

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141353.D
 Acq On : 01 Feb 2025 00:57
 Operator : RC/JU
 Sample : Q1194-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 01:28:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	149676	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	589897	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	304724	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	446574	20.000	ng	0.00
76) Chrysene-d12	13.968	240	289652	20.000	ng	0.00
86) Perylene-d12	15.415	264	291978	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	904843	92.808	ng	0.01
7) Phenol-d6	6.445	99	1106069	89.179	ng	0.00
23) Nitrobenzene-d5	7.363	82	719805	64.326	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	248253	88.864	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1206163	60.924	ng	0.00
79) Terphenyl-d14	12.910	244	937270	49.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	156245	36.439	ng	99
3) Pyridine	3.287	79	402004	38.912	ng	99
4) n-Nitrosodimethylamine	3.240	42	247827	41.992	ng	96
6) Aniline	6.463	93	360976	34.383	ng	# 32
8) 2-Chlorophenol	6.592	128	444161	42.504	ng	96
9) Benzaldehyde	6.345	77	45965	6.398	ng	99
10) Phenol	6.457	94	539453	41.031	ng	76
11) bis(2-Chloroethyl)ether	6.534	93	427879	42.445	ng	99
12) 1,3-Dichlorobenzene	6.739	146	454158	39.416	ng	99
13) 1,4-Dichlorobenzene	6.816	146	459392	39.688	ng	100
14) 1,2-Dichlorobenzene	6.969	146	436553	40.277	ng	99
15) Benzyl Alcohol	6.945	79	372341	43.929	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	710017	40.504	ng	57
17) 2-Methylphenol	7.069	107	337228	39.707	ng	# 88
18) Hexachloroethane	7.310	117	170674	39.969	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	306652	41.610	ng	97
20) 3+4-Methylphenols	7.222	107	440708	42.262	ng	# 75
22) Acetophenone	7.210	105	585685	41.770	ng	# 95
24) Nitrobenzene	7.381	77	463958	40.009	ng	100
25) Isophorone	7.622	82	813421	42.053	ng	99
26) 2-Nitrophenol	7.698	139	232740	42.556	ng	100
27) 2,4-Dimethylphenol	7.745	122	346152m	49.727	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	514821	41.726	ng	99
29) 2,4-Dichlorophenol	7.951	162	357247	41.921	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	371686	38.191	ng	99
31) Naphthalene	8.104	128	1241727	39.847	ng	100
32) Benzoic acid	7.869	122	263841	41.230	ng	99
33) 4-Chloroaniline	8.151	127	123735	11.709	ng	98
34) Hexachlorobutadiene	8.222	225	223107	39.091	ng	99
35) Caprolactam	8.522	113	116283	41.781	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	375991	41.132	ng	98
37) 2-Methylnaphthalene	8.792	142	797516	40.265	ng	99
38) 1-Methylnaphthalene	8.892	142	745385	38.311	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	358360	41.338	ng	98
41) Hexachlorocyclopentadiene	8.945	237	330649	129.149	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	241755	42.606	ng	99

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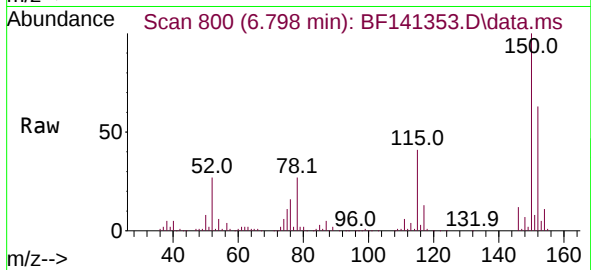
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	253156	40.992	ng	99
46) 1,1'-Biphenyl	9.263	154	982186	41.329	ng	100
47) 2-Chloronaphthalene	9.286	162	729439	39.379	ng	99
48) 2-Nitroaniline	9.380	65	249777	42.870	ng	97
49) Acenaphthylene	9.698	152	1110295	42.820	ng	99
50) Dimethylphthalate	9.563	163	889602	43.224	ng	99
51) 2,6-Dinitrotoluene	9.628	165	193485	40.489	ng	96
52) Acenaphthene	9.875	154	835010	45.077	ng	99
53) 3-Nitroaniline	9.792	138	129295	27.606	ng	100
54) 2,4-Dinitrophenol	9.904	184	209369	94.252	ng	99
55) Dibenzofuran	10.045	168	996364	40.184	ng	99
56) 4-Nitrophenol	9.975	139	241925	70.629	ng	97
57) 2,4-Dinitrotoluene	10.028	165	250886	40.550	ng	99
58) Fluorene	10.386	166	754067	39.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	207765	42.763	ng	100
60) Diethylphthalate	10.263	149	853771	42.784	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	372656	39.666	ng	99
62) 4-Nitroaniline	10.410	138	169626	36.838	ng	99
63) Azobenzene	10.539	77	861766	43.142	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	138958	52.606	ng	97
66) n-Nitrosodiphenylamine	10.498	169	682753	47.270	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	231795	46.363	ng	98
68) Hexachlorobenzene	10.933	284	234812	44.277	ng	99
69) Atrazine	11.027	200	217252	44.986	ng	99
70) Pentachlorophenol	11.133	266	247008	79.539	ng	100
71) Phenanthrene	11.351	178	1024548	42.680	ng	100
72) Anthracene	11.404	178	1046790	44.505	ng	99
73) Carbazole	11.557	167	823751	39.496	ng	99
74) Di-n-butylphthalate	11.892	149	1147366	45.394	ng	100
75) Fluoranthene	12.539	202	900749	38.002	ng	100
77) Benzidine	12.663	184	210212	22.638	ng	99
78) Pyrene	12.769	202	916947	32.979	ng	99
80) Butylbenzylphthalate	13.392	149	384203	39.554	ng	98
81) Benzo(a)anthracene	13.957	228	792710	39.660	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	198260	31.187	ng	99
83) Chrysene	13.992	228	786189	42.919	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	510215	41.407	ng	99
85) Di-n-octyl phthalate	14.568	149	922363	48.195	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	647446	34.356	ng	99
88) Benzo(b)fluoranthene	14.998	252	782728	42.618	ng	99
89) Benzo(k)fluoranthene	15.027	252	810825m	49.835	ng	
90) Benzo(a)pyrene	15.357	252	732096	47.170	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	524247	34.578	ng	99
92) Benzo(g,h,i)perylene	17.298	276	466835	29.613	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

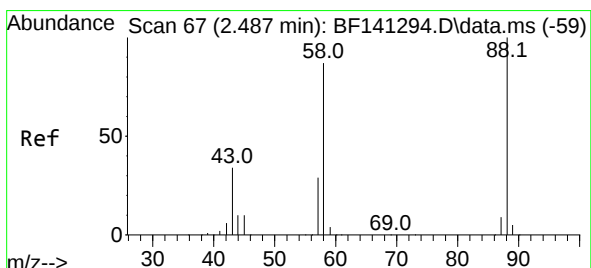
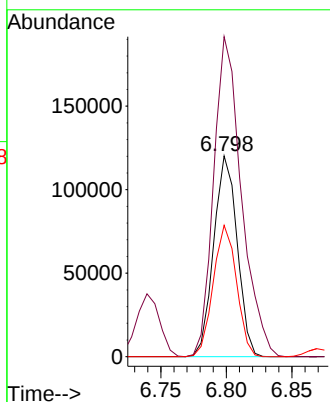
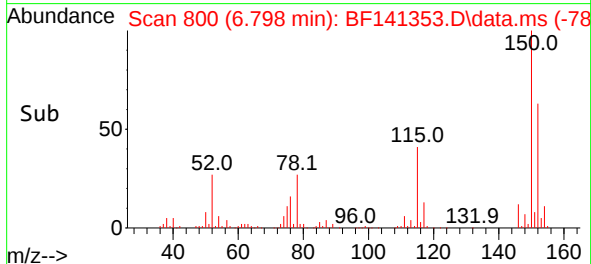
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:152 Resp: 149670
Ion Ratio Lower Upper
152 100
150 159.4 125.9 188.9
115 65.5 49.7 74.5

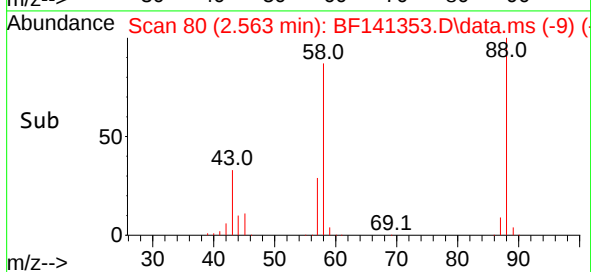
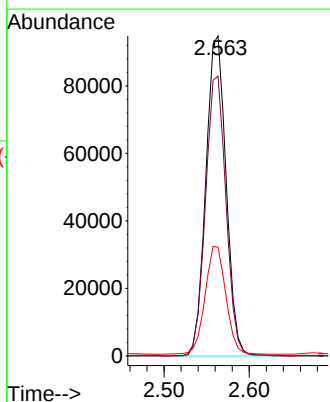
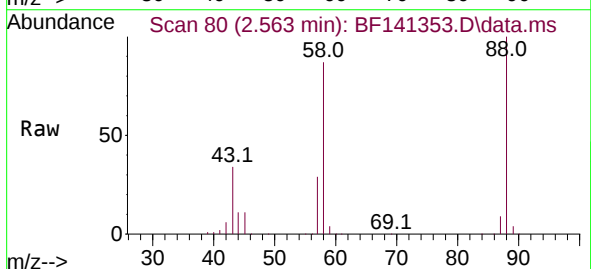
Manual Integrations
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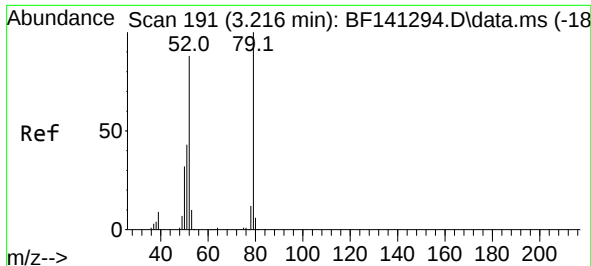
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 36.439 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.070 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

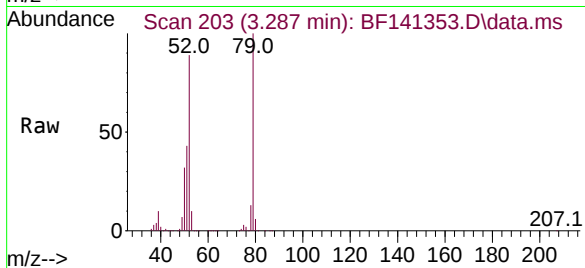
Tgt Ion: 88 Resp: 156245
Ion Ratio Lower Upper
88 100
58 88.8 70.2 105.4
43 34.8 27.6 41.4





#3
Pyridine
Concen: 38.912 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

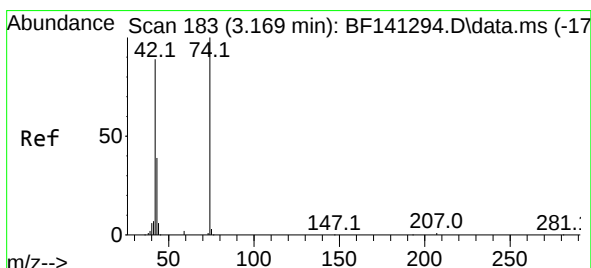
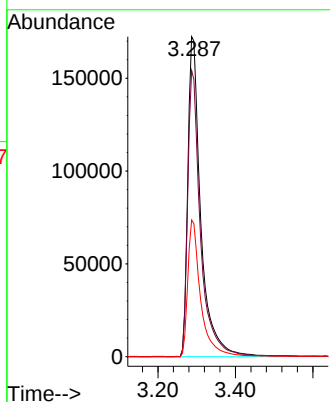
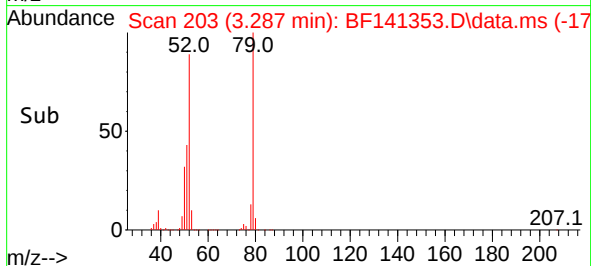
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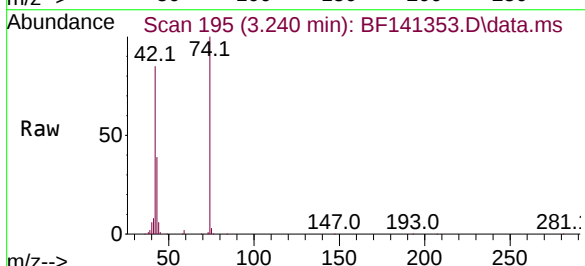
Tgt Ion: 79 Resp: 402004
Ion Ratio Lower Upper
79 100
52 89.4 70.3 105.5
51 42.7 34.3 51.5

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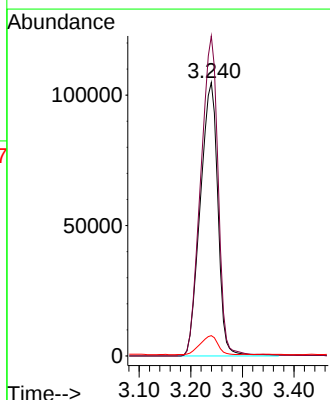
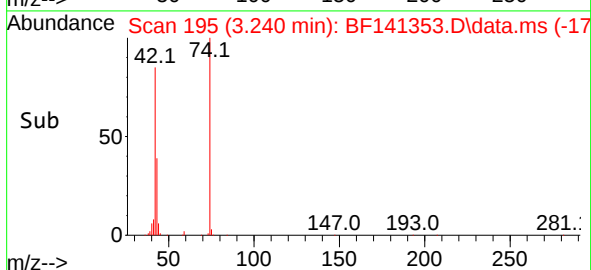
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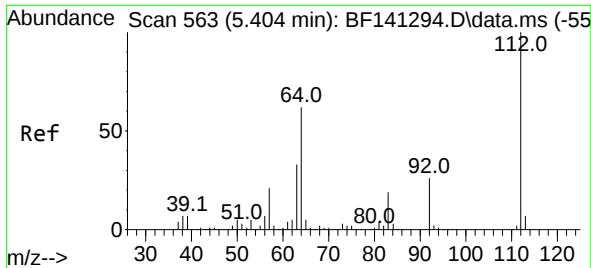


#4
n-Nitrosodimethylamine
Concen: 41.992 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.041 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion: 42 Resp: 247827
Ion Ratio Lower Upper
42 100
74 117.0 90.3 135.5
44 7.5 5.7 8.5





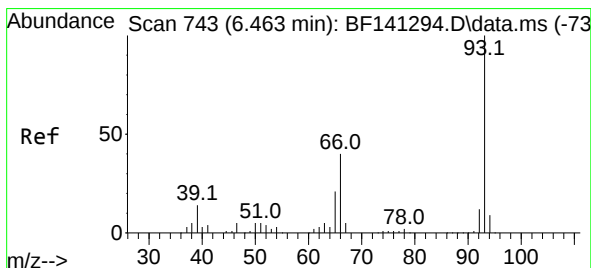
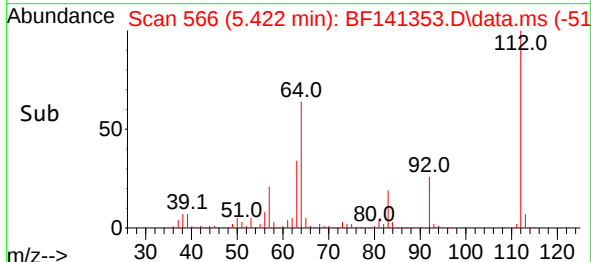
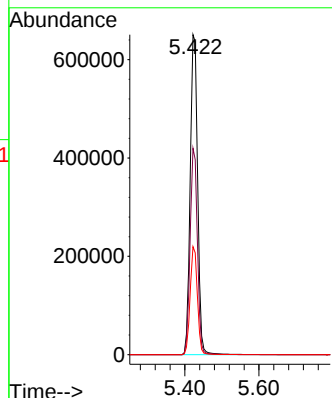
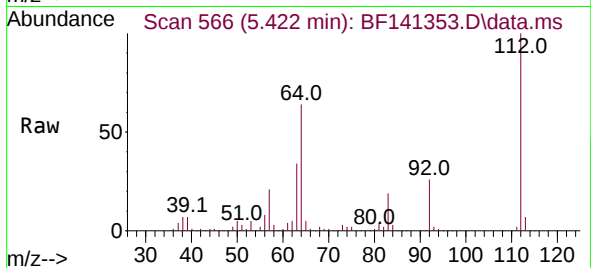
#5
2-Fluorophenol
Concen: 92.808 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:112 Resp: 90484
Ion Ratio Lower Upper
112 100
64 64.5 49.8 74.8
63 33.7 26.1 39.1

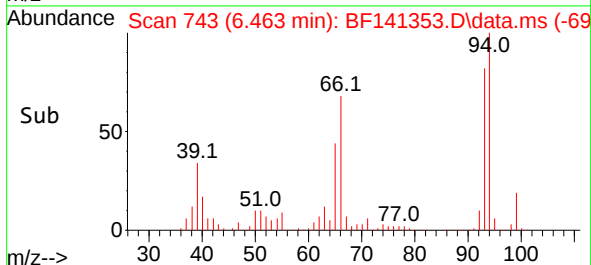
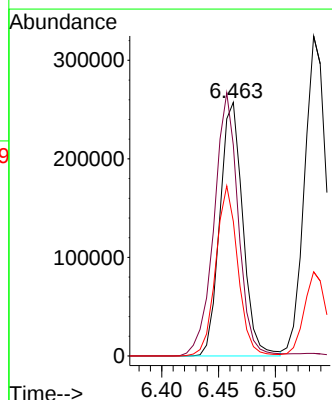
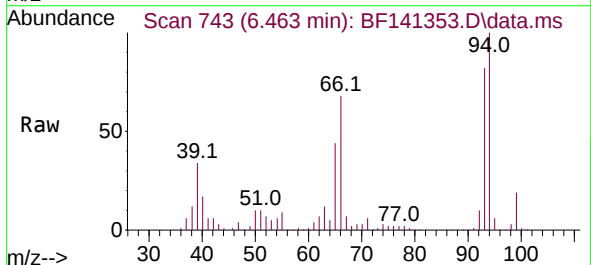
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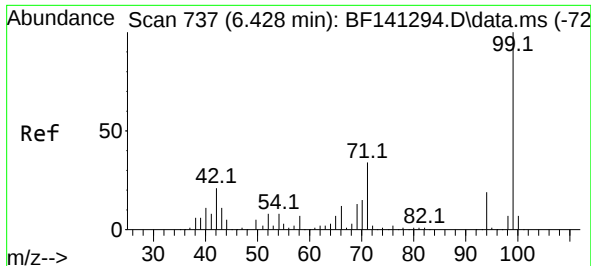
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 34.383 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion: 93 Resp: 360976
Ion Ratio Lower Upper
93 100
66 83.2 32.5 48.7#
65 53.1 17.0 25.6#





