

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143471.D
 Acq On : 19 Aug 2025 23:17
 Operator : RC/JU
 Sample : Q2888-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Quant Time: Aug 20 01:15:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli
 08/20/2025
 Supervised By :Jagrit
 Upadhyay
 08/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134014	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	525401	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	295607	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	453633	20.000	ng	0.00
76) Chrysene-d12	14.086	240	236575	20.000	ng	0.00
86) Perylene-d12	15.580	264	311905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	815421	105.770	ng	0.02
7) Phenol-d6	6.569	99	963243	99.144	ng	0.01
23) Nitrobenzene-d5	7.486	82	738920	83.454	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	350593	133.248	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1402811	79.819	ng	0.00
79) Terphenyl-d14	13.027	244	1177864	83.637	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	122859	33.107	ng	# 83
3) Pyridine	3.657	79	321375	33.020	ng	95
4) n-Nitrosodimethylamine	3.575	42	177679	39.276	ng	99
6) Aniline	6.592	93	311666	23.630	ng	# 61
8) 2-Chlorophenol	6.722	128	350201	41.145	ng	97
9) Benzaldehyde	6.481	77	106488	20.603	ng	99
10) Phenol	6.581	94	395912	34.921	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	339640	40.415	ng	96
12) 1,3-Dichlorobenzene	6.875	146	377714	39.617	ng	98
13) 1,4-Dichlorobenzene	6.945	146	379091	39.826	ng	99
14) 1,2-Dichlorobenzene	7.098	146	370374	40.738	ng	99
15) Benzyl Alcohol	7.069	79	324871	45.342	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	544122	37.873	ng	81
17) 2-Methylphenol	7.186	107	286770	41.295	ng	96
18) Hexachloroethane	7.439	117	126595	39.073	ng	100
19) n-Nitroso-di-n-propyla...	7.339	70	255004	42.396	ng	96
20) 3+4-Methylphenols	7.339	107	348784	42.014	ng	94
22) Acetophenone	7.333	105	475534	42.096	ng	98
24) Nitrobenzene	7.504	77	381155	41.188	ng	99
25) Isophorone	7.745	82	720845	42.537	ng	100
26) 2-Nitrophenol	7.822	139	194694	45.384	ng	99
27) 2,4-Dimethylphenol	7.863	122	320365	44.168	ng	97
28) bis(2-Chloroethoxy)met...	7.951	93	433073	41.577	ng	99
29) 2,4-Dichlorophenol	8.069	162	321353	43.461	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	324046	42.772	ng	99
31) Naphthalene	8.233	128	1012251	40.582	ng	100
32) Benzoic acid	7.980	122	108778	28.836	ng	98
33) 4-Chloroaniline	8.275	127	171049	18.998	ng	99
34) Hexachlorobutadiene	8.351	225	198876	41.166	ng	99
35) Caprolactam	8.645	113	80765m	37.939	ng	
36) 4-Chloro-3-methylphenol	8.769	107	340180	44.671	ng	99
37) 2-Methylnaphthalene	8.922	142	643936	38.299	ng	100
38) 1-Methylnaphthalene	9.022	142	663490	41.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	339402	41.169	ng	98
41) Hexachlorocyclopentadiene	9.080	237	331123	107.648	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	230740	44.868	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	244063	44.274	ng	99
46) 1,1'-Biphenyl	9.386	154	888555	42.781	ng	99
47) 2-Chloronaphthalene	9.410	162	686253	41.858	ng	99
48) 2-Nitroaniline	9.504	65	219885	45.068	ng	94
49) Acenaphthylene	9.827	152	1109270	46.861	ng	99
50) Dimethylphthalate	9.680	163	834976	45.306	ng	100
51) 2,6-Dinitrotoluene	9.745	165	185226	50.983	ng	93
52) Acenaphthene	9.998	154	715084	44.915	ng	100
53) 3-Nitroaniline	9.916	138	118128	29.189	ng	99
54) 2,4-Dinitrophenol	10.027	184	134565	79.694	ng	96
55) Dibenzofuran	10.169	168	988001	43.018	ng	98
56) 4-Nitrophenol	10.086	139	203735	80.074	ng	99
57) 2,4-Dinitrotoluene	10.151	165	244973	50.575	ng	97
58) Fluorene	10.516	166	769412	43.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	215048	51.535	ng	99
60) Diethylphthalate	10.380	149	768397	45.118	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	384232	44.047	ng	96
62) 4-Nitroaniline	10.527	138	166680	44.040	ng	98
63) Azobenzene	10.663	77	757659	44.016	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	106411	45.463	ng	97
66) n-Nitrosodiphenylamine	10.621	169	669186	45.368	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	246812	46.075	ng	99
68) Hexachlorobenzene	11.069	284	261331	45.889	ng	96
69) Atrazine	11.145	200	203384	47.142	ng	99
70) Pentachlorophenol	11.263	266	252772	100.931	ng	98
71) Phenanthrene	11.474	178	1065798	43.387	ng	99
72) Anthracene	11.527	178	1096217	44.183	ng	99
73) Carbazole	11.680	167	886333	42.238	ng	100
74) Di-n-butylphthalate	12.004	149	974561	46.637	ng	100
75) Fluoranthene	12.663	202	918915	42.099	ng	100
77) Benzidine	12.780	184	214347	30.341	ng	98
78) Pyrene	12.892	202	895568	43.554	ng	99
80) Butylbenzylphthalate	13.498	149	276677	54.324	ng	99
81) Benzo(a)anthracene	14.080	228	696554	46.247	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	151330	34.316	ng	100
83) Chrysene	14.115	228	612820	44.011	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	375397	51.901	ng	100
85) Di-n-octyl phthalate	14.668	149	742244	50.595	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	1003006	42.882	ng	99
88) Benzo(b)fluoranthene	15.139	252	806405	48.239	ng	98
89) Benzo(k)fluoranthene	15.168	252	700138	42.463	ng	99
90) Benzo(a)pyrene	15.515	252	760328	47.753	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	815326	43.407	ng	100
92) Benzo(g,h,i)perylene	17.562	276	816388	43.508	ng	99

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

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Manual Integrations

APPROVED

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Chavli

08/20/2025

Supervised By :Jagrut

Upadhyay

08/20/2025

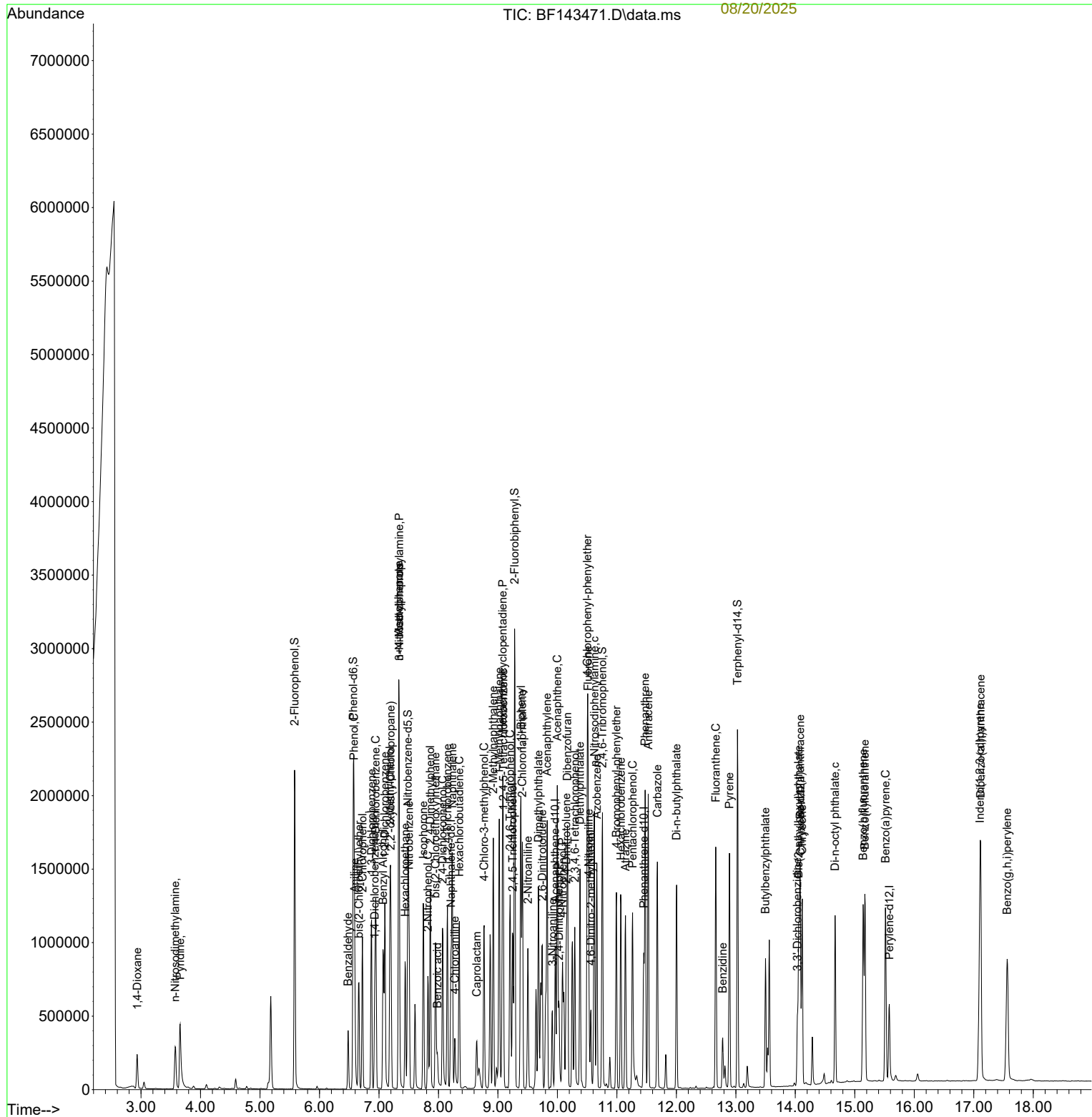
Quant Time: Aug 20 01:15:40 2025

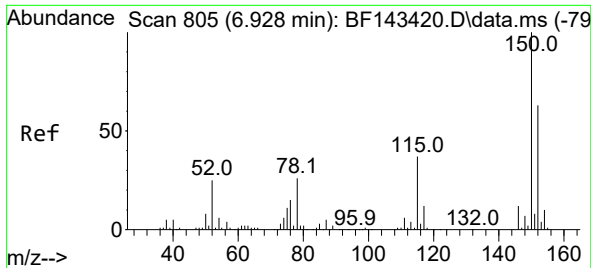
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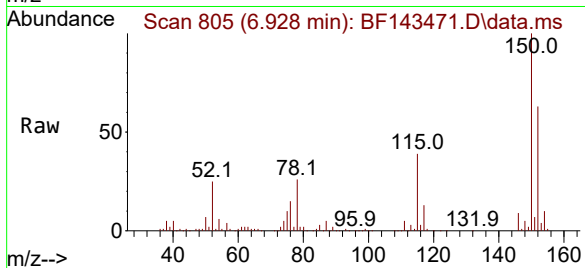
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

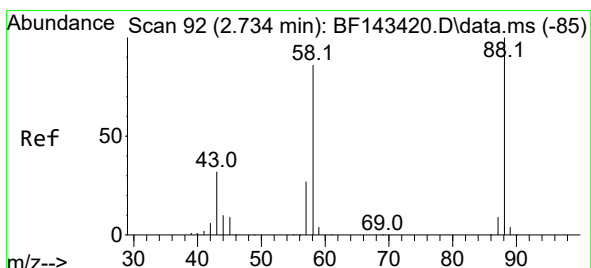
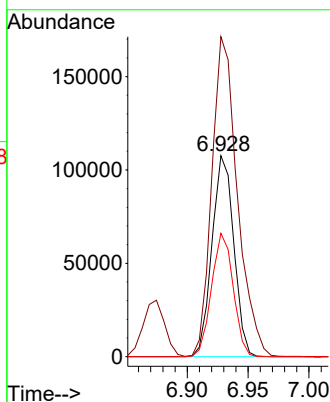
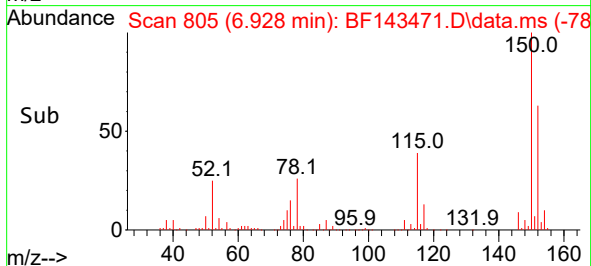


Tgt Ion:152 Resp: 134014
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.4 191.2
 115 61.4 47.5 71.3

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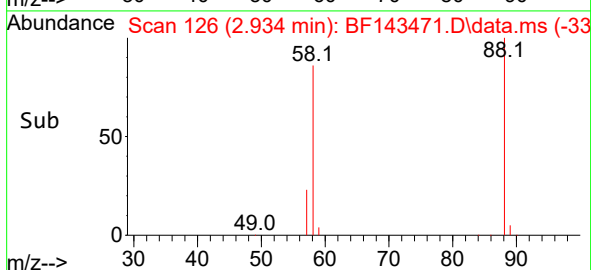
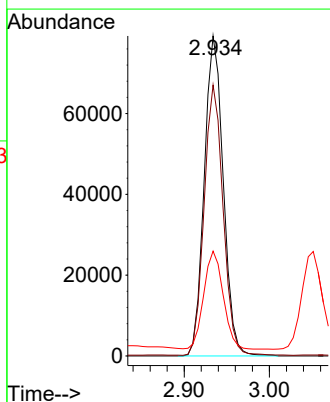
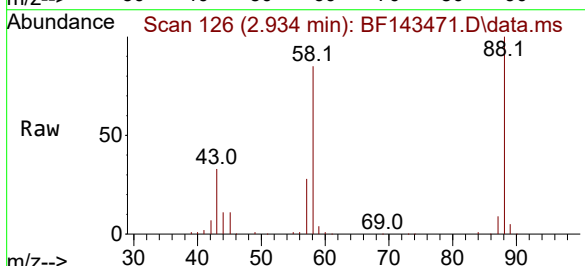
Reviewed By :Rahul
 Chavli
 08/20/2025

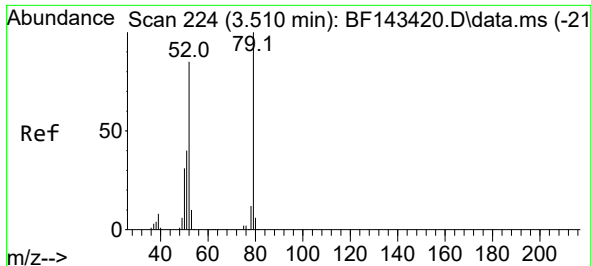
Supervised By :Jagrut
 Upadhyay
 08/20/2025



#2
 1,4-Dioxane
 Concen: 33.107 ng
 RT: 2.934 min Scan# 126
 Delta R.T. 0.200 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

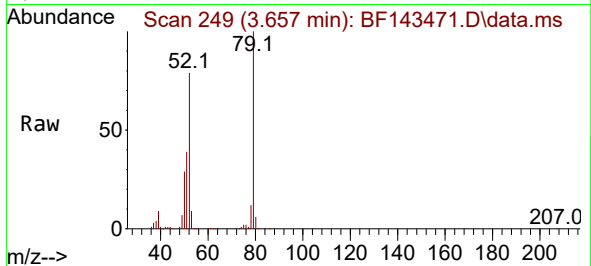
Tgt Ion: 88 Resp: 122859
 Ion Ratio Lower Upper
 88 100
 58 84.2 68.7 103.1
 43 0.0 26.1 39.1#





#3
Pyridine
Concen: 33.020 ng
RT: 3.657 min Scan# 249
Delta R.T. 0.147 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

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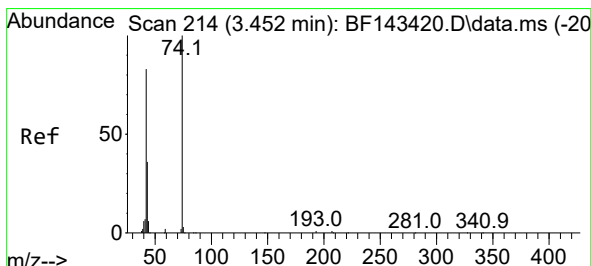
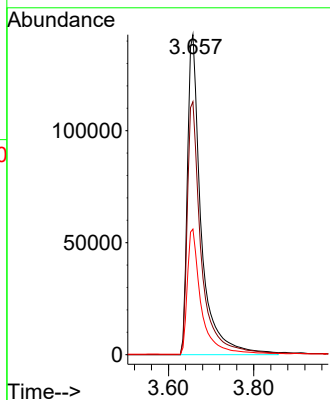
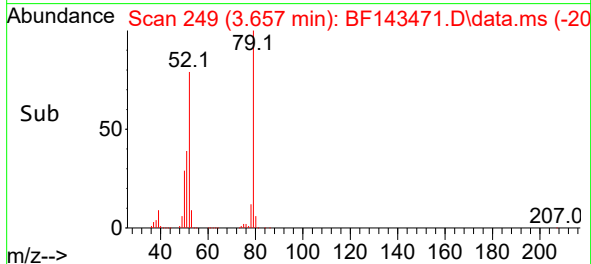


Tgt Ion: 79 Resp: 321375
Ion Ratio Lower Upper
79 100
52 79.0 67.7 101.5
51 39.2 32.3 48.5

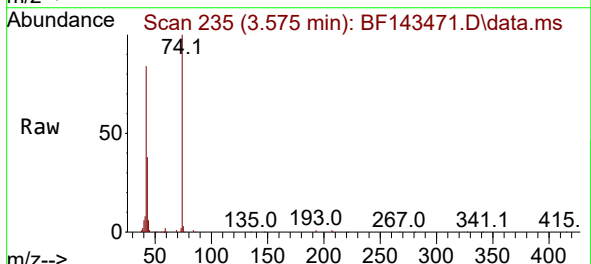
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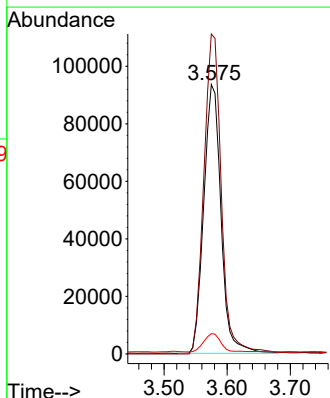
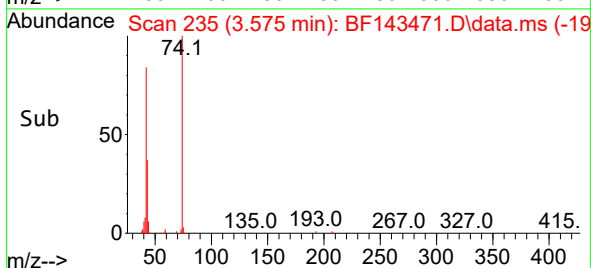
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Upadhyay
08/20/2025

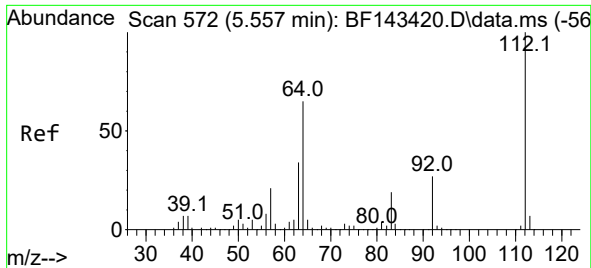


#4
n-Nitrosodimethylamine
Concen: 39.276 ng
RT: 3.575 min Scan# 235
Delta R.T. 0.123 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



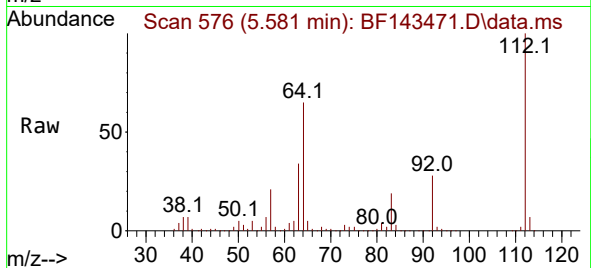
Tgt Ion: 42 Resp: 177679
Ion Ratio Lower Upper
42 100
74 118.8 96.2 144.4
44 7.5 5.9 8.9





#5
2-Fluorophenol
Concen: 105.770 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

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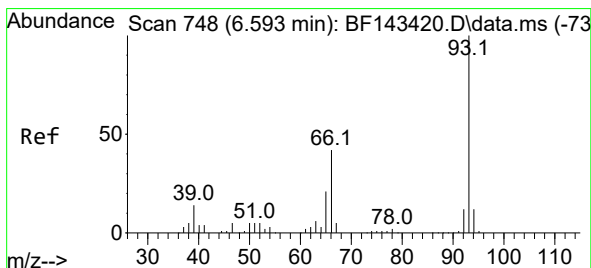
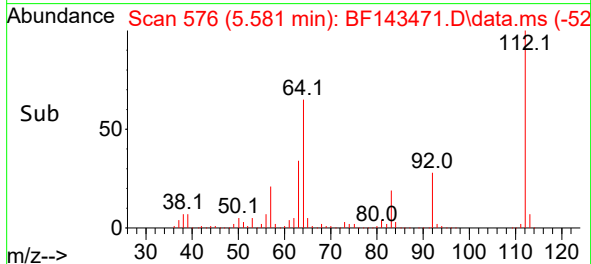
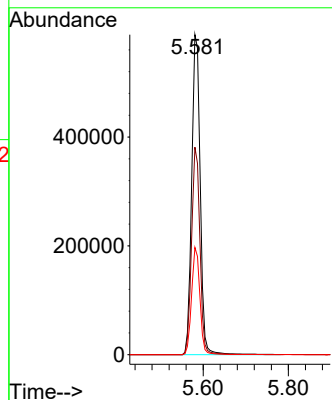


Tgt Ion:112 Resp: 81542
Ion Ratio Lower Upper
112 100
64 64.9 52.2 78.2
63 33.5 27.0 40.6

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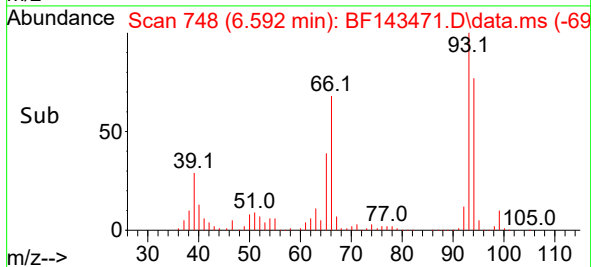
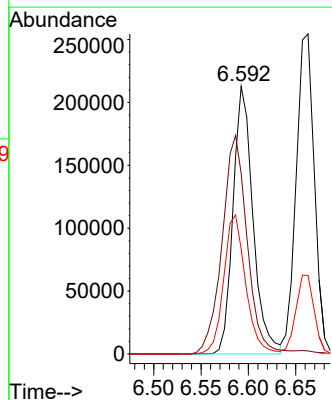
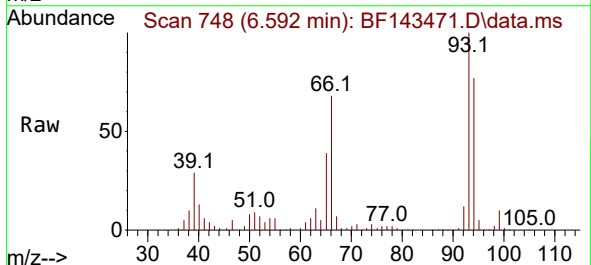
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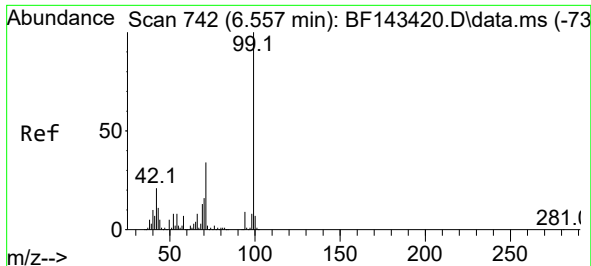
Supervised By :Jagrut
Upadhyay
08/20/2025



#6
Aniline
Concen: 23.630 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

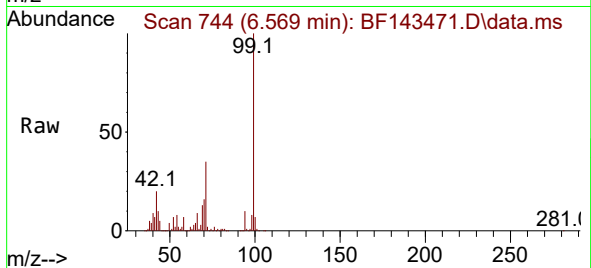
Tgt Ion: 93 Resp: 311666
Ion Ratio Lower Upper
93 100
66 67.5 33.8 50.8#
65 39.3 17.2 25.8#





#7
Phenol-d6
Concen: 99.144 ng
RT: 6.569 min Scan# 742
Delta R.T. 0.012 min
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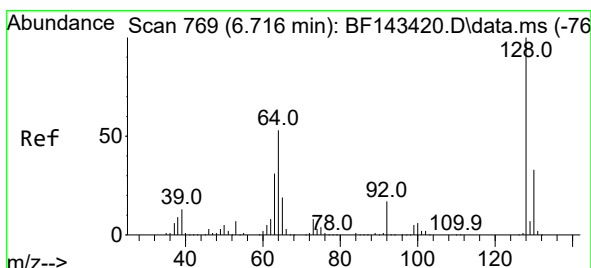
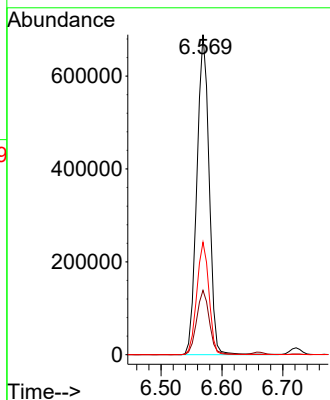
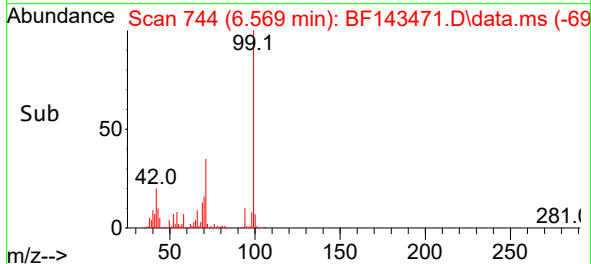


Tgt Ion: 99 Resp: 96324
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 35.2 27.4 41.2

