

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142987.D
 Acq On : 03 Jul 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 11:17:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	62161	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	229765	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116751	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	185461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	107728	20.000	ng	0.00
86) Perylene-d12	15.545	264	131364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	287239	76.934	ng	0.00
7) Phenol-d6	6.510	99	335649	76.199	ng	0.00
23) Nitrobenzene-d5	7.440	82	352226	84.085	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	93379	77.722	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	759551	85.464	ng	-0.01
79) Terphenyl-d14	12.992	244	598225	76.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	53465	35.803	ng	99
3) Pyridine	3.399	79	134024	35.799	ng	98
4) n-Nitrosodimethylamine	3.346	42	70336	36.332	ng	97
6) Aniline	6.540	93	218104	37.212	ng	97
8) 2-Chlorophenol	6.663	128	156373	38.827	ng	96
9) Benzaldehyde	6.428	77	108361	41.465	ng	98
10) Phenol	6.522	94	185049	37.793	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	132714	37.924	ng	97
12) 1,3-Dichlorobenzene	6.816	146	174345	38.707	ng	100
13) 1,4-Dichlorobenzene	6.893	146	175396	38.596	ng	99
14) 1,2-Dichlorobenzene	7.045	146	167185	38.787	ng	100
15) Benzyl Alcohol	7.016	79	122618	38.506	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	199779	35.533	ng	85
17) 2-Methylphenol	7.128	107	117070	38.358	ng	99
18) Hexachloroethane	7.387	117	61470	38.672	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	97286	37.974	ng	99
20) 3+4-Methylphenols	7.287	107	149761	39.355	ng	94
22) Acetophenone	7.287	105	199714	39.417	ng	100
24) Nitrobenzene	7.457	77	146546	38.653	ng	99
25) Isophorone	7.698	82	255453	38.016	ng	100
26) 2-Nitrophenol	7.775	139	83211	40.290	ng	100
27) 2,4-Dimethylphenol	7.810	122	132297	36.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	165636	38.772	ng	99
29) 2,4-Dichlorophenol	8.022	162	126088	38.871	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	138995	38.968	ng	99
31) Naphthalene	8.181	128	441104	39.221	ng	100
32) Benzoic acid	7.922	122	59400	32.577	ng	98
33) 4-Chloroaniline	8.228	127	177185	38.745	ng	99
34) Hexachlorobutadiene	8.292	225	87828	40.255	ng	99
35) Caprolactam	8.604	113	32839	38.365	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	124017	38.469	ng	98
37) 2-Methylnaphthalene	8.875	142	268912	38.568	ng	100
38) 1-Methylnaphthalene	8.969	142	280877	38.914	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	138759	40.279	ng	99
41) Hexachlorocyclopentadiene	9.022	237	62479	31.960	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	88434	39.395	ng	99

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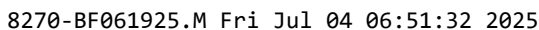
Quant Time: Jul 03 11:17:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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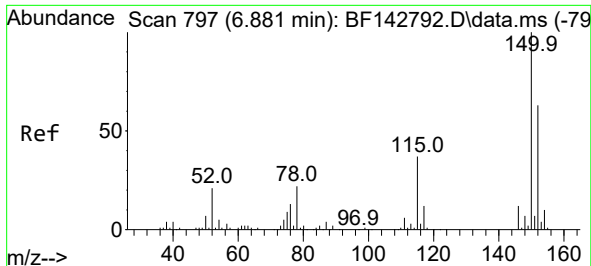
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	94408	39.952	ng	98
46) 1,1'-Biphenyl	9.339	154	365699	39.652	ng	100
47) 2-Chloronaphthalene	9.363	162	273280	39.486	ng	100
48) 2-Nitroaniline	9.457	65	75404	38.861	ng	99
49) Acenaphthylene	9.781	152	443510	38.927	ng	100
50) Dimethylphthalate	9.634	163	298300	39.472	ng	100
51) 2,6-Dinitrotoluene	9.704	165	64947	39.133	ng	95
52) Acenaphthene	9.951	154	273709m	39.375	ng	
53) 3-Nitroaniline	9.869	138	70835	38.765	ng	98
54) 2,4-Dinitrophenol	9.986	184	30559	36.773	ng	96
55) Dibenzofuran	10.122	168	381239	38.246	ng	99
56) 4-Nitrophenol	10.039	139	52736	42.156	ng	98
57) 2,4-Dinitrotoluene	10.110	165	85245	38.668	ng	94
58) Fluorene	10.469	166	307774	39.535	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72431	38.026	ng	95
60) Diethylphthalate	10.334	149	293374	39.592	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	146416	39.414	ng	99
62) 4-Nitroaniline	10.486	138	63187	37.809	ng	98
63) Azobenzene	10.616	77	250925	37.889	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	43324	38.620	ng	97
66) n-Nitrosodiphenylamine	10.575	169	257976	40.136	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	85828	40.663	ng	96
68) Hexachlorobenzene	11.016	284	91556	39.037	ng	98
69) Atrazine	11.098	200	70039	42.197	ng	100
70) Pentachlorophenol	11.216	266	41380	35.407	ng	99
71) Phenanthrene	11.433	178	391835	39.002	ng	100
72) Anthracene	11.480	178	406285	39.432	ng	100
73) Carbazole	11.639	167	340680	38.315	ng	100
74) Di-n-butylphthalate	11.963	149	386639	41.741	ng	99
75) Fluoranthene	12.622	202	357341	37.478	ng	99
77) Benzidine	12.745	184	196289	48.497	ng	99
78) Pyrene	12.851	202	400958	39.708	ng	99
80) Butylbenzylphthalate	13.463	149	132794	45.336	ng	96
81) Benzo(a)anthracene	14.039	228	293122	40.334	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	100692	42.716	ng	98
83) Chrysene	14.080	228	248524	38.324	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	198476	47.096	ng	99
85) Di-n-octyl phthalate	14.633	149	366137	46.074	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	370993	37.078	ng	98
88) Benzo(b)fluoranthene	15.110	252	305182	40.149	ng	99
89) Benzo(k)fluoranthene	15.133	252	266707	37.503	ng	100
90) Benzo(a)pyrene	15.486	252	286573	39.025	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	300677	36.984	ng	98
92) Benzo(g,h,i)perylene	17.521	276	289923	35.763	ng	98

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

Manual Integrations

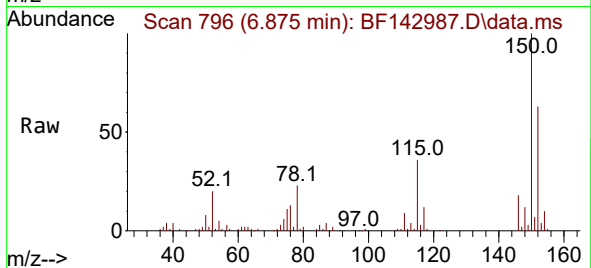
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

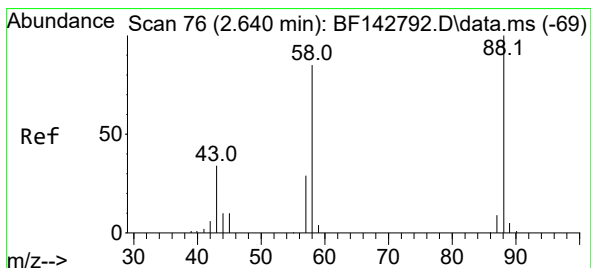
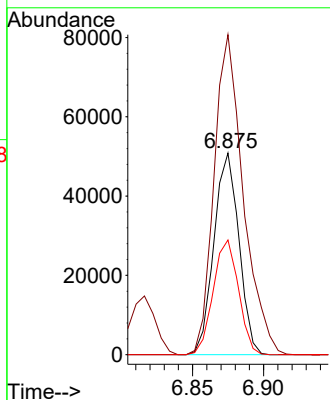
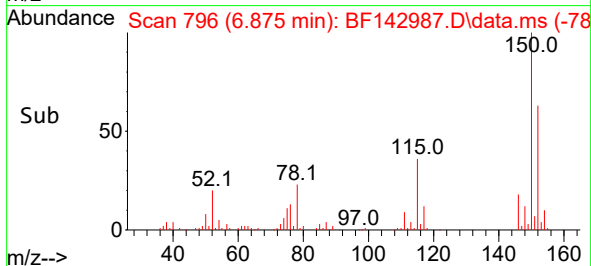
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 6216
Ion Ratio Lower Upper
152 100
150 158.7 127.2 190.8
115 56.9 46.6 69.8

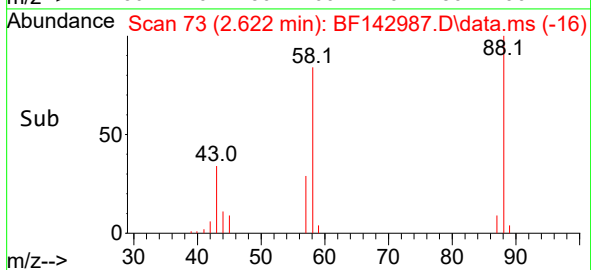
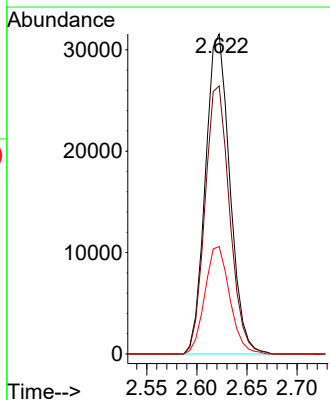
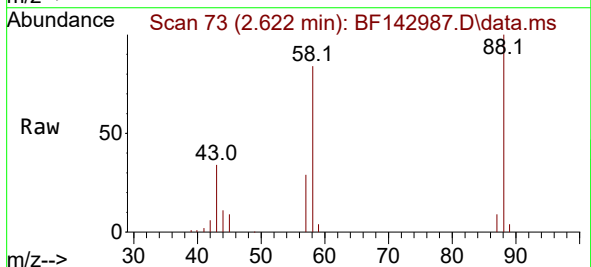
Manual Integrations
APPROVED

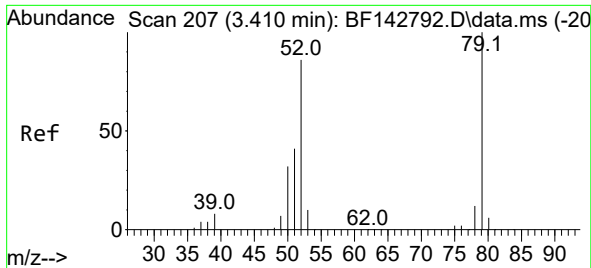
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#2
1,4-Dioxane
Concen: 35.803 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.017 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 88 Resp: 53465
Ion Ratio Lower Upper
88 100
58 84.6 69.1 103.7
43 34.3 27.4 41.2





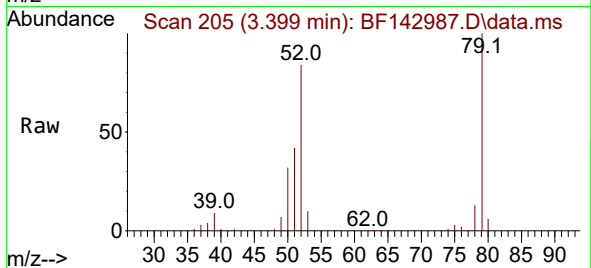
#3
Pyridine
Concen: 35.799 ng
RT: 3.399 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



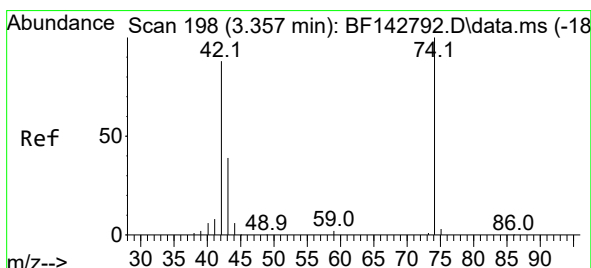
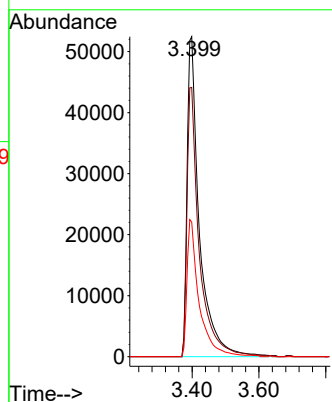
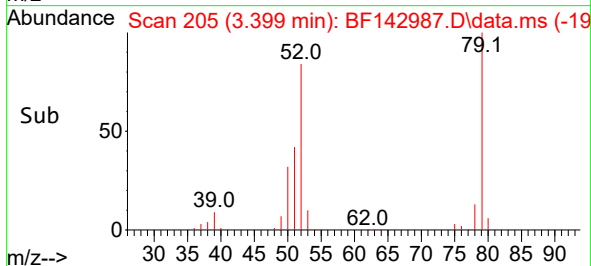
Tgt Ion: 79 Resp: 134024
Ion Ratio Lower Upper
79 100
52 84.2 69.2 103.8
51 42.1 33.2 49.8

Manual Integrations

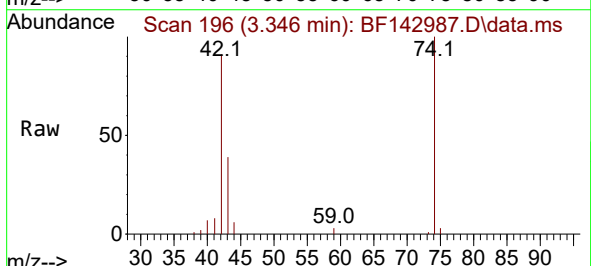
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

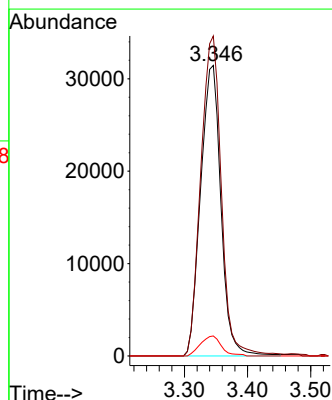
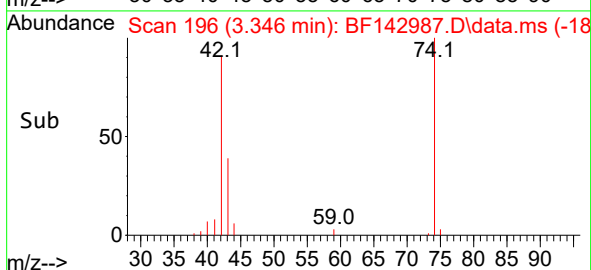
Supervised By :Jagrut Upadhyay 07/07/2025

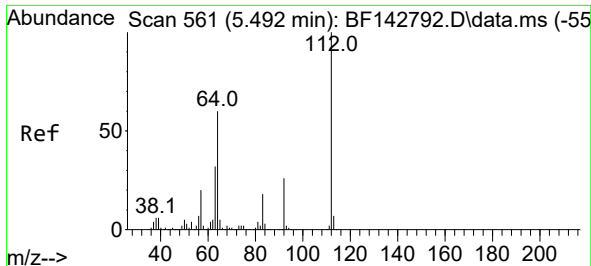


#4
n-Nitrosodimethylamine
Concen: 36.332 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion: 42 Resp: 70336
Ion Ratio Lower Upper
42 100
74 110.2 90.9 136.3
44 6.9 5.8 8.6





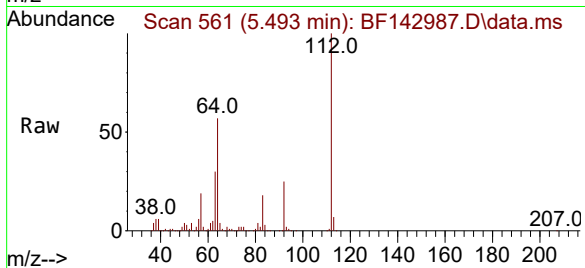
#5
2-Fluorophenol
Concen: 76.934 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

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ClientSampleId :

SSTDCCC040



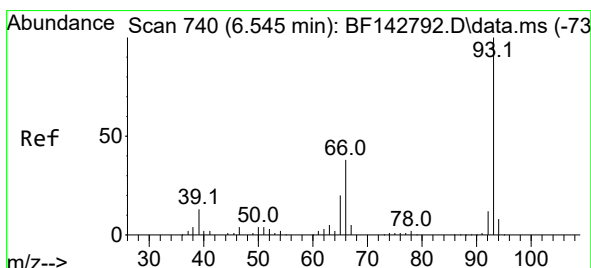
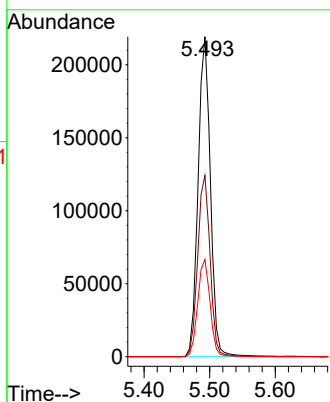
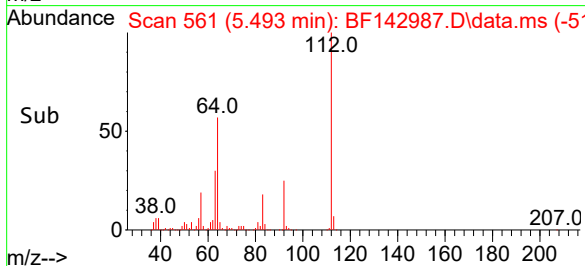
Tgt Ion:112 Resp: 287239
Ion Ratio Lower Upper
112 100
64 56.7 48.2 72.2
63 30.4 25.7 38.5

Manual Integrations

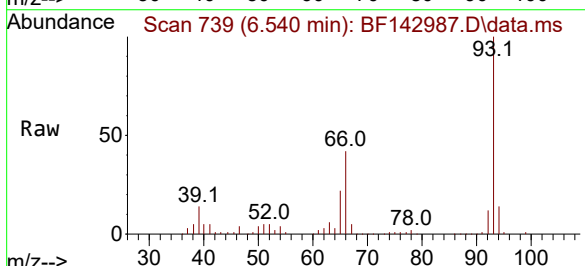
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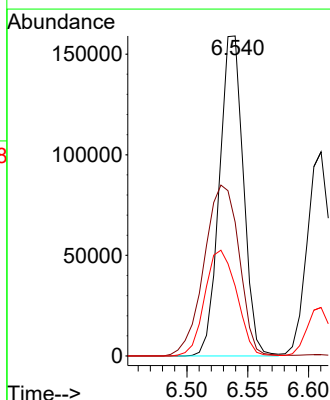
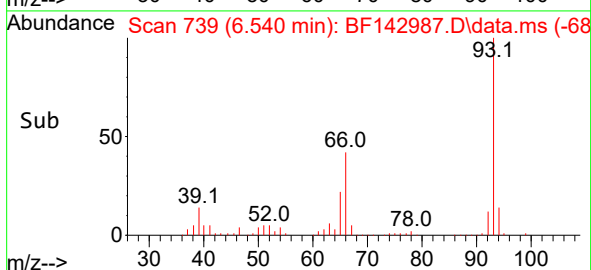
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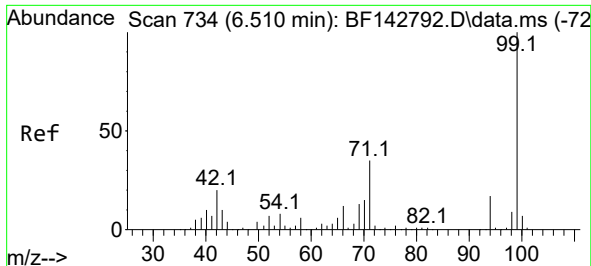


#6
Aniline
Concen: 37.212 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



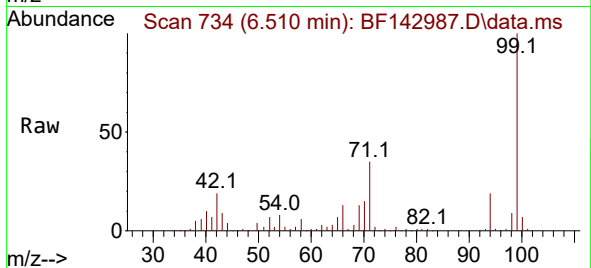
Tgt Ion: 93 Resp: 218104
Ion Ratio Lower Upper
93 100
66 41.8 31.8 47.6
65 21.9 16.2 24.2





#7
Phenol-d6
Concen: 76.199 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

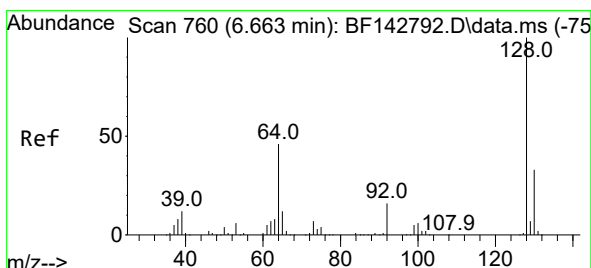
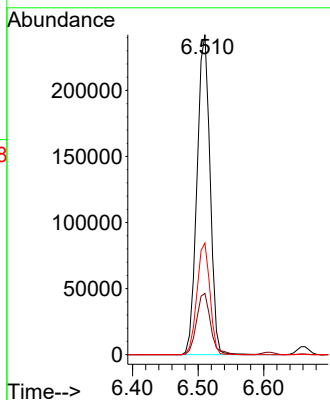
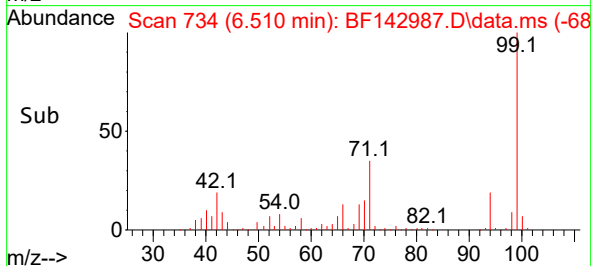
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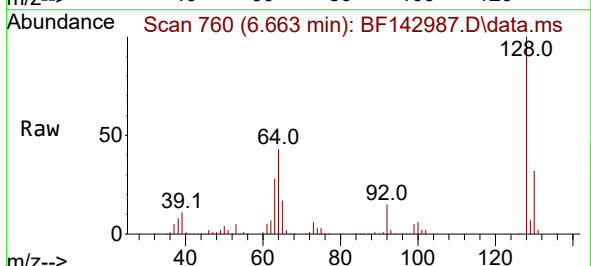
Tgt Ion: 99 Resp: 335649
Ion Ratio Lower Upper
99 100
42 19.2 15.9 23.9
71 34.9 27.8 41.8

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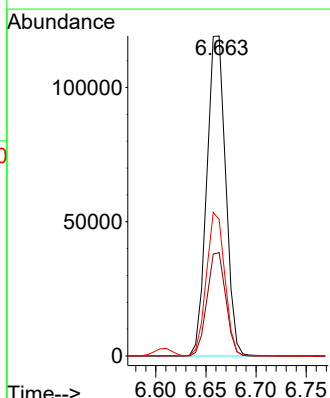
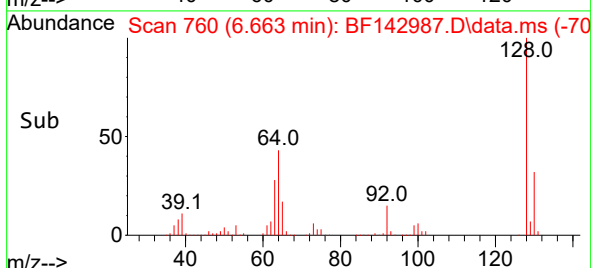
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#8
2-Chlorophenol
Concen: 38.827 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:128 Resp: 156373
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 42.6 26.5 66.5





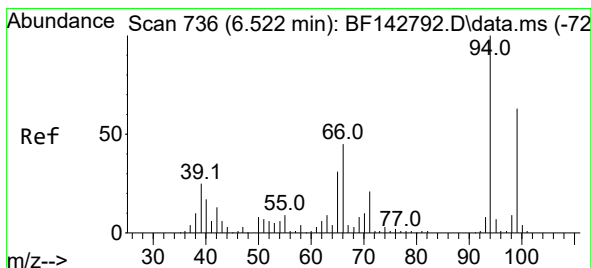
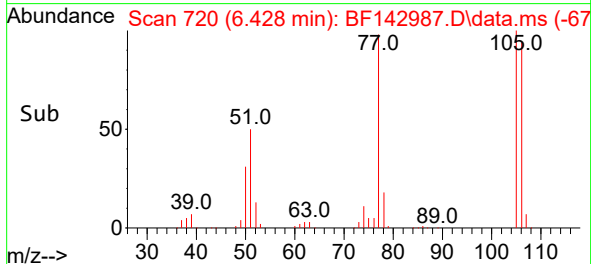
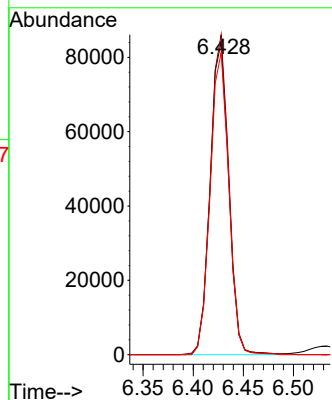
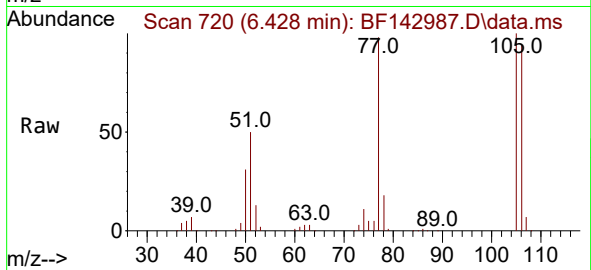
#9
Benzaldehyde
Concen: 41.465 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
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Tgt Ion: 77 Resp: 10836
Ion Ratio Lower Upper
77 100
105 102.3 83.8 123.8
106 96.6 78.7 118.7

