

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143419.D
 Acq On : 15 Aug 2025 15:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:26:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:23:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131465	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508953	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	281751	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	446308	20.000	ng	0.00
76) Chrysene-d12	14.086	240	237684	20.000	ng	0.00
86) Perylene-d12	15.574	264	269028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	322905	42.697	ng	0.00
7) Phenol-d6	6.557	99	403785	42.366	ng	0.00
23) Nitrobenzene-d5	7.481	82	358277	41.772	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	104587	41.705	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	727542	43.433	ng	0.00
79) Terphenyl-d14	13.027	244	631704	44.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	74627	20.500	ng	99
3) Pyridine	3.516	79	195638	20.491	ng	99
4) n-Nitrosodimethylamine	3.440	42	88004	19.831	ng	97
6) Aniline	6.587	93	274228	21.194	ng	98
8) 2-Chlorophenol	6.716	128	177182	21.221	ng	98
9) Benzaldehyde	6.475	77	140473	27.706	ng	99
10) Phenol	6.569	94	239446	21.530	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	171939	20.856	ng	98
12) 1,3-Dichlorobenzene	6.869	146	197517	21.118	ng	99
13) 1,4-Dichlorobenzene	6.946	146	196309	21.024	ng	99
14) 1,2-Dichlorobenzene	7.098	146	188077	21.088	ng	100
15) Benzyl Alcohol	7.063	79	145881	20.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	301172	21.369	ng	99
17) 2-Methylphenol	7.175	107	141953	20.838	ng	98
18) Hexachloroethane	7.440	117	67502	21.238	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	123829	20.987	ng	98
20) 3+4-Methylphenols	7.328	107	182897	22.454	ng	98
22) Acetophenone	7.328	105	234922	21.468	ng	99
24) Nitrobenzene	7.504	77	189535	21.143	ng	99
25) Isophorone	7.740	82	341350	20.794	ng	100
26) 2-Nitrophenol	7.822	139	86694	20.862	ng	99
27) 2,4-Dimethylphenol	7.857	122	153145	21.796	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	210282	20.840	ng	100
29) 2,4-Dichlorophenol	8.069	162	153094	21.374	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	154544	21.058	ng	98
31) Naphthalene	8.228	128	515775	21.346	ng	100
32) Benzoic acid	7.957	122	71922m	19.776	ng	
33) 4-Chloroaniline	8.275	127	184406	21.143	ng	99
34) Hexachlorobutadiene	8.351	225	97824	20.903	ng	99
35) Caprolactam	8.622	113	42831	20.770	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	153403	20.795	ng	98
37) 2-Methylnaphthalene	8.922	142	349766	21.475	ng	100
38) 1-Methylnaphthalene	9.022	142	337056	21.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	164739	20.965	ng	99
41) Hexachlorocyclopentadiene	9.075	237	39498	19.242	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	102250	20.860	ng	99

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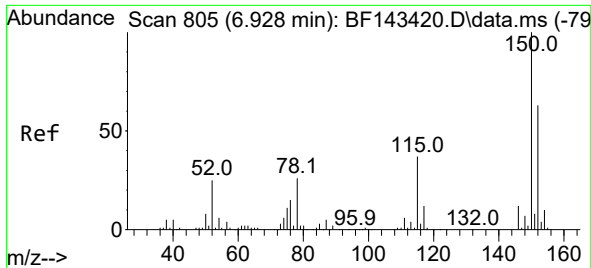
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	111266	21.177	ng	98
46) 1,1'-Biphenyl	9.381	154	423276	21.382	ng	99
47) 2-Chloronaphthalene	9.410	162	332051	21.249	ng	98
48) 2-Nitroaniline	9.498	65	96534	20.759	ng	100
49) Acenaphthylene	9.822	152	480293	21.288	ng	99
50) Dimethylphthalate	9.675	163	367621	20.928	ng	99
51) 2,6-Dinitrotoluene	9.734	165	72730	21.003	ng	99
52) Acenaphthene	9.992	154	322026	21.221	ng	100
53) 3-Nitroaniline	9.910	138	79853	20.702	ng	99
54) 2,4-Dinitrophenol	10.022	184	24644	19.975	ng	97
55) Dibenzofuran	10.169	168	468229	21.390	ng	99
56) 4-Nitrophenol	10.075	139	47964	19.778	ng	98
57) 2,4-Dinitrotoluene	10.139	165	97735	21.170	ng	97
58) Fluorene	10.510	166	362746	21.570	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	82552	20.756	ng	96
60) Diethylphthalate	10.375	149	342918	21.125	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	175302	21.084	ng	99
62) 4-Nitroaniline	10.516	138	76220	21.129	ng	99
63) Azobenzene	10.657	77	346304	21.108	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	43027	18.685	ng	96
66) n-Nitrosodiphenylamine	10.616	169	301902	20.804	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	108605	20.607	ng	96
68) Hexachlorobenzene	11.063	284	115655	20.642	ng	99
69) Atrazine	11.139	200	87958	20.722	ng	98
70) Pentachlorophenol	11.257	266	47465	19.081	ng	98
71) Phenanthrene	11.475	178	505004	20.895	ng	100
72) Anthracene	11.522	178	520546	21.325	ng	100
73) Carbazole	11.675	167	435759	21.107	ng	100
74) Di-n-butylphthalate	12.004	149	433056	21.064	ng	100
75) Fluoranthene	12.657	202	458001	21.327	ng	99
77) Benzidine	12.775	184	178128	26.473	ng	99
78) Pyrene	12.886	202	463473	22.435	ng	99
80) Butylbenzylphthalate	13.498	149	105931	20.702	ng	99
81) Benzo(a)anthracene	14.074	228	313332	20.706	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	90692	20.470	ng	98
83) Chrysene	14.110	228	294690	21.065	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	148211	20.395	ng	99
85) Di-n-octyl phthalate	14.669	149	287456	19.503	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	422226	20.929	ng	99
88) Benzo(b)fluoranthene	15.133	252	311415	21.598	ng	99
89) Benzo(k)fluoranthene	15.163	252	274840	19.326	ng	99
90) Benzo(a)pyrene	15.510	252	283654	20.655	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	343124	21.179	ng	99
92) Benzo(g,h,i)perylene	17.545	276	338060	20.888	ng	100

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



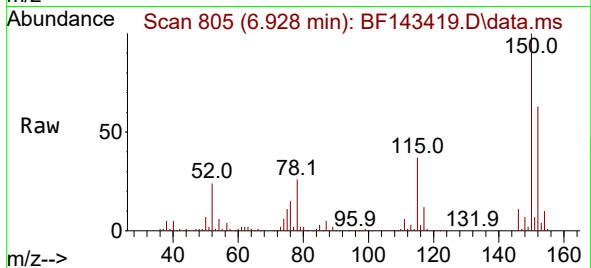
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143419.D
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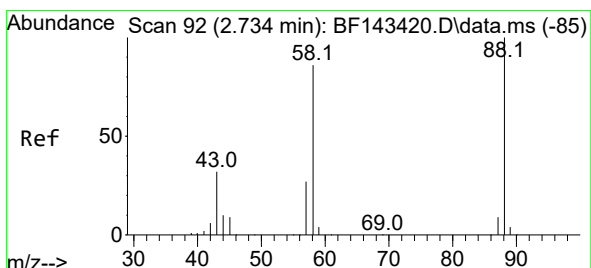
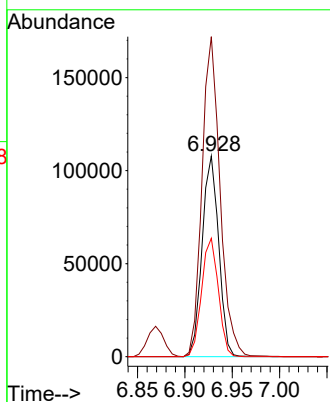
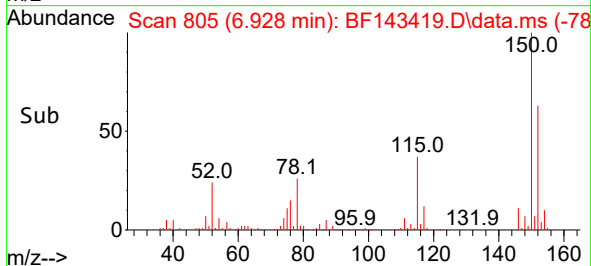
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Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 59.0 47.5 71.3

Manual Integrations

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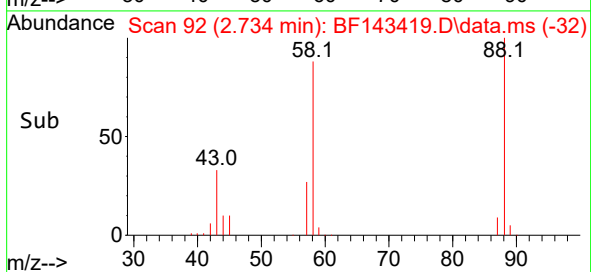
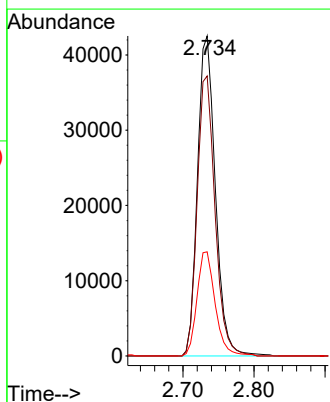
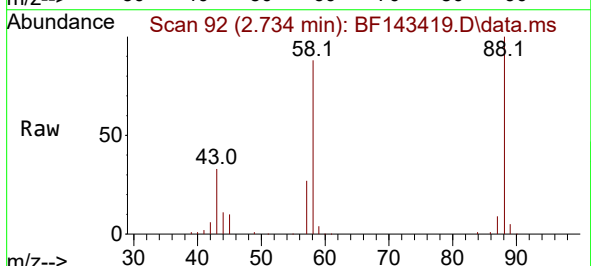
Reviewed By :Rahul Chavli 08/18/2025

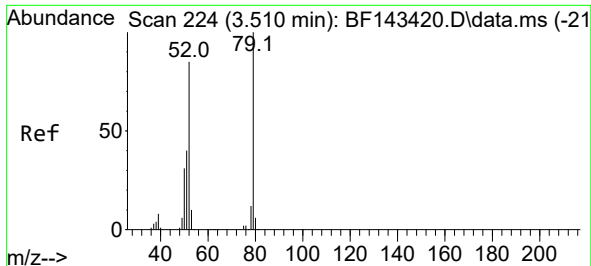
Supervised By :Jagrut Upadhyay 08/18/2025



#2
1,4-Dioxane
Concen: 20.500 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

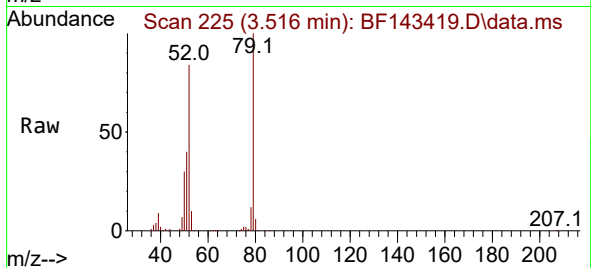
Tgt Ion: 88 Resp: 74627
Ion Ratio Lower Upper
88 100
58 87.5 68.7 103.1
43 33.1 26.1 39.1





#3
Pyridine
Concen: 20.491 ng
RT: 3.516 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

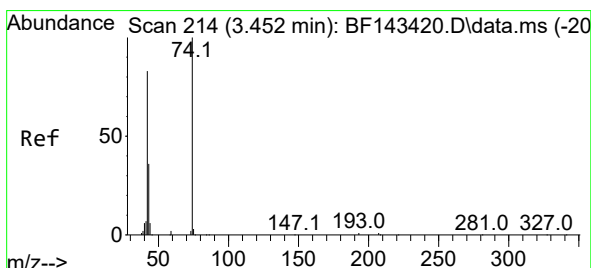
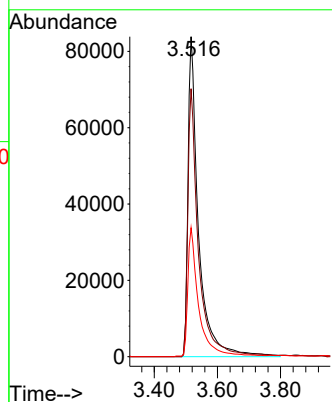
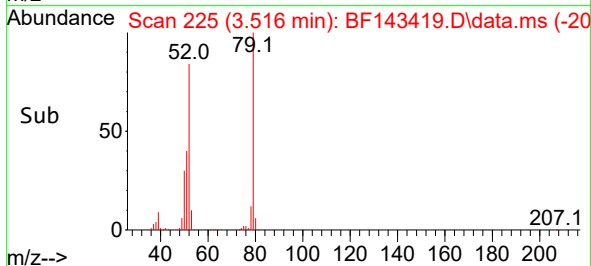
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BNA_F
ClientSampleId :
SSTDICC020



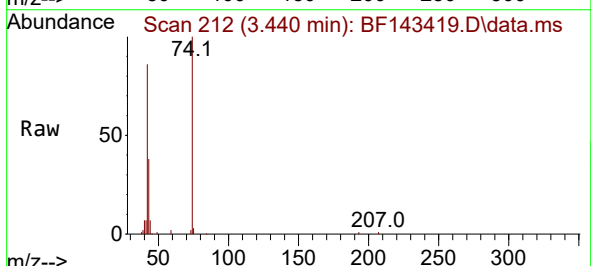
Tgt Ion: 79 Resp: 195638
Ion Ratio Lower Upper
79 100
52 83.8 67.7 101.5
51 40.3 32.3 48.5

Manual Integrations
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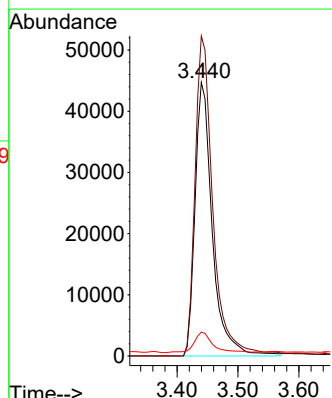
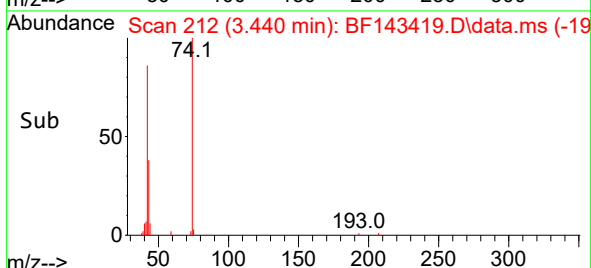
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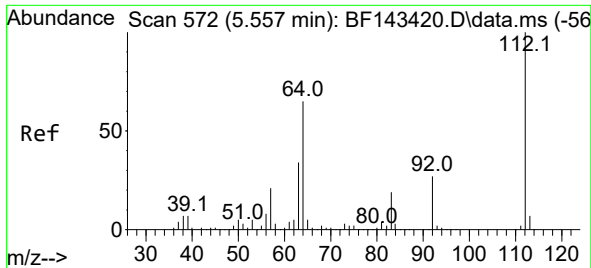


#4
n-Nitrosodimethylamine
Concen: 19.831 ng
RT: 3.440 min Scan# 212
Delta R.T. -0.012 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion: 42 Resp: 88004
Ion Ratio Lower Upper
42 100
74 117.0 96.2 144.4
44 8.7 5.9 8.9





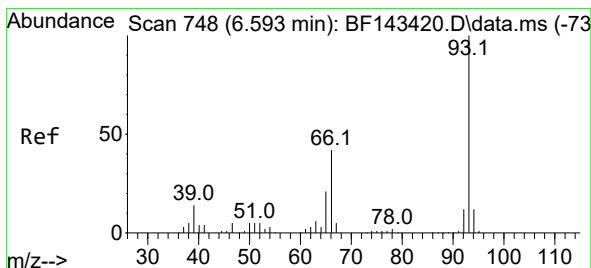
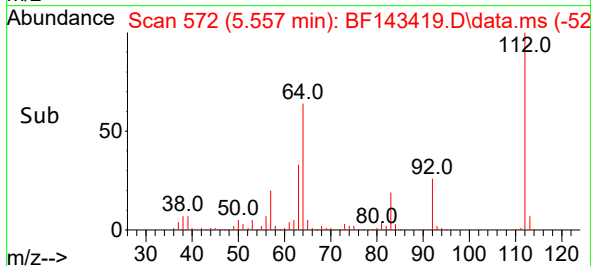
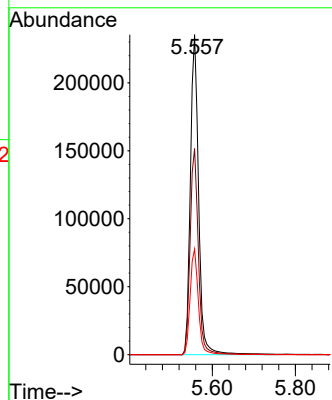
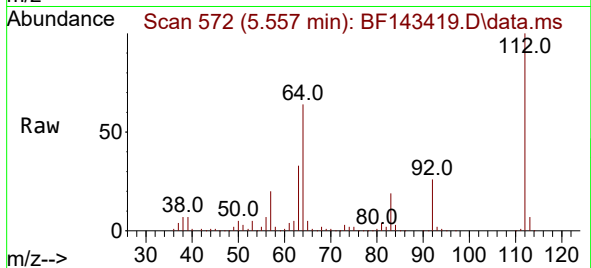
#5
2-Fluorophenol
Concen: 42.697 ng
RT: 5.557 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 32290
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.2
63 33.0 27.0 40.6

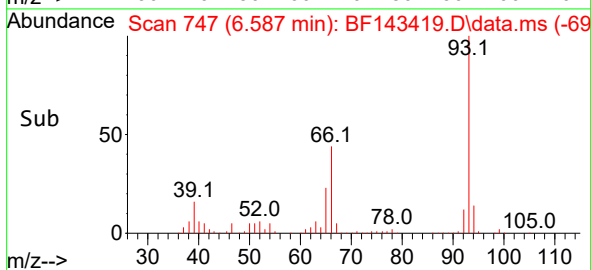
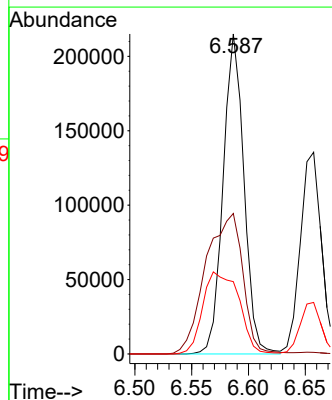
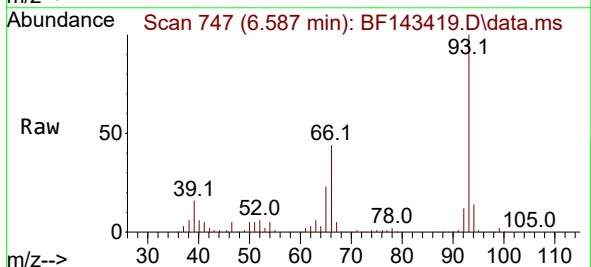
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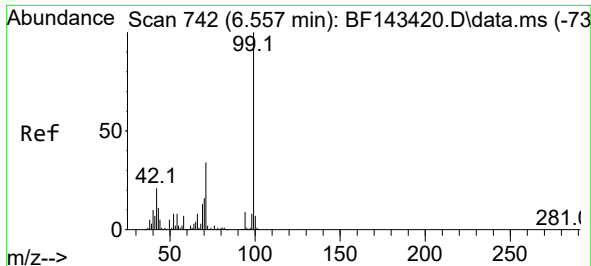
Reviewed By :Rahul Chavli 08/18/2025
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#6
Aniline
Concen: 21.194 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

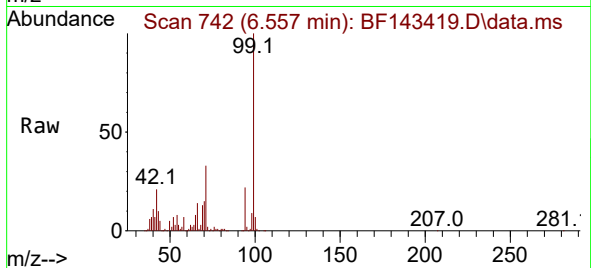
Tgt Ion: 93 Resp: 274228
Ion Ratio Lower Upper
93 100
66 43.9 33.8 50.8
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 42.366 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

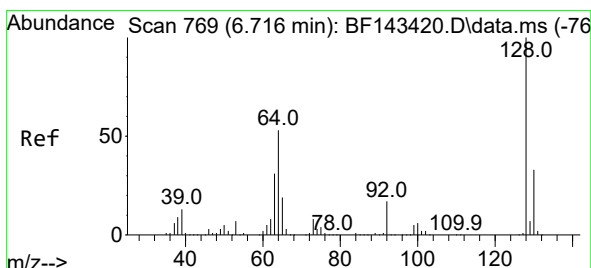
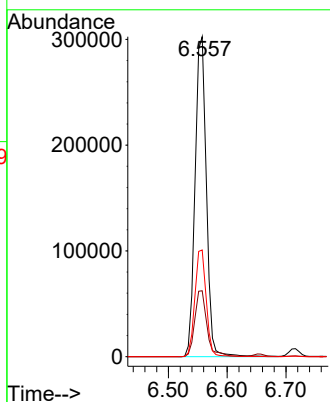
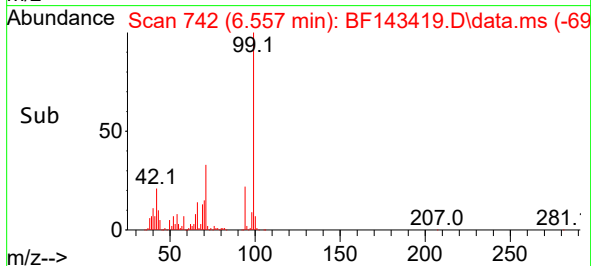
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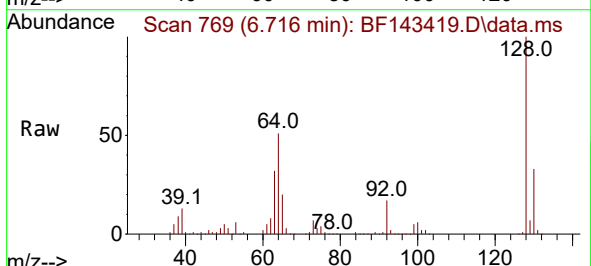
Tgt Ion: 99 Resp: 403785
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 33.4 27.4 41.2

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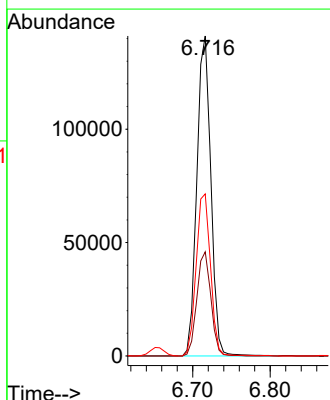
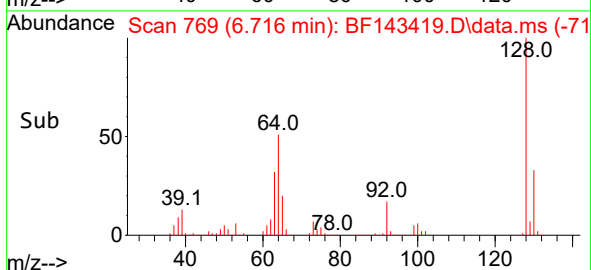
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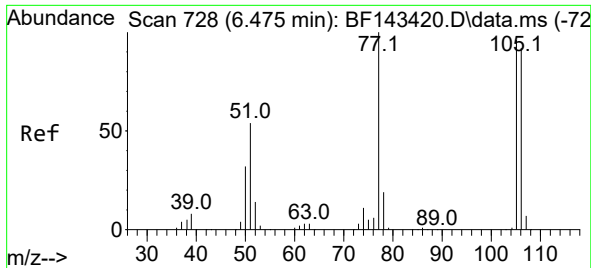


#8
2-Chlorophenol
Concen: 21.221 ng
RT: 6.716 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



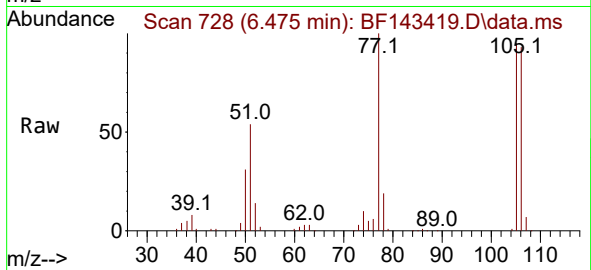
Tgt Ion:128 Resp: 177182
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 50.6 33.1 73.1





#9
Benzaldehyde
Concen: 27.706 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

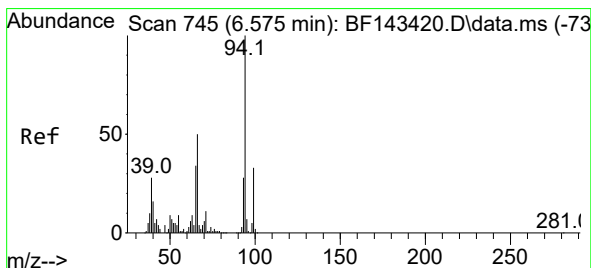
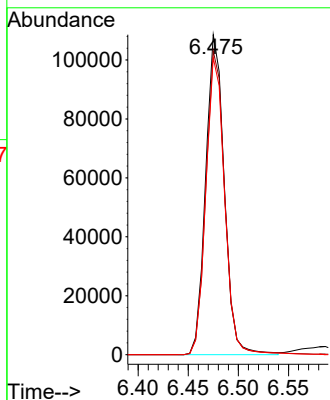
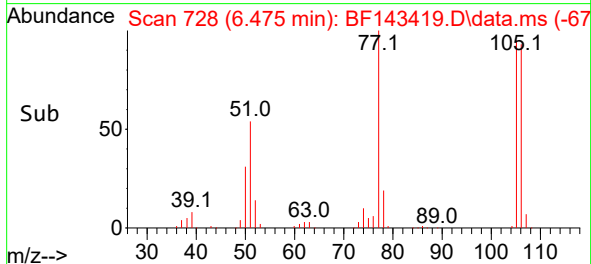
Instrument :
BNA_F
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SSTDICC020