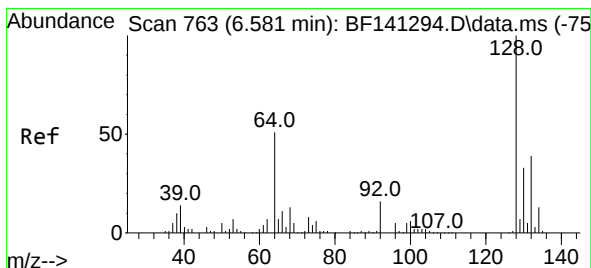
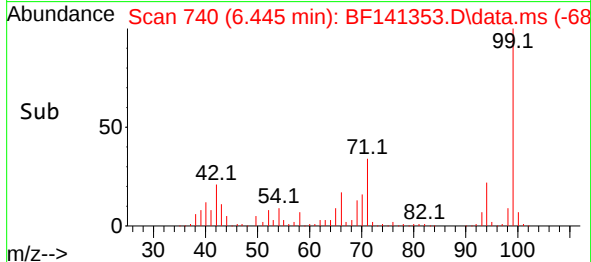
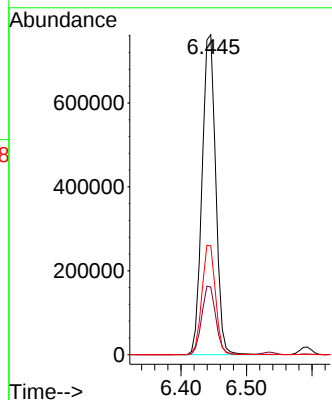
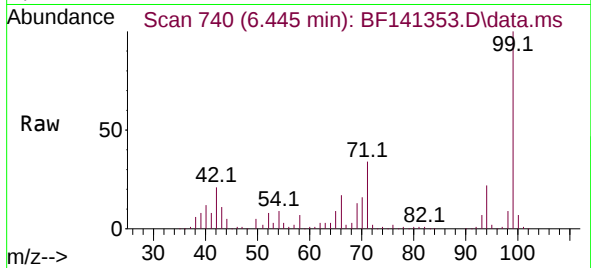
#7
Phenol-d6
Concen: 89.179 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
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ClientSampleId :
B-113-SB02MSD

Tgt Ion: 99 Resp: 1106069
Ion Ratio Lower Upper
99 100
42 21.1 17.1 25.7
71 34.0 26.9 40.3

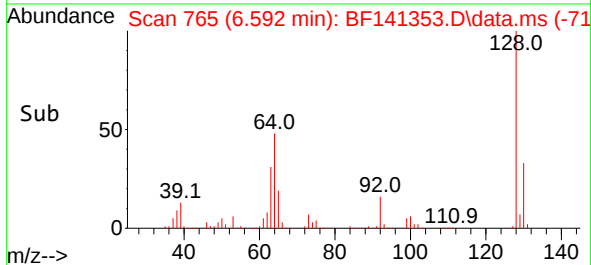
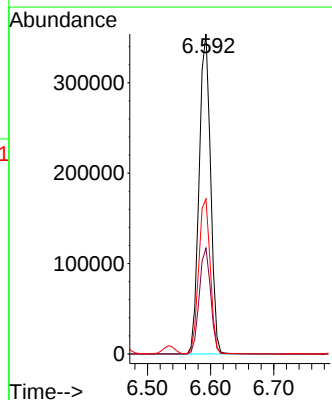
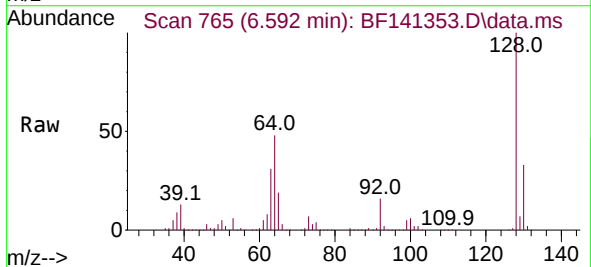
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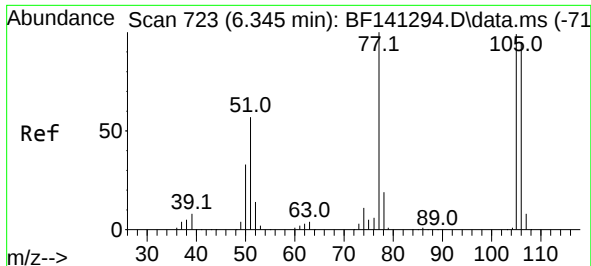
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 42.504 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:128 Resp: 444161
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 48.4 32.9 72.9





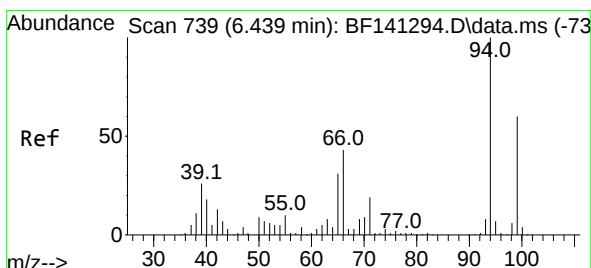
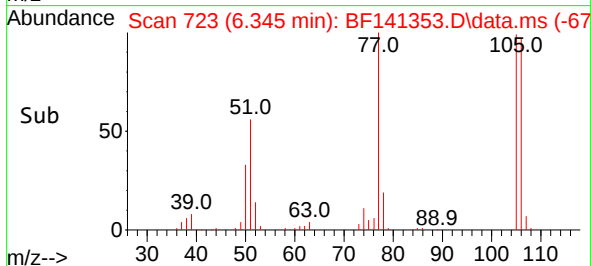
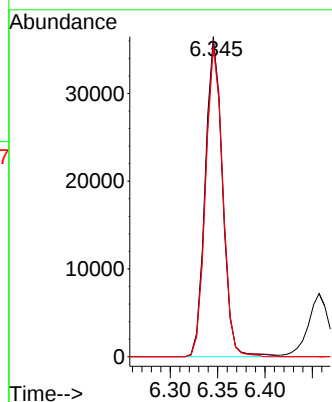
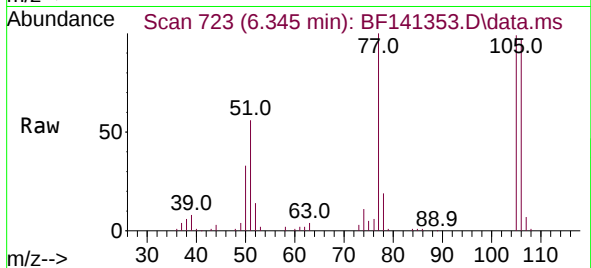
#9
Benzaldehyde
Concen: 6.398 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion: 77 Resp: 4596
Ion Ratio Lower Upper
77 100
105 98.8 79.4 119.4
106 96.5 74.6 114.6

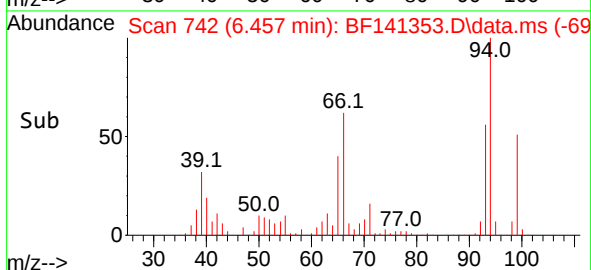
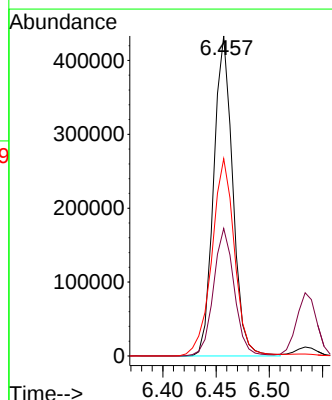
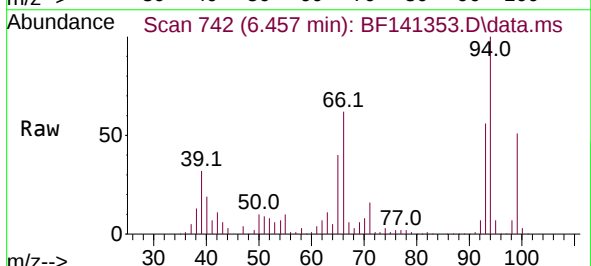
Manual Integrations
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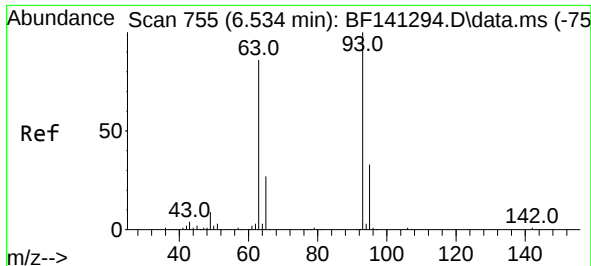
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 41.031 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion: 94 Resp: 539453
Ion Ratio Lower Upper
94 100
65 39.9 10.8 50.8
66 61.7 23.3 63.3





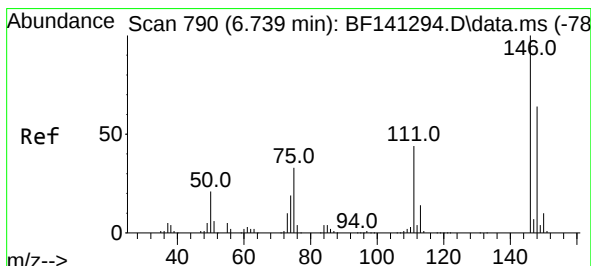
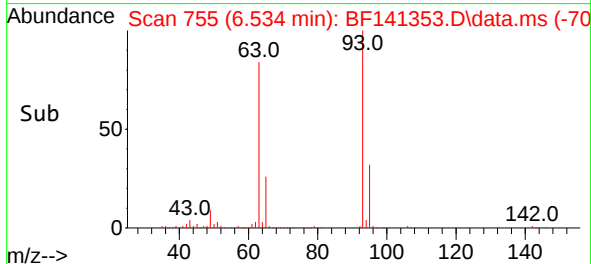
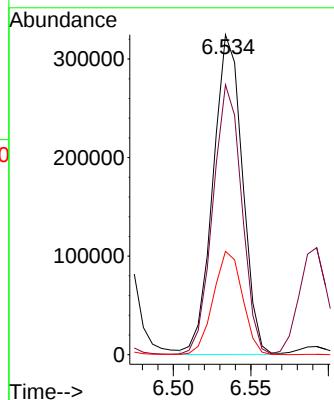
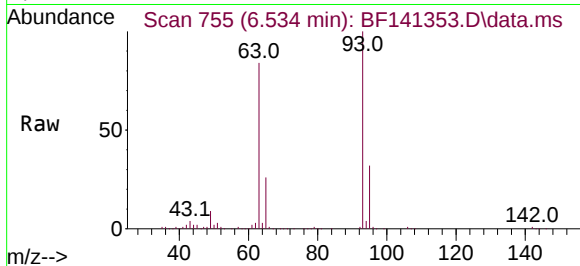
#11
bis(2-Chloroethyl)ether
Concen: 42.445 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion: 93 Resp: 427879
Ion Ratio Lower Upper
93 100
63 84.4 65.0 105.0
95 32.3 12.4 52.4

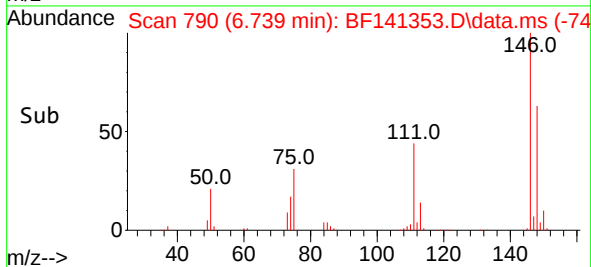
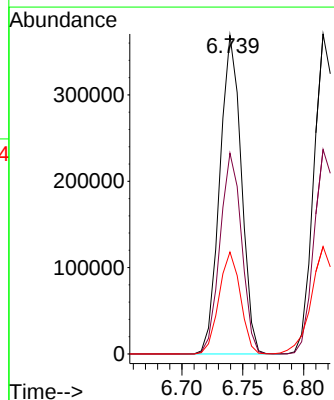
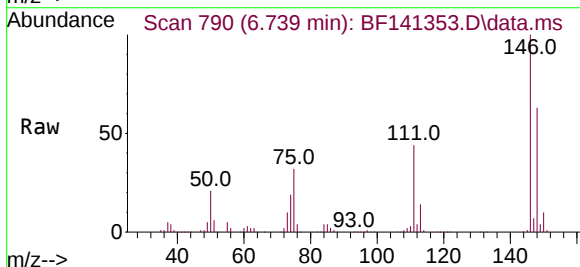
Manual Integrations
APPROVED

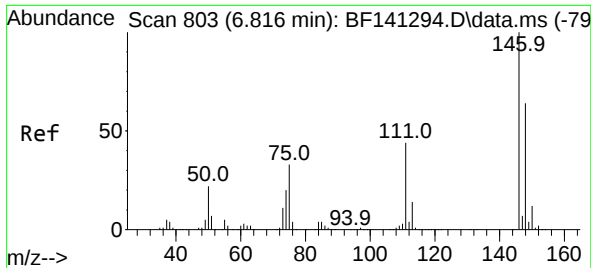
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 39.416 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:146 Resp: 454158
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 32.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.688 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MSD

Tgt Ion:146 Resp: 459392

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

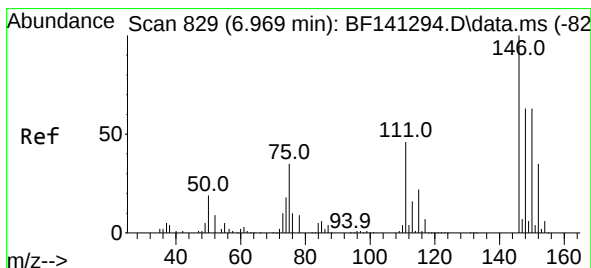
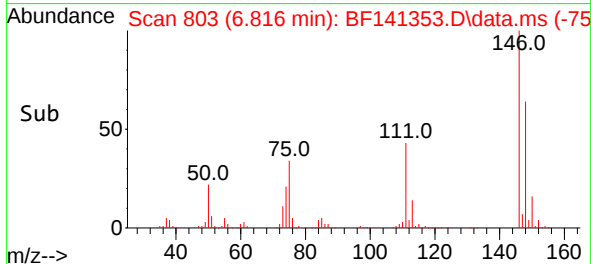
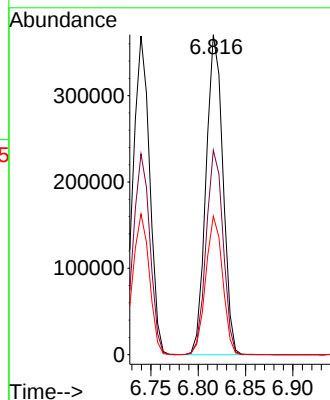
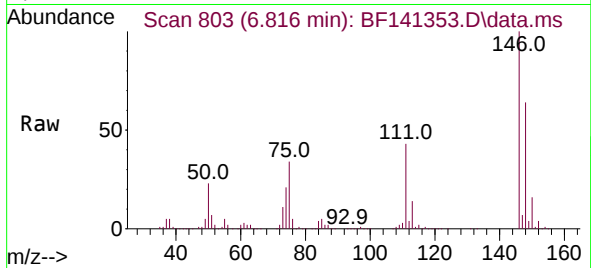
111 43.3 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 40.277 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

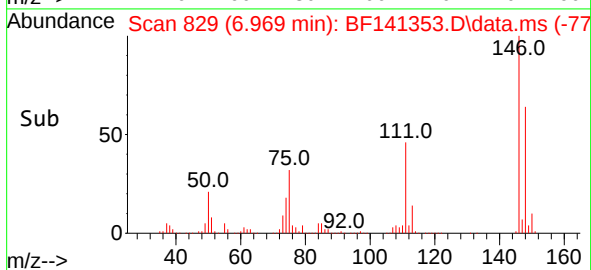
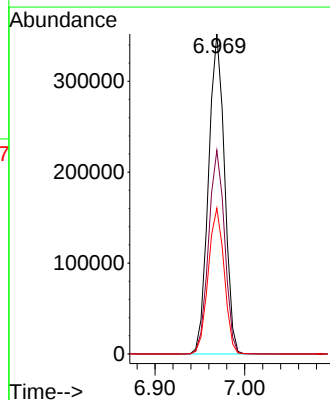
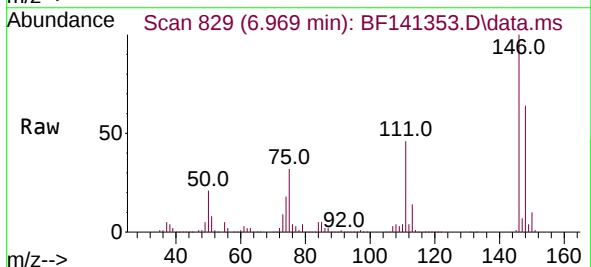
Tgt Ion:146 Resp: 436553