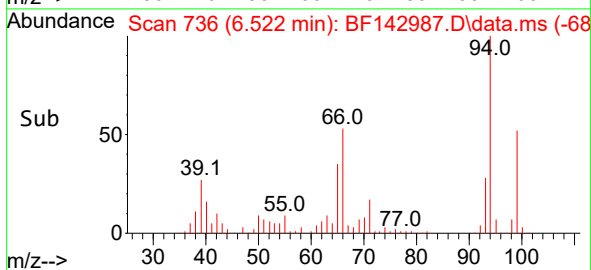
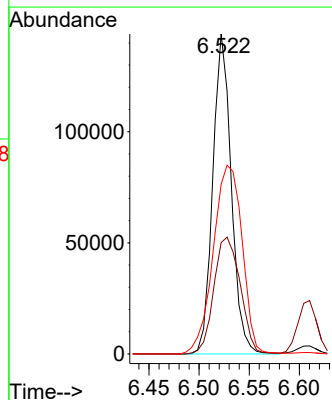
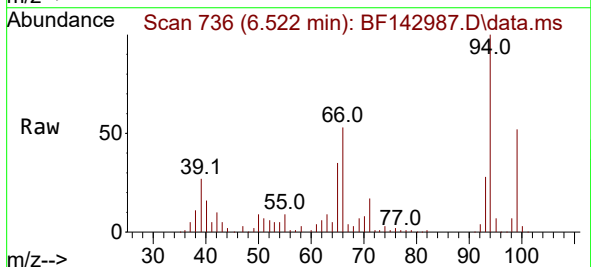
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#10
Phenol
Concen: 37.793 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 94 Resp: 185049
Ion Ratio Lower Upper
94 100
65 34.8 11.3 51.3
66 53.0 24.9 64.9





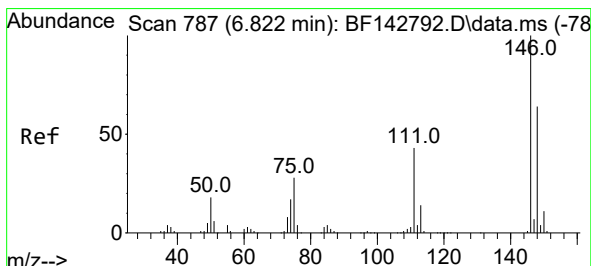
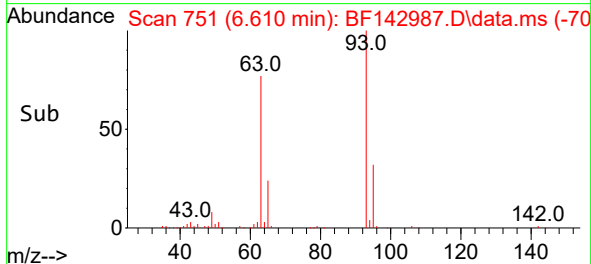
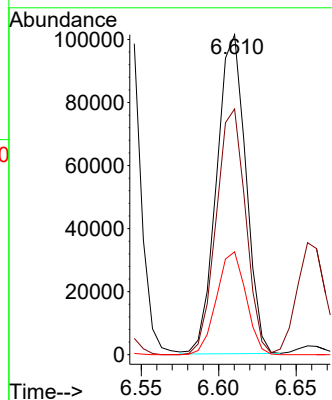
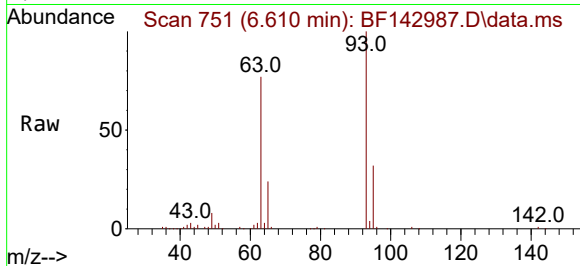
#11
bis(2-Chloroethyl)ether
Concen: 37.924 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 132714
Ion Ratio Lower Upper
93 100
63 76.8 60.3 100.3
95 32.2 12.5 52.5

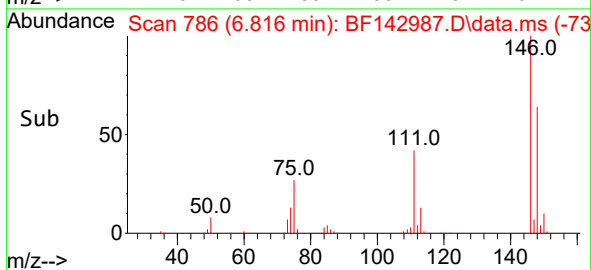
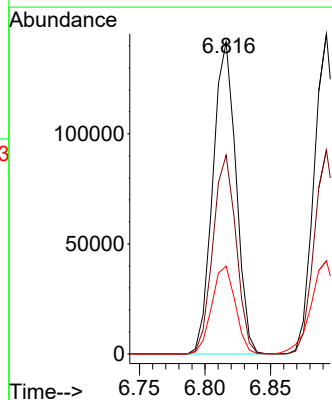
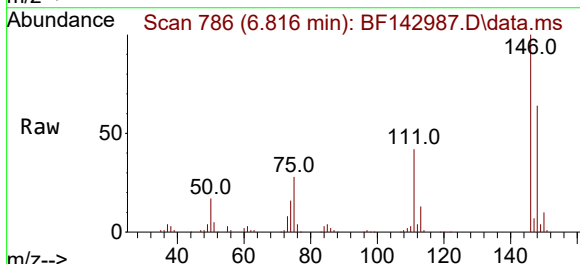
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 38.707 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:146 Resp: 174345
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
75 28.2 22.7 34.1





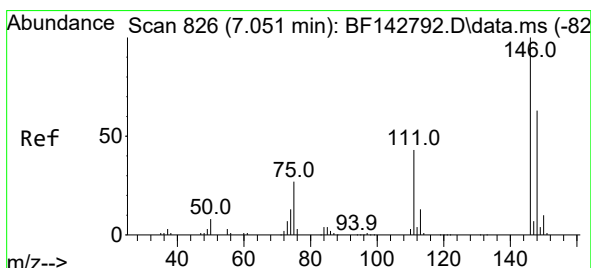
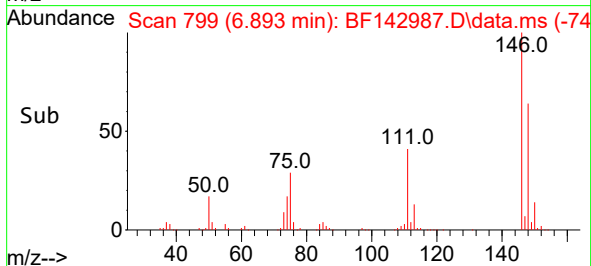
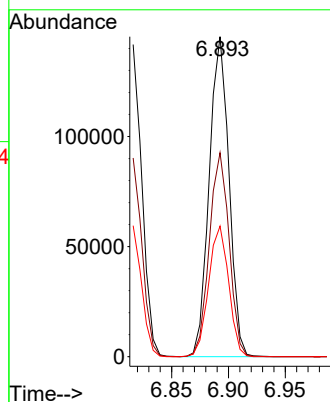
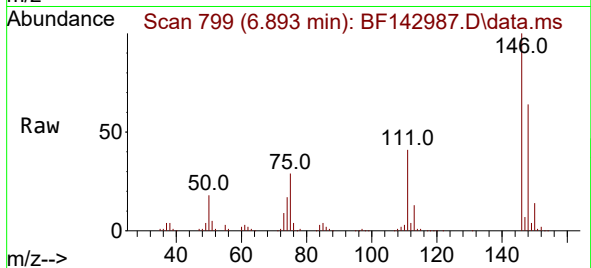
#13
1,4-Dichlorobenzene
Concen: 38.596 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 175390
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 40.8 33.2 49.8

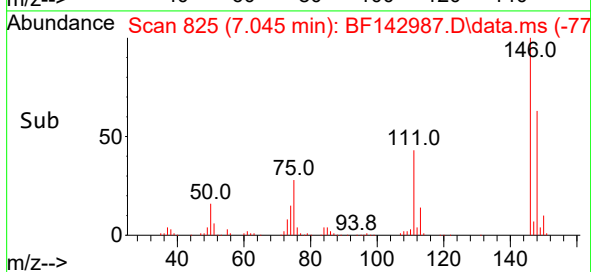
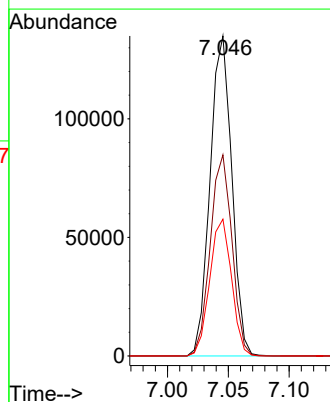
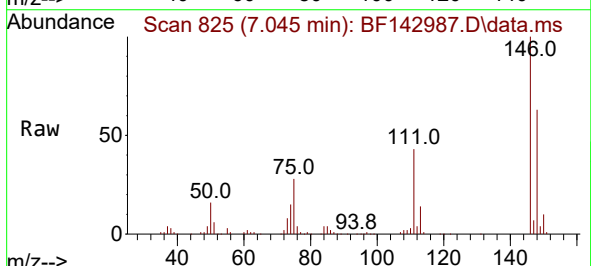
Manual Integrations
APPROVED

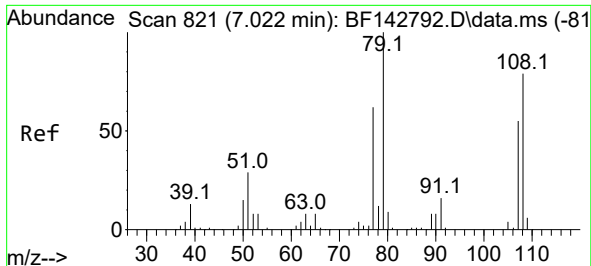
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#14
1,2-Dichlorobenzene
Concen: 38.787 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:146 Resp: 167185
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 42.8 34.1 51.1





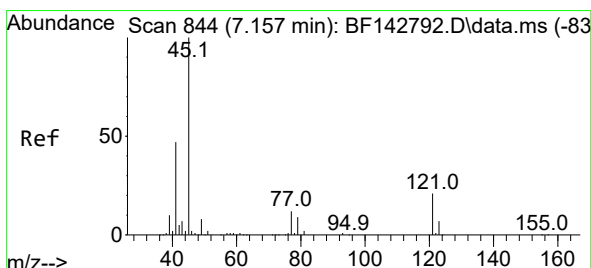
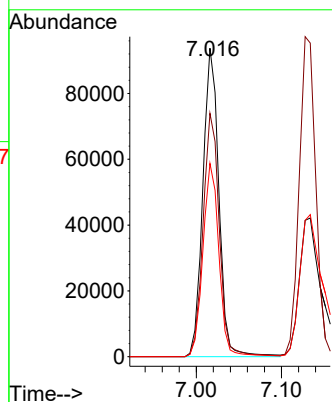
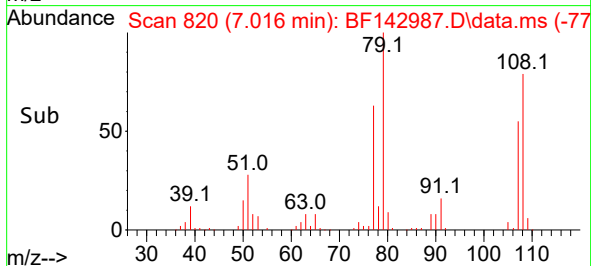
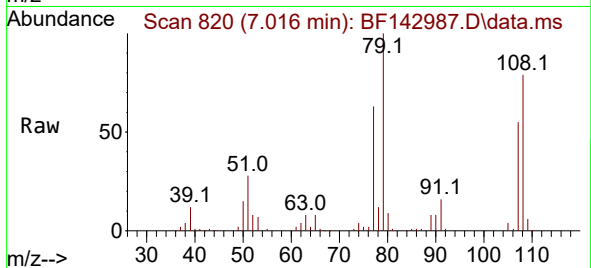
#15
Benzyl Alcohol
Concen: 38.506 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 122618
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 62.7 49.5 74.3

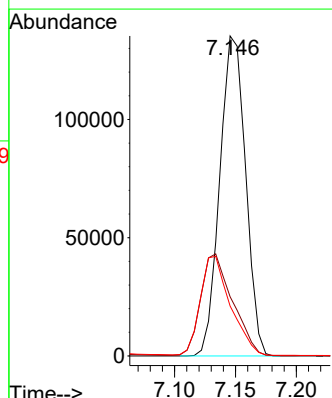
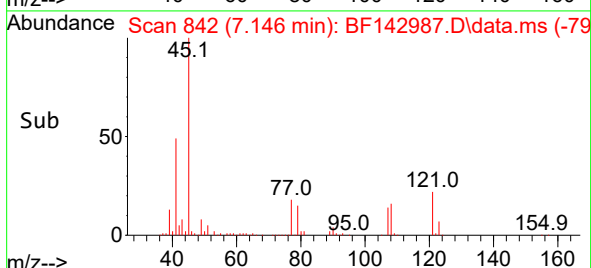
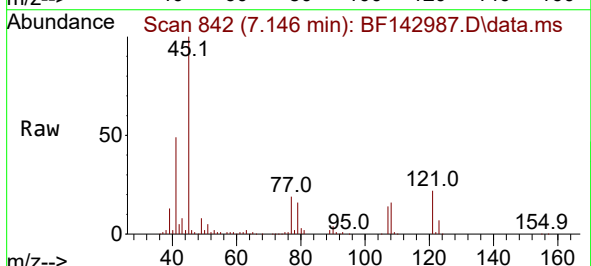
Manual Integrations
APPROVED

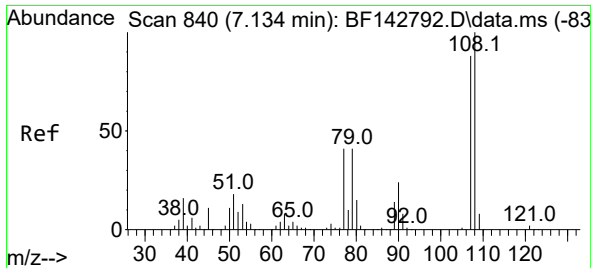
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.533 ng
RT: 7.146 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 45 Resp: 199779
Ion Ratio Lower Upper
45 100
77 18.5 0.0 32.8
79 15.6 0.0 29.8





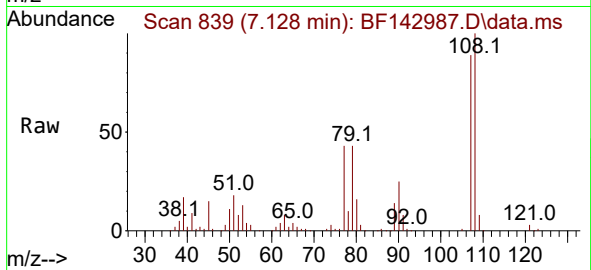
#17
2-Methylphenol
Concen: 38.358 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



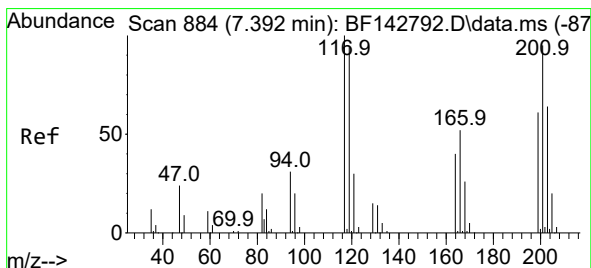
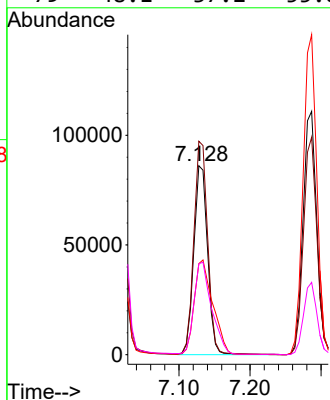
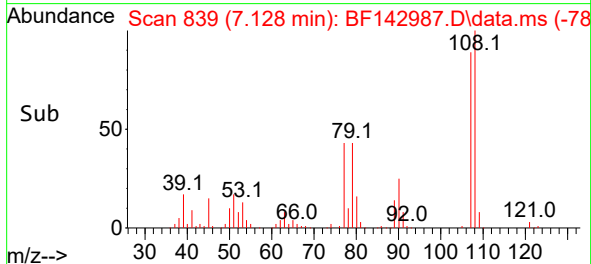
Tgt Ion:107 Resp: 117070
Ion Ratio Lower Upper
107 100
108 113.0 90.9 136.3
77 48.2 37.3 55.9
79 48.1 37.2 55.8

Manual Integrations

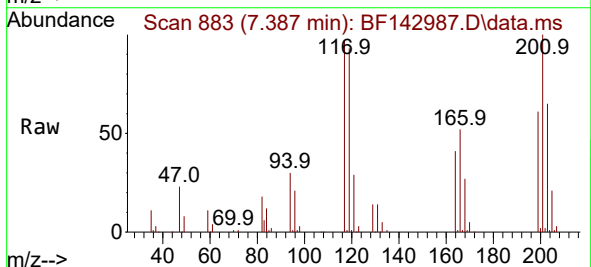
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

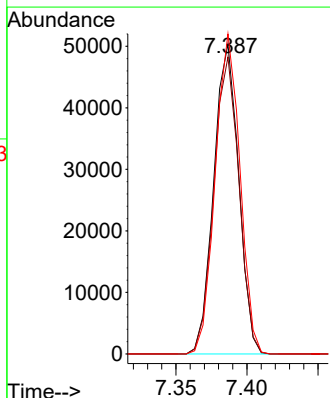
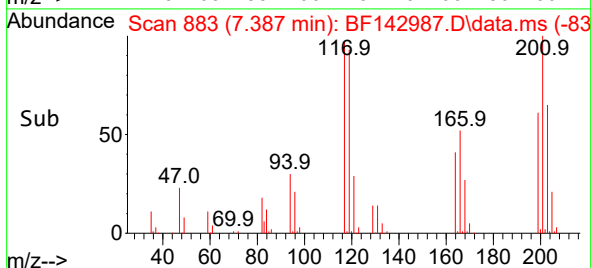
Supervised By :Jagrut Upadhyay 07/07/2025



#18
Hexachloroethane
Concen: 38.672 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:117 Resp: 61470
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 103.2 75.9 113.9





#19
n-Nitroso-di-n-propylamine
Concen: 37.974 ng
RT: 7.287 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

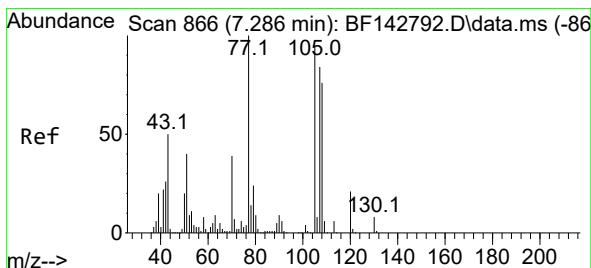
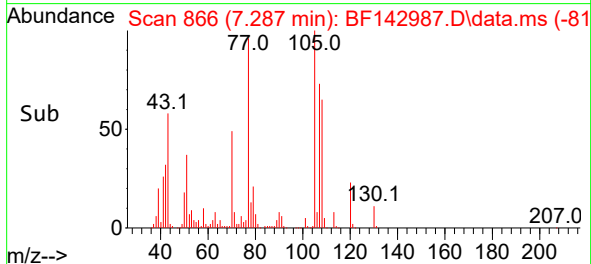
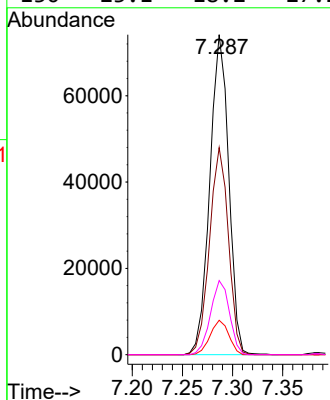
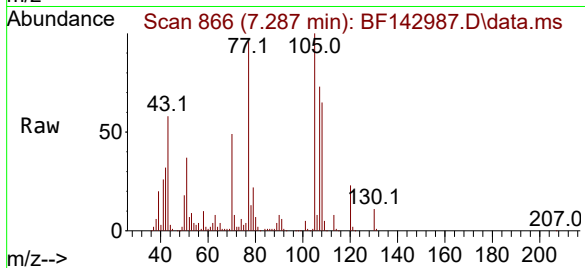
Tgt Ion: 70 Resp: 97280
Ion Ratio Lower Upper
70 100
42 64.7 52.1 78.1
101 10.8 8.2 12.2
130 23.1 18.2 27.2

Manual Integrations

APPROVED

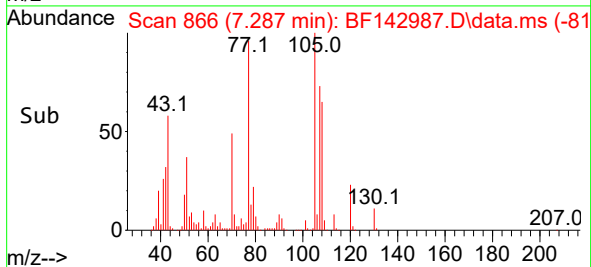
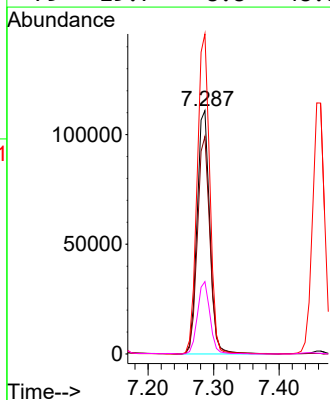
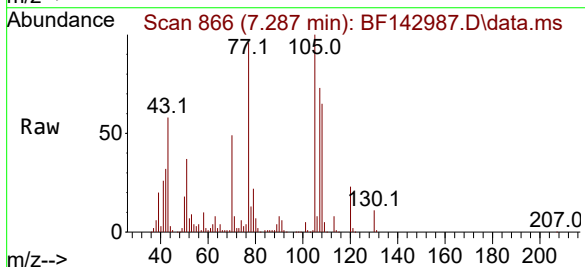
Reviewed By :Rahul Chavli 07/07/2025

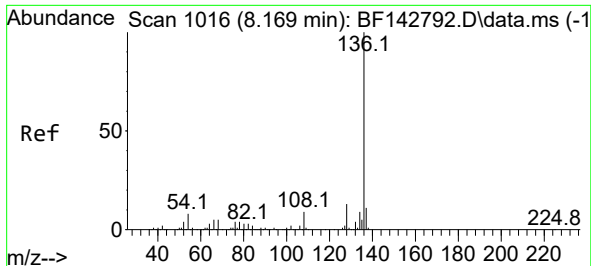
Supervised By :Jagrut Upadhyay 07/07/2025



#20
3+4-Methylphenols
Concen: 39.355 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:107 Resp: 149761
Ion Ratio Lower Upper
107 100
108 89.4 70.0 110.0
77 131.5 98.5 138.5
79 29.7 8.8 48.8





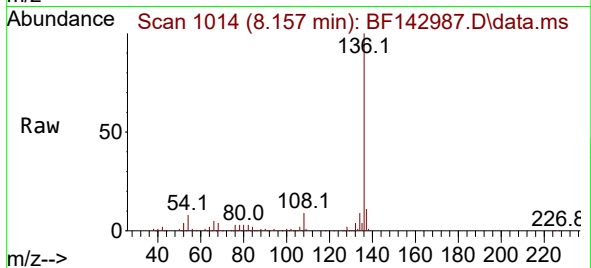
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



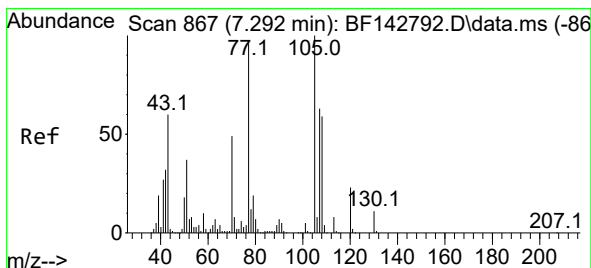
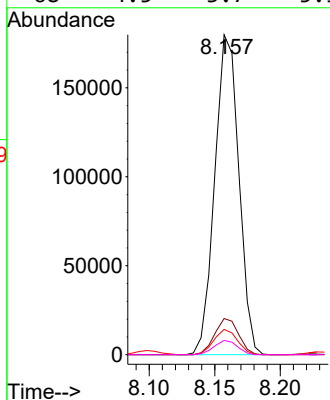
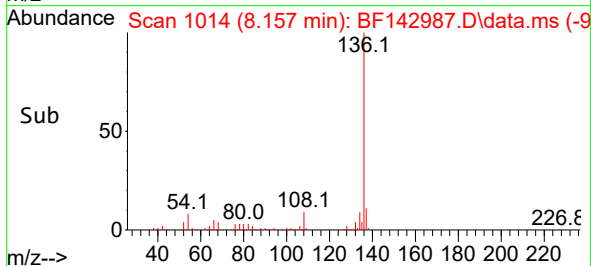
Tgt Ion:136 Resp: 229768
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.9 6.3 9.5
68 4.5 3.7 5.5

