

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142416.D
 Acq On : 16 May 2025 09:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:03:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	162723	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	631476	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	337294	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	570778	20.000	ng	0.00
76) Chrysene-d12	14.068	240	303020	20.000	ng	0.00
86) Perylene-d12	15.562	264	328347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	800894	84.019	ng	0.00
7) Phenol-d6	6.528	99	964001	82.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	933852	90.190	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	311607	95.687	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1850807	78.241	ng	0.00
79) Terphenyl-d14	13.016	244	1712670	83.656	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	167228	38.958	ng	98
3) Pyridine	3.451	79	433306	42.995	ng	97
4) n-Nitrosodimethylamine	3.410	42	226458	38.662	ng	96
6) Aniline	6.569	93	651505	56.655	ng	99
8) 2-Chlorophenol	6.687	128	435332	42.737	ng	98
9) Benzaldehyde	6.457	77	268654	39.152	ng	98
10) Phenol	6.545	94	543308	43.718	ng	95
11) bis(2-Chloroethyl)ether	6.640	93	402254	32.823	ng	97
12) 1,3-Dichlorobenzene	6.845	146	479225	41.122	ng	98
13) 1,4-Dichlorobenzene	6.922	146	485871	41.525	ng	99
14) 1,2-Dichlorobenzene	7.075	146	462973	41.222	ng	100
15) Benzyl Alcohol	7.045	79	354637	46.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	689494	37.675	ng	99
17) 2-Methylphenol	7.151	107	343026	41.595	ng	99
18) Hexachloroethane	7.422	117	166147	42.677	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	289680	39.945	ng	98
20) 3+4-Methylphenols	7.304	107	423880	41.184	ng	98
22) Acetophenone	7.316	105	554950	39.525	ng	99
24) Nitrobenzene	7.487	77	430088	44.065	ng	98
25) Isophorone	7.728	82	791472	40.366	ng	100
26) 2-Nitrophenol	7.804	139	233915	49.575	ng	98
27) 2,4-Dimethylphenol	7.839	122	406161	41.201	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	494120	39.192	ng	100
29) 2,4-Dichlorophenol	8.045	162	367177	43.810	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	395686	41.951	ng	99
31) Naphthalene	8.210	128	1242399	40.595	ng	100
32) Benzoic acid	7.945	122	260687	48.994	ng	99
33) 4-Chloroaniline	8.257	127	508757m	40.739	ng	
34) Hexachlorobutadiene	8.328	225	237031	42.439	ng	100
35) Caprolactam	8.628	113	113639	46.524	ng	90
36) 4-Chloro-3-methylphenol	8.734	107	368220	42.265	ng	100
37) 2-Methylnaphthalene	8.898	142	768002	40.384	ng	98
38) 1-Methylnaphthalene	8.998	142	794187	40.068	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	391966	41.609	ng	99
41) Hexachlorocyclopentadiene	9.051	237	268786	46.168	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	268152	45.128	ng	100

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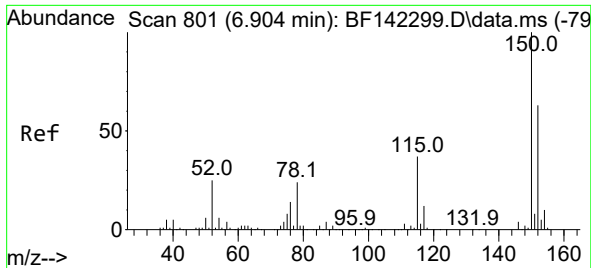
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	285134	45.099	ng	98
46) 1,1'-Biphenyl	9.363	154	1036263	40.069	ng	99
47) 2-Chloronaphthalene	9.392	162	774298	40.259	ng	99
48) 2-Nitroaniline	9.481	65	237183	48.113	ng	95
49) Acenaphthylene	9.804	152	1294254	40.227	ng	100
50) Dimethylphthalate	9.663	163	887169	40.962	ng	100
51) 2,6-Dinitrotoluene	9.728	165	198007	48.841	ng	87
52) Acenaphthene	9.980	154	797863	41.243	ng	99
53) 3-Nitroaniline	9.892	138	229060	48.176	ng	94
54) 2,4-Dinitrophenol	9.998	184	109701	54.430	ng #	1
55) Dibenzofuran	10.151	168	1145993	40.139	ng	100
56) 4-Nitrophenol	10.045	139	170351	47.604	ng	98
57) 2,4-Dinitrotoluene	10.128	165	266504	51.248	ng	93
58) Fluorene	10.492	166	880942	40.431	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	235417	45.106	ng	99
60) Diethylphthalate	10.363	149	872157	40.323	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	433713	41.259	ng	100
62) 4-Nitroaniline	10.504	138	194748	51.679	ng	99
63) Azobenzene	10.645	77	800406	38.726	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	143196	52.948	ng	96
66) n-Nitrosodiphenylamine	10.604	169	778512	40.989	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	274725	42.469	ng	96
68) Hexachlorobenzene	11.039	284	302260	42.479	ng	96
69) Atrazine	11.127	200	222826	44.506	ng	99
70) Pentachlorophenol	11.233	266	185414	49.532	ng	97
71) Phenanthrene	11.457	178	1200234	40.116	ng	100
72) Anthracene	11.504	178	1234268	40.150	ng	100
73) Carbazole	11.657	167	1106838	40.132	ng	100
74) Di-n-butylphthalate	11.986	149	1219634	42.054	ng	100
75) Fluoranthene	12.645	202	1164128	38.924	ng	98
77) Benzidine	12.763	184	384903	69.897	ng	98
78) Pyrene	12.874	202	1151373	42.688	ng	99
80) Butylbenzylphthalate	13.486	149	342957	43.908	ng	99
81) Benzo(a)anthracene	14.057	228	839758	42.793	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	263327	57.703	ng	98
83) Chrysene	14.098	228	728623	39.884	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	467767	45.843	ng	100
85) Di-n-octyl phthalate	14.663	149	868754	47.169	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	986914	43.208	ng	98
88) Benzo(b)fluoranthene	15.121	252	843448	42.413	ng	99
89) Benzo(k)fluoranthene	15.151	252	675230	37.103	ng	100
90) Benzo(a)pyrene	15.498	252	755410	42.390	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	809037	42.874	ng	98
92) Benzo(g,h,i)perylene	17.533	276	793782	42.383	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

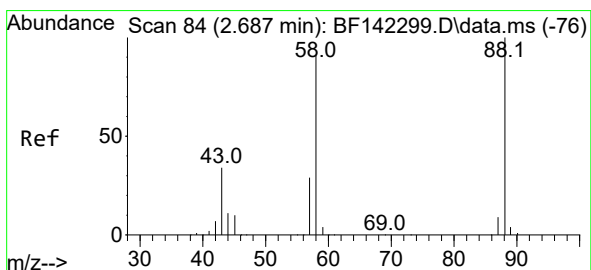
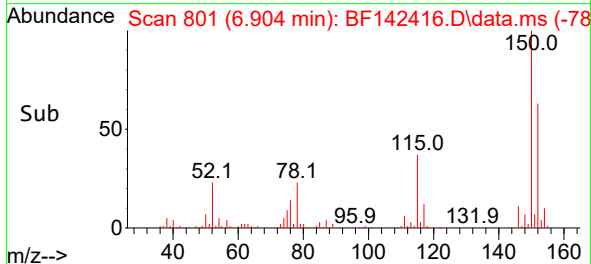
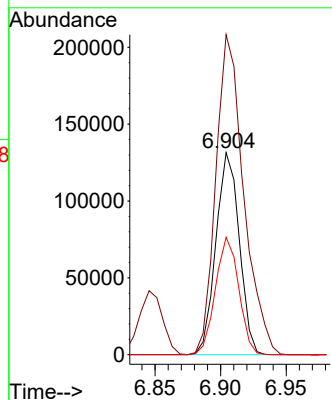
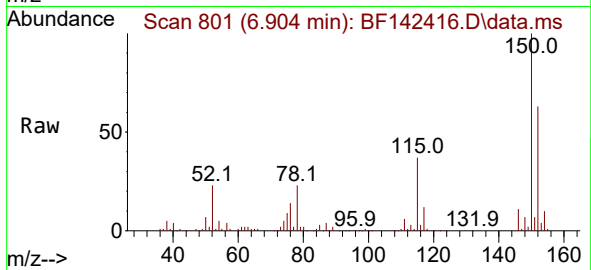
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Tgt Ion:152 Resp: 162728
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.6 190.0
 115 58.1 47.3 70.9

Manual Integrations

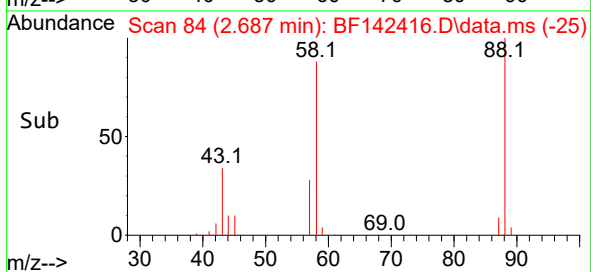
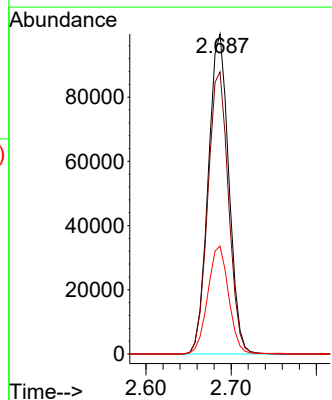
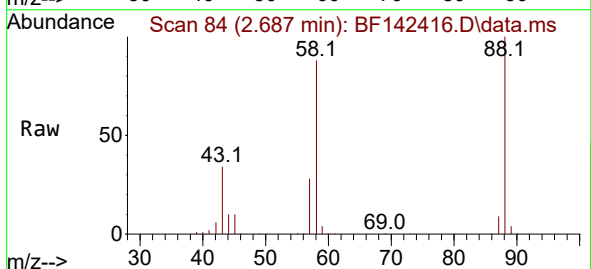
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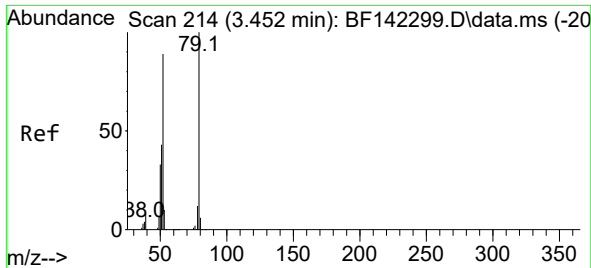
Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025



#2
 1,4-Dioxane
 Concen: 38.958 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45

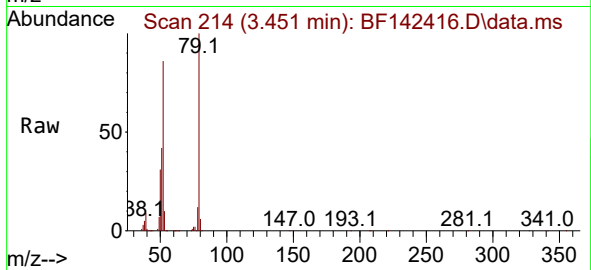
Tgt Ion: 88 Resp: 167228
 Ion Ratio Lower Upper
 88 100
 58 88.8 73.0 109.4
 43 34.2 27.8 41.6





#3
Pyridine
Concen: 42.995 ng
RT: 3.451 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

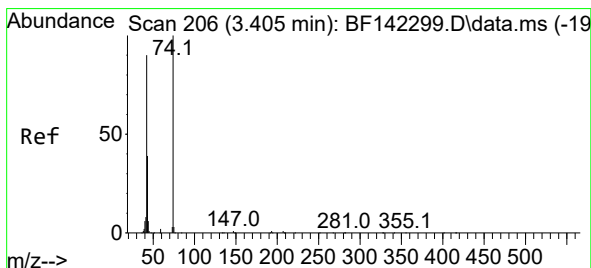
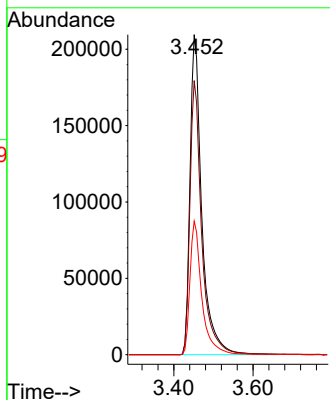
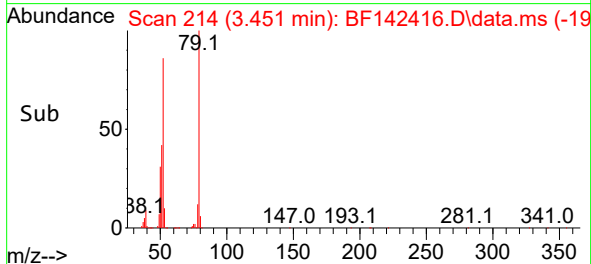
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



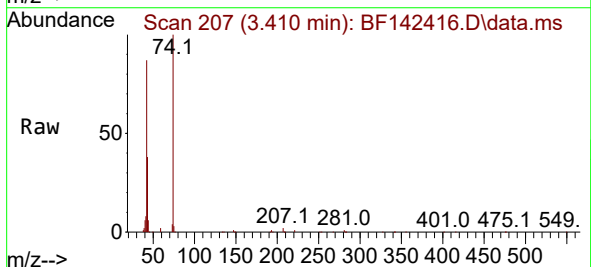
Tgt Ion: 79 Resp: 433300
Ion Ratio Lower Upper
79 100
52 85.7 71.0 106.4
51 41.8 34.9 52.3

Manual Integrations
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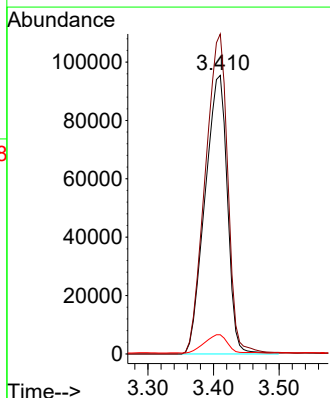
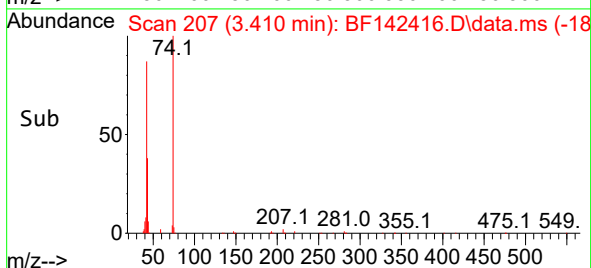
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

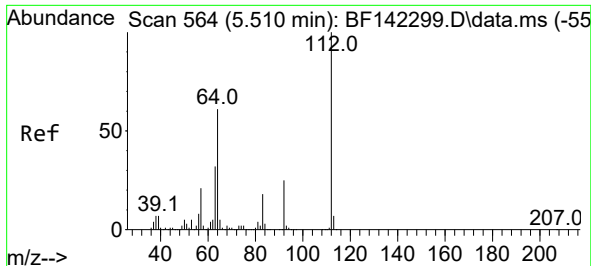


#4
n-Nitrosodimethylamine
Concen: 38.662 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion: 42 Resp: 226458
Ion Ratio Lower Upper
42 100
74 114.9 88.5 132.7
44 6.9 5.8 8.8





#5
2-Fluorophenol
Concen: 84.019 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

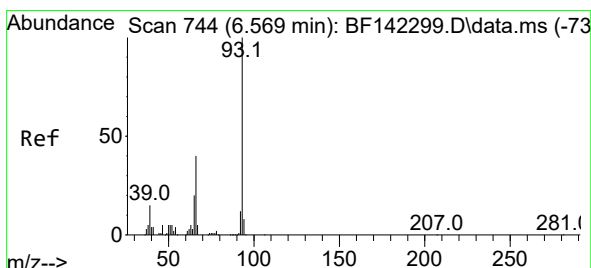
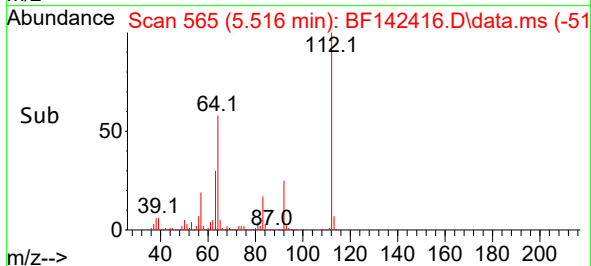
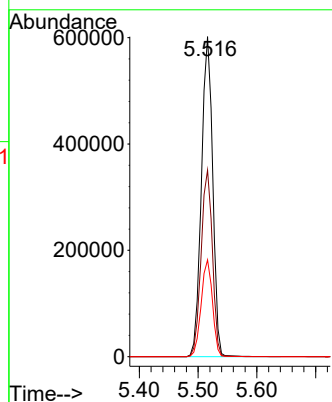
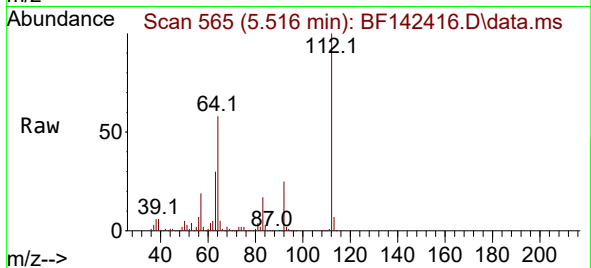
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Tgt Ion:112 Resp: 800894
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.2 25.6 38.4

Manual Integrations

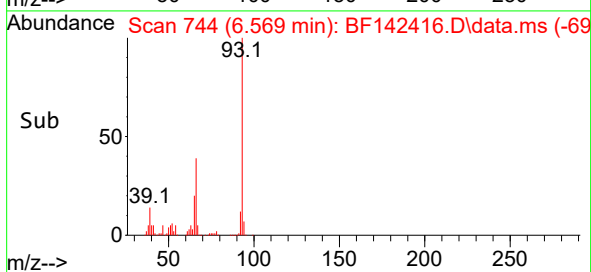
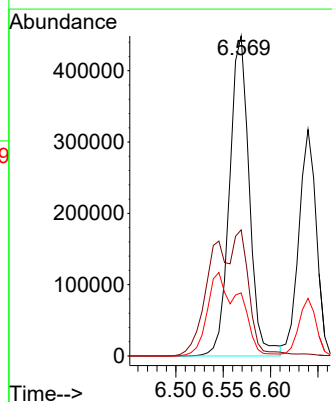
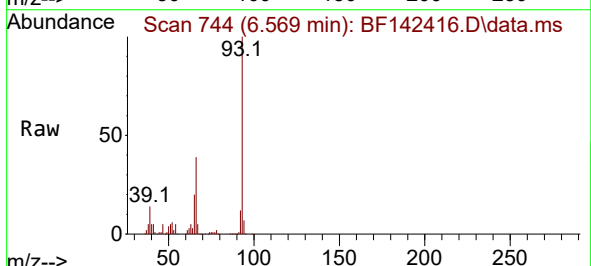
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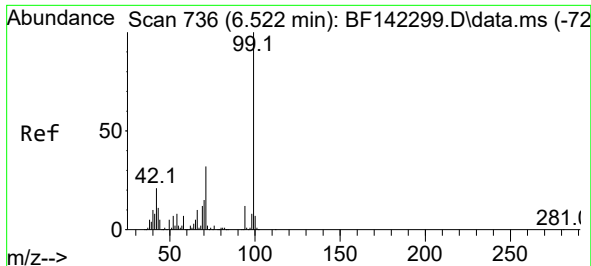
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#6
Aniline
Concen: 56.655 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

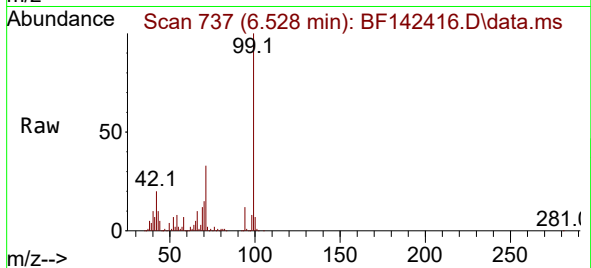
Tgt Ion: 93 Resp: 651505
Ion Ratio Lower Upper
93 100
66 39.4 32.2 48.4
65 19.7 16.3 24.5





#7
Phenol-d6
Concen: 82.225 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

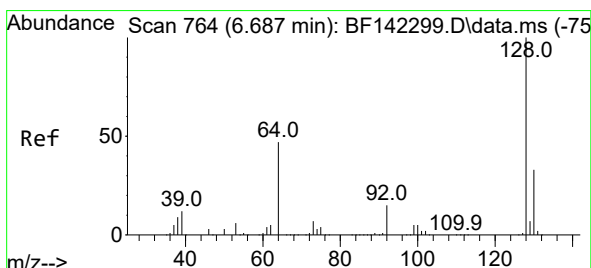
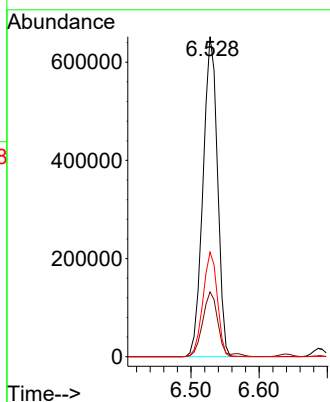
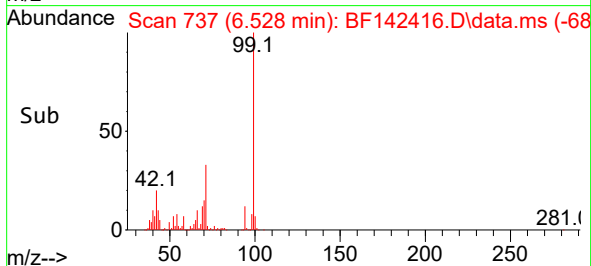
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BNA_F
ClientSampleId :
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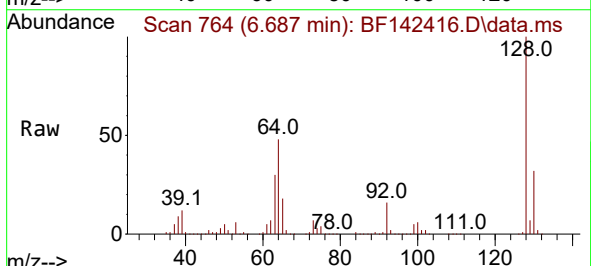
Tgt Ion: 99 Resp: 96400
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.7 25.8 38.8

Manual Integrations
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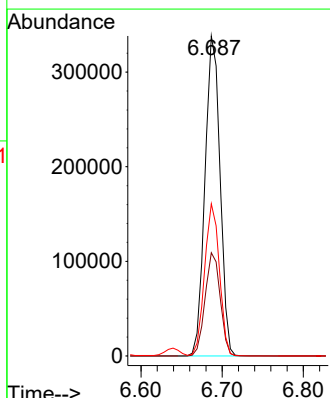
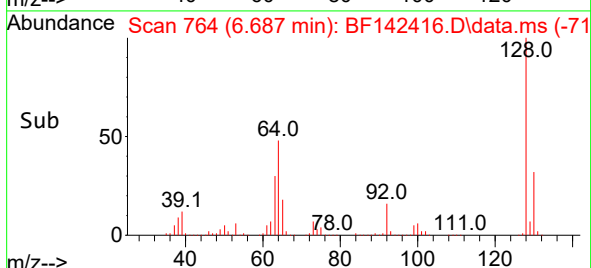
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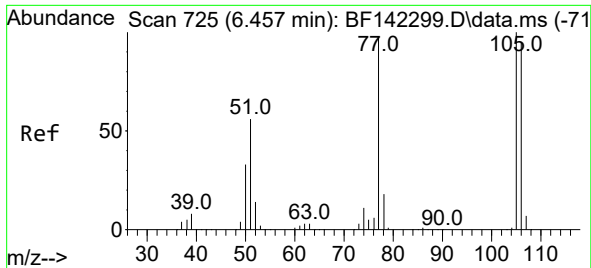


#8
2-Chlorophenol
Concen: 42.737 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



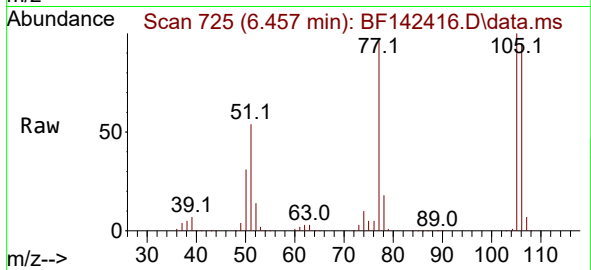
Tgt Ion:128 Resp: 435332
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 47.5 29.2 69.2





#9
Benzaldehyde
Concen: 39.152 ng
RT: 6.457 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

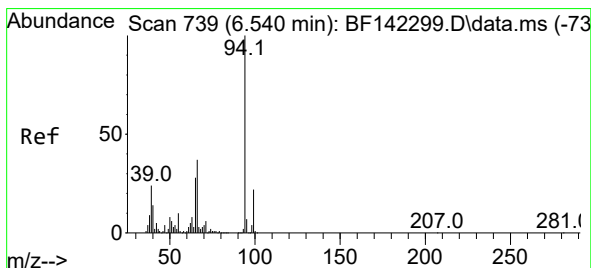
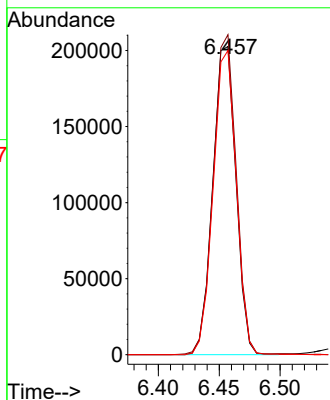
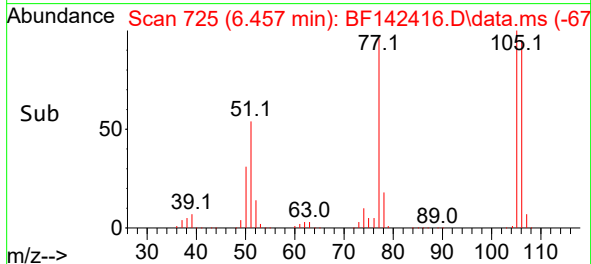
Instrument :
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SSTDCCC040