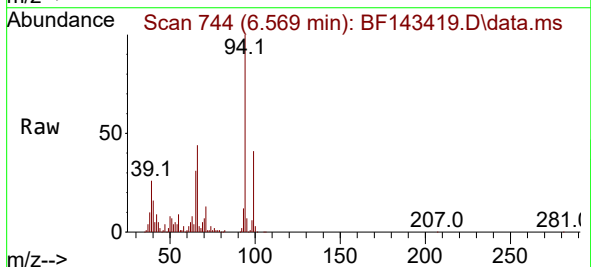
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Ion Ratio Lower Upper
77 100
105 94.9 75.5 115.5
106 92.8 72.0 112.0

Manual Integrations
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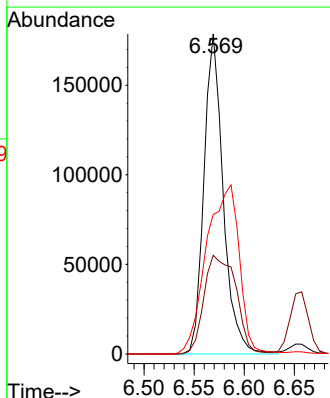
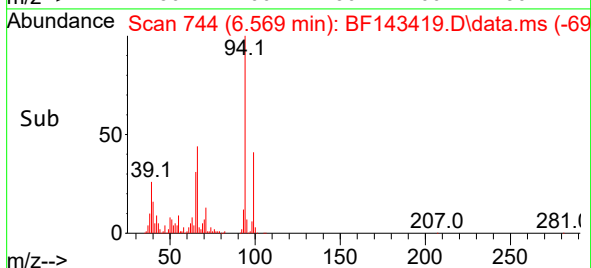
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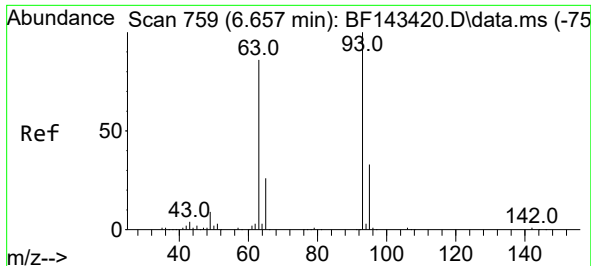


#10
Phenol
Concen: 21.530 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



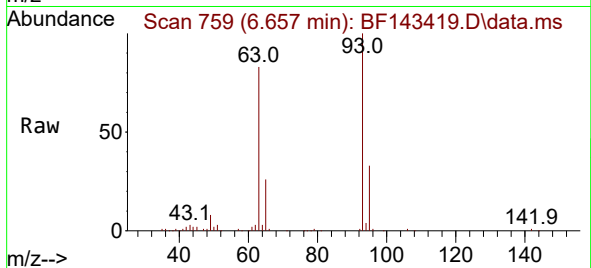
Tgt Ion: 94 Resp: 239446
Ion Ratio Lower Upper
94 100
65 30.9 13.7 53.7
66 43.6 30.3 70.3





#11
bis(2-Chloroethyl)ether
Concen: 20.856 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

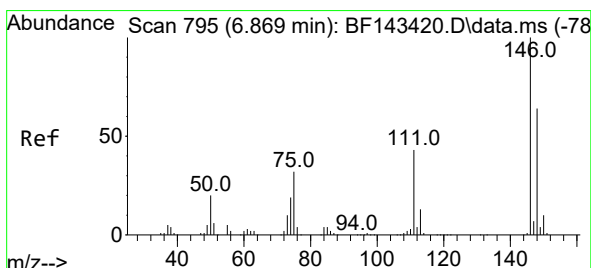
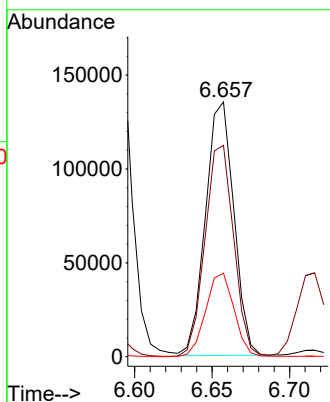
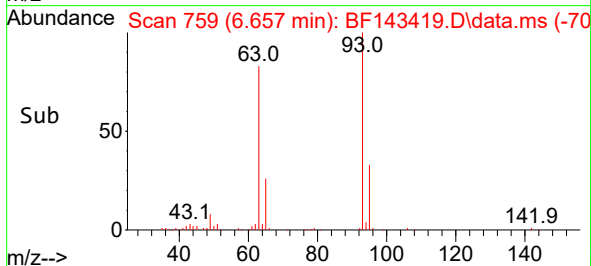
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



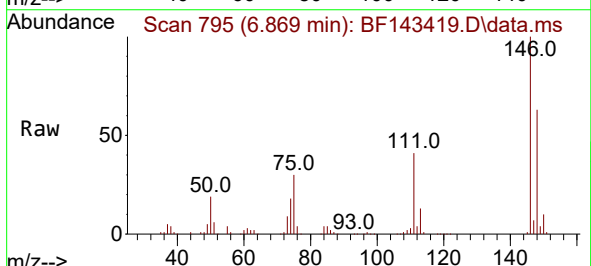
Tgt Ion: 93 Resp: 171939
Ion Ratio Lower Upper
93 100
63 83.0 65.4 105.4
95 32.8 12.8 52.8

Manual Integrations
APPROVED

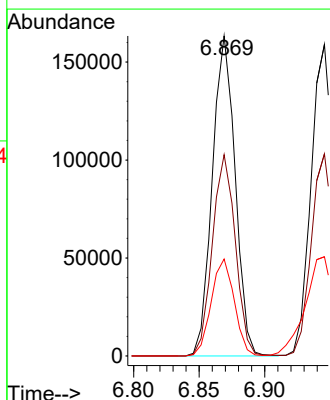
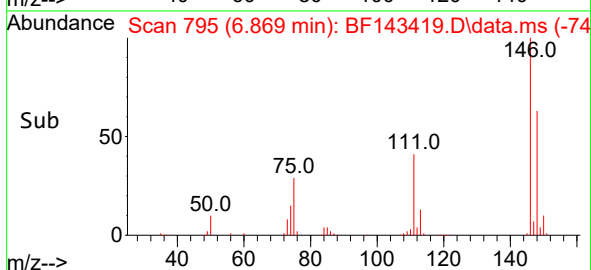
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

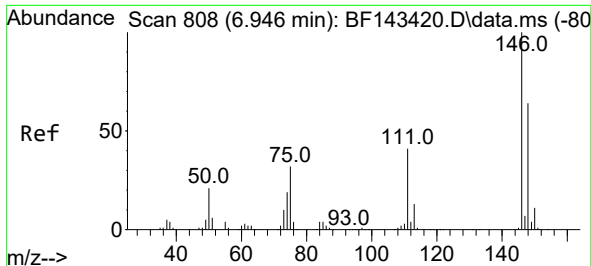


#12
1,3-Dichlorobenzene
Concen: 21.118 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:146 Resp: 197517
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 30.3 25.3 37.9





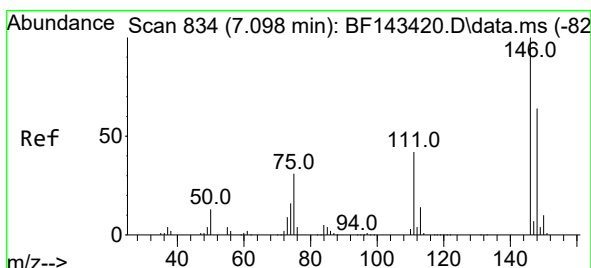
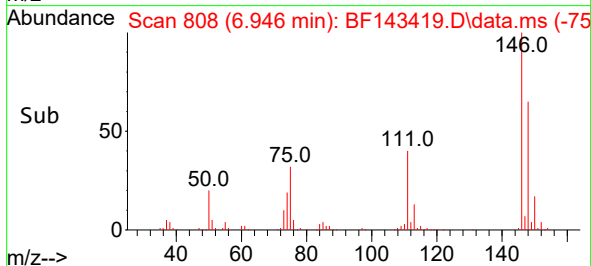
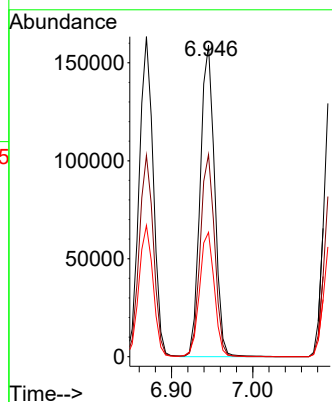
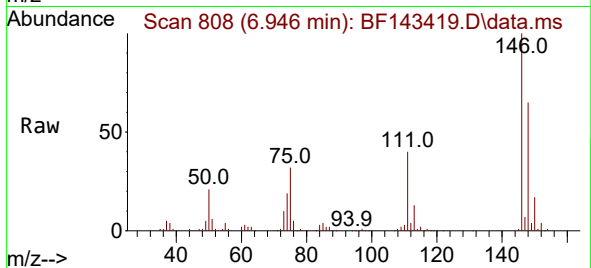
#13
1,4-Dichlorobenzene
Concen: 21.024 ng
RT: 6.946 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 196309
Ion Ratio Lower Upper
146 100
148 64.8 51.1 76.7
111 39.9 32.5 48.7

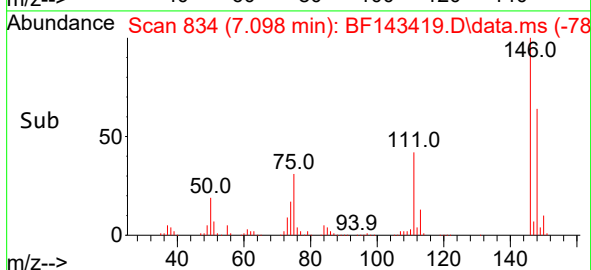
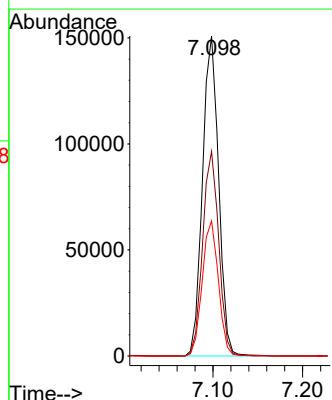
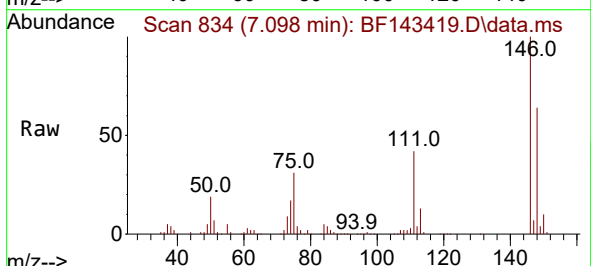
Manual Integrations
APPROVED

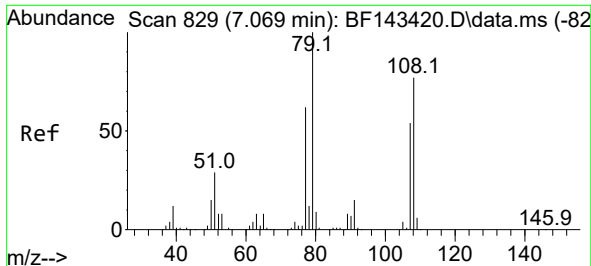
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#14
1,2-Dichlorobenzene
Concen: 21.088 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

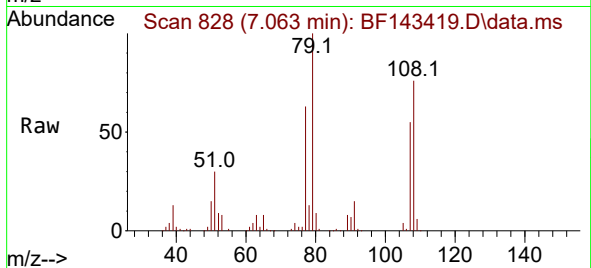
Tgt Ion:146 Resp: 188077
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
111 42.2 33.9 50.9





#15
Benzyl Alcohol
Concen: 20.755 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

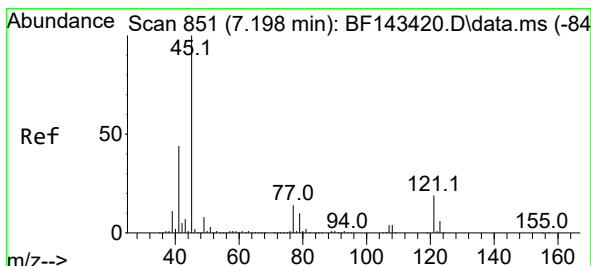
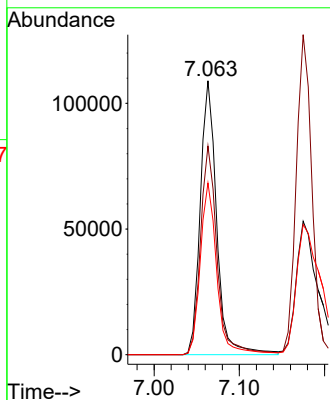
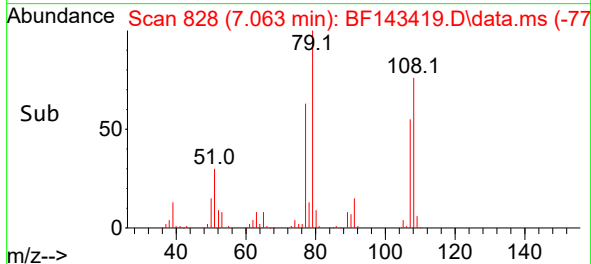
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 14588
Ion Ratio Lower Upper
79 100
108 76.2 61.9 92.9
77 62.7 49.2 73.8

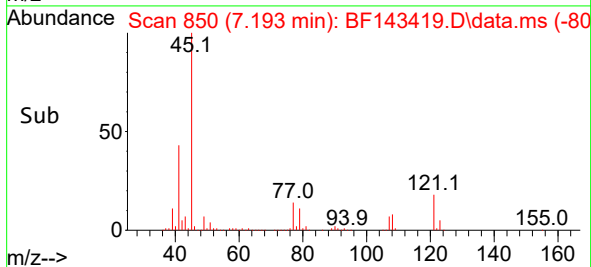
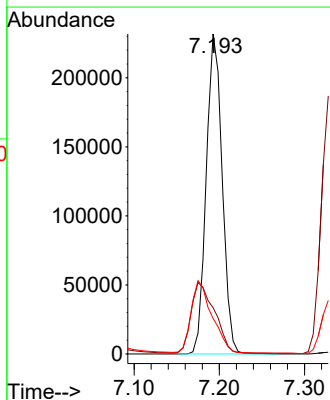
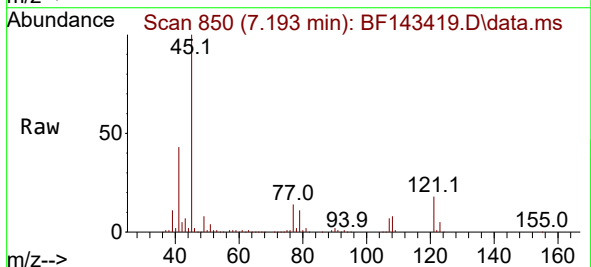
Manual Integrations
APPROVED

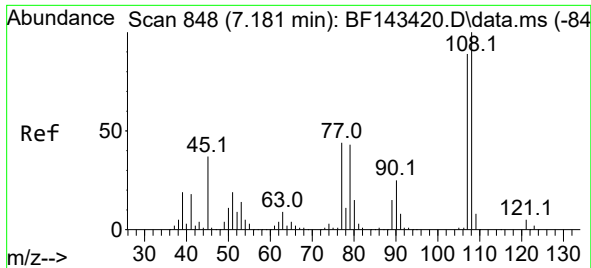
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.369 ng
RT: 7.193 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion: 45 Resp: 301172
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 11.1 0.0 30.7





#17
2-Methylphenol
Concen: 20.838 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

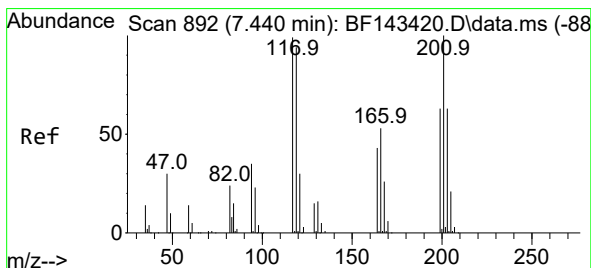
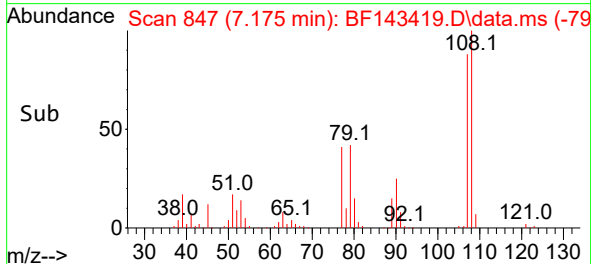
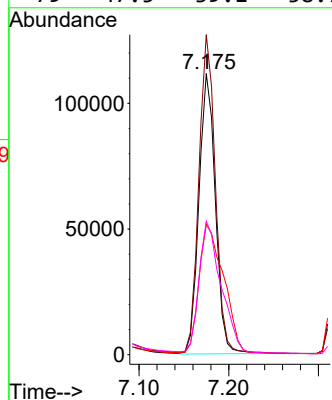
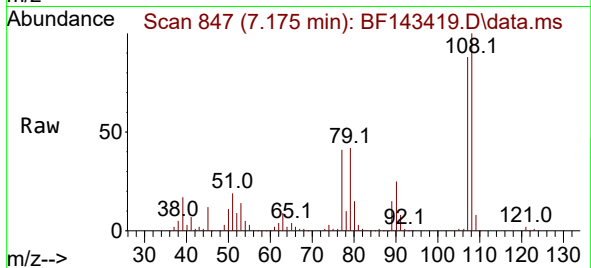
SSTDICC020

Tgt Ion:107 Resp: 14195
Ion Ratio Lower Upper
107 100
108 113.8 90.1 135.1
77 46.2 39.9 59.9
79 47.5 39.1 58.7

Manual Integrations

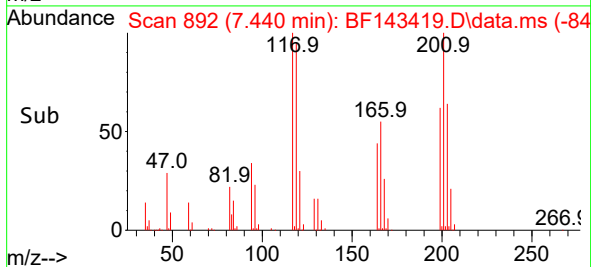
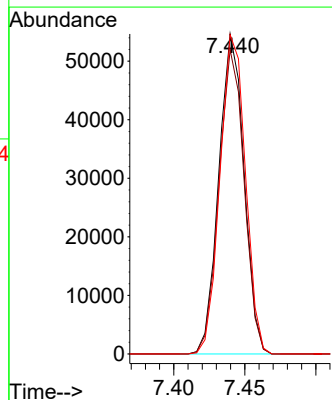
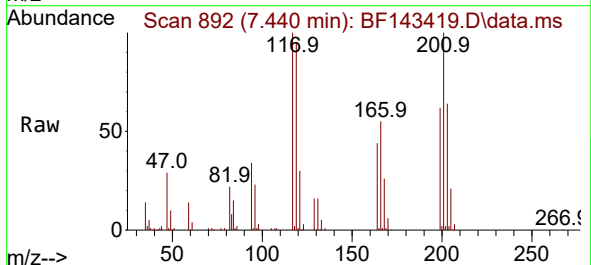
APPROVED

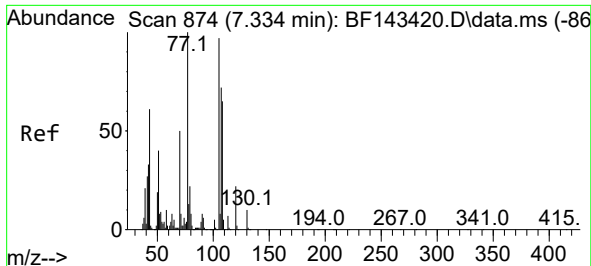
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#18
Hexachloroethane
Concen: 21.238 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

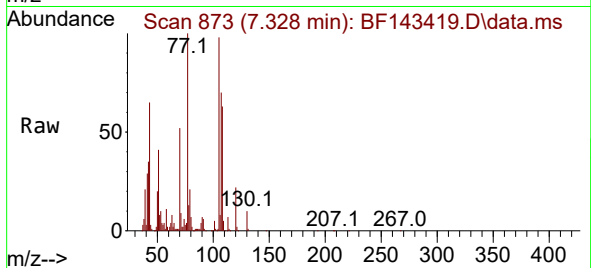
Tgt Ion:117 Resp: 67502
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 99.8 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 20.987 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

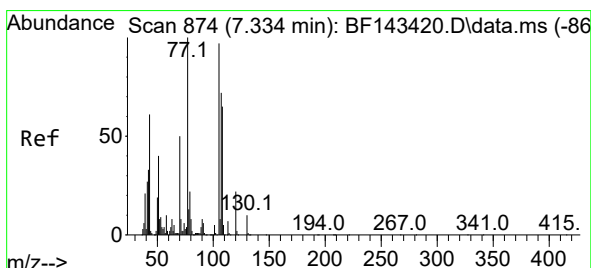
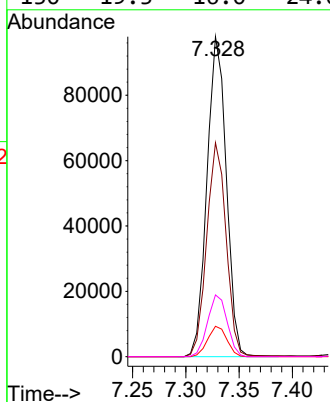
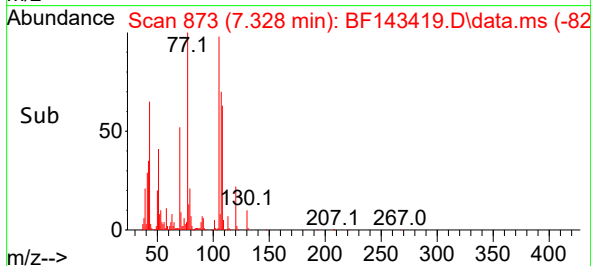
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 70 Resp: 123829
Ion Ratio Lower Upper
70 100
42 66.9 52.5 78.7
101 9.5 7.9 11.9
130 19.3 16.0 24.0

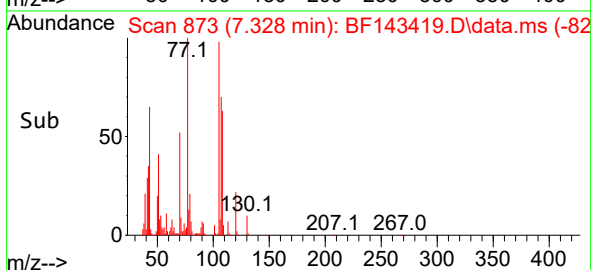
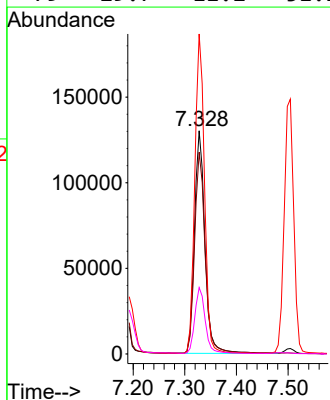
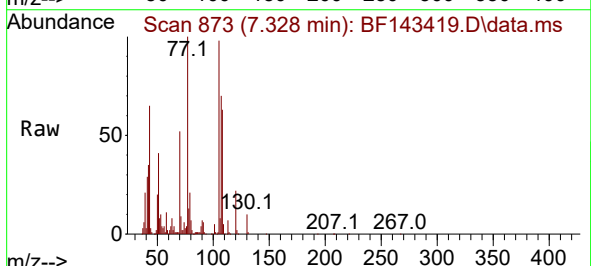
Manual Integrations
APPROVED

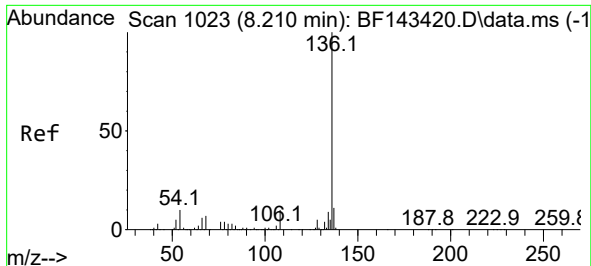
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#20
3+4-Methylphenols
Concen: 22.454 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

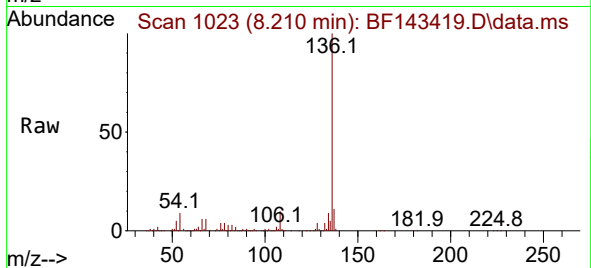
Tgt Ion:107 Resp: 182897
Ion Ratio Lower Upper
107 100
108 90.4 70.8 110.8
77 143.3 119.1 159.1
79 29.7 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