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

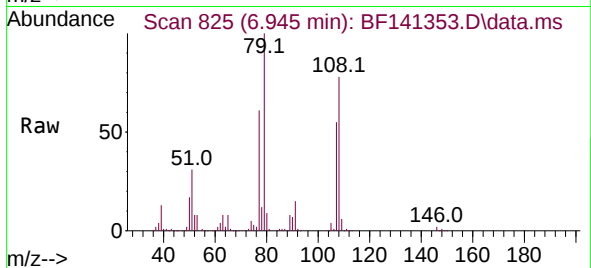
111 45.6 36.6 55.0





#15
Benzyl Alcohol
Concen: 43.929 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

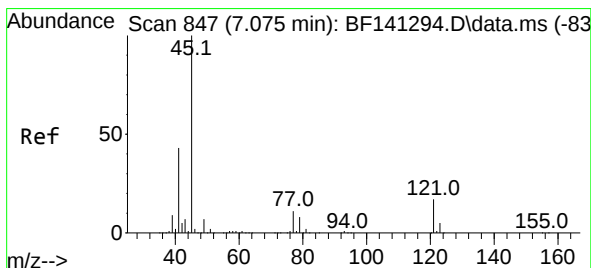
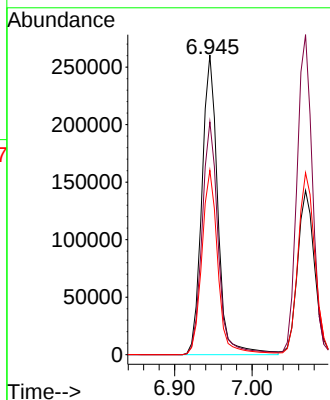
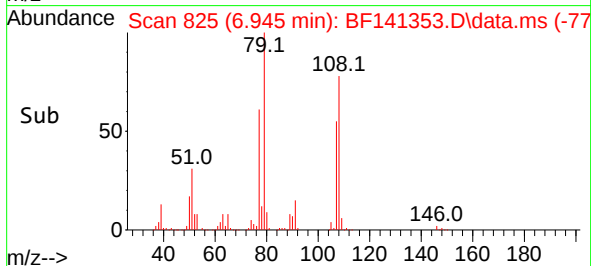
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion: 79 Resp: 37234
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 61.5 49.9 74.9

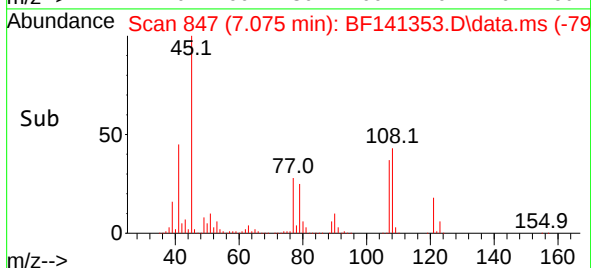
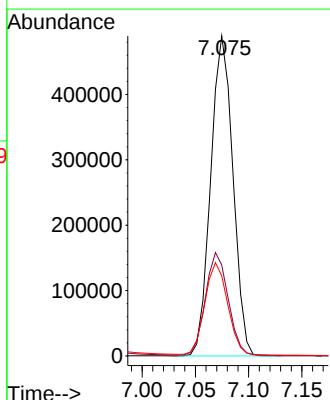
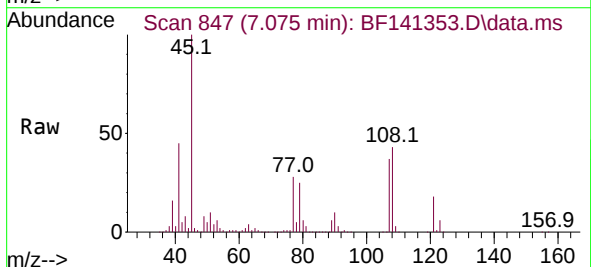
Manual Integrations
APPROVED

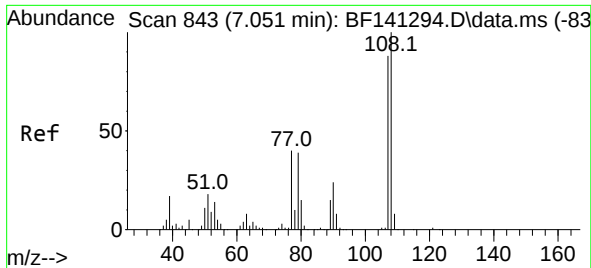
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.504 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

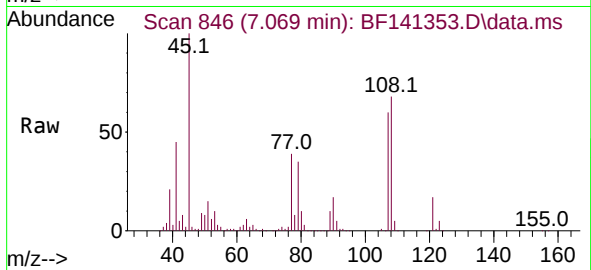
Tgt Ion: 45 Resp: 710017
Ion Ratio Lower Upper
45 100
77 28.4 0.0 31.8
79 25.0 0.0 29.1





#17
2-Methylphenol
Concen: 39.707 ng
RT: 7.069 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

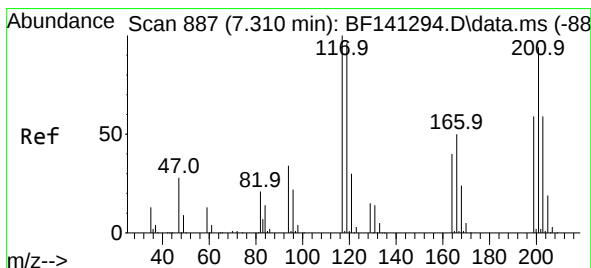
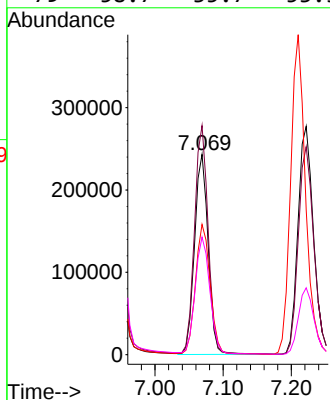
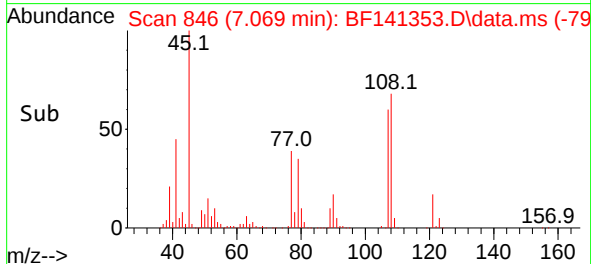
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:107 Resp: 337228
Ion Ratio Lower Upper
107 100
108 114.4 90.8 136.2
77 65.0 36.2 54.4
79 58.7 35.7 53.5#

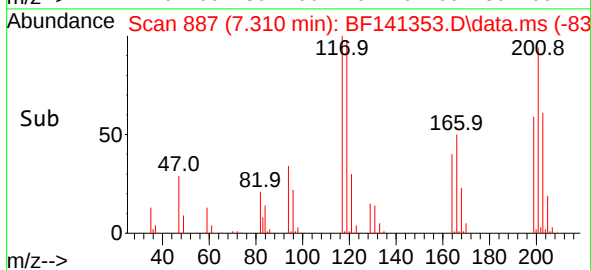
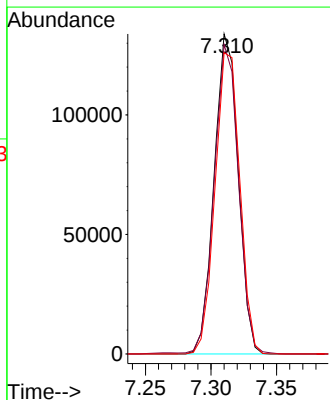
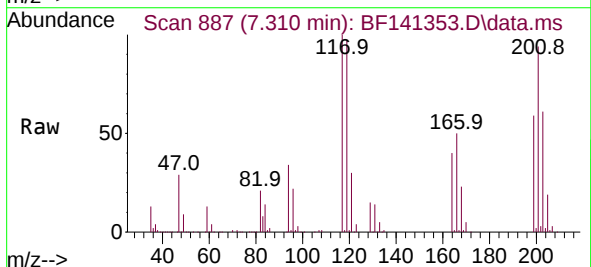
Manual Integrations
APPROVED

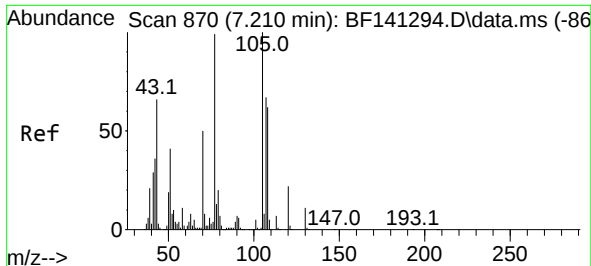
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 39.969 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

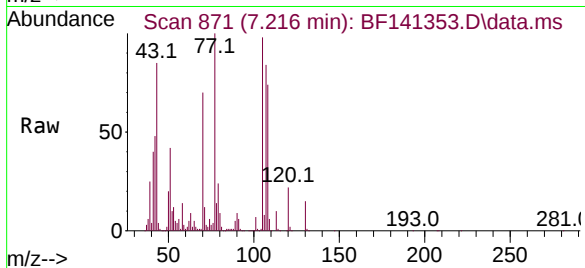
Tgt Ion:117 Resp: 170674
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8
201 94.1 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.610 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

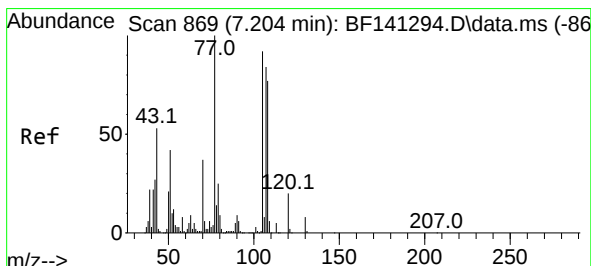
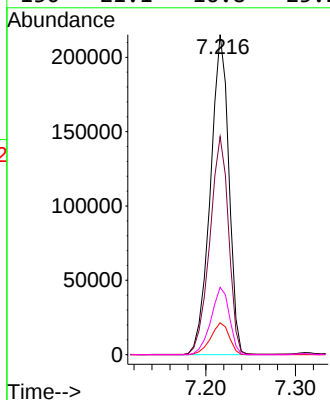
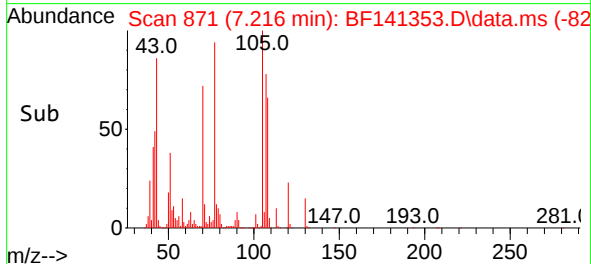
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



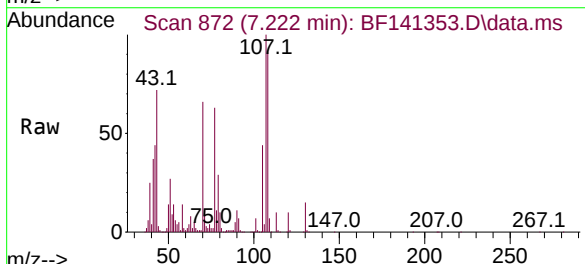
Tgt Ion: 70 Resp: 306652
Ion Ratio Lower Upper
70 100
42 68.2 56.8 85.2
101 10.0 7.7 11.5
130 21.1 16.8 25.2

Manual Integrations
APPROVED

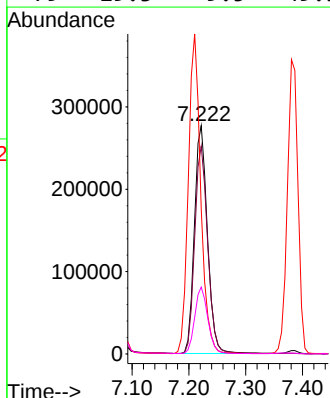
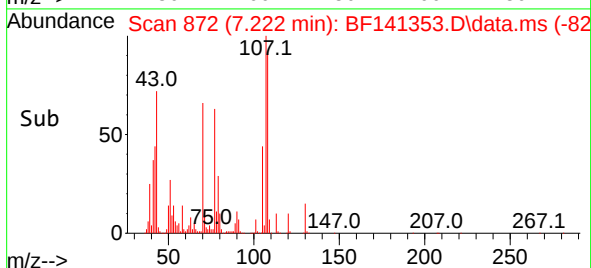
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
3+4-Methylphenols
Concen: 42.262 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



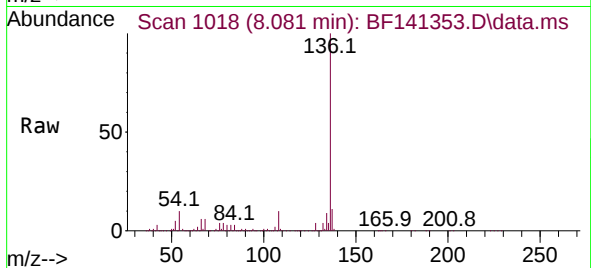
Tgt Ion:107 Resp: 440708
Ion Ratio Lower Upper
107 100
108 91.2 70.9 110.9
77 63.4 98.5 138.5#
79 29.3 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

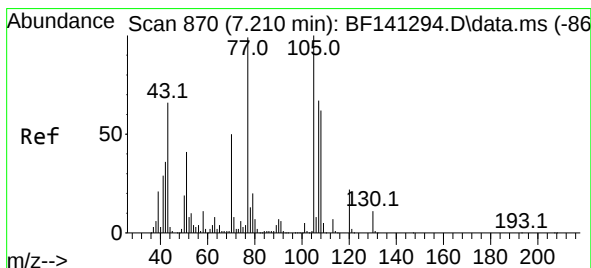
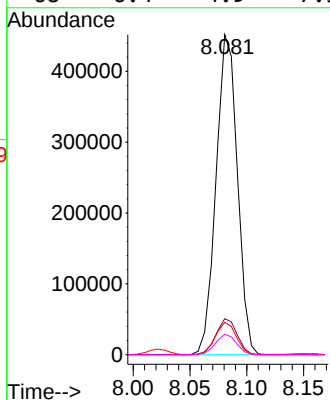
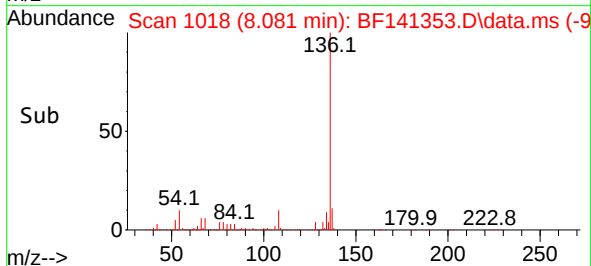
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:	136	Resp:	58989
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	10.2	7.8	11.8
68	6.4	4.9	7.3

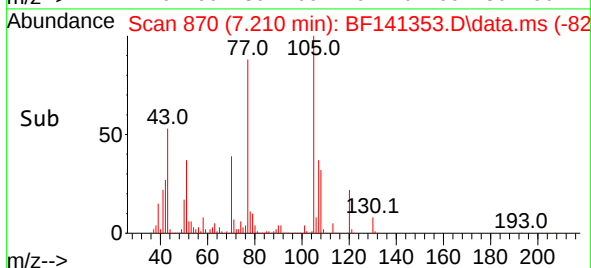
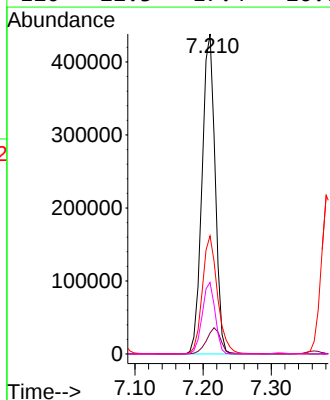
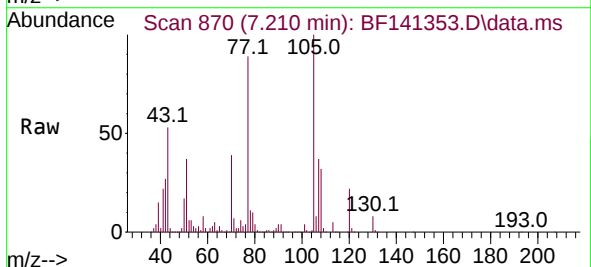
Manual Integrations
APPROVED

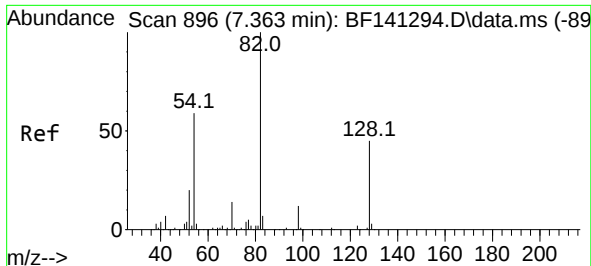
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 41.770 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:	105	Resp:	585685
Ion Ratio	Lower	Upper	
105	100		
71	6.6	6.8	10.2#
51	36.9	32.6	49.0
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 64.326 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MSD

