

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143313.D
 Acq On : 05 Aug 2025 13:59
 Operator : RC/JU
 Sample : Q2734-01MS 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 05 14:26:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	130860	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	486158	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	224868	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	312204	20.000	ng	0.00
76) Chrysene-d12	14.133	240	241353	20.000	ng	0.01
86) Perylene-d12	15.645	264	186398	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	333444	40.323	ng	0.01
7) Phenol-d6	6.592	99	435211	41.813	ng	0.00
23) Nitrobenzene-d5	7.516	82	275271	28.224	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	83476	35.934	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	484848	29.488	ng	0.00
79) Terphenyl-d14	13.069	244	381121	23.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	65474	16.733	ng	99
3) Pyridine	3.604	79	164496	16.197	ng	98
4) n-Nitrosodimethylamine	3.528	42	97480	18.590	ng	97
6) Aniline	6.622	93	84409	5.819	ng	# 83
8) 2-Chlorophenol	6.751	128	169608	19.567	ng	97
9) Benzaldehyde	6.510	77	105300	13.492	ng	98
10) Phenol	6.604	94	218878	19.303	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	182838	21.060	ng	97
12) 1,3-Dichlorobenzene	6.904	146	177685	18.870	ng	100
13) 1,4-Dichlorobenzene	6.981	146	179746	18.955	ng	99
14) 1,2-Dichlorobenzene	7.134	146	173303	19.215	ng	99
15) Benzyl Alcohol	7.098	79	153915	19.367	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	318887	19.800	ng	97
17) 2-Methylphenol	7.216	107	139737	19.173	ng	99
18) Hexachloroethane	7.481	117	52594	16.021	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	126399	18.928	ng	98
20) 3+4-Methylphenols	7.363	107	176660	19.978	ng	# 69
22) Acetophenone	7.363	105	234736	20.394	ng	# 95
24) Nitrobenzene	7.539	77	185250	20.373	ng	100
25) Isophorone	7.781	82	345353	20.059	ng	98
26) 2-Nitrophenol	7.857	139	89217	22.608	ng	99
27) 2,4-Dimethylphenol	7.892	122	154952m	19.263	ng	
28) bis(2-Chloroethoxy)met...	7.986	93	211672	20.505	ng	99
29) 2,4-Dichlorophenol	8.104	162	128258	18.907	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	142684	19.469	ng	100
31) Naphthalene	8.269	128	477055	19.925	ng	100
32) Benzoic acid	7.981	122	80819	21.090	ng	99
33) 4-Chloroaniline	8.310	127	52381	5.358	ng	99
34) Hexachlorobutadiene	8.386	225	85967	19.202	ng	99
35) Caprolactam	8.657	113	42764	20.861	ng	96
36) 4-Chloro-3-methylphenol	8.792	107	135660	18.399	ng	97
37) 2-Methylnaphthalene	8.957	142	284935	19.557	ng	100
38) 1-Methylnaphthalene	9.057	142	292390	19.489	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	139365	21.467	ng	98
41) Hexachlorocyclopentadiene	9.116	237	873	0.207	ng	92
43) 2,4,6-Trichlorophenol	9.233	196	84670	18.844	ng	97

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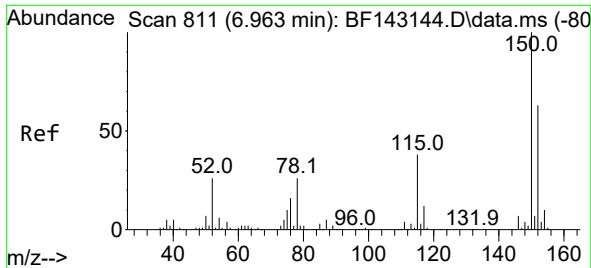
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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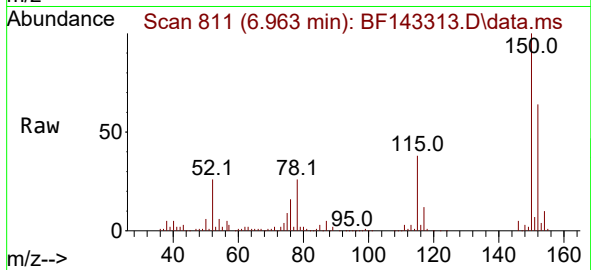
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	82644	18.388	ng	98
46) 1,1'-Biphenyl	9.422	154	382379	21.795	ng	99
47) 2-Chloronaphthalene	9.445	162	262793	20.244	ng	99
48) 2-Nitroaniline	9.533	65	88146	21.653	ng	98
49) Acenaphthylene	9.863	152	430327	19.781	ng	100
50) Dimethylphthalate	9.710	163	326052	22.245	ng	100
51) 2,6-Dinitrotoluene	9.775	165	64618	21.671	ng	96
52) Acenaphthene	10.033	154	257617	20.035	ng	97
53) 3-Nitroaniline	9.939	138	47291	13.560	ng	96
54) 2,4-Dinitrophenol	10.051	184	19195	19.684	ng #	9
55) Dibenzofuran	10.204	168	370877	19.428	ng	99
56) 4-Nitrophenol	10.104	139	82334	31.613	ng	97
57) 2,4-Dinitrotoluene	10.175	165	77385	20.686	ng	99
58) Fluorene	10.551	166	277735	19.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	63002	16.922	ng	98
60) Diethylphthalate	10.416	149	305410	21.081	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	139599	19.567	ng	99
62) 4-Nitroaniline	10.551	138	49643	16.608	ng	98
63) Azobenzene	10.698	77	295403	19.564	ng	97
65) 4,6-Dinitro-2-methylph...	10.586	198	15461	13.794	ng	90
66) n-Nitrosodiphenylamine	10.651	169	240384	21.866	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	76580	20.583	ng	98
68) Hexachlorobenzene	11.104	284	69382	17.841	ng	99
69) Atrazine	11.180	200	68641	22.647	ng	100
70) Pentachlorophenol	11.292	266	72936	31.892	ng	98
71) Phenanthrene	11.516	178	453203	27.339	ng	100
72) Anthracene	11.563	178	368566	21.800	ng	99
73) Carbazole	11.716	167	318850	21.598	ng	100
74) Di-n-butylphthalate	12.045	149	399160	23.896	ng	99
75) Fluoranthene	12.704	202	687059	45.155	ng	99
77) Benzidine	12.821	184	6918	0.744	ng #	34
78) Pyrene	12.933	202	677000	32.867	ng	99
80) Butylbenzylphthalate	13.545	149	162294	25.730	ng	98
81) Benzo(a)anthracene	14.121	228	499986	30.942	ng	98
82) 3,3'-Dichlorobenzidine	14.080	252	58890	10.935	ng	99
83) Chrysene	14.157	228	438517	30.184	ng	98
84) Bis(2-ethylhexyl)phtha...	14.104	149	242982	25.451	ng	99
85) Di-n-octyl phthalate	14.721	149	393515	22.740	ng	100
87) Indeno(1,2,3-cd)pyrene	17.192	276	246288	18.738	ng	99
88) Benzo(b)fluoranthene	15.198	252	376253	33.042	ng #	97
89) Benzo(k)fluoranthene	15.227	252	304157m	29.933	ng	
90) Benzo(a)pyrene	15.580	252	301255	28.714	ng #	96
91) Dibenzo(a,h)anthracene	17.209	278	174886	16.348	ng	98
92) Benzo(g,h,i)perylene	17.662	276	200796	19.403	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

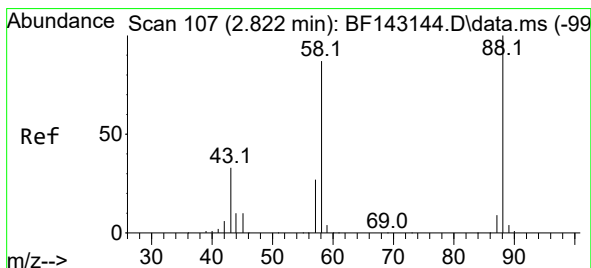
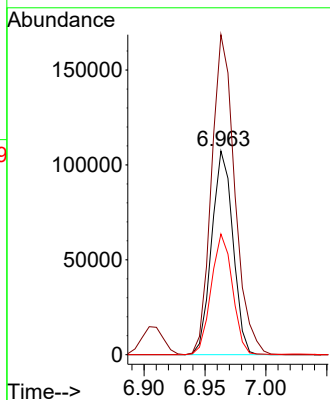
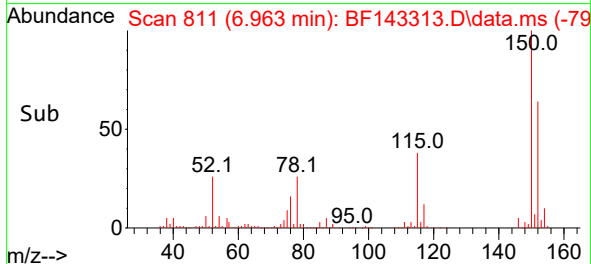
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



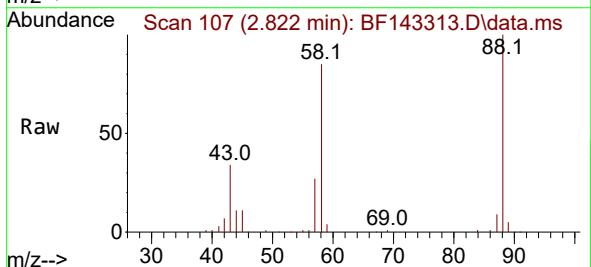
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Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 59.2 47.9 71.9

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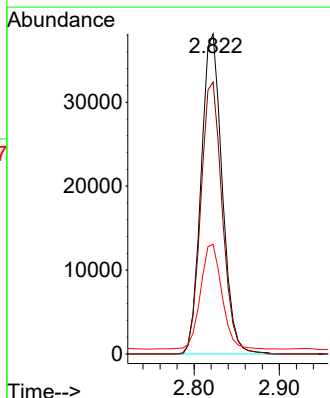
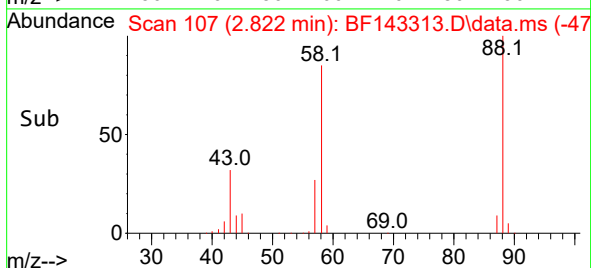
Reviewed By :Rahul Chavli 08/06/2025
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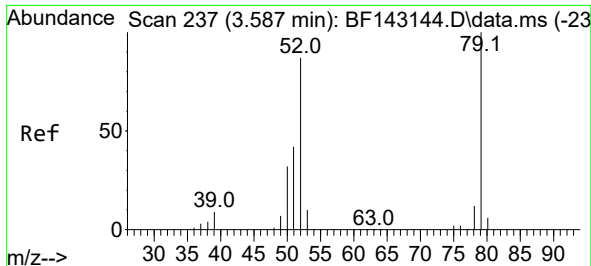


#2
1,4-Dioxane
Concen: 16.733 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



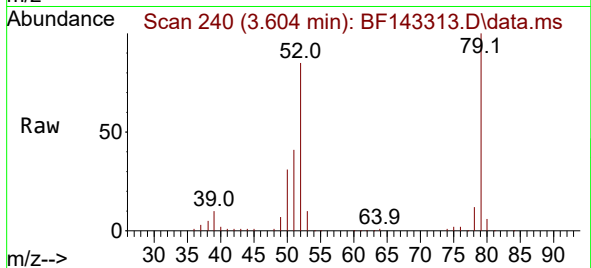
Tgt Ion: 88 Resp: 65474
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 33.1 27.1 40.7





#3
Pyridine
Concen: 16.197 ng
RT: 3.604 min Scan# 240
Delta R.T. 0.018 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

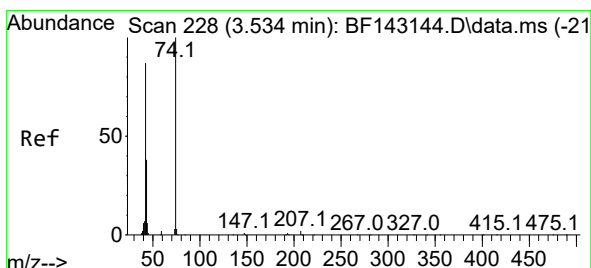
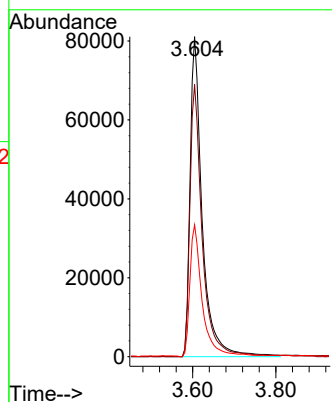
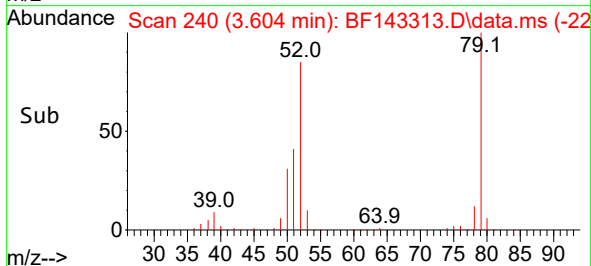
Instrument :
BNA_F
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VNJ-253MS



Tgt Ion: 79 Resp: 164490
Ion Ratio Lower Upper
79 100
52 85.1 69.4 104.2
51 41.2 33.5 50.3

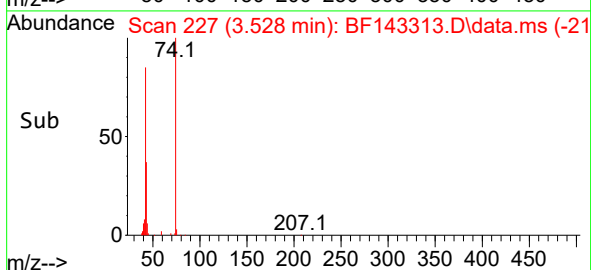
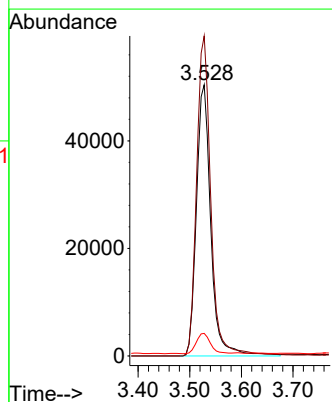
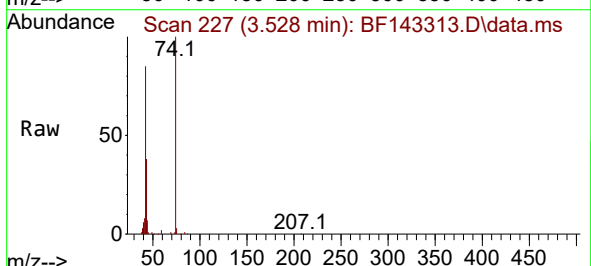
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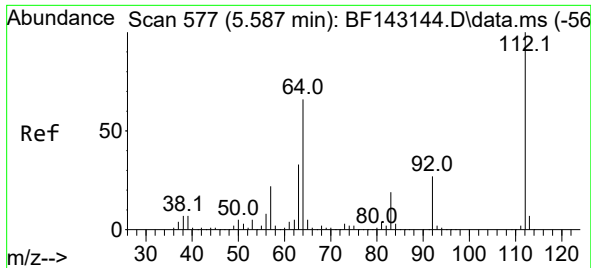
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#4
n-Nitrosodimethylamine
Concen: 18.590 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion: 42 Resp: 97480
Ion Ratio Lower Upper
42 100
74 118.0 91.7 137.5
44 8.4 5.6 8.4





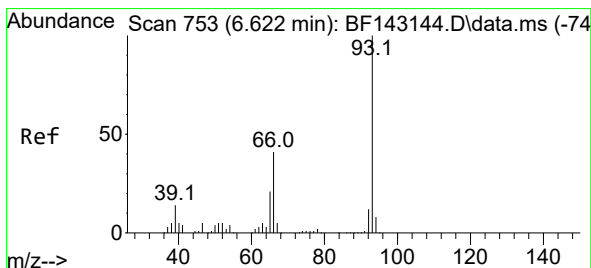
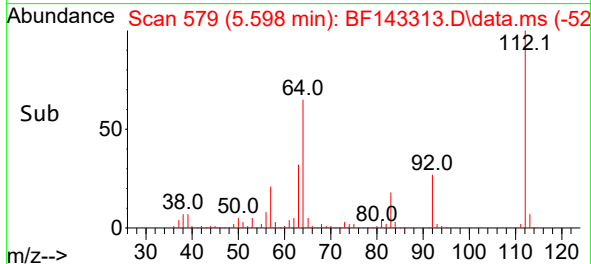
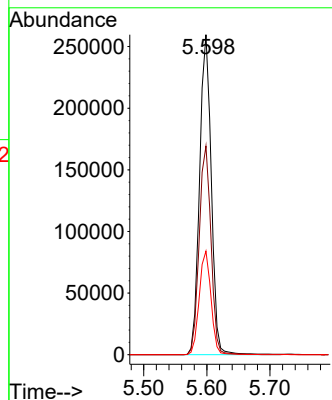
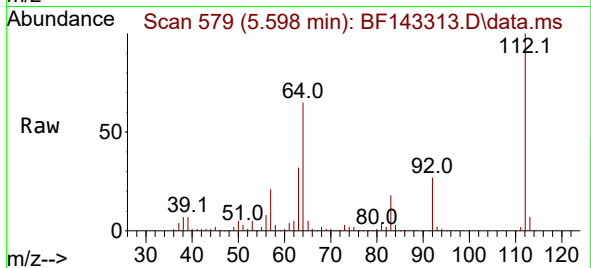
#5
2-Fluorophenol
Concen: 40.323 ng
RT: 5.598 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 33344
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 32.4 26.6 40.0

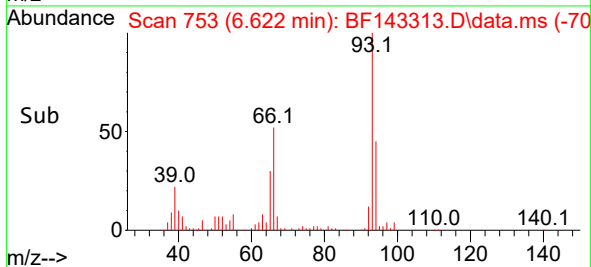
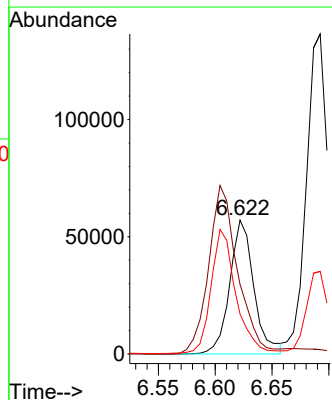
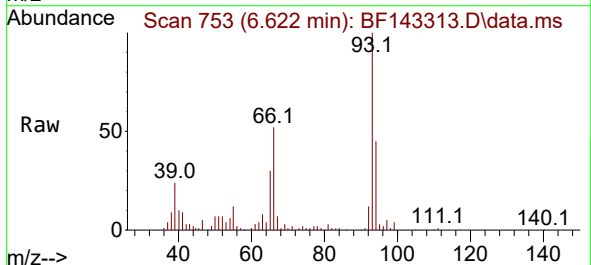
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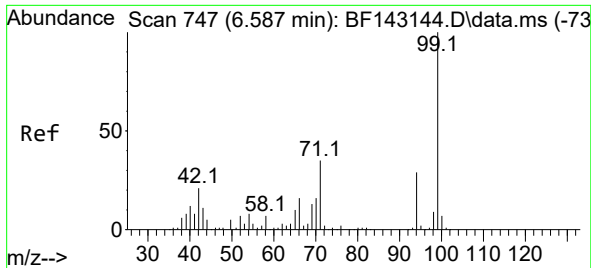
Reviewed By :Rahul Chavli 08/06/2025
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#6
Aniline
Concen: 5.819 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion: 93 Resp: 84409
Ion Ratio Lower Upper
93 100
66 52.0 33.2 49.8#
65 29.8 16.9 25.3#





#7

Phenol-d6

Concen: 41.813 ng

RT: 6.592 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

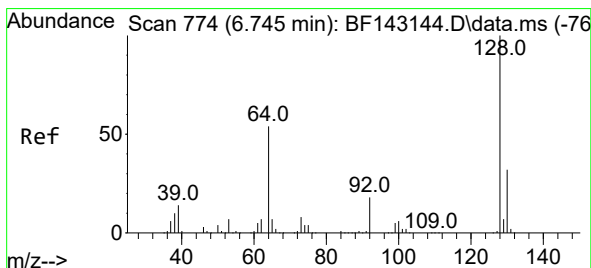
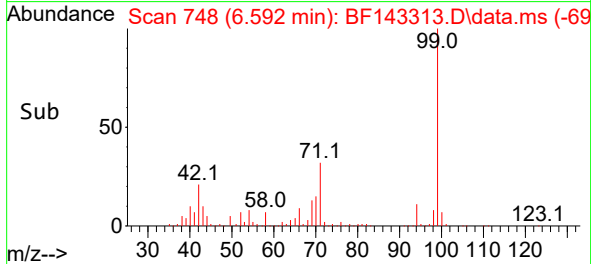
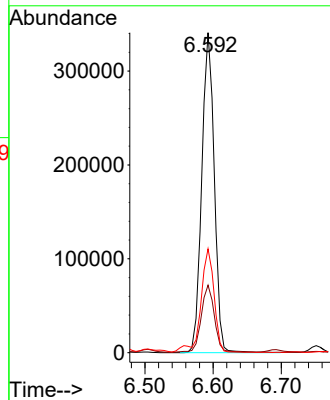
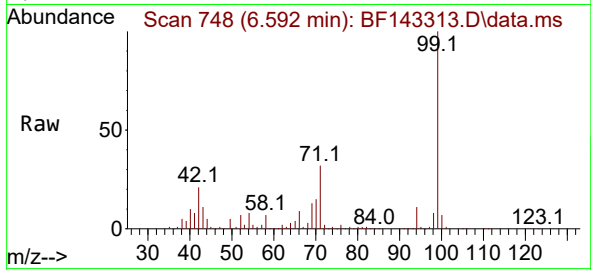
Tgt Ion: 99 Resp: 43521
 Ion Ratio Lower Upper
 99 100
 42 21.1 17.0 25.6
 71 32.5 27.7 41.5

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#8

2-Chlorophenol

Concen: 19.567 ng

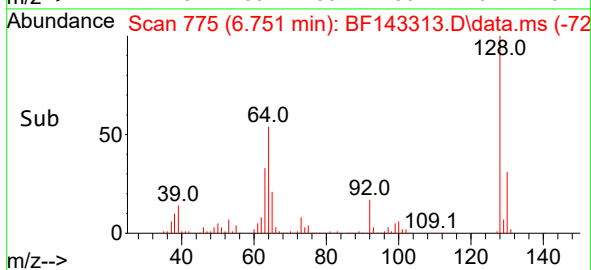
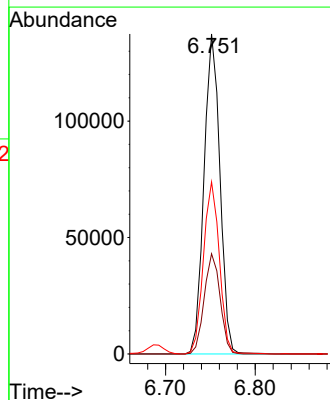
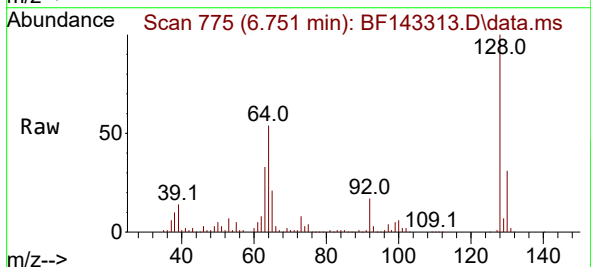
RT: 6.751 min Scan# 775

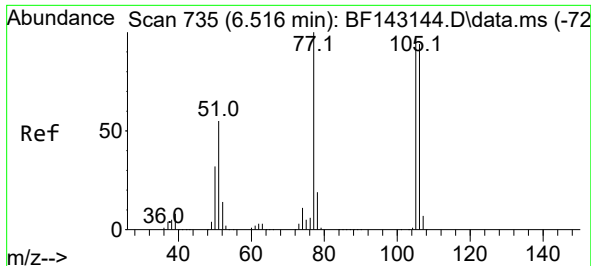
Delta R.T. 0.006 min

Lab File: BF143313.D

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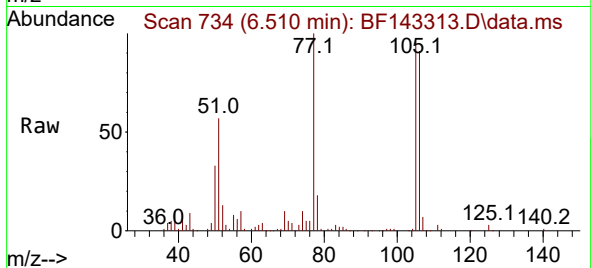
Tgt Ion:128 Resp: 169608
 Ion Ratio Lower Upper
 128 100
 130 31.3 12.3 52.3
 64 53.7 35.9 75.9