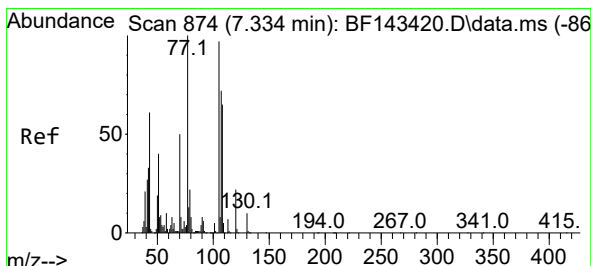
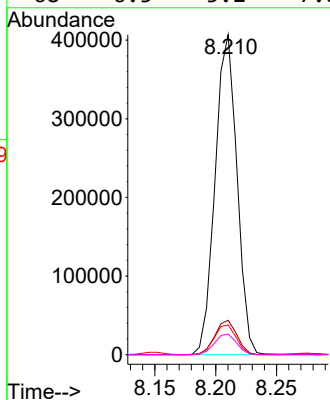
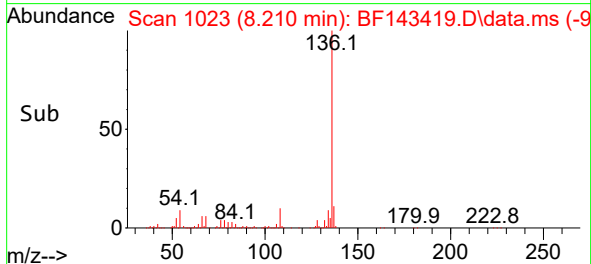
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 50895
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.3 7.8 11.8
68 6.5 5.2 7.8

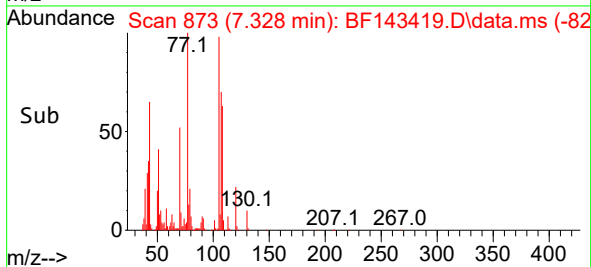
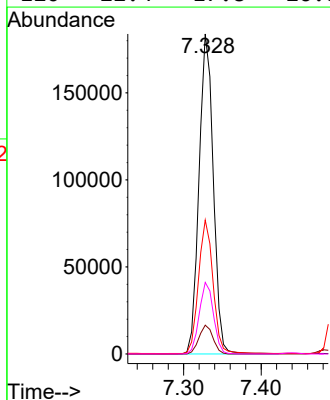
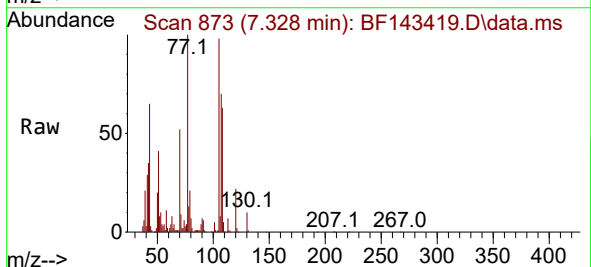
Manual Integrations
APPROVED

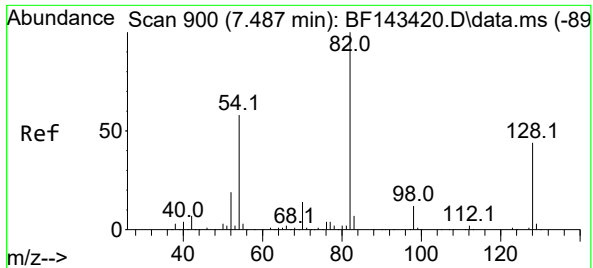
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#22
Acetophenone
Concen: 21.468 ng
RT: 7.328 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:105 Resp: 234922
Ion Ratio Lower Upper
105 100
71 9.0 7.0 10.4
51 41.9 32.7 49.1
120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 41.772 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

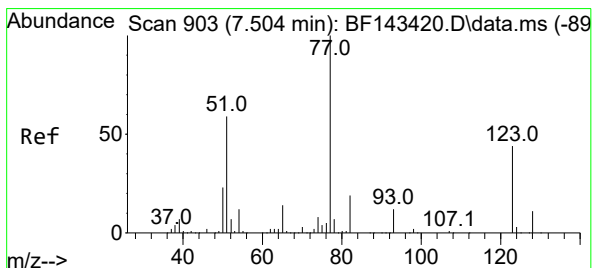
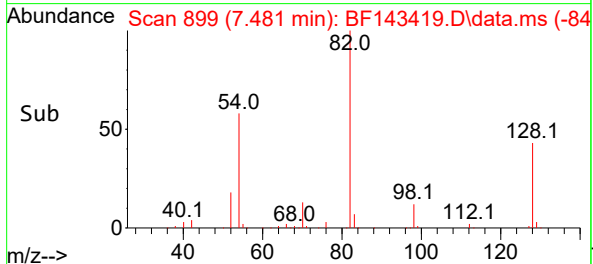
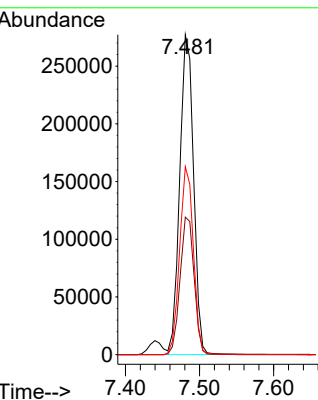
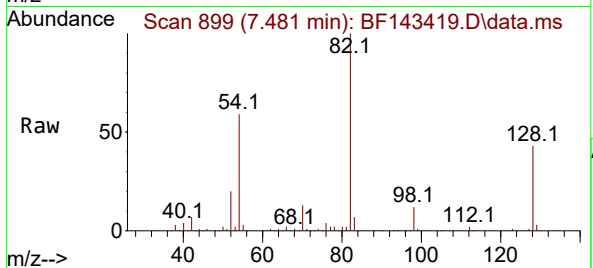
Tgt Ion: 82 Resp: 35827
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 58.7 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#24

Nitrobenzene

Concen: 21.143 ng

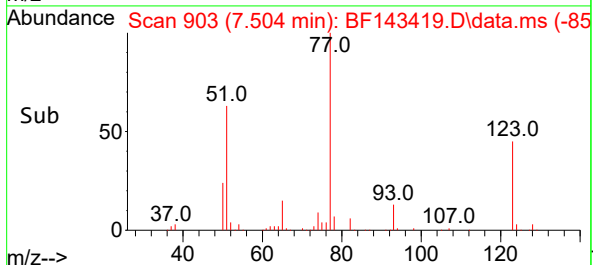
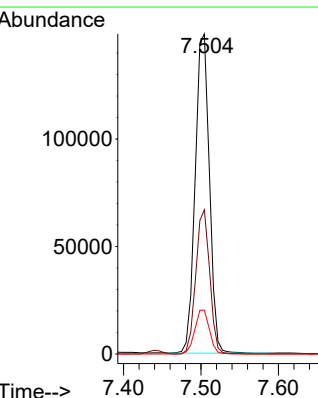
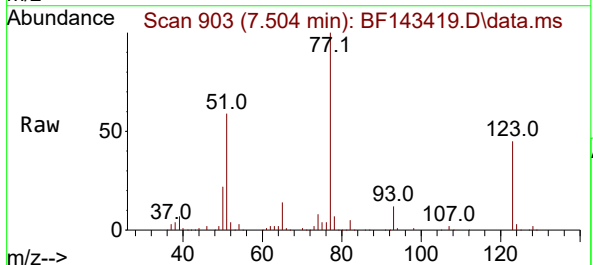
RT: 7.504 min Scan# 903

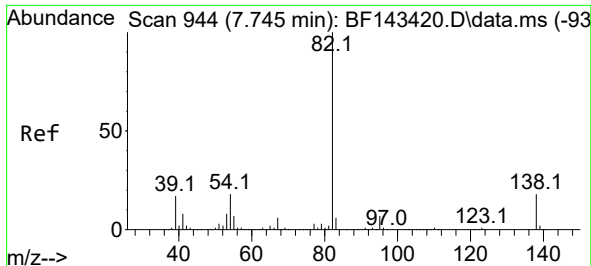
Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

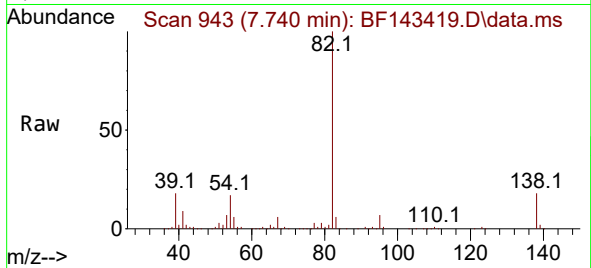
Tgt Ion: 77 Resp: 189535
 Ion Ratio Lower Upper
 77 100
 123 45.1 35.4 53.0
 65 13.7 11.2 16.8





#25
Isophorone
Concen: 20.794 ng
RT: 7.740 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

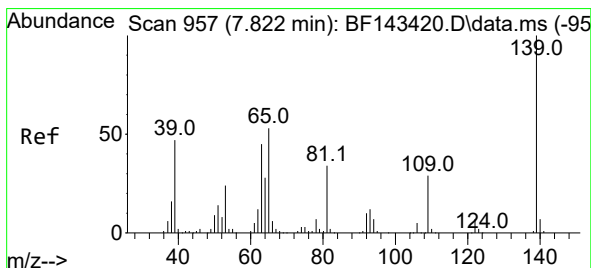
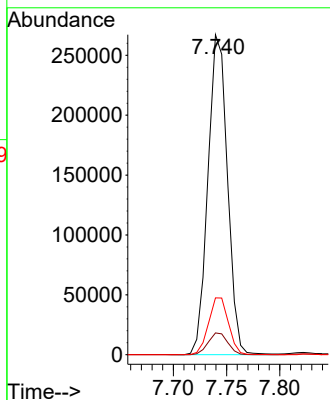
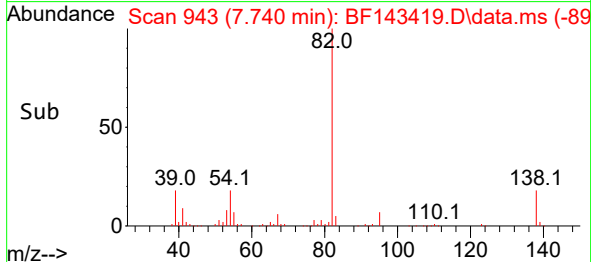
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 341350
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.8 14.3 21.5

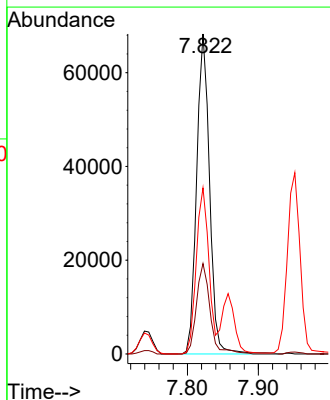
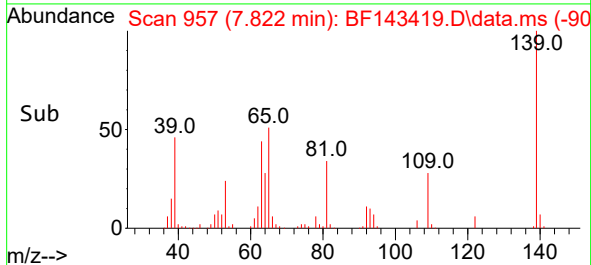
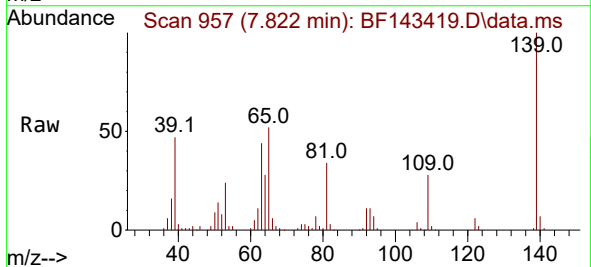
Manual Integrations
APPROVED

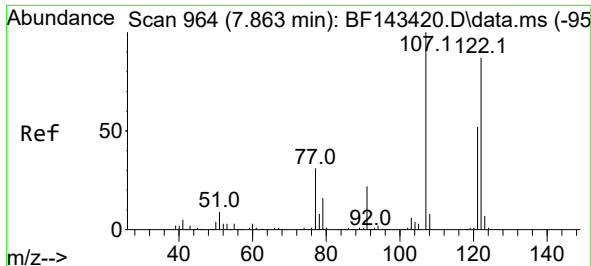
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#26
2-Nitrophenol
Concen: 20.862 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:139 Resp: 86694
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.4
65 51.9 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 21.796 ng

RT: 7.857 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

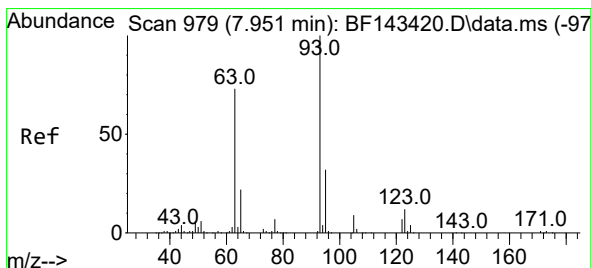
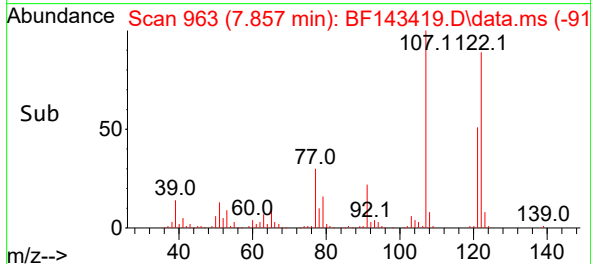
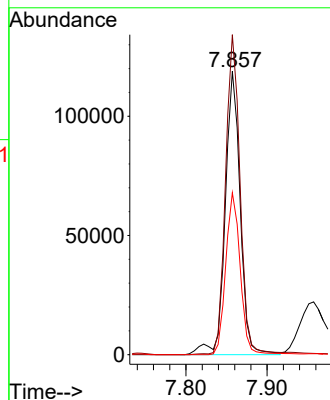
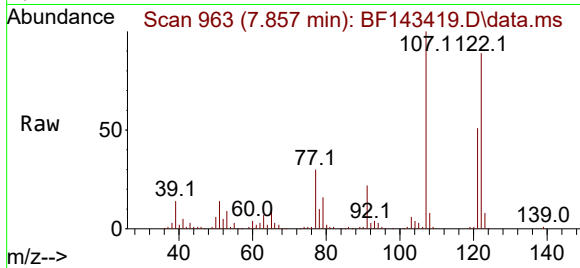
Tgt Ion:	122	Resp:	15314
Ion Ratio	Lower	Upper	
122	100		
107	112.9	90.4	135.6
121	57.2	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.840 ng

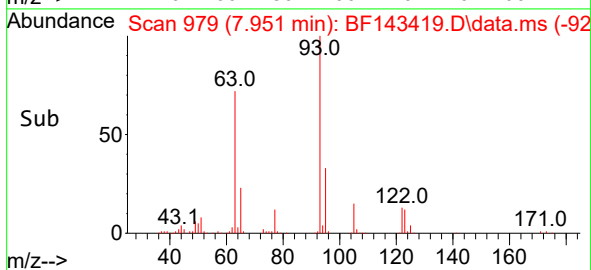
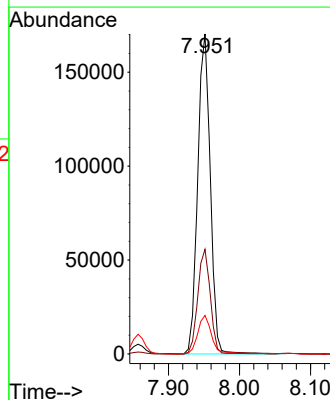
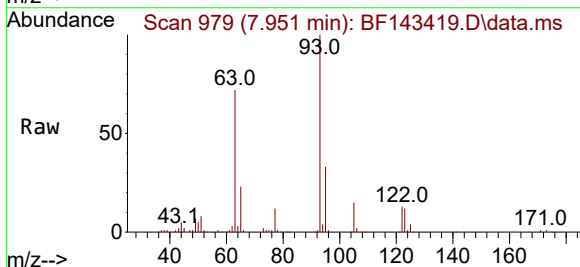
RT: 7.951 min Scan# 979

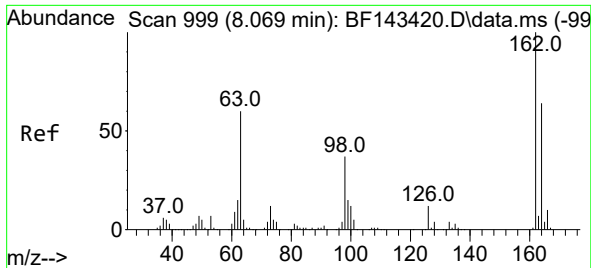
Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Tgt Ion:	93	Resp:	210282
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	12.1	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 21.374 ng

RT: 8.069 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF143419.D

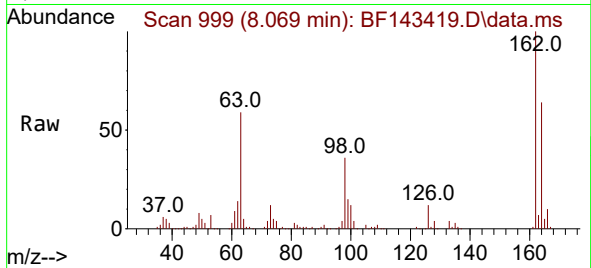
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



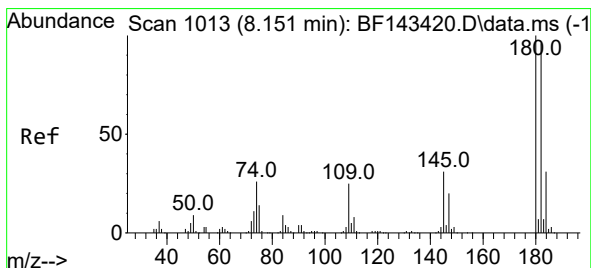
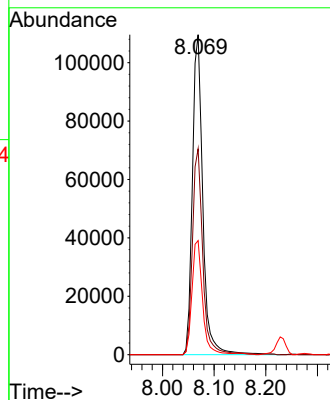
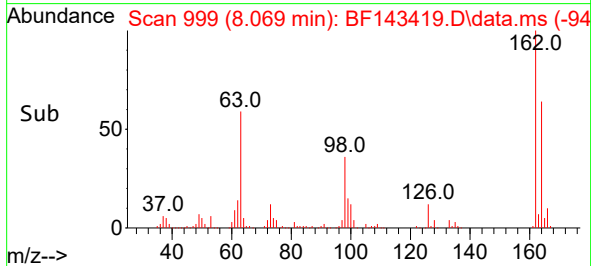
Tgt Ion:162	Resp:	153094
Ion Ratio	Lower	Upper
162	100	
164	64.4	44.3 84.3
98	35.7	16.9 56.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#30

1,2,4-Trichlorobenzene

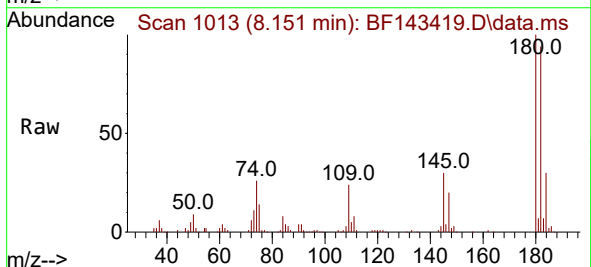
Concen: 21.058 ng

RT: 8.151 min Scan# 1013

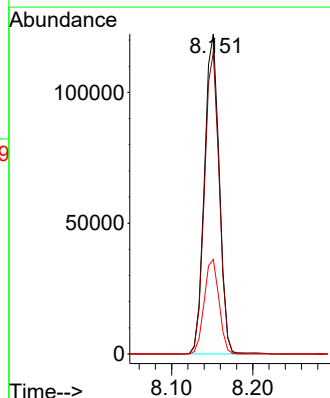
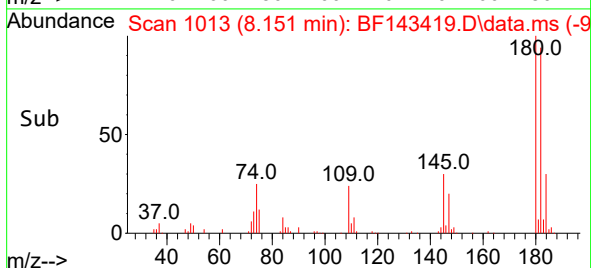
Delta R.T. 0.000 min

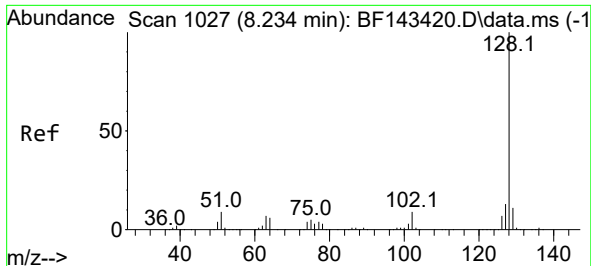
Lab File: BF143419.D

Acq: 15 Aug 2025 15:58



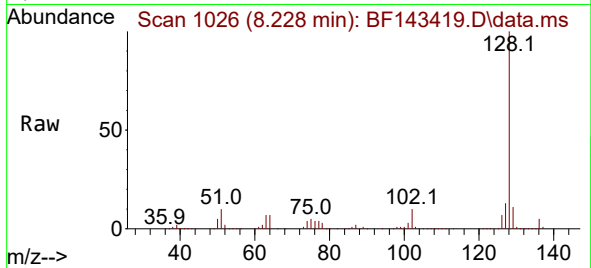
Tgt Ion:180	Resp:	154544
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.7 115.1
145	29.5	24.5 36.7





#31
Naphthalene
Concen: 21.346 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

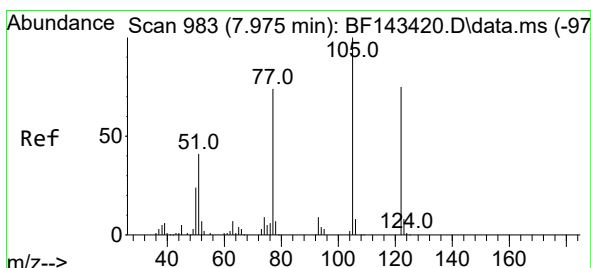
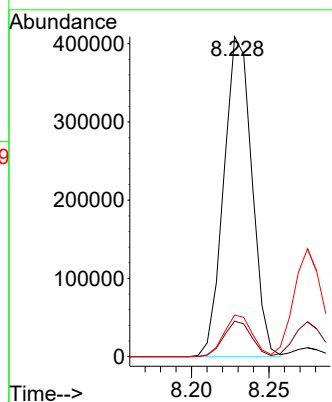
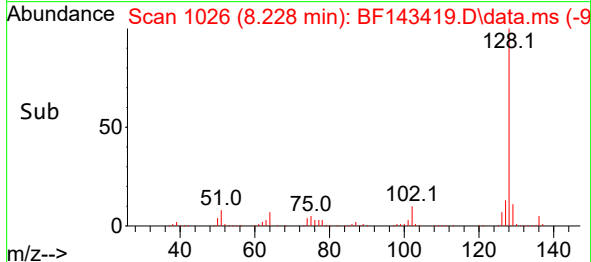
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 515775
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.6 16.0

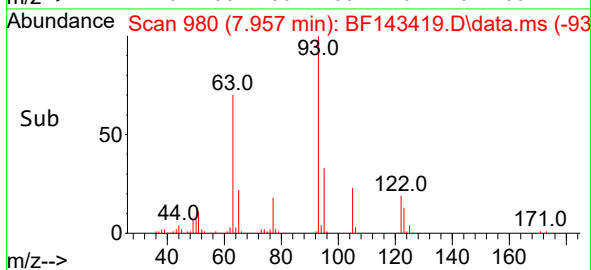
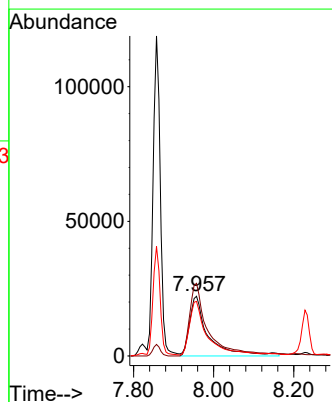
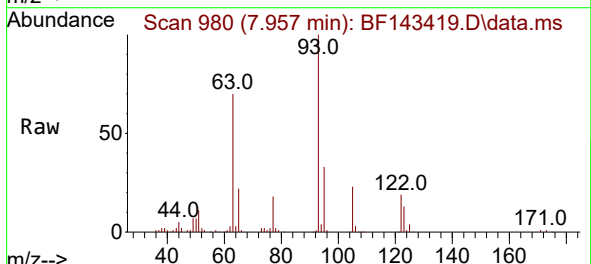
Manual Integrations
APPROVED

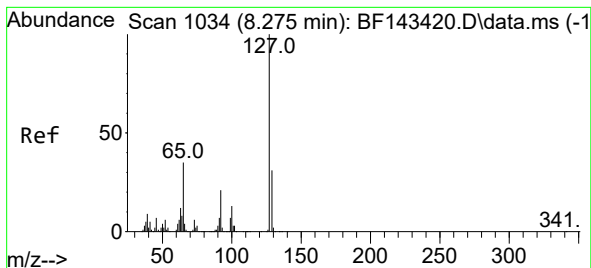
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#32
Benzoic acid
Concen: 19.776 ng m
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

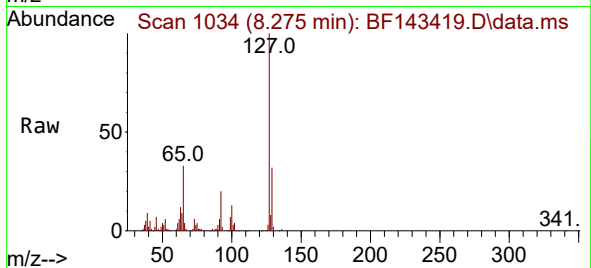
Tgt Ion:122 Resp: 71922
Ion Ratio Lower Upper
122 100
105 121.7 108.4 148.4
77 91.3 75.9 115.9





