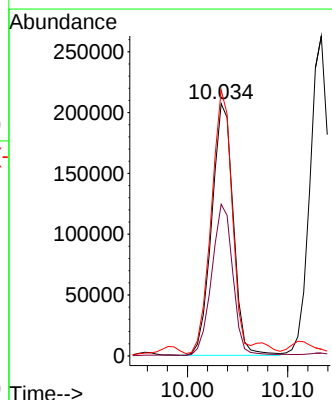
Manual Integrations
APPROVED

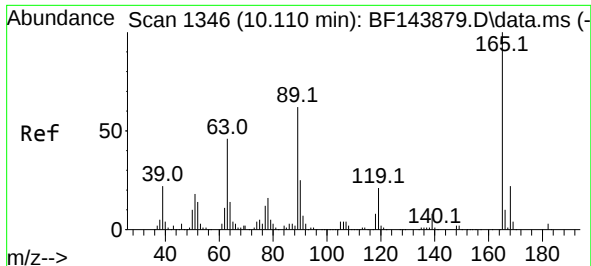
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#56
4-Nitrophenol
Concen: 91.977 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:139 Resp: 308628
Ion Ratio Lower Upper
139 100
109 60.1 34.5 74.5
65 105.4 77.6 117.6





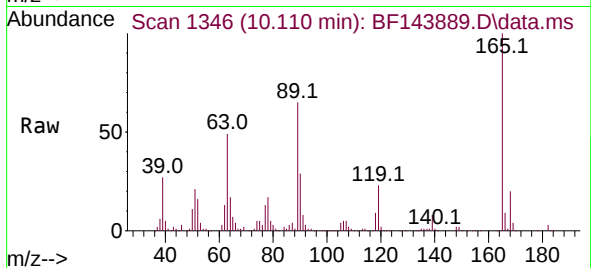
#57
2,4-Dinitrotoluene
Concen: 50.317 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



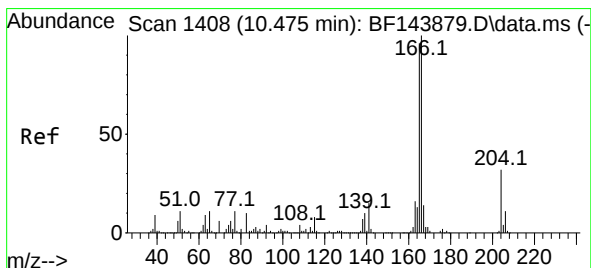
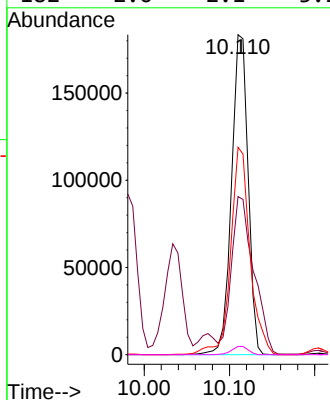
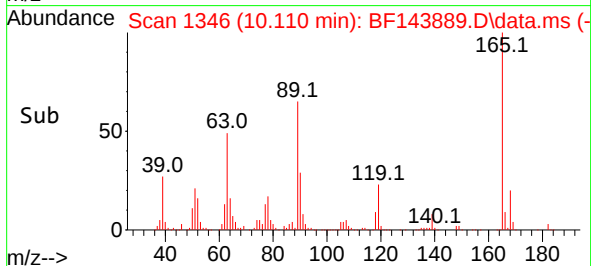
Tgt Ion:165 Resp: 247786
Ion Ratio Lower Upper
165 100
63 49.4 37.2 55.8
89 64.8 49.4 74.2
182 2.6 2.1 3.1

Manual Integrations

APPROVED

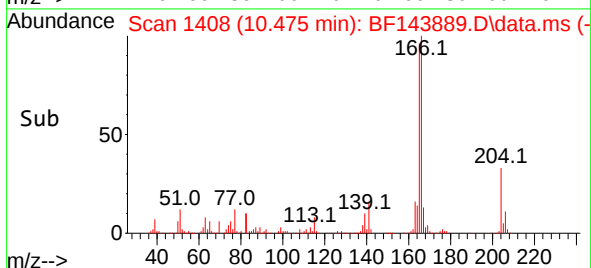
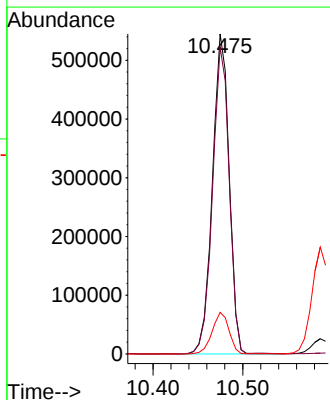
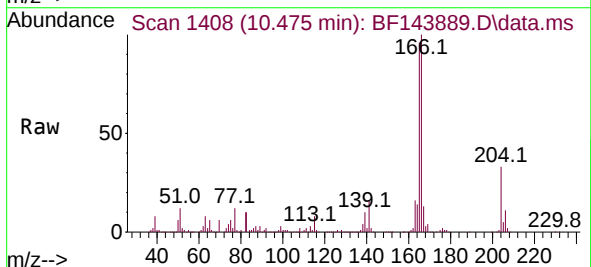
Reviewed By :Rahul Chavli 10/09/2025

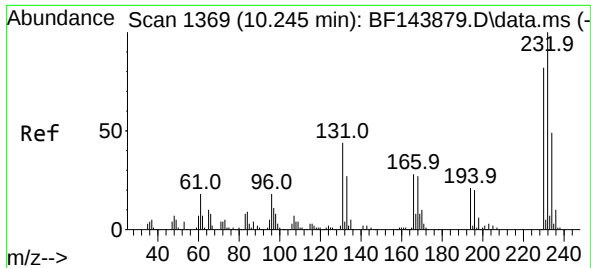
Supervised By :Jagrut Upadhyay 10/09/2025



#58
Fluorene
Concen: 42.701 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

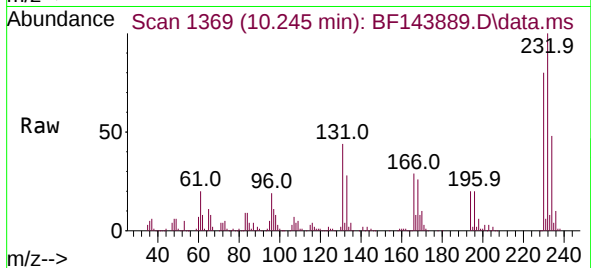
Tgt Ion:166 Resp: 710881
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.483 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

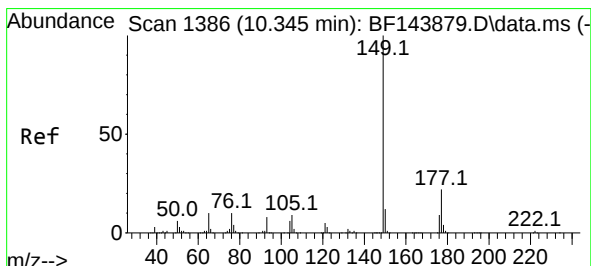
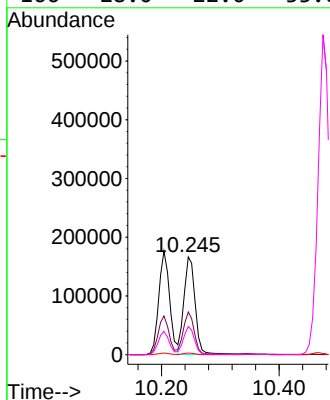
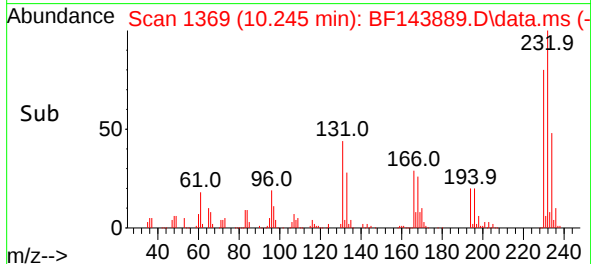
Instrument :
BNA_F
ClientSampleId :
PB170004BS



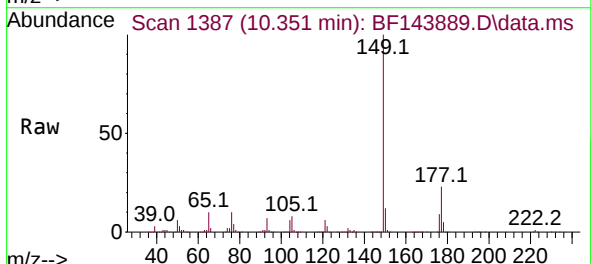
Tgt Ion:232 Resp: 220462
Ion Ratio Lower Upper
232 100
131 43.6 34.9 52.3
130 1.5 1.6 2.4
166 28.0 22.0 33.0

Manual Integrations
APPROVED

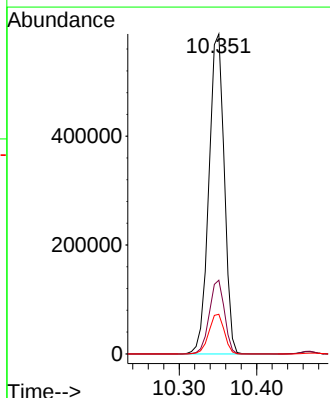
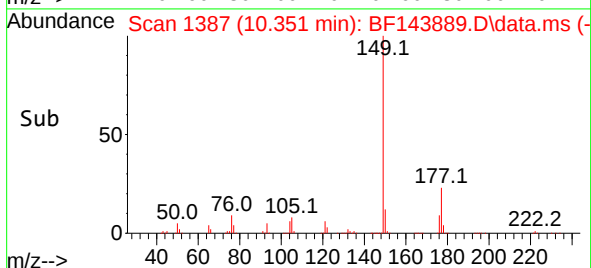
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

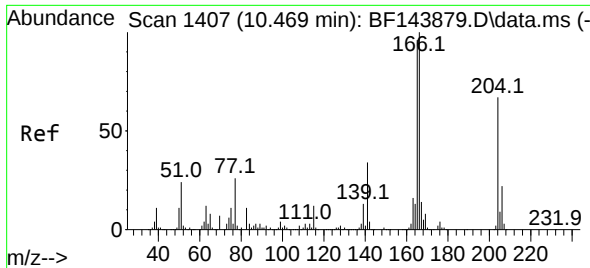


#60
Diethylphthalate
Concen: 44.624 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