#9
Benzaldehyde
Concen: 13.492 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143313.D
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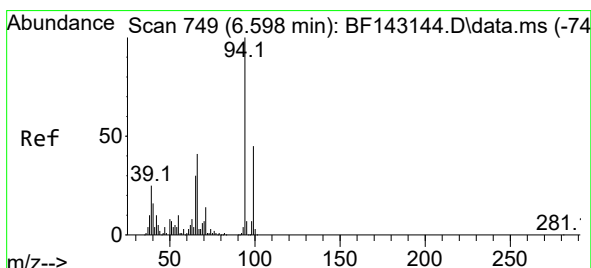
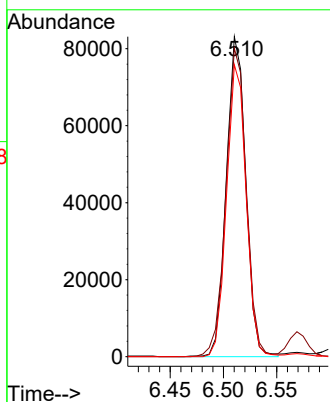
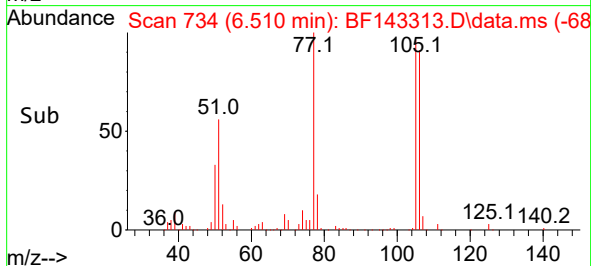
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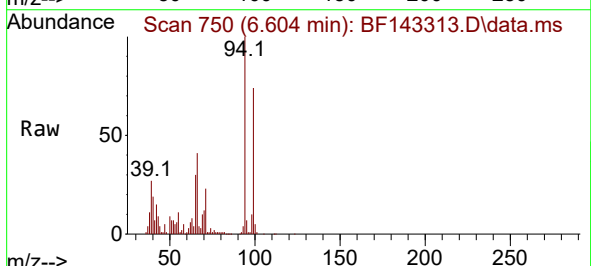
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Ion Ratio Lower Upper
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106 91.2 74.4 114.4

Manual Integrations
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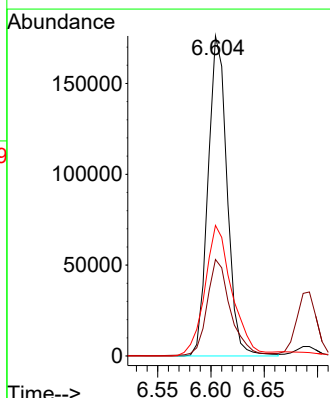
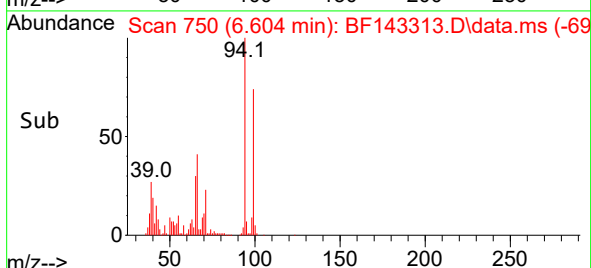
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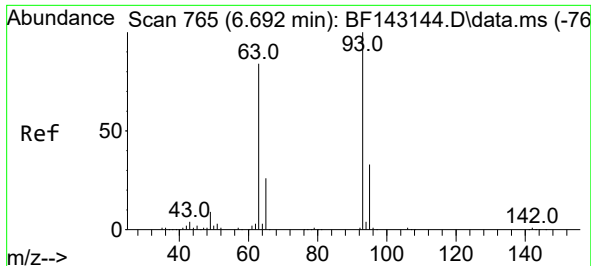


#10
Phenol
Concen: 19.303 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



Tgt Ion: 94 Resp: 218878
Ion Ratio Lower Upper
94 100
65 30.1 10.0 50.0
66 40.8 20.8 60.8





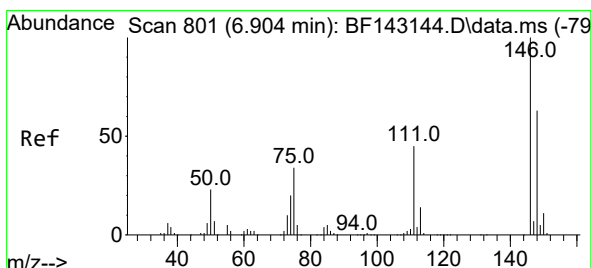
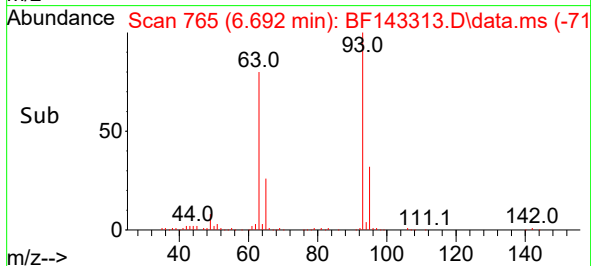
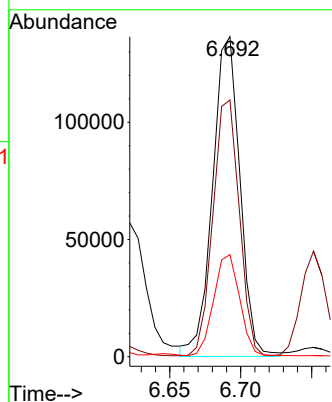
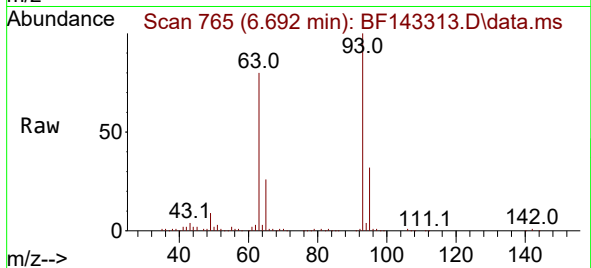
#11
bis(2-Chloroethyl)ether
Concen: 21.060 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion: 93 Resp: 182838
Ion Ratio Lower Upper
93 100
63 80.2 63.4 103.4
95 31.9 12.4 52.4

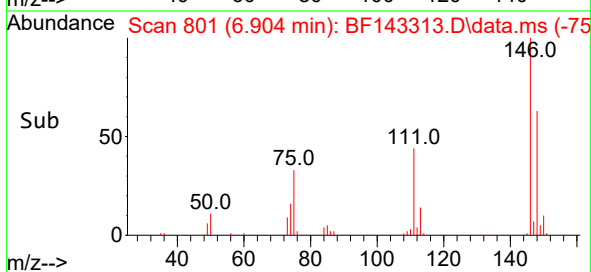
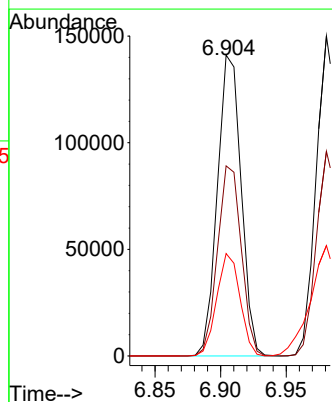
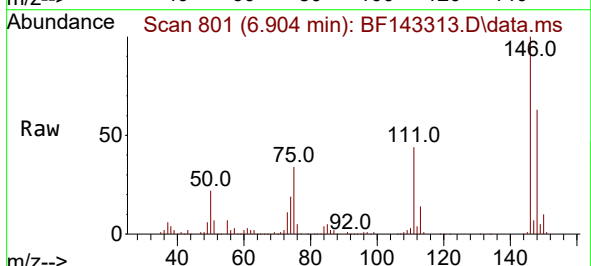
Manual Integrations
APPROVED

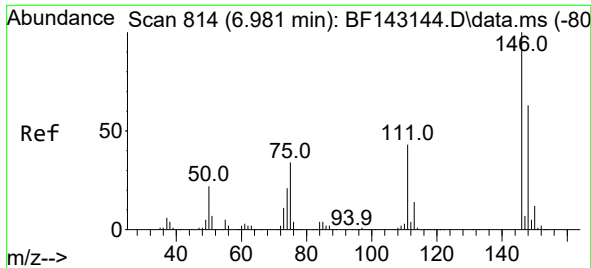
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#12
1,3-Dichlorobenzene
Concen: 18.870 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:146 Resp: 177685
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 34.1 27.4 41.2





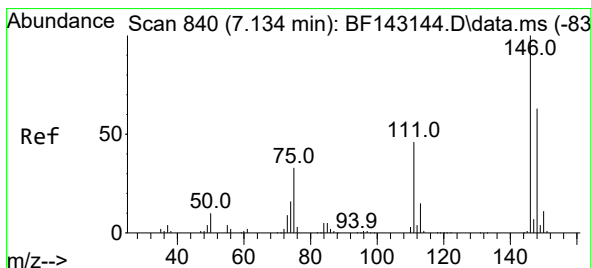
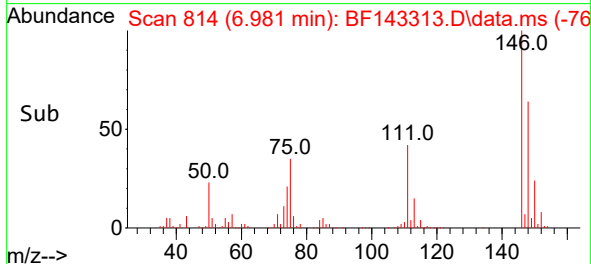
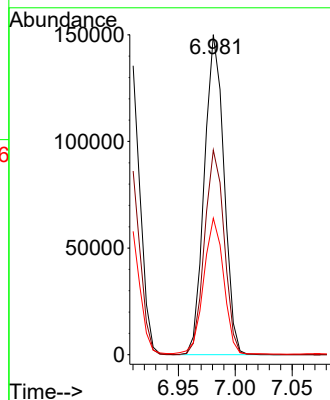
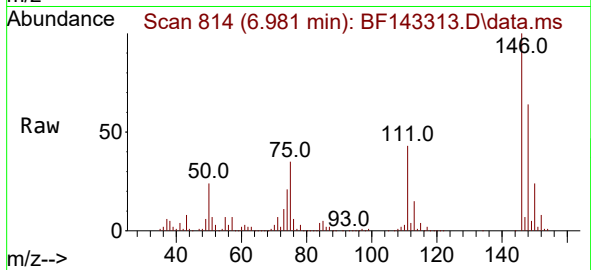
#13
1,4-Dichlorobenzene
Concen: 18.955 ng
RT: 6.981 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion:146 Resp: 179740
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 42.6 34.4 51.6

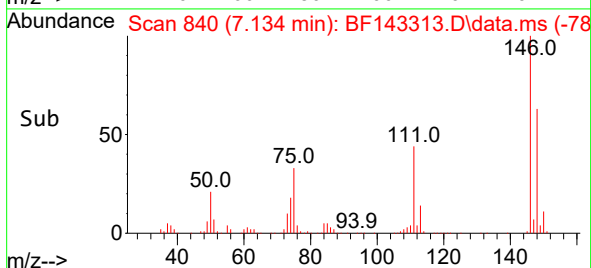
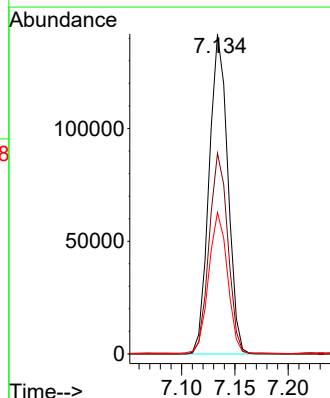
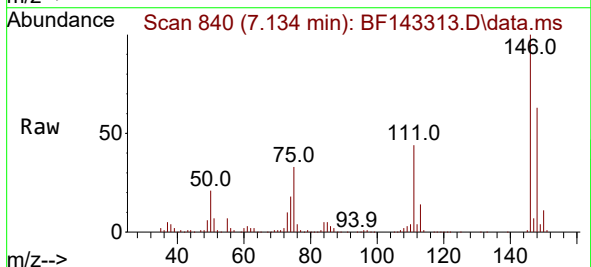
Manual Integrations
APPROVED

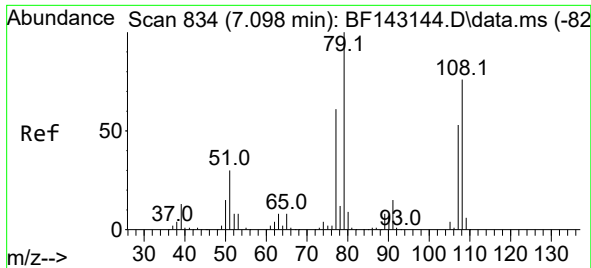
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#14
1,2-Dichlorobenzene
Concen: 19.215 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:146 Resp: 173303
Ion Ratio Lower Upper
146 100
148 62.7 50.7 76.1
111 44.3 36.6 54.8





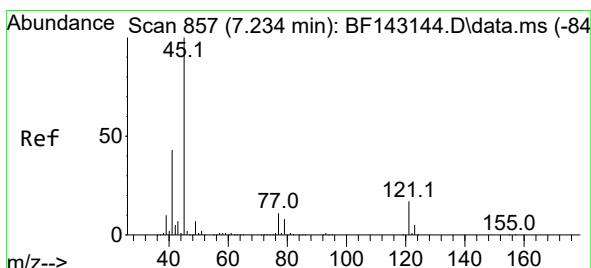
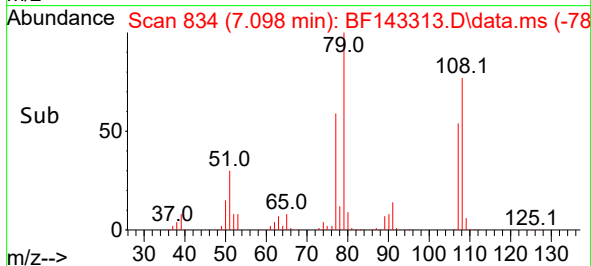
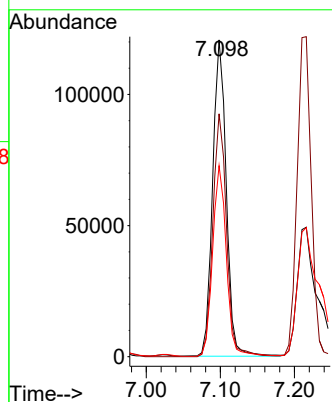
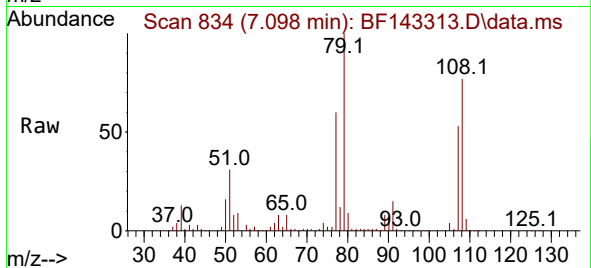
#15
Benzyl Alcohol
Concen: 19.367 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion: 79 Resp: 153915
Ion Ratio Lower Upper
79 100
108 76.6 61.1 91.7
77 60.3 48.9 73.3

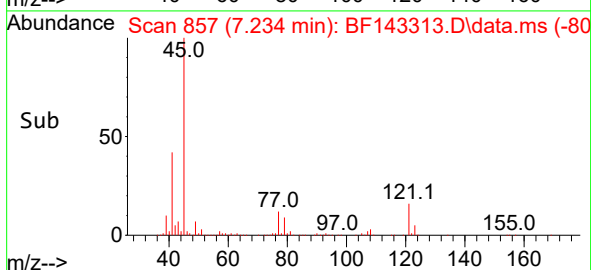
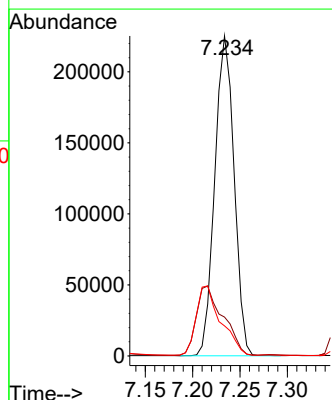
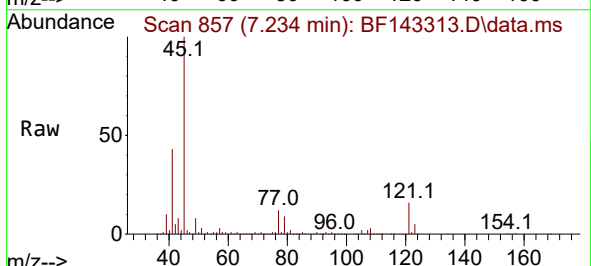
Manual Integrations
APPROVED

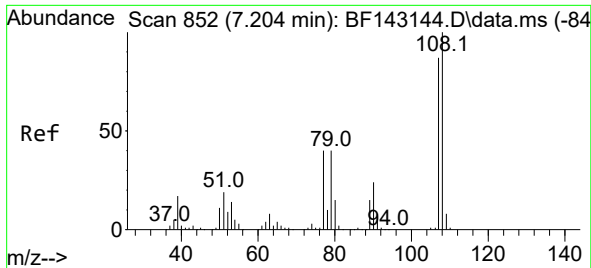
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.800 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

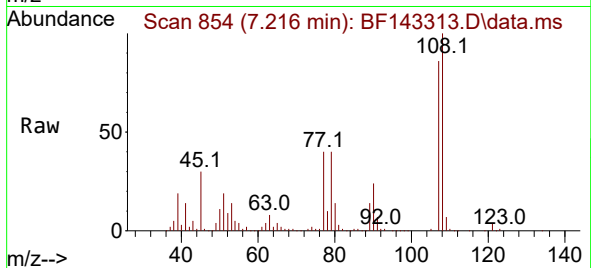
Tgt Ion: 45 Resp: 318887
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.2
79 9.4 0.0 28.5





#17
2-Methylphenol
Concen: 19.173 ng
RT: 7.216 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

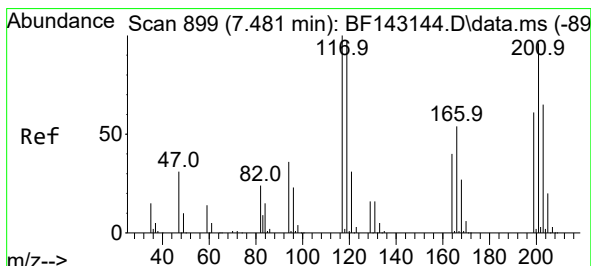
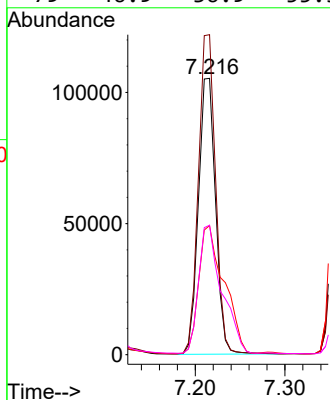
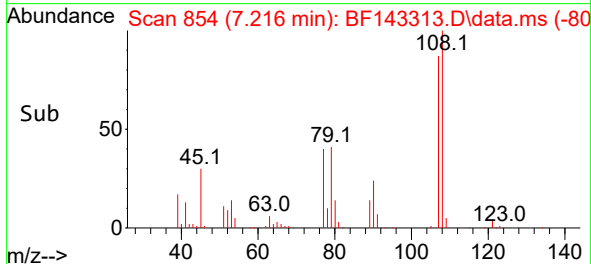
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



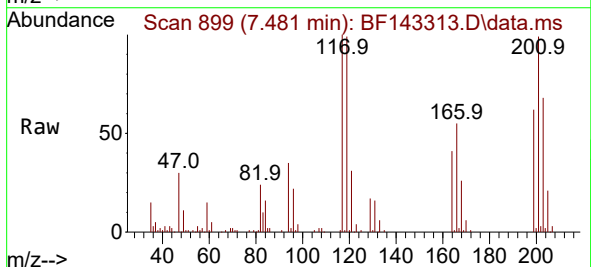
Tgt Ion:107 Resp: 13973
Ion Ratio Lower Upper
107 100
108 115.8 91.8 137.6
77 46.7 37.0 55.6
79 46.9 36.9 55.3

Manual Integrations
APPROVED

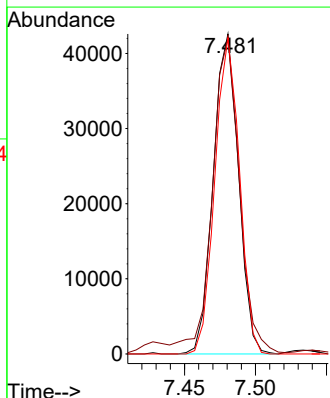
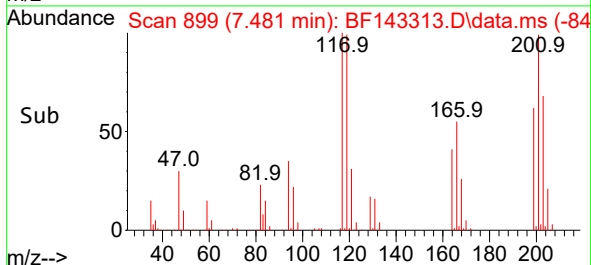
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

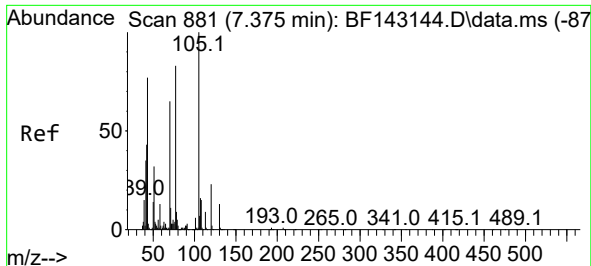


#18
Hexachloroethane
Concen: 16.021 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



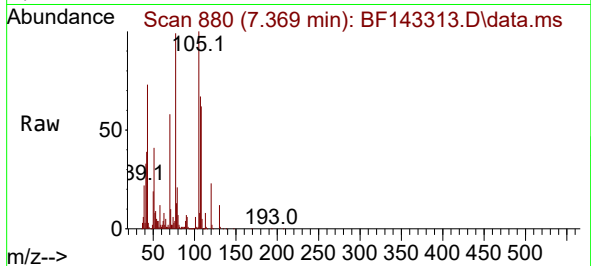
Tgt Ion:117 Resp: 52594
Ion Ratio Lower Upper
117 100
119 98.8 77.8 116.8
201 98.8 77.0 115.4





#19
n-Nitroso-di-n-propylamine
Concen: 18.928 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

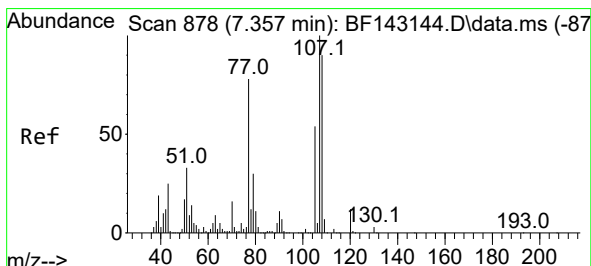
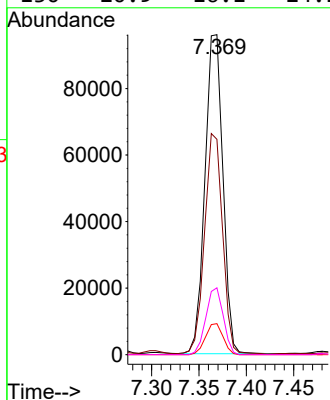
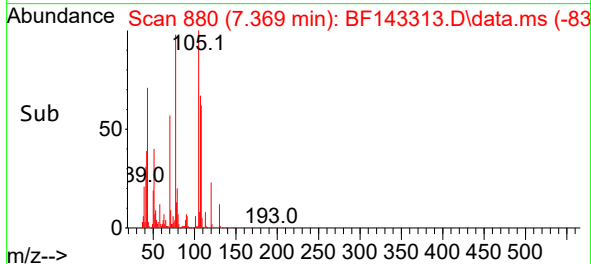
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion: 70 Resp: 126395
Ion Ratio Lower Upper
70 100
42 67.3 52.5 78.7
101 9.7 7.6 11.4
130 20.9 16.1 24.1

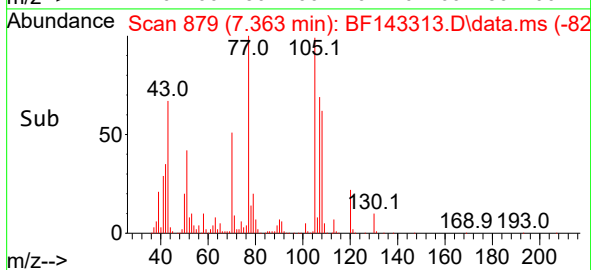
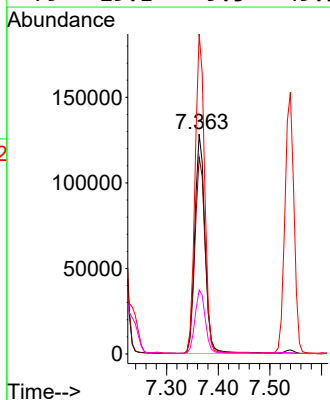
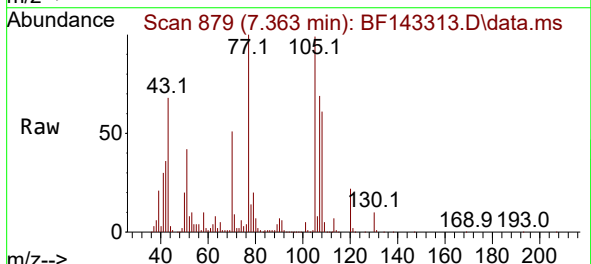
Manual Integrations
APPROVED

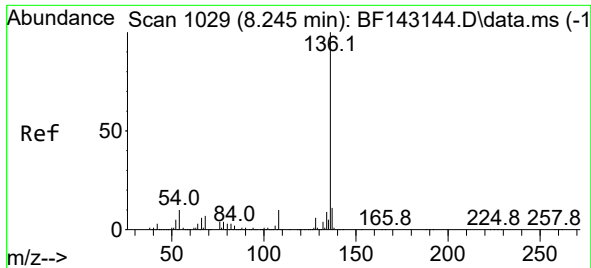
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#20
3+4-Methylphenols
Concen: 19.978 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

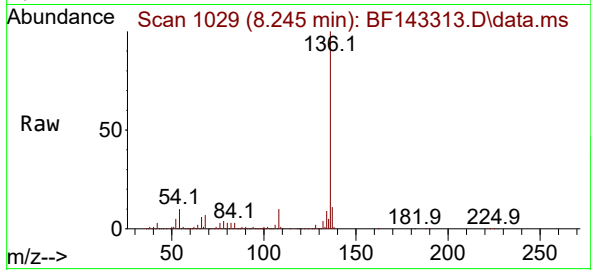
Tgt Ion:107 Resp: 176660
Ion Ratio Lower Upper
107 100
108 89.5 70.0 110.0
77 145.6 57.8 97.8#
79 29.1 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