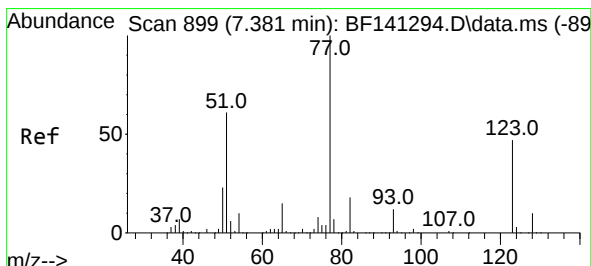
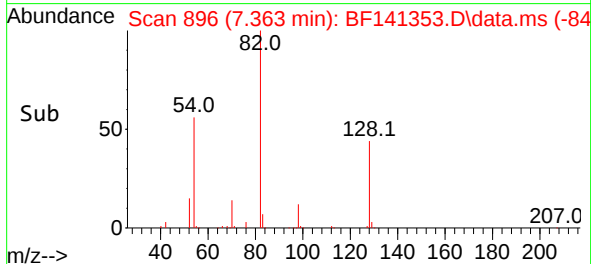
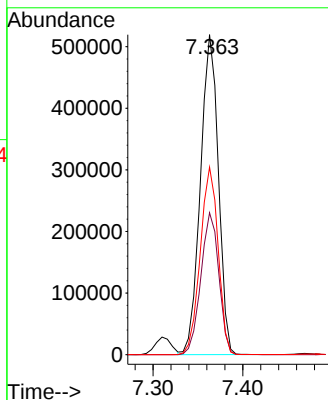
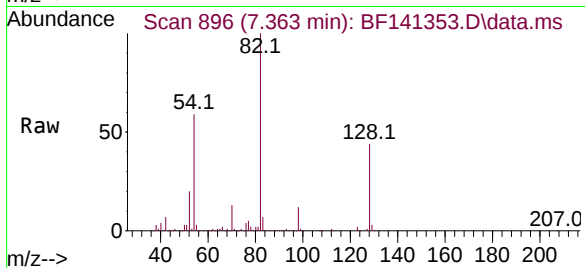
Tgt Ion: 82 Resp: 71980

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	58.6	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 40.009 ng

RT: 7.381 min Scan# 899

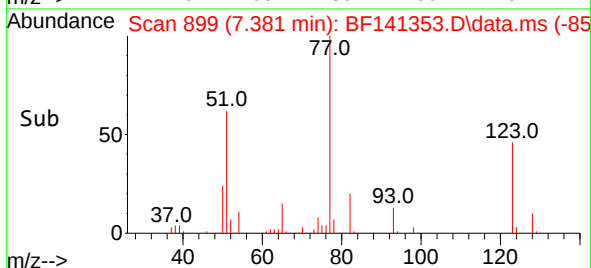
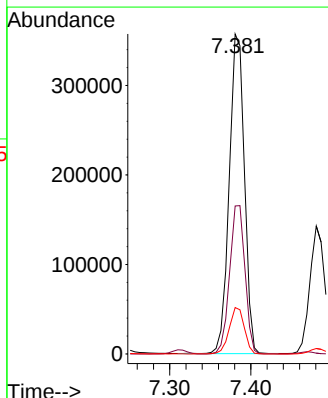
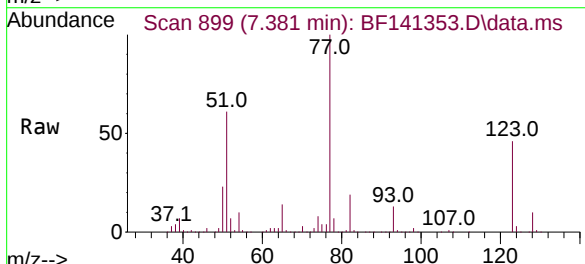
Delta R.T. -0.012 min

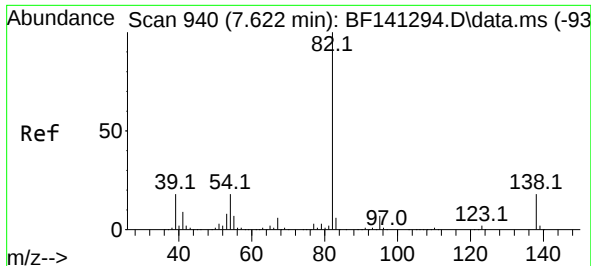
Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Tgt Ion: 77 Resp: 463958

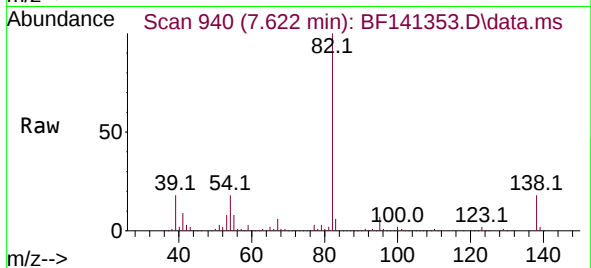
Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.3	55.9
65	14.5	11.8	17.6





#25
Isophorone
Concen: 42.053 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

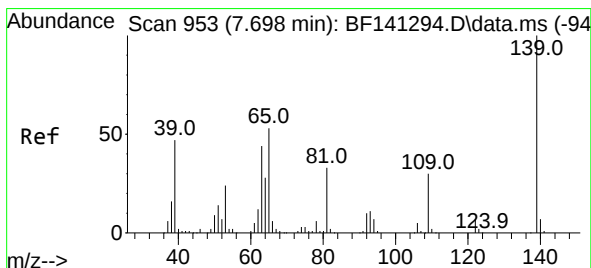
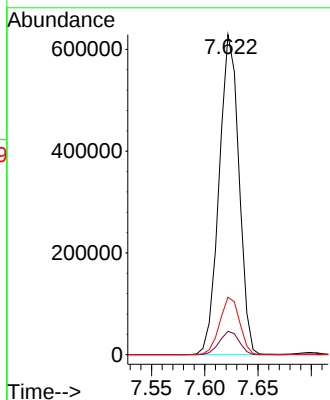
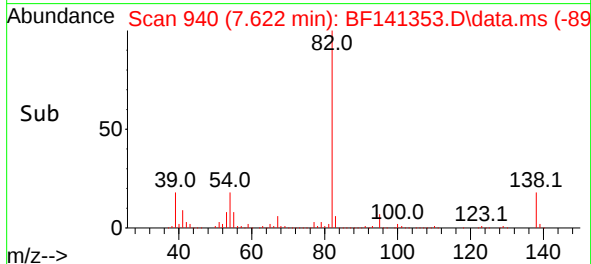
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



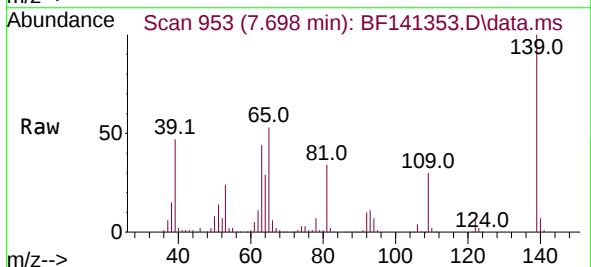
Tgt Ion: 82 Resp: 81342
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.9 14.7 22.1

Manual Integrations
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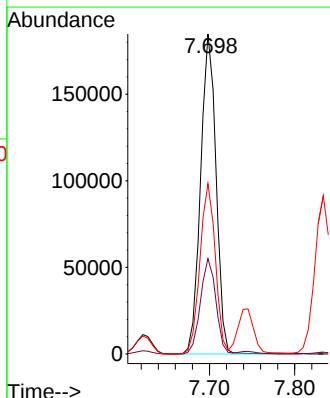
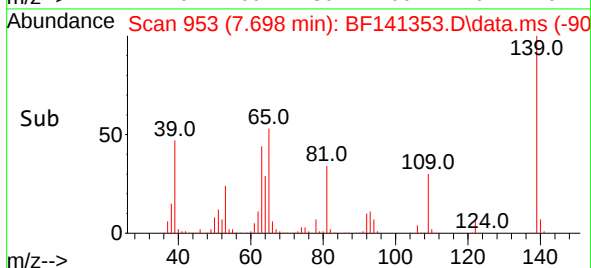
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 42.556 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:139 Resp: 232740
Ion Ratio Lower Upper
139 100
109 29.8 23.8 35.6
65 53.3 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.727 ng m

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141353.D

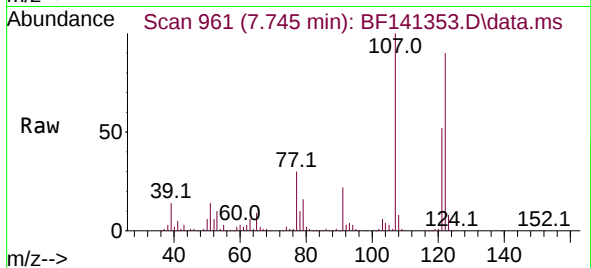
Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MSD



Tgt Ion:122 Resp: 346152

Ion Ratio Lower Upper

122 100

107 110.7 89.9 134.9

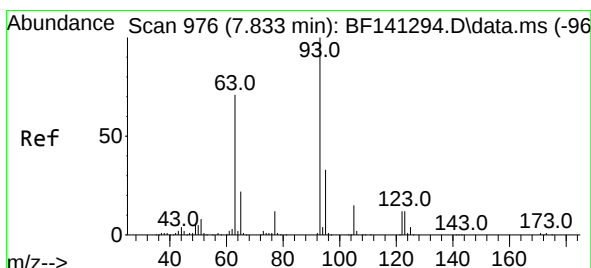
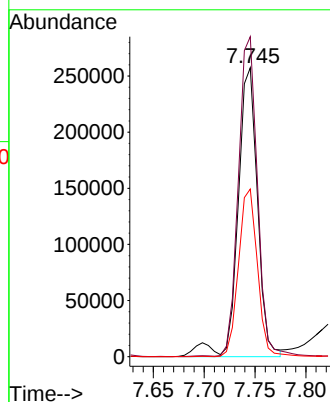
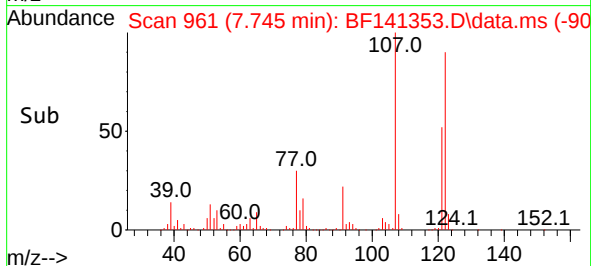
121 58.0 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.726 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

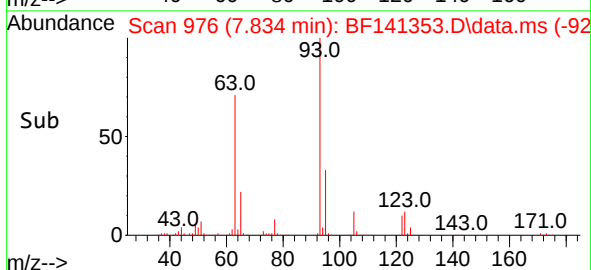
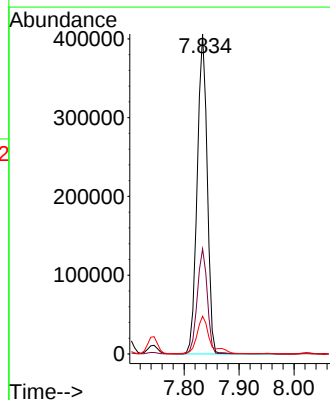
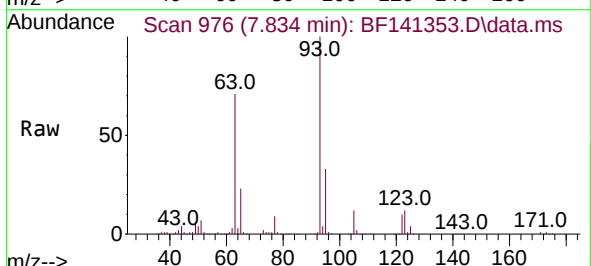
Tgt Ion: 93 Resp: 514821

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.921 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

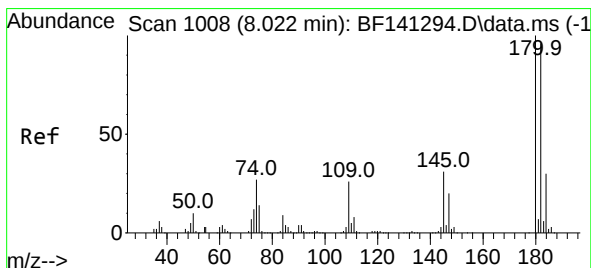
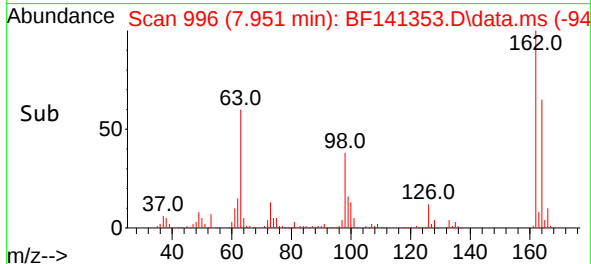
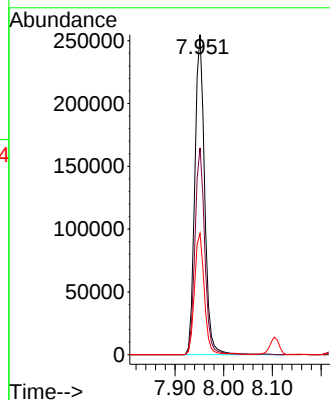
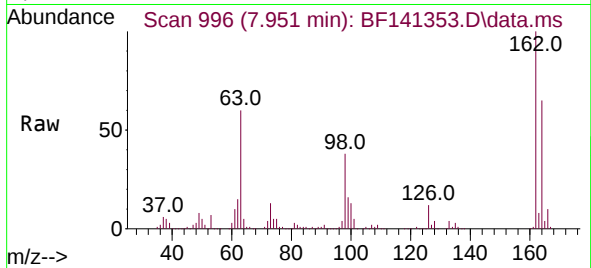
B-113-SB02MSD

Tgt Ion:162 Resp: 35724
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.2 84.2
 98 37.9 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.191 ng

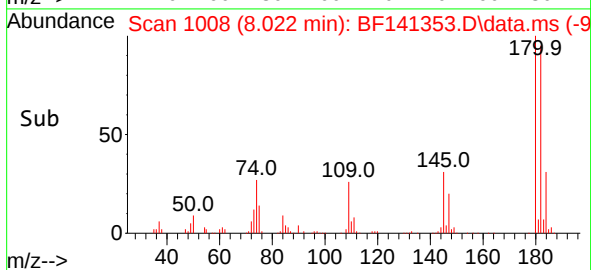
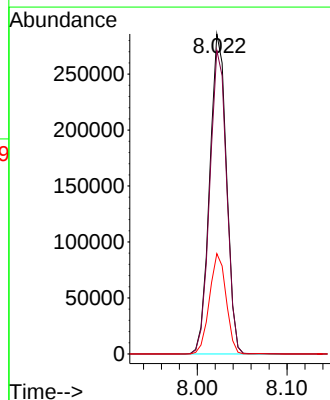
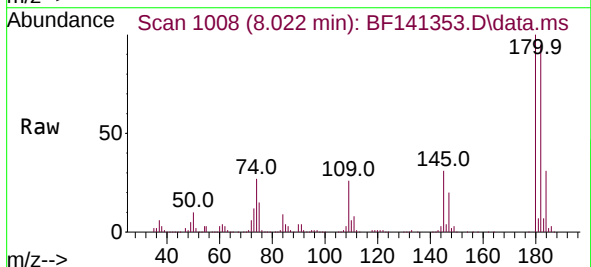
RT: 8.022 min Scan# 1008

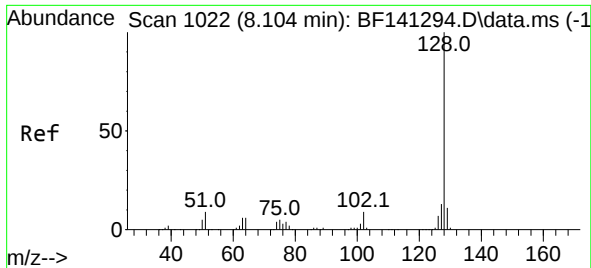
Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

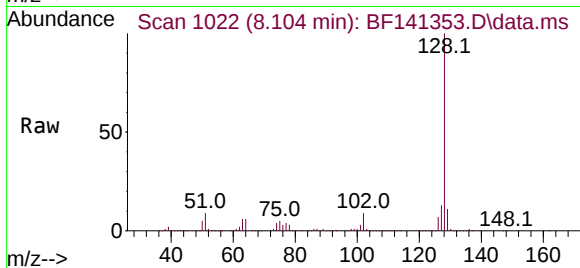
Tgt Ion:180 Resp: 371686
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 31.3 24.9 37.3





#31
Naphthalene
Concen: 39.847 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

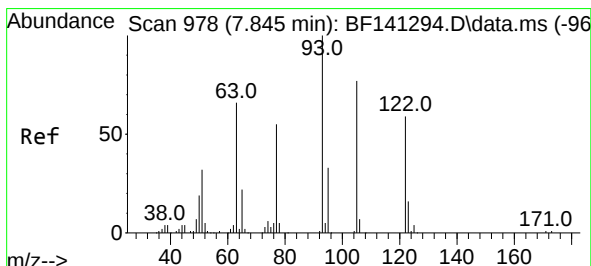
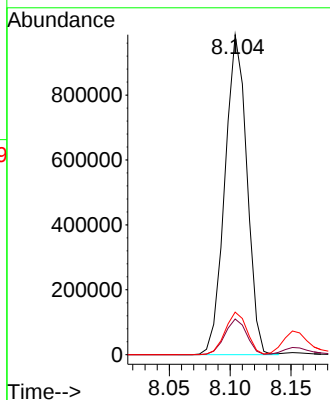
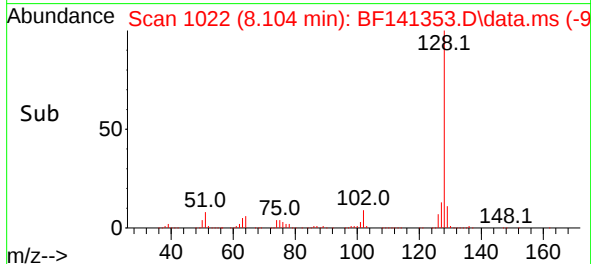
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:128 Resp: 124172
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 15.8