Manual Integrations

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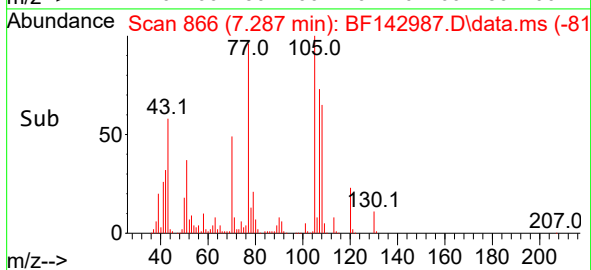
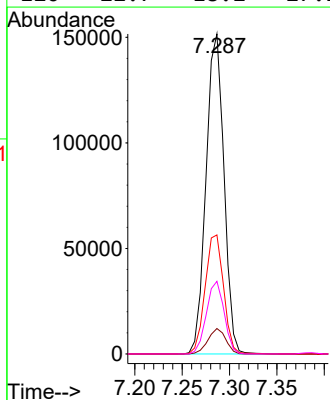
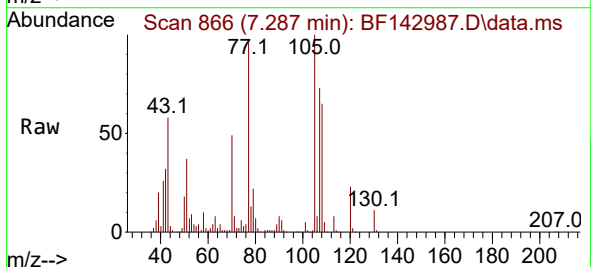
Reviewed By :Rahul Chavli 07/07/2025

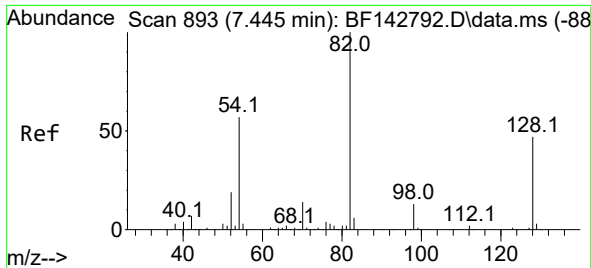
Supervised By :Jagrut Upadhyay 07/07/2025



#22
Acetophenone
Concen: 39.417 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:105 Resp: 199714
Ion Ratio Lower Upper
105 100
71 8.0 6.5 9.7
51 37.2 29.8 44.8
120 22.7 18.2 27.2





#23
Nitrobenzene-d5
Concen: 84.085 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

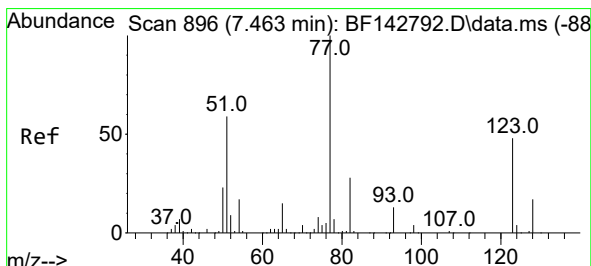
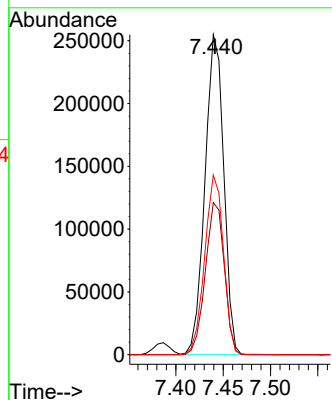
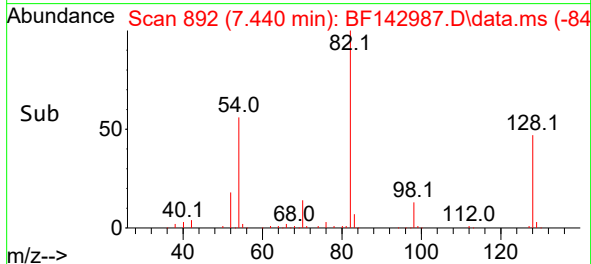
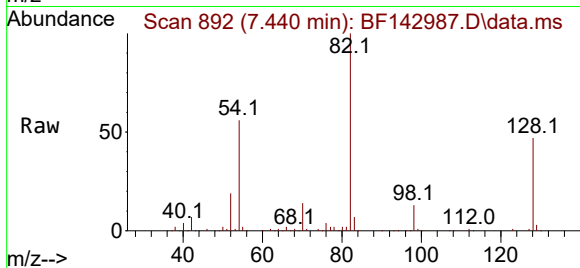
SSTDCCC040

Tgt Ion: 82 Resp: 352220
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 56.2 45.7 68.5

Manual Integrations

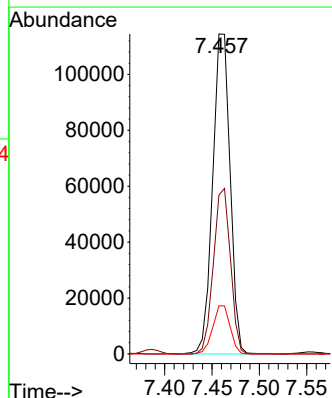
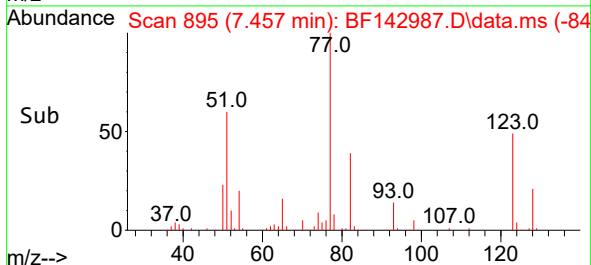
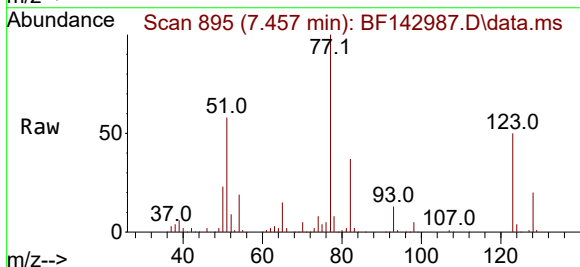
APPROVED

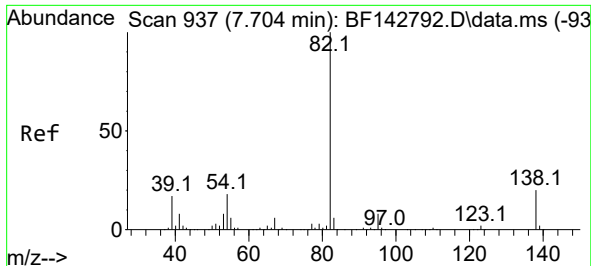
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#24
Nitrobenzene
Concen: 38.653 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion: 77 Resp: 146546
Ion Ratio Lower Upper
77 100
123 49.7 39.2 58.8
65 15.0 11.6 17.4





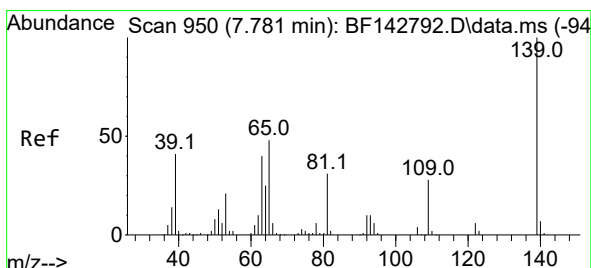
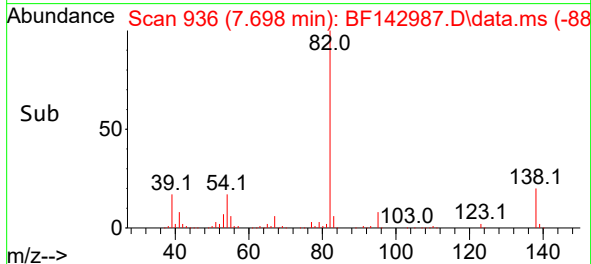
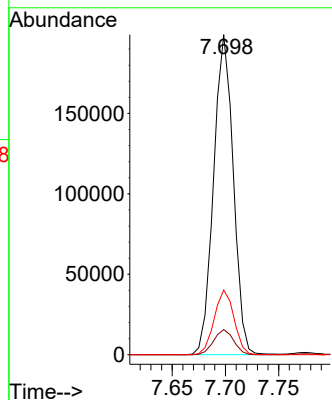
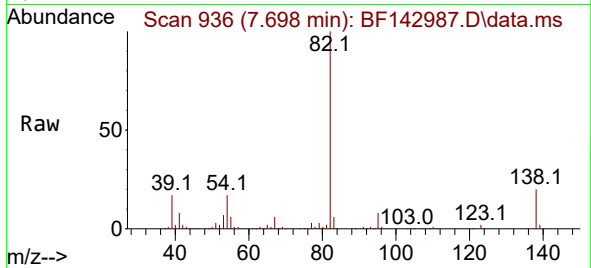
#25
Isophorone
Concen: 38.016 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 25545
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4

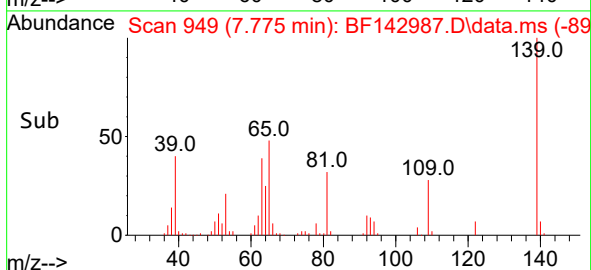
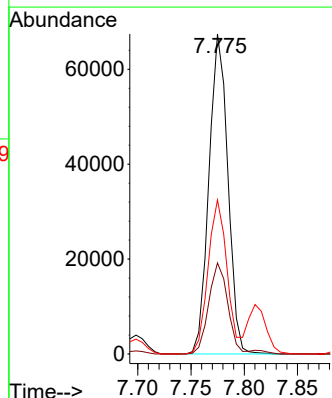
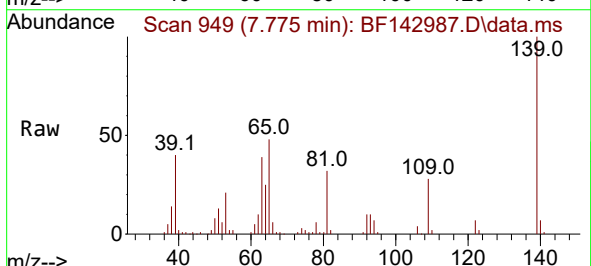
Manual Integrations
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Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#26
2-Nitrophenol
Concen: 40.290 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:139 Resp: 83211
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 48.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 36.981 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

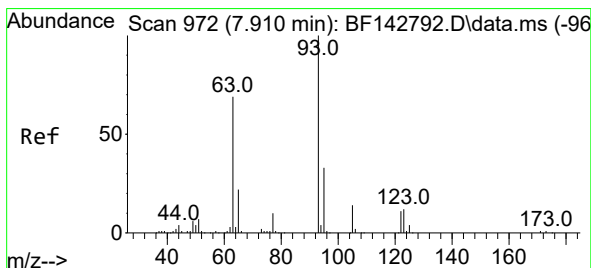
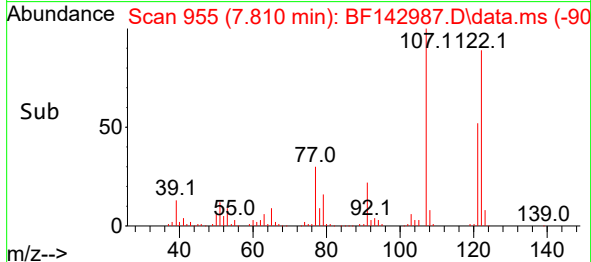
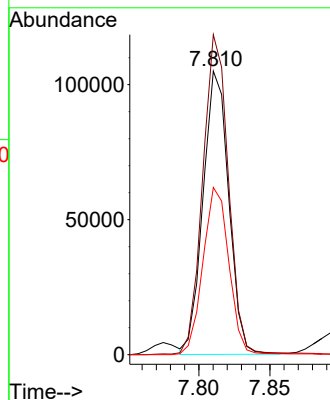
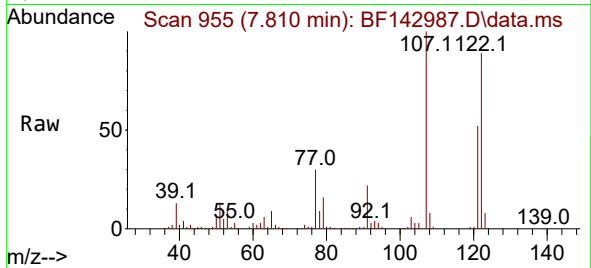
Tgt Ion:122 Resp: 132297
 Ion Ratio Lower Upper
 122 100
 107 112.8 88.0 132.0
 121 58.9 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.772 ng

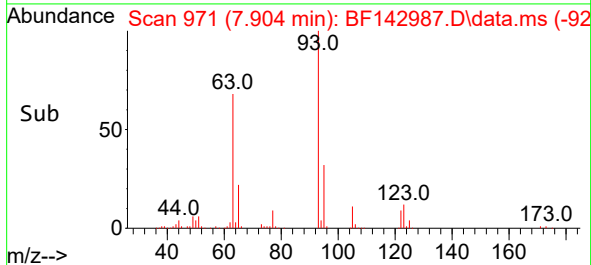
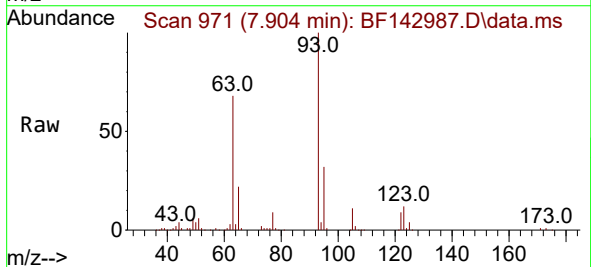
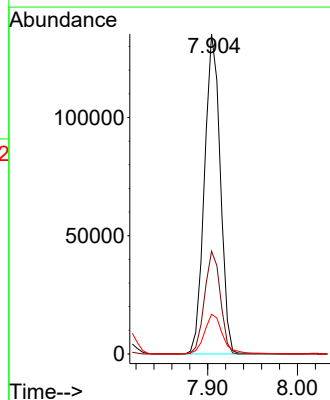
RT: 7.904 min Scan# 971

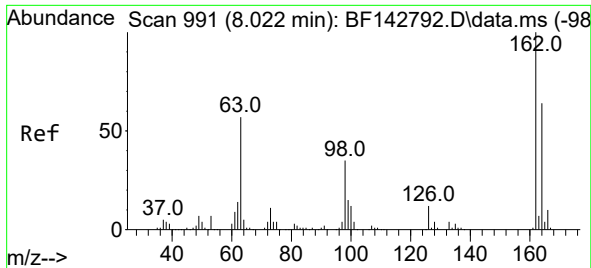
Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Tgt Ion: 93 Resp: 165636
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.2
 123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 38.871 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

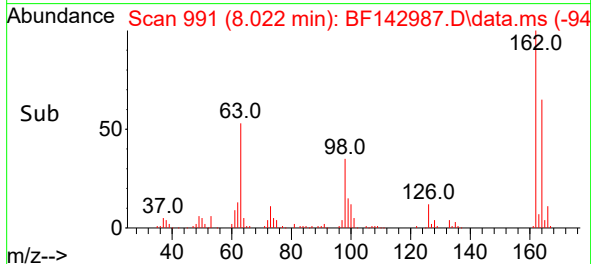
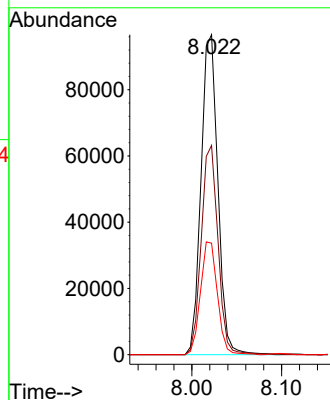
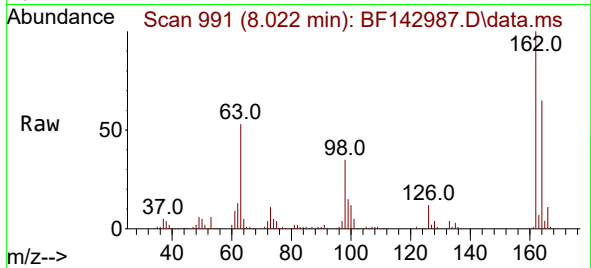
Tgt Ion:162 Resp: 126088
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.0 84.0
 98 34.9 15.4 55.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.968 ng

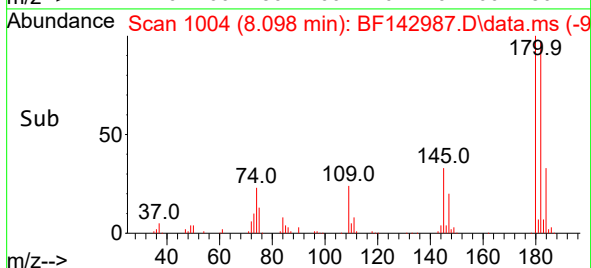
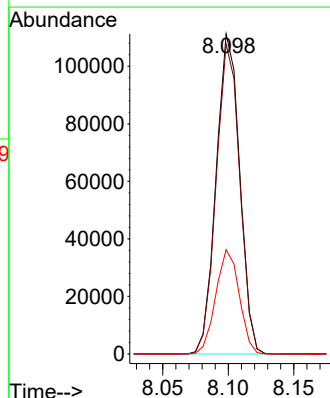
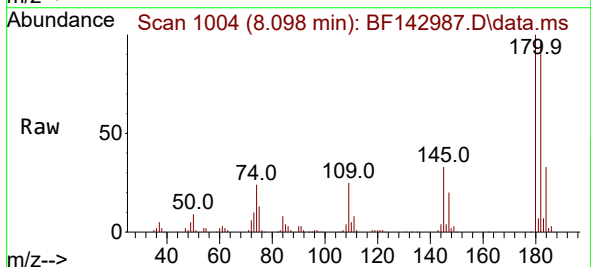
RT: 8.098 min Scan# 1004

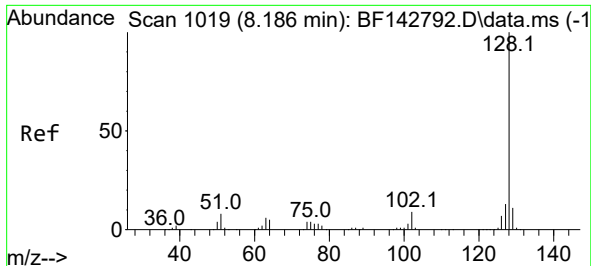
Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

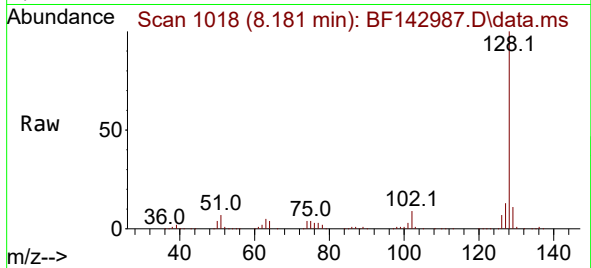
Tgt Ion:180 Resp: 138995
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 32.6 25.8 38.8





#31
Naphthalene
Concen: 39.221 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

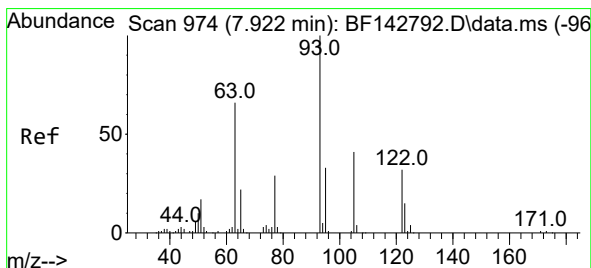
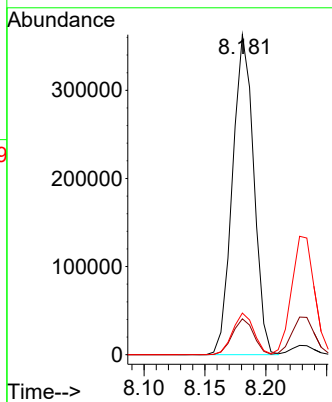
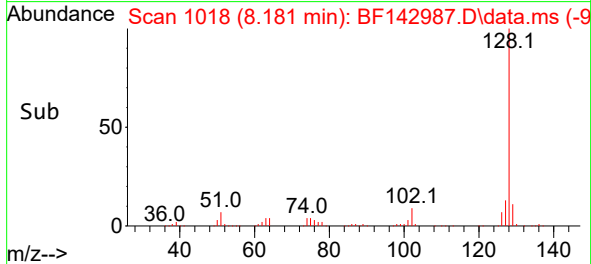
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 441104
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.0 10.4 15.6

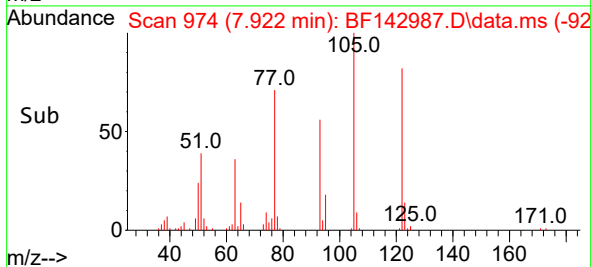
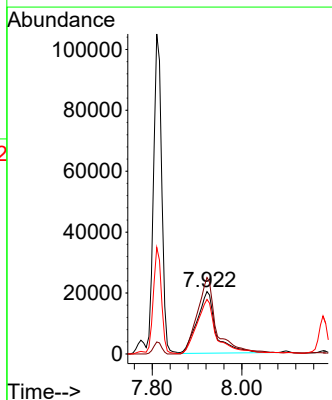
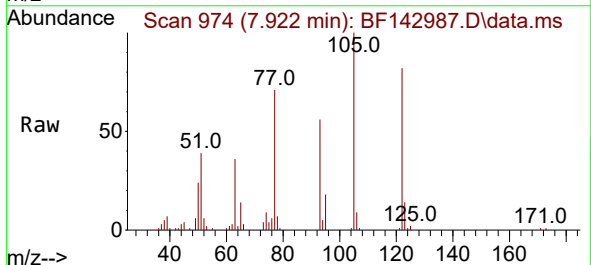
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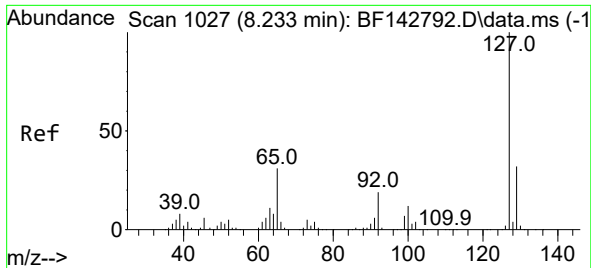
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#32
Benzoic acid
Concen: 32.577 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:122 Resp: 59400
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 87.3 70.2 110.2





#33
4-Chloroaniline
Concen: 38.745 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

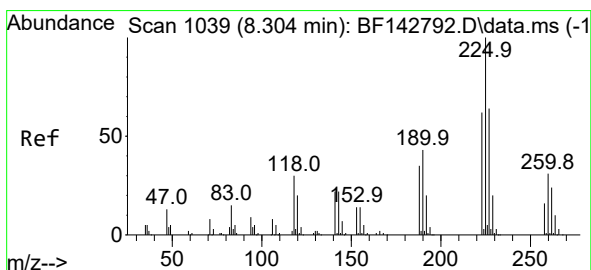
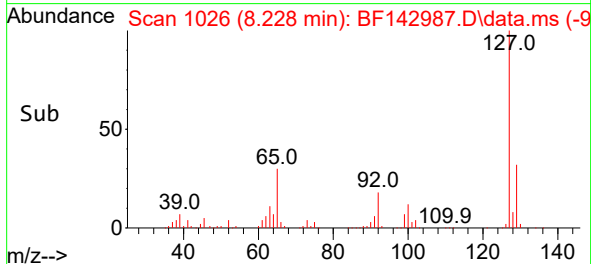
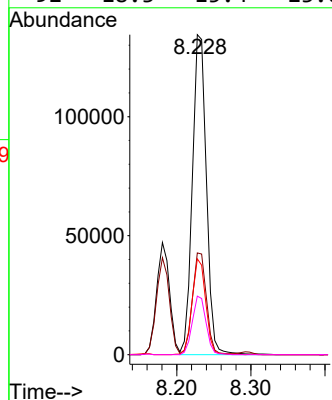
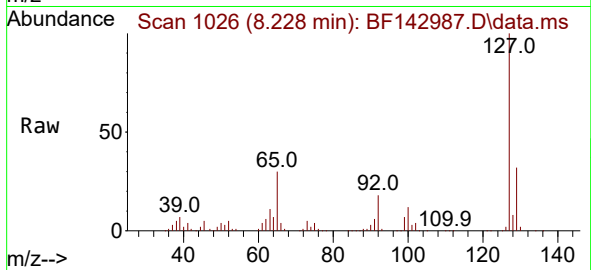
Tgt Ion:127 Resp: 17718
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 30.0 24.6 36.8
92 18.3 15.4 23.0