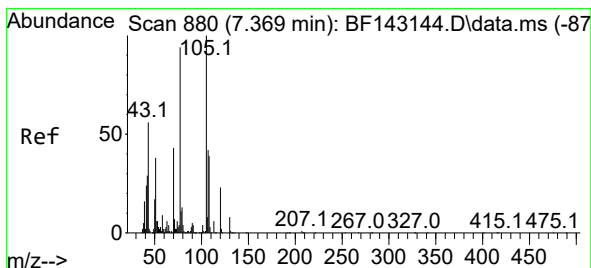
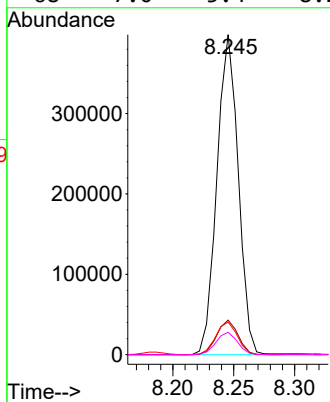
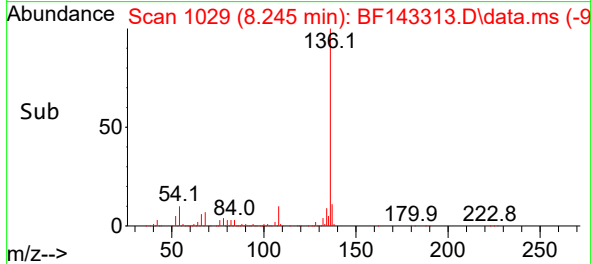
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:136 Resp: 486158
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 7.0 5.4 8.2

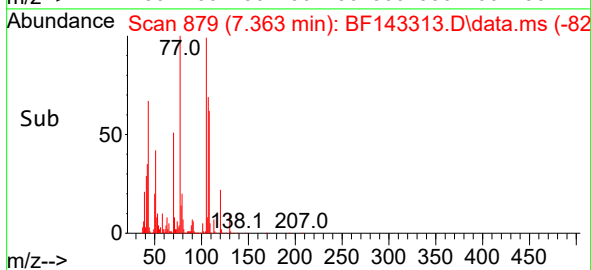
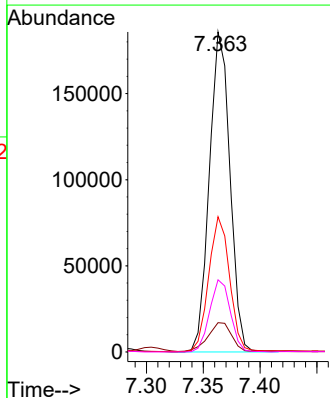
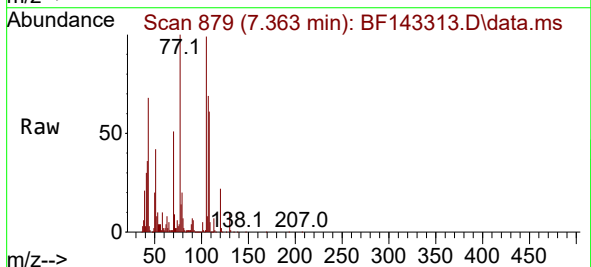
Manual Integrations
APPROVED

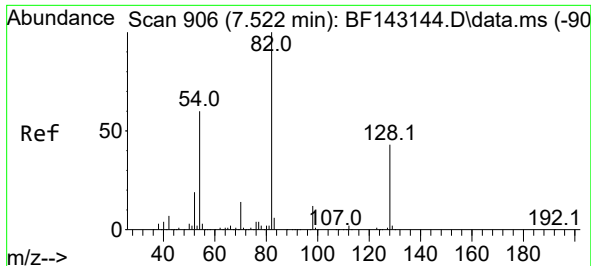
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#22
Acetophenone
Concen: 20.394 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:105 Resp: 234736
Ion Ratio Lower Upper
105 100
71 9.2 5.8 8.6#
51 42.2 30.2 45.2
120 22.5 18.2 27.4





#23

Nitrobenzene-d5

Concen: 28.224 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

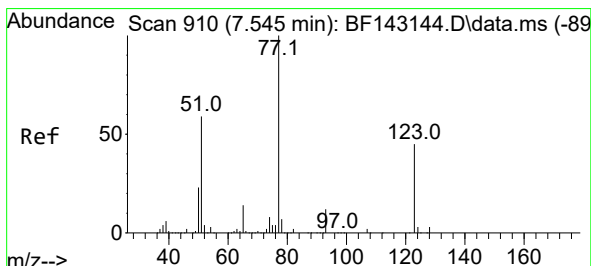
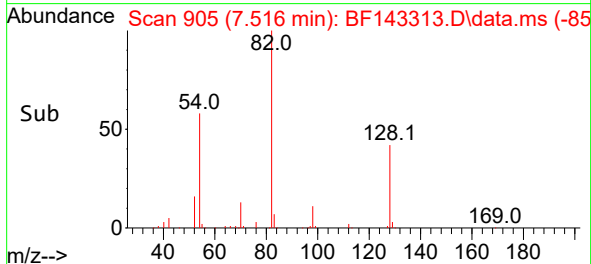
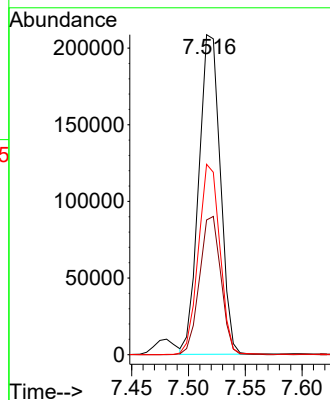
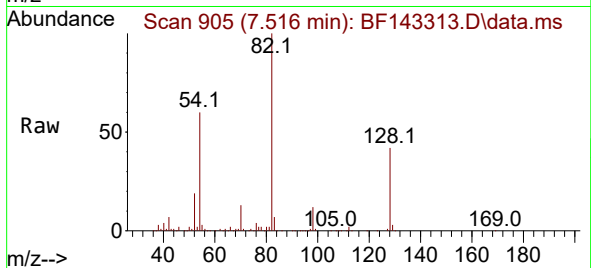
Tgt Ion: 82 Resp: 27527
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.6 50.4
 54 59.5 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#24

Nitrobenzene

Concen: 20.373 ng

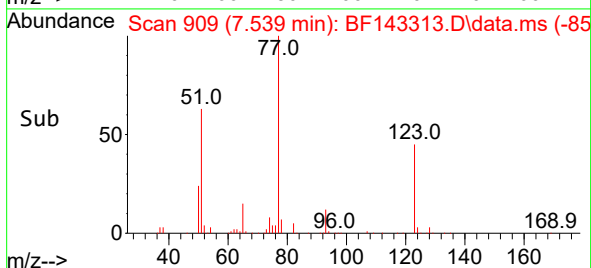
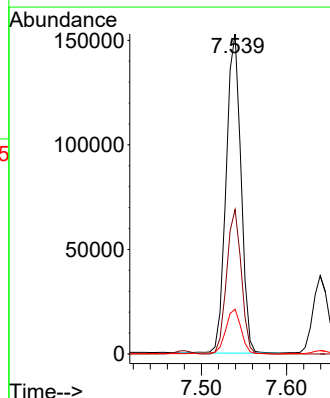
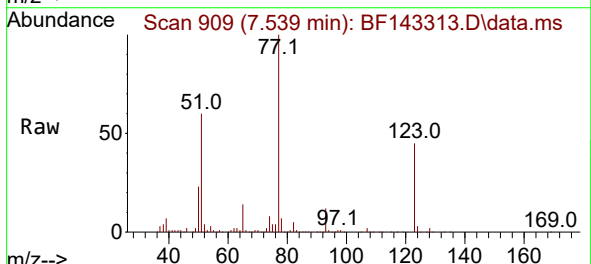
RT: 7.539 min Scan# 909

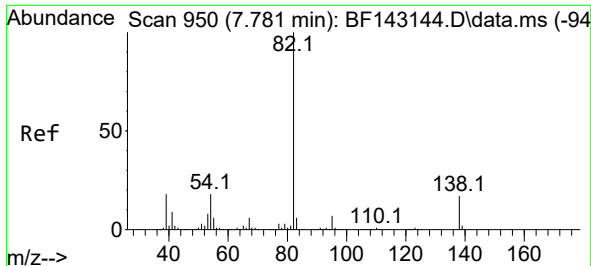
Delta R.T. -0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

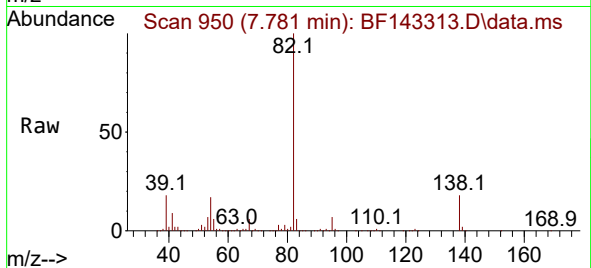
Tgt Ion: 77 Resp: 185250
 Ion Ratio Lower Upper
 77 100
 123 45.2 36.1 54.1
 65 14.0 11.4 17.2





#25
Isophorone
Concen: 20.059 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

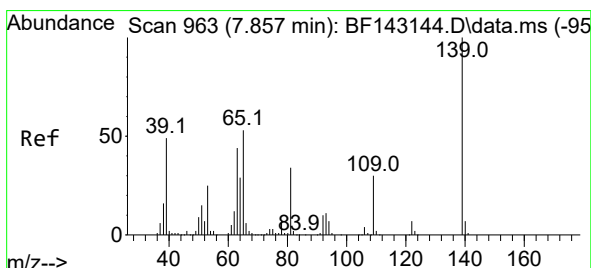
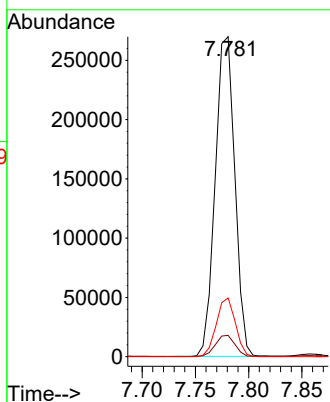
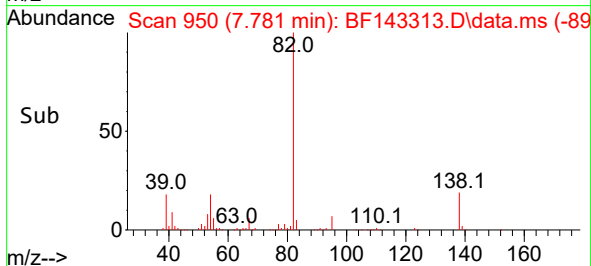
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion: 82 Resp: 34535
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.4 13.8 20.8

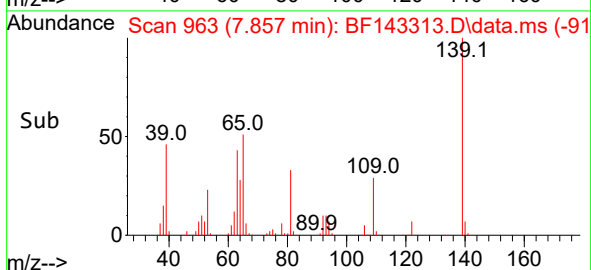
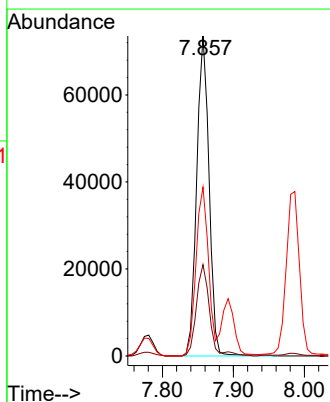
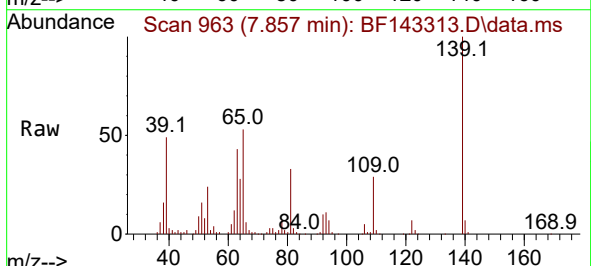
Manual Integrations
APPROVED

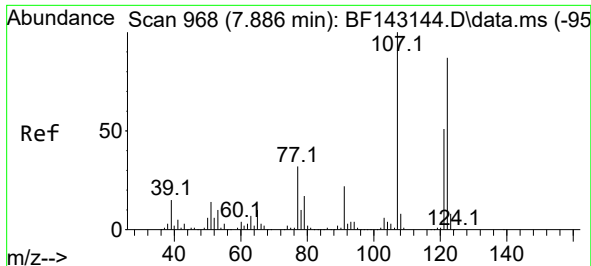
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#26
2-Nitrophenol
Concen: 22.608 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

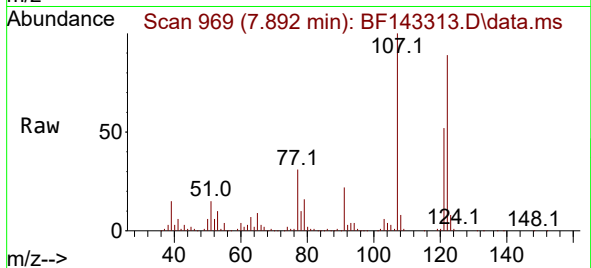
Tgt Ion:139 Resp: 89217
Ion Ratio Lower Upper
139 100
109 28.5 23.6 35.4
65 52.8 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 19.263 ng m
RT: 7.892 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

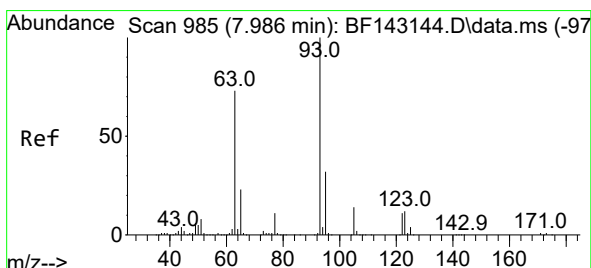
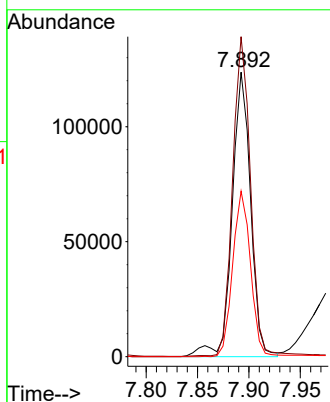
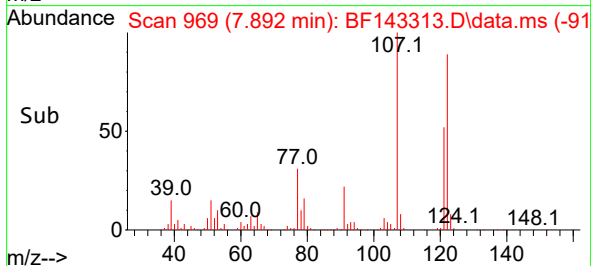
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:122 Resp: 154952
Ion Ratio Lower Upper
122 100
107 112.5 91.8 137.6
121 58.1 46.3 69.5

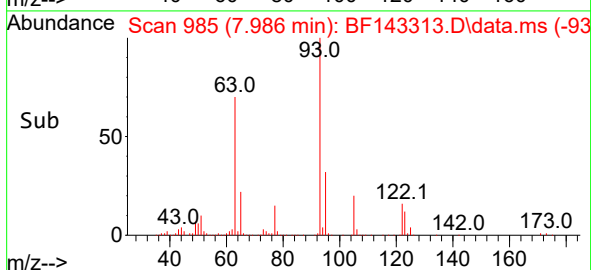
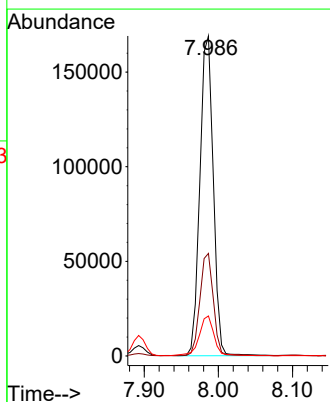
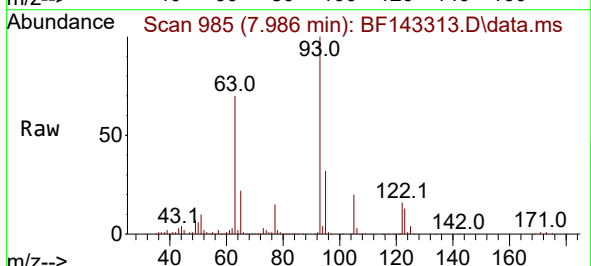
Manual Integrations
APPROVED

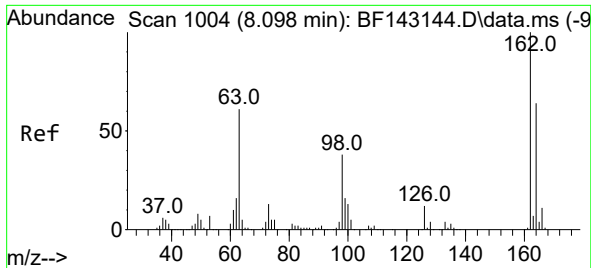
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.505 ng
RT: 7.986 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion: 93 Resp: 211672
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 18.907 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:162 Resp: 128258

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

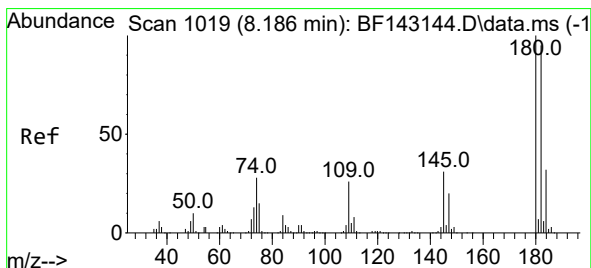
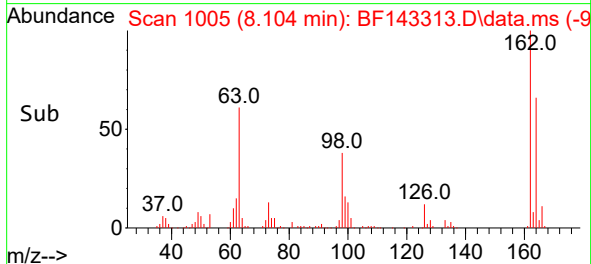
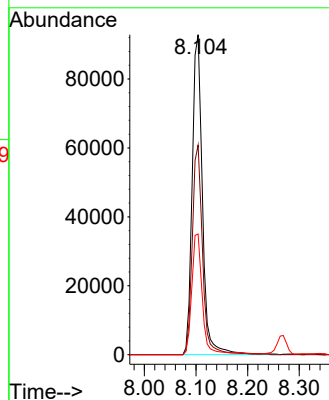
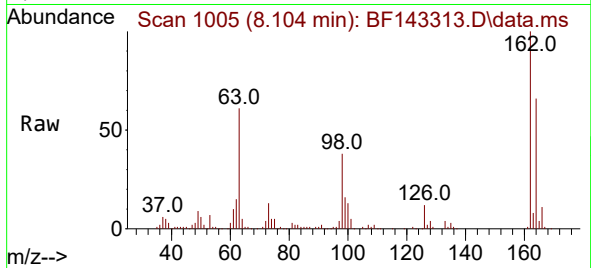
98 37.7 17.9 57.9

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APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.469 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

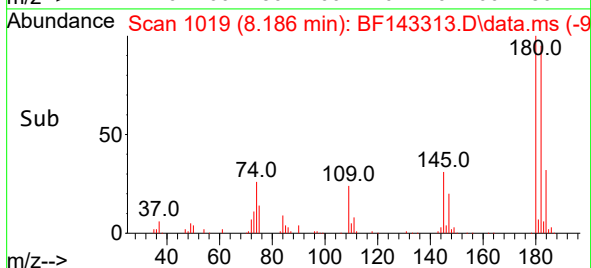
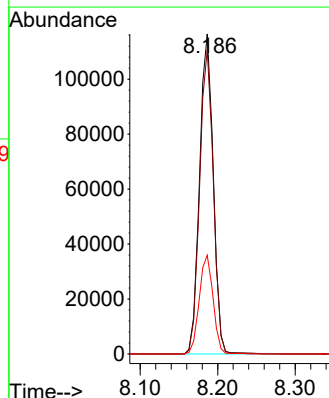
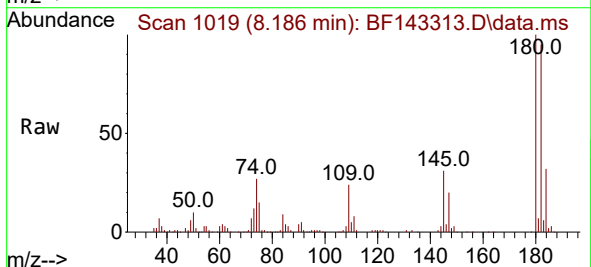
Tgt Ion:180 Resp: 142684

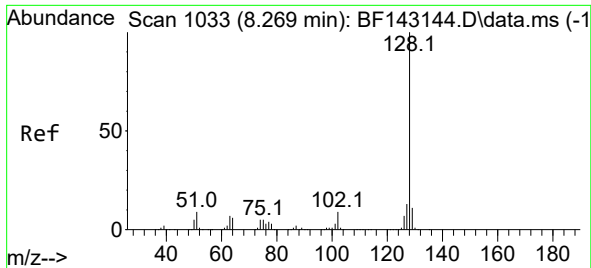
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

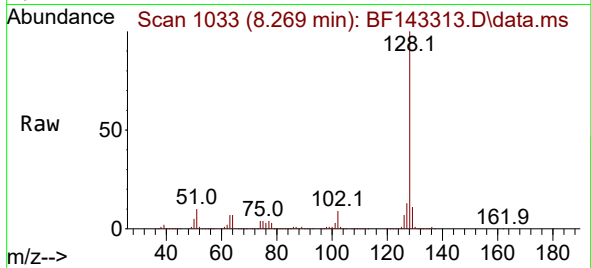
145 30.9 25.0 37.6





#31
Naphthalene
Concen: 19.925 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

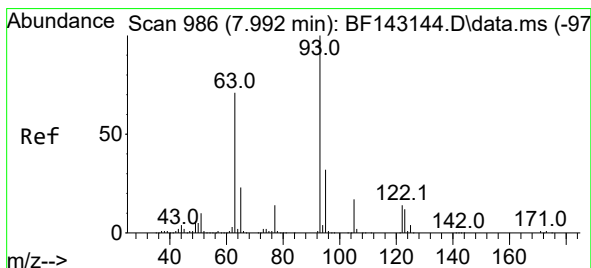
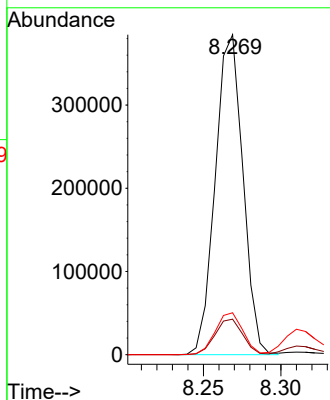
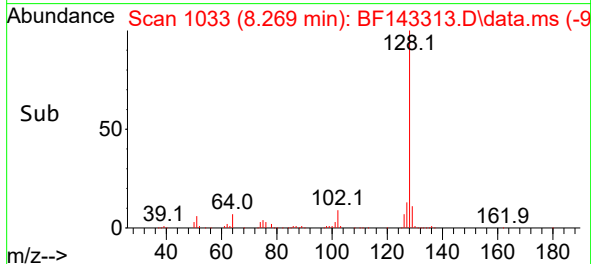
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:128 Resp: 47705
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0

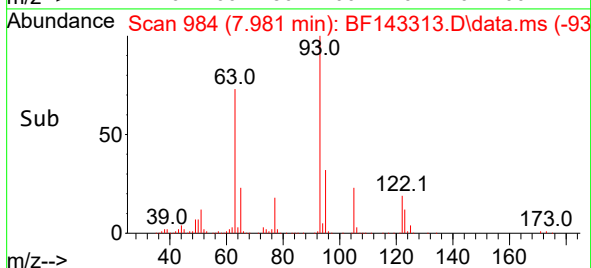
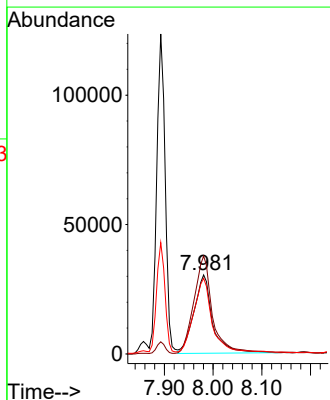
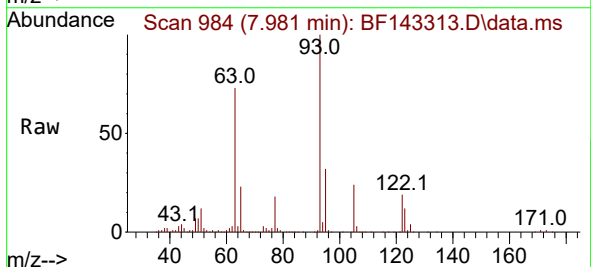
Manual Integrations
APPROVED

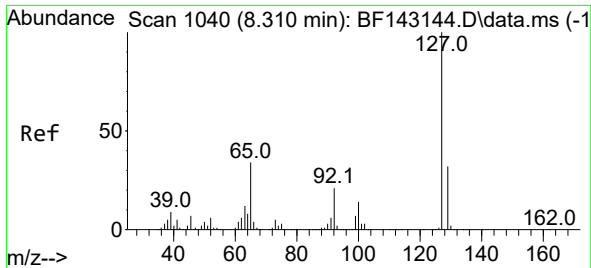
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#32
Benzoic acid
Concen: 21.090 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.011 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:122 Resp: 80819
Ion Ratio Lower Upper
122 100
105 124.0 104.8 144.8
77 95.9 77.6 117.6