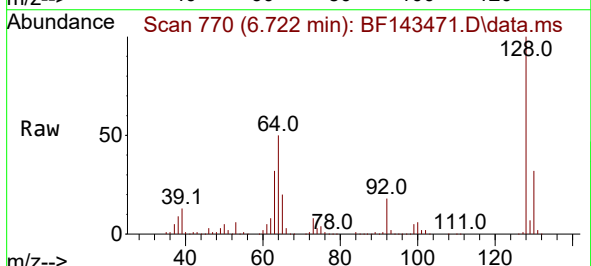
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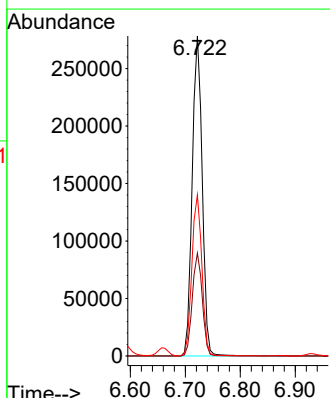
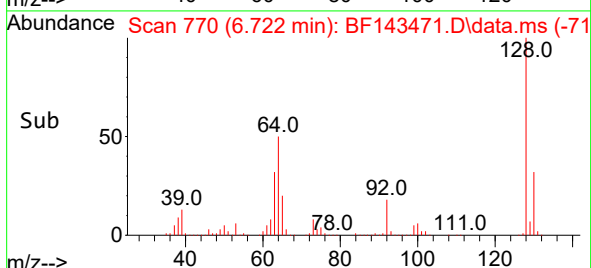
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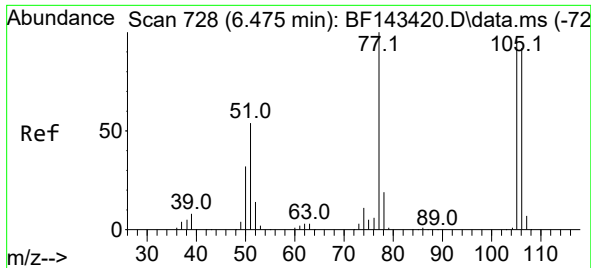


#8
2-Chlorophenol
Concen: 41.145 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143471.D
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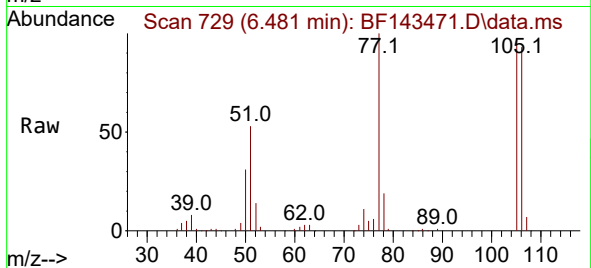
Tgt Ion:128 Resp: 350201
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 50.4 33.1 73.1





#9
Benzaldehyde
Concen: 20.603 ng
RT: 6.481 min Scan# 728
Delta R.T. 0.006 min
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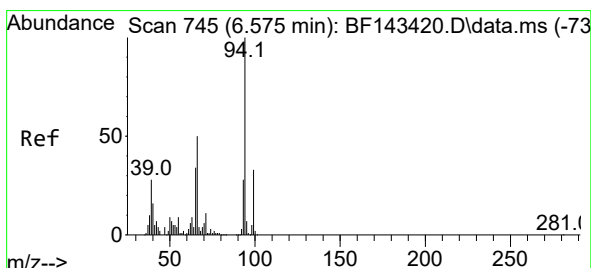
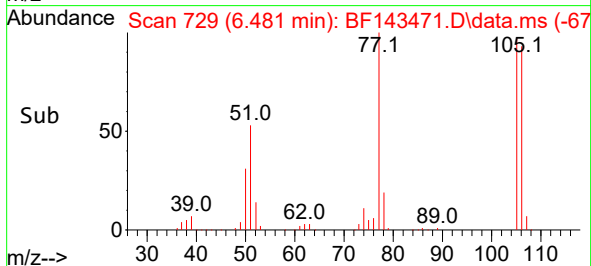
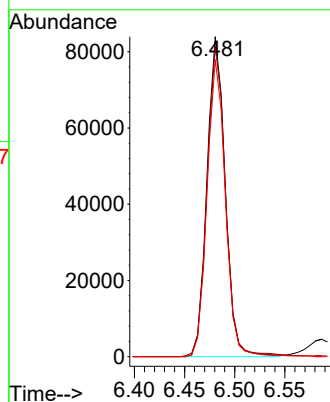


Tgt Ion: 77 Resp: 106488
Ion Ratio Lower Upper
77 100
105 97.1 75.5 115.5
106 92.8 72.0 112.0

Manual Integrations
APPROVED

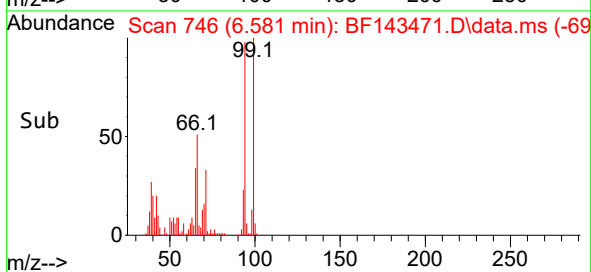
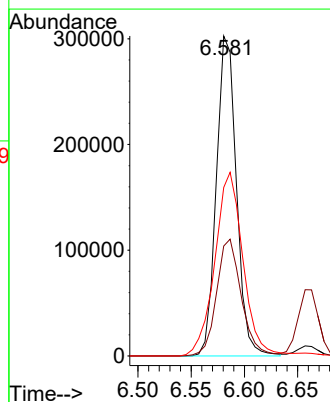
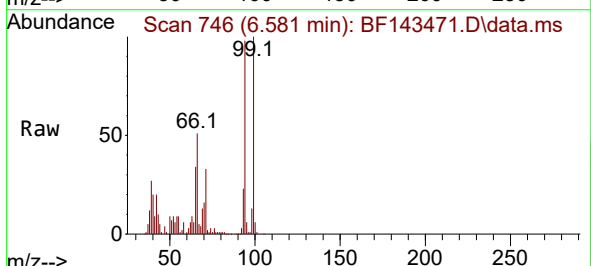
Reviewed By :Rahul
Chavli
08/20/2025

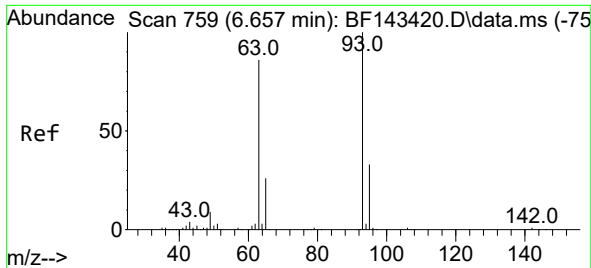
Supervised By :Jagrit
Upadhyay
08/20/2025



#10
Phenol
Concen: 34.921 ng
RT: 6.581 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

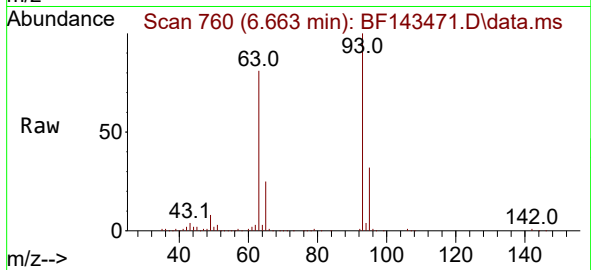
Tgt Ion: 94 Resp: 395912
Ion Ratio Lower Upper
94 100
65 34.4 13.7 53.7
66 52.7 30.3 70.3





#11
bis(2-Chloroethyl)ether
Concen: 40.415 ng
RT: 6.663 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

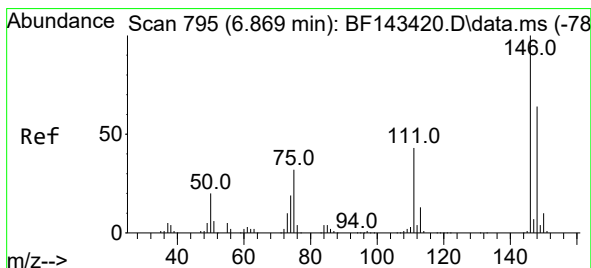
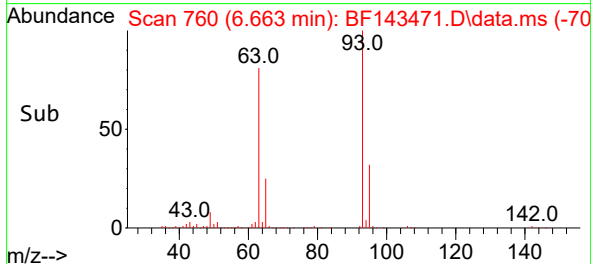
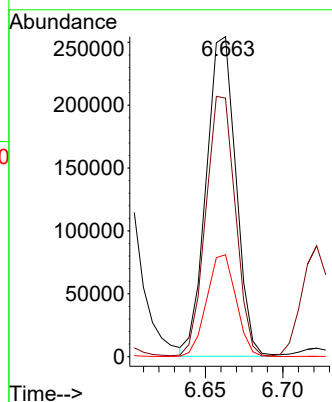


Tgt Ion: 93 Resp: 339640
Ion Ratio Lower Upper
93 100
63 80.8 65.4 105.4
95 31.8 12.8 52.8

Manual Integrations
APPROVED

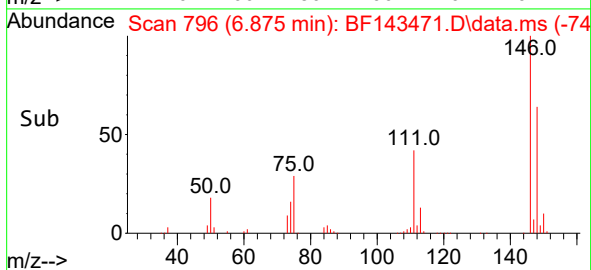
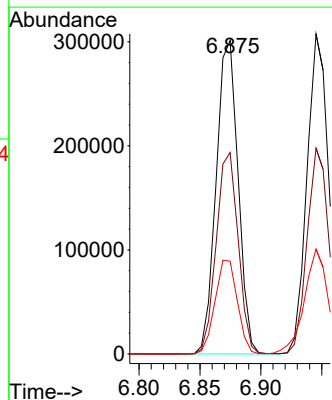
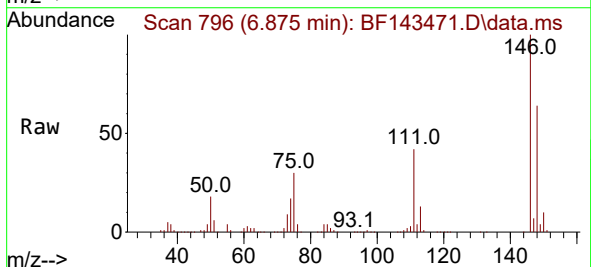
Reviewed By :Rahul
Chavli
08/20/2025

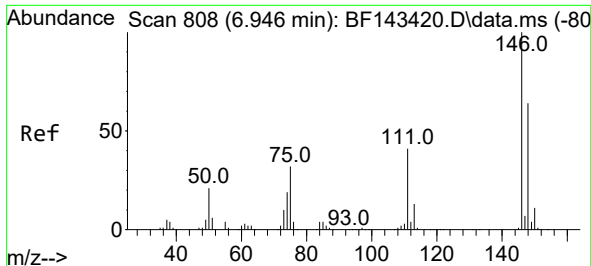
Supervised By :Jagrut
Upadhyay
08/20/2025



#12
1,3-Dichlorobenzene
Concen: 39.617 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:146 Resp: 377714
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 29.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.826 ng

RT: 6.945 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

Tgt Ion:146	Resp:	37909
Ion Ratio	Lower	Upper
146	100	
148	64.3	51.1 76.7
111	41.6	32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Rahul

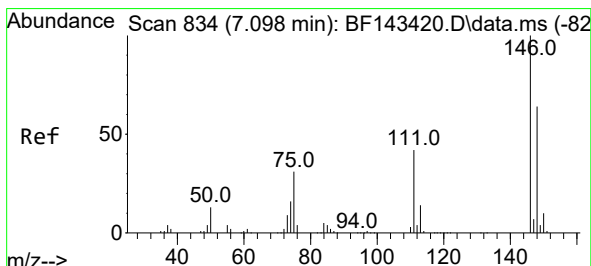
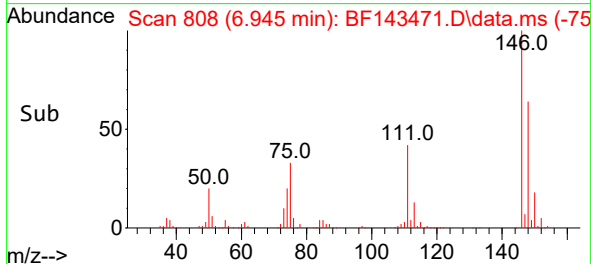
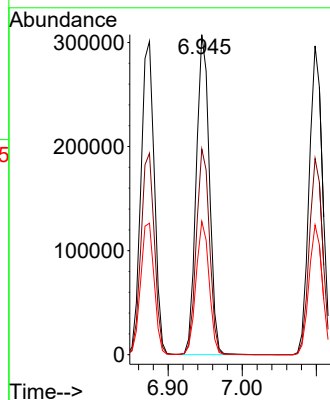
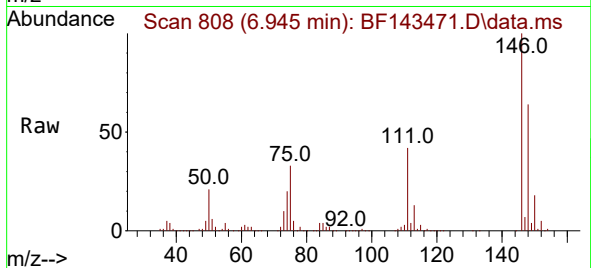
Chavli

08/20/2025

Supervised By :Jagrut

Upadhyay

08/20/2025



#14

1,2-Dichlorobenzene

Concen: 40.738 ng

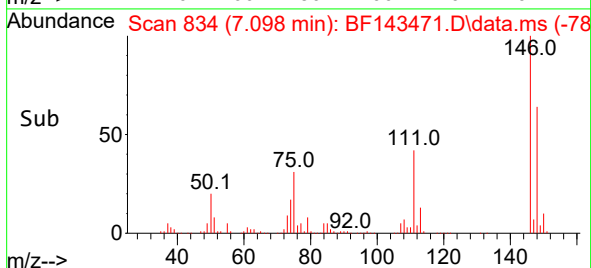
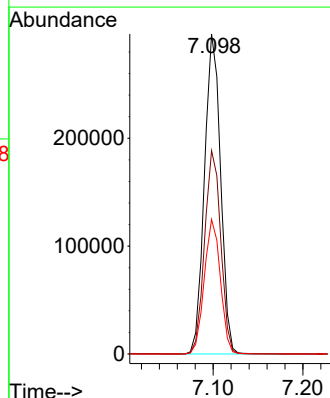
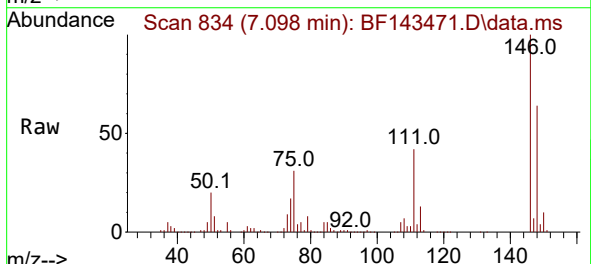
RT: 7.098 min Scan# 834

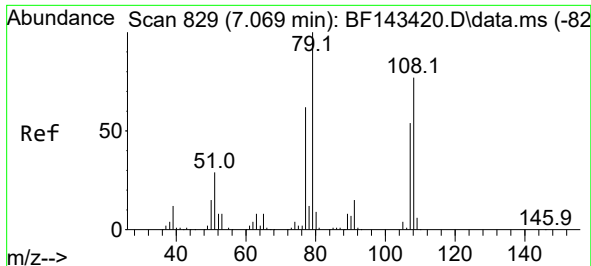
Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

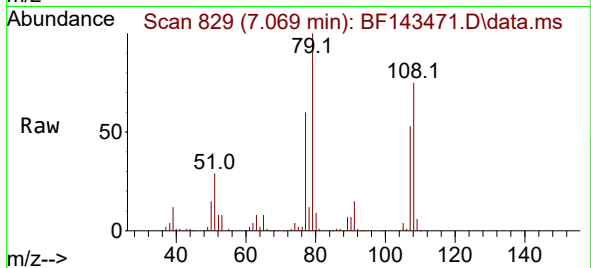
Tgt Ion:146	Resp:	370374
Ion Ratio	Lower	Upper
146	100	
148	63.5	51.4 77.0
111	42.0	33.9 50.9





#15
Benzyl Alcohol
Concen: 45.342 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

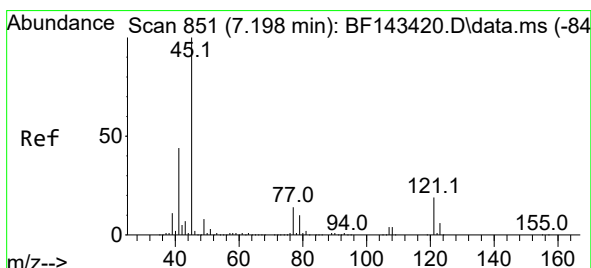
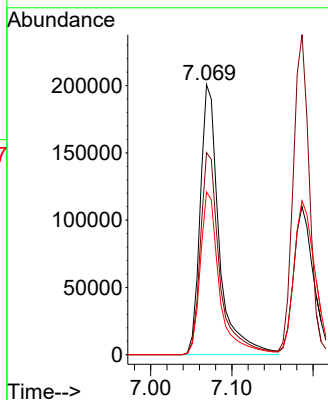
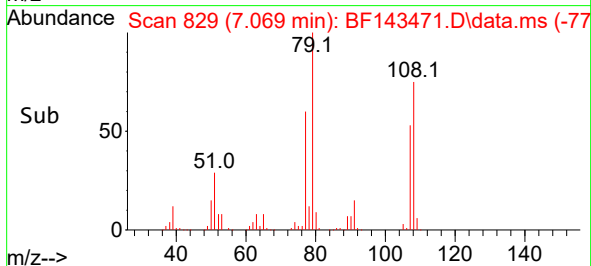


Tgt Ion: 79 Resp: 32487
Ion Ratio Lower Upper
79 100
108 74.8 61.9 92.9
77 60.2 49.2 73.8

Manual Integrations
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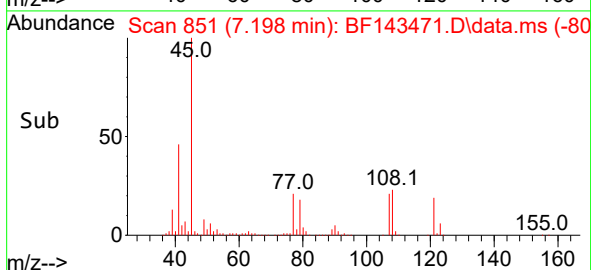
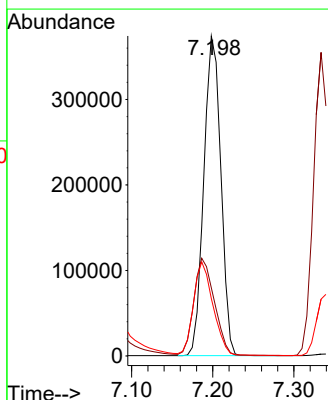
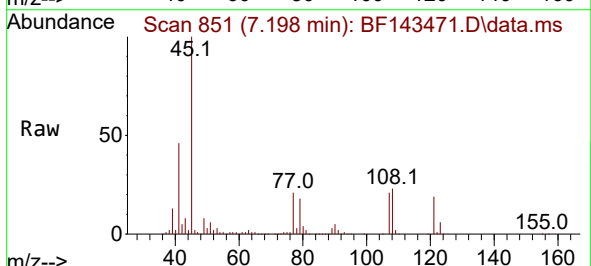
Reviewed By :Rahul
Chavli
08/20/2025

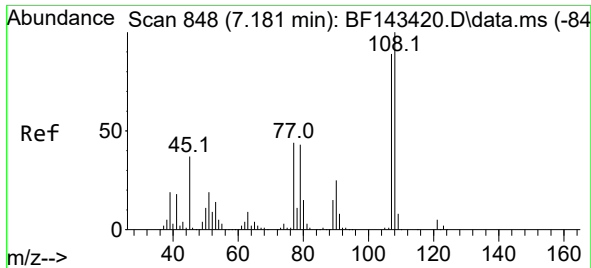
Supervised By :Jagrut
Upadhyay
08/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.873 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

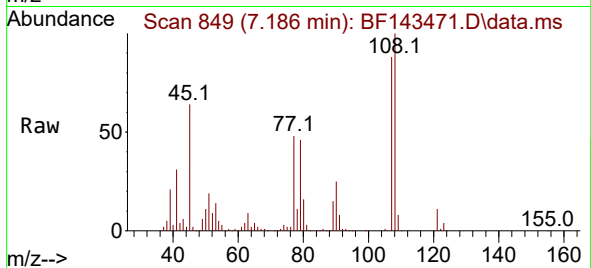
Tgt Ion: 45 Resp: 544122
Ion Ratio Lower Upper
45 100
77 21.3 0.0 33.9
79 18.0 0.0 30.7





#17
2-Methylphenol
Concen: 41.295 ng
RT: 7.186 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

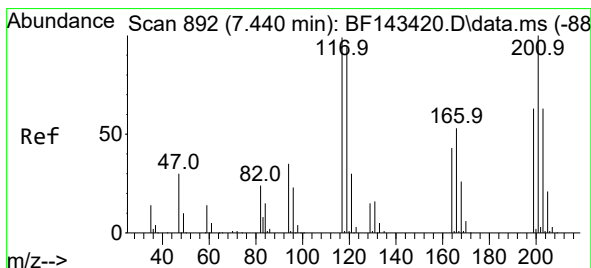
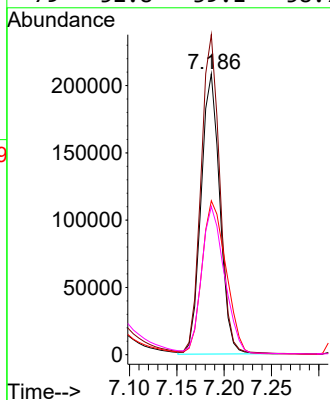
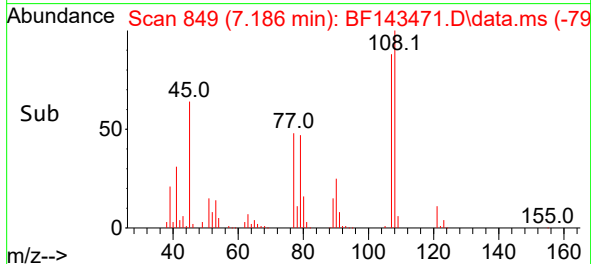


Tgt Ion:107 Resp: 286770
Ion Ratio Lower Upper
107 100
108 114.0 90.1 135.1
77 54.8 39.9 59.9
79 52.8 39.1 58.7

Manual Integrations
APPROVED

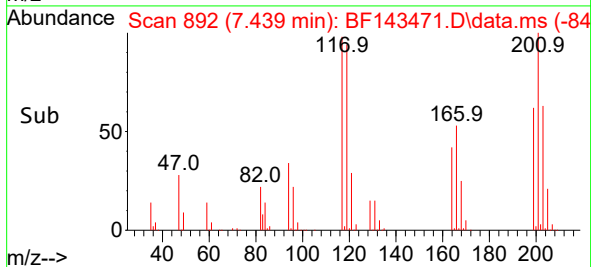
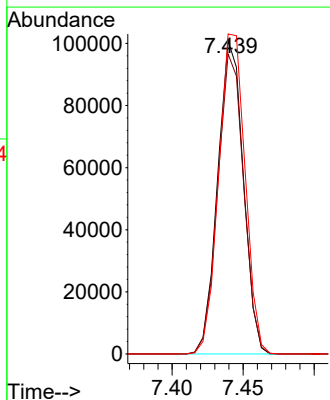
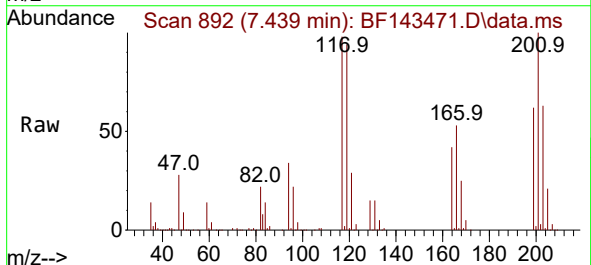
Reviewed By :Rahul
Chavli
08/20/2025

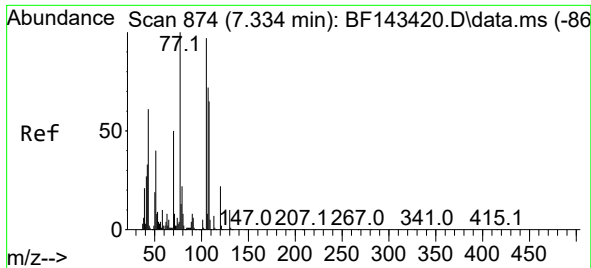
Supervised By :Jagrut
Upadhyay
08/20/2025



#18
Hexachloroethane
Concen: 39.073 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

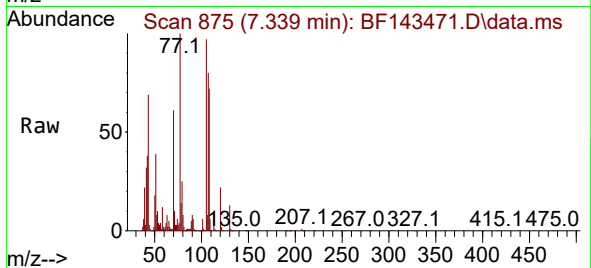
Tgt Ion:117 Resp: 126595
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 102.1 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.396 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

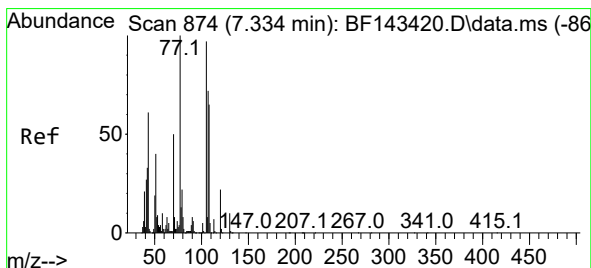
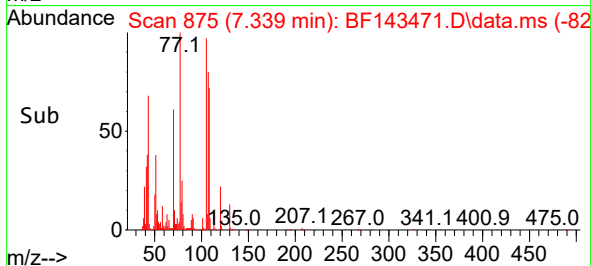
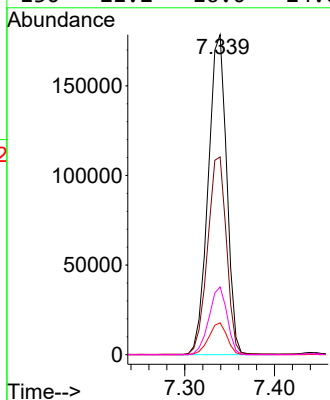
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS