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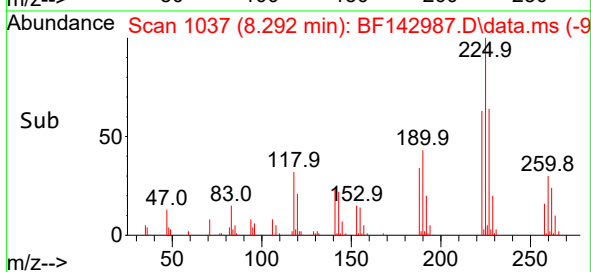
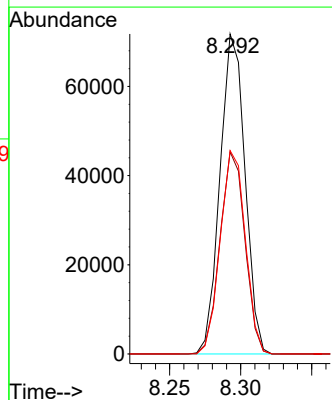
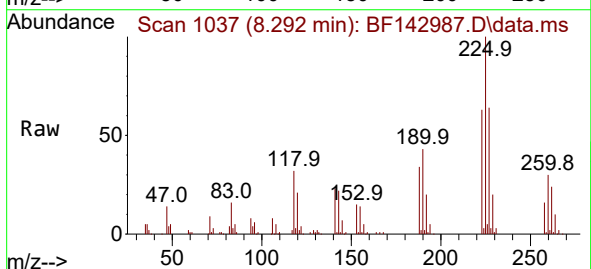
Reviewed By :Rahul Chavli 07/07/2025

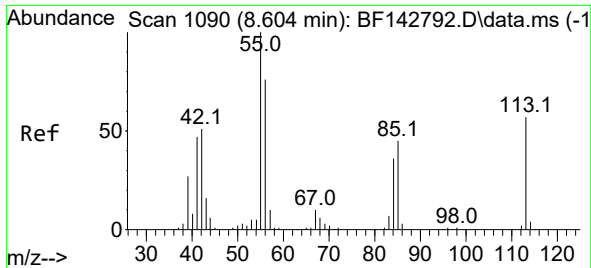
Supervised By :Jagrut Upadhyay 07/07/2025



#34
Hexachlorobutadiene
Concen: 40.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

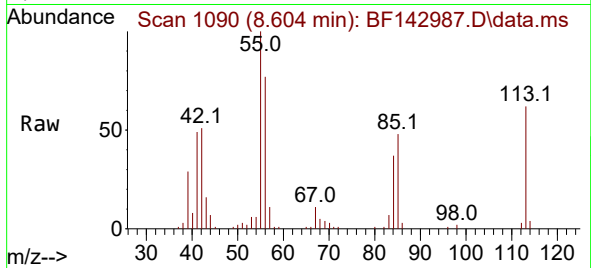
Tgt Ion:225 Resp: 87828
Ion Ratio Lower Upper
225 100
223 63.2 49.9 74.9
227 63.5 51.4 77.0





#35
Caprolactam
Concen: 38.365 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

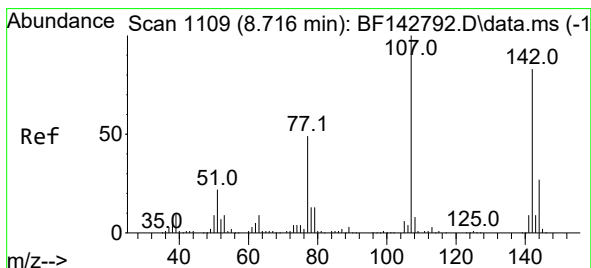
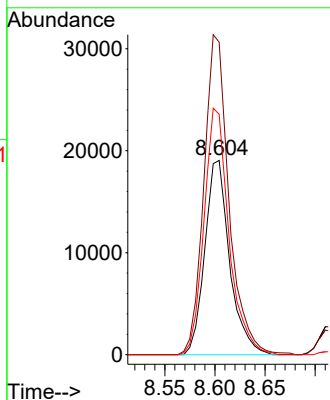
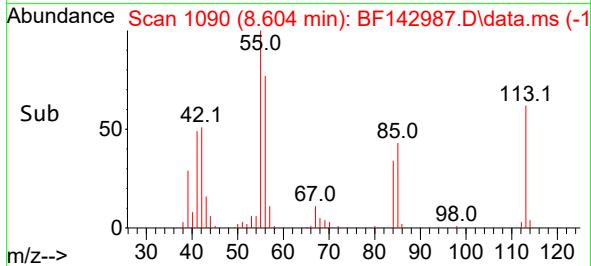
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



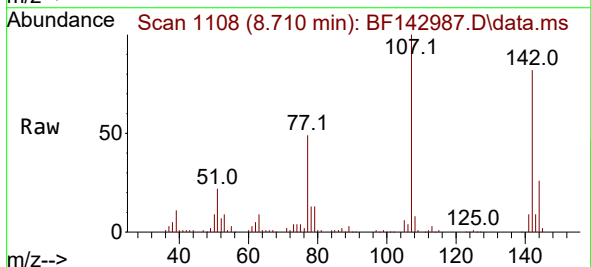
Tgt Ion:113 Resp: 32839
Ion Ratio Lower Upper
113 100
55 160.8 154.4 194.4
56 123.7 112.1 152.1

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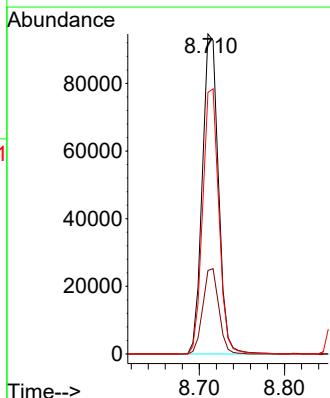
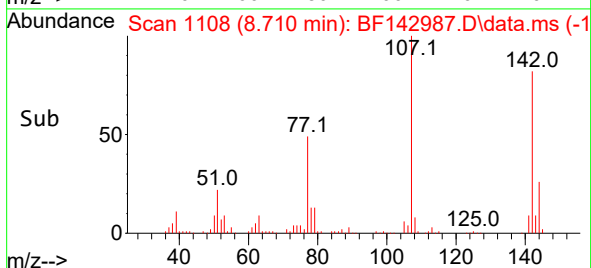
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

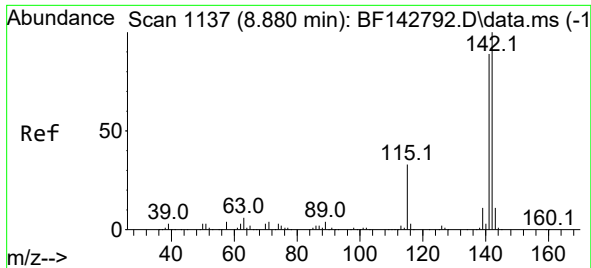


#36
4-Chloro-3-methylphenol
Concen: 38.469 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



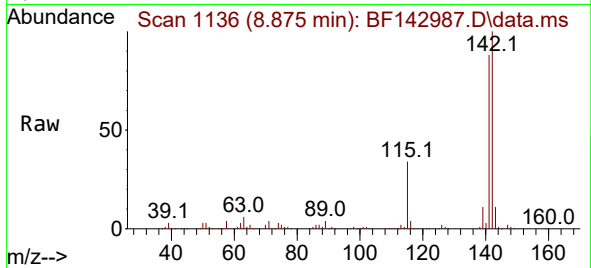
Tgt Ion:107 Resp: 124017
Ion Ratio Lower Upper
107 100
144 26.1 21.3 31.9
142 81.8 66.6 100.0





#37
2-Methylnaphthalene
Concen: 38.568 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

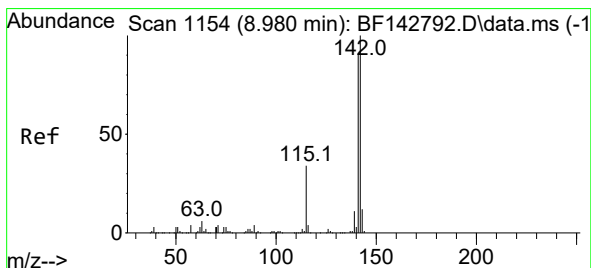
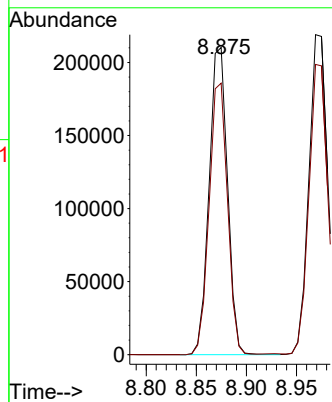
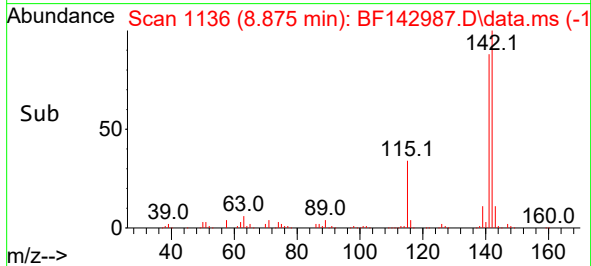
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 268912
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3

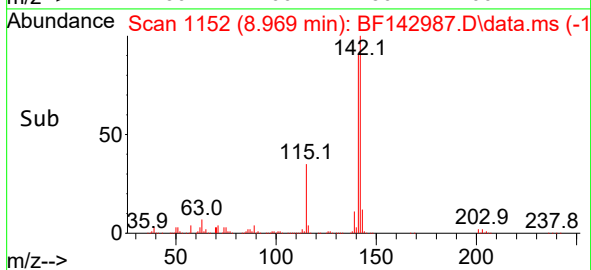
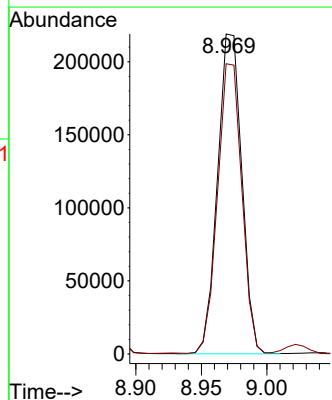
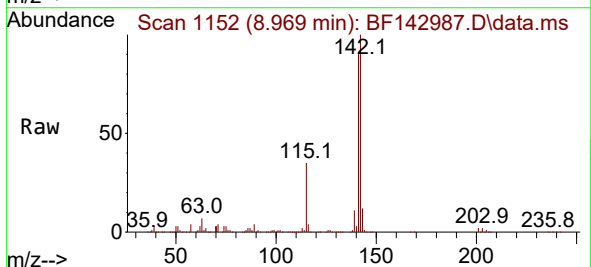
Manual Integrations
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Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#38
1-Methylnaphthalene
Concen: 38.914 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:142 Resp: 280877
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142987.D

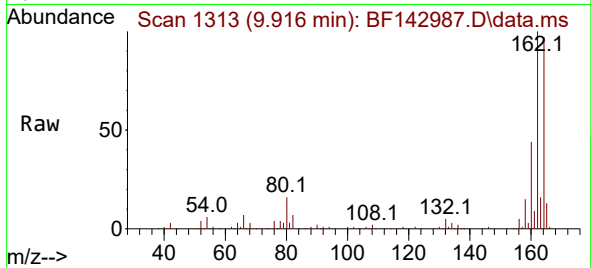
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 11675

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

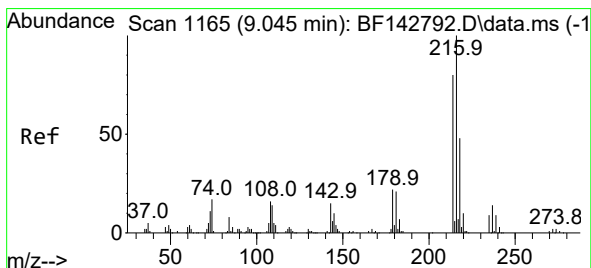
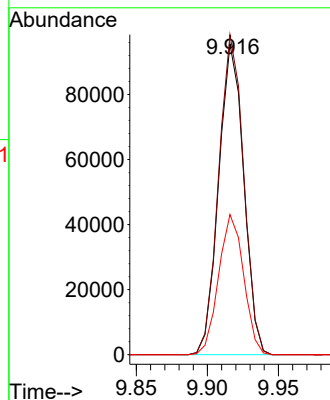
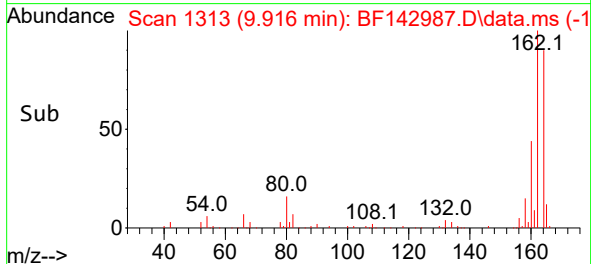
160 45.1 36.0 54.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.279 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Tgt Ion:216 Resp: 138759

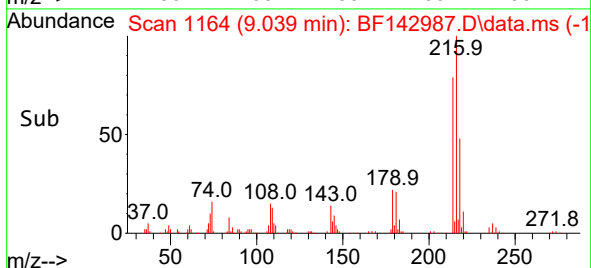
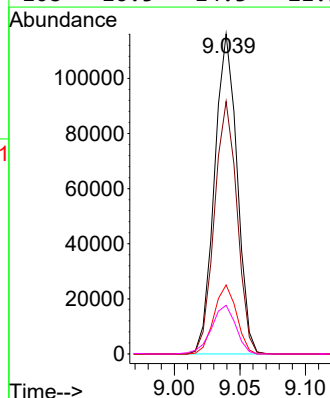
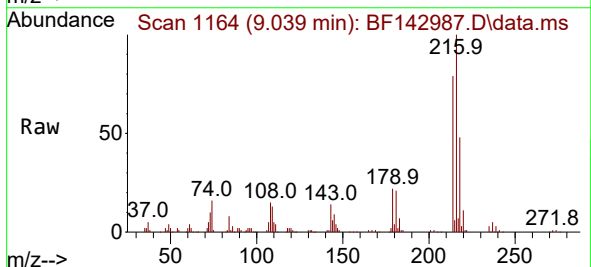
Ion Ratio Lower Upper

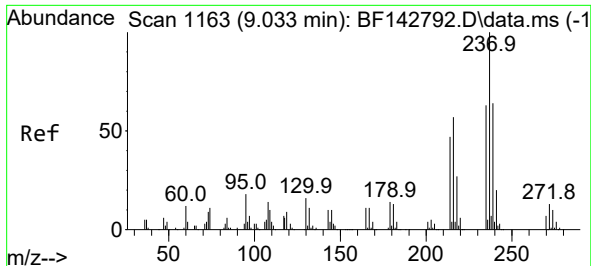
216 100

214 78.9 63.7 95.5

179 21.6 17.6 26.4

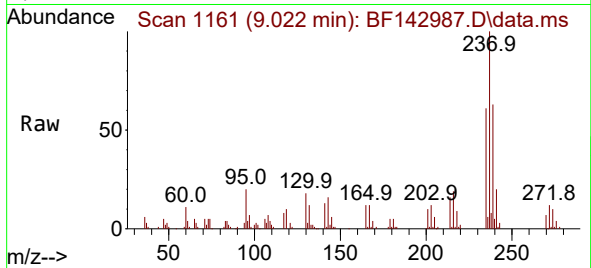
108 16.5 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 31.960 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

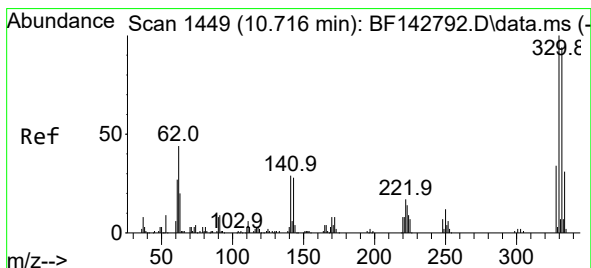
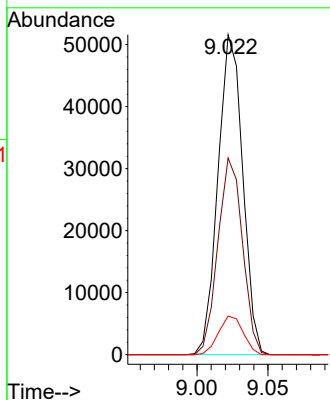
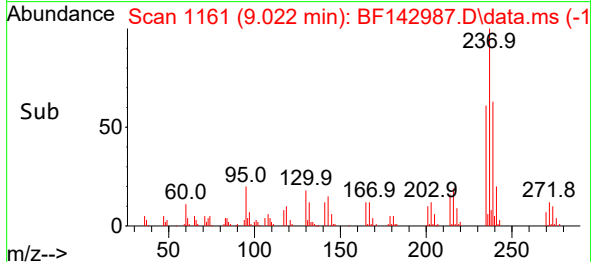
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:237 Resp: 62479
Ion Ratio Lower Upper
237 100
235 61.5 43.4 83.4
272 12.1 0.0 32.7

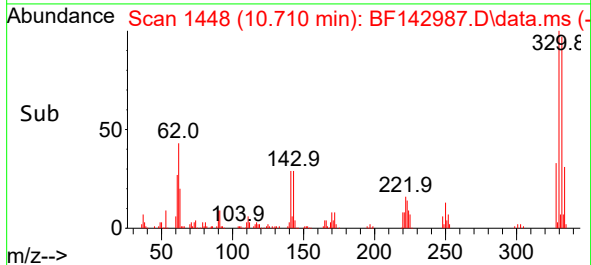
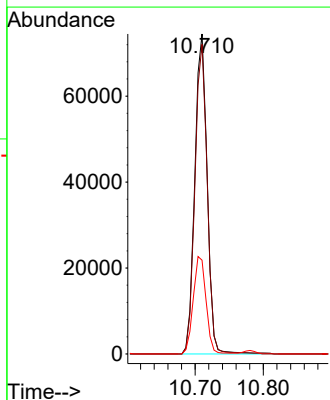
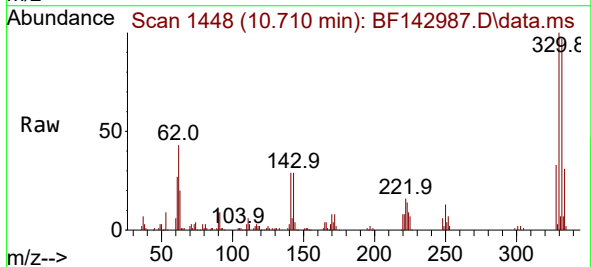
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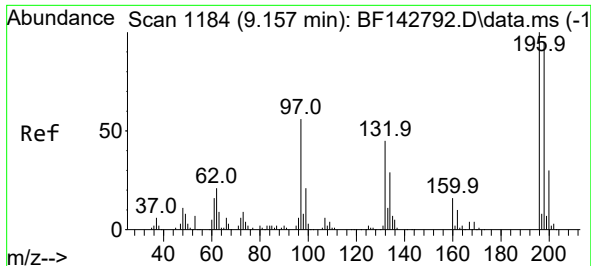
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#42
2,4,6-Tribromophenol
Concen: 77.722 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:330 Resp: 93379
Ion Ratio Lower Upper
330 100
332 96.3 75.0 112.6
141 31.6 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 39.395 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

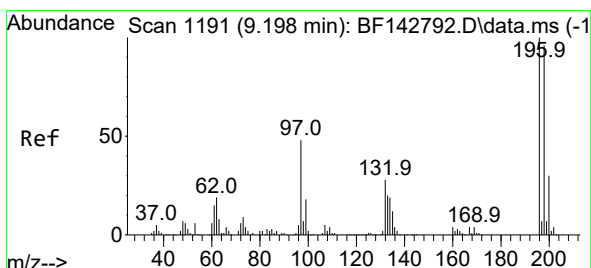
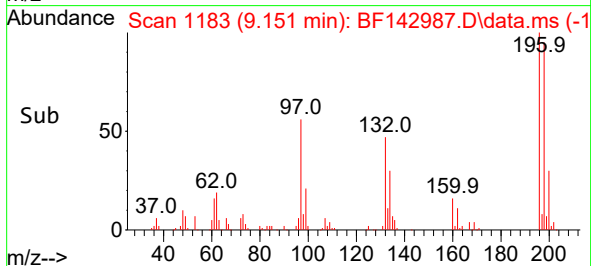
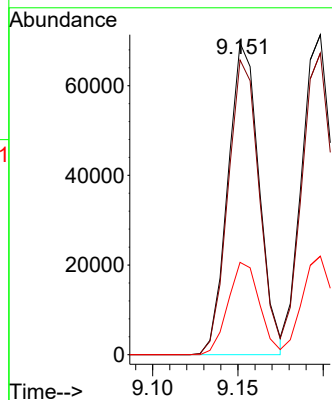
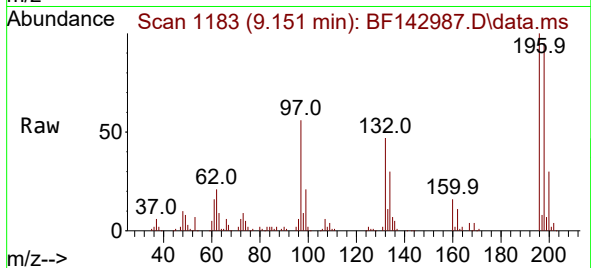
Tgt Ion:196 Resp: 88434
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.2 114.2
 200 29.6 24.1 36.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#44

2,4,5-Trichlorophenol

Concen: 39.952 ng

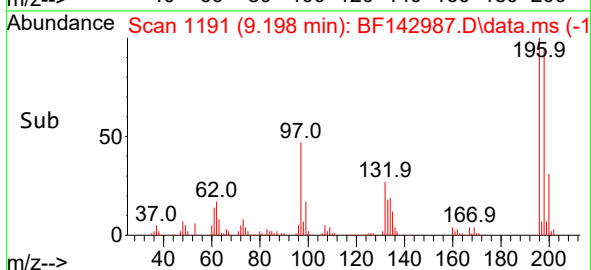
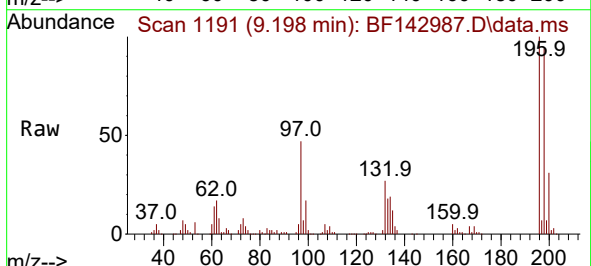
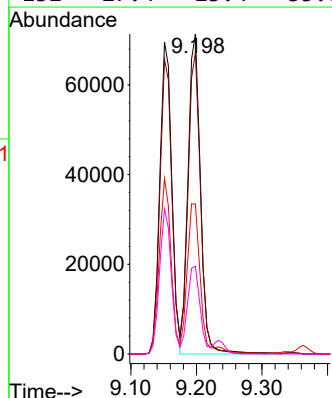
RT: 9.198 min Scan# 1191

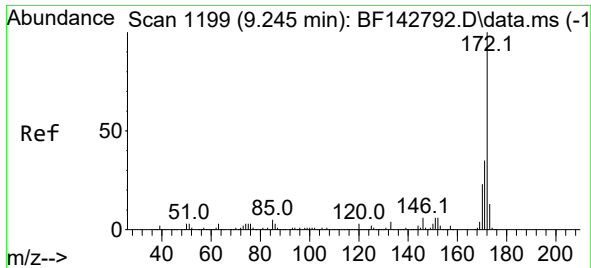
Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

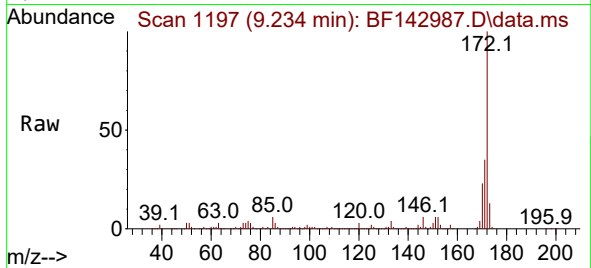
Tgt Ion:196 Resp: 94408
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 115.0
 97 46.9 38.2 57.2
 132 27.4 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 85.464 ng
RT: 9.234 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

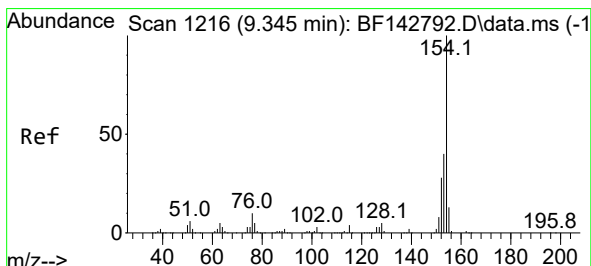
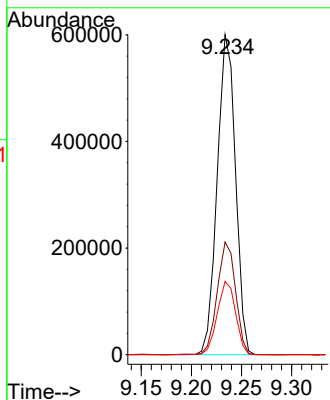
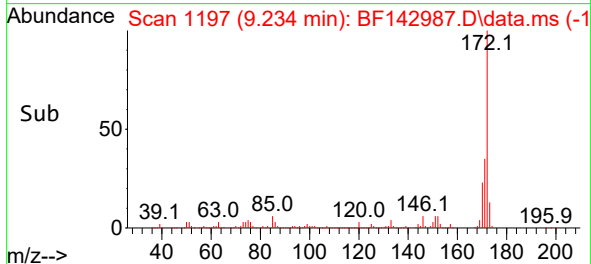
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



