

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143885.D
 Acq On : 06 Oct 2025 17:07
 Operator : RC/JU
 Sample : PB169953BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 17:30:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138065	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	522705	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	295739	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	498077	20.000	ng	0.00
76) Chrysene-d12	14.063	240	313084	20.000	ng	0.00
86) Perylene-d12	15.539	264	313555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1088495	125.196	ng	0.01
7) Phenol-d6	6.510	99	1316153	127.002	ng	0.00
23) Nitrobenzene-d5	7.445	82	829783	96.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	423842	143.889	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1567898	84.123	ng	0.00
79) Terphenyl-d14	13.004	244	1714207	93.576	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	150049	37.295	ng	99
3) Pyridine	3.510	79	445868	38.068	ng	99
4) n-Nitrosodimethylamine	3.457	42	284376	46.155	ng	96
6) Aniline	6.545	93	589833	37.982	ng	99
8) 2-Chlorophenol	6.669	128	379575	44.663	ng	98
9) Benzaldehyde	6.434	77	242333	30.313	ng	98
10) Phenol	6.522	94	546780	44.132	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	408357	42.668	ng	97
12) 1,3-Dichlorobenzene	6.822	146	433171	42.580	ng	100
13) 1,4-Dichlorobenzene	6.898	146	440977	43.944	ng	100
14) 1,2-Dichlorobenzene	7.051	146	439315	45.706	ng	99
15) Benzyl Alcohol	7.022	79	370511	47.717	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	967006	44.388	ng	99
17) 2-Methylphenol	7.128	107	313867	44.687	ng	99
18) Hexachloroethane	7.398	117	147805	44.166	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	303088	42.727	ng	99
20) 3+4-Methylphenols	7.287	107	354418	43.539	ng	# 75
22) Acetophenone	7.292	105	540309	48.887	ng	98
24) Nitrobenzene	7.463	77	440981	46.155	ng	99
25) Isophorone	7.704	82	816037	44.983	ng	97
26) 2-Nitrophenol	7.781	139	211073	51.529	ng	97
27) 2,4-Dimethylphenol	7.816	122	372785	50.591	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	517550	45.164	ng	99
29) 2,4-Dichlorophenol	8.022	162	352022	45.864	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	348246	46.134	ng	98
31) Naphthalene	8.187	128	1049781	44.150	ng	99
32) Benzoic acid	7.939	122	285451m	55.975	ng	
33) 4-Chloroaniline	8.234	127	303862	34.074	ng	99
34) Hexachlorobutadiene	8.304	225	232707	44.363	ng	99
35) Caprolactam	8.604	113	115943m	47.509	ng	
36) 4-Chloro-3-methylphenol	8.716	107	332260	45.066	ng	98
37) 2-Methylnaphthalene	8.881	142	651592	41.139	ng	100
38) 1-Methylnaphthalene	8.981	142	661222	43.039	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	375042	45.883	ng	99
41) Hexachlorocyclopentadiene	9.034	237	407831	120.269	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	267031	44.712	ng	97

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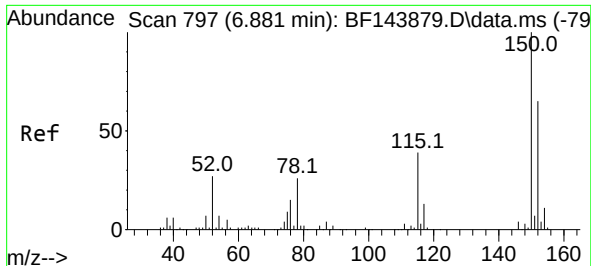
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	274230	43.451	ng	97
46) 1,1'-Biphenyl	9.345	154	914739	46.717	ng	99
47) 2-Chloronaphthalene	9.369	162	699586	42.852	ng	98
48) 2-Nitroaniline	9.463	65	242193	46.924	ng	98
49) Acenaphthylene	9.786	152	1106824	48.225	ng	100
50) Dimethylphthalate	9.645	163	829296	44.157	ng	100
51) 2,6-Dinitrotoluene	9.710	165	178155	51.157	ng	97
52) Acenaphthene	9.957	154	689742	45.864	ng	99
53) 3-Nitroaniline	9.875	138	160994	37.755	ng	98
54) 2,4-Dinitrophenol	9.981	184	180135	83.522	ng	97
55) Dibenzofuran	10.133	168	909673	42.850	ng	100
56) 4-Nitrophenol	10.033	139	297735	92.216	ng	95
57) 2,4-Dinitrotoluene	10.110	165	241007	50.862	ng	96
58) Fluorene	10.475	166	693425	43.288	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	204087	45.681	ng	98
60) Diethylphthalate	10.351	149	769993	44.132	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	357762	42.243	ng	98
62) 4-Nitroaniline	10.492	138	190797	46.530	ng	98
63) Azobenzene	10.628	77	821005	45.024	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	123750	49.441	ng	98
66) n-Nitrosodiphenylamine	10.586	169	706524	45.177	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	243510	44.238	ng	97
68) Hexachlorobenzene	11.022	284	285555	44.810	ng	99
69) Atrazine	11.116	200	228736	48.255	ng	99
70) Pentachlorophenol	11.216	266	318924	87.138	ng	98
71) Phenanthrene	11.439	178	1065408	44.122	ng	99
72) Anthracene	11.492	178	1089814	44.675	ng	100
73) Carbazole	11.645	167	981566	45.432	ng	99
74) Di-n-butylphthalate	11.975	149	1177984	47.045	ng	99
75) Fluoranthene	12.633	202	1137528	45.607	ng	98
77) Benzidine	12.751	184	545801	50.207	ng	98
78) Pyrene	12.863	202	1160821	44.473	ng	100
80) Butylbenzylphthalate	13.480	149	420214	49.572	ng	99
81) Benzo(a)anthracene	14.051	228	902828	44.065	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	216473	34.670	ng	98
83) Chrysene	14.092	228	867498	45.748	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	507223	49.638	ng	100
85) Di-n-octyl phthalate	14.657	149	804918	47.960	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	826525	43.019	ng	98
88) Benzo(b)fluoranthene	15.110	252	803754	44.624	ng	98
89) Benzo(k)fluoranthene	15.139	252	769528	46.172	ng	99
90) Benzo(a)pyrene	15.480	252	737762	47.239	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	678186	43.889	ng	99
92) Benzo(g,h,i)perylene	17.492	276	690608	44.693	ng	98

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



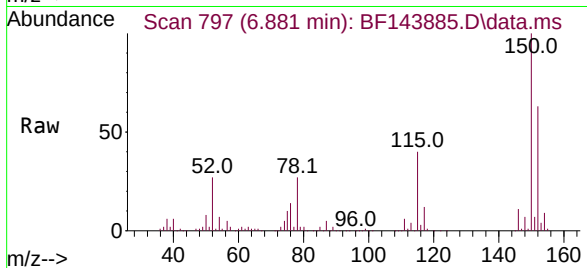
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

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PB169953BS



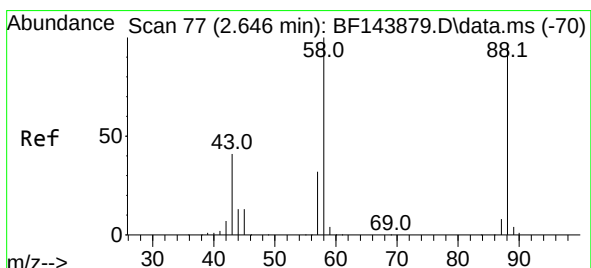
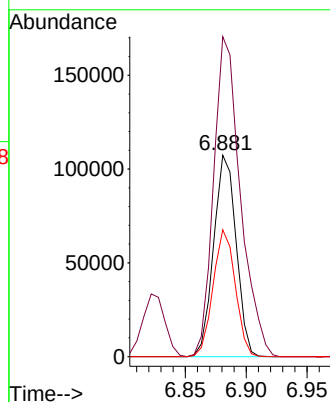
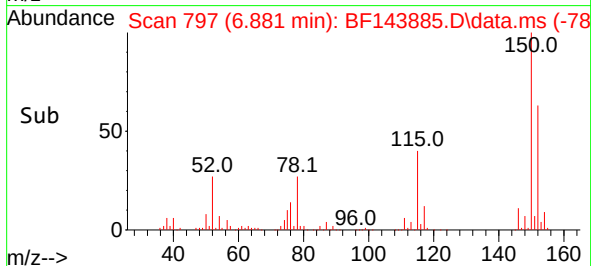
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Ion Ratio Lower Upper
152 100
150 159.0 124.4 186.6
115 63.0 48.1 72.1

Manual Integrations

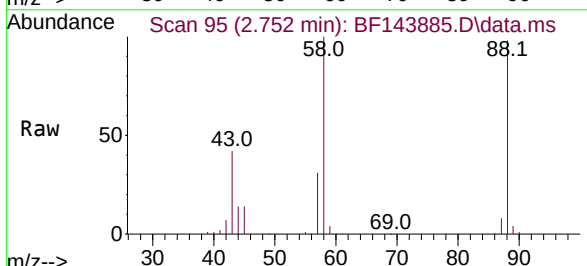
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Reviewed By :Rahul Chavli 10/07/2025

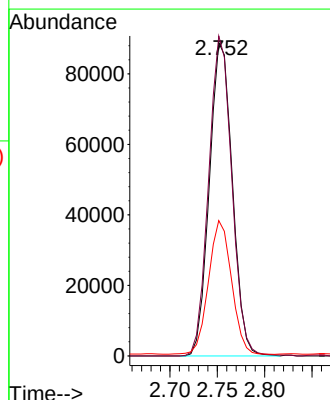
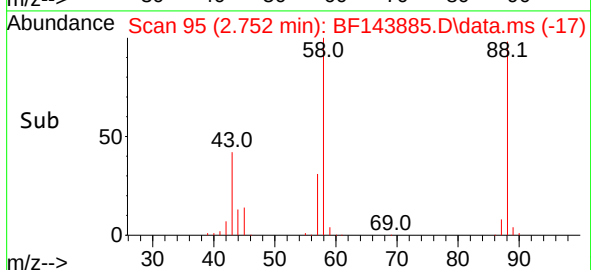
Supervised By :Jagrut Upadhyay 10/07/2025

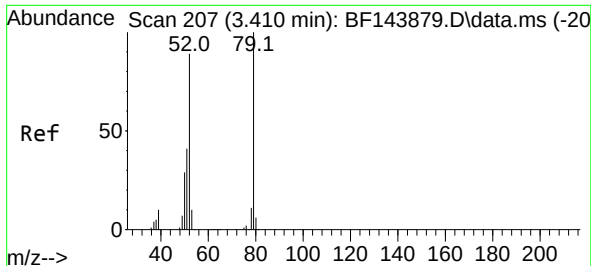


#2
1,4-Dioxane
Concen: 37.295 ng
RT: 2.752 min Scan# 95
Delta R.T. 0.106 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion: 88 Resp: 150049
Ion Ratio Lower Upper
88 100
58 102.9 83.0 124.6
43 42.7 33.9 50.9





#3

Pyridine

Concen: 38.068 ng

RT: 3.510 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF143885.D

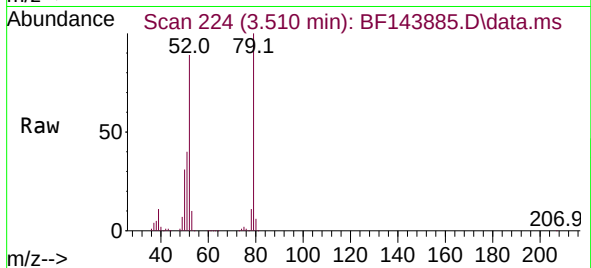
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



Tgt Ion: 79 Resp: 445868

Ion Ratio Lower Upper

79 100

52 89.4 71.5 107.3

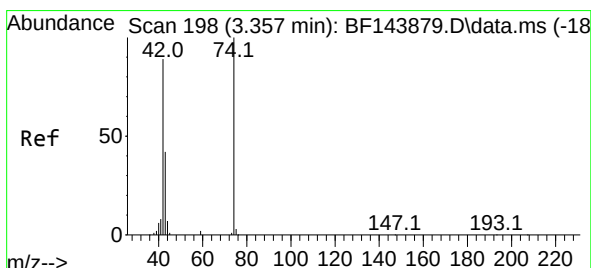
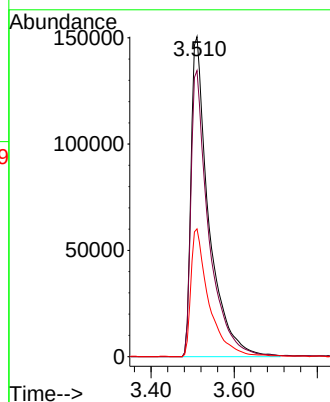
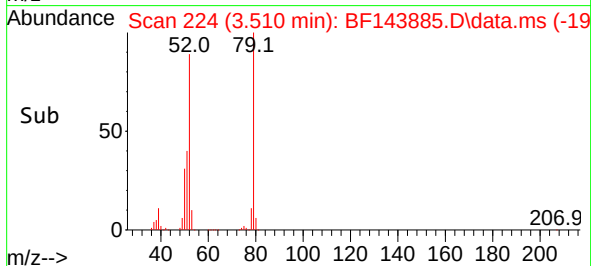
51 39.9 32.9 49.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.155 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

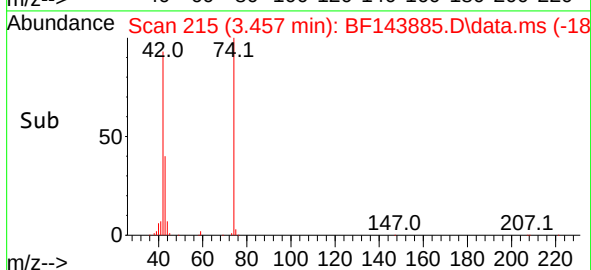
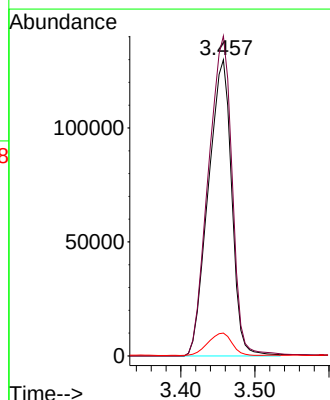
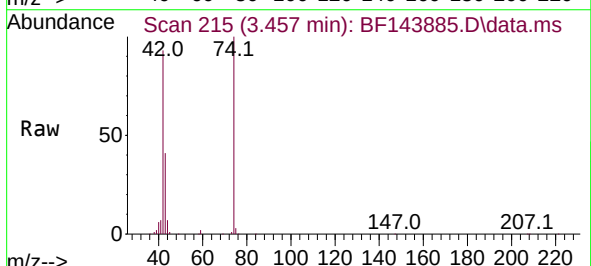
Tgt Ion: 42 Resp: 284376

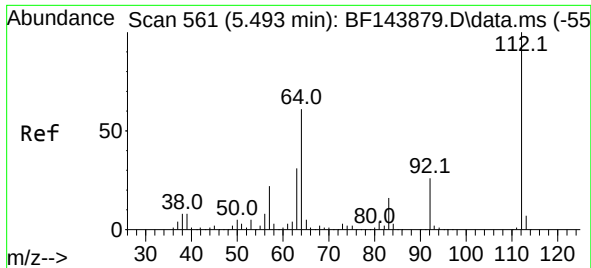
Ion Ratio Lower Upper

42 100

74 108.1 90.0 135.0

44 7.7 6.2 9.2





#5
2-Fluorophenol
Concen: 125.196 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

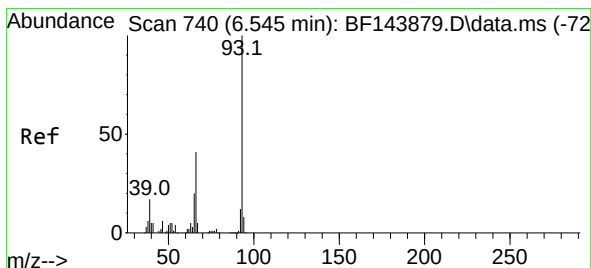
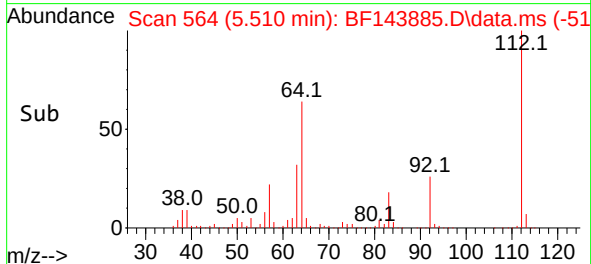
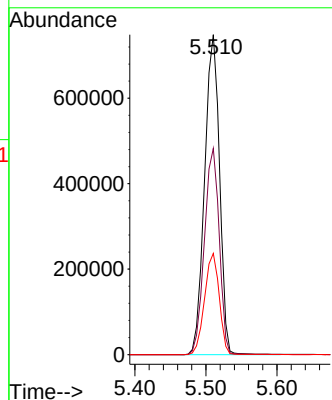
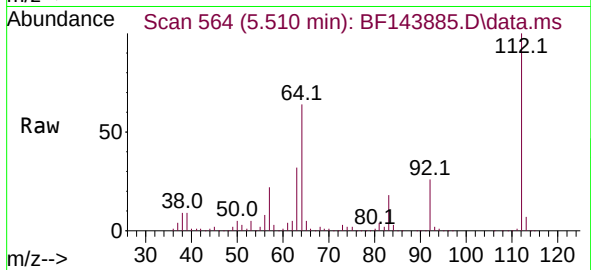
PB169953BS

Tgt Ion:112 Resp: 1088495
Ion Ratio Lower Upper
112 100
64 64.5 49.1 73.7
63 31.6 24.5 36.7

Manual Integrations

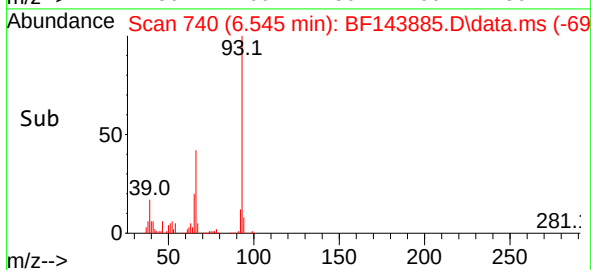
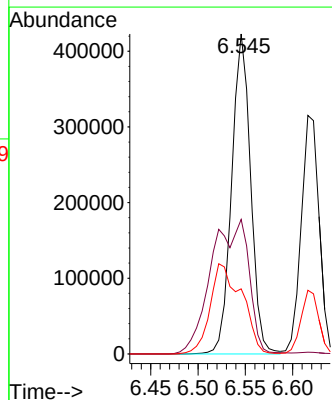
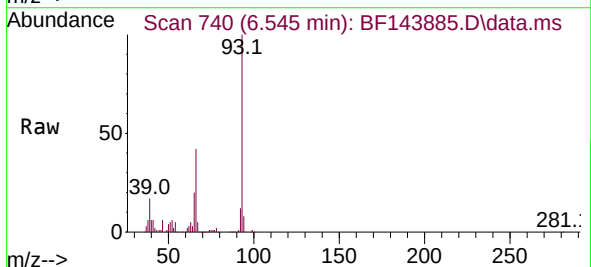
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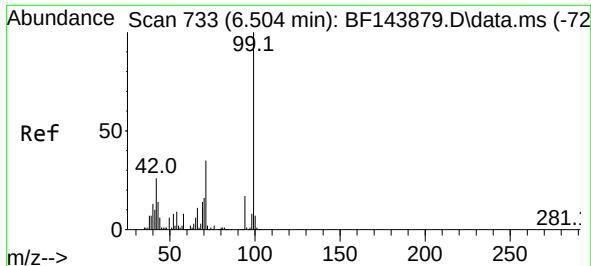
Reviewed By :Rahul Chavli 10/07/2025
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#6
Aniline
Concen: 37.982 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

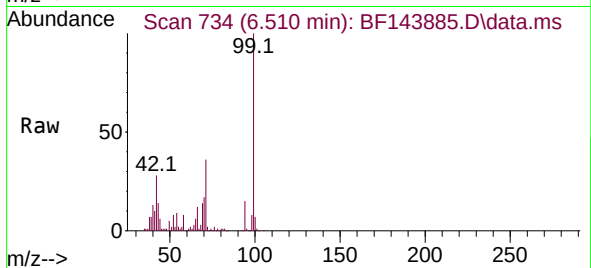
Tgt Ion: 93 Resp: 589833
Ion Ratio Lower Upper
93 100
66 42.0 33.0 49.6
65 20.4 15.8 23.8





#7
Phenol-d6
Concen: 127.002 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

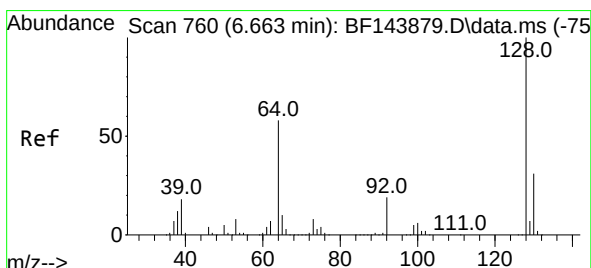
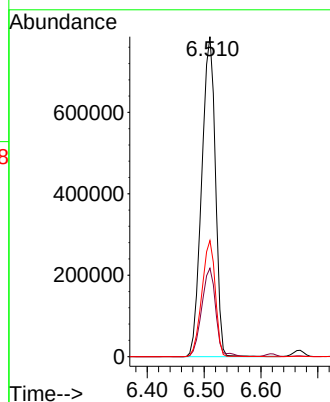
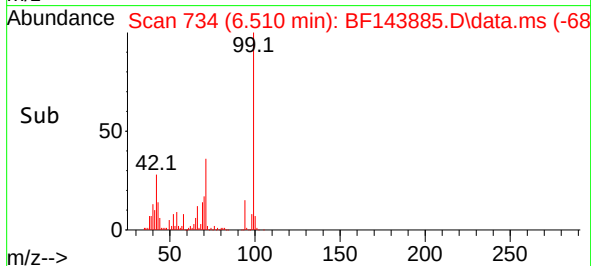
Instrument :
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ClientSampleId :
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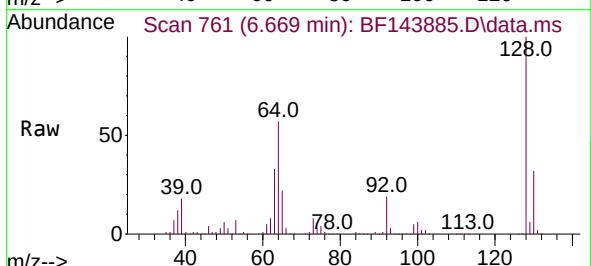
Tgt Ion: 99 Resp: 1316153
Ion Ratio Lower Upper
99 100
42 27.6 21.0 31.4
71 36.3 27.8 41.8

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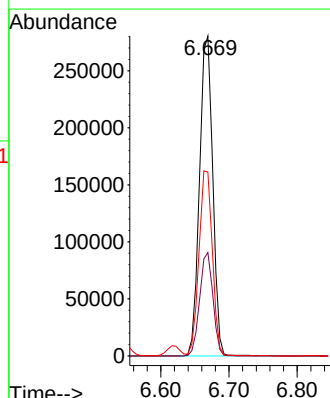
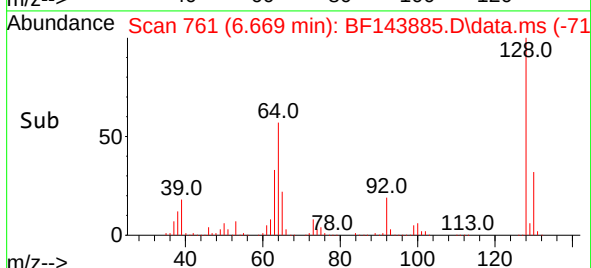
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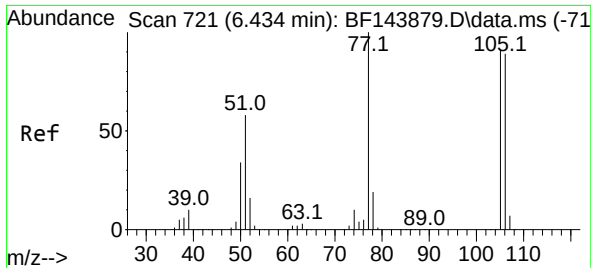


#8
2-Chlorophenol
Concen: 44.663 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:128 Resp: 379575
Ion Ratio Lower Upper
128 100
130 32.3 10.7 50.7
64 57.5 39.0 79.0





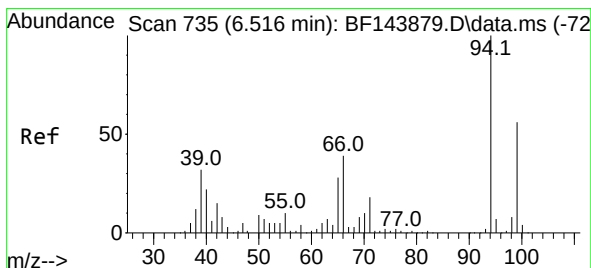
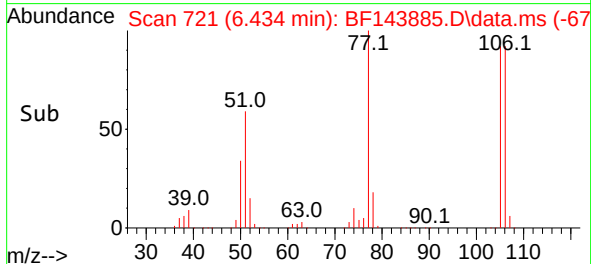
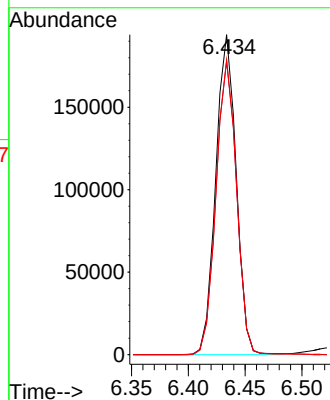
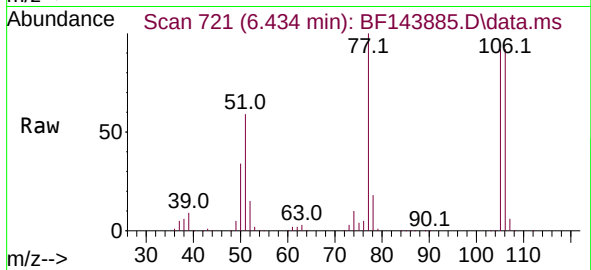
#9
Benzaldehyde
Concen: 30.313 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion: 77 Resp: 242333
Ion Ratio Lower Upper
77 100
105 91.7 70.9 110.9
106 92.2 68.9 108.9