Tgt Ion: 70 Resp: 255004
Ion Ratio Lower Upper
70 100
42 61.8 52.5 78.7
101 9.9 7.9 11.9
130 21.2 16.0 24.0

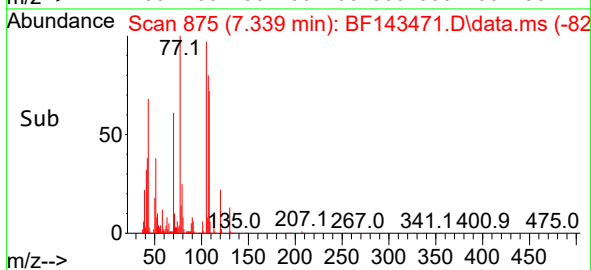
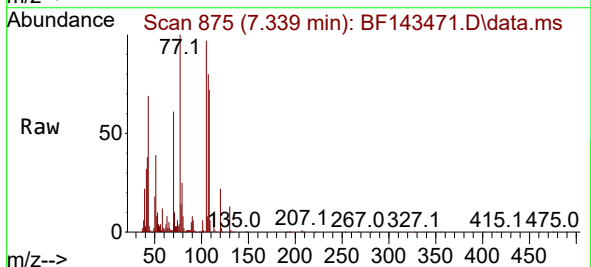
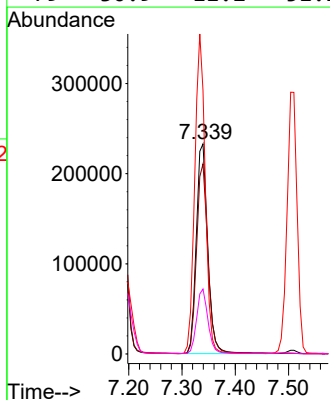
Manual Integrations
APPROVED

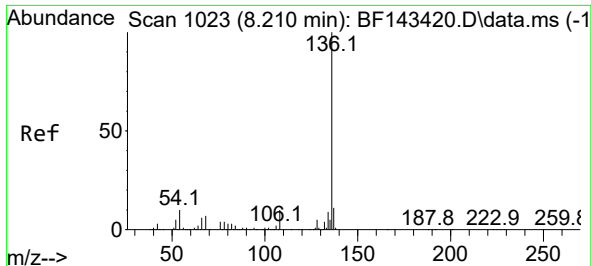
Reviewed By :Rahul
Chavli
08/20/2025
Supervised By :Jagrut
Upadhyay
08/20/2025



#20
3+4-Methylphenols
Concen: 42.014 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

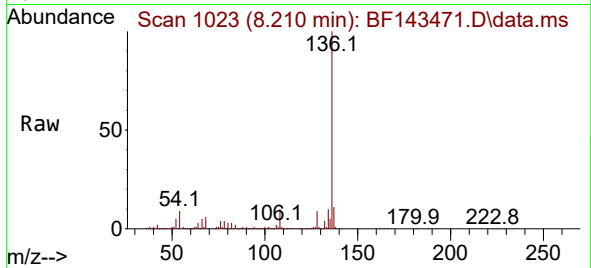
Tgt Ion:107 Resp: 348784
Ion Ratio Lower Upper
107 100
108 90.4 70.8 110.8
77 125.4 119.1 159.1
79 30.9 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

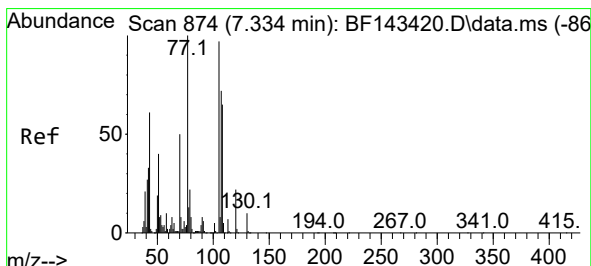
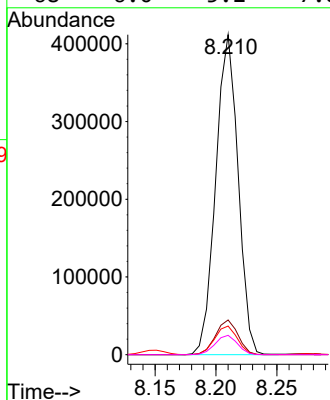
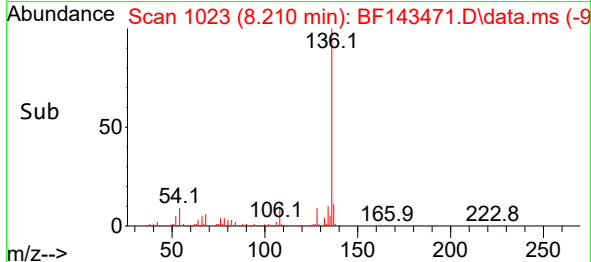
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS



Tgt Ion:136 Resp: 52540
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 7.8 11.8
68 6.0 5.2 7.8

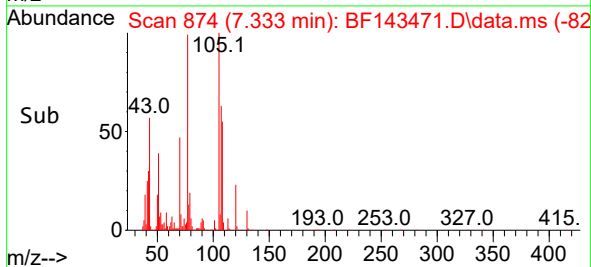
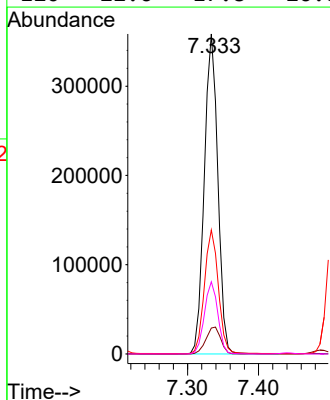
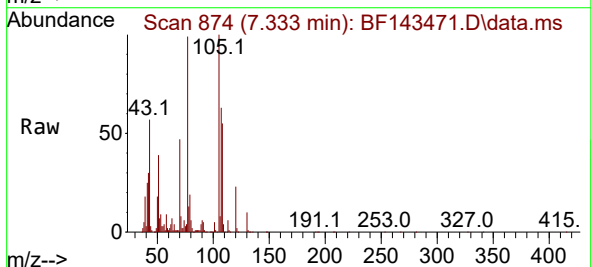
Manual Integrations
APPROVED

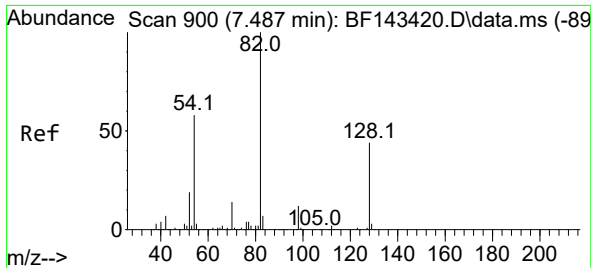
Reviewed By :Rahul
Chavli
08/20/2025
Supervised By :Jagrit
Upadhyay
08/20/2025



#22
Acetophenone
Concen: 42.096 ng
RT: 7.333 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

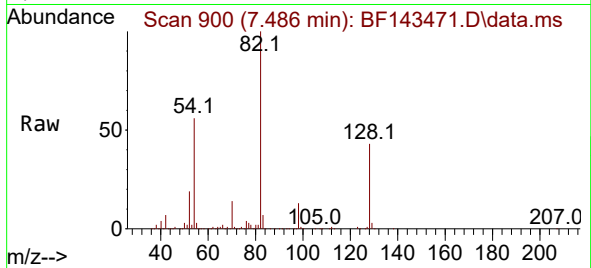
Tgt Ion:105 Resp: 475534
Ion Ratio Lower Upper
105 100
71 8.1 7.0 10.4
51 38.8 32.7 49.1
120 22.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 83.454 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

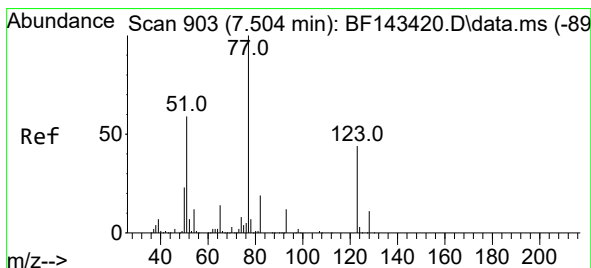
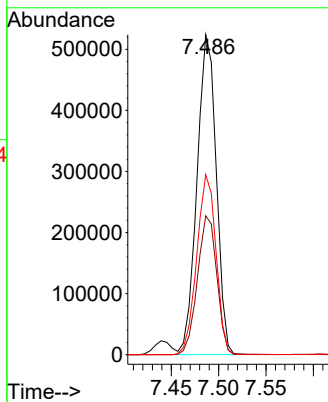
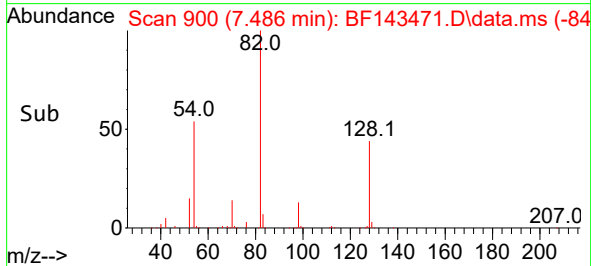


Tgt Ion: 82 Resp: 738920
Ion Ratio Lower Upper
82 100
128 43.4 34.6 52.0
54 56.2 46.0 69.0

Manual Integrations
APPROVED

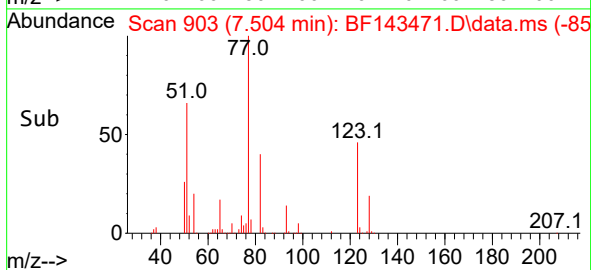
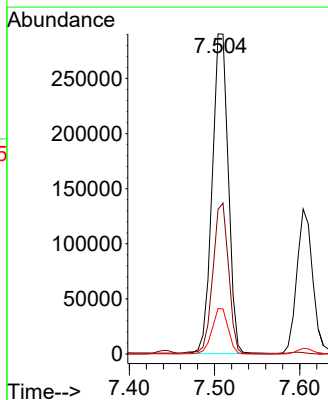
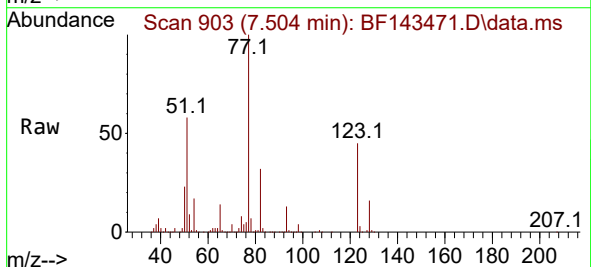
Reviewed By :Rahul
Chavli
08/20/2025

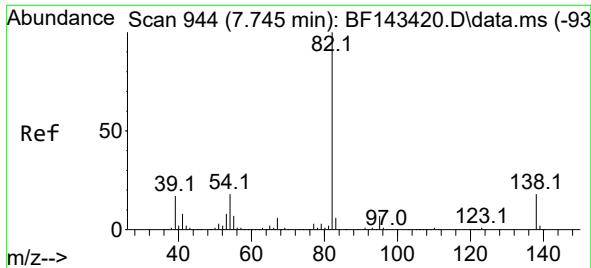
Supervised By :Jagrut
Upadhyay
08/20/2025



#24
Nitrobenzene
Concen: 41.188 ng
RT: 7.504 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

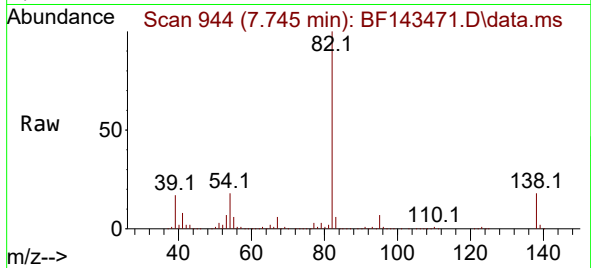
Tgt Ion: 77 Resp: 381155
Ion Ratio Lower Upper
77 100
123 45.2 35.4 53.0
65 14.2 11.2 16.8





#25
Isophorone
Concen: 42.537 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

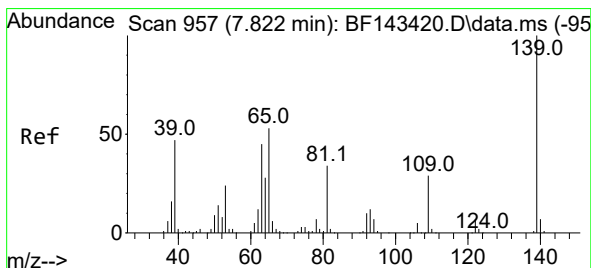
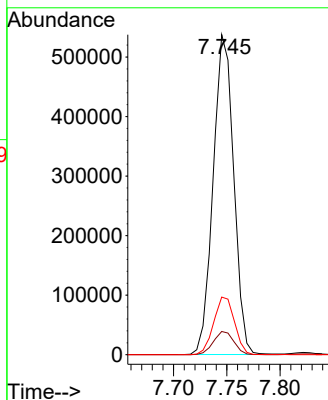


Tgt Ion: 82 Resp: 720845
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.0 14.3 21.5

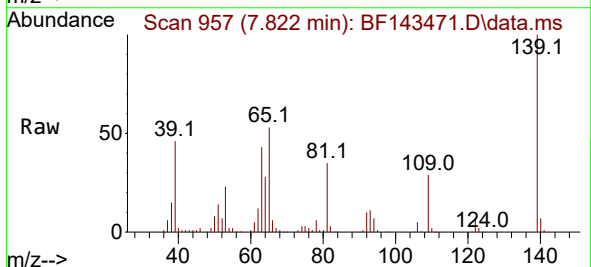
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli
08/20/2025

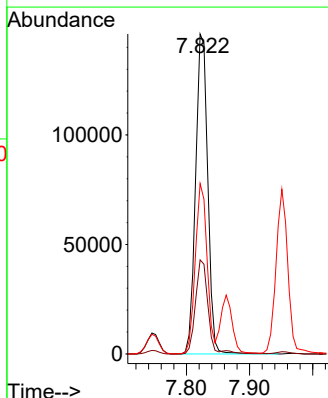
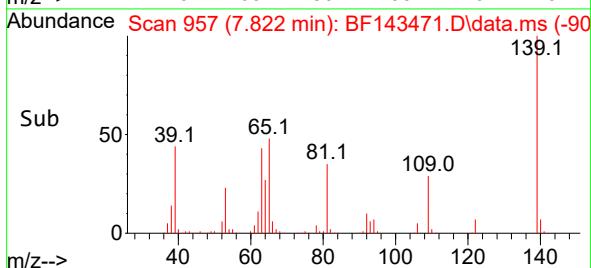
Supervised By :Jagrut
Upadhyay
08/20/2025

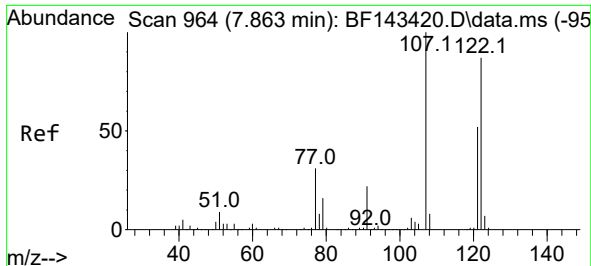


#26
2-Nitrophenol
Concen: 45.384 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



Tgt Ion:139 Resp: 194694
Ion Ratio Lower Upper
139 100
109 29.4 23.0 34.4
65 53.3 42.5 63.7





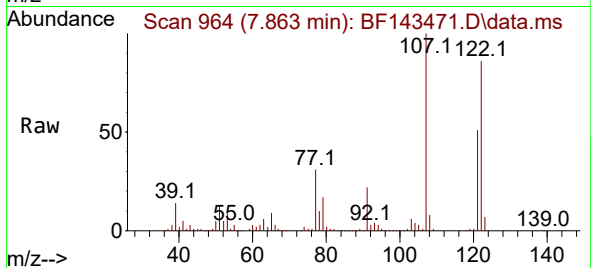
#27
2,4-Dimethylphenol
Concen: 44.168 ng
RT: 7.863 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:122 Resp: 32036
Ion Ratio Lower Upper
122 100
107 116.6 90.4 135.6
121 59.1 46.7 70.1

Manual Integrations
APPROVED

Reviewed By :Rahul

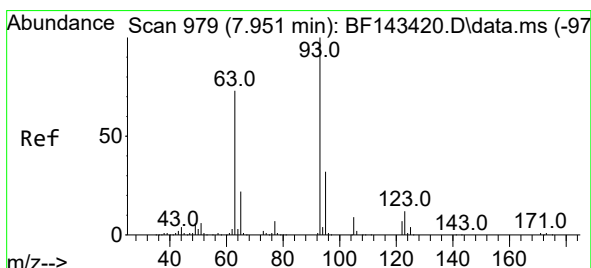
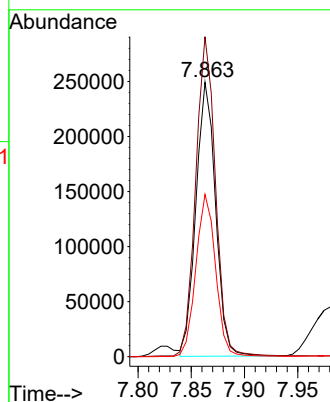
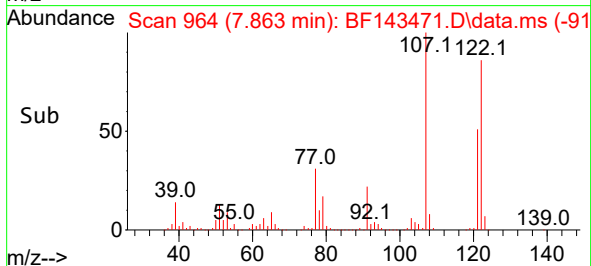
Chavli

08/20/2025

Supervised By :Jagrut

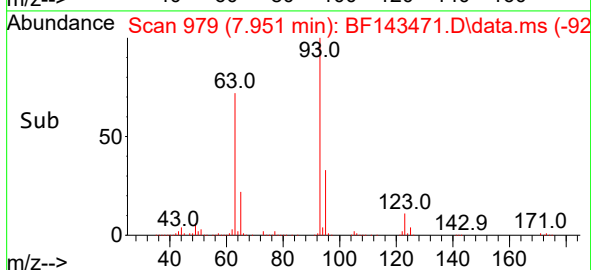
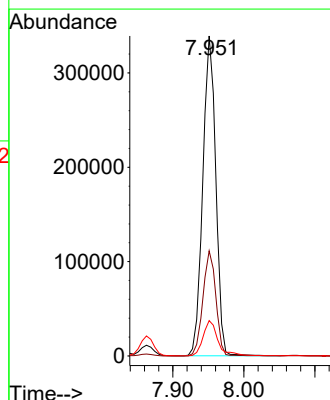
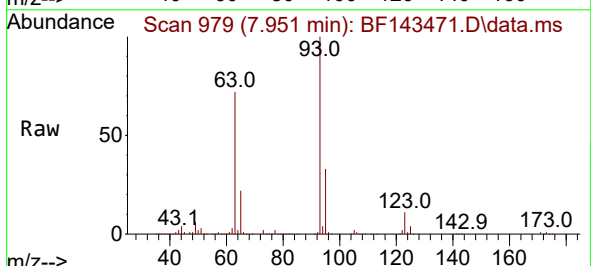
Upadhyay

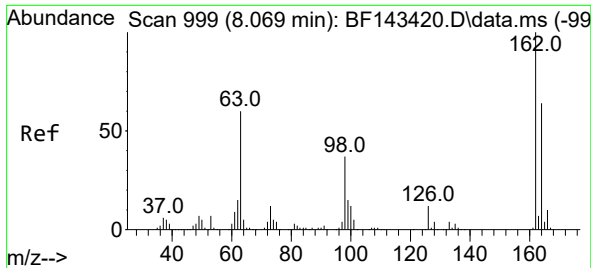
08/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.577 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

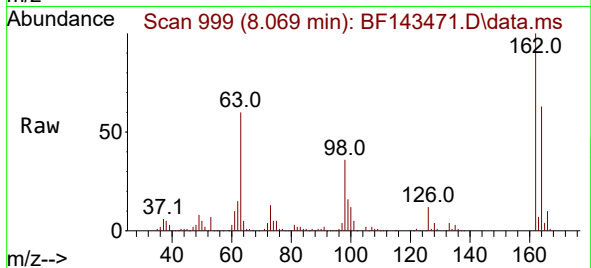
Tgt Ion: 93 Resp: 433073
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.1 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 43.461 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

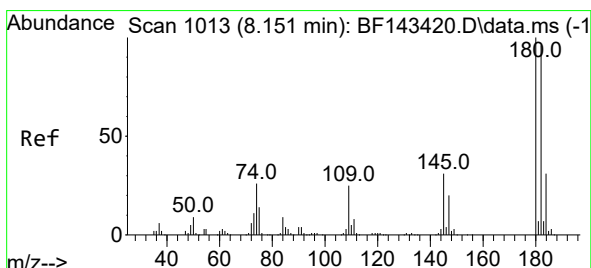
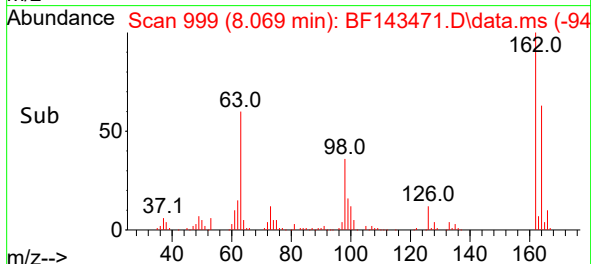
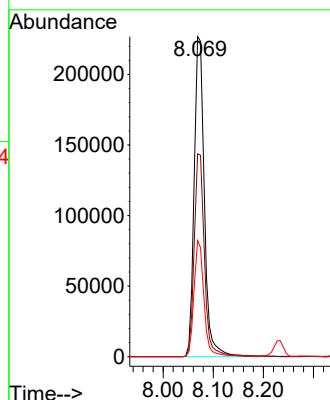


Tgt Ion:162 Resp: 32135
Ion Ratio Lower Upper
162 100
164 63.4 44.3 84.3
98 36.3 16.9 56.9

Manual Integrations
APPROVED

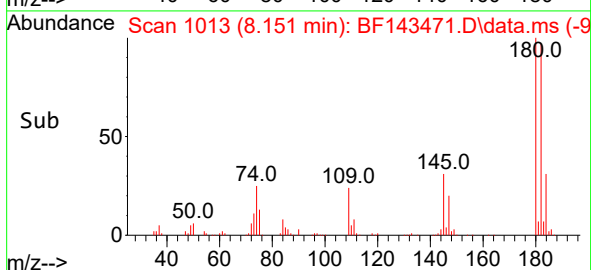
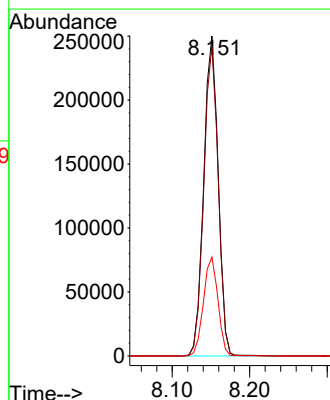
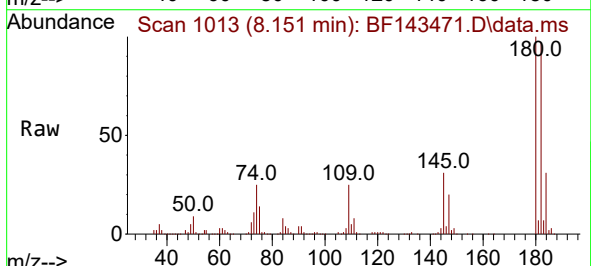
Reviewed By :Rahul
Chavli
08/20/2025

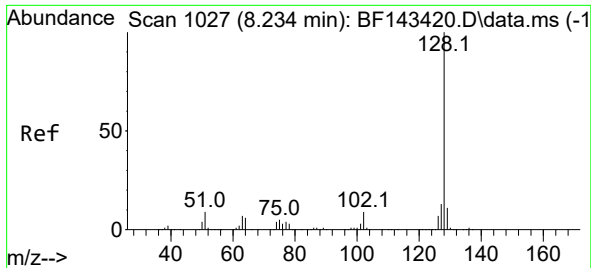
Supervised By :Jagrut
Upadhyay
08/20/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.772 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

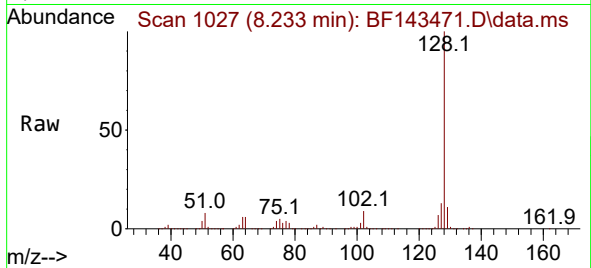
Tgt Ion:180 Resp: 324046
Ion Ratio Lower Upper
180 100
182 96.7 76.7 115.1
145 30.9 24.5 36.7





#31
Naphthalene
Concen: 40.582 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

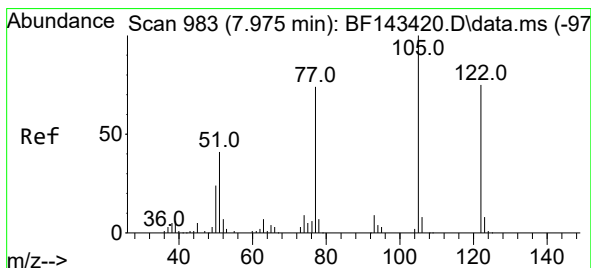
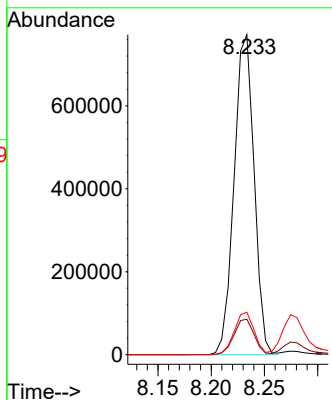
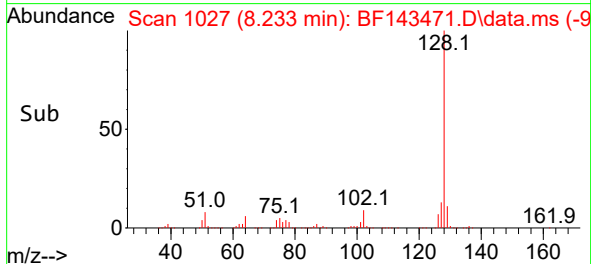