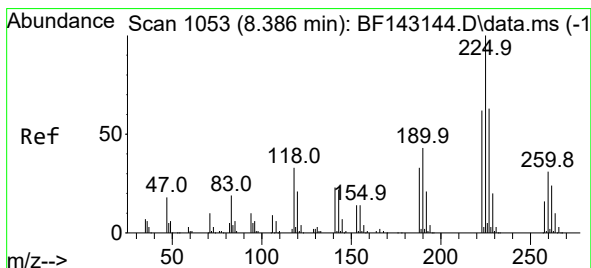
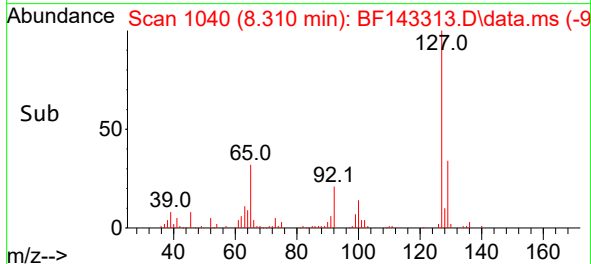
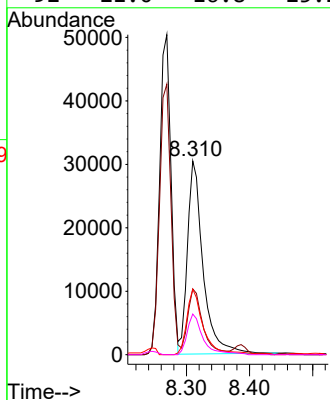
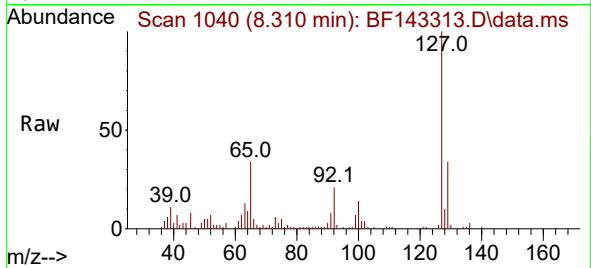
#33
4-Chloroaniline
Concen: 5.358 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.0	39.0
65	33.7	27.4	41.2
92	21.0	16.8	25.2

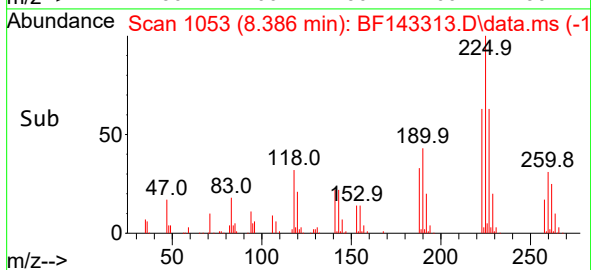
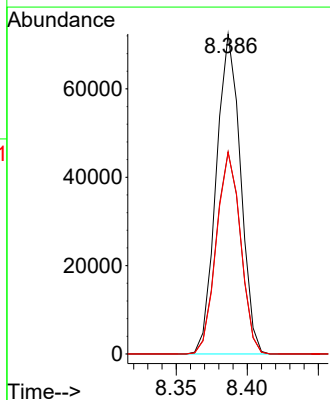
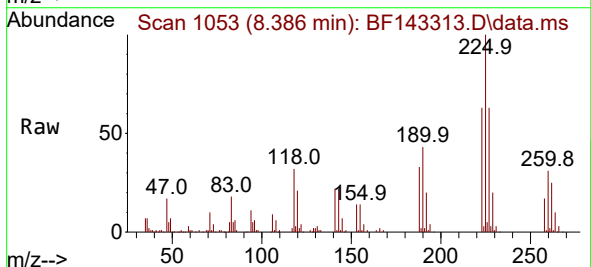
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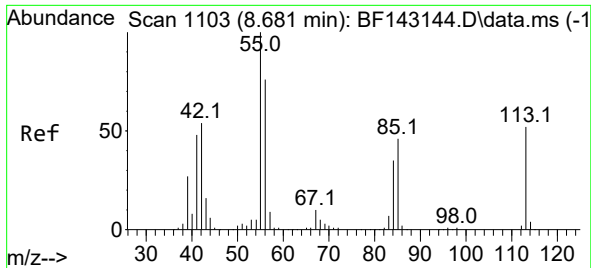
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#34
Hexachlorobutadiene
Concen: 19.202 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	63.0	50.2	75.4





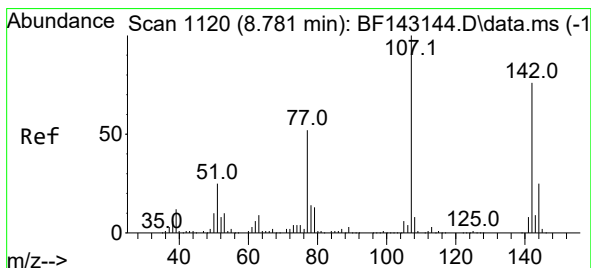
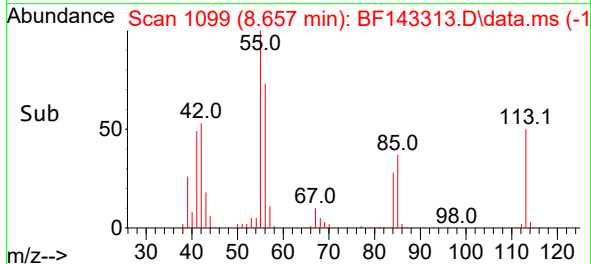
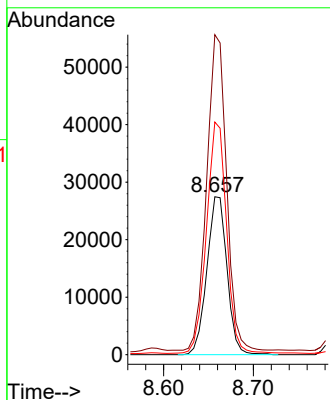
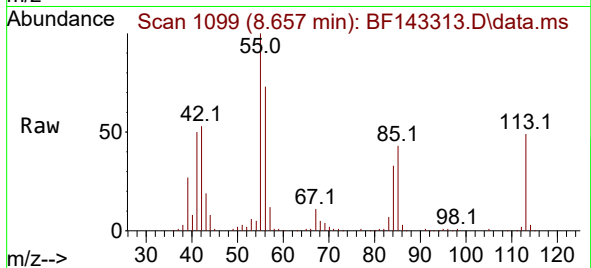
#35
 Caprolactam
 Concen: 20.861 ng
 RT: 8.657 min Scan# 1103
 Delta R.T. -0.024 min
 Lab File: BF143313.D
 Acq: 05 Aug 2025 13:59

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MS

Tgt Ion:113 Resp: 42764
 Ion Ratio Lower Upper
 113 100
 55 202.6 174.0 214.0
 56 147.3 126.6 166.6

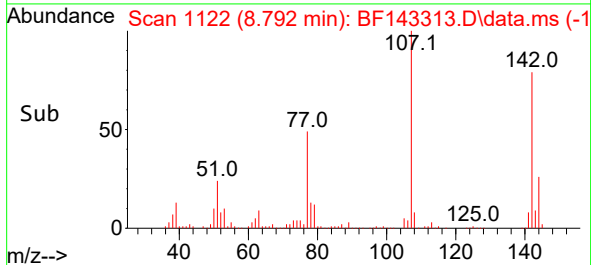
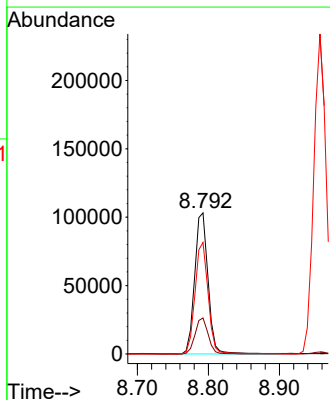
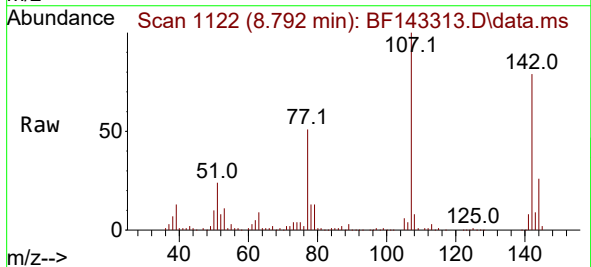
Manual Integrations
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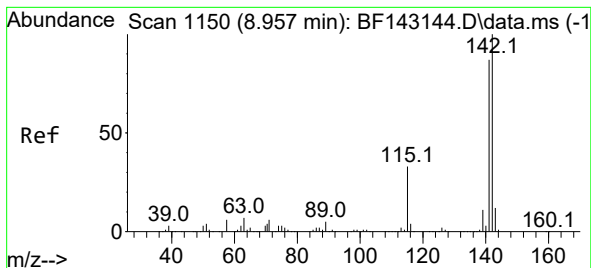
Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025



#36
 4-Chloro-3-methylphenol
 Concen: 18.399 ng
 RT: 8.792 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF143313.D
 Acq: 05 Aug 2025 13:59

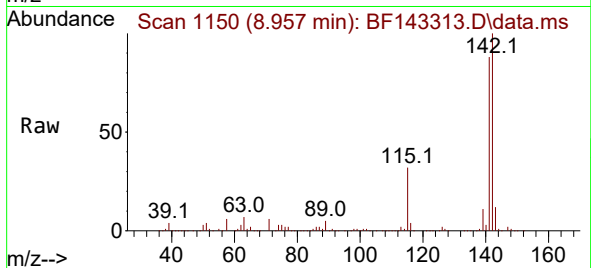
Tgt Ion:107 Resp: 135660
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 79.0 60.6 90.8





#37
2-Methylnaphthalene
Concen: 19.557 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

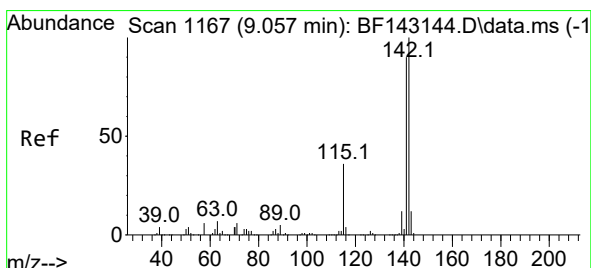
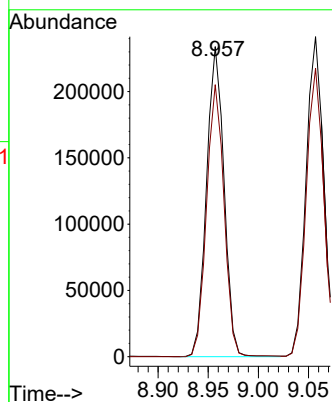
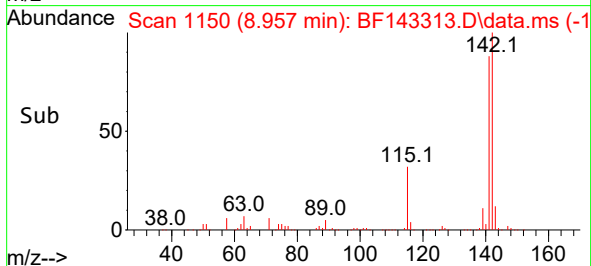
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



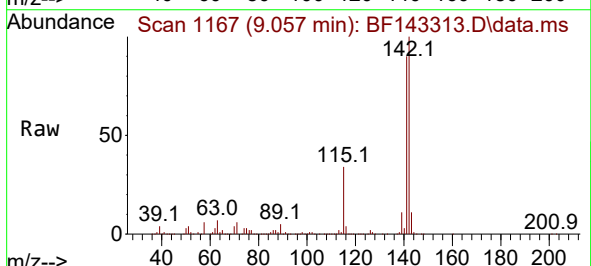
Tgt Ion:142 Resp: 284935
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

Manual Integrations
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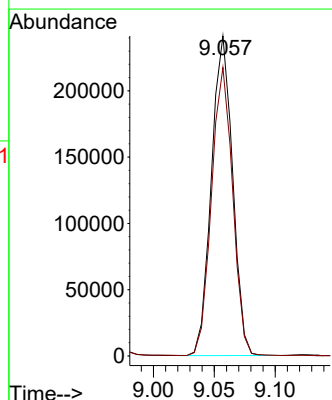
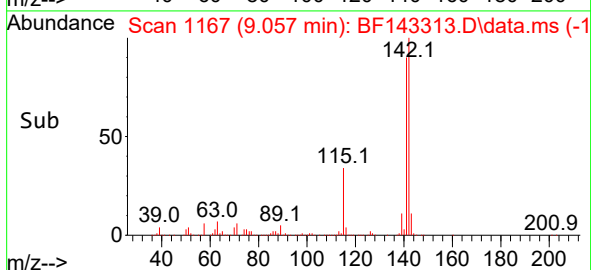
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

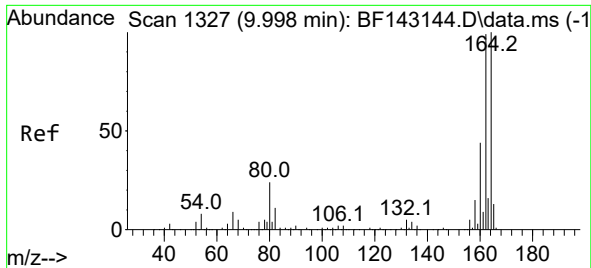


#38
1-Methylnaphthalene
Concen: 19.489 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



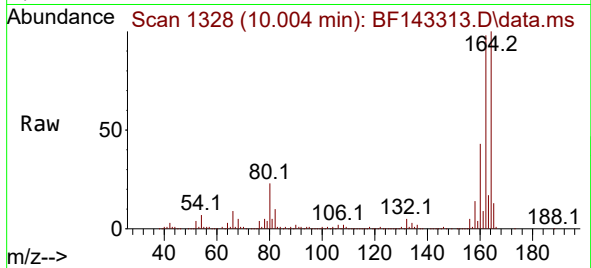
Tgt Ion:142 Resp: 292390
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

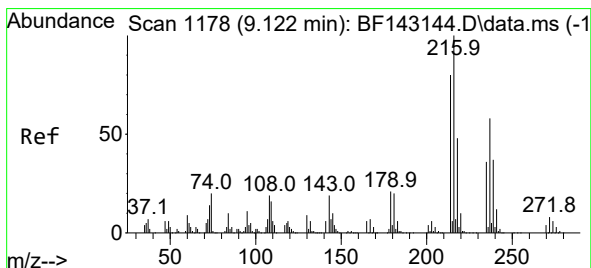
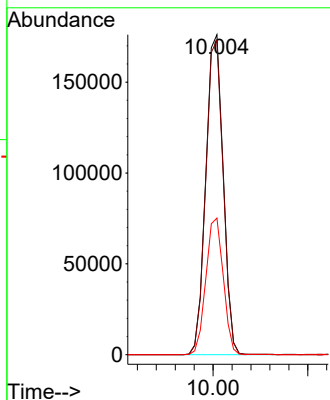
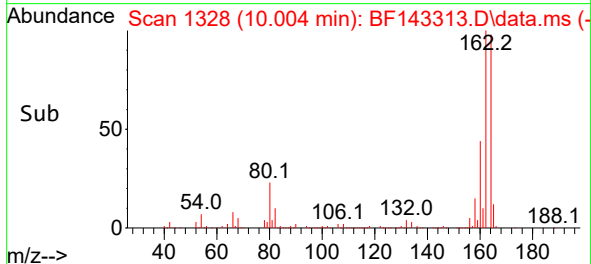
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:164 Resp: 224868
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 42.7 35.1 52.7

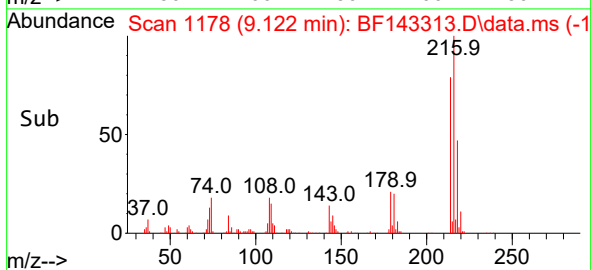
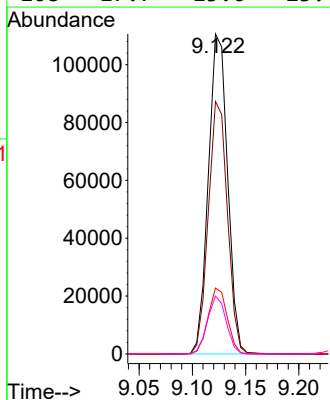
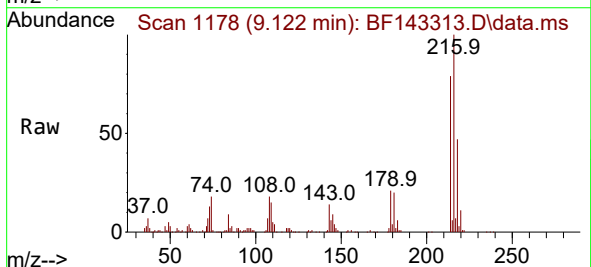
Manual Integrations
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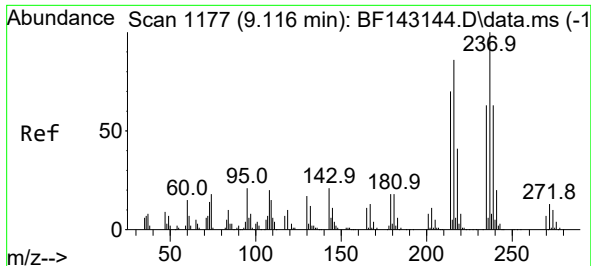
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.467 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

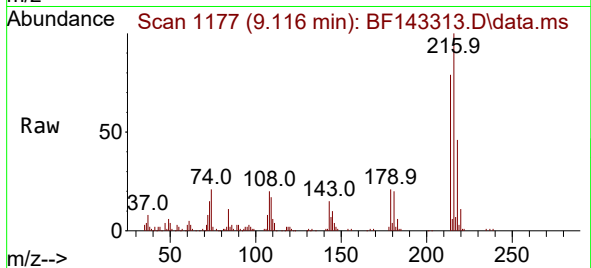
Tgt Ion:216 Resp: 139365
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.8
179 20.4 16.4 24.6
108 17.7 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 0.207 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

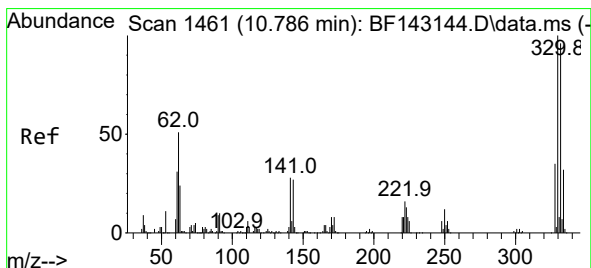
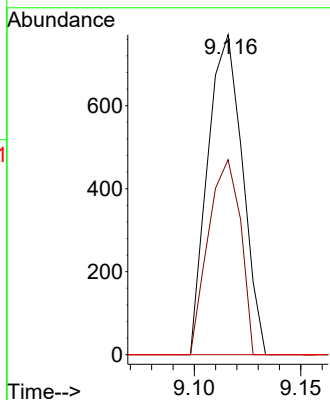
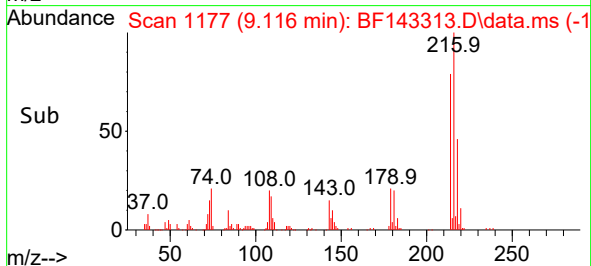
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



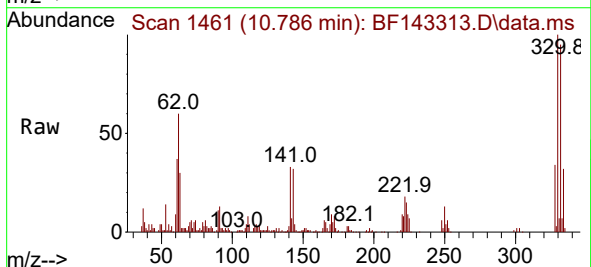
Tgt Ion:237 Resp: 87
Ion Ratio Lower Upper
237 100
235 61.0 43.0 83.0
272 0.0 0.0 33.3

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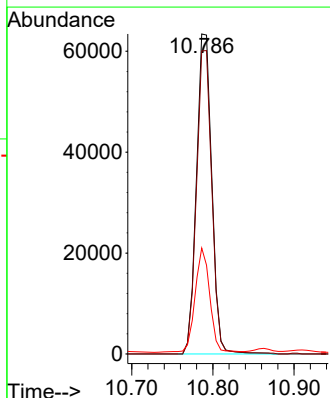
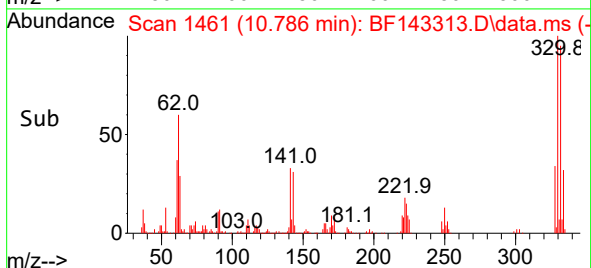
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

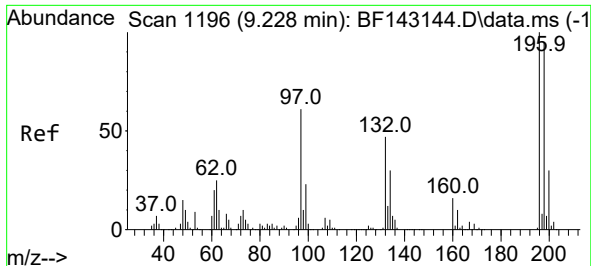


#42
2,4,6-Tribromophenol
Concen: 35.934 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



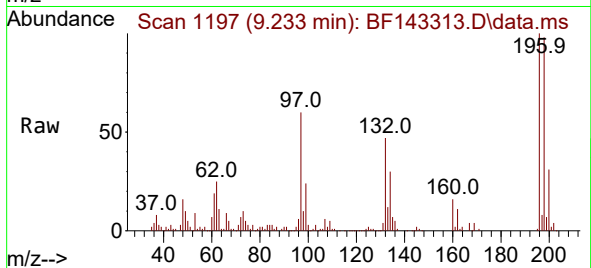
Tgt Ion:330 Resp: 83476
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 31.3 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 18.844 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

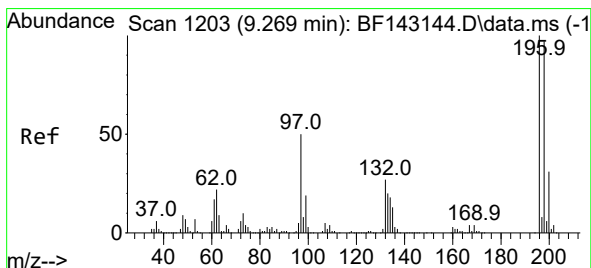
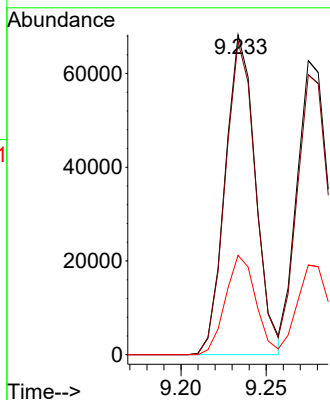
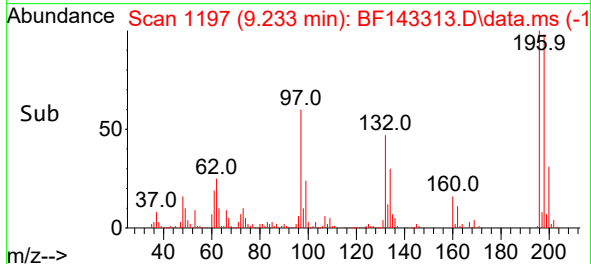
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



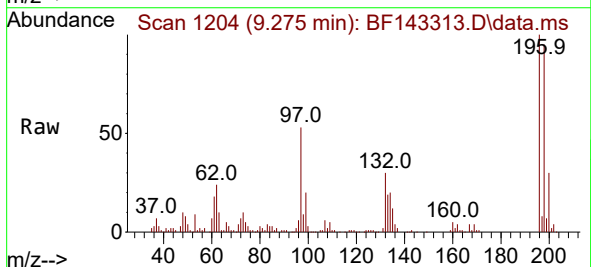
Tgt Ion:196 Resp: 84670
Ion Ratio Lower Upper
196 100
198 97.9 76.2 114.2
200 31.1 23.9 35.9

Manual Integrations
APPROVED

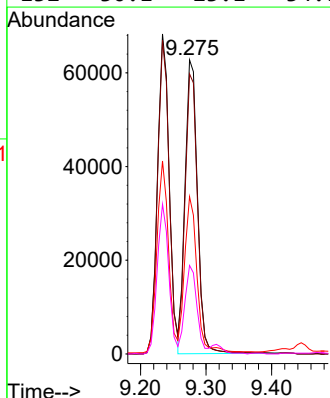
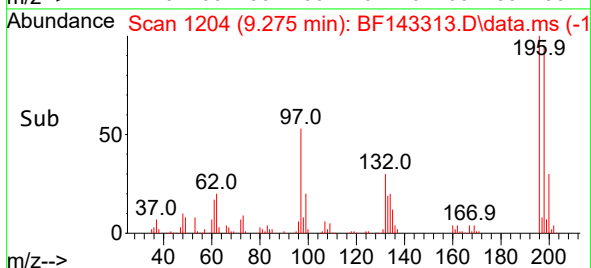
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

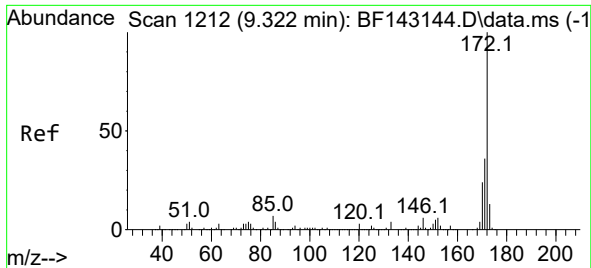


#44
2,4,5-Trichlorophenol
Concen: 18.388 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