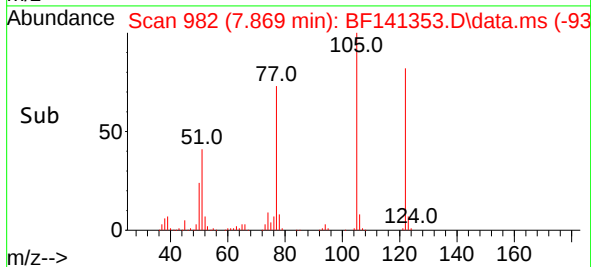
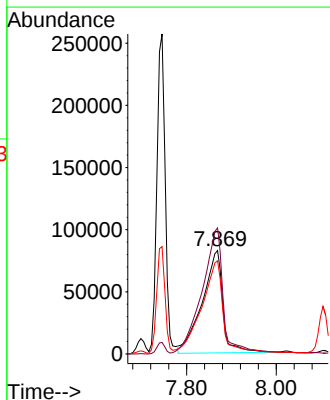
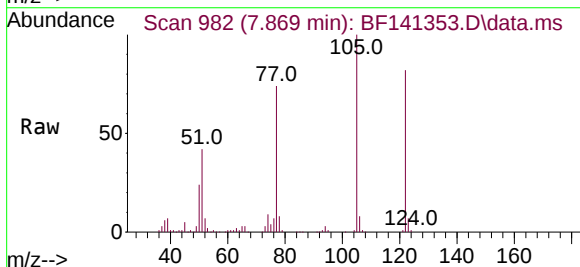
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 41.230 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:122 Resp: 263841
Ion Ratio Lower Upper
122 100
105 121.9 103.4 143.4
77 90.1 70.9 110.9





#33
4-Chloroaniline
Concen: 11.709 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

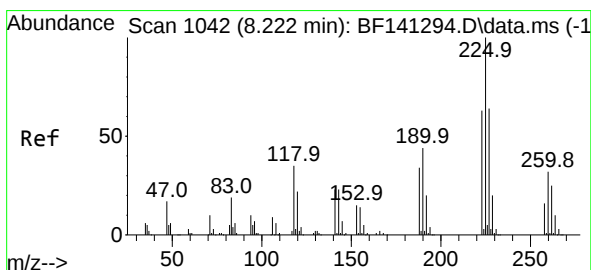
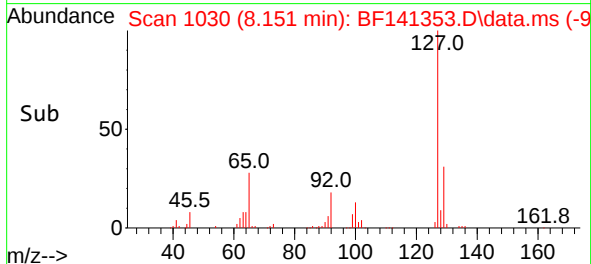
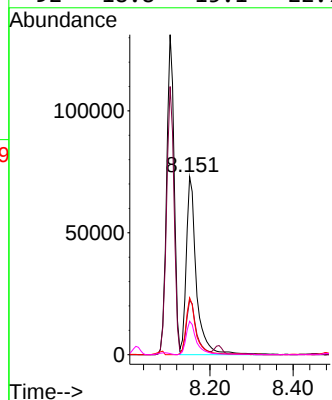
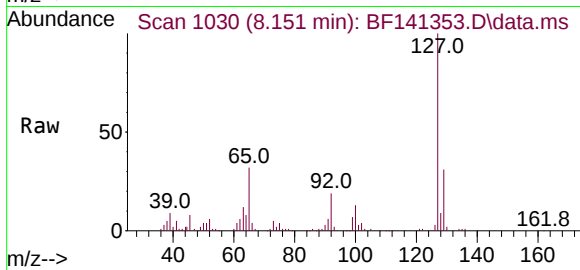
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:127 Resp: 123735

Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.7	38.5
65	32.0	26.4	39.6
92	18.8	15.1	22.7

Manual Integrations
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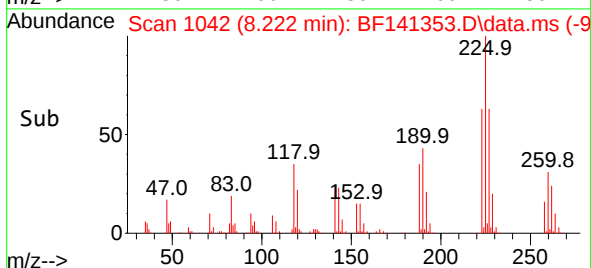
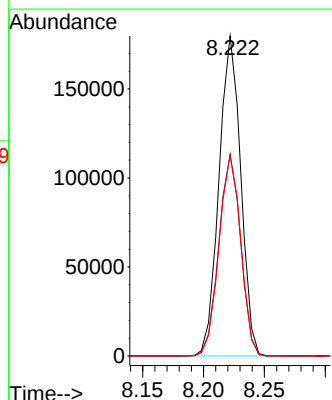
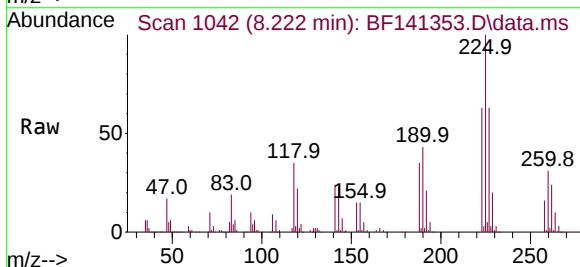
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 39.091 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:225 Resp: 223107

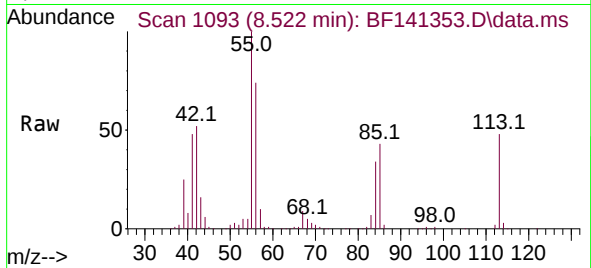
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	62.8	51.3	76.9





#35
Caprolactam
Concen: 41.781 ng
RT: 8.522 min Scan# 1115
Delta R.T. -0.024 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

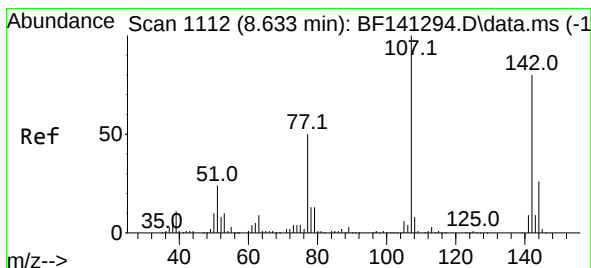
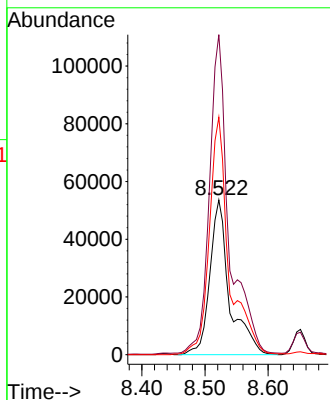
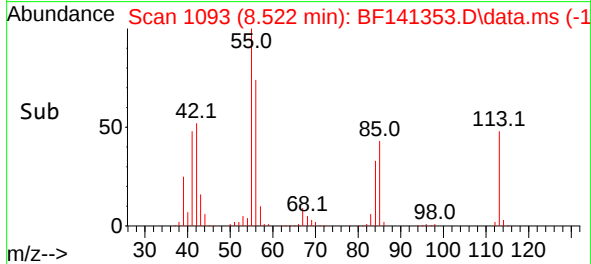
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:113 Resp: 11628
Ion Ratio Lower Upper
113 100
55 206.8 182.9 222.9
56 153.4 127.9 167.9

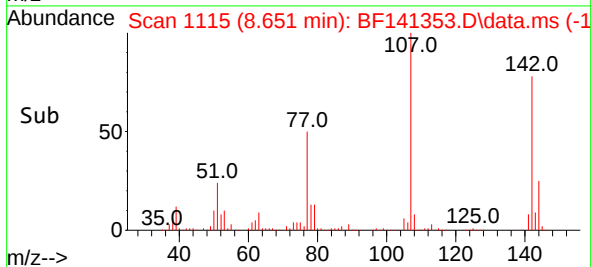
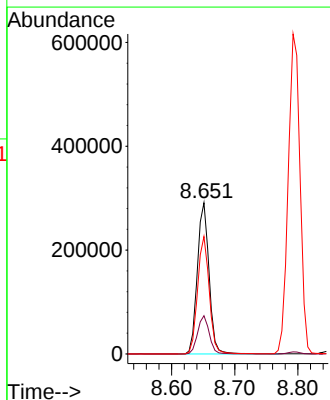
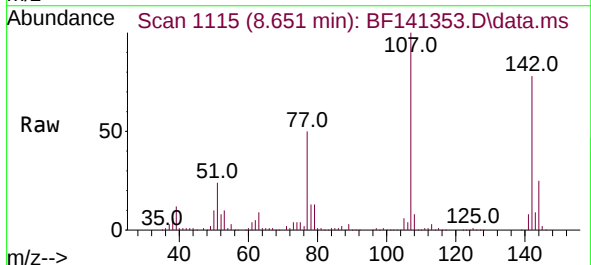
Manual Integrations
APPROVED

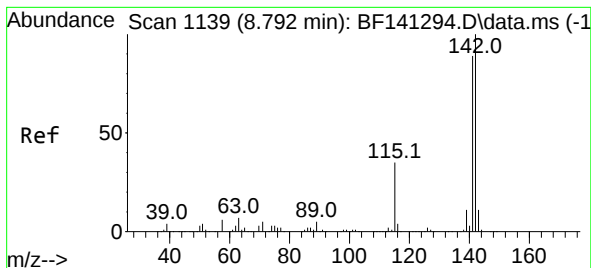
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 41.132 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

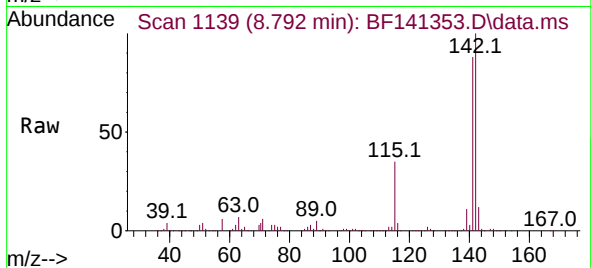
Tgt Ion:107 Resp: 375991
Ion Ratio Lower Upper
107 100
144 25.3 20.7 31.1
142 77.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.265 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

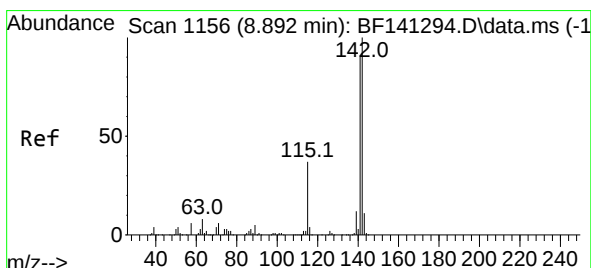
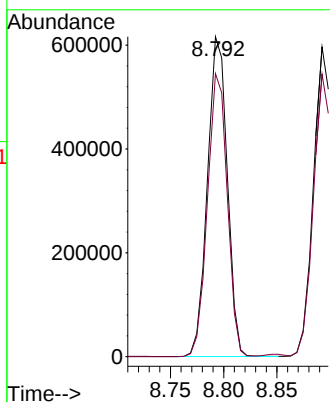
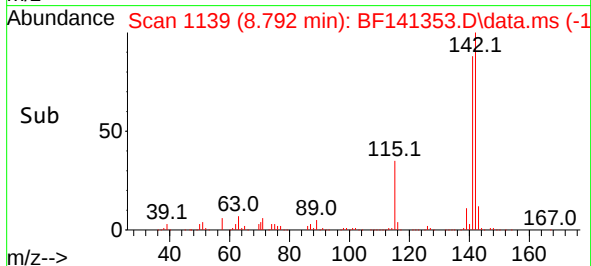
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:142 Resp: 797510
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

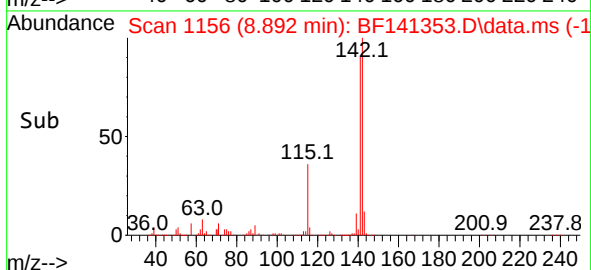
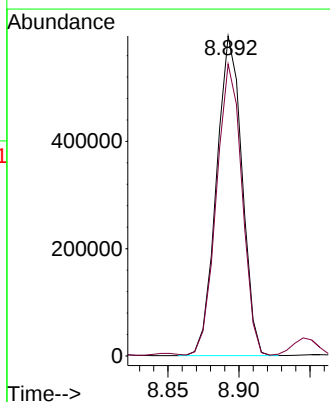
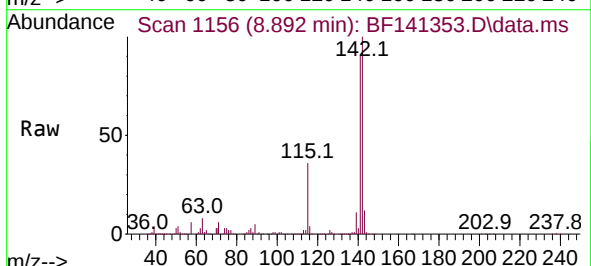
Manual Integrations
APPROVED

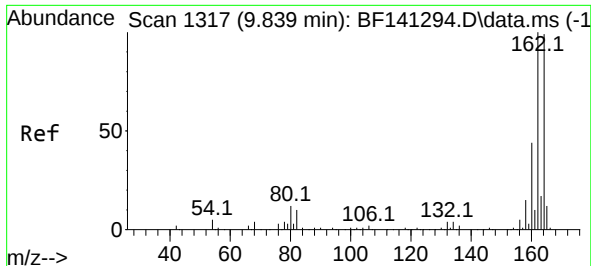
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 38.311 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

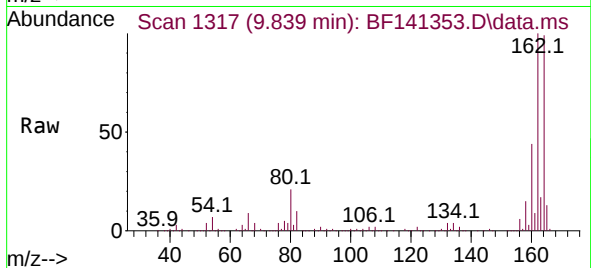
Tgt Ion:142 Resp: 745385
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

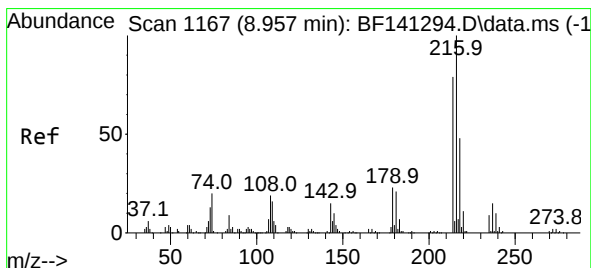
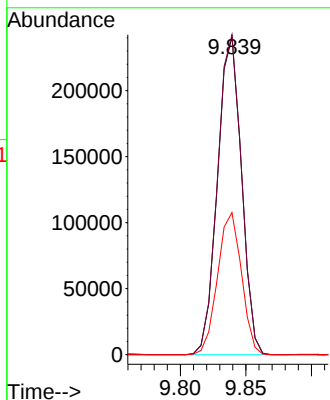
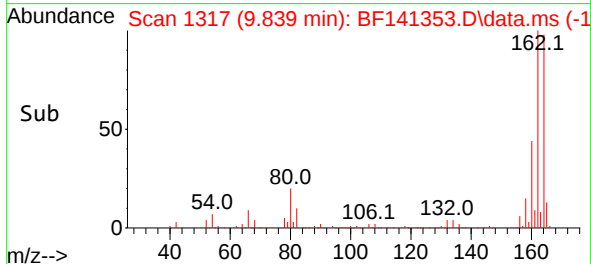
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:164 Resp: 304724
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.7 35.8 53.6

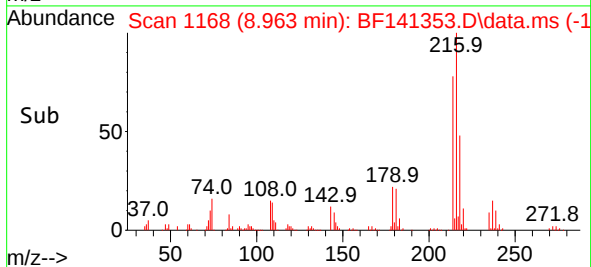
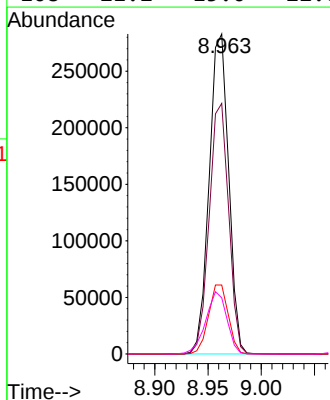
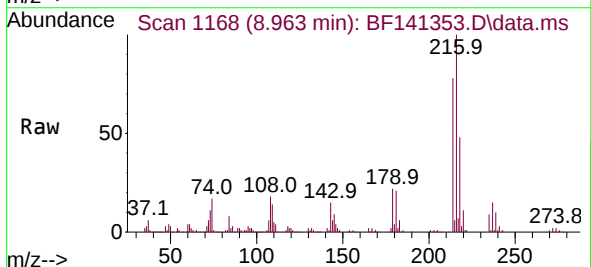
Manual Integrations
APPROVED

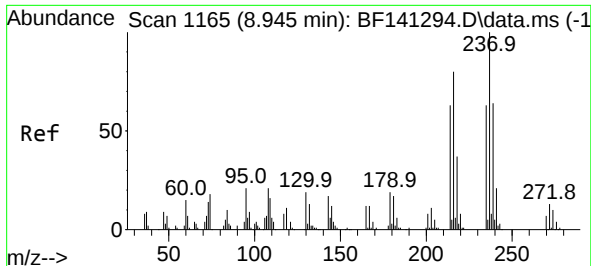
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.338 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

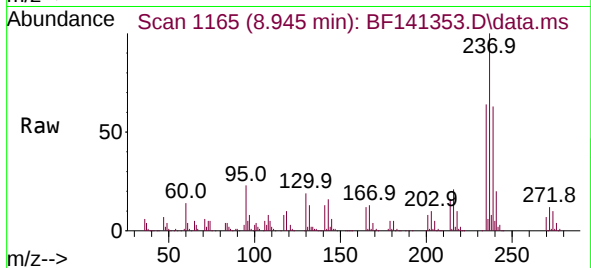
Tgt Ion:216 Resp: 358360
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 22.0 17.8 26.8
108 21.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 129.149 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