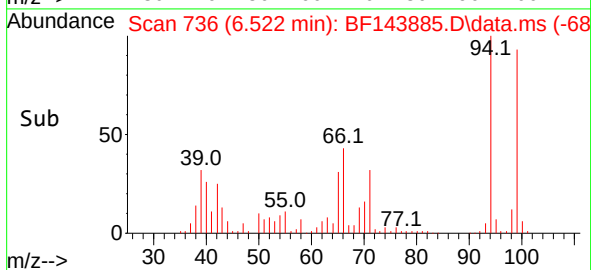
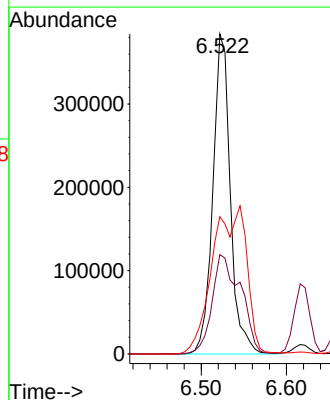
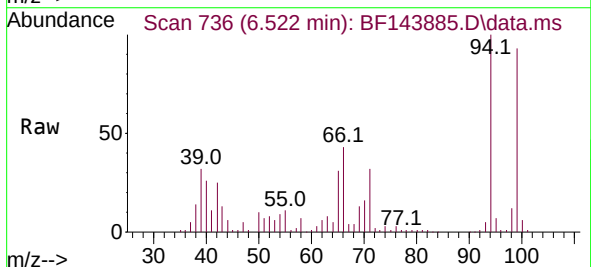
Manual Integrations
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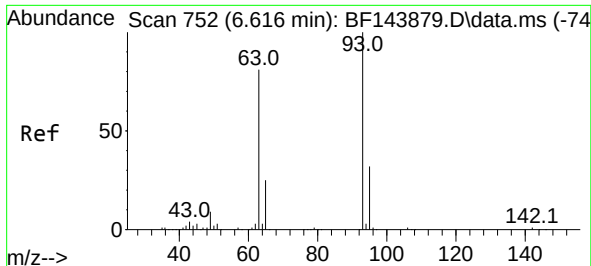
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#10
Phenol
Concen: 44.132 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

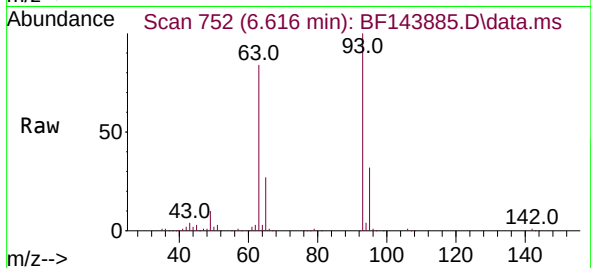
Tgt Ion: 94 Resp: 546780
Ion Ratio Lower Upper
94 100
65 31.0 8.5 48.5
66 42.9 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 42.668 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

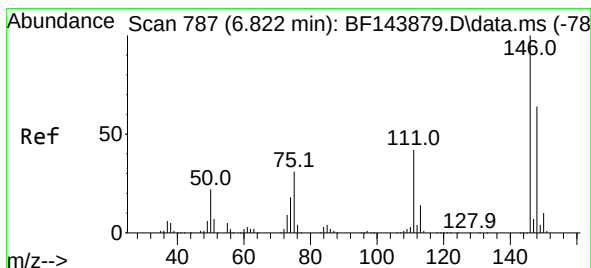
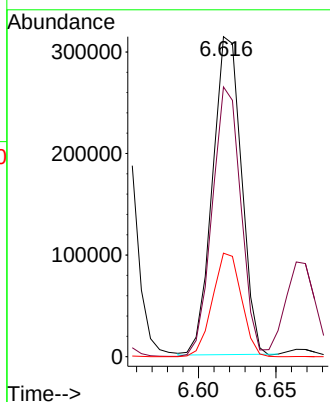
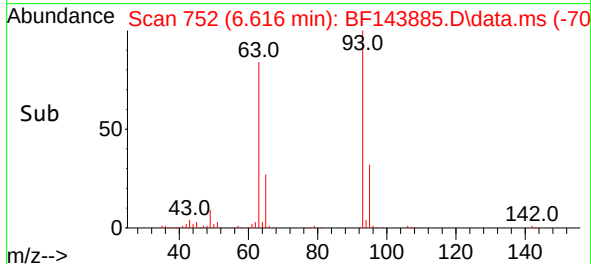
Instrument :
BNA_F
ClientSampleId :
PB169953BS



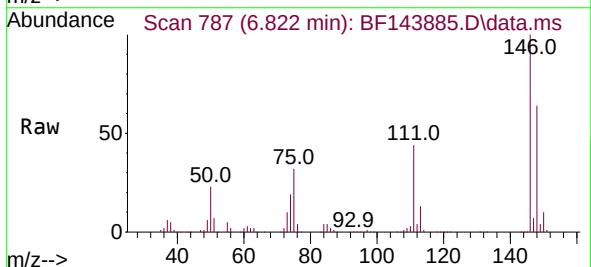
Tgt Ion: 93 Resp: 408352
Ion Ratio Lower Upper
93 100
63 84.3 60.9 100.9
95 32.3 11.5 51.5

Manual Integrations
APPROVED

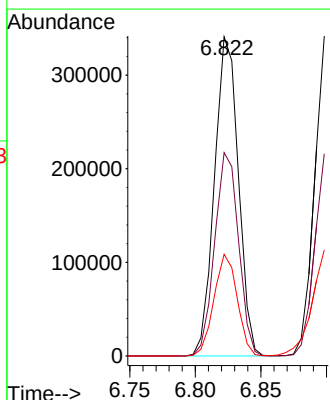
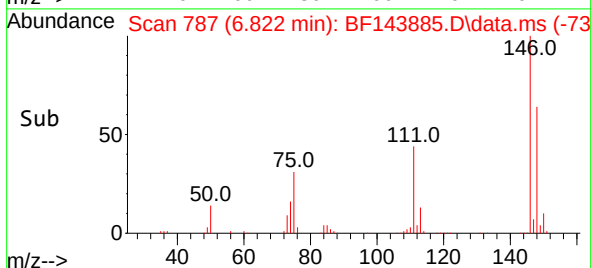
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

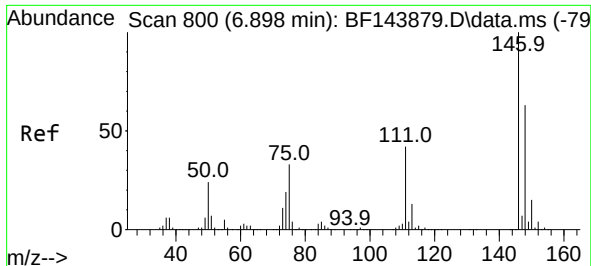


#12
1,3-Dichlorobenzene
Concen: 42.580 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



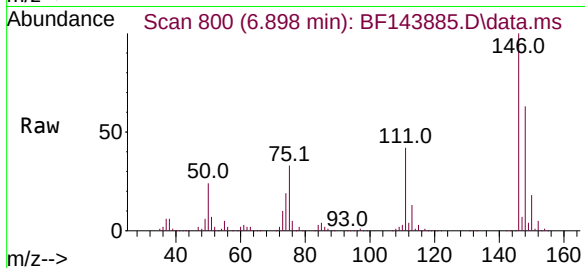
Tgt Ion:146 Resp: 433171
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.8 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 43.944 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

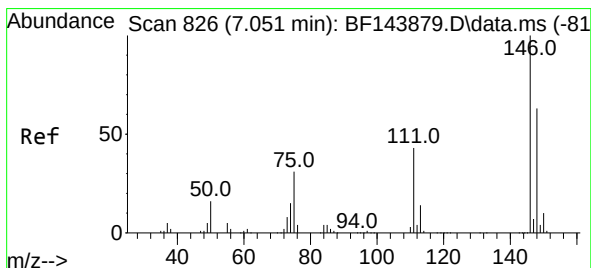
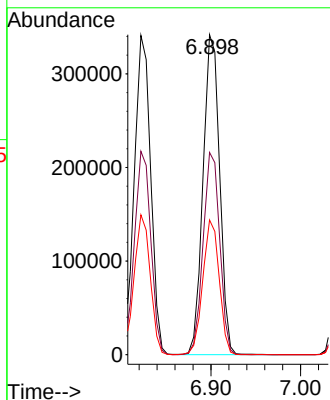
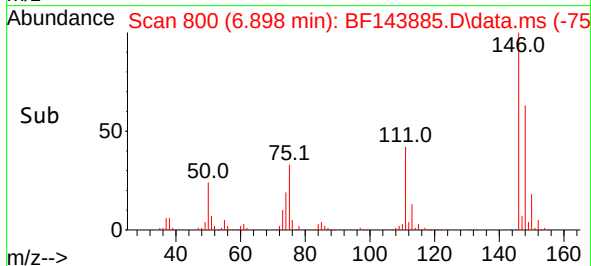
Instrument :
BNA_F
ClientSampleId :
PB169953BS



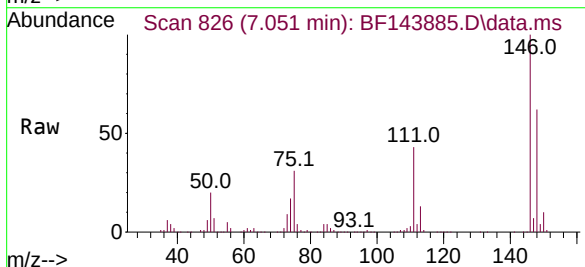
Tgt Ion:146 Resp: 440972
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 42.1 33.4 50.0

Manual Integrations
APPROVED

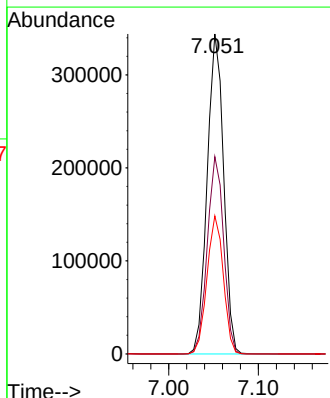
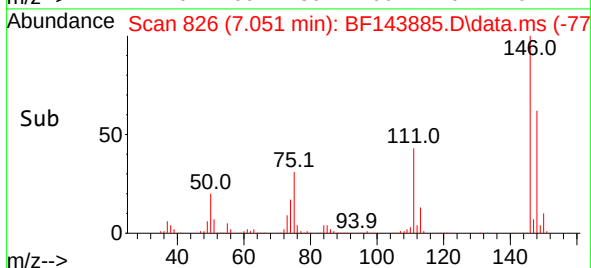
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

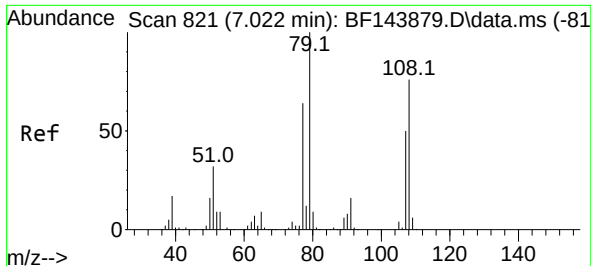


#14
1,2-Dichlorobenzene
Concen: 45.706 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



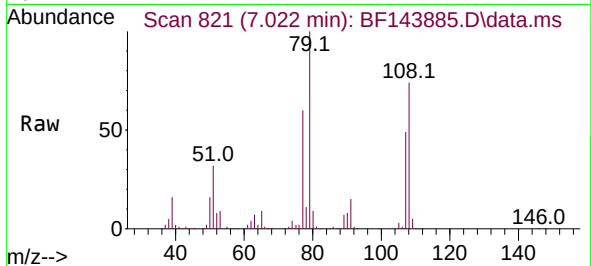
Tgt Ion:146 Resp: 439315
Ion Ratio Lower Upper
146 100
148 61.6 50.6 75.8
111 43.1 34.6 51.8





#15
Benzyl Alcohol
Concen: 47.717 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

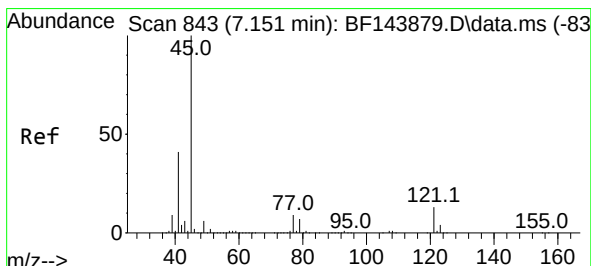
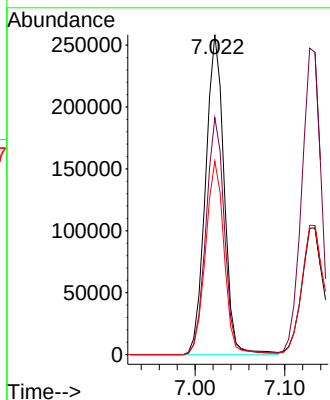
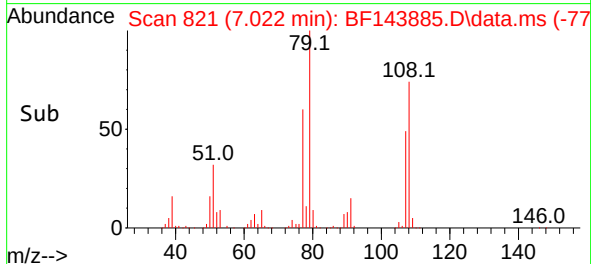
Instrument :
BNA_F
ClientSampleId :
PB169953BS



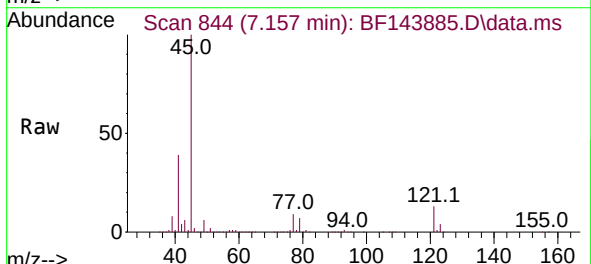
Tgt Ion: 79 Resp: 370511
Ion Ratio Lower Upper
79 100
108 74.1 60.8 91.2
77 60.5 51.0 76.6

Manual Integrations
APPROVED

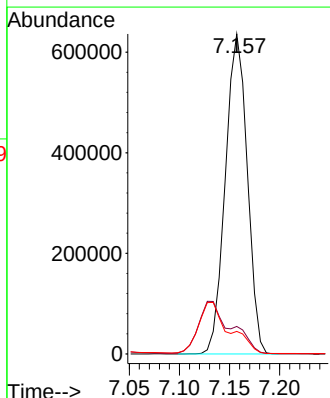
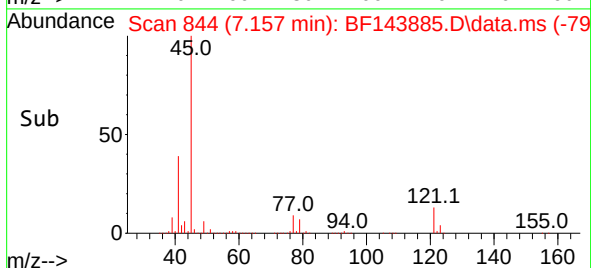
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

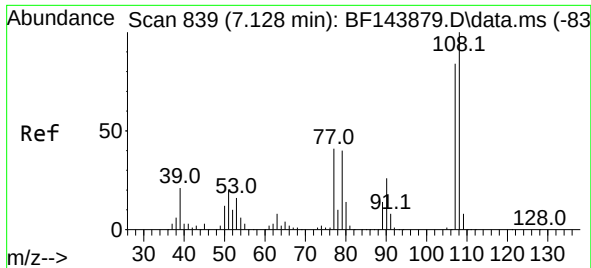


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.388 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion: 45 Resp: 967006
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 7.0 0.0 26.8





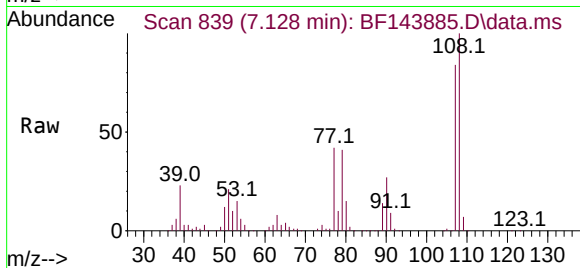
#17
2-Methylphenol
Concen: 44.687 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



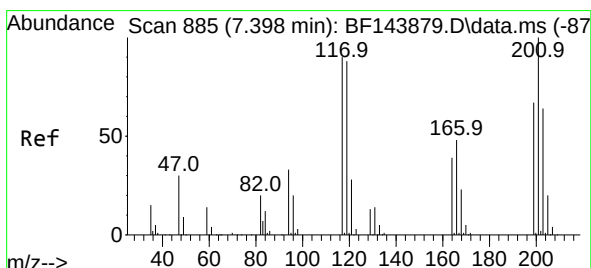
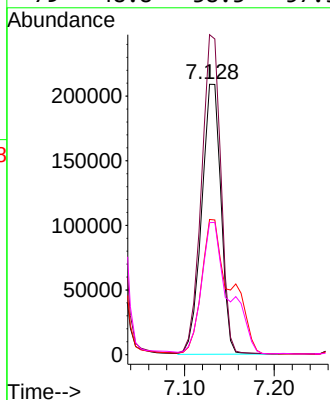
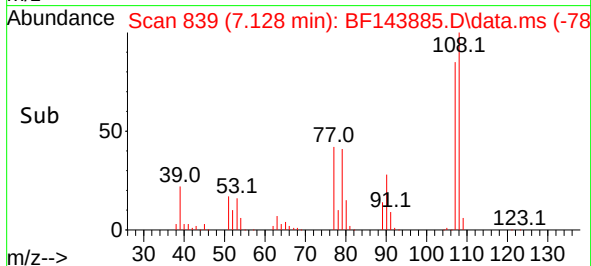
Tgt Ion:107 Resp: 31386
Ion Ratio Lower Upper
107 100
108 118.4 94.7 142.1
77 50.0 38.8 58.2
79 48.8 38.3 57.5

Manual Integrations

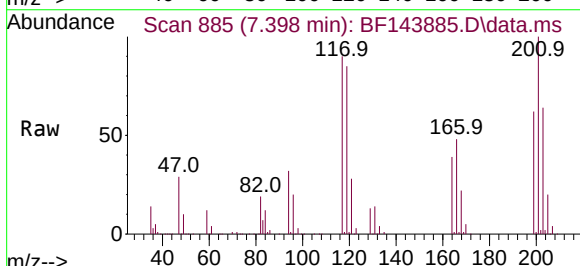
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

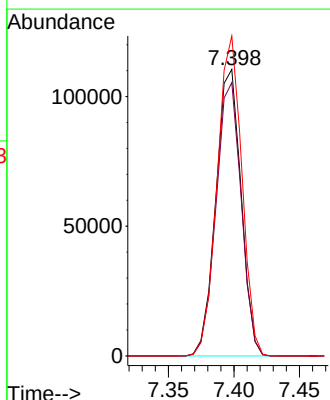
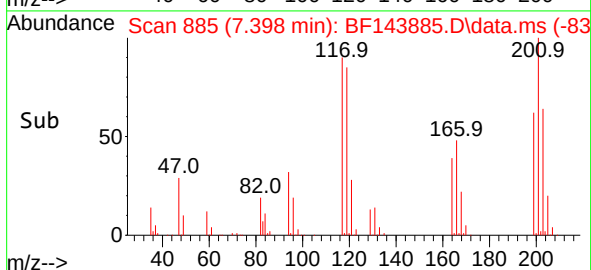
Supervised By :Jagrut Upadhyay 10/07/2025

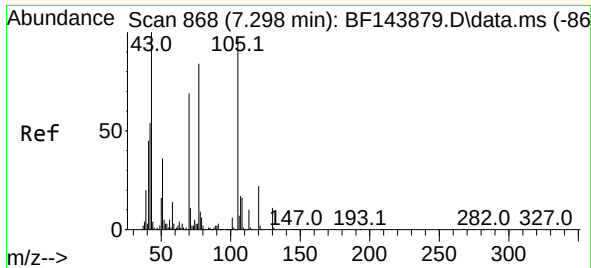


#18
Hexachloroethane
Concen: 44.166 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



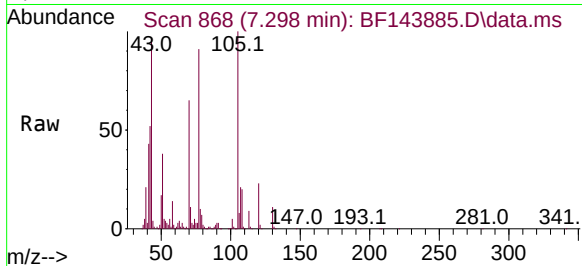
Tgt Ion:117 Resp: 147805
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8
201 111.7 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.727 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

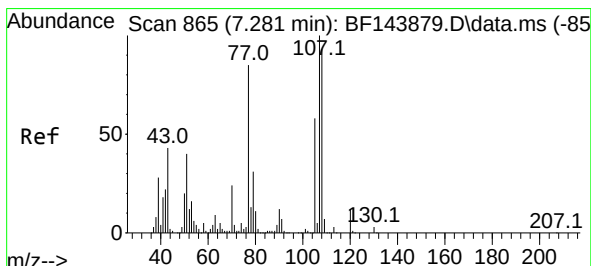
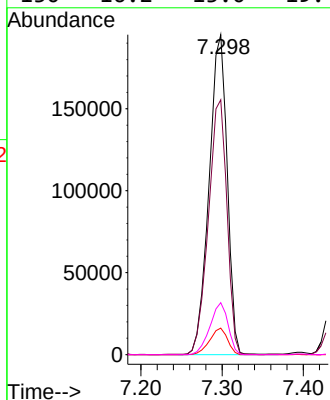
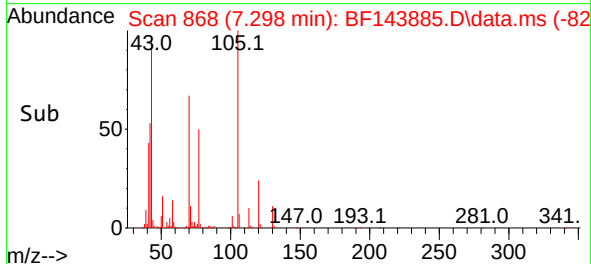
Instrument :
BNA_F
ClientSampleId :
PB169953BS



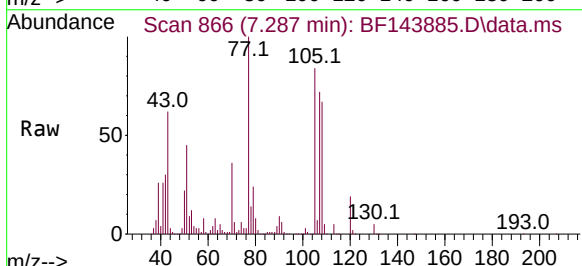
Tgt Ion: 70 Resp: 303088
Ion Ratio Lower Upper
70 100
42 79.6 62.8 94.2
101 8.3 6.7 10.1
130 16.2 13.0 19.4

Manual Integrations
APPROVED

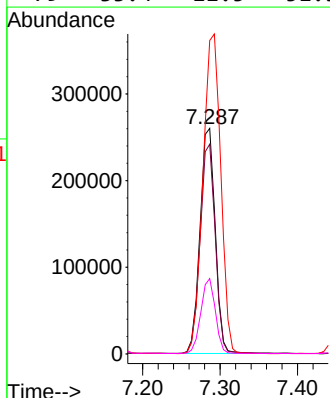
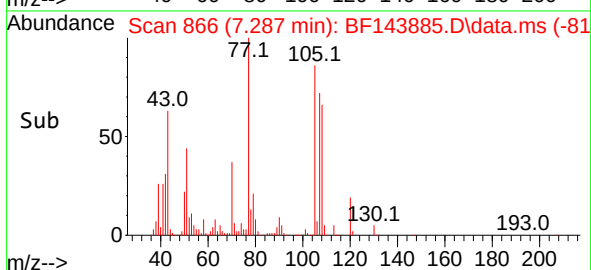
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

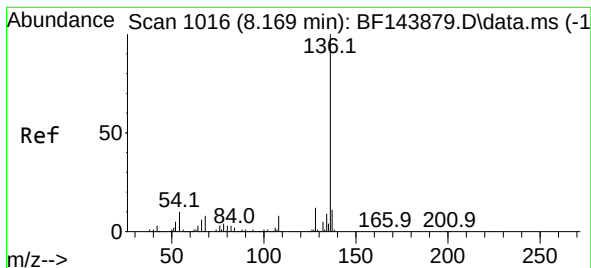


#20
3+4-Methylphenols
Concen: 43.539 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:107 Resp: 354418
Ion Ratio Lower Upper
107 100
108 93.0 73.0 113.0
77 139.0 64.6 104.6#
79 33.4 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: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

