

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142630.D
 Acq On : 05 Jun 2025 13:07
 Operator : RC/JU
 Sample : Q2194-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 13:36:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123357	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	463790	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232069	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	359383	20.000	ng	0.00
76) Chrysene-d12	14.068	240	228816	20.000	ng	0.00
86) Perylene-d12	15.557	264	274428	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	606643	82.853	ng	0.00
7) Phenol-d6	6.528	99	725535	82.317	ng	0.00
23) Nitrobenzene-d5	7.457	82	442951	52.079	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	199475	77.446	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	866115	50.080	ng	-0.01
79) Terphenyl-d14	13.010	244	668267	39.911	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	117333	40.046	ng	97
3) Pyridine	3.493	79	318357	42.668	ng	98
4) n-Nitrosodimethylamine	3.446	42	168553	43.509	ng	89
6) Aniline	6.557	93	422068	35.614	ng	97
8) 2-Chlorophenol	6.681	128	354006	44.389	ng	99
9) Benzaldehyde	6.445	77	186774	35.232	ng	99
10) Phenol	6.539	94	425836	42.938	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	313745	43.948	ng	100
12) 1,3-Dichlorobenzene	6.839	146	384366	43.191	ng	98
13) 1,4-Dichlorobenzene	6.916	146	387280	43.203	ng	98
14) 1,2-Dichlorobenzene	7.063	146	376839	43.933	ng	98
15) Benzyl Alcohol	7.034	79	278195	42.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	518664	43.262	ng	98
17) 2-Methylphenol	7.145	107	266908	42.866	ng	100
18) Hexachloroethane	7.410	117	136975	43.760	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	220986	40.455	ng	99
20) 3+4-Methylphenols	7.298	107	323534	40.575	ng	97
22) Acetophenone	7.304	105	439621	42.819	ng	98
24) Nitrobenzene	7.481	77	336215	43.829	ng	98
25) Isophorone	7.716	82	599610	42.165	ng	98
26) 2-Nitrophenol	7.792	139	192003	46.842	ng	97
27) 2,4-Dimethylphenol	7.833	122	308954	42.741	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	385605	43.408	ng	99
29) 2,4-Dichlorophenol	8.039	162	286625	43.601	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	316300	44.335	ng	98
31) Naphthalene	8.204	128	990347	43.366	ng	100
32) Benzoic acid	7.945	122	199134	45.256	ng	97
33) 4-Chloroaniline	8.251	127	220081	23.783	ng	97
34) Hexachlorobutadiene	8.316	225	191757	43.046	ng	99
35) Caprolactam	8.616	113	85131m	46.109	ng	
36) 4-Chloro-3-methylphenol	8.733	107	276250	41.005	ng	95
37) 2-Methylnaphthalene	8.892	142	603054	41.975	ng	99
38) 1-Methylnaphthalene	8.992	142	620345	41.743	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	307948	46.227	ng	99
41) Hexachlorocyclopentadiene	9.045	237	381130	84.810	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	204875	45.608	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	206573	43.603	ng	98
46) 1,1'-Biphenyl	9.357	154	809190	44.944	ng	99
47) 2-Chloronaphthalene	9.386	162	601823	45.242	ng	98
48) 2-Nitroaniline	9.480	65	173466	45.115	ng	96
49) Acenaphthylene	9.798	152	984557	43.832	ng	99
50) Dimethylphthalate	9.657	163	661895	43.225	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148392	44.900	ng	95
52) Acenaphthene	9.975	154	654841	47.744	ng	99
53) 3-Nitroaniline	9.886	138	106885	29.610	ng	99
54) 2,4-Dinitrophenol	9.998	184	175836	102.981	ng	92
55) Dibenzofuran	10.145	168	846807	42.904	ng	98
56) 4-Nitrophenol	10.051	139	242899	91.196	ng	97
57) 2,4-Dinitrotoluene	10.127	165	195481	45.290	ng	98
58) Fluorene	10.486	166	646129	42.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	173703	43.920	ng	97
60) Diethylphthalate	10.357	149	631869	42.251	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	311750	41.620	ng	96
62) 4-Nitroaniline	10.504	138	147725	45.122	ng	97
63) Azobenzene	10.639	77	633510	47.163	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	103631	51.670	ng	98
66) n-Nitrosodiphenylamine	10.598	169	556337	45.248	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	191389	45.039	ng	97
68) Hexachlorobenzene	11.033	284	209677	44.612	ng	99
69) Atrazine	11.121	200	163121	49.956	ng	98
70) Pentachlorophenol	11.233	266	230613	86.908	ng	99
71) Phenanthrene	11.451	178	840862	43.781	ng	100
72) Anthracene	11.504	178	862354	43.995	ng	100
73) Carbazole	11.657	167	753059	44.940	ng	99
74) Di-n-butylphthalate	11.980	149	877150	47.821	ng	100
75) Fluoranthene	12.639	202	797484	44.438	ng	98
77) Benzidine	12.757	184	347487	40.809	ng	99
78) Pyrene	12.868	202	793809	37.189	ng	99
80) Butylbenzylphthalate	13.480	149	304769	51.673	ng	99
81) Benzo(a)anthracene	14.057	228	682149	44.645	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	161271	34.799	ng	99
83) Chrysene	14.092	228	625549	45.563	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	420218	55.655	ng	99
85) Di-n-octyl phthalate	14.657	149	712180	48.240	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	891327	43.263	ng	99
88) Benzo(b)fluoranthene	15.121	252	704683	43.387	ng	98
89) Benzo(k)fluoranthene	15.151	252	698419	45.911	ng	98
90) Benzo(a)pyrene	15.498	252	704890	46.042	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	722055	43.212	ng	98
92) Benzo(g,h,i)perylene	17.539	276	713255	42.677	ng	99

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

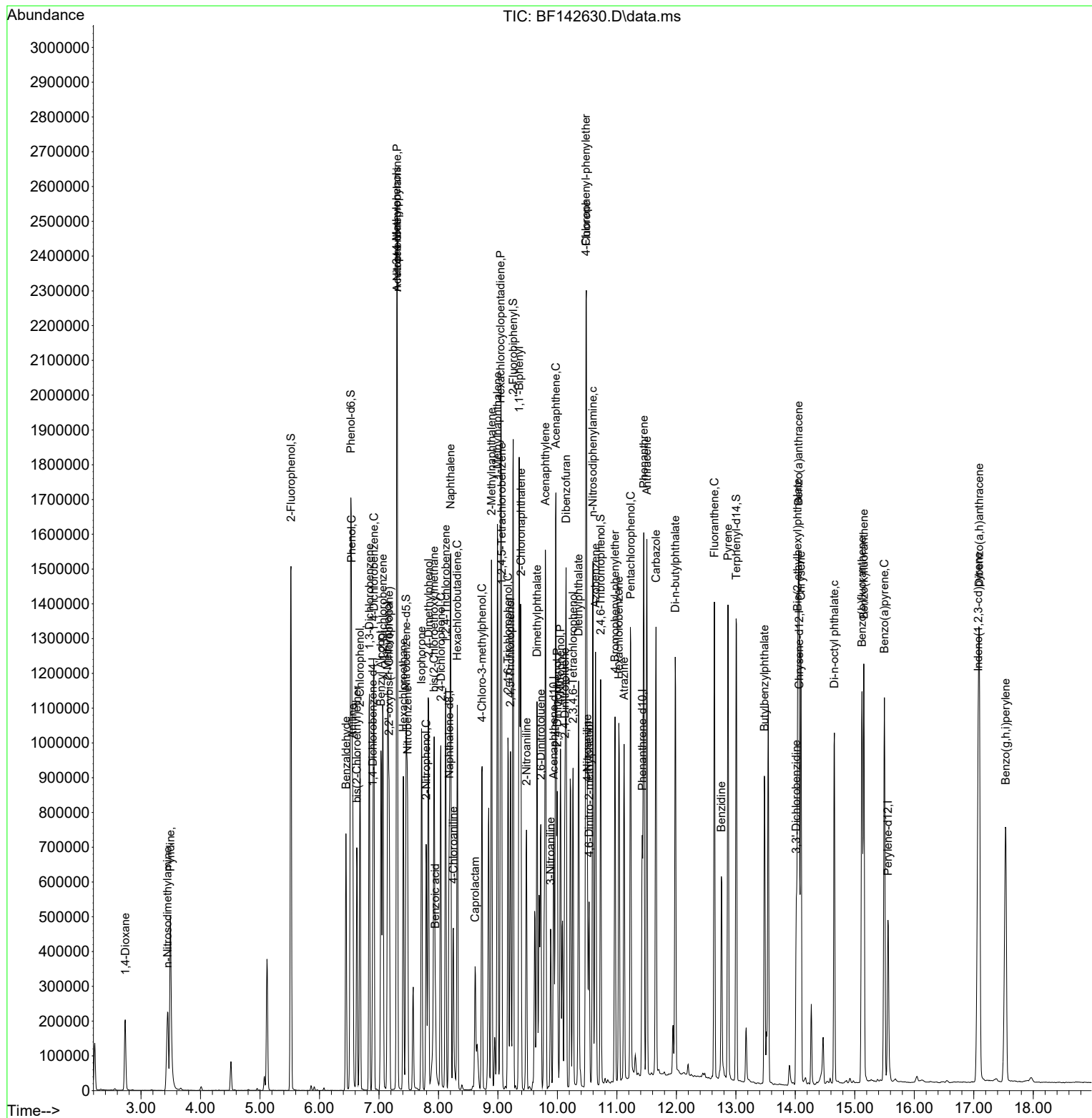
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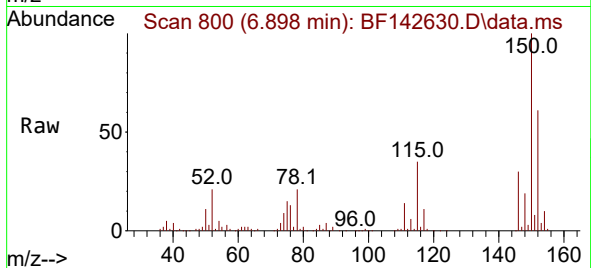
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

Instrument :

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ClientSampleId :

COMP-13MSD

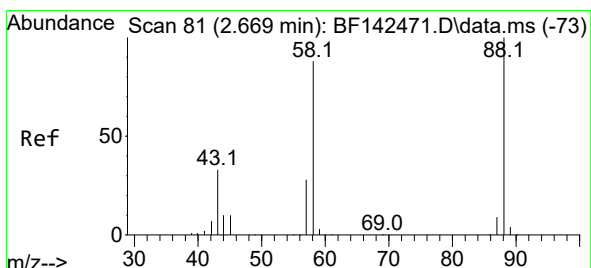
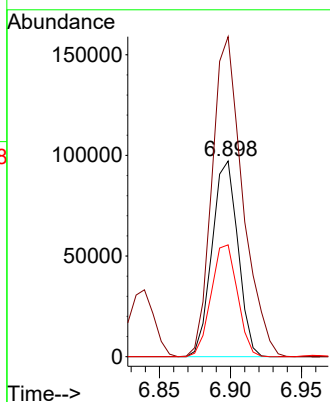
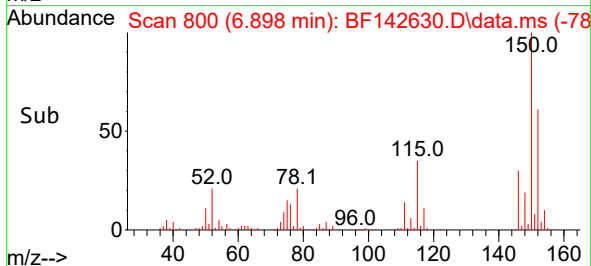


Tgt Ion:152 Resp: 12335
 Ion Ratio Lower Upper
 152 100
 150 163.5 128.2 192.4
 115 57.2 48.3 72.5

Manual Integrations

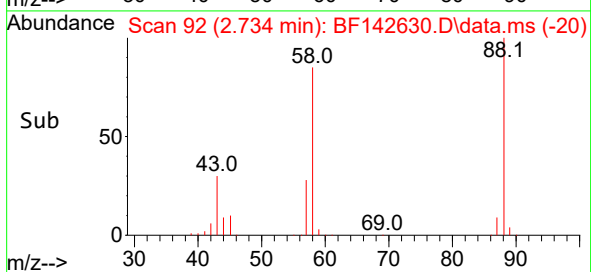
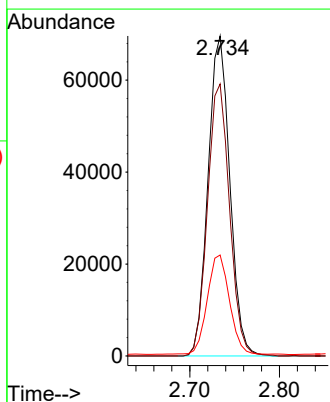
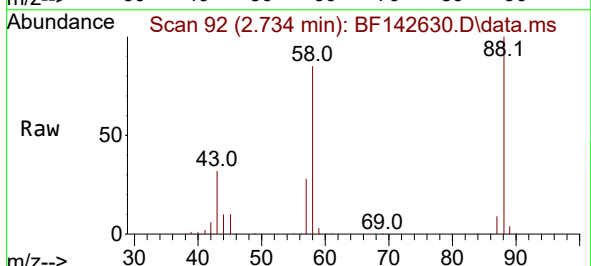
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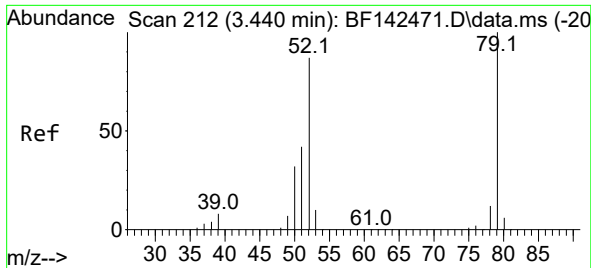
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#2
 1,4-Dioxane
 Concen: 40.046 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.071 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

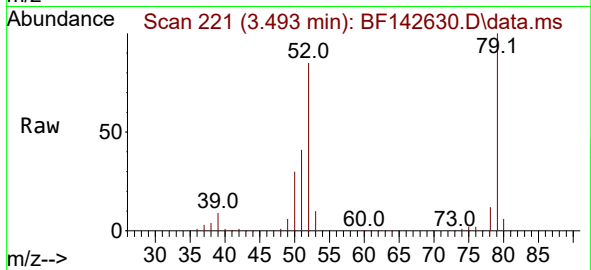
Tgt Ion: 88 Resp: 117333
 Ion Ratio Lower Upper
 88 100
 58 86.2 70.8 106.2
 43 31.6 26.6 40.0





#3
Pyridine
Concen: 42.668 ng
RT: 3.493 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

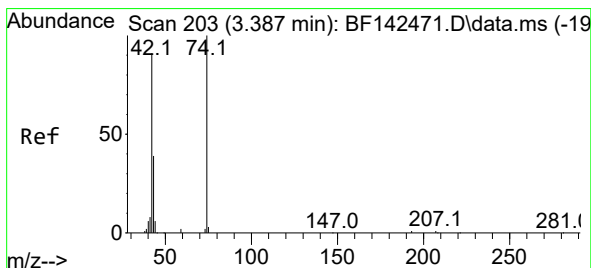
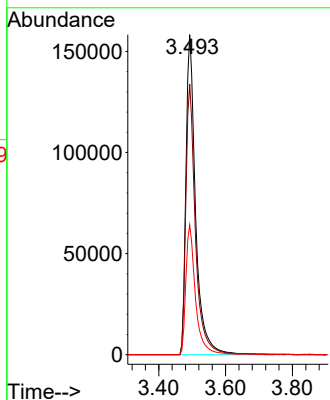
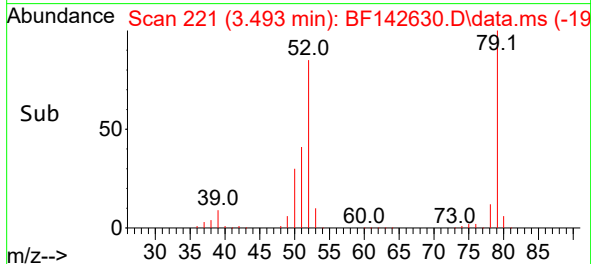
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



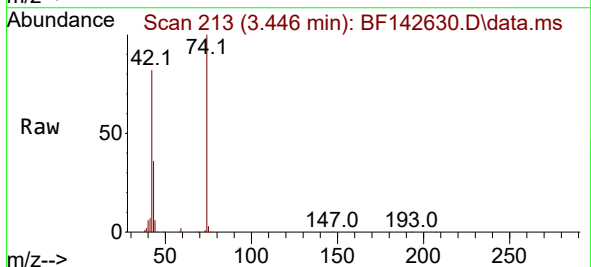
Tgt Ion: 79 Resp: 31835
Ion Ratio Lower Upper
79 100
52 84.6 69.2 103.8
51 40.6 33.3 49.9

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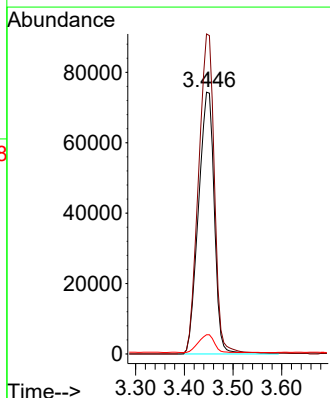
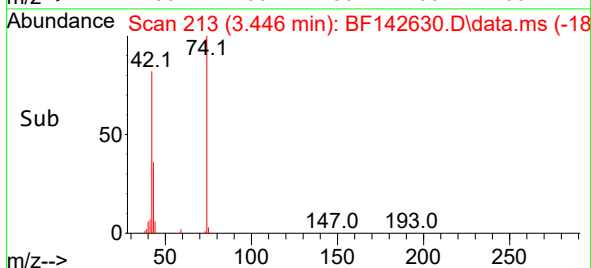
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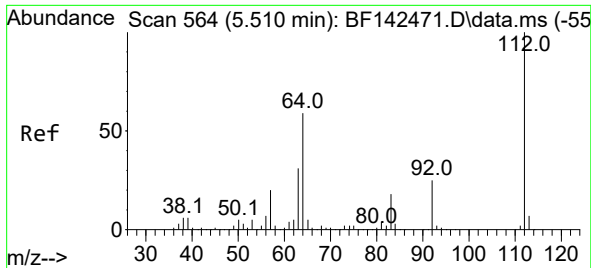


#4
n-Nitrosodimethylamine
Concen: 43.509 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion: 42 Resp: 168553
Ion Ratio Lower Upper
42 100
74 122.2 88.2 132.4
44 7.3 5.4 8.2





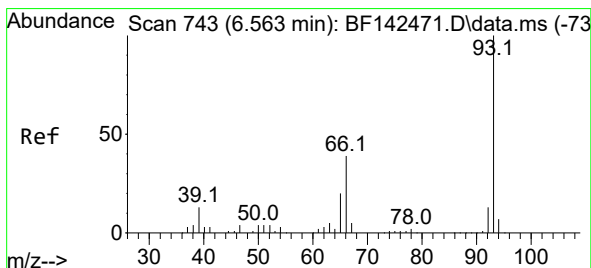
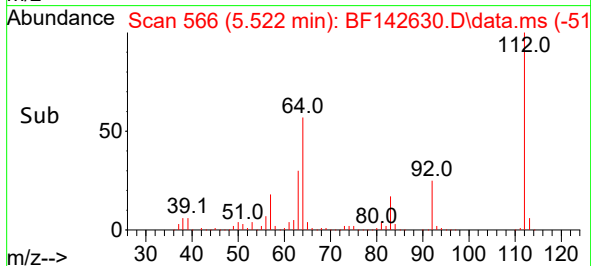
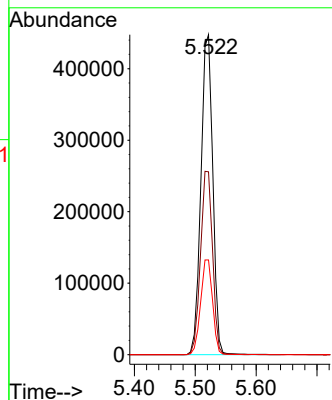
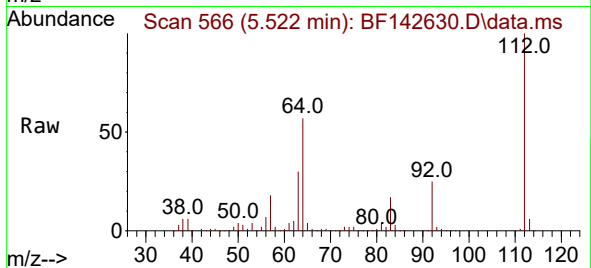
#5
2-Fluorophenol
Concen: 82.853 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

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Tgt Ion:112 Resp: 60664
Ion Ratio Lower Upper
112 100
64 57.1 47.5 71.3
63 29.6 24.9 37.3

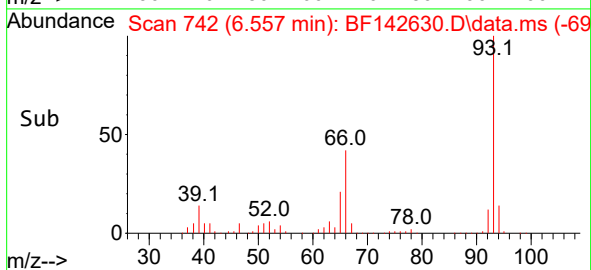
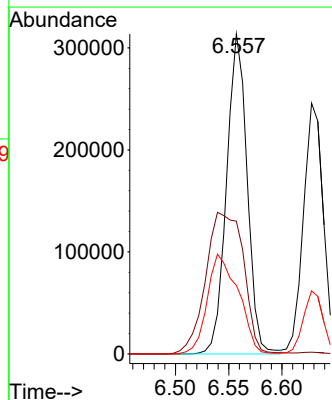
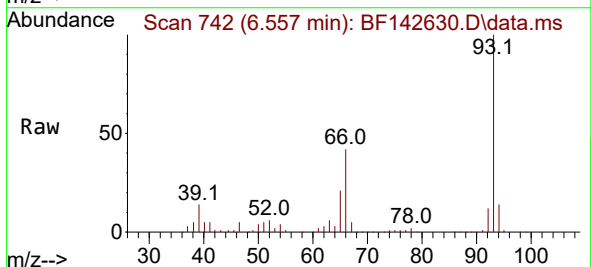
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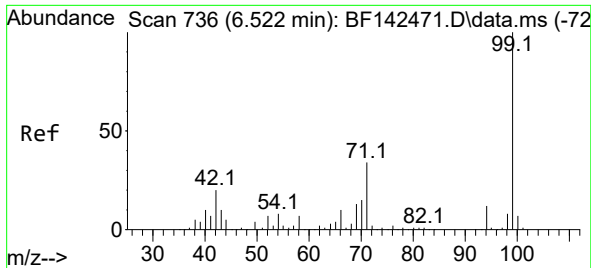
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#6
Aniline
Concen: 35.614 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

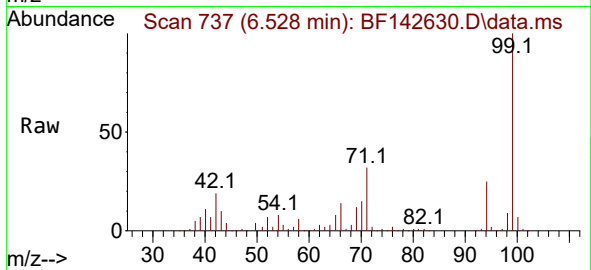
Tgt Ion: 93 Resp: 422068
Ion Ratio Lower Upper
93 100
66 41.5 32.0 48.0
65 21.4 16.1 24.1





#7
Phenol-d6
Concen: 82.317 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

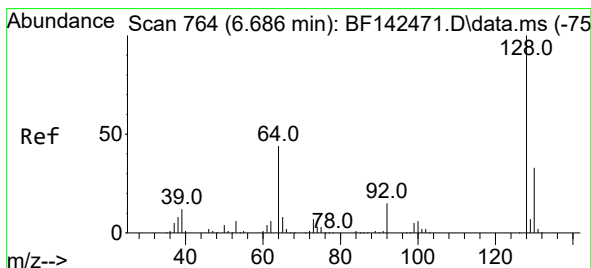
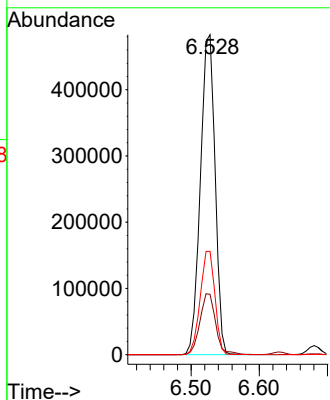
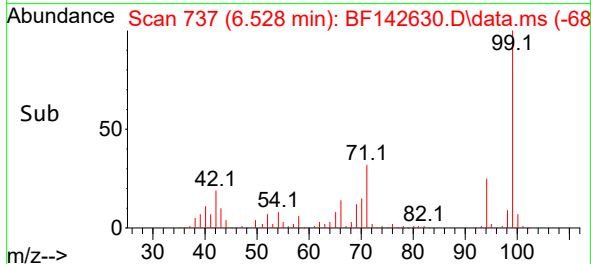
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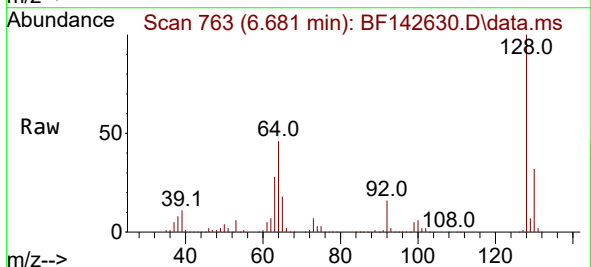
Tgt Ion: 99 Resp: 72553
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.3 27.3 40.9