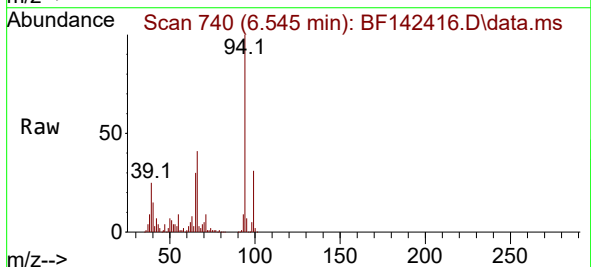
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Ion Ratio Lower Upper
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105 103.9 82.0 122.0
106 98.7 77.2 117.2

Manual Integrations
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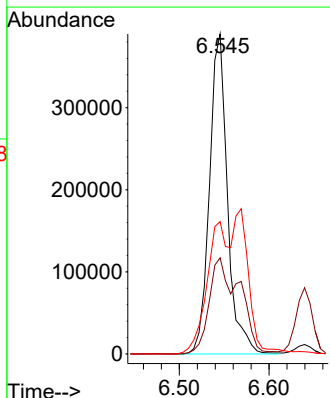
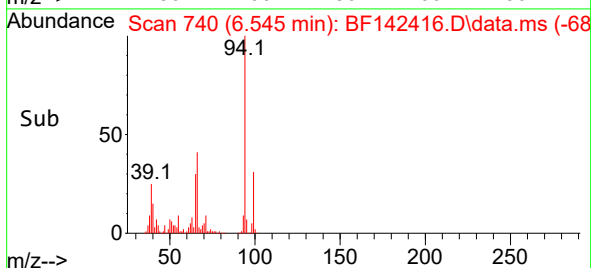
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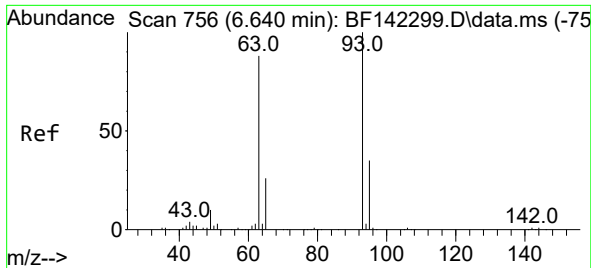


#10
Phenol
Concen: 43.718 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



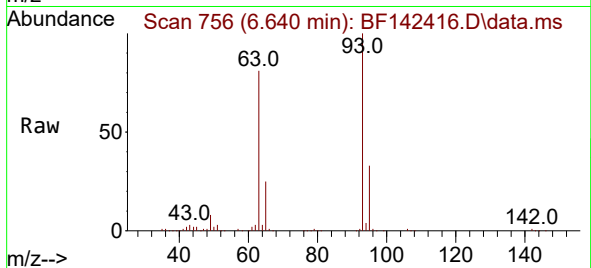
Tgt Ion: 94 Resp: 543308
Ion Ratio Lower Upper
94 100
65 30.1 8.5 48.5
66 41.4 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 32.823 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

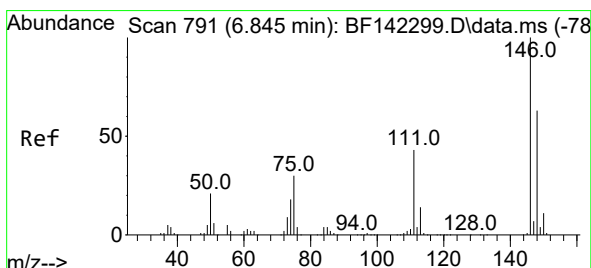
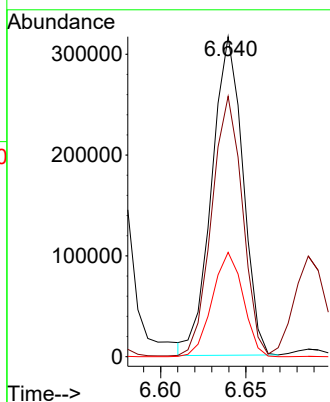
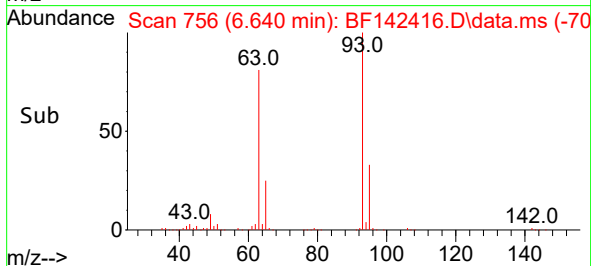
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



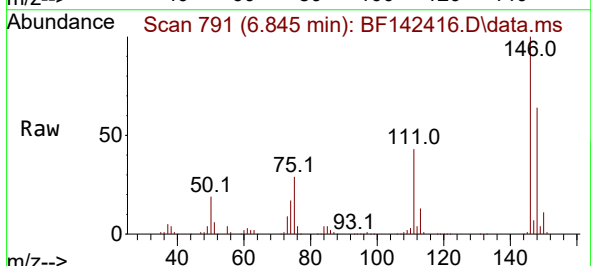
Tgt Ion: 93 Resp: 402254
Ion Ratio Lower Upper
93 100
63 81.4 58.4 98.4
95 32.6 10.6 50.6

Manual Integrations
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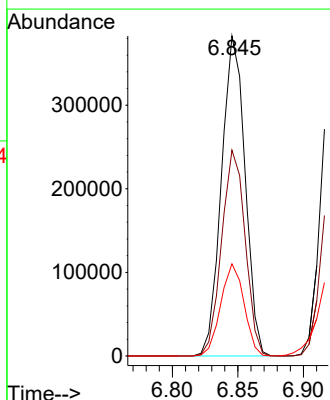
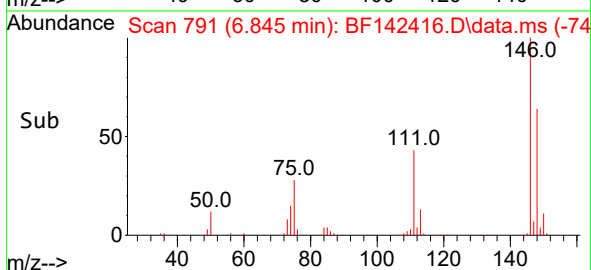
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

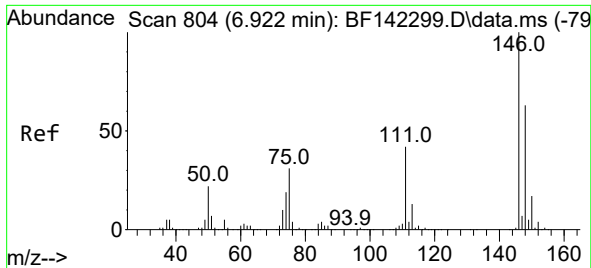


#12
1,3-Dichlorobenzene
Concen: 41.122 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:146 Resp: 479225
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
75 28.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.525 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 48587

Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

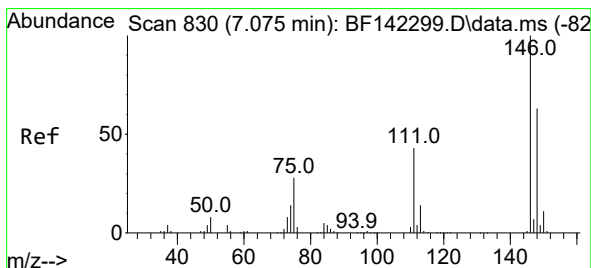
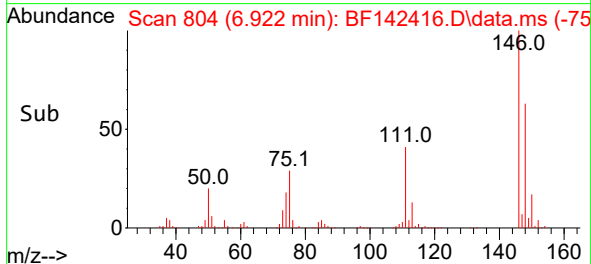
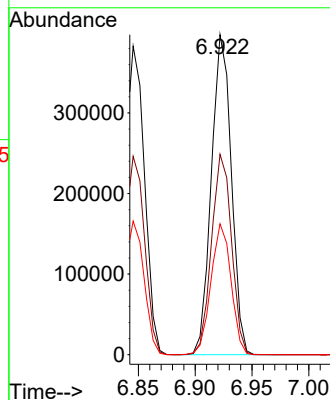
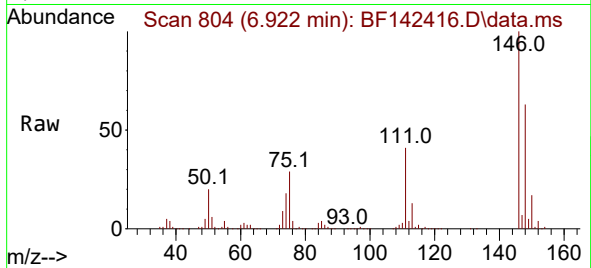
111 40.9 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#14

1,2-Dichlorobenzene

Concen: 41.222 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

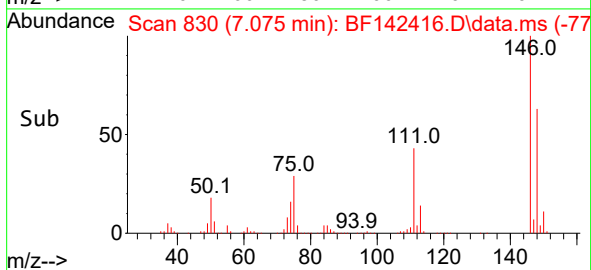
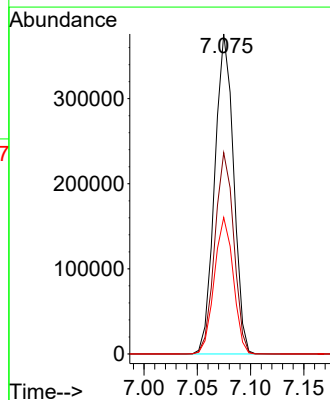
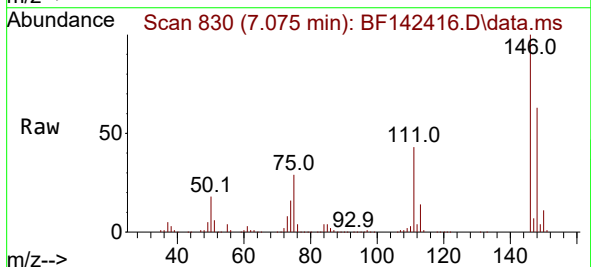
Tgt Ion:146 Resp: 462973

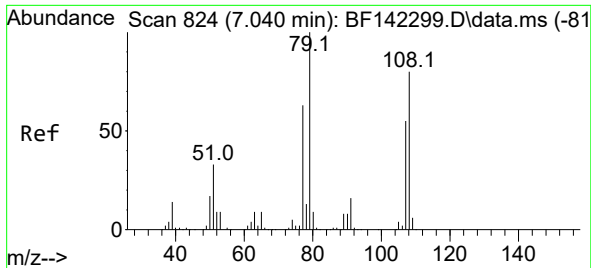
Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

111 42.7 34.5 51.7





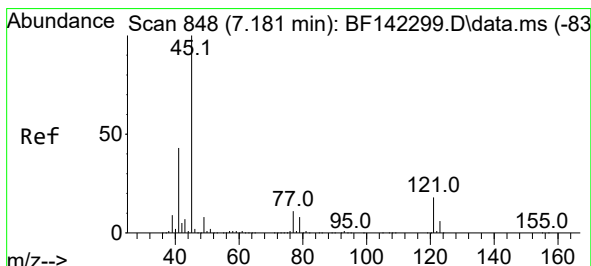
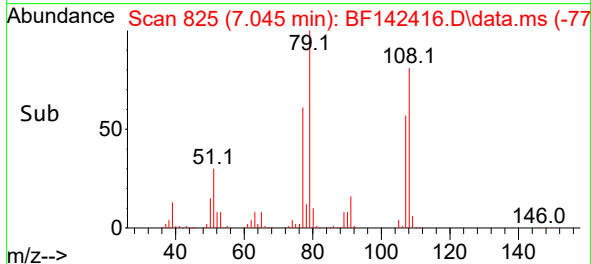
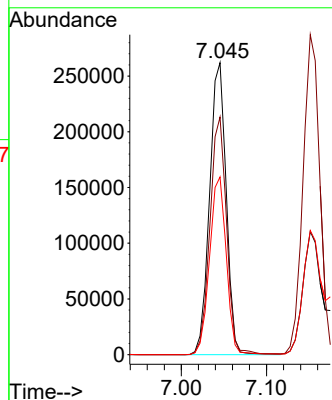
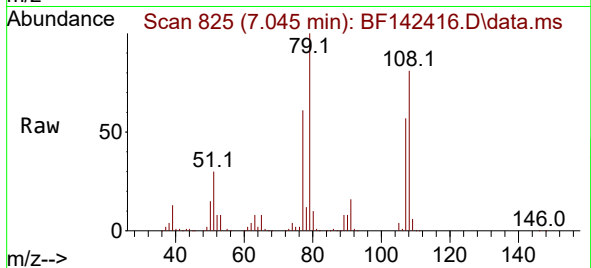
#15
Benzyl Alcohol
Concen: 46.714 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 35463
Ion Ratio Lower Upper
79 100
108 81.3 63.9 95.9
77 60.9 50.7 76.1

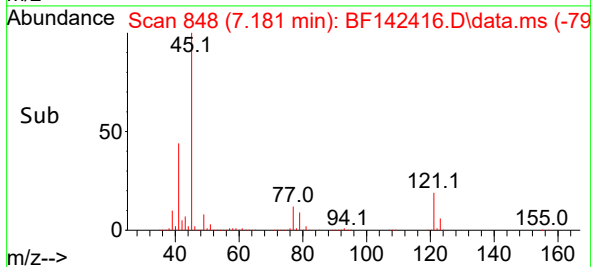
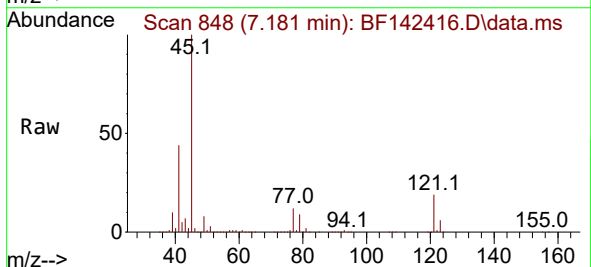
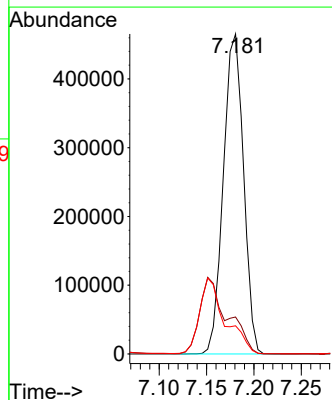
Manual Integrations
APPROVED

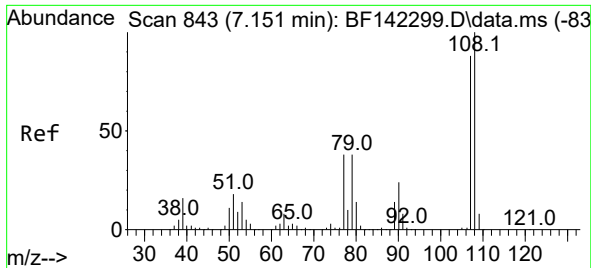
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.675 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

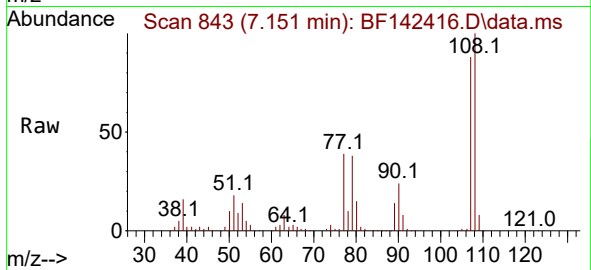
Tgt Ion: 45 Resp: 689494
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 8.8 0.0 28.5





#17
2-Methylphenol
Concen: 41.595 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

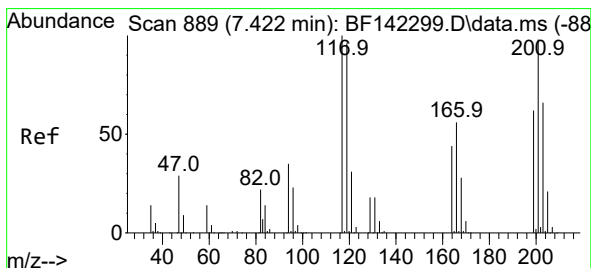
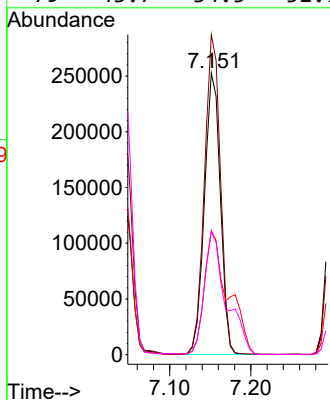
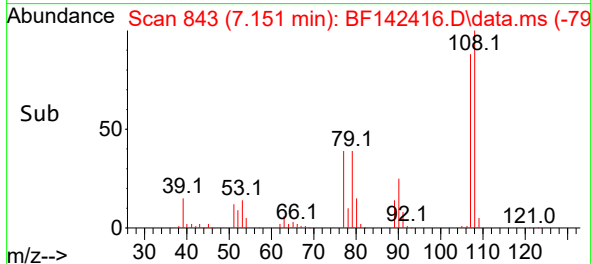
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



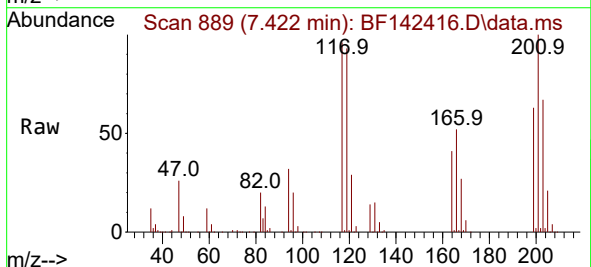
Tgt Ion:107 Resp: 343020
Ion Ratio Lower Upper
107 100
108 113.6 91.1 136.7
77 44.1 34.7 52.1
79 43.7 34.5 51.7

Manual Integrations
APPROVED

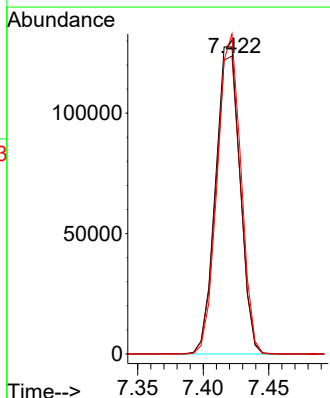
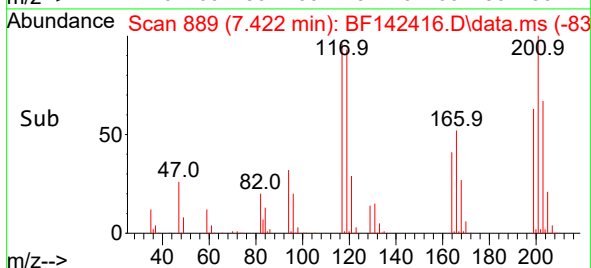
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

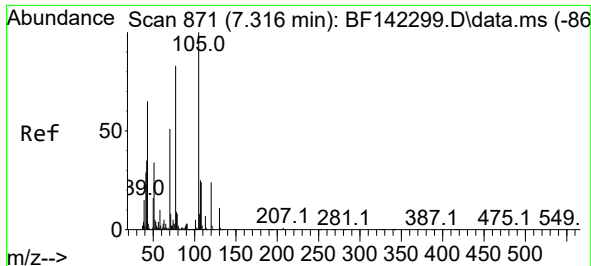


#18
Hexachloroethane
Concen: 42.677 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:117 Resp: 166147
Ion Ratio Lower Upper
117 100
119 97.0 76.9 115.3
201 104.2 78.0 117.0





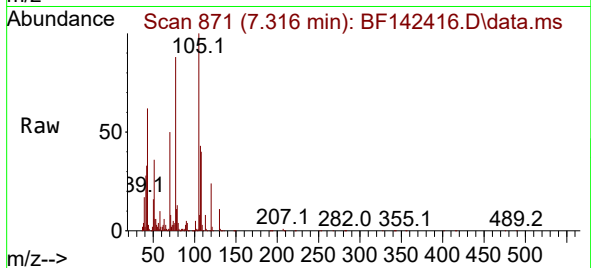
#19
n-Nitroso-di-n-propylamine
Concen: 39.945 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



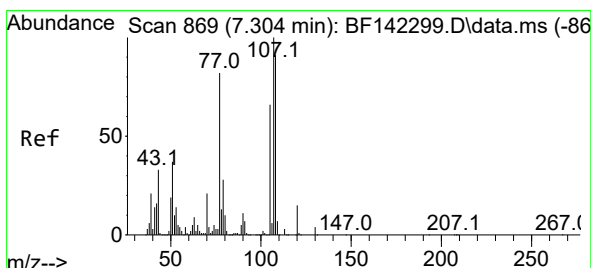
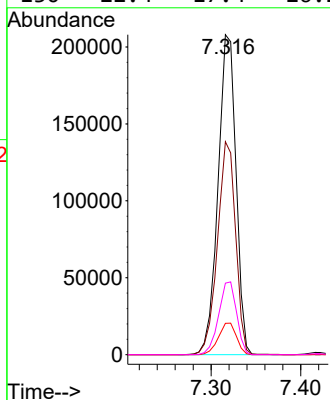
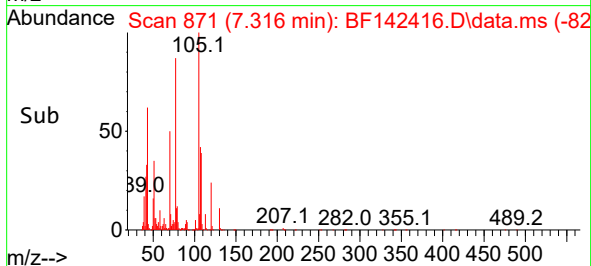
Tgt Ion: 70 Resp: 289680
Ion Ratio Lower Upper
70 100
42 66.6 54.8 82.2
101 9.8 7.7 11.5
130 22.4 17.4 26.2

Manual Integrations

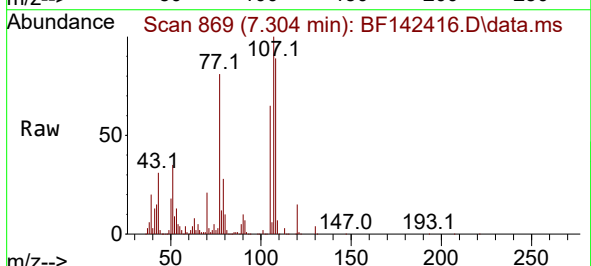
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

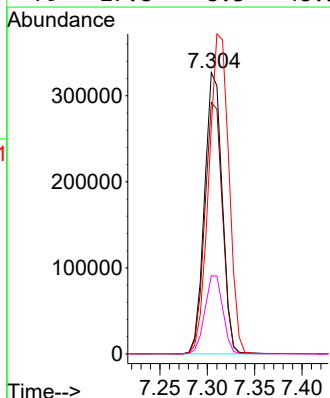
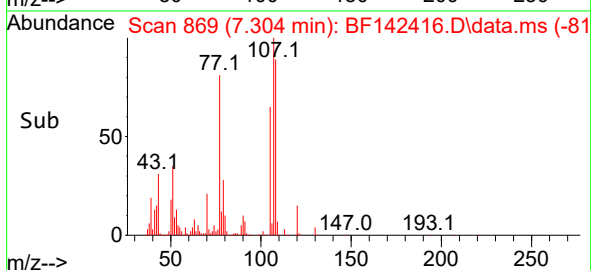
Supervised By :Jagrut Upadhyay 05/19/2025

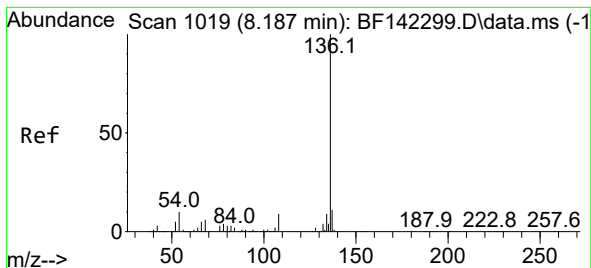


#20
3+4-Methylphenols
Concen: 41.184 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:107 Resp: 423880
Ion Ratio Lower Upper
107 100
108 89.3 71.5 111.5
77 80.8 61.6 101.6
79 27.8 8.3 48.3





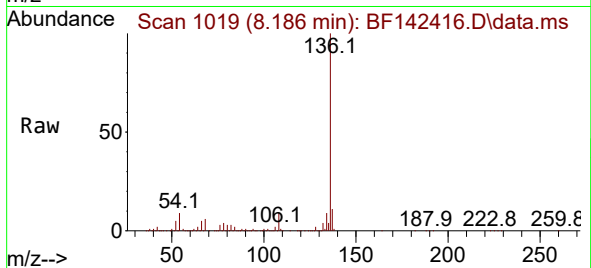
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