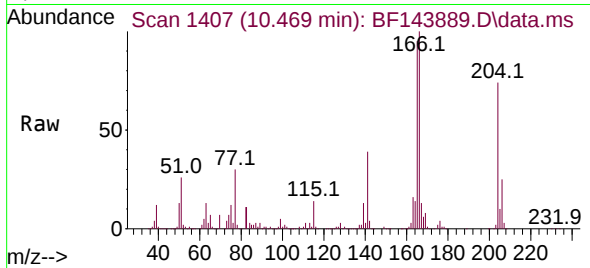
Tgt Ion:149 Resp: 809155
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.725 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

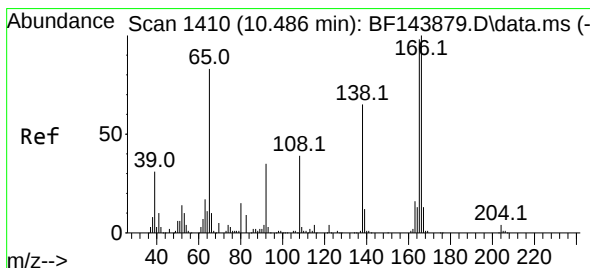
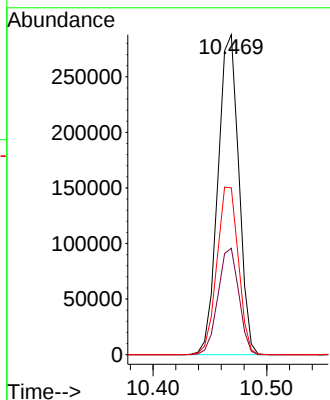
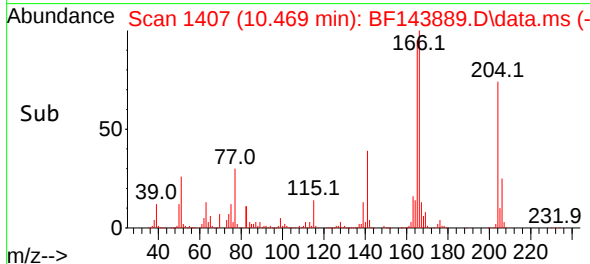
Instrument :
BNA_F
ClientSampleId :
PB170004BS



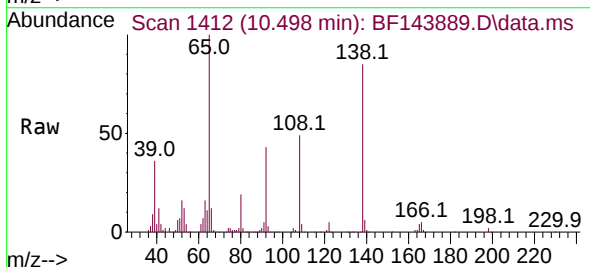
Tgt Ion:204 Resp: 367250
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 52.1 40.4 60.6

Manual Integrations
APPROVED

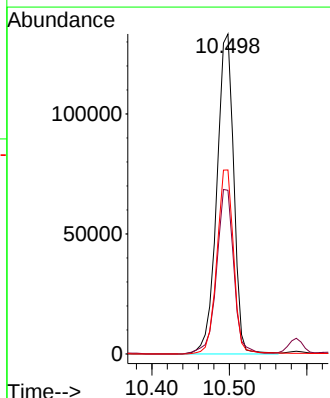
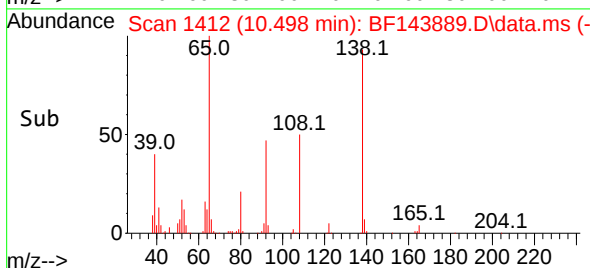
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

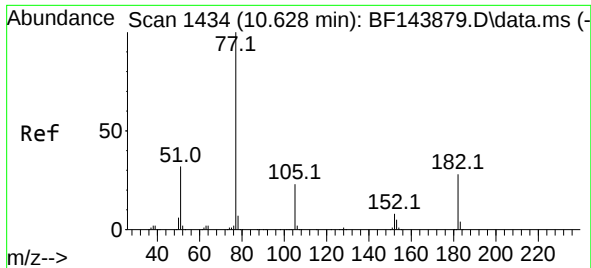


#62
4-Nitroaniline
Concen: 47.491 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:138 Resp: 202389
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 57.5 40.2 80.2





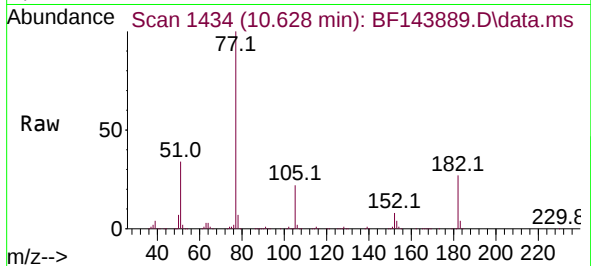
#63
Azobenzene
Concen: 45.042 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



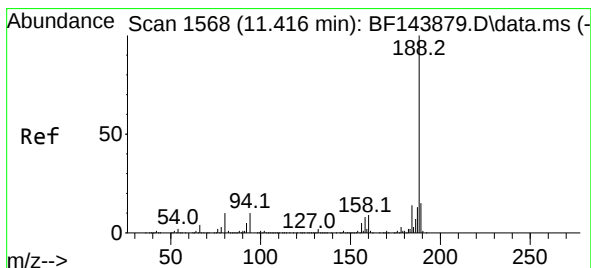
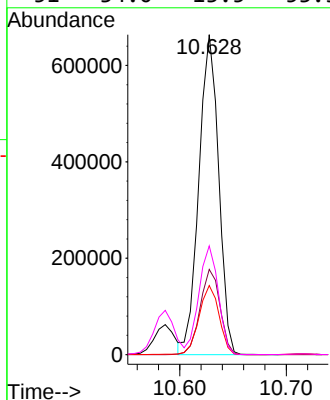
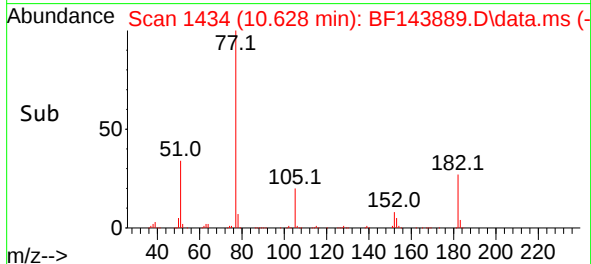
Tgt Ion: 77 Resp: 853607
Ion Ratio Lower Upper
77 100
182 26.6 7.3 47.3
105 21.6 3.0 43.0
51 34.0 13.5 53.5

Manual Integrations

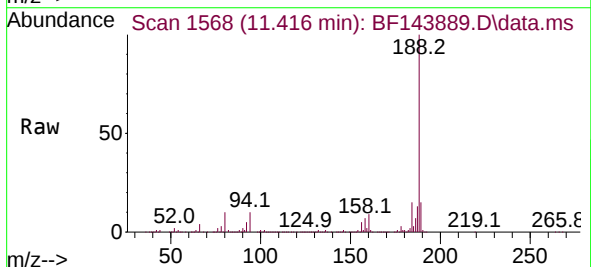
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

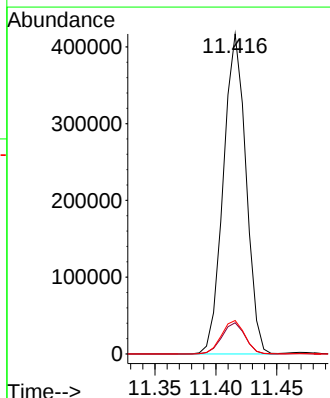
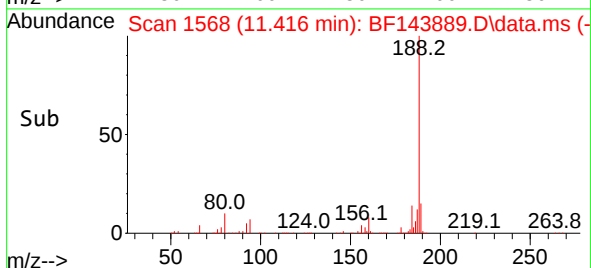
Supervised By :Jagrut Upadhyay 10/09/2025

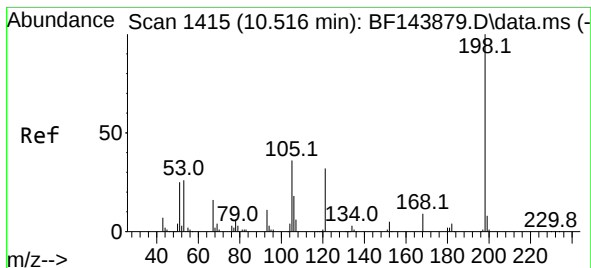


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:188 Resp: 538899
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.4 7.9 11.9