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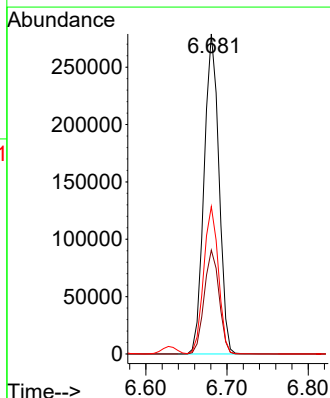
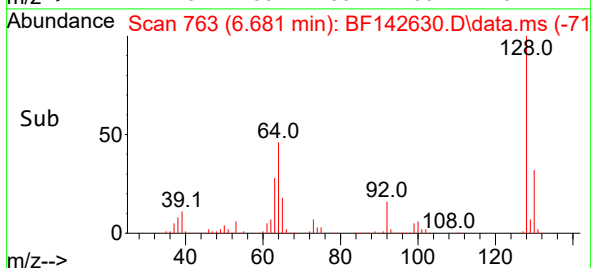
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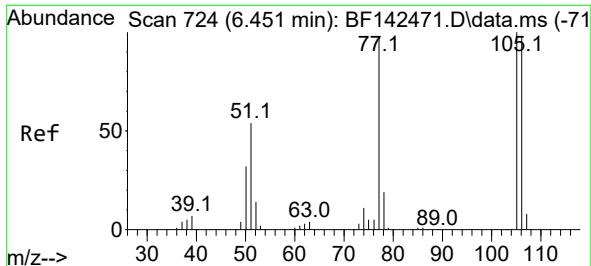


#8
2-Chlorophenol
Concen: 44.389 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



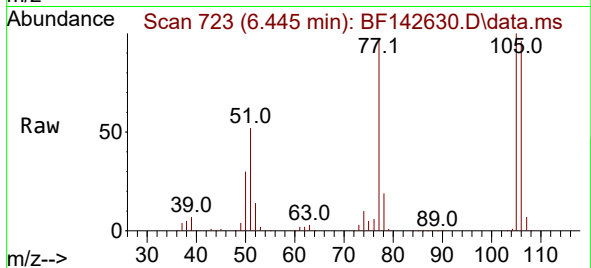
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Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 46.1 25.1 65.1





#9
Benzaldehyde
Concen: 35.232 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142630.D
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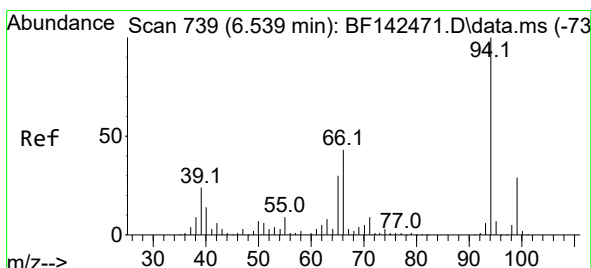
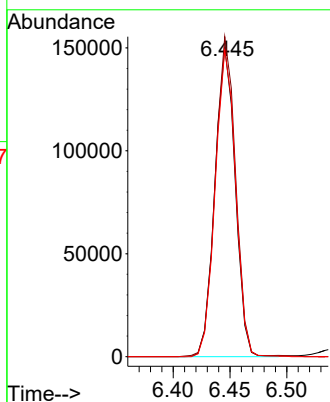
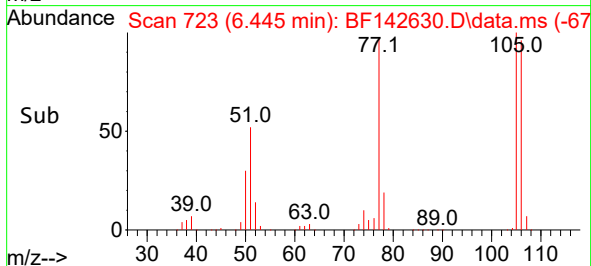
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Tgt Ion: 77 Resp: 186774
Ion Ratio Lower Upper
77 100
105 103.4 82.5 122.5
106 99.2 80.0 120.0

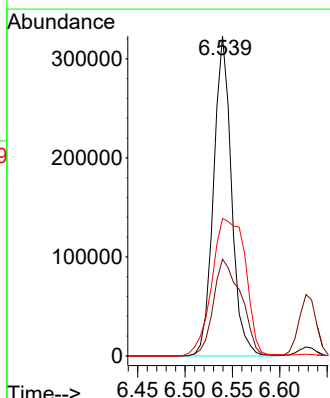
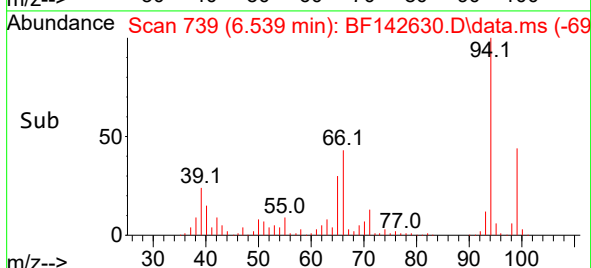
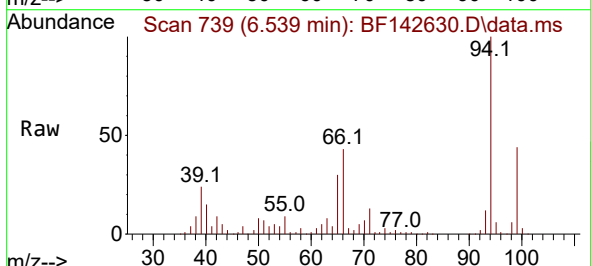
Manual Integrations
APPROVED

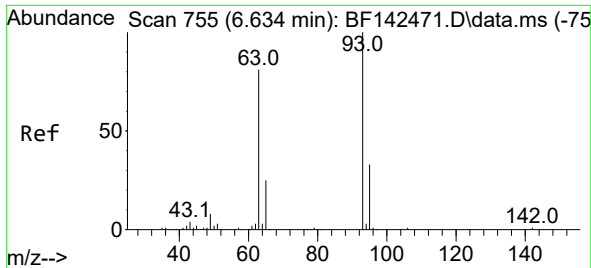
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#10
Phenol
Concen: 42.938 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

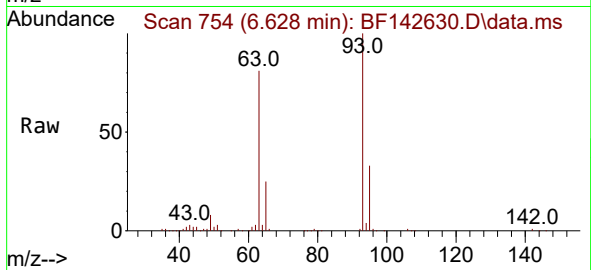
Tgt Ion: 94 Resp: 425836
Ion Ratio Lower Upper
94 100
65 30.3 10.3 50.3
66 43.0 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 43.948 ng
RT: 6.628 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

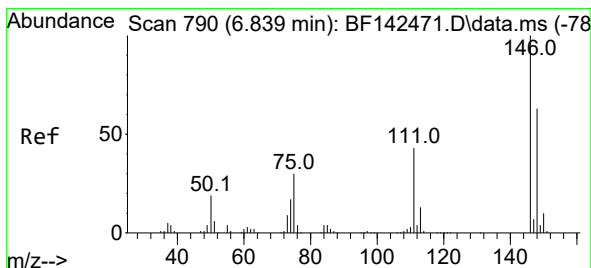
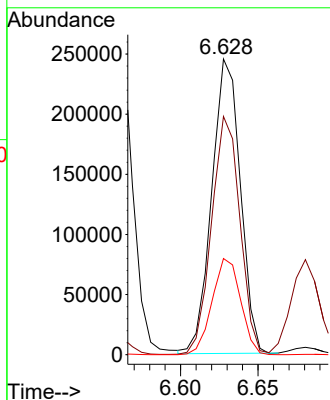
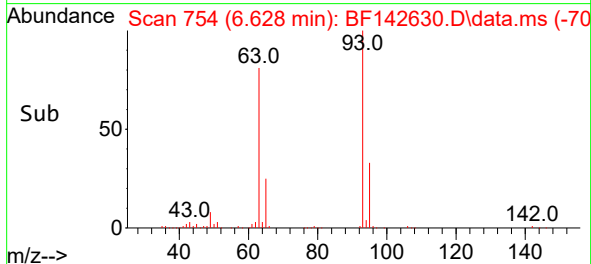
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion: 93 Resp: 31374
Ion Ratio Lower Upper
93 100
63 80.6 60.2 100.2
95 32.5 12.3 52.3

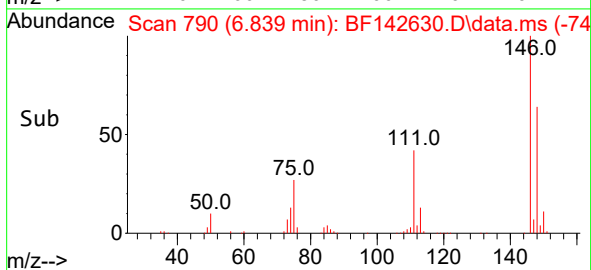
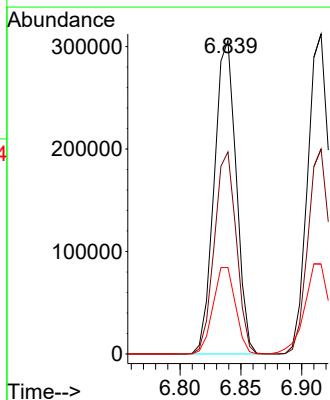
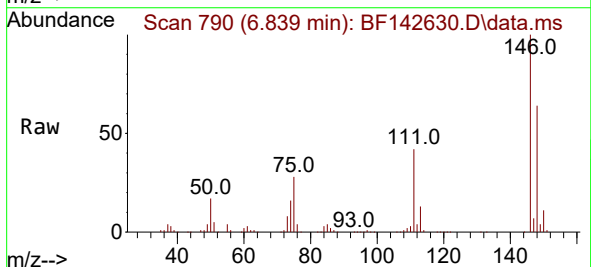
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#12
1,3-Dichlorobenzene
Concen: 43.191 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:146 Resp: 384366
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 27.6 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 43.203 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142630.D

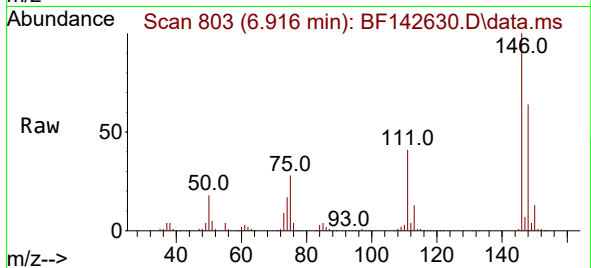
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



Tgt Ion:146 Resp: 387280

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

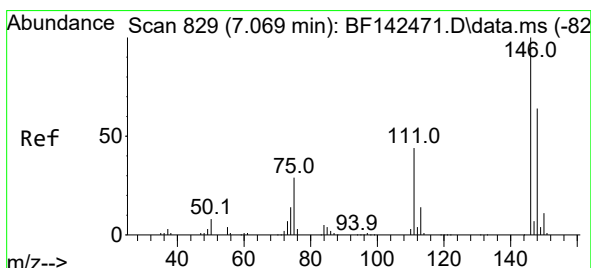
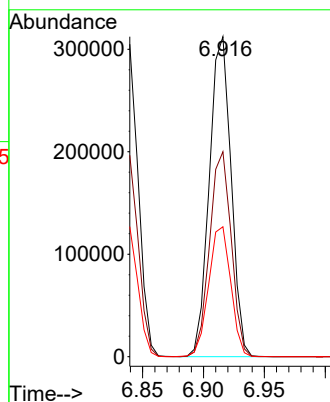
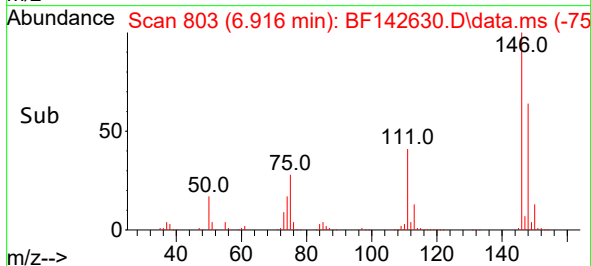
111 40.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#14

1,2-Dichlorobenzene

Concen: 43.933 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

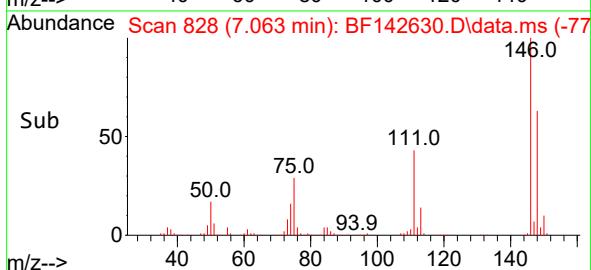
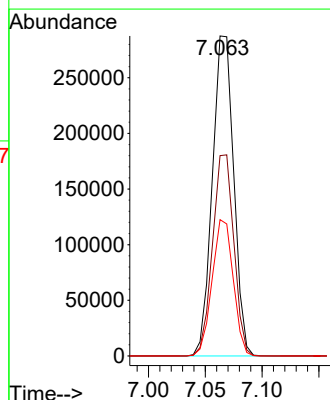
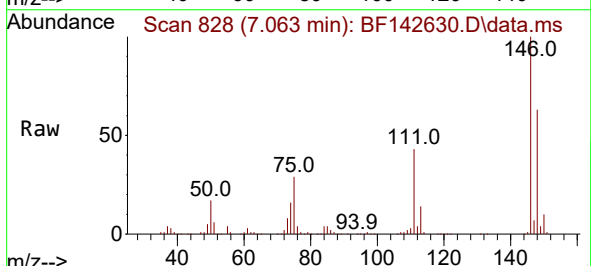
Tgt Ion:146 Resp: 376839

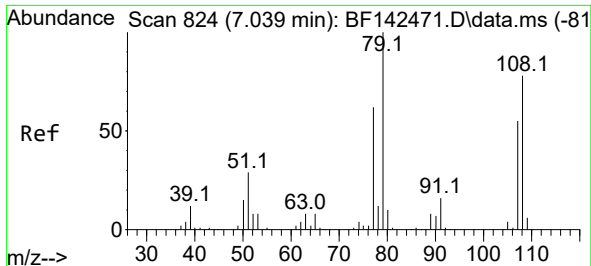
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

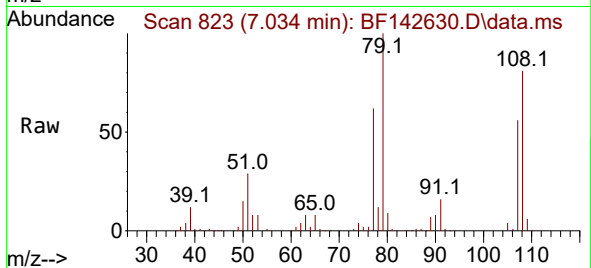
111 42.6 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.711 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

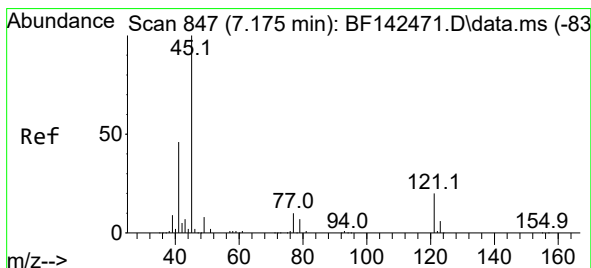
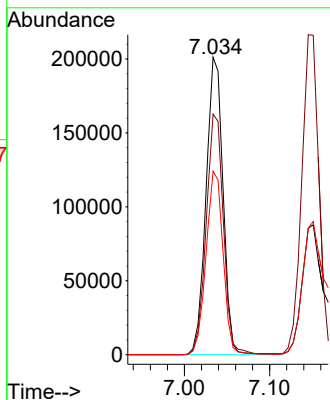
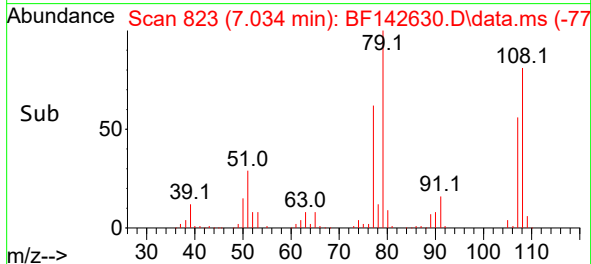
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion: 79 Resp: 27819
Ion Ratio Lower Upper
79 100
108 80.9 62.1 93.1
77 61.7 49.5 74.3

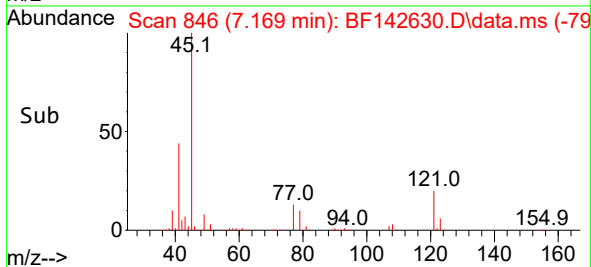
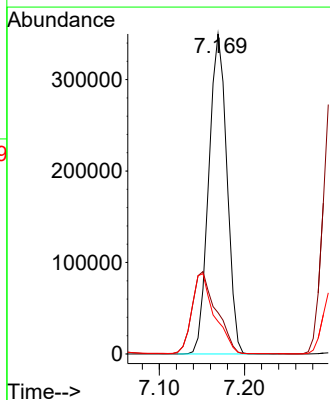
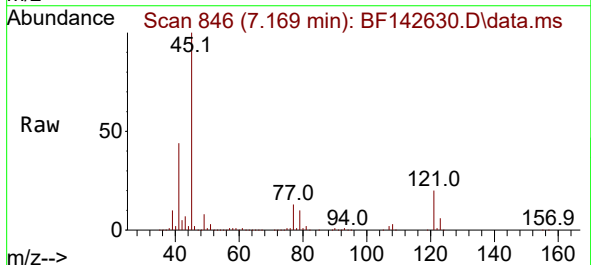
Manual Integrations
APPROVED

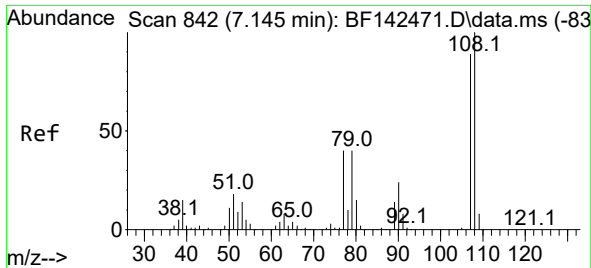
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.262 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion: 45 Resp: 518664
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 10.1 0.0 29.2





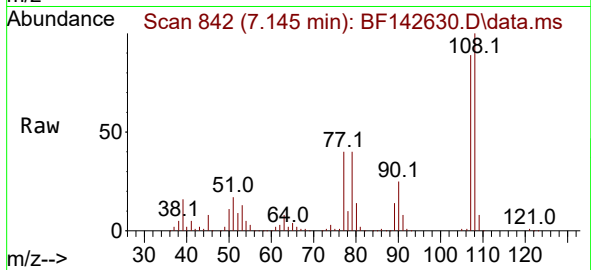
#17
2-Methylphenol
Concen: 42.866 ng
RT: 7.145 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



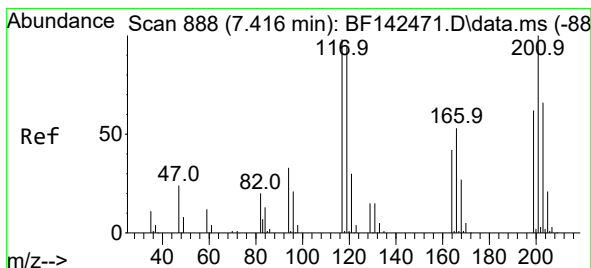
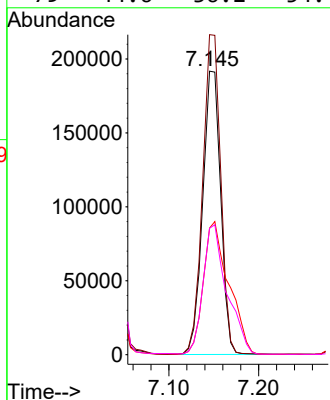
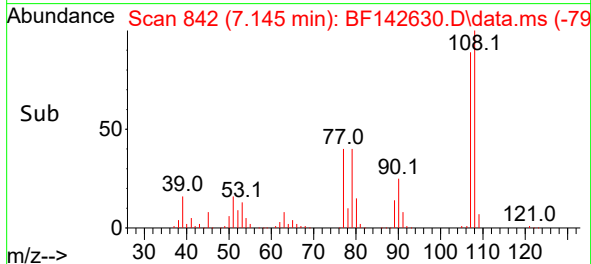
Tgt Ion:107 Resp: 266908
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 44.6 36.1 54.1
79 44.6 36.2 54.4

Manual Integrations

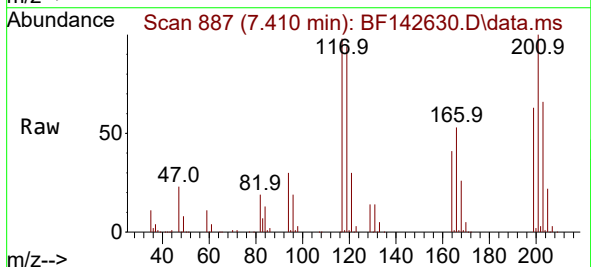
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

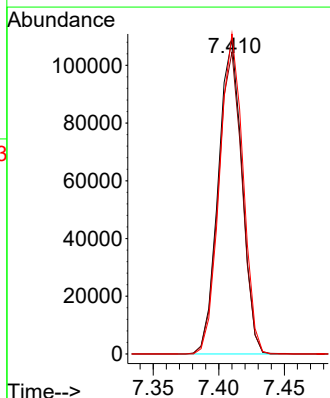
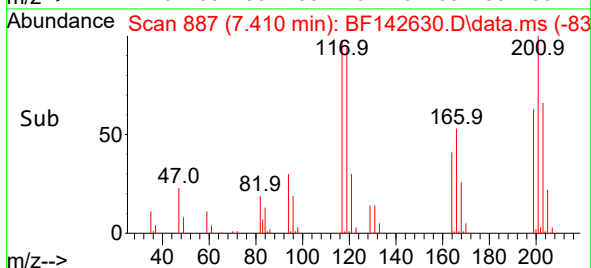
Supervised By :Jagrut Upadhyay 06/06/2025



#18
Hexachloroethane
Concen: 43.760 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



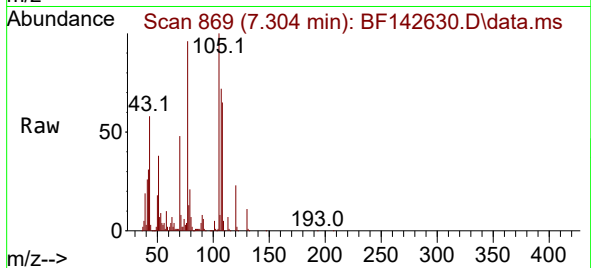
Tgt Ion:117 Resp: 136975
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8
201 101.8 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.455 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

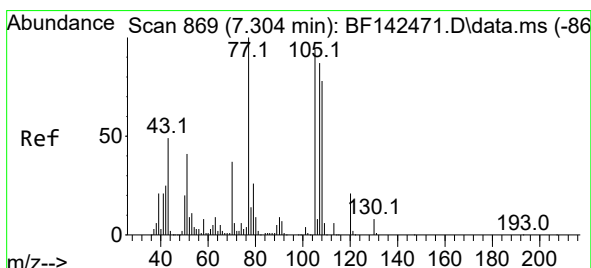
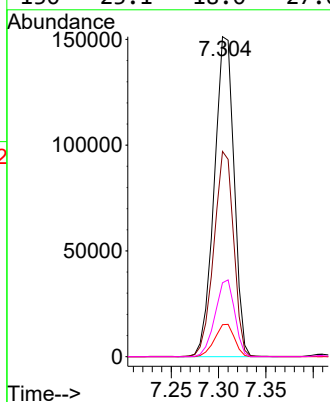
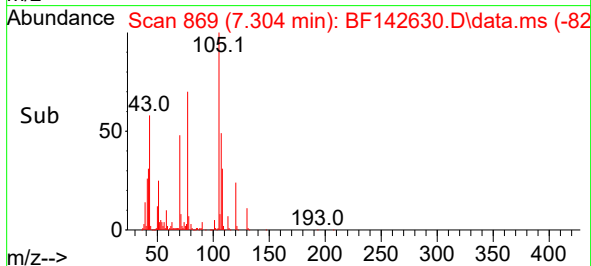
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



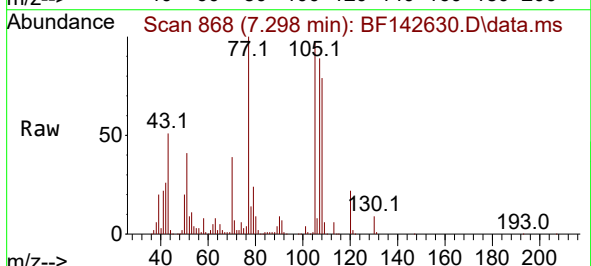
Tgt Ion: 70 Resp: 220980
Ion Ratio Lower Upper
70 100
42 64.2 52.4 78.6
101 10.0 7.8 11.8
130 23.1 18.0 27.0

Manual Integrations
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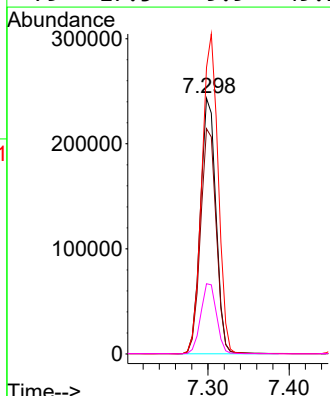
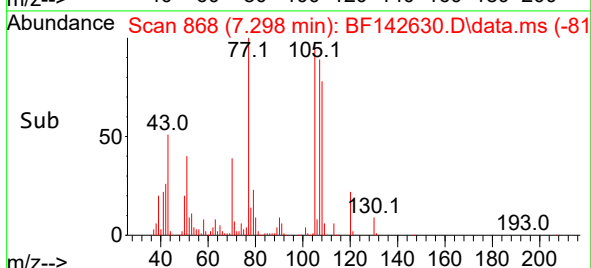
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