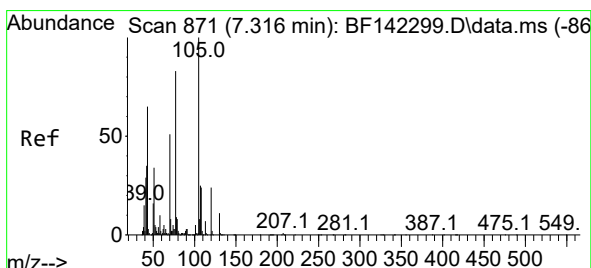
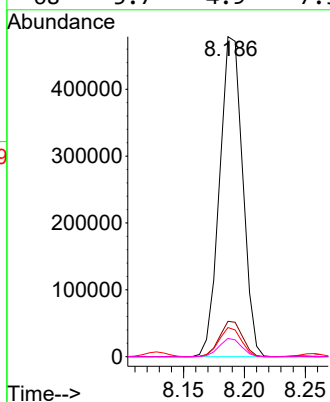
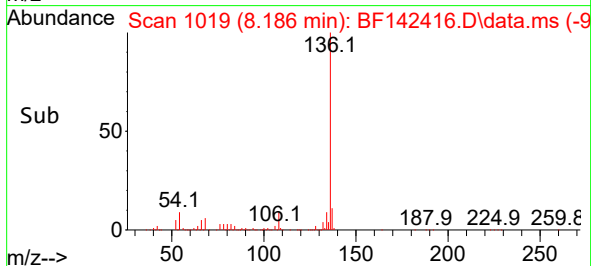
Tgt Ion:	136	Resp:	631470
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.1	7.7	11.5
68	5.7	4.9	7.3

Manual Integrations

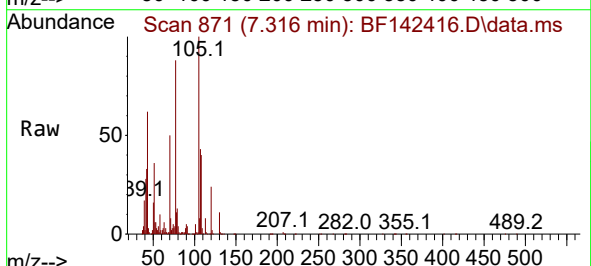
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

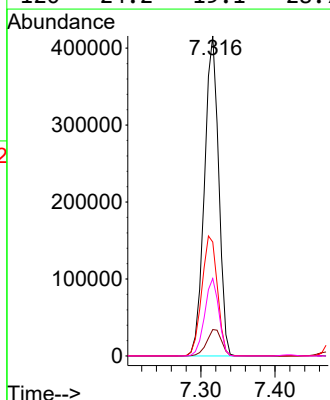
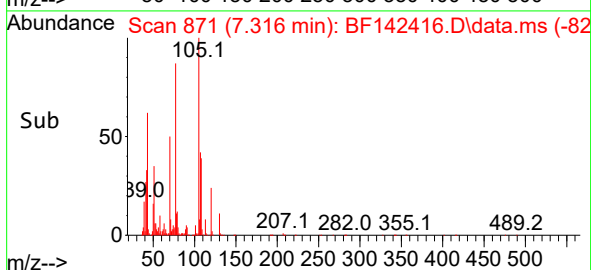
Supervised By :Jagrut Upadhyay 05/19/2025

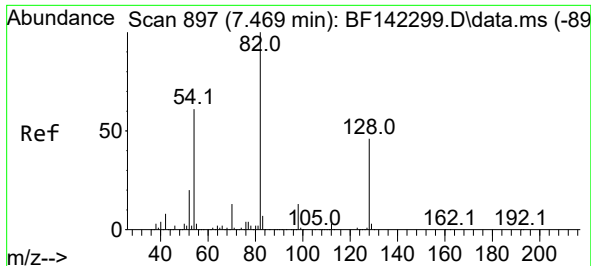


#22
Acetophenone
Concen: 39.525 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:	105	Resp:	554950
Ion Ratio	Lower	Upper	
105	100		
71	8.3	6.7	10.1
51	35.6	27.6	41.4
120	24.2	19.1	28.7





#23

Nitrobenzene-d5

Concen: 90.190 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

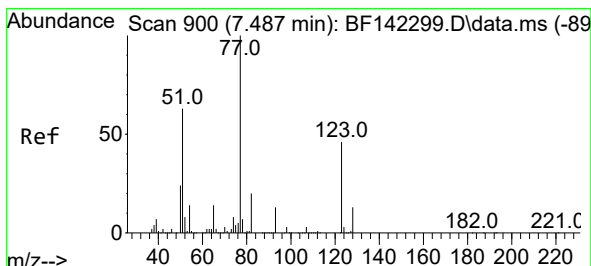
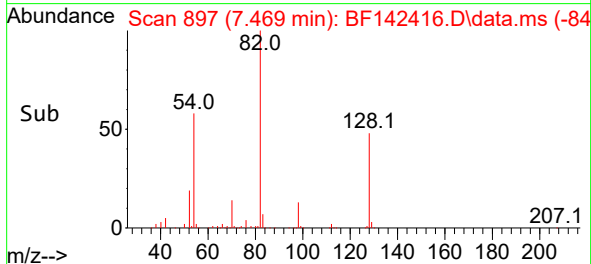
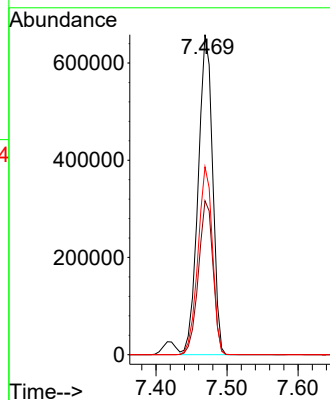
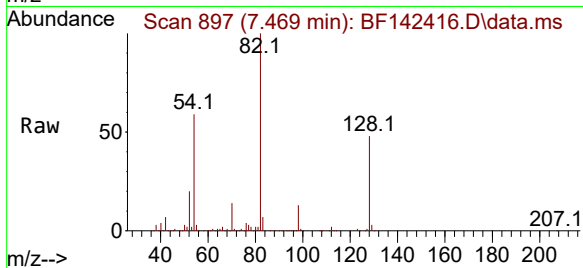
Tgt Ion: 82 Resp: 933852
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.0 55.6
 54 58.7 48.6 73.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#24

Nitrobenzene

Concen: 44.065 ng

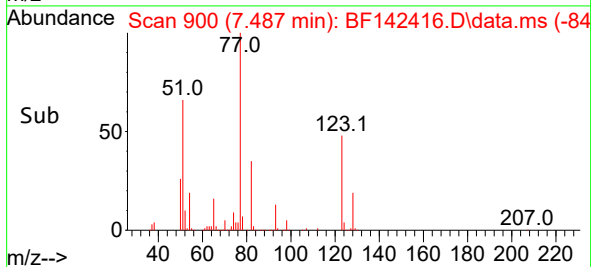
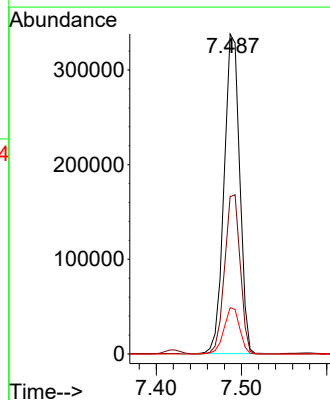
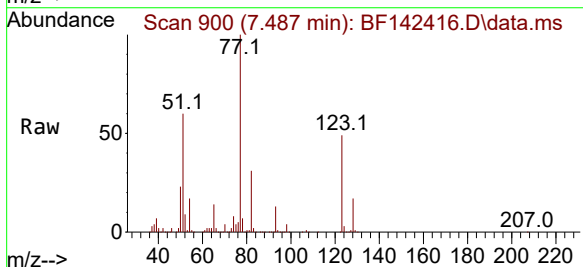
RT: 7.487 min Scan# 900

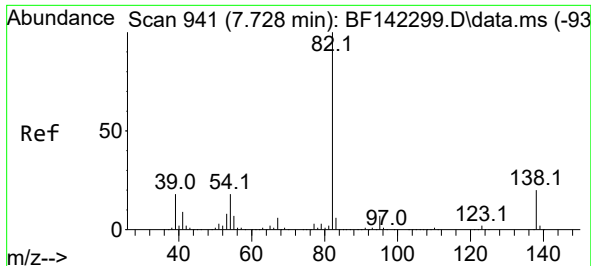
Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

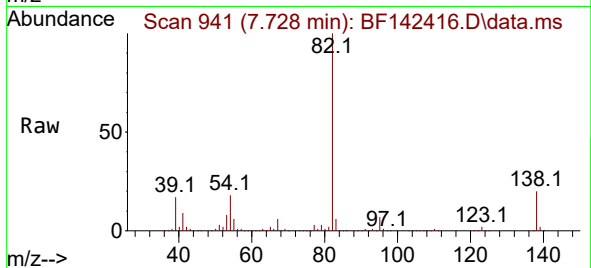
Tgt Ion: 77 Resp: 430088
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.8 56.8
 65 14.5 11.4 17.0





#25
Isophorone
Concen: 40.366 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

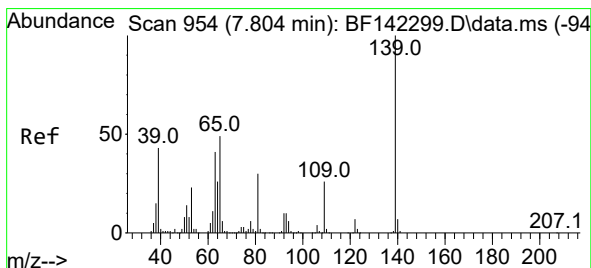
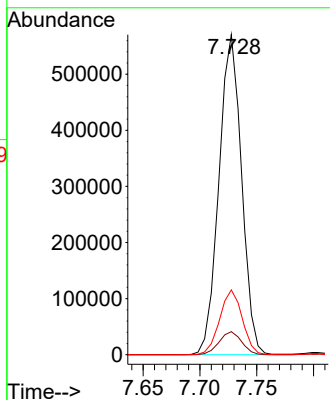
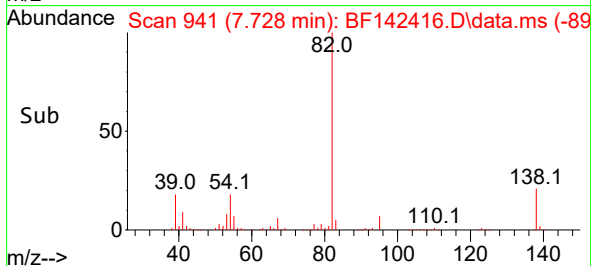
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



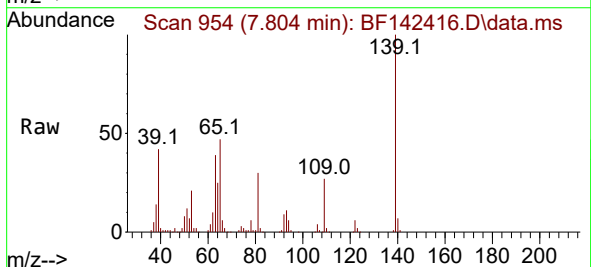
Tgt Ion: 82 Resp: 791472
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 20.2 16.1 24.1

Manual Integrations
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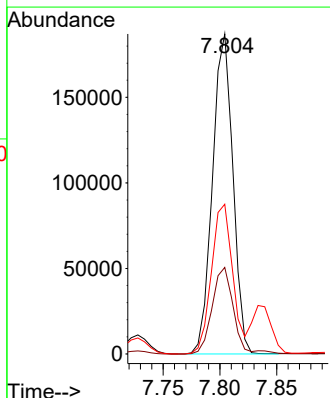
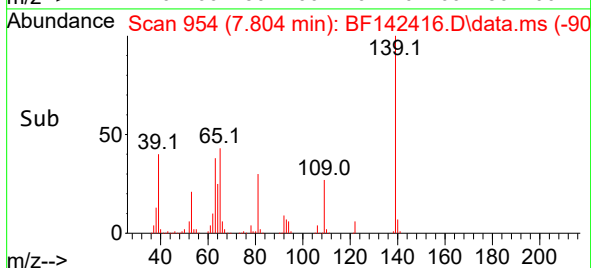
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

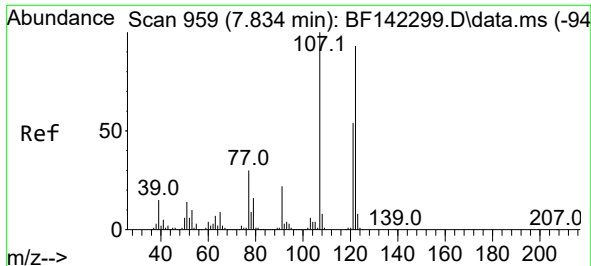


#26
2-Nitrophenol
Concen: 49.575 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:139 Resp: 233915
Ion Ratio Lower Upper
139 100
109 27.1 20.8 31.2
65 46.8 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 41.201 ng

RT: 7.839 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142416.D

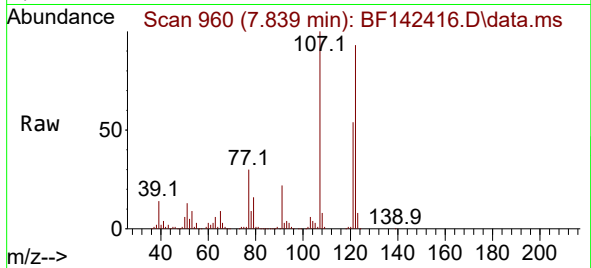
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 40616

Ion Ratio Lower Upper

122 100

107 107.8 86.0 129.0

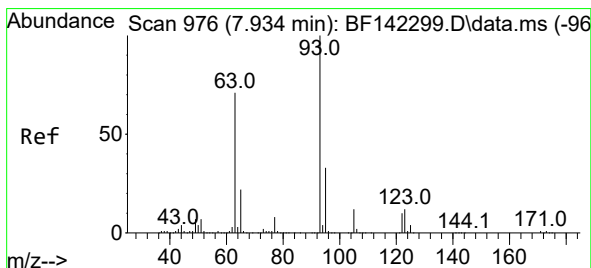
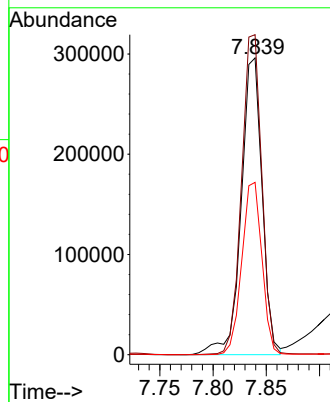
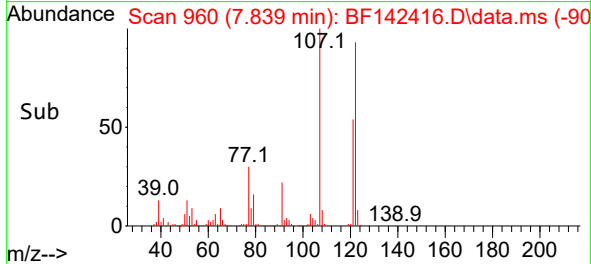
121 58.1 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.192 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

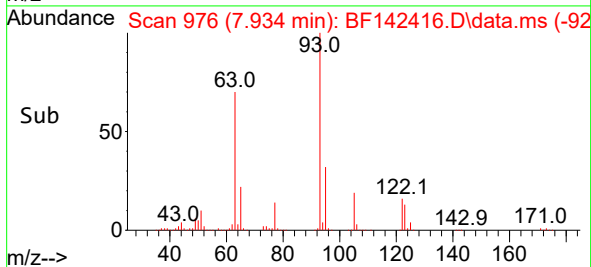
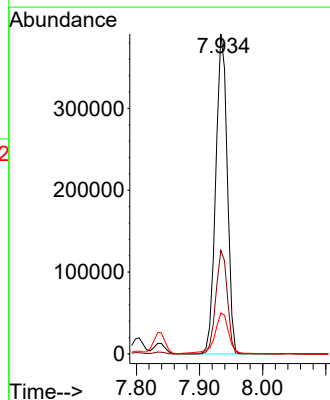
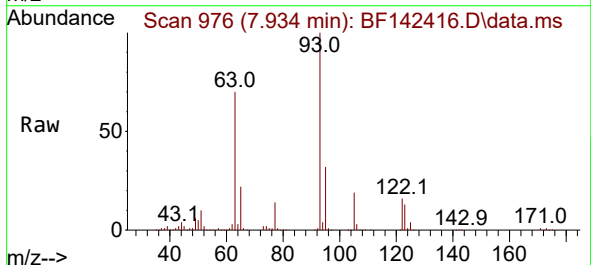
Tgt Ion: 93 Resp: 494120

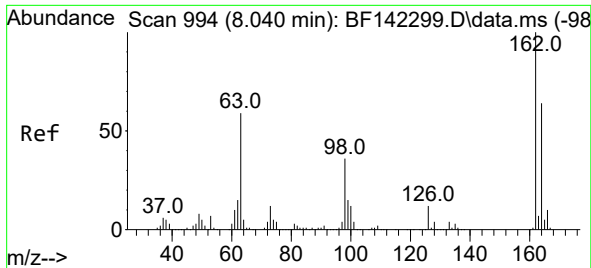
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.810 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

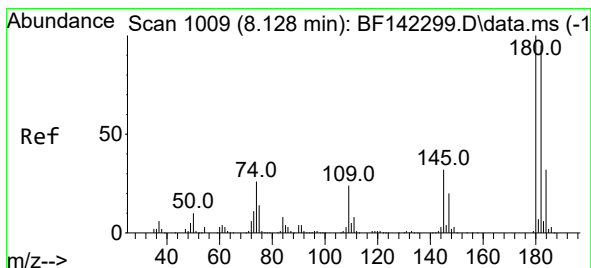
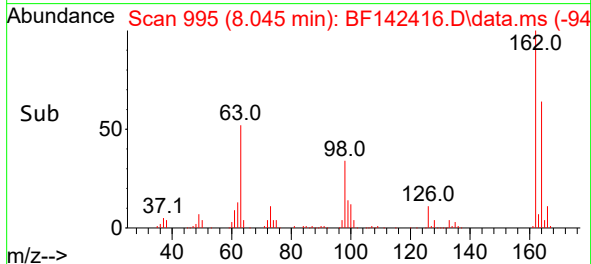
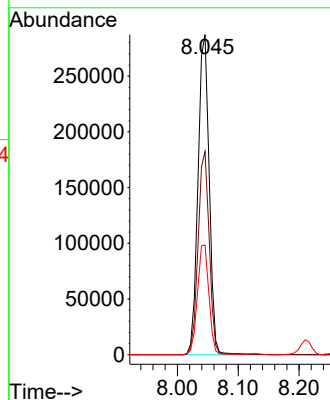
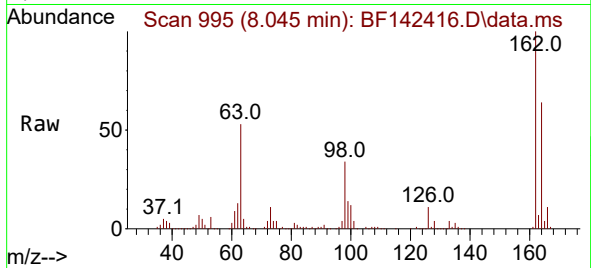
Tgt Ion:162 Resp: 36717
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.6 83.6
 98 34.3 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.951 ng

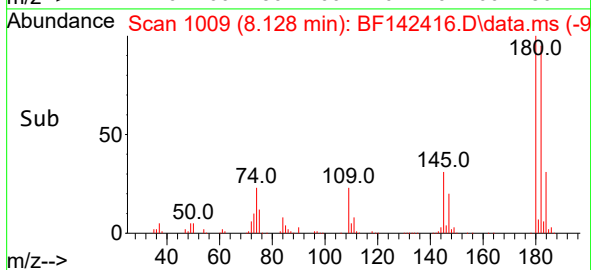
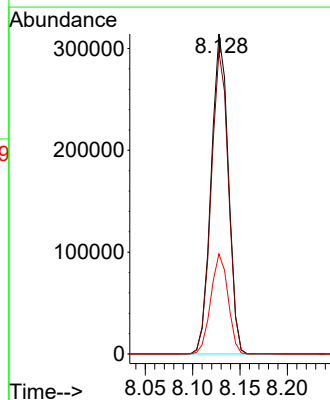
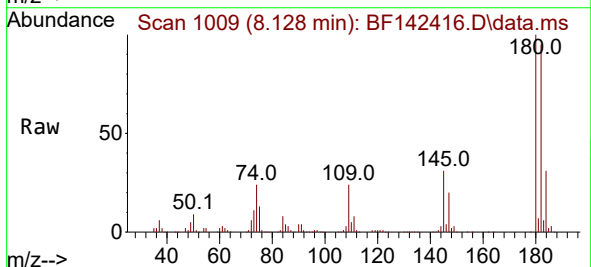
RT: 8.128 min Scan# 1009

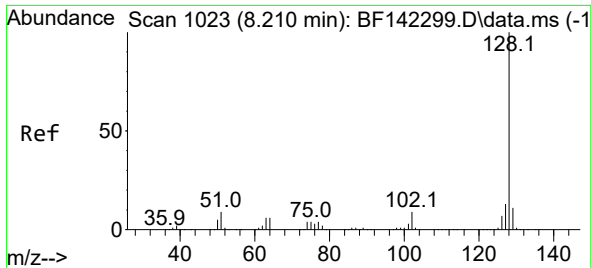
Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Tgt Ion:180 Resp: 395686
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.2 114.4
 145 31.2 25.8 38.6





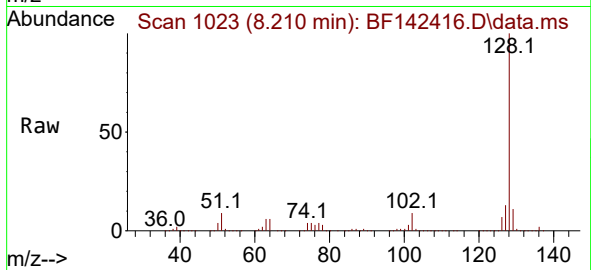
#31
Naphthalene
Concen: 40.595 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



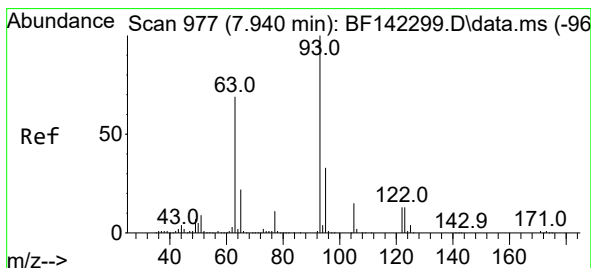
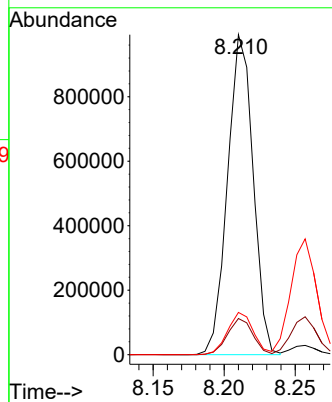
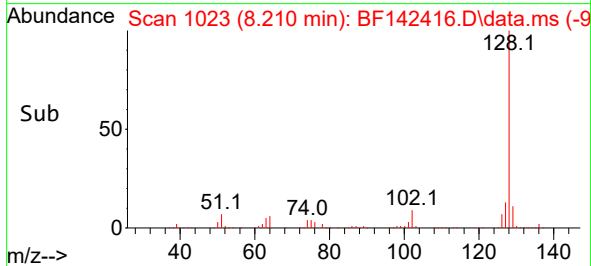
Tgt Ion:128 Resp: 1242395
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.5 15.7

Manual Integrations

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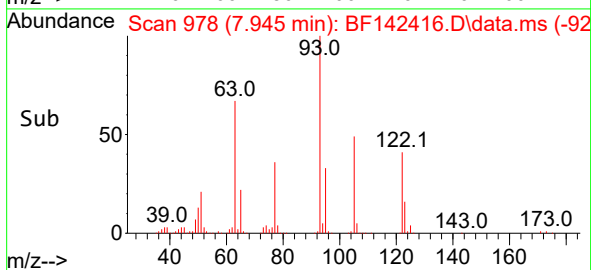
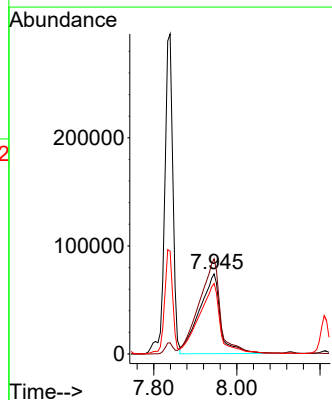
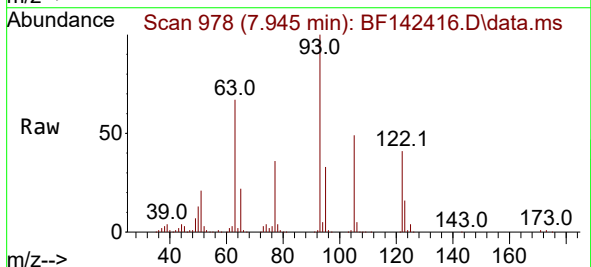
Reviewed By :Rahul Chavli 05/19/2025

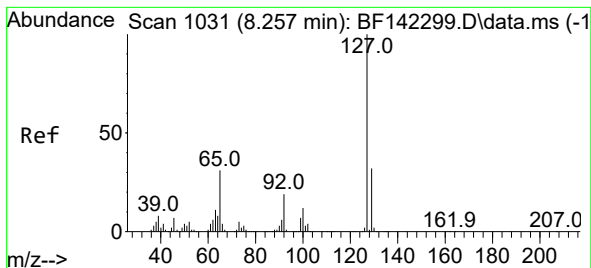
Supervised By :Jagrut Upadhyay 05/19/2025



#32
Benzoic acid
Concen: 48.994 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:122 Resp: 260687
Ion Ratio Lower Upper
122 100
105 118.8 97.9 137.9
77 88.0 67.7 107.7





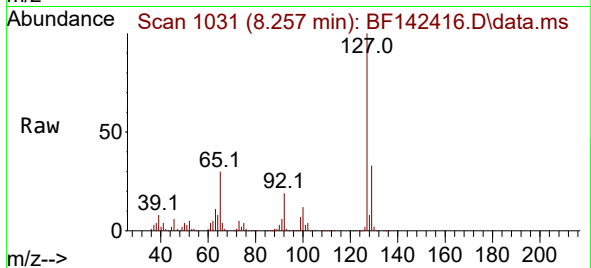
#33
4-Chloroaniline
Concen: 40.739 ng m
RT: 8.257 min Scan# 1031
Delta R.T. -0.010 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