#33
4-Chloroaniline
Concen: 21.143 ng
RT: 8.275 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

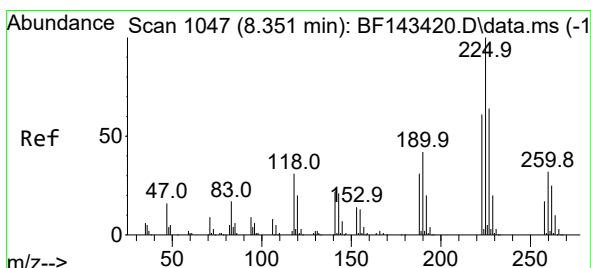
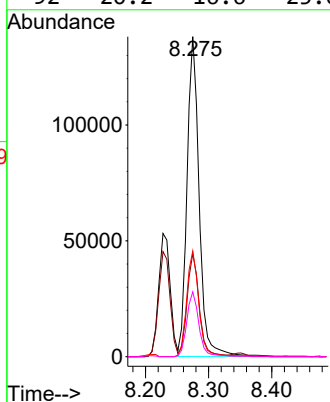
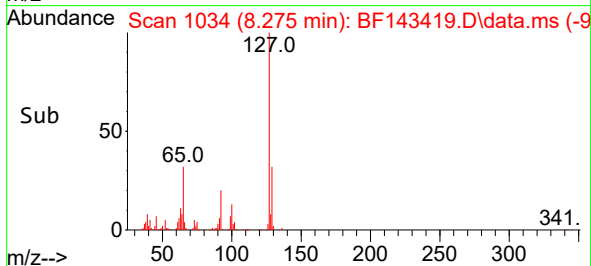
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 184400
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 33.1 27.2 40.8
92 20.2 16.6 25.0

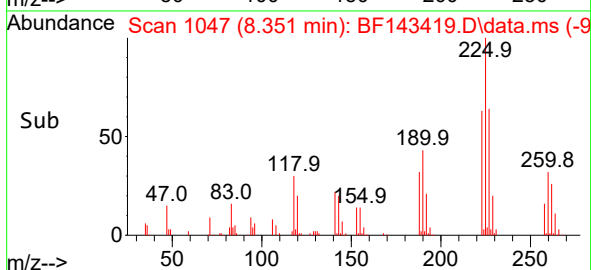
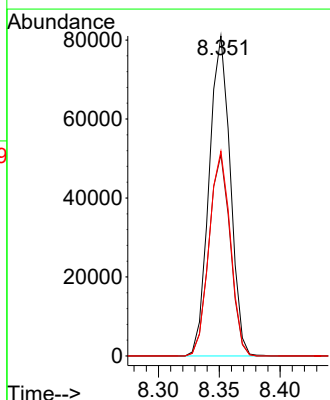
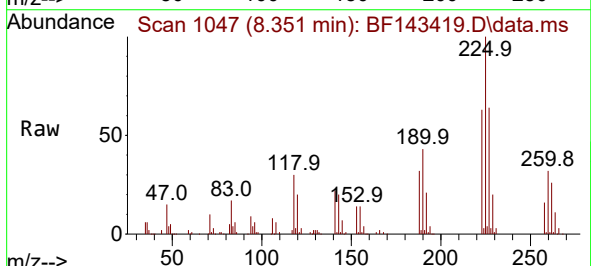
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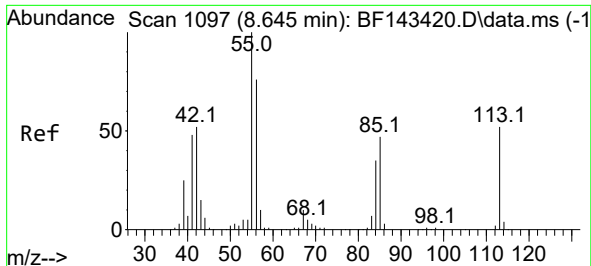
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#34
Hexachlorobutadiene
Concen: 20.903 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

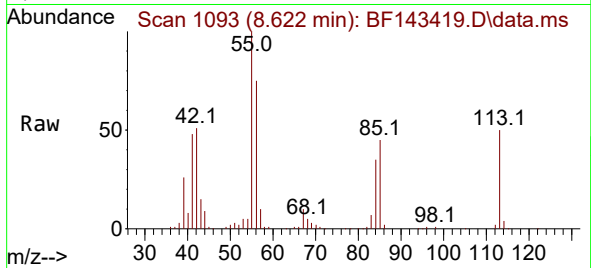
Tgt Ion:225 Resp: 97824
Ion Ratio Lower Upper
225 100
223 62.8 49.0 73.6
227 64.0 51.1 76.7





#35
 Caprolactam
 Concen: 20.770 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

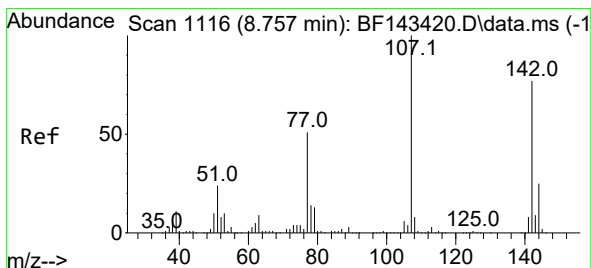
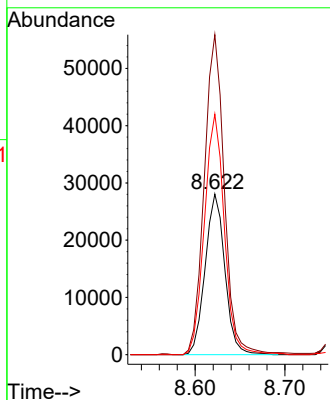
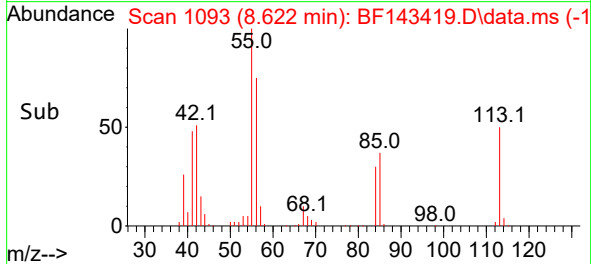
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



Tgt Ion:113 Resp: 4283
 Ion Ratio Lower Upper
 113 100
 55 199.3 174.7 214.7
 56 149.7 127.0 167.0

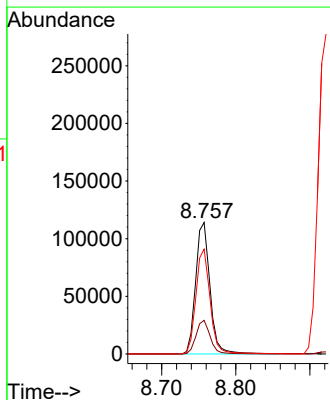
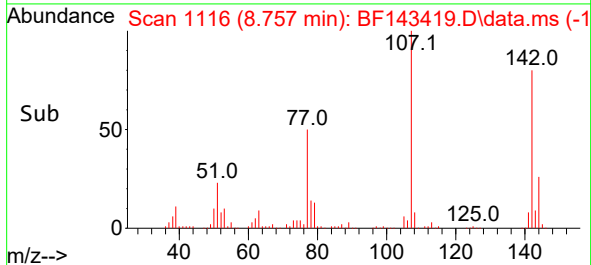
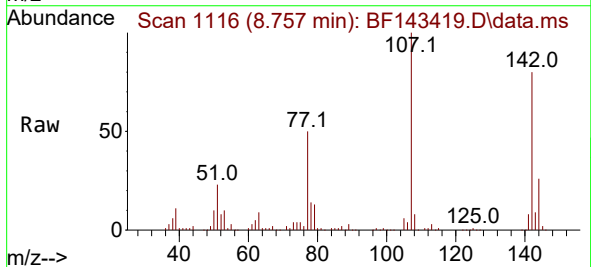
Manual Integrations
 APPROVED

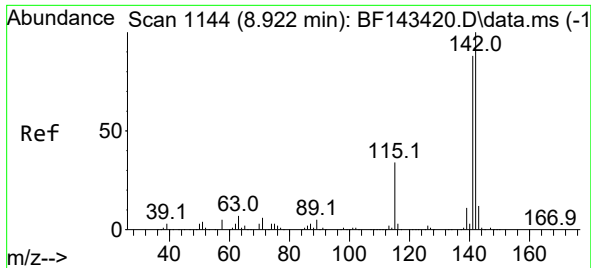
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.795 ng
 RT: 8.757 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

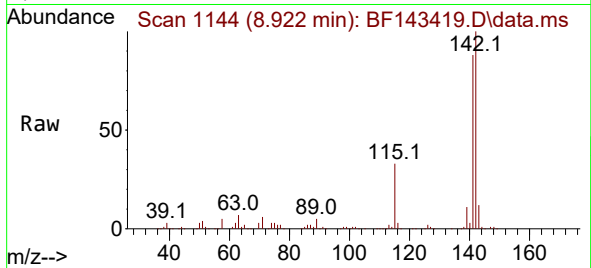
Tgt Ion:107 Resp: 153403
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 79.7 62.0 93.0





#37
2-Methylnaphthalene
Concen: 21.475 ng
RT: 8.922 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

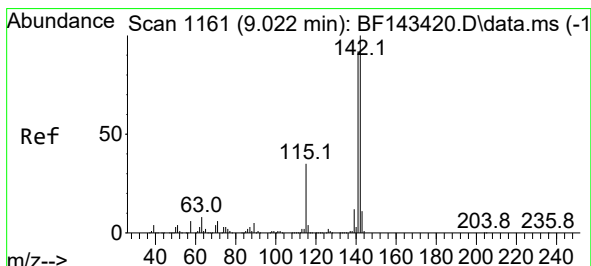
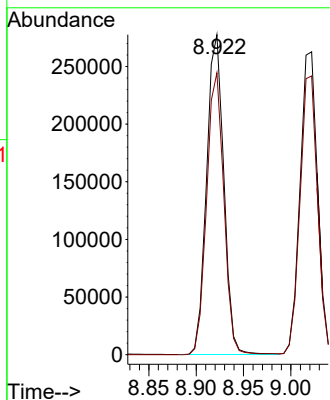
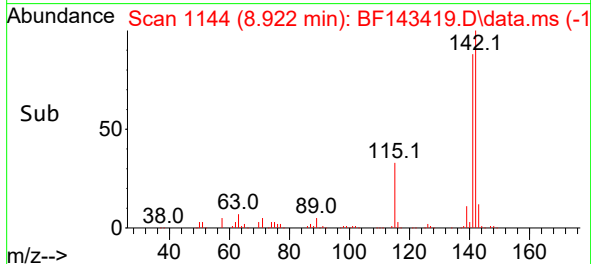
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 349760
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5

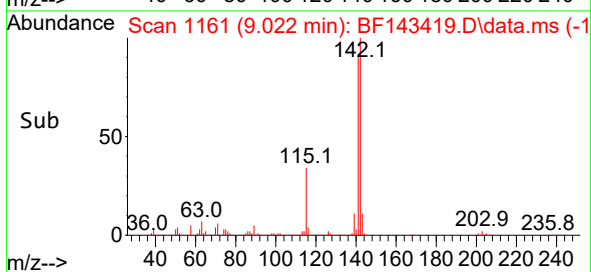
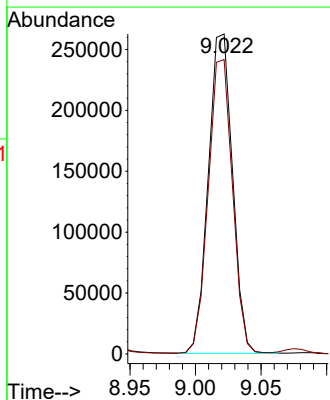
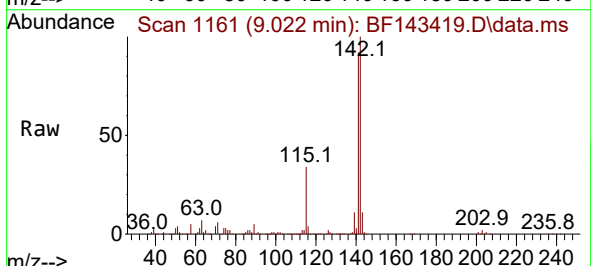
Manual Integrations
APPROVED

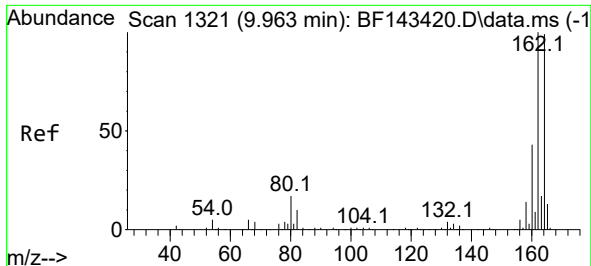
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#38
1-Methylnaphthalene
Concen: 21.600 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

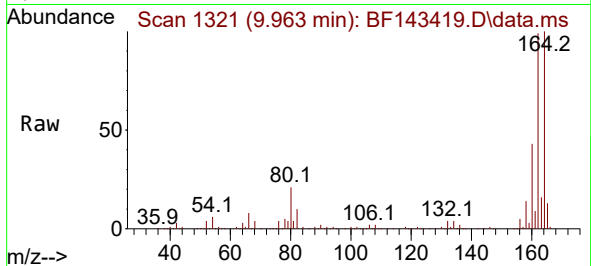
Tgt Ion:142 Resp: 337056
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11321
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

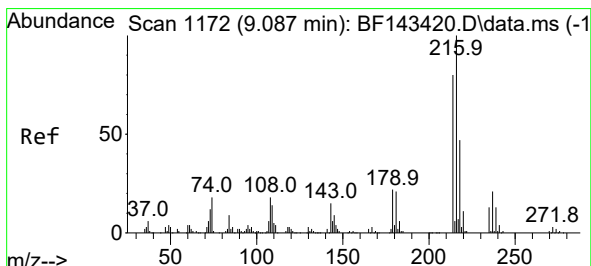
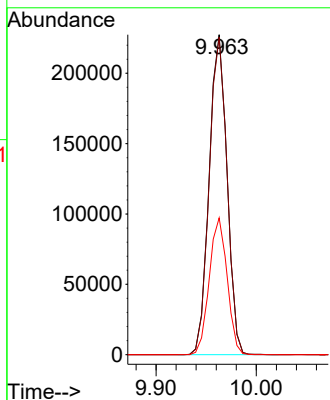
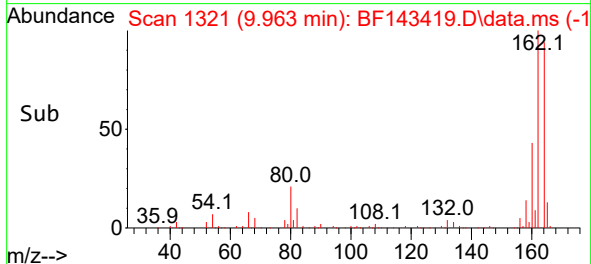
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



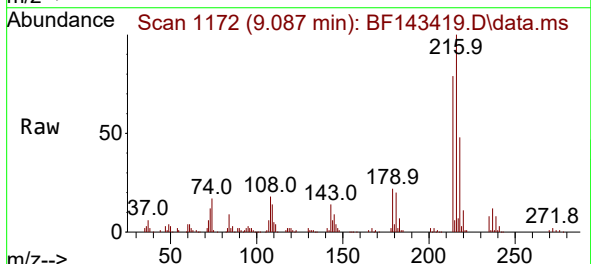
Tgt Ion:164 Resp: 28175
Ion Ratio Lower Upper
164 100
162 99.2 80.6 121.0
160 42.8 34.6 51.8

Manual Integrations
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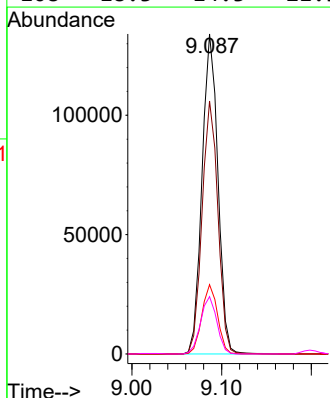
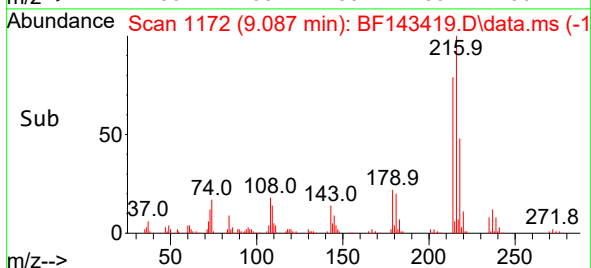
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

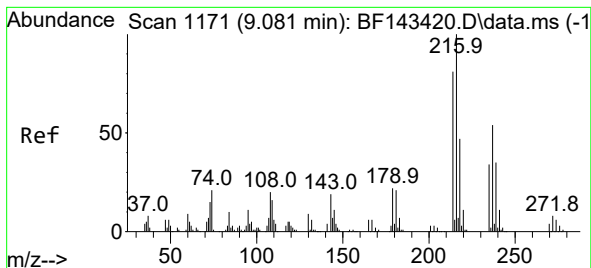


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.965 ng
RT: 9.087 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:216 Resp: 164739
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.4 17.0 25.4
108 18.3 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 19.242 ng

RT: 9.075 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

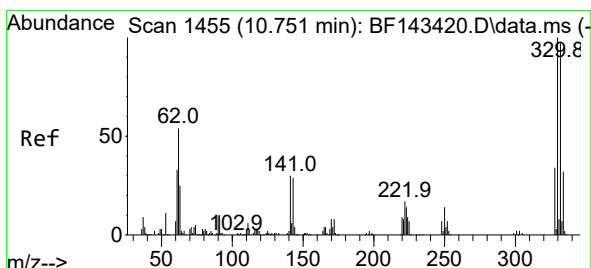
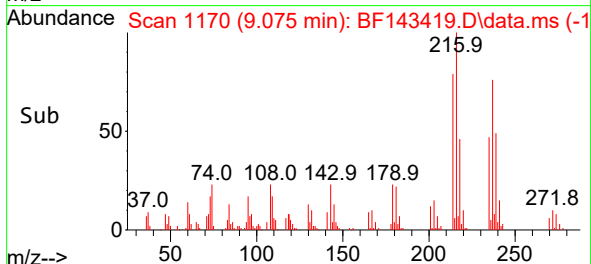
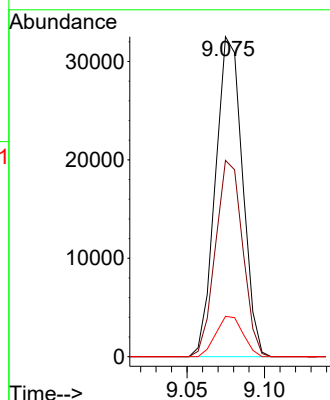
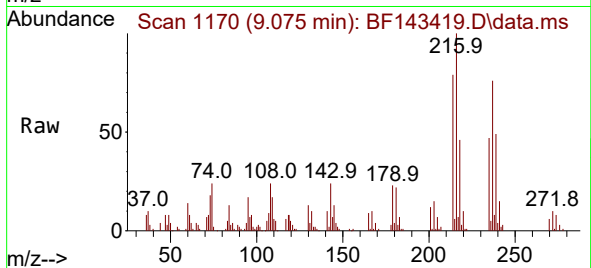
Tgt Ion:	237	Resp:	39498
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.6	81.6
272	12.6	0.0	33.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#42

2,4,6-Tribromophenol

Concen: 41.705 ng

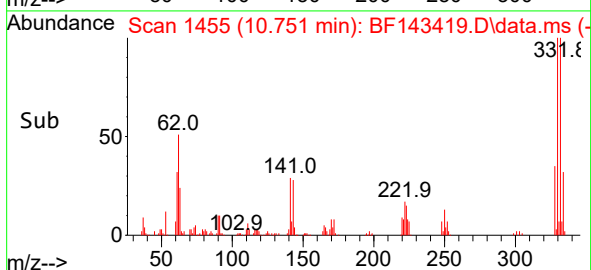
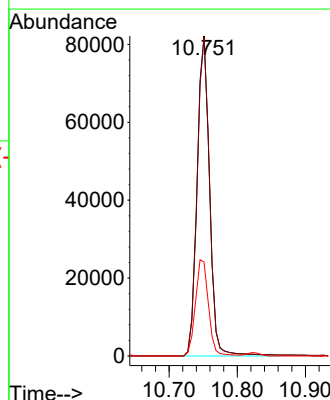
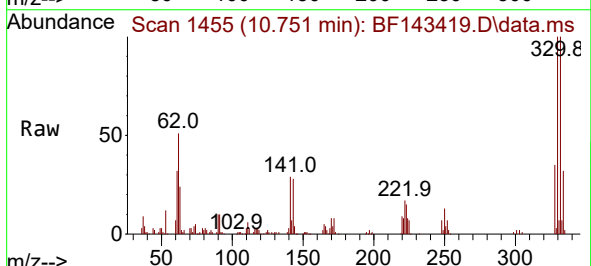
RT: 10.751 min Scan# 1455

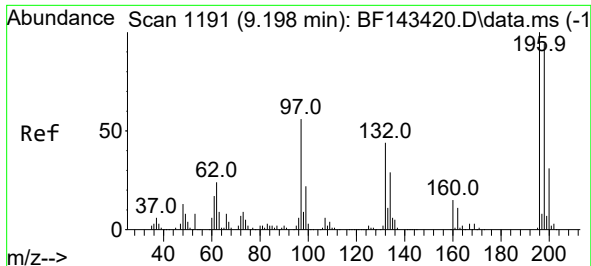
Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

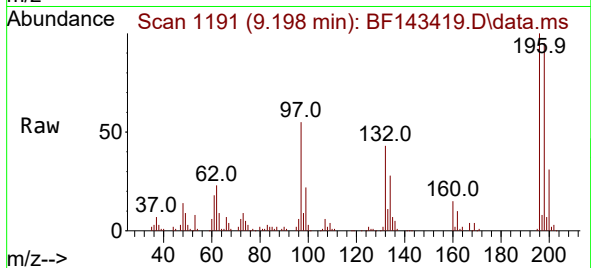
Tgt Ion:	330	Resp:	104587
Ion Ratio	Lower	Upper	
330	100		
332	99.1	77.4	116.2
141	31.3	24.1	36.1





#43
2,4,6-Trichlorophenol
Concen: 20.860 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

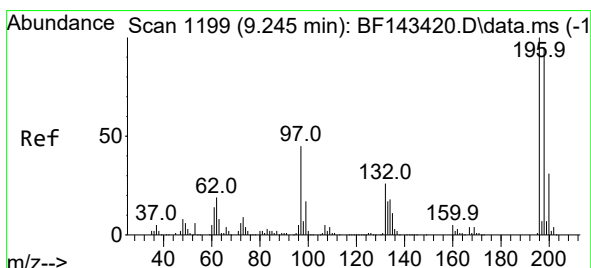
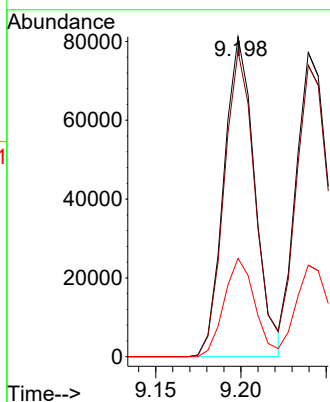
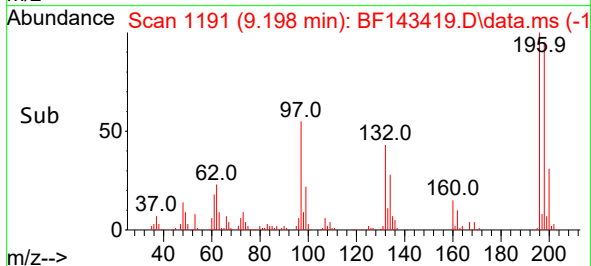
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



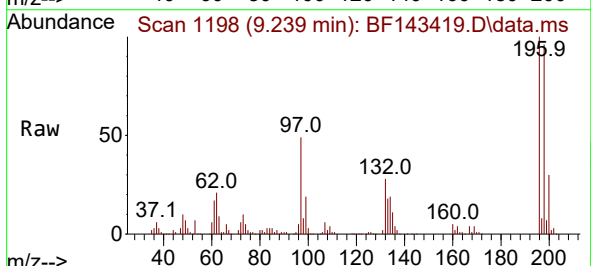
Tgt Ion:196 Resp: 102250
Ion Ratio Lower Upper
196 100
198 95.4 75.4 113.2
200 30.7 24.7 37.1

Manual Integrations
APPROVED

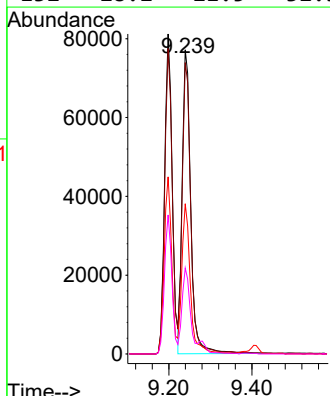
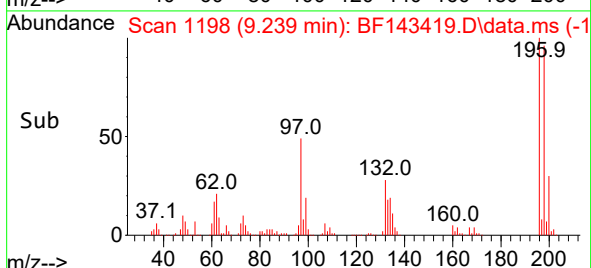
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

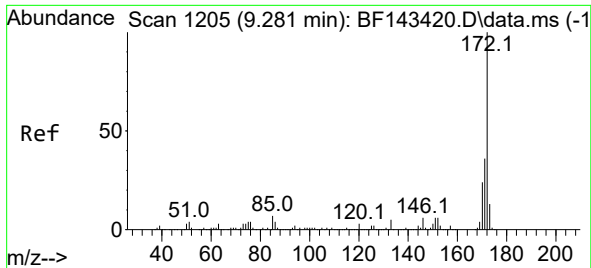


#44
2,4,5-Trichlorophenol
Concen: 21.177 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