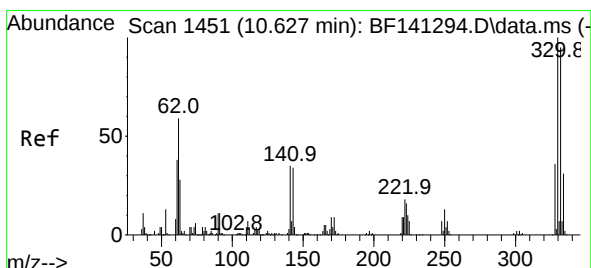
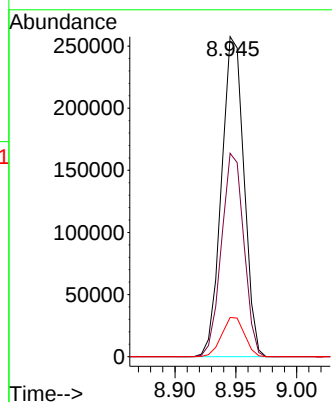
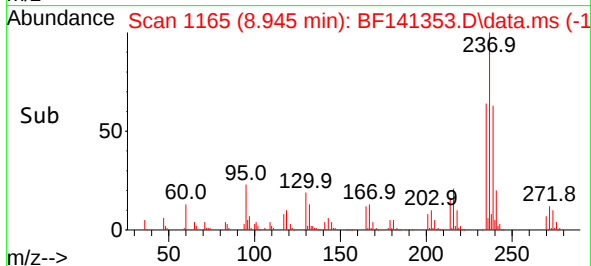
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



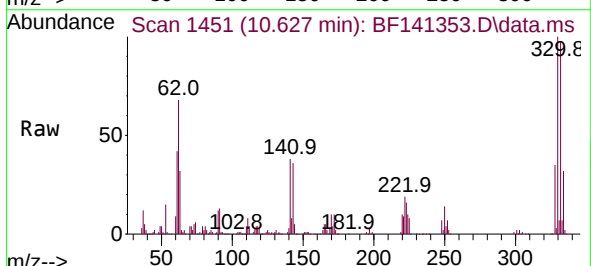
Tgt Ion:237 Resp: 330649
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.3 0.0 32.8

Manual Integrations
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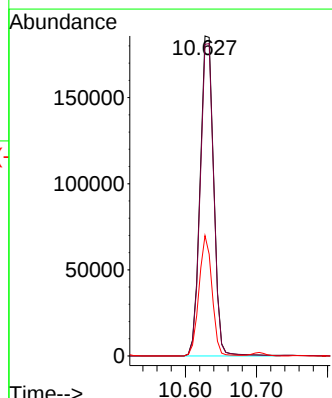
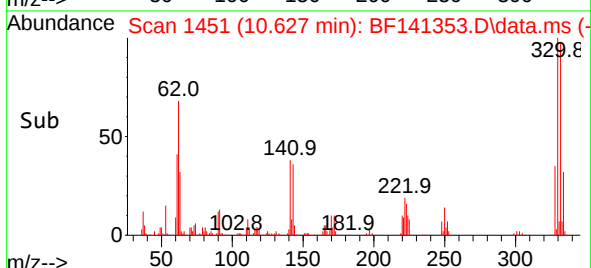
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 88.864 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



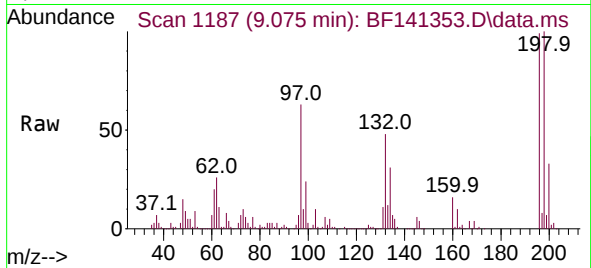
Tgt Ion:330 Resp: 248253
Ion Ratio Lower Upper
330 100
332 97.1 76.1 114.1
141 36.1 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 42.606 ng
RT: 9.075 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

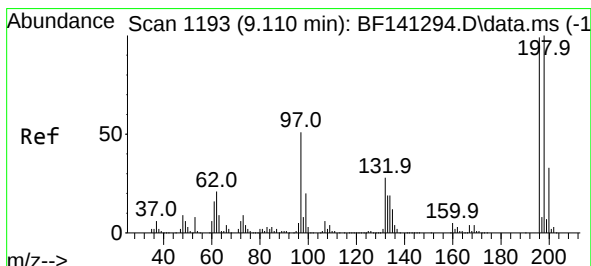
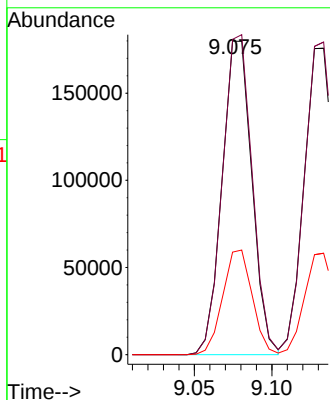
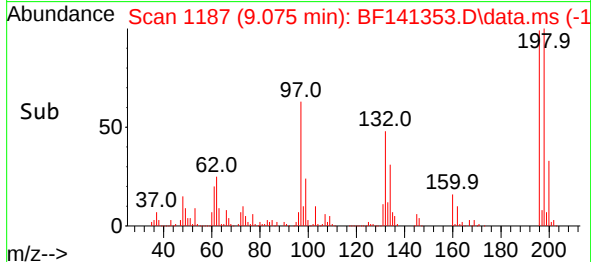
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



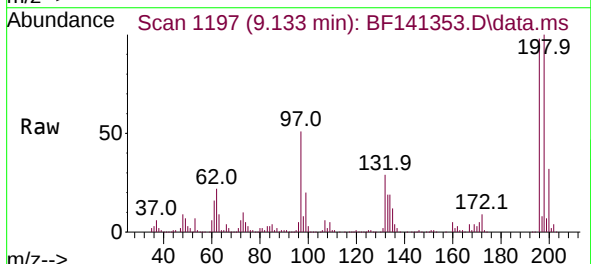
Tgt Ion:196 Resp: 24175
Ion Ratio Lower Upper
196 100
198 100.6 81.8 122.6
200 32.7 26.3 39.5

Manual Integrations
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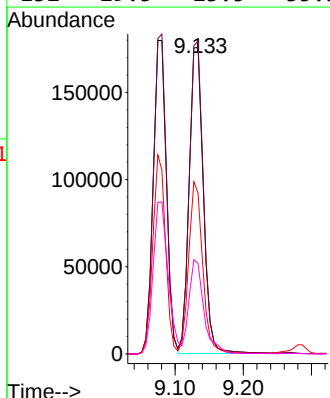
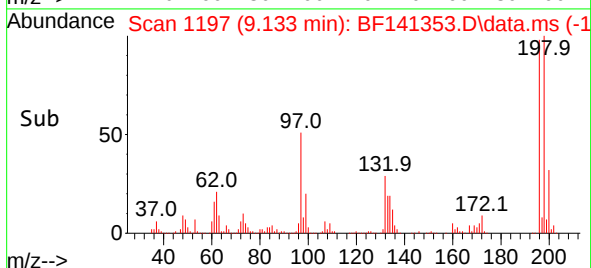
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

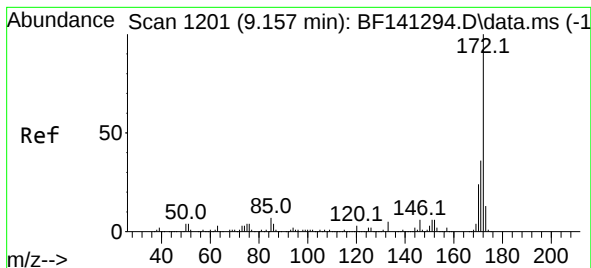


#44
2,4,5-Trichlorophenol
Concen: 40.992 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.017 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:196 Resp: 253156
Ion Ratio Lower Upper
196 100
198 102.0 80.5 120.7
97 52.5 42.8 64.2
132 29.5 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 60.924 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141353.D

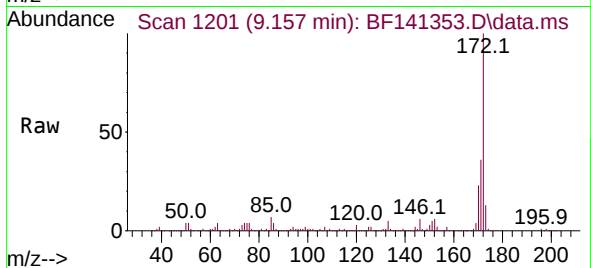
Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MSD



Tgt Ion:172 Resp: 120616

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

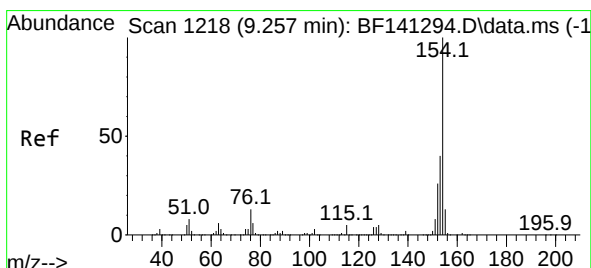
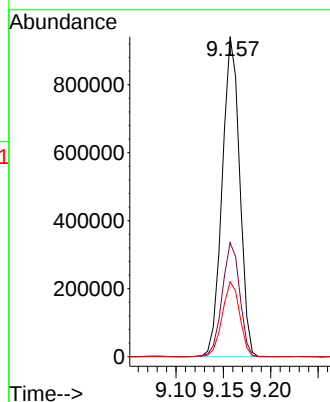
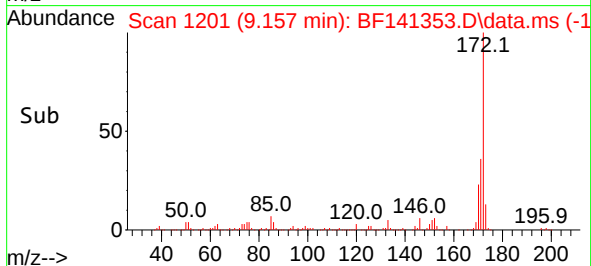
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#46

1,1'-Biphenyl

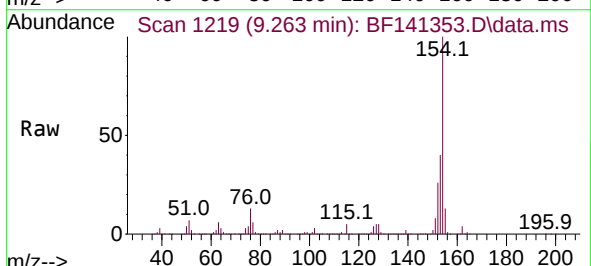
Concen: 41.329 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57



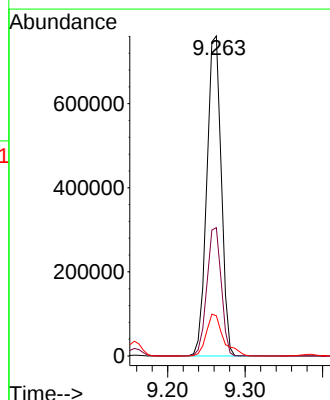
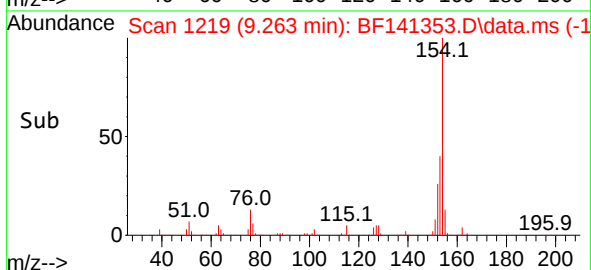
Tgt Ion:154 Resp: 982186

Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 12.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.379 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

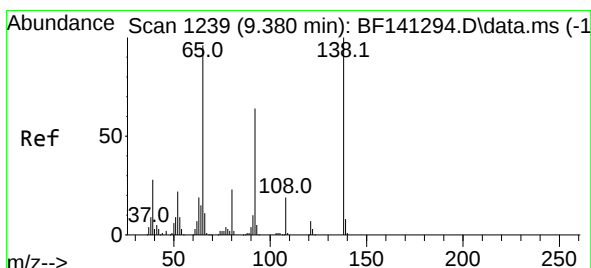
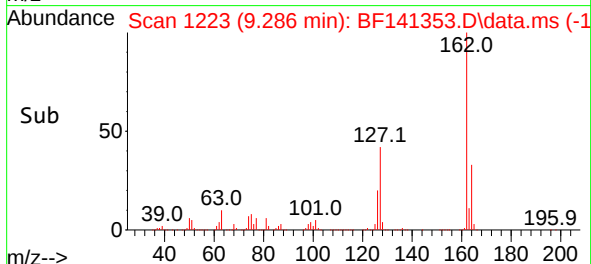
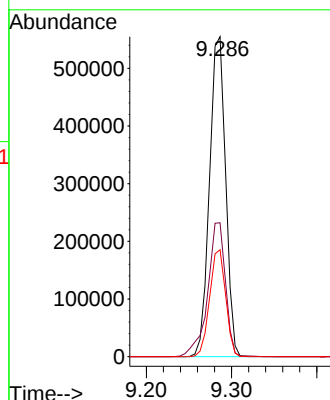
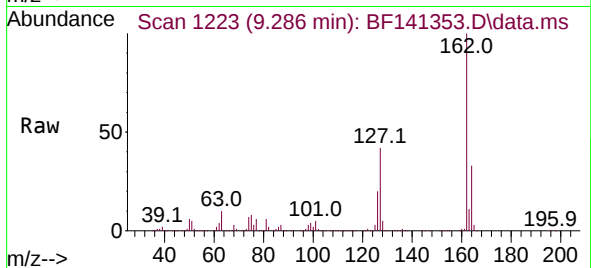
B-113-SB02MSD

Tgt Ion:162 Resp: 729439
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.7 50.5
 164 33.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 42.870 ng

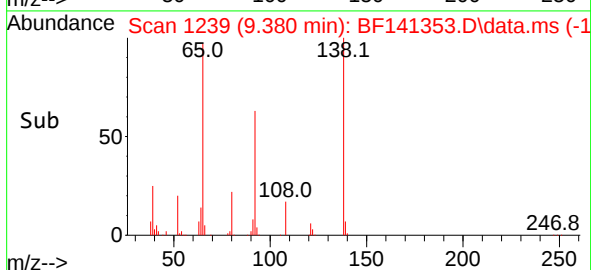
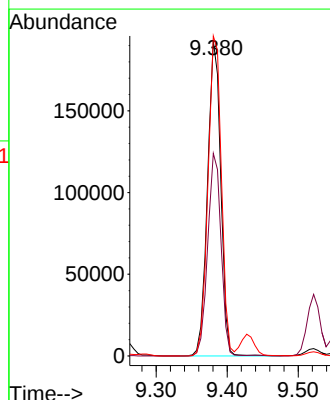
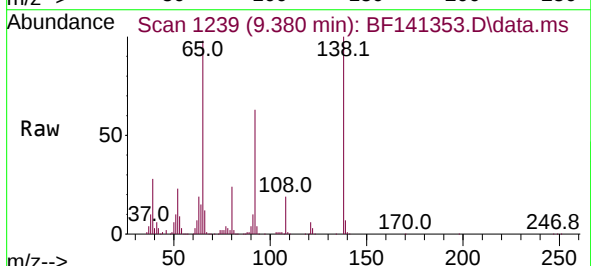
RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

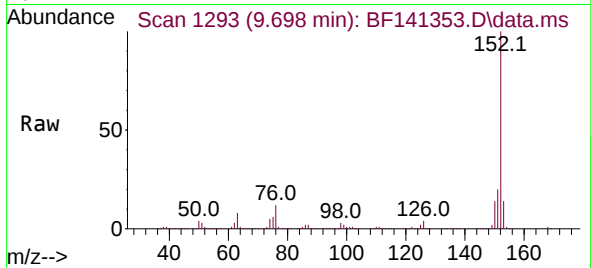
Tgt Ion: 65 Resp: 249777
 Ion Ratio Lower Upper
 65 100
 92 64.3 53.3 79.9
 138 101.6 83.6 125.4





#49
Acenaphthylene
Concen: 42.820 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

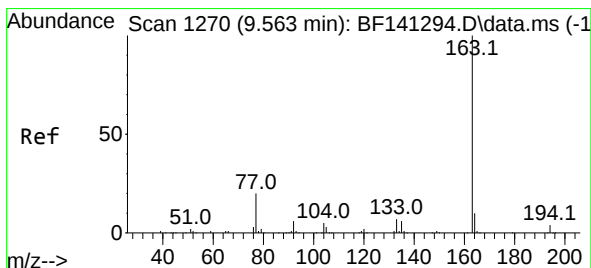
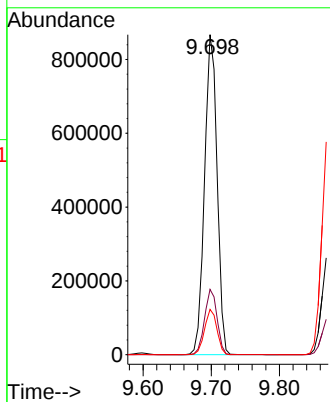
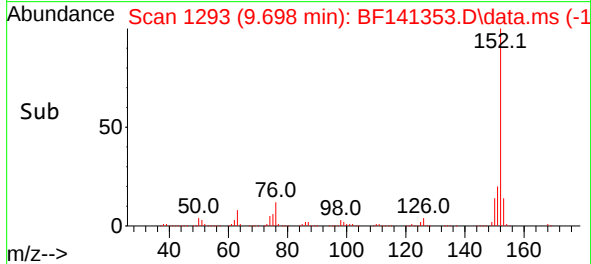
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