Tgt Ion:128 Resp: 101225
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations
APPROVED

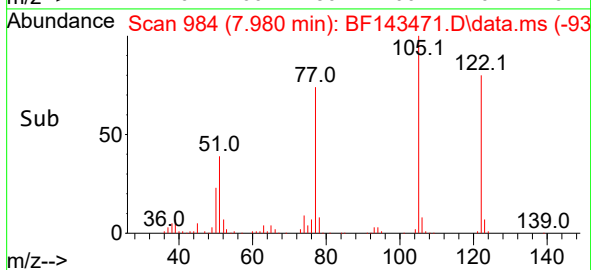
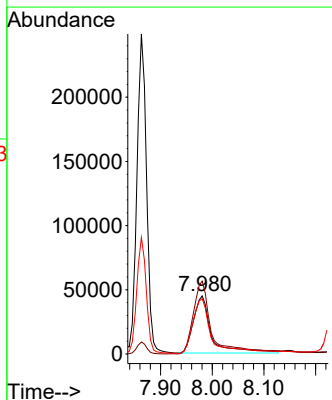
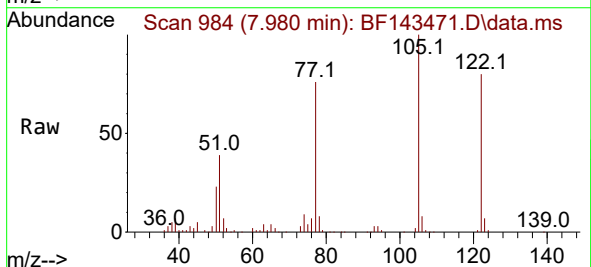
Reviewed By :Rahul
Chavli
08/20/2025

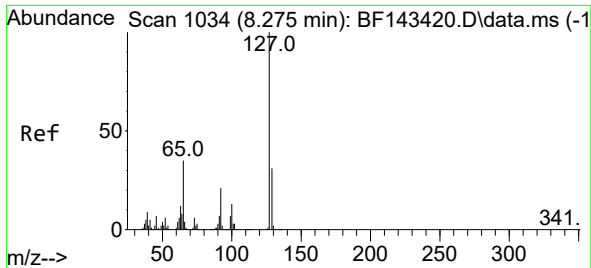
Supervised By :Jagrut
Upadhyay
08/20/2025



#32
Benzoic acid
Concen: 28.836 ng
RT: 7.980 min Scan# 984
Delta R.T. 0.005 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:122 Resp: 108778
Ion Ratio Lower Upper
122 100
105 125.5 108.4 148.4
77 95.6 75.9 115.9





#33
4-Chloroaniline
Concen: 18.998 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

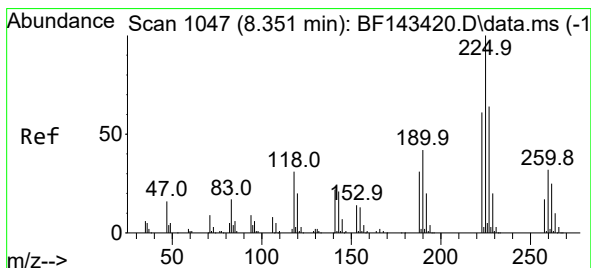
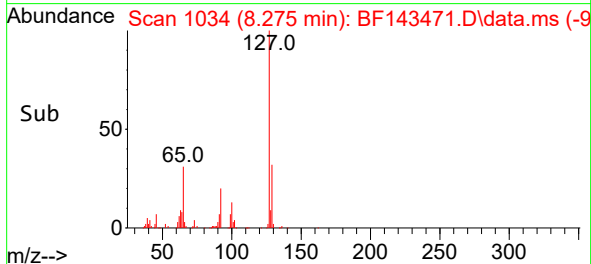
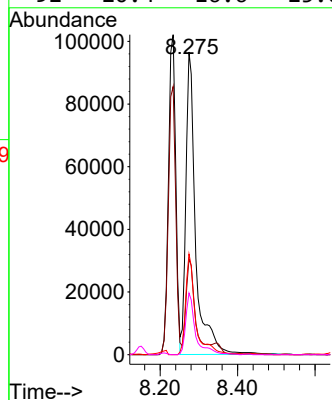
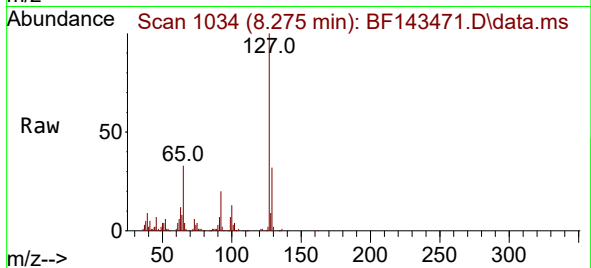
VNJ-210MS

Tgt Ion:127 Resp: 171049
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 33.2 27.2 40.8
92 20.4 16.6 25.0

Manual Integrations
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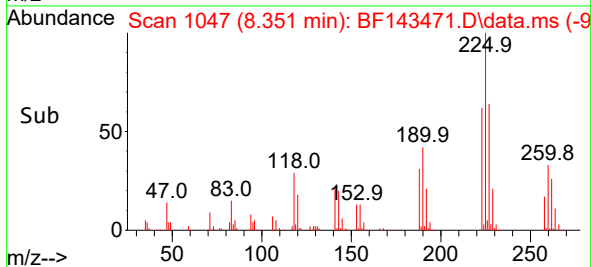
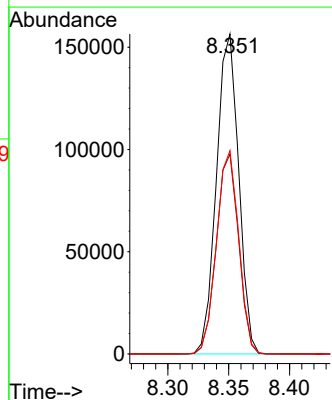
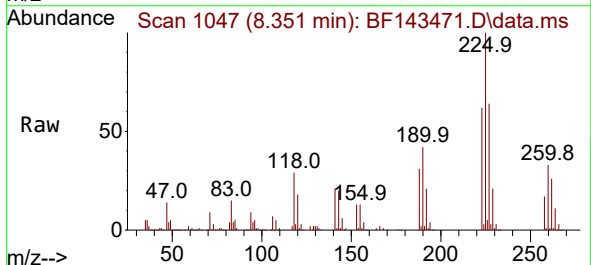
Reviewed By :Rahul
Chavli
08/20/2025

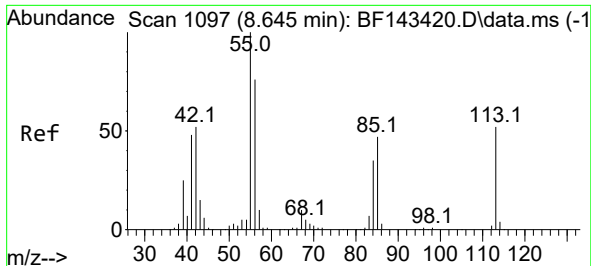
Supervised By :Jagrut
Upadhyay
08/20/2025



#34
Hexachlorobutadiene
Concen: 41.166 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

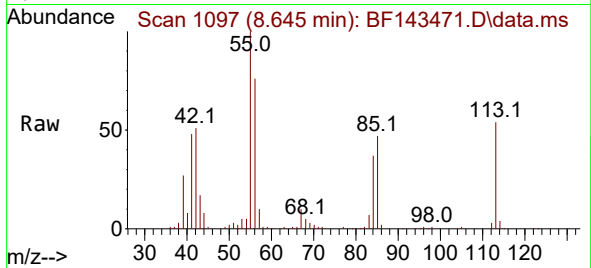
Tgt Ion:225 Resp: 198876
Ion Ratio Lower Upper
225 100
223 62.5 49.0 73.6
227 63.6 51.1 76.7





#35
Caprolactam
Concen: 37.939 ng m
RT: 8.645 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

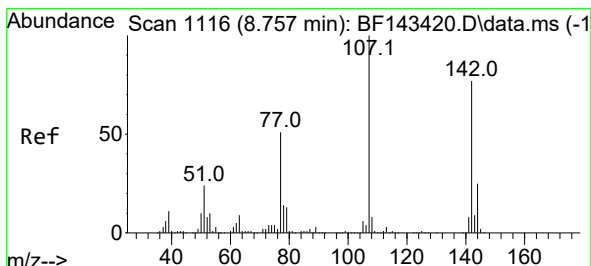
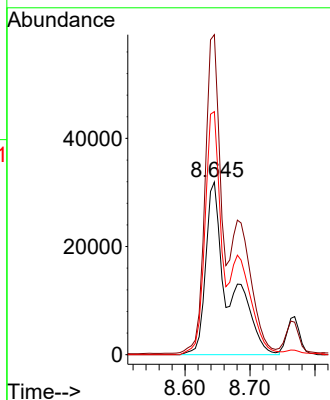
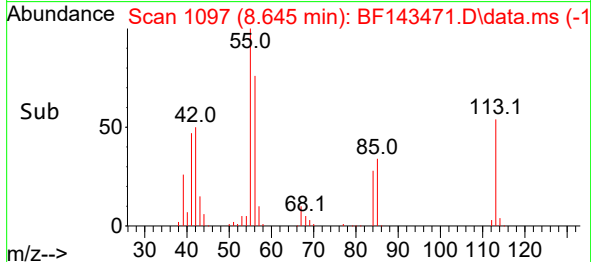


Tgt Ion:113 Resp: 8076
Ion Ratio Lower Upper
113 100
55 185.4 174.7 214.7
56 140.8 127.0 167.0

Manual Integrations
APPROVED

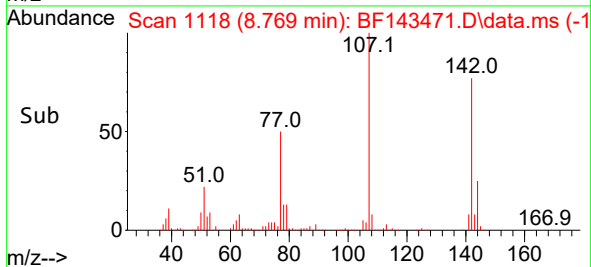
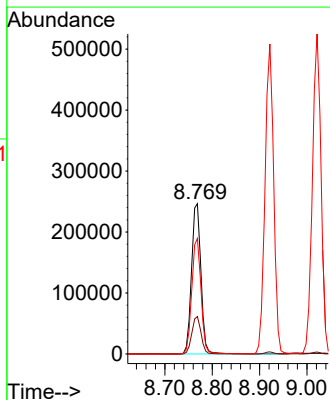
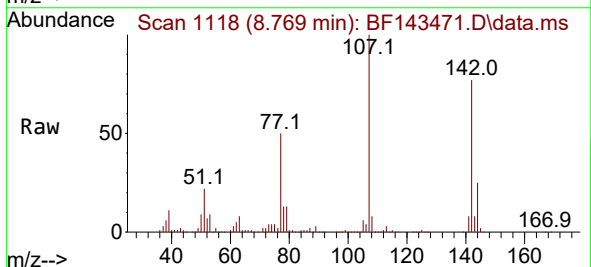
Reviewed By :Rahul
Chavli
08/20/2025

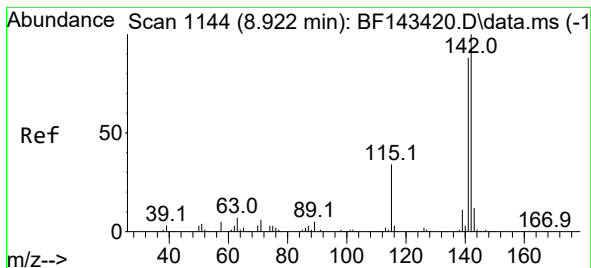
Supervised By :Jagrut
Upadhyay
08/20/2025



#36
4-Chloro-3-methylphenol
Concen: 44.671 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.011 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

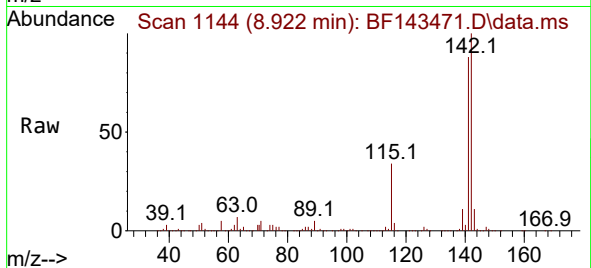
Tgt Ion:107 Resp: 340180
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 76.9 62.0 93.0





#37
2-Methylnaphthalene
Concen: 38.299 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

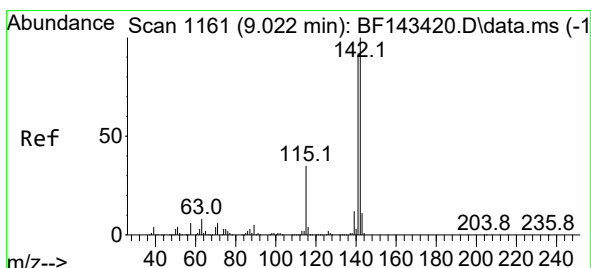
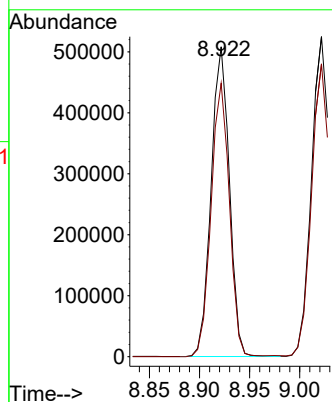
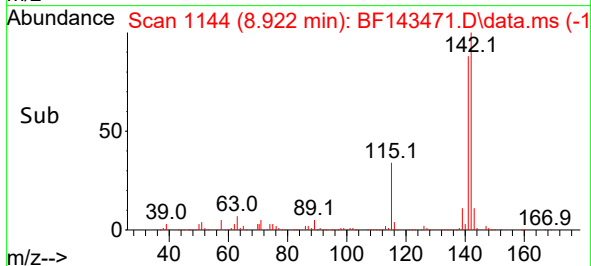
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS



Tgt Ion:142 Resp: 643930
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5

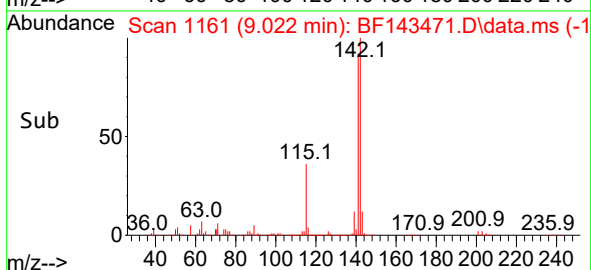
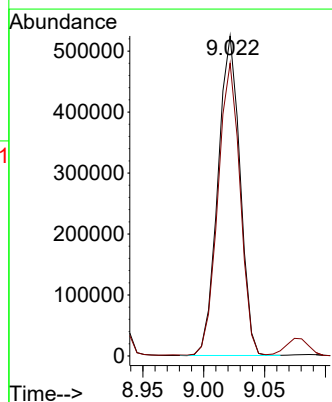
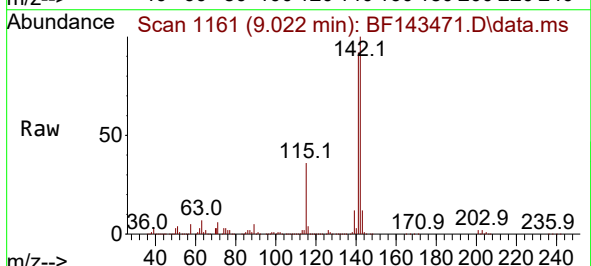
Manual Integrations
APPROVED

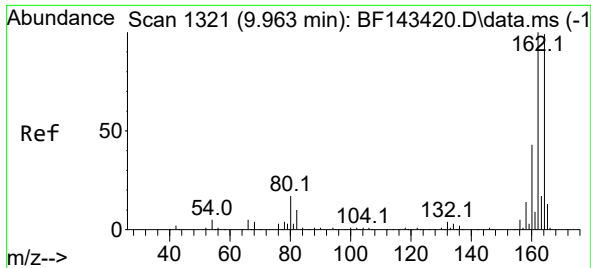
Reviewed By :Rahul
Chavli
08/20/2025
Supervised By :Jagrut
Upadhyay
08/20/2025



#38
1-Methylnaphthalene
Concen: 41.188 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

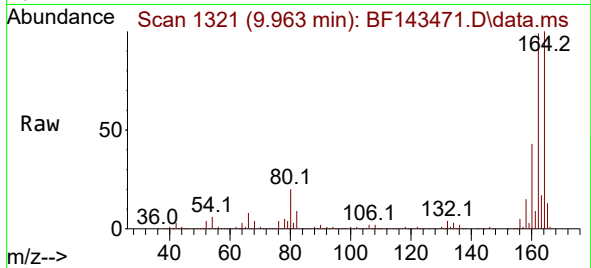
Tgt Ion:142 Resp: 663490
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

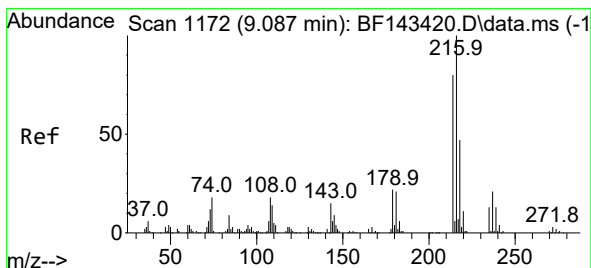
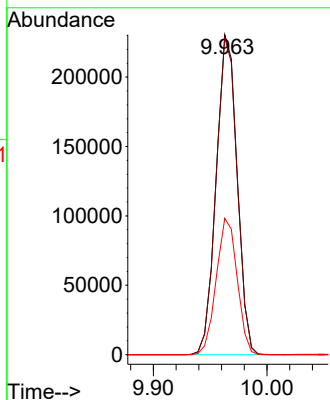
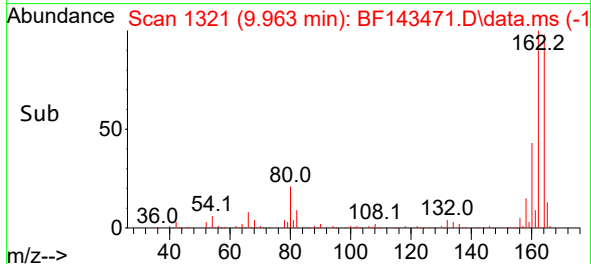


Tgt Ion:164 Resp: 29560
Ion Ratio Lower Upper
164 100
162 99.1 80.6 121.0
160 42.6 34.6 51.8

Manual Integrations
APPROVED

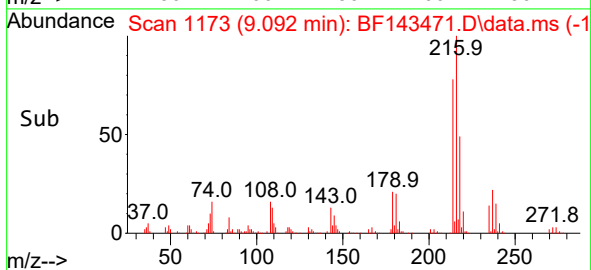
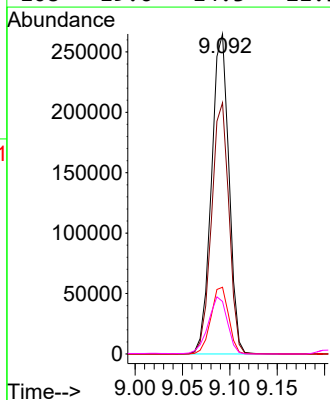
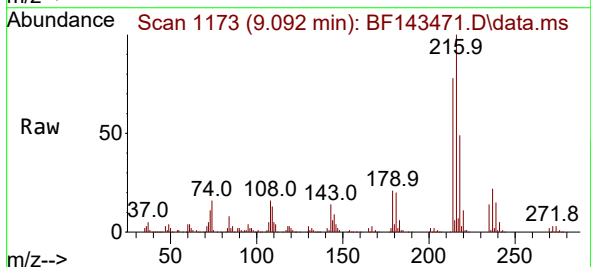
Reviewed By :Rahul
Chavli
08/20/2025

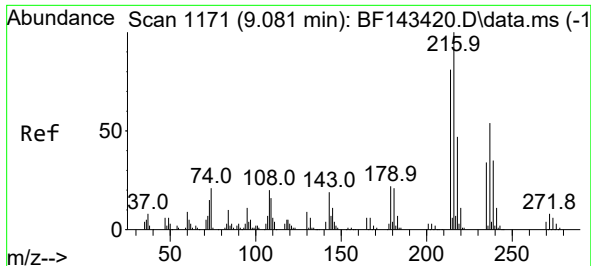
Supervised By :Jagrit
Upadhyay
08/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.169 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

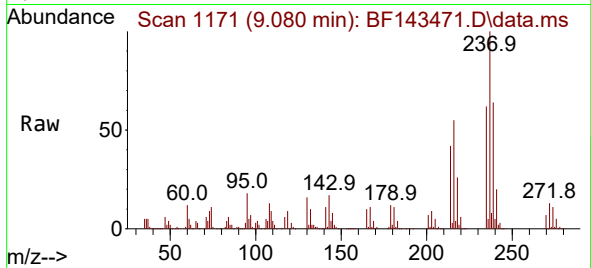
Tgt Ion:216 Resp: 339402
Ion Ratio Lower Upper
216 100
214 78.3 63.7 95.5
179 21.1 17.0 25.4
108 19.6 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 107.648 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

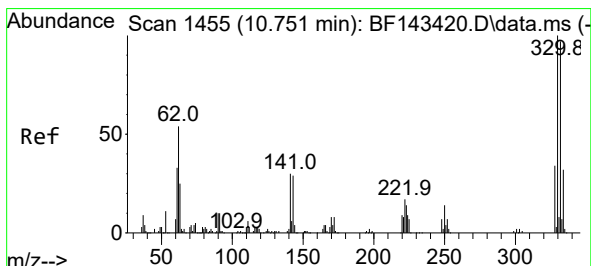
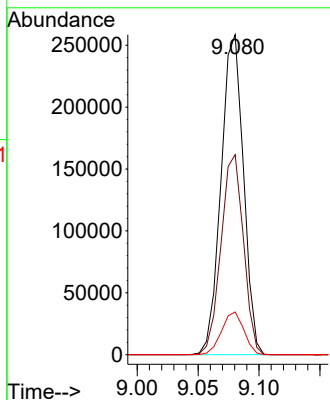
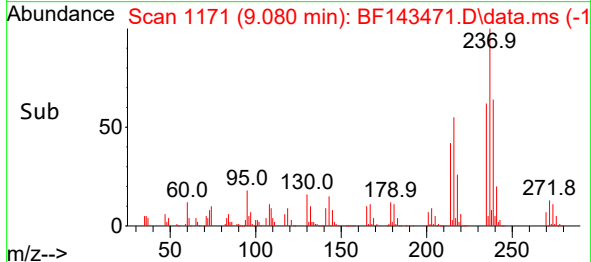


Tgt Ion:237 Resp: 33112
Ion Ratio Lower Upper
237 100
235 62.5 41.6 81.6
272 13.3 0.0 33.8

Manual Integrations
APPROVED

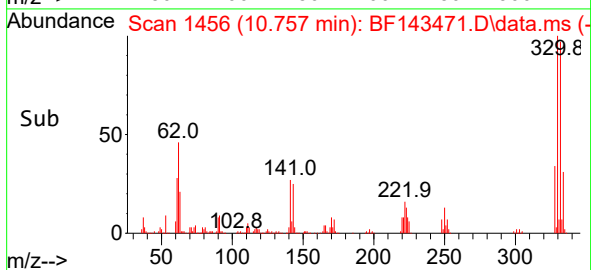
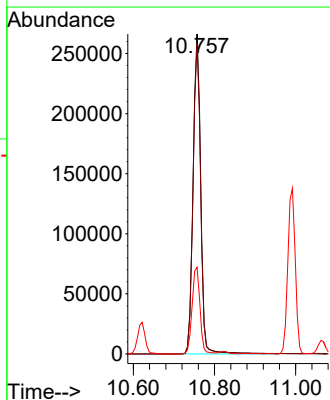
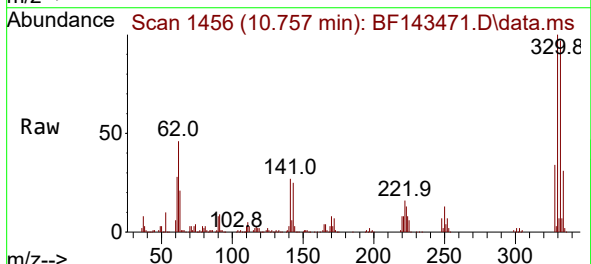
Reviewed By :Rahul
Chavli
08/20/2025

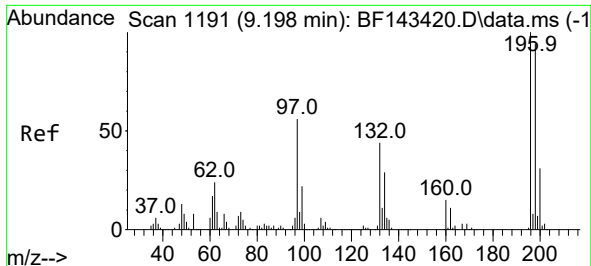
Supervised By :Jagrut
Upadhyay
08/20/2025



#42
2,4,6-Tribromophenol
Concen: 133.248 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:330 Resp: 350593
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 28.0 24.1 36.1





#43

2,4,6-Trichlorophenol

Concen: 44.868 ng

RT: 9.204 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF143471.D

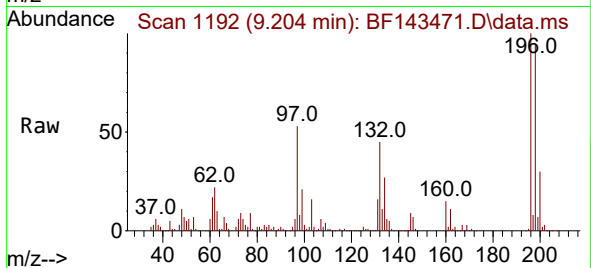
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:196 Resp: 230740