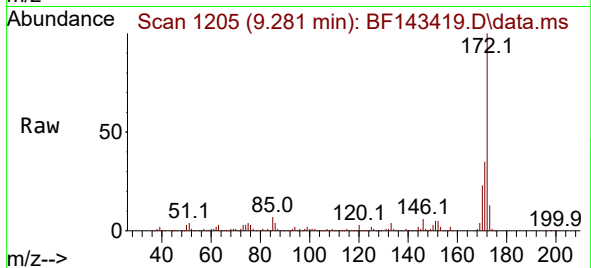
Tgt Ion:196 Resp: 111266
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
97 49.4 36.6 55.0
132 28.2 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 43.433 ng
RT: 9.281 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

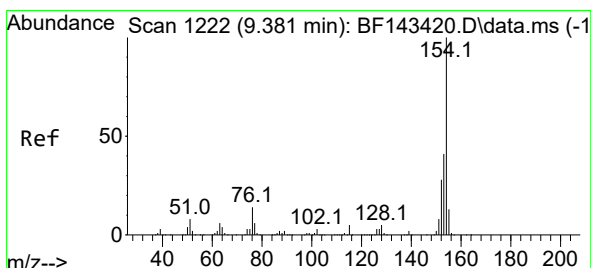
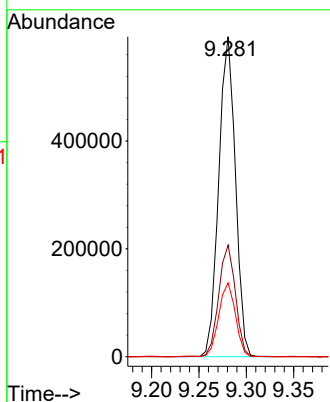
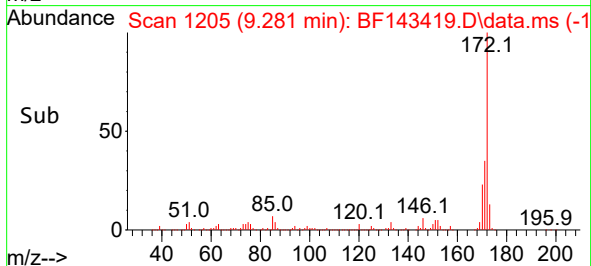
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



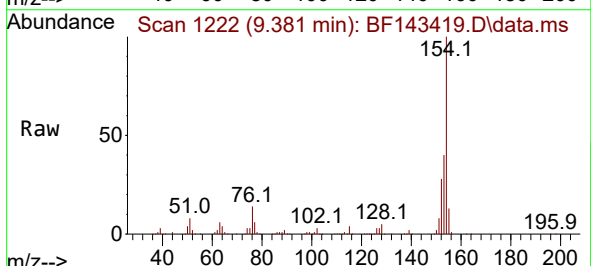
Tgt Ion:172 Resp: 727542
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.1 19.0 28.6

Manual Integrations
APPROVED

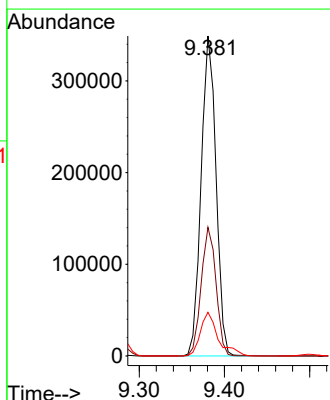
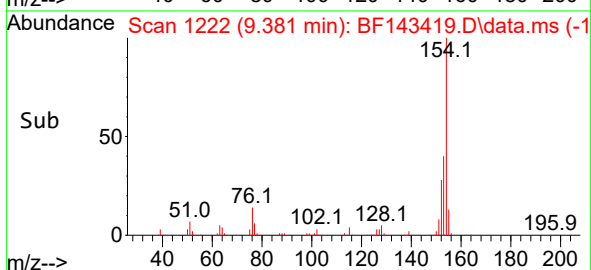
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

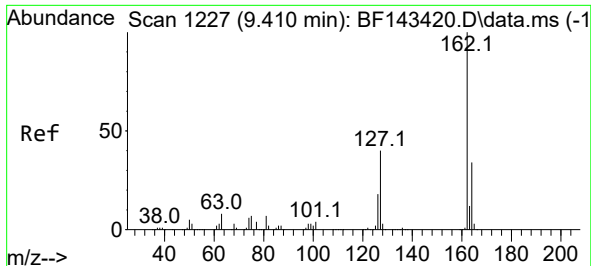


#46
1,1'-Biphenyl
Concen: 21.382 ng
RT: 9.381 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:154 Resp: 423276
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 13.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 21.249 ng

RT: 9.410 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

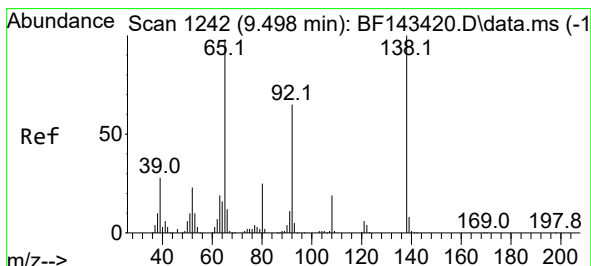
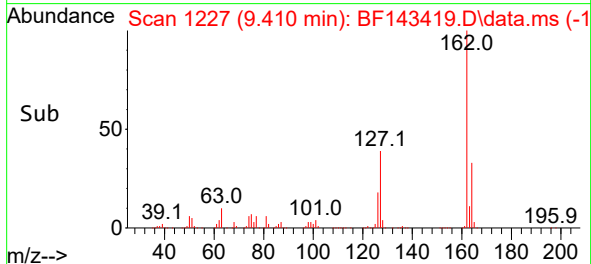
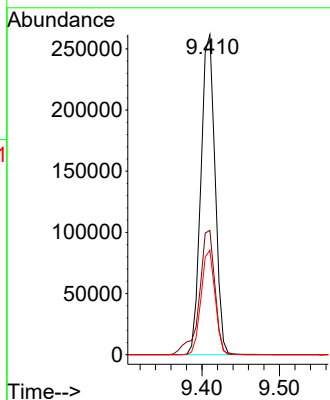
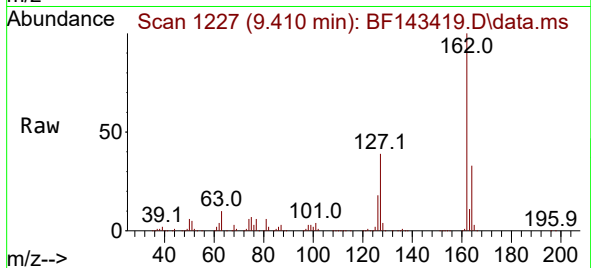
Tgt Ion:162 Resp: 33205
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.3 48.5
 164 32.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#48

2-Nitroaniline

Concen: 20.759 ng

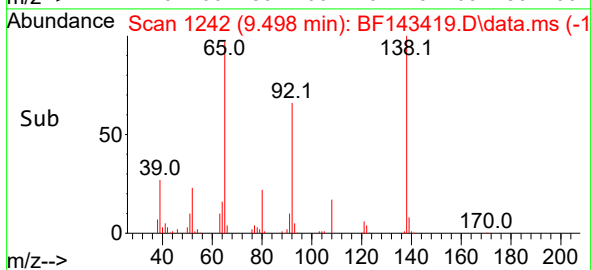
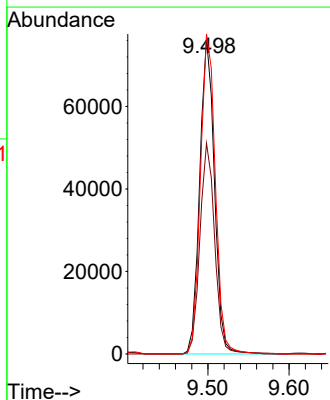
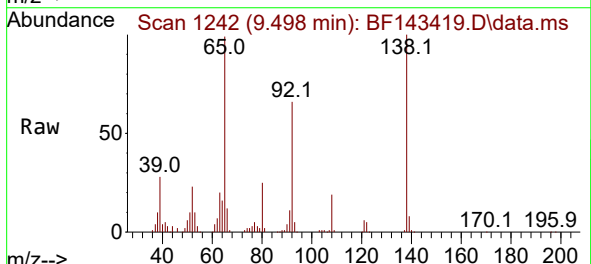
RT: 9.498 min Scan# 1242

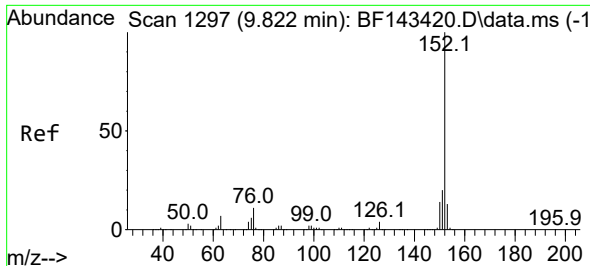
Delta R.T. 0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Tgt Ion: 65 Resp: 96534
 Ion Ratio Lower Upper
 65 100
 92 66.8 52.9 79.3
 138 101.3 81.3 121.9





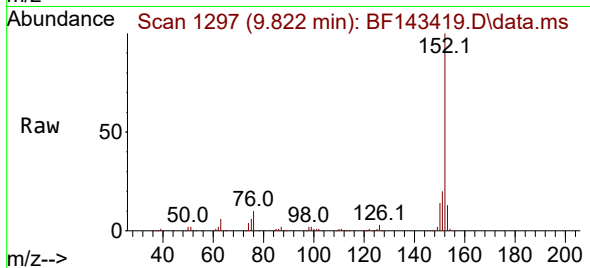
#49
Acenaphthylene
Concen: 21.288 ng
RT: 9.822 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



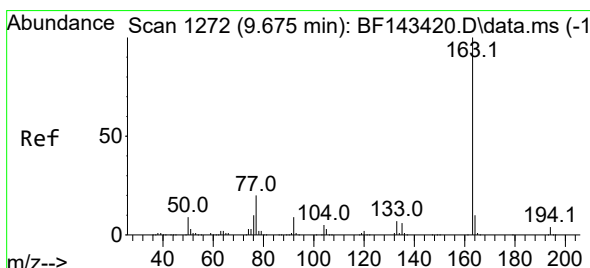
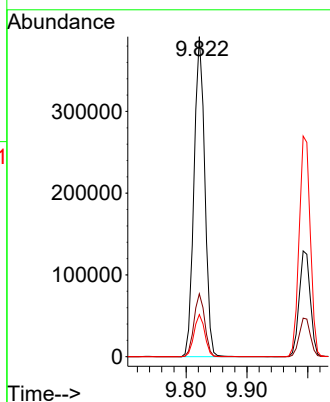
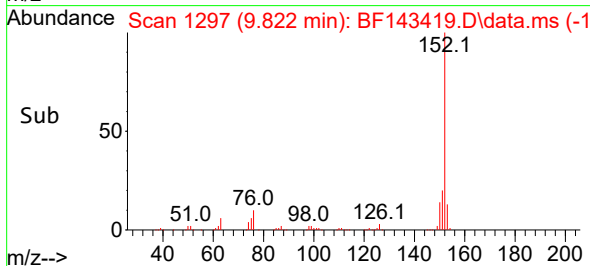
Tgt Ion:152 Resp: 480293
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.2 10.8 16.2

Manual Integrations

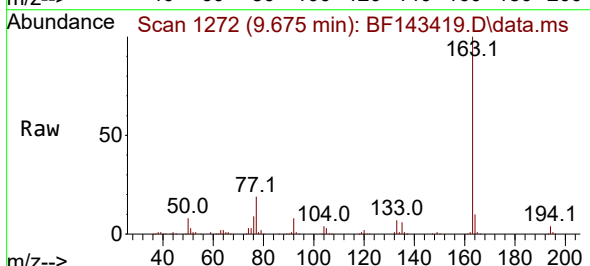
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

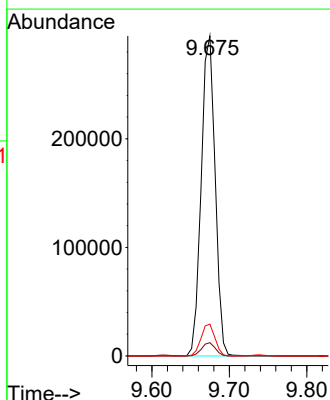
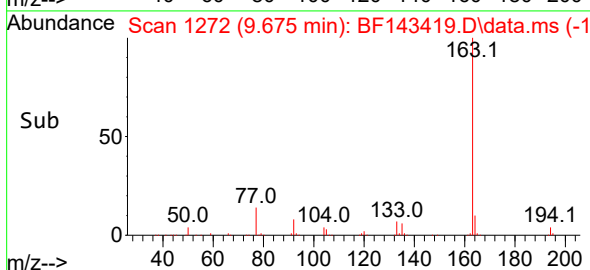
Supervised By :Jagrut Upadhyay 08/18/2025

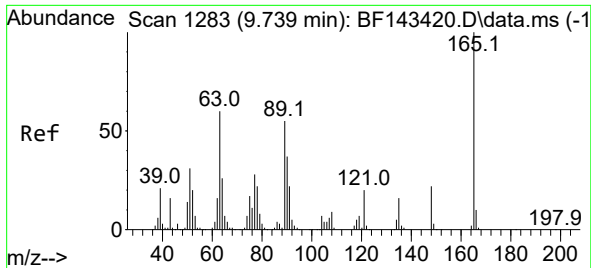


#50
Dimethylphthalate
Concen: 20.928 ng
RT: 9.675 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:163 Resp: 367621
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.2 12.4





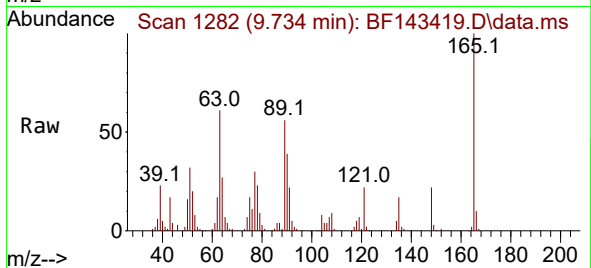
#51
2,6-Dinitrotoluene
Concen: 21.003 ng
RT: 9.734 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

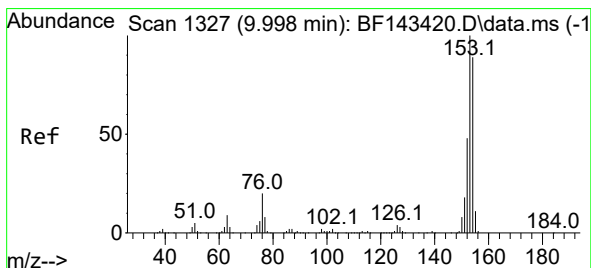
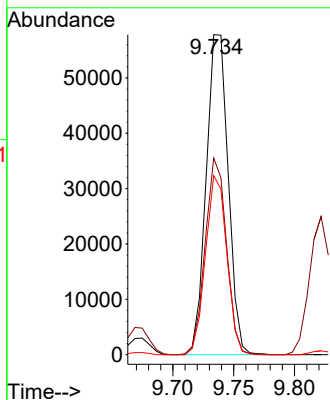
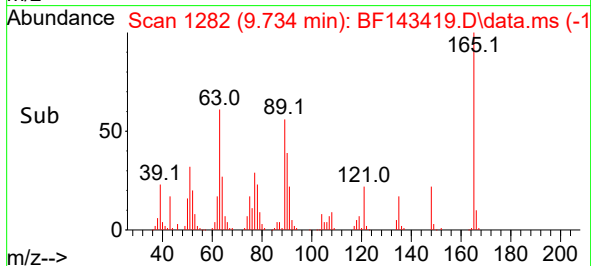


Tgt Ion:165 Resp: 72730
Ion Ratio Lower Upper
165 100
63 61.5 48.2 72.2
89 56.0 44.2 66.2

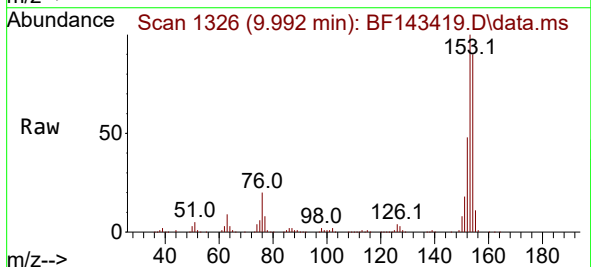
Manual Integrations

APPROVED

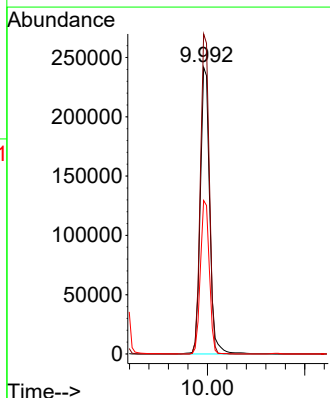
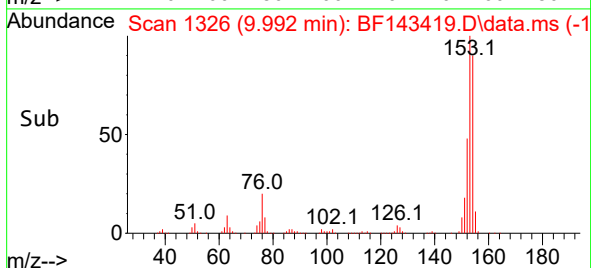
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

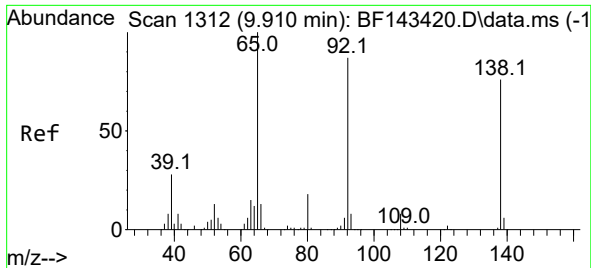


#52
Acenaphthene
Concen: 21.221 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:154 Resp: 322026
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.6 42.6 64.0





#53
3-Nitroaniline
Concen: 20.702 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

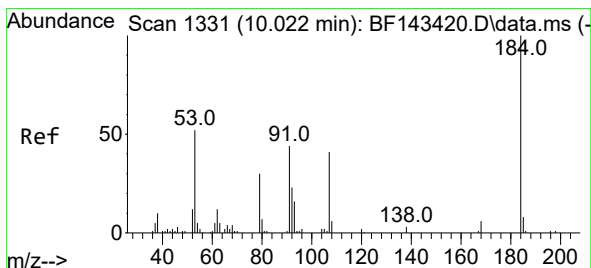
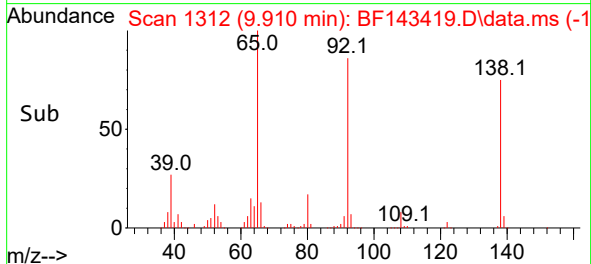
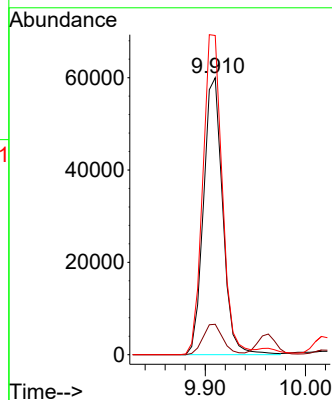
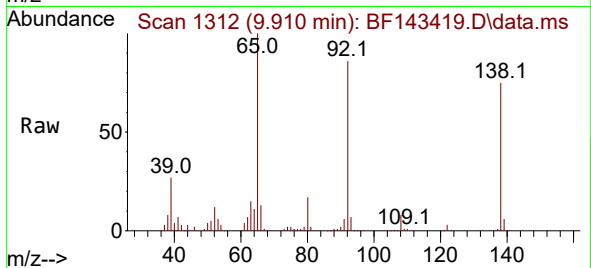
SSTDICC020

Tgt Ion:138 Resp: 7985
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 115.2 91.4 137.2

Manual Integrations

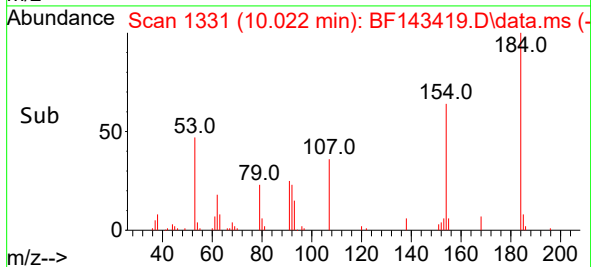
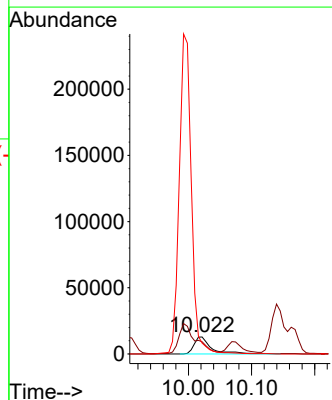
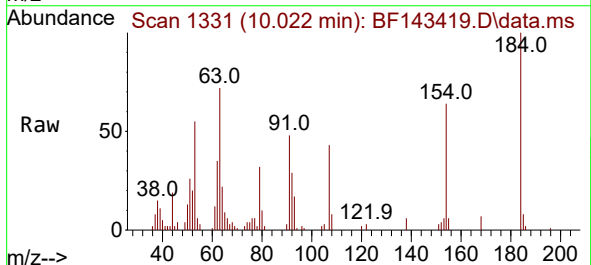
APPROVED

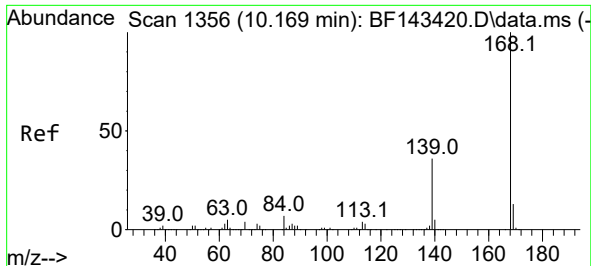
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#54
2,4-Dinitrophenol
Concen: 19.975 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:184 Resp: 24644
Ion Ratio Lower Upper
184 100
63 71.7 53.2 79.8
154 64.1 51.3 76.9





#55
Dibenzofuran
Concen: 21.390 ng
RT: 10.169 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

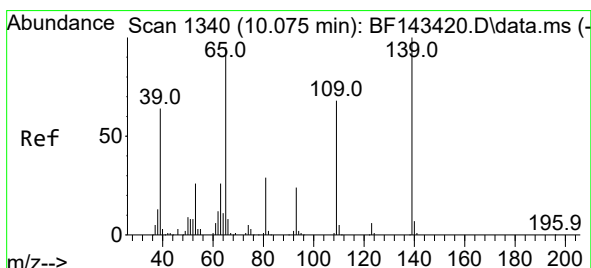
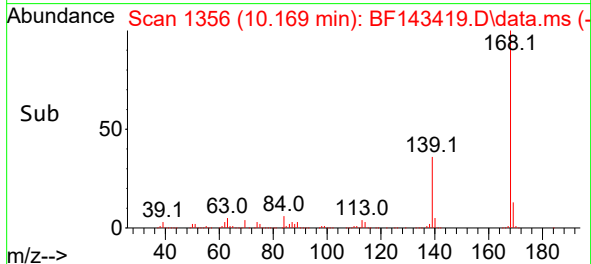
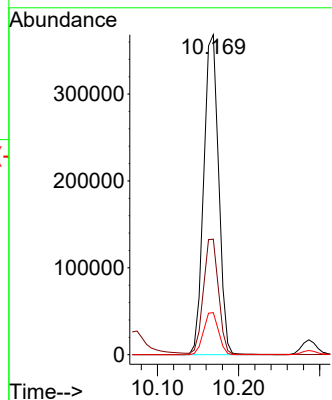
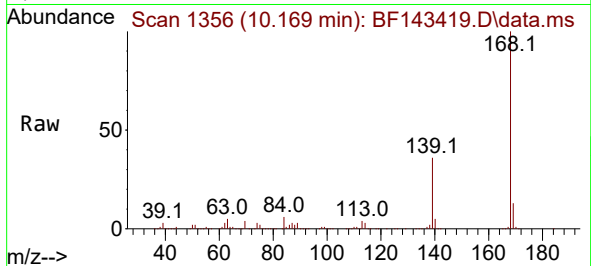
SSTDICC020

Tgt Ion:168 Resp: 468225
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 13.2 10.8 16.2

Manual Integrations

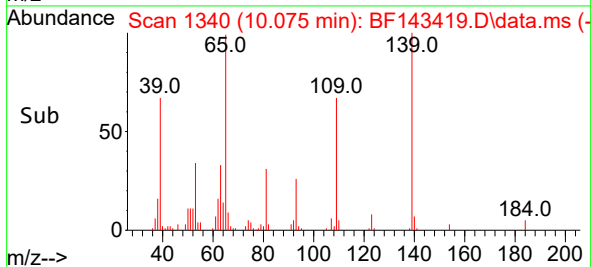
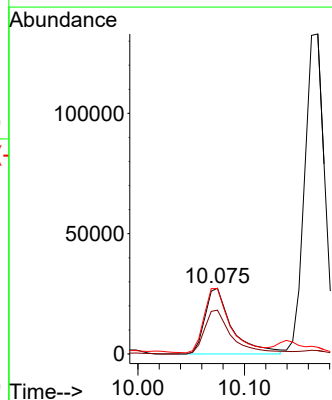
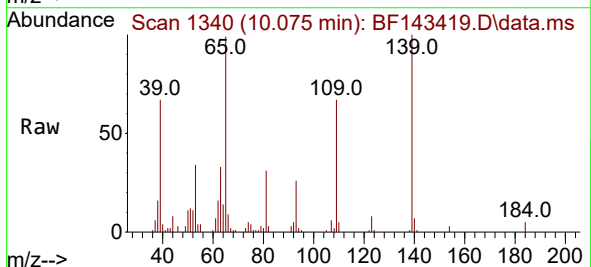
APPROVED