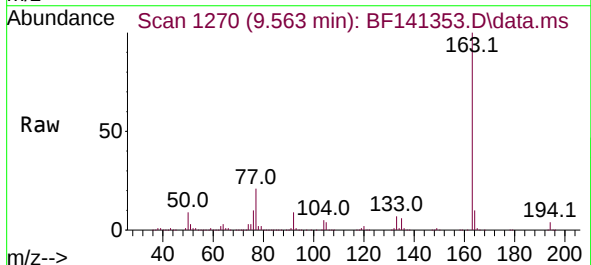
Tgt Ion:152 Resp: 111029
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.1 11.0 16.6

Manual Integrations
APPROVED

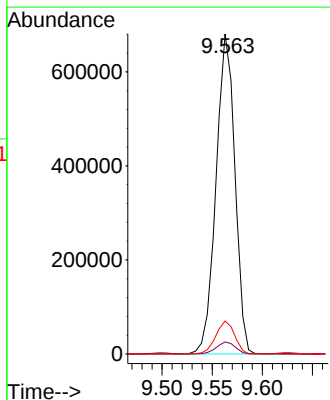
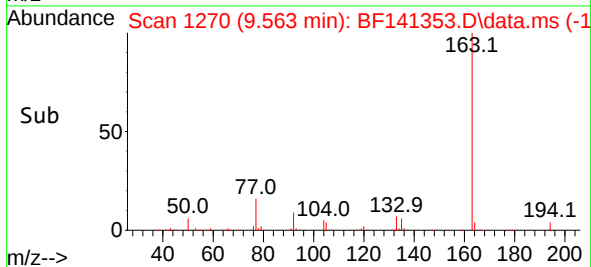
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

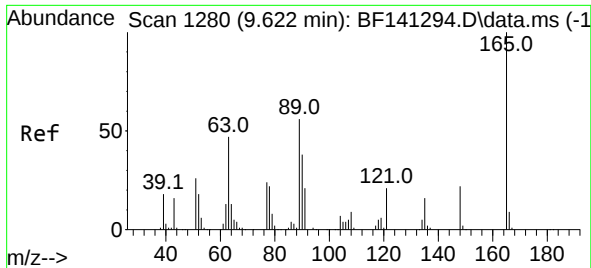


#50
Dimethylphthalate
Concen: 43.224 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:163 Resp: 889602
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.0 12.0





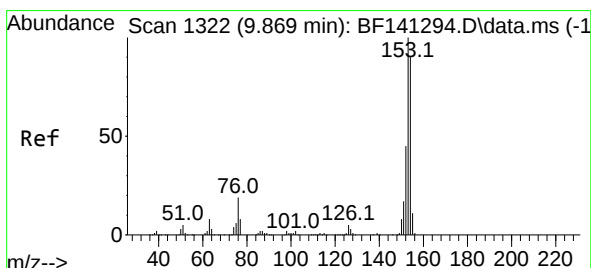
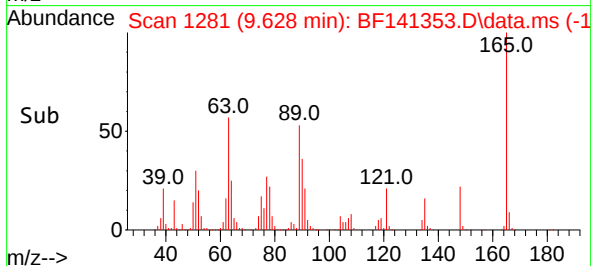
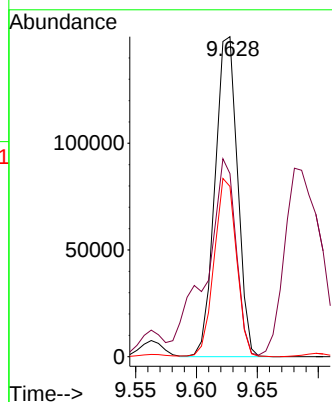
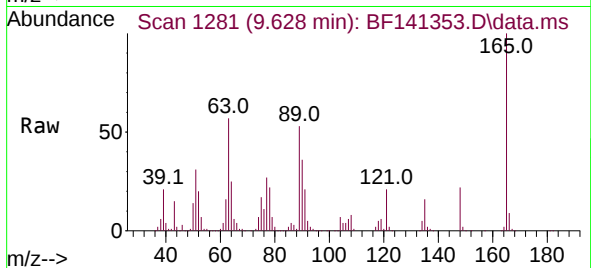
#51
2,6-Dinitrotoluene
Concen: 40.489 ng
RT: 9.628 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:165 Resp: 193485
Ion Ratio Lower Upper
165 100
63 57.2 48.1 72.1
89 53.2 44.9 67.3

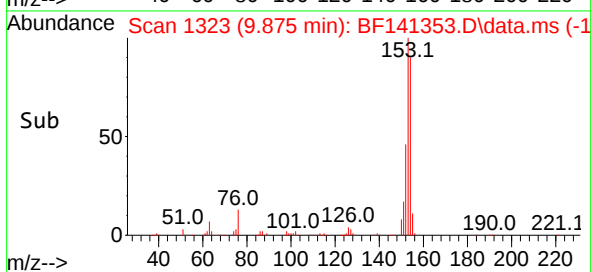
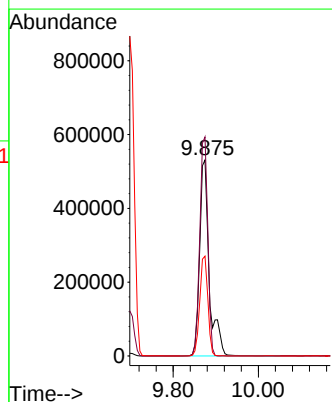
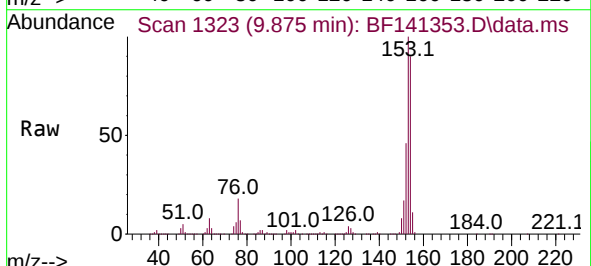
Manual Integrations
APPROVED

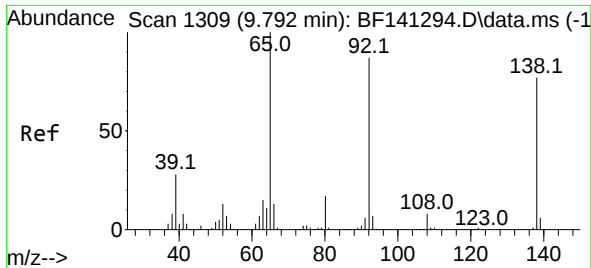
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 45.077 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

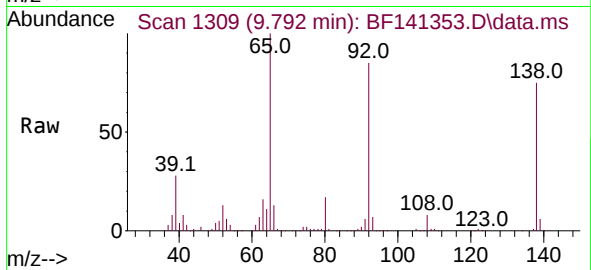
Tgt Ion:154 Resp: 835010
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 50.9 40.2 60.4





#53
3-Nitroaniline
Concen: 27.606 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

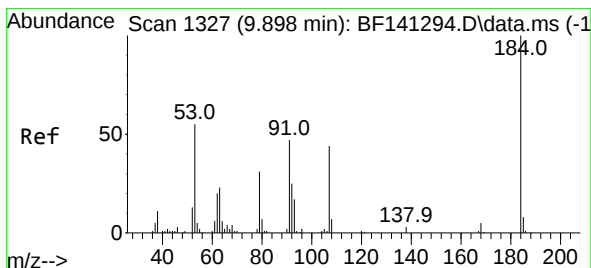
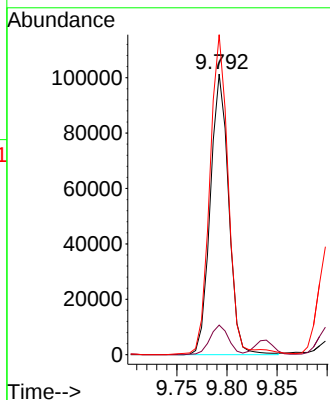
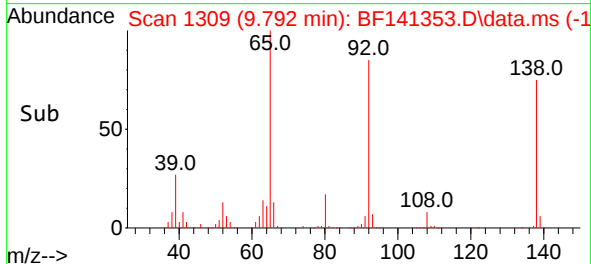
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:138 Resp: 12929
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 114.0 91.0 136.6

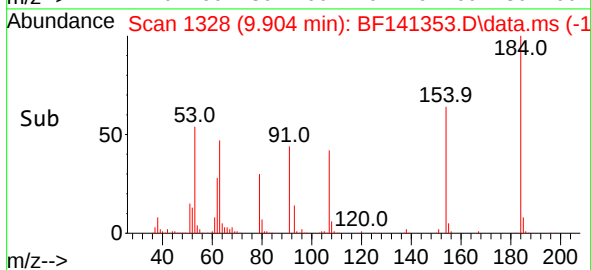
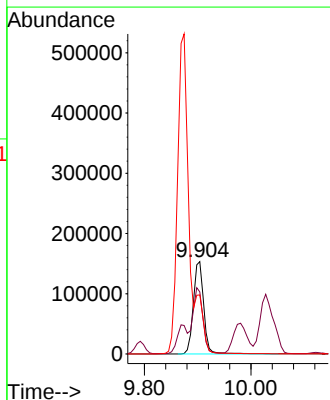
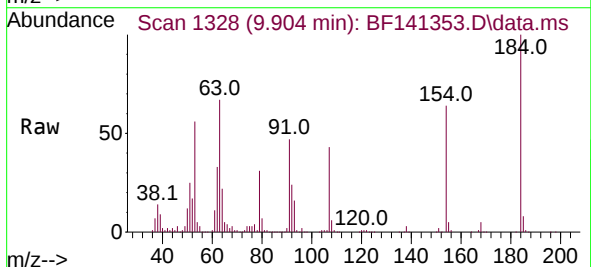
Manual Integrations
APPROVED

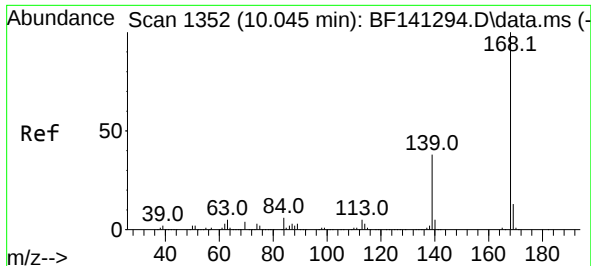
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 94.252 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

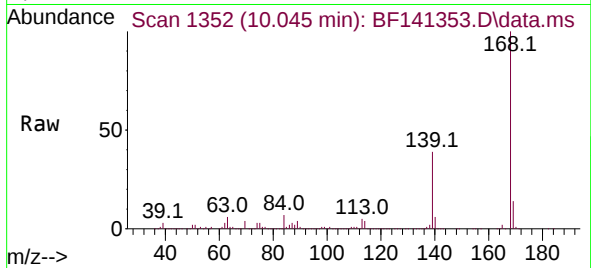
Tgt Ion:184 Resp: 209369
Ion Ratio Lower Upper
184 100
63 67.3 54.1 81.1
154 64.0 50.7 76.1





#55
Dibenzenofuran
Concen: 40.184 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

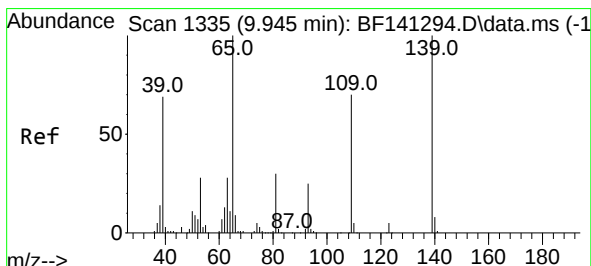
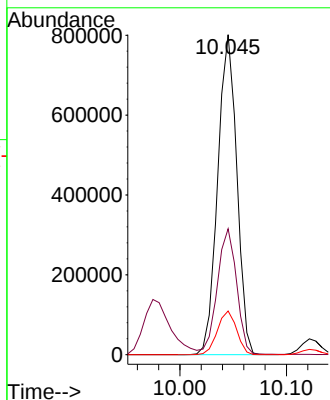
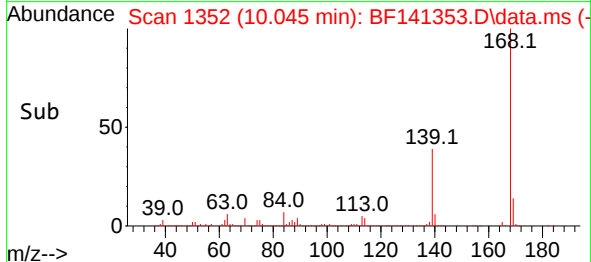
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:168 Resp: 996364
Ion Ratio Lower Upper
168 100
139 39.4 30.6 46.0
169 13.6 10.8 16.2

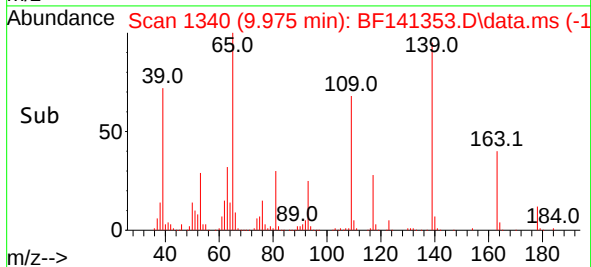
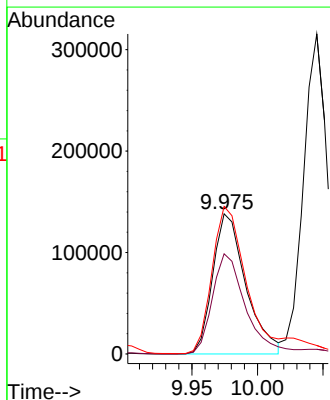
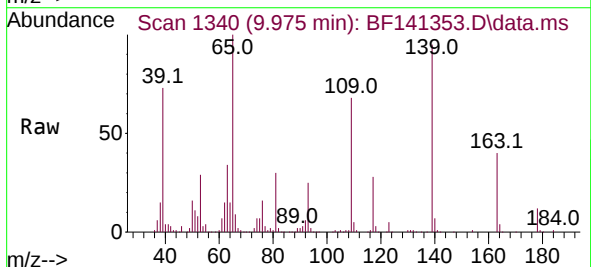
Manual Integrations
APPROVED

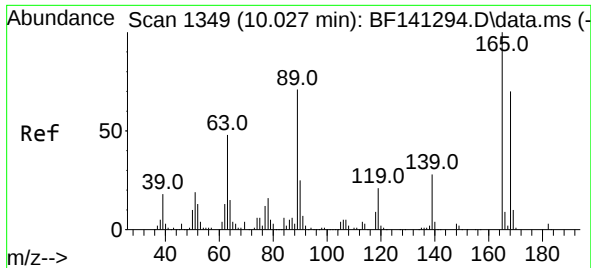
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 70.629 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:139 Resp: 241925
Ion Ratio Lower Upper
139 100
109 71.4 50.2 90.2
65 105.2 80.6 120.6





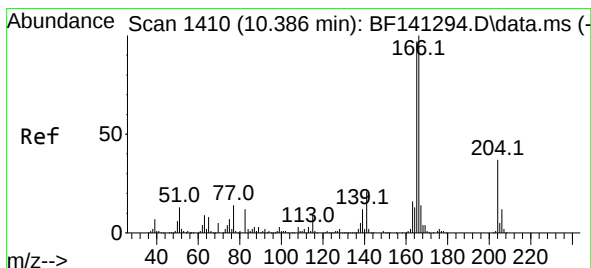
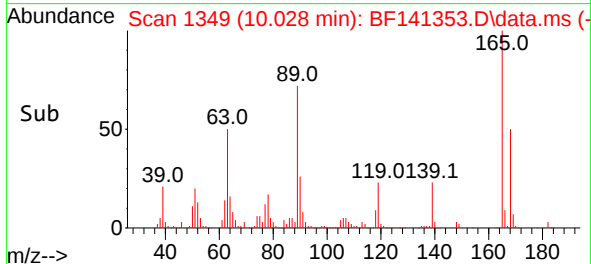
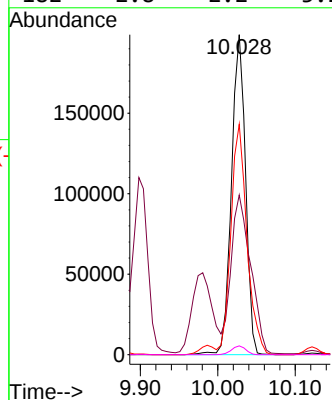
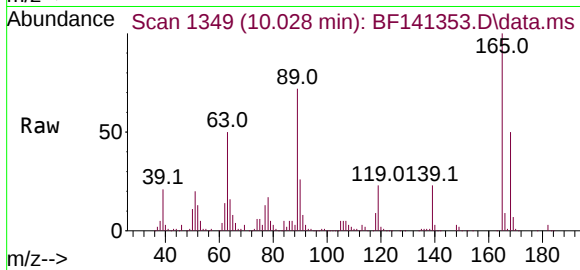
#57
2,4-Dinitrotoluene
Concen: 40.550 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:165 Resp: 250880
Ion Ratio Lower Upper
165 100
63 49.9 39.2 58.8
89 72.0 56.9 85.3
182 2.8 2.2 3.2