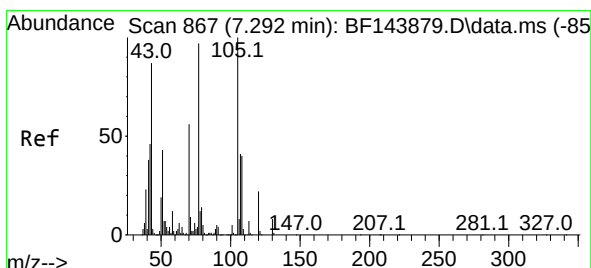
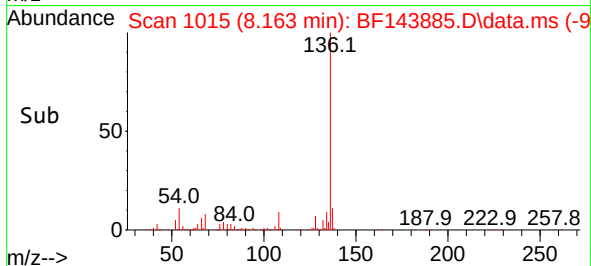
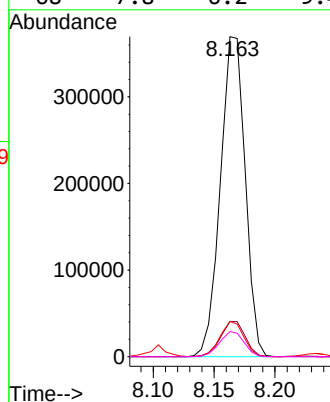
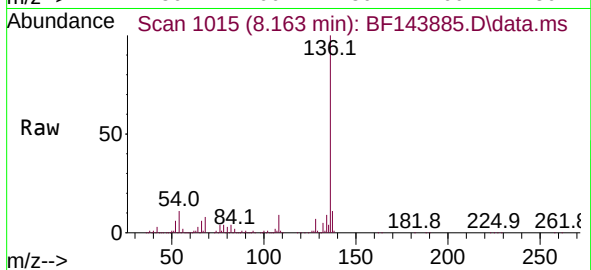
Tgt Ion:	136	Resp:	522705
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.0	8.2	12.4
68	7.8	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 48.887 ng

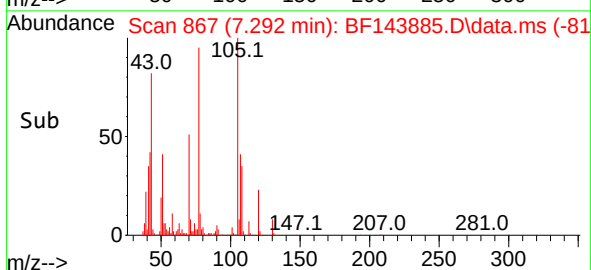
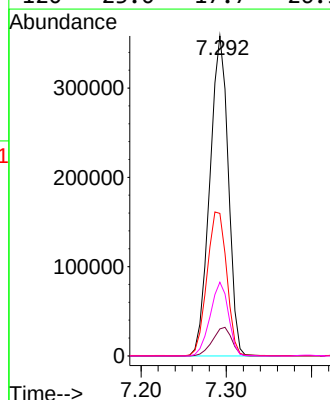
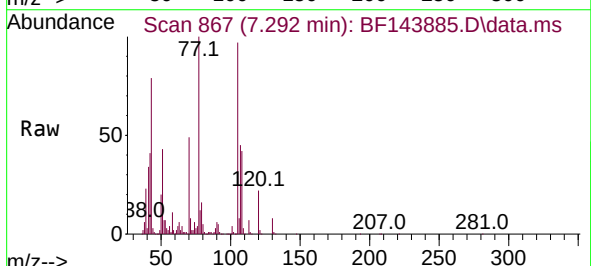
RT: 7.292 min Scan# 867

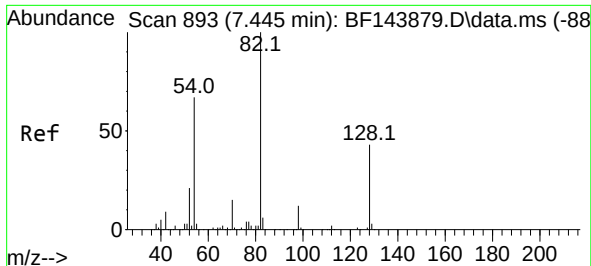
Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion:	105	Resp:	540309
Ion Ratio	Lower	Upper	
105	100		
71	8.4	7.4	11.0
51	44.5	34.2	51.4
120	23.0	17.7	26.5





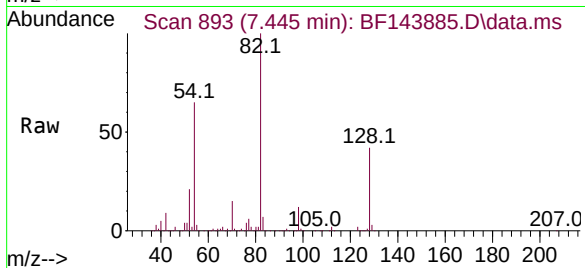
#23
Nitrobenzene-d5
Concen: 96.447 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

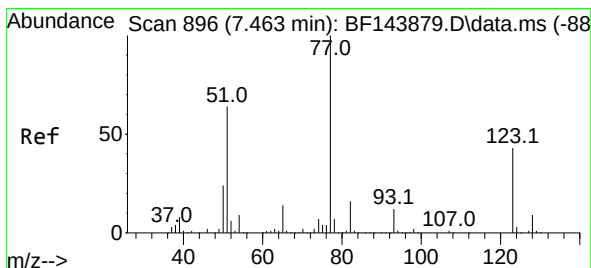
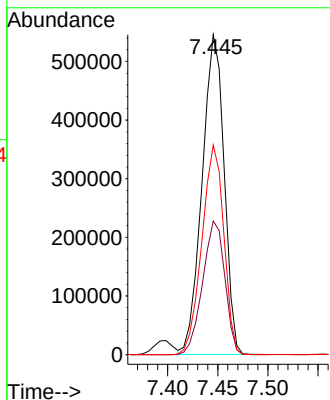
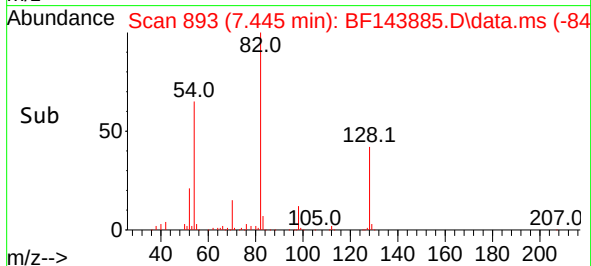


Tgt Ion: 82 Resp: 829783
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 65.5 53.2 79.8

Manual Integrations

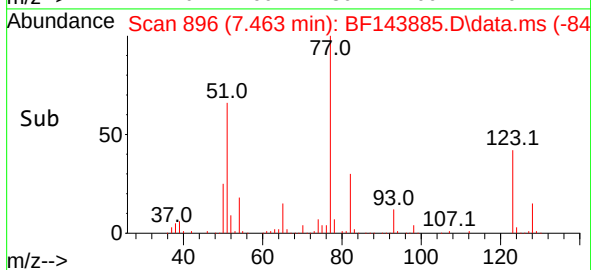
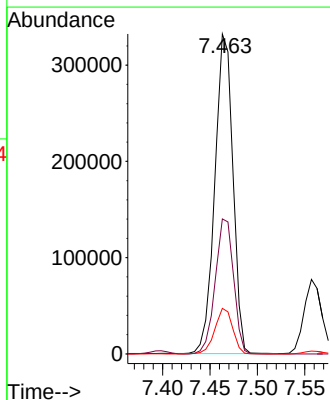
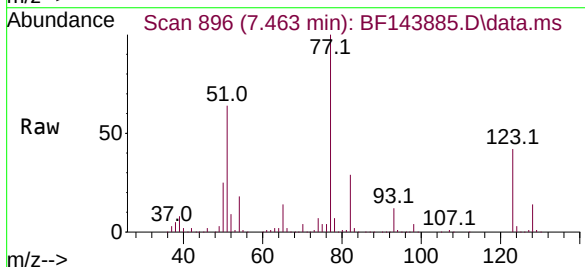
APPROVED

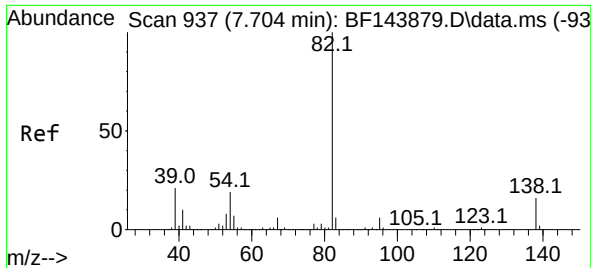
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#24
Nitrobenzene
Concen: 46.155 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

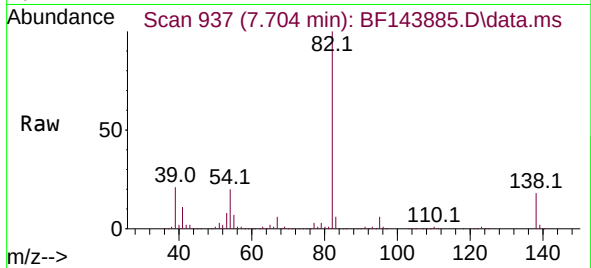
Tgt Ion: 77 Resp: 440981
Ion Ratio Lower Upper
77 100
123 42.2 34.2 51.4
65 14.2 11.0 16.6





#25
Isophorone
Concen: 44.983 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

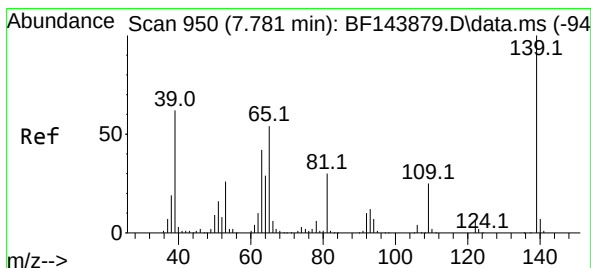
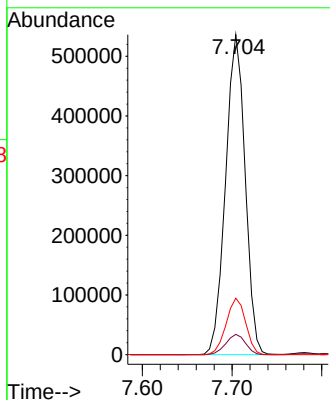
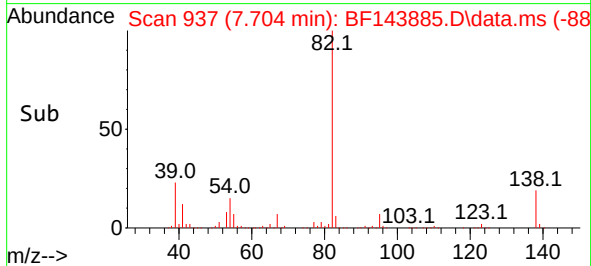
Instrument :
BNA_F
ClientSampleId :
PB169953BS



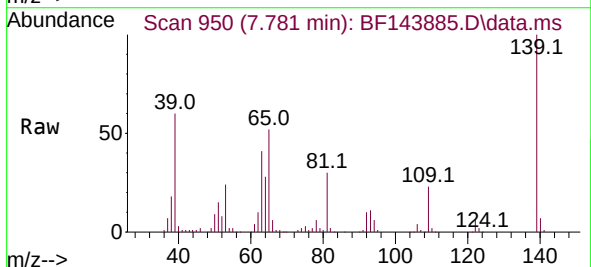
Tgt Ion: 82 Resp: 81603
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 17.6 12.9 19.3

Manual Integrations
APPROVED

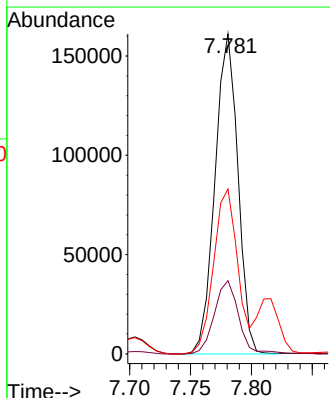
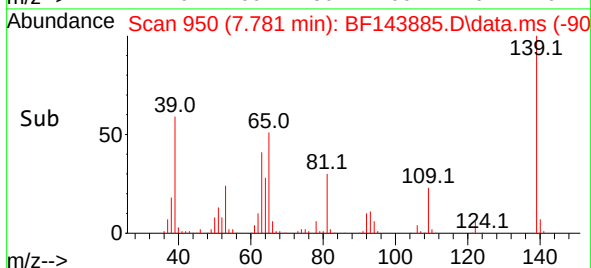
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

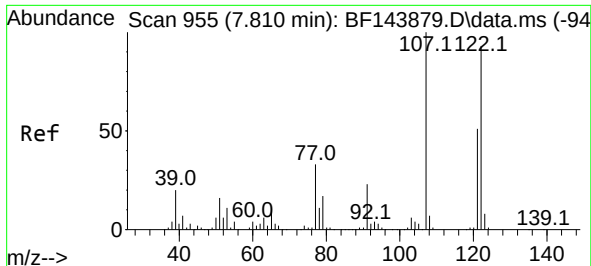


#26
2-Nitrophenol
Concen: 51.529 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:139 Resp: 211073
Ion Ratio Lower Upper
139 100
109 22.9 19.8 29.6
65 51.5 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 50.591 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

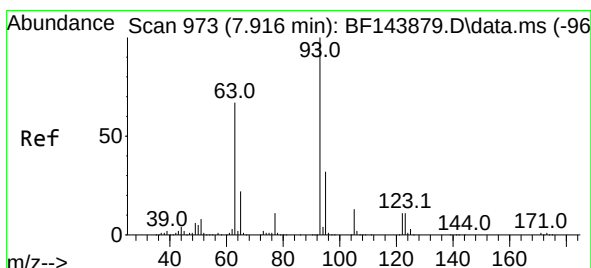
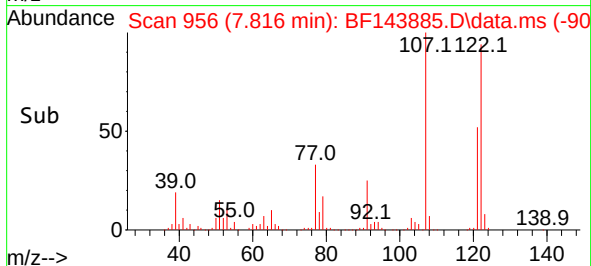
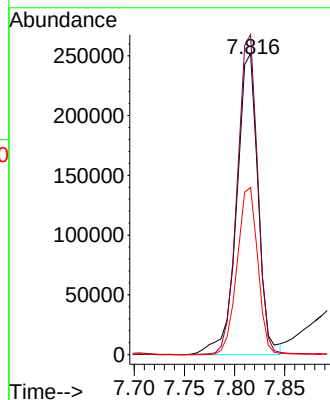
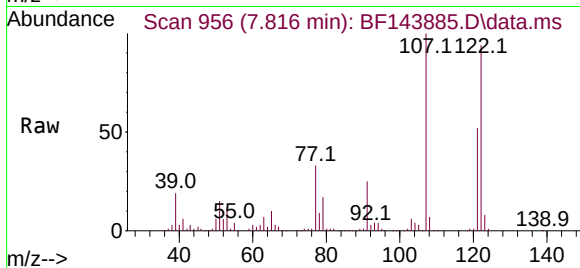
Tgt Ion:122 Resp: 372785
 Ion Ratio Lower Upper
 122 100
 107 106.2 86.1 129.1
 121 55.5 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.164 ng

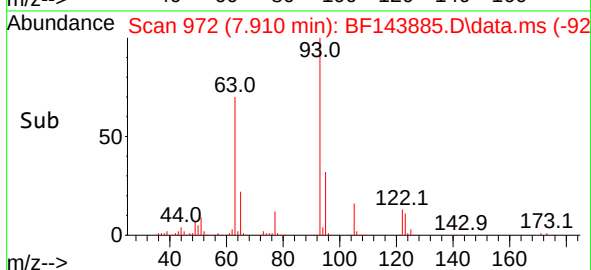
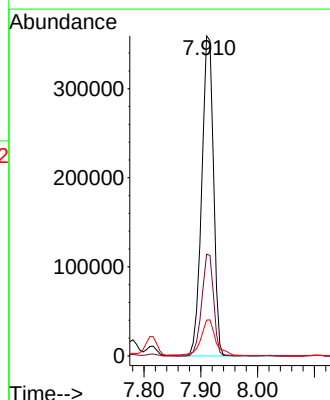
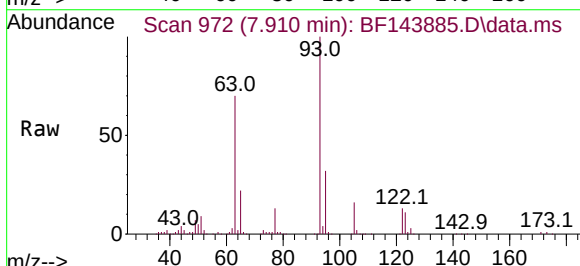
RT: 7.910 min Scan# 972

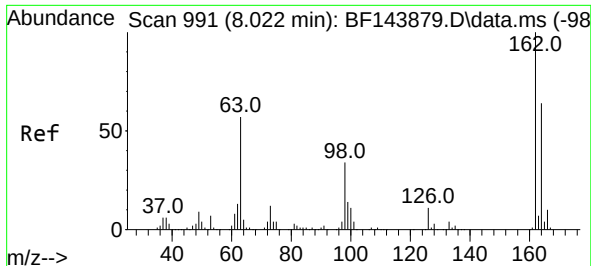
Delta R.T. -0.012 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion: 93 Resp: 517550
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.9 38.9
 123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.864 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143885.D

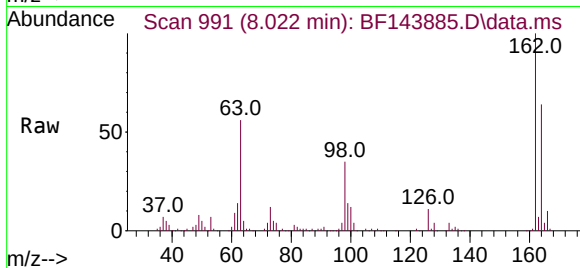
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



Tgt Ion:162 Resp: 352022

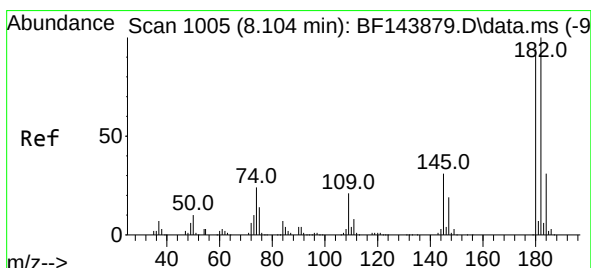
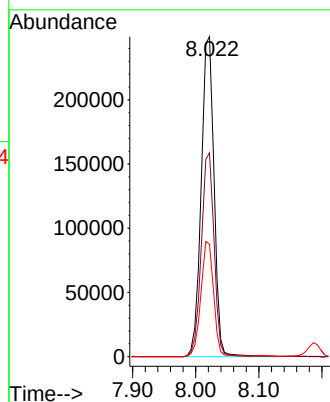
Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	35.1	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.134 ng

RT: 8.104 min Scan# 1005

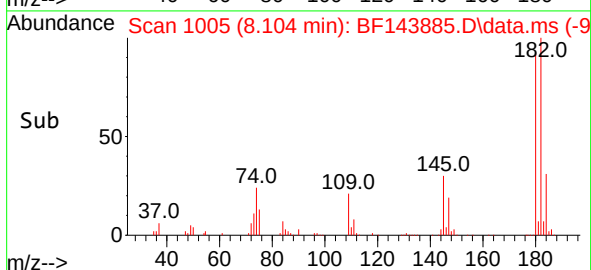
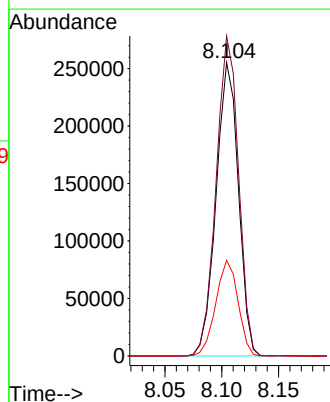
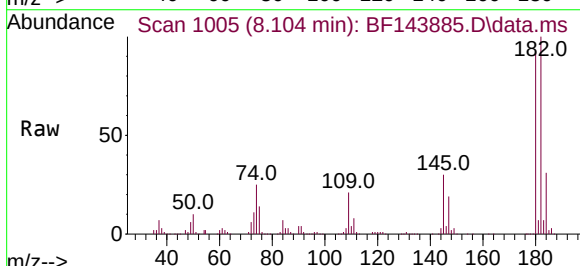
Delta R.T. -0.006 min

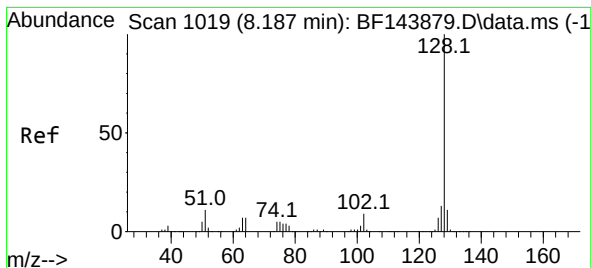
Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Tgt Ion:180 Resp: 348246

Ion	Ratio	Lower	Upper
180	100		
182	109.1	85.4	128.0
145	32.6	26.3	39.5





#31

Naphthalene

Concen: 44.150 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:128 Resp: 104978

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

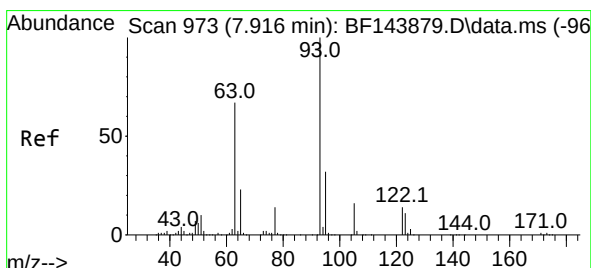
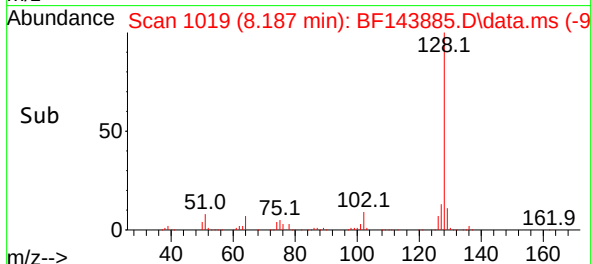
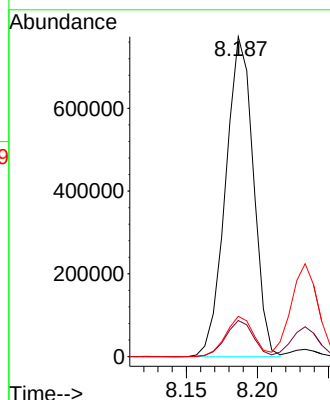
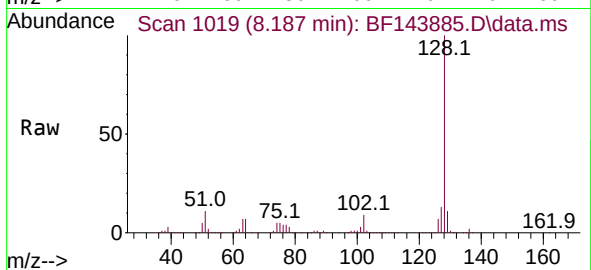
127 12.6 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 55.975 ng m

RT: 7.939 min Scan# 977

Delta R.T. -0.023 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

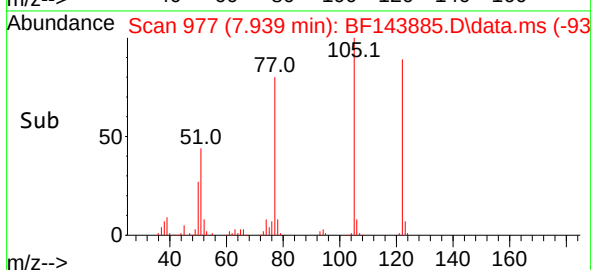
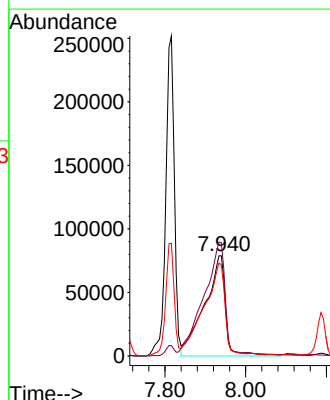
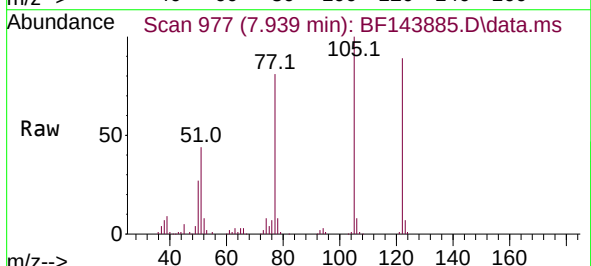
Tgt Ion:122 Resp: 285451

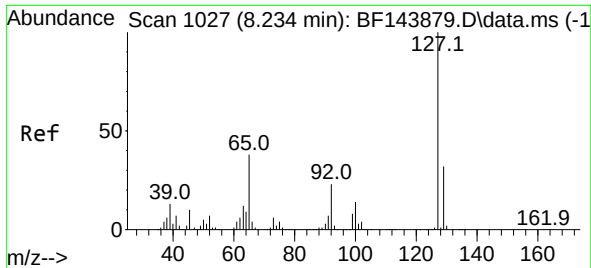
Ion Ratio Lower Upper

122 100

105 113.0 93.5 133.5

77 91.0 76.3 116.3





#33
4-Chloroaniline
Concen: 34.074 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