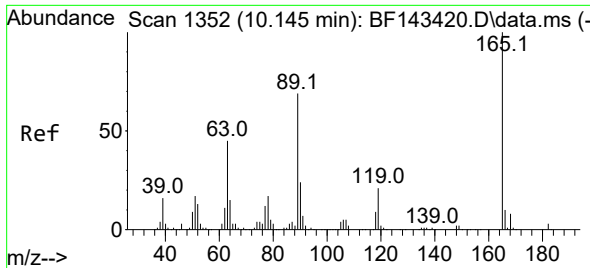
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#56
4-Nitrophenol
Concen: 19.778 ng
RT: 10.075 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:139 Resp: 47964
Ion Ratio Lower Upper
139 100
109 66.6 47.7 87.7
65 99.4 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 21.170 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

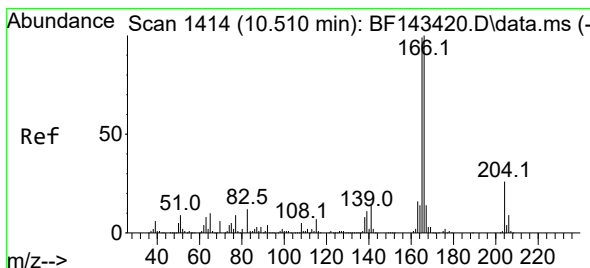
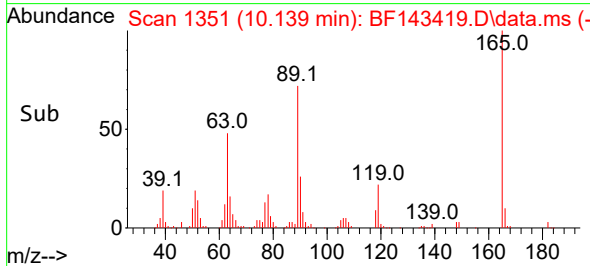
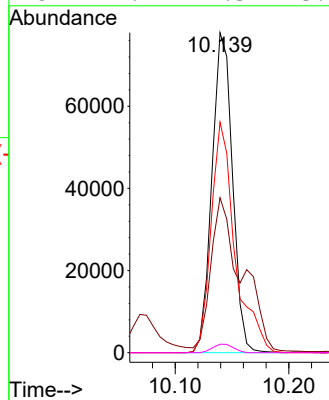
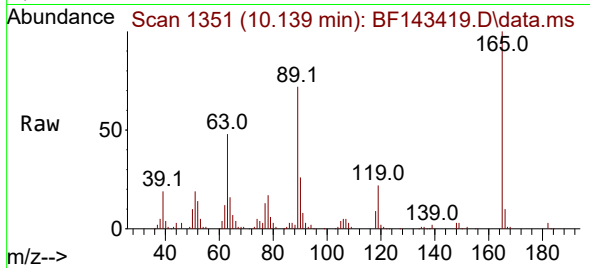
Tgt Ion:165 Resp: 97735
Ion Ratio Lower Upper
165 100
63 48.4 37.0 55.6
89 72.0 55.4 83.0
182 2.7 2.3 3.5

Manual Integrations

APPROVED

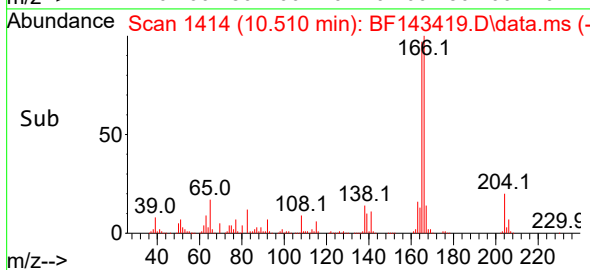
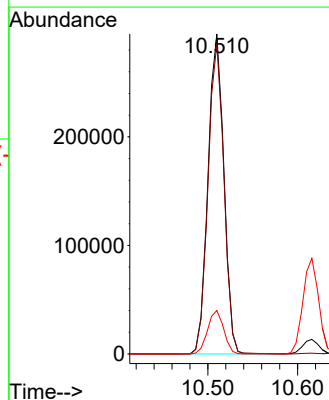
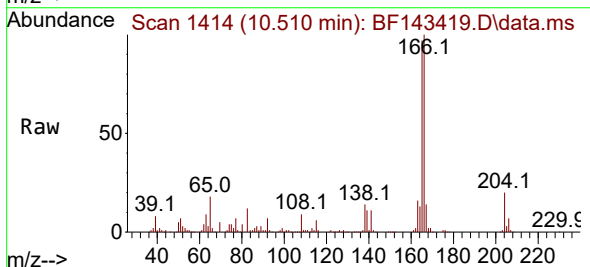
Reviewed By :Rahul Chavli 08/18/2025

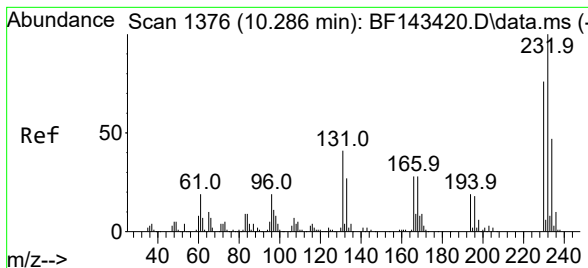
Supervised By :Jagrut Upadhyay 08/18/2025



#58
Fluorene
Concen: 21.570 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

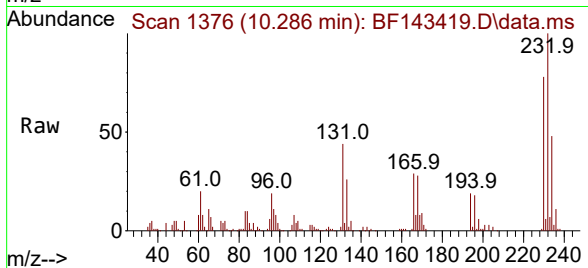
Tgt Ion:166 Resp: 362746
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.756 ng
RT: 10.286 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

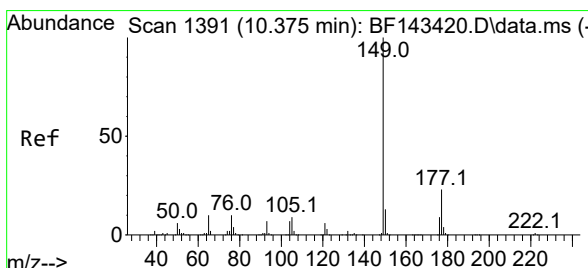
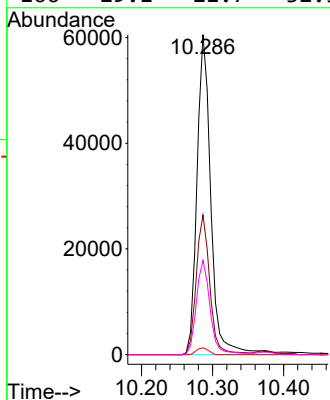
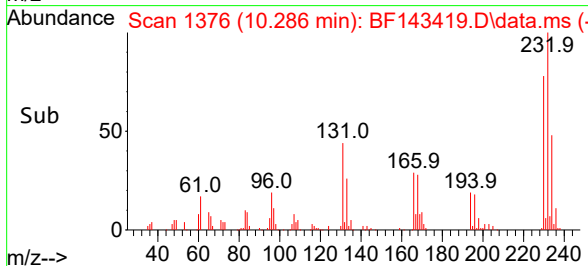
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



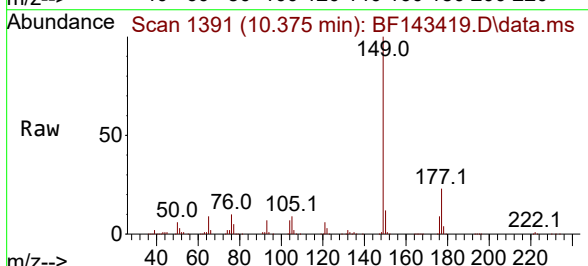
Tgt Ion:232 Resp: 82552
Ion Ratio Lower Upper
232 100
131 42.7 32.0 48.0
130 1.9 1.7 2.5
166 29.1 21.7 32.5

Manual Integrations
APPROVED

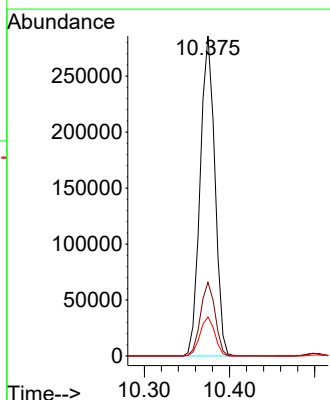
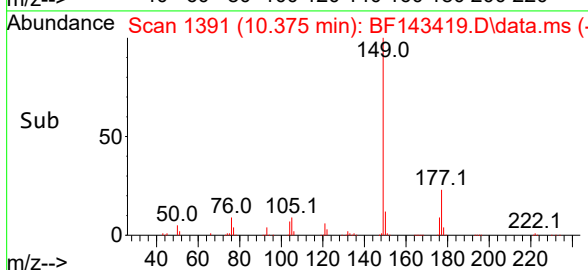
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

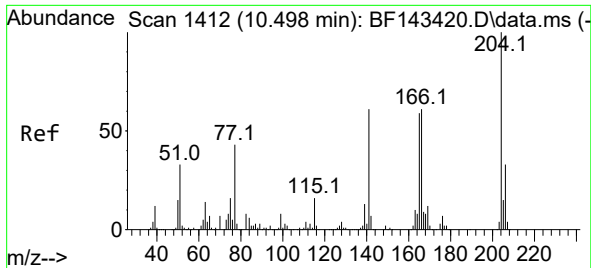


#60
Diethylphthalate
Concen: 21.125 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



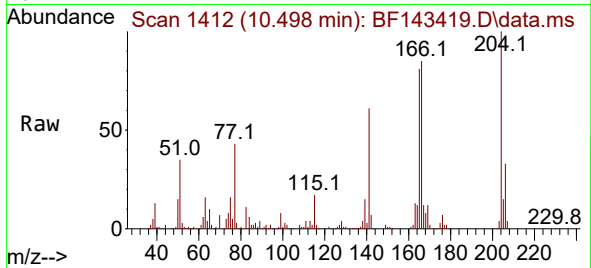
Tgt Ion:149 Resp: 342918
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 21.084 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

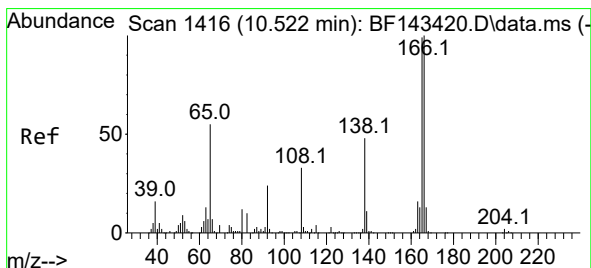
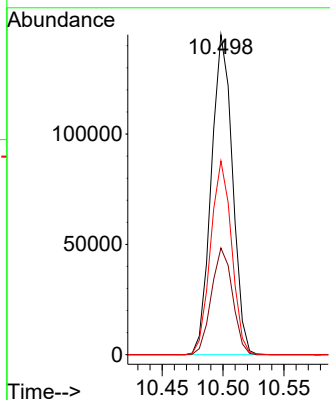
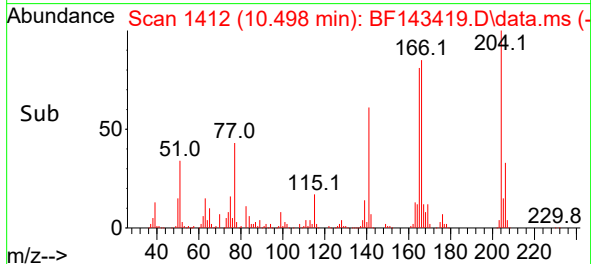
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



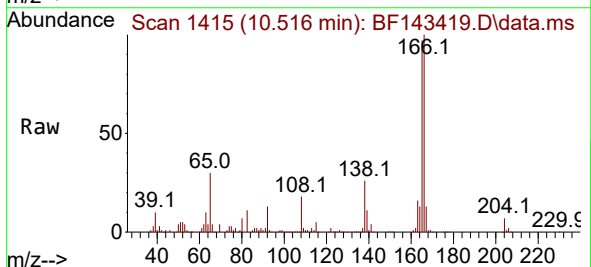
Tgt Ion:204 Resp: 175302
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.5 49.0 73.4

Manual Integrations
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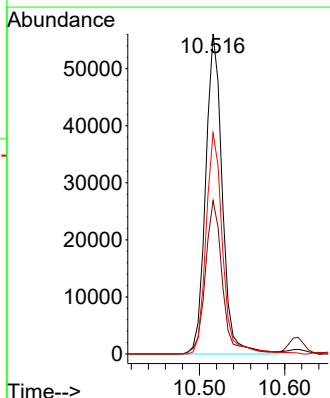
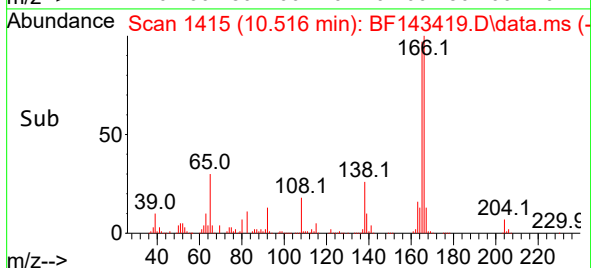
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

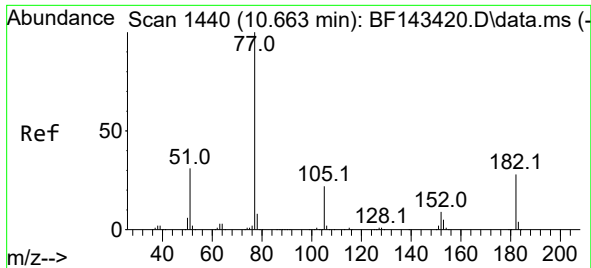


#62
4-Nitroaniline
Concen: 21.129 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



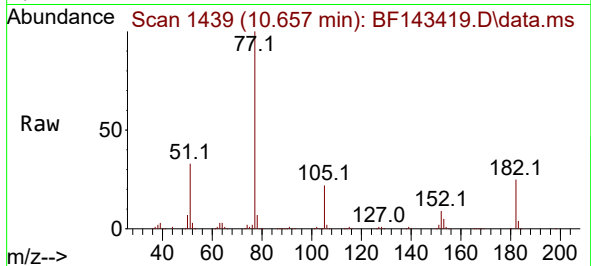
Tgt Ion:138 Resp: 76220
Ion Ratio Lower Upper
138 100
92 47.9 29.4 69.4
108 69.1 48.6 88.6





#63
Azobenzene
Concen: 21.108 ng
RT: 10.657 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

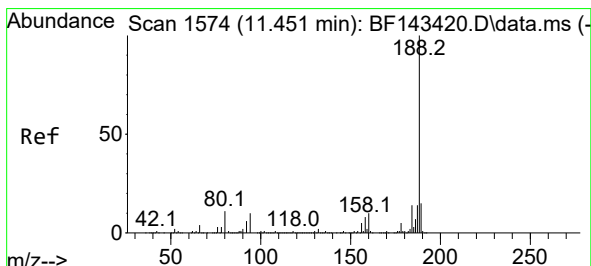
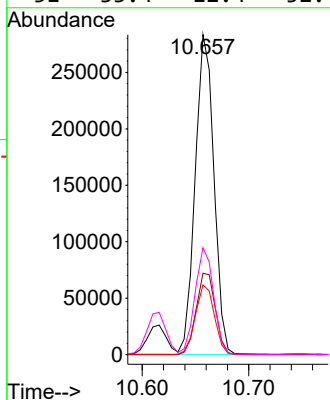
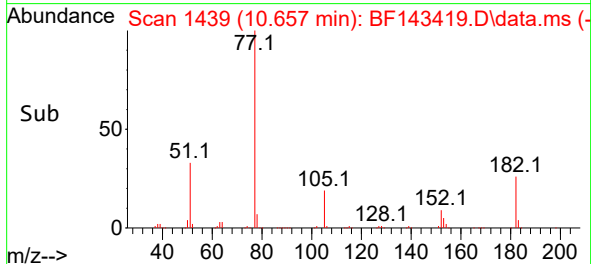
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



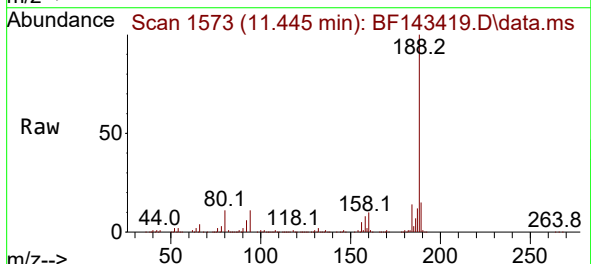
Tgt Ion: 77 Resp: 346304
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 21.8 1.7 41.7
51 33.4 12.4 52.4

Manual Integrations
APPROVED

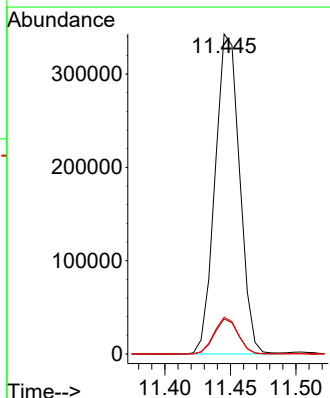
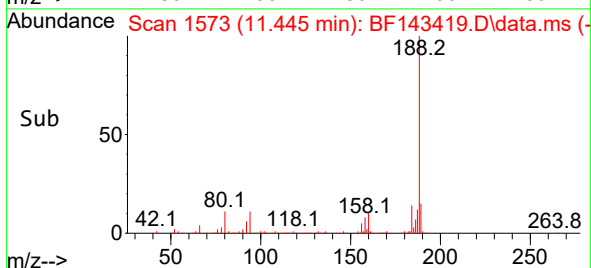
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

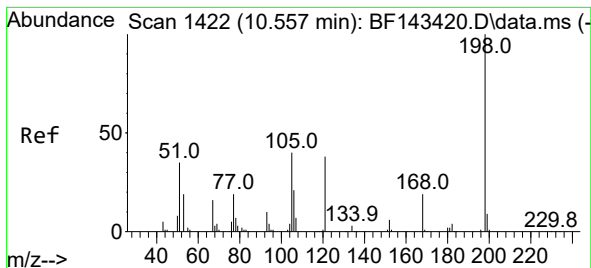


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:188 Resp: 446308
Ion Ratio Lower Upper
188 100
94 10.9 8.0 12.0
80 11.5 8.6 12.8





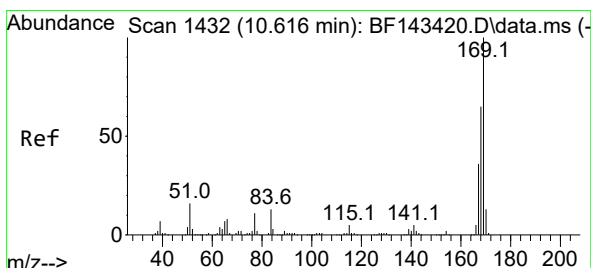
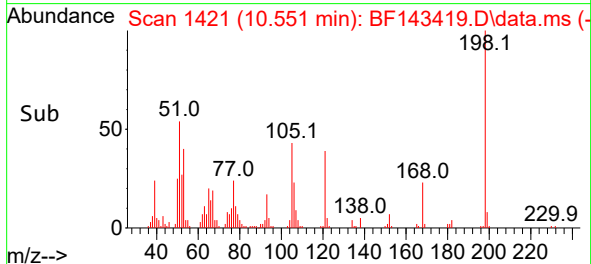
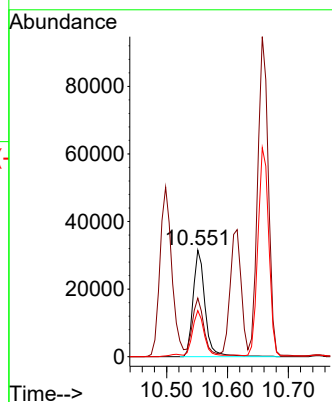
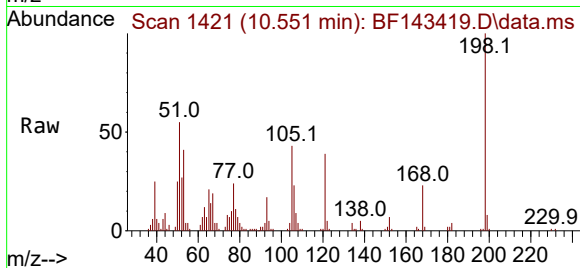
#65
4,6-Dinitro-2-methylphenol
Concen: 18.685 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4302
Ion Ratio Lower Upper
198 100
51 54.9 31.2 71.2
105 43.2 21.7 61.7

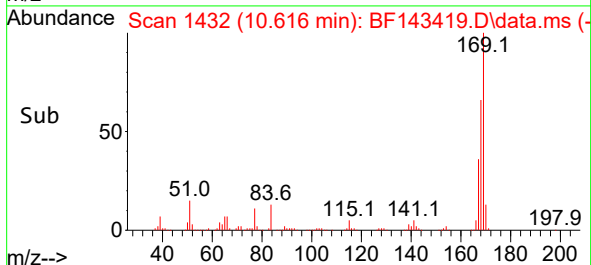
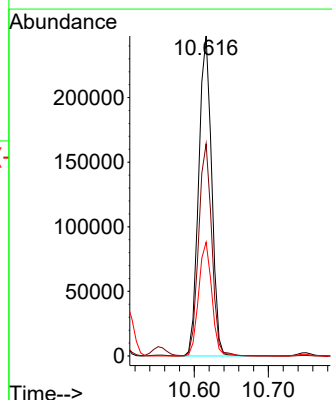
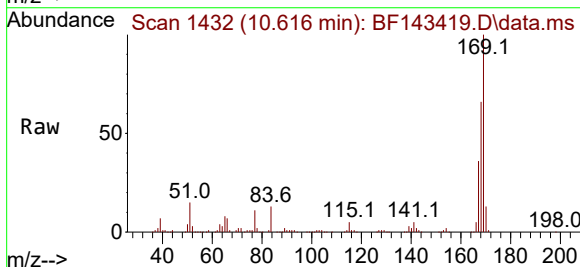
Manual Integrations
APPROVED

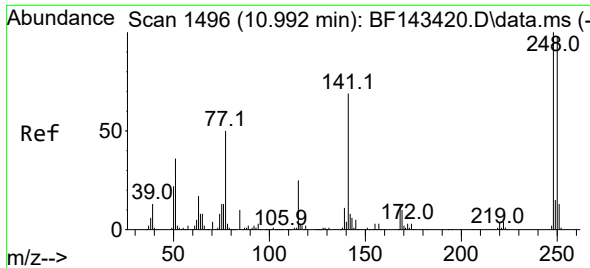
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#66
n-Nitrosodiphenylamine
Concen: 20.804 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

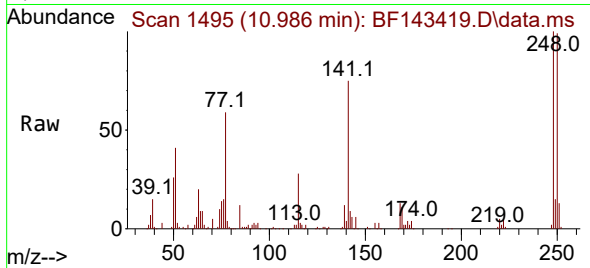
Tgt Ion:169 Resp: 301902
Ion Ratio Lower Upper
169 100
168 66.3 52.5 78.7
167 35.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 20.607 ng
RT: 10.986 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

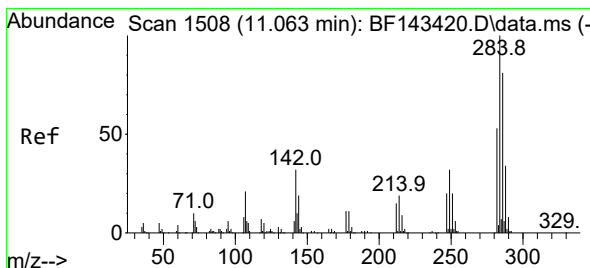
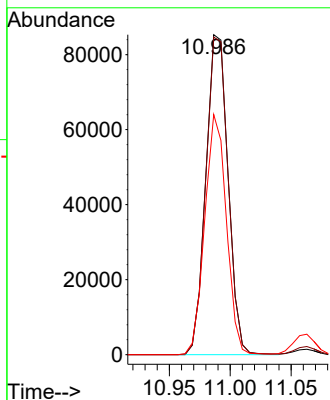
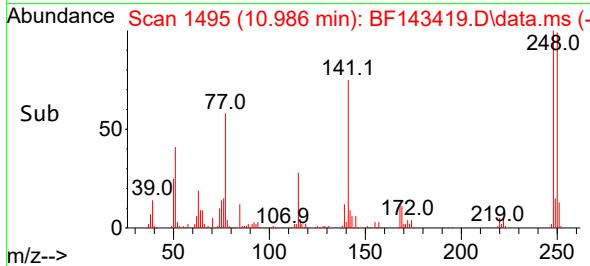
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



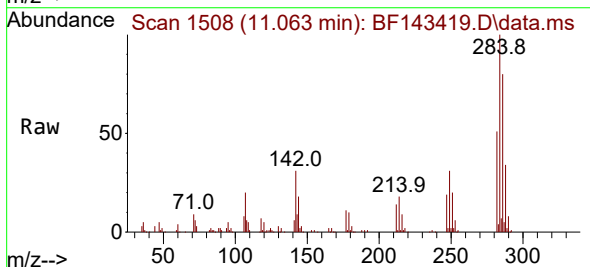
Tgt Ion:248 Resp: 108609
Ion Ratio Lower Upper
248 100
250 99.2 78.6 118.0
141 75.0 54.9 82.3