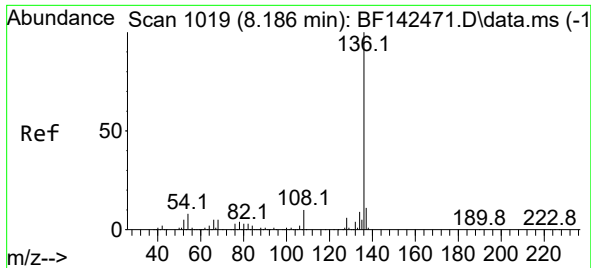


#20
3+4-Methylphenols
Concen: 40.575 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:107 Resp: 323534
Ion Ratio Lower Upper
107 100
108 88.1 70.4 110.4
77 112.1 95.4 135.4
79 27.5 9.9 49.9





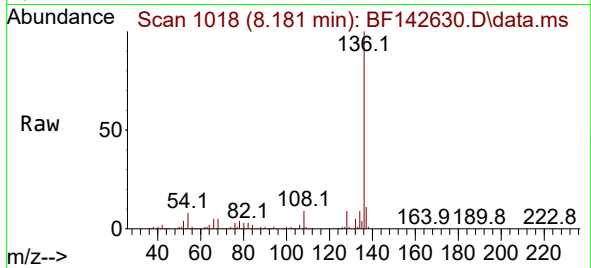
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



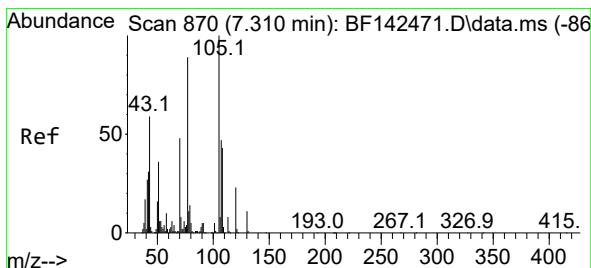
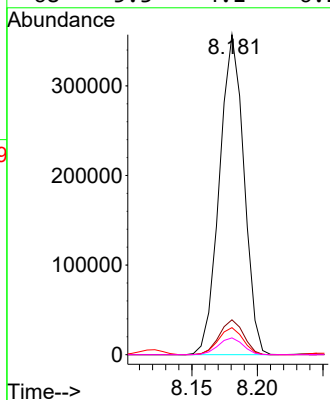
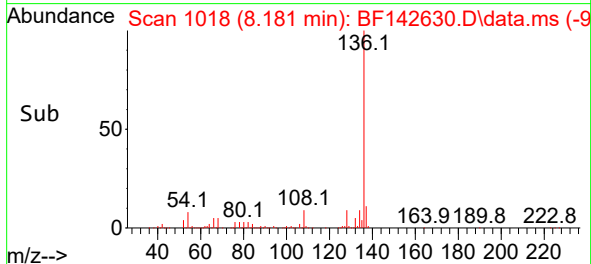
Tgt Ion:136 Resp: 463790
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1

Manual Integrations

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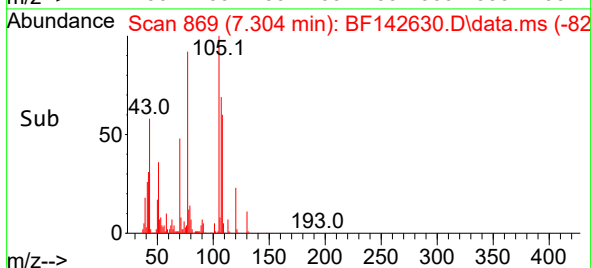
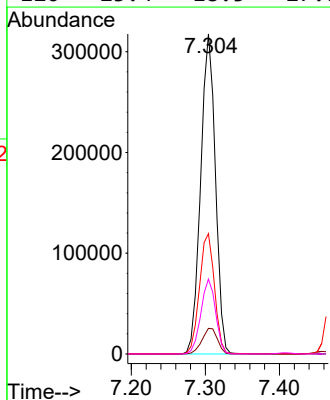
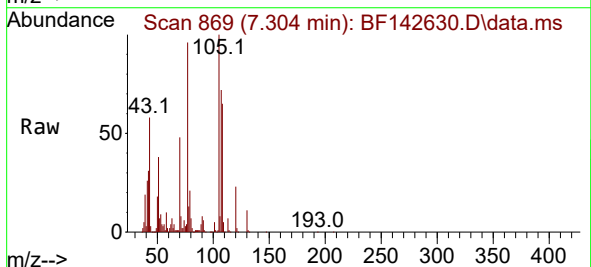
Reviewed By :Rahul Chavli 06/06/2025

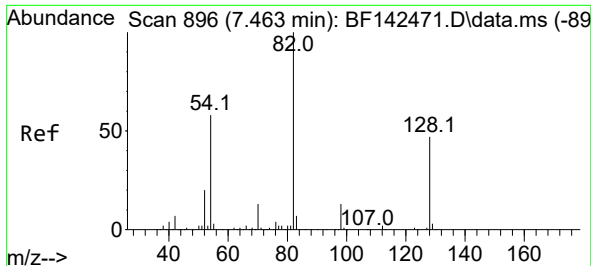
Supervised By :Jagrut Upadhyay 06/06/2025



#22
Acetophenone
Concen: 42.819 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:105 Resp: 439621
Ion Ratio Lower Upper
105 100
71 8.0 6.4 9.6
51 37.6 28.6 42.8
120 23.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 52.079 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

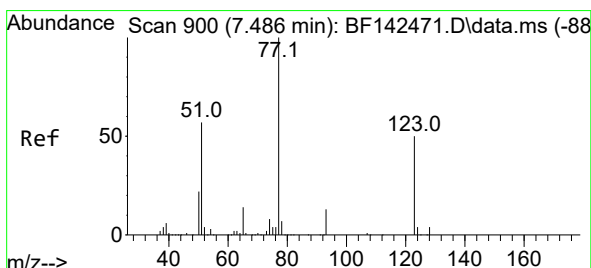
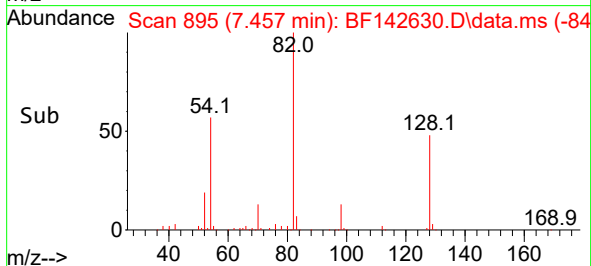
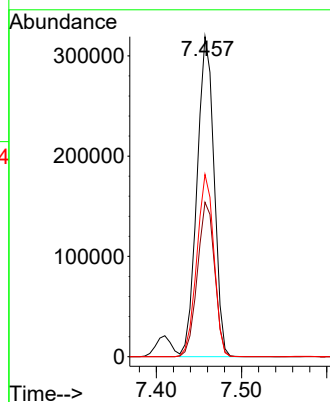
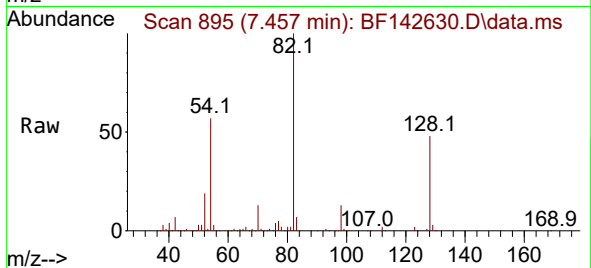
Tgt Ion: 82 Resp: 44295
 Ion Ratio Lower Upper
 82 100
 128 48.3 37.4 56.2
 54 57.0 46.6 70.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#24

Nitrobenzene

Concen: 43.829 ng

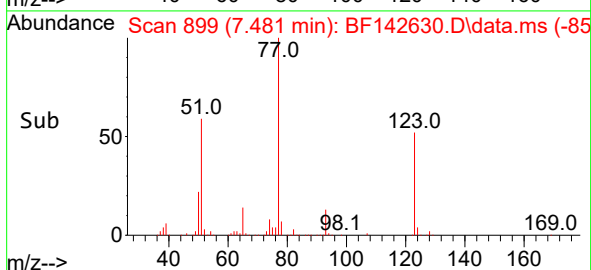
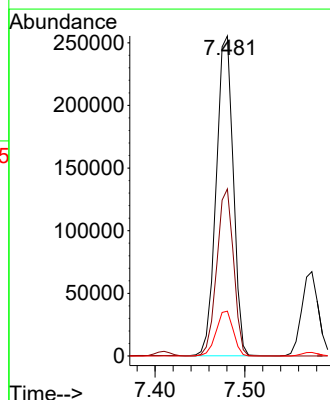
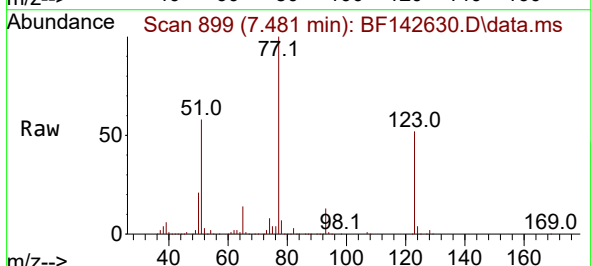
RT: 7.481 min Scan# 899

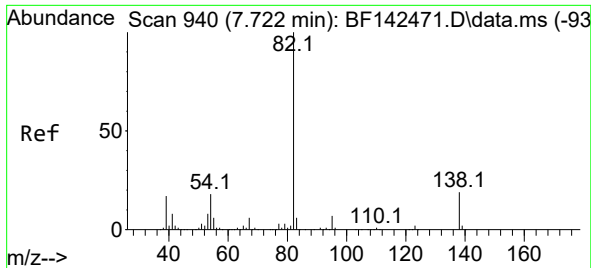
Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Tgt Ion: 77 Resp: 336215
 Ion Ratio Lower Upper
 77 100
 123 52.2 40.6 61.0
 65 14.0 11.4 17.2





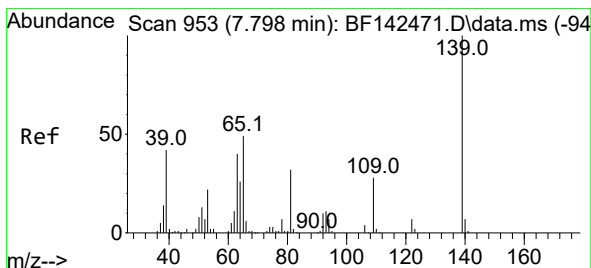
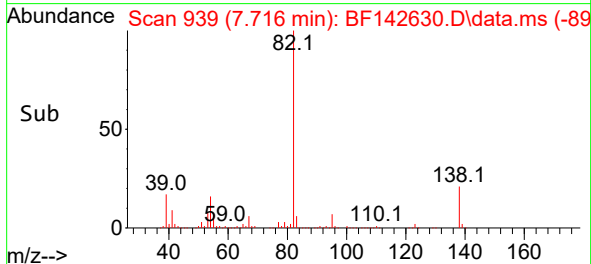
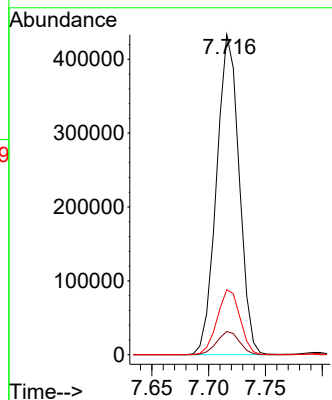
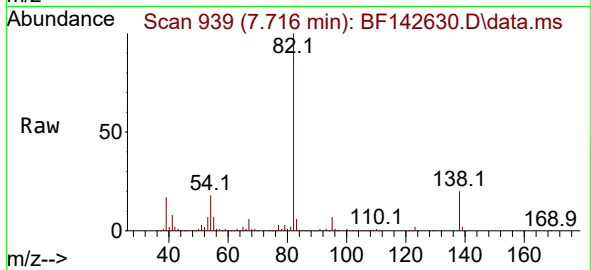
#25
Isophorone
Concen: 42.165 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :
COMP-13MSD

Tgt Ion: 82 Resp: 599610
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.3 15.5 23.3

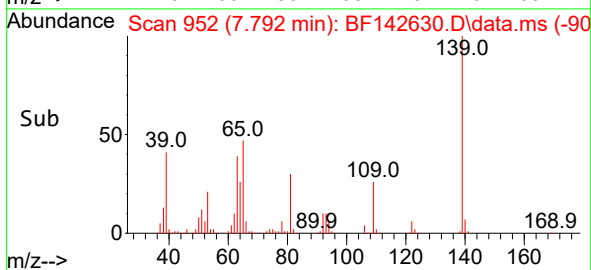
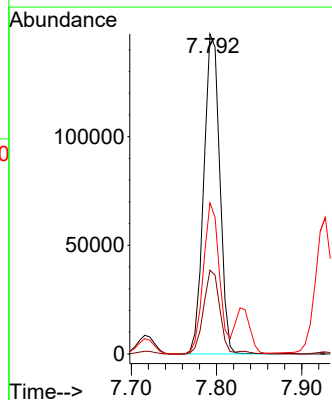
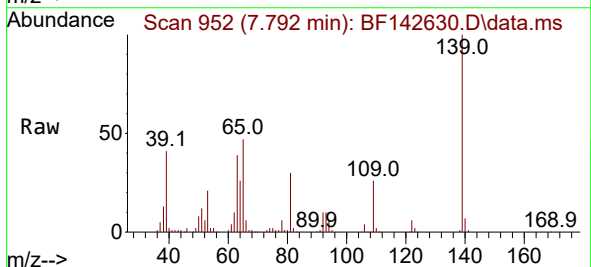
Manual Integrations
APPROVED

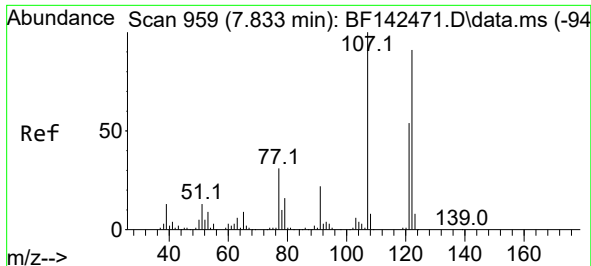
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#26
2-Nitrophenol
Concen: 46.842 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:139 Resp: 192003
Ion Ratio Lower Upper
139 100
109 26.2 22.6 33.8
65 47.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.741 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142630.D

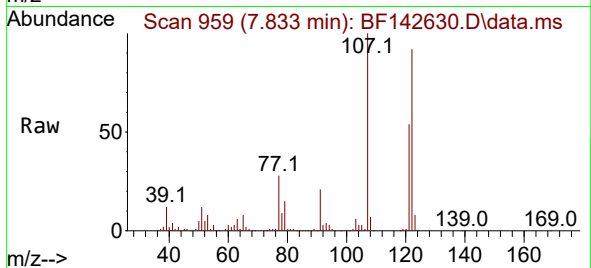
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



Tgt Ion:122 Resp: 308954

Ion Ratio Lower Upper

122 100

107 109.2 88.1 132.1

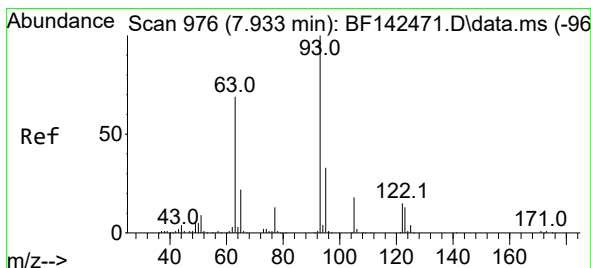
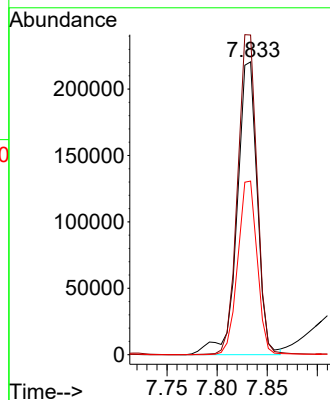
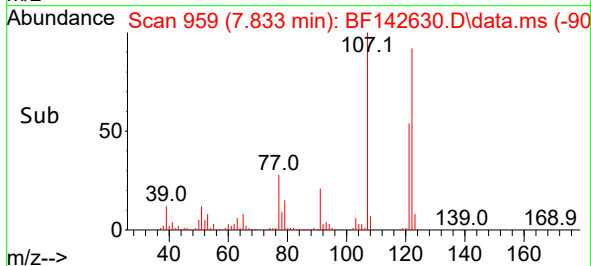
121 59.3 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.408 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

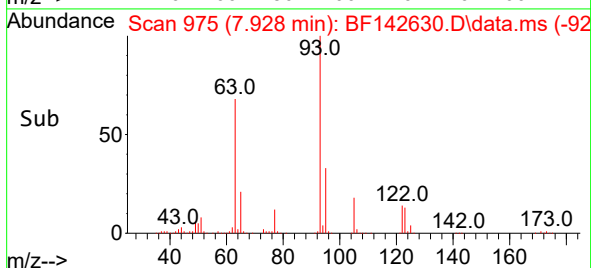
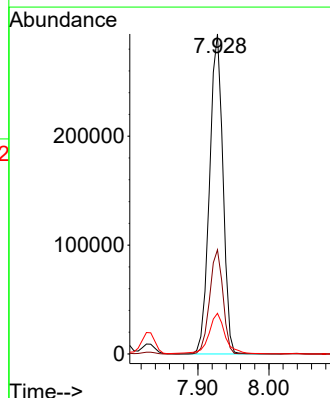
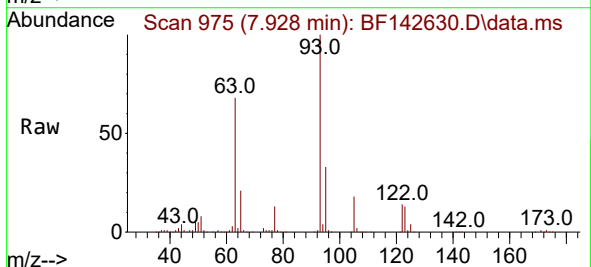
Tgt Ion: 93 Resp: 385605

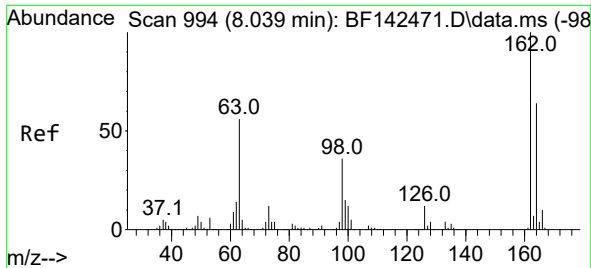
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.7 10.6 15.8





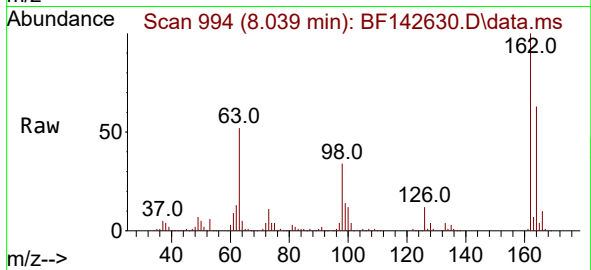
#29
2,4-Dichlorophenol
Concen: 43.601 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



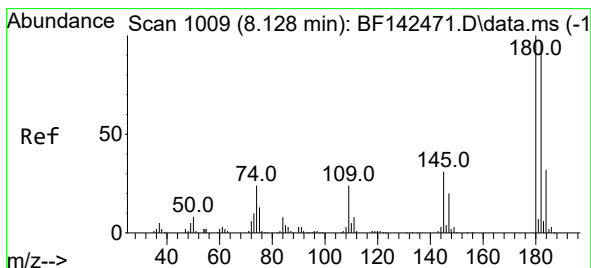
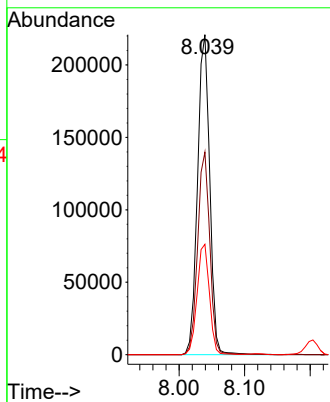
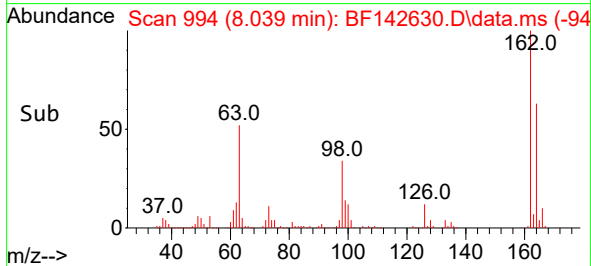
Tgt Ion:162 Resp: 286625
Ion Ratio Lower Upper
162 100
164 63.3 43.7 83.7
98 34.5 15.5 55.5

Manual Integrations

APPROVED

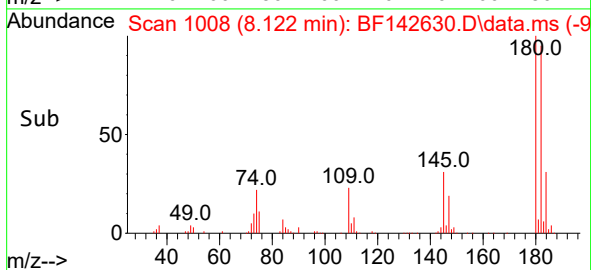
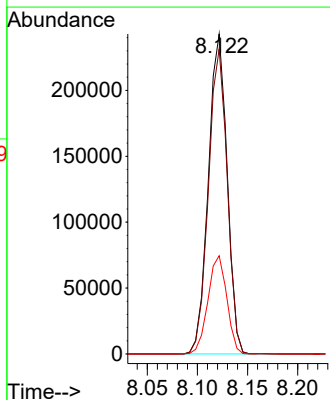
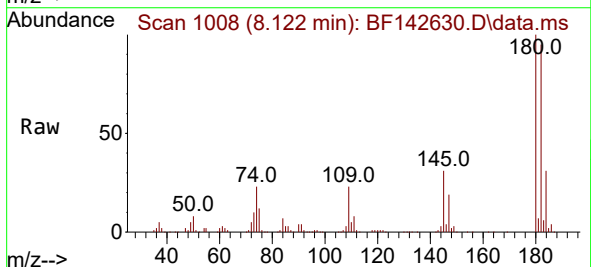
Reviewed By :Rahul Chavli 06/06/2025

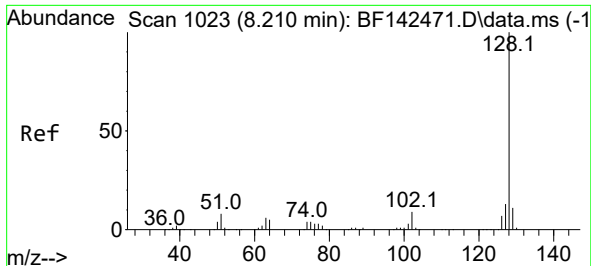
Supervised By :Jagrut Upadhyay 06/06/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.335 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

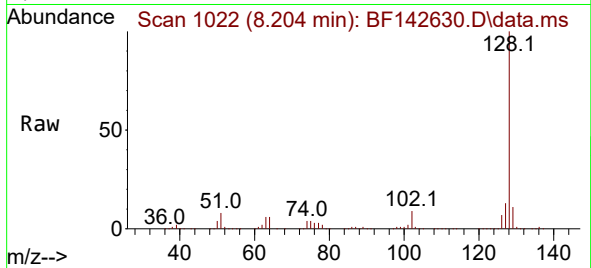
Tgt Ion:180 Resp: 316300
Ion Ratio Lower Upper
180 100
182 95.2 78.0 117.0
145 30.7 25.0 37.6





#31
Naphthalene
Concen: 43.366 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

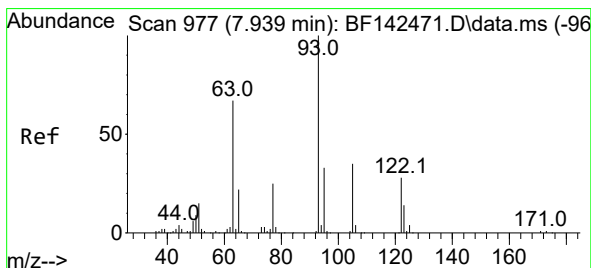
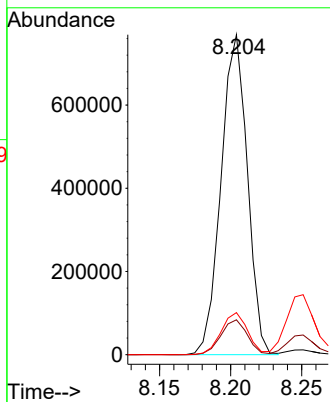
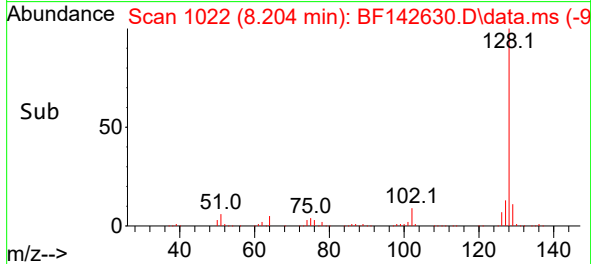
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:128 Resp: 99034
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7

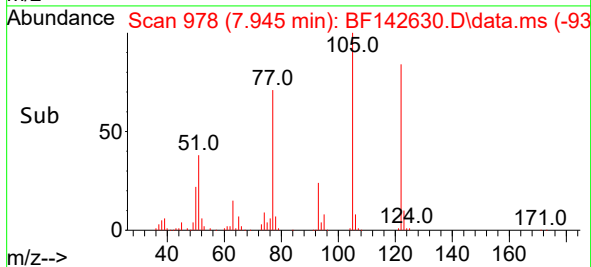
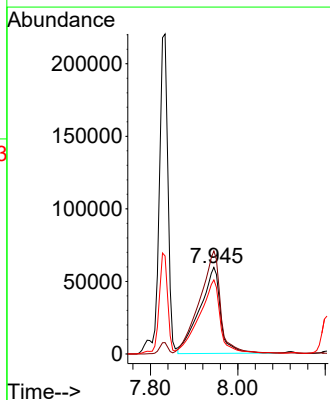
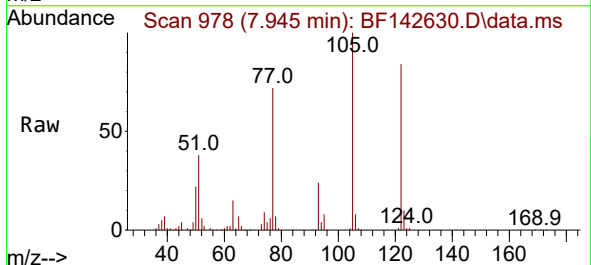
Manual Integrations
APPROVED