Ion Ratio Lower Upper

196 100

198 94.1 75.4 113.2

200 30.0 24.7 37.1

Manual Integrations

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Reviewed By :Rahul

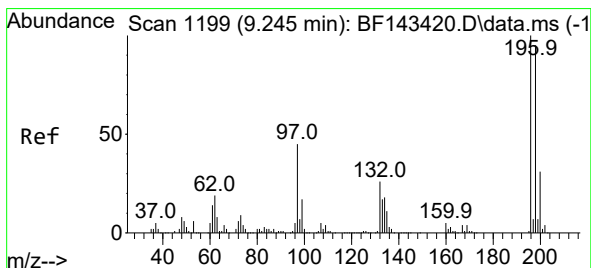
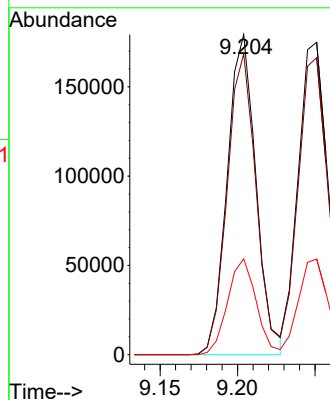
Chavli

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Supervised By :Jagrut

Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 44.274 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

Tgt Ion:196 Resp: 244063

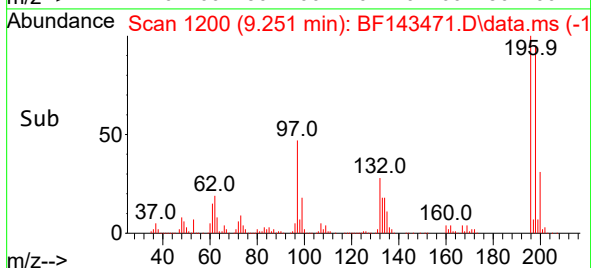
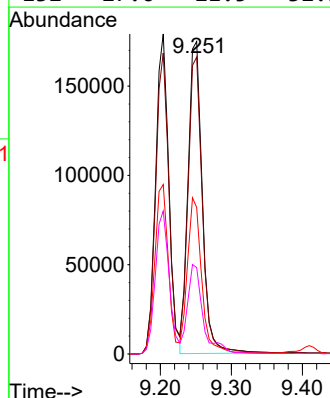
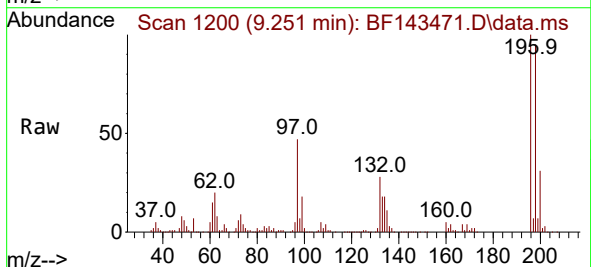
Ion Ratio Lower Upper

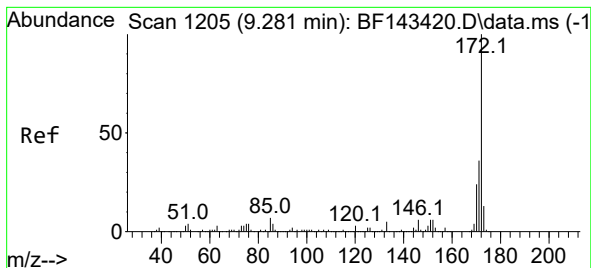
196 100

198 95.0 76.2 114.4

97 46.9 36.6 55.0

132 27.6 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 79.819 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

Tgt Ion:172 Resp: 140281

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 19.0 28.6

Manual Integrations

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Reviewed By :Rahul

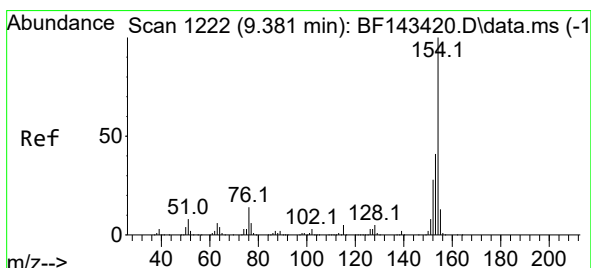
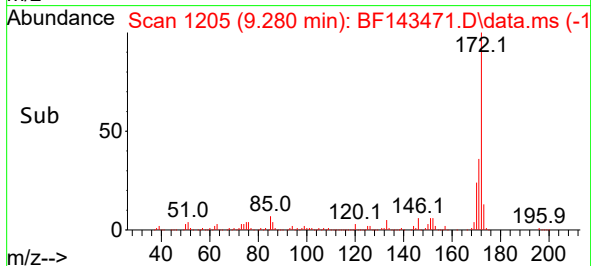
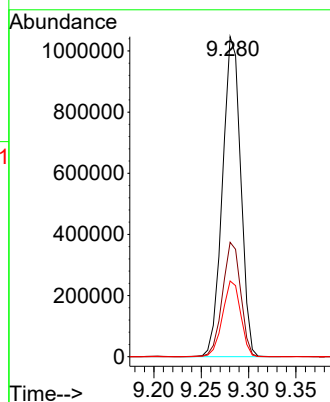
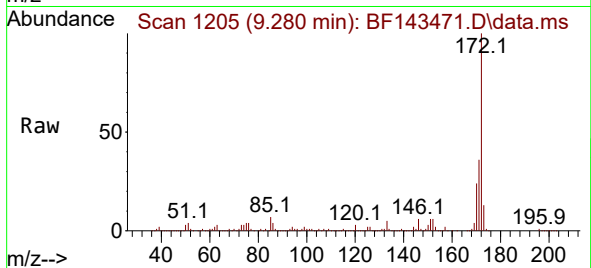
Chavli

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Supervised By :Jagrut

Upadhyay

08/20/2025



#46

1,1'-Biphenyl

Concen: 42.781 ng

RT: 9.386 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

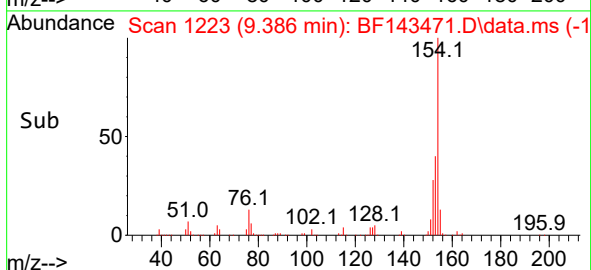
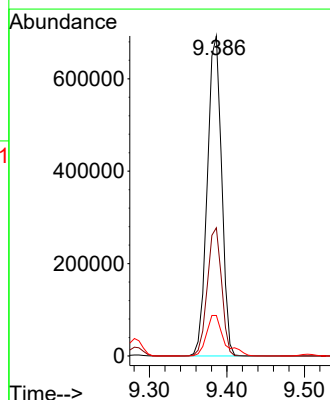
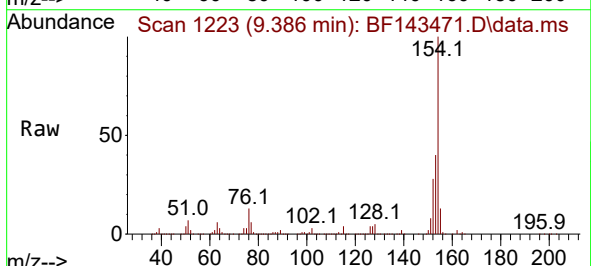
Tgt Ion:154 Resp: 888555

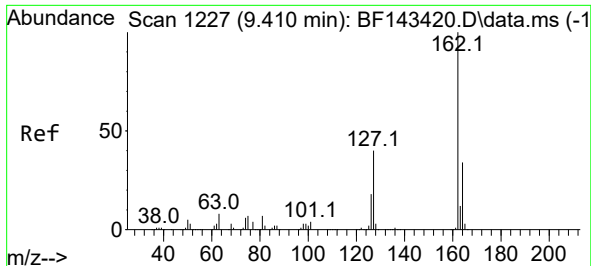
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 12.7 0.0 33.8





#47
2-Chloronaphthalene
Concen: 41.858 ng
RT: 9.410 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

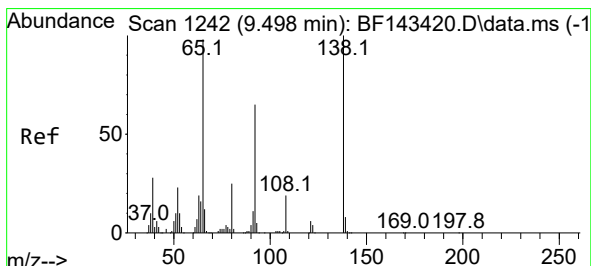
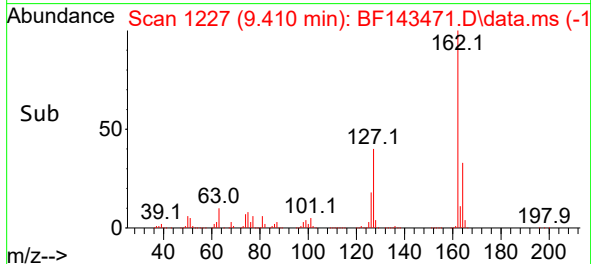
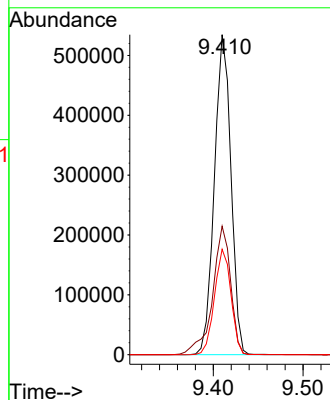
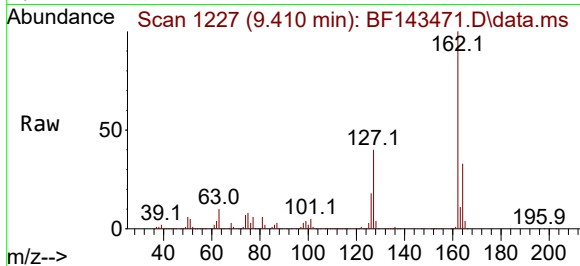
VNJ-210MS

Tgt Ion:162 Resp: 68625
Ion Ratio Lower Upper
162 100
127 40.1 32.3 48.5
164 33.0 26.9 40.3

Manual Integrations
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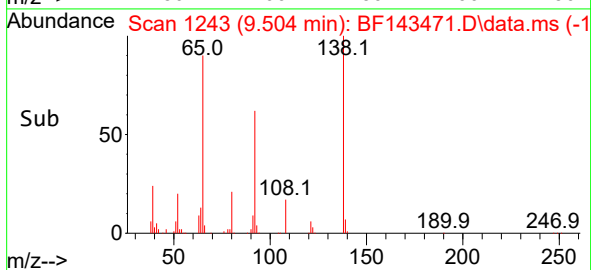
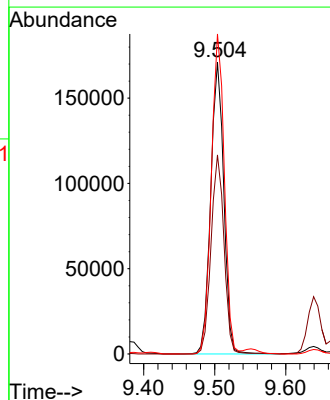
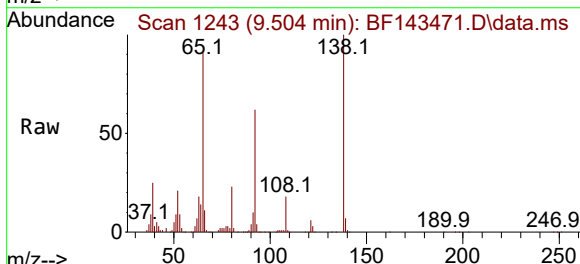
Reviewed By :Rahul
Chavli
08/20/2025

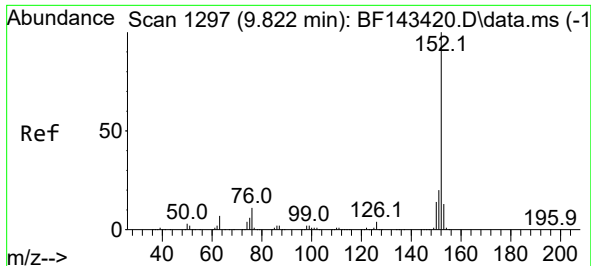
Supervised By :Jagrut
Upadhyay
08/20/2025



#48
2-Nitroaniline
Concen: 45.068 ng
RT: 9.504 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

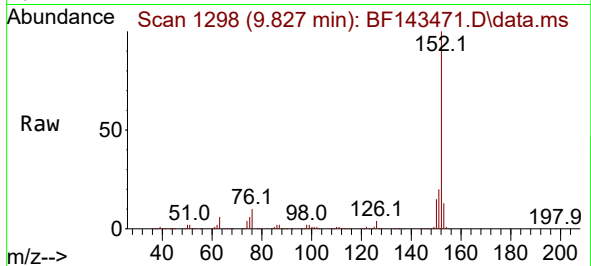
Tgt Ion: 65 Resp: 219885
Ion Ratio Lower Upper
65 100
92 68.2 52.9 79.3
138 109.6 81.3 121.9





#49
Acenaphthylene
Concen: 46.861 ng
RT: 9.827 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

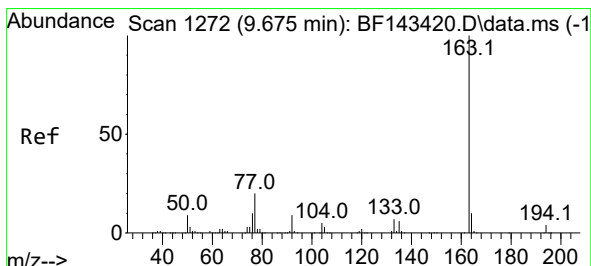
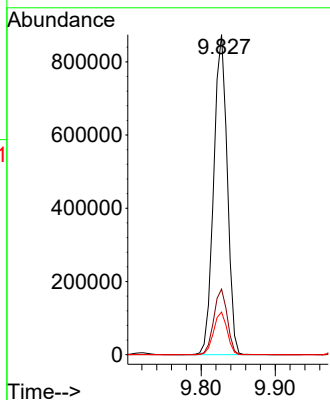
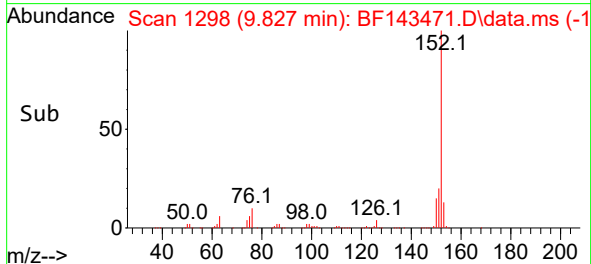


Tgt Ion:152 Resp: 1109270
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.3 10.8 16.2

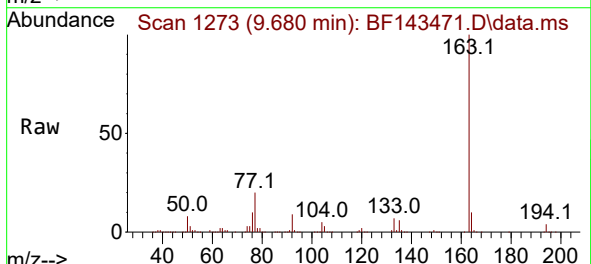
Manual Integrations
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Reviewed By :Rahul
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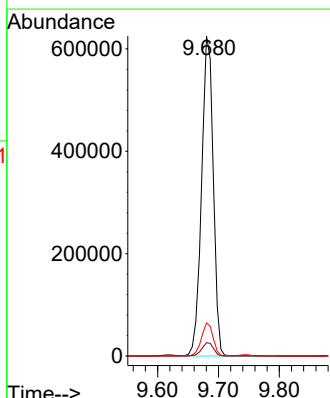
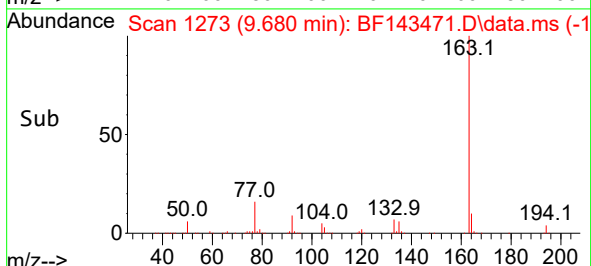
Supervised By :Jagrut
Upadhyay
08/20/2025

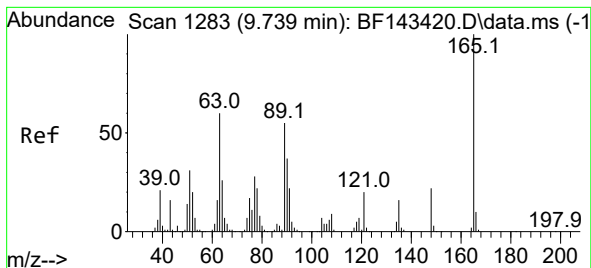


#50
Dimethylphthalate
Concen: 45.306 ng
RT: 9.680 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



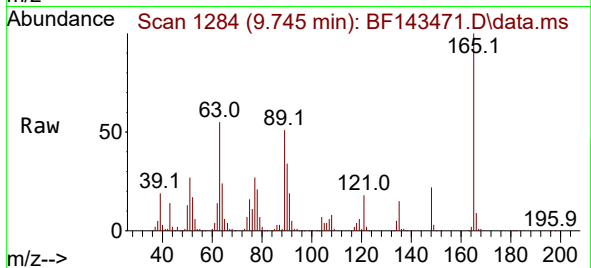
Tgt Ion:163 Resp: 834976
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.983 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
Client Sample Id :
VNJ-210MS

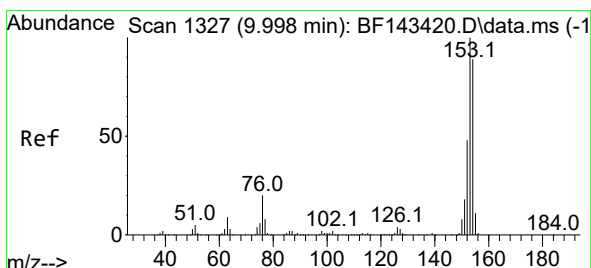
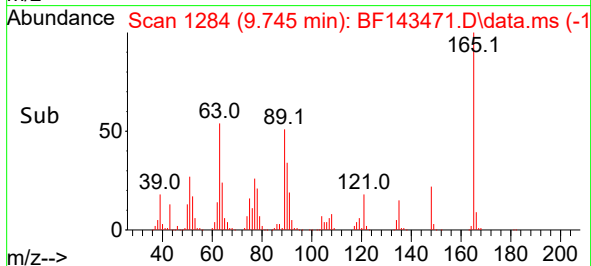
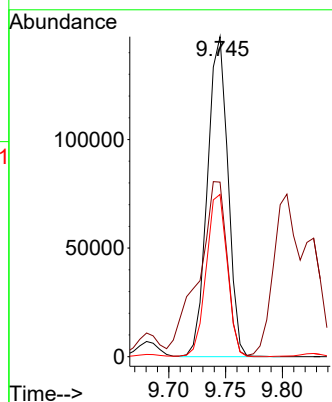


Tgt Ion:165 Resp: 185220
Ion Ratio Lower Upper
165 100
63 54.6 48.2 72.2
89 50.7 44.2 66.2

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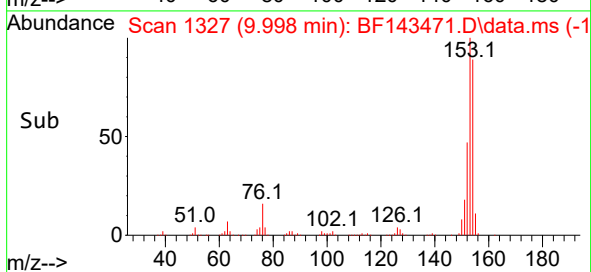
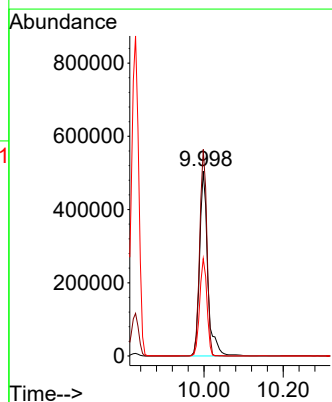
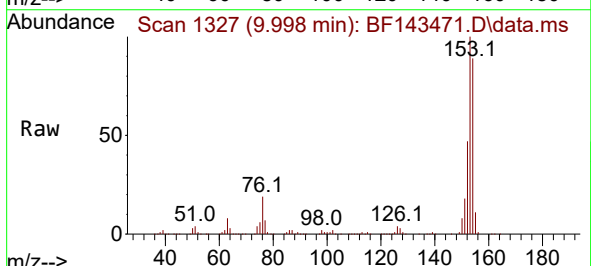
Reviewed By :Rahul
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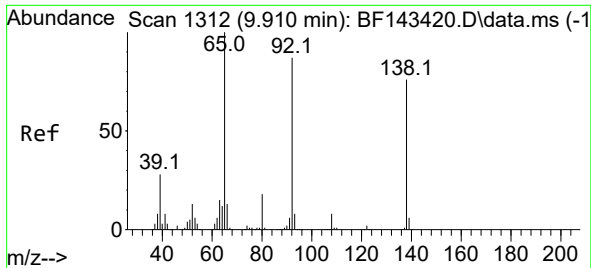
Supervised By :Jagrut
Upadhyay
08/20/2025



#52
Acenaphthene
Concen: 44.915 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:154 Resp: 715084
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 52.7 42.6 64.0





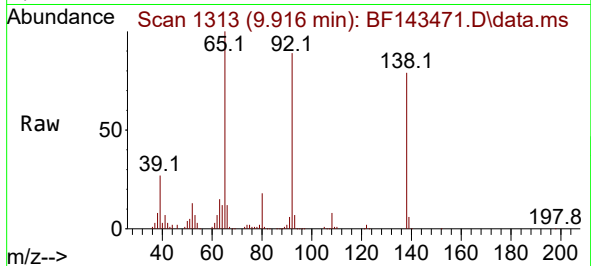
#53
3-Nitroaniline
Concen: 29.189 ng
RT: 9.916 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:138 Resp: 118128
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 113.0 91.4 137.2

Manual Integrations
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Reviewed By :Rahul

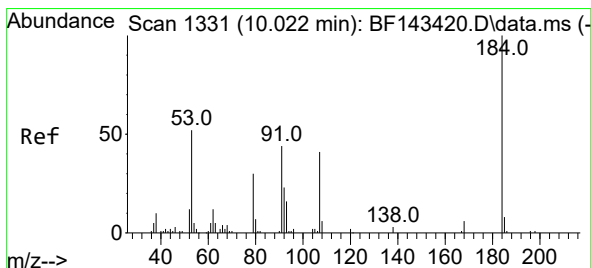
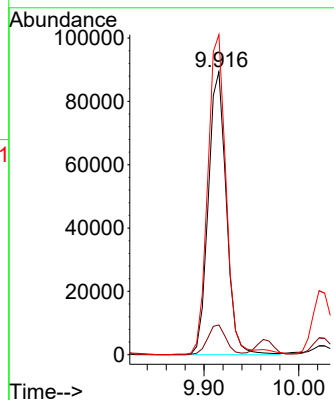
Chavli

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Supervised By :Jagrut

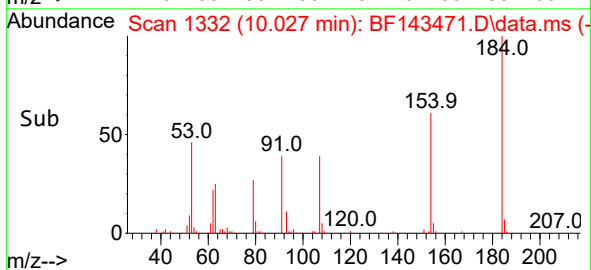
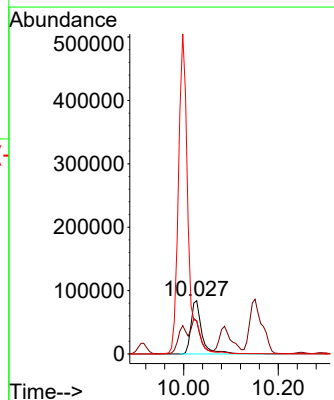
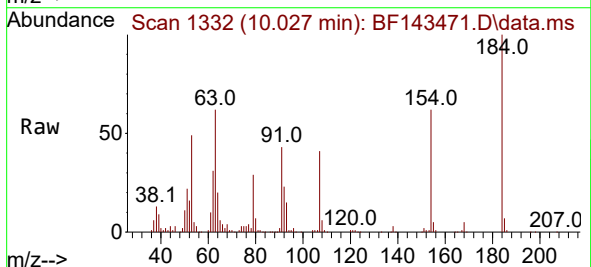
Upadhyay

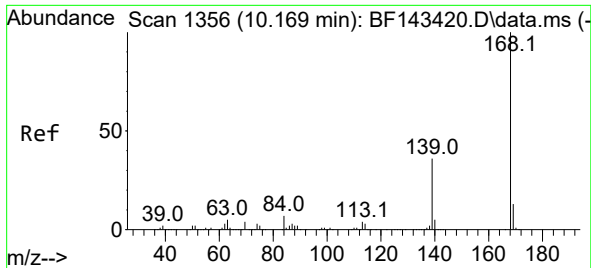
08/20/2025



#54
2,4-Dinitrophenol
Concen: 79.694 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

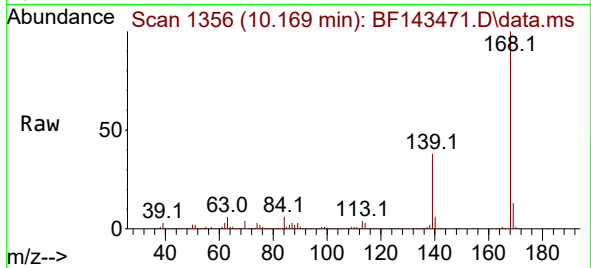
Tgt Ion:184 Resp: 134565
Ion Ratio Lower Upper
184 100
63 62.5 53.2 79.8
154 61.7 51.3 76.9





#55
Dibenzenofuran
Concen: 43.018 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

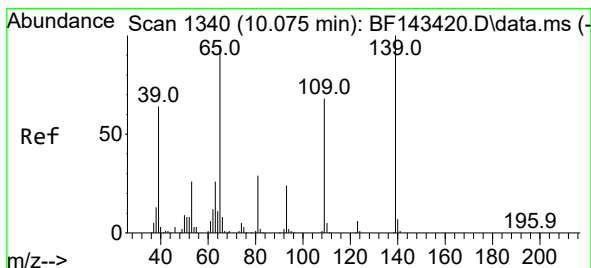
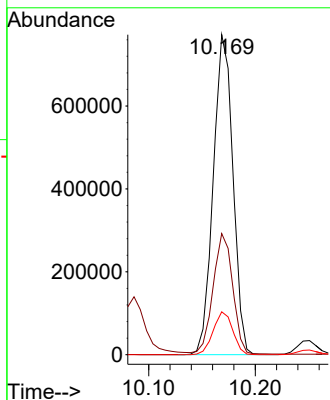


Tgt Ion:168 Resp: 98800
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 13.4 10.8 16.2