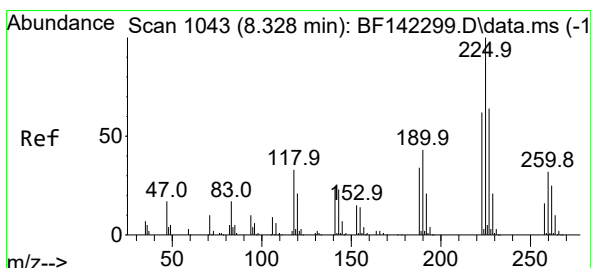
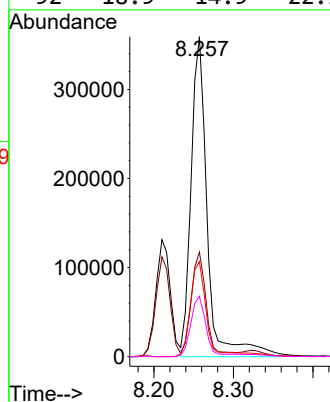
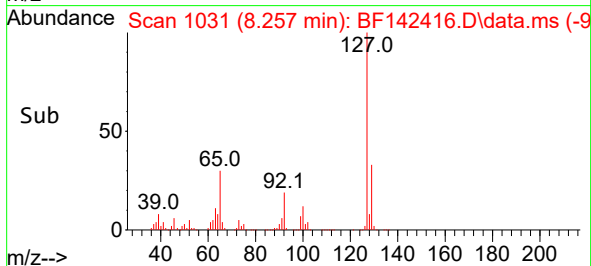
Tgt Ion:127 Resp: 50875
Ion Ratio Lower Upper
127 100
129 32.7 25.7 38.5
65 29.7 24.9 37.3
92 18.9 14.9 22.3

Manual Integrations

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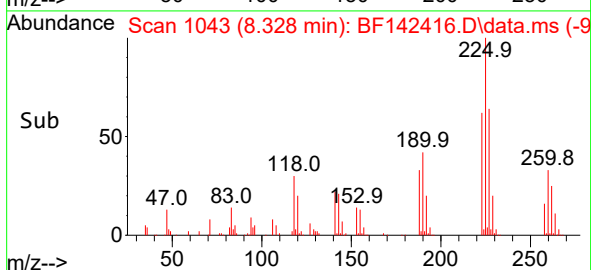
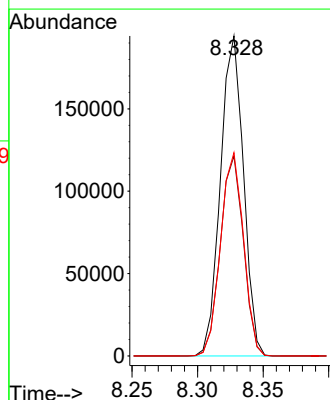
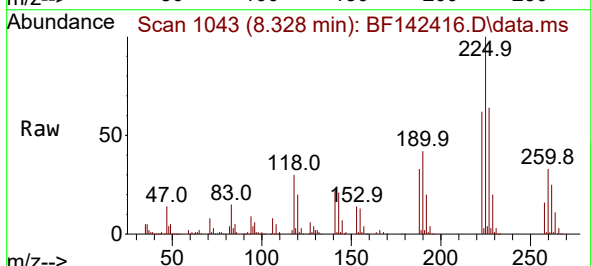
Reviewed By :Rahul Chavli 05/19/2025

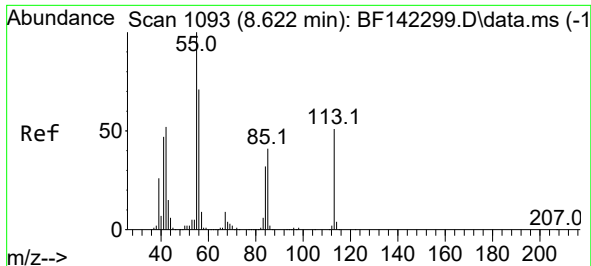
Supervised By :Jagrut Upadhyay 05/19/2025



#34
Hexachlorobutadiene
Concen: 42.439 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

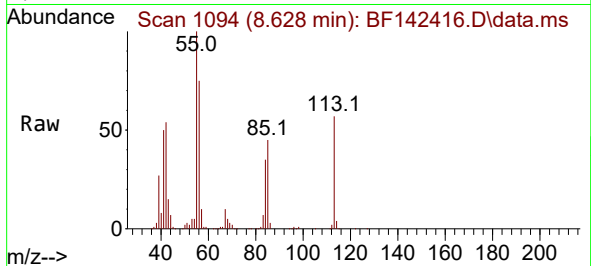
Tgt Ion:225 Resp: 237031
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.6
227 63.5 50.9 76.3





#35
Caprolactam
Concen: 46.524 ng
RT: 8.628 min Scan# 1093
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

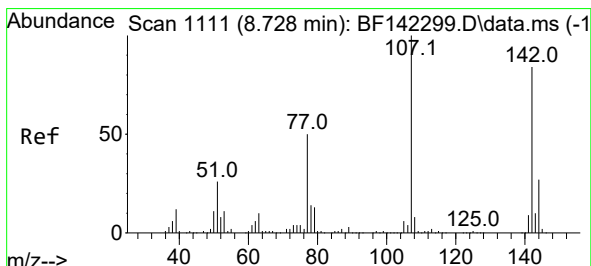
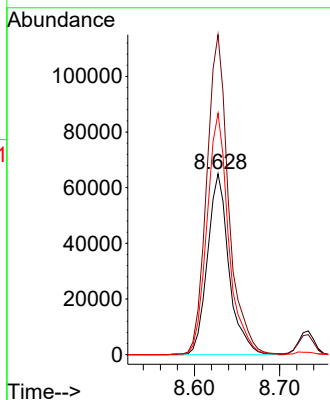
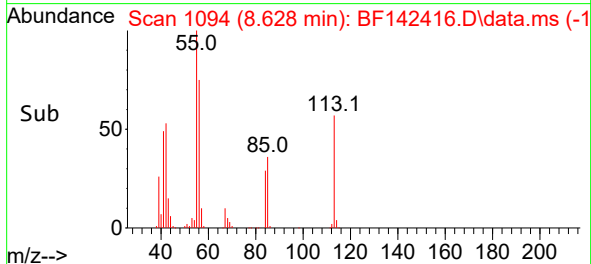
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 113639
Ion Ratio Lower Upper
113 100
55 176.9 176.4 216.4
56 133.5 120.3 160.3

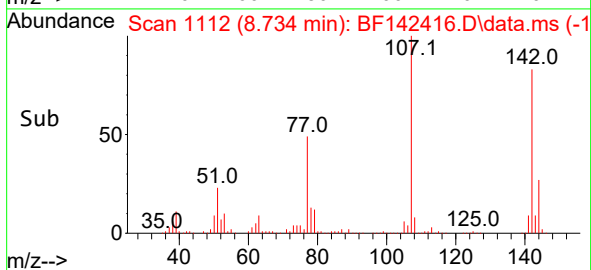
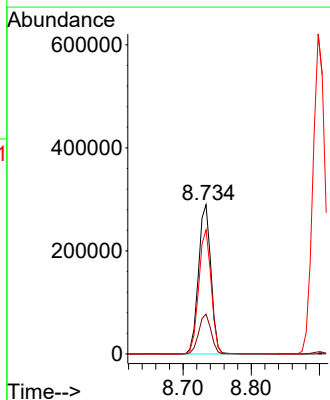
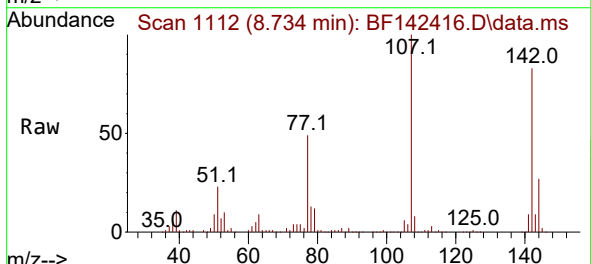
Manual Integrations
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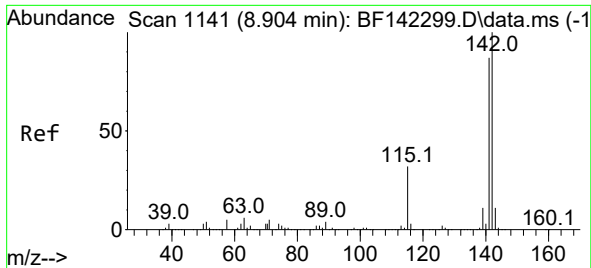
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#36
4-Chloro-3-methylphenol
Concen: 42.265 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:107 Resp: 368220
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 83.2 66.9 100.3





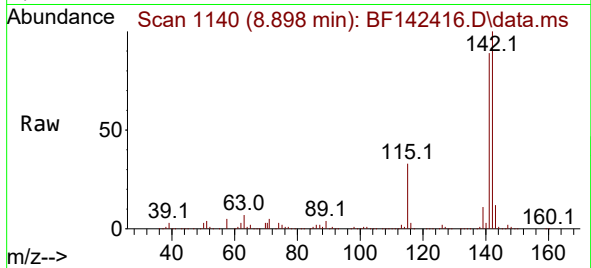
#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

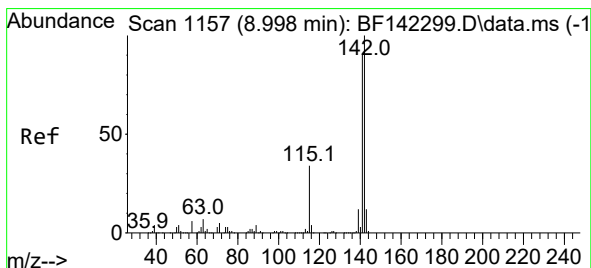
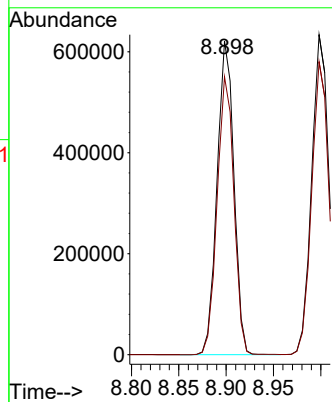
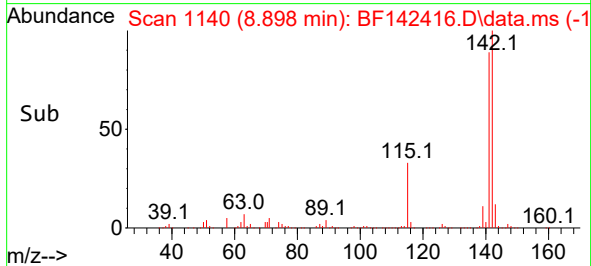


Tgt Ion:142 Resp: 76800
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.2

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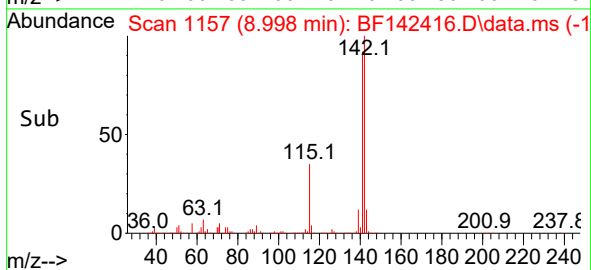
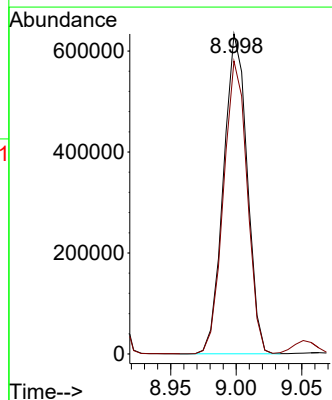
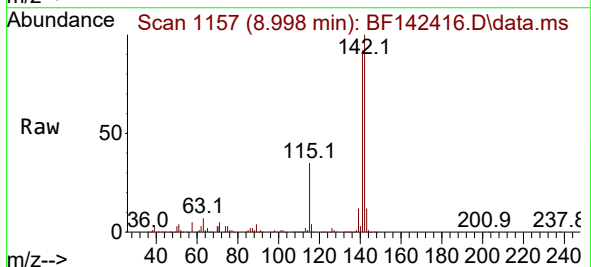
APPROVED

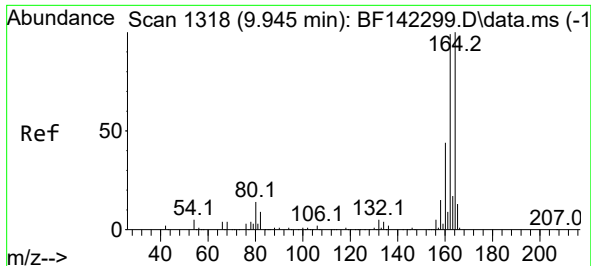
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#38
1-Methylnaphthalene
Concen: 40.068 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:142 Resp: 794187
Ion Ratio Lower Upper
142 100
141 91.5 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142416.D

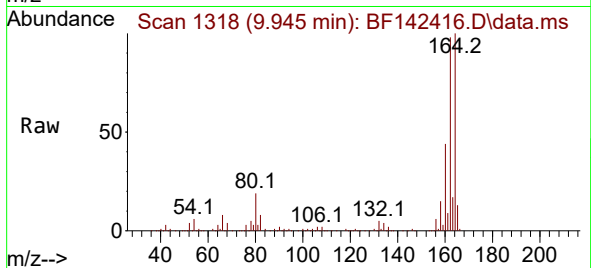
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 337294

Ion Ratio Lower Upper

164 100

162 97.8 79.2 118.8

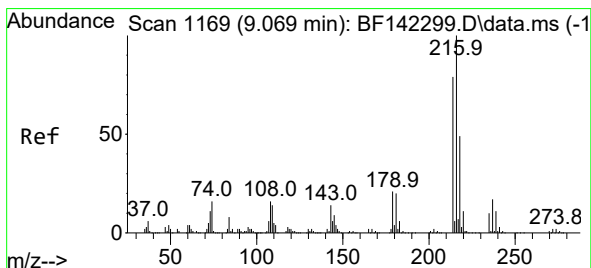
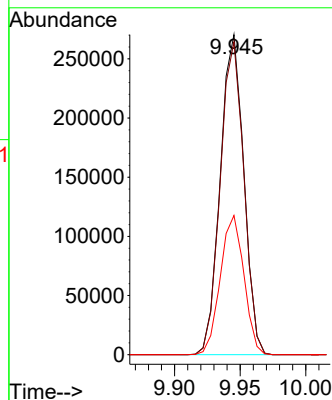
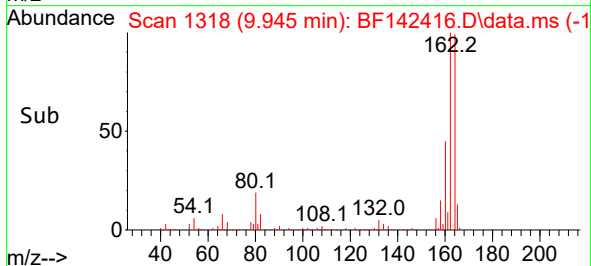
160 43.5 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.609 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Tgt Ion:216 Resp: 391966

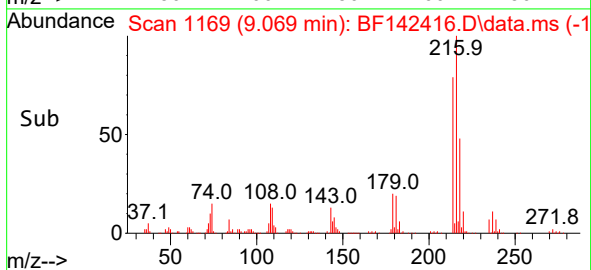
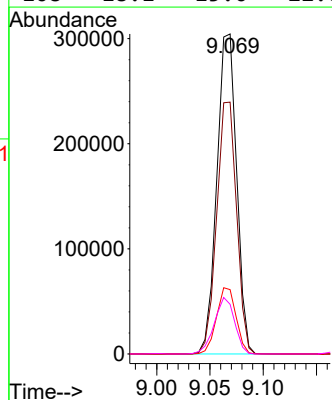
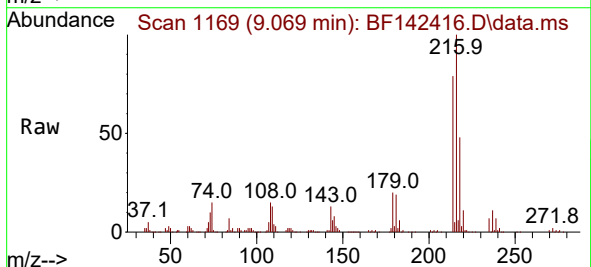
Ion Ratio Lower Upper

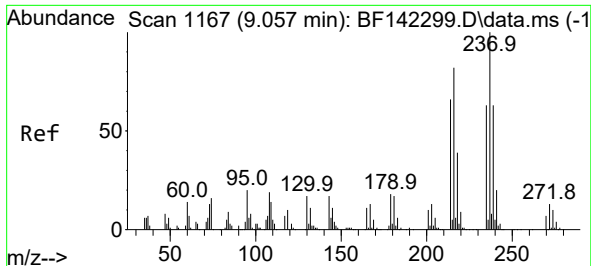
216 100

214 79.2 63.8 95.6

179 20.4 17.0 25.6

108 18.1 15.0 22.6





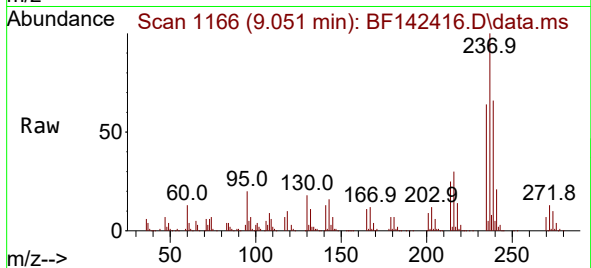
#41
Hexachlorocyclopentadiene
Concen: 46.168 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



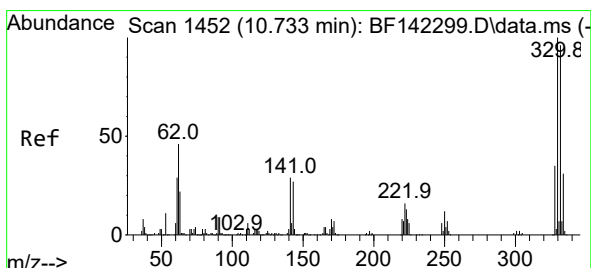
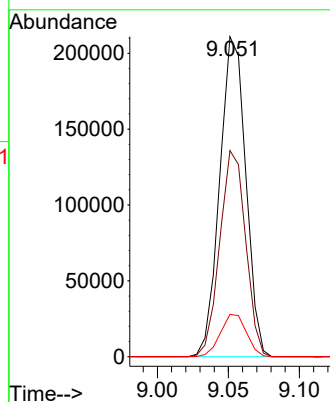
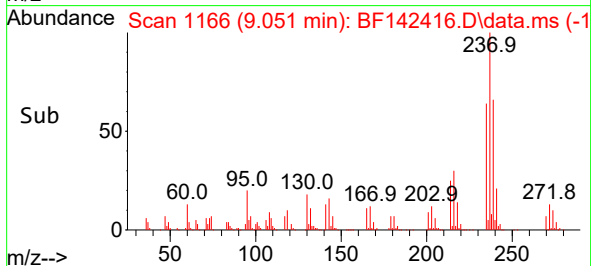
Tgt Ion:237 Resp: 268780
Ion Ratio Lower Upper
237 100
235 64.4 42.8 82.8
272 13.2 0.0 33.0

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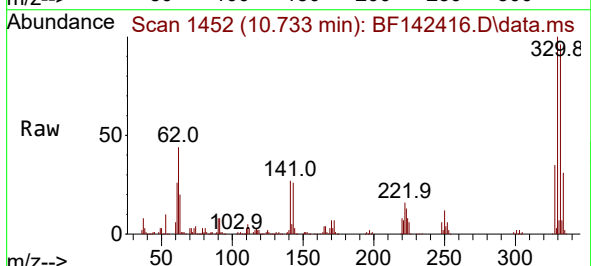
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

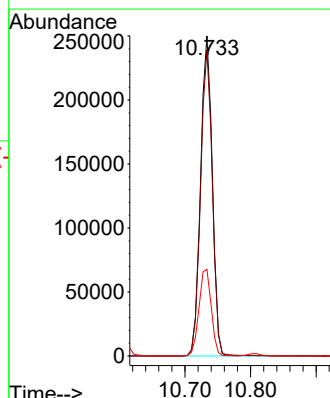
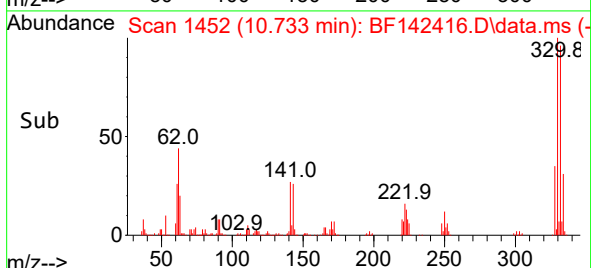
Supervised By :Jagrut Upadhyay 05/19/2025

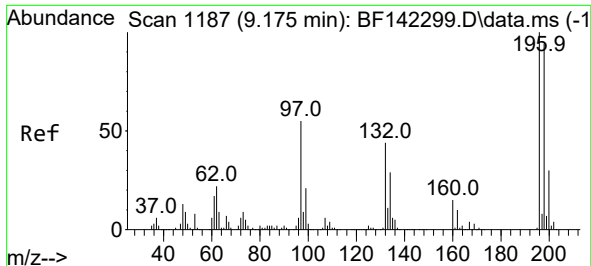


#42
2,4,6-Tribromophenol
Concen: 95.687 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



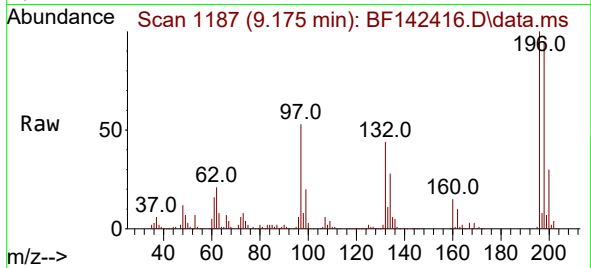
Tgt Ion:330 Resp: 311607
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 28.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 45.128 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

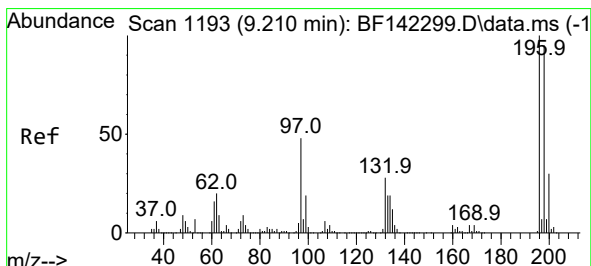
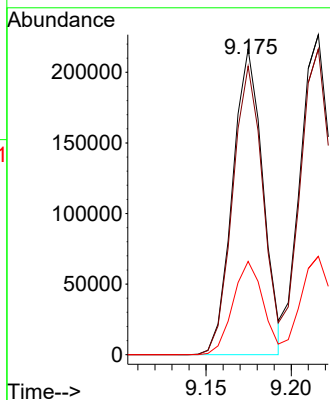
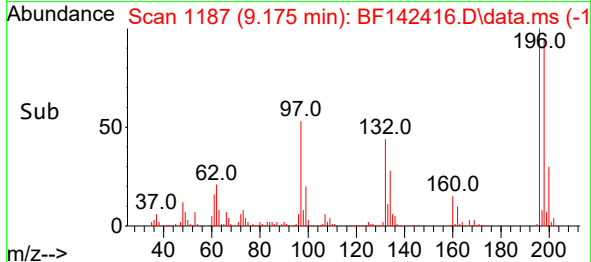
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



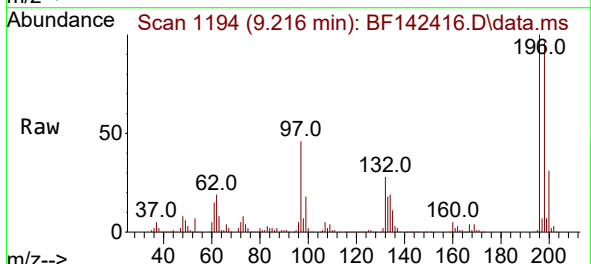
Tgt Ion:196 Resp: 268152
Ion Ratio Lower Upper
196 100
198 94.4 75.4 113.0
200 30.5 24.3 36.5

Manual Integrations
APPROVED

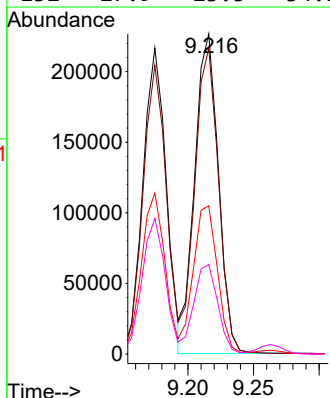
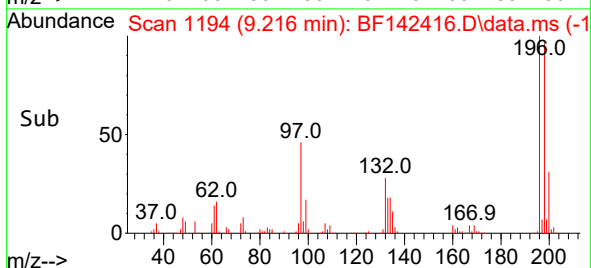
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

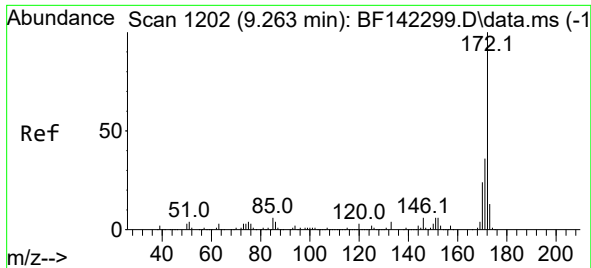


#44
2,4,5-Trichlorophenol
Concen: 45.099 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:196 Resp: 285134
Ion Ratio Lower Upper
196 100
198 95.6 76.1 114.1
97 46.3 39.0 58.4
132 27.9 23.3 34.9