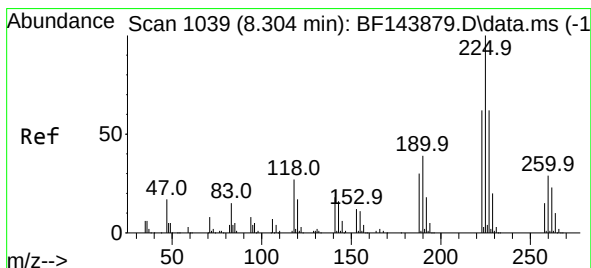
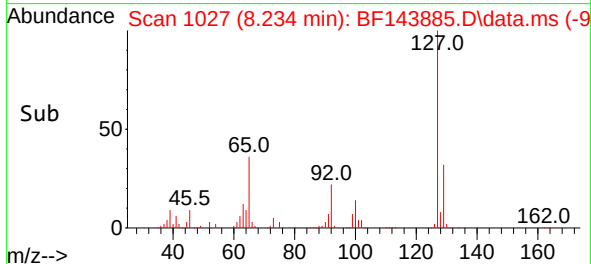
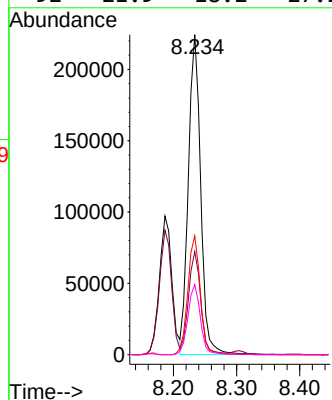
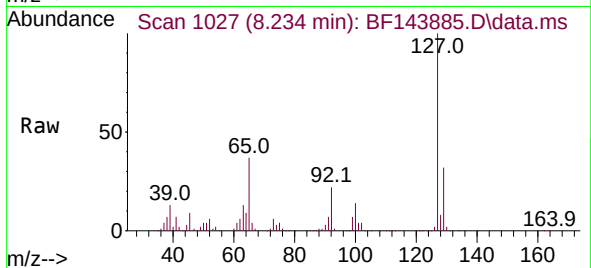
ClientSampleId :

PB169953BS

Tgt Ion:127 Resp: 303862
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 37.1 30.0 45.0
92 21.9 18.2 27.2

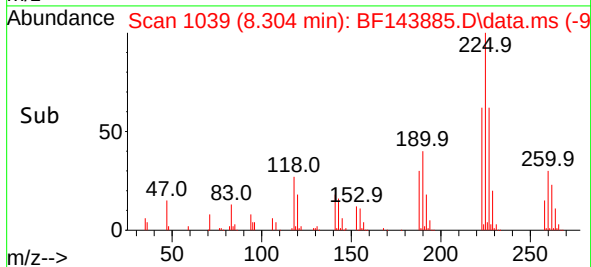
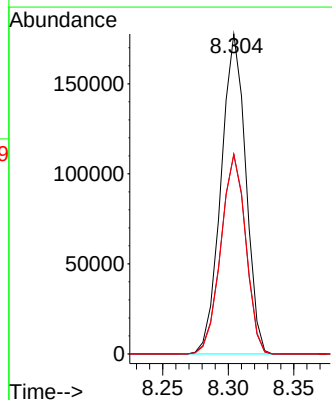
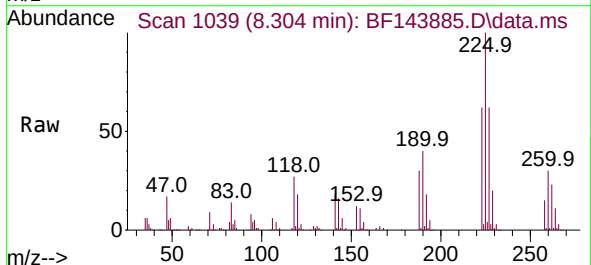
Manual Integrations
APPROVED

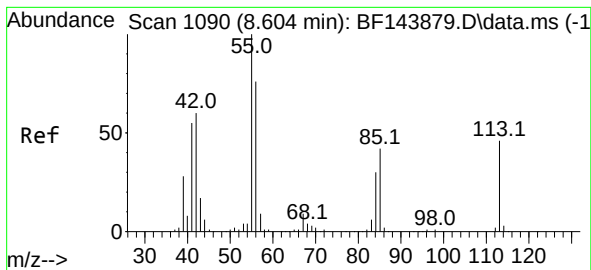
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#34
Hexachlorobutadiene
Concen: 44.363 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

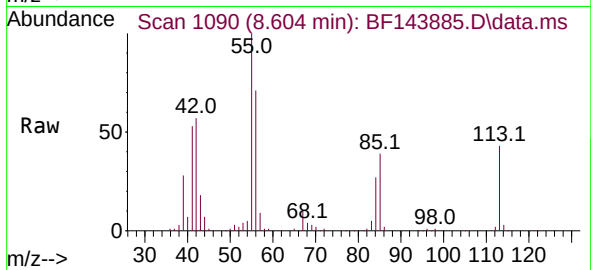
Tgt Ion:225 Resp: 232707
Ion Ratio Lower Upper
225 100
223 62.3 49.4 74.2
227 62.4 49.7 74.5





#35
 Caprolactam
 Concen: 47.509 ng m
 RT: 8.604 min Scan# 1090
 Delta R.T. -0.041 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07

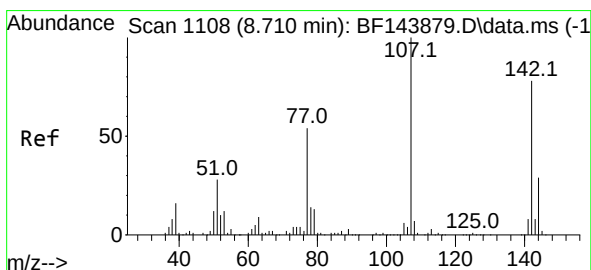
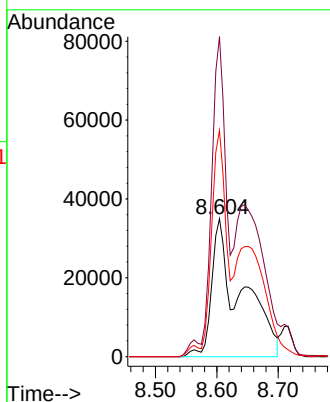
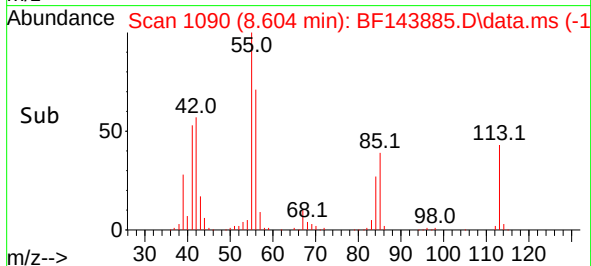
Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS



Tgt Ion:113 Resp: 115943
 Ion Ratio Lower Upper
 113 100
 55 232.2 199.6 239.6
 56 164.1 146.0 186.0

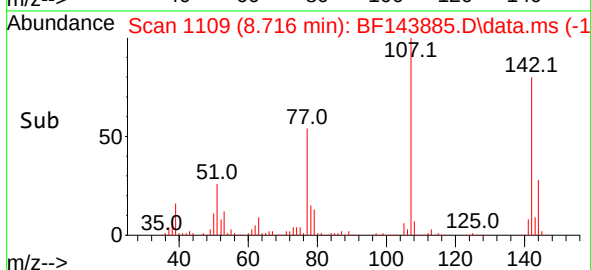
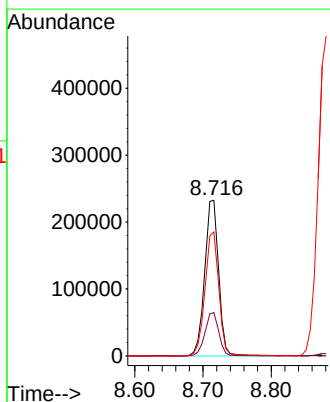
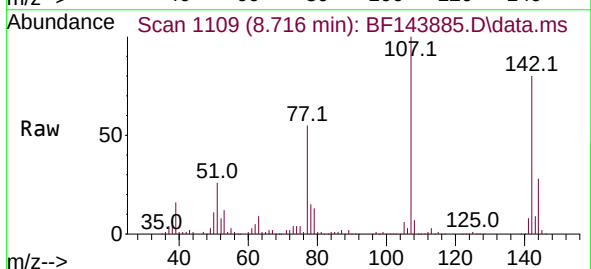
Manual Integrations
 APPROVED

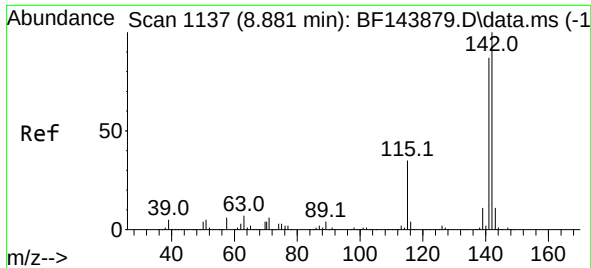
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.066 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07

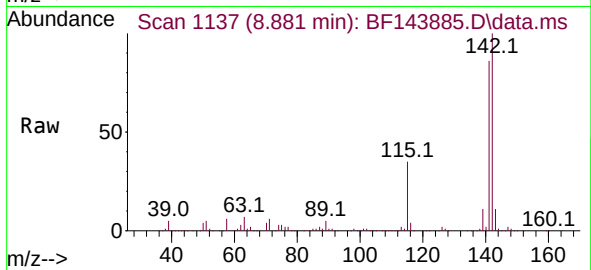
Tgt Ion:107 Resp: 332260
 Ion Ratio Lower Upper
 107 100
 144 27.9 23.1 34.7
 142 79.7 62.6 94.0





#37
2-Methylnaphthalene
Concen: 41.139 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

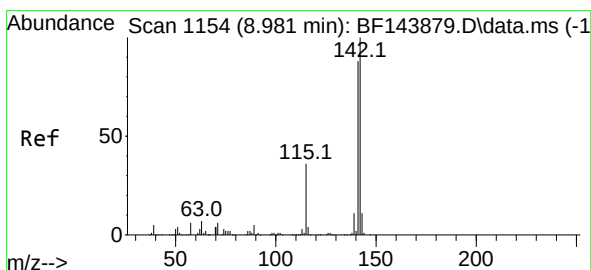
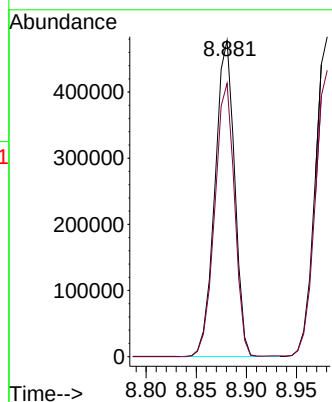
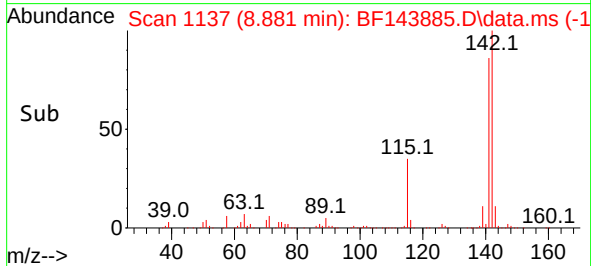
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:142 Resp: 651592
Ion Ratio Lower Upper
142 100
141 86.4 69.2 103.8

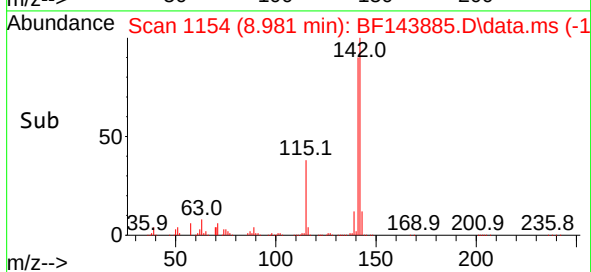
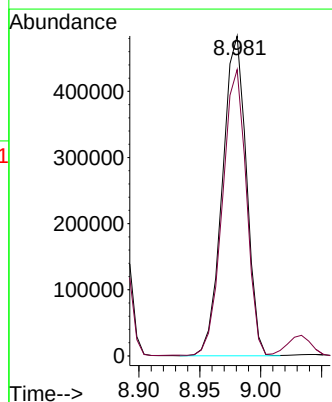
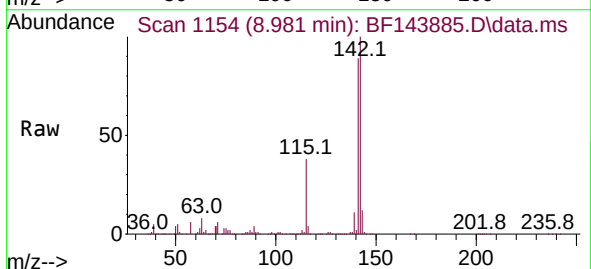
Manual Integrations
APPROVED

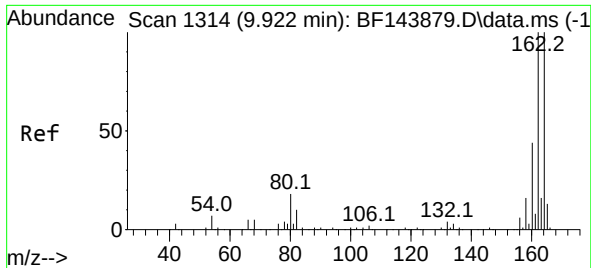
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#38
1-Methylnaphthalene
Concen: 43.039 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Tgt Ion:142 Resp: 661222
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2





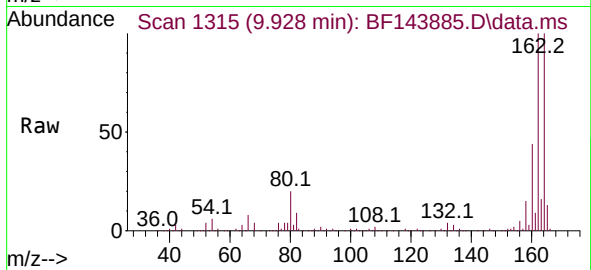
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



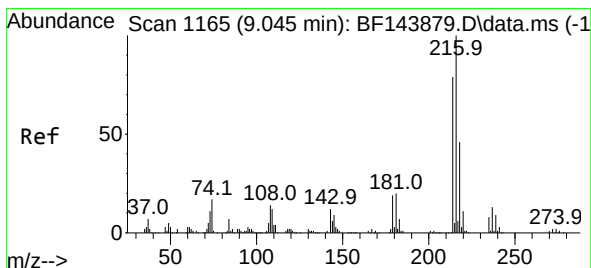
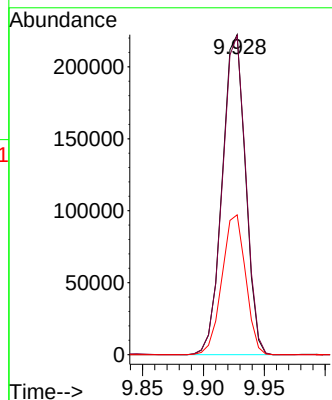
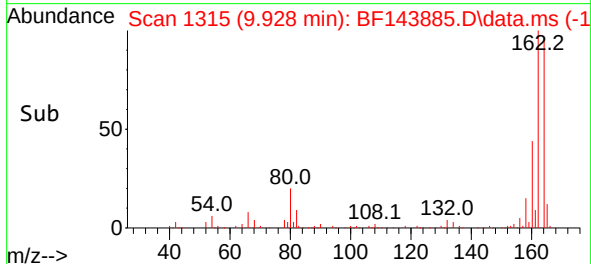
Tgt Ion:164 Resp: 295739
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.7 35.4 53.0

Manual Integrations

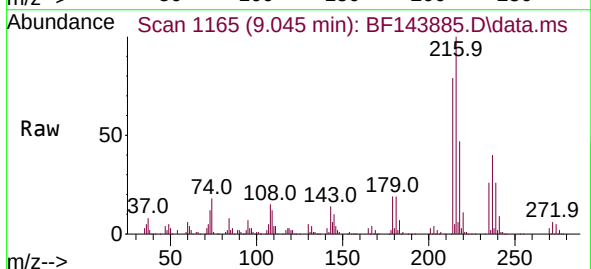
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

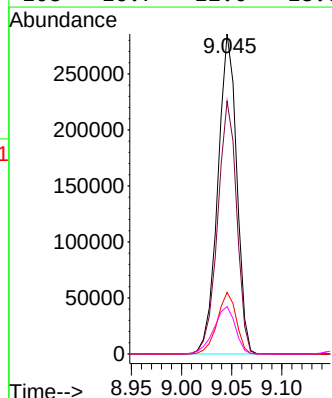
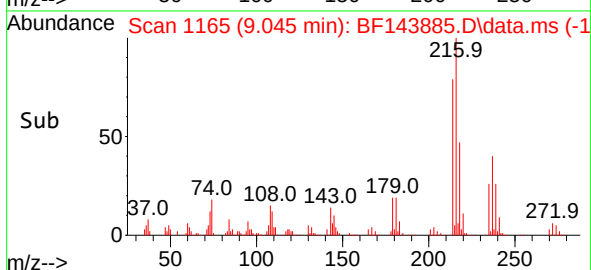
Supervised By :Jagrut Upadhyay 10/07/2025

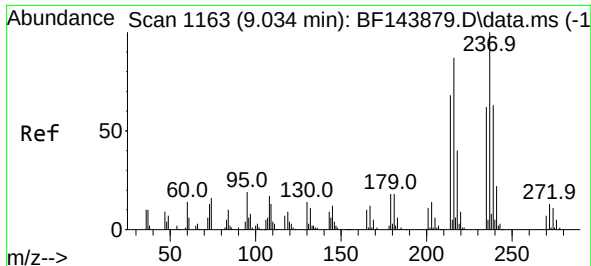


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.883 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



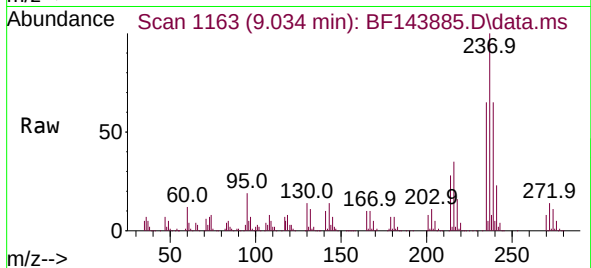
Tgt Ion:216 Resp: 375042
Ion Ratio Lower Upper
216 100
214 79.2 62.6 94.0
179 19.3 15.4 23.0
108 16.7 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 120.269 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

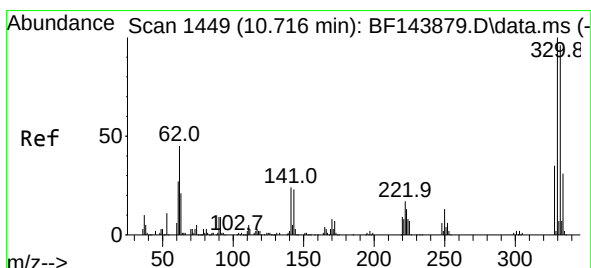
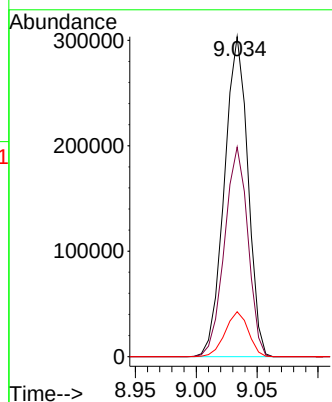
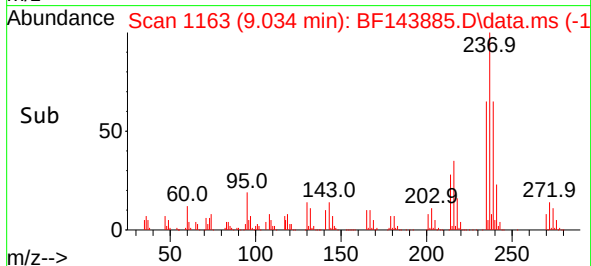
Instrument :
BNA_F
ClientSampleId :
PB169953BS



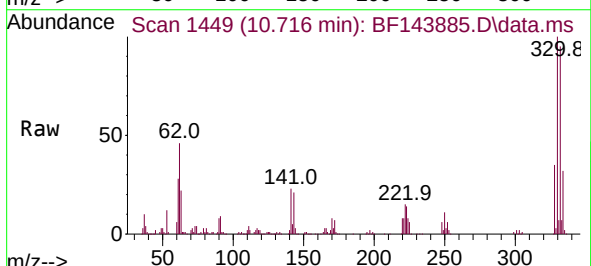
Tgt Ion: 237 Resp: 407831
Ion Ratio Lower Upper
237 100
235 65.5 42.3 82.3
272 14.0 0.0 33.1

Manual Integrations
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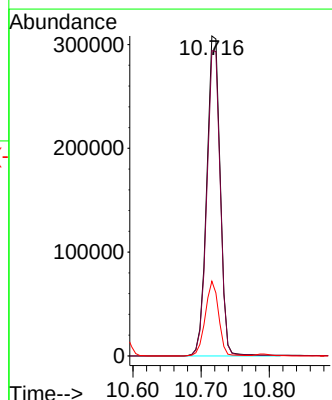
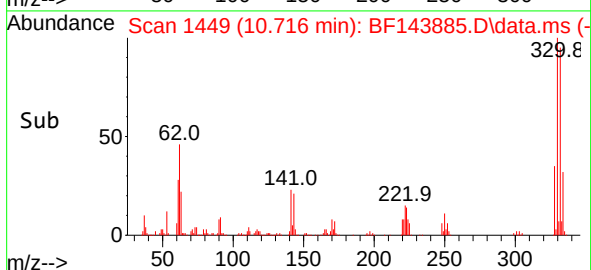
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

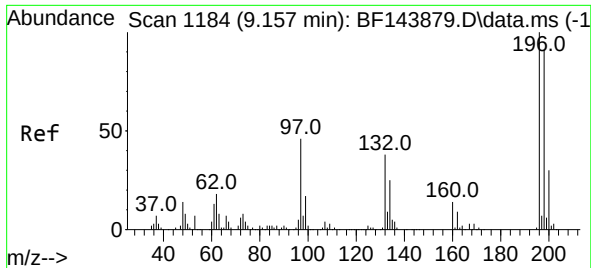


#42
2,4,6-Tribromophenol
Concen: 143.889 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



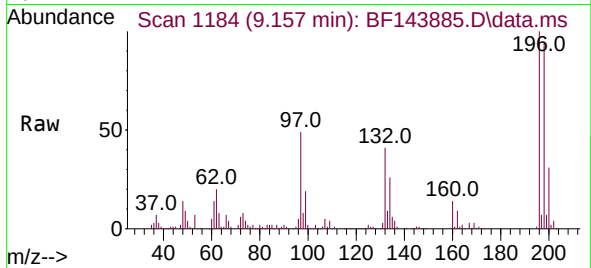
Tgt Ion: 330 Resp: 423842
Ion Ratio Lower Upper
330 100
332 95.2 76.9 115.3
141 23.2 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 44.712 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

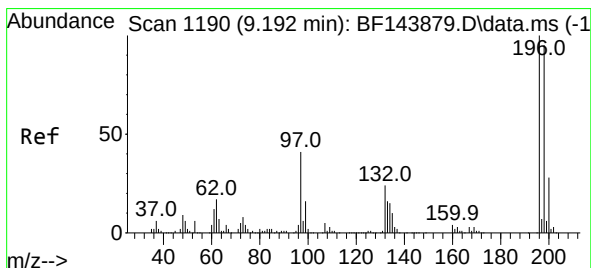
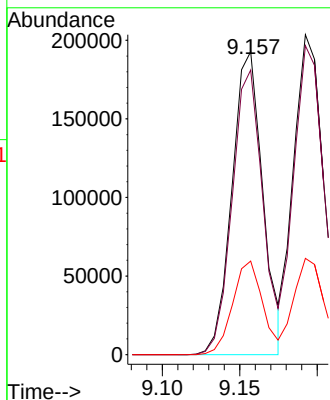
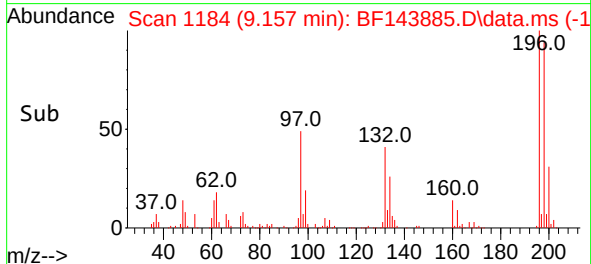
Instrument :
BNA_F
ClientSampleId :
PB169953BS



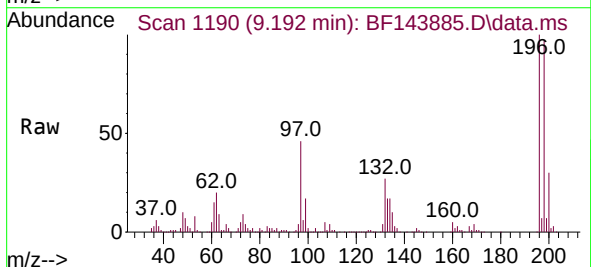
Tgt Ion:196 Resp: 267031
Ion Ratio Lower Upper
196 100
198 94.0 72.8 109.2
200 30.9 24.0 36.0

Manual Integrations
APPROVED

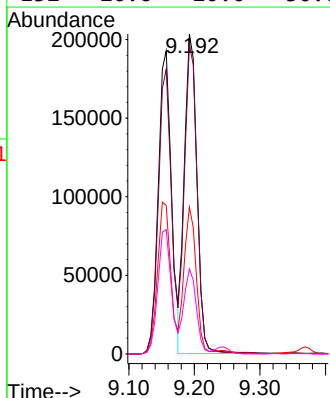
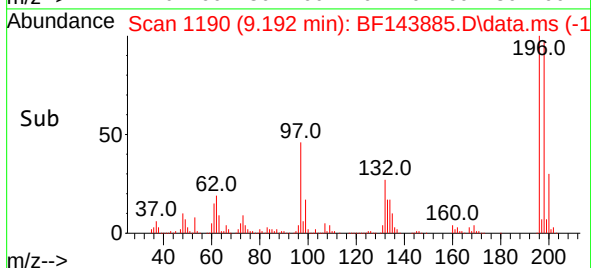
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

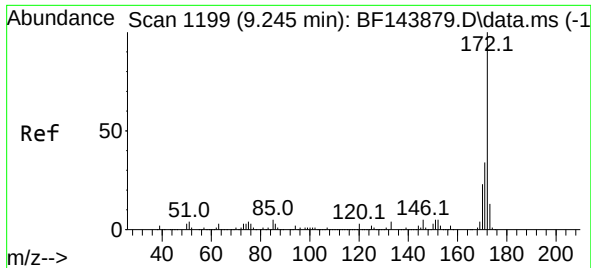


#44
2,4,5-Trichlorophenol
Concen: 43.451 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