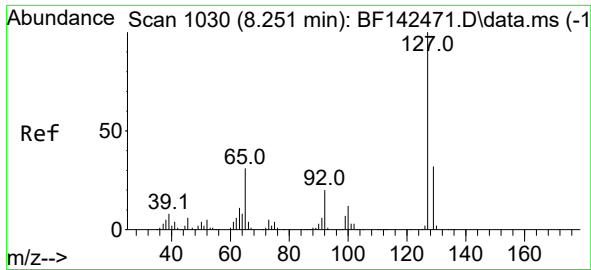
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#32
Benzoic acid
Concen: 45.256 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:122 Resp: 199134
Ion Ratio Lower Upper
122 100
105 119.2 101.7 141.7
77 85.6 69.5 109.5





#33
4-Chloroaniline
Concen: 23.783 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

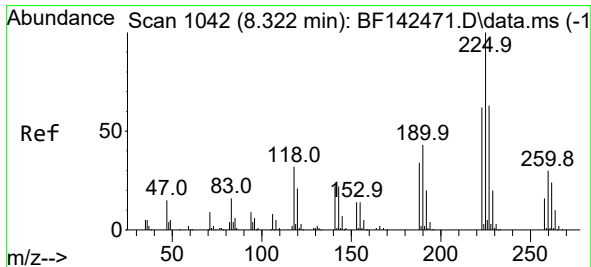
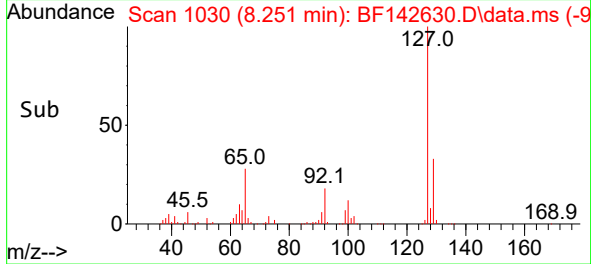
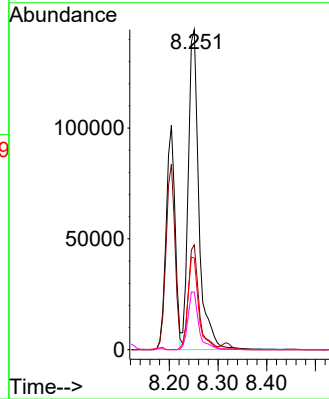
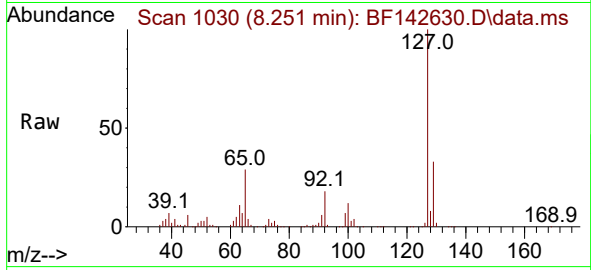
Tgt Ion:127 Resp: 22008
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 28.6 24.9 37.3
92 18.0 15.6 23.4

Manual Integrations

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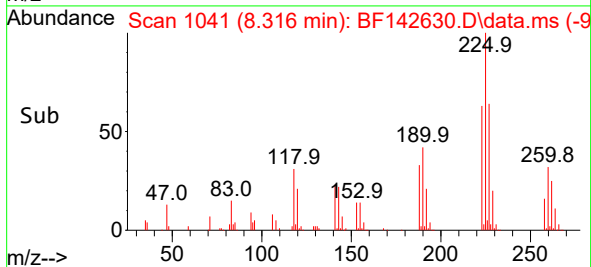
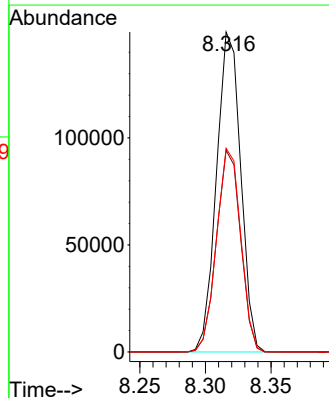
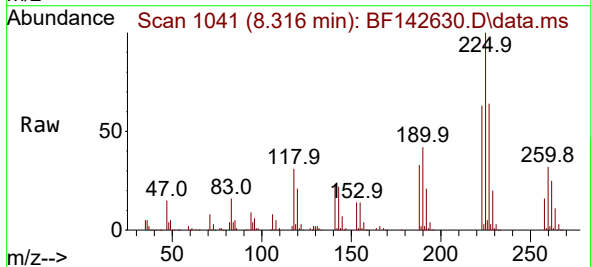
Reviewed By :Rahul Chavli 06/06/2025

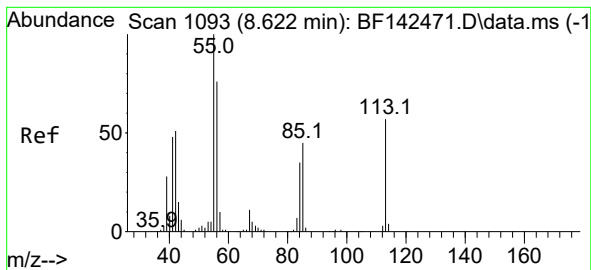
Supervised By :Jagrut Upadhyay 06/06/2025



#34
Hexachlorobutadiene
Concen: 43.046 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

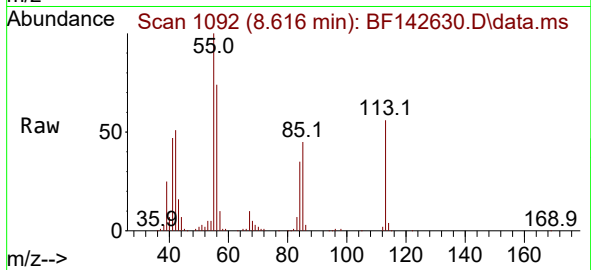
Tgt Ion:225 Resp: 191757
Ion Ratio Lower Upper
225 100
223 63.0 49.7 74.5
227 63.7 50.3 75.5





#35
Caprolactam
Concen: 46.109 ng m
RT: 8.616 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

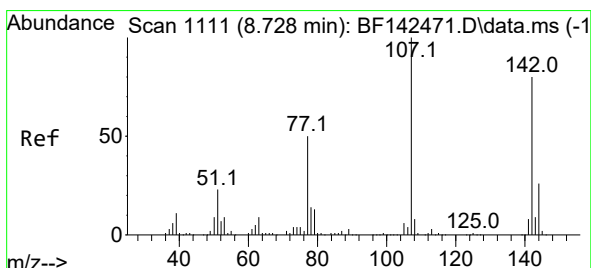
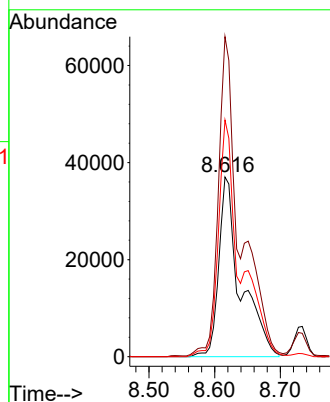
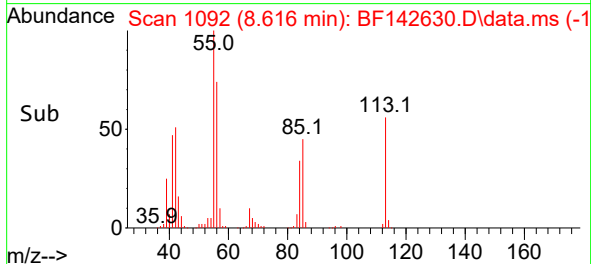
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:113 Resp: 8513
Ion Ratio Lower Upper
113 100
55 178.1 154.7 194.7
56 131.7 113.2 153.2

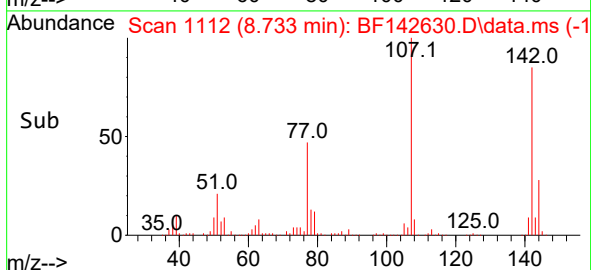
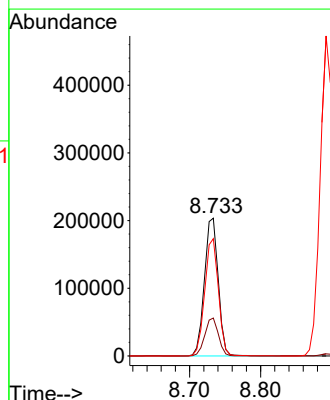
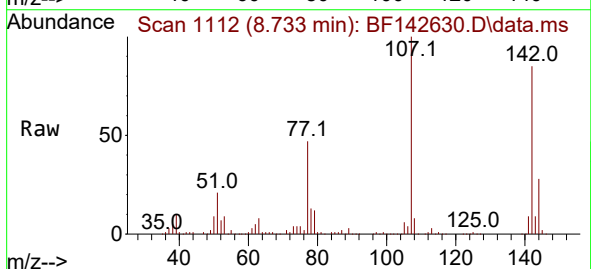
Manual Integrations
APPROVED

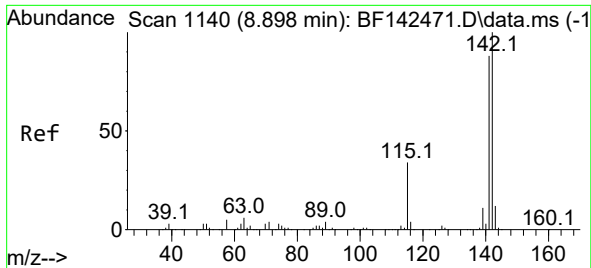
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#36
4-Chloro-3-methylphenol
Concen: 41.005 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

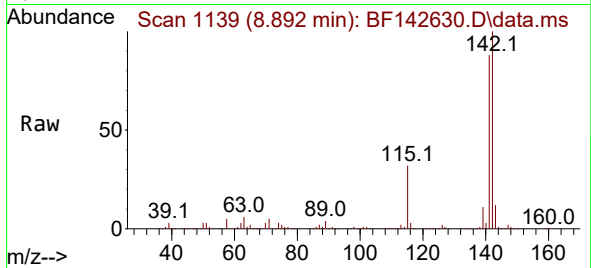
Tgt Ion:107 Resp: 276250
Ion Ratio Lower Upper
107 100
144 27.5 20.9 31.3
142 85.1 64.2 96.2





#37
2-Methylnaphthalene
Concen: 41.975 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

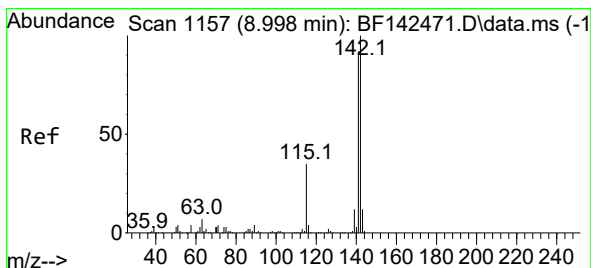
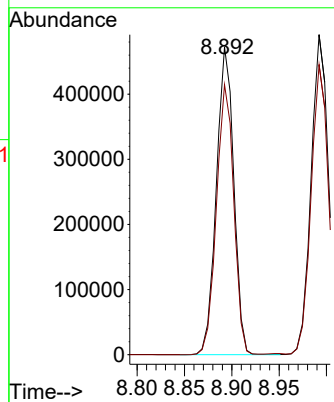
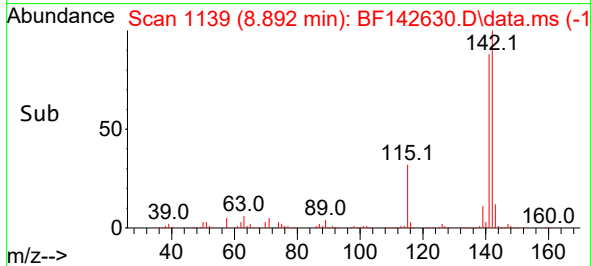
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:142 Resp: 603054
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1

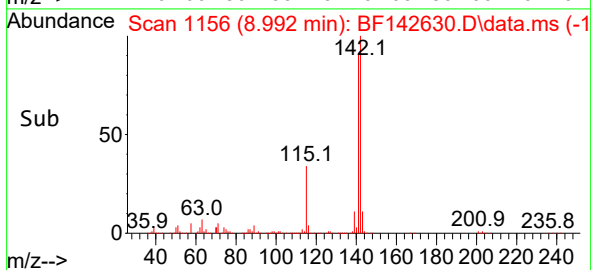
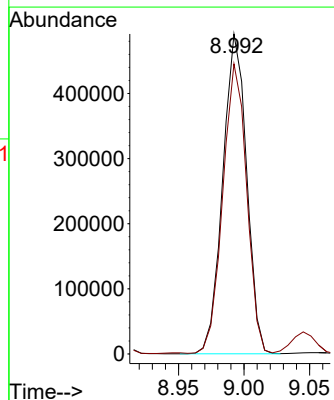
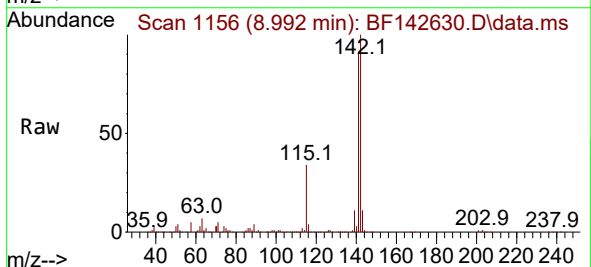
Manual Integrations
APPROVED

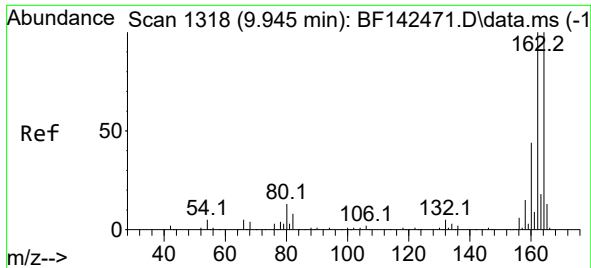
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#38
1-Methylnaphthalene
Concen: 41.743 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:142 Resp: 620345
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF142630.D

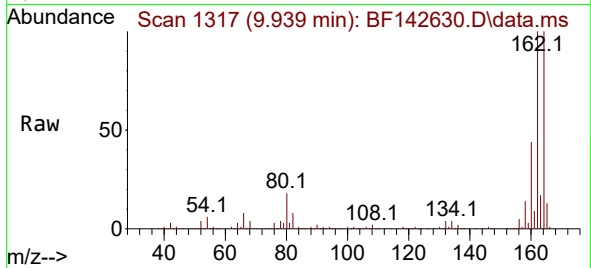
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



Tgt Ion:164 Resp: 232069

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.4

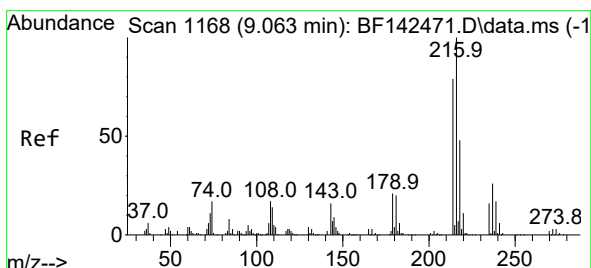
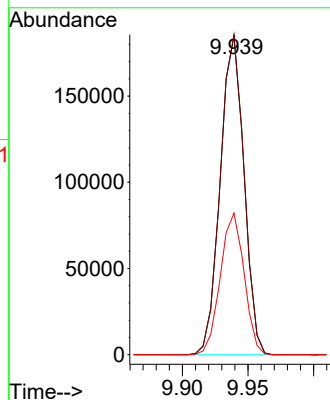
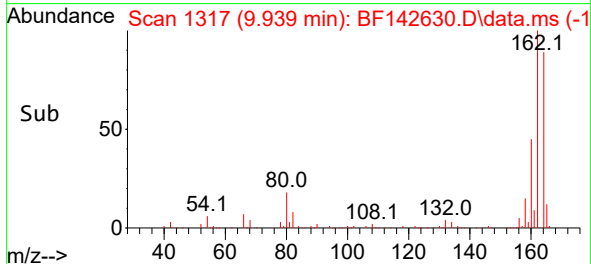
160 44.5 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.227 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Tgt Ion:216 Resp: 307948

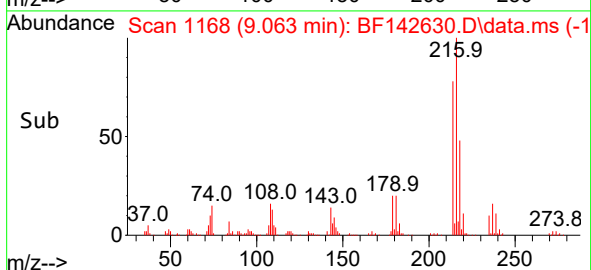
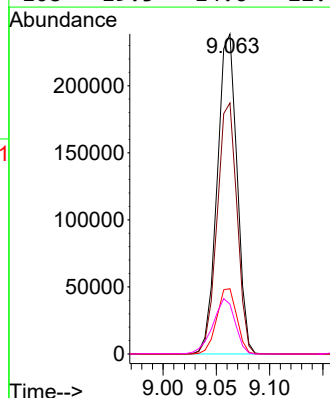
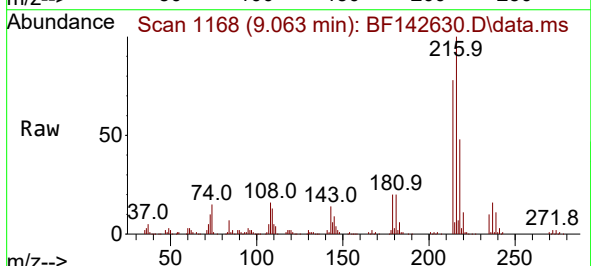
Ion Ratio Lower Upper

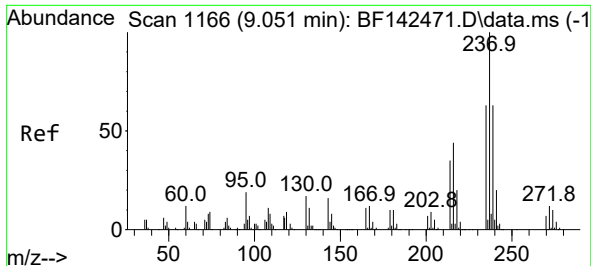
216 100

214 78.7 62.9 94.3

179 20.6 16.9 25.3

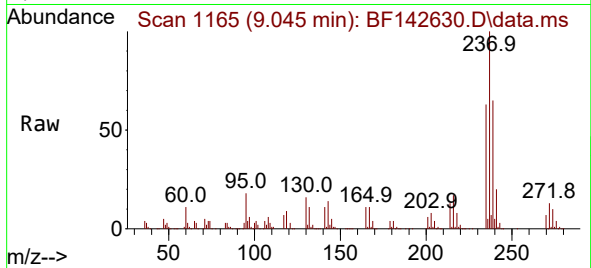
108 19.5 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 84.810 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

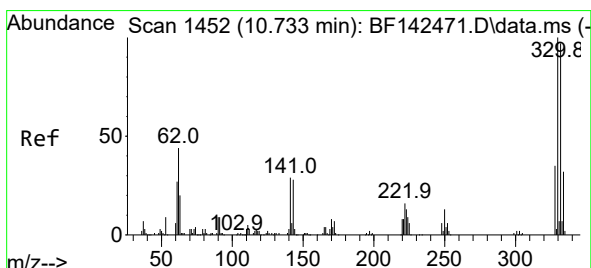
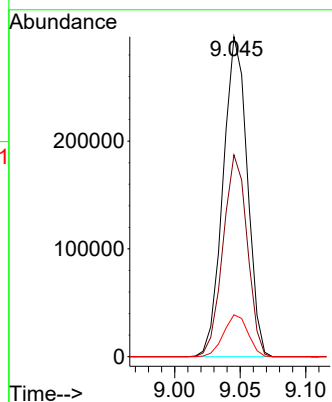
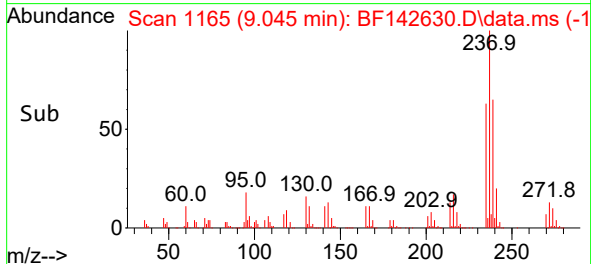
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:237 Resp: 381130
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.1 0.0 32.4

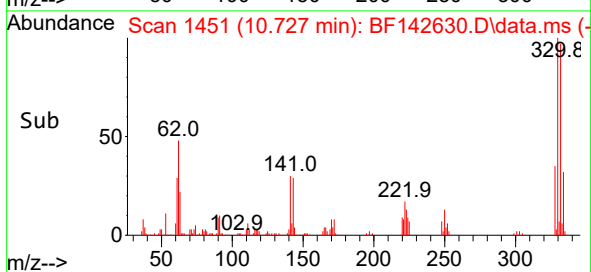
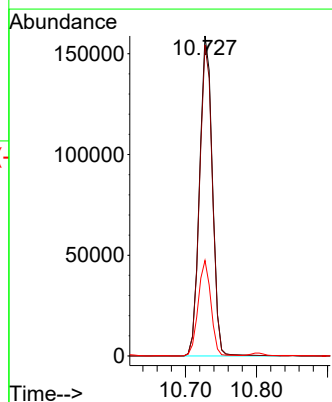
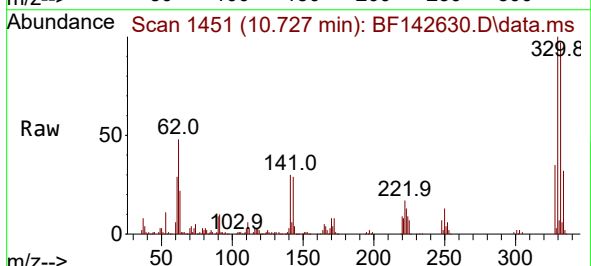
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#42
2,4,6-Tribromophenol
Concen: 77.446 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

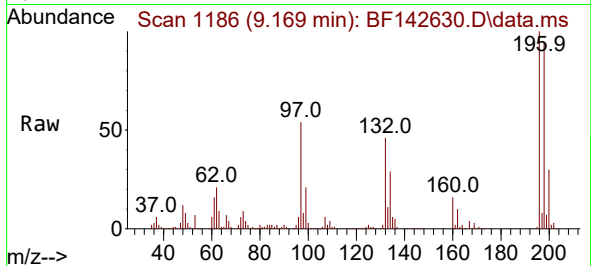
Tgt Ion:330 Resp: 199475
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 29.7 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 45.608 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

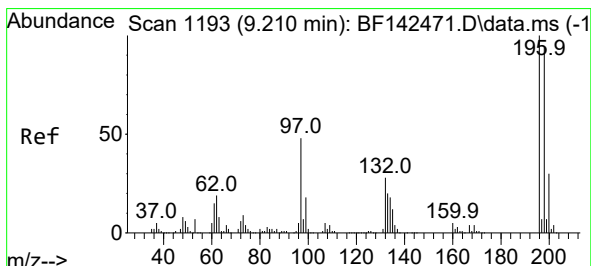
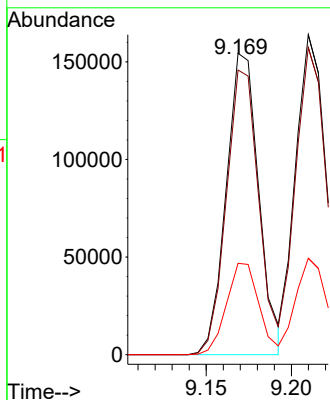
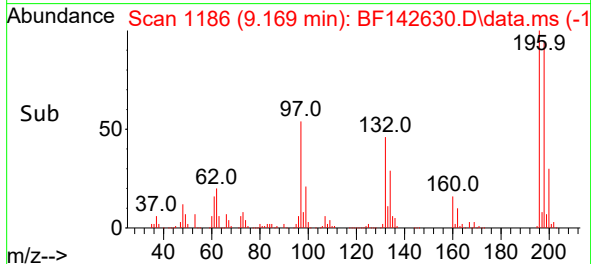
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:196 Resp: 204879
Ion Ratio Lower Upper
196 100
198 94.4 78.8 118.2
200 30.3 24.9 37.3

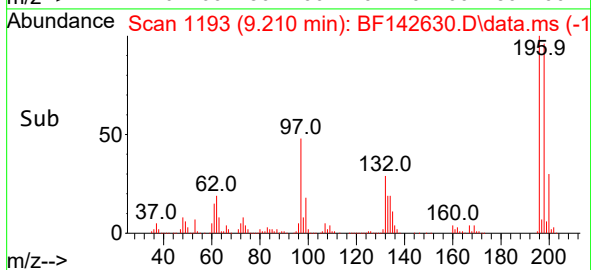
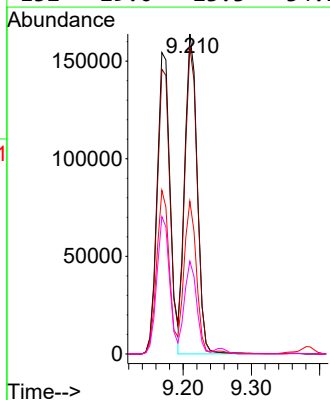
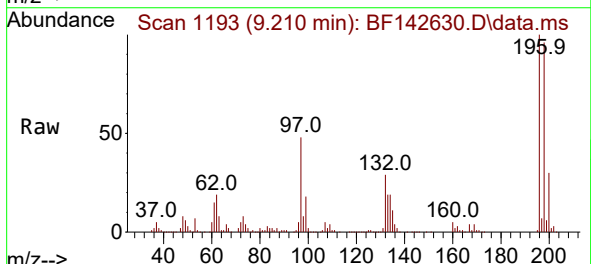
Manual Integrations
APPROVED