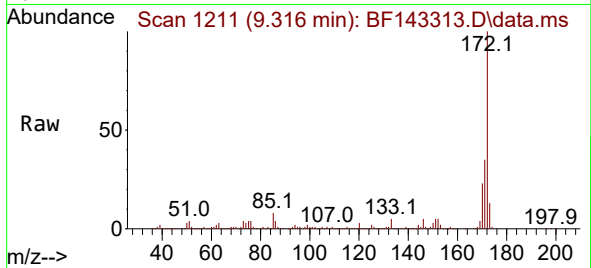
Tgt Ion:196 Resp: 82644
Ion Ratio Lower Upper
196 100
198 95.2 77.3 115.9
97 53.5 40.3 60.5
132 30.1 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 29.488 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

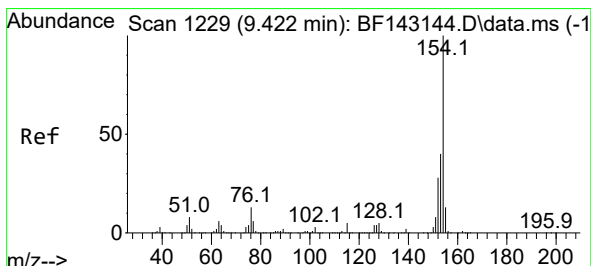
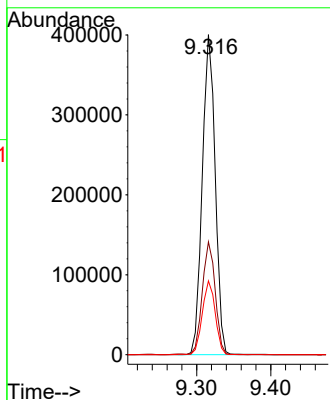
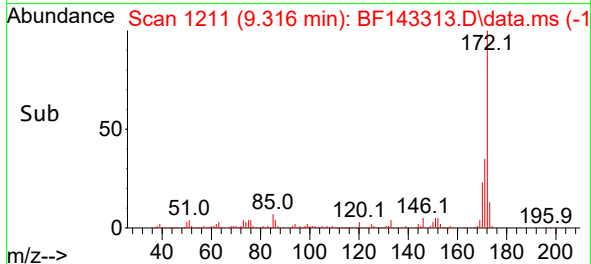
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:172 Resp: 484848
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.1 18.8 28.2

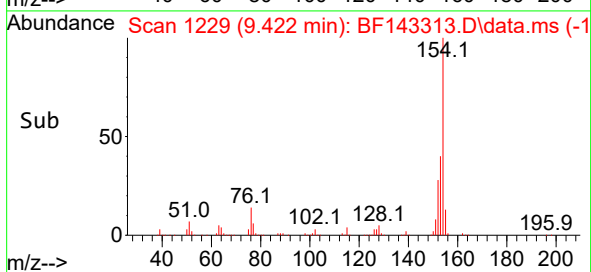
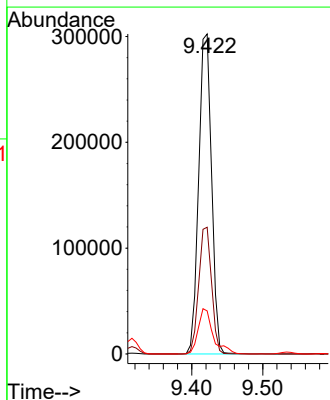
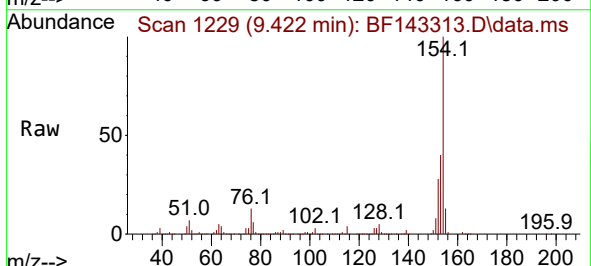
Manual Integrations
APPROVED

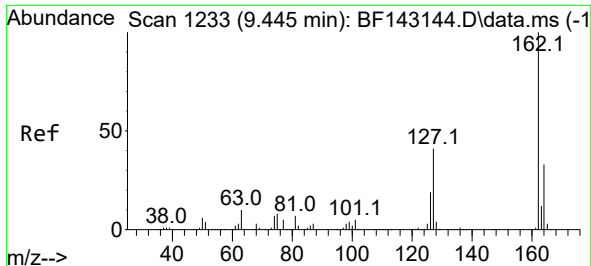
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#46
1,1'-Biphenyl
Concen: 21.795 ng
RT: 9.422 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:154 Resp: 382379
Ion Ratio Lower Upper
154 100
153 39.6 20.3 60.3
76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 20.244 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

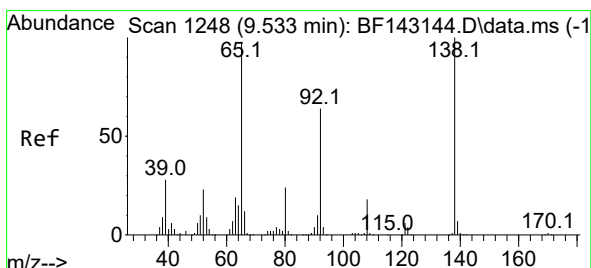
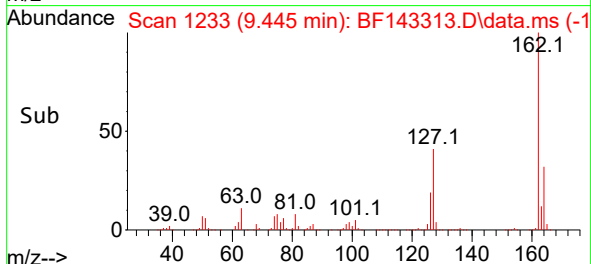
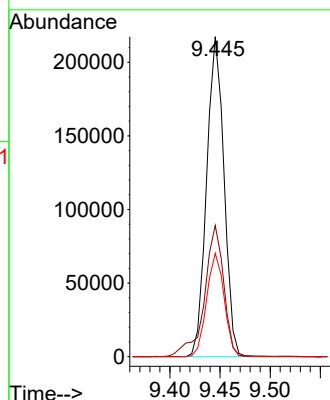
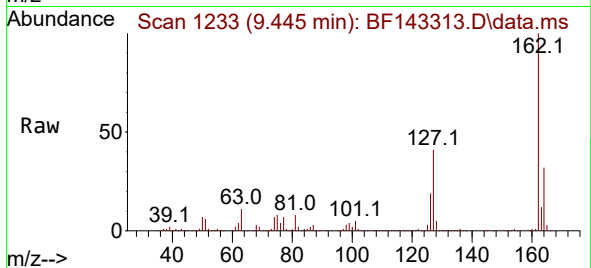
Tgt Ion:	162	Resp:	26279
Ion Ratio	Lower	Upper	
162	100		
127	41.0	33.4	50.2
164	32.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#48

2-Nitroaniline

Concen: 21.653 ng

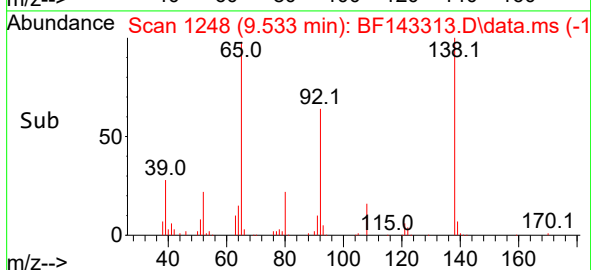
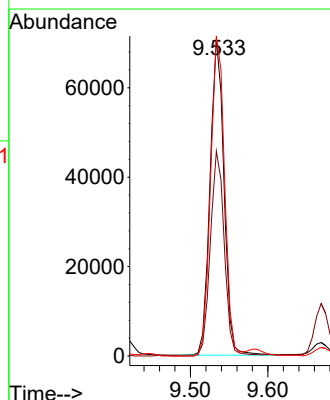
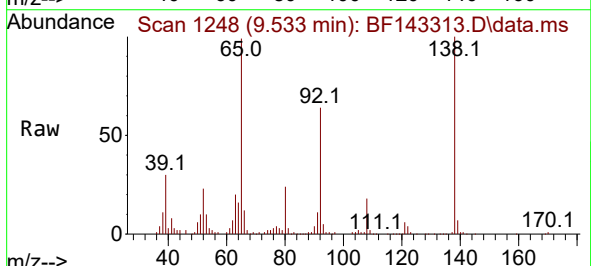
RT: 9.533 min Scan# 1248

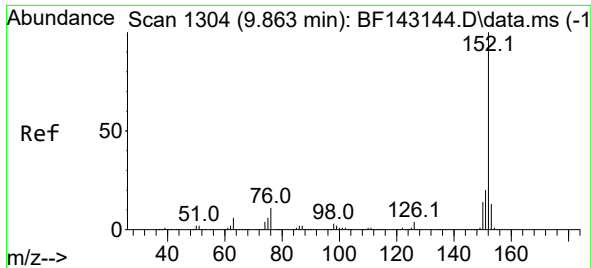
Delta R.T. 0.000 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

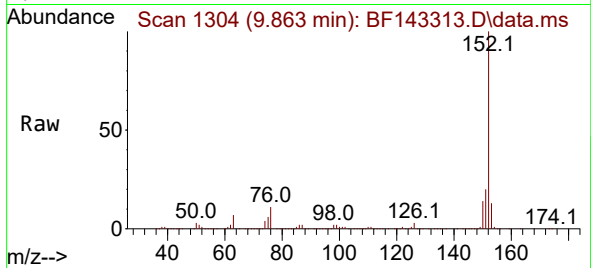
Tgt Ion:	65	Resp:	88146
Ion Ratio	Lower	Upper	
65	100		
92	64.6	52.4	78.6
138	100.9	82.3	123.5





#49
Acenaphthylene
Concen: 19.781 ng
RT: 9.863 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

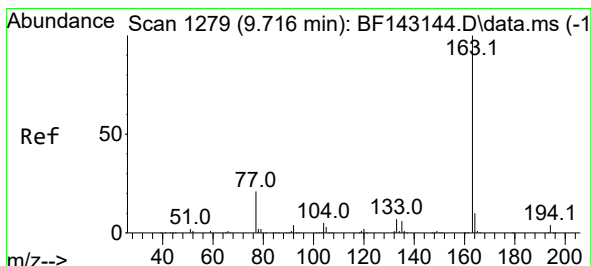
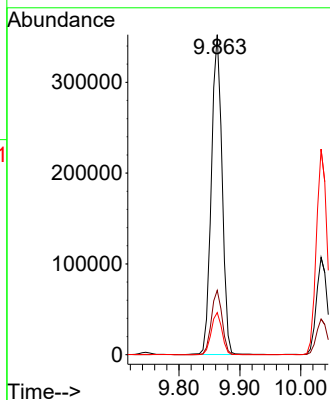
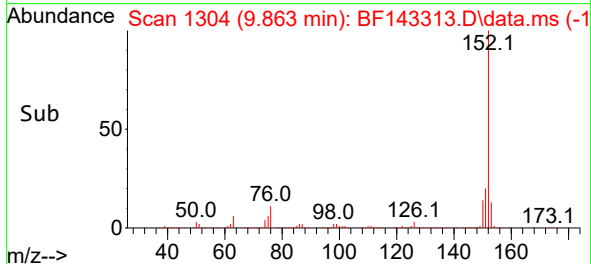
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



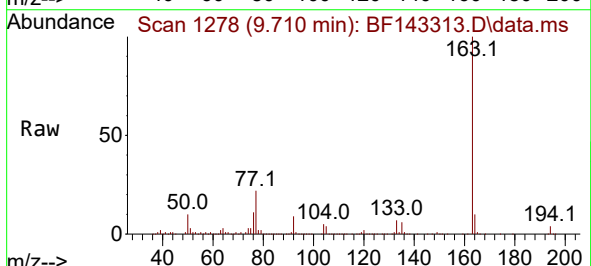
Tgt Ion:152 Resp: 43032
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.6 16.0

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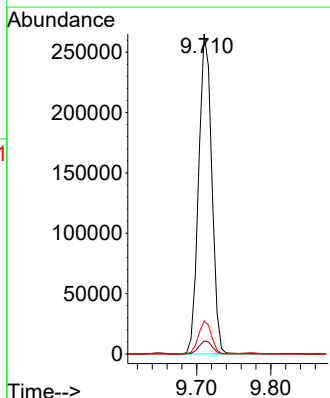
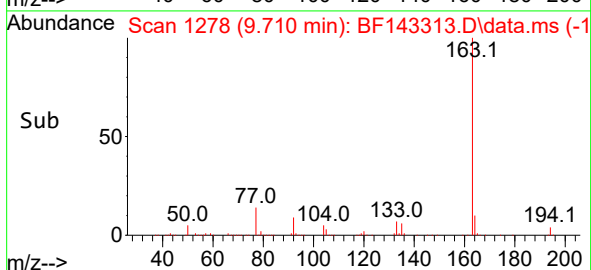
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

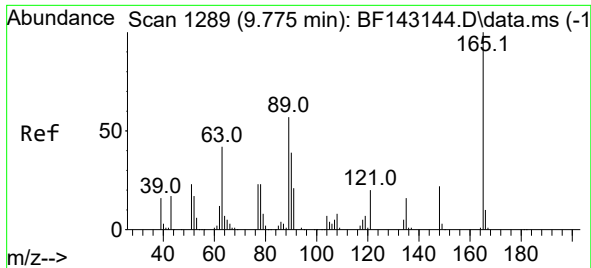


#50
Dimethylphthalate
Concen: 22.245 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



Tgt Ion:163 Resp: 326052
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.3 12.5





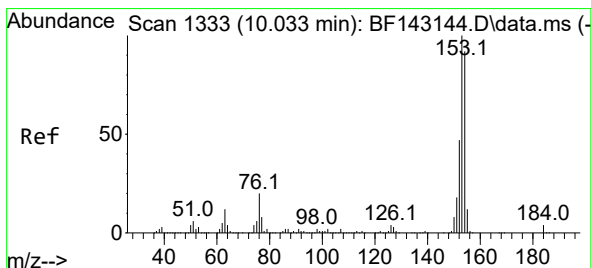
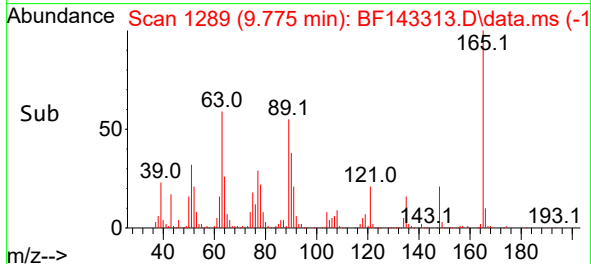
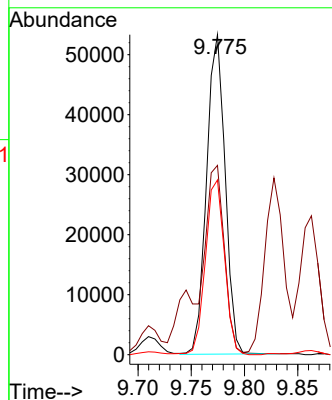
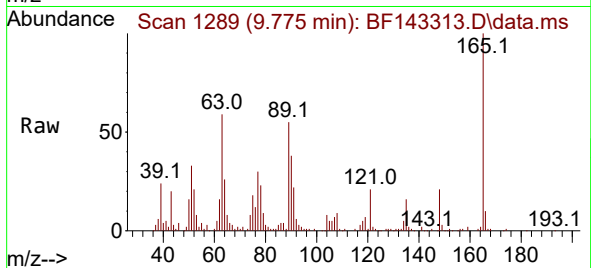
#51
2,6-Dinitrotoluene
Concen: 21.671 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion:165 Resp: 64618
Ion Ratio Lower Upper
165 100
63 59.2 49.4 74.2
89 54.6 46.2 69.2

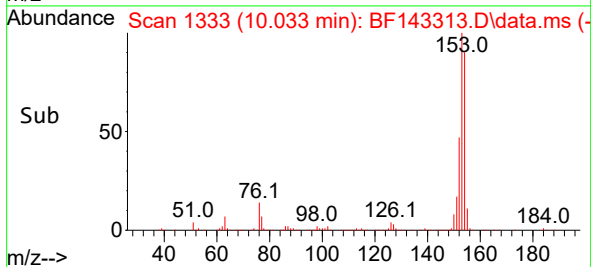
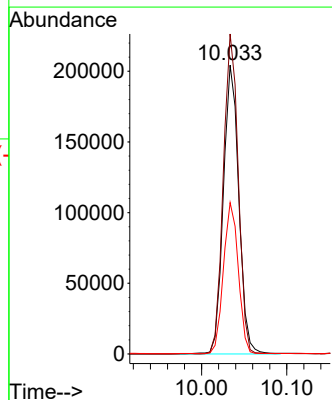
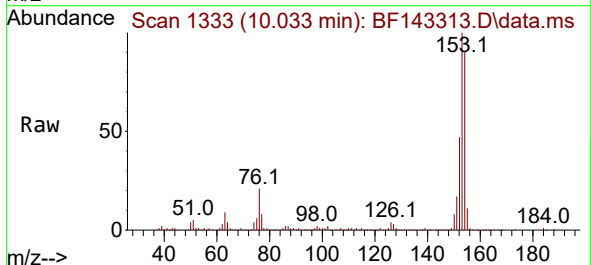
Manual Integrations
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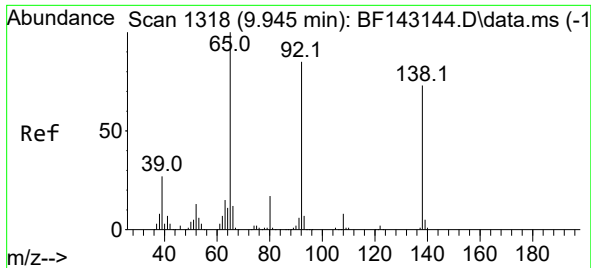
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#52
Acenaphthene
Concen: 20.035 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:154 Resp: 257617
Ion Ratio Lower Upper
154 100
153 110.8 86.6 129.8
152 52.4 40.4 60.6





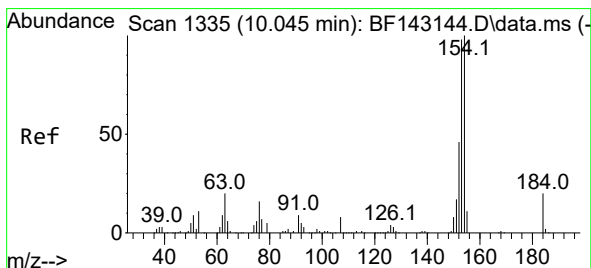
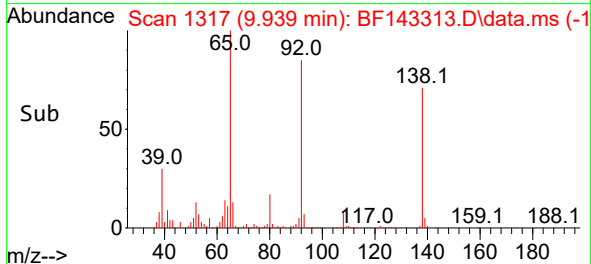
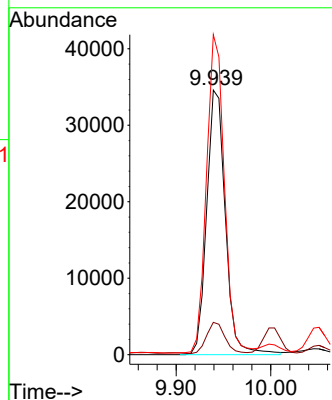
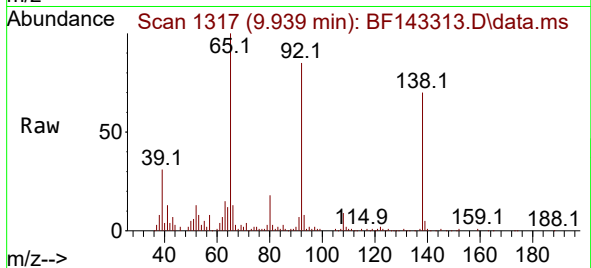
#53
3-Nitroaniline
Concen: 13.560 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion:138 Resp: 4729
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.6
92 120.9 93.0 139.4

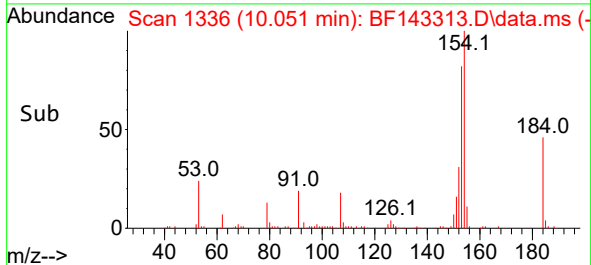
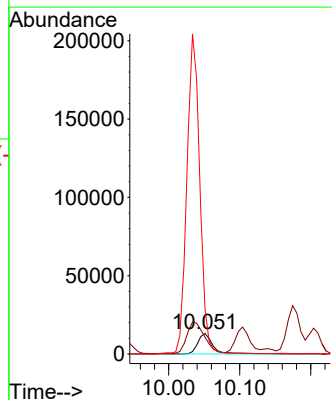
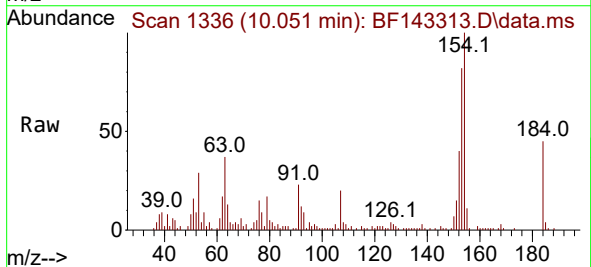
Manual Integrations
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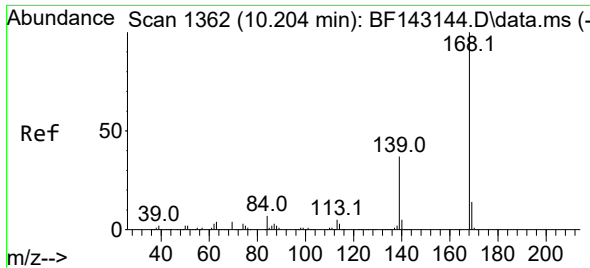
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#54
2,4-Dinitrophenol
Concen: 19.684 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

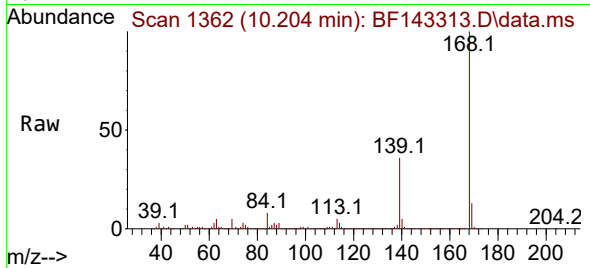
Tgt Ion:184 Resp: 19195
Ion Ratio Lower Upper
184 100
63 82.1 81.8 122.6
154 221.0 412.2 618.4#





#55
Dibenzenofuran
Concen: 19.428 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

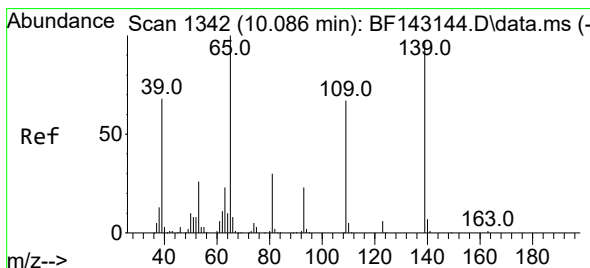
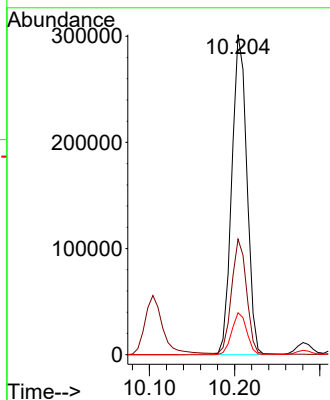
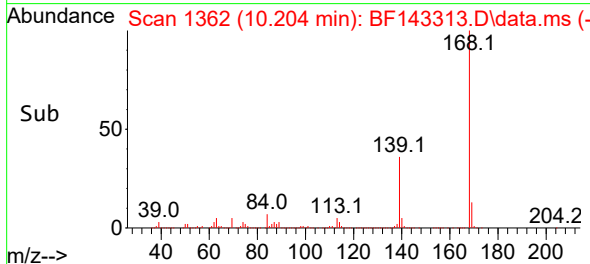
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



Tgt Ion:168 Resp: 37087
Ion Ratio Lower Upper
168 100
139 36.1 29.5 44.3
169 13.1 10.9 16.3

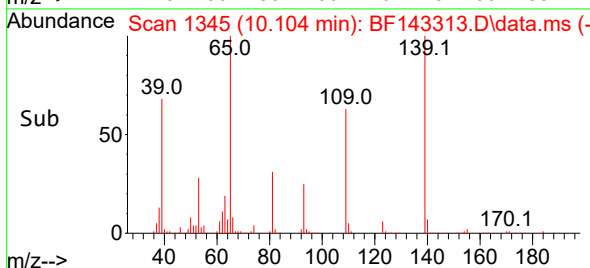
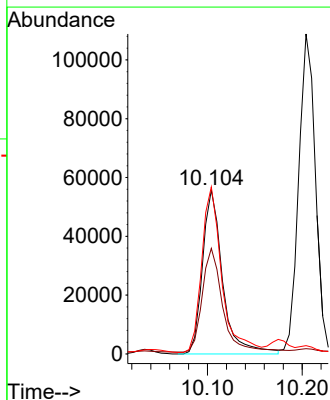
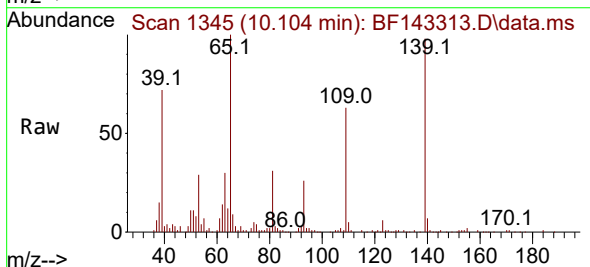
Manual Integrations
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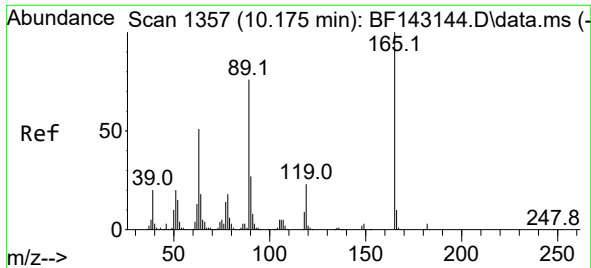
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#56
4-Nitrophenol
Concen: 31.613 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Tgt Ion:139 Resp: 82334
Ion Ratio Lower Upper
139 100
109 64.4 48.5 88.5
65 101.9 83.4 123.4