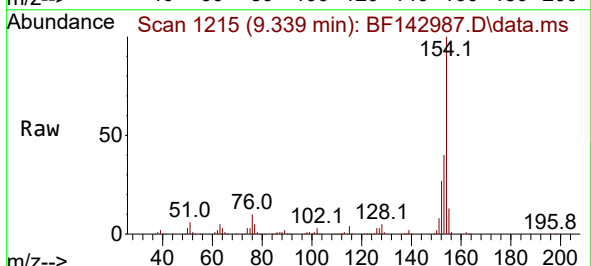
Tgt Ion:172 Resp: 75955
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 22.9 18.5 27.7

Manual Integrations
APPROVED

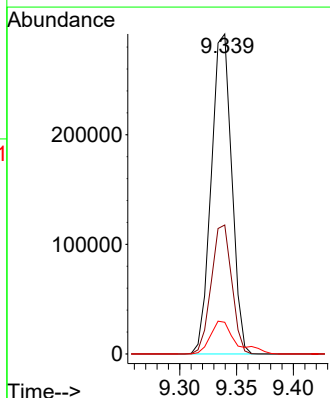
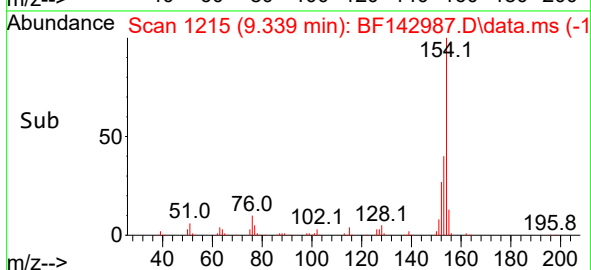
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

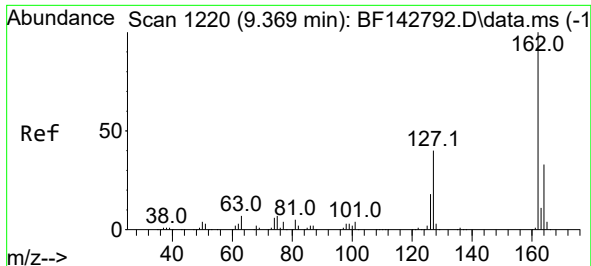


#46
1,1'-Biphenyl
Concen: 39.652 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:154 Resp: 365699
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 9.9 0.0 30.3





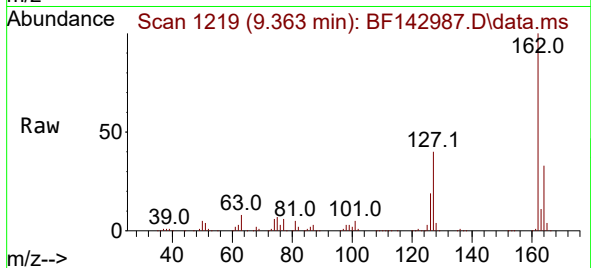
#47
2-Chloronaphthalene
Concen: 39.486 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



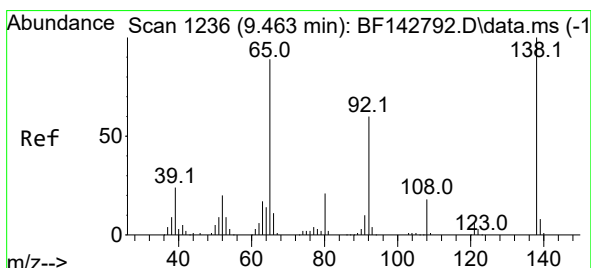
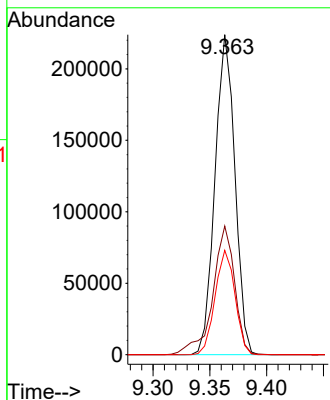
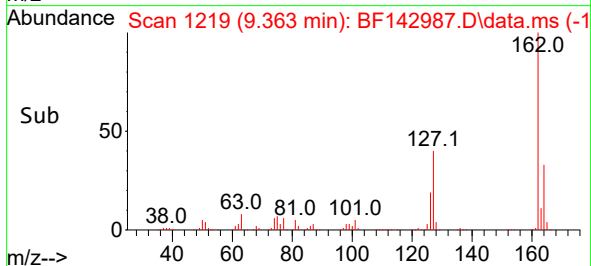
Tgt Ion:162 Resp: 273280
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.2
164 32.6 26.1 39.1

Manual Integrations

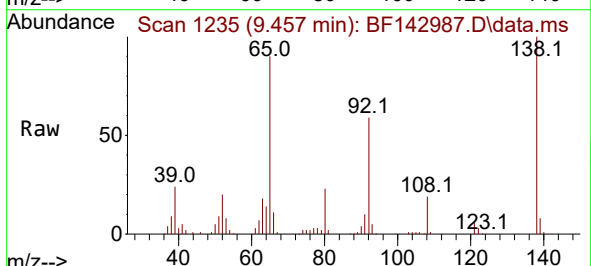
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

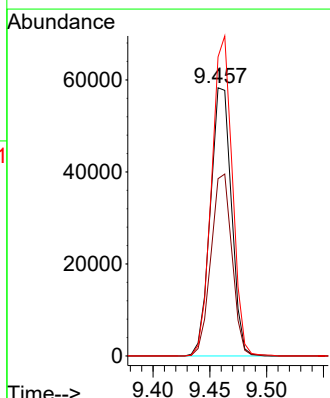
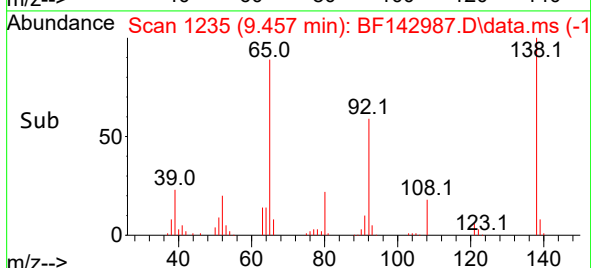
Supervised By :Jagrut Upadhyay 07/07/2025

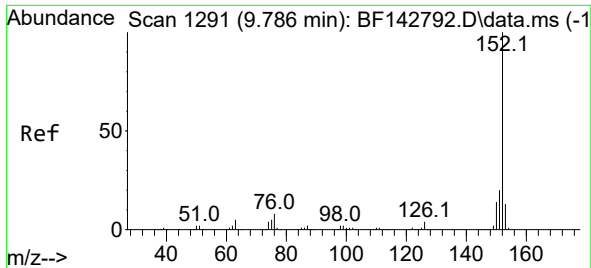


#48
2-Nitroaniline
Concen: 38.861 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion: 65 Resp: 75404
Ion Ratio Lower Upper
65 100
92 66.1 53.8 80.6
138 111.5 89.6 134.4





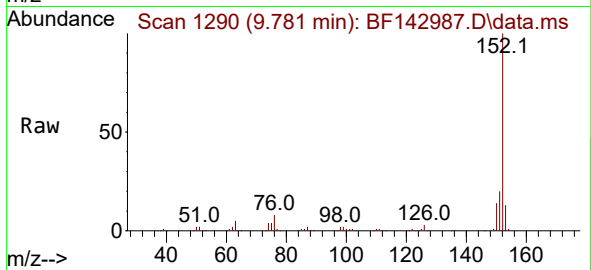
#49
Acenaphthylene
Concen: 38.927 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



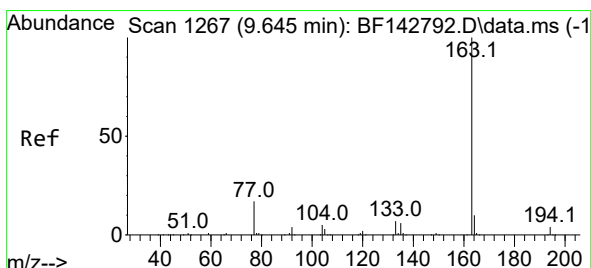
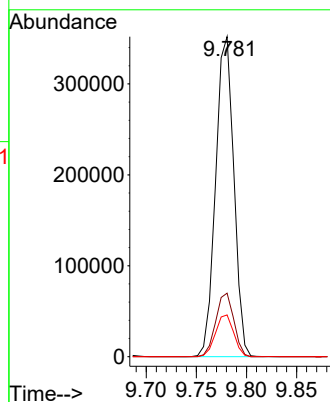
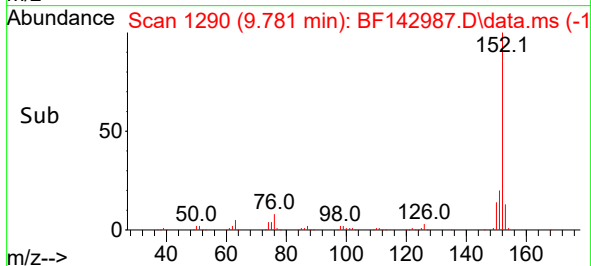
Tgt Ion:152 Resp: 443510
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.4 15.6

Manual Integrations

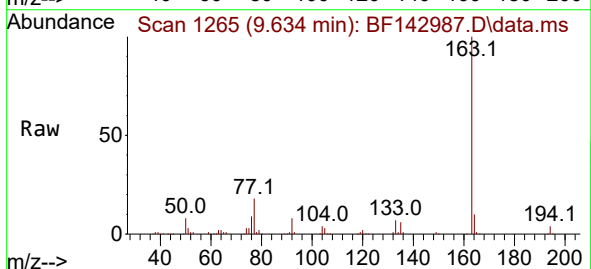
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

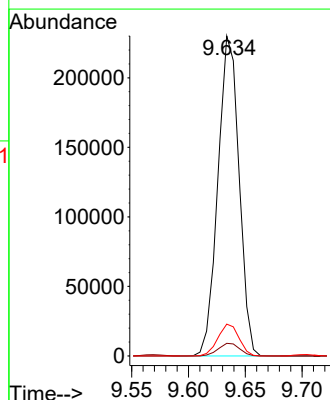
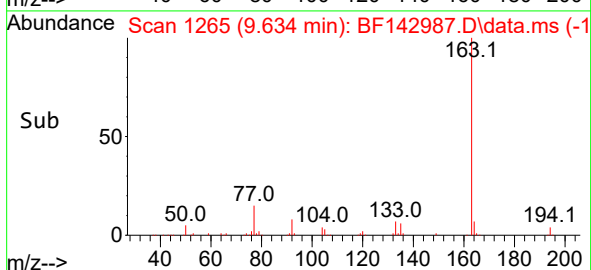
Supervised By :Jagrut Upadhyay 07/07/2025

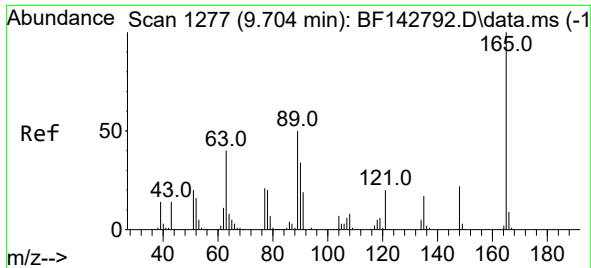


#50
Dimethylphthalate
Concen: 39.472 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:163 Resp: 298300
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.0 12.0





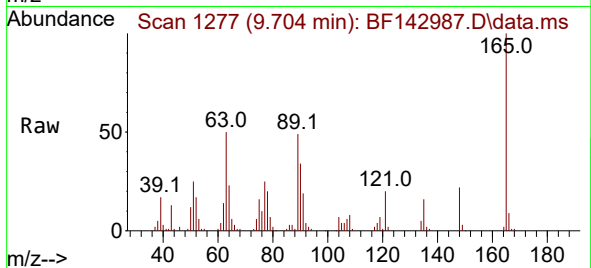
#51
2,6-Dinitrotoluene
Concen: 39.133 ng
RT: 9.704 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



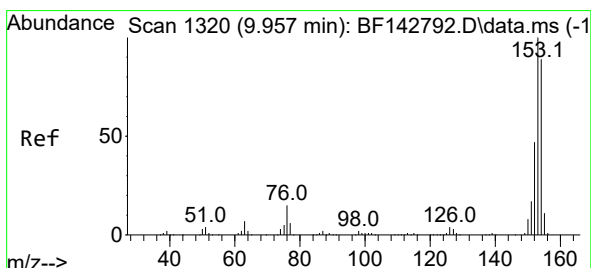
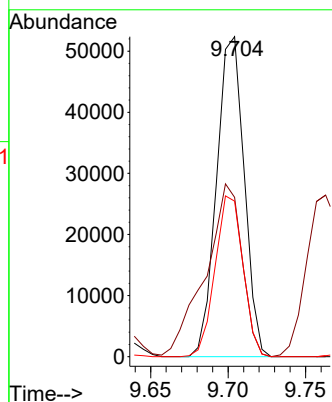
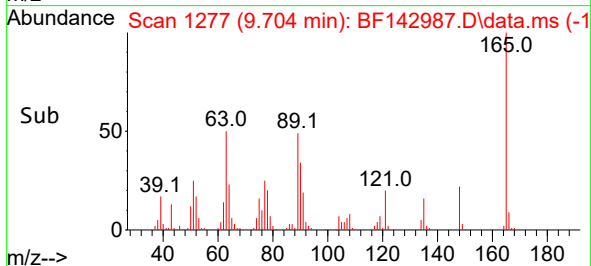
Tgt Ion:165 Resp: 6494
Ion Ratio Lower Upper
165 100
63 49.8 44.2 66.4
89 48.6 39.8 59.8

Manual Integrations

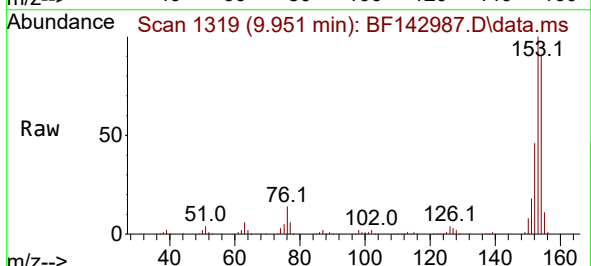
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

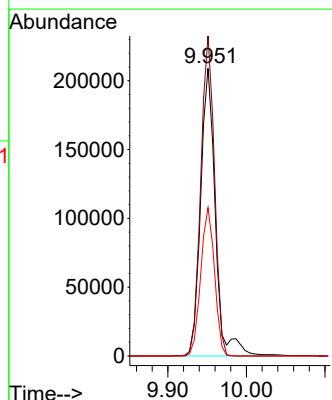
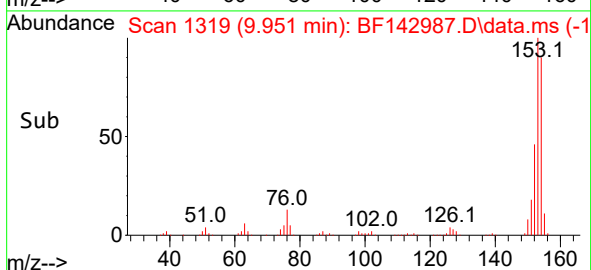
Supervised By :Jagrut Upadhyay 07/07/2025



#52
Acenaphthene
Concen: 39.375 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:154 Resp: 273709
Ion Ratio Lower Upper
154 100
153 111.2 90.0 135.0
152 51.6 41.9 62.9





#53
3-Nitroaniline
Concen: 38.765 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

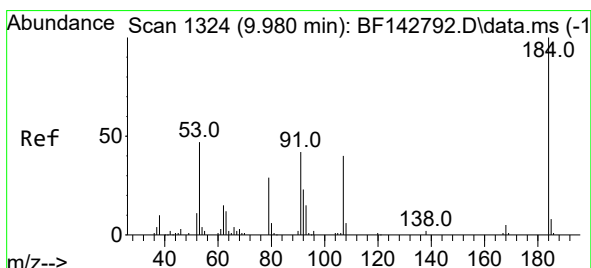
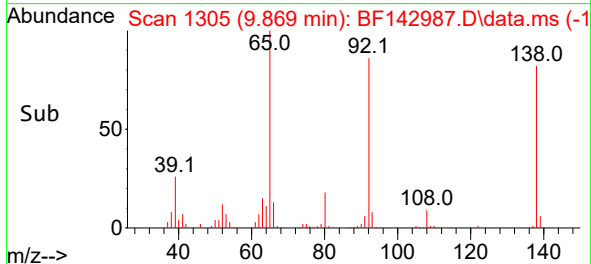
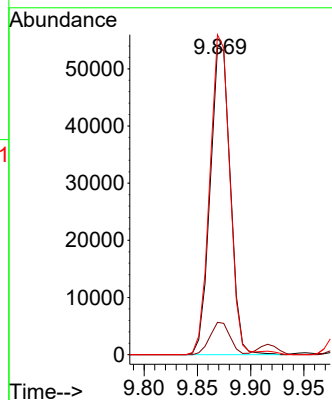
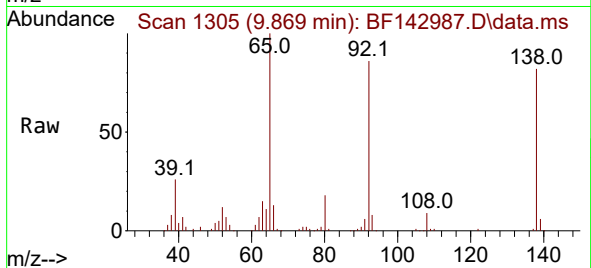
Tgt Ion:138 Resp: 7083
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 104.3 85.1 127.7

Manual Integrations

APPROVED

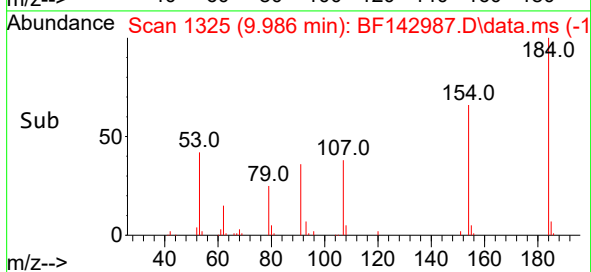
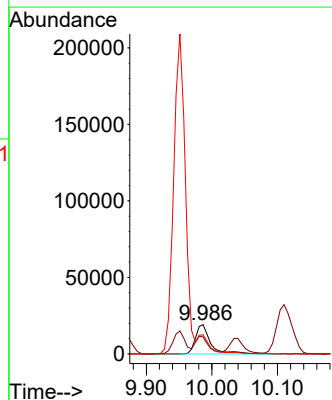
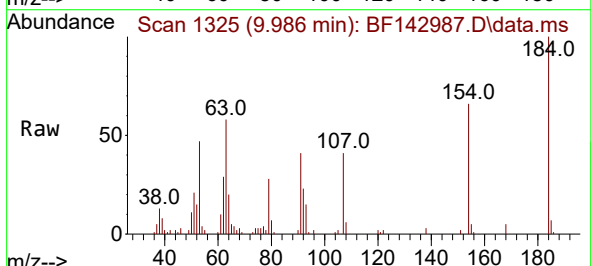
Reviewed By :Rahul Chavli 07/07/2025

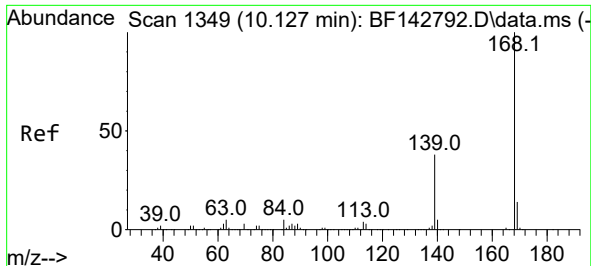
Supervised By :Jagrut Upadhyay 07/07/2025



#54
2,4-Dinitrophenol
Concen: 36.773 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

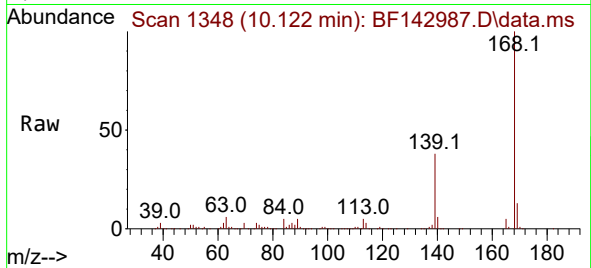
Tgt Ion:184 Resp: 30559
Ion Ratio Lower Upper
184 100
63 58.2 50.6 75.8
154 65.6 51.8 77.8





#55
Dibenzofuran
Concen: 38.246 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

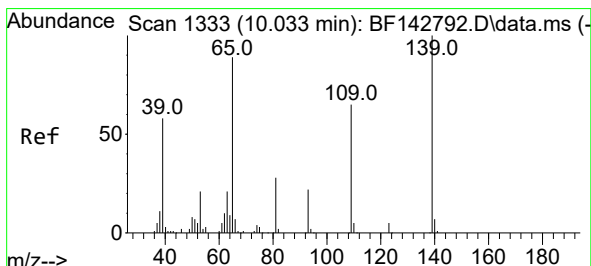
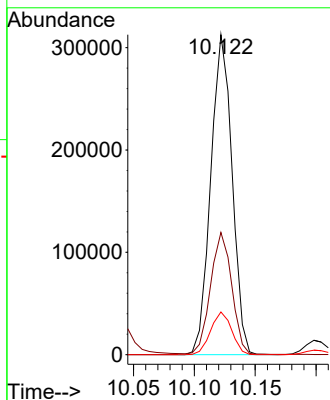
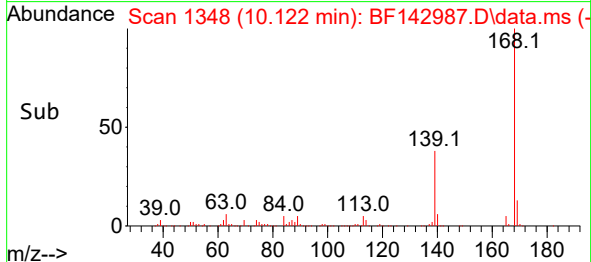
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 381239
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.4 10.8 16.2

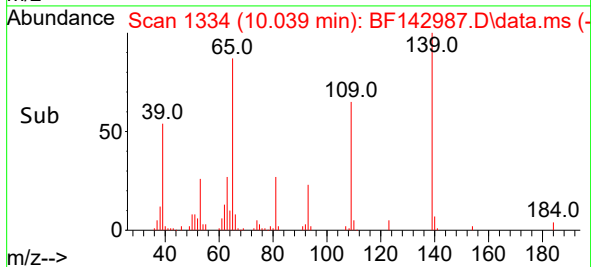
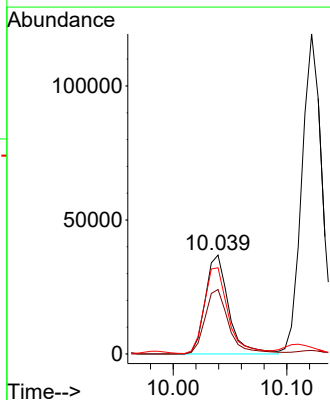
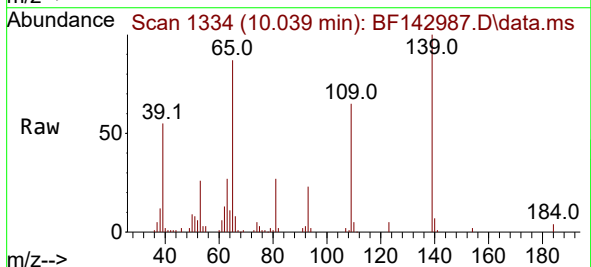
Manual Integrations
APPROVED

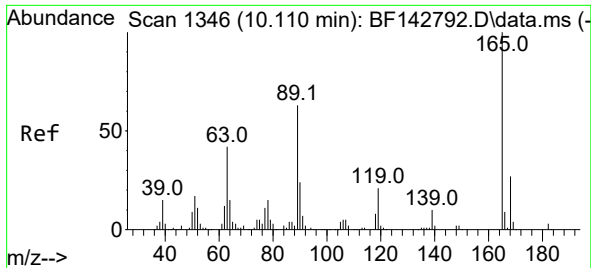
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#56
4-Nitrophenol
Concen: 42.156 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:139 Resp: 52736
Ion Ratio Lower Upper
139 100
109 65.2 44.7 84.7
65 87.2 69.8 109.8





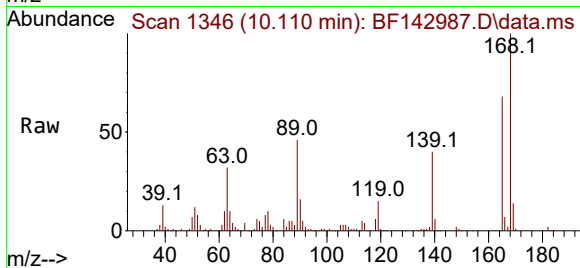
#57
2,4-Dinitrotoluene
Concen: 38.668 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