Manual Integrations
APPROVED

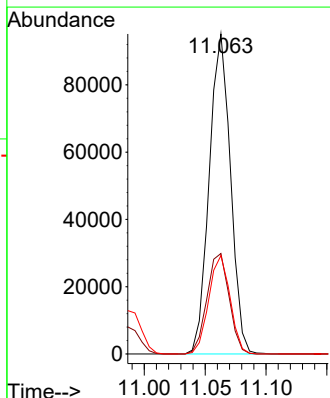
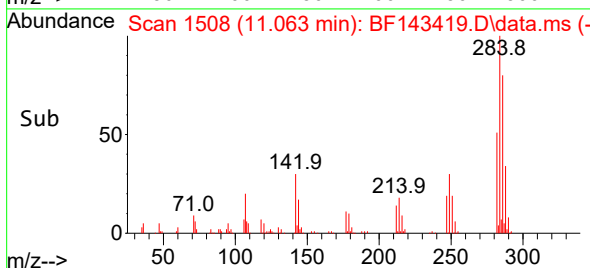
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

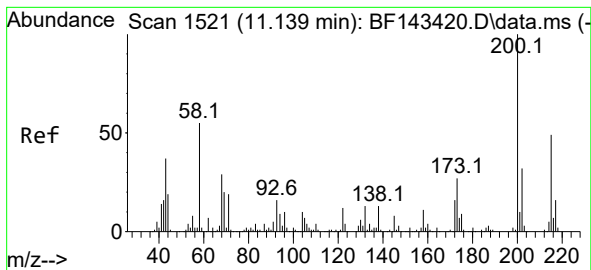


#68
Hexachlorobenzene
Concen: 20.642 ng
RT: 11.063 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



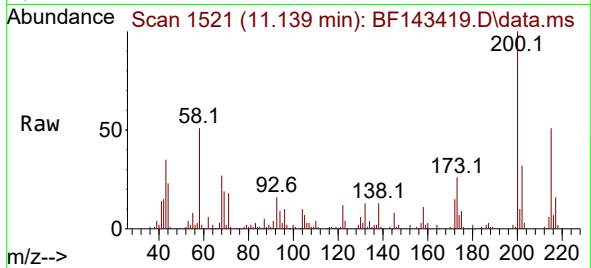
Tgt Ion:284 Resp: 115655
Ion Ratio Lower Upper
284 100
142 31.4 25.4 38.2
249 30.8 25.4 38.0





#69
 Atrazine
 Concen: 20.722 ng
 RT: 11.139 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

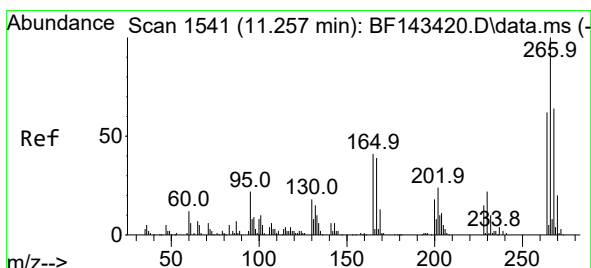
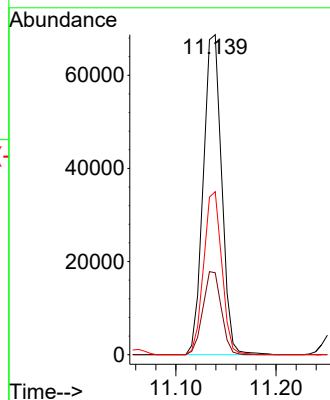
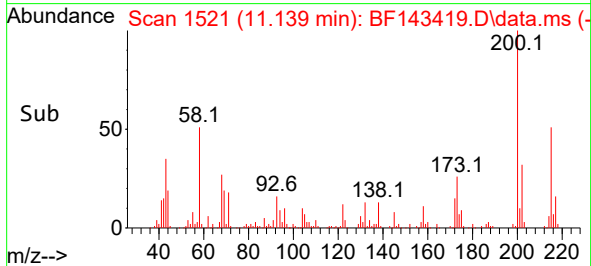
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



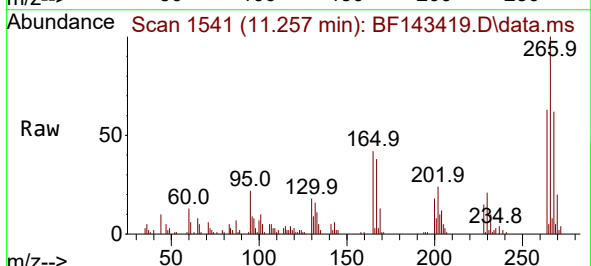
Tgt Ion:200 Resp: 87958
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.6 46.6
 215 50.9 29.5 69.5

Manual Integrations
 APPROVED

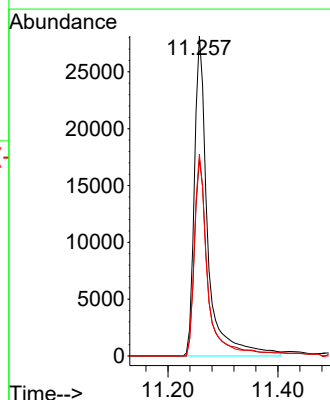
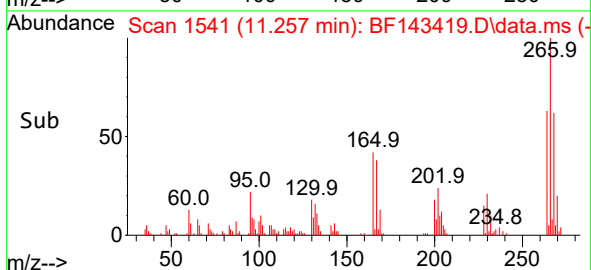
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

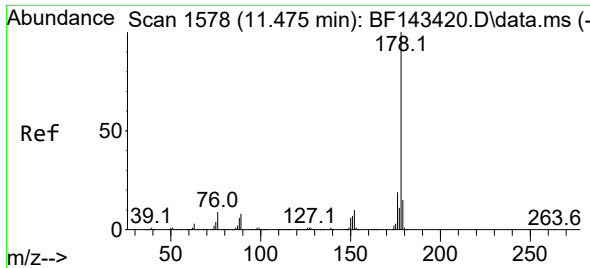


#70
 Pentachlorophenol
 Concen: 19.081 ng
 RT: 11.257 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58



Tgt Ion:266 Resp: 47465
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.0 76.6
 264 63.1 49.3 73.9





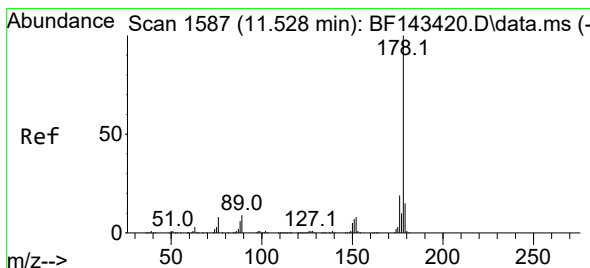
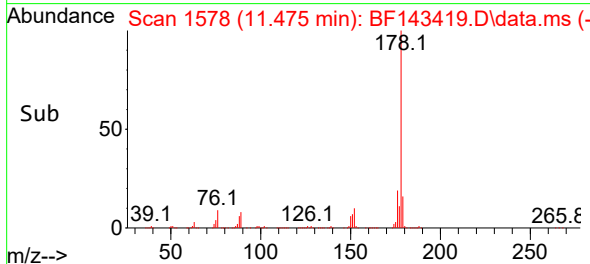
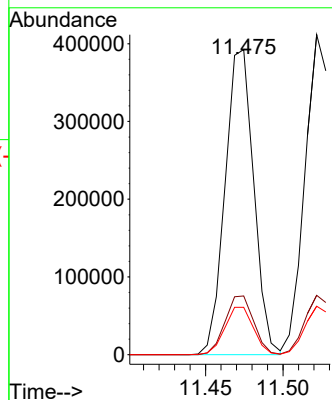
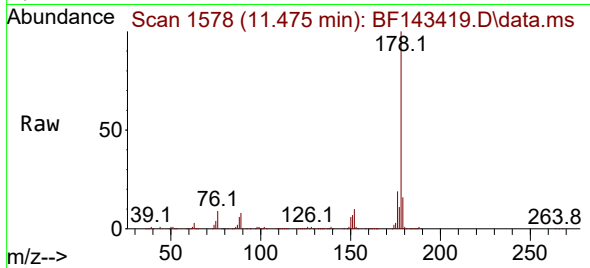
#71
Phenanthrene
Concen: 20.895 ng
RT: 11.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 505004
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.3 18.5

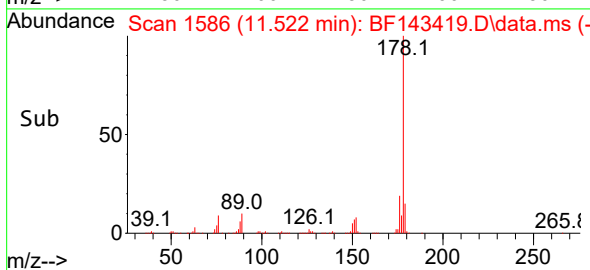
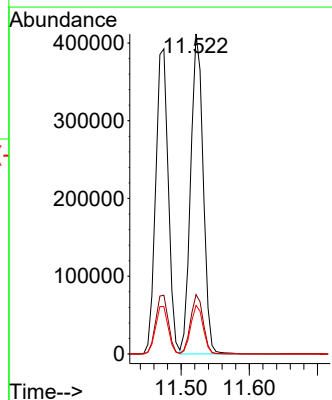
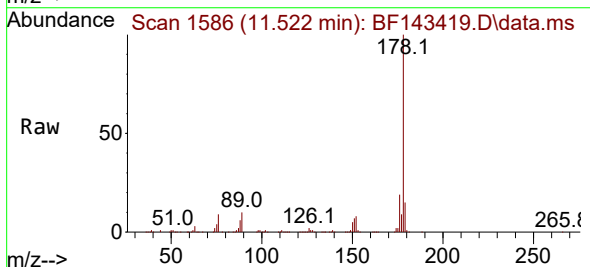
Manual Integrations
APPROVED

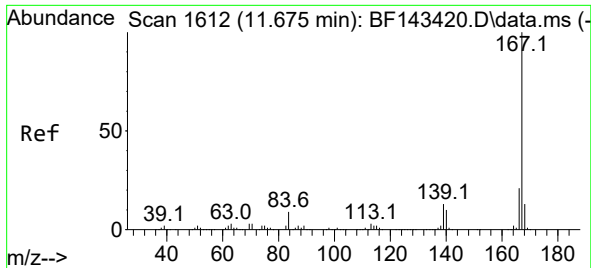
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#72
Anthracene
Concen: 21.325 ng
RT: 11.522 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

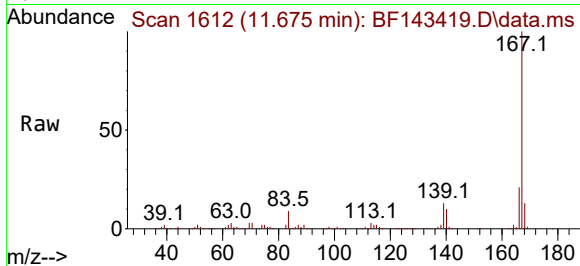
Tgt Ion:178 Resp: 520546
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 21.107 ng
 RT: 11.675 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

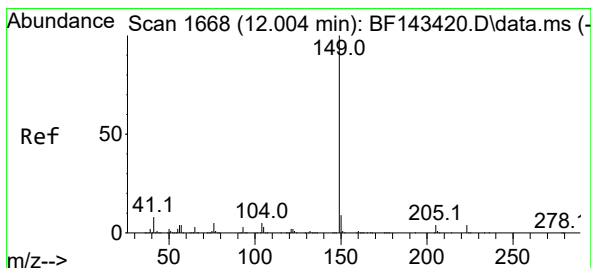
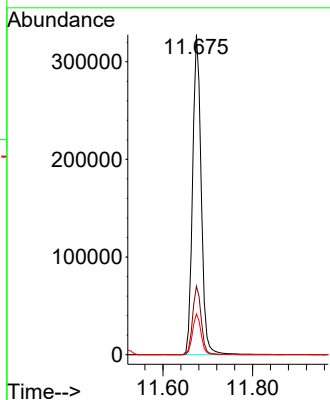
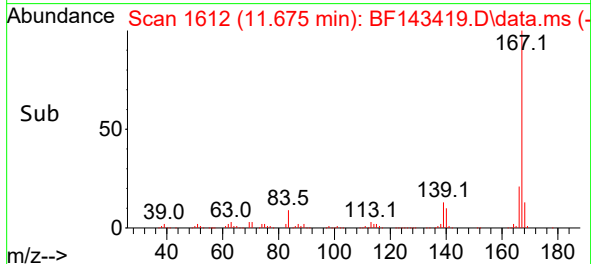
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



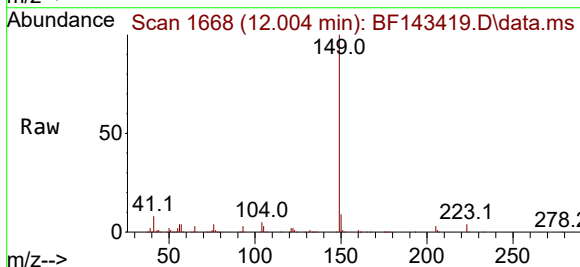
Tgt Ion:167 Resp: 435759
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.1 15.1

Manual Integrations
 APPROVED

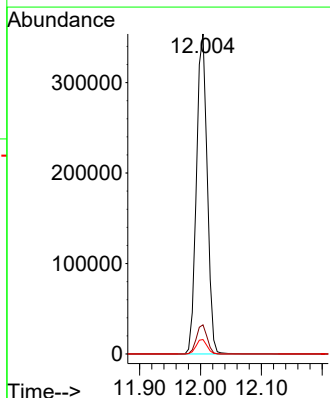
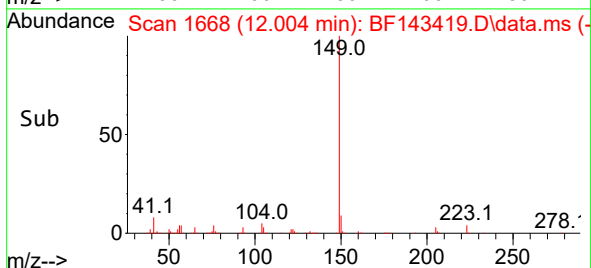
Reviewed By :Rahul Chavli 08/18/2025
 Supervised By :Jagrut Upadhyay 08/18/2025

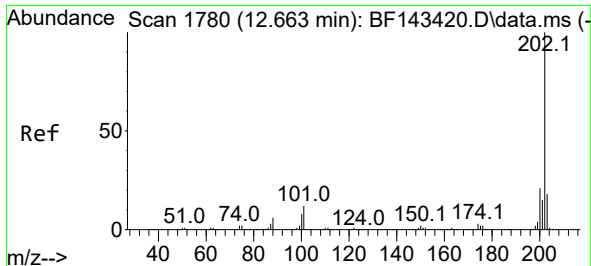


#74
 Di-n-butylphthalate
 Concen: 21.064 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58



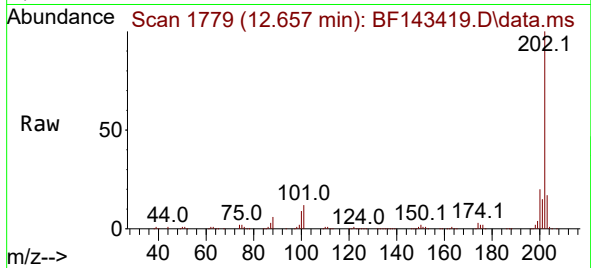
Tgt Ion:149 Resp: 433056
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 21.327 ng
RT: 12.657 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

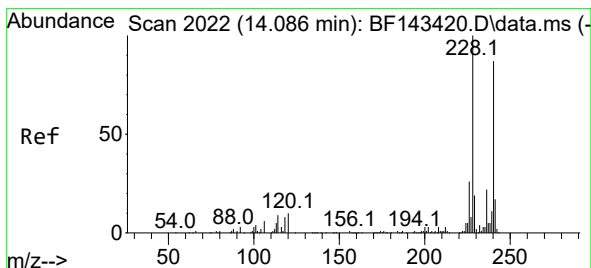
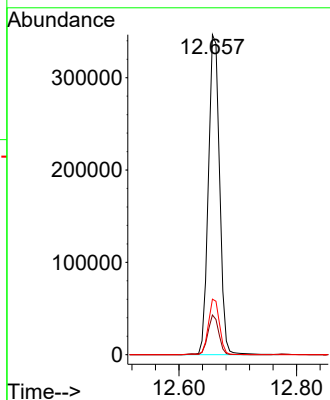
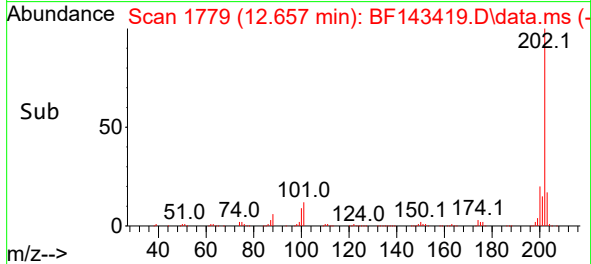
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



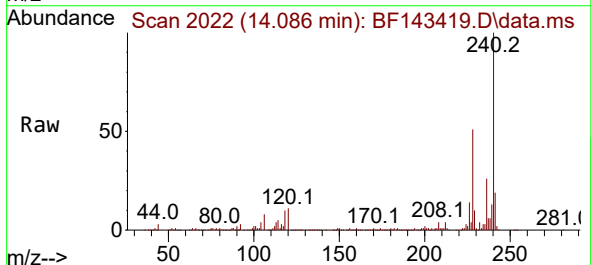
Tgt Ion:202 Resp: 45800
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.5
203 17.4 0.0 37.5

Manual Integrations
APPROVED

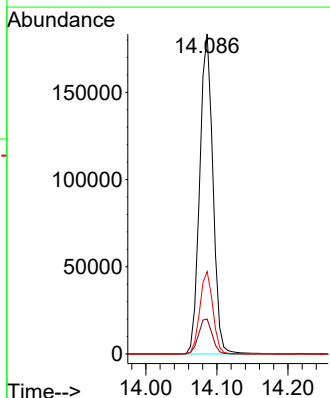
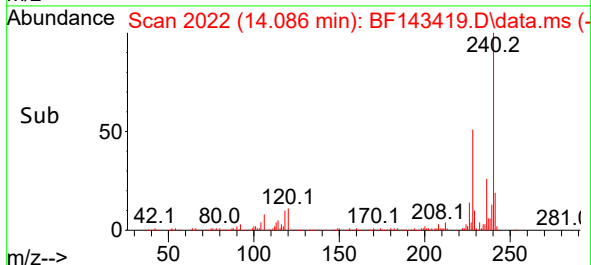
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

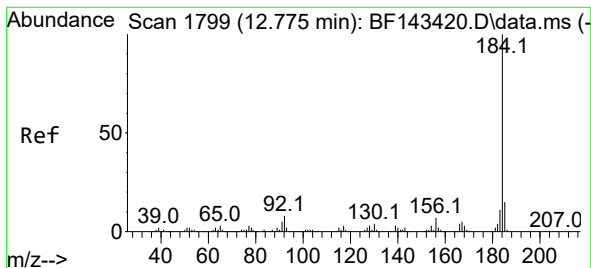


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:240 Resp: 237684
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.7 20.2 30.2





#77

Benzidine

Concen: 26.473 ng

RT: 12.775 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF143419.D

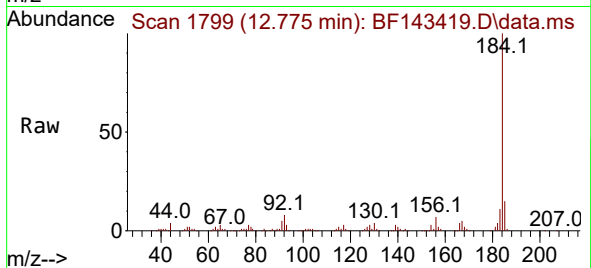
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:184 Resp: 178128

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

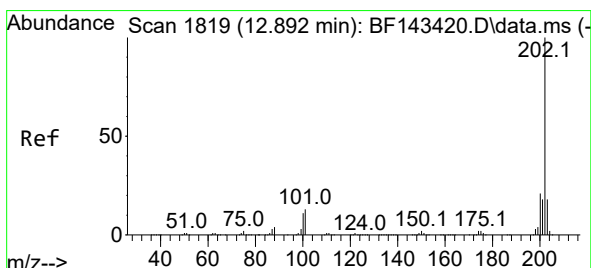
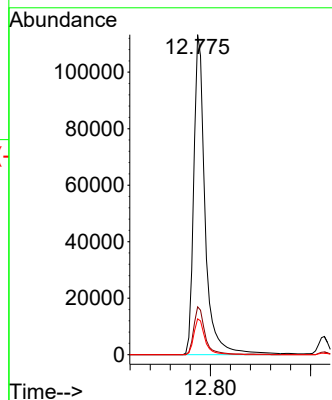
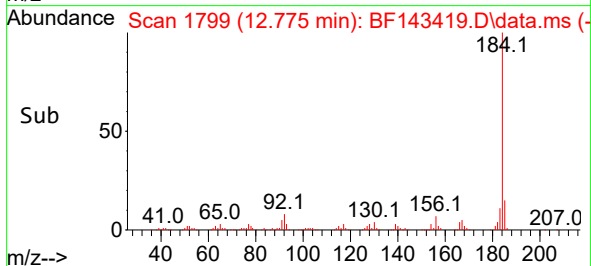
183 11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#78

Pyrene

Concen: 22.435 ng

RT: 12.886 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

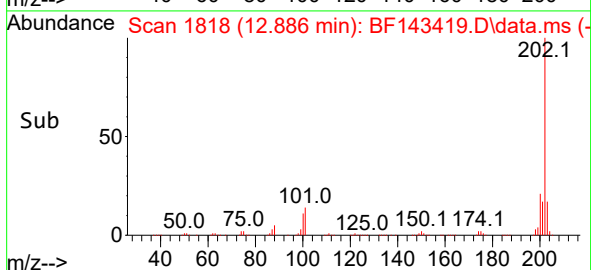
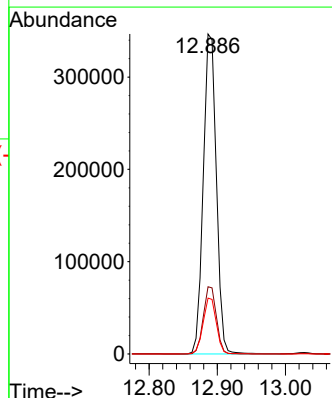
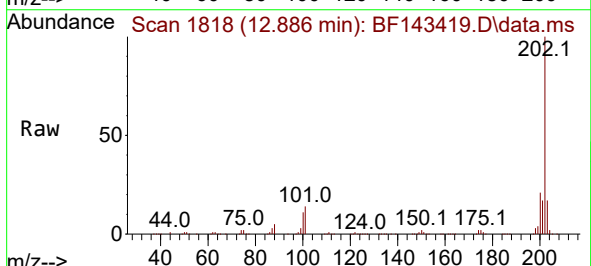
Tgt Ion:202 Resp: 463473

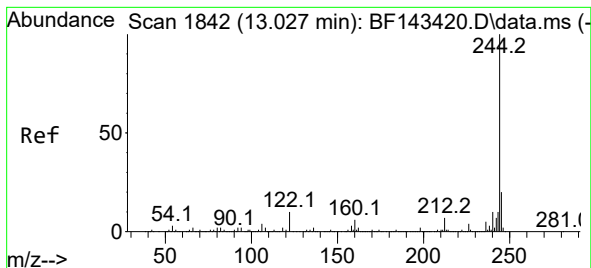
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 44.646 ng

RT: 13.027 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF143419.D

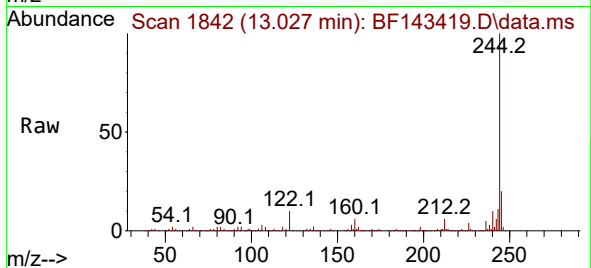
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 631704

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

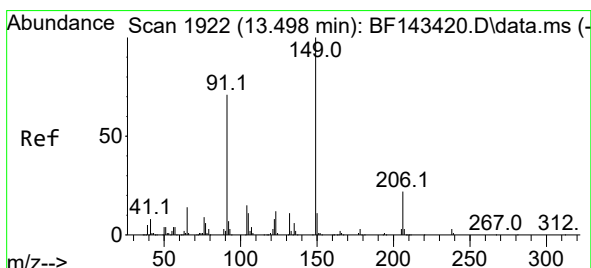
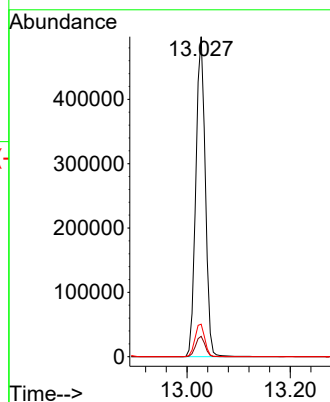
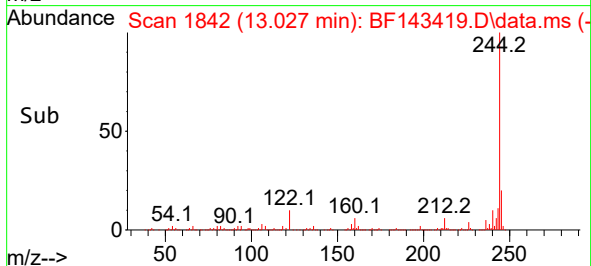
122 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#80