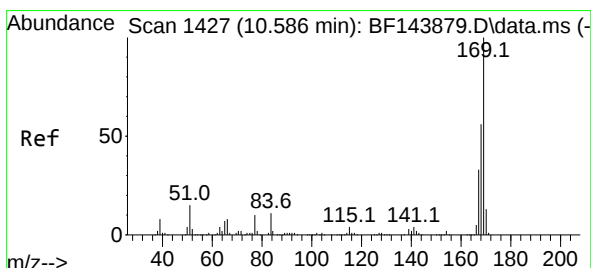
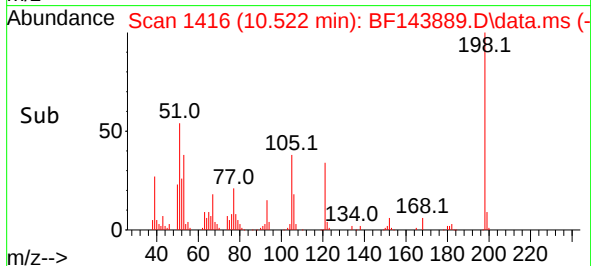
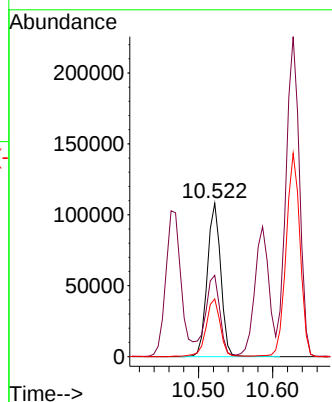
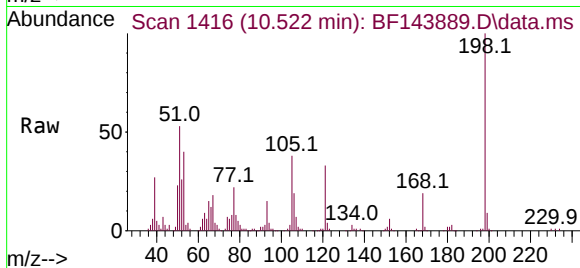
#65
4,6-Dinitro-2-methylphenol
Concen: 50.197 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :
BNA_F
ClientSampleId :
PB170004BS

Tgt Ion:198 Resp: 135938
Ion Ratio Lower Upper
198 100
51 53.0 33.8 73.8
105 37.7 17.0 57.0

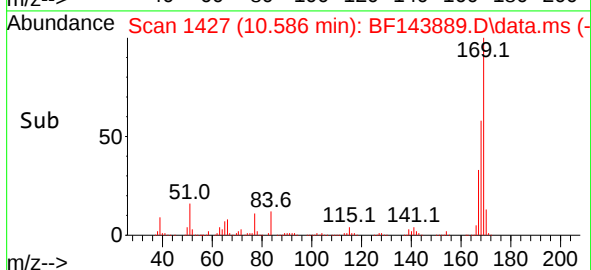
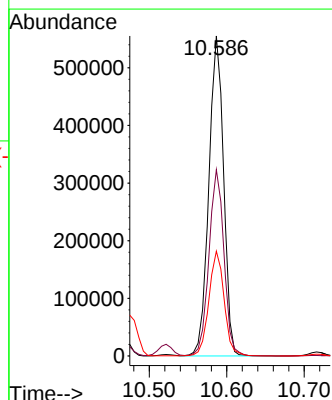
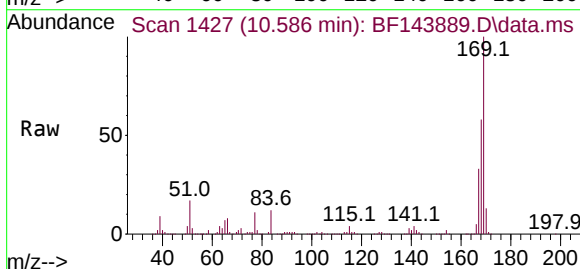
Manual Integrations
APPROVED

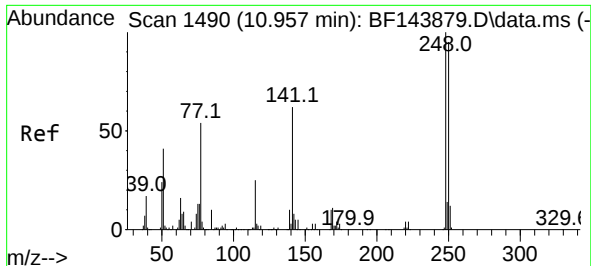
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#66
n-Nitrosodiphenylamine
Concen: 43.356 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

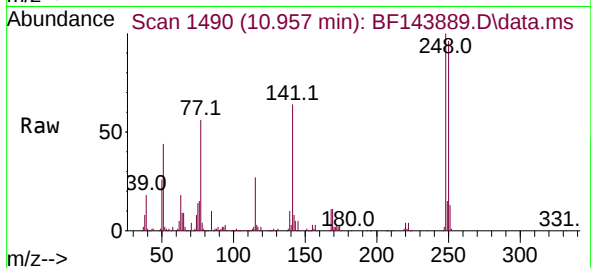
Tgt Ion:169 Resp: 733623
Ion Ratio Lower Upper
169 100
168 58.2 44.9 67.3
167 32.7 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 42.577 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

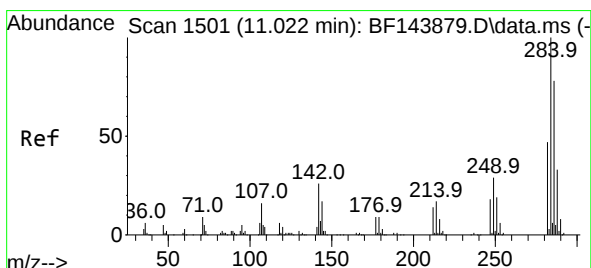
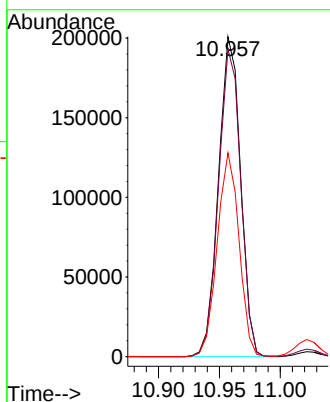
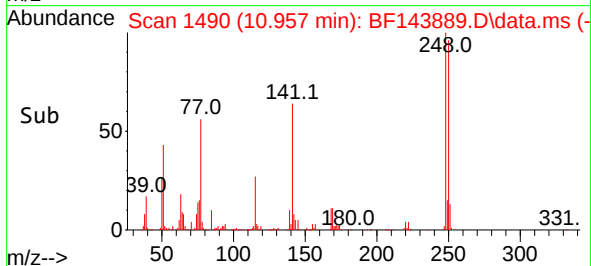
Instrument :
BNA_F
ClientSampleId :
PB170004BS



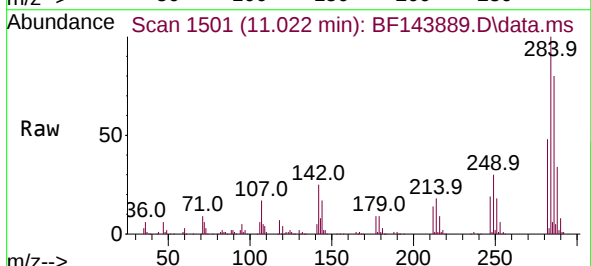
Tgt Ion:248 Resp: 253572
Ion Ratio Lower Upper
248 100
250 96.1 76.3 114.5
141 63.7 49.7 74.5

Manual Integrations
APPROVED

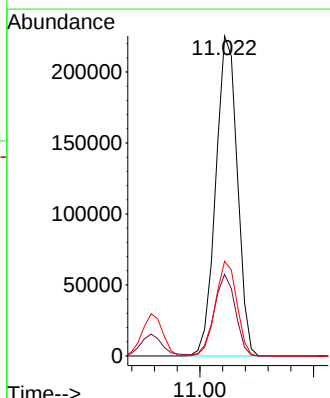
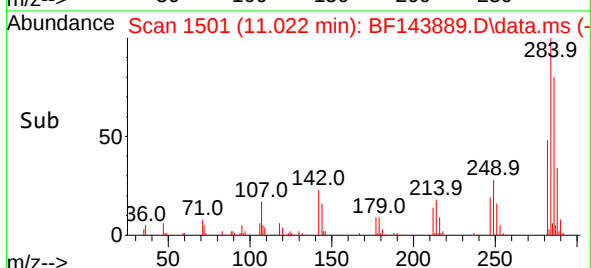
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

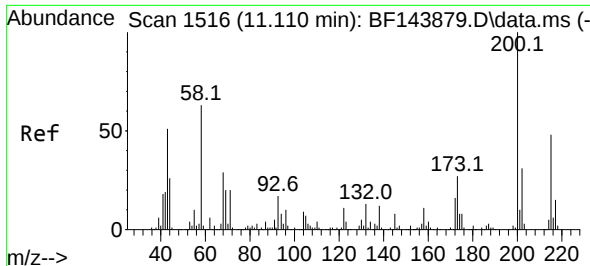


#68
Hexachlorobenzene
Concen: 42.981 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:284 Resp: 296351
Ion Ratio Lower Upper
284 100
142 25.5 20.6 30.8
249 29.6 23.2 34.8





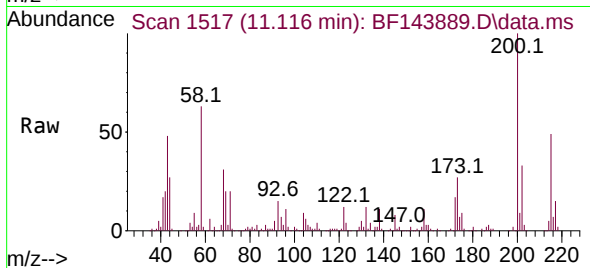
#69
Atrazine
Concen: 43.385 ng
RT: 11.116 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



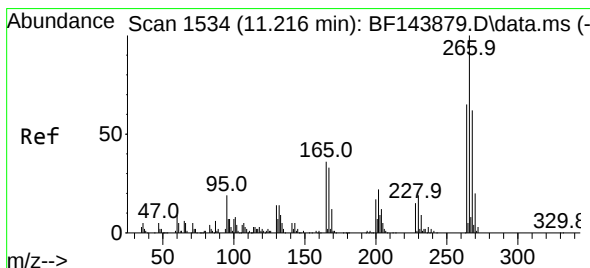
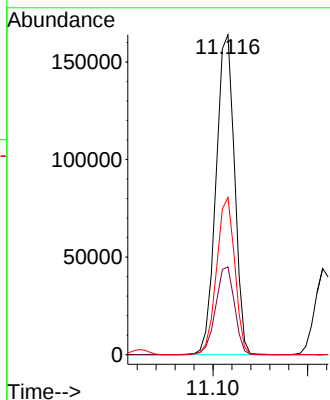
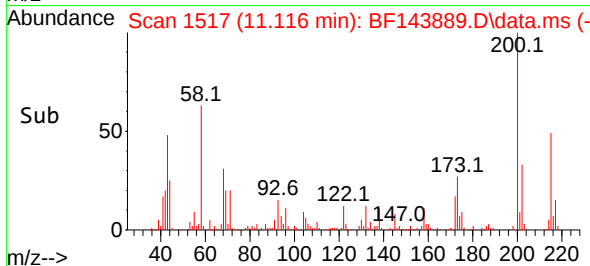
Tgt Ion:200 Resp: 222503
Ion Ratio Lower Upper
200 100
173 27.4 7.0 47.0
215 49.1 27.8 67.8