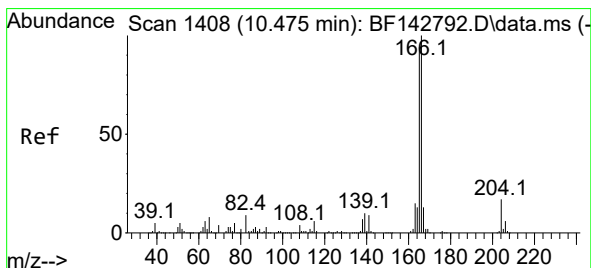
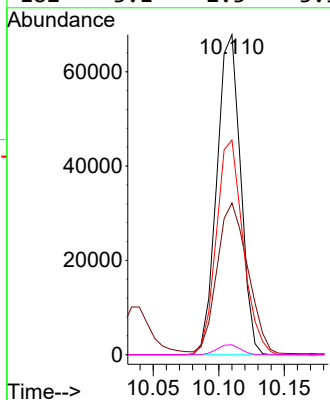
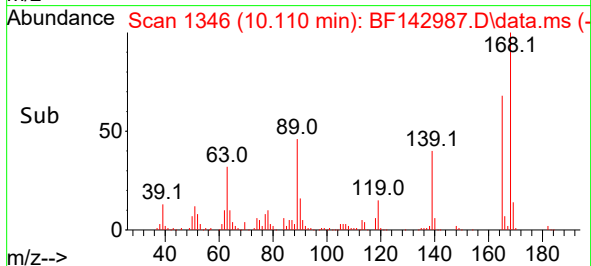
Tgt Ion:165 Resp: 85249
Ion Ratio Lower Upper
165 100
63 47.4 33.9 50.9
89 67.1 50.6 75.8
182 3.1 2.3 3.5

Manual Integrations

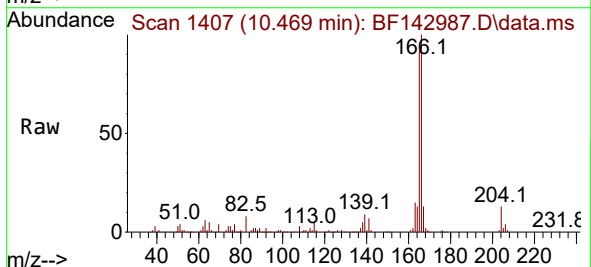
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

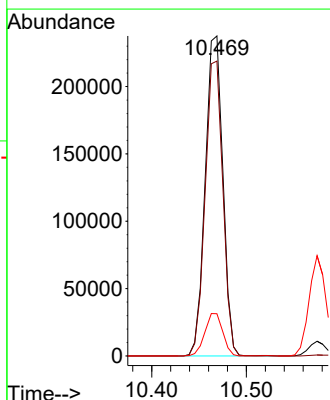
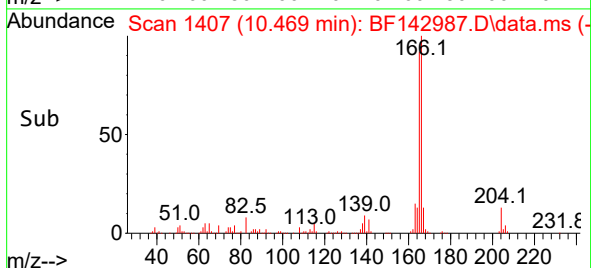
Supervised By :Jagrut Upadhyay 07/07/2025



#58
Fluorene
Concen: 39.535 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



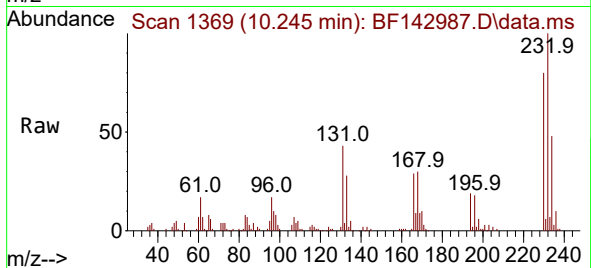
Tgt Ion:166 Resp: 307774
Ion Ratio Lower Upper
166 100
165 92.2 75.2 112.8
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.026 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

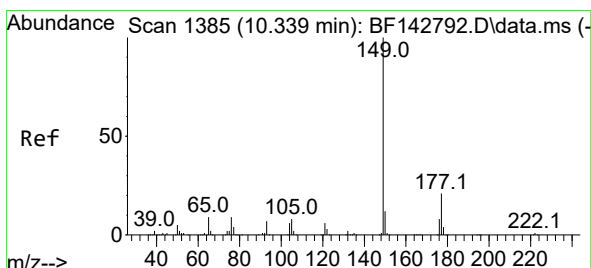
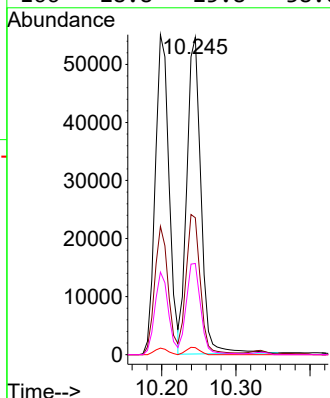
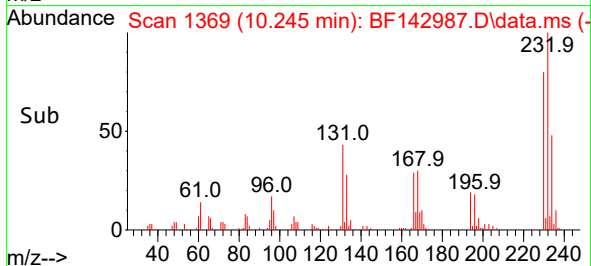
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



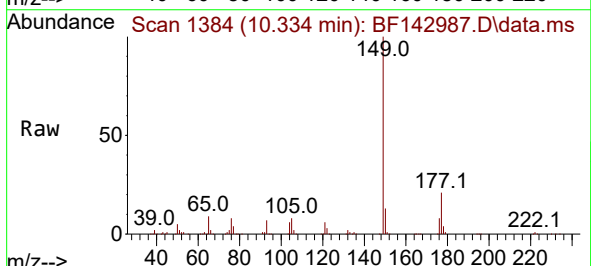
Tgt Ion:232 Resp: 7243
Ion Ratio Lower Upper
232 100
131 44.3 37.6 56.4
130 2.2 1.7 2.5
166 28.8 25.8 38.6

Manual Integrations
APPROVED

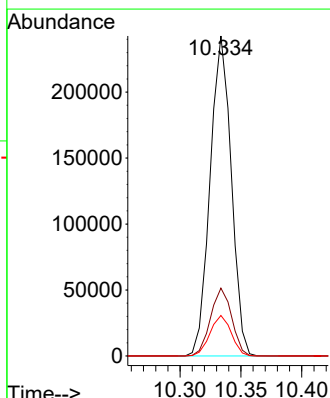
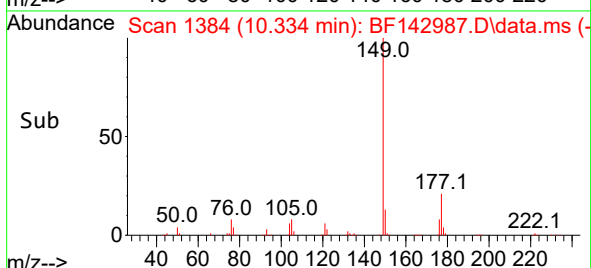
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

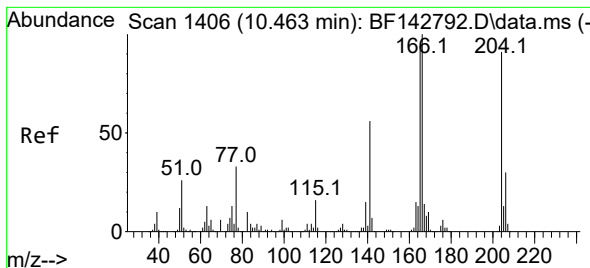


#60
Diethylphthalate
Concen: 39.592 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



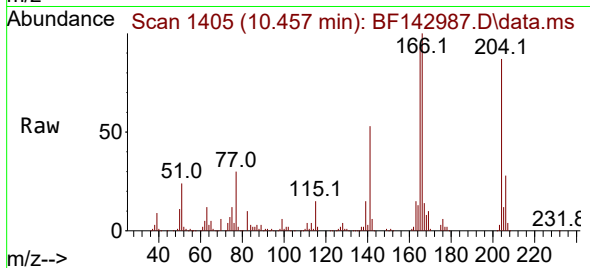
Tgt Ion:149 Resp: 293374
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 39.414 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

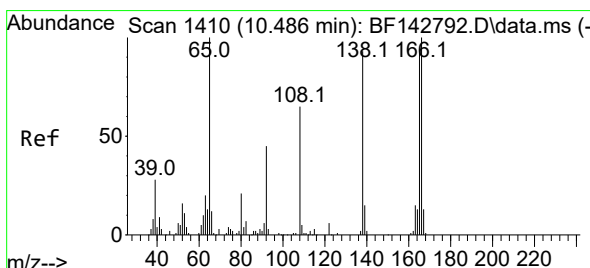
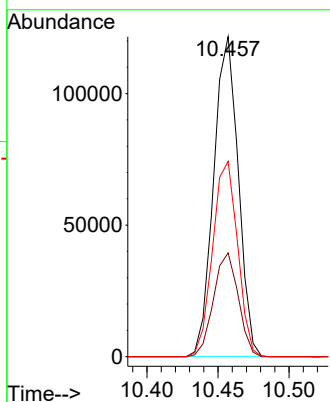
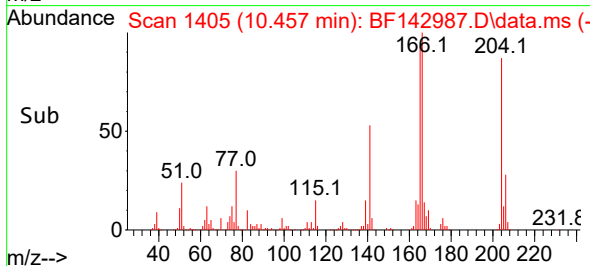
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 146410
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 61.1 49.1 73.7

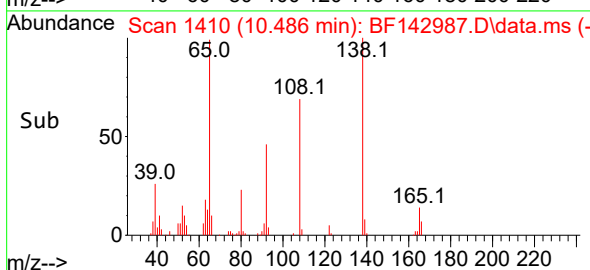
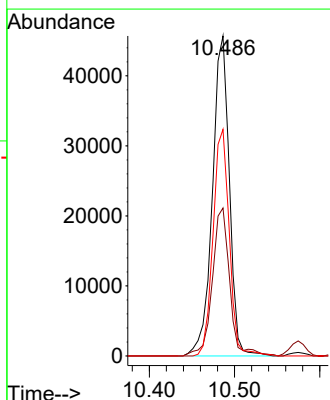
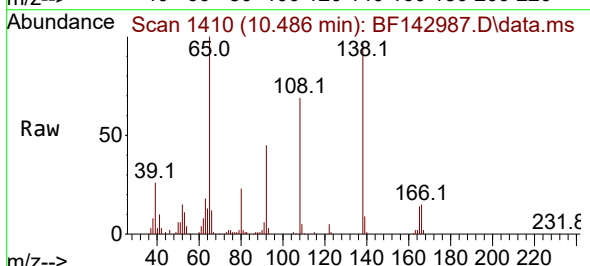
Manual Integrations
APPROVED

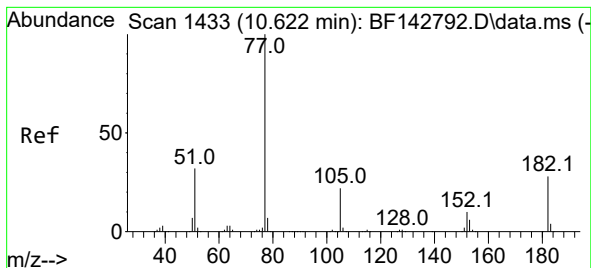
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#62
4-Nitroaniline
Concen: 37.809 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:138 Resp: 63187
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 70.8 50.2 90.2





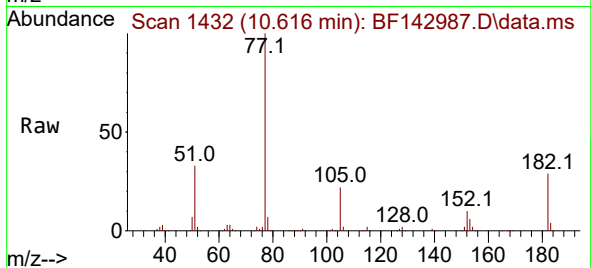
#63
Azobenzene
Concen: 37.889 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



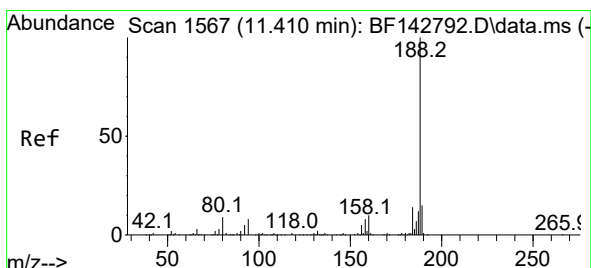
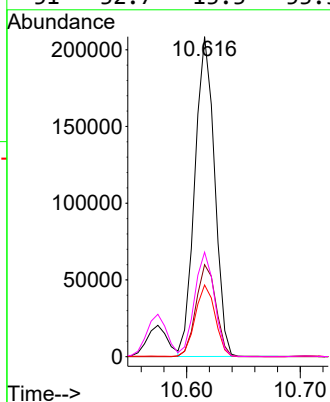
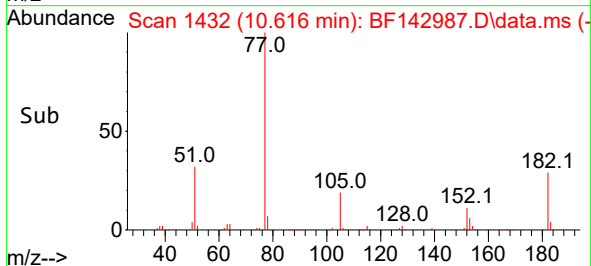
Tgt Ion: 77 Resp: 250925
Ion Ratio Lower Upper
77 100
182 28.8 7.7 47.7
105 22.4 1.9 41.9
51 32.7 13.3 53.3

Manual Integrations

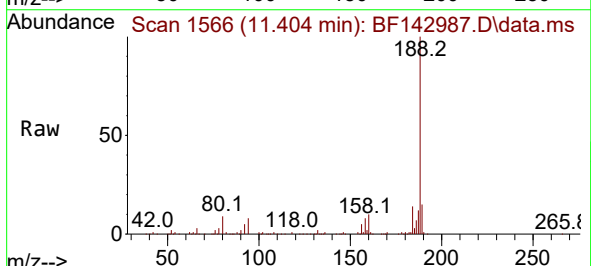
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

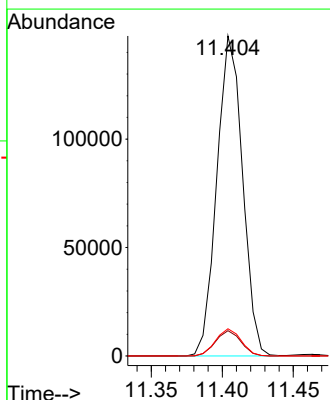
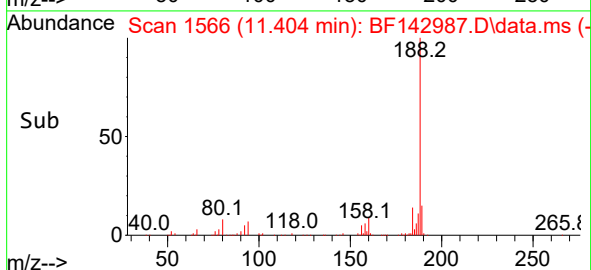
Supervised By :Jagrut Upadhyay 07/07/2025

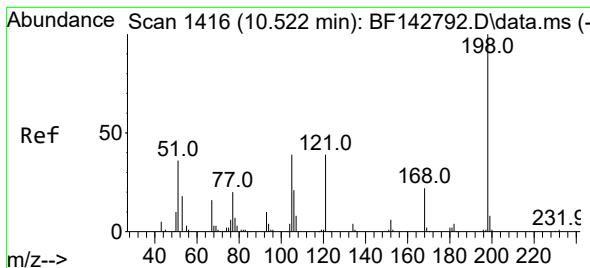


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



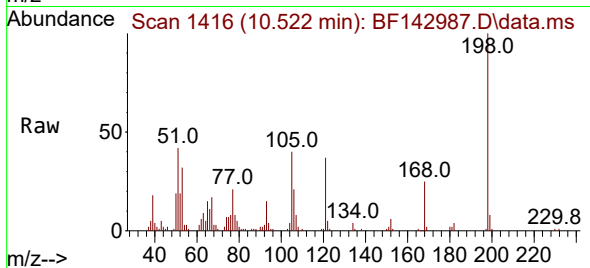
Tgt Ion:188 Resp: 185461
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 38.620 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

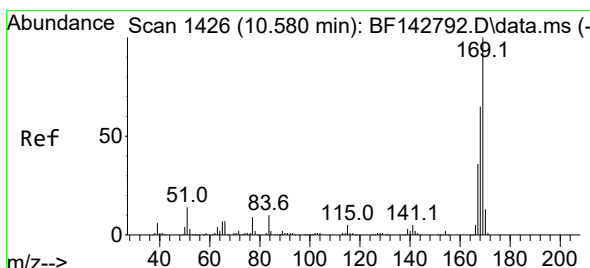
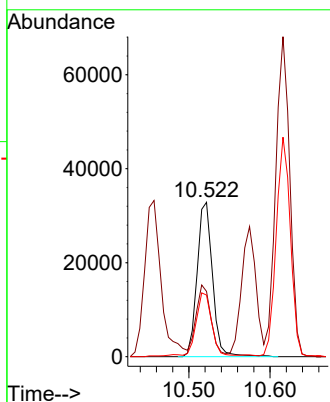
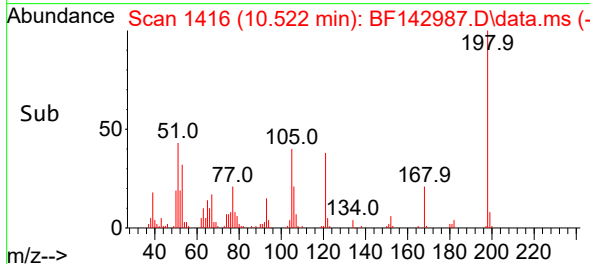
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



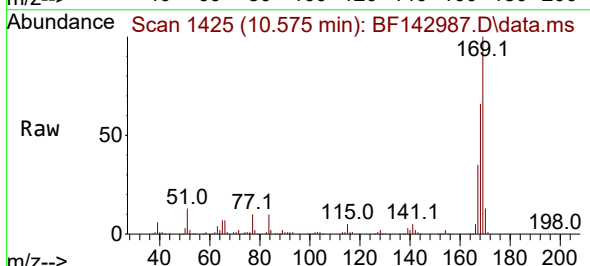
Tgt Ion:198 Resp: 43324
Ion Ratio Lower Upper
198 100
51 42.3 25.4 65.4
105 39.9 20.4 60.4

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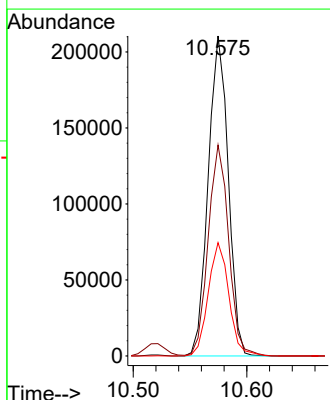
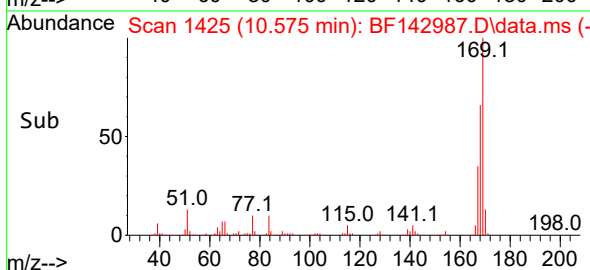
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

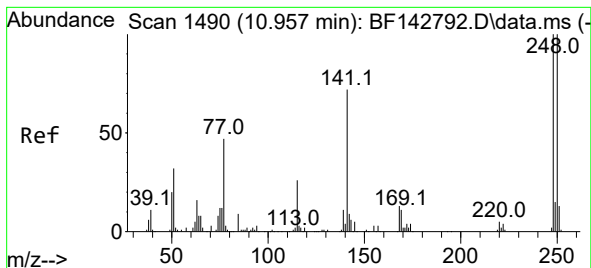


#66
n-Nitrosodiphenylamine
Concen: 40.136 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:169 Resp: 257976
Ion Ratio Lower Upper
169 100
168 65.9 51.9 77.9
167 35.4 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 40.663 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

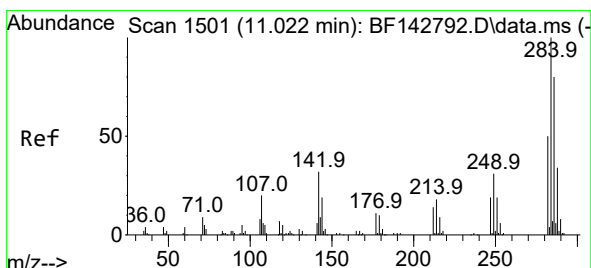
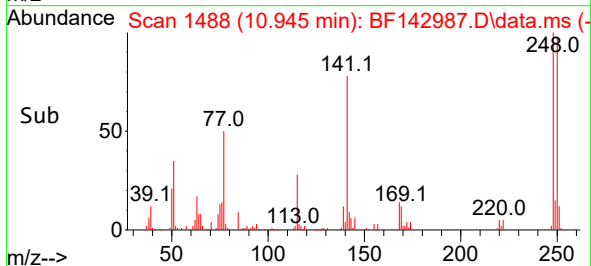
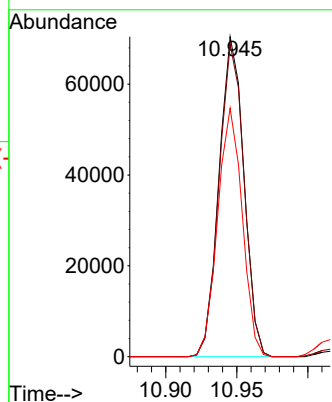
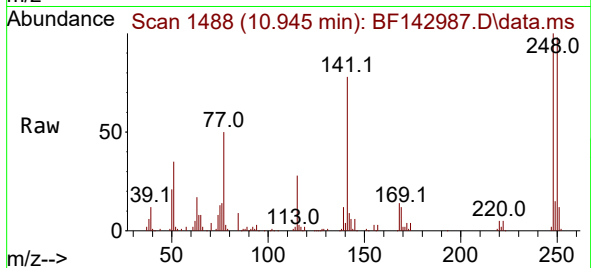
SSTDCCC040

Tgt Ion:248 Resp: 85828
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 77.7 57.8 86.6

Manual Integrations

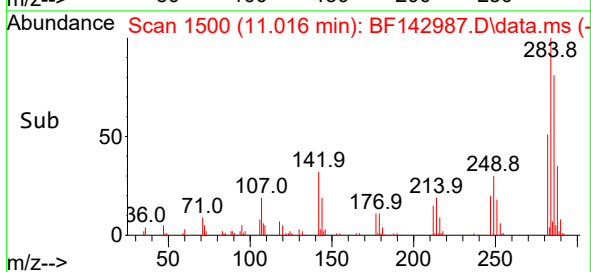
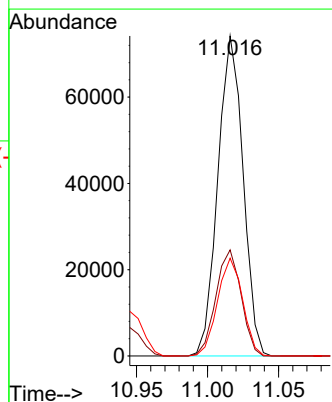
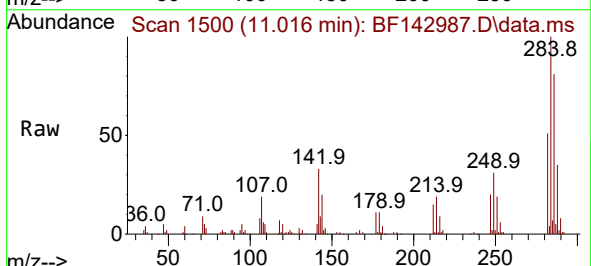
APPROVED

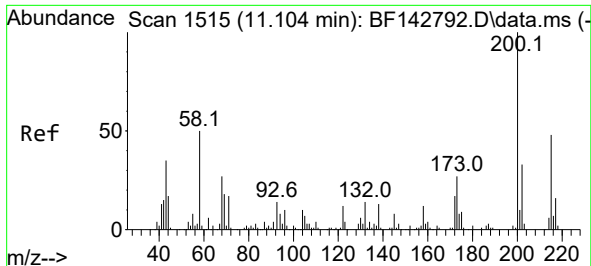
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#68
Hexachlorobenzene
Concen: 39.037 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