Butylbenzylphthalate

Concen: 20.702 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

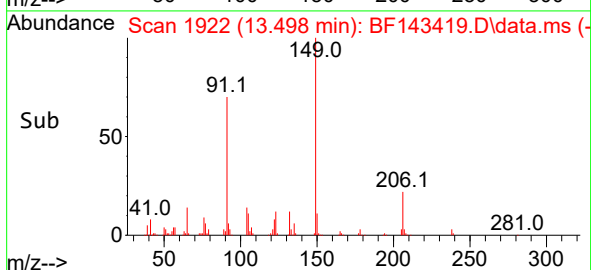
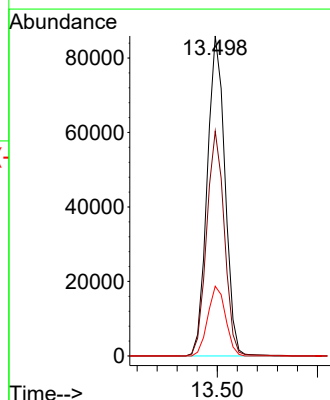
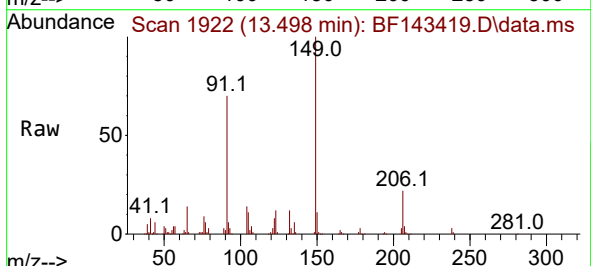
Tgt Ion:149 Resp: 105931

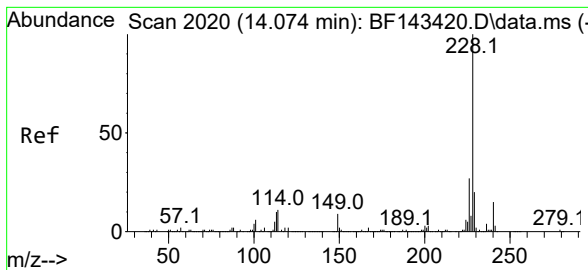
Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

206 21.8 17.6 26.4





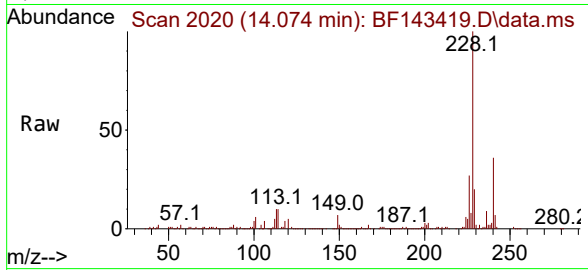
#81
 Benzo(a)anthracene
 Concen: 20.706 ng
 RT: 14.074 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



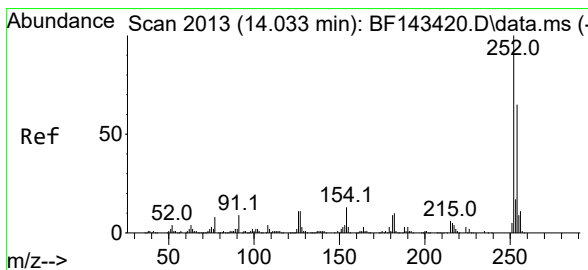
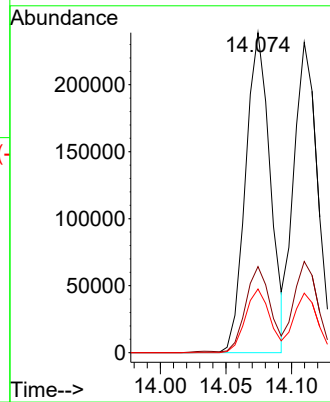
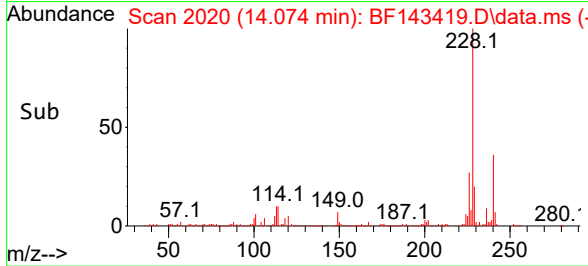
Tgt Ion:228 Resp: 313332
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.5 32.3
 229 19.9 15.7 23.5

Manual Integrations

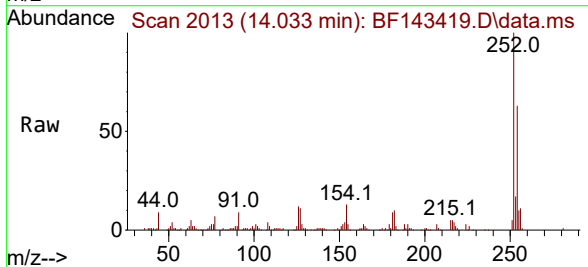
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

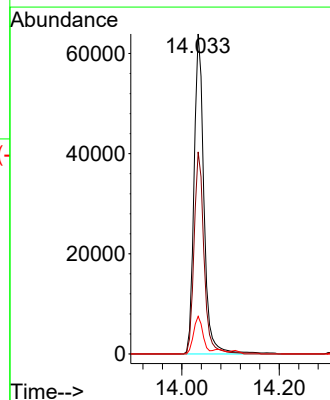
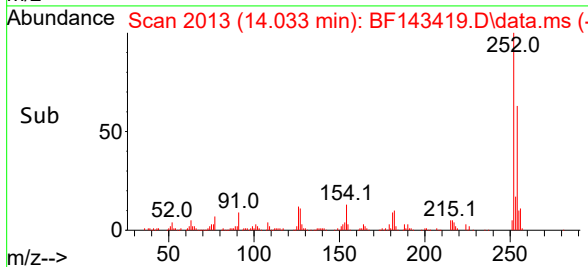
Supervised By :Jagrut Upadhyay 08/18/2025

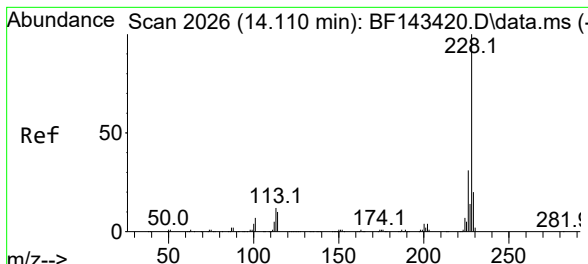


#82
 3,3'-Dichlorobenzidine
 Concen: 20.470 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58



Tgt Ion:252 Resp: 90692
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.6 77.4
 126 11.7 8.8 13.2





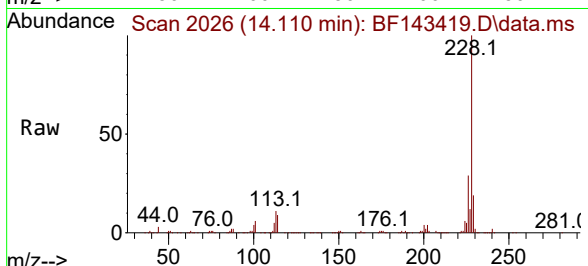
#83
 Chrysene
 Concen: 21.065 ng
 RT: 14.110 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 228 Resp: 294690

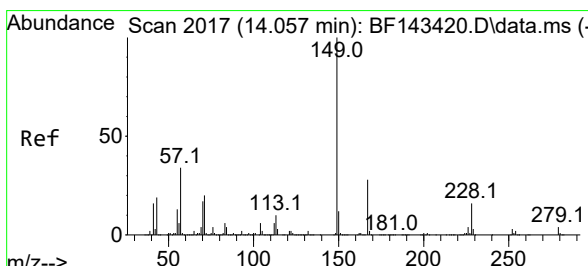
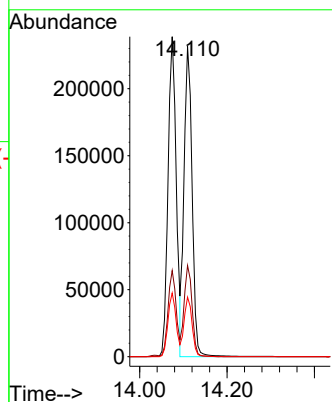
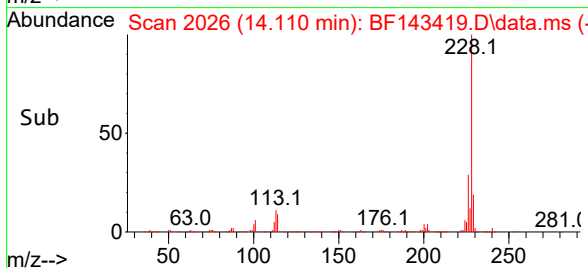
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	19.2	16.1	24.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/18/2025

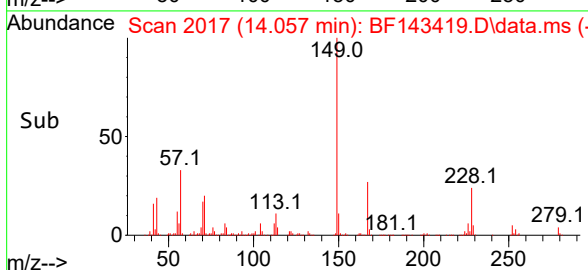
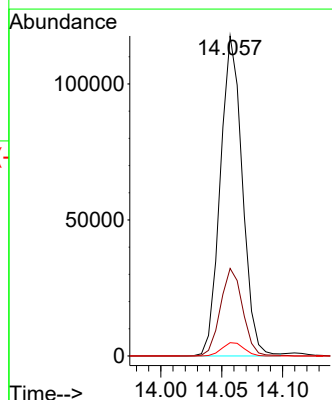
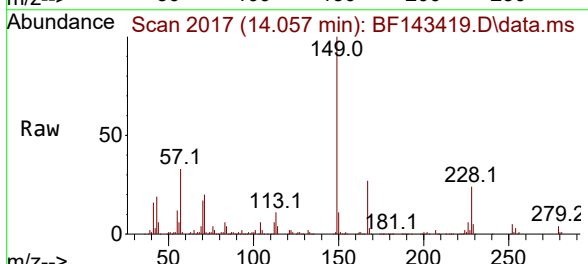
Supervised By :Jagrut Upadhyay 08/18/2025

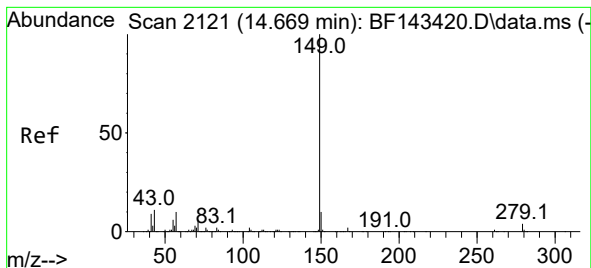


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.395 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BF143419.D
 Acq: 15 Aug 2025 15:58

Tgt Ion: 149 Resp: 148211

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	33.8
279	4.1	3.5	5.3





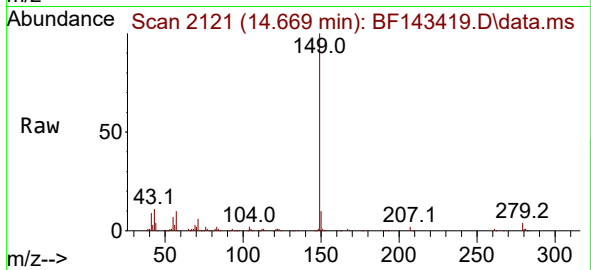
#85
Di-n-octyl phthalate
Concen: 19.503 ng
RT: 14.669 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



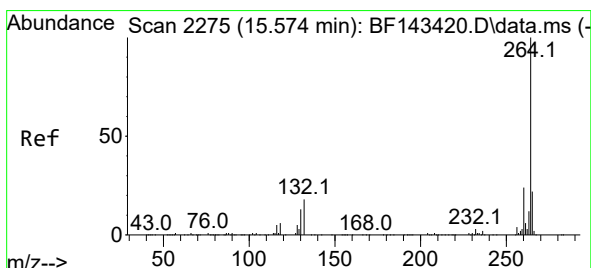
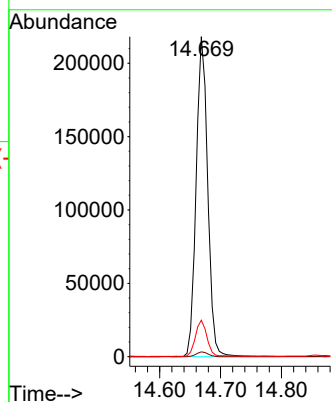
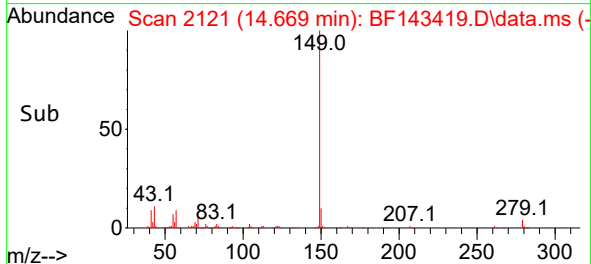
Tgt Ion:149 Resp: 287450
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.6

Manual Integrations

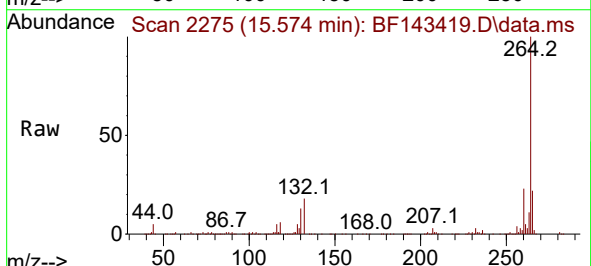
APPROVED

Reviewed By :Rahul Chavli 08/18/2025

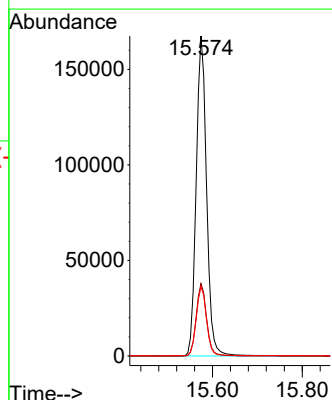
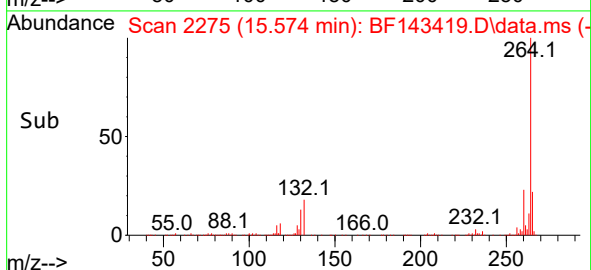
Supervised By :Jagrut Upadhyay 08/18/2025

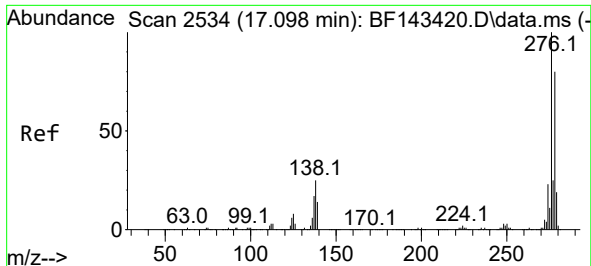


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



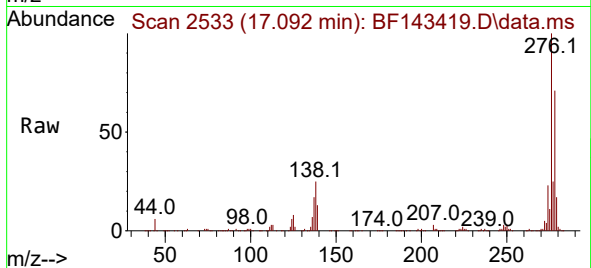
Tgt Ion:264 Resp: 269028
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.929 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

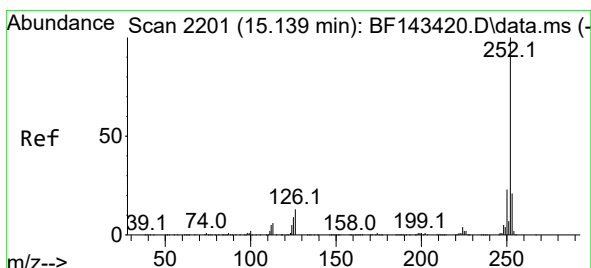
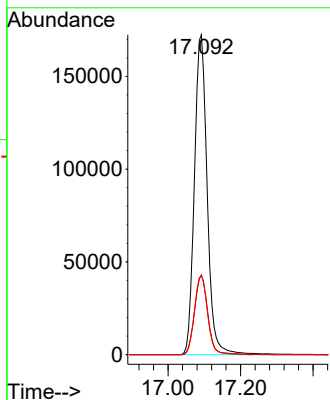
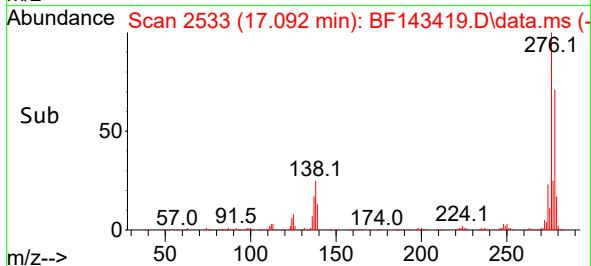
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



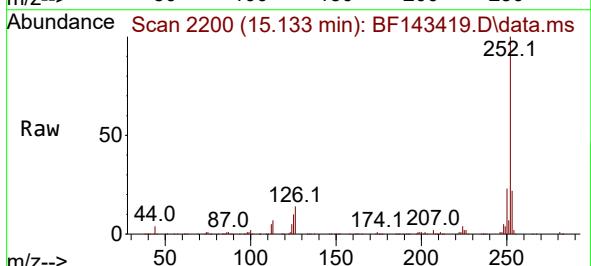
Tgt Ion:276 Resp: 422220
Ion Ratio Lower Upper
276 100
138 25.7 20.2 30.4
277 25.4 20.2 30.2

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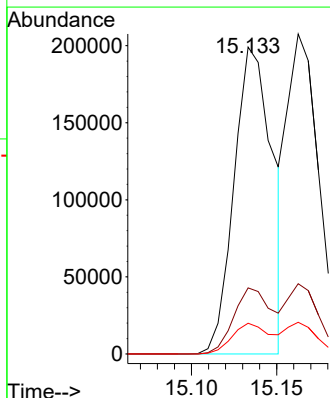
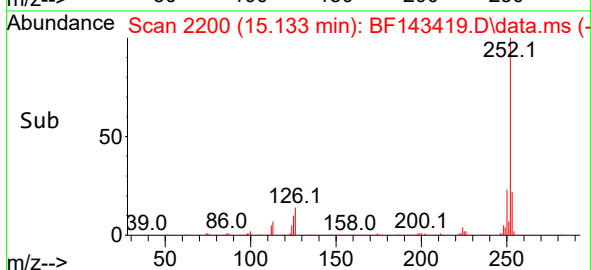
Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

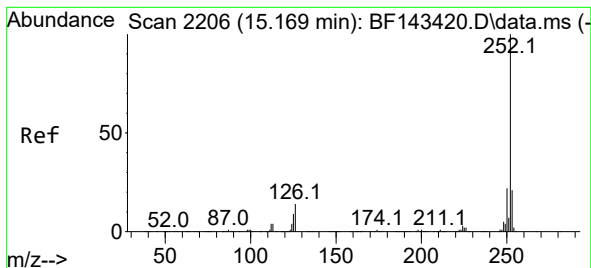


#88
Benzo(b)fluoranthene
Concen: 21.598 ng
RT: 15.133 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58



Tgt Ion:252 Resp: 311415
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 19.326 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 274840

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

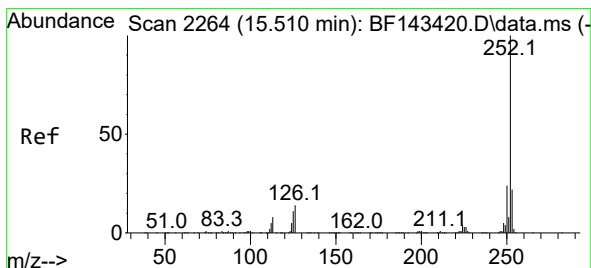
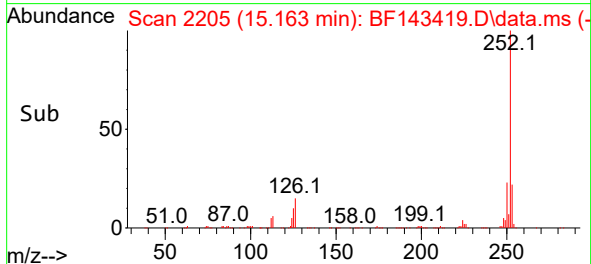
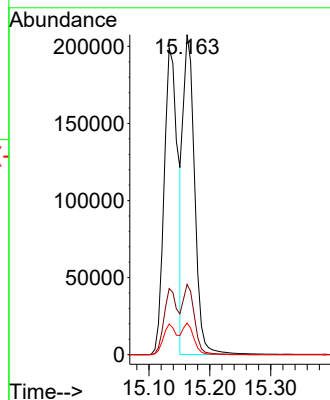
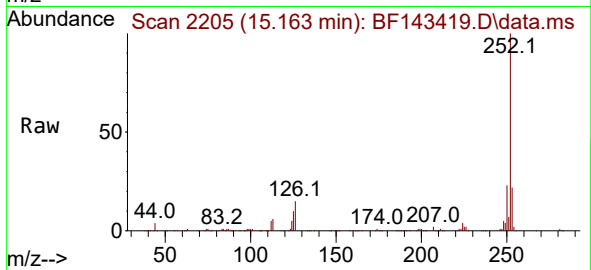
125 9.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025



#90

Benzo(a)pyrene

Concen: 20.655 ng

RT: 15.510 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF143419.D

Acq: 15 Aug 2025 15:58

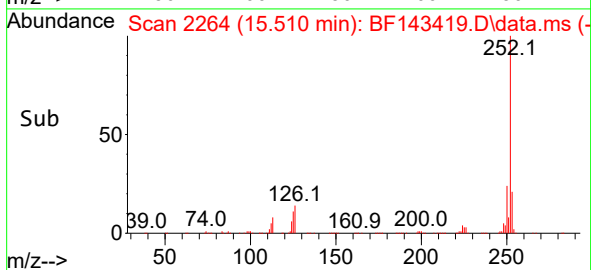
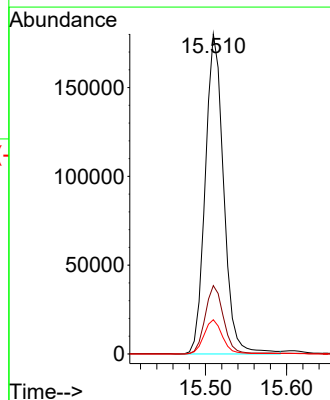
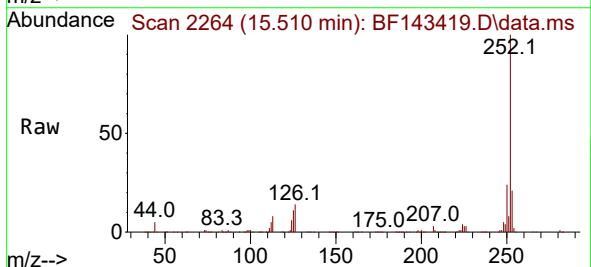
Tgt Ion:252 Resp: 283654

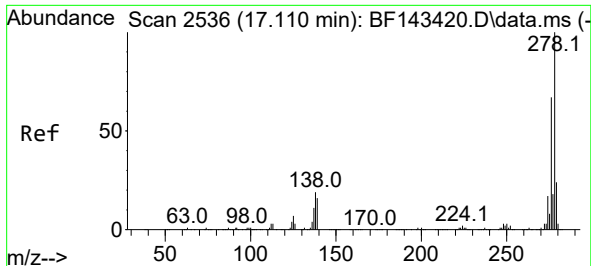
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

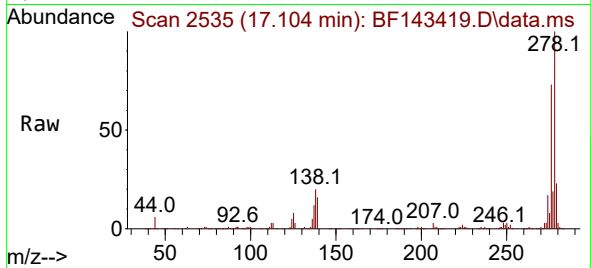
125 10.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 21.179 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

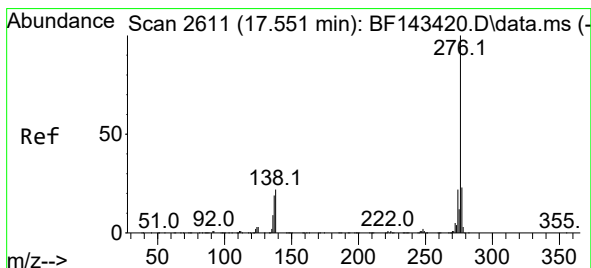
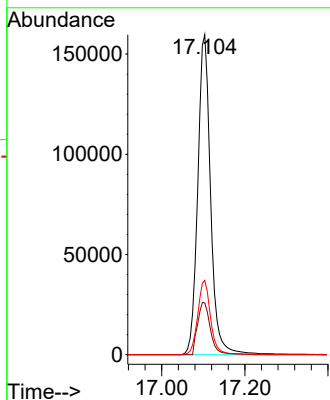
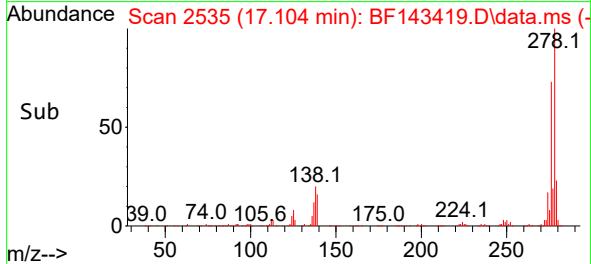
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 343124
Ion Ratio Lower Upper
278 100
139 16.2 12.9 19.3
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.888 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF143419.D
Acq: 15 Aug 2025 15:58

Tgt Ion:276 Resp: 338060
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 22.2 17.5 26.3