Manual Integrations

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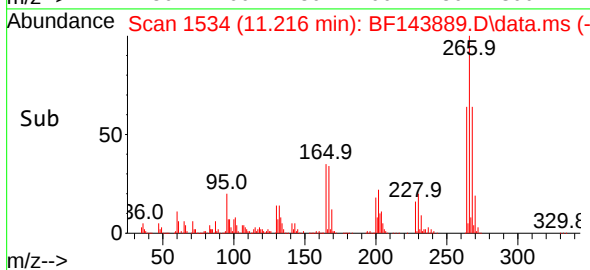
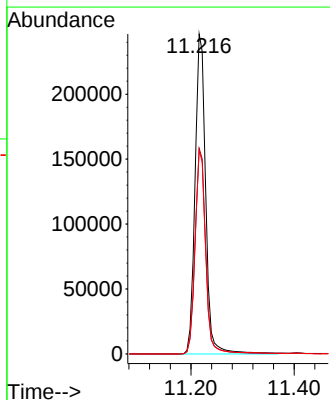
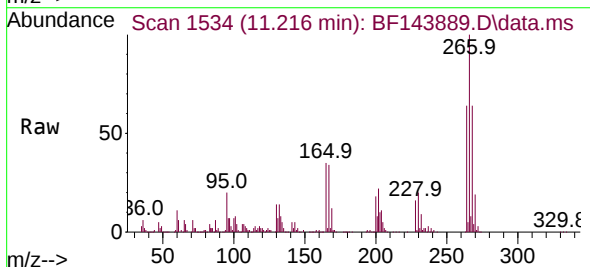
Reviewed By :Rahul Chavli 10/09/2025

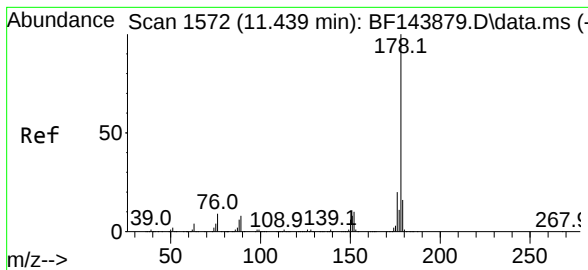
Supervised By :Jagrut Upadhyay 10/09/2025



#70
Pentachlorophenol
Concen: 88.576 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:266 Resp: 350758
Ion Ratio Lower Upper
266 100
268 64.2 49.4 74.0
264 63.8 51.8 77.6





#71
 Phenanthrene
 Concen: 43.318 ng
 RT: 11.439 min Scan# 1572
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

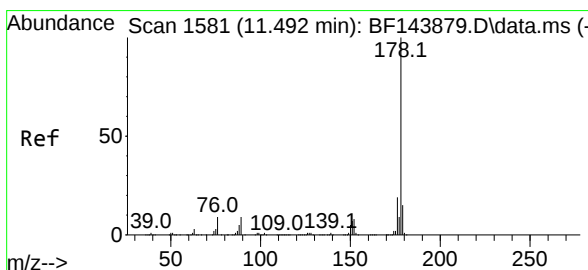
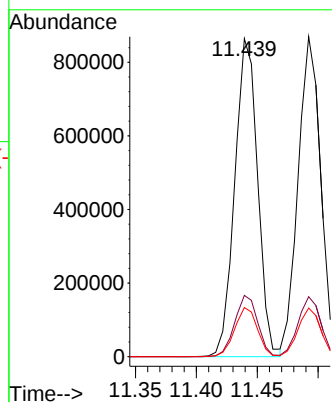
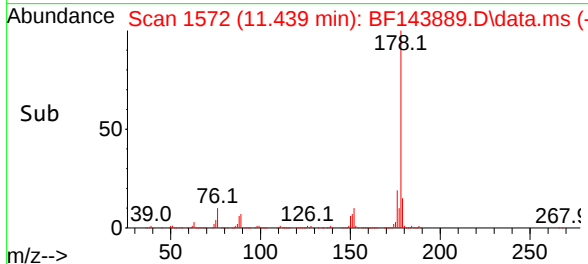
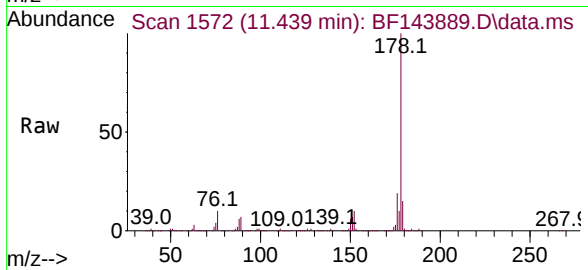
ClientSampleId :

PB170004BS

Tgt Ion:178 Resp: 1131728
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.4 12.4 18.6

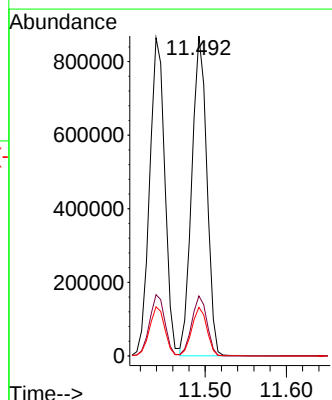
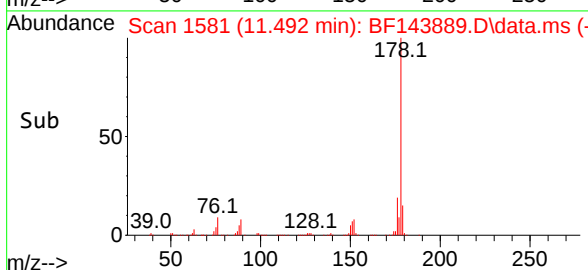
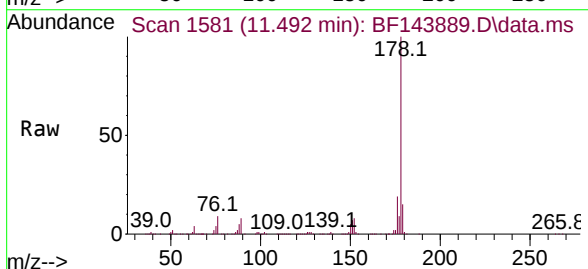
Manual Integrations
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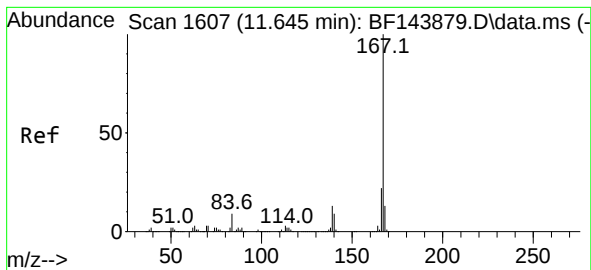
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025



#72
 Anthracene
 Concen: 42.276 ng
 RT: 11.492 min Scan# 1581
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11

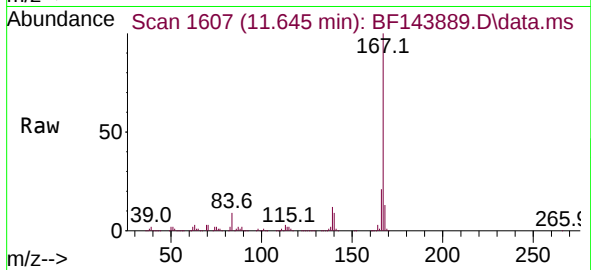
Tgt Ion:178 Resp: 1115824
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 44.566 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11

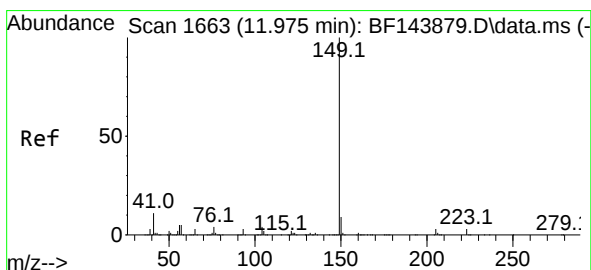
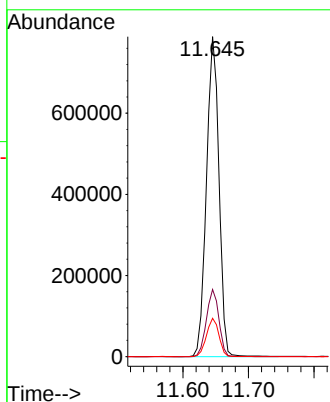
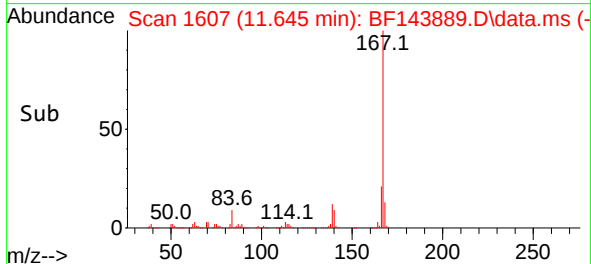
Instrument :
 BNA_F
 ClientSampleId :
 PB170004BS



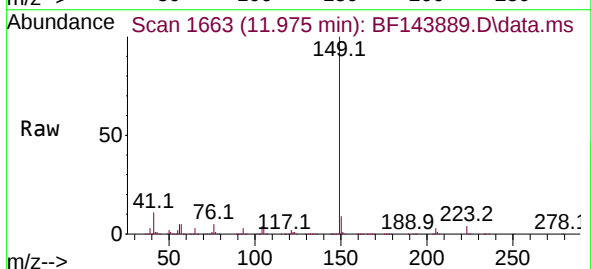
Tgt Ion:167 Resp: 1041769
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.0 10.1 15.1