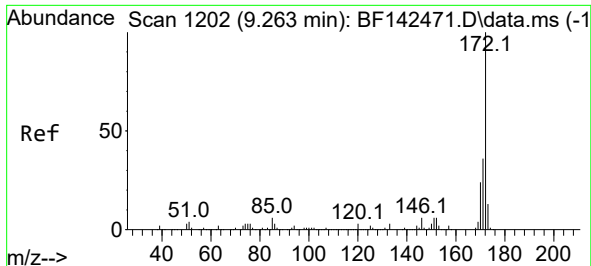
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#44
2,4,5-Trichlorophenol
Concen: 43.603 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:196 Resp: 206573
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
97 47.7 39.3 58.9
132 29.0 23.3 34.9





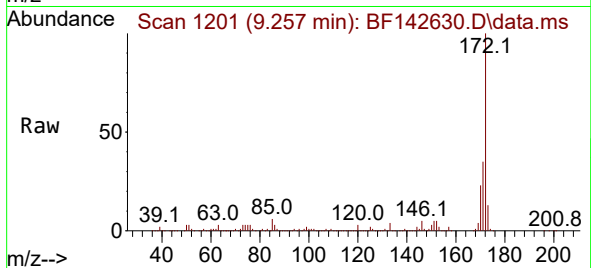
#45
2-Fluorobiphenyl
Concen: 50.080 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



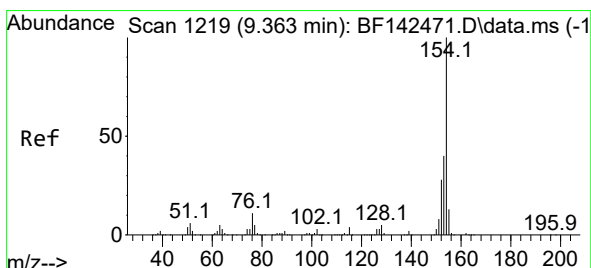
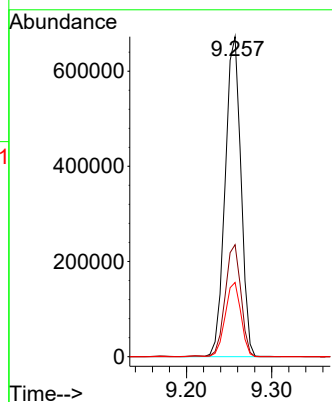
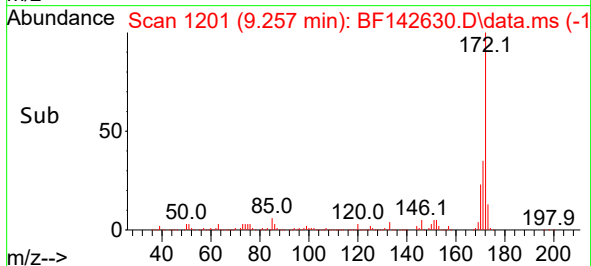
Tgt Ion:172 Resp: 866111
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 18.9 28.3

Manual Integrations

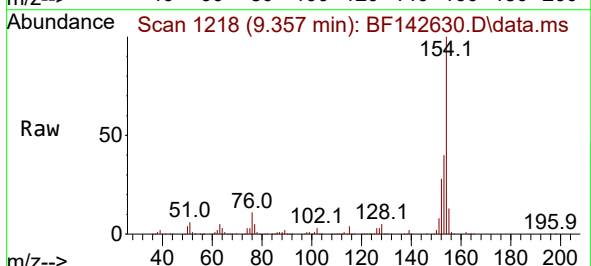
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

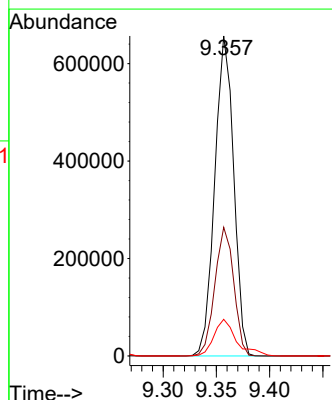
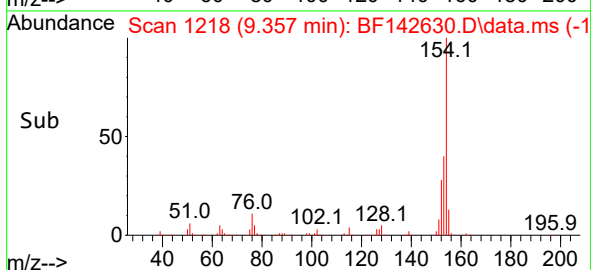
Supervised By :Jagrut Upadhyay 06/06/2025

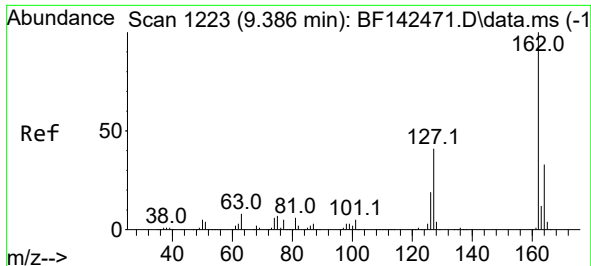


#46
1,1'-Biphenyl
Concen: 44.944 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:154 Resp: 809190
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.5 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.242 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142630.D

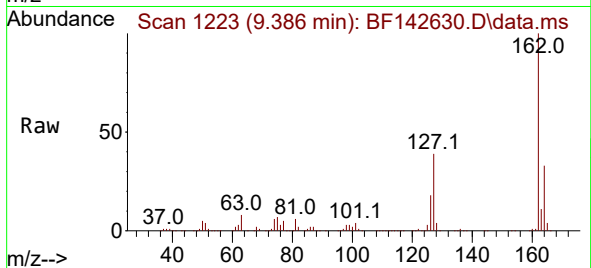
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



Tgt Ion:162 Resp: 60182

Ion Ratio Lower Upper

162 100

127 39.2 33.5 50.3

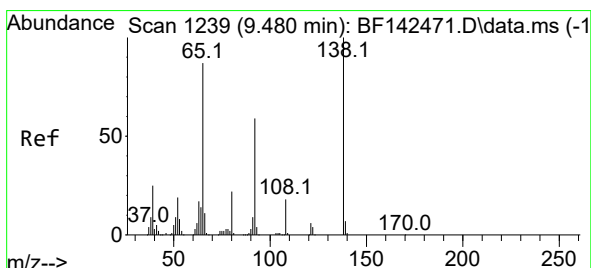
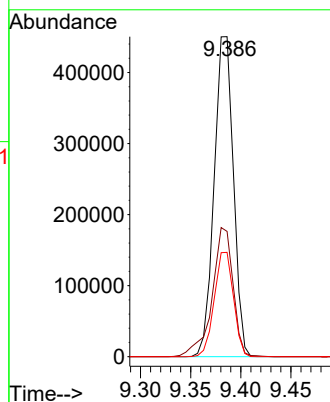
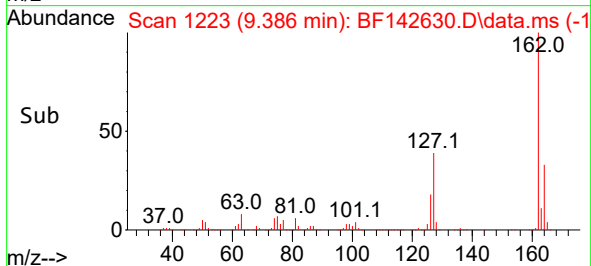
164 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#48

2-Nitroaniline

Concen: 45.115 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

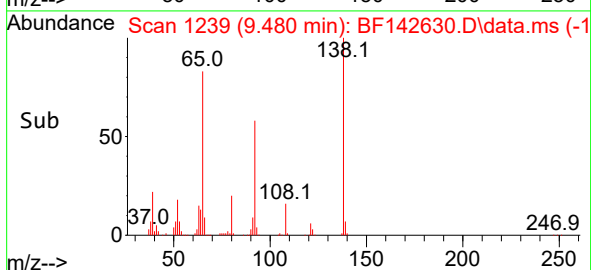
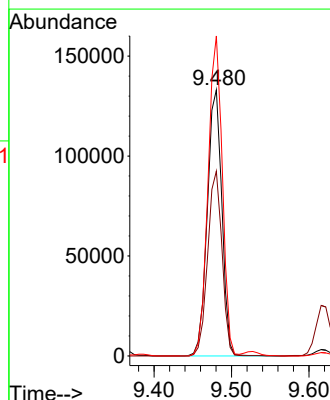
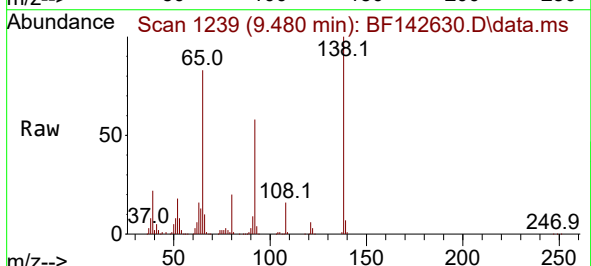
Tgt Ion: 65 Resp: 173466

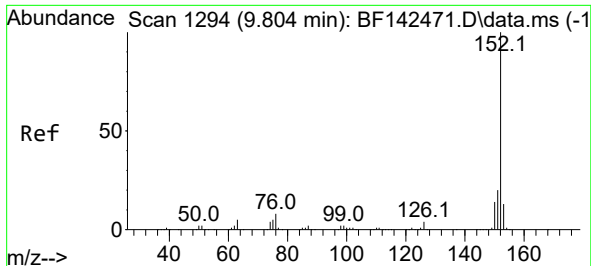
Ion Ratio Lower Upper

65 100

92 69.4 54.4 81.6

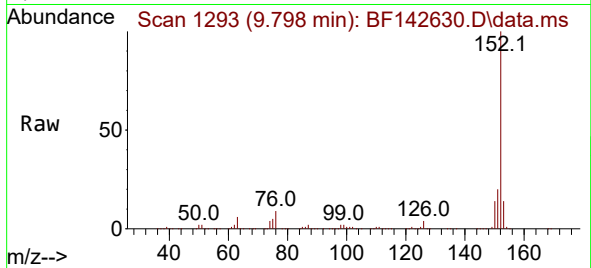
138 120.2 91.4 137.2





#49
Acenaphthylene
Concen: 43.832 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

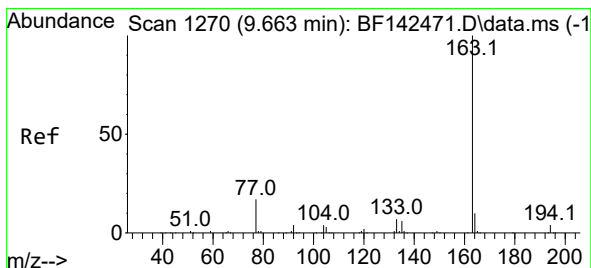
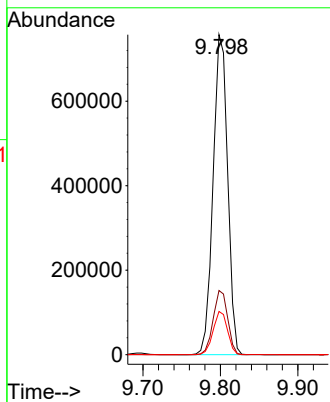
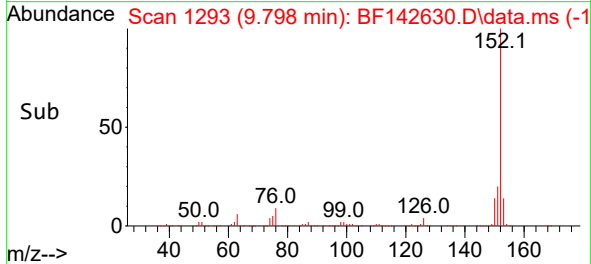
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



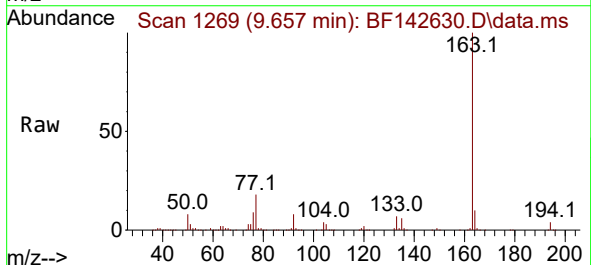
Tgt Ion:152 Resp: 98455
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.6 15.8

Manual Integrations
APPROVED

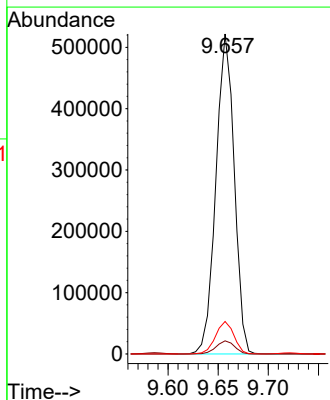
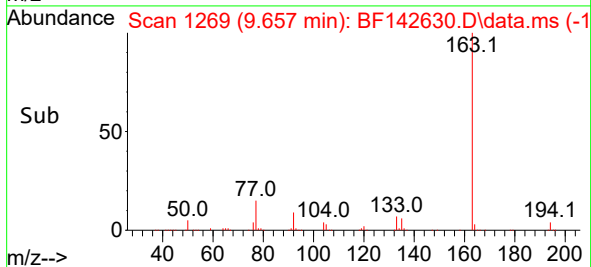
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

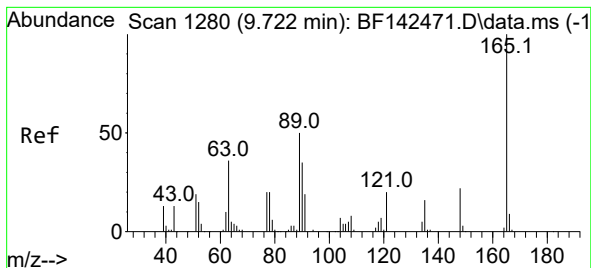


#50
Dimethylphthalate
Concen: 43.225 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



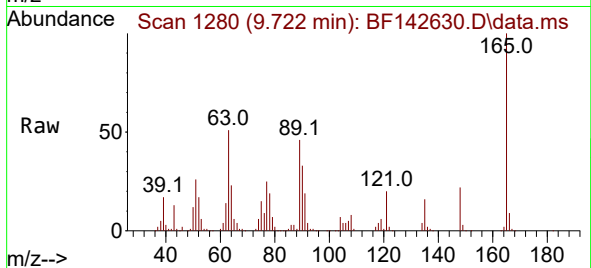
Tgt Ion:163 Resp: 661895
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.900 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

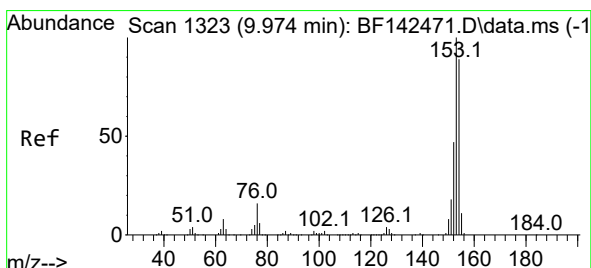
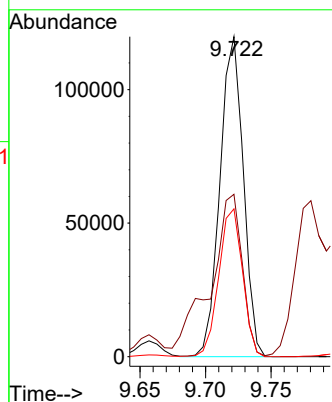
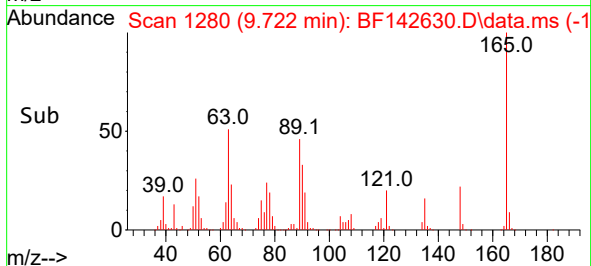
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:165 Resp: 148392
Ion Ratio Lower Upper
165 100
63 50.7 42.9 64.3
89 46.2 40.2 60.4

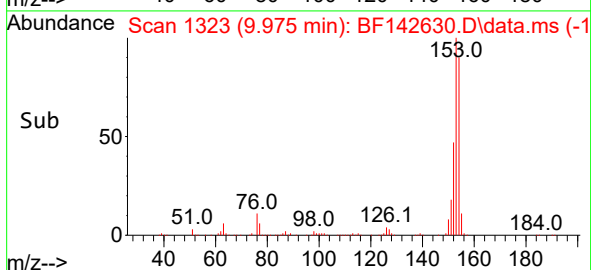
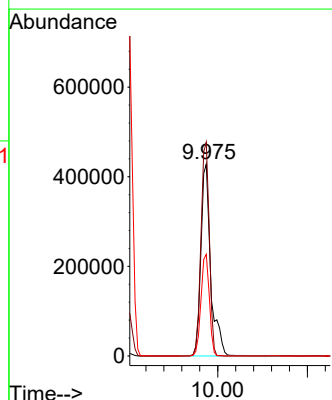
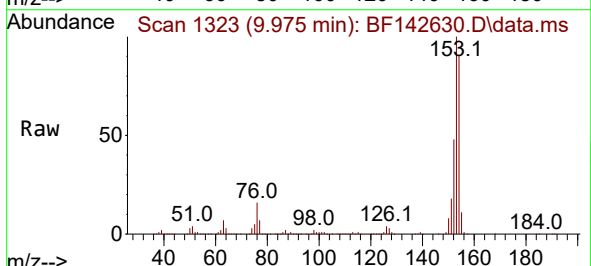
Manual Integrations
APPROVED

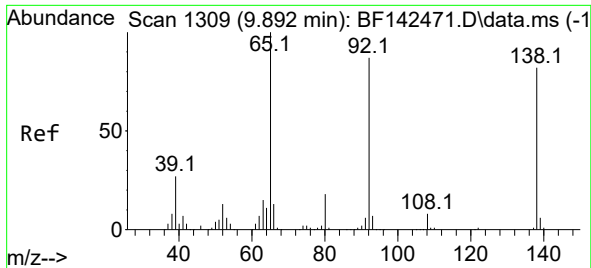
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#52
Acenaphthene
Concen: 47.744 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

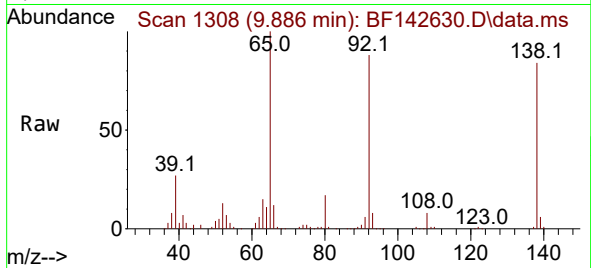
Tgt Ion:154 Resp: 654841
Ion Ratio Lower Upper
154 100
153 111.4 90.0 135.0
152 52.9 42.6 64.0





#53
3-Nitroaniline
Concen: 29.610 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

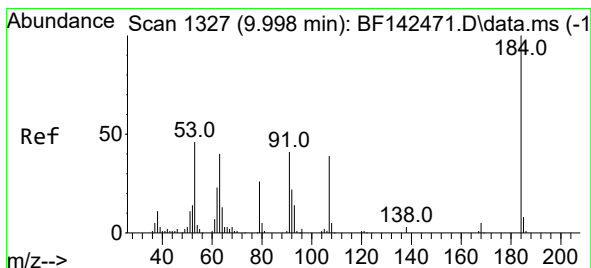
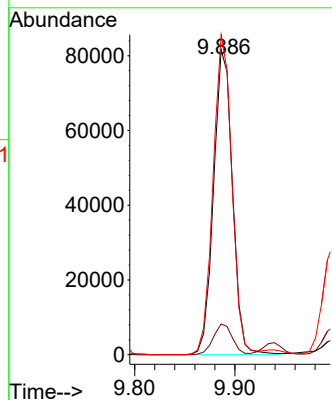
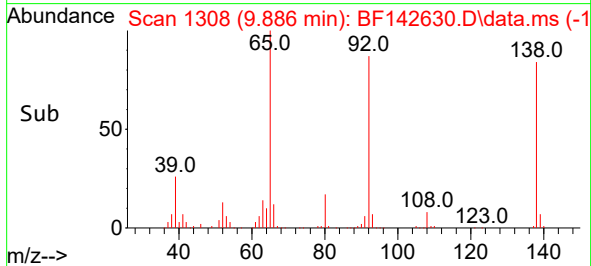
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:138 Resp: 10688
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 104.9 85.2 127.8

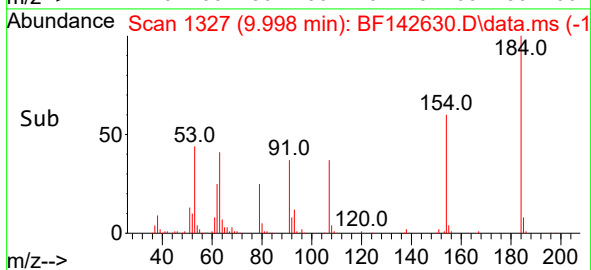
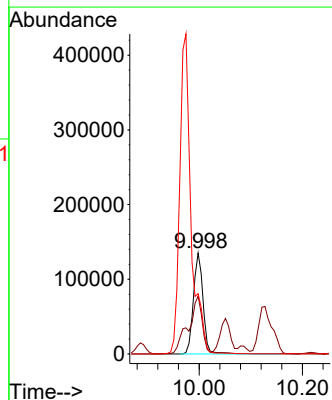
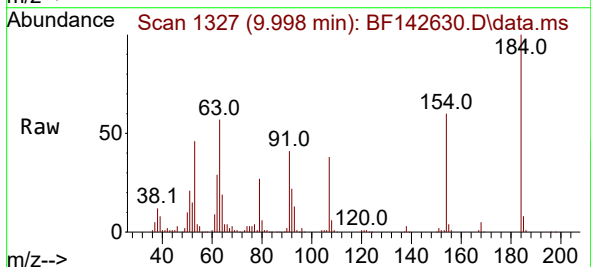
Manual Integrations
APPROVED

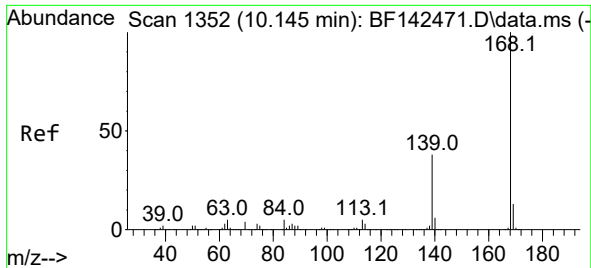
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#54
2,4-Dinitrophenol
Concen: 102.981 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

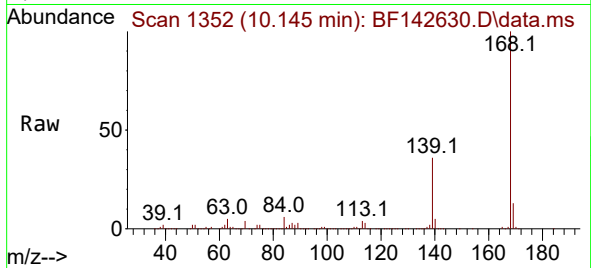
Tgt Ion:184 Resp: 175836
Ion Ratio Lower Upper
184 100
63 57.2 46.3 69.5
154 59.9 56.8 85.2





#55
Dibenzofuran
Concen: 42.904 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

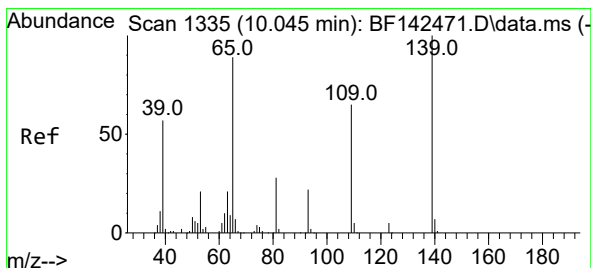
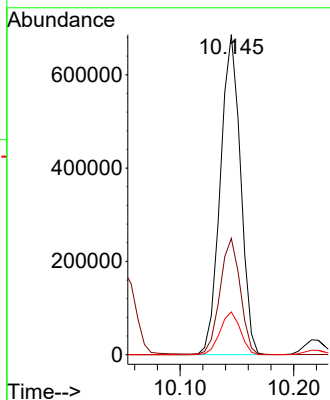
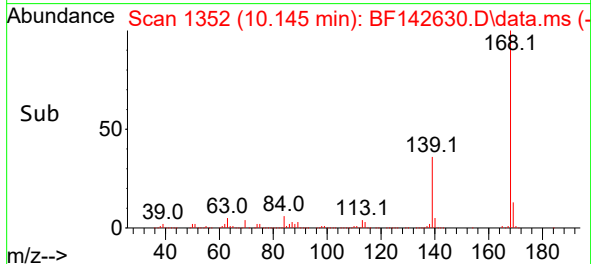
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:168 Resp: 84680
Ion Ratio Lower Upper
168 100
139 36.3 30.2 45.2
169 13.4 10.7 16.1

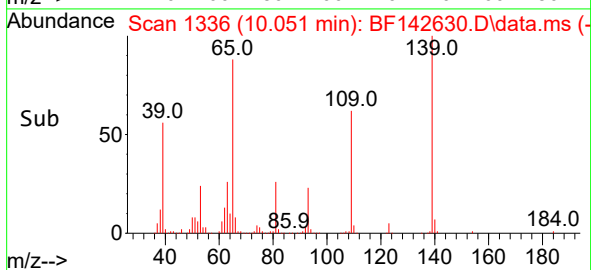
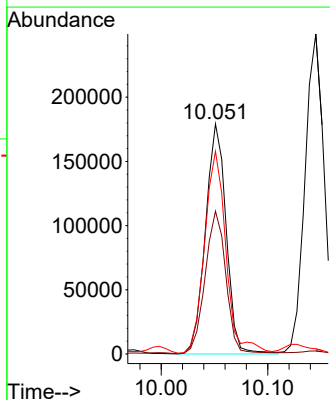
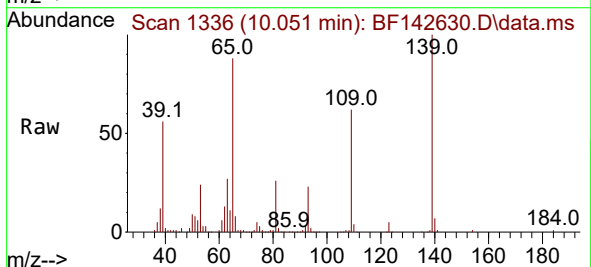
Manual Integrations
APPROVED