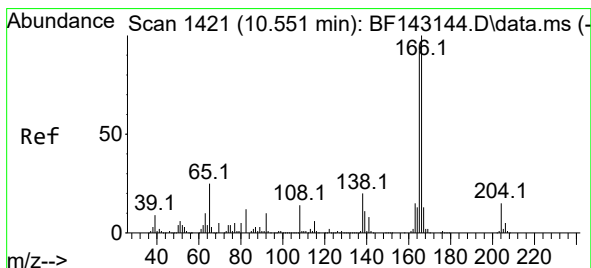
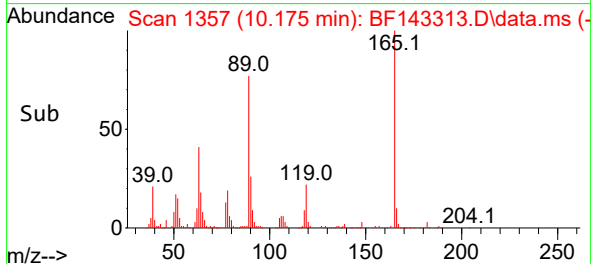
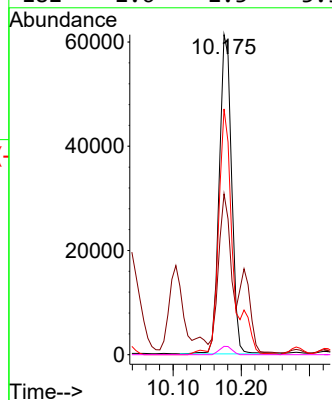
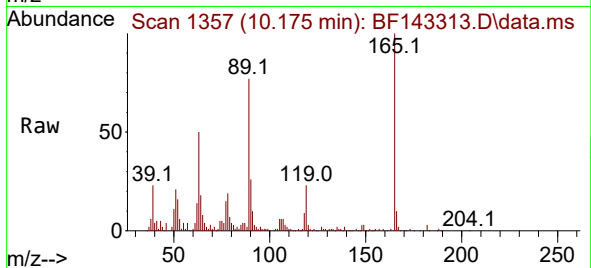
#57
2,4-Dinitrotoluene
Concen: 20.686 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion:165 Resp: 77385
Ion Ratio Lower Upper
165 100
63 50.2 41.0 61.4
89 76.8 61.1 91.7
182 2.6 2.3 3.5

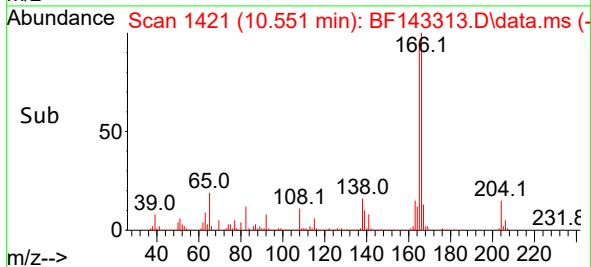
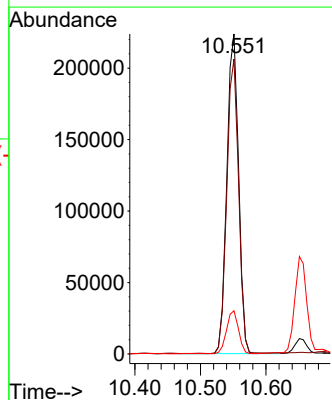
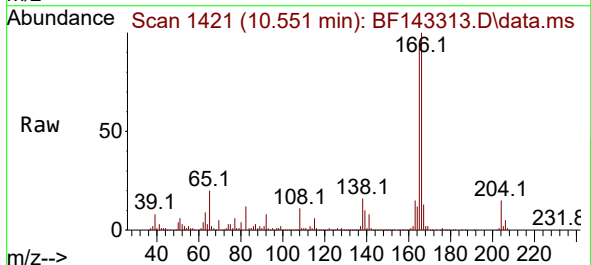
Manual Integrations
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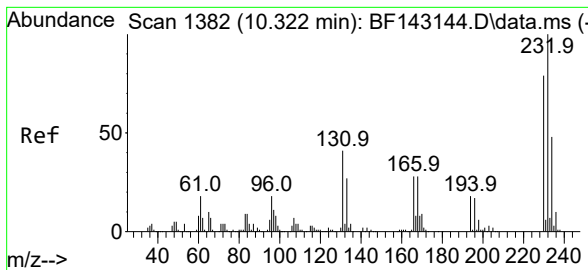
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#58
Fluorene
Concen: 19.385 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

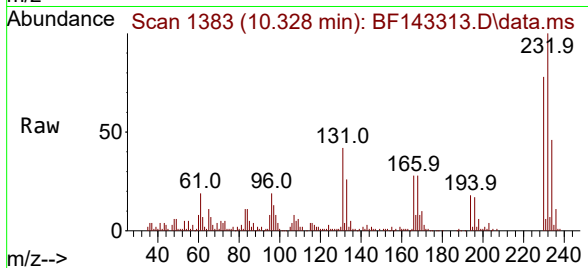
Tgt Ion:166 Resp: 277735
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 16.922 ng
RT: 10.328 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

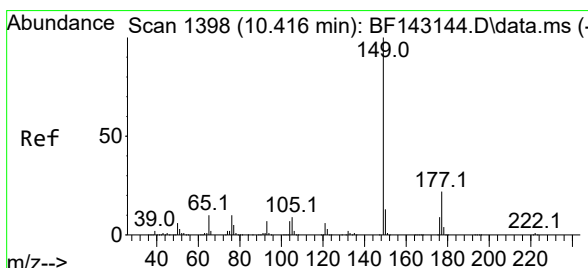
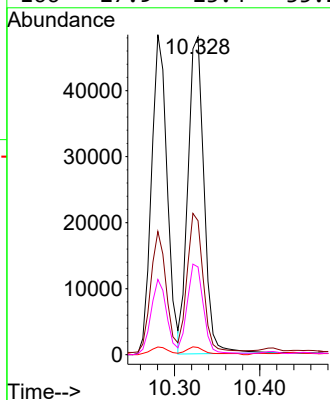
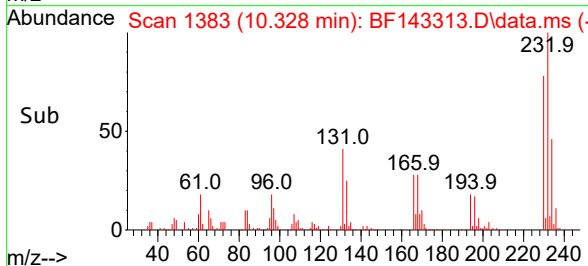
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



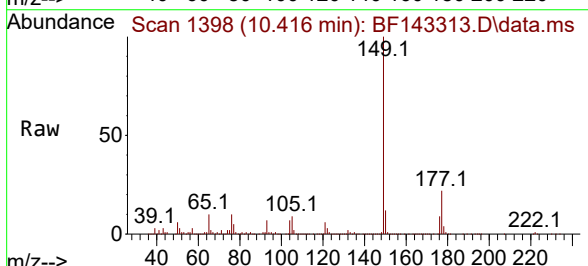
Tgt Ion:232 Resp: 63002
Ion Ratio Lower Upper
232 100
131 42.5 35.3 52.9
130 2.1 1.7 2.5
166 27.9 23.4 35.2

Manual Integrations
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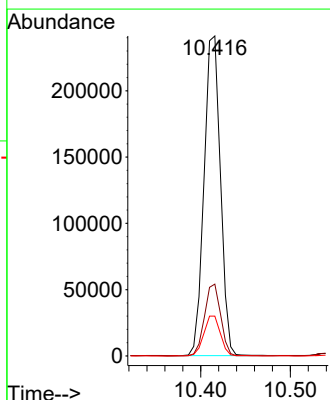
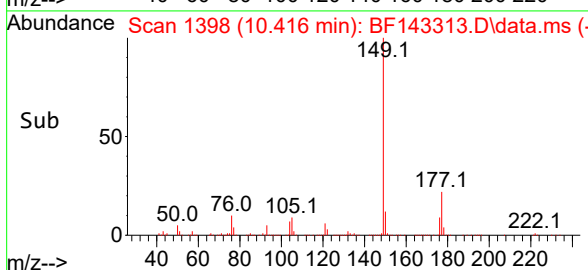
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

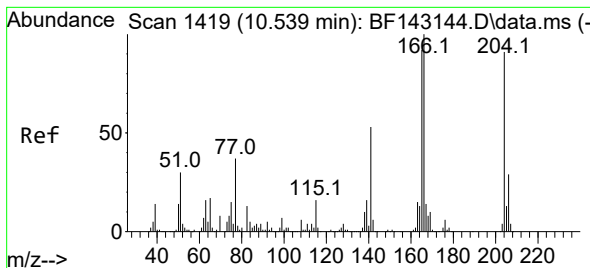


#60
Diethylphthalate
Concen: 21.081 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



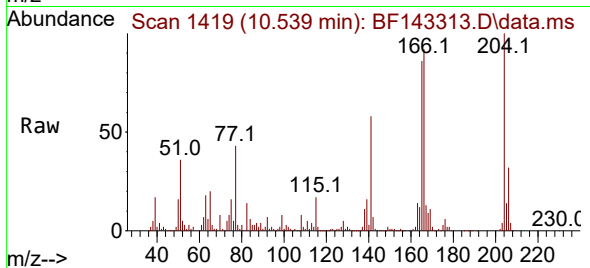
Tgt Ion:149 Resp: 305410
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 19.567 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

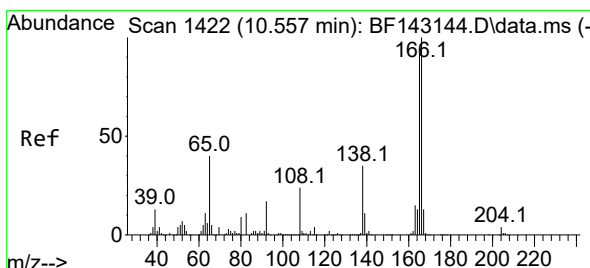
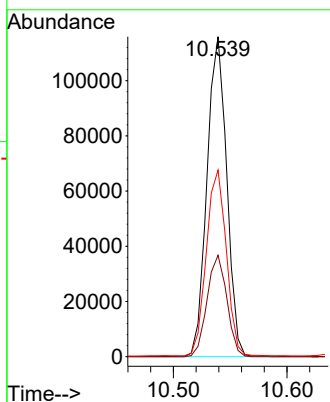
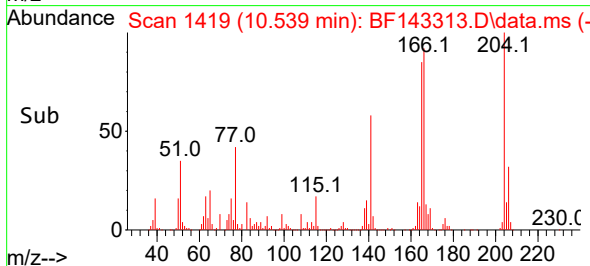
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



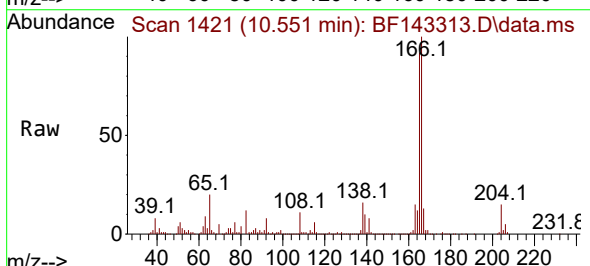
Tgt Ion:204 Resp: 139599
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.8
141 58.3 47.0 70.4

Manual Integrations
APPROVED

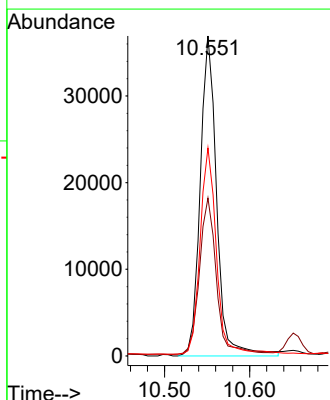
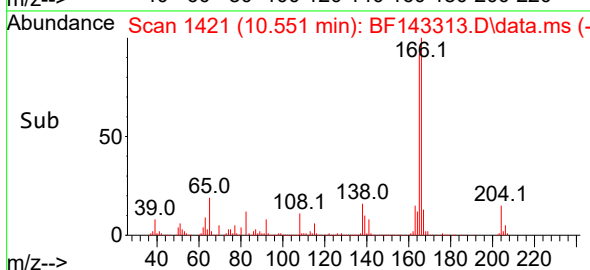
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

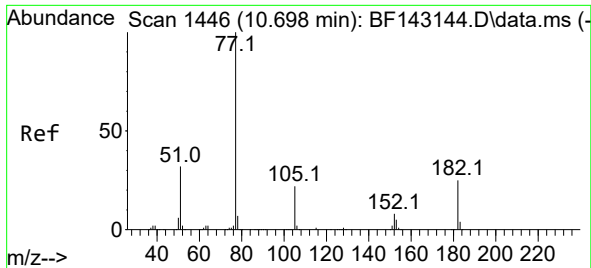


#62
4-Nitroaniline
Concen: 16.608 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



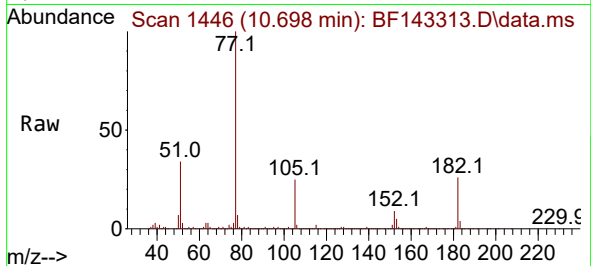
Tgt Ion:138 Resp: 49643
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 65.0 48.3 88.3





#63
Azobenzene
Concen: 19.564 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

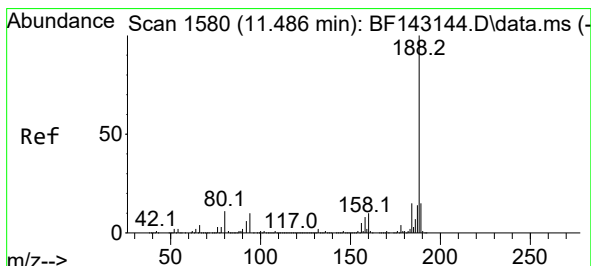
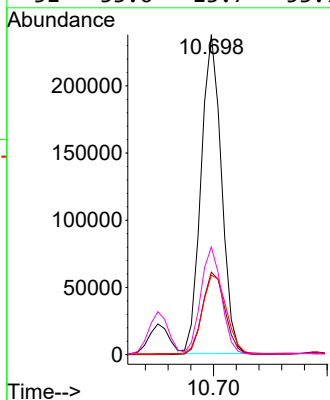
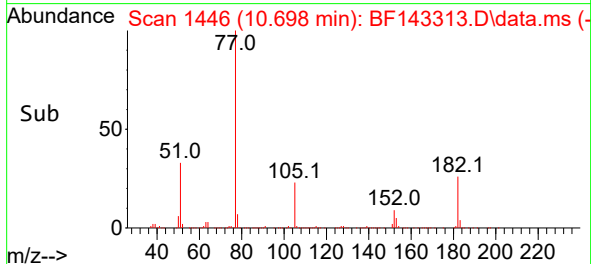
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



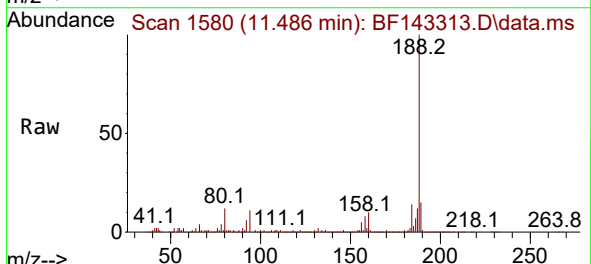
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.6	44.6
105	24.8	1.4	41.4
51	33.6	13.7	53.7

Manual Integrations
APPROVED

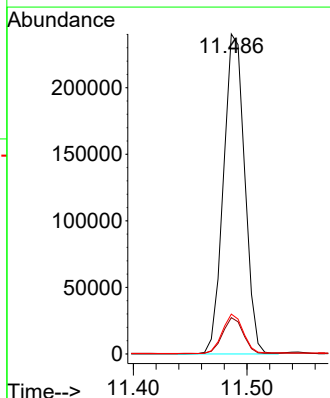
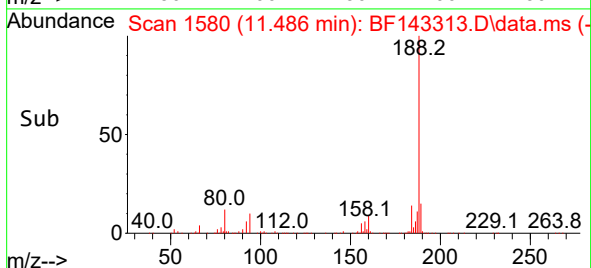
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

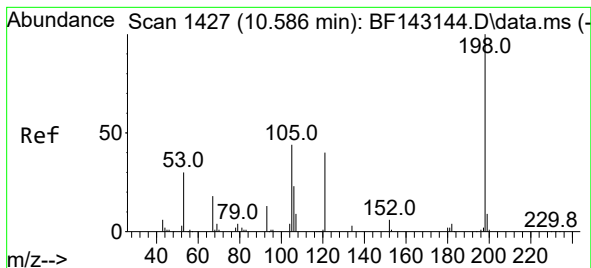


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.4	9.0	13.6





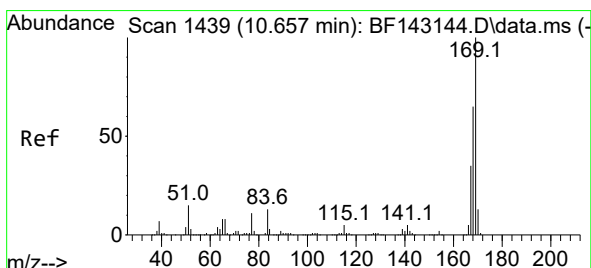
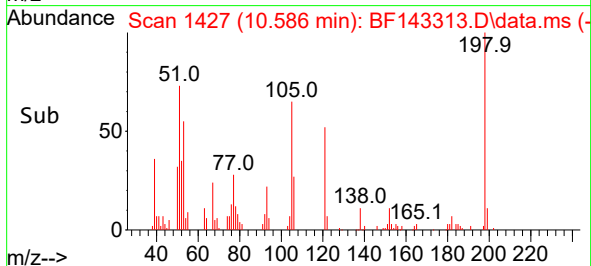
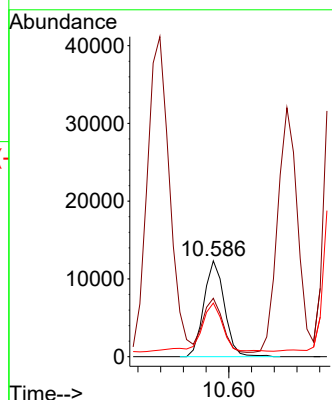
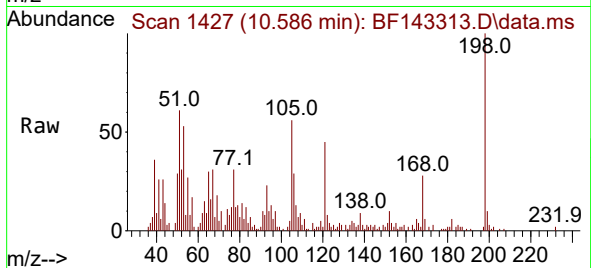
#65
4,6-Dinitro-2-methylphenol
Concen: 13.794 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Tgt Ion:198 Resp: 1546
Ion Ratio Lower Upper
198 100
51 60.9 37.2 77.2
105 55.9 24.8 64.8

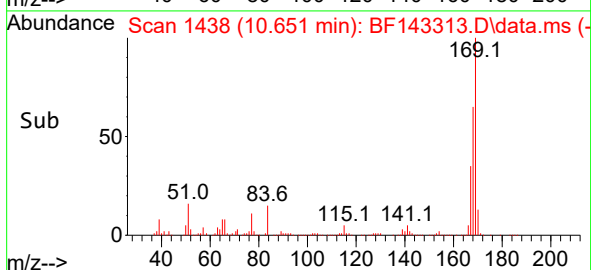
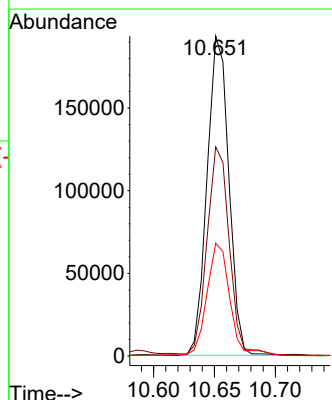
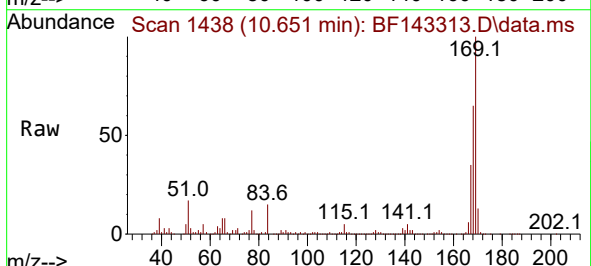
Manual Integrations
APPROVED

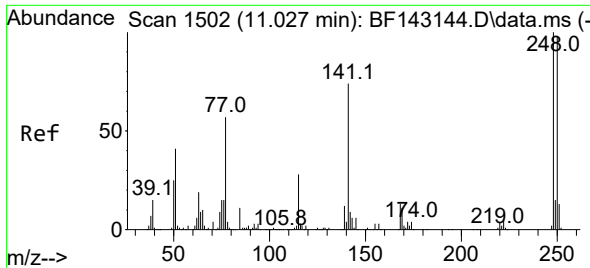
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



#66
n-Nitrosodiphenylamine
Concen: 21.866 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

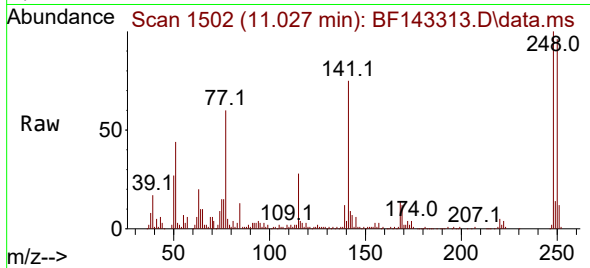
Tgt Ion:169 Resp: 240384
Ion Ratio Lower Upper
169 100
168 65.4 52.1 78.1
167 35.2 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 20.583 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

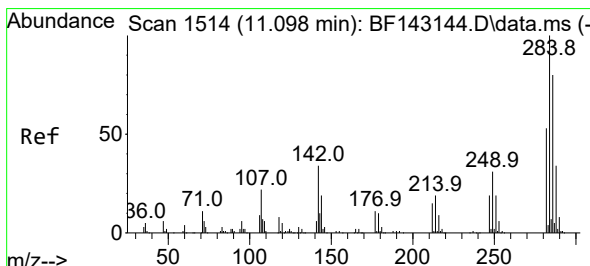
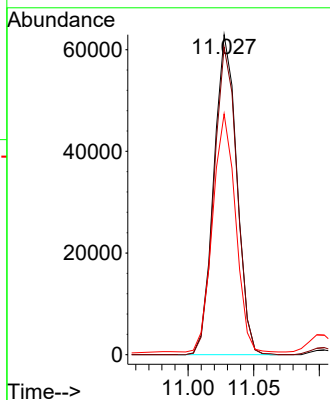
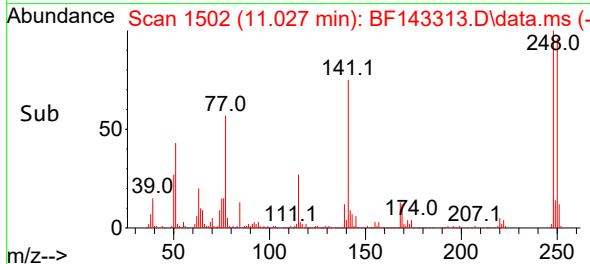
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



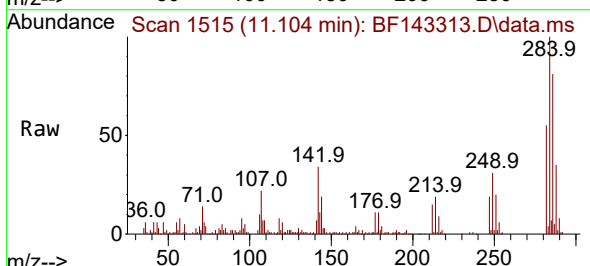
Tgt Ion:248 Resp: 76580
Ion Ratio Lower Upper
248 100
250 96.1 78.3 117.5
141 75.3 59.2 88.8

Manual Integrations
APPROVED

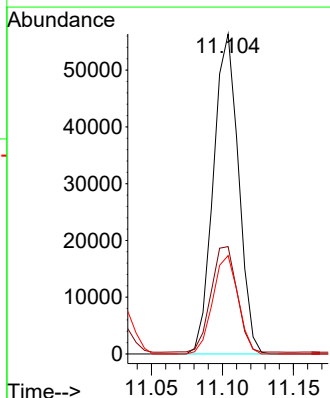
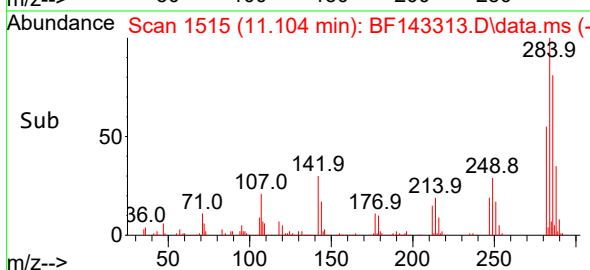
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