Manual Integrations
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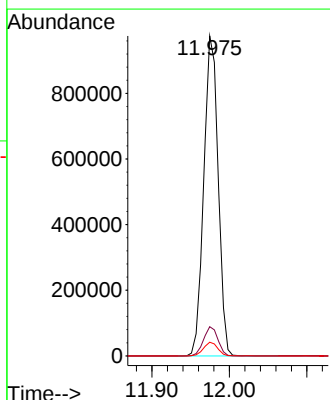
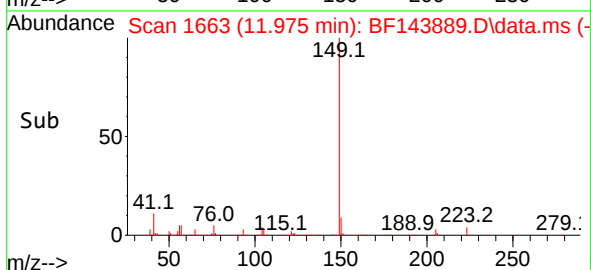
Reviewed By :Rahul Chavli 10/09/2025
 Supervised By :Jagrut Upadhyay 10/09/2025

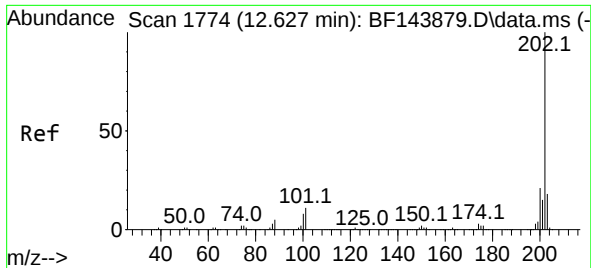


#74
 Di-n-butylphthalate
 Concen: 46.268 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11



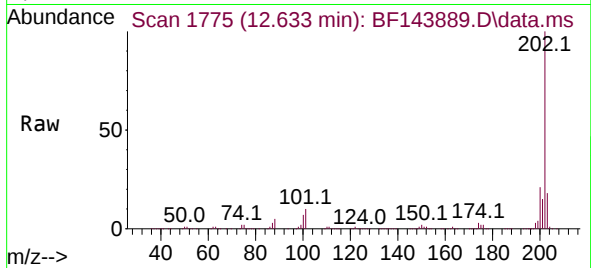
Tgt Ion:149 Resp: 1253498
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.3 3.4 5.2





#75
Fluoranthene
Concen: 44.423 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

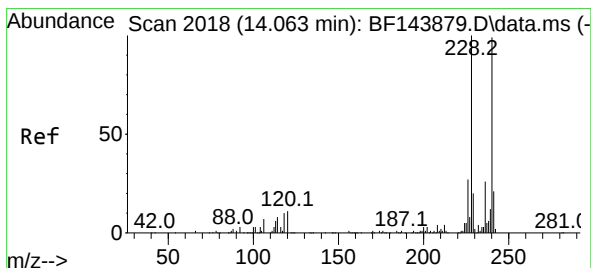
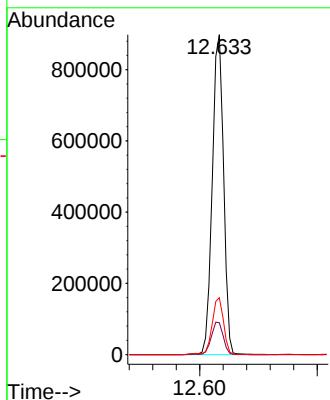
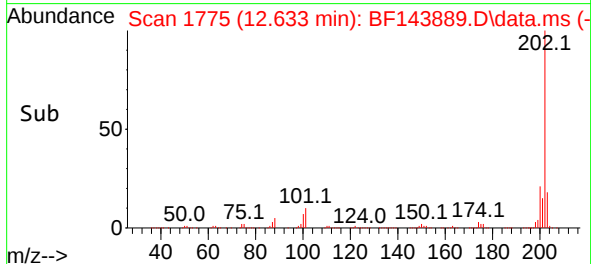
Instrument :
BNA_F
ClientSampleId :
PB170004BS



Tgt Ion:202 Resp: 1198802
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.8 0.0 37.8

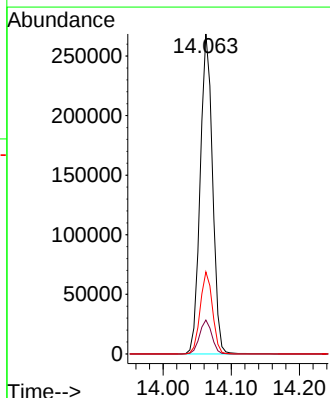
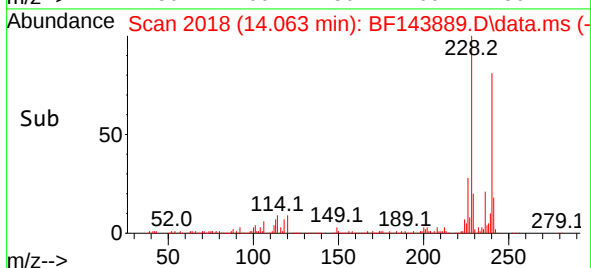
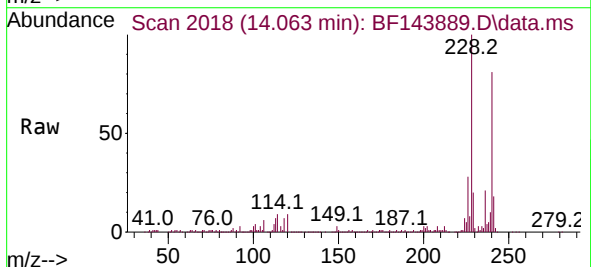
Manual Integrations
APPROVED

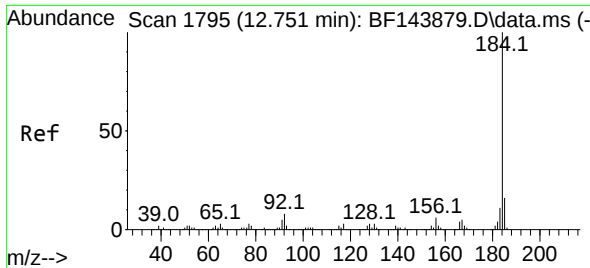
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

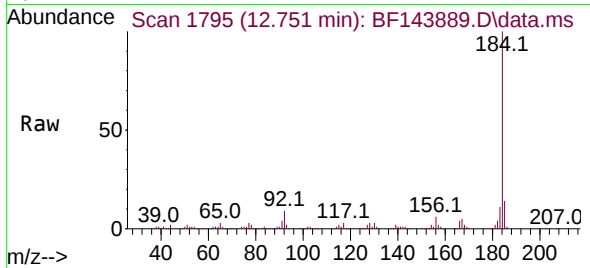
Tgt Ion:240 Resp: 338098
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.6 21.1 31.7





#77
Benzidine
Concen: 24.278 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

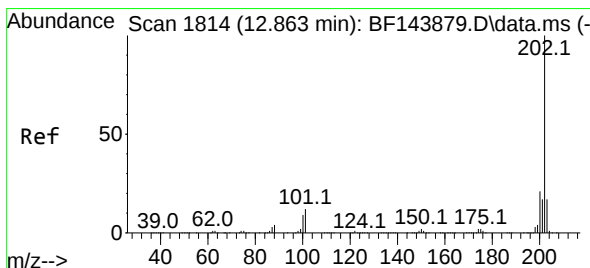
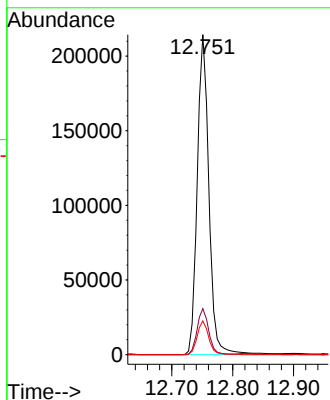
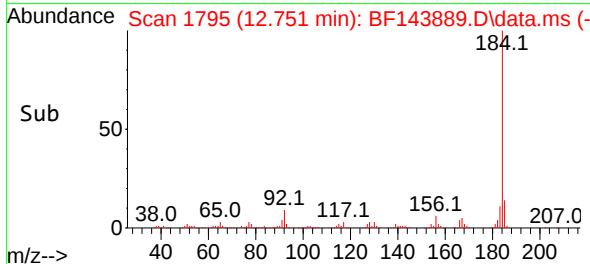
Instrument :
BNA_F
ClientSampleId :
PB170004BS



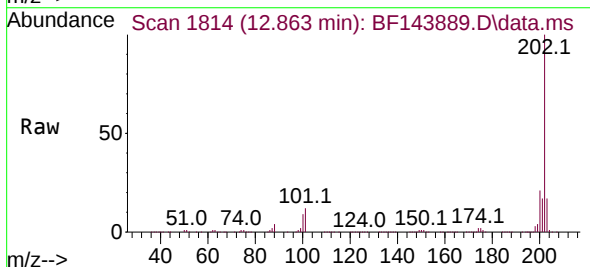
Tgt Ion:184 Resp: 285009
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.5 8.8 13.2

Manual Integrations
APPROVED

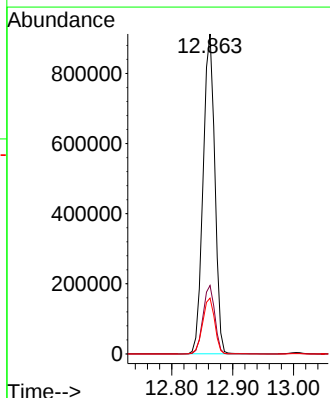
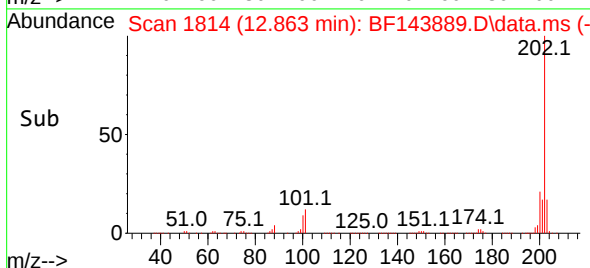
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