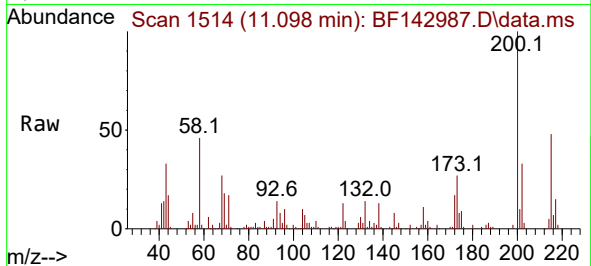
Tgt Ion:284 Resp: 91556
Ion Ratio Lower Upper
284 100
142 33.2 25.5 38.3
249 30.6 24.9 37.3





#69
Atrazine
Concen: 42.197 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

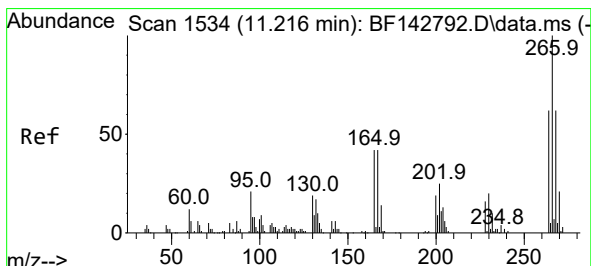
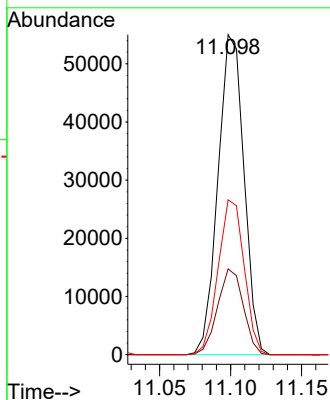
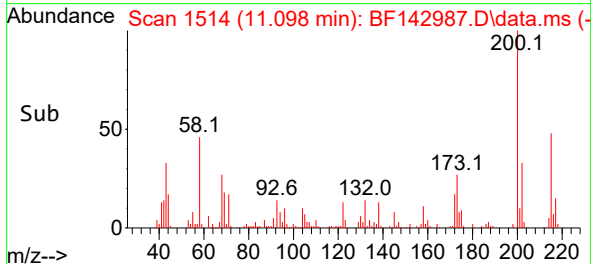
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



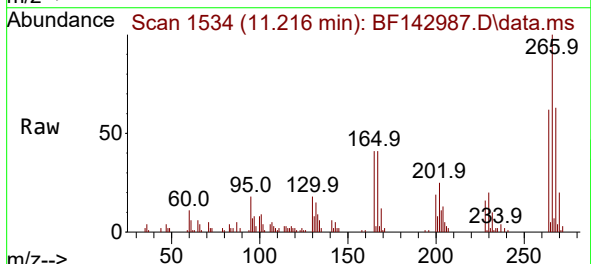
Tgt Ion:200 Resp: 70039
Ion Ratio Lower Upper
200 100
173 26.8 7.4 47.4
215 48.4 28.4 68.4

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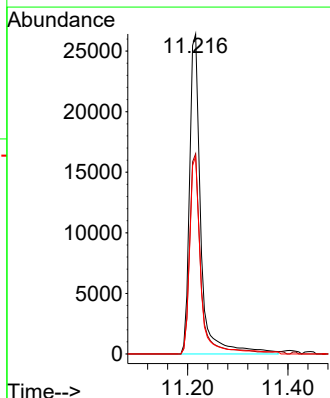
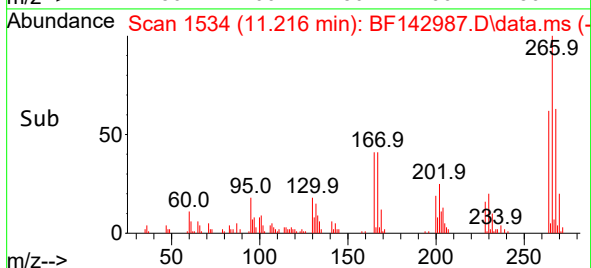
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025

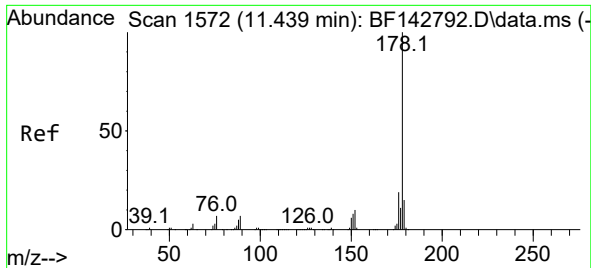


#70
Pentachlorophenol
Concen: 35.407 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:266 Resp: 41380
Ion Ratio Lower Upper
266 100
268 62.6 49.8 74.8
264 61.8 49.9 74.9





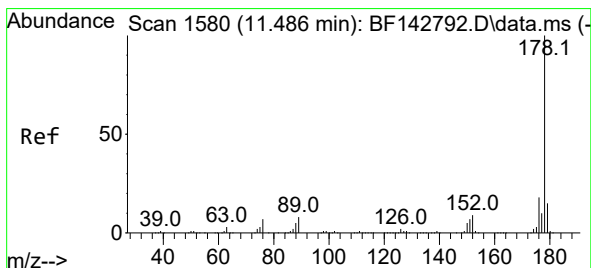
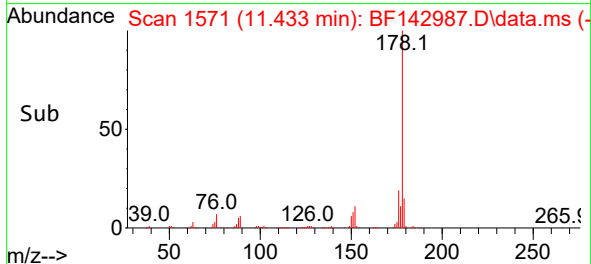
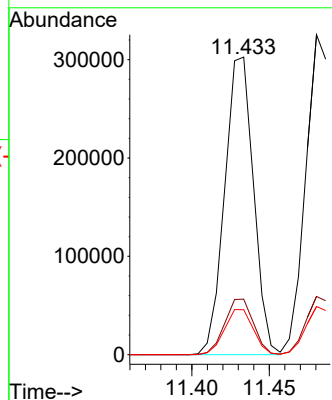
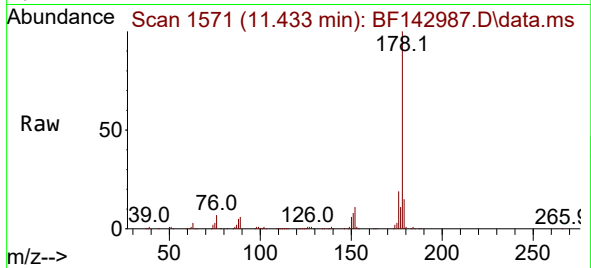
#71
Phenanthrene
Concen: 39.002 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 391835
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.1 12.0 18.0

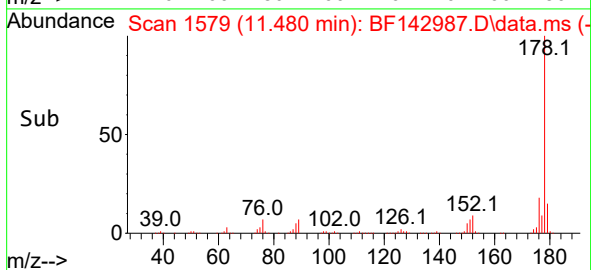
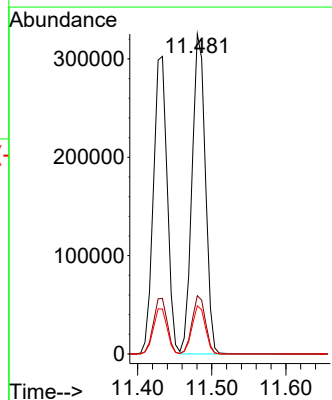
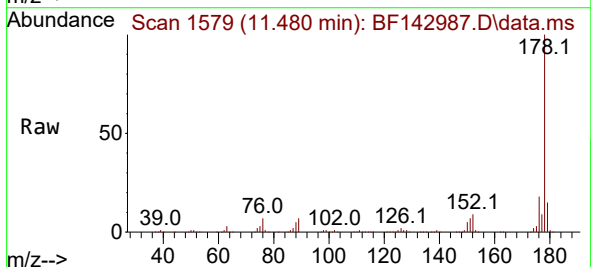
Manual Integrations
APPROVED

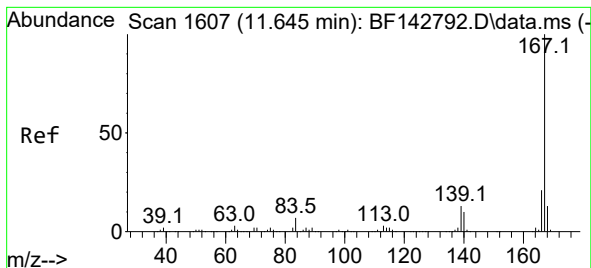
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#72
Anthracene
Concen: 39.432 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:178 Resp: 406285
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.0 12.4 18.6





#73

Carbazole

Concen: 38.315 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.006 min

Lab File: BF142987.D

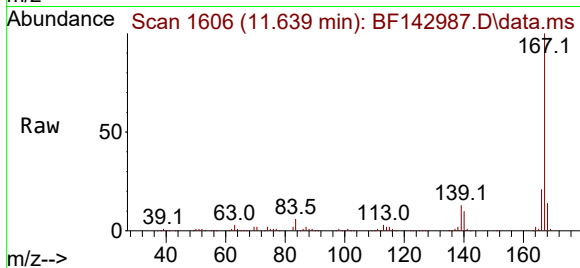
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 340680

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

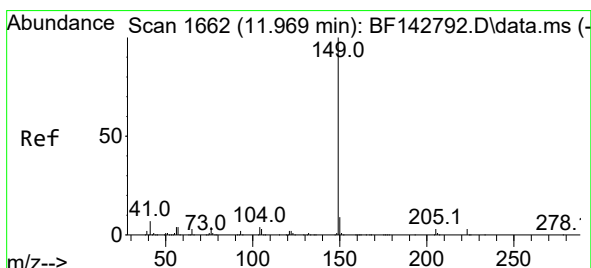
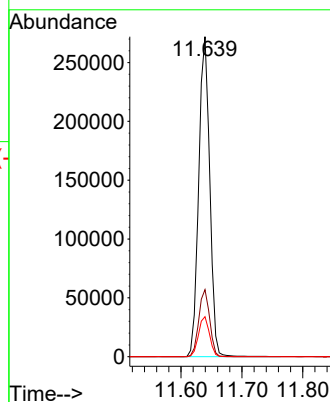
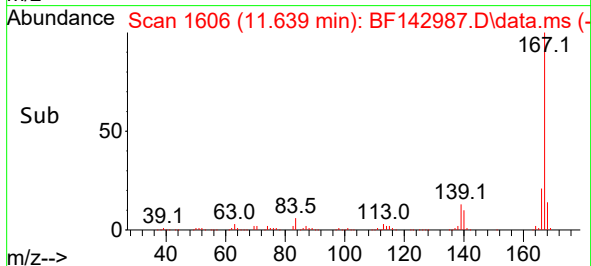
139 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#74

Di-n-butylphthalate

Concen: 41.741 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

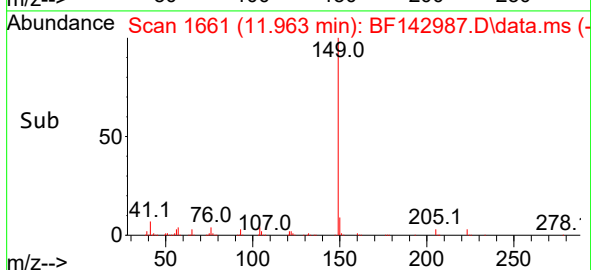
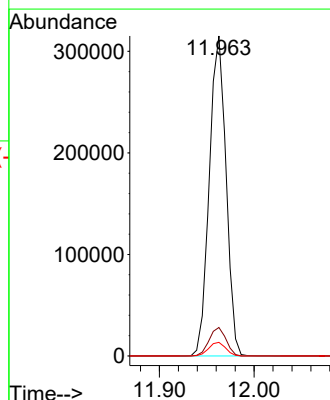
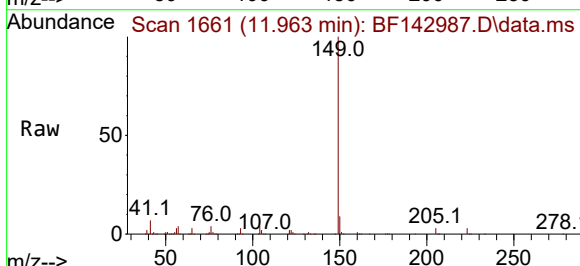
Tgt Ion:149 Resp: 386639

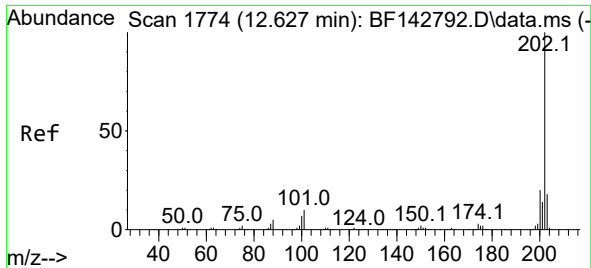
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

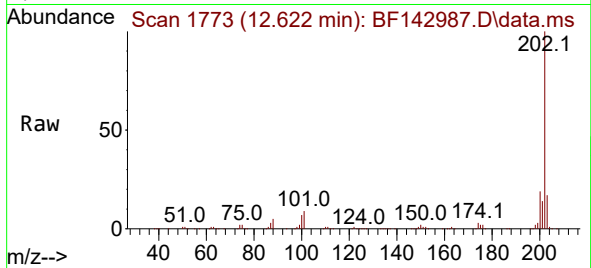
104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 37.478 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

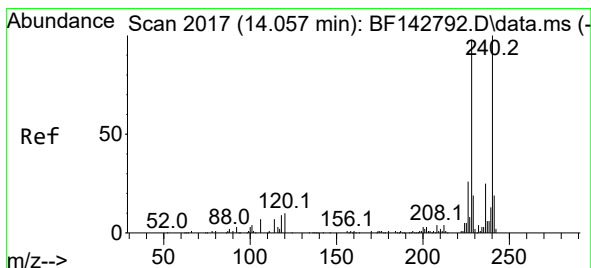
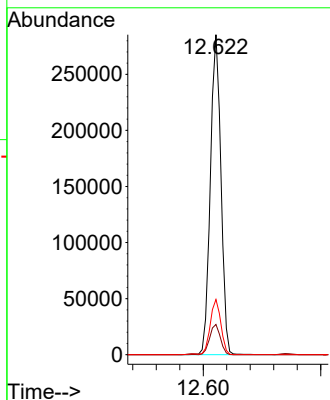
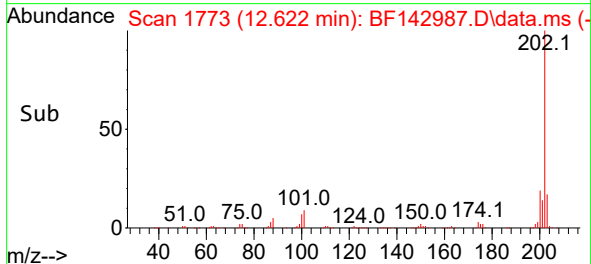
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 35734
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.3 0.0 37.5

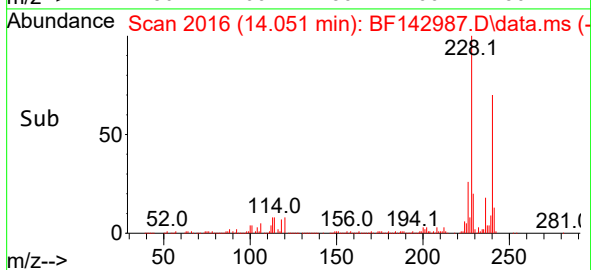
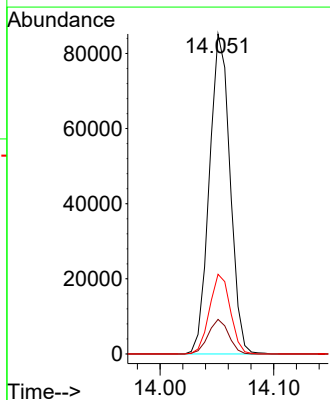
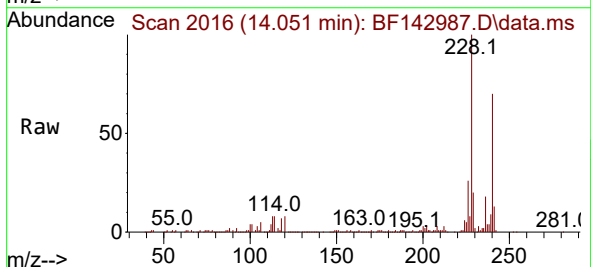
Manual Integrations
APPROVED

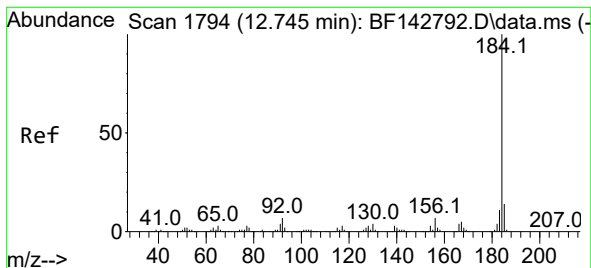
Reviewed By :Rahul Chavli 07/07/2025
Supervised By :Jagrut Upadhyay 07/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:240 Resp: 107728
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 24.9 19.8 29.8





#77

Benzidine

Concen: 48.497 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142987.D

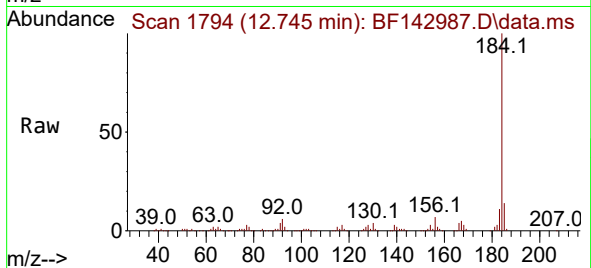
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 196289

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

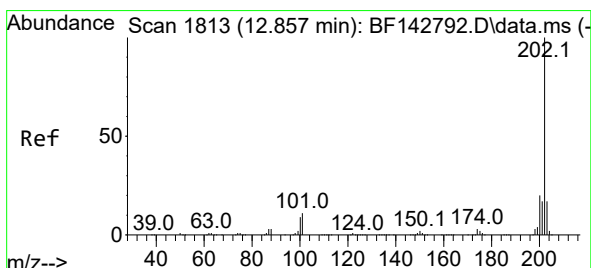
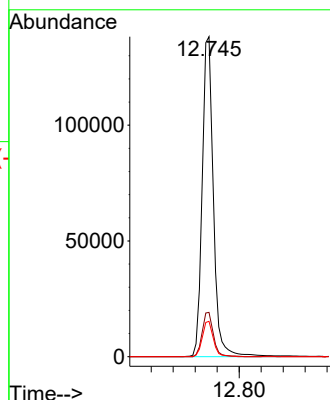
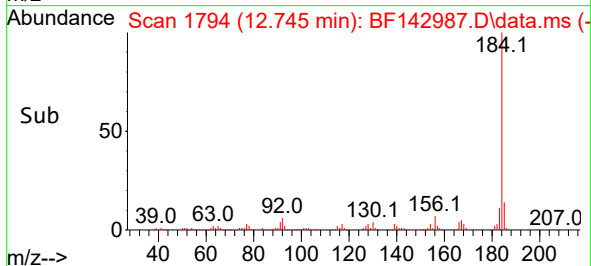
183 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#78

Pyrene

Concen: 39.708 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

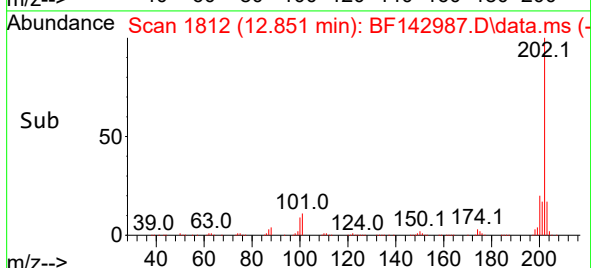
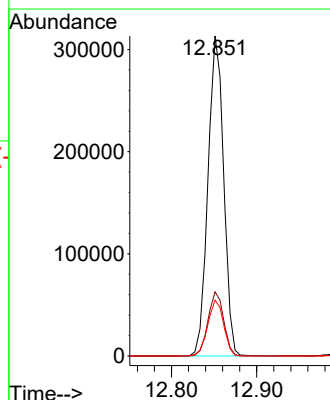
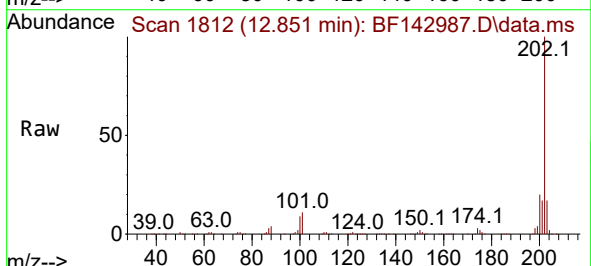
Tgt Ion:202 Resp: 400958

Ion Ratio Lower Upper

202 100

200 20.0 15.7 23.5

203 17.5 13.8 20.6





#79
 Terphenyl-d14
 Concen: 76.727 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

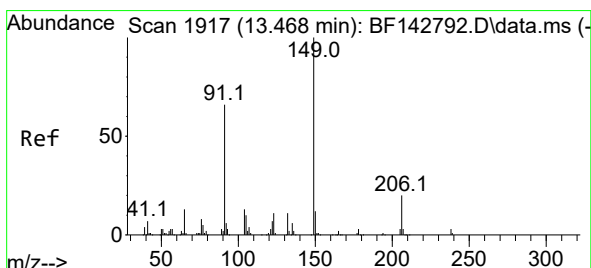
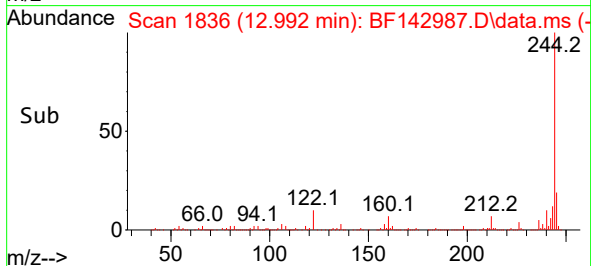
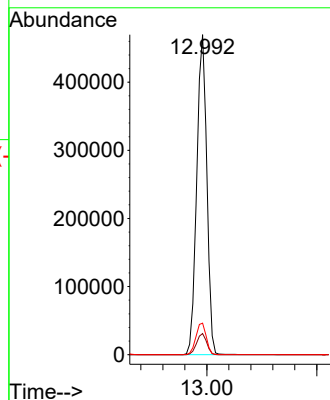
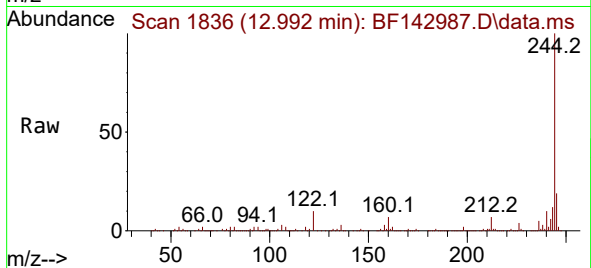
SSTDCCC040

Tgt Ion:244 Resp: 598225
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.9 8.2 12.2

Manual Integrations

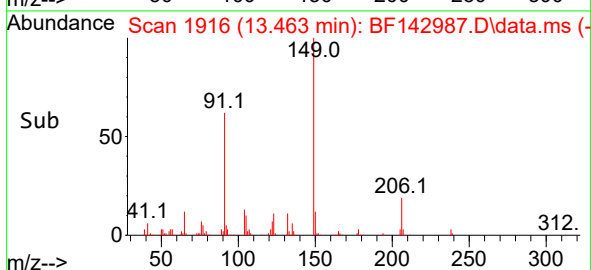
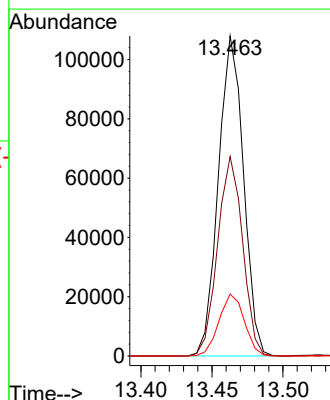
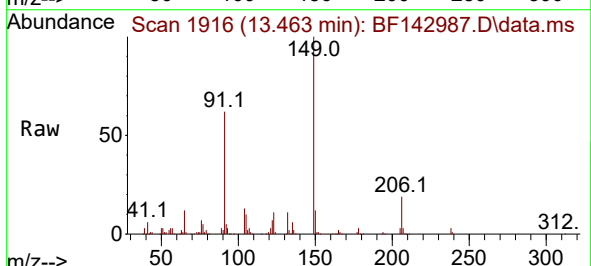
APPROVED