Manual Integrations
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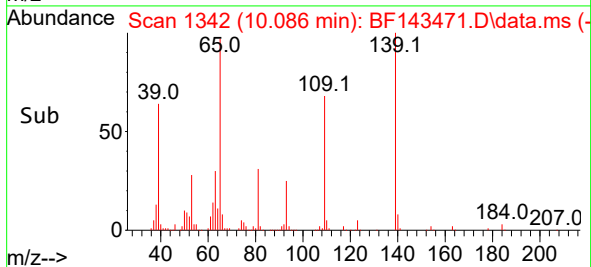
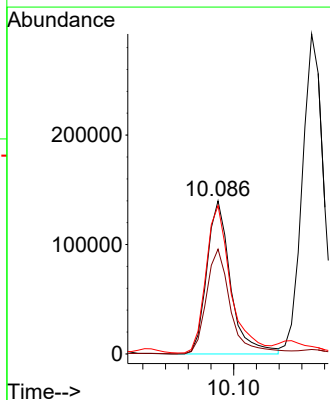
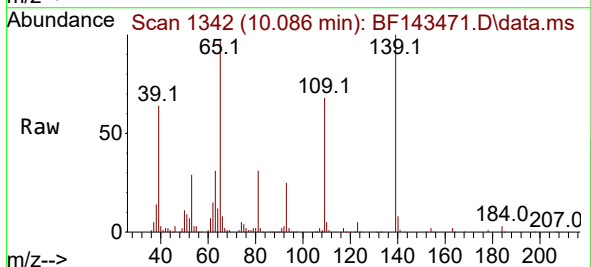
Reviewed By :Rahul
Chavli
08/20/2025

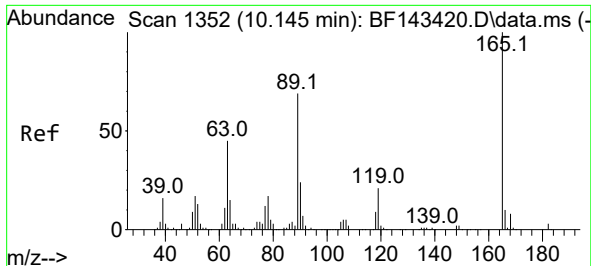
Supervised By :Jagrut
Upadhyay
08/20/2025



#56
4-Nitrophenol
Concen: 80.074 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:139 Resp: 203735
Ion Ratio Lower Upper
139 100
109 68.4 47.7 87.7
65 96.9 76.4 116.4





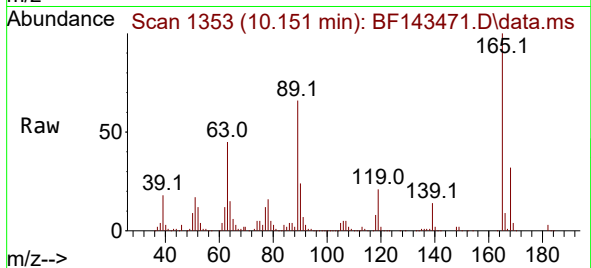
#57
2,4-Dinitrotoluene
Concen: 50.575 ng
RT: 10.151 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

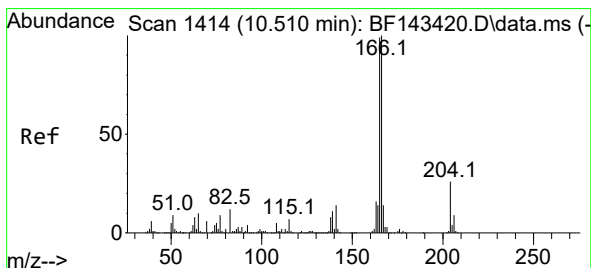
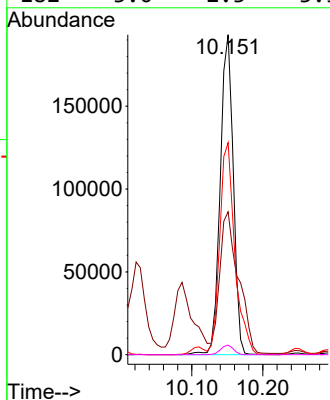
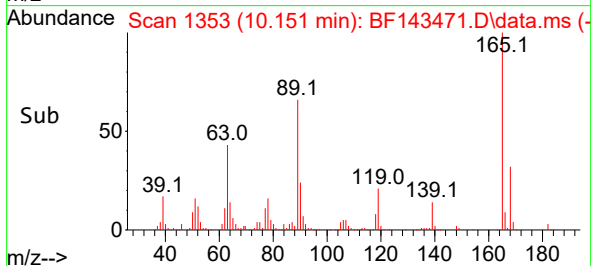


Tgt Ion:165 Resp: 244972
Ion Ratio Lower Upper
165 100
63 44.6 37.0 55.6
89 66.2 55.4 83.0
182 3.0 2.3 3.5

Manual Integrations
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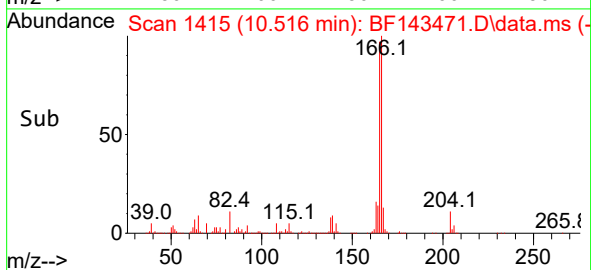
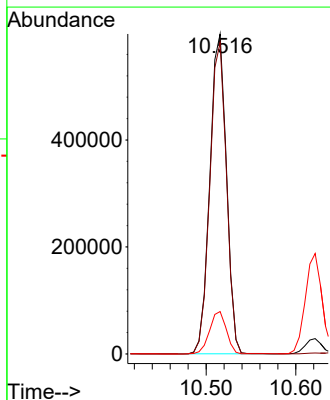
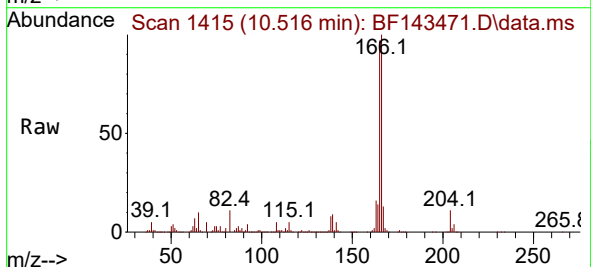
Reviewed By :Rahul
Chavli
08/20/2025

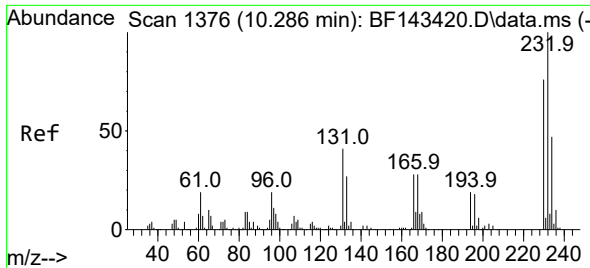
Supervised By :Jagrut
Upadhyay
08/20/2025



#58
Fluorene
Concen: 43.608 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

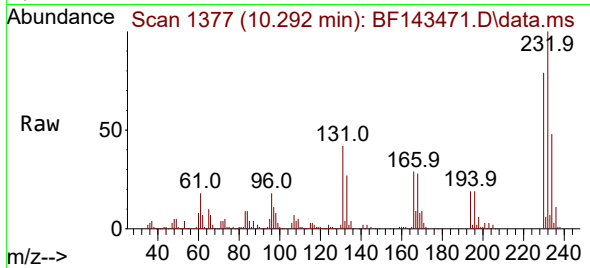
Tgt Ion:166 Resp: 769412
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.535 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

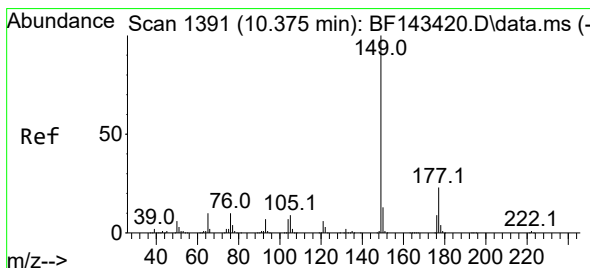
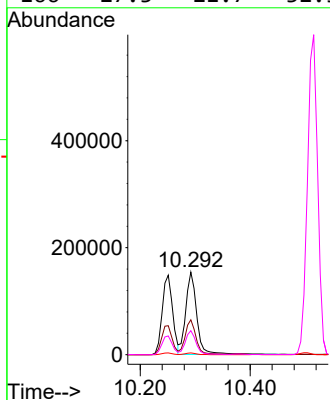
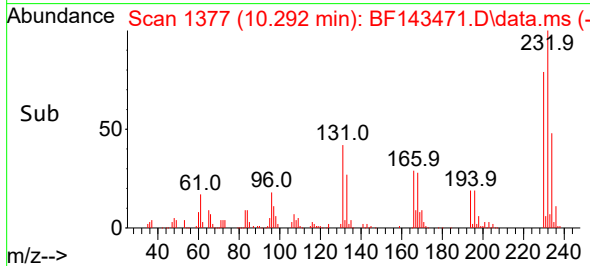


Tgt Ion:232 Resp: 21504
Ion Ratio Lower Upper
232 100
131 41.3 32.0 48.0
130 2.1 1.7 2.5
166 27.3 21.7 32.5

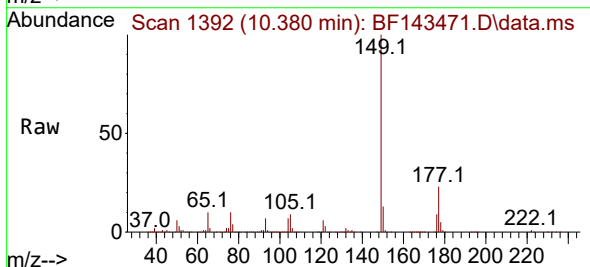
Manual Integrations
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Reviewed By :Rahul
Chavli
08/20/2025

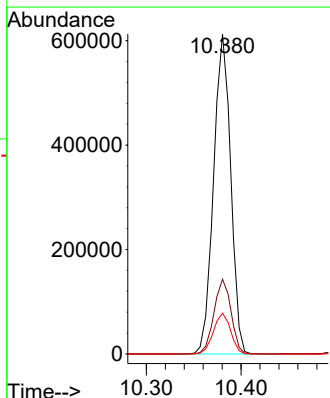
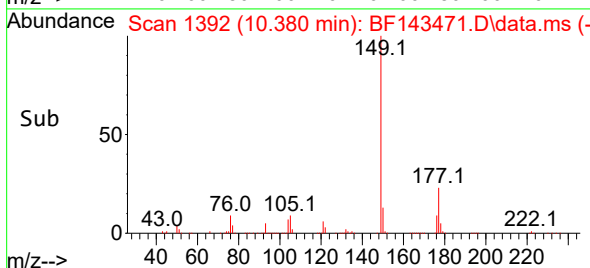
Supervised By :Jagrut
Upadhyay
08/20/2025

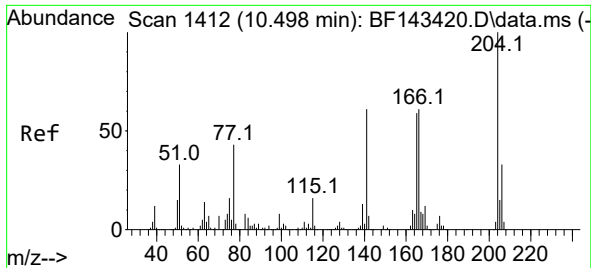


#60
Diethylphthalate
Concen: 45.118 ng
RT: 10.380 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



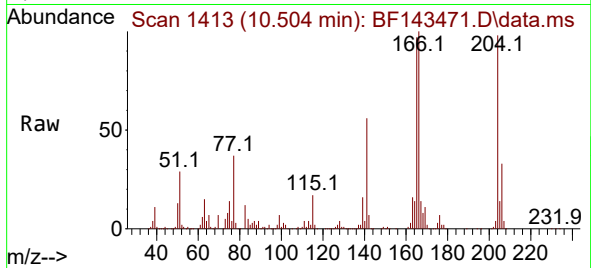
Tgt Ion:149 Resp: 768397
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.047 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

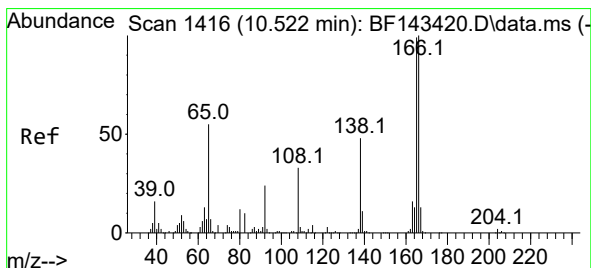
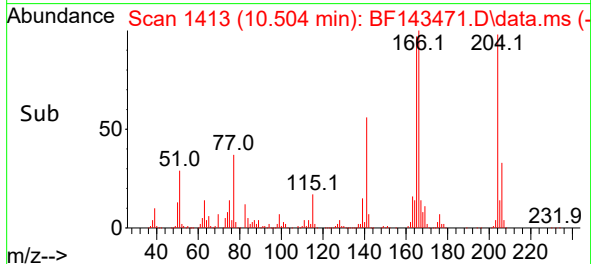
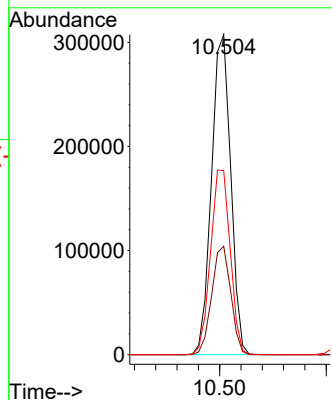


Tgt Ion:204 Resp: 38423
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 57.5 49.0 73.4

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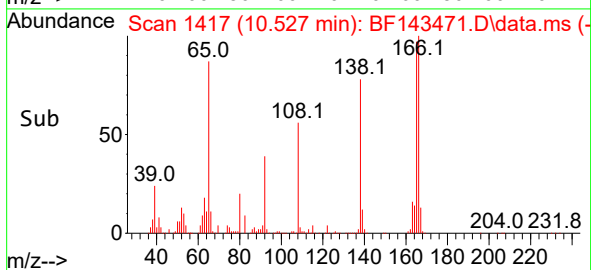
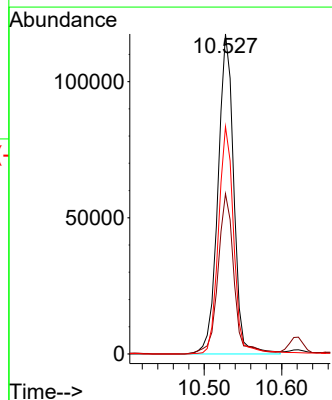
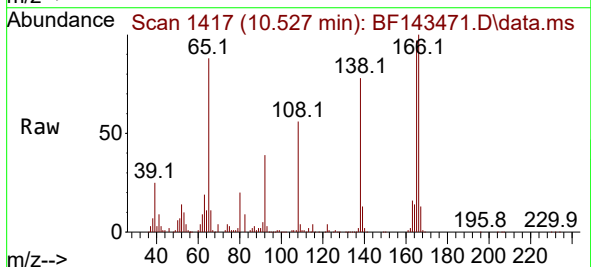
Reviewed By :Rahul
Chavli
08/20/2025

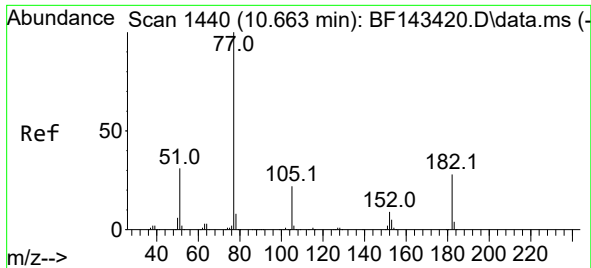
Supervised By :Jagrut
Upadhyay
08/20/2025



#62
4-Nitroaniline
Concen: 44.040 ng
RT: 10.527 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:138 Resp: 166680
Ion Ratio Lower Upper
138 100
92 50.0 29.4 69.4
108 71.1 48.6 88.6





#63
Azobenzene
Concen: 44.016 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

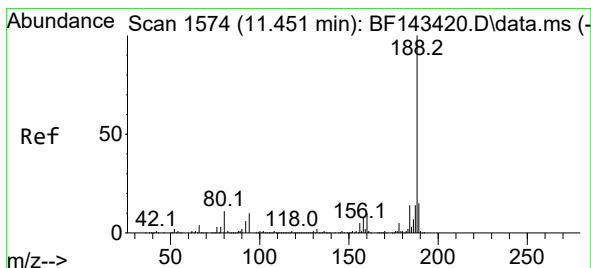
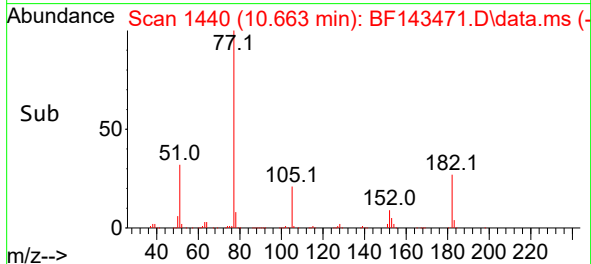
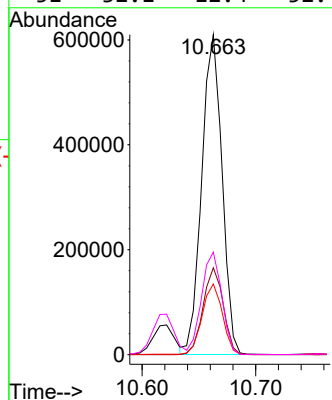
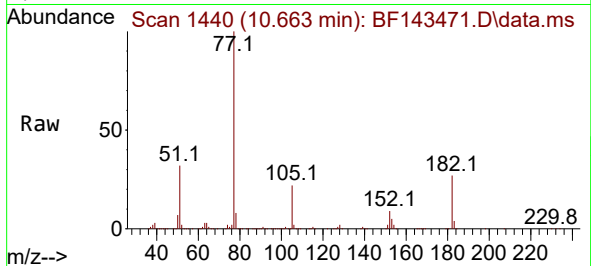
VNJ-210MS

Tgt Ion: 77 Resp: 757659
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 22.1 1.7 41.7
51 32.1 12.4 52.4

Manual Integrations
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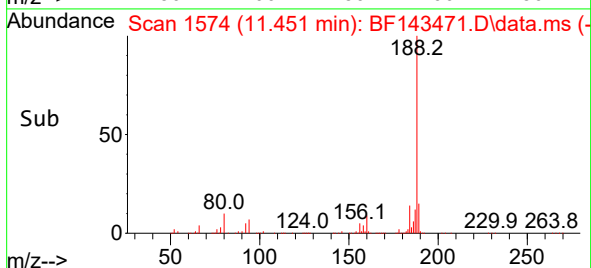
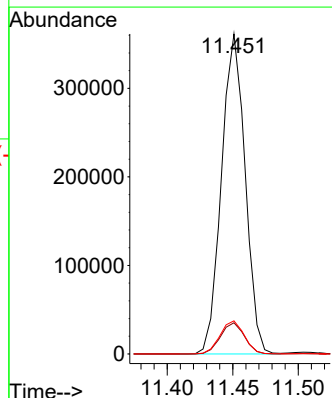
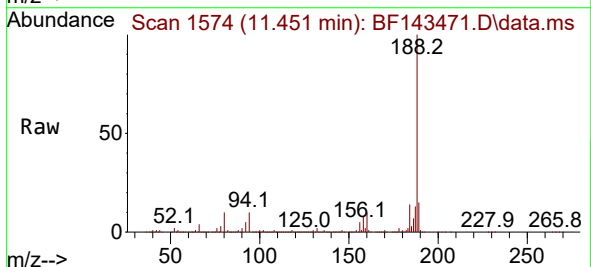
Reviewed By :Rahul
Chavli
08/20/2025

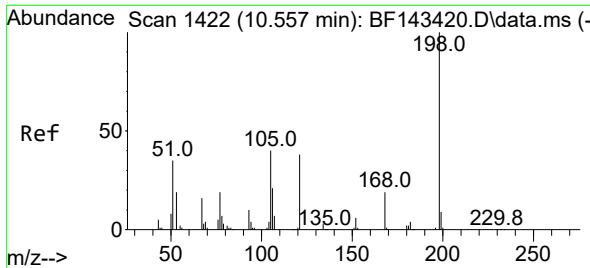
Supervised By :Jagrut
Upadhyay
08/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:188 Resp: 453633
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.463 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

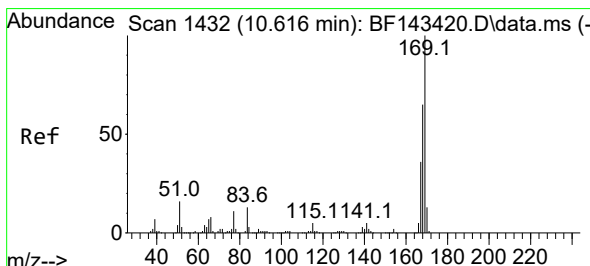
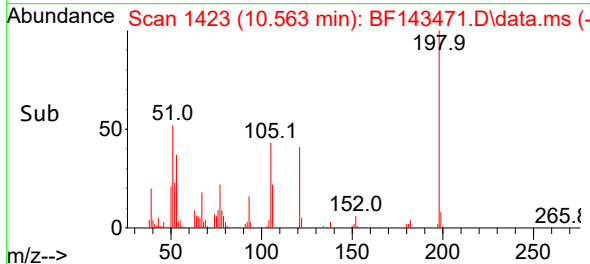
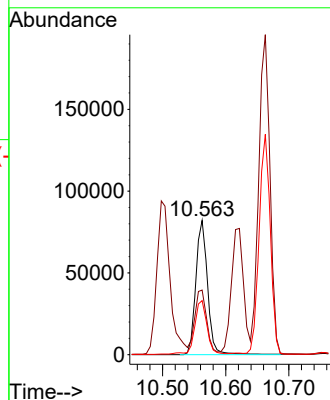
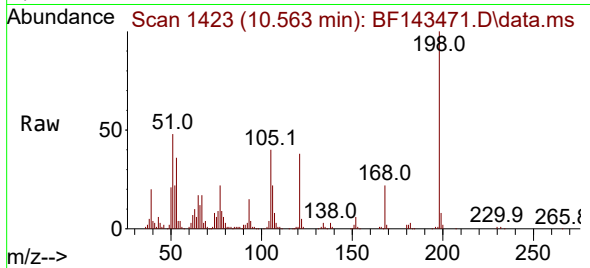
Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

Tgt Ion:198 Resp: 10641
Ion Ratio Lower Upper
198 100
51 48.1 31.2 71.2
105 40.3 21.7 61.7

Manual Integrations
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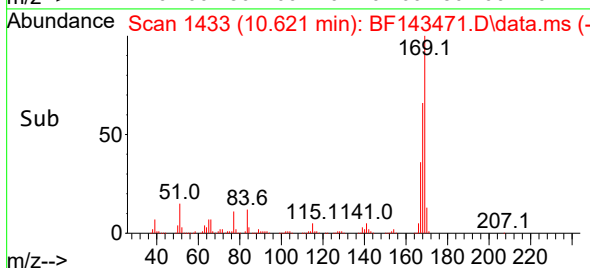
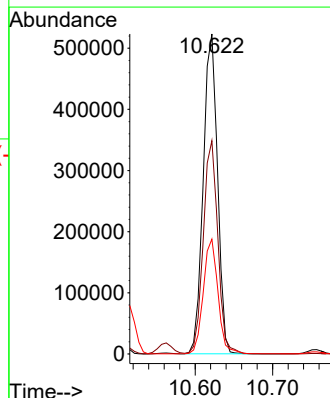
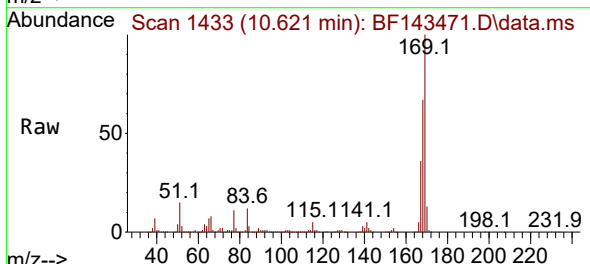
Reviewed By :Rahul
Chavli
08/20/2025

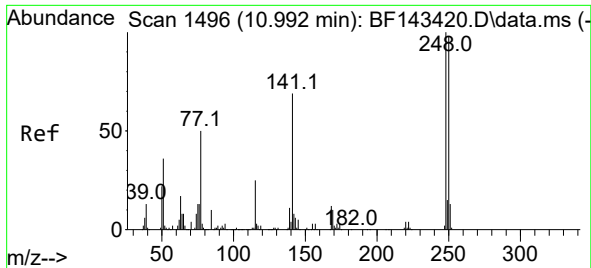
Supervised By :Jagrut
Upadhyay
08/20/2025



#66
n-Nitrosodiphenylamine
Concen: 45.368 ng
RT: 10.621 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:169 Resp: 669186
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 35.9 28.6 42.8





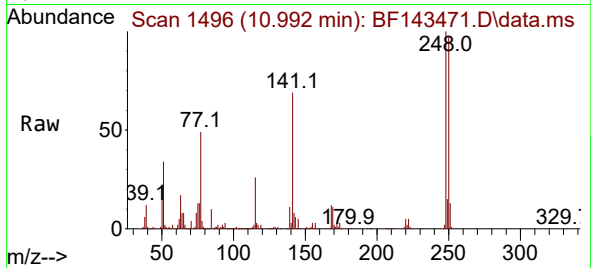
#67
4-Bromophenyl-phenylether
Concen: 46.075 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:248 Resp: 246812
Ion Ratio Lower Upper
248 100
250 96.9 78.6 118.0
141 69.1 54.9 82.3

Manual Integrations
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Reviewed By :Rahul

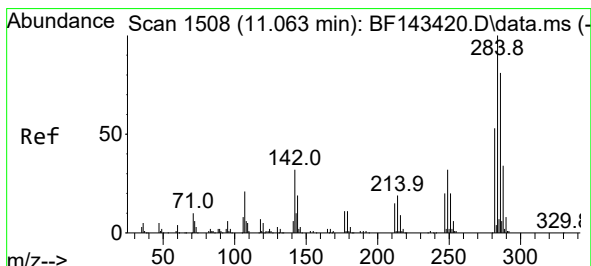
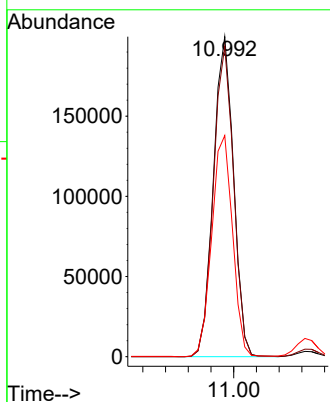
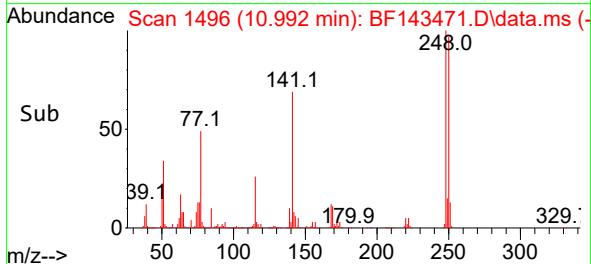
Chavli