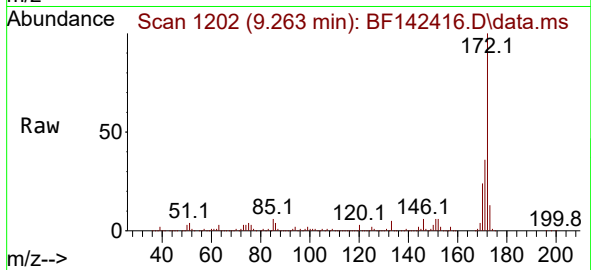
#45
2-Fluorobiphenyl
Concen: 78.241 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



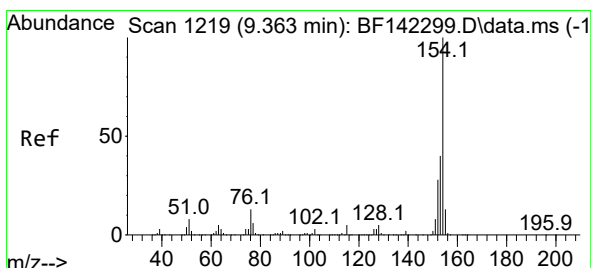
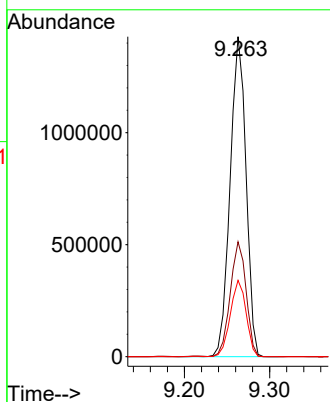
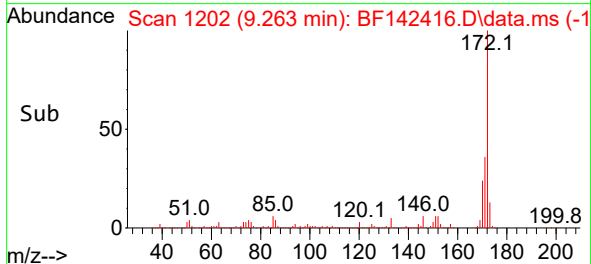
Tgt Ion:172 Resp: 1850807
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 23.8 19.0 28.4

Manual Integrations

APPROVED

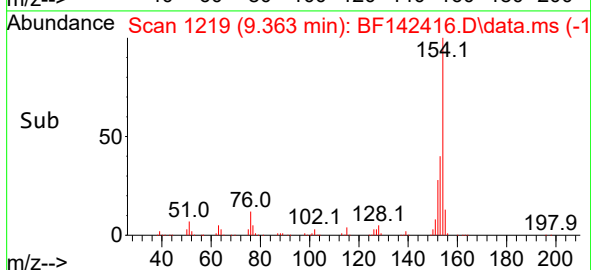
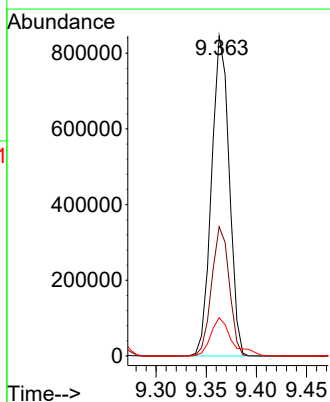
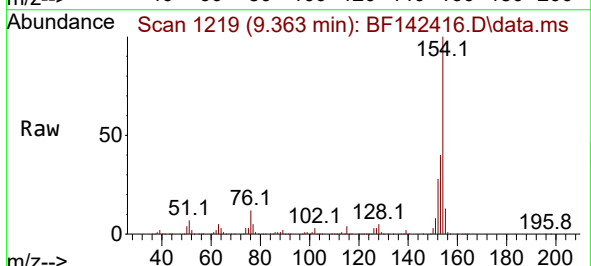
Reviewed By :Rahul Chavli 05/19/2025

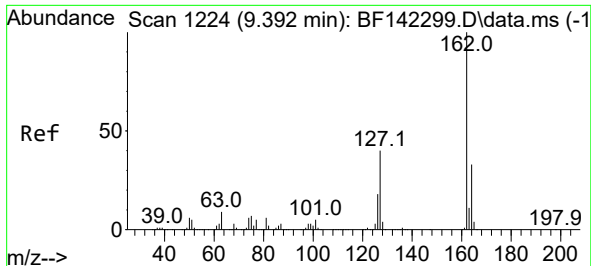
Supervised By :Jagrut Upadhyay 05/19/2025



#46
1,1'-Biphenyl
Concen: 40.069 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:154 Resp: 1036263
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 11.9 0.0 32.8





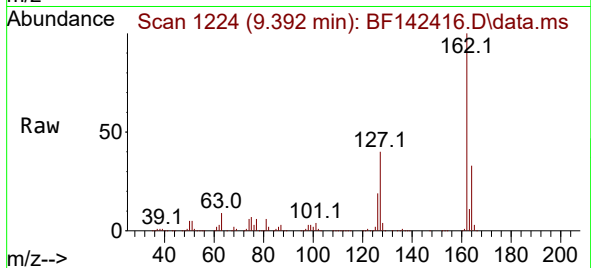
#47
2-Chloronaphthalene
Concen: 40.259 ng
RT: 9.392 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



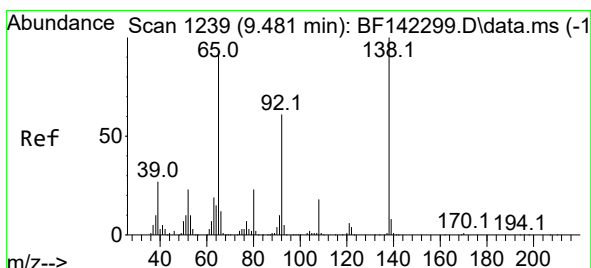
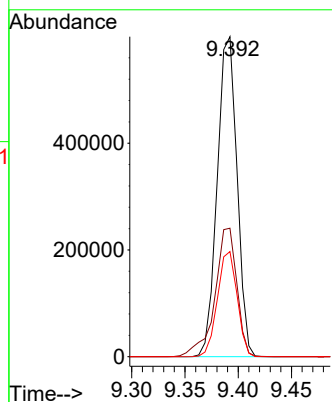
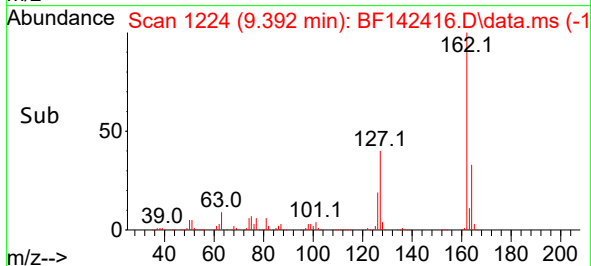
Tgt Ion:162 Resp: 774298
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 32.9 26.6 40.0

Manual Integrations

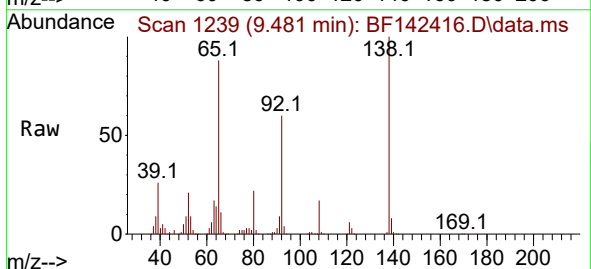
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

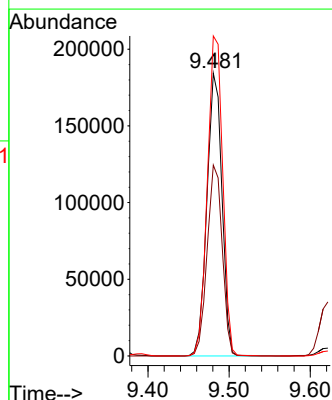
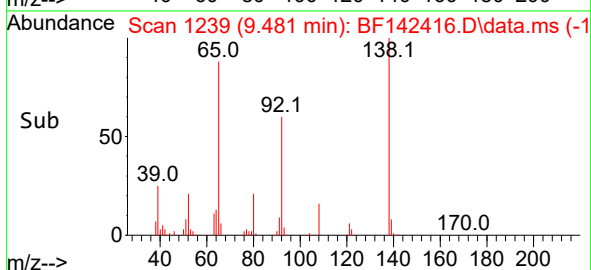
Supervised By :Jagrut Upadhyay 05/19/2025

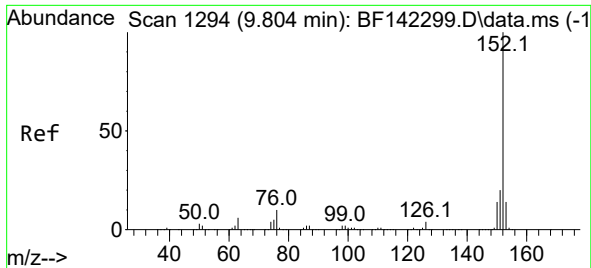


#48
2-Nitroaniline
Concen: 48.113 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion: 65 Resp: 237183
Ion Ratio Lower Upper
65 100
92 67.5 52.3 78.5
138 113.2 85.6 128.4





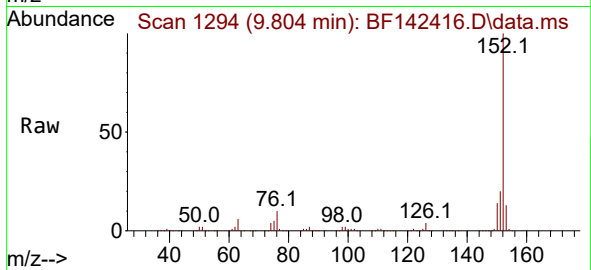
#49
Acenaphthylene
Concen: 40.227 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



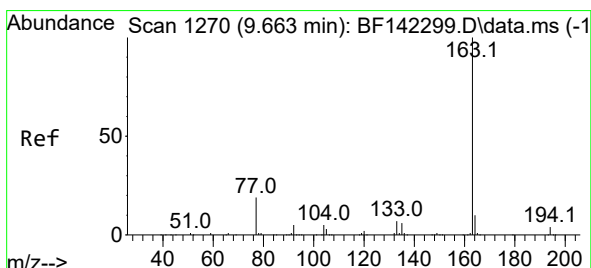
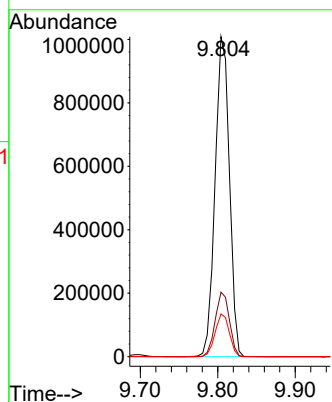
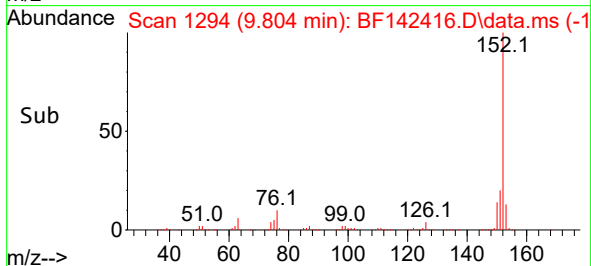
Tgt Ion:152 Resp: 1294254
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.8 16.2

Manual Integrations

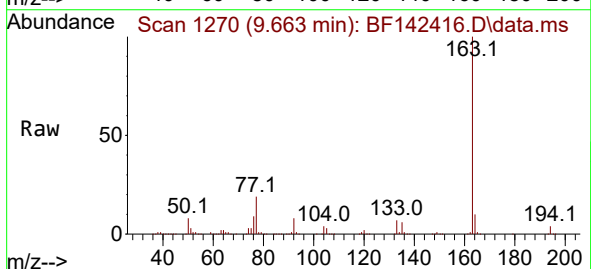
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

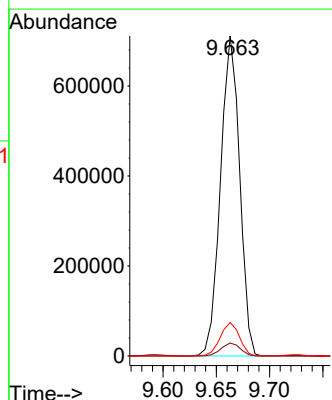
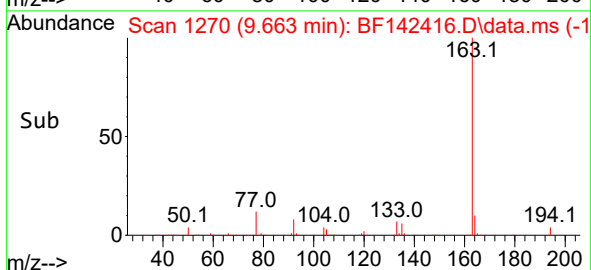
Supervised By :Jagrut Upadhyay 05/19/2025

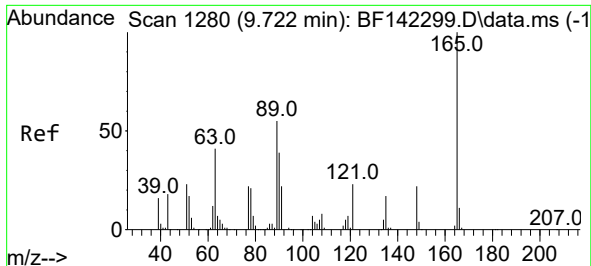


#50
Dimethylphthalate
Concen: 40.962 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:163 Resp: 887169
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 8.3 12.5





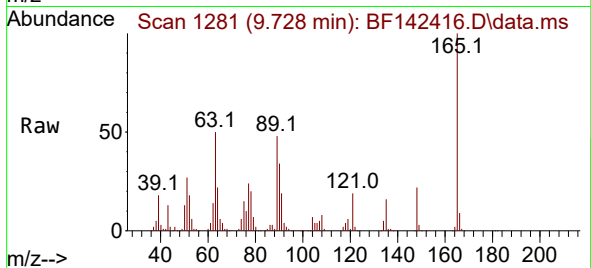
#51
2,6-Dinitrotoluene
Concen: 48.841 ng
RT: 9.728 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

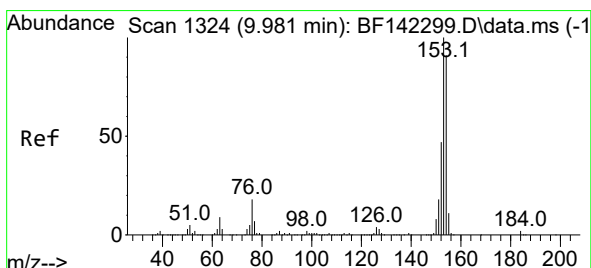
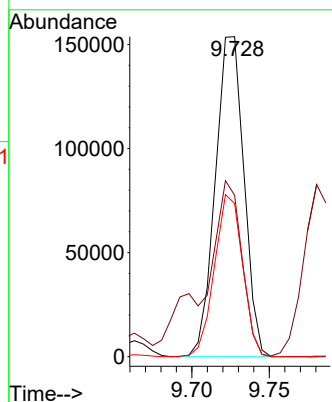
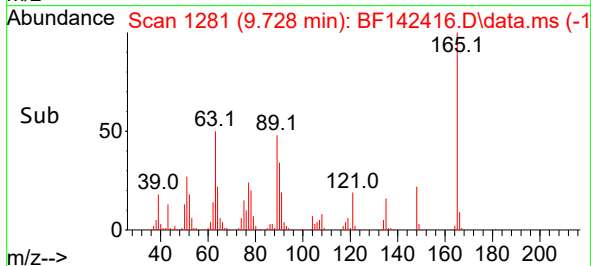


Tgt Ion:165 Resp: 19800
Ion Ratio Lower Upper
165 100
63 50.5 49.5 74.3
89 47.9 44.6 66.8

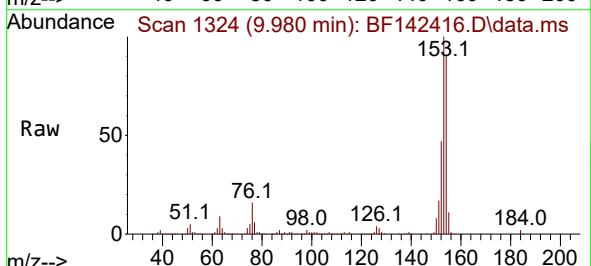
Manual Integrations

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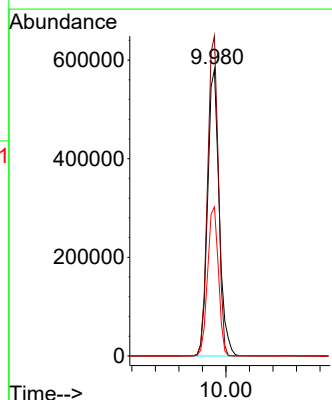
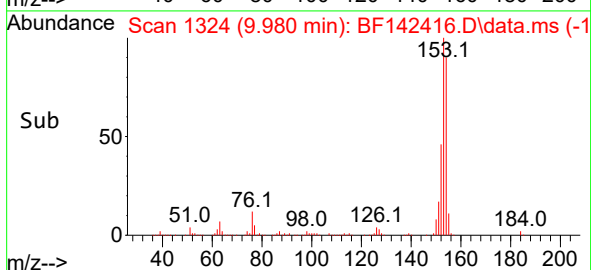
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

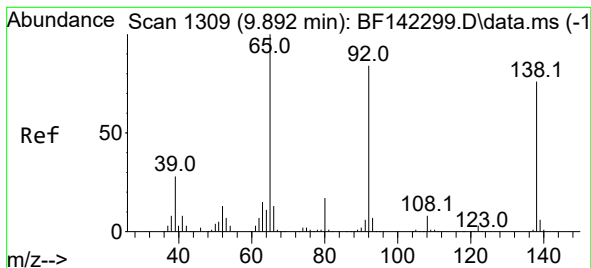


#52
Acenaphthene
Concen: 41.243 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:154 Resp: 797863
Ion Ratio Lower Upper
154 100
153 111.6 88.0 132.0
152 52.0 41.6 62.4





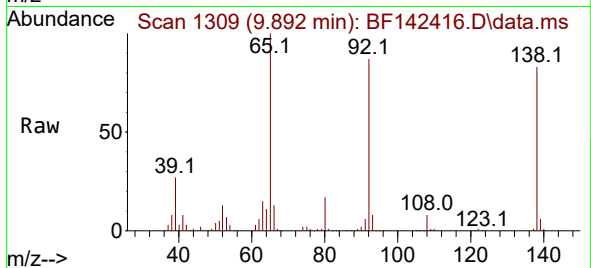
#53
3-Nitroaniline
Concen: 48.176 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



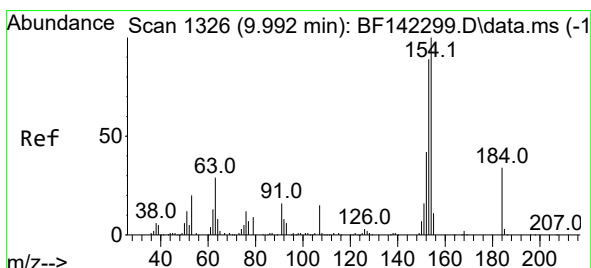
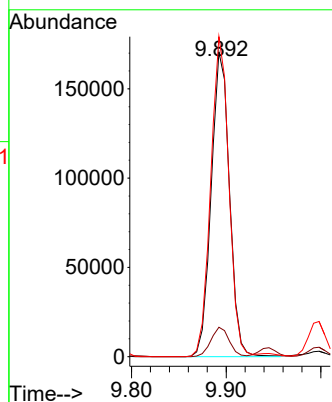
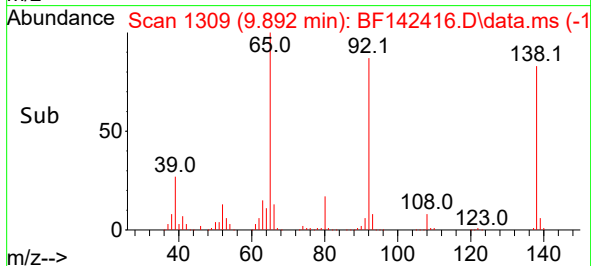
Tgt Ion:138 Resp: 229060
Ion Ratio Lower Upper
138 100
108 9.6 8.7 13.1
92 105.0 89.5 134.3

Manual Integrations

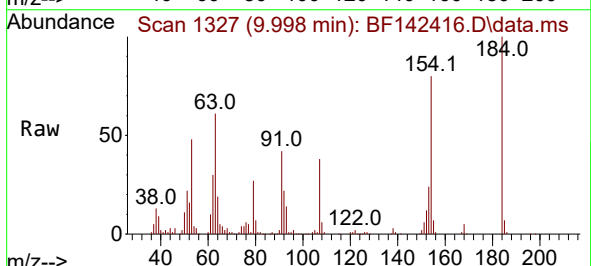
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

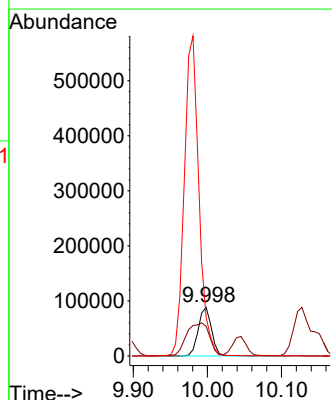
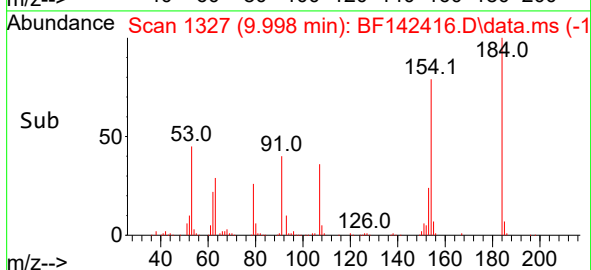
Supervised By :Jagrut Upadhyay 05/19/2025

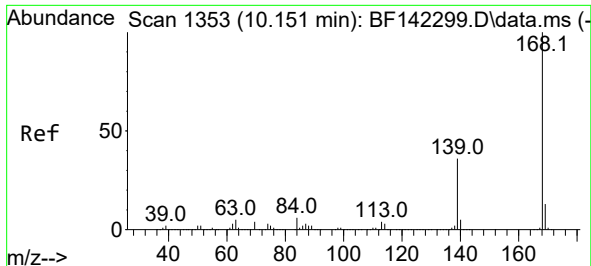


#54
2,4-Dinitrophenol
Concen: 54.430 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



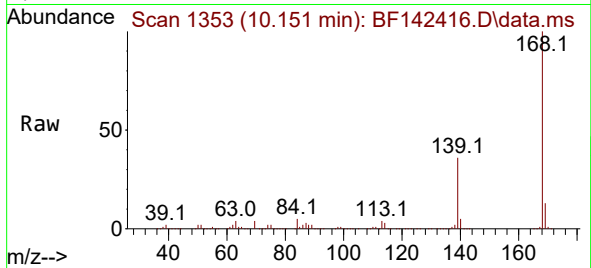
Tgt Ion:184 Resp: 109701
Ion Ratio Lower Upper
184 100
63 61.2 70.6 105.8#
154 79.6 257.2 385.8#





#55
Dibenzenofuran
Concen: 40.139 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

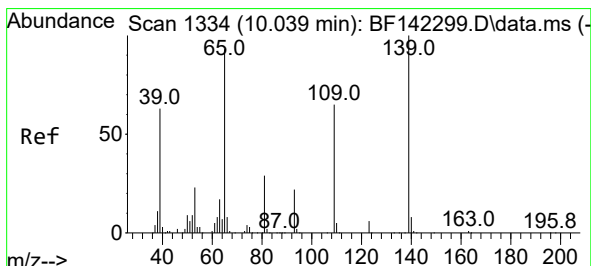
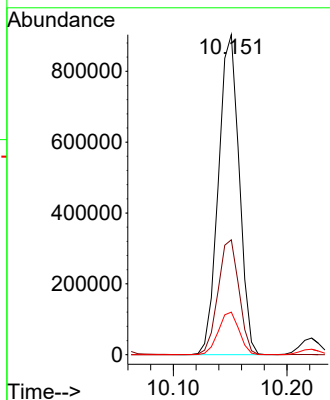
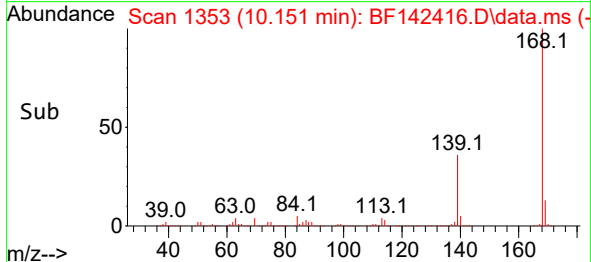
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



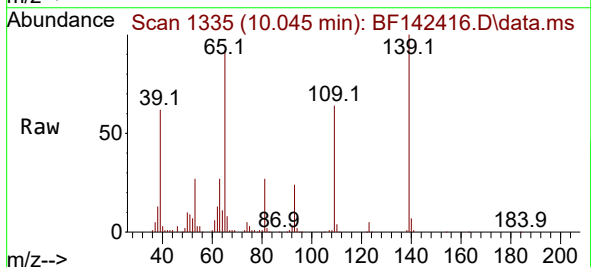
Tgt Ion:168 Resp: 114599
Ion Ratio Lower Upper
168 100
139 35.9 29.0 43.4
169 13.3 10.7 16.1

Manual Integrations
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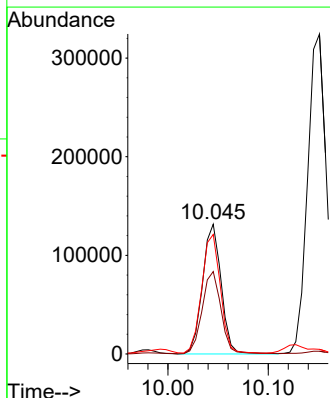
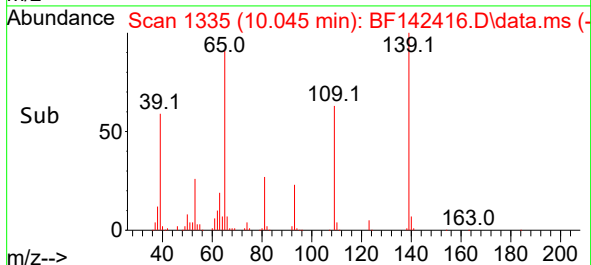
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