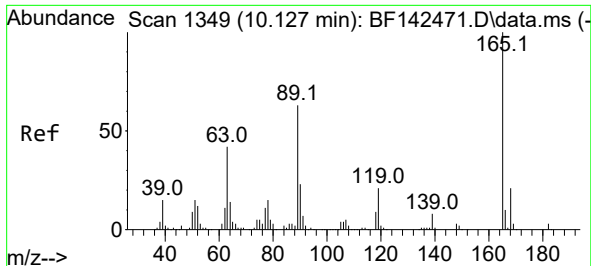
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#56
4-Nitrophenol
Concen: 91.196 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:139 Resp: 242899
Ion Ratio Lower Upper
139 100
109 62.1 45.1 85.1
65 88.1 69.7 109.7





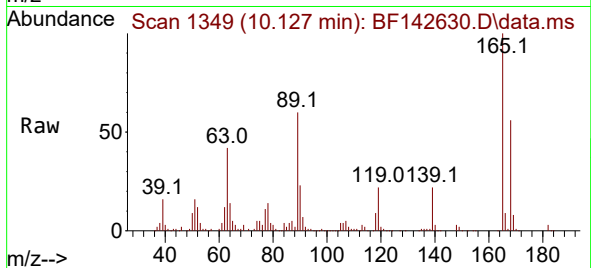
#57
2,4-Dinitrotoluene
Concen: 45.290 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



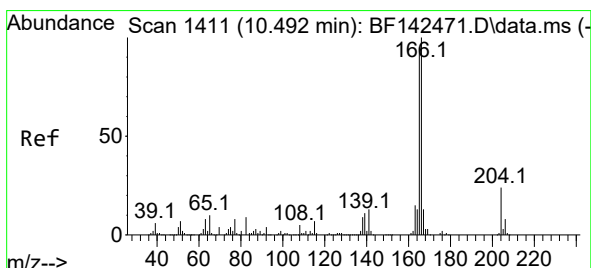
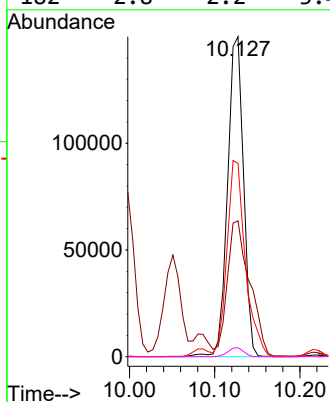
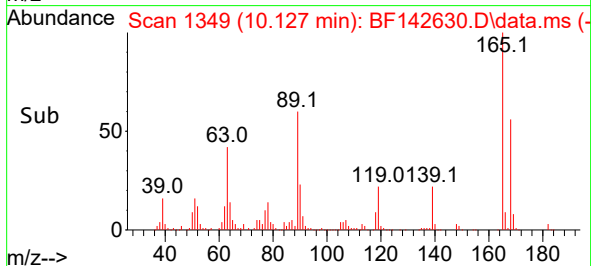
Tgt Ion:165 Resp: 19548
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 60.4 50.2 75.4
182 2.8 2.2 3.4

Manual Integrations

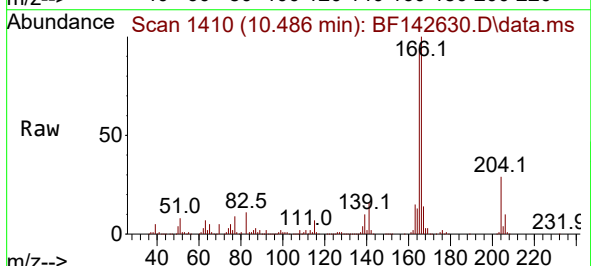
APPROVED

Reviewed By :Rahul Chavli 06/06/2025

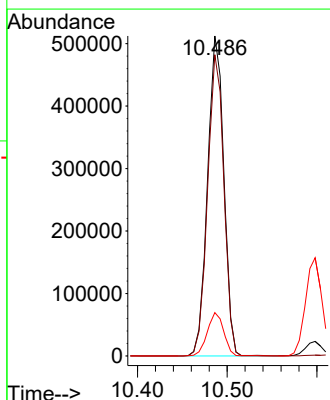
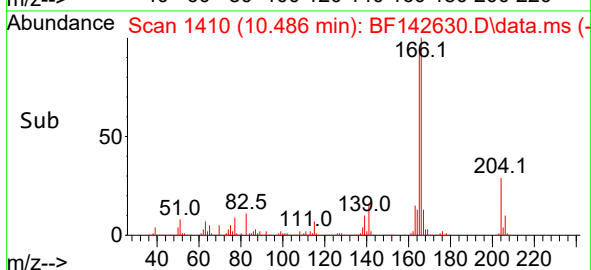
Supervised By :Jagrut Upadhyay 06/06/2025

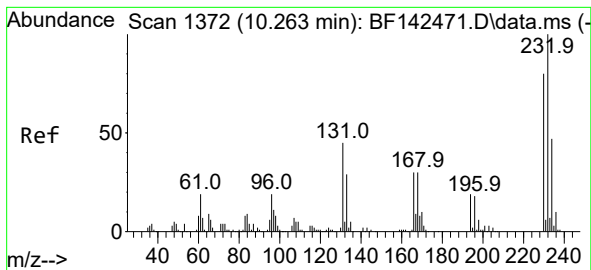


#58
Fluorene
Concen: 42.375 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



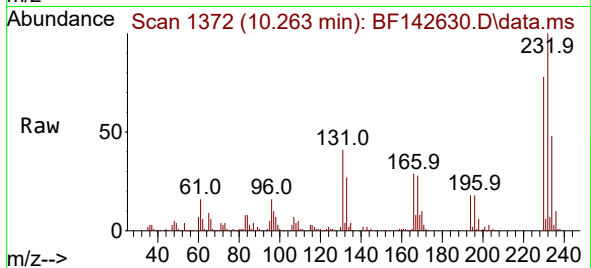
Tgt Ion:166 Resp: 646129
Ion Ratio Lower Upper
166 100
165 94.1 75.8 113.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.920 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

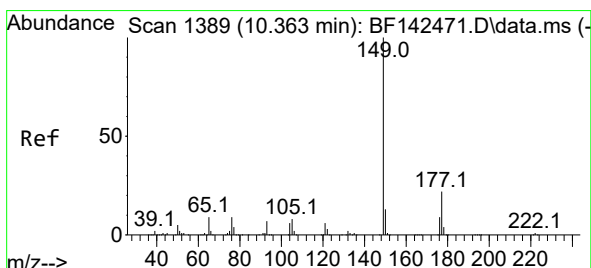
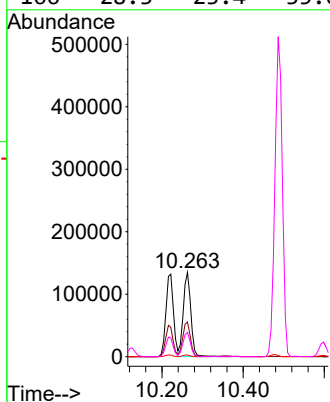
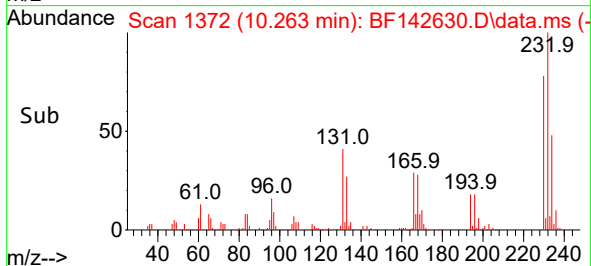
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



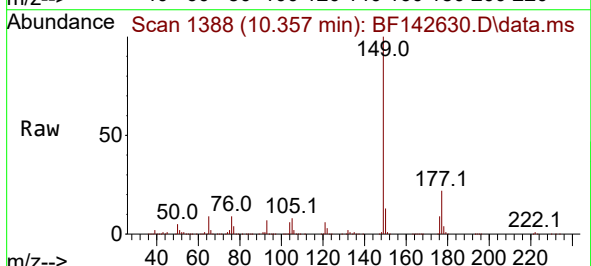
Tgt Ion:232 Resp: 173701
Ion Ratio Lower Upper
232 100
131 41.7 35.2 52.8
130 2.0 1.7 2.5
166 28.3 23.4 35.0

Manual Integrations
APPROVED

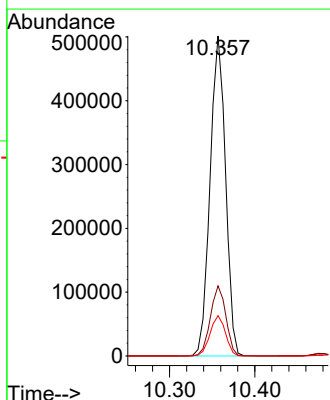
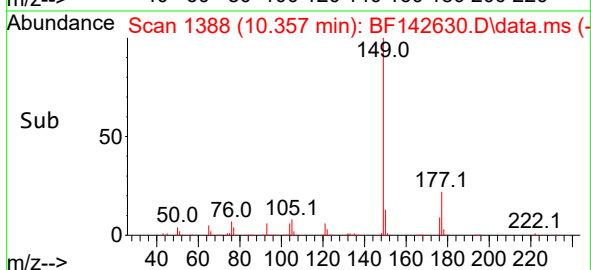
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

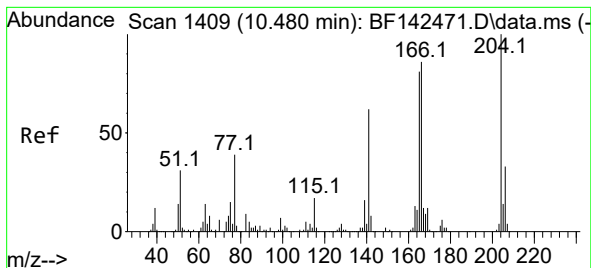


#60
Diethylphthalate
Concen: 42.251 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



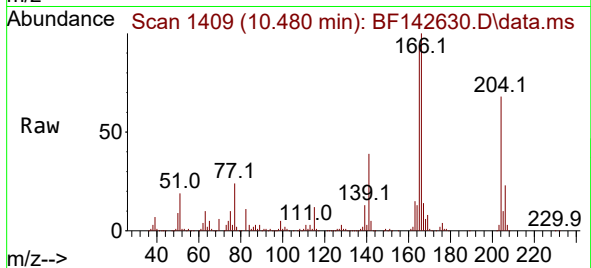
Tgt Ion:149 Resp: 631869
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.620 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

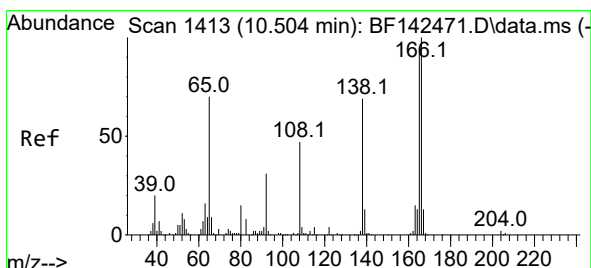
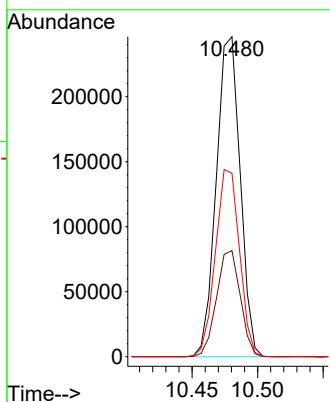
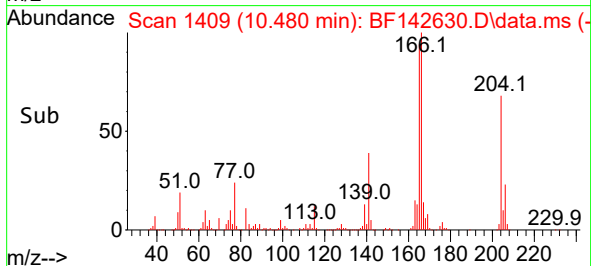
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



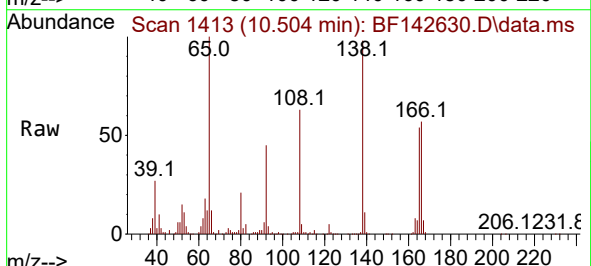
Tgt Ion:204 Resp: 311750
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 57.4 49.5 74.3

Manual Integrations
APPROVED

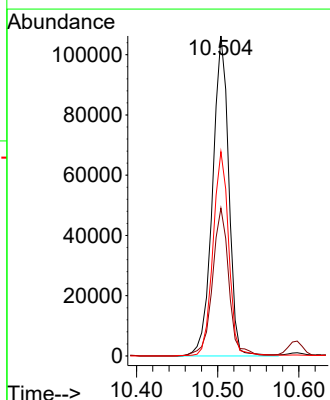
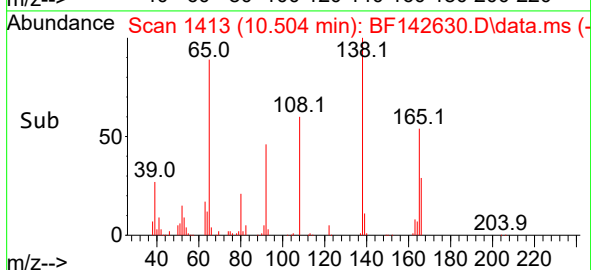
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

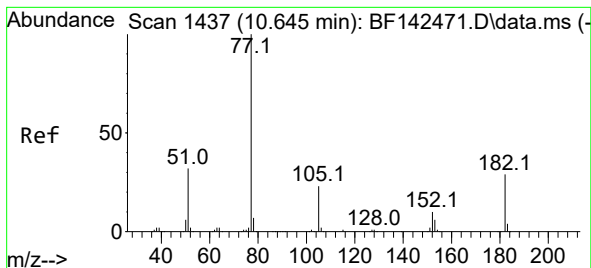


#62
4-Nitroaniline
Concen: 45.122 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



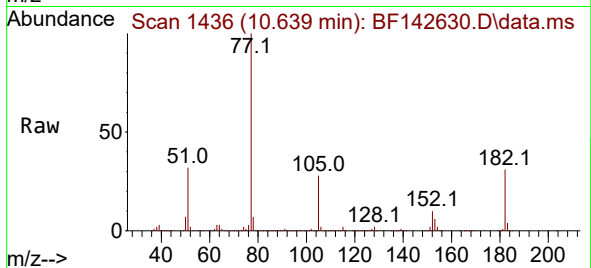
Tgt Ion:138 Resp: 147725
Ion Ratio Lower Upper
138 100
92 46.2 26.0 66.0
108 63.8 48.4 88.4





#63
Azobenzene
Concen: 47.163 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

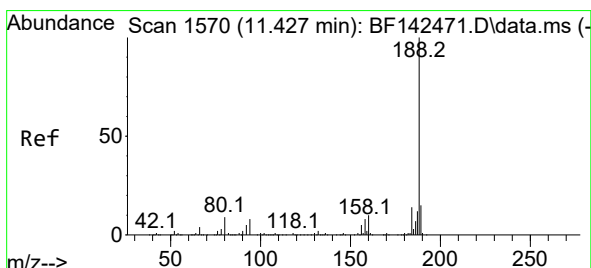
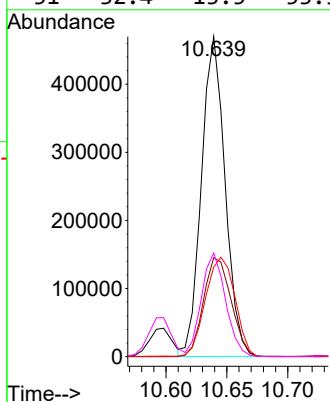
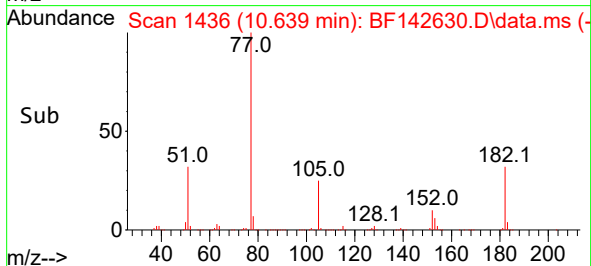
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion: 77 Resp: 633510
Ion Ratio Lower Upper
77 100
182 31.0 9.0 49.0
105 28.0 2.4 42.4
51 32.4 13.5 53.5

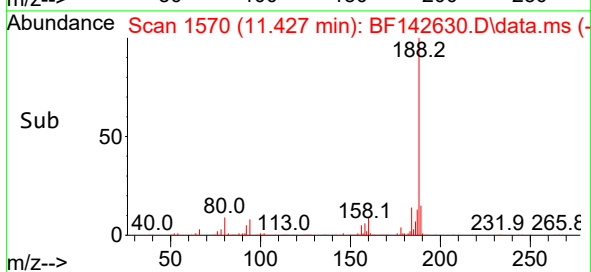
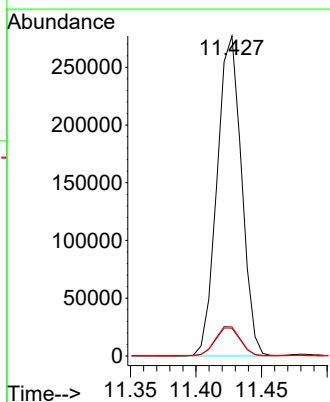
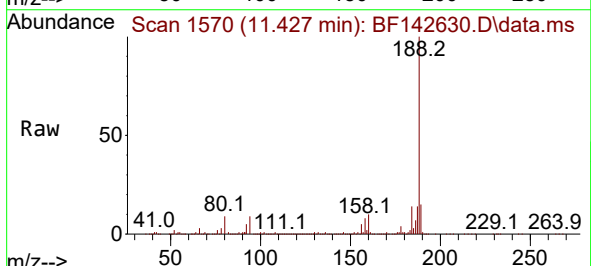
Manual Integrations
APPROVED

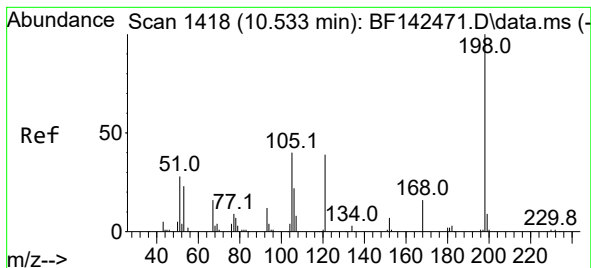
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

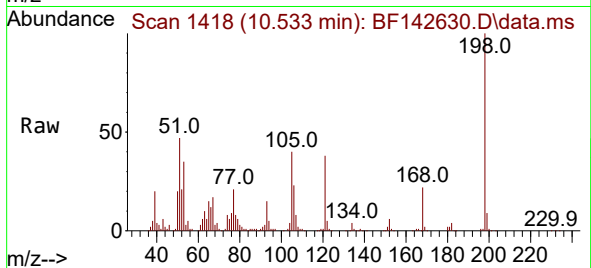
Tgt Ion:188 Resp: 359383
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.670 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

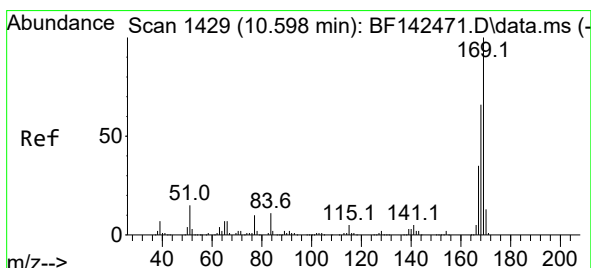
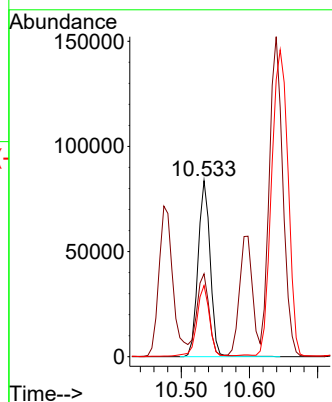
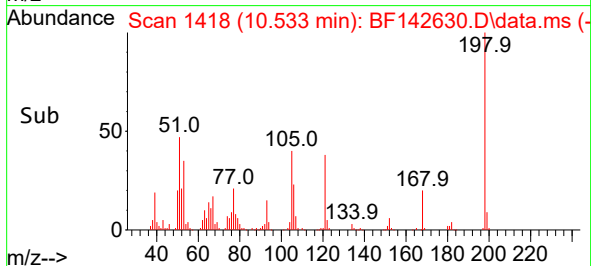
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



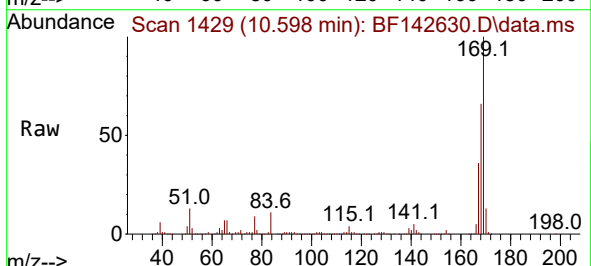
Tgt Ion:198 Resp: 103633
Ion Ratio Lower Upper
198 100
51 47.1 28.3 68.3
105 40.4 21.3 61.3

Manual Integrations
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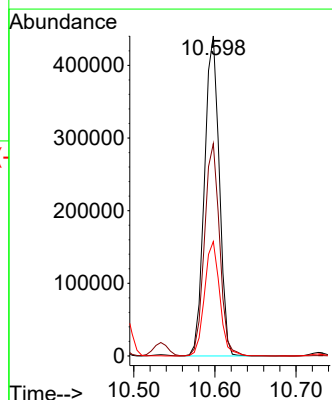
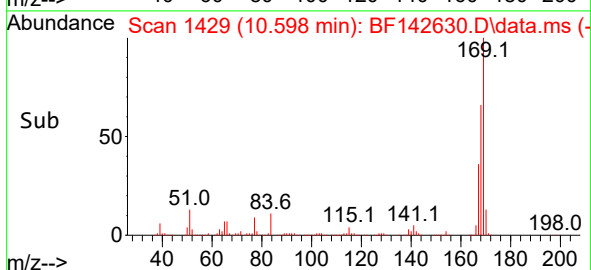
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

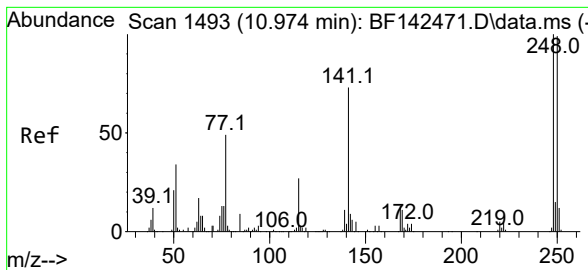


#66
n-Nitrosodiphenylamine
Concen: 45.248 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



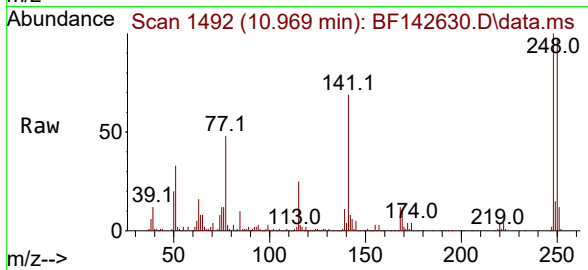
Tgt Ion:169 Resp: 556337
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 35.7 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 45.039 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

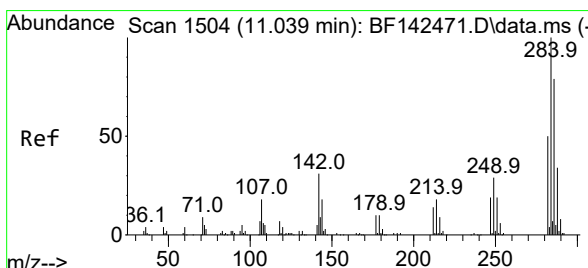
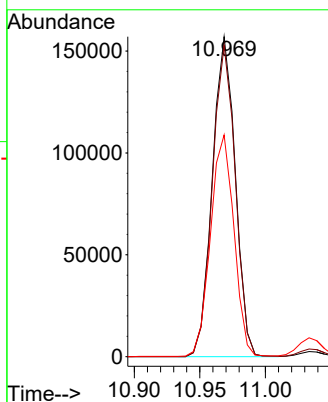
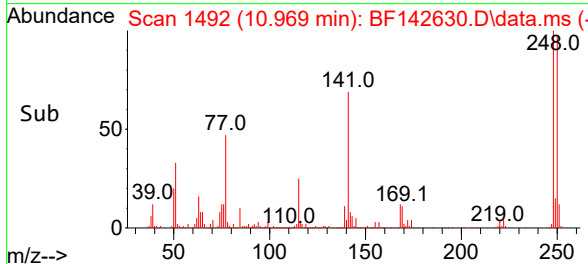
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



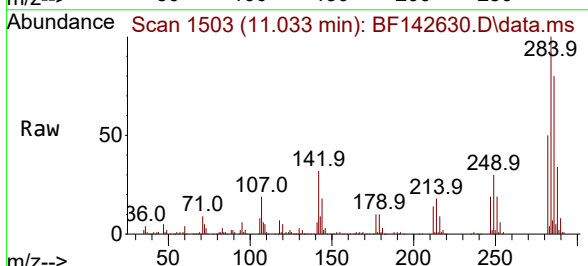
Tgt Ion:248 Resp: 191389
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 69.3 58.4 87.6