08/20/2025

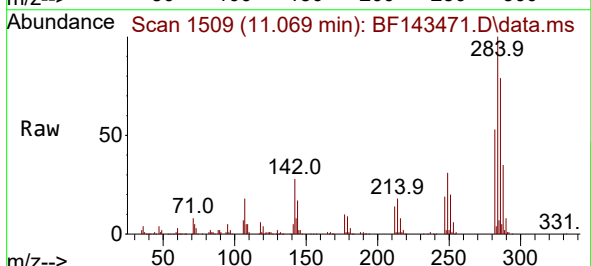
Supervised By :Jagrut

Upadhyay

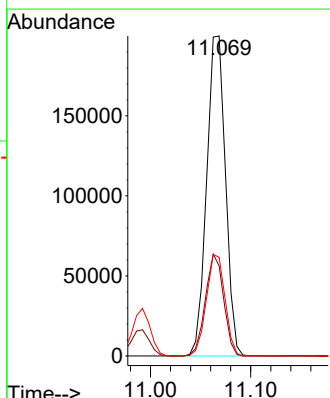
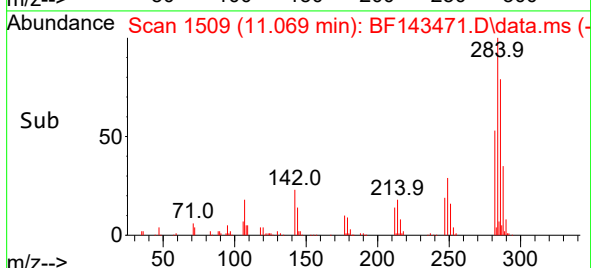
08/20/2025

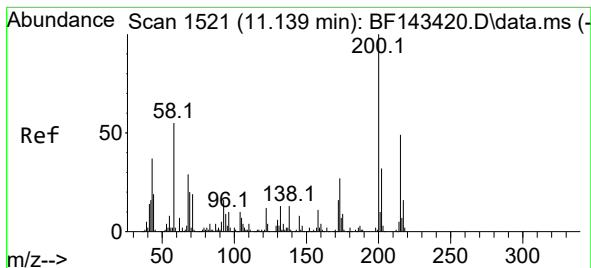


#68
Hexachlorobenzene
Concen: 45.889 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



Tgt Ion:284 Resp: 261331
Ion Ratio Lower Upper
284 100
142 28.1 25.4 38.2
249 30.8 25.4 38.0





#69

Atrazine

Concen: 47.142 ng

RT: 11.145 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF143471.D

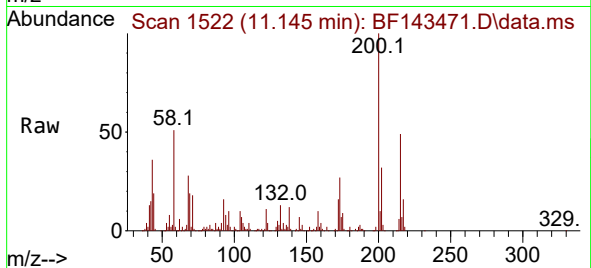
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:200 Resp: 203384

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 48.7 29.5 69.5

Manual Integrations

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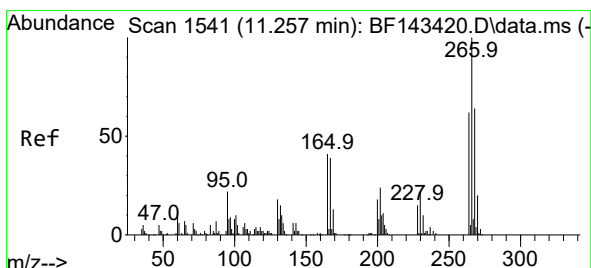
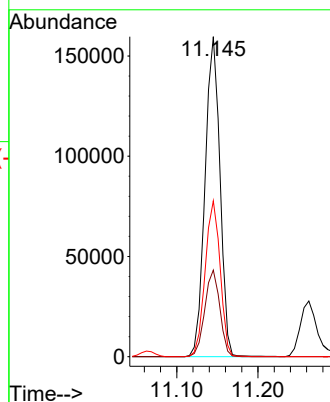
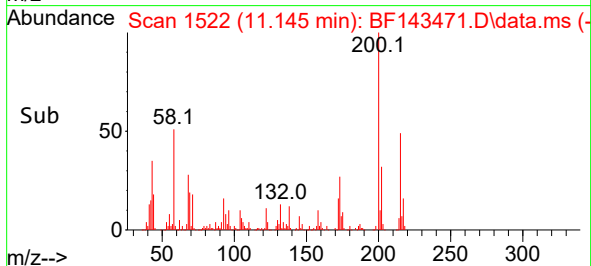
Chavli

08/20/2025

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Upadhyay

08/20/2025



#70

Pentachlorophenol

Concen: 100.931 ng

RT: 11.263 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

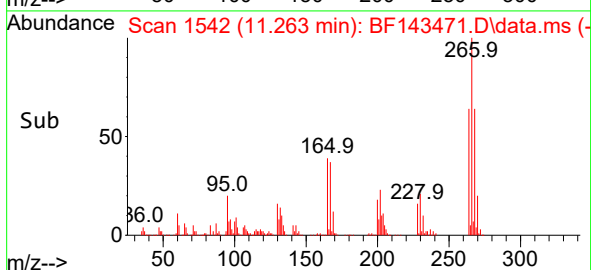
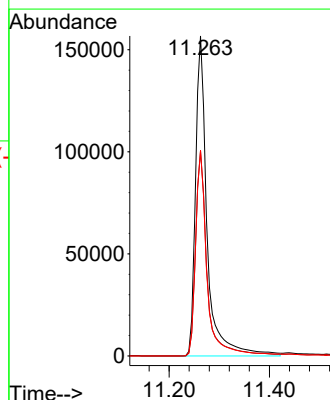
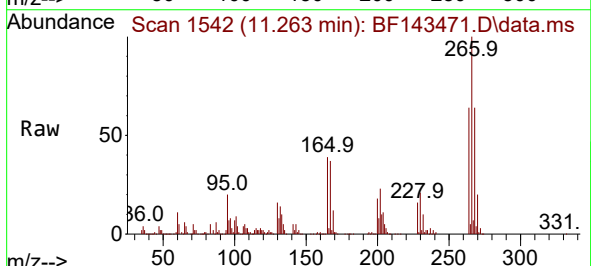
Tgt Ion:266 Resp: 252772

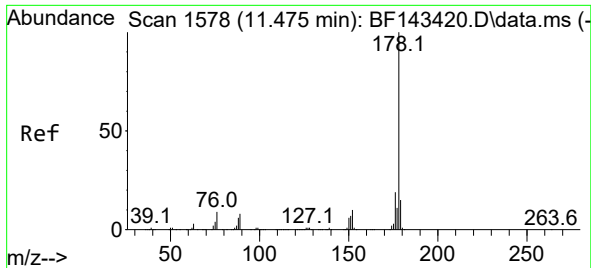
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.6

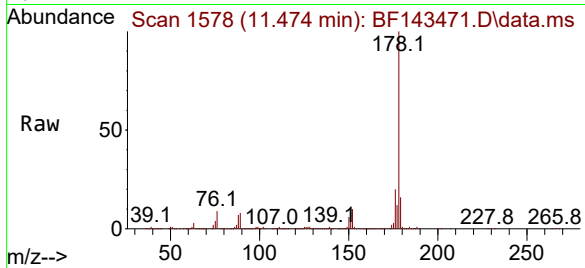
264 64.2 49.3 73.9





#71
Phenanthrene
Concen: 43.387 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

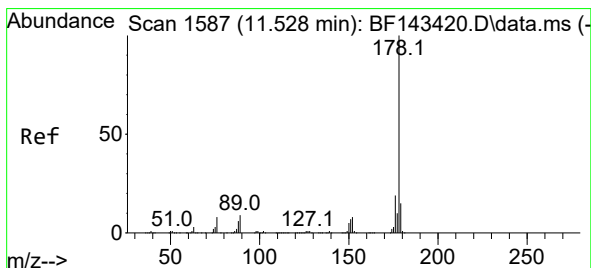
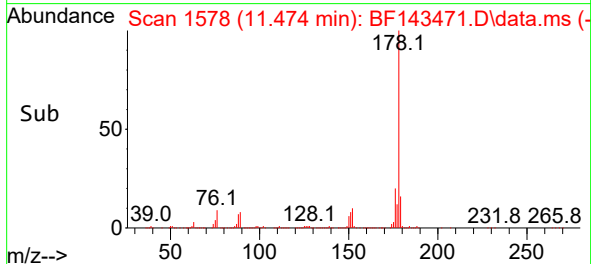
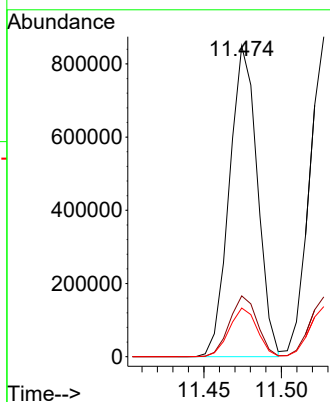


Tgt Ion:178 Resp: 1065798
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.3 18.5

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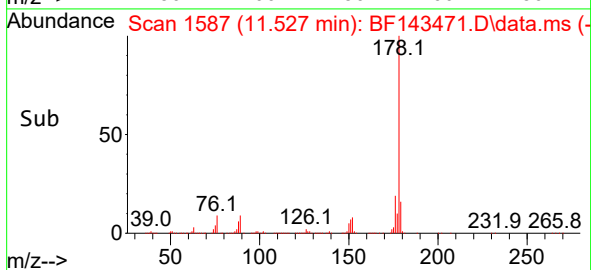
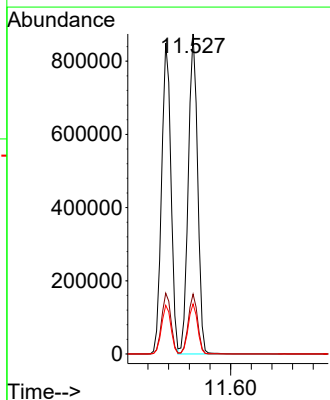
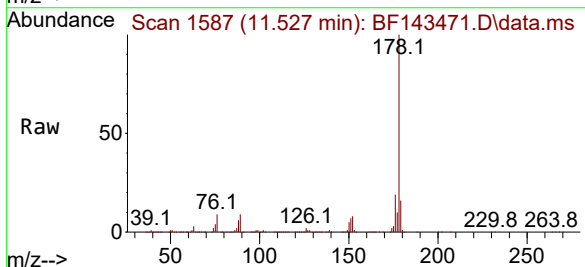
Reviewed By :Rahul
Chavli
08/20/2025

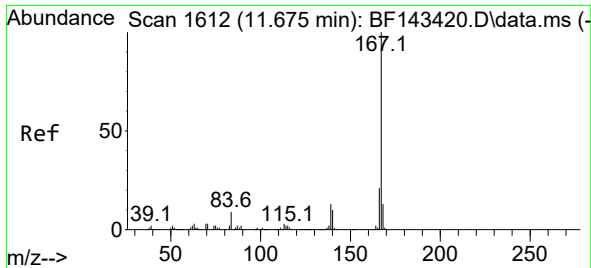
Supervised By :Jagrut
Upadhyay
08/20/2025



#72
Anthracene
Concen: 44.183 ng
RT: 11.527 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

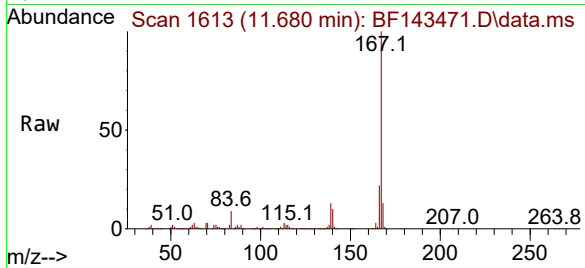
Tgt Ion:178 Resp: 1096217
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 42.238 ng
 RT: 11.680 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

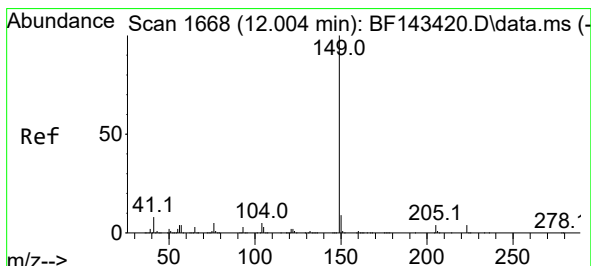
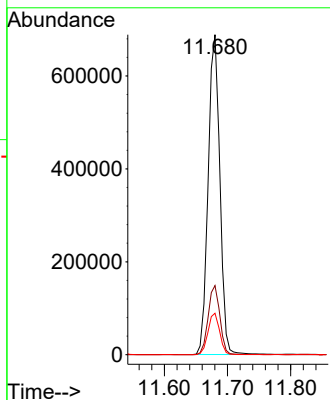
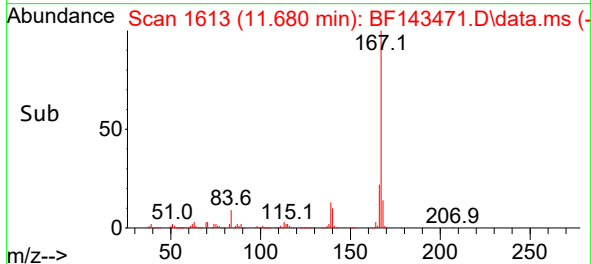


Tgt Ion:167 Resp: 886333
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.9 10.1 15.1

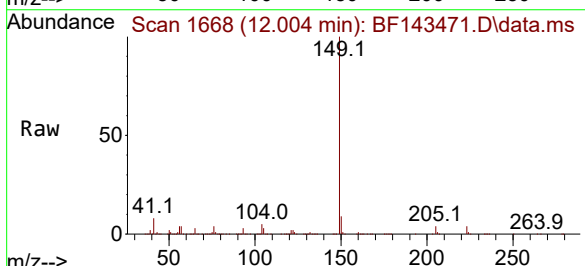
Manual Integrations
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Reviewed By :Rahul
 Chavli
 08/20/2025

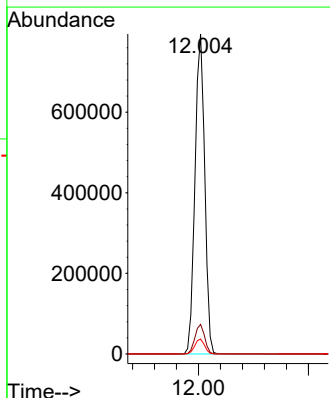
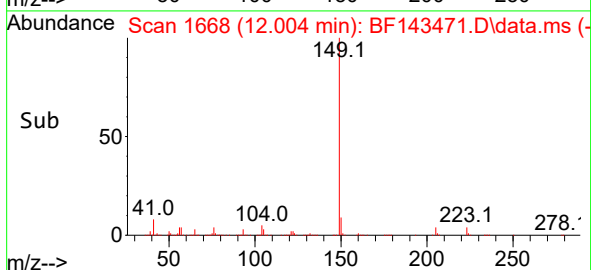
Supervised By :Jagrut
 Upadhyay
 08/20/2025

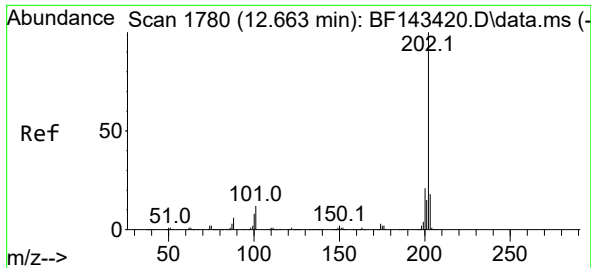


#74
 Di-n-butylphthalate
 Concen: 46.637 ng
 RT: 12.004 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17



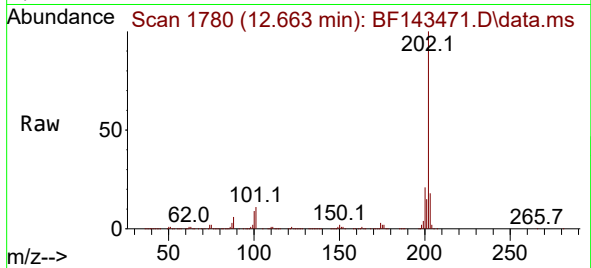
Tgt Ion:149 Resp: 974561
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 42.099 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

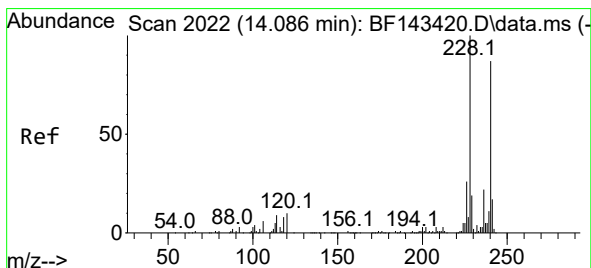
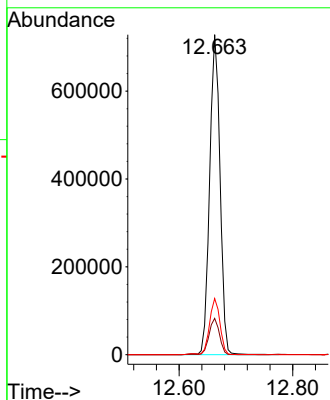
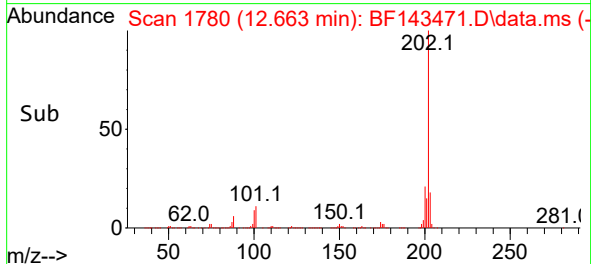


Tgt Ion:202 Resp: 918915
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.5
203 17.6 0.0 37.5

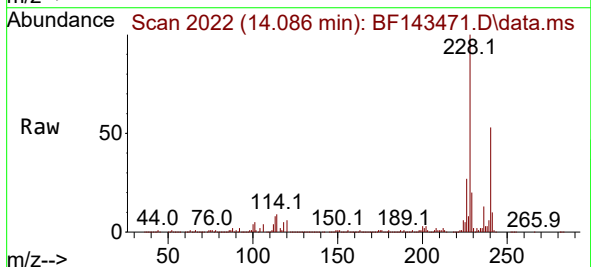
Manual Integrations
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Reviewed By :Rahul
Chavli
08/20/2025

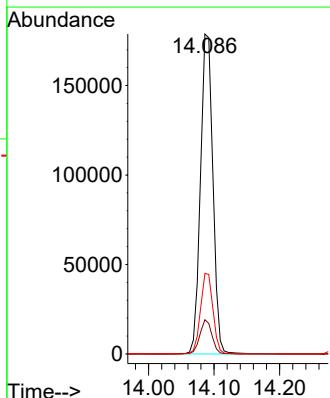
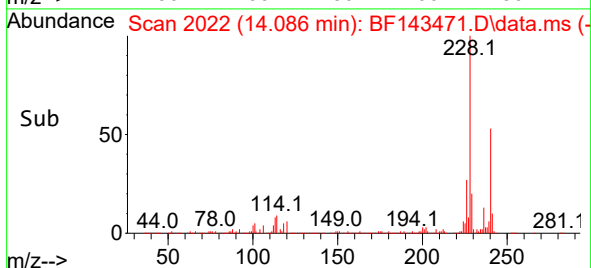
Supervised By :Jagrut
Upadhyay
08/20/2025

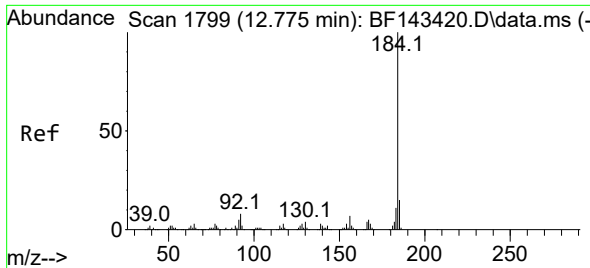


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17



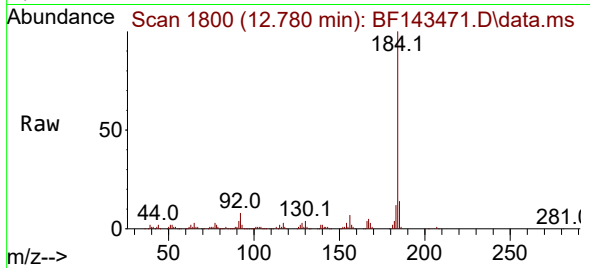
Tgt Ion:240 Resp: 236575
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.2 20.2 30.2





#77
Benzidine
Concen: 30.341 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

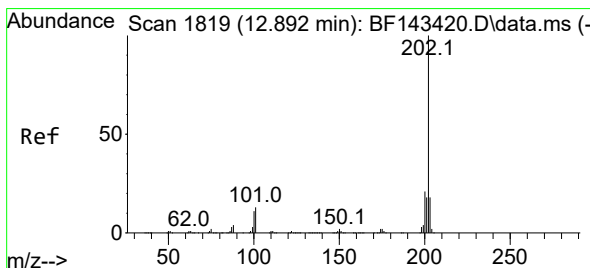
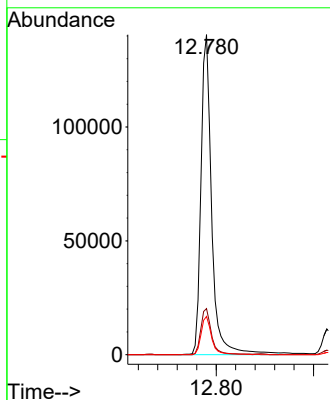
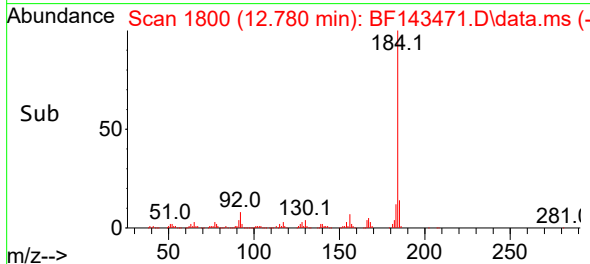


Tgt Ion:184 Resp: 21434
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 12.0 9.2 13.8

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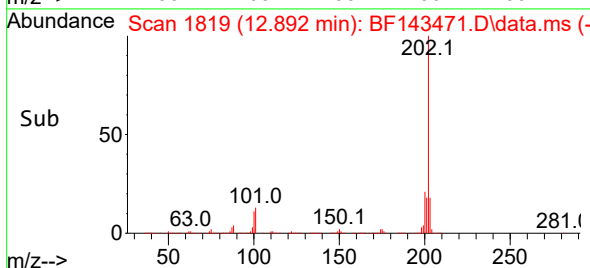
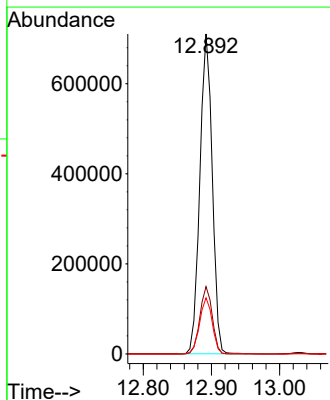
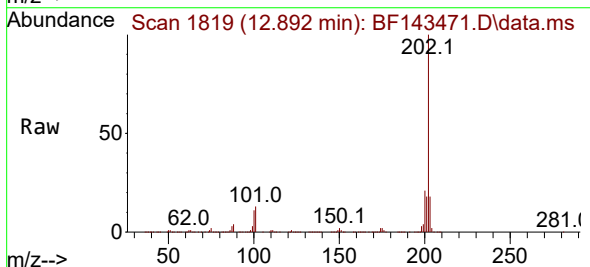
Reviewed By :Rahul
Chavli
08/20/2025

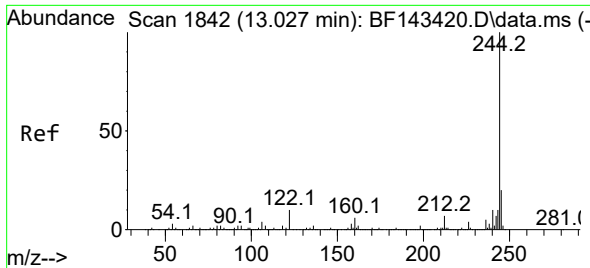
Supervised By :Jagrut
Upadhyay
08/20/2025



#78
Pyrene
Concen: 43.554 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:202 Resp: 895568
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.2





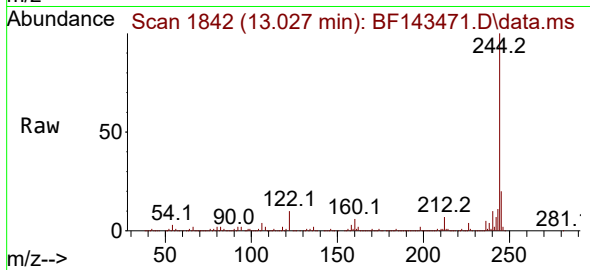
#79
 Terphenyl-d14
 Concen: 83.637 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

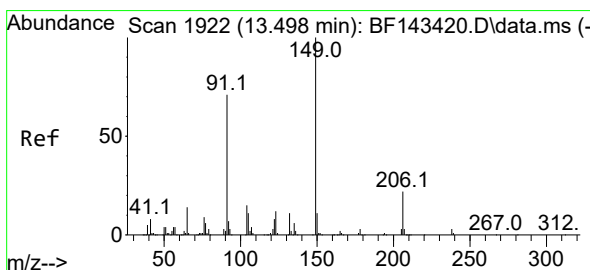
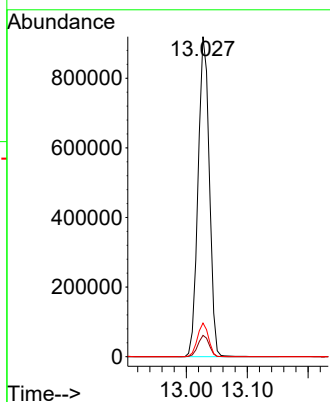
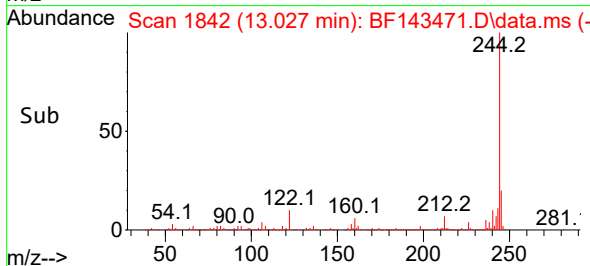