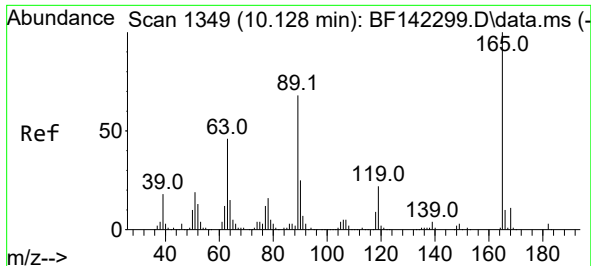


#56
4-Nitrophenol
Concen: 47.604 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:139 Resp: 170351
Ion Ratio Lower Upper
139 100
109 63.5 45.3 85.3
65 92.2 73.9 113.9





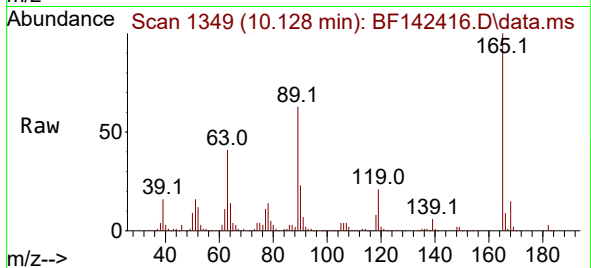
#57
2,4-Dinitrotoluene
Concen: 51.248 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



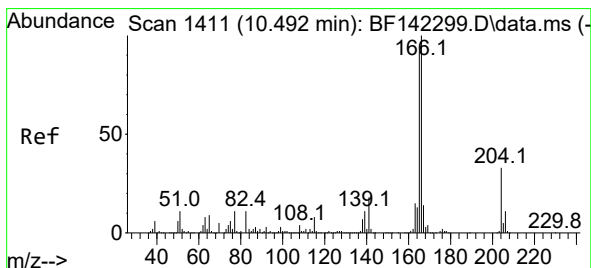
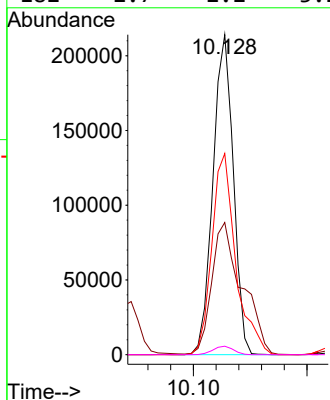
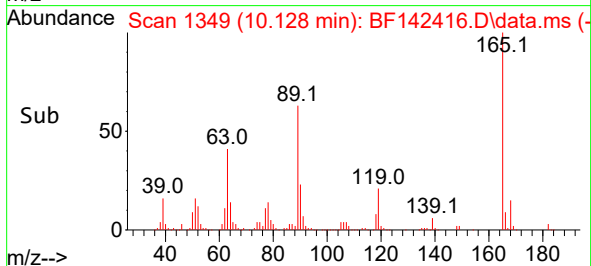
Tgt Ion:165 Resp: 266504
Ion Ratio Lower Upper
165 100
63 41.3 37.1 55.7
89 62.8 54.4 81.6
182 2.7 2.2 3.2

Manual Integrations

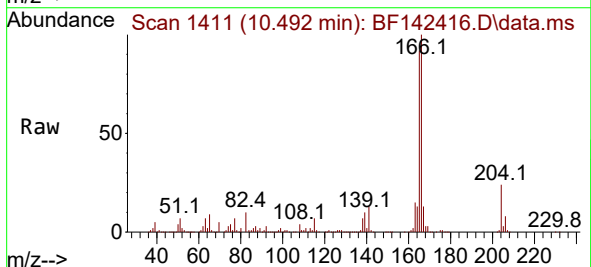
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

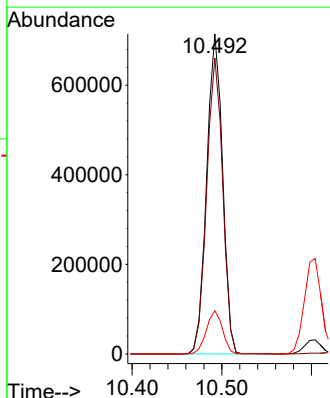
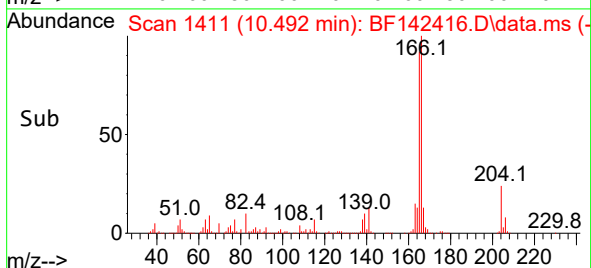
Supervised By :Jagrut Upadhyay 05/19/2025

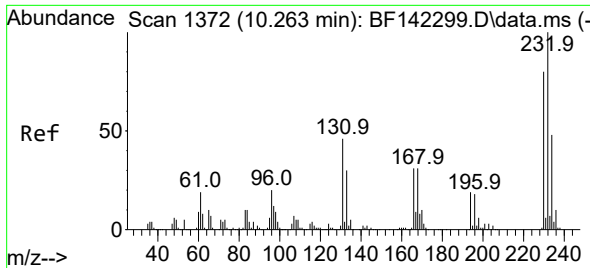


#58
Fluorene
Concen: 40.431 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



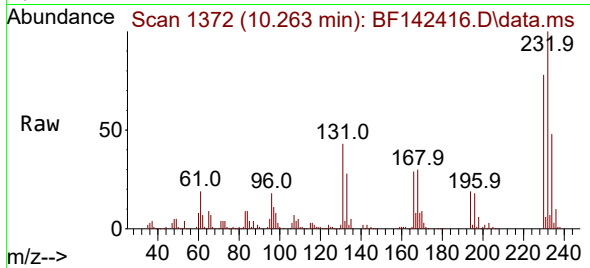
Tgt Ion:166 Resp: 880942
Ion Ratio Lower Upper
166 100
165 92.4 74.0 111.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.106 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

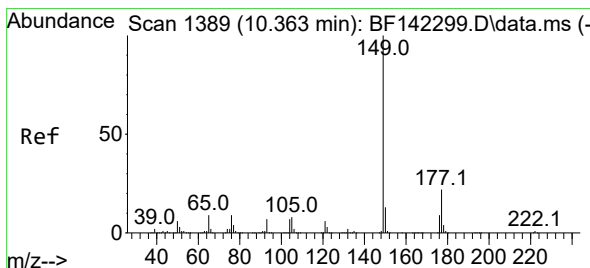
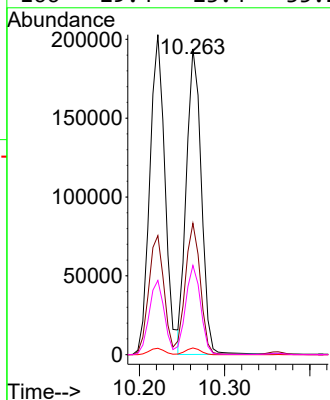
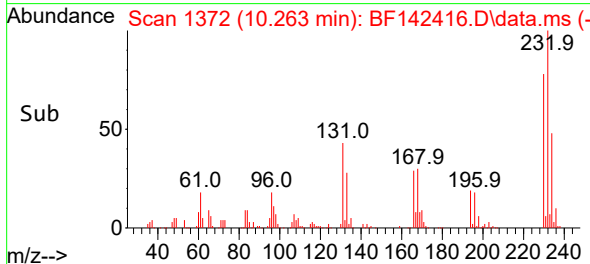
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



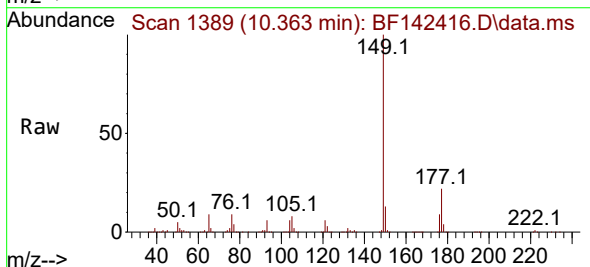
Tgt Ion:232 Resp: 23541
Ion Ratio Lower Upper
232 100
131 43.7 36.0 54.0
130 2.2 1.8 2.6
166 29.4 23.4 35.2

Manual Integrations
APPROVED

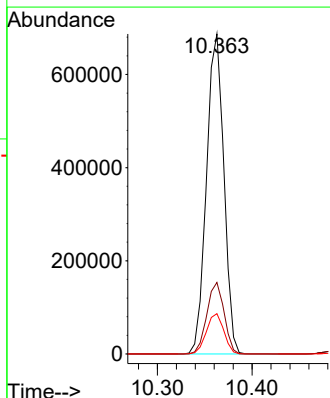
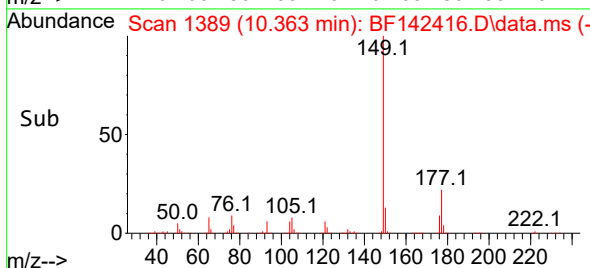
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

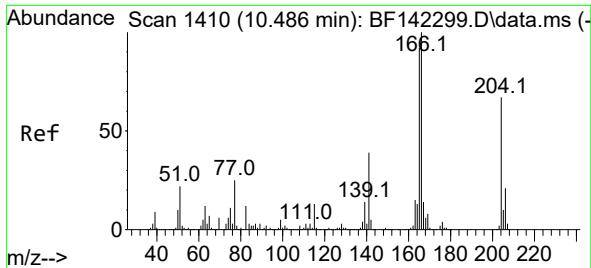


#60
Diethylphthalate
Concen: 40.323 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



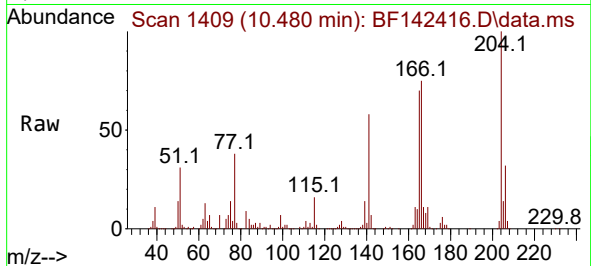
Tgt Ion:149 Resp: 872157
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.259 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

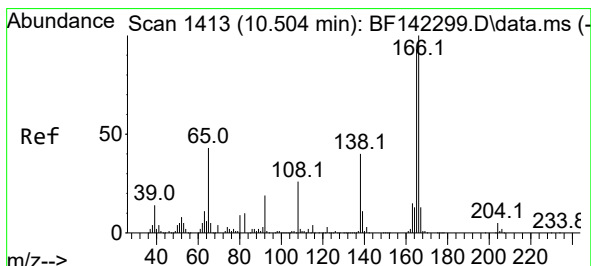
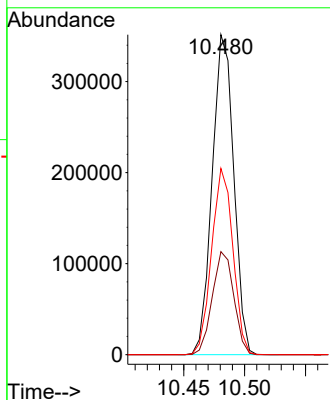
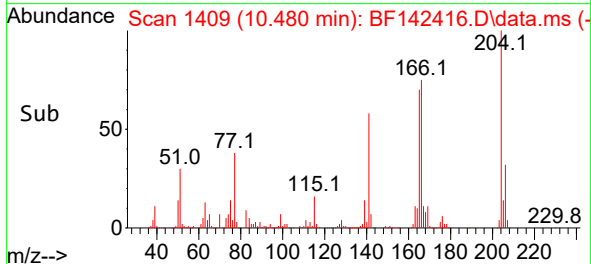
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



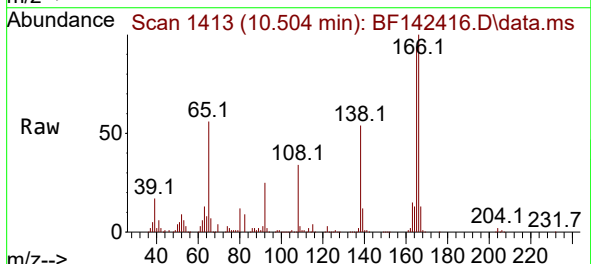
Tgt Ion:204 Resp: 43371
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 58.2 46.4 69.6

Manual Integrations
APPROVED

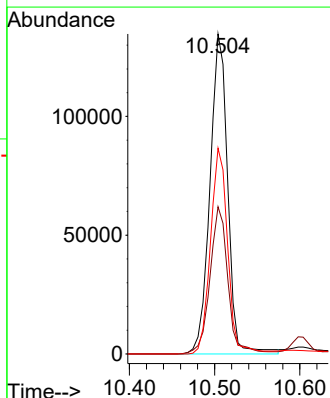
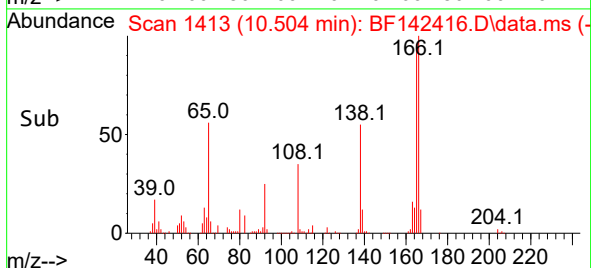
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

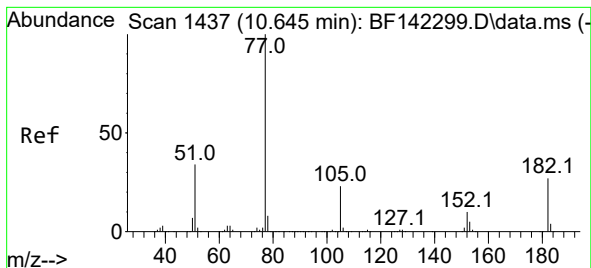


#62
4-Nitroaniline
Concen: 51.679 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:138 Resp: 194748
Ion Ratio Lower Upper
138 100
92 46.0 27.3 67.3
108 64.3 45.1 85.1





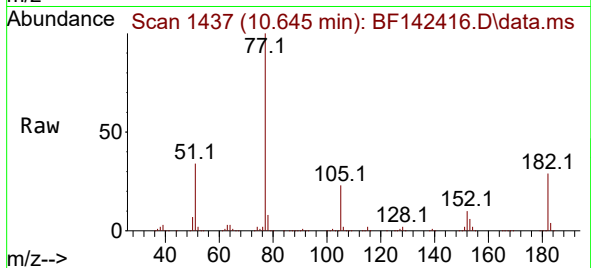
#63
Azobenzene
Concen: 38.726 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



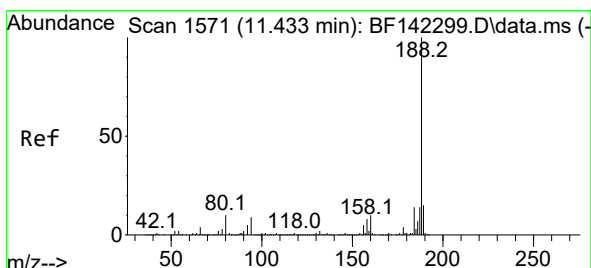
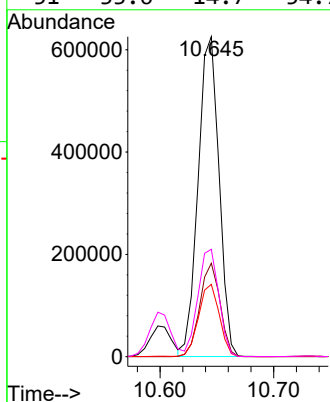
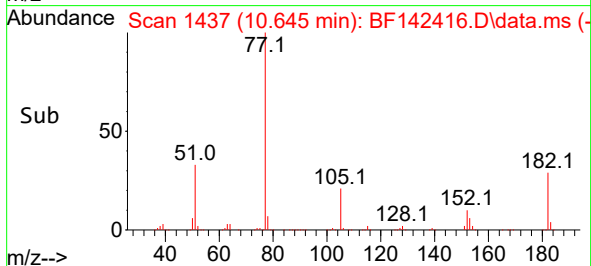
Tgt Ion: 77 Resp: 800400
Ion Ratio Lower Upper
77 100
182 29.2 6.9 46.9
105 22.6 2.7 42.7
51 33.6 14.7 54.7

Manual Integrations

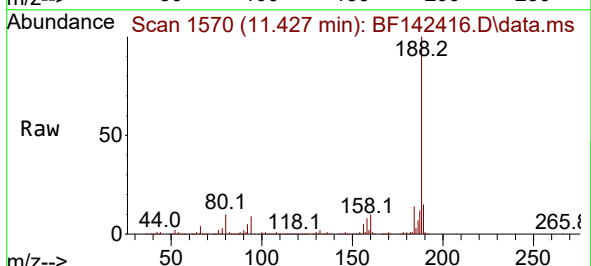
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

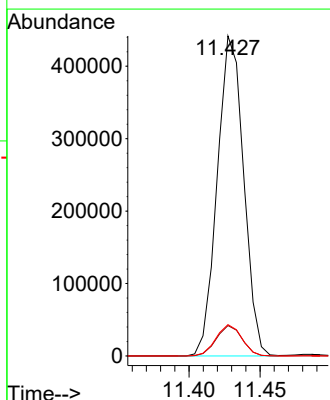
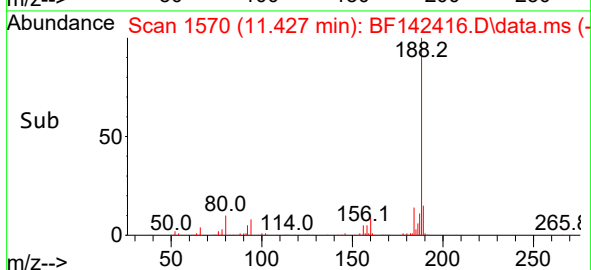
Supervised By :Jagrut Upadhyay 05/19/2025

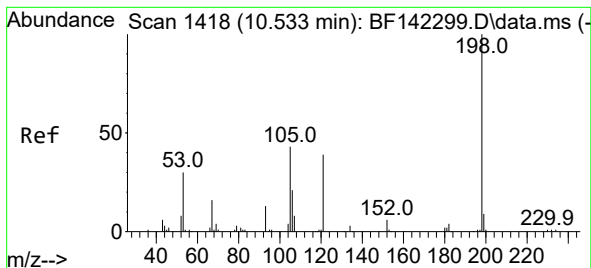


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



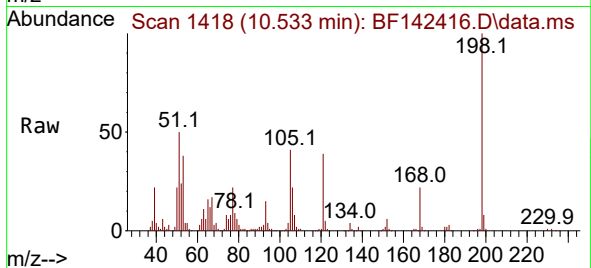
Tgt Ion:188 Resp: 570778
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 52.948 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

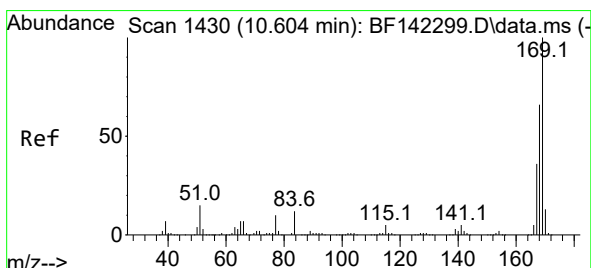
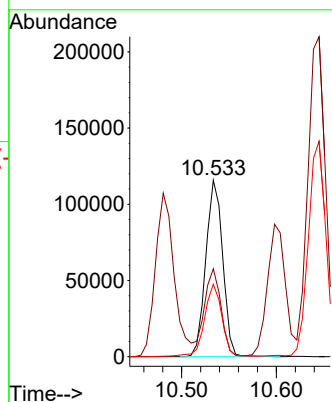
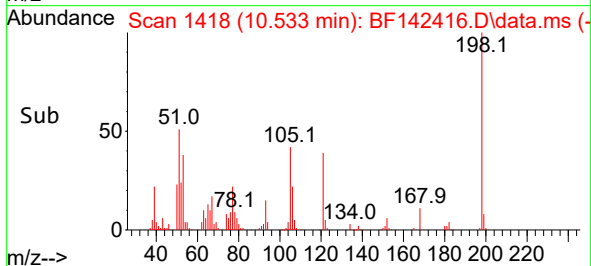
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



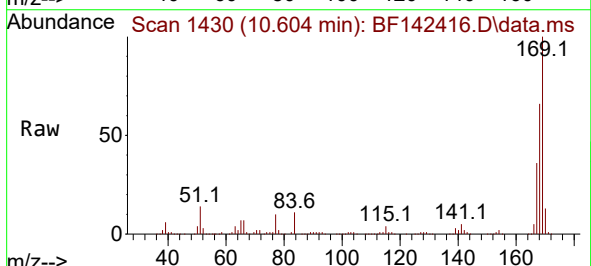
Tgt Ion:198 Resp: 143190
Ion Ratio Lower Upper
198 100
51 49.8 32.9 72.9
105 41.0 23.7 63.7

Manual Integrations
APPROVED

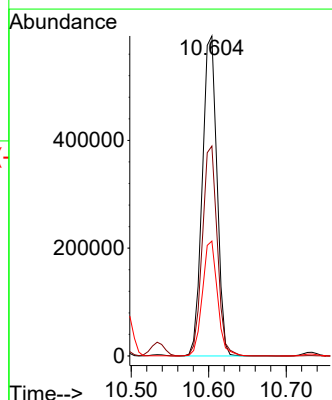
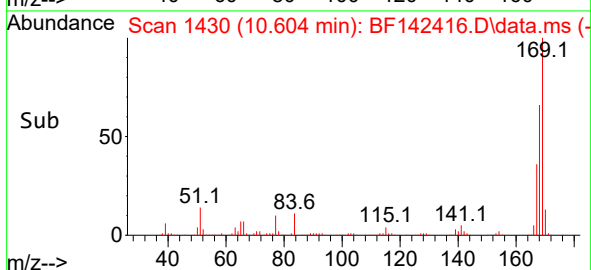
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

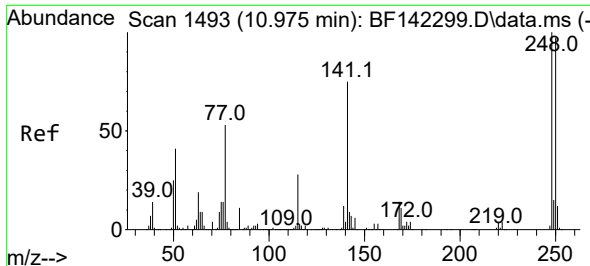


#66
n-Nitrosodiphenylamine
Concen: 40.989 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



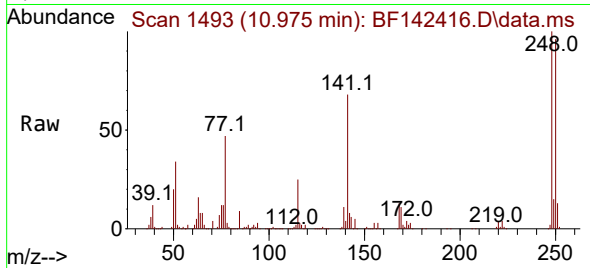
Tgt Ion:169 Resp: 778512
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.469 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

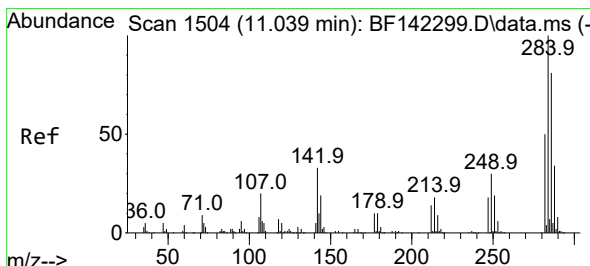
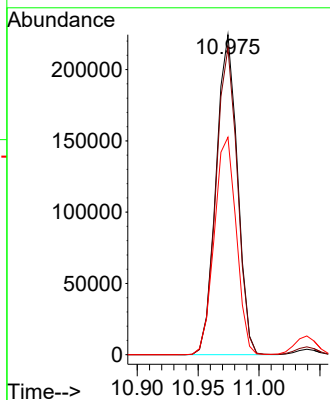
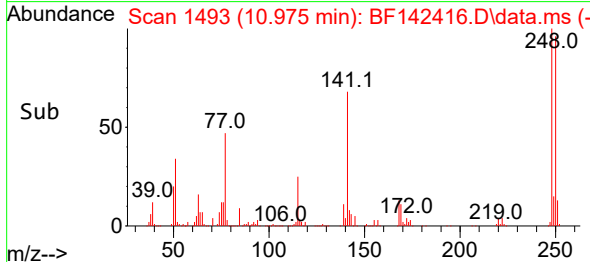
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



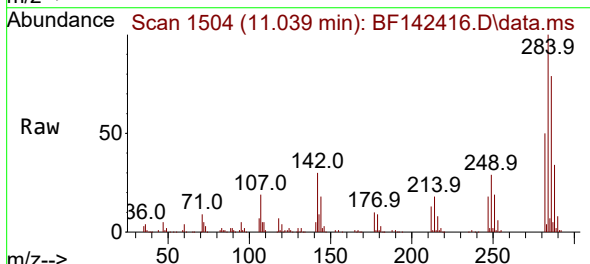
Tgt Ion:248 Resp: 274725
Ion Ratio Lower Upper
248 100
250 95.9 77.9 116.9
141 68.0 59.8 89.8