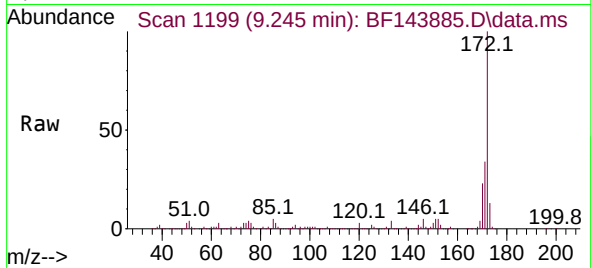
Tgt Ion:196 Resp: 274230
Ion Ratio Lower Upper
196 100
198 96.5 75.5 113.3
97 45.9 33.9 50.9
132 26.6 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 84.123 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

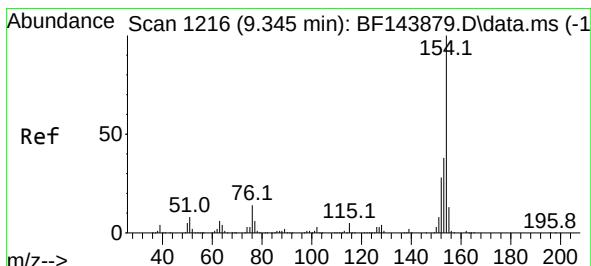
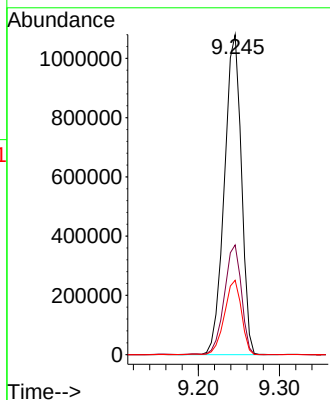
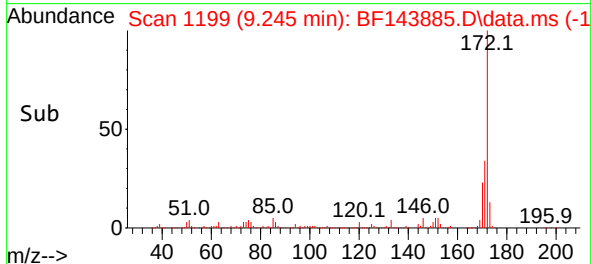
Instrument :
BNA_F
ClientSampleId :
PB169953BS



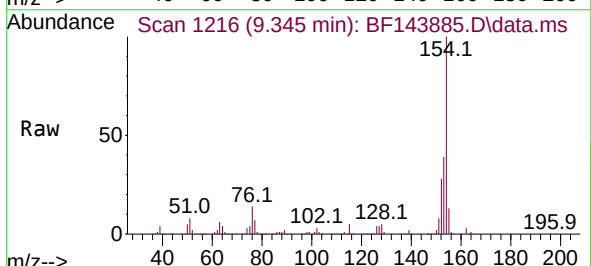
Tgt Ion:172 Resp: 1567898
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.2 18.6 28.0

Manual Integrations
APPROVED

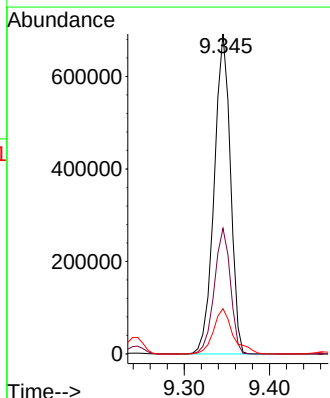
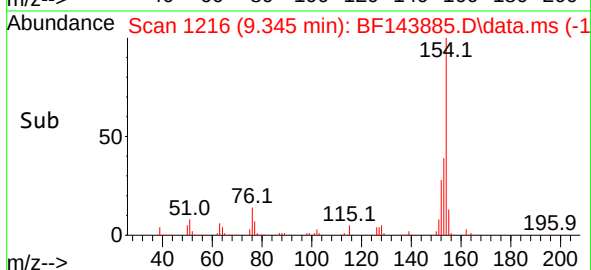
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

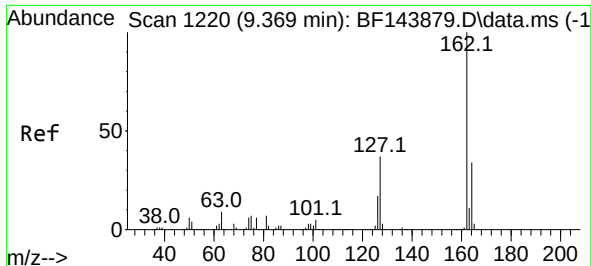


#46
1,1'-Biphenyl
Concen: 46.717 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:154 Resp: 914739
Ion Ratio Lower Upper
154 100
153 39.2 18.4 58.4
76 14.1 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.852 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

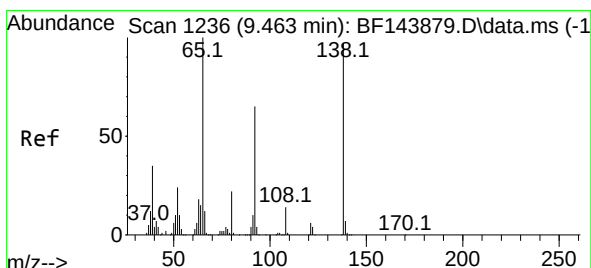
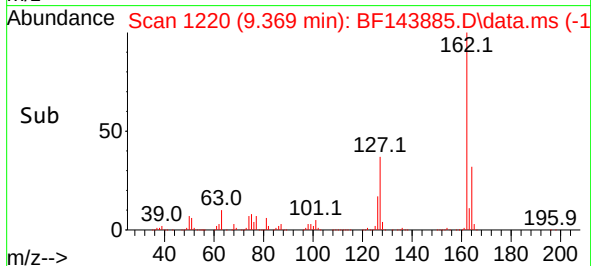
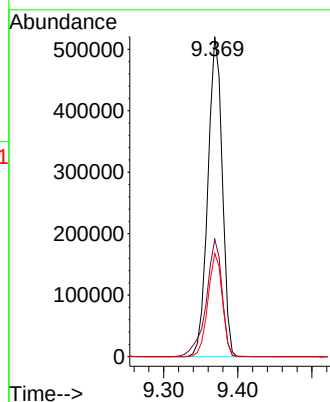
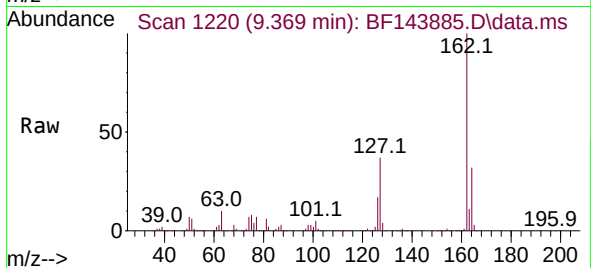
Tgt Ion:162 Resp: 699586
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.2 45.2
 164 32.2 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 46.924 ng

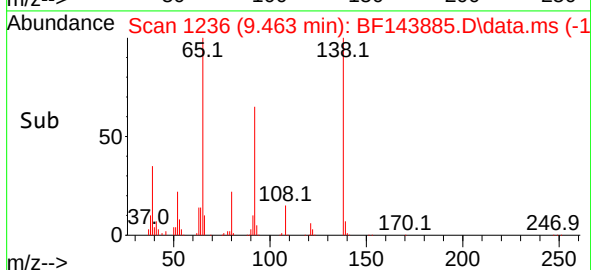
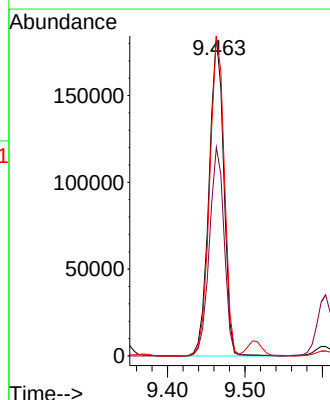
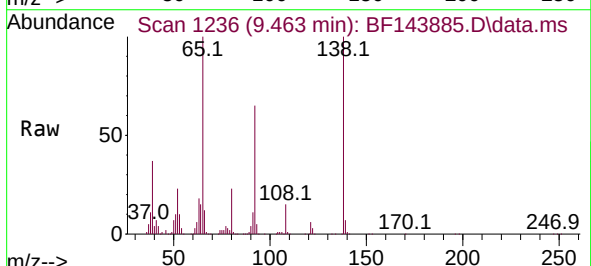
RT: 9.463 min Scan# 1236

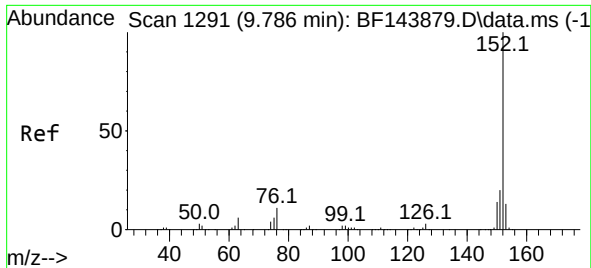
Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

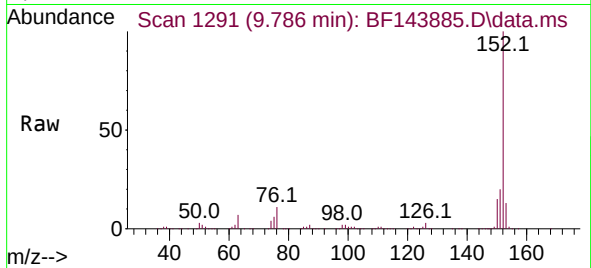
Tgt Ion: 65 Resp: 242193
 Ion Ratio Lower Upper
 65 100
 92 65.2 52.1 78.1
 138 99.9 77.4 116.2





#49
Acenaphthylene
Concen: 48.225 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

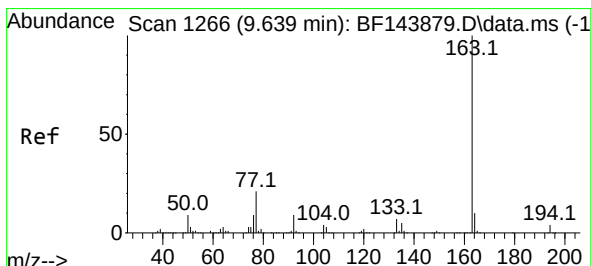
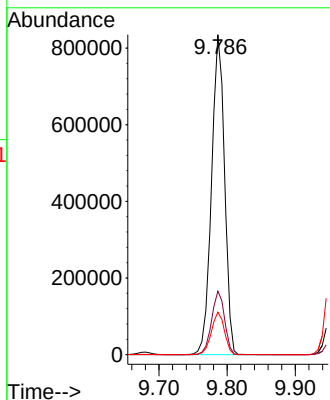
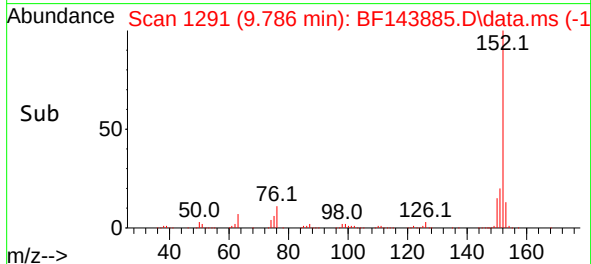
Instrument :
BNA_F
ClientSampleId :
PB169953BS



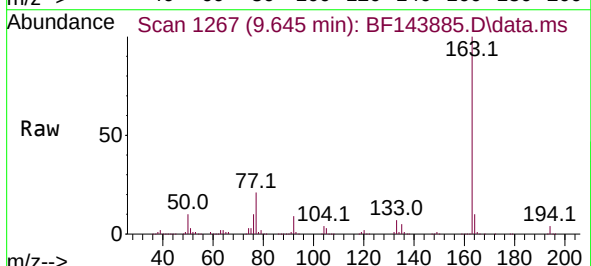
Tgt Ion:152 Resp: 1106824
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.5 15.7

Manual Integrations
APPROVED

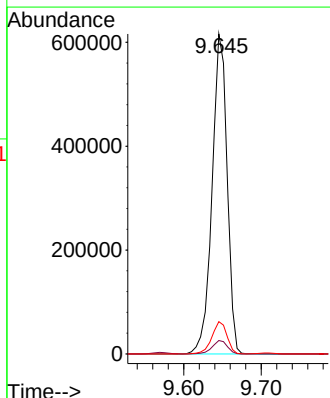
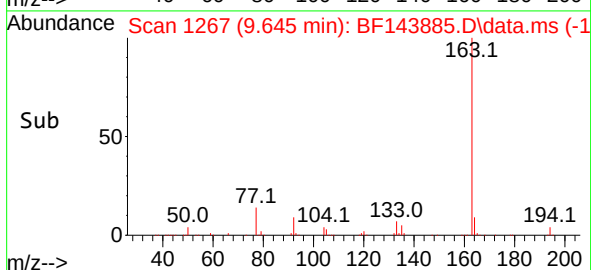
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

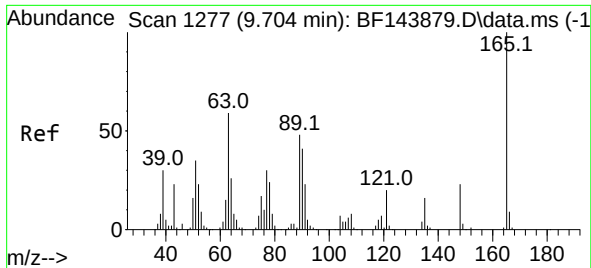


#50
Dimethylphthalate
Concen: 44.157 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:163 Resp: 829296
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.157 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

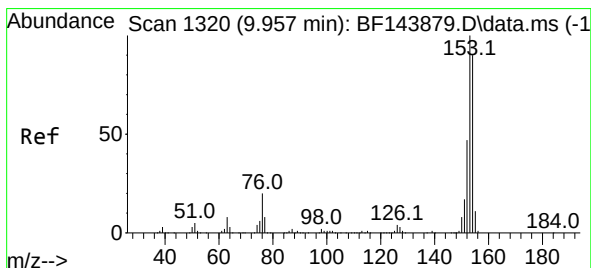
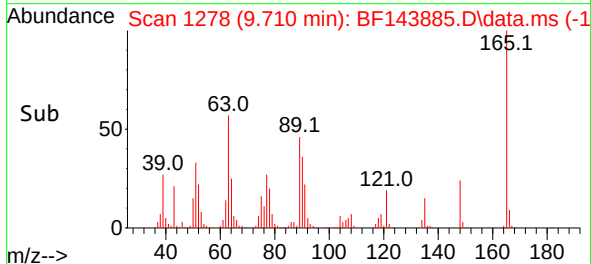
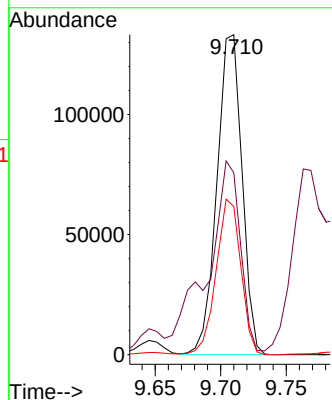
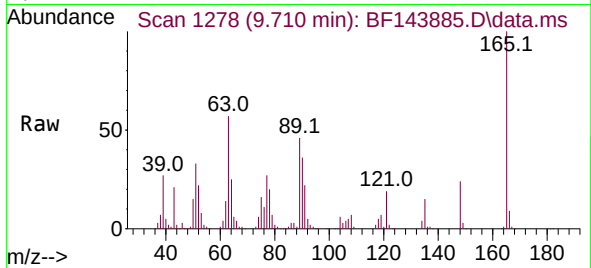
PB169953BS

Tgt Ion:165 Resp: 17815
Ion Ratio Lower Upper
165 100
63 56.8 47.3 70.9
89 46.3 38.2 57.4

Manual Integrations

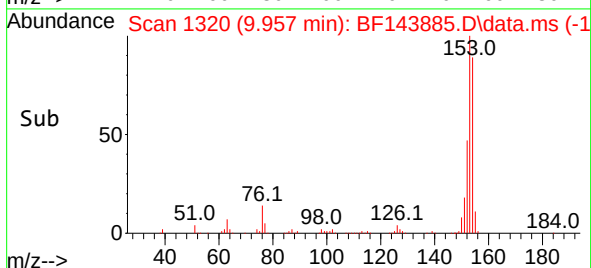
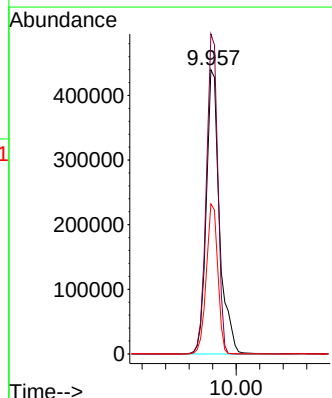
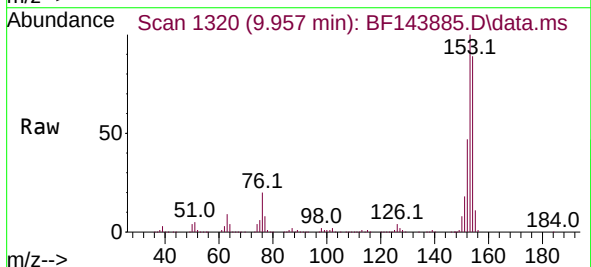
APPROVED

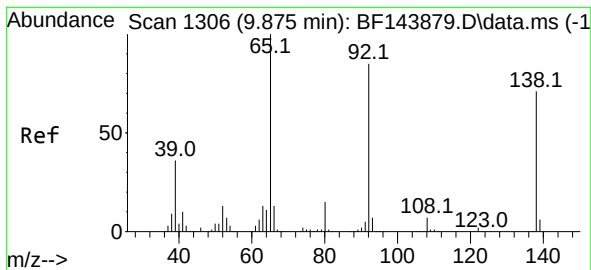
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#52
Acenaphthene
Concen: 45.864 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Tgt Ion:154 Resp: 689742
Ion Ratio Lower Upper
154 100
153 112.6 89.3 133.9
152 52.8 42.2 63.2





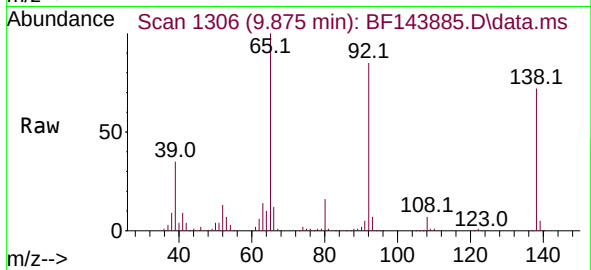
#53
3-Nitroaniline
Concen: 37.755 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



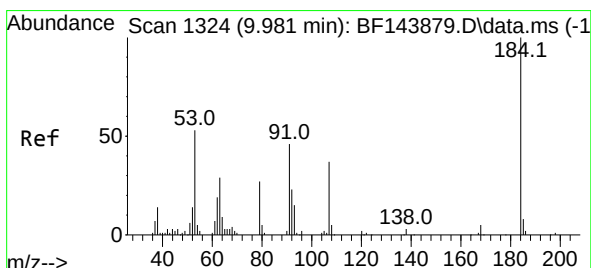
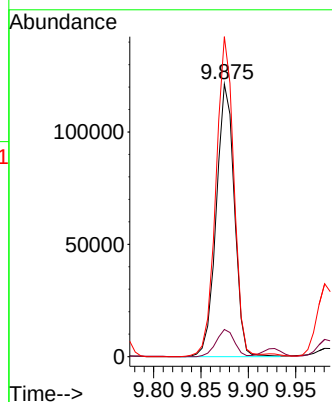
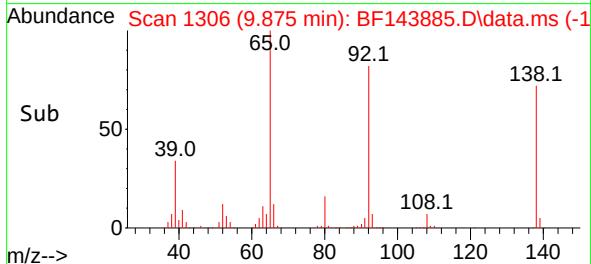
Tgt Ion:138 Resp: 160994
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 117.4 96.2 144.2

Manual Integrations

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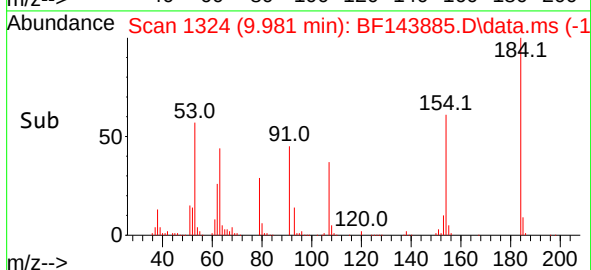
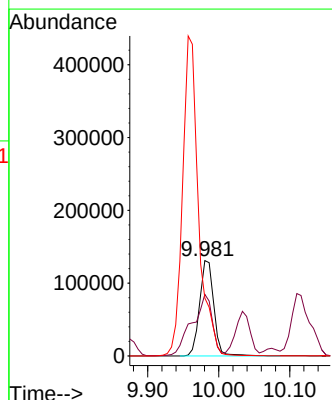
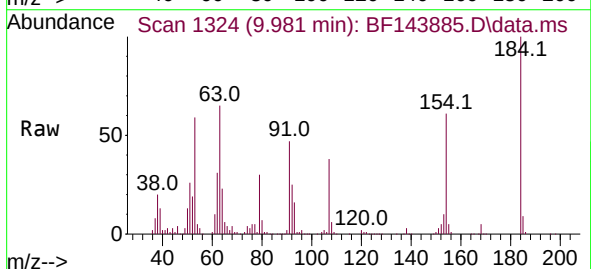
Reviewed By :Rahul Chavli 10/07/2025

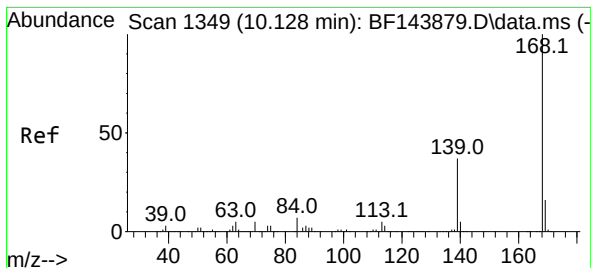
Supervised By :Jagrut Upadhyay 10/07/2025



#54
2,4-Dinitrophenol
Concen: 83.522 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Tgt Ion:184 Resp: 180135
Ion Ratio Lower Upper
184 100
63 64.6 48.2 72.4
154 60.7 49.2 73.8





#55

Dibenzenofuran

Concen: 42.850 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:168 Resp: 909673

Ion Ratio Lower Upper

168 100

139 37.4 29.8 44.8

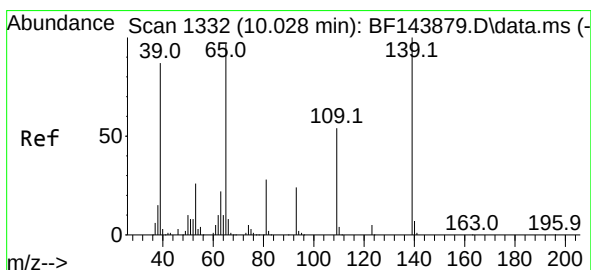
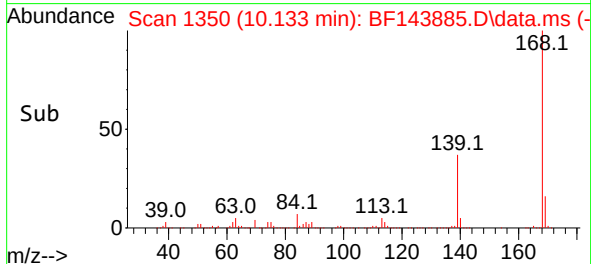
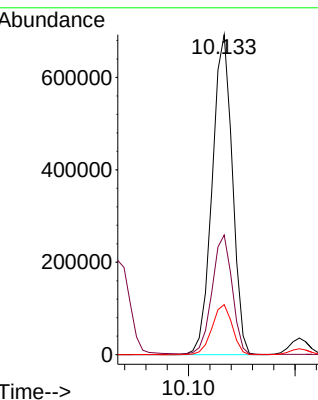
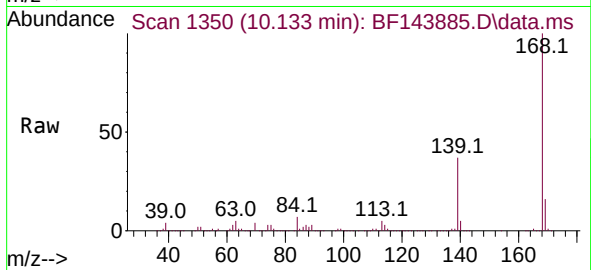
169 15.6 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 92.216 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

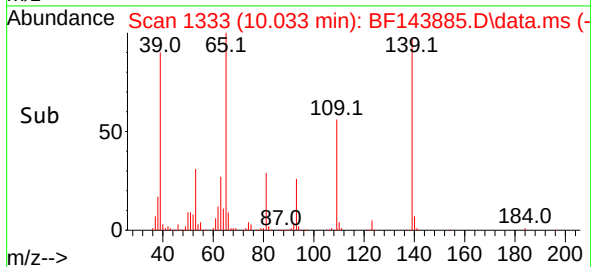
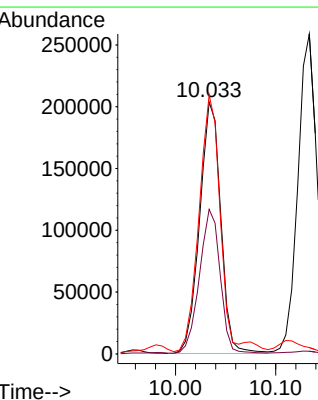
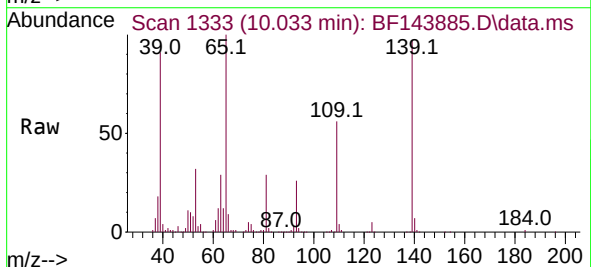
Tgt Ion:139 Resp: 297735