Tgt Ion:244 Resp: 1177864
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.5 8.3 12.5

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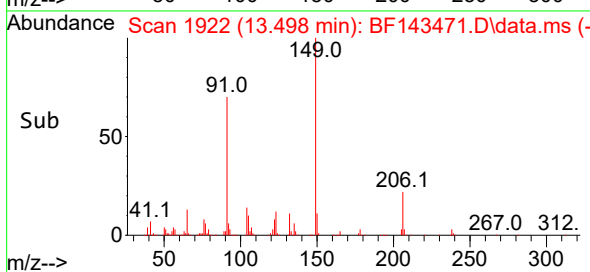
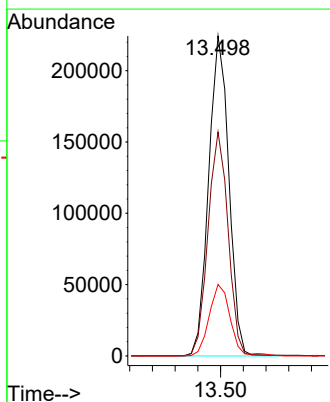
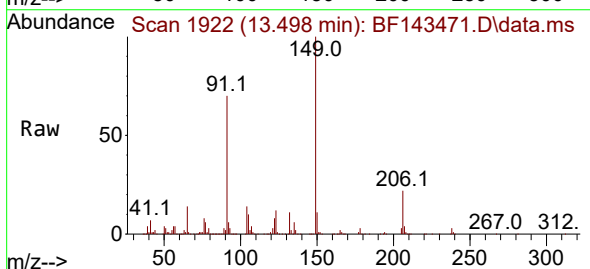
Reviewed By :Rahul
 Chavli
 08/20/2025

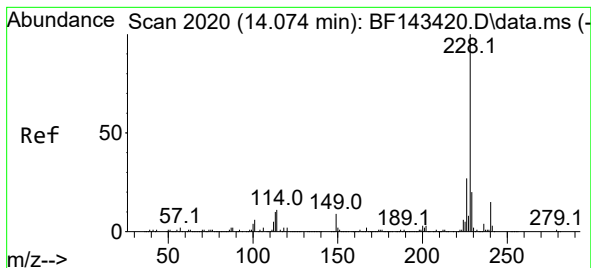
Supervised By :Jagrut
 Upadhyay
 08/20/2025



#80
 Butylbenzylphthalate
 Concen: 54.324 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:149 Resp: 276677
 Ion Ratio Lower Upper
 149 100
 91 70.0 57.0 85.4
 206 22.4 17.6 26.4





#81

Benzo(a)anthracene

Concen: 46.247 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF143471.D

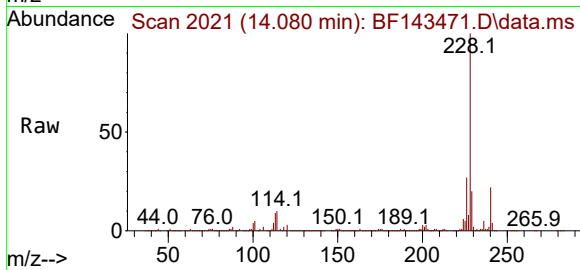
Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS



Tgt Ion:228 Resp: 696554

Ion Ratio Lower Upper

228 100

226 27.1 21.5 32.3

229 19.7 15.7 23.5

Manual Integrations

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Reviewed By :Rahul

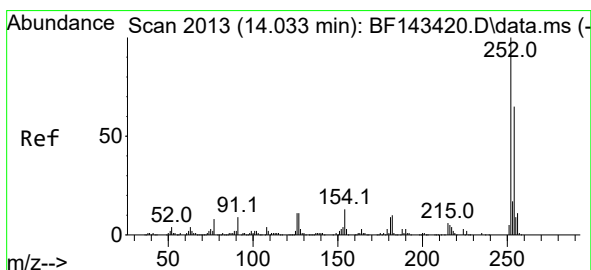
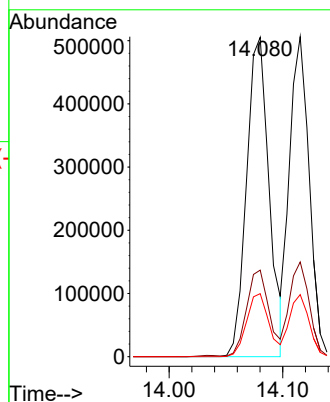
Chavli

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Supervised By :Jagrut

Upadhyay

08/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 34.316 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

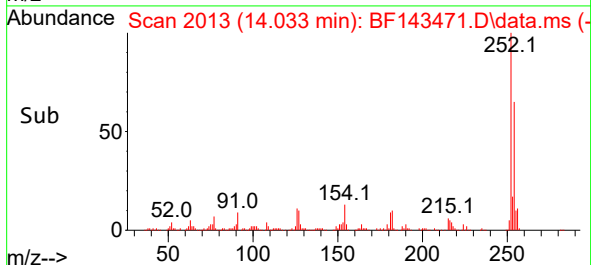
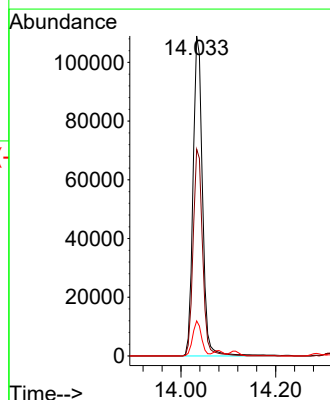
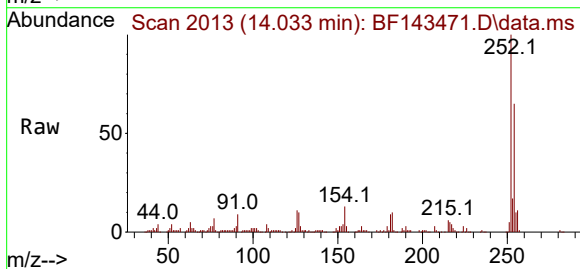
Tgt Ion:252 Resp: 151330

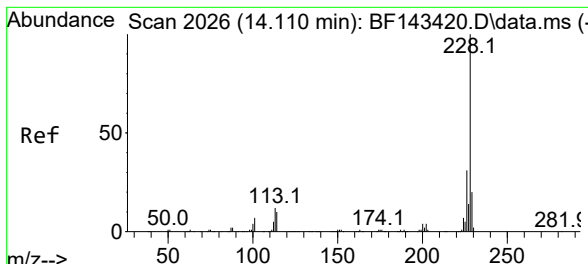
Ion Ratio Lower Upper

252 100

254 64.6 51.6 77.4

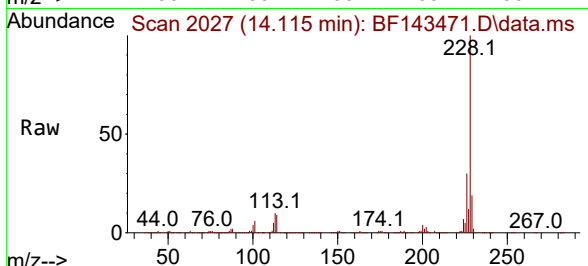
126 11.0 8.8 13.2





#83
 Chrysene
 Concen: 44.011 ng
 RT: 14.115 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument : BNA_F
 ClientSampleId : VNJ-210MS

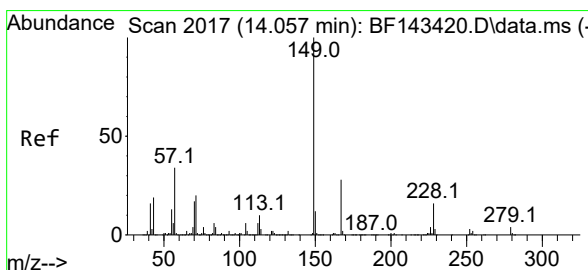
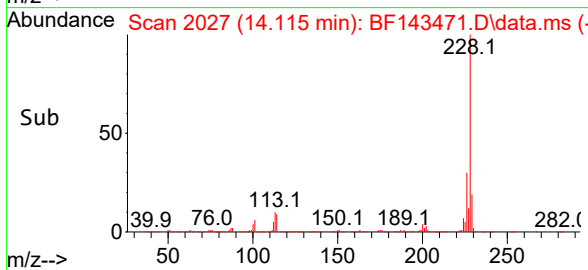
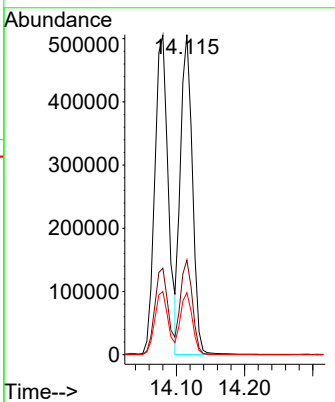


Tgt Ion: 228 Resp: 612820

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.4	16.1	24.1

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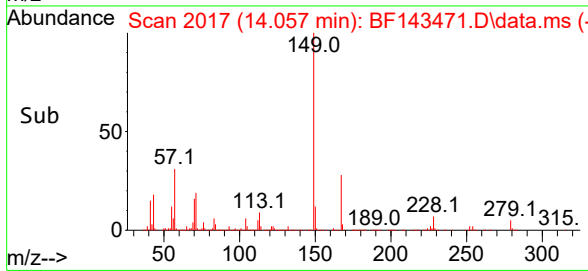
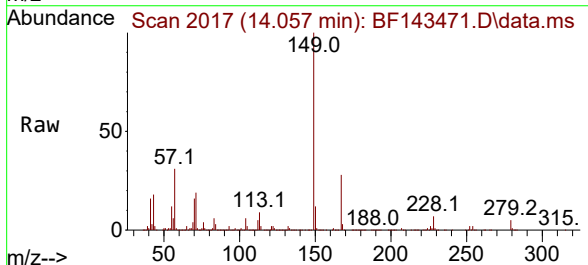
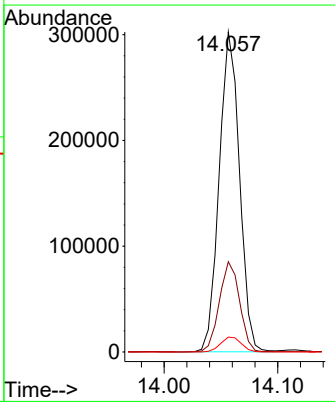
Reviewed By :Rahul Chavli
 08/20/2025
 Supervised By :Jagrut Upadhyay
 08/20/2025

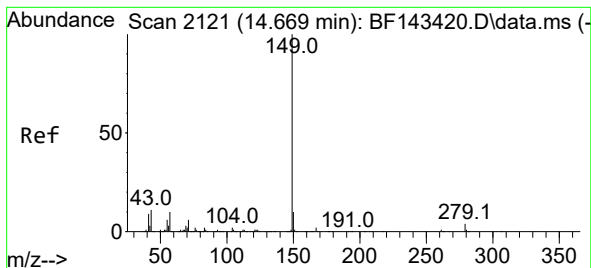


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.901 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion: 149 Resp: 375397

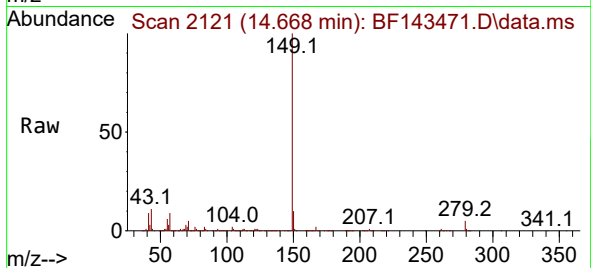
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.7	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 50.595 ng
RT: 14.668 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Instrument :
BNA_F
ClientSampleId :
VNJ-210MS

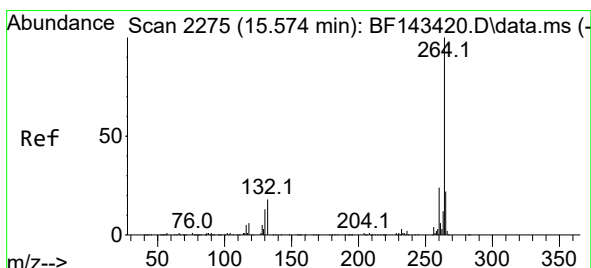
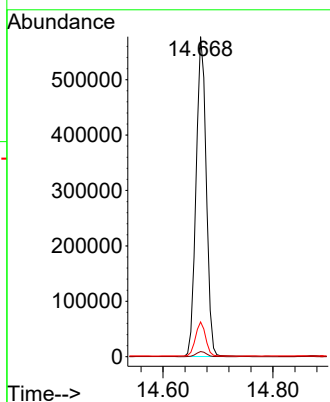
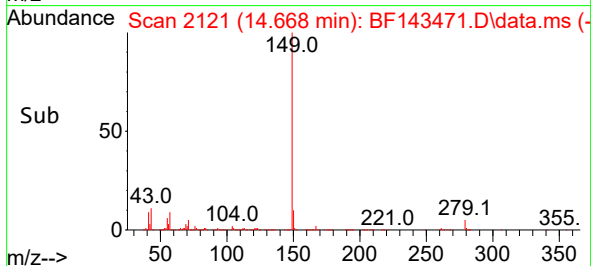


Tgt Ion:149 Resp: 742244
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.6 9.0 13.6

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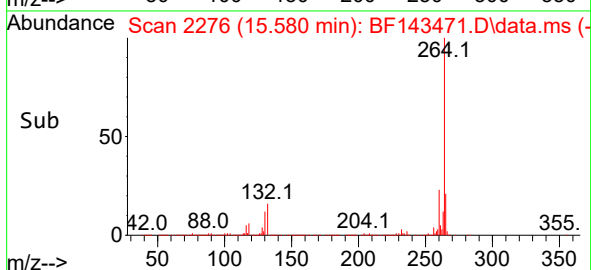
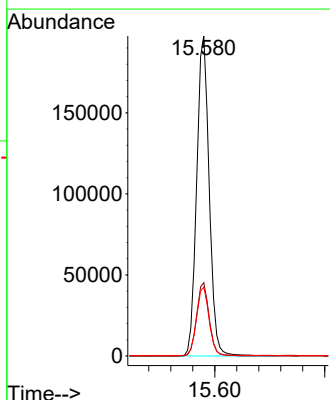
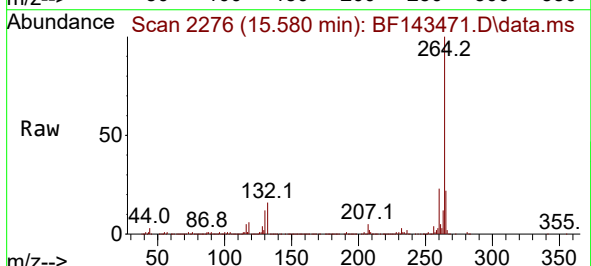
Reviewed By :Rahul
Chavli
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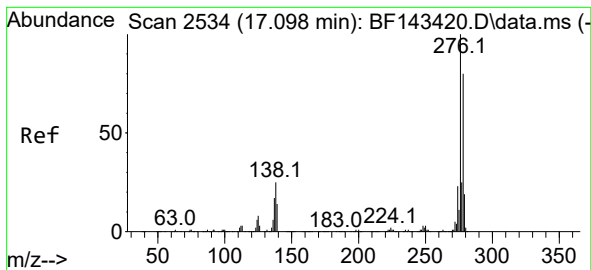
Supervised By :Jagrut
Upadhyay
08/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF143471.D
Acq: 19 Aug 2025 23:17

Tgt Ion:264 Resp: 311905
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.882 ng

RT: 17.103 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

Tgt Ion:276 Resp: 1003000

Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.4

277 25.4 20.2 30.2

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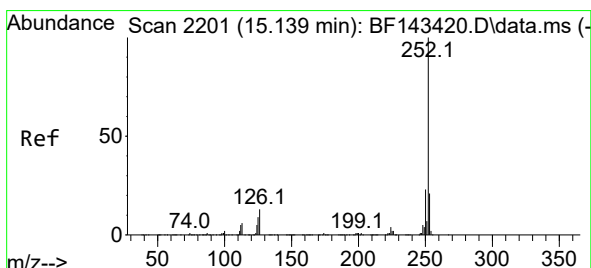
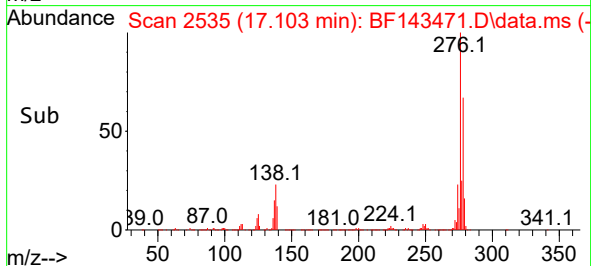
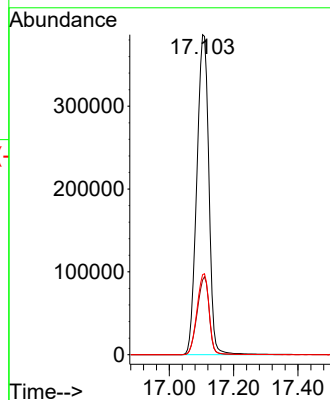
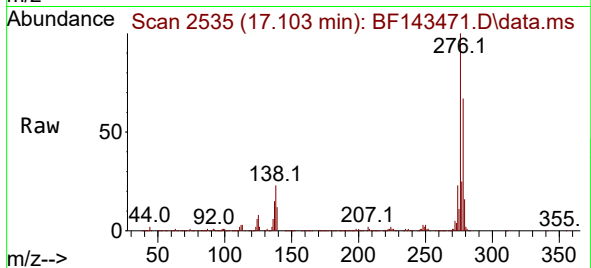
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#88

Benzo(b)fluoranthene

Concen: 48.239 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

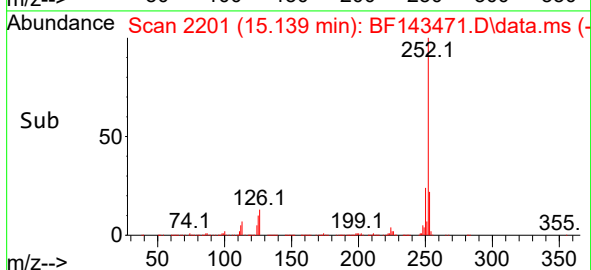
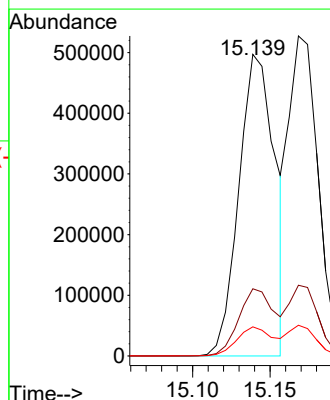
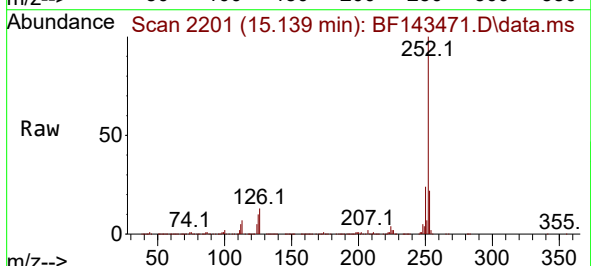
Tgt Ion:252 Resp: 806405

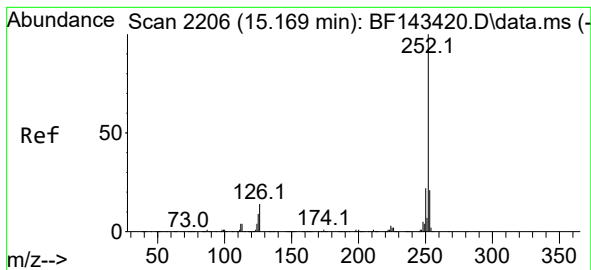
Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 9.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 42.463 ng

RT: 15.168 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

VNJ-210MS

Tgt Ion:252 Resp: 700138

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.6 7.4 11.2

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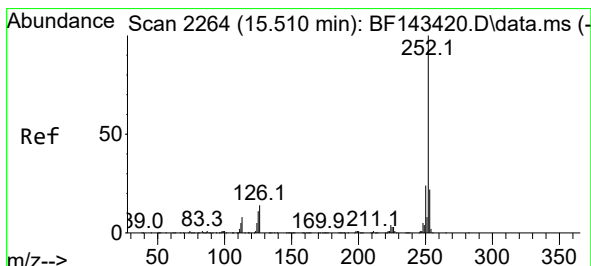
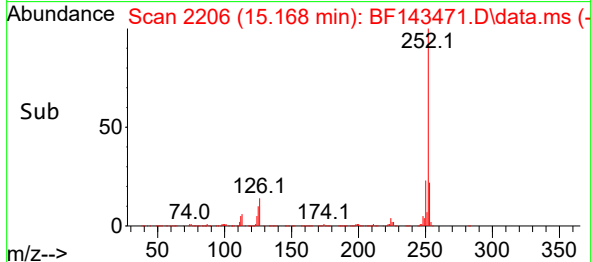
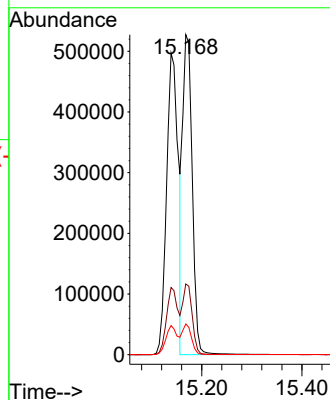
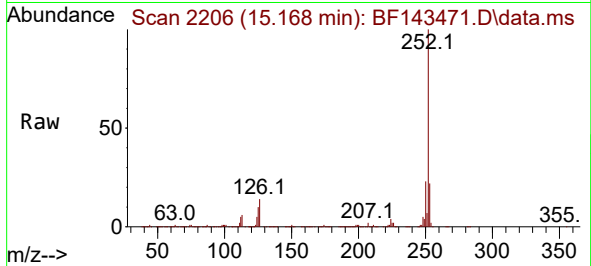
Chavli

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08/20/2025



#90

Benzo(a)pyrene

Concen: 47.753 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143471.D

Acq: 19 Aug 2025 23:17

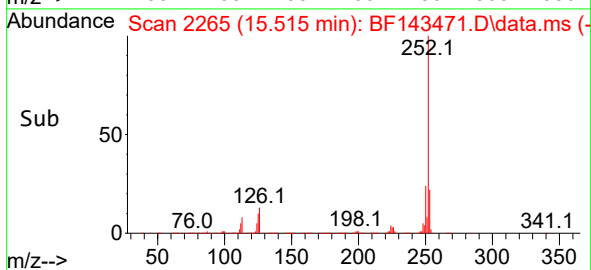
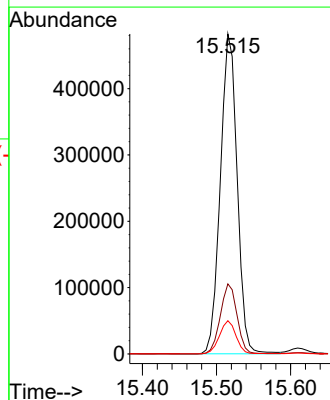
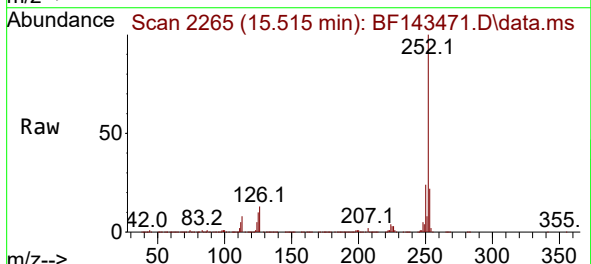
Tgt Ion:252 Resp: 760328

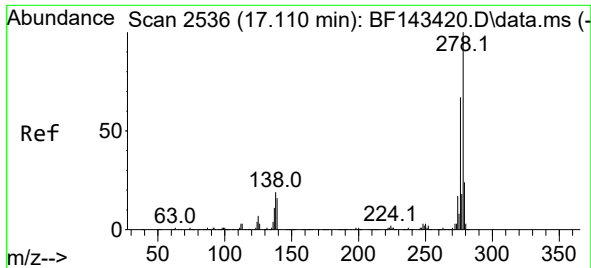
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.4 8.6 12.8





#91
 Dibenzo(a,h)anthracene
 Concen: 43.407 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Instrument :

BNA_F

ClientSampleId :

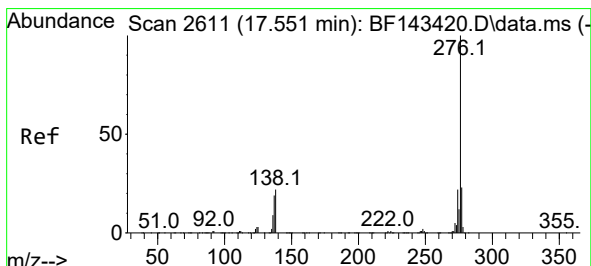
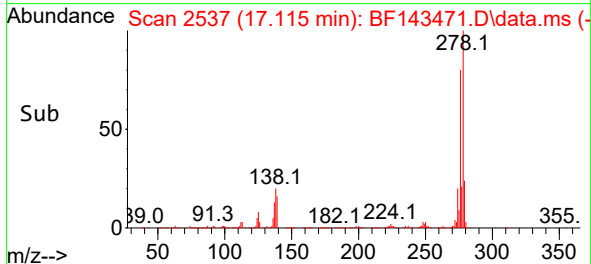
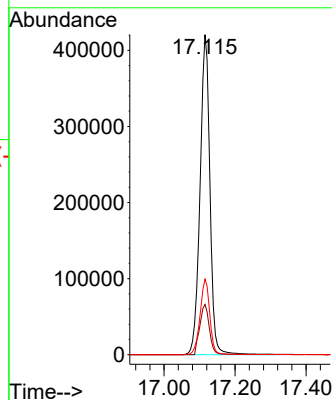
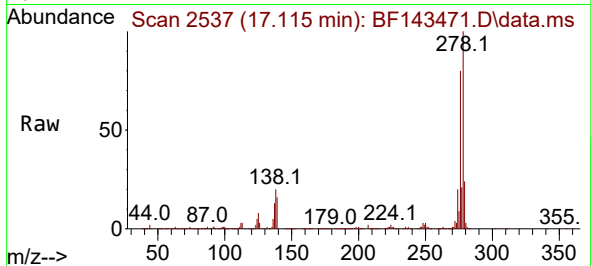
VNJ-210MS

Tgt Ion:278 Resp: 815320
 Ion Ratio Lower Upper
 278 100
 139 15.7 12.9 19.3
 279 23.6 19.0 28.4

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Reviewed By :Rahul
 Chavli
 08/20/2025

Supervised By :Jagrut
 Upadhyay
 08/20/2025



#92
 Benzo(g,h,i)perylene
 Concen: 43.508 ng
 RT: 17.562 min Scan# 2613
 Delta R.T. 0.012 min
 Lab File: BF143471.D
 Acq: 19 Aug 2025 23:17

Tgt Ion:276 Resp: 816388
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.7 28.1
 138 21.0 17.5 26.3