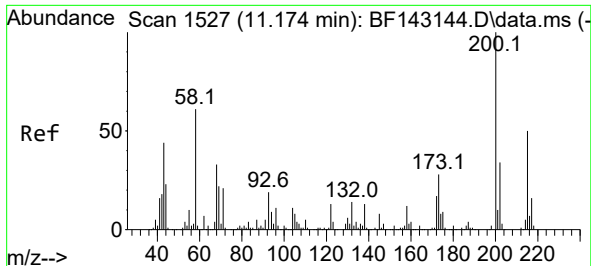


#68
Hexachlorobenzene
Concen: 17.841 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



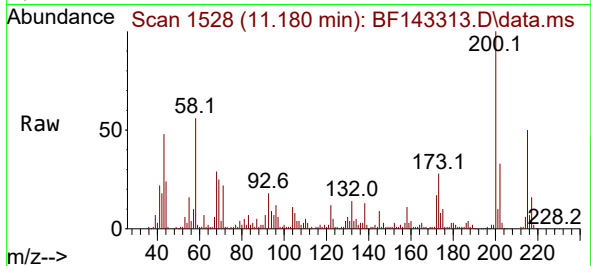
Tgt Ion:284 Resp: 69382
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 30.8 25.0 37.6





#69
Atrazine
Concen: 22.647 ng
RT: 11.180 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

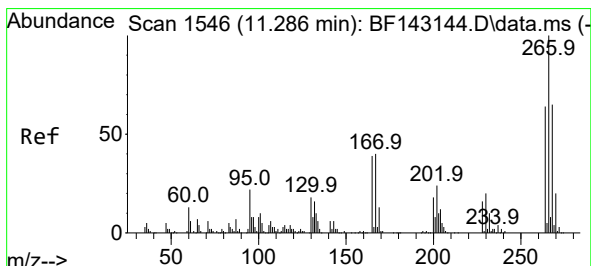
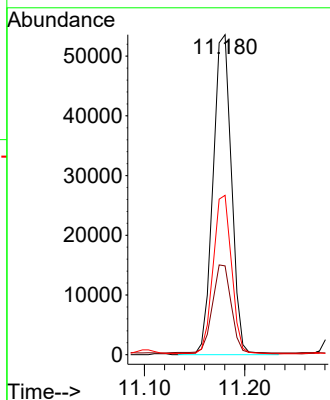
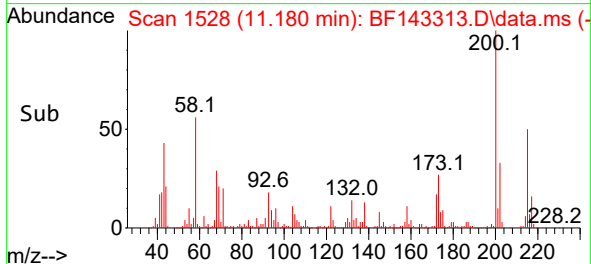
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



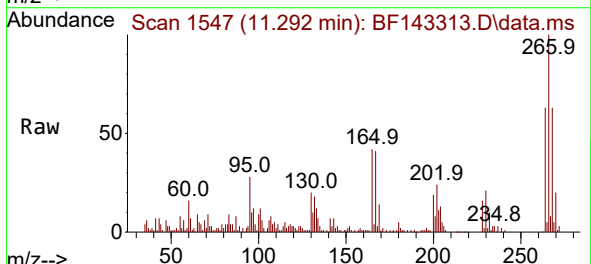
Tgt Ion:200 Resp: 6864
Ion Ratio Lower Upper
200 100
173 27.7 7.9 47.9
215 49.8 30.1 70.1

Manual Integrations
APPROVED

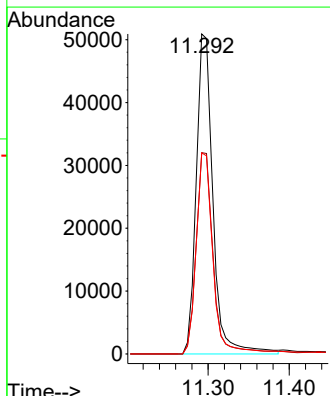
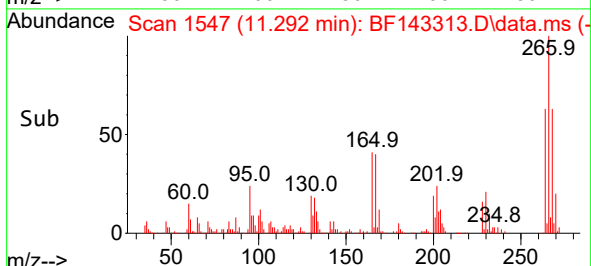
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

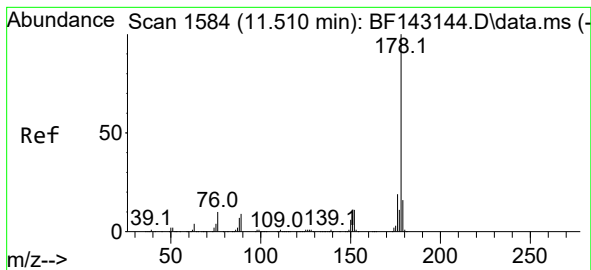


#70
Pentachlorophenol
Concen: 31.892 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



Tgt Ion:266 Resp: 72936
Ion Ratio Lower Upper
266 100
268 62.9 51.9 77.9
264 62.9 51.0 76.6





#71

Phenanthrene

Concen: 27.339 ng

RT: 11.516 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:178 Resp: 45320

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

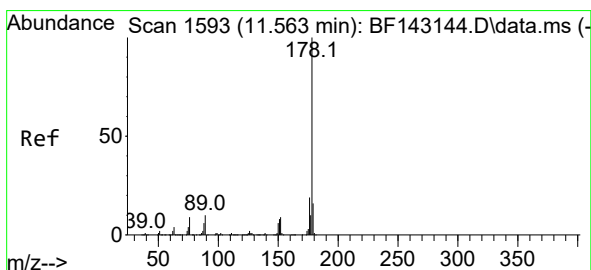
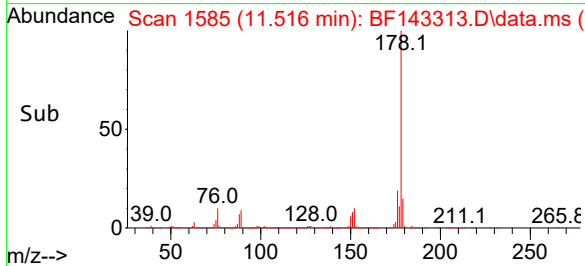
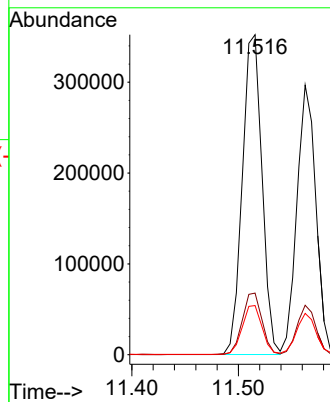
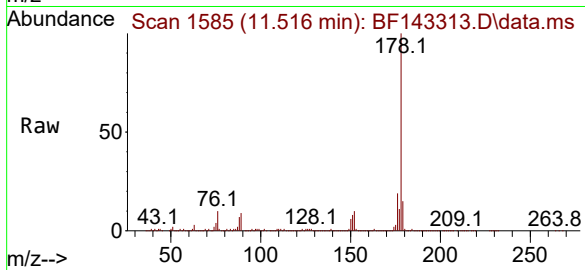
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#72

Anthracene

Concen: 21.800 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

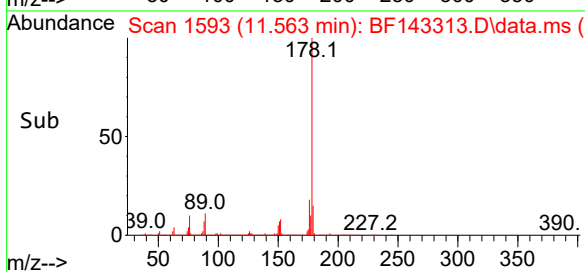
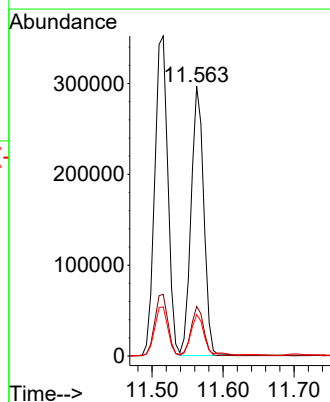
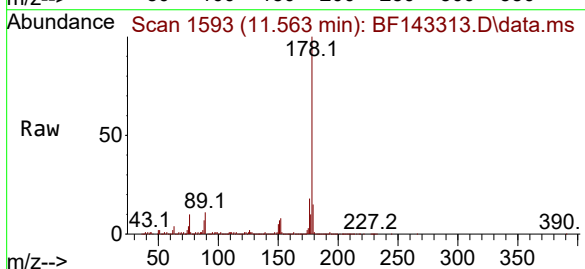
Tgt Ion:178 Resp: 368566

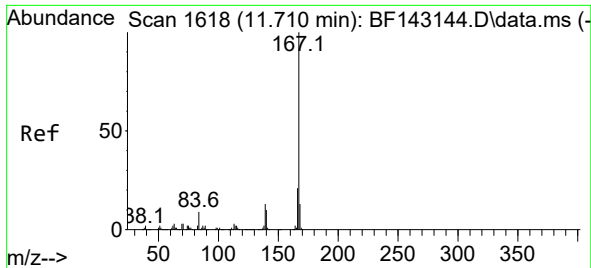
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

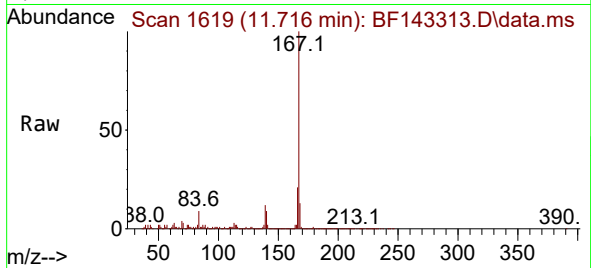
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 21.598 ng
 RT: 11.716 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF143313.D
 Acq: 05 Aug 2025 13:59

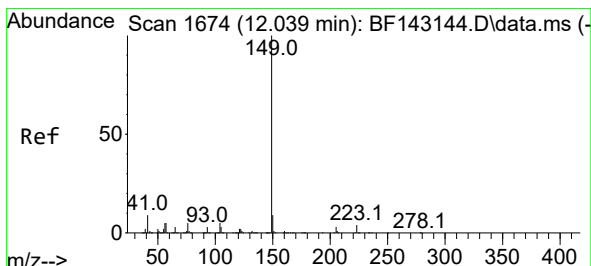
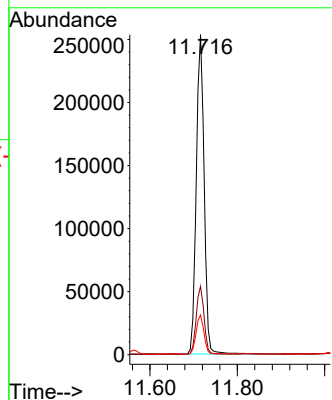
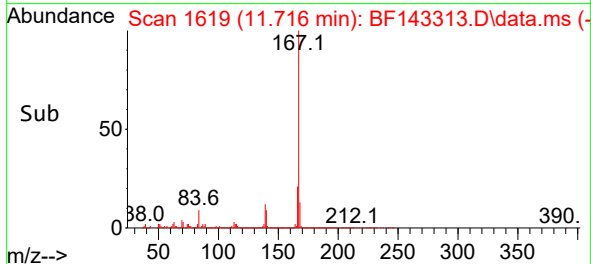
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MS



Tgt Ion:167 Resp: 318850
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.4 10.0 15.0

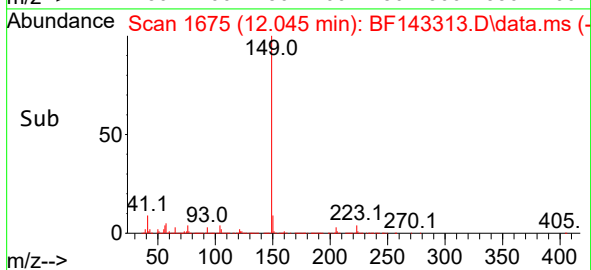
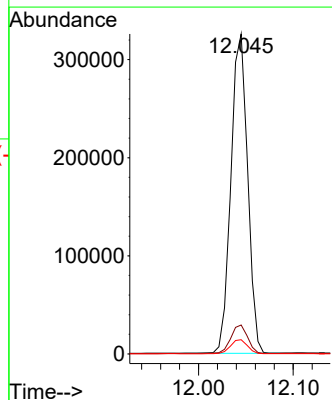
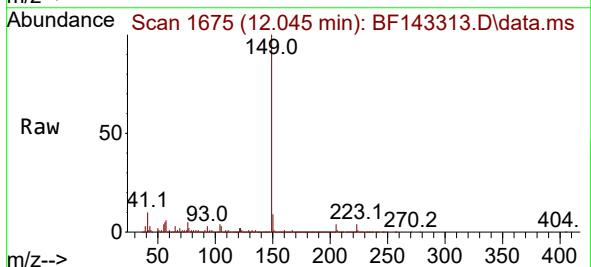
Manual Integrations
 APPROVED

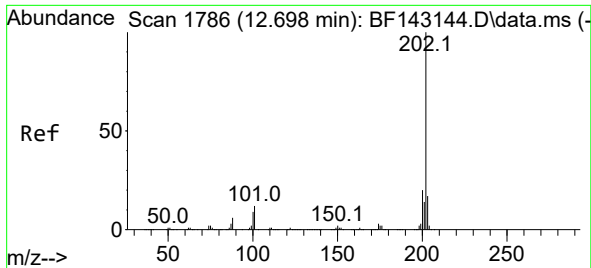
Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025



#74
 Di-n-butylphthalate
 Concen: 23.896 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143313.D
 Acq: 05 Aug 2025 13:59

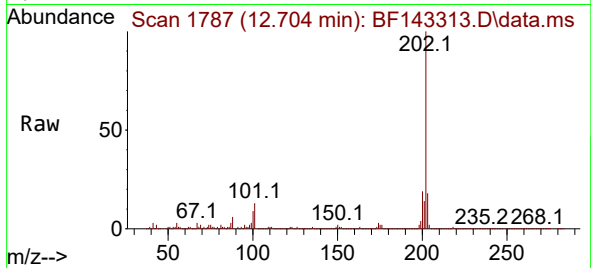
Tgt Ion:149 Resp: 399160
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.5 3.8 5.8





#75
Fluoranthene
Concen: 45.155 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59

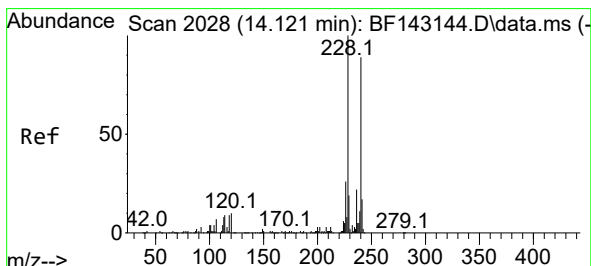
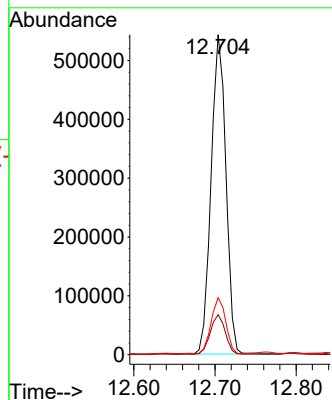
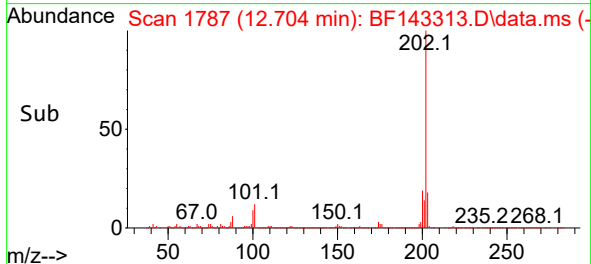
Instrument :
BNA_F
ClientSampleId :
VNJ-253MS



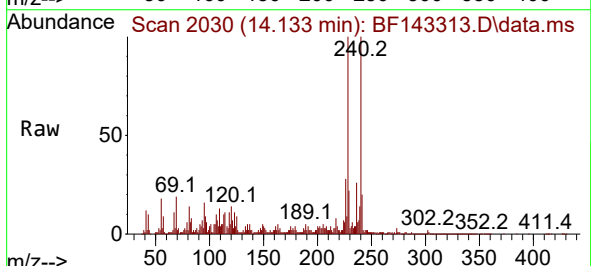
Tgt Ion:202 Resp: 687059
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.8 0.0 37.4

Manual Integrations
APPROVED

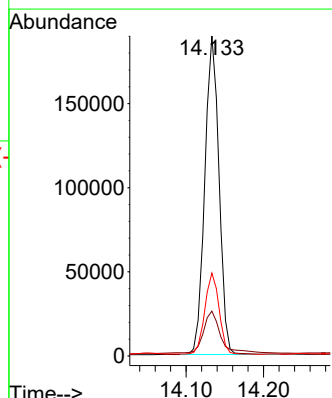
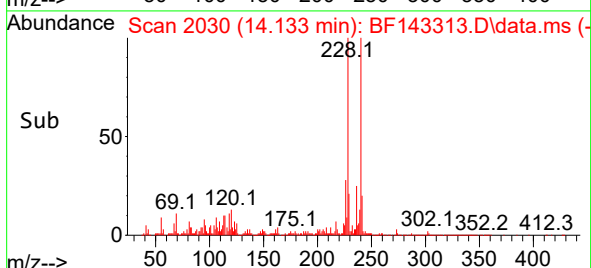
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

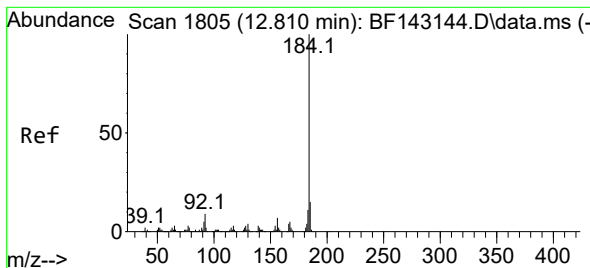


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143313.D
Acq: 05 Aug 2025 13:59



Tgt Ion:240 Resp: 241353
Ion Ratio Lower Upper
240 100
120 14.0 9.4 14.2
236 25.9 20.2 30.4





#77

Benzidine

Concen: 0.744 ng

RT: 12.821 min Scan# 1807

Delta R.T. 0.011 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

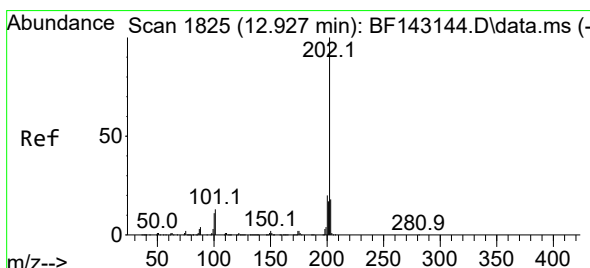
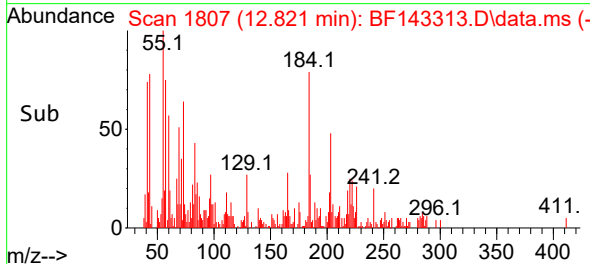
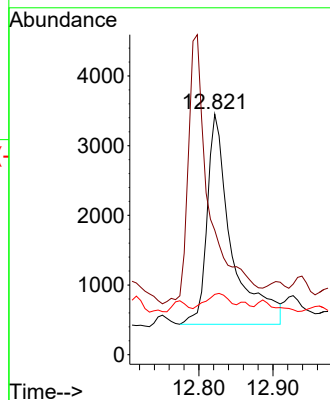
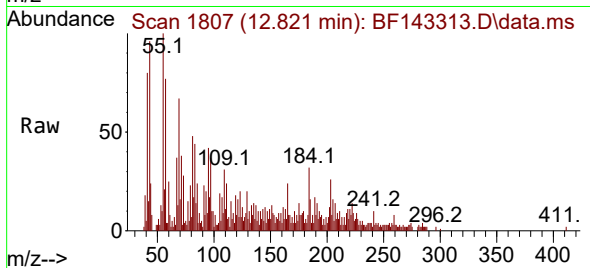
Tgt Ion:184 Resp: 6918
 Ion Ratio Lower Upper
 184 100
 185 51.8 12.2 18.4
 183 25.1 9.0 13.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#78

Pyrene

Concen: 32.867 ng

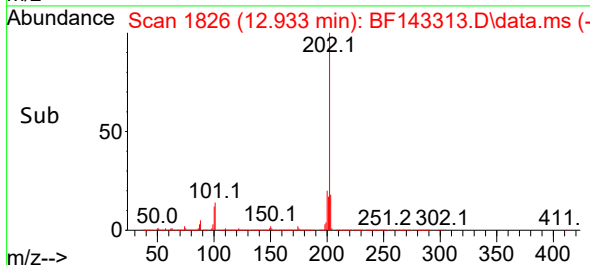
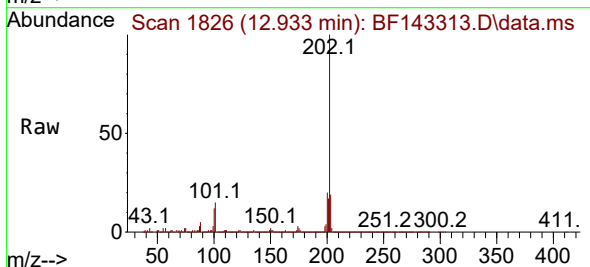
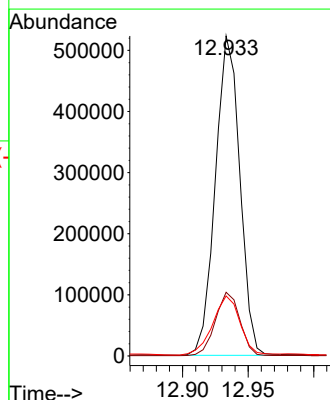
RT: 12.933 min Scan# 1826

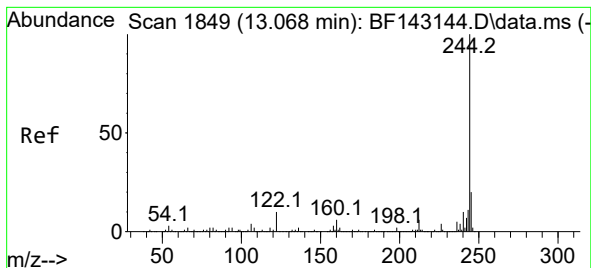
Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Tgt Ion:202 Resp: 677000
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.7 23.5
 203 18.8 14.2 21.2





#79

Terphenyl-d14

Concen: 23.499 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

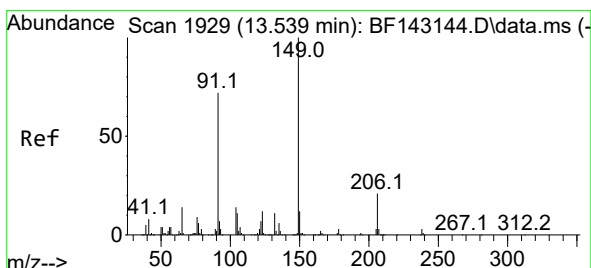
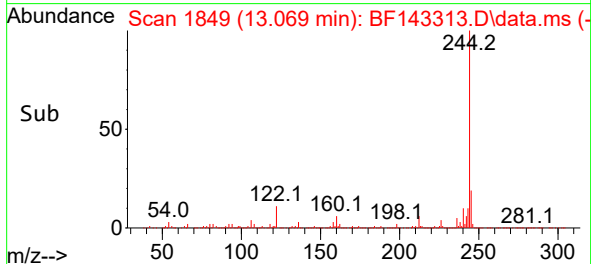
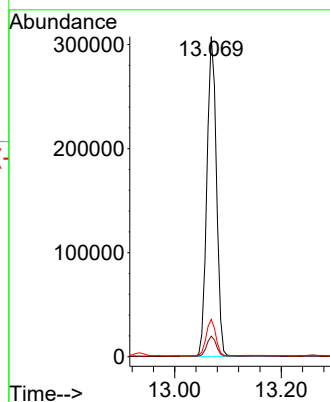
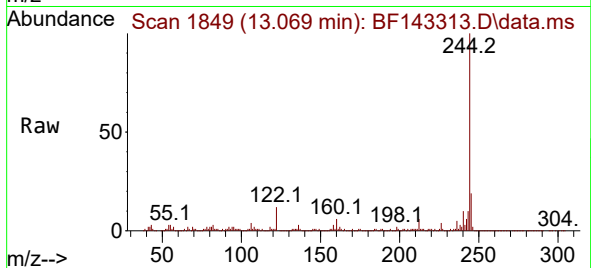
Tgt Ion:244	Resp: 38112
Ion Ratio	Lower Upper
244 100	
212 6.4	5.2 7.8
122 11.7	8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#80