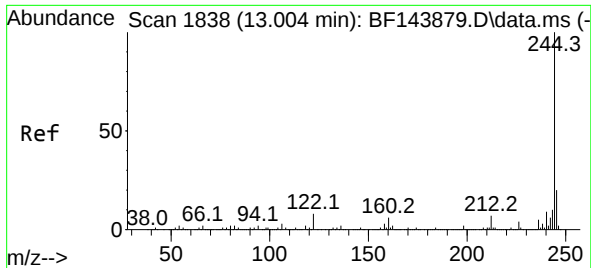


#78
Pyrene
Concen: 43.163 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:202 Resp: 1216634
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.4 13.8 20.6





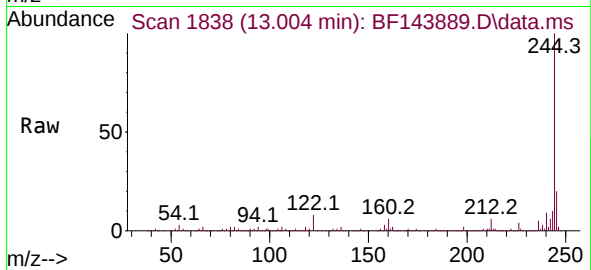
#79
 Terphenyl-d14
 Concen: 84.927 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



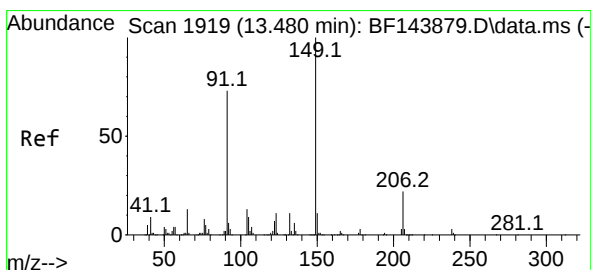
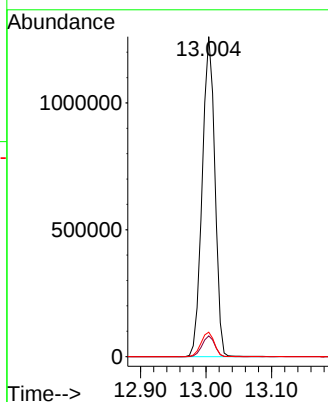
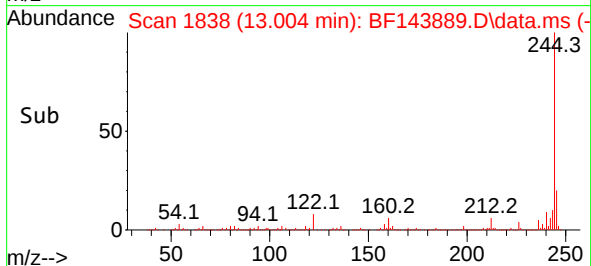
Tgt Ion:244 Resp: 1680066
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.6 6.4 9.6

Manual Integrations

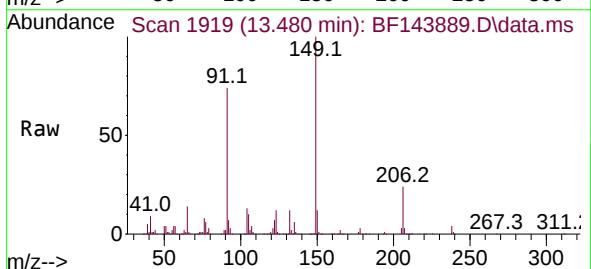
APPROVED

Reviewed By :Rahul Chavli 10/09/2025

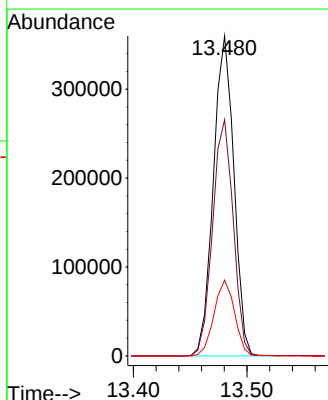
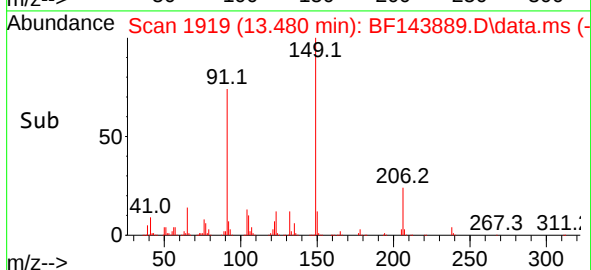
Supervised By :Jagrut Upadhyay 10/09/2025

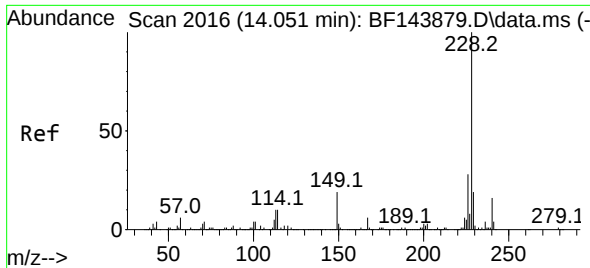


#80
 Butylbenzylphthalate
 Concen: 49.306 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143889.D
 Acq: 08 Oct 2025 11:11



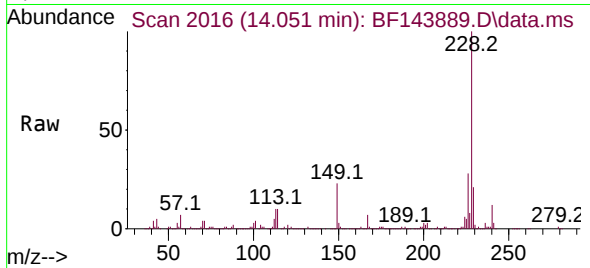
Tgt Ion:149 Resp: 451351
 Ion Ratio Lower Upper
 149 100
 91 73.8 58.2 87.2
 206 23.7 17.9 26.9





#81
Benzo(a)anthracene
Concen: 43.174 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

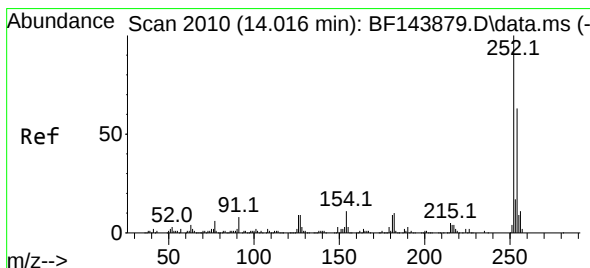
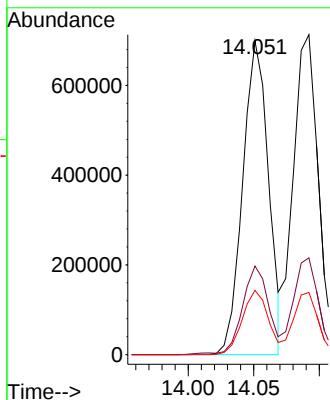
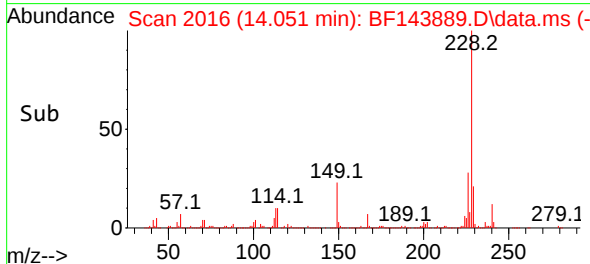
Instrument :
BNA_F
Client SampleId :
PB170004BS



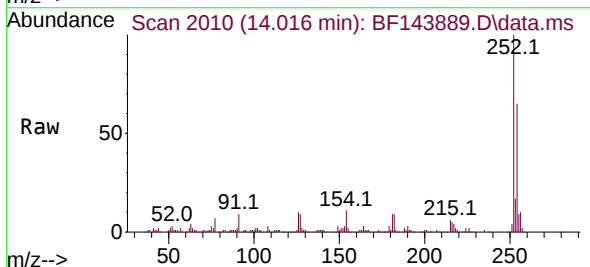
Tgt Ion:228 Resp: 955235
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 20.5 15.6 23.4

Manual Integrations
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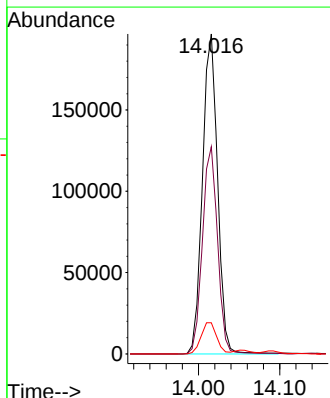
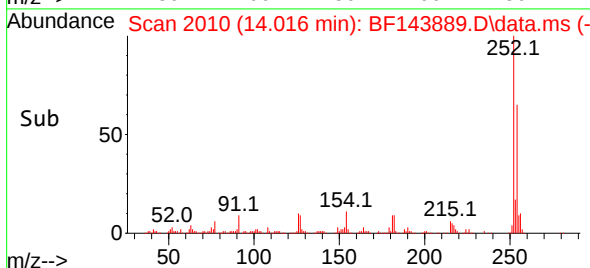
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

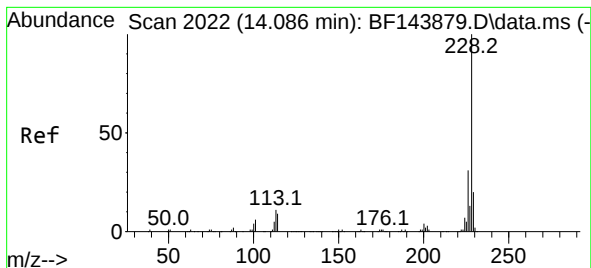


#82
3,3'-Dichlorobenzidine
Concen: 37.820 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:252 Resp: 255006
Ion Ratio Lower Upper
252 100
254 64.7 50.6 76.0
126 9.7 7.0 10.6