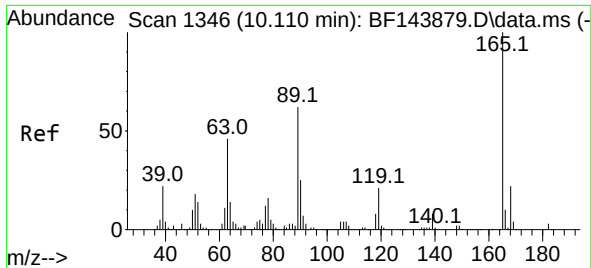
Ion Ratio Lower Upper

139 100

109 57.4 34.5 74.5

65 102.9 77.6 117.6





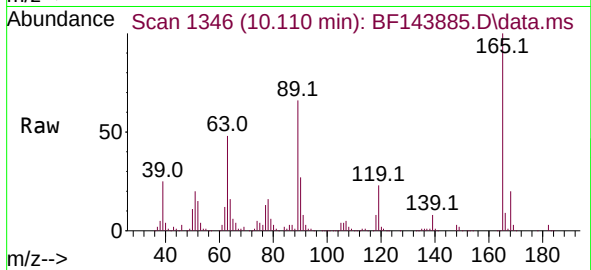
#57
2,4-Dinitrotoluene
Concen: 50.862 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

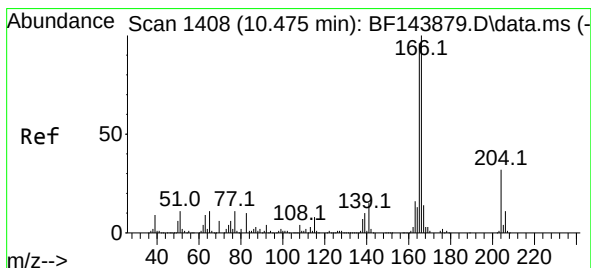
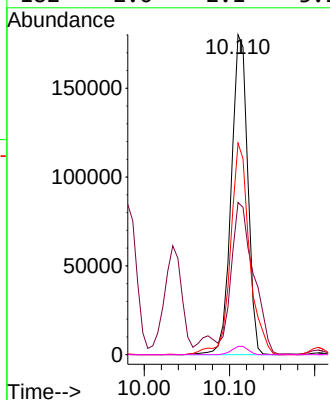
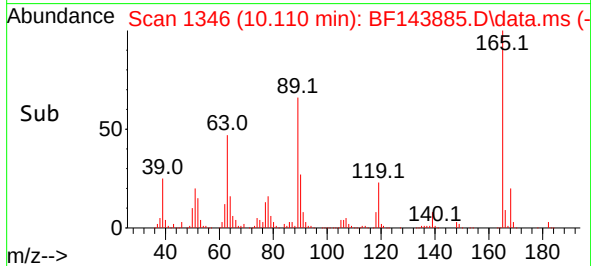


Tgt Ion:165 Resp: 241007
Ion Ratio Lower Upper
165 100
63 47.5 37.2 55.8
89 66.1 49.4 74.2
182 2.6 2.1 3.1

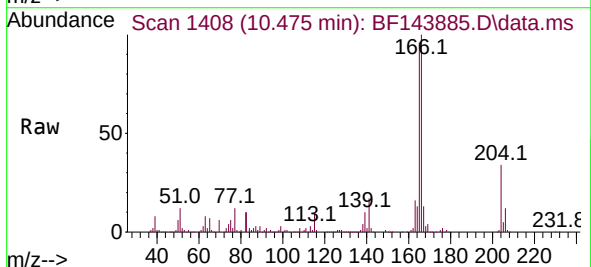
Manual Integrations

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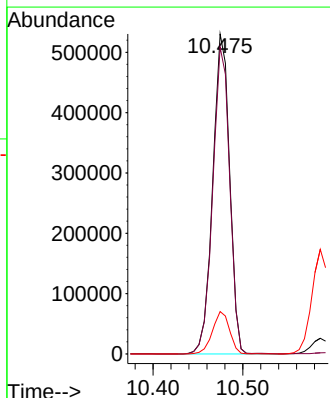
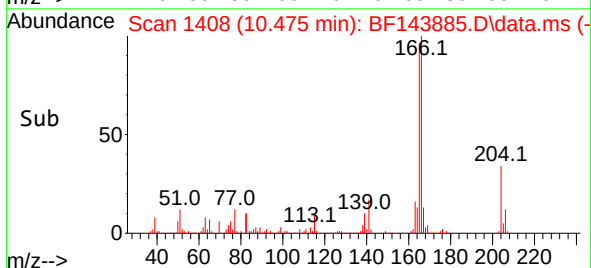
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

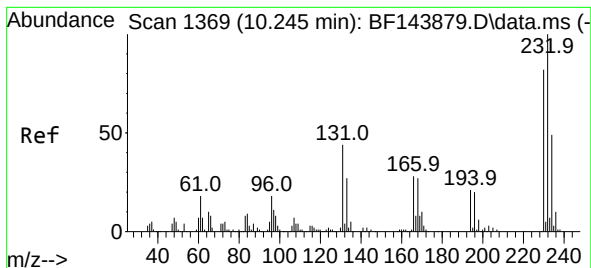


#58
Fluorene
Concen: 43.288 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:166 Resp: 693425
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.2 11.1 16.7





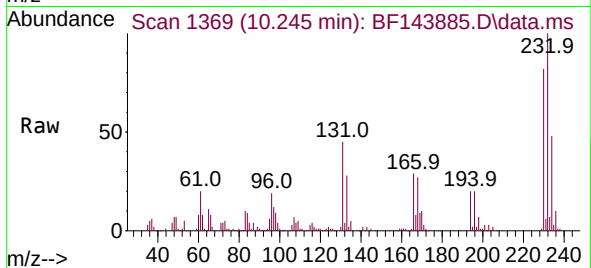
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.681 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



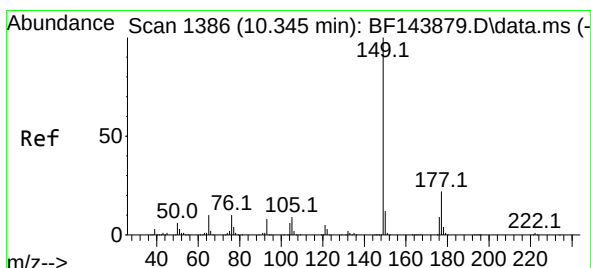
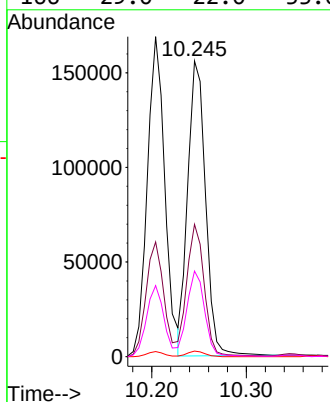
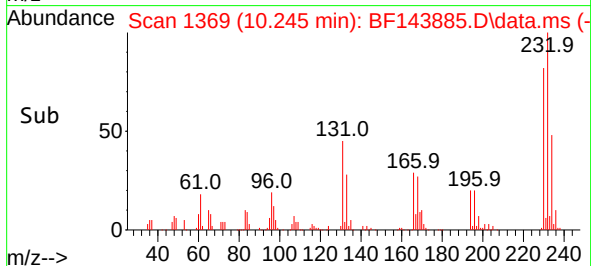
Tgt Ion:232 Resp: 204081
Ion Ratio Lower Upper
232 100
131 44.9 34.9 52.3
130 1.9 1.6 2.4
166 29.0 22.0 33.0

Manual Integrations

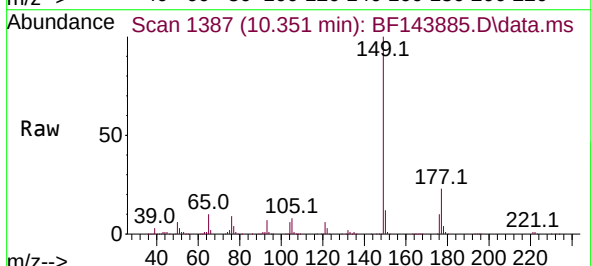
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

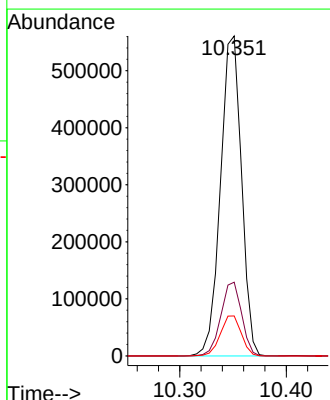
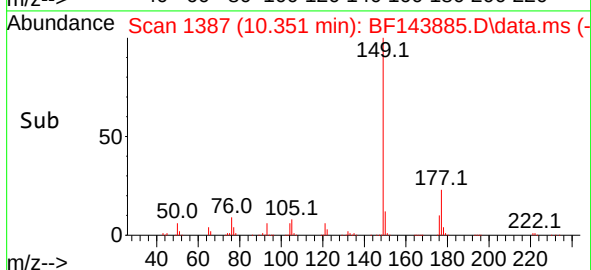
Supervised By :Jagrut Upadhyay 10/07/2025

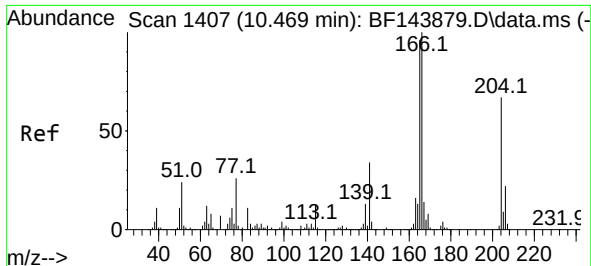


#60
Diethylphthalate
Concen: 44.132 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



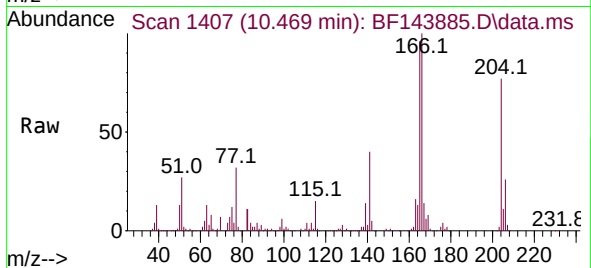
Tgt Ion:149 Resp: 769993
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.243 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

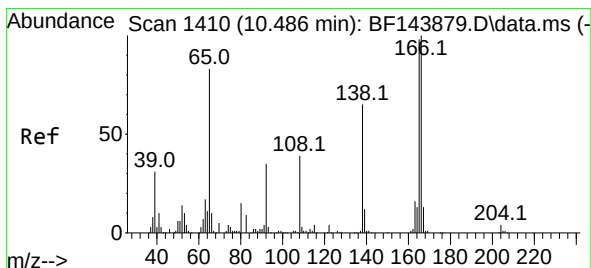
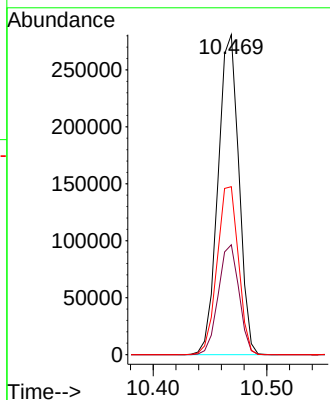
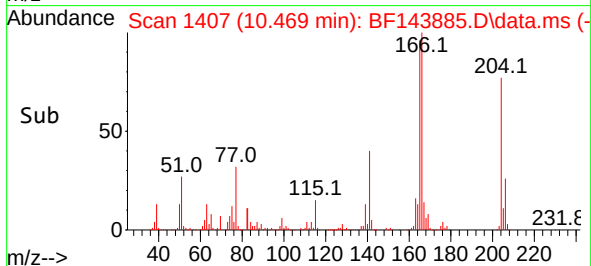
Instrument :
BNA_F
ClientSampleId :
PB169953BS



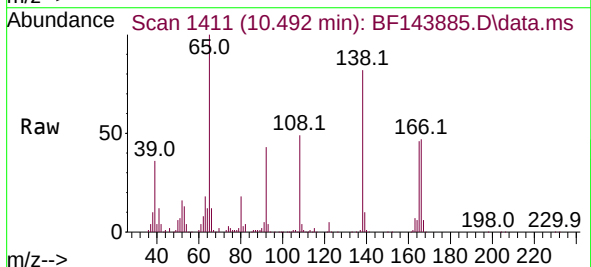
Tgt Ion:204 Resp: 357762
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.5 40.4 60.6

Manual Integrations
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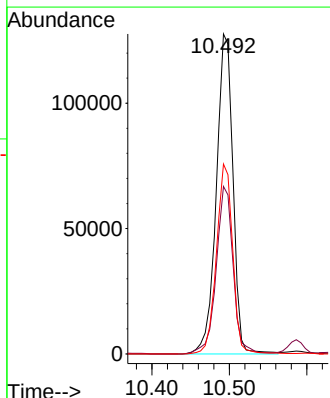
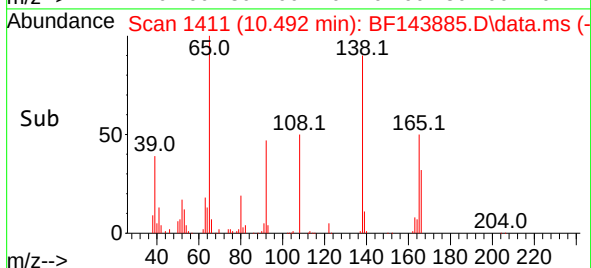
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

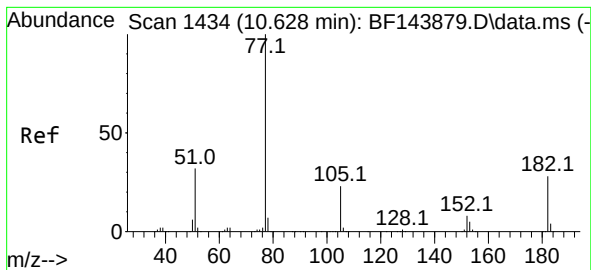


#62
4-Nitroaniline
Concen: 46.530 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



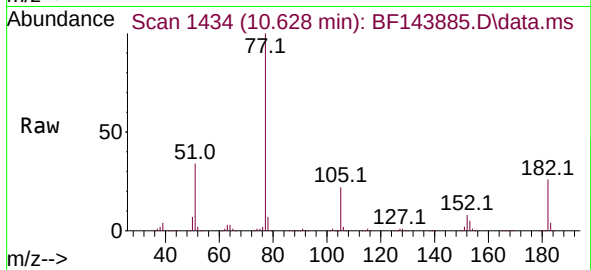
Tgt Ion:138 Resp: 190797
Ion Ratio Lower Upper
138 100
92 52.3 33.9 73.9
108 59.3 40.2 80.2





#63
Azobenzene
Concen: 45.024 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

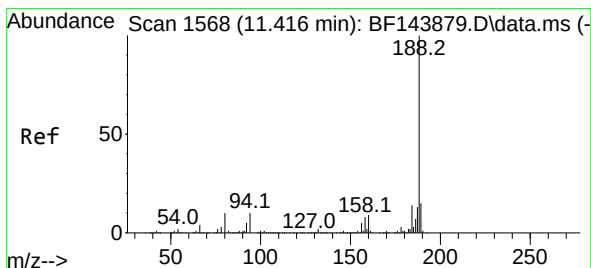
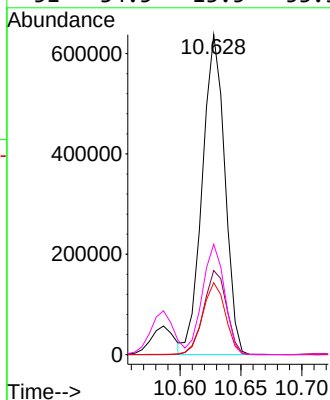
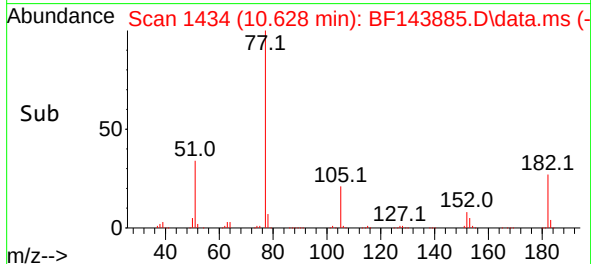
Instrument :
BNA_F
ClientSampleId :
PB169953BS



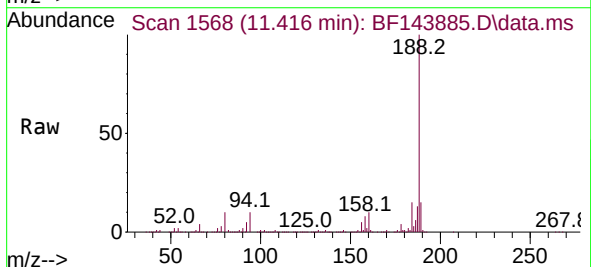
Tgt Ion: 77 Resp: 821005
Ion Ratio Lower Upper
77 100
182 26.3 7.3 47.3
105 22.5 3.0 43.0
51 34.5 13.5 53.5

Manual Integrations
APPROVED

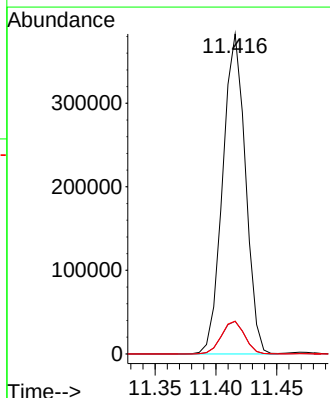
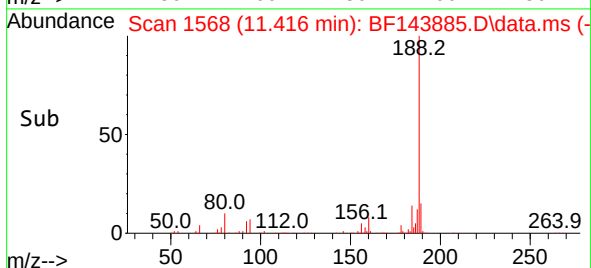
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

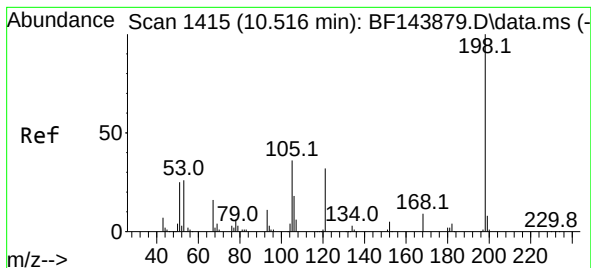


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



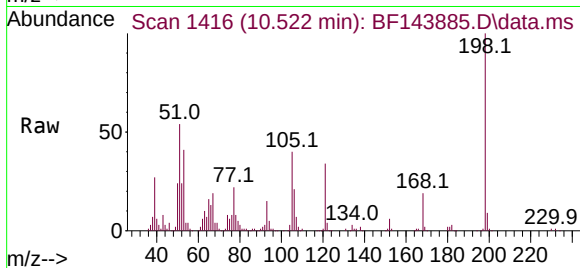
Tgt Ion:188 Resp: 498077
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.441 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

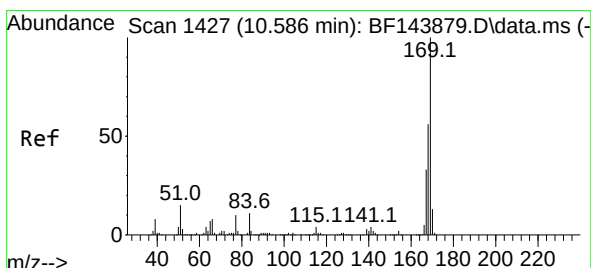
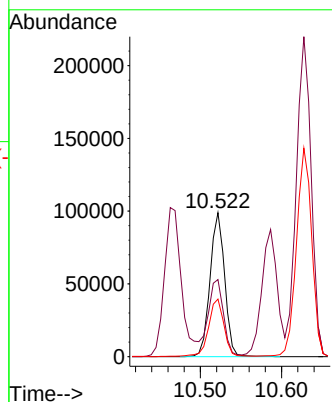
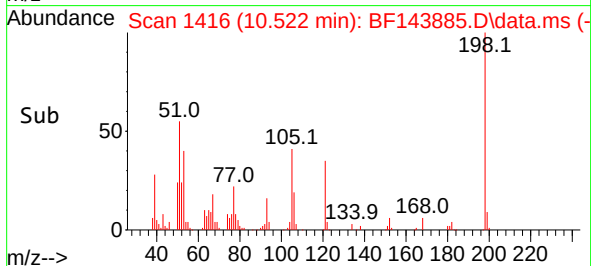
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:198 Resp: 123750
Ion Ratio Lower Upper
198 100
51 53.5 33.8 73.8
105 39.9 17.0 57.0

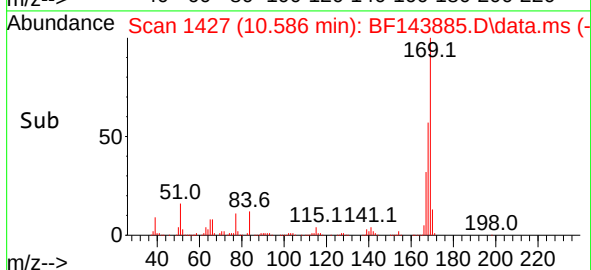
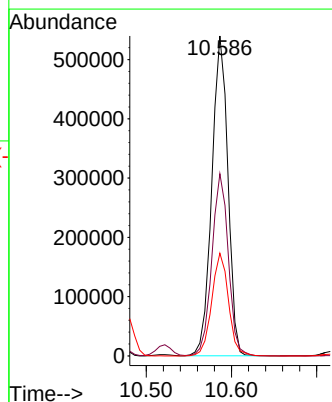
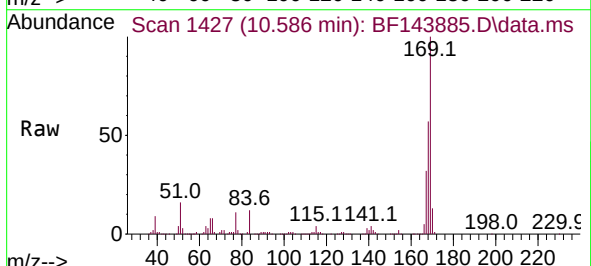
Manual Integrations
APPROVED

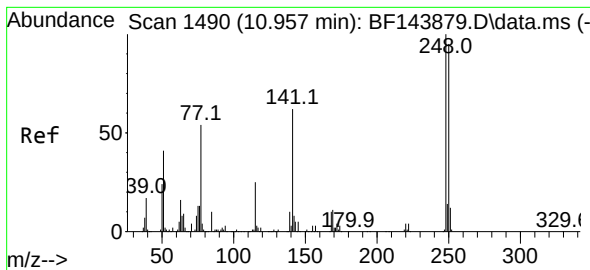
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#66
n-Nitrosodiphenylamine
Concen: 45.177 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

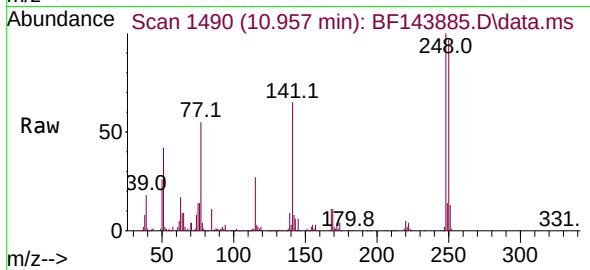
Tgt Ion:169 Resp: 706524
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.1 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 44.238 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

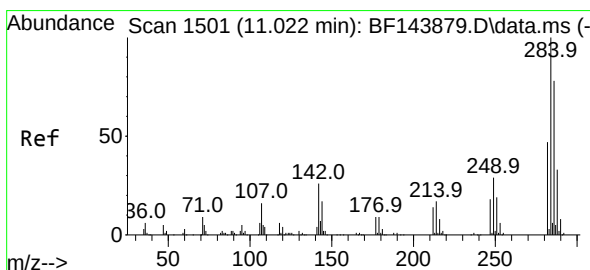
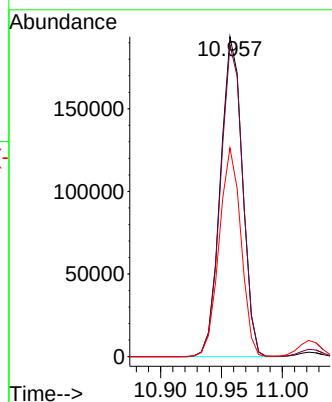
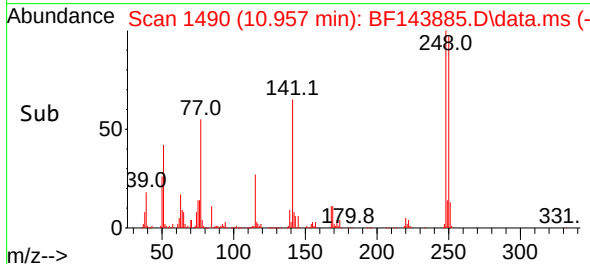
Instrument :
BNA_F
ClientSampleId :
PB169953BS



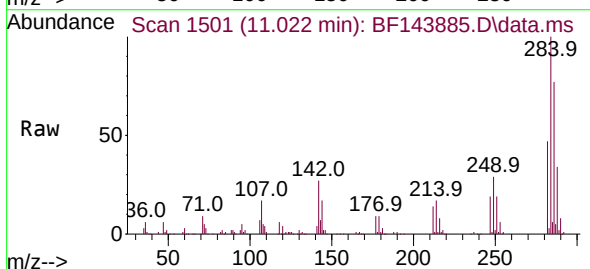
Tgt Ion:248 Resp: 243510
Ion Ratio Lower Upper
248 100
250 97.4 76.3 114.5
141 65.2 49.7 74.5