Butylbenzylphthalate

Concen: 25.730 ng

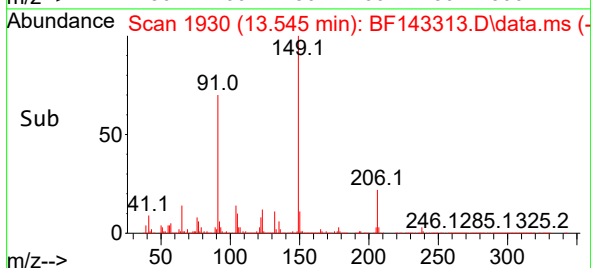
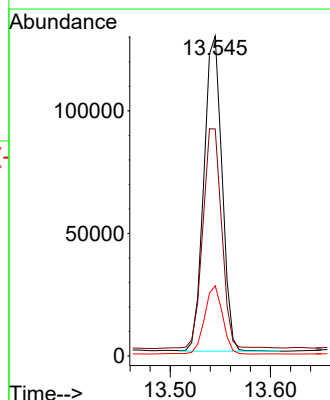
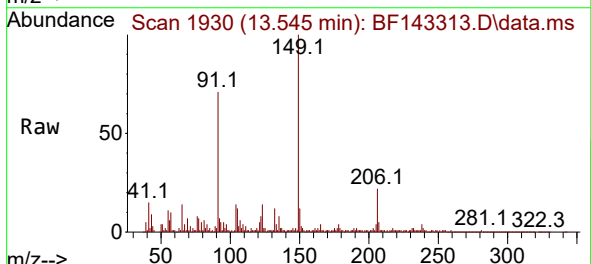
RT: 13.545 min Scan# 1930

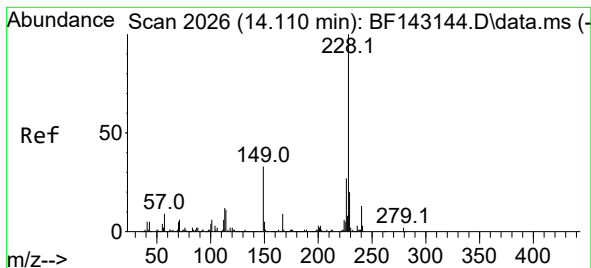
Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Tgt Ion:149	Resp: 162294
Ion Ratio	Lower Upper
149 100	
91 71.0	57.9 86.9
206 22.0	17.0 25.4





#81

Benzo(a)anthracene

Concen: 30.942 ng

RT: 14.121 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNF_F

ClientSampleId :

VNJ-253MS

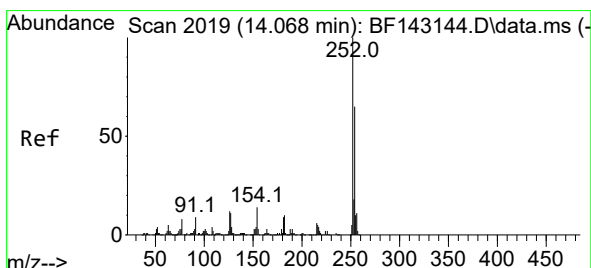
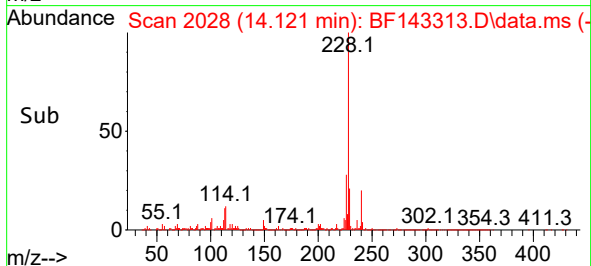
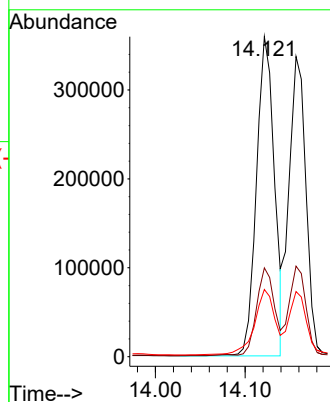
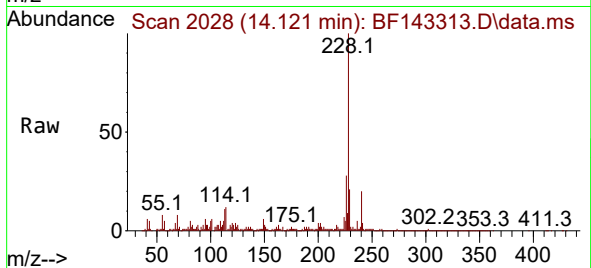
Tgt Ion:228 Resp: 499980
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.7 32.5
 229 21.0 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 10.935 ng

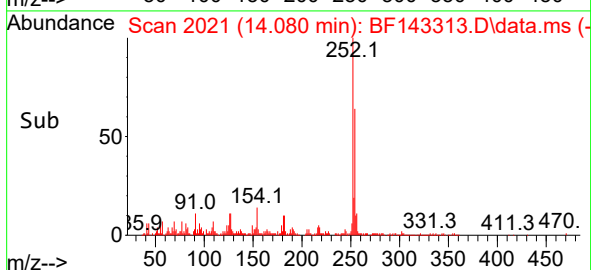
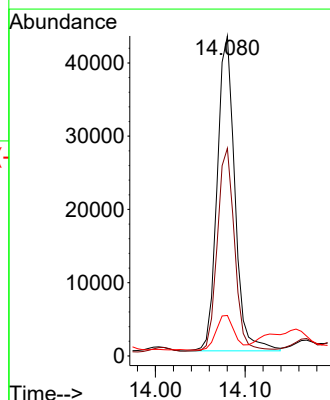
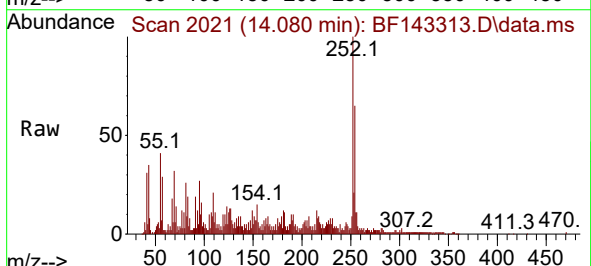
RT: 14.080 min Scan# 2021

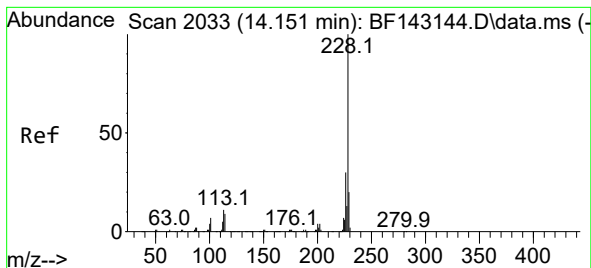
Delta R.T. 0.012 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Tgt Ion:252 Resp: 58890
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.7 77.5
 126 12.7 9.4 14.0





#83

Chrysene

Concen: 30.184 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

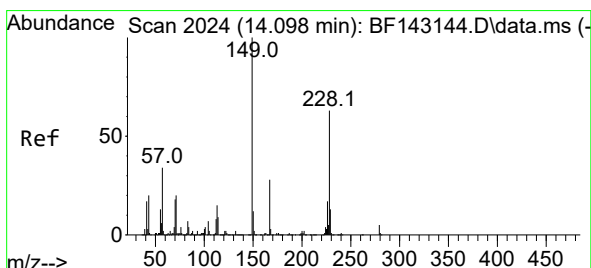
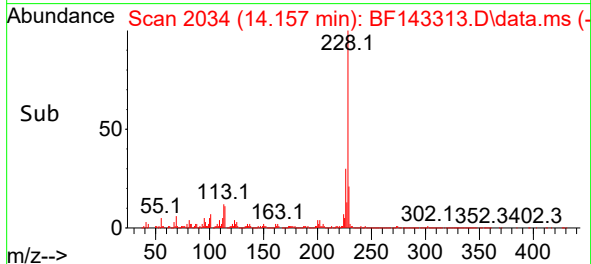
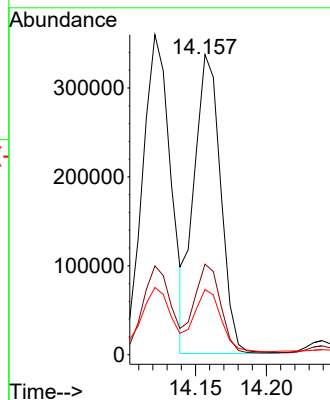
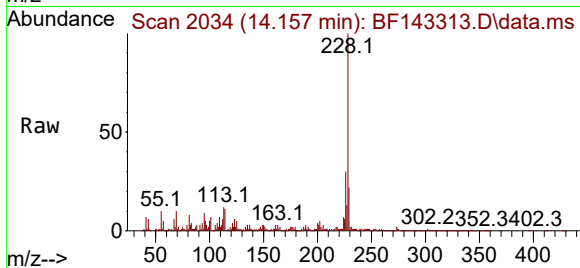
Tgt Ion:228 Resp: 43851
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.8 35.8
 229 21.7 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.451 ng

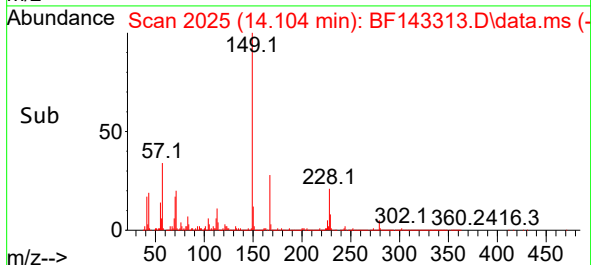
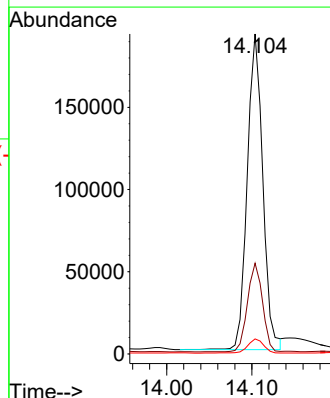
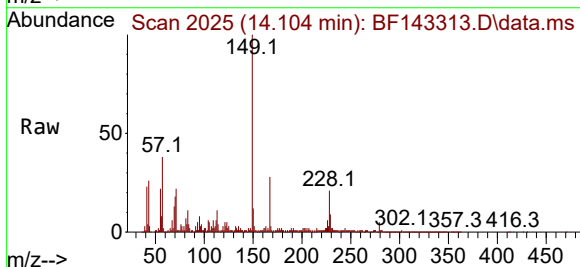
RT: 14.104 min Scan# 2025

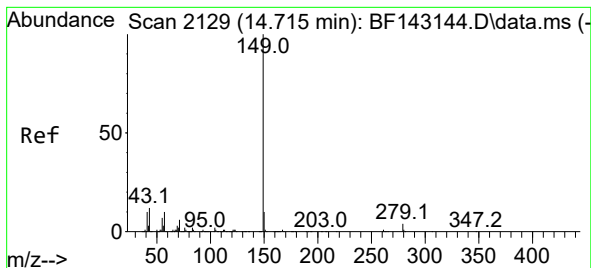
Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Tgt Ion:149 Resp: 242982
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.3 33.5
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 22.740 ng

RT: 14.721 min Scan# 2129

Delta R.T. 0.006 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:149 Resp: 39351

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

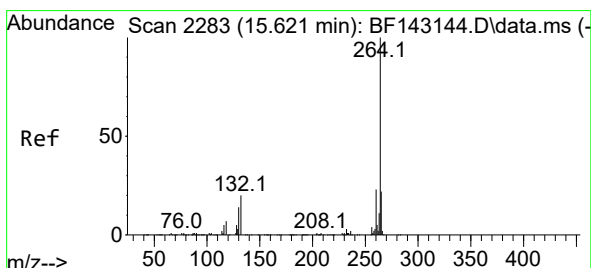
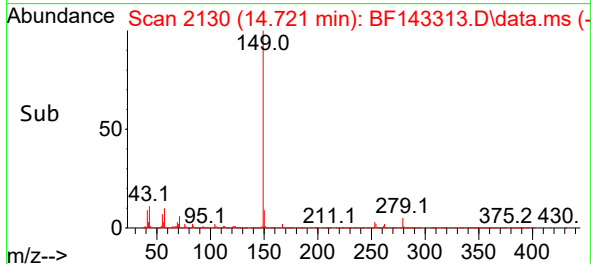
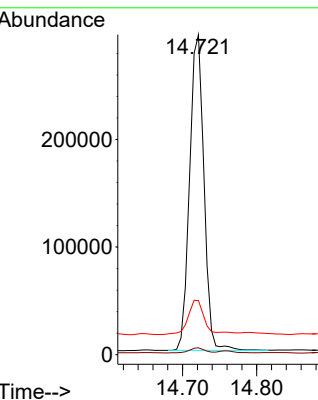
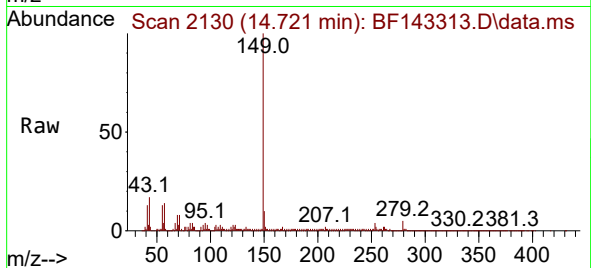
43 12.0 9.7 14.5

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2287

Delta R.T. 0.024 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

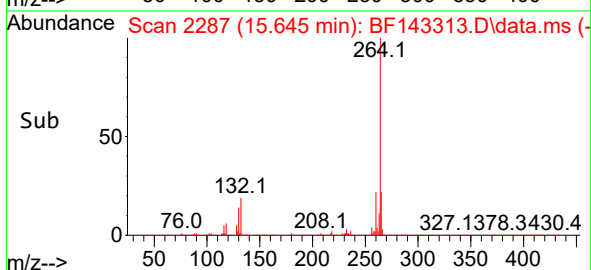
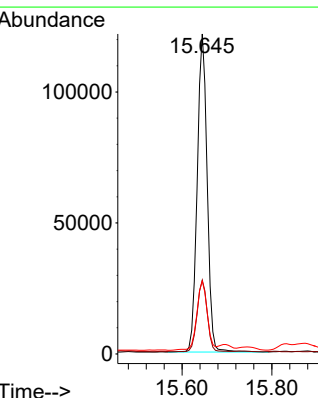
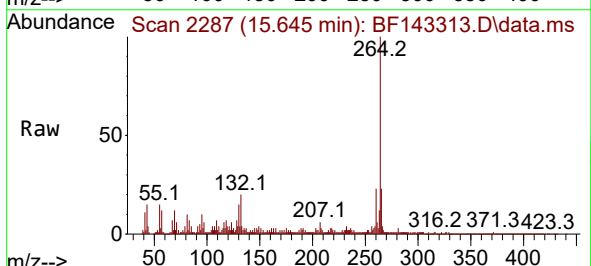
Tgt Ion:264 Resp: 186398

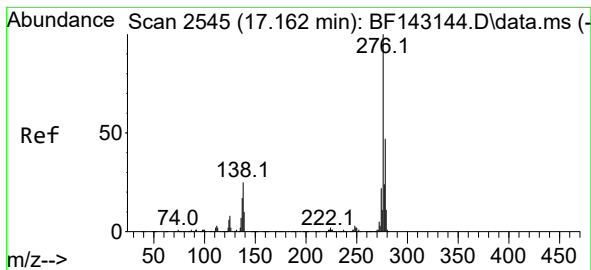
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 18.738 ng

RT: 17.192 min Scan# 2111

Delta R.T. 0.029 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:276 Resp: 246288

Ion Ratio Lower Upper

276 100

138 27.9 21.8 32.6

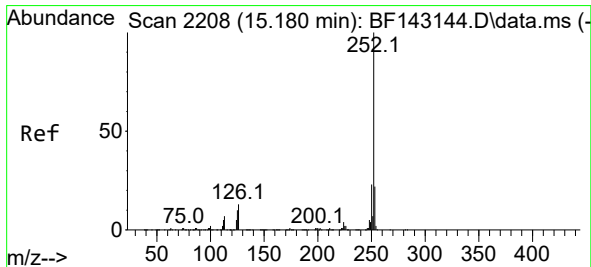
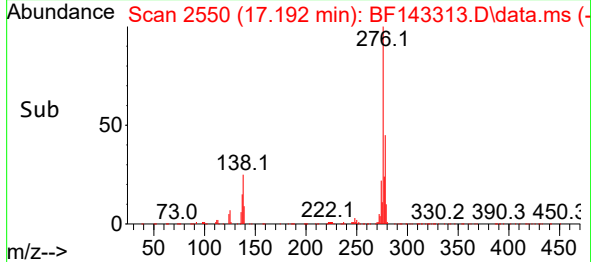
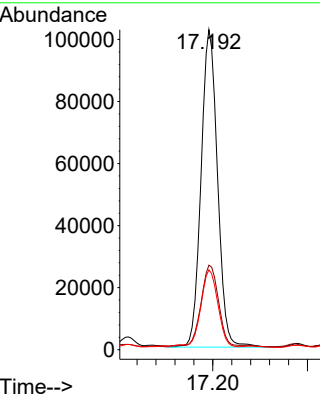
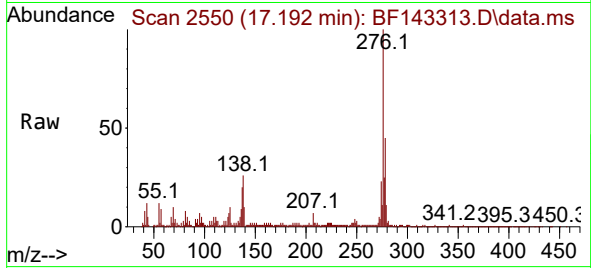
277 24.4 20.0 30.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#88

Benzo(b)fluoranthene

Concen: 33.042 ng

RT: 15.198 min Scan# 2211

Delta R.T. 0.018 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

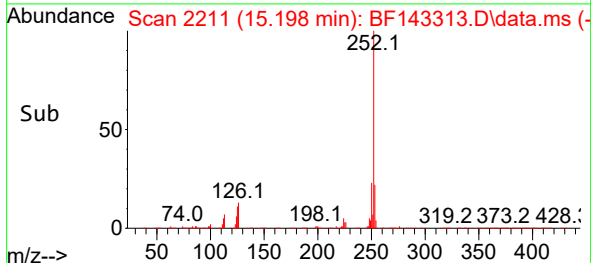
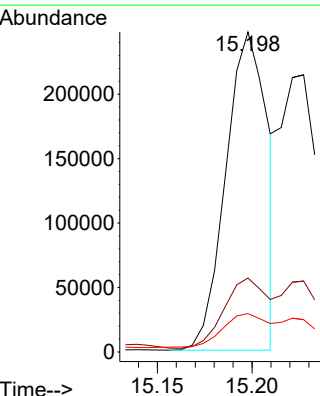
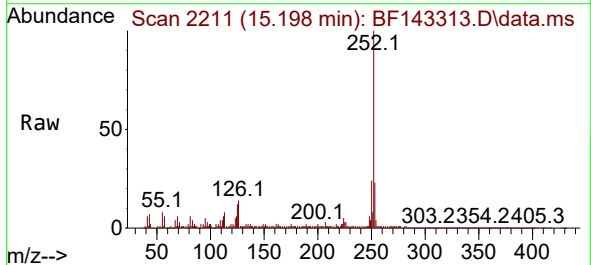
Tgt Ion:252 Resp: 376253

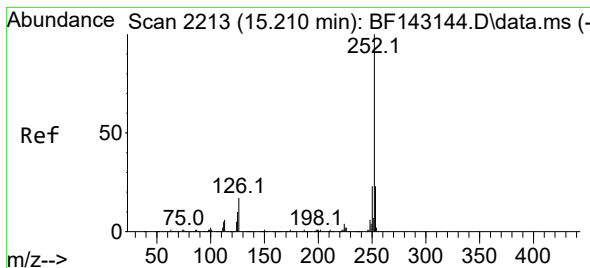
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 12.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 29.933 ng m

RT: 15.227 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:252 Resp: 30415

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.6

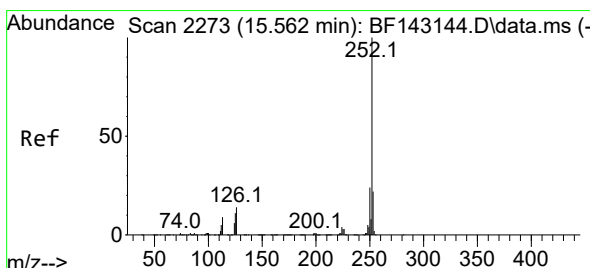
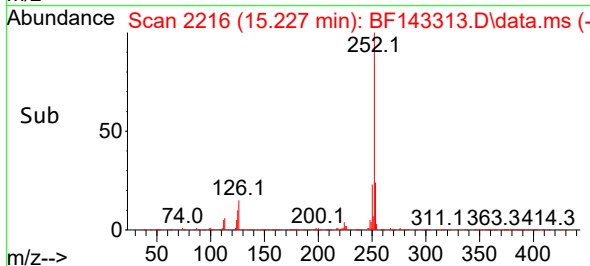
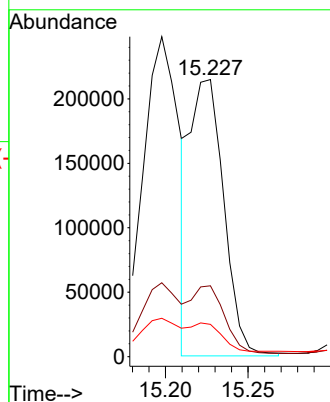
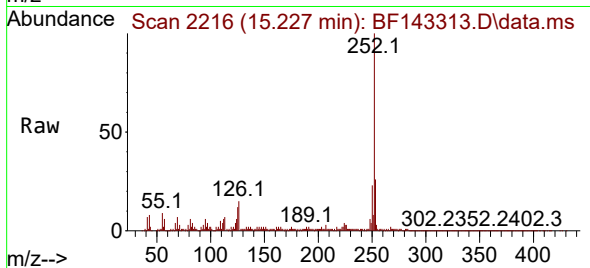
125 11.7 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#90

Benzo(a)pyrene

Concen: 28.714 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.018 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

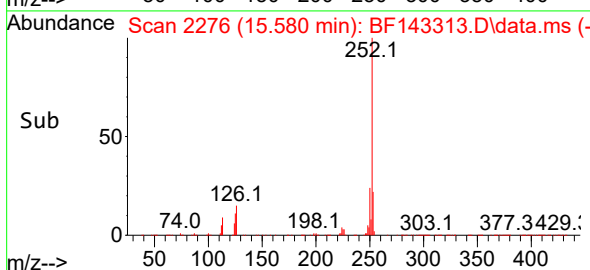
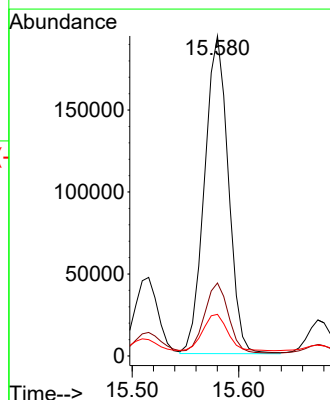
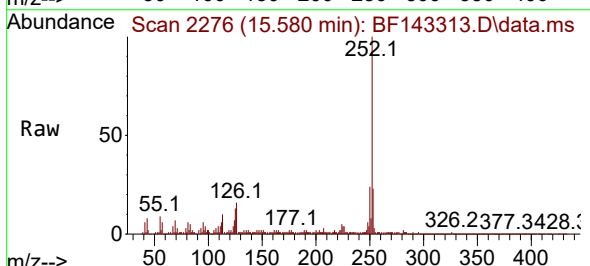
Tgt Ion:252 Resp: 301255

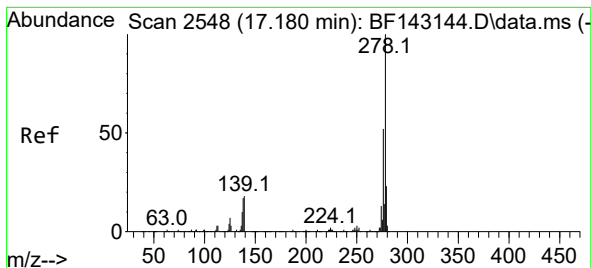
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 13.0 8.6 13.0#





#91

Dibenzo(a,h)anthracene

Concen: 16.348 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Instrument :

BNA_F

ClientSampleId :

VNJ-253MS

Tgt Ion:278 Resp: 17488

Ion Ratio Lower Upper

278 100

139 19.2 14.1 21.1

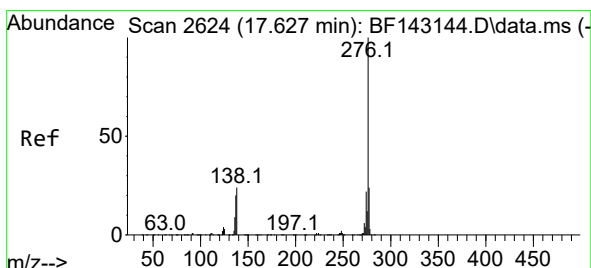
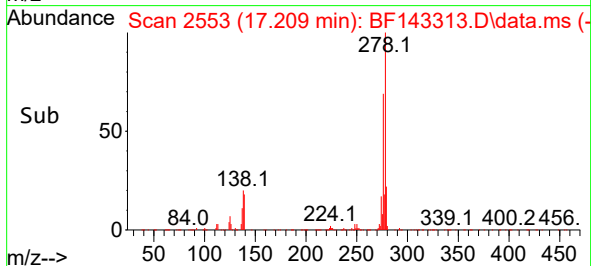
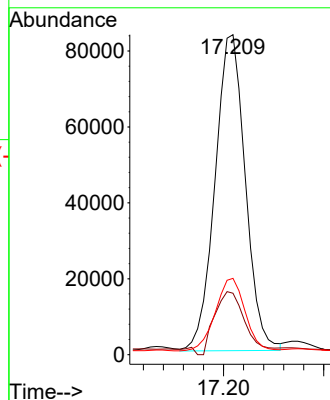
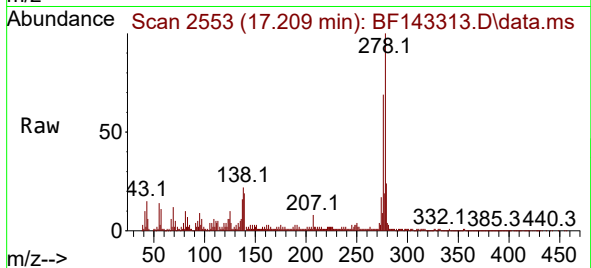
279 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/06/2025

Supervised By :Jagrut Upadhyay 08/06/2025



#92

Benzo(g,h,i)perylene

Concen: 19.403 ng

RT: 17.662 min Scan# 2630

Delta R.T. 0.035 min

Lab File: BF143313.D

Acq: 05 Aug 2025 13:59

Tgt Ion:276 Resp: 200796

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 24.7 18.9 28.3