#83

Chrysene

Concen: 45.896 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS

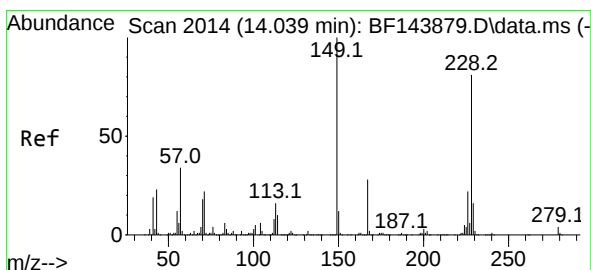
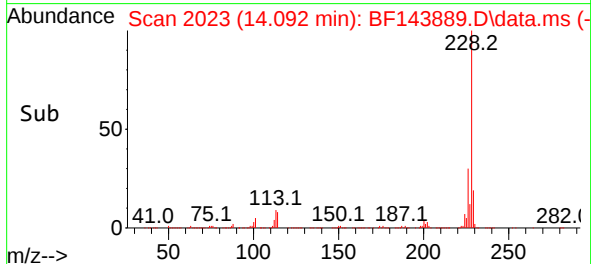
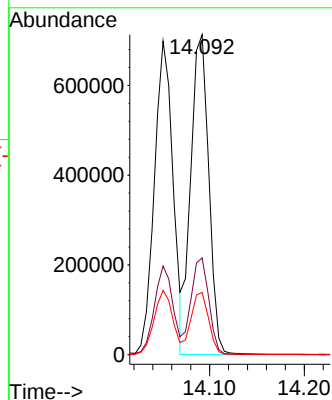
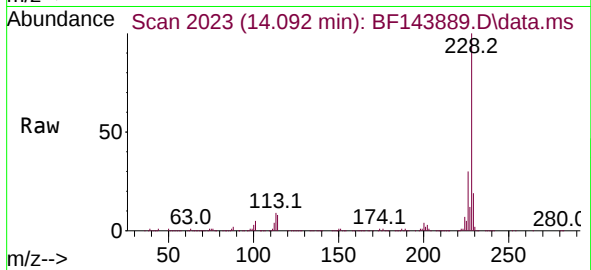
Tgt Ion:	228	Resp:	939834
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.286 ng

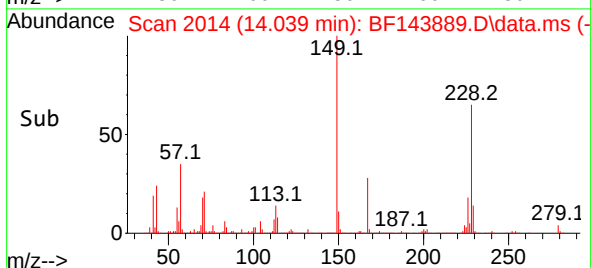
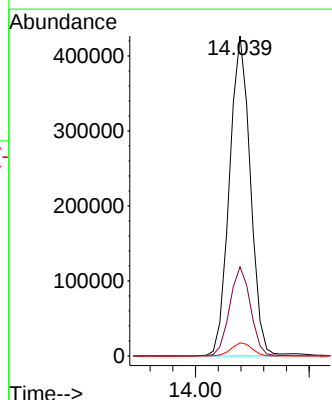
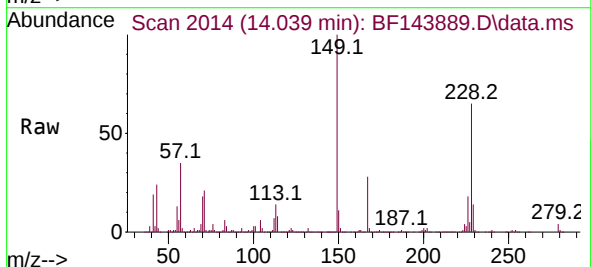
RT: 14.039 min Scan# 2014

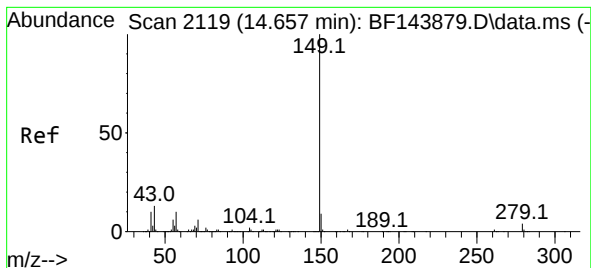
Delta R.T. 0.000 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

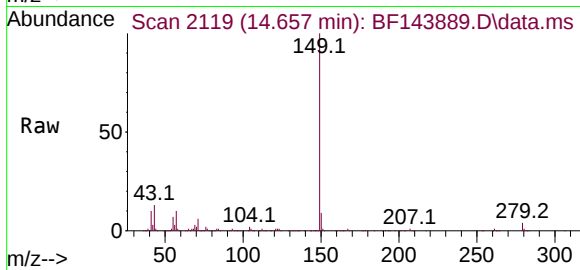
Tgt Ion:	149	Resp:	543866
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.2	33.4
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 47.516 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

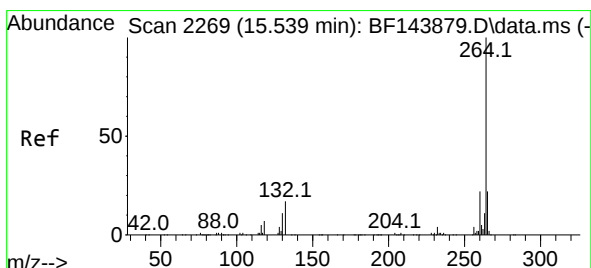
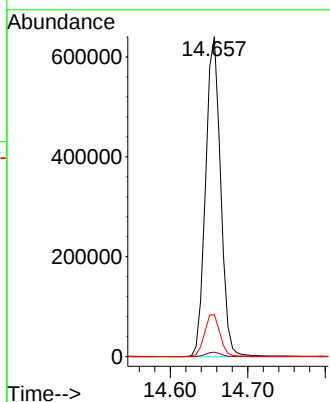
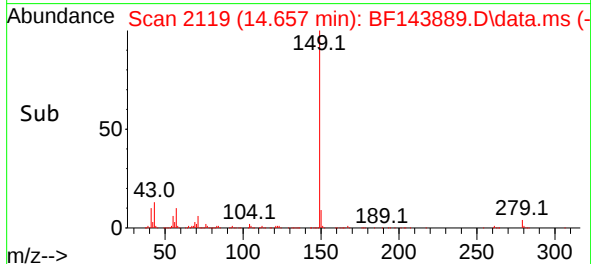
Instrument :
BNA_F
ClientSampleId :
PB170004BS



Tgt Ion:149 Resp: 861193
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.6 11.0 16.4

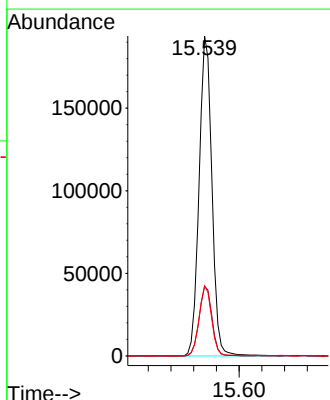
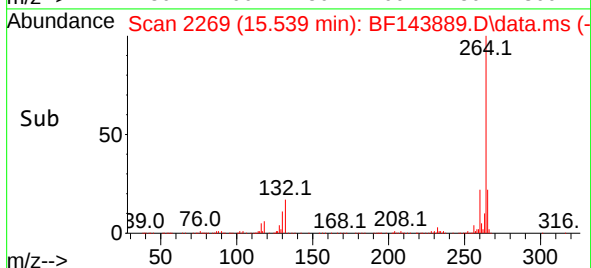
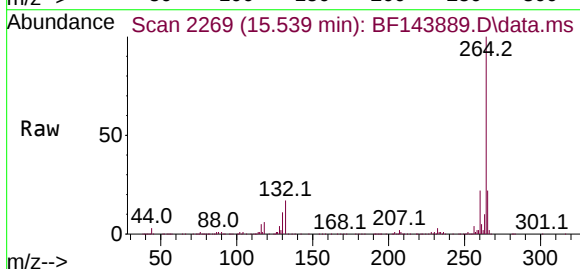
Manual Integrations
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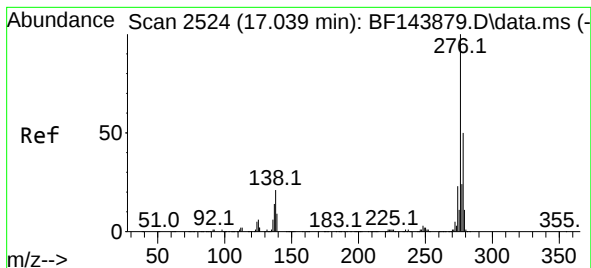
Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

Tgt Ion:264 Resp: 302351
Ion Ratio Lower Upper
264 100
260 21.8 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.256 ng

RT: 17.039 min Scan# 2196

Delta R.T. -0.017 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS

Tgt Ion:276 Resp: 856949

Ion Ratio Lower Upper

276 100

138 24.0 18.2 27.2

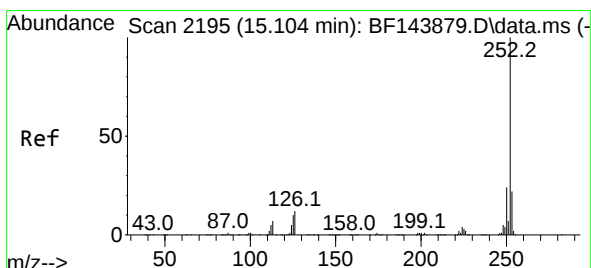
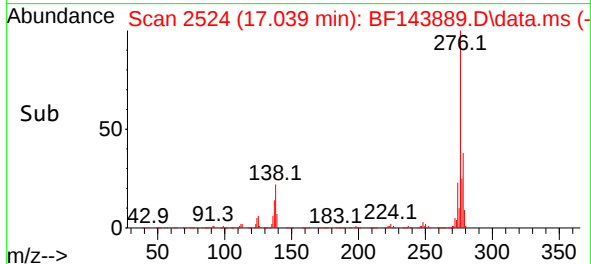
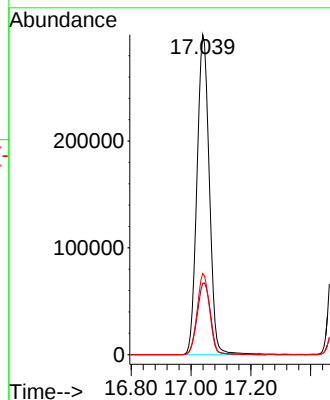
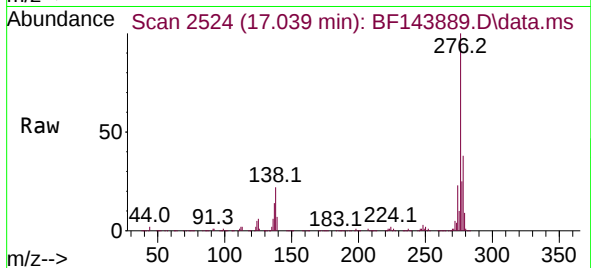
277 25.5 19.8 29.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#88