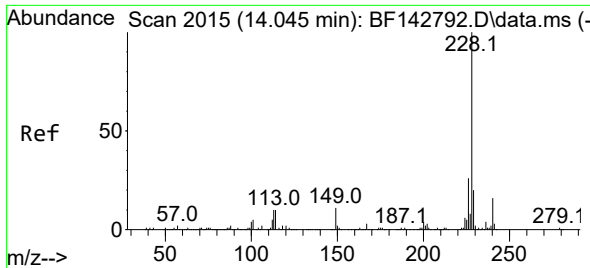
Reviewed By :Rahul Chavli 07/07/2025
 Supervised By :Jagrut Upadhyay 07/07/2025



#80
 Butylbenzylphthalate
 Concen: 45.336 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: BF142987.D
 Acq: 03 Jul 2025 09:55

Tgt Ion:149 Resp: 132794
 Ion Ratio Lower Upper
 149 100
 91 62.3 52.9 79.3
 206 19.3 16.3 24.5





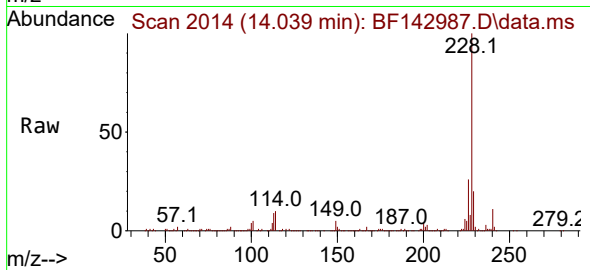
#81
Benzo(a)anthracene
Concen: 40.334 ng
RT: 14.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



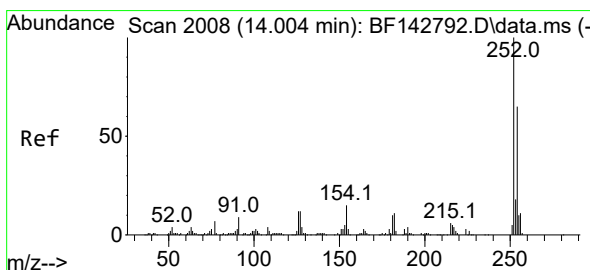
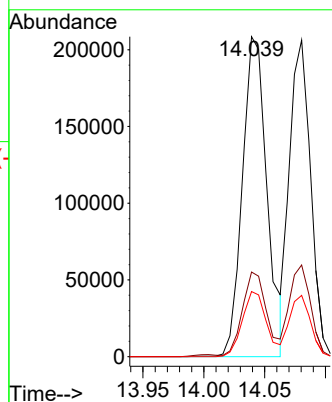
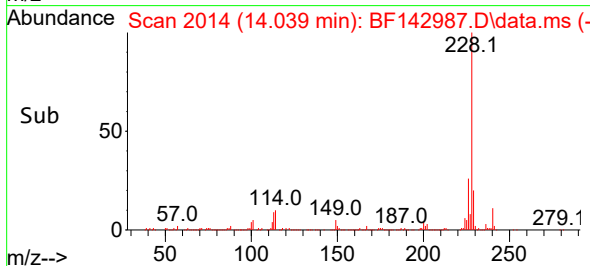
Tgt Ion:228 Resp: 29312
Ion Ratio Lower Upper
228 100
226 26.4 21.2 31.8
229 20.4 15.6 23.4

Manual Integrations

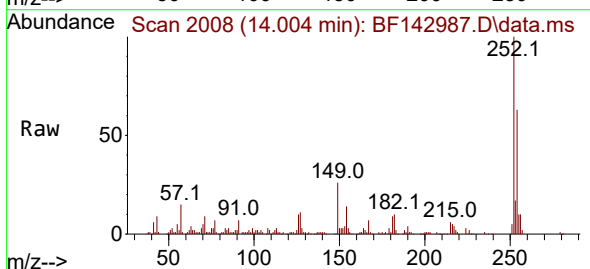
APPROVED

Reviewed By :Rahul Chavli 07/07/2025

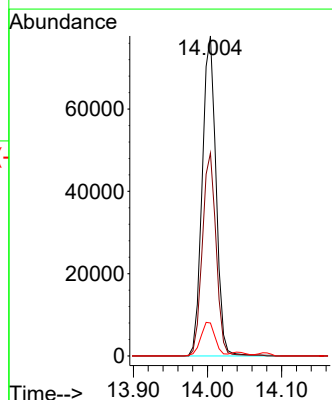
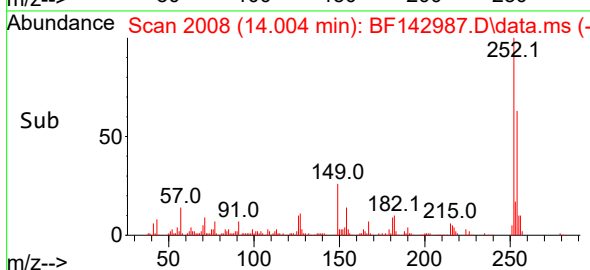
Supervised By :Jagrut Upadhyay 07/07/2025

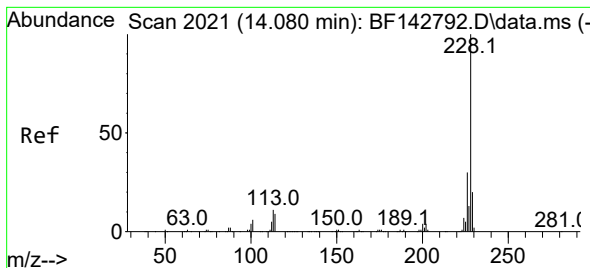


#82
3,3'-Dichlorobenzidine
Concen: 42.716 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55



Tgt Ion:252 Resp: 100692
Ion Ratio Lower Upper
252 100
254 63.4 51.7 77.5
126 10.3 9.4 14.2





#83

Chrysene

Concen: 38.324 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142987.D

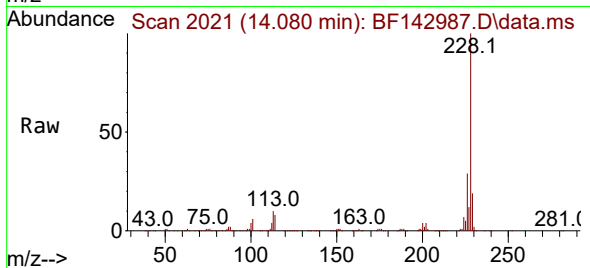
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 248524

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

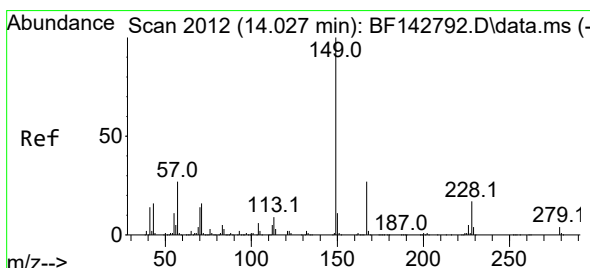
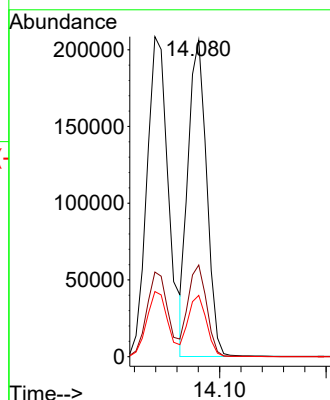
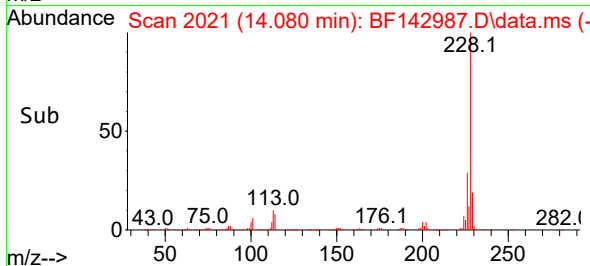
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.096 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

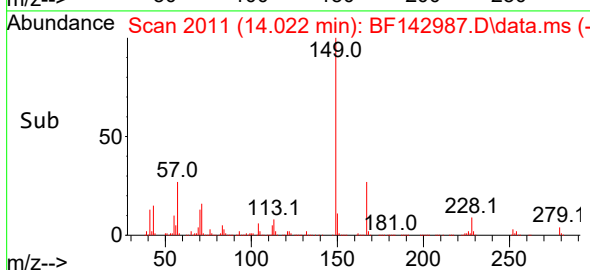
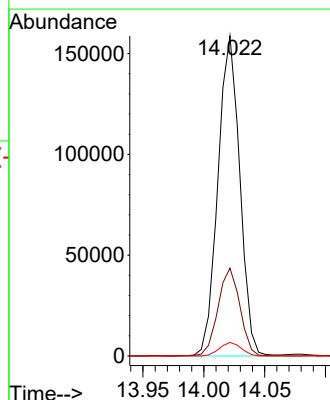
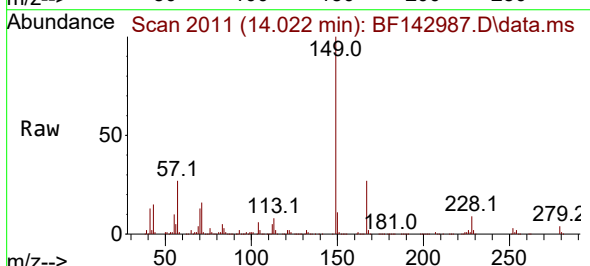
Tgt Ion:149 Resp: 198476

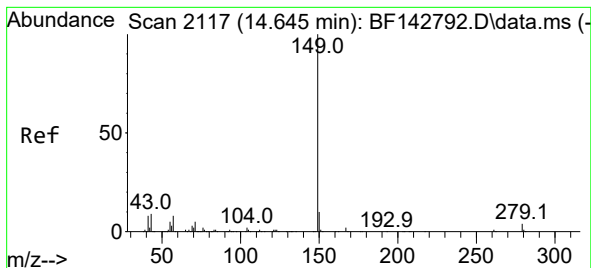
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.074 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 36613

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

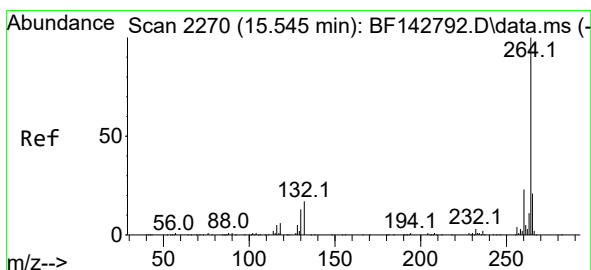
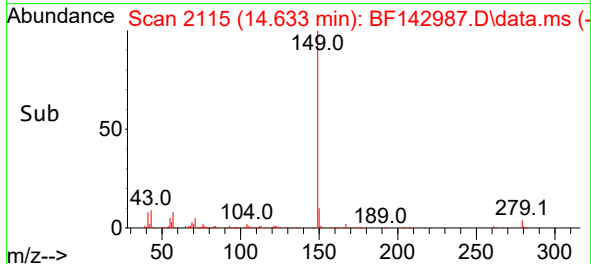
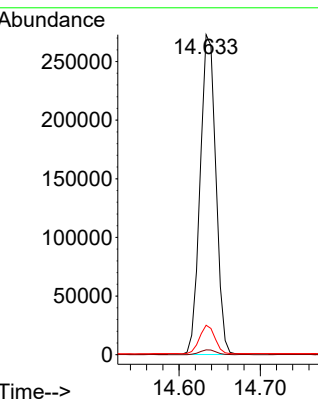
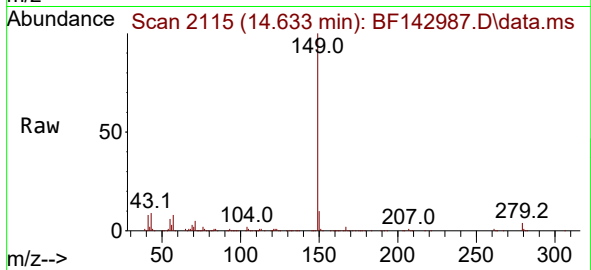
43 8.6 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

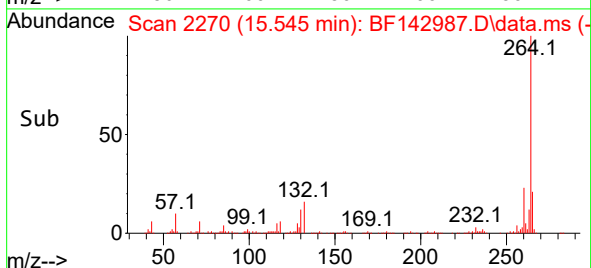
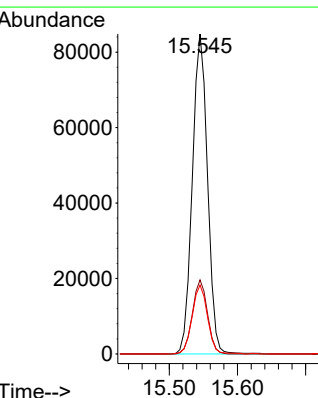
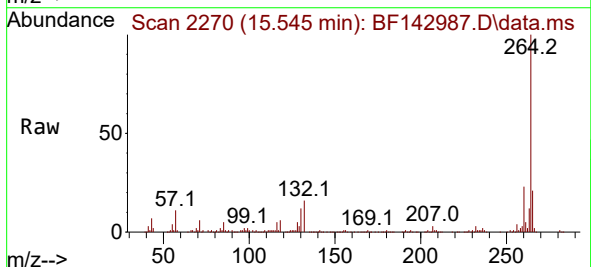
Tgt Ion:264 Resp: 131364

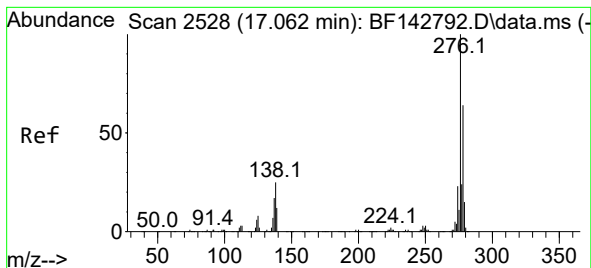
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.078 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 37099

Ion Ratio Lower Upper

276 100

138 24.3 20.2 30.4

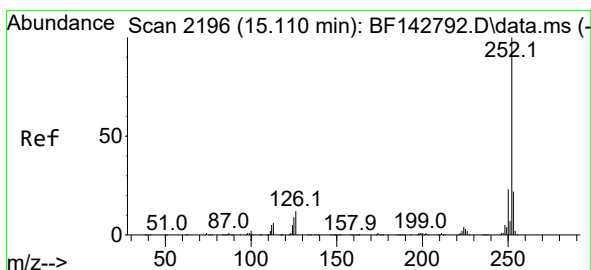
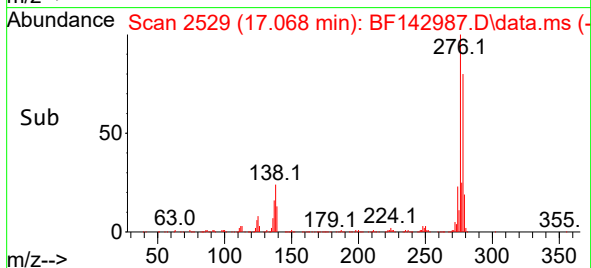
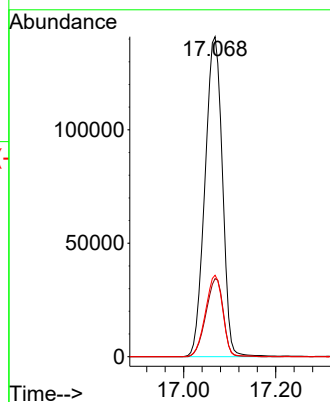
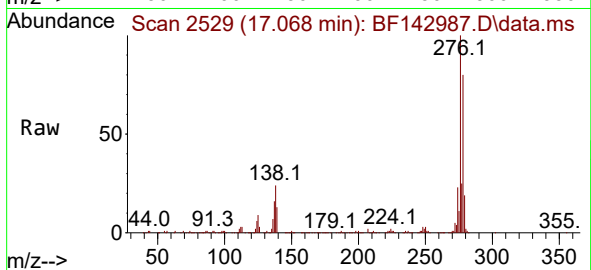
277 25.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/07/2025

Supervised By :Jagrut Upadhyay 07/07/2025



#88

Benzo(b)fluoranthene

Concen: 40.149 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142987.D

Acq: 03 Jul 2025 09:55

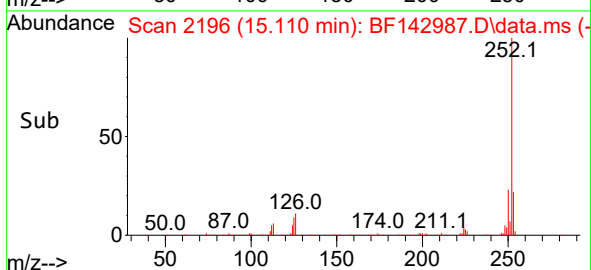
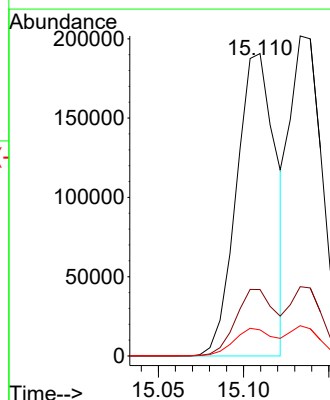
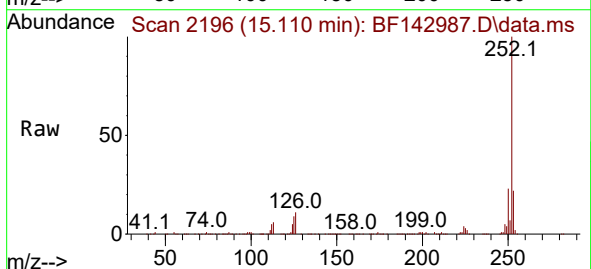
Tgt Ion:252 Resp: 305182

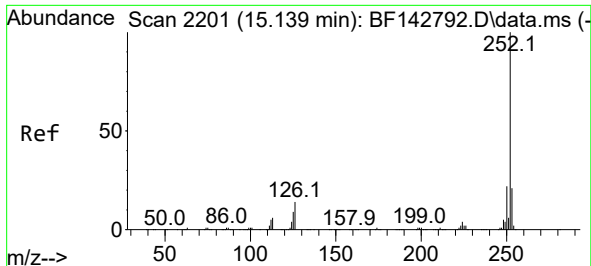
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.6 7.4 11.0





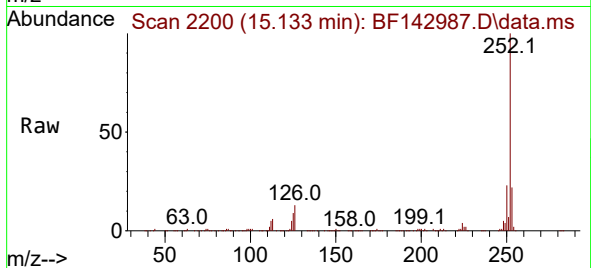
#89
Benzo(k)fluoranthene
Concen: 37.503 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



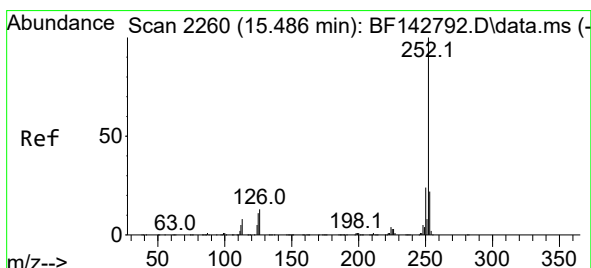
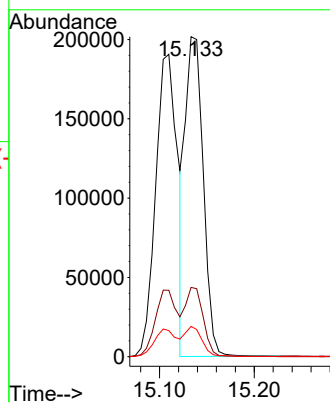
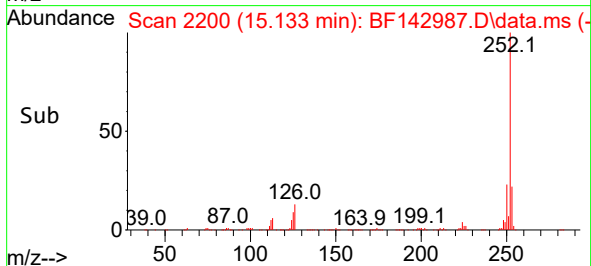
Tgt Ion:252 Resp: 26670
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.5 7.4 11.2

Manual Integrations

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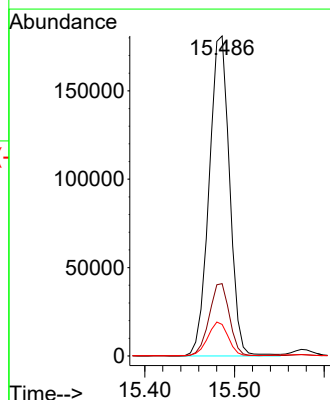
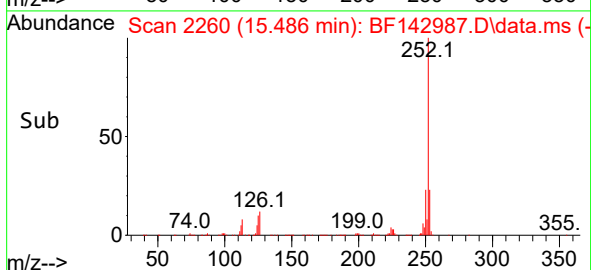
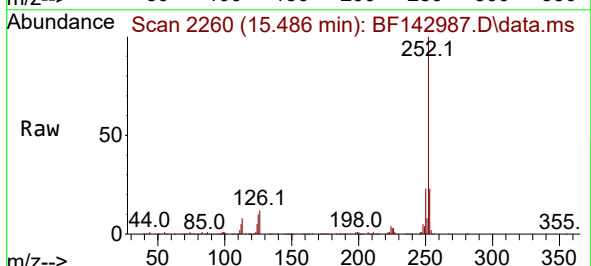
Reviewed By :Rahul Chavli 07/07/2025

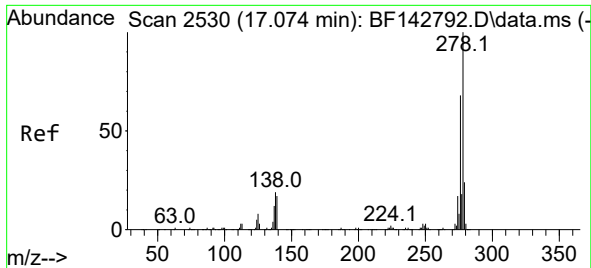
Supervised By :Jagrut Upadhyay 07/07/2025



#90
Benzo(a)pyrene
Concen: 39.025 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:252 Resp: 286573
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 9.9 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 36.984 ng
RT: 17.080 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Instrument :

BNA_F

ClientSampleId :

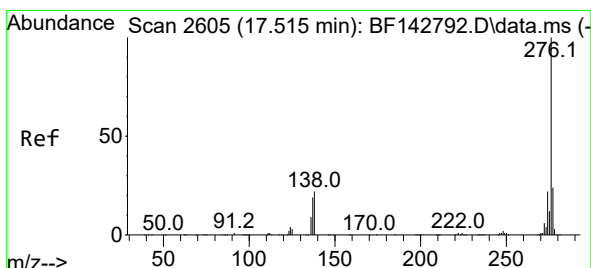
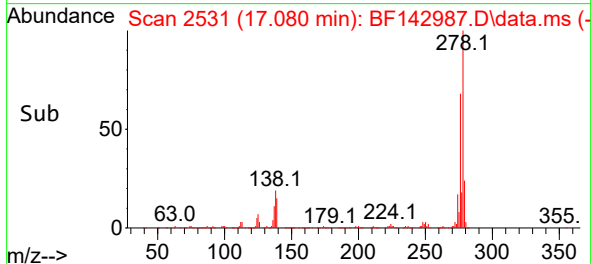
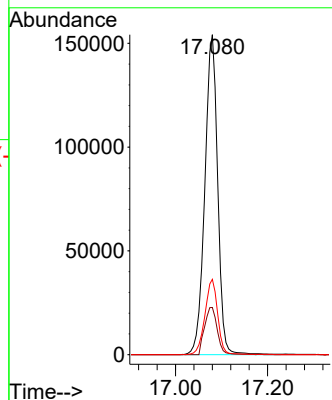
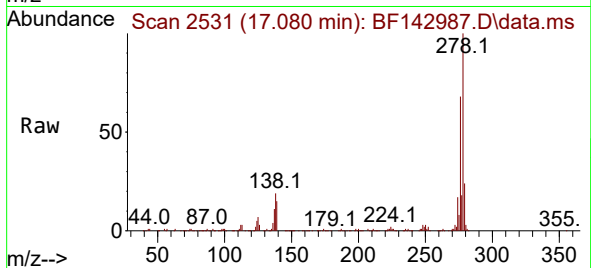
SSTDCCC040

Tgt Ion:278 Resp: 30067
Ion Ratio Lower Upper
278 100
139 14.7 13.5 20.3
279 23.6 18.8 28.2

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 35.763 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142987.D
Acq: 03 Jul 2025 09:55

Tgt Ion:276 Resp: 289923
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 21.0 17.6 26.4