Manual Integrations
APPROVED

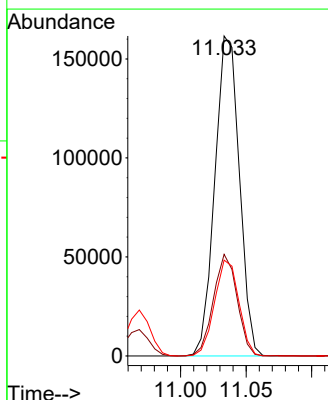
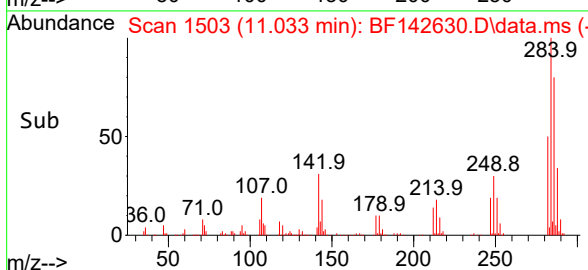
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

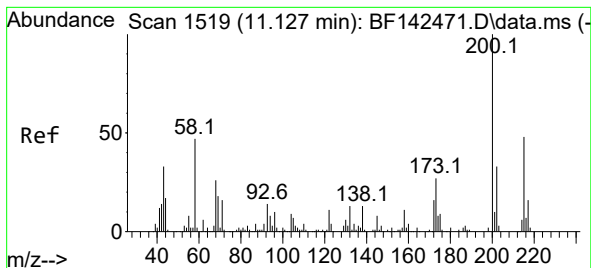


#68
Hexachlorobenzene
Concen: 44.612 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:284 Resp: 209677
Ion Ratio Lower Upper
284 100
142 31.7 24.8 37.2
249 30.0 23.6 35.4





#69

Atrazine

Concen: 49.956 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

Tgt Ion:200 Resp: 16312

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

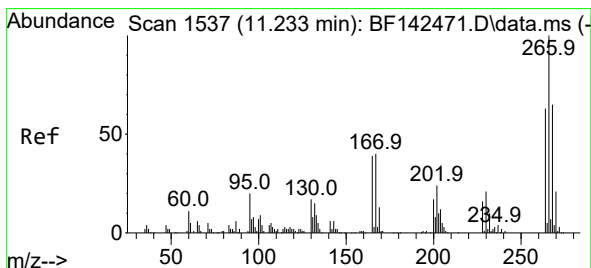
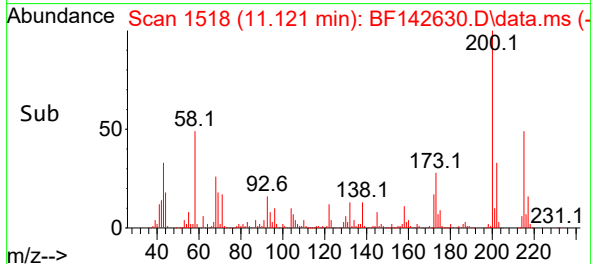
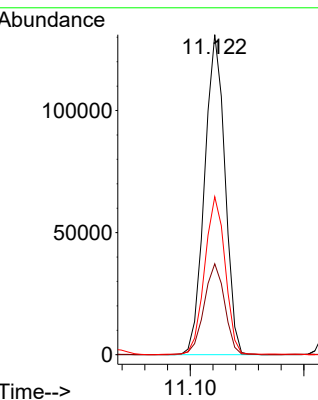
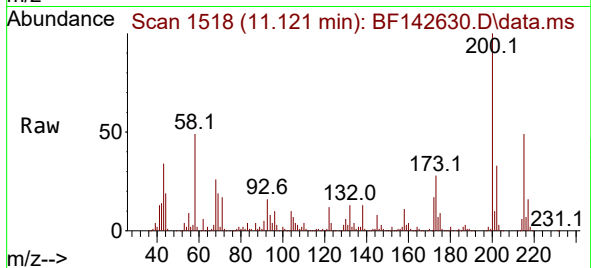
215 49.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#70

Pentachlorophenol

Concen: 86.908 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

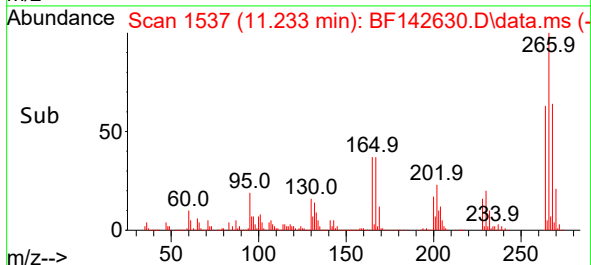
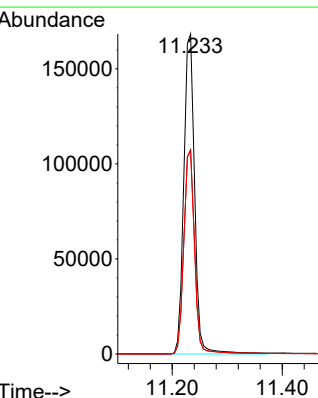
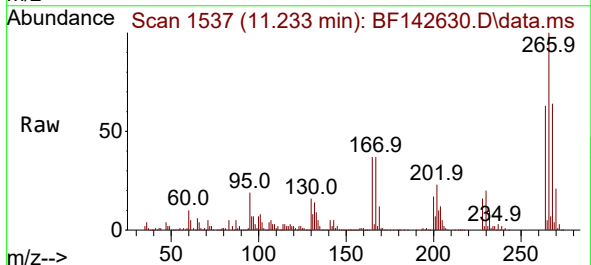
Tgt Ion:266 Resp: 230613

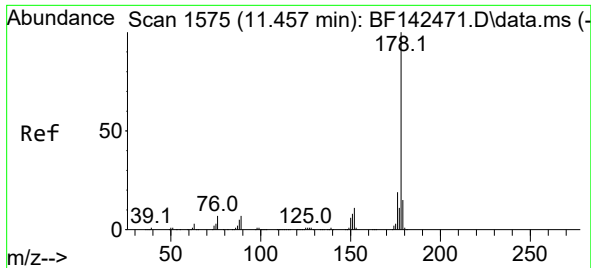
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

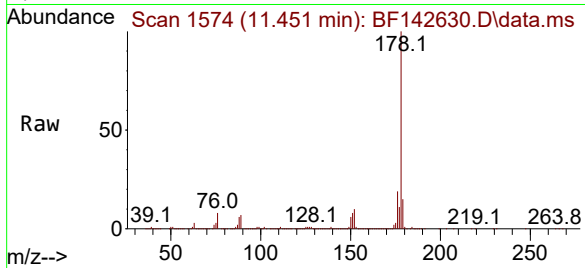
264 63.2 50.4 75.6





#71
Phenanthrene
Concen: 43.781 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

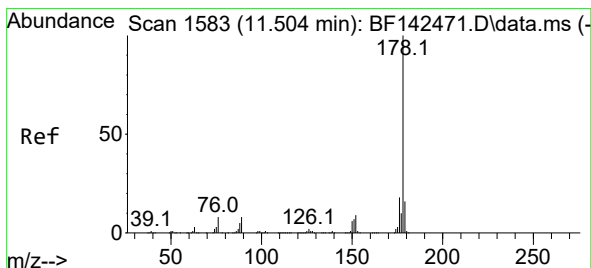
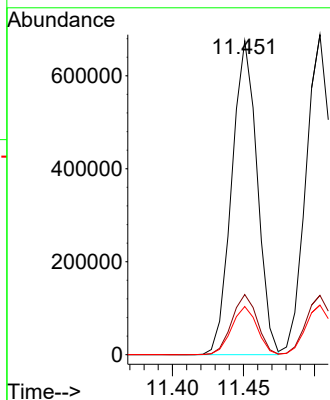
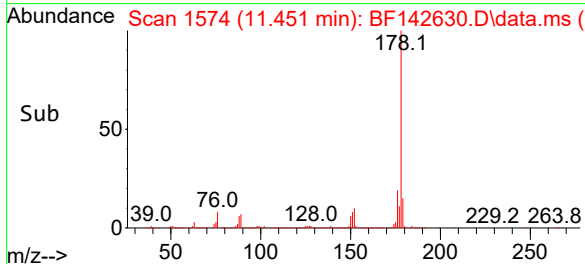
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:178 Resp: 840862
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.3 18.5

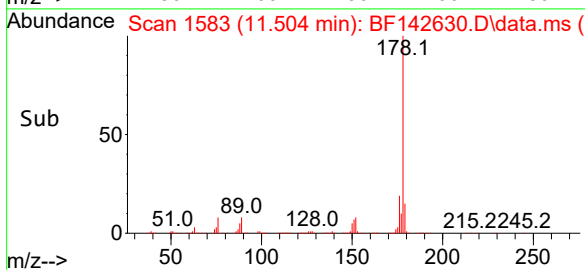
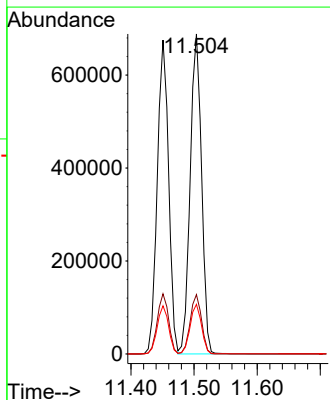
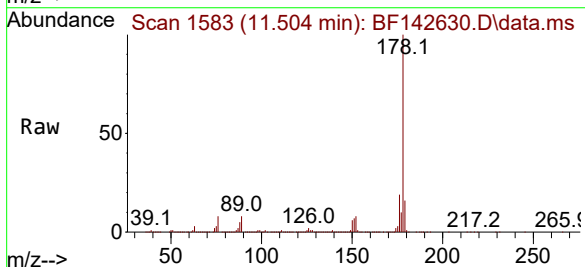
Manual Integrations
APPROVED

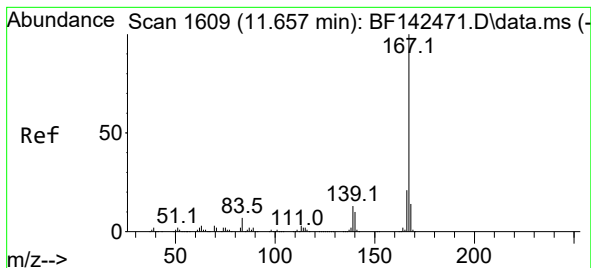
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#72
Anthracene
Concen: 43.995 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

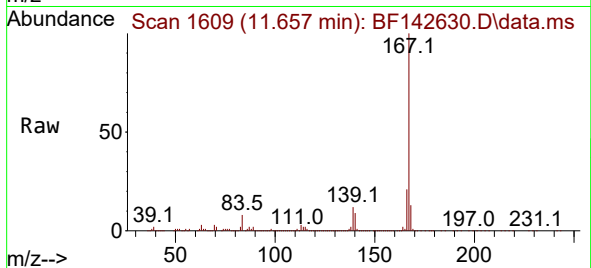
Tgt Ion:178 Resp: 862354
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.940 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07

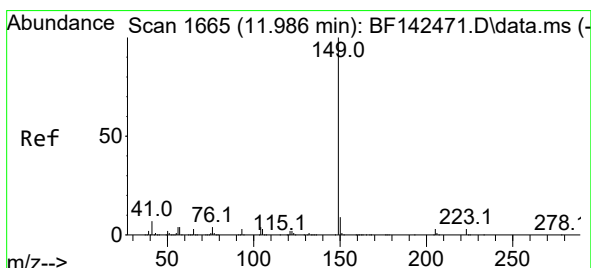
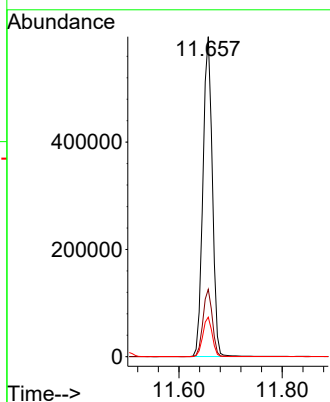
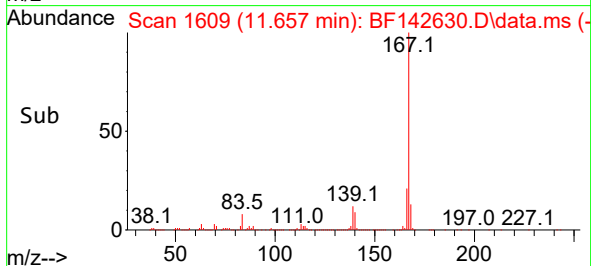
Instrument :
 BNA_F
 ClientSampleId :
 COMP-13MSD



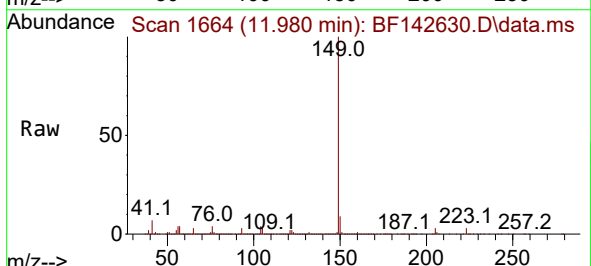
Tgt Ion:167 Resp: 753059
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 12.4 10.2 15.4

Manual Integrations
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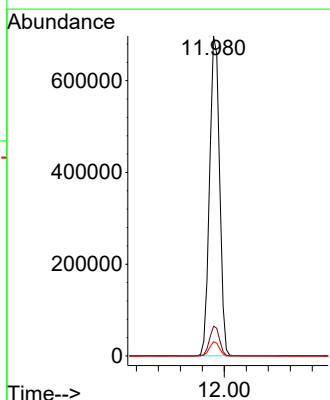
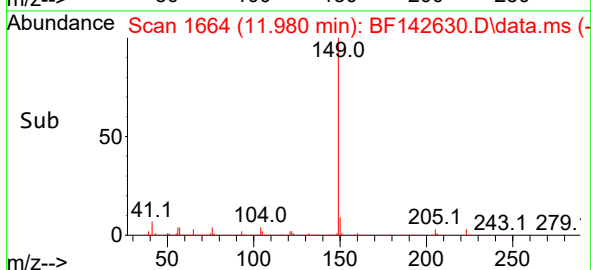
Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

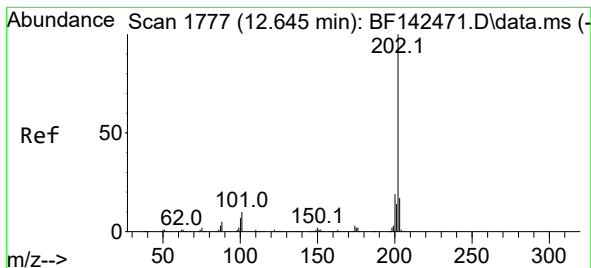


#74
 Di-n-butylphthalate
 Concen: 47.821 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF142630.D
 Acq: 05 Jun 2025 13:07



Tgt Ion:149 Resp: 877150
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 44.438 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

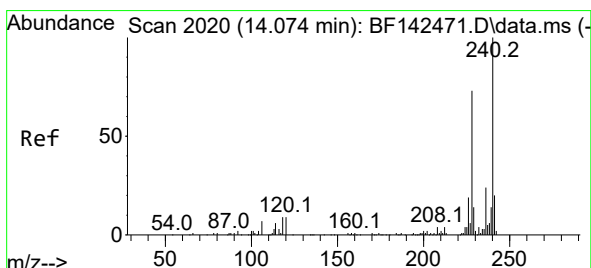
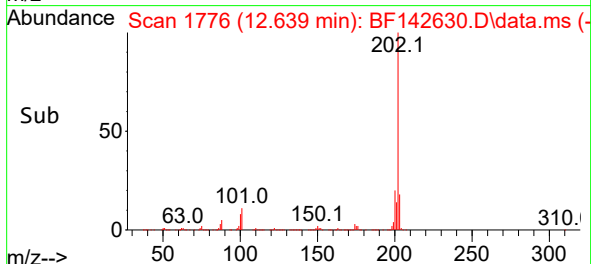
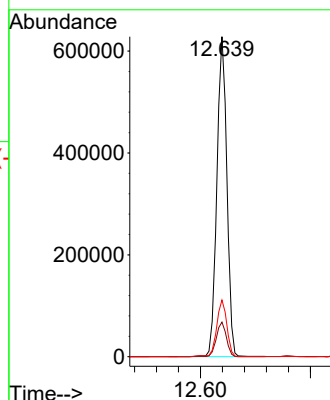
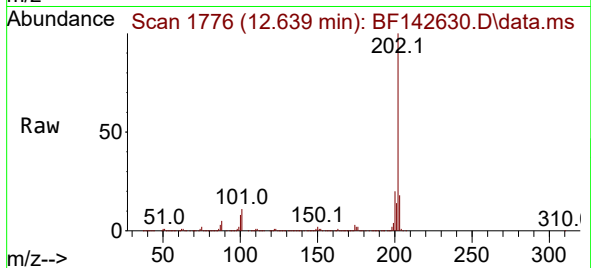
Tgt Ion:202 Resp: 797484
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 29.6
 203 17.7 0.0 37.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#76

Chrysene-d12

Concen: 20.000 ng

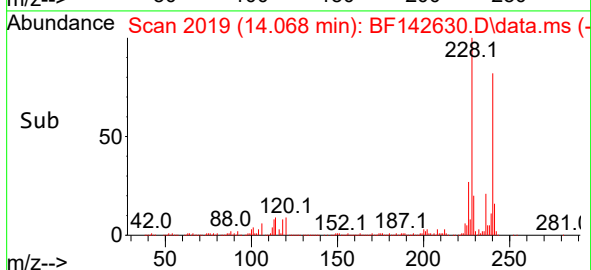
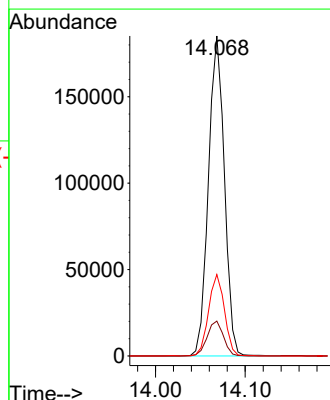
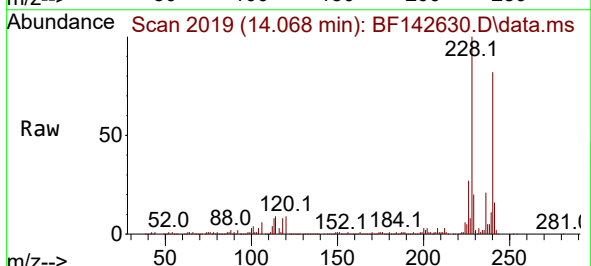
RT: 14.068 min Scan# 2019

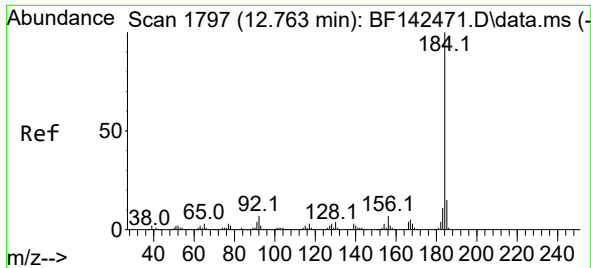
Delta R.T. -0.006 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

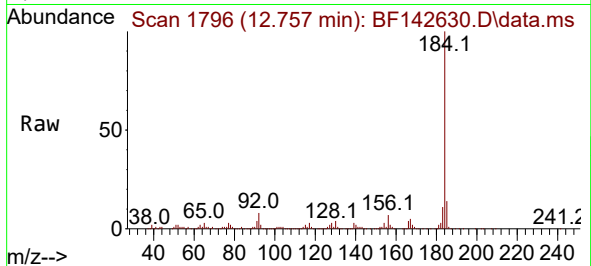
Tgt Ion:240 Resp: 228816
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.5 11.3
 236 25.4 19.6 29.4





#77
Benzidine
Concen: 40.809 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

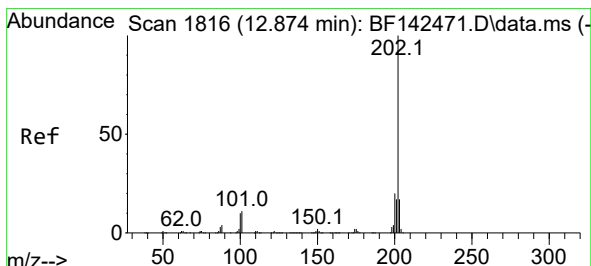
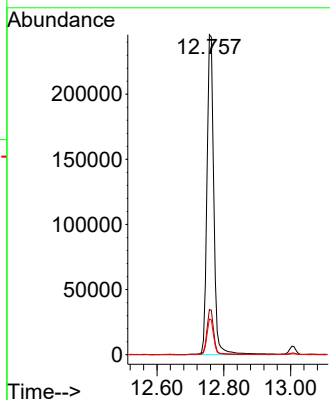
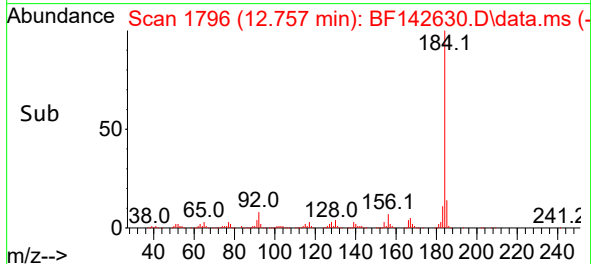
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:184 Resp: 34748
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 11.1 9.0 13.4

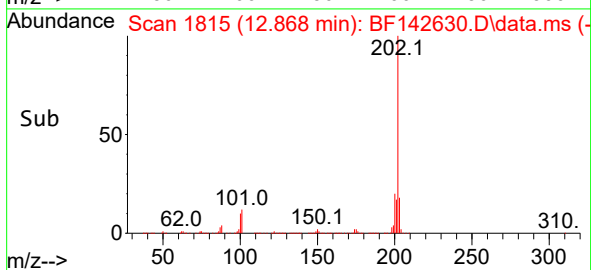
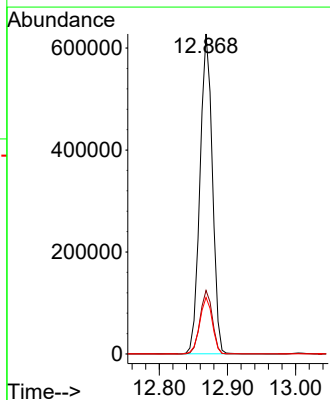
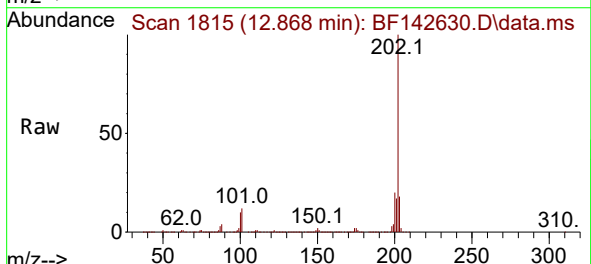
Manual Integrations
APPROVED

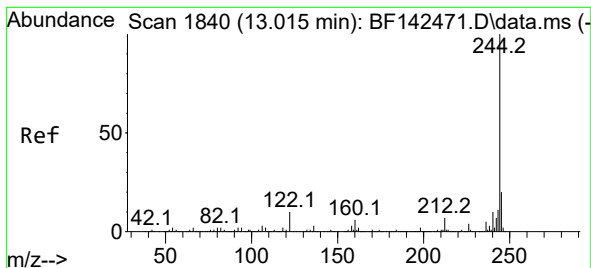
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#78
Pyrene
Concen: 37.189 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:202 Resp: 793809
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 39.911 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142630.D

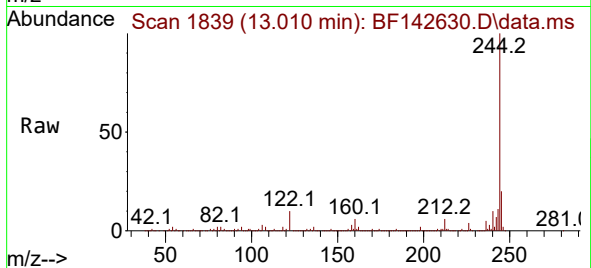
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD



Tgt Ion:244 Resp: 66826

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

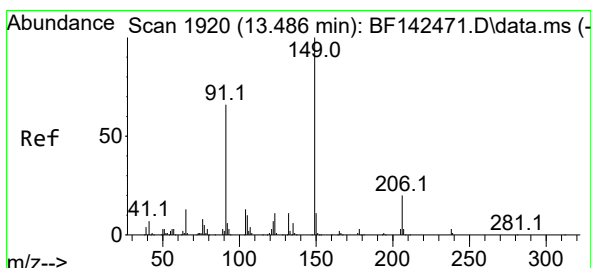
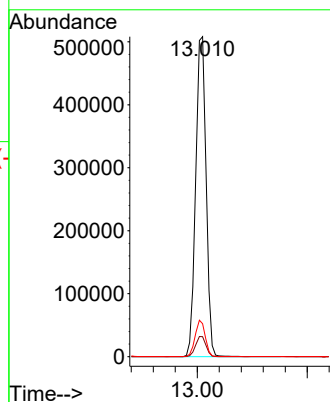
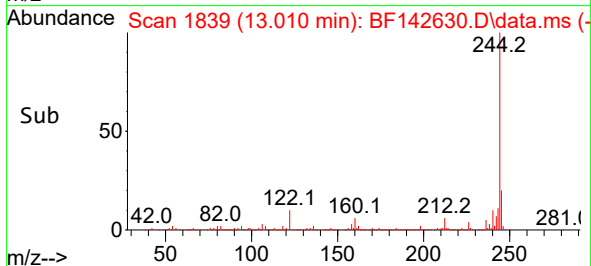
122 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#80