Manual Integrations
APPROVED

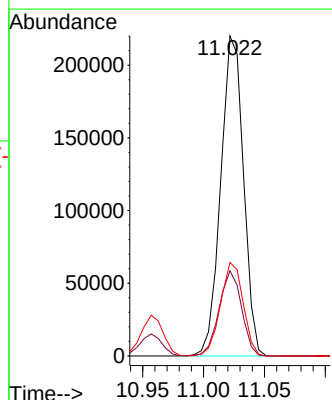
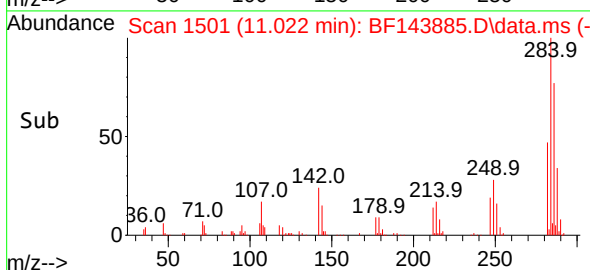
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

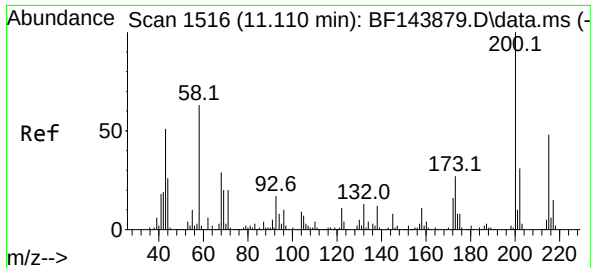


#68
Hexachlorobenzene
Concen: 44.810 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



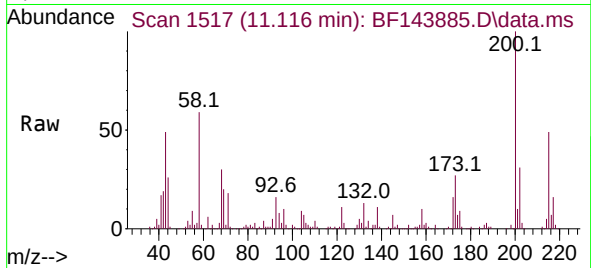
Tgt Ion:284 Resp: 285555
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 29.2 23.2 34.8





#69
 Atrazine
 Concen: 48.255 ng
 RT: 11.116 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07

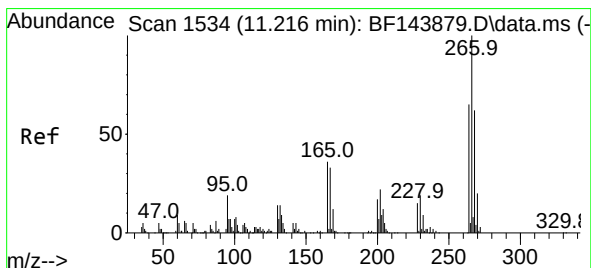
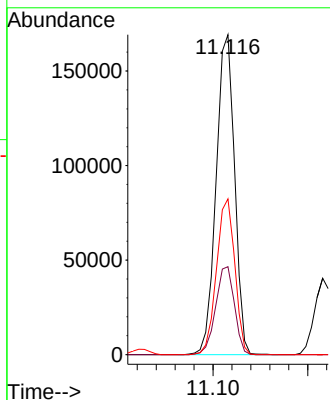
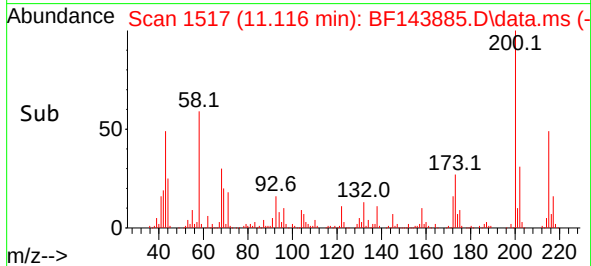
Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS



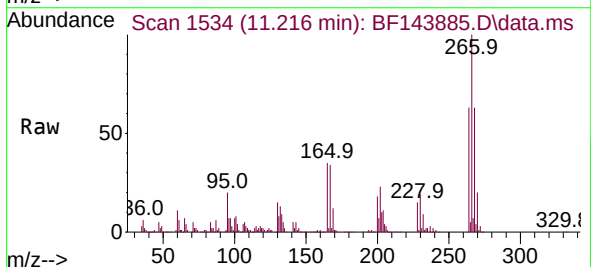
Tgt Ion:200 Resp: 228736
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.0 47.0
 215 48.7 27.8 67.8

Manual Integrations
 APPROVED

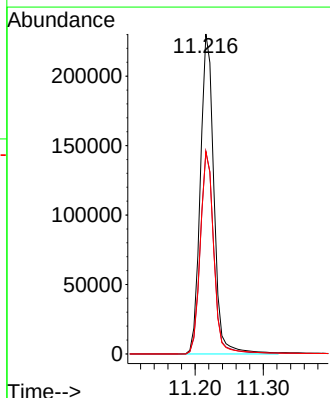
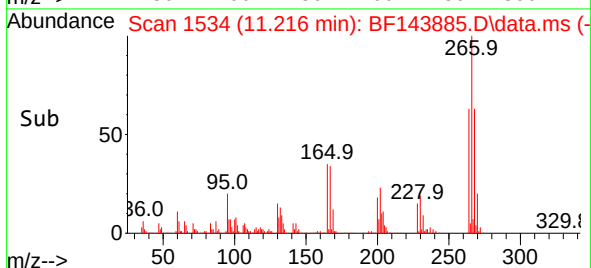
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

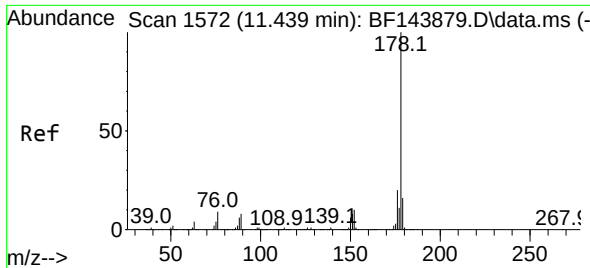


#70
 Pentachlorophenol
 Concen: 87.138 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07



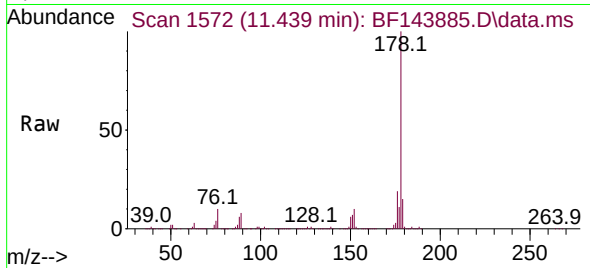
Tgt Ion:266 Resp: 318924
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.4 74.0
 264 63.2 51.8 77.6





#71
Phenanthrene
Concen: 44.122 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

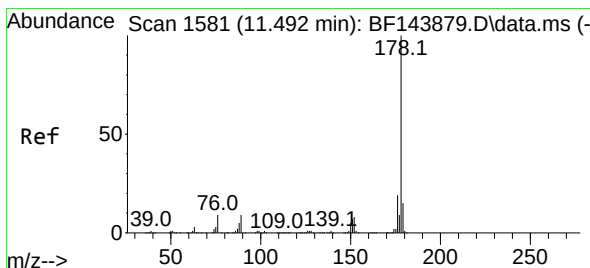
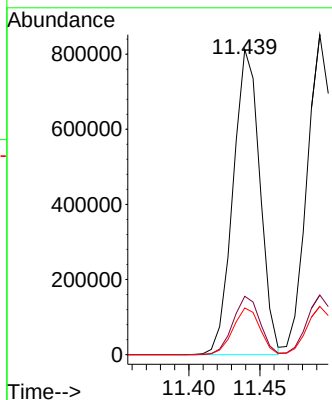
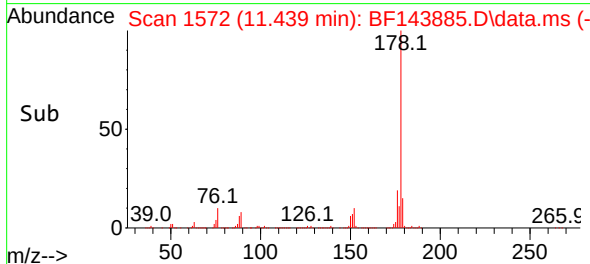
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:178 Resp: 1065408
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.3 12.4 18.6

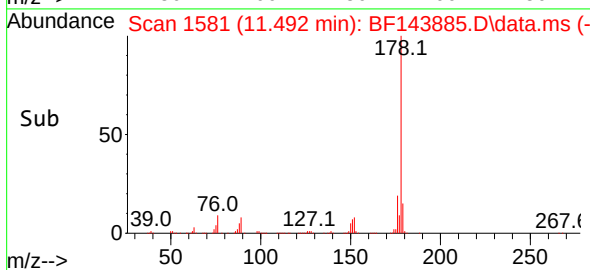
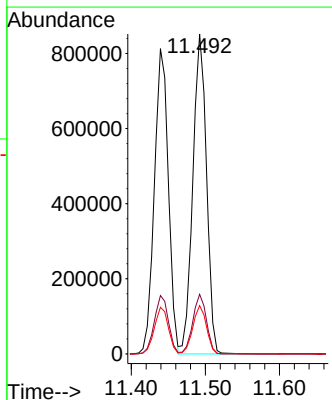
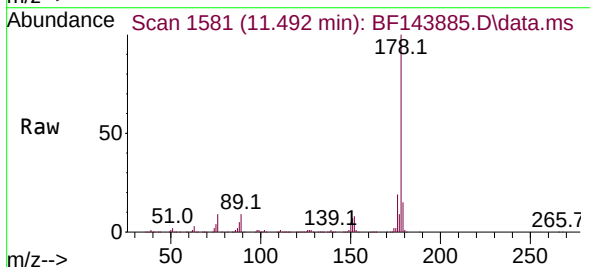
Manual Integrations
APPROVED

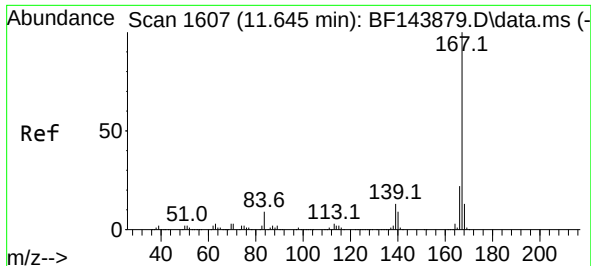
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#72
Anthracene
Concen: 44.675 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

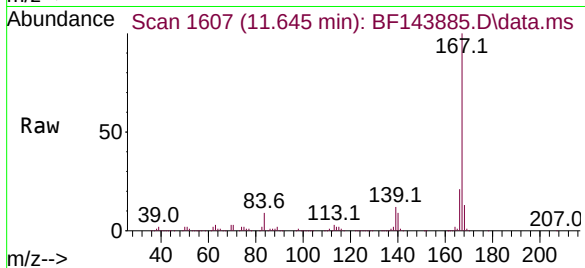
Tgt Ion:178 Resp: 1089814
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 45.432 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07

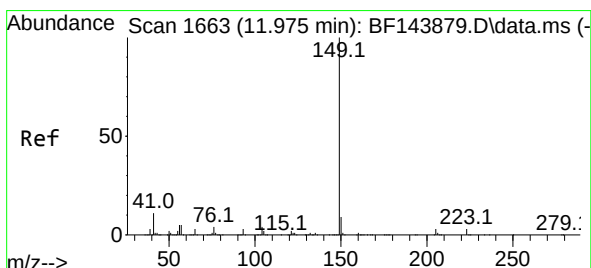
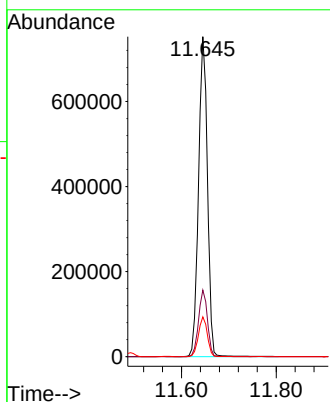
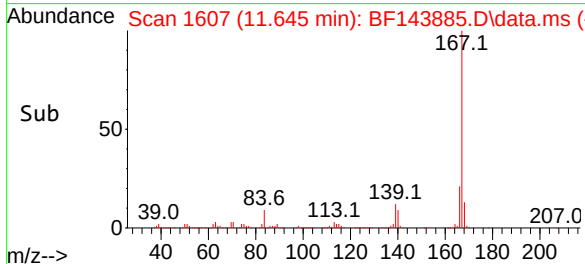
Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS



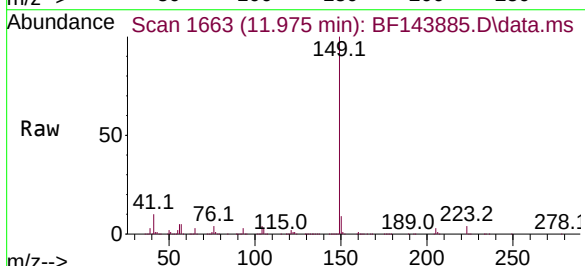
Tgt Ion:167 Resp: 981566
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.4 10.1 15.1

Manual Integrations
 APPROVED

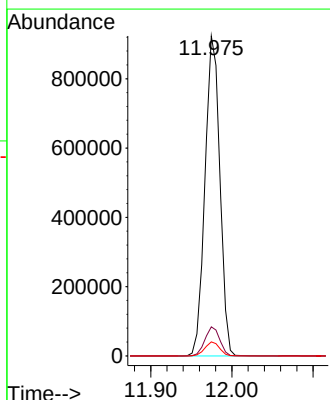
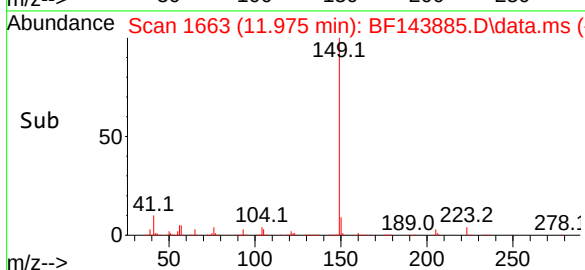
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

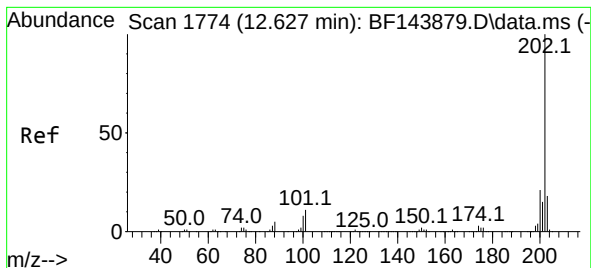


#74
 Di-n-butylphthalate
 Concen: 47.045 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07



Tgt Ion:149 Resp: 1177984
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.4 3.4 5.2





#75

Fluoranthene

Concen: 45.607 ng

RT: 12.633 min Scan# 1775

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:202 Resp: 1137528

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

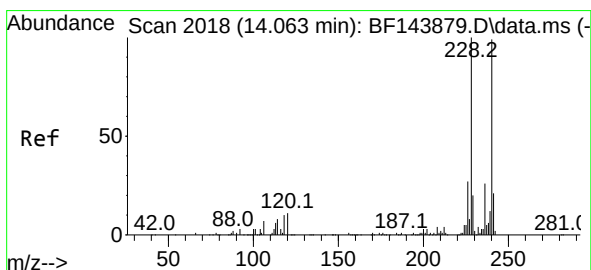
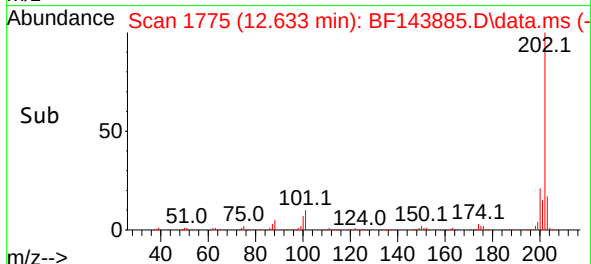
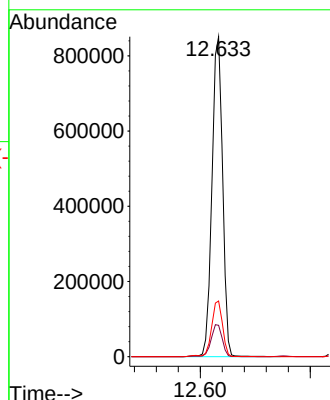
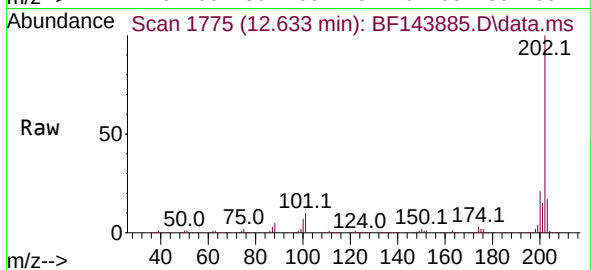
203 17.4 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

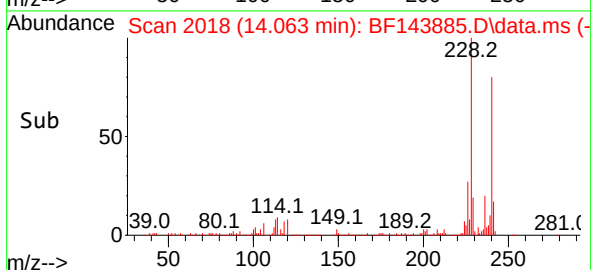
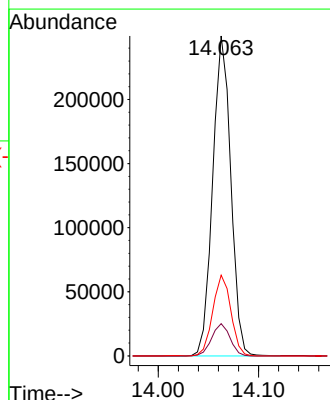
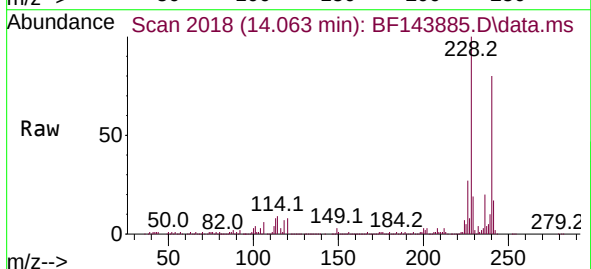
Tgt Ion:240 Resp: 313084

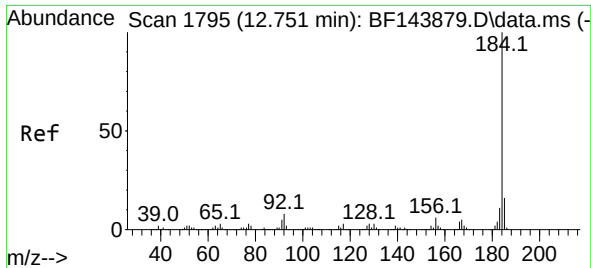
Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

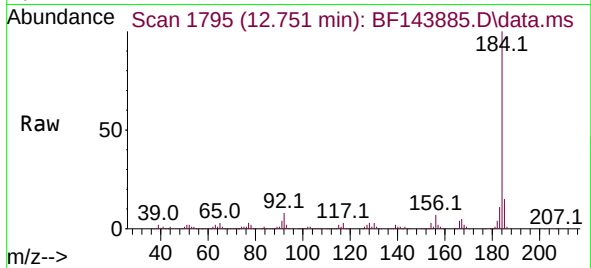
236 25.2 21.1 31.7





#77
Benzidine
Concen: 50.207 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

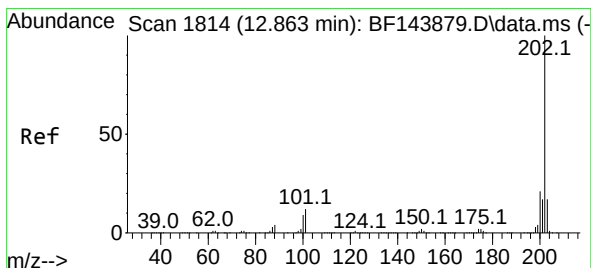
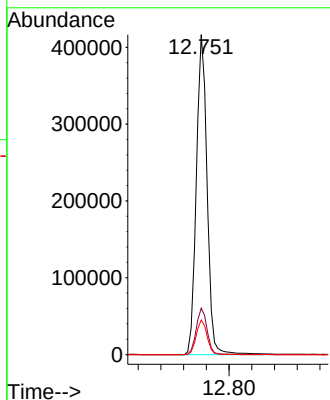
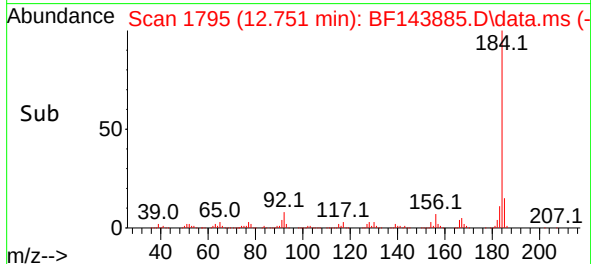
Instrument :
BNA_F
ClientSampleId :
PB169953BS



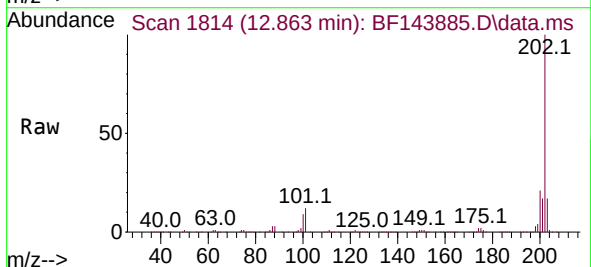
Tgt Ion:184 Resp: 545801
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 10.8 8.8 13.2

Manual Integrations
APPROVED

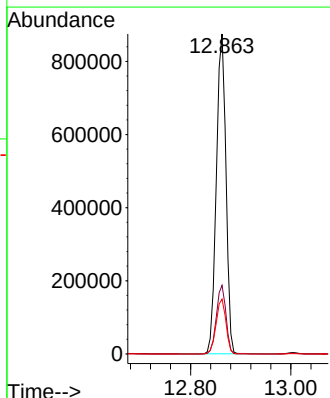
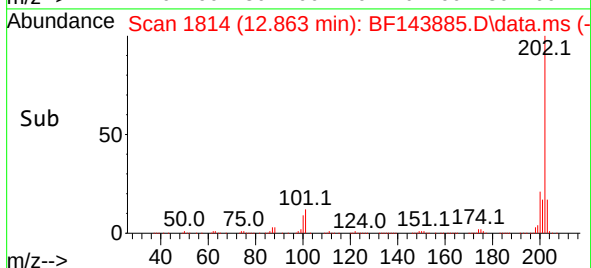
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

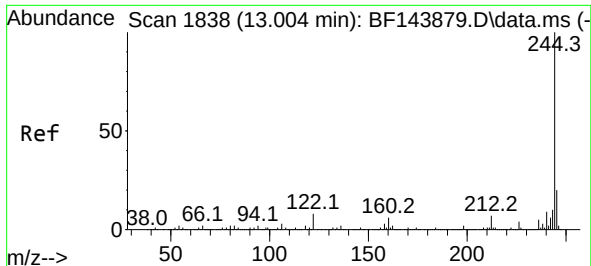


#78
Pyrene
Concen: 44.473 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



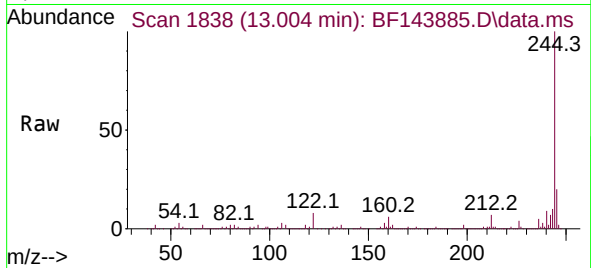
Tgt Ion:202 Resp: 1160821
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 93.576 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07

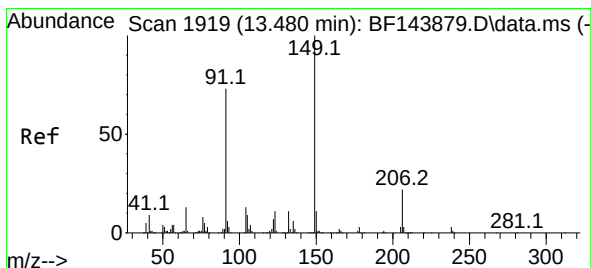
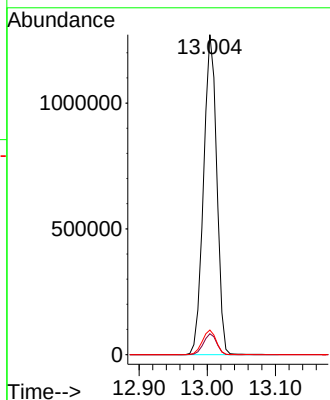
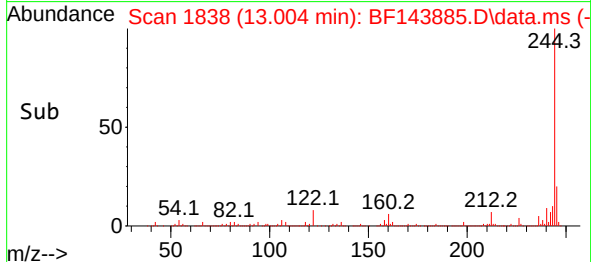
Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS



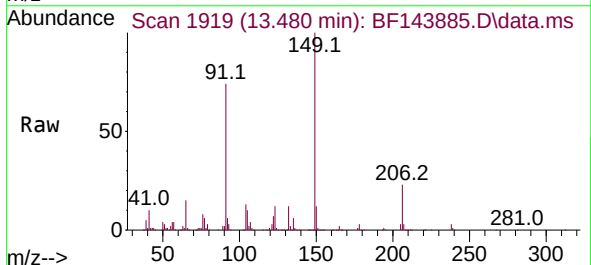
Tgt Ion:244 Resp: 171420
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 7.7 6.4 9.6