Manual Integrations
APPROVED

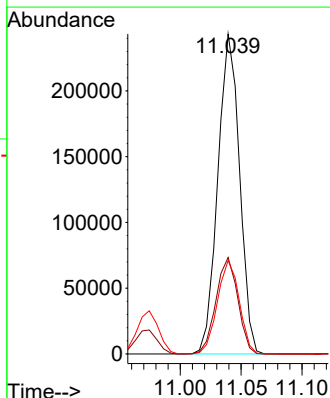
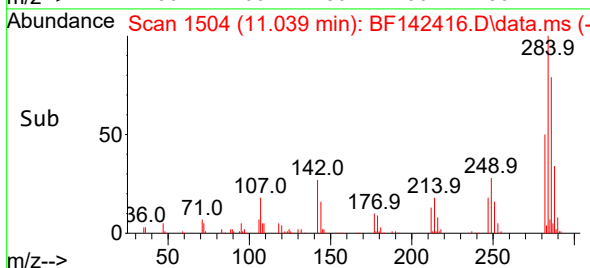
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

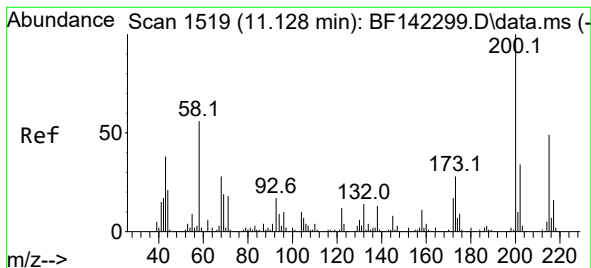


#68
Hexachlorobenzene
Concen: 42.479 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:284 Resp: 302260
Ion Ratio Lower Upper
284 100
142 30.2 26.6 39.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 44.506 ng

RT: 11.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 222820

Ion Ratio Lower Upper

200 100

173 27.4 8.1 48.1

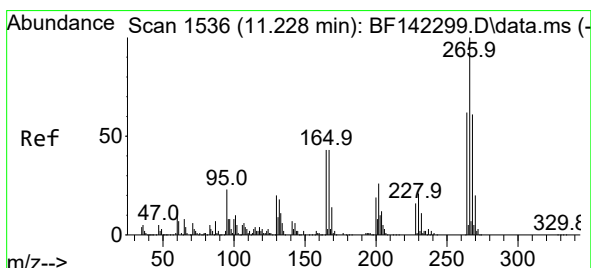
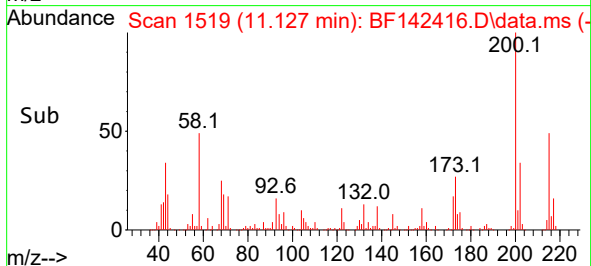
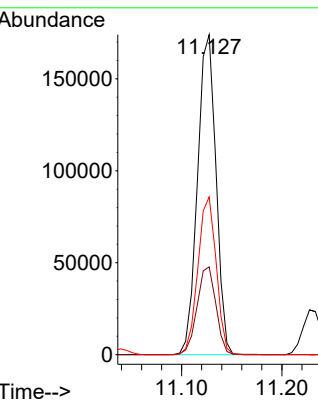
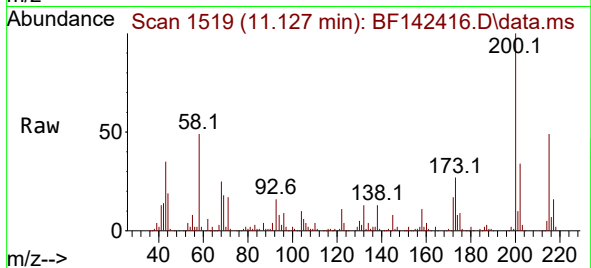
215 49.3 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#70

Pentachlorophenol

Concen: 49.532 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

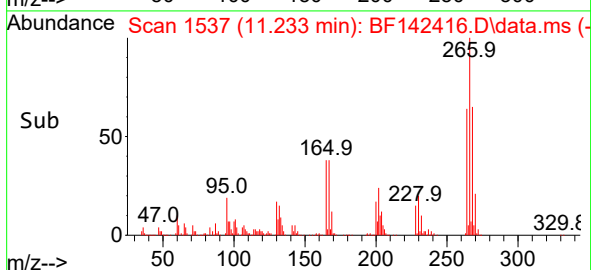
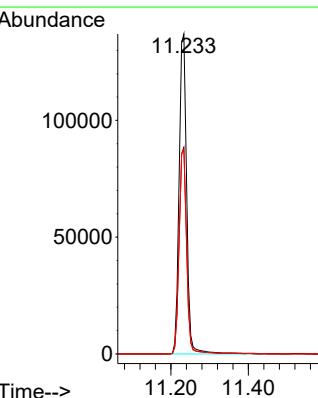
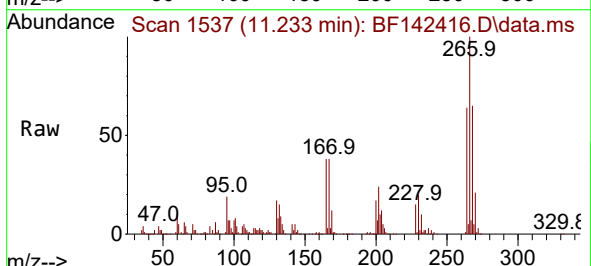
Tgt Ion:266 Resp: 185414

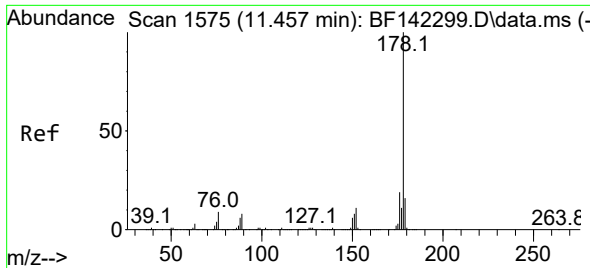
Ion Ratio Lower Upper

266 100

268 64.6 48.7 73.1

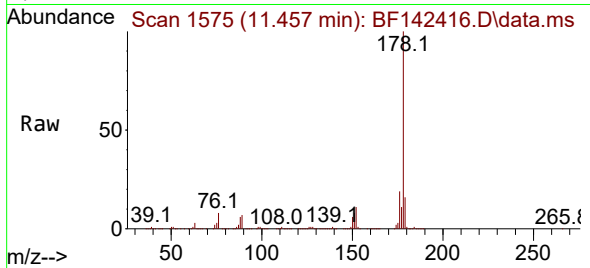
264 63.7 49.8 74.6





#71
Phenanthrene
Concen: 40.116 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

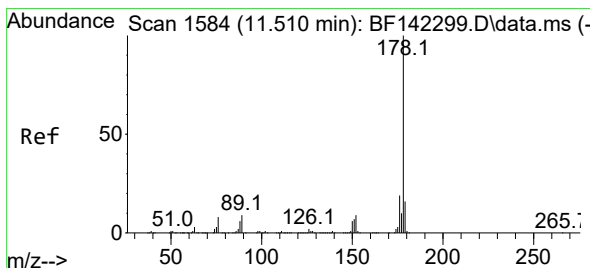
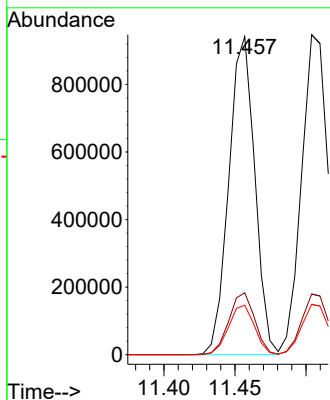
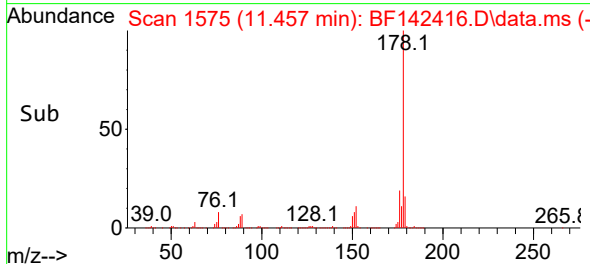
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1200234
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.6 18.8

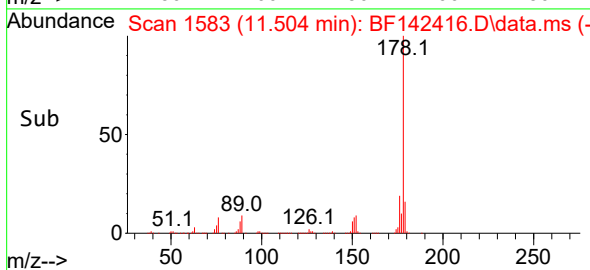
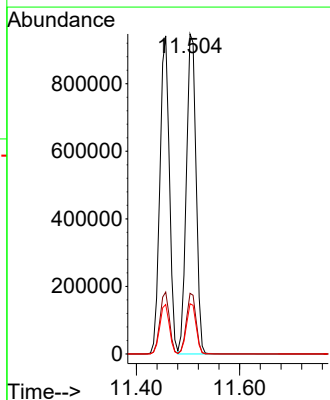
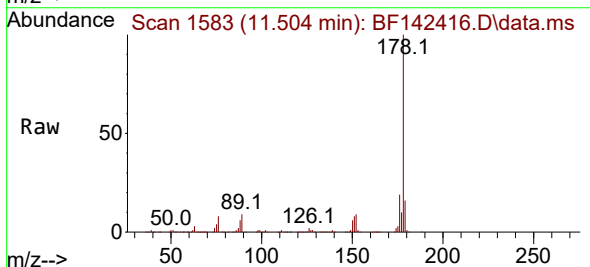
Manual Integrations
APPROVED

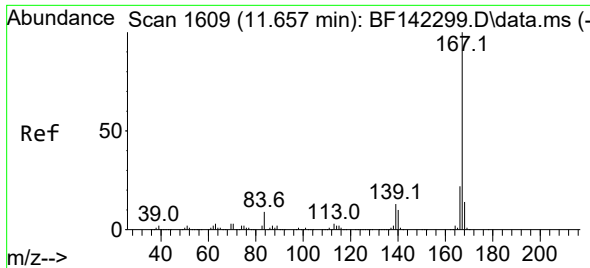
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#72
Anthracene
Concen: 40.150 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

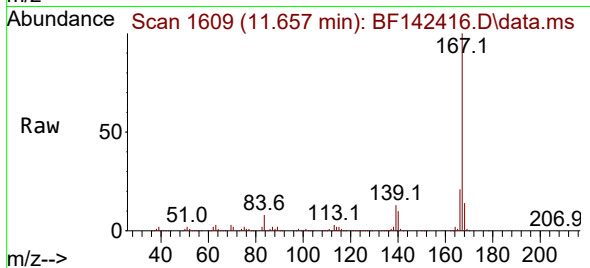
Tgt Ion:178 Resp: 1234268
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 40.132 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45

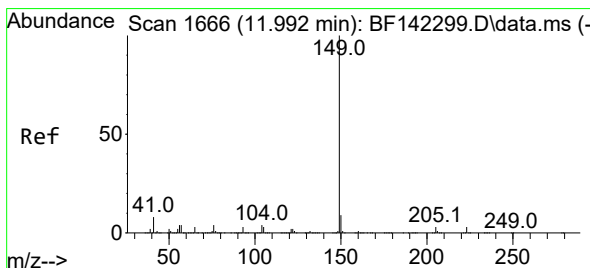
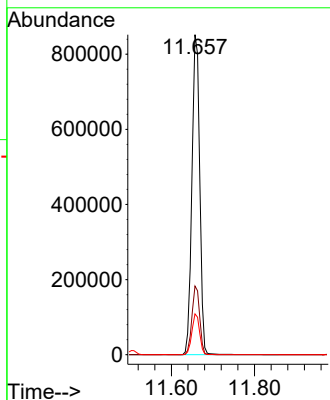
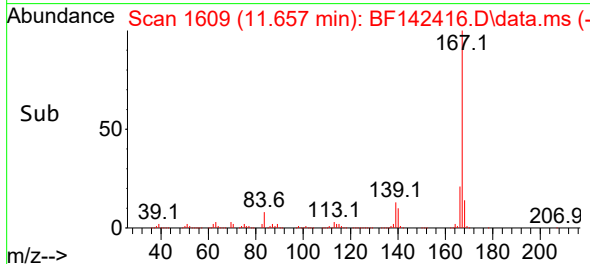
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



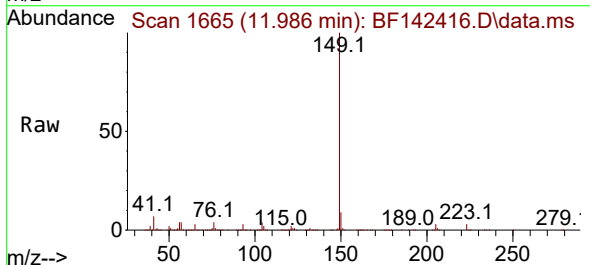
Tgt Ion:167 Resp: 1106838
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.3 15.5

Manual Integrations
 APPROVED

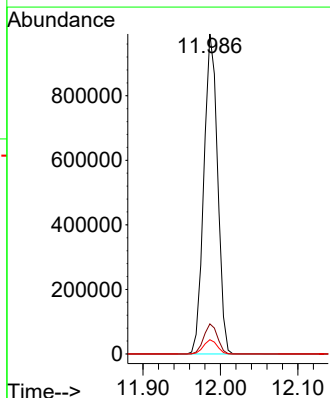
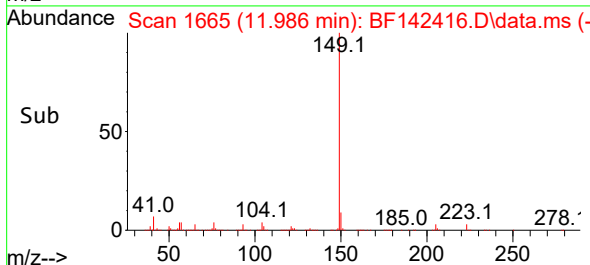
Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

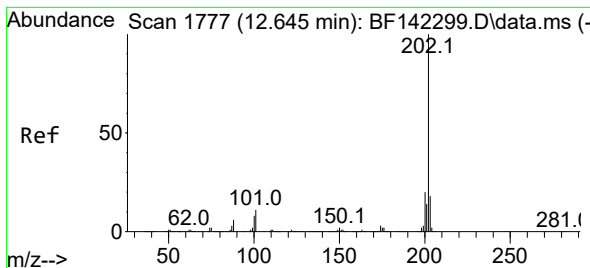


#74
 Di-n-butylphthalate
 Concen: 42.054 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45



Tgt Ion:149 Resp: 1219634
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.5 3.6 5.4





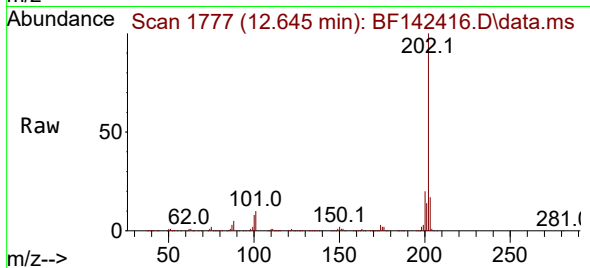
#75
Fluoranthene
Concen: 38.924 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



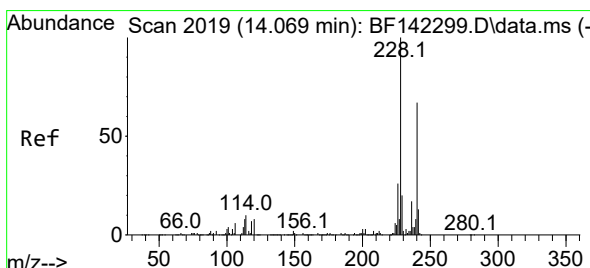
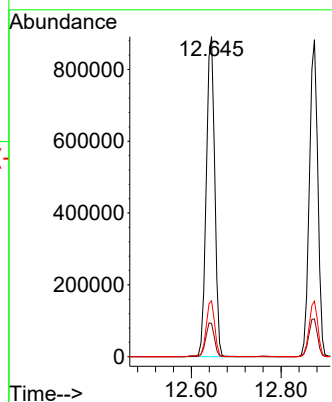
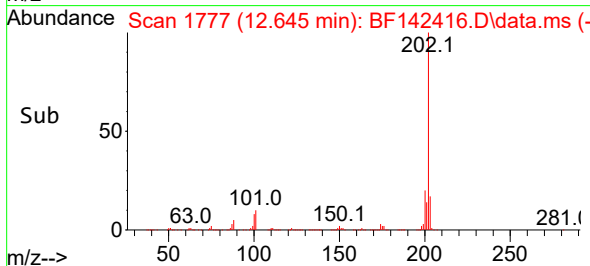
Tgt Ion:202 Resp: 1164128
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 17.5 0.0 37.9

Manual Integrations

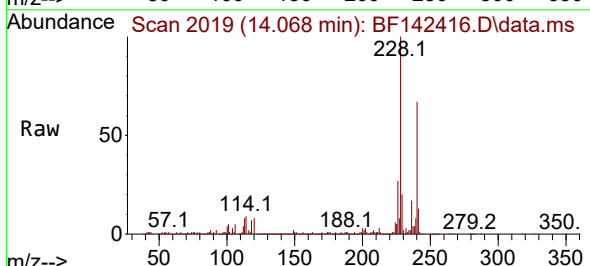
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

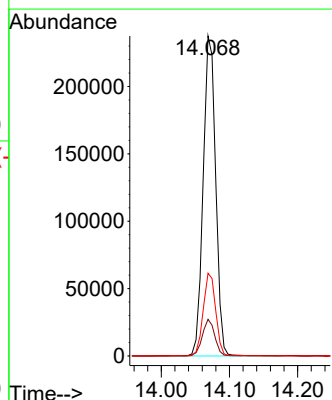
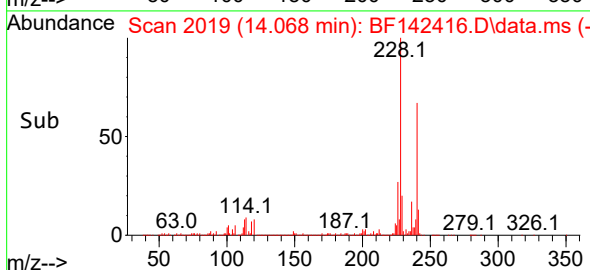
Supervised By :Jagrut Upadhyay 05/19/2025

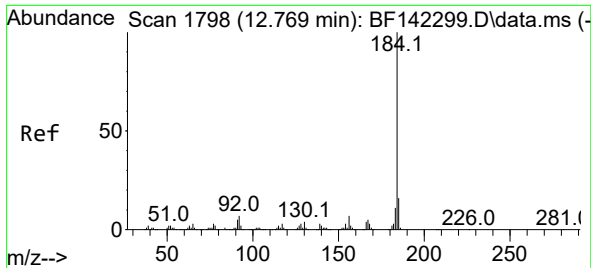


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



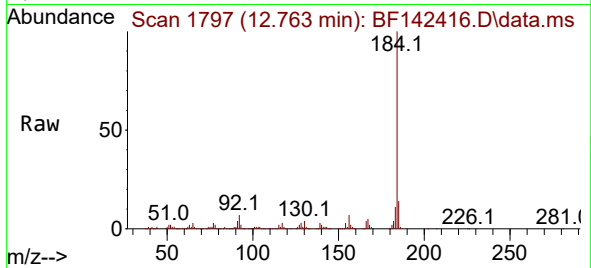
Tgt Ion:240 Resp: 303020
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.8 20.0 30.0





#77
Benzidine
Concen: 69.897 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

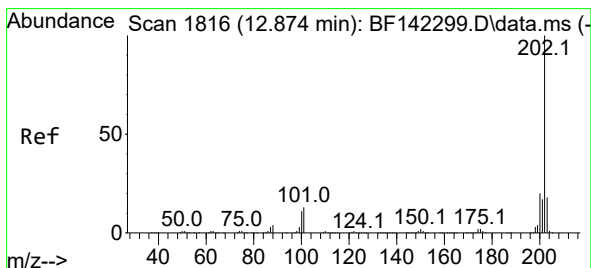
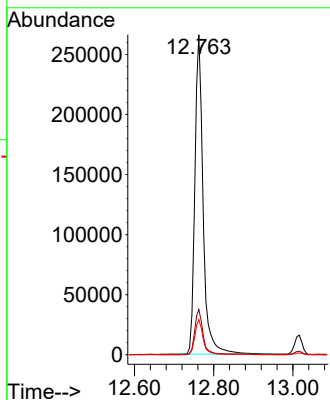
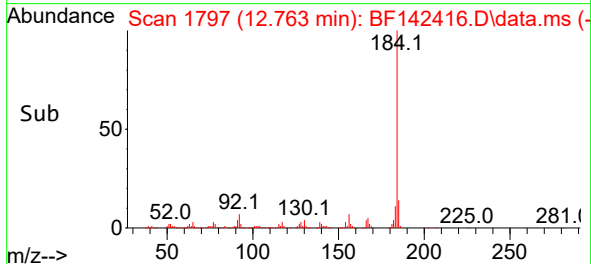
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



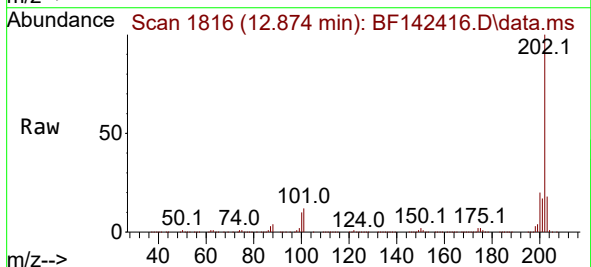
Tgt Ion:184 Resp: 38490
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.0 8.6 12.8

Manual Integrations
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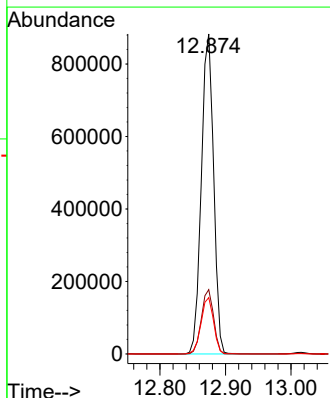
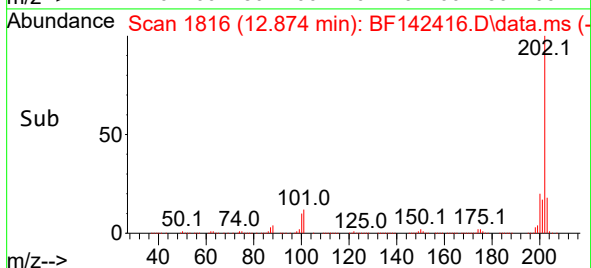
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

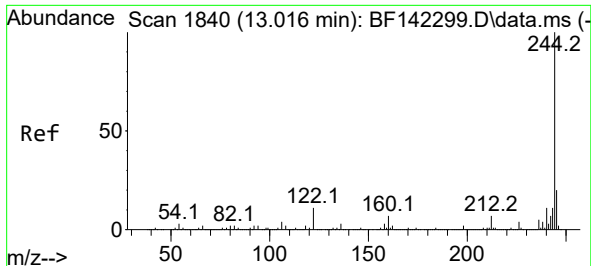


#78
Pyrene
Concen: 42.688 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:202 Resp: 1151373
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.6 14.3 21.5





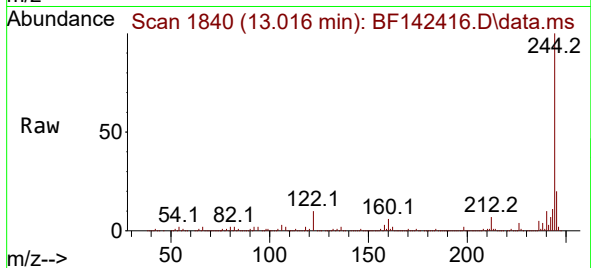
#79
 Terphenyl-d14
 Concen: 83.656 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



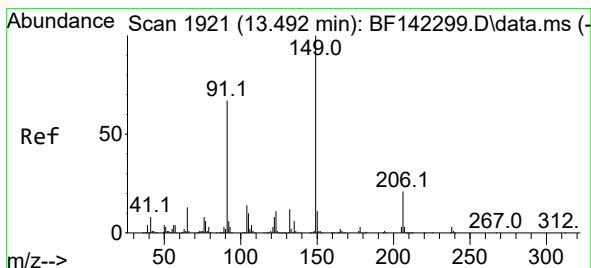
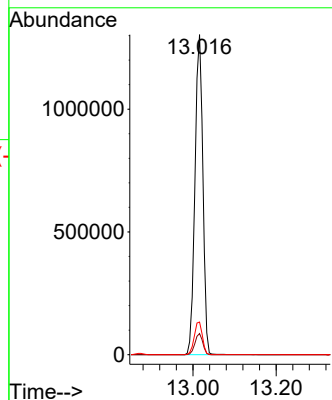
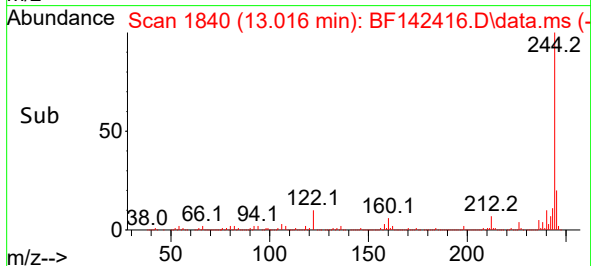
Tgt Ion:244 Resp: 1712670
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.2 9.0 13.4