Butylbenzylphthalate

Concen: 51.673 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

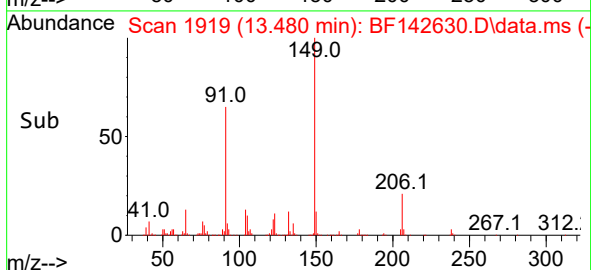
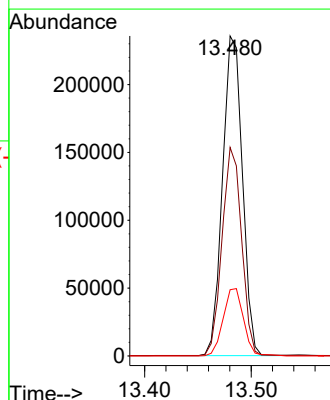
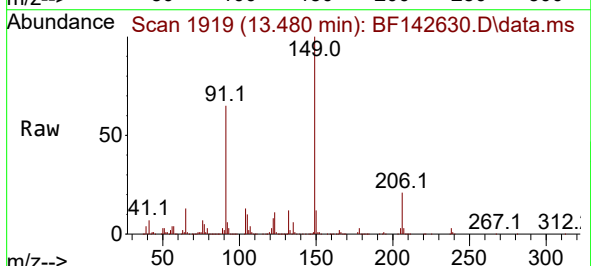
Tgt Ion:149 Resp: 304769

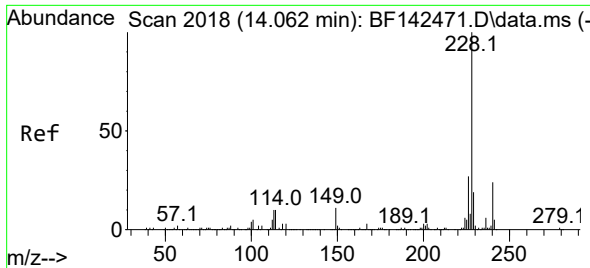
Ion Ratio Lower Upper

149 100

91 65.2 52.9 79.3

206 20.7 16.2 24.2





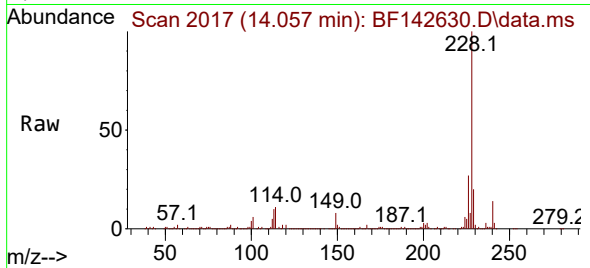
#81
Benzo(a)anthracene
Concen: 44.645 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

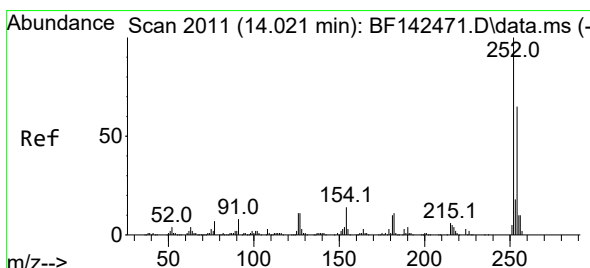
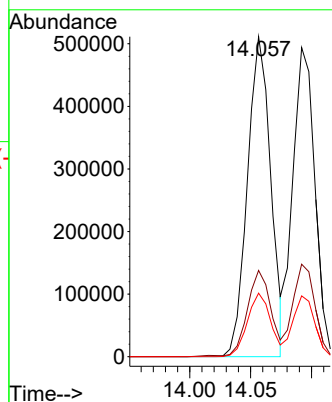
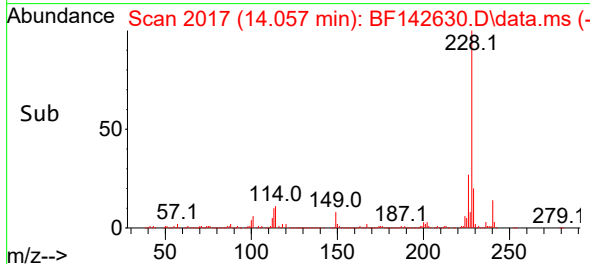


Tgt Ion:228 Resp: 682149
Ion Ratio Lower Upper
228 100
226 26.9 21.2 31.8
229 19.9 15.5 23.3

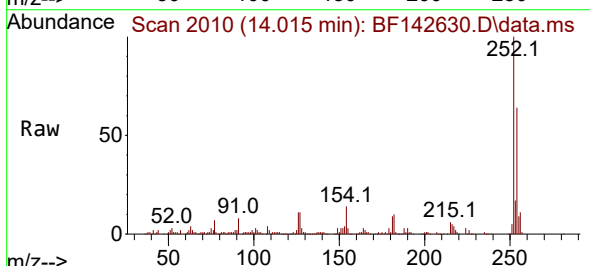
Manual Integrations

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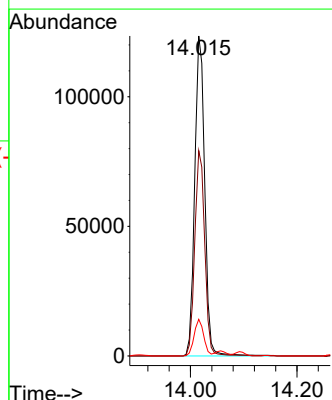
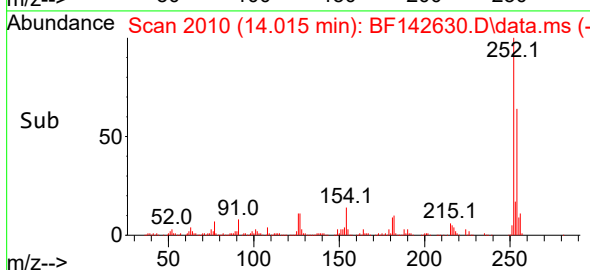
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

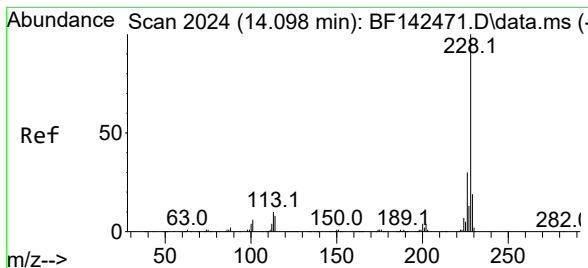


#82
3,3'-Dichlorobenzidine
Concen: 34.799 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:252 Resp: 161271
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.5 8.9 13.3





#83

Chrysene

Concen: 45.563 ng

RT: 14.092 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

Tgt Ion:228 Resp: 625549

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

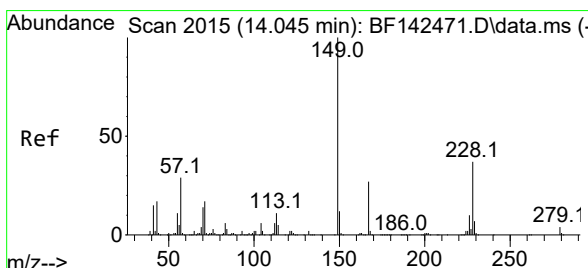
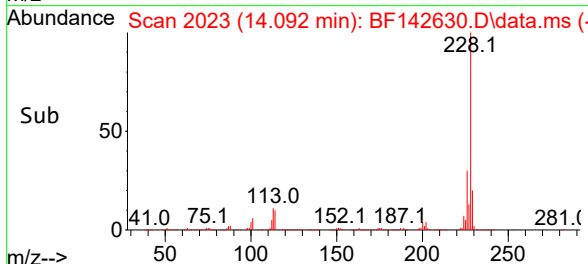
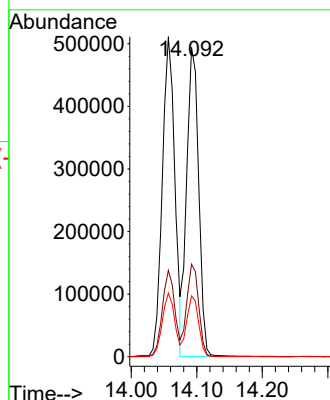
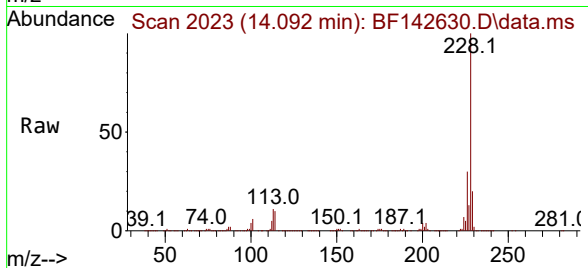
229 19.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/06/2025

Supervised By :Jagrut Upadhyay 06/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.655 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF142630.D

Acq: 05 Jun 2025 13:07

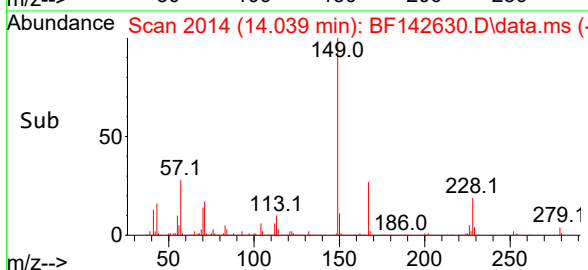
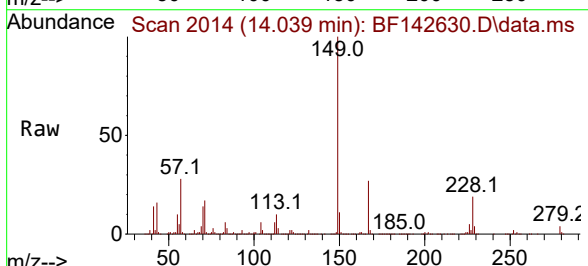
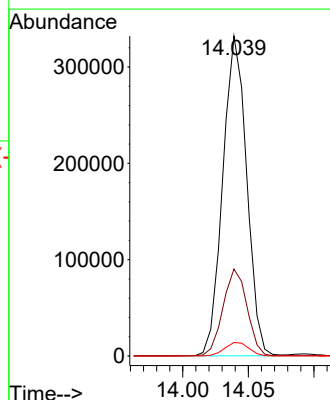
Tgt Ion:149 Resp: 420218

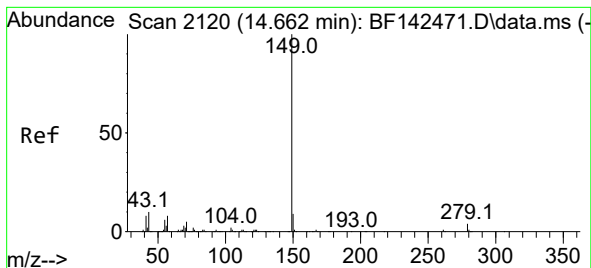
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

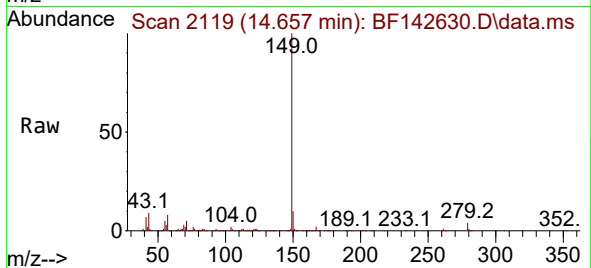
279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.240 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

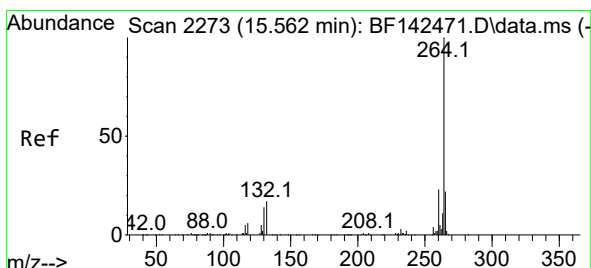
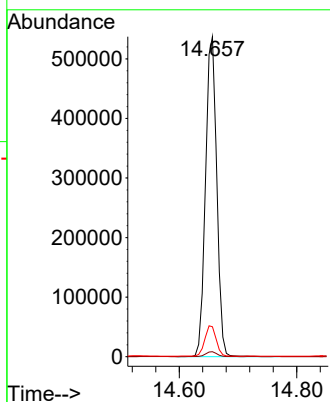
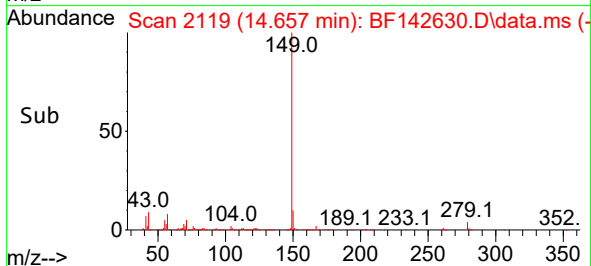
Instrument :
BNA_F
ClientSampleId :
COMP-13MSD



Tgt Ion:149 Resp: 712180
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 7.9 11.9

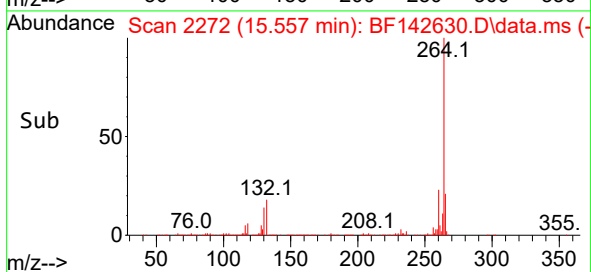
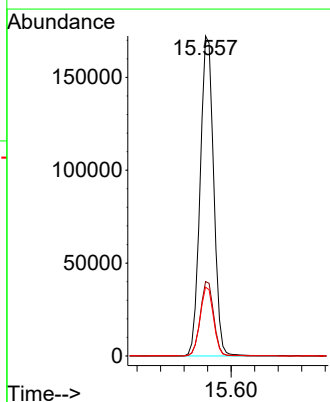
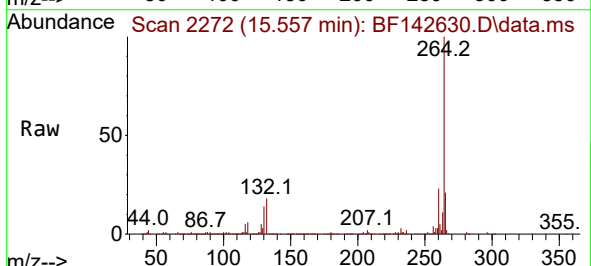
Manual Integrations
APPROVED

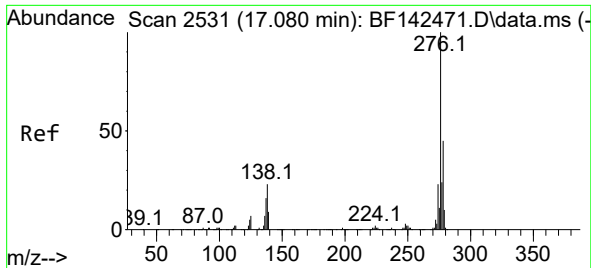
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:264 Resp: 274428
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.263 ng
RT: 17.074 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

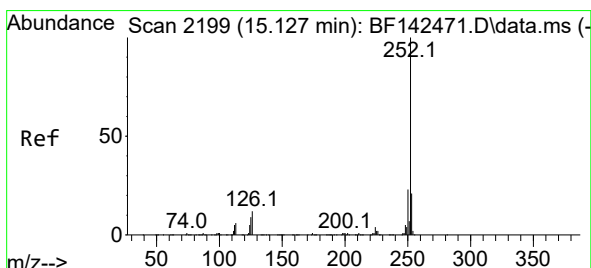
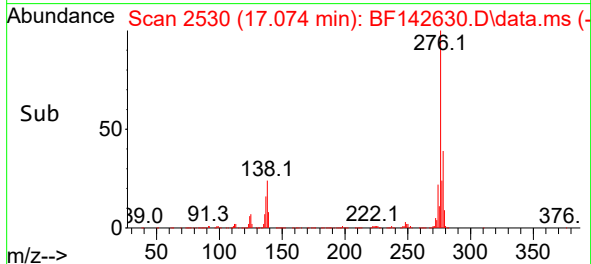
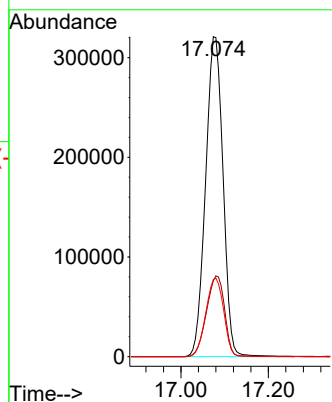
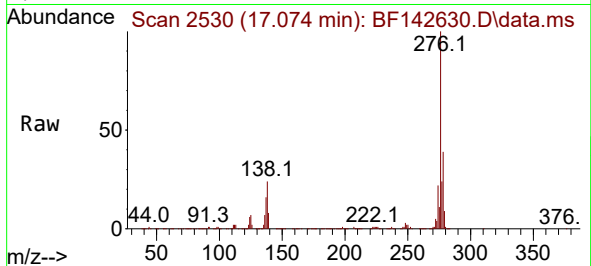
COMP-13MSD

Tgt Ion:276 Resp: 89132
Ion Ratio Lower Upper
276 100
138 26.3 19.9 29.9
277 25.2 20.2 30.2

Manual Integrations

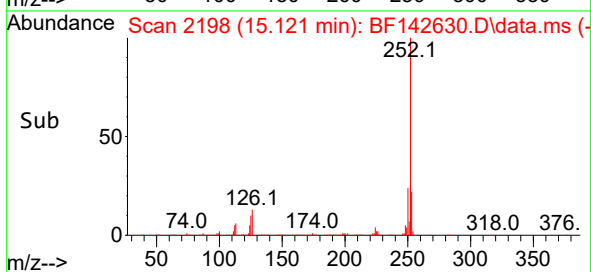
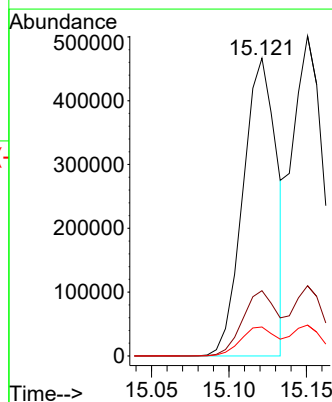
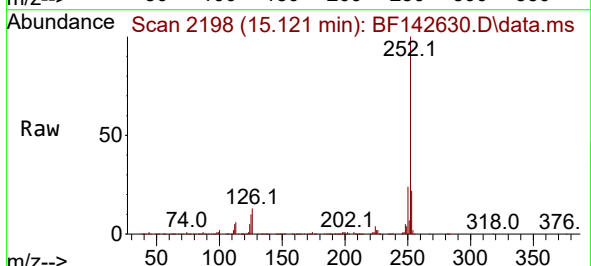
APPROVED

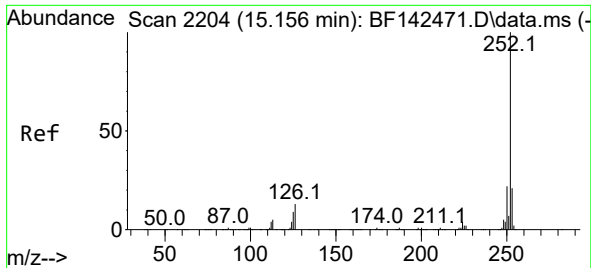
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#88
Benzo(b)fluoranthene
Concen: 43.387 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:252 Resp: 704683
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.8 7.4 11.0





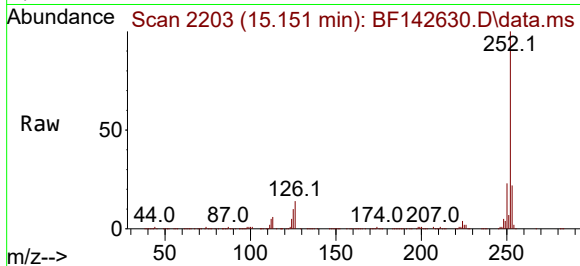
#89
Benzo(k)fluoranthene
Concen: 45.911 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :

BNA_F

ClientSampleId :

COMP-13MSD

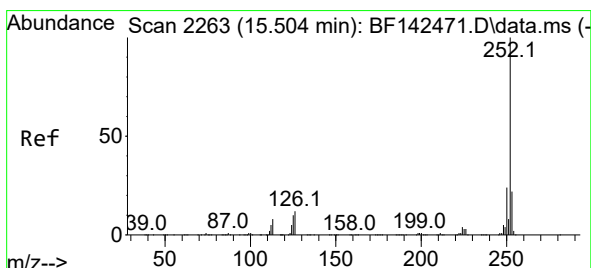
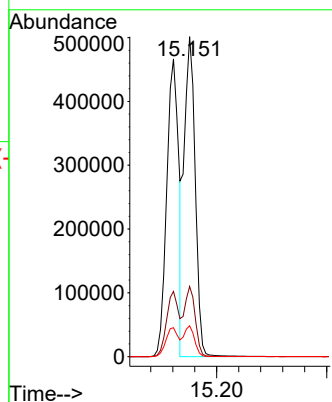
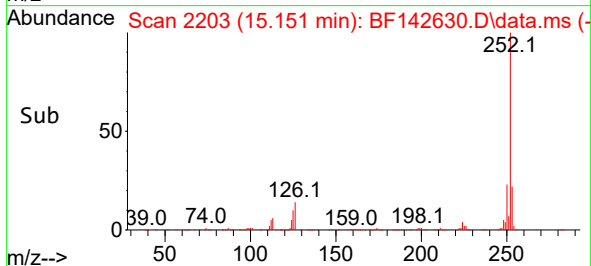


Tgt Ion:252 Resp: 698419
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.7 7.3 10.9

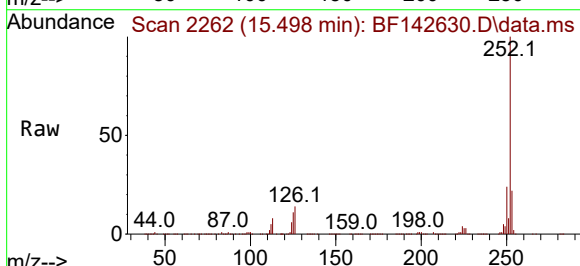
Manual Integrations

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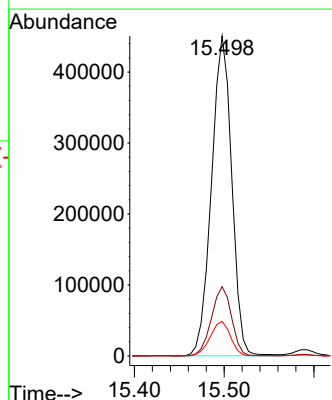
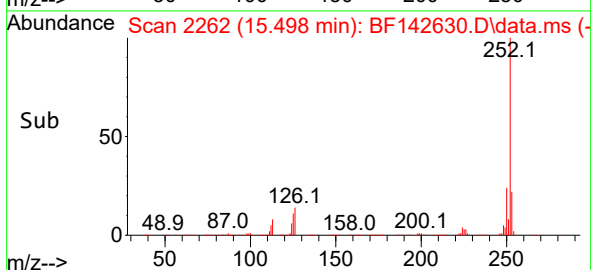
Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

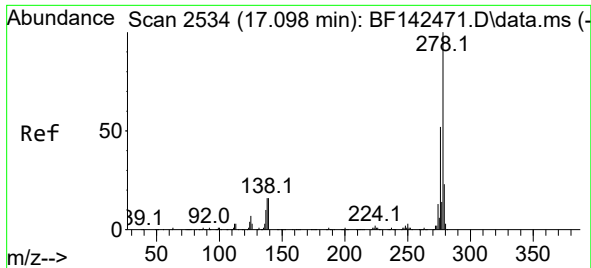


#90
Benzo(a)pyrene
Concen: 46.042 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07



Tgt Ion:252 Resp: 704890
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.8 7.9 11.9





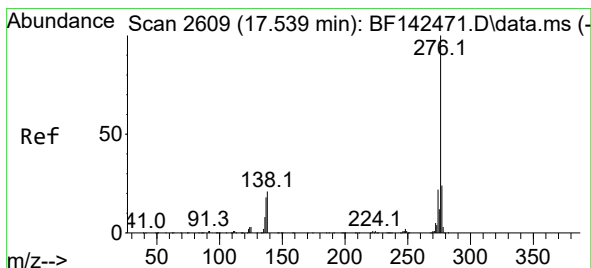
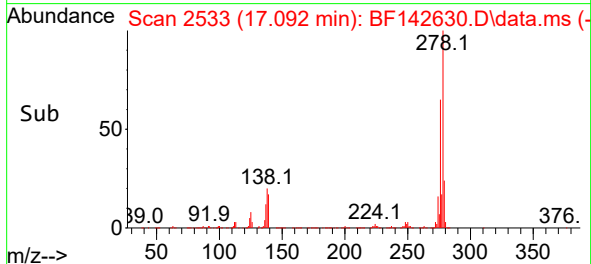
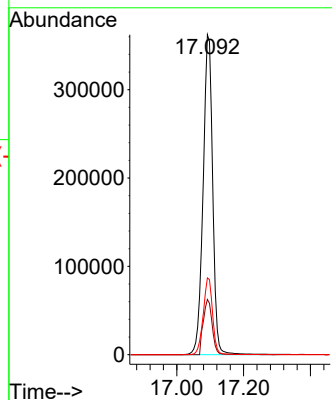
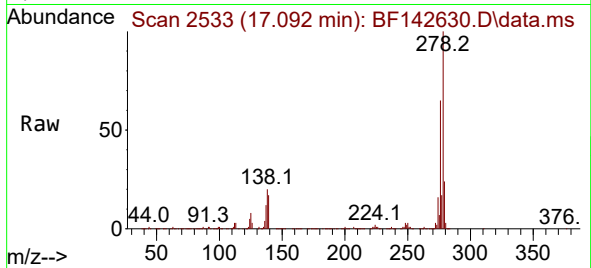
#91
Dibenzo(a,h)anthracene
Concen: 43.212 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Instrument :
BNA_F
ClientSampleId :
COMP-13MSD

Tgt Ion:278 Resp: 72205
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025



#92
Benzo(g,h,i)perylene
Concen: 42.677 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142630.D
Acq: 05 Jun 2025 13:07

Tgt Ion:276 Resp: 713255
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.9 16.8 25.2