Manual Integrations
 APPROVED

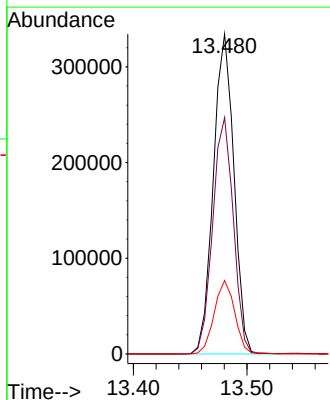
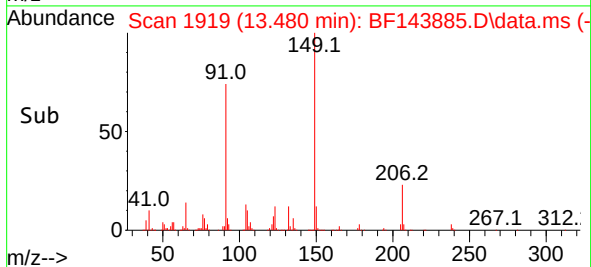
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

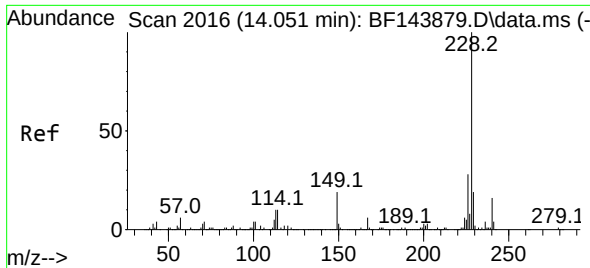


#80
 Butylbenzylphthalate
 Concen: 49.572 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143885.D
 Acq: 06 Oct 2025 17:07



Tgt Ion:149 Resp: 420214
 Ion Ratio Lower Upper
 149 100
 91 73.8 58.2 87.2
 206 22.9 17.9 26.9





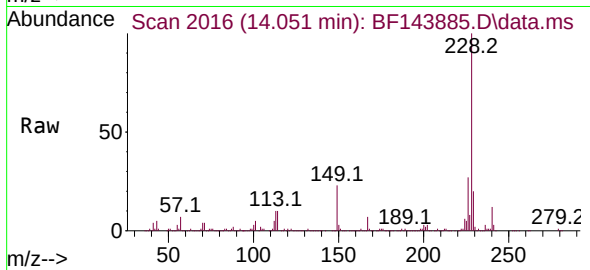
#81
Benzo(a)anthracene
Concen: 44.065 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



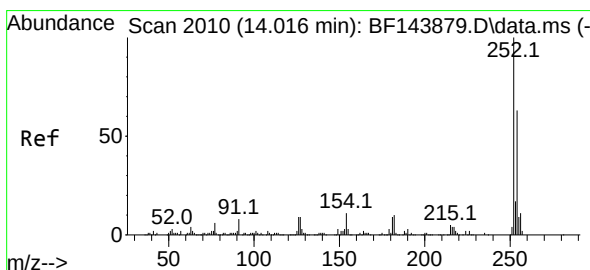
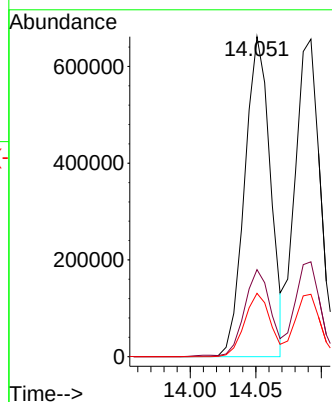
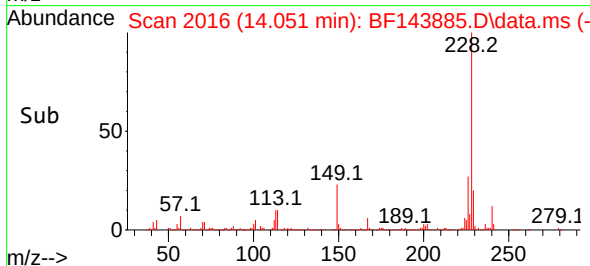
Tgt Ion:228 Resp: 902828
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.8 15.6 23.4

Manual Integrations

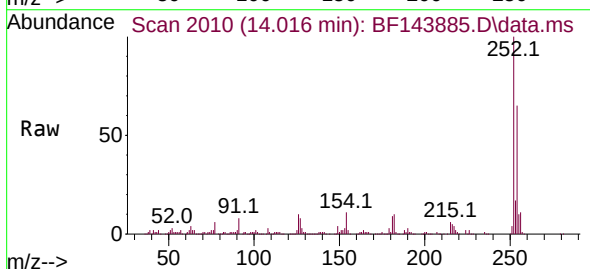
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

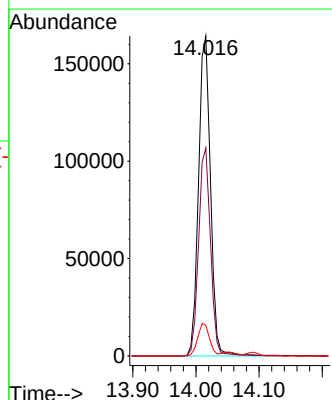
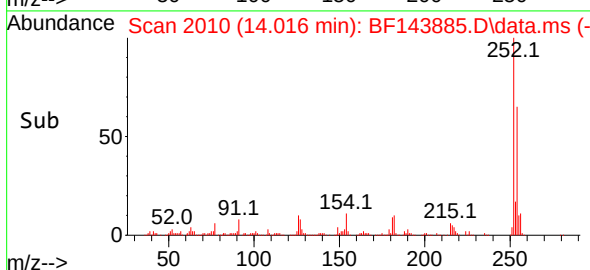
Supervised By :Jagrut Upadhyay 10/07/2025

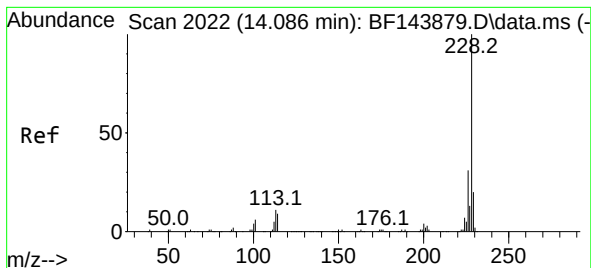


#82
3,3'-Dichlorobenzidine
Concen: 34.670 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:252 Resp: 216473
Ion Ratio Lower Upper
252 100
254 65.0 50.6 76.0
126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.748 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

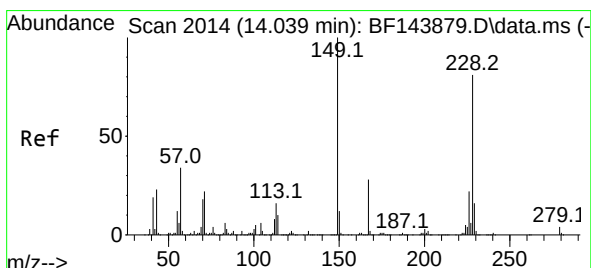
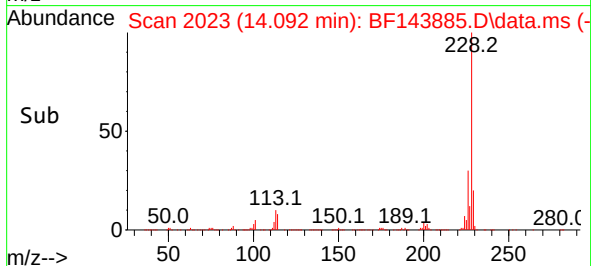
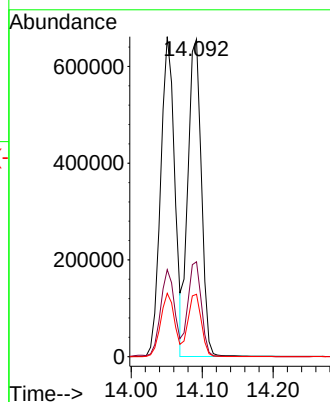
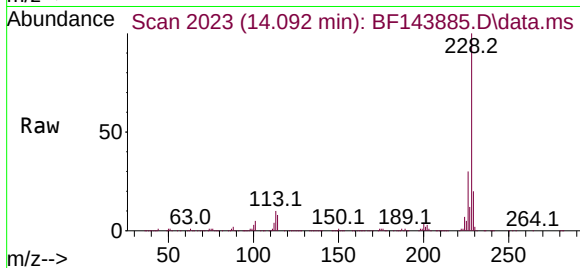
Tgt Ion:	228	Resp:	867498
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	19.6	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.638 ng

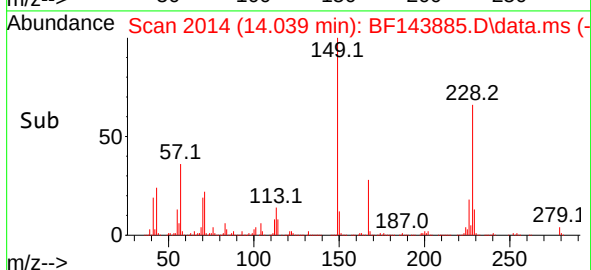
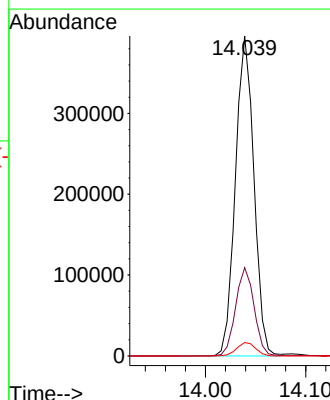
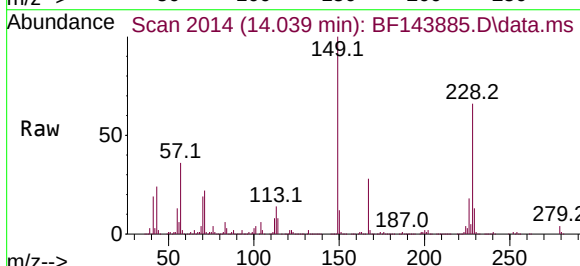
RT: 14.039 min Scan# 2014

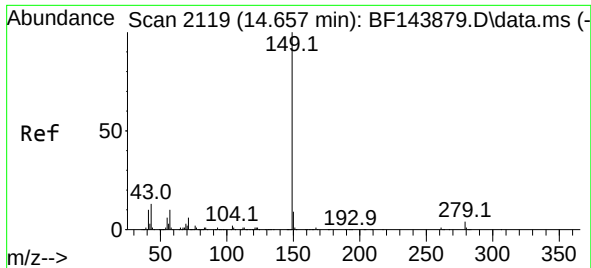
Delta R.T. 0.000 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

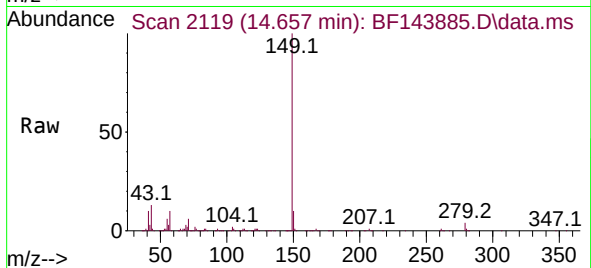
Tgt Ion:	149	Resp:	507223
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	4.2	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 47.960 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

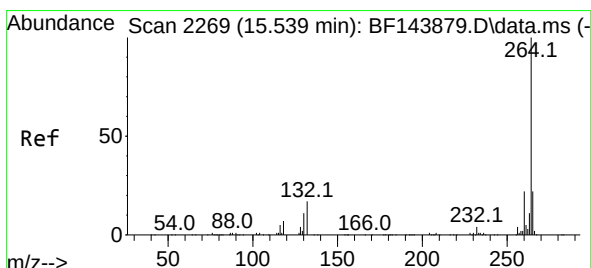
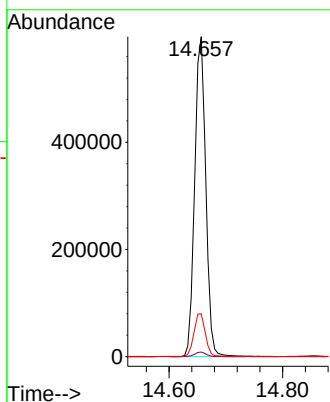
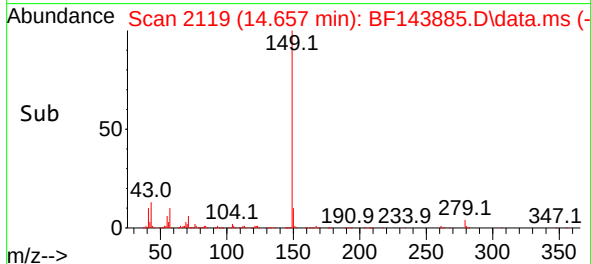
Instrument :
BNA_F
ClientSampleId :
PB169953BS



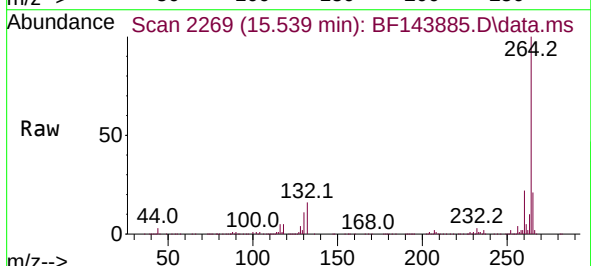
Tgt Ion:149 Resp: 804918
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.6 11.0 16.4

Manual Integrations
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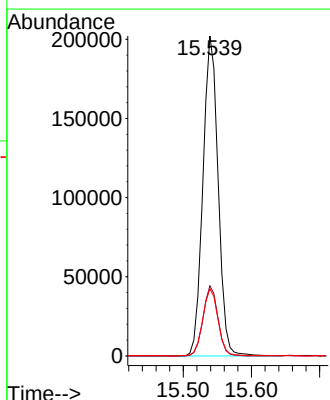
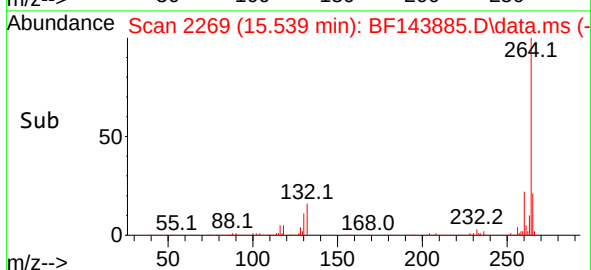
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

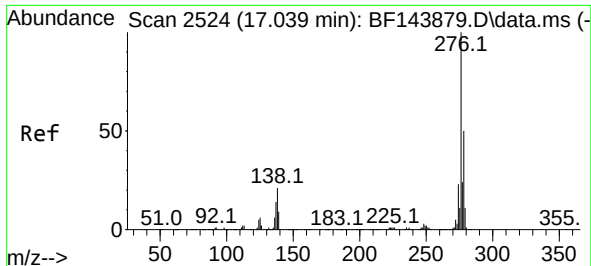


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:264 Resp: 313555
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.0 17.5 26.3





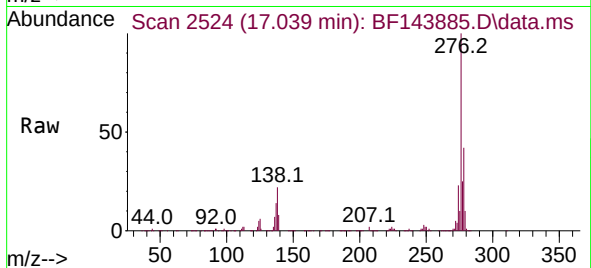
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.019 ng
RT: 17.039 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

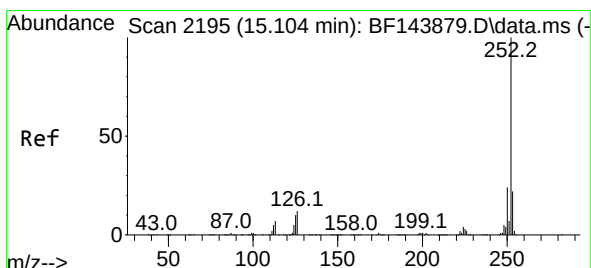
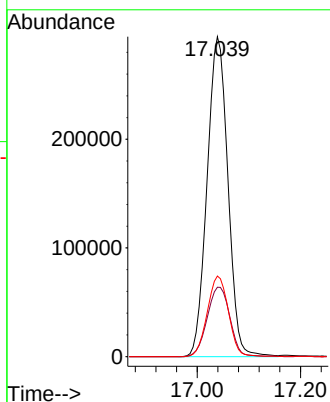
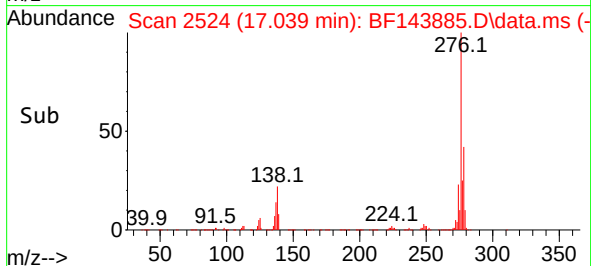


Tgt Ion:276 Resp: 826525
Ion Ratio Lower Upper
276 100
138 23.7 18.2 27.2
277 25.6 19.8 29.6

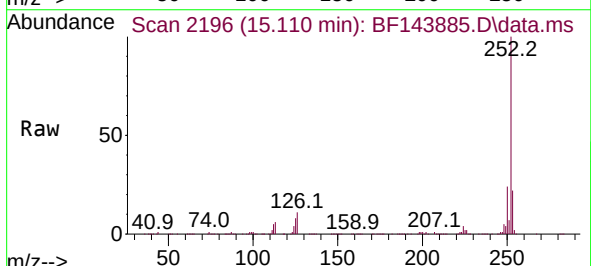
Manual Integrations

APPROVED

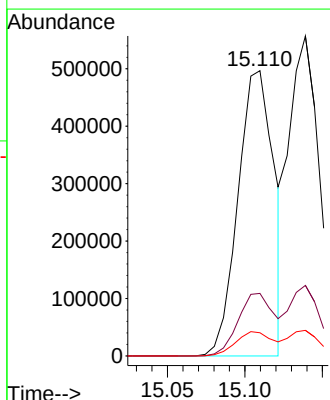
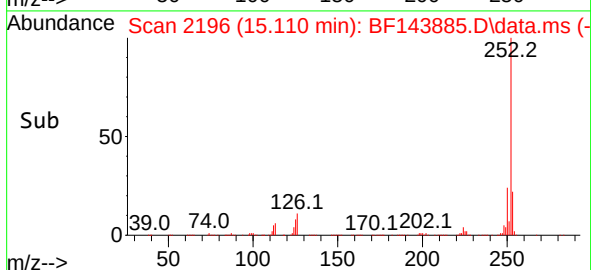
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

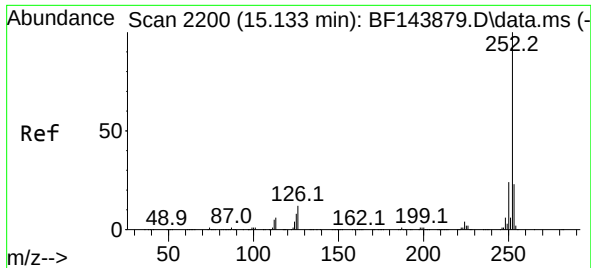


#88
Benzo(b)fluoranthene
Concen: 44.624 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:252 Resp: 803754
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.172 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143885.D

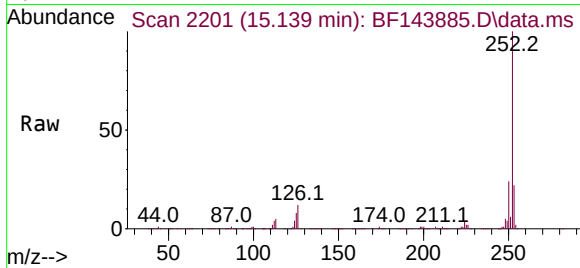
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS



Tgt Ion:252 Resp: 769528

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

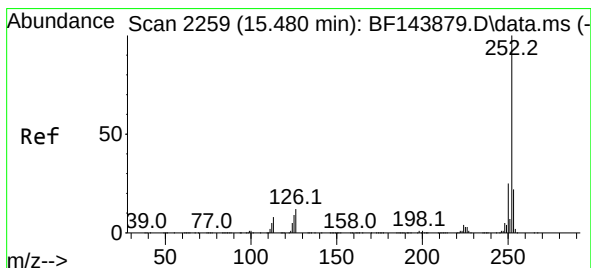
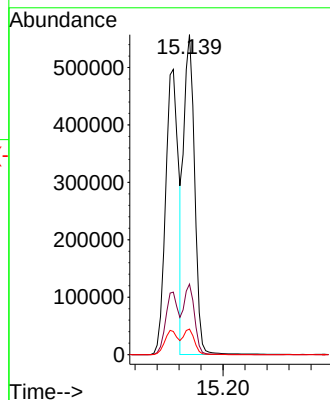
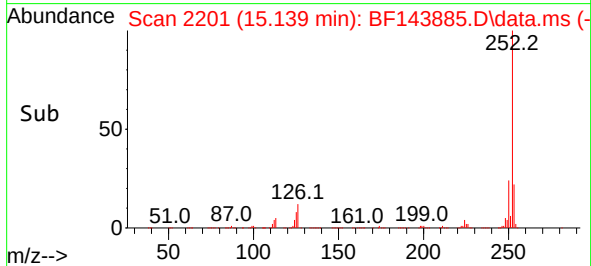
125 8.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 47.239 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143885.D

Acq: 06 Oct 2025 17:07

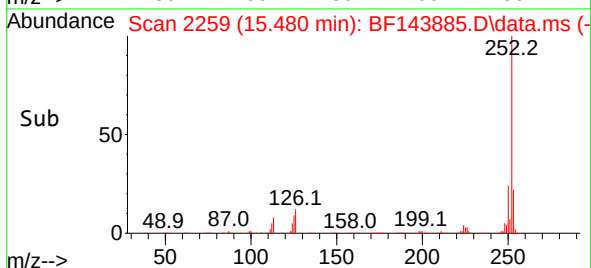
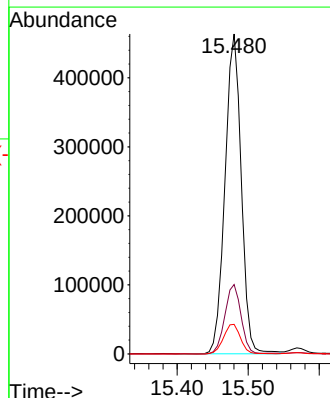
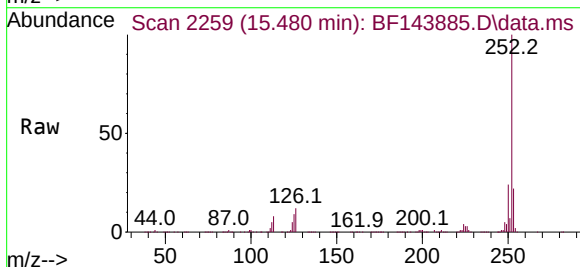
Tgt Ion:252 Resp: 737762

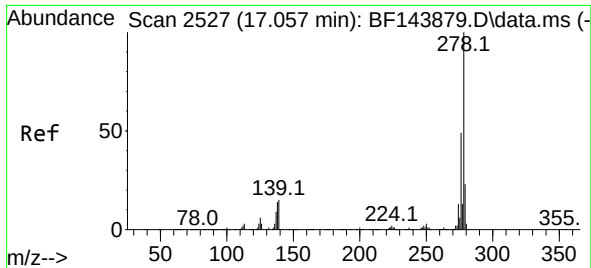
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.2 7.0 10.4





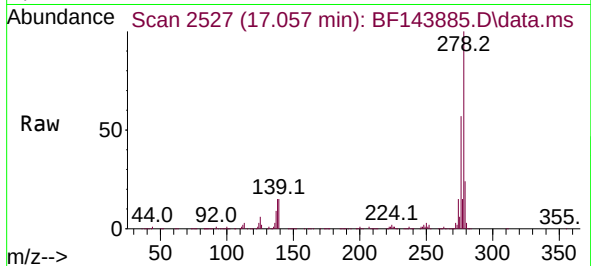
#91
Dibenzo(a,h)anthracene
Concen: 43.889 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

PB169953BS

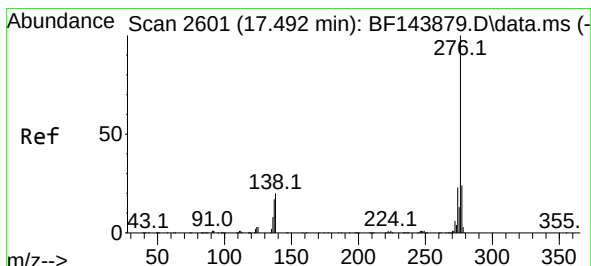
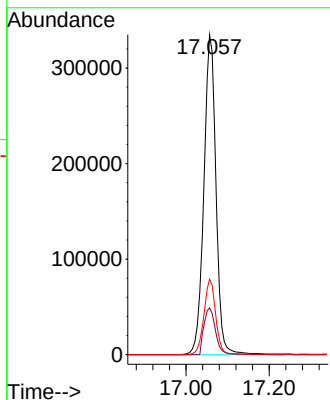
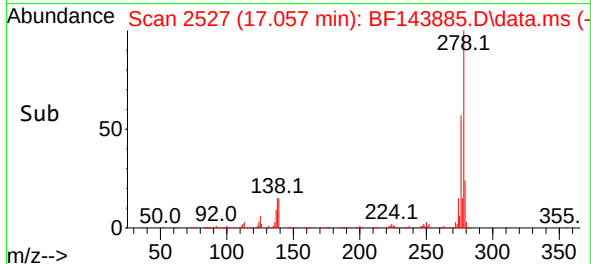


Tgt Ion:278 Resp: 678186
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.6 18.4 27.6

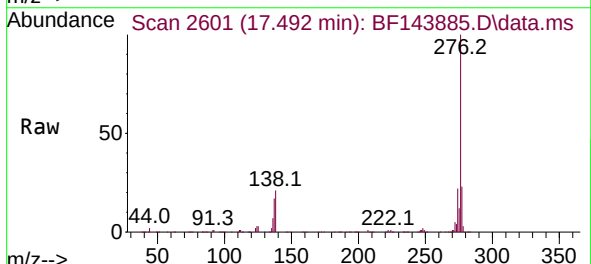
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#92
Benzo(g,h,i)perylene
Concen: 44.693 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143885.D
Acq: 06 Oct 2025 17:07



Tgt Ion:276 Resp: 690608
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.6
138 21.2 16.1 24.1