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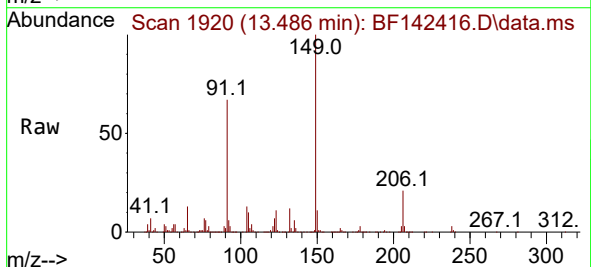
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

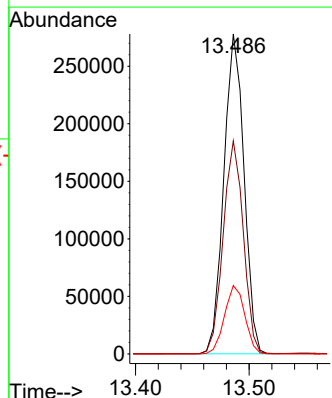
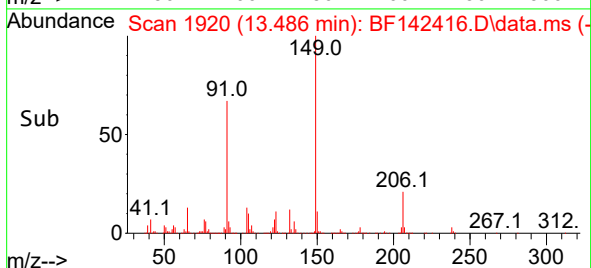
Supervised By :Jagrut Upadhyay 05/19/2025

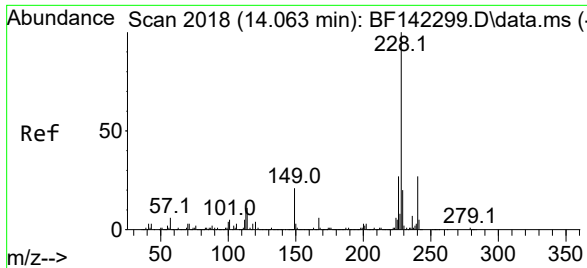


#80
 Butylbenzylphthalate
 Concen: 43.908 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142416.D
 Acq: 16 May 2025 09:45



Tgt Ion:149 Resp: 342957
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.8 80.6
 206 21.4 16.6 24.8





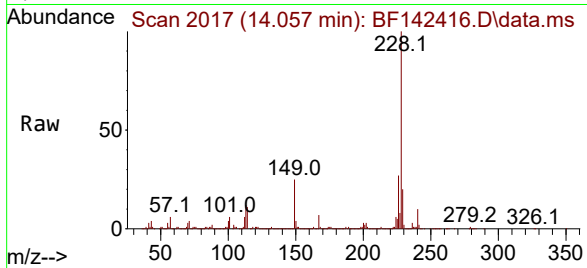
#81
Benzo(a)anthracene
Concen: 42.793 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



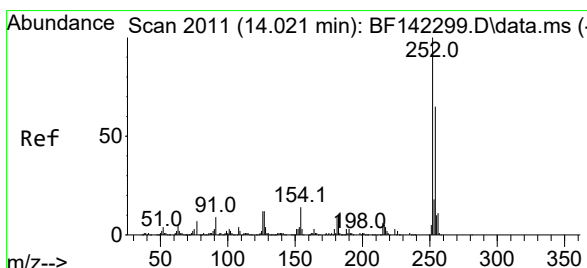
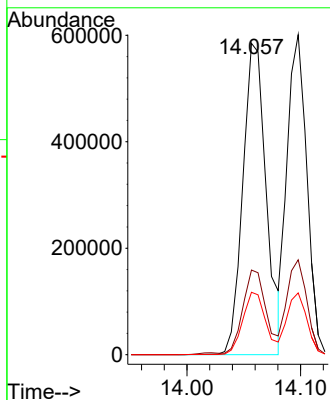
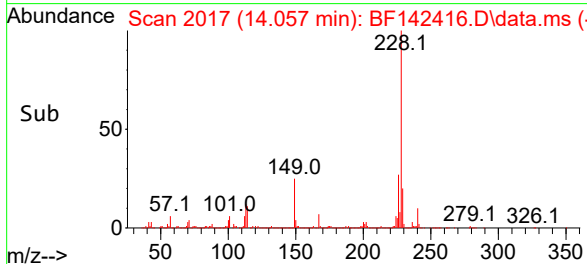
Tgt Ion:228 Resp: 839758
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 20.0 15.9 23.9

Manual Integrations

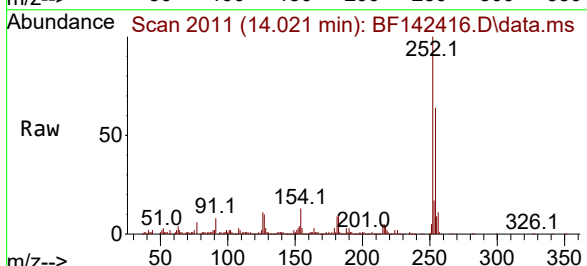
APPROVED

Reviewed By :Rahul Chavli 05/19/2025

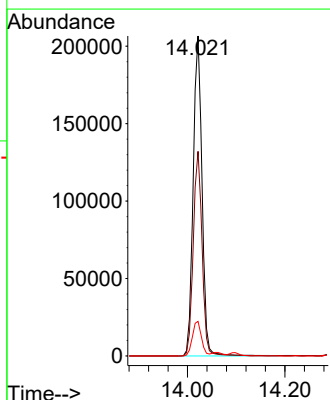
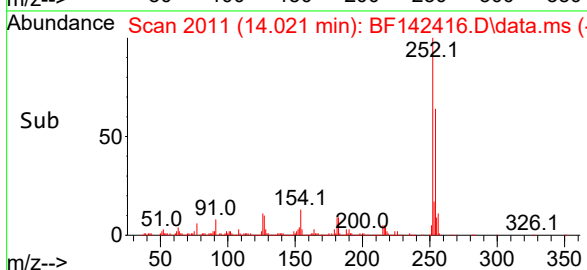
Supervised By :Jagrut Upadhyay 05/19/2025

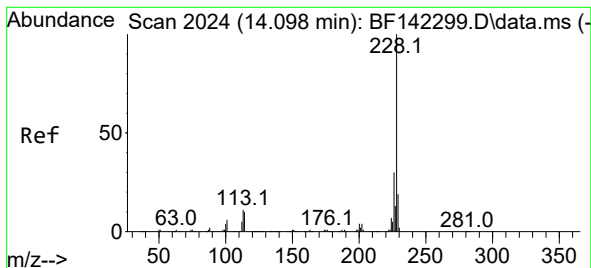


#82
3,3'-Dichlorobenzidine
Concen: 57.703 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45



Tgt Ion:252 Resp: 263327
Ion Ratio Lower Upper
252 100
254 64.0 52.0 78.0
126 10.8 9.7 14.5





#83

Chrysene

Concen: 39.884 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 72862

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

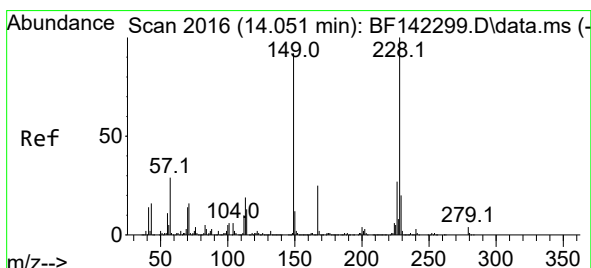
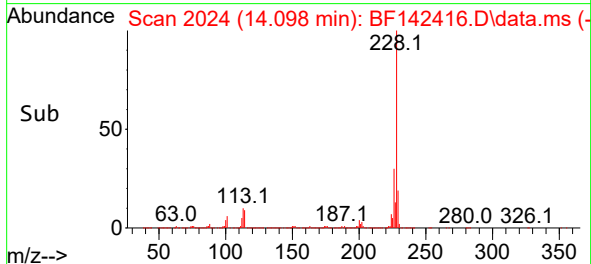
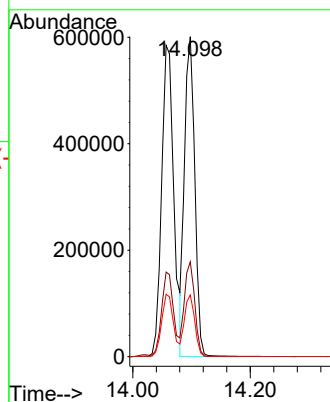
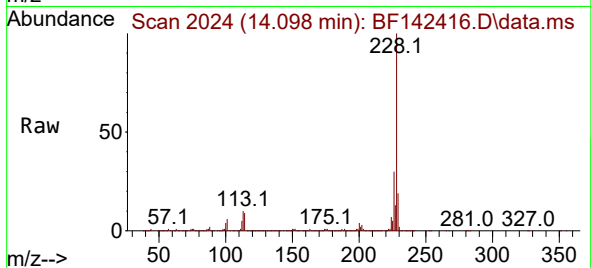
229 19.3 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.843 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

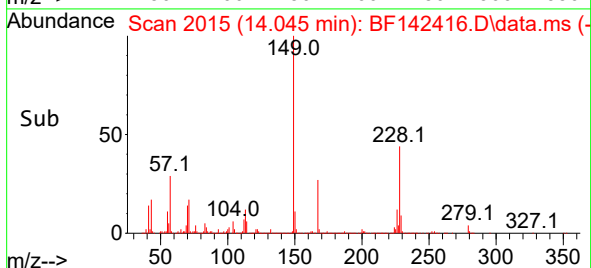
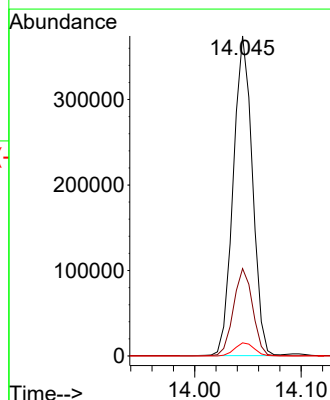
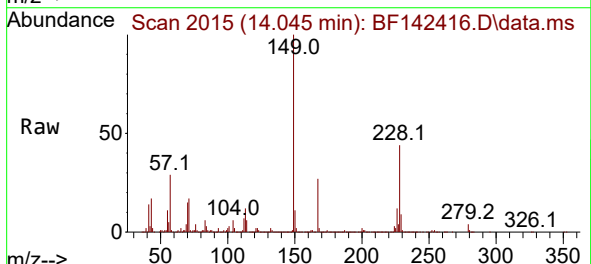
Tgt Ion:149 Resp: 467767

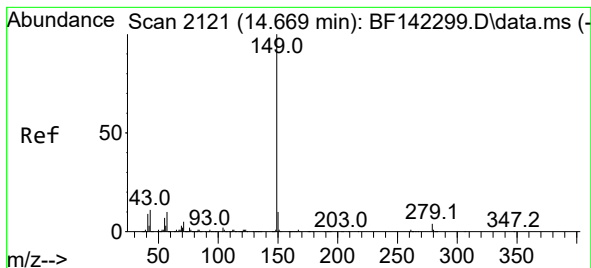
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.169 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 868754

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

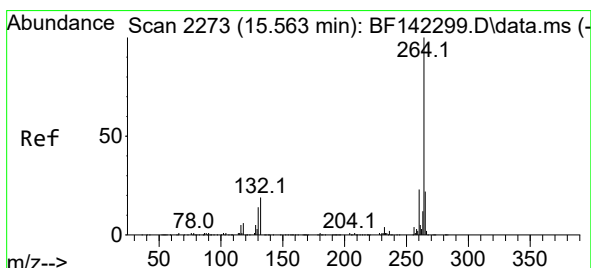
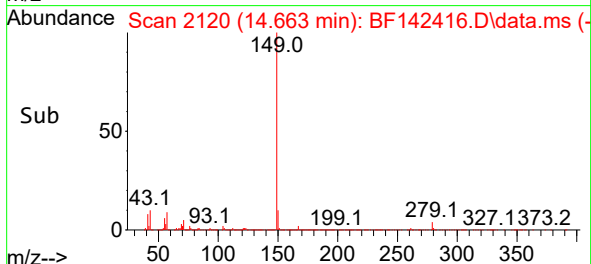
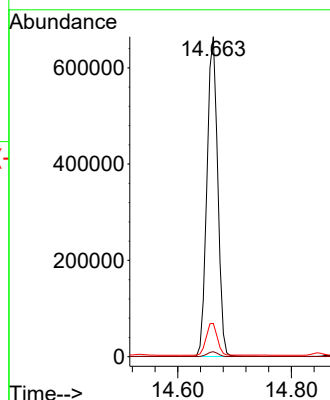
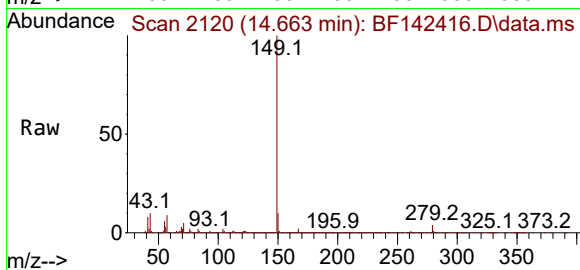
43 10.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

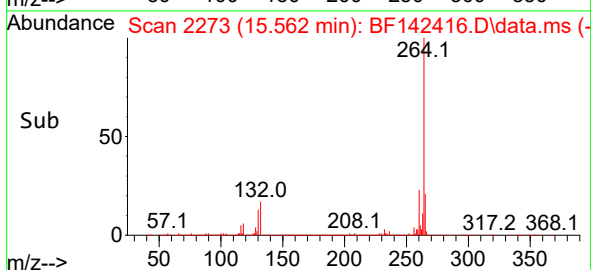
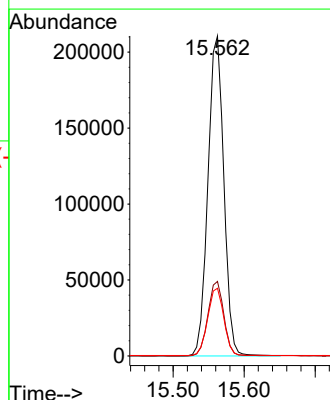
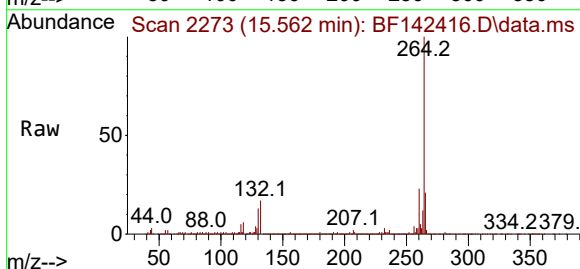
Tgt Ion:264 Resp: 328347

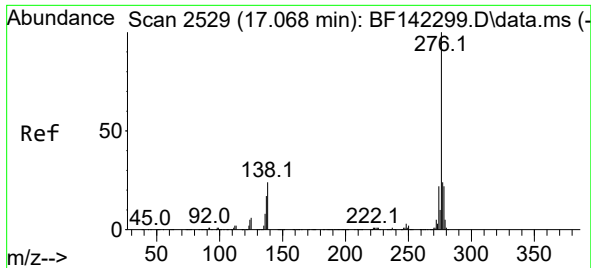
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.1 17.5 26.3





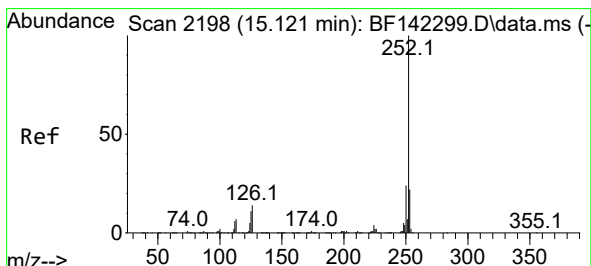
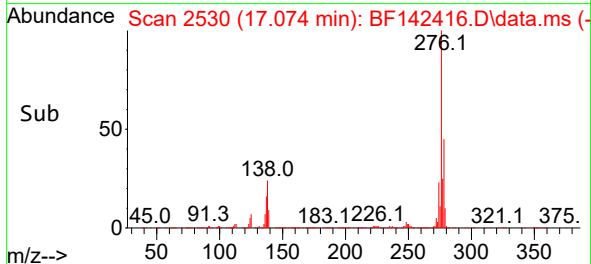
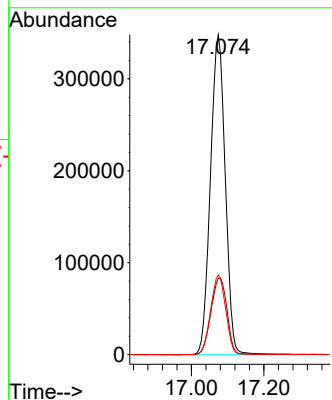
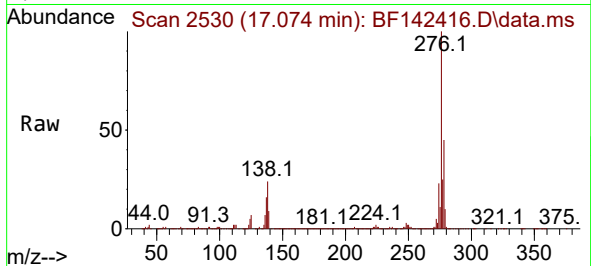
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.208 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 986914
Ion Ratio Lower Upper
276 100
138 25.8 22.0 33.0
277 25.2 20.1 30.1

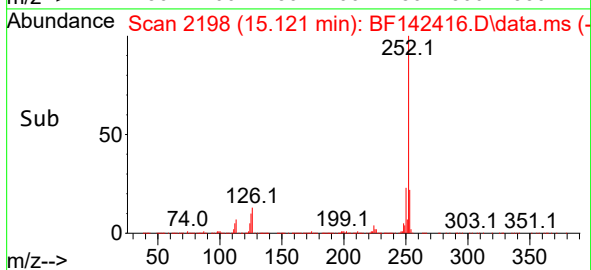
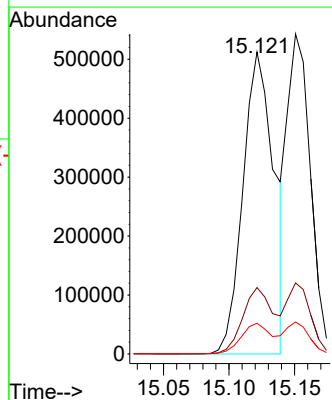
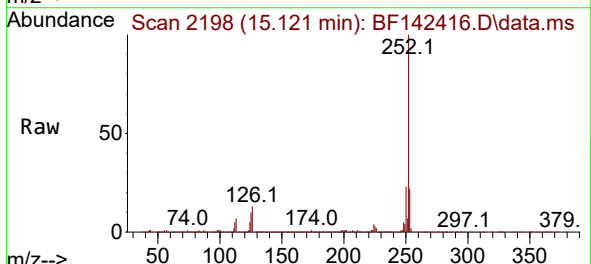
Manual Integrations
APPROVED

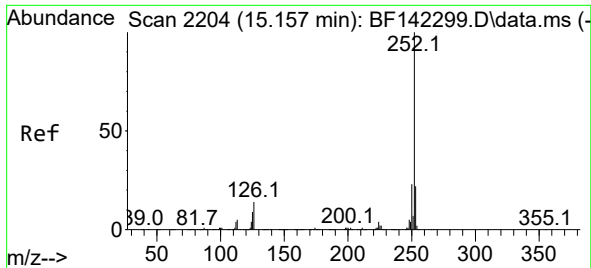
Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:252 Resp: 843448
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 37.103 ng

RT: 15.151 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 675230

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

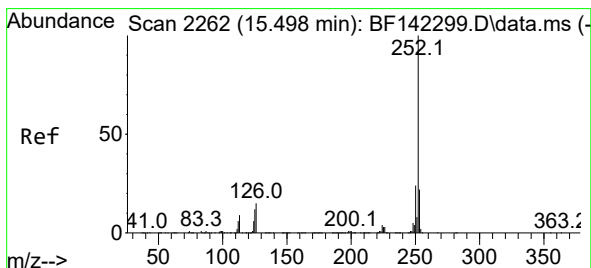
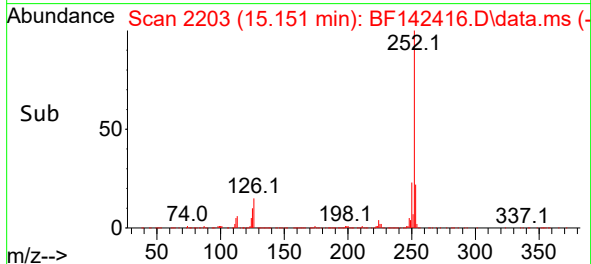
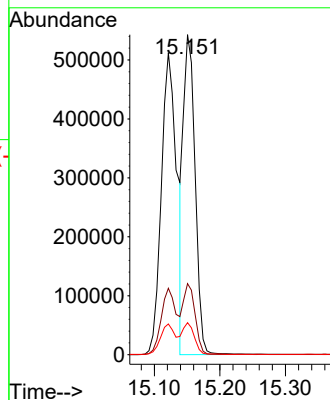
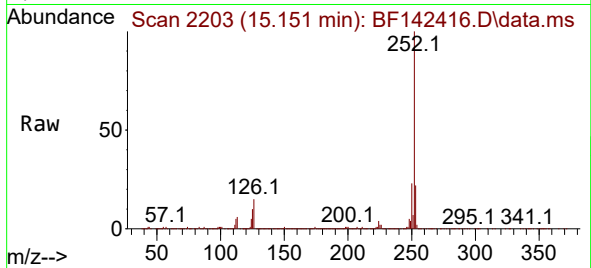
125 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/19/2025

Supervised By :Jagrut Upadhyay 05/19/2025



#90

Benzo(a)pyrene

Concen: 42.390 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142416.D

Acq: 16 May 2025 09:45

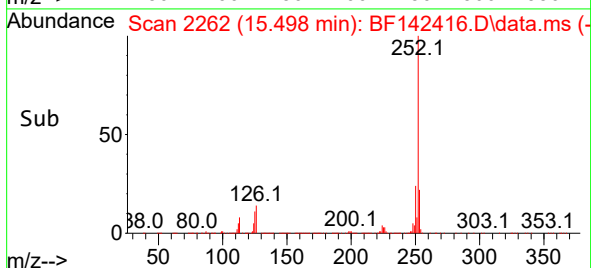
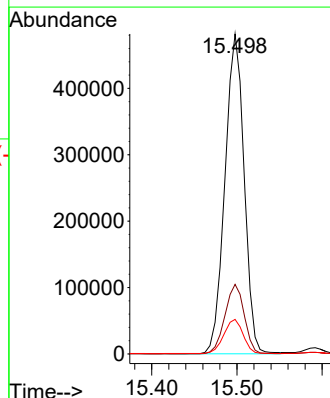
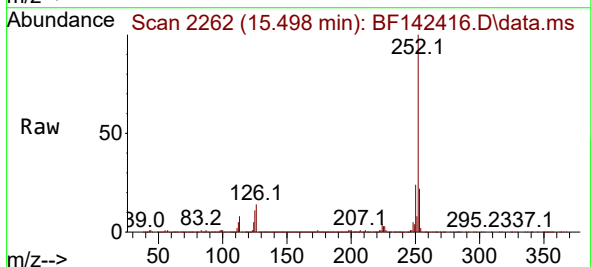
Tgt Ion:252 Resp: 755410

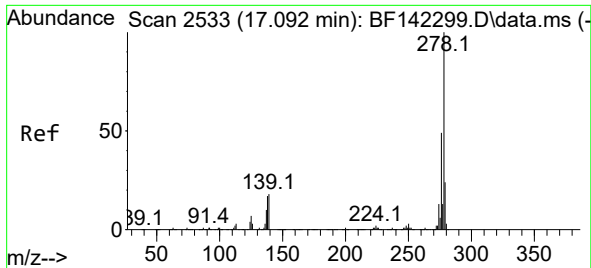
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.8 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 42.874 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Instrument :

BNA_F

ClientSampleId :

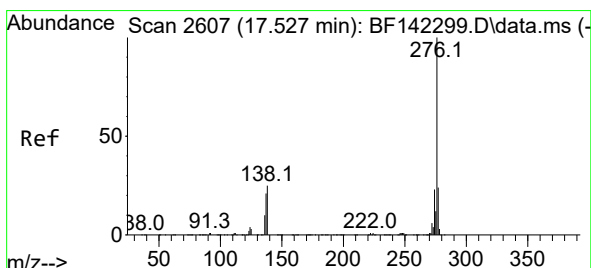
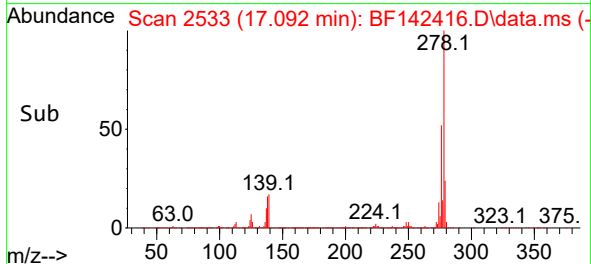
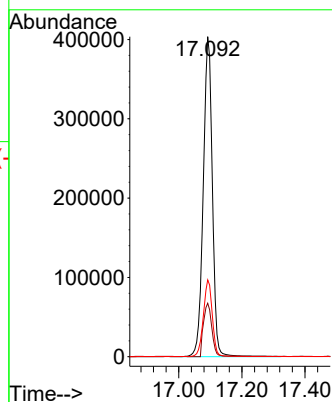
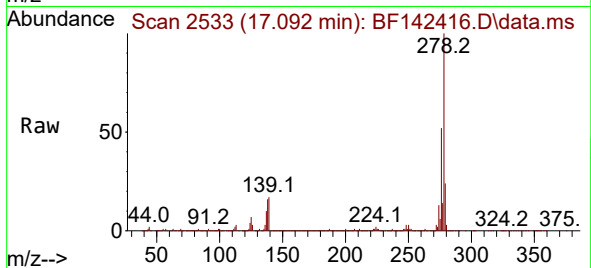
SSTDCCC040

Tgt Ion:278 Resp: 80903
Ion Ratio Lower Upper
278 100
139 16.7 14.5 21.7
279 24.0 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025



#92
Benzo(g,h,i)perylene
Concen: 42.383 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF142416.D
Acq: 16 May 2025 09:45

Tgt Ion:276 Resp: 793782
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.8 19.8 29.6