Benzo(b)fluoranthene

Concen: 48.104 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

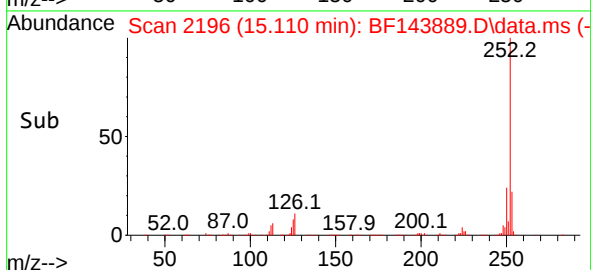
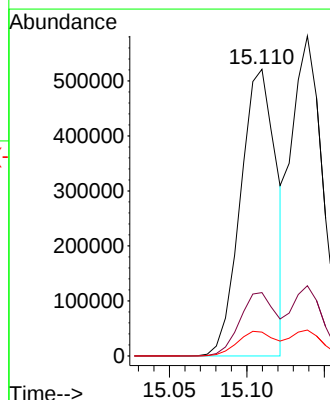
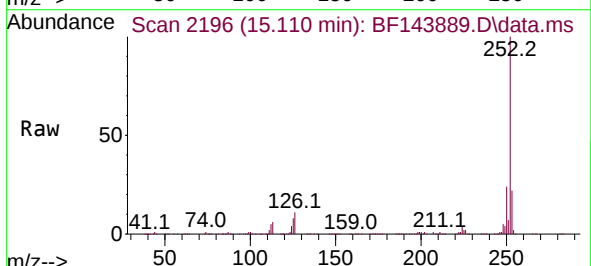
Tgt Ion:252 Resp: 835470

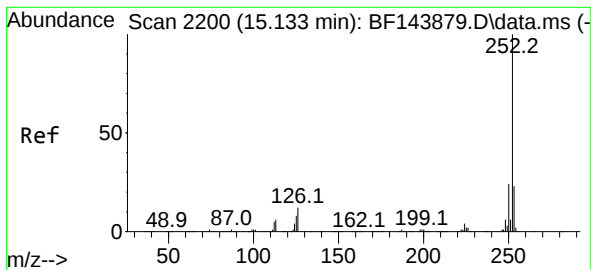
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.194 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143889.D

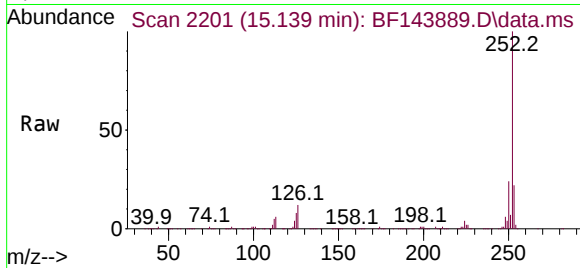
Acq: 08 Oct 2025 11:11

Instrument :

BNA_F

ClientSampleId :

PB170004BS



Tgt Ion:252 Resp: 806662

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

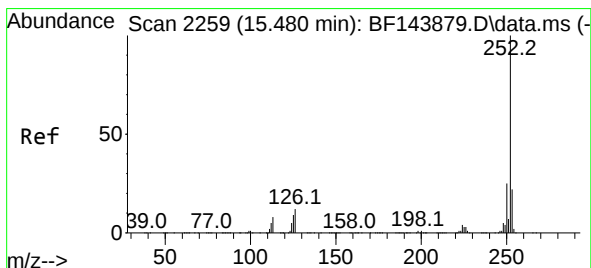
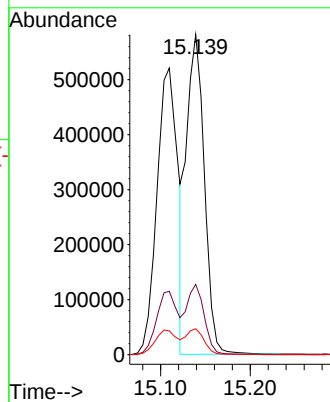
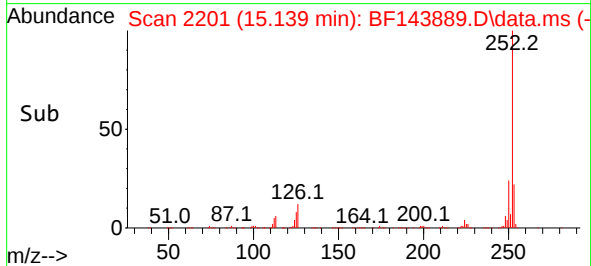
125 8.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/09/2025

Supervised By :Jagrut Upadhyay 10/09/2025



#90

Benzo(a)pyrene

Concen: 50.377 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143889.D

Acq: 08 Oct 2025 11:11

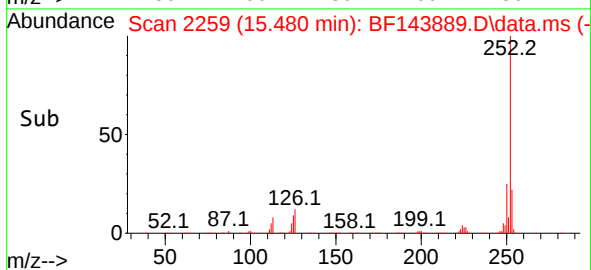
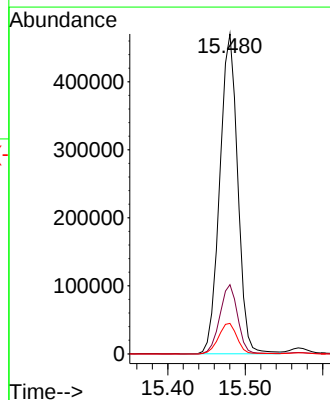
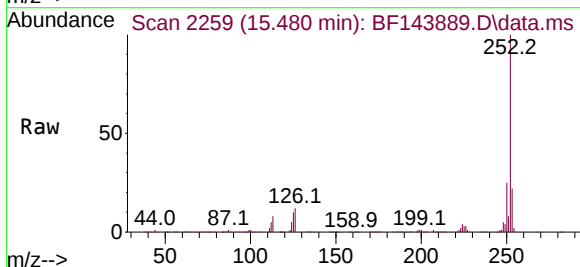
Tgt Ion:252 Resp: 758672

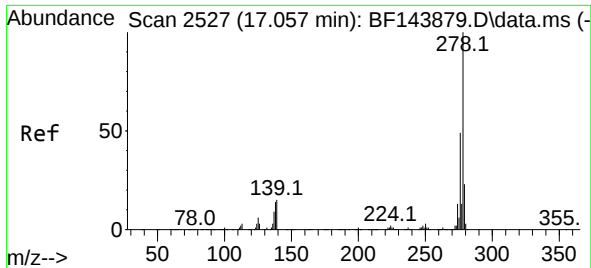
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

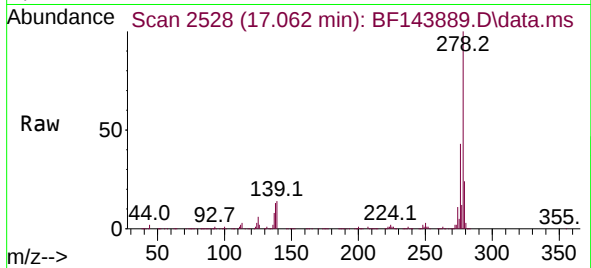
125 9.5 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 48.451 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.017 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11

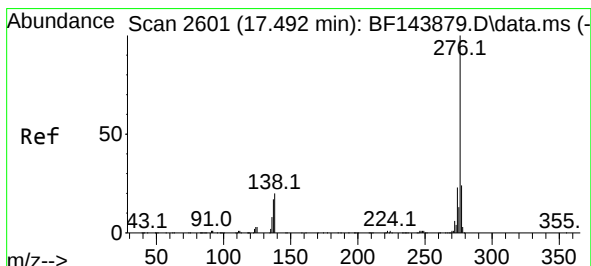
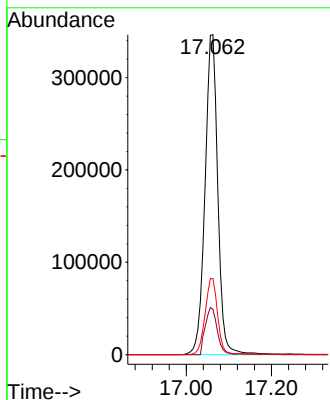
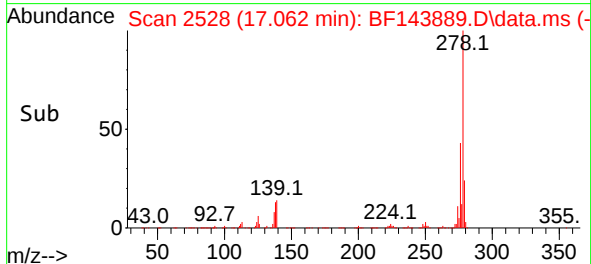
Instrument :
BNA_F
ClientSampleId :
PB170004BS



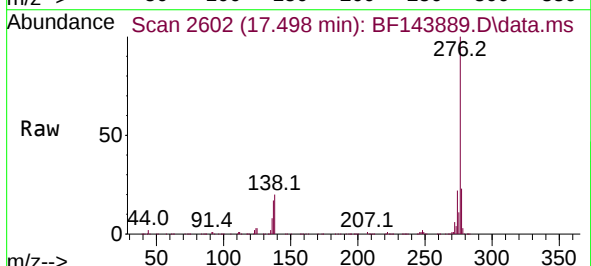
Tgt Ion:278 Resp: 721923
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 23.7 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025



#92
Benzo(g,h,i)perylene
Concen: 49.254 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.017 min
Lab File: BF143889.D
Acq: 08 Oct 2025 11:11



Tgt Ion:276 Resp: 733897
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 19.9 16.1 24.1