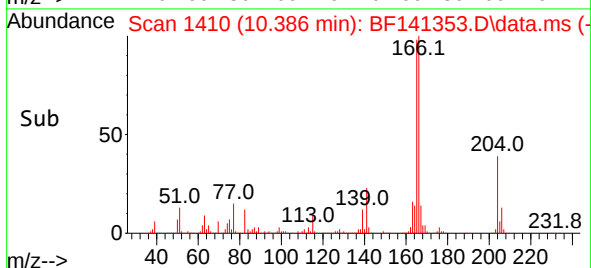
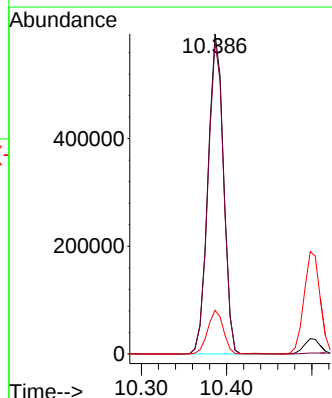
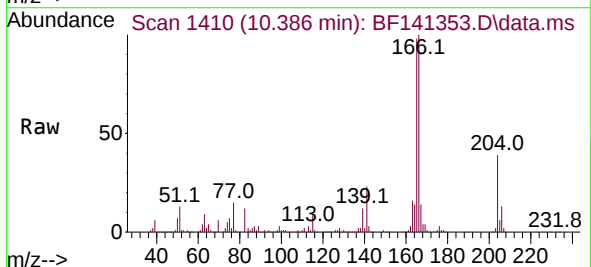
Manual Integrations
APPROVED

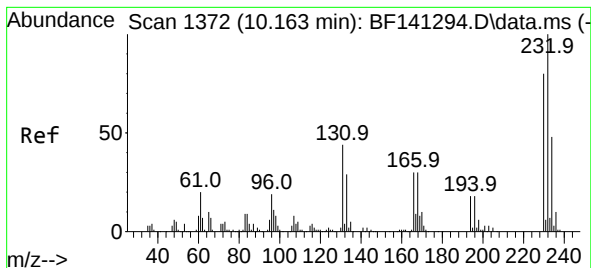
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 39.206 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

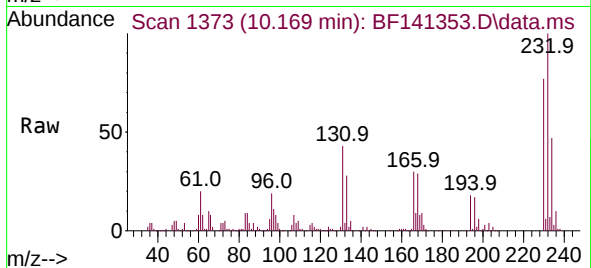
Tgt Ion:166 Resp: 754067
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.763 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

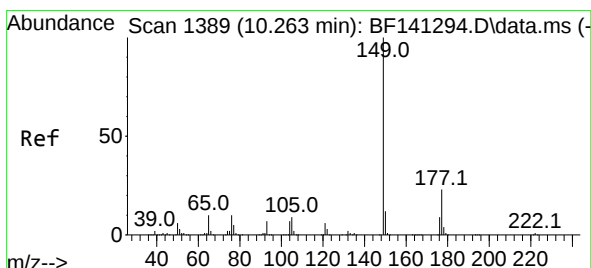
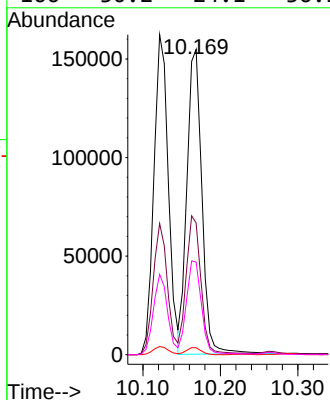
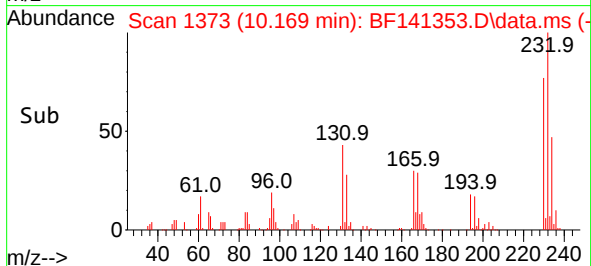
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:232 Resp: 207761
Ion Ratio Lower Upper
232 100
131 45.1 36.4 54.6
130 2.3 1.9 2.9
166 30.2 24.1 36.1

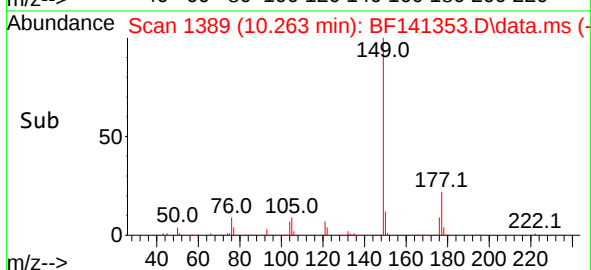
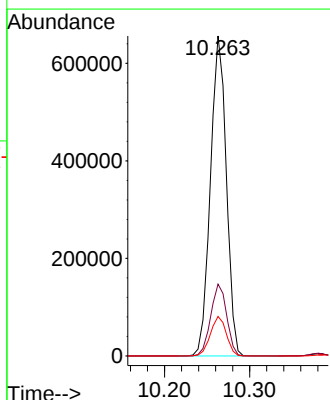
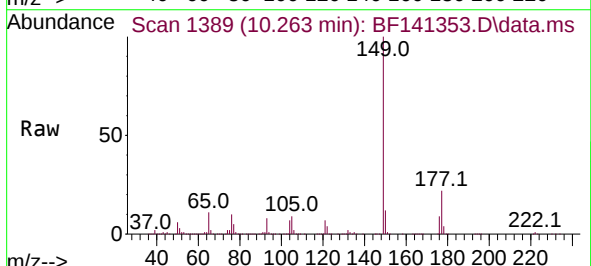
Manual Integrations
APPROVED

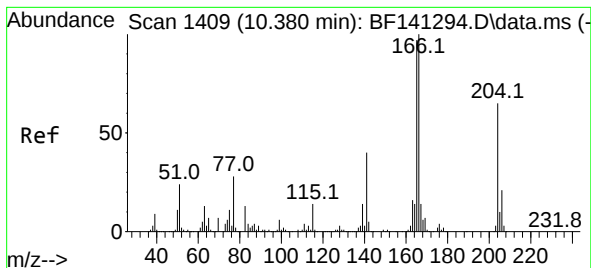
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 42.784 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

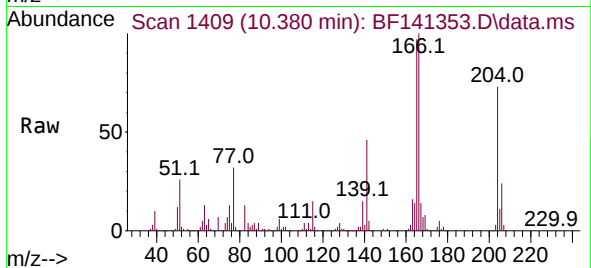
Tgt Ion:149 Resp: 853771
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.666 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

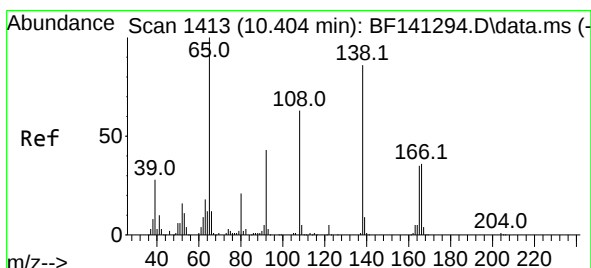
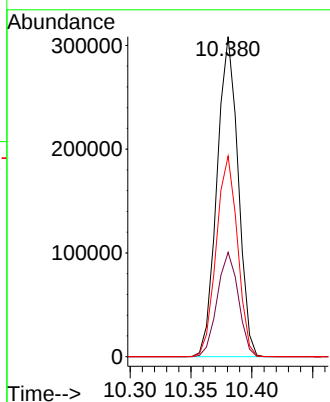
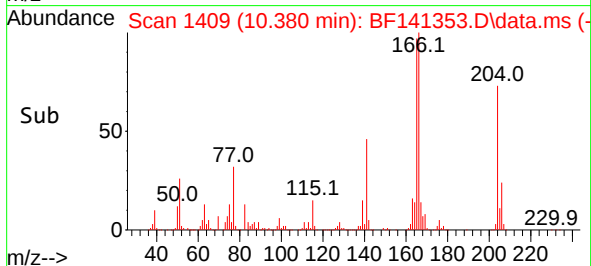
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



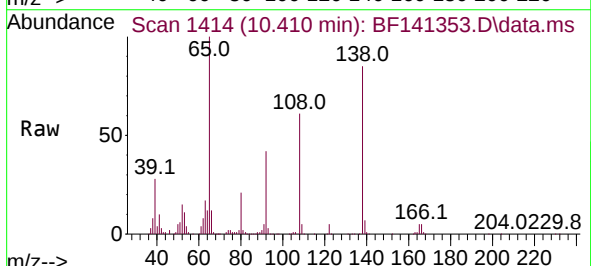
Tgt Ion:204 Resp: 372650
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.7 49.5 74.3

Manual Integrations
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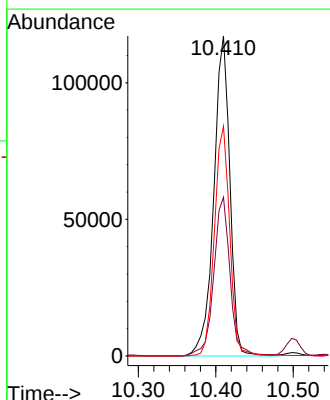
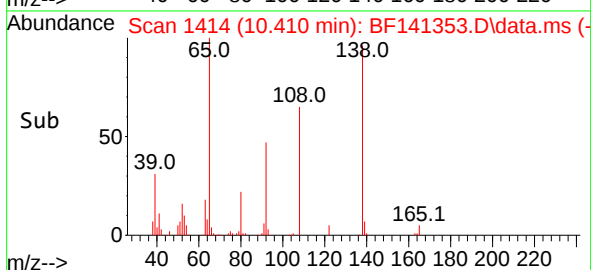
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

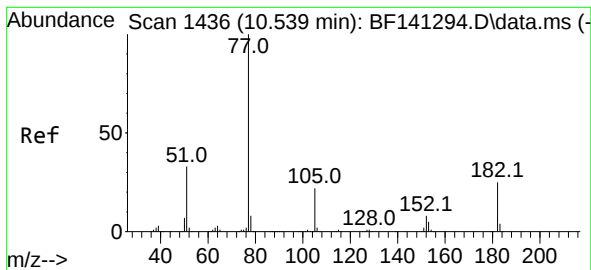


#62
4-Nitroaniline
Concen: 36.838 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



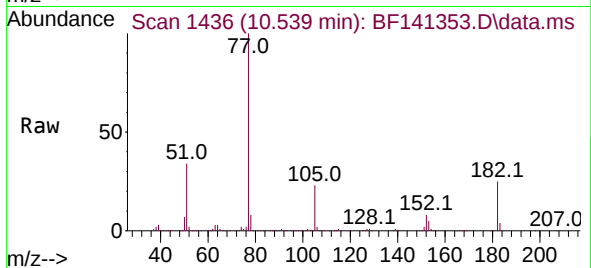
Tgt Ion:138 Resp: 169626
Ion Ratio Lower Upper
138 100
92 49.6 30.1 70.1
108 71.8 53.1 93.1





#63
Azobenzene
Concen: 43.142 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

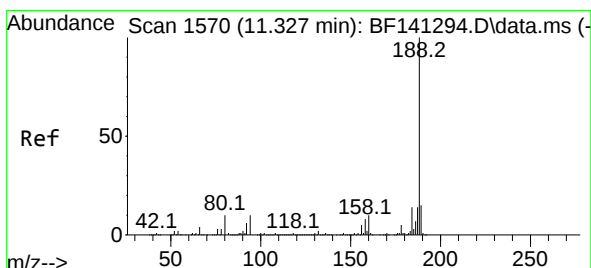
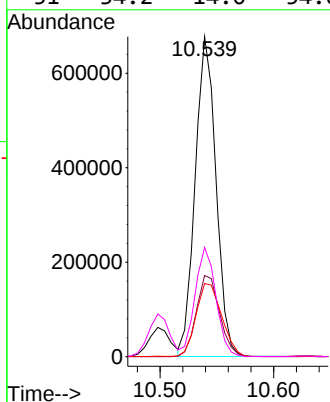
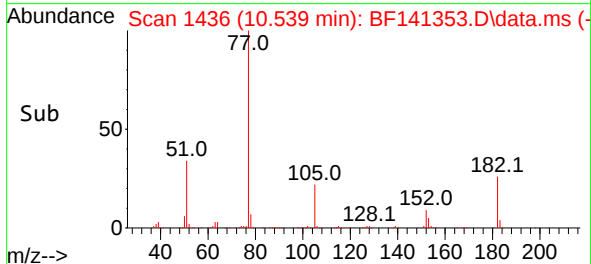
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



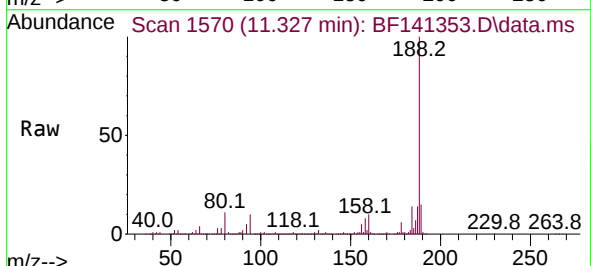
Tgt Ion: 77 Resp: 861760
Ion Ratio Lower Upper
77 100
182 25.4 5.1 45.1
105 22.9 1.8 41.8
51 34.2 14.0 54.0

Manual Integrations
APPROVED

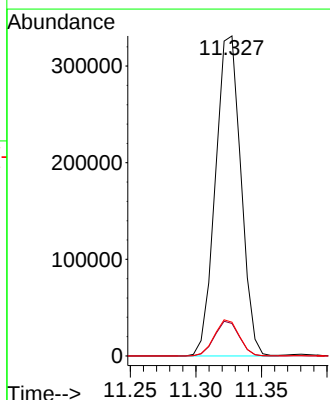
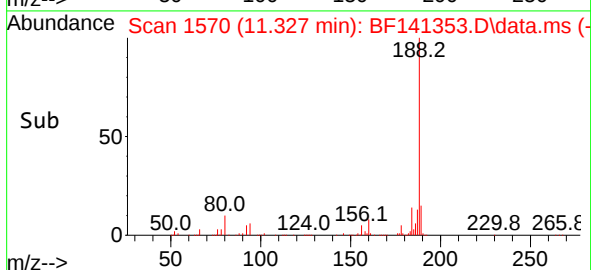
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

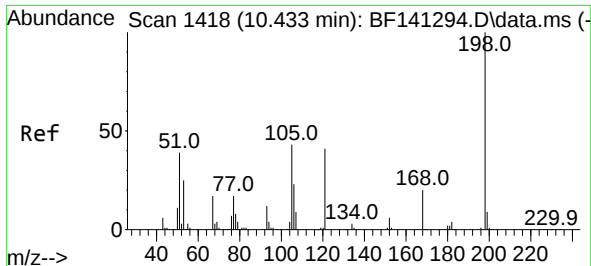


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:188 Resp: 446574
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.6 8.2 12.4





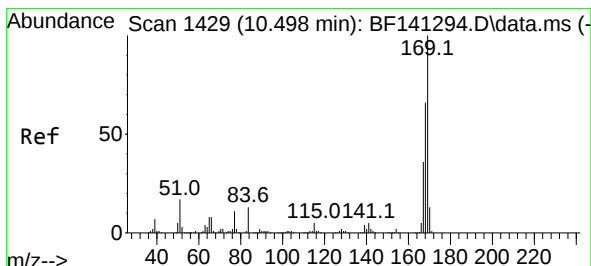
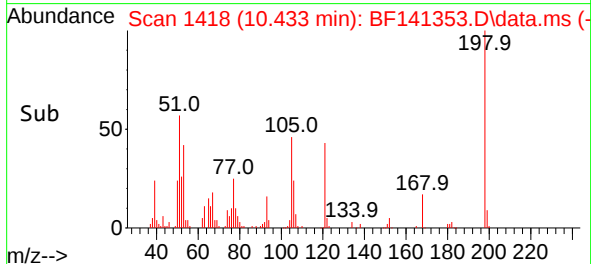
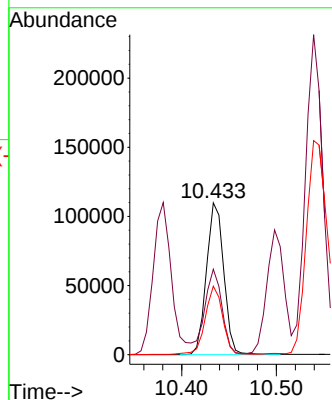
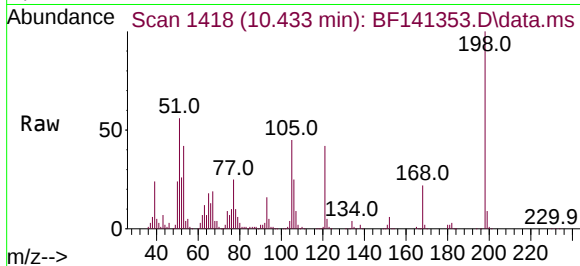
#65
4,6-Dinitro-2-methylphenol
Concen: 52.606 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:198 Resp: 138958
Ion Ratio Lower Upper
198 100
51 56.3 33.4 73.4
105 45.1 24.4 64.4

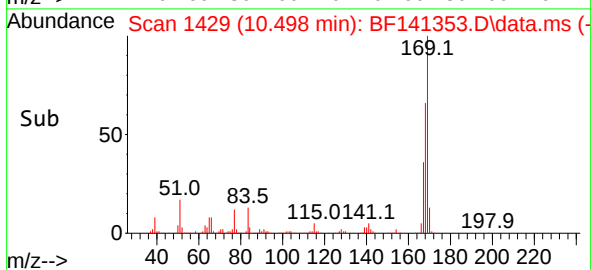
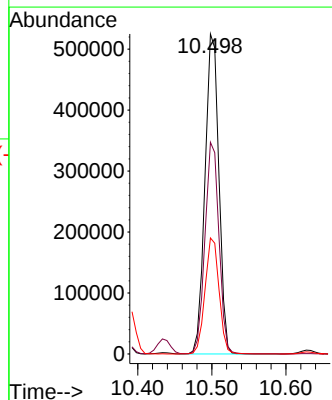
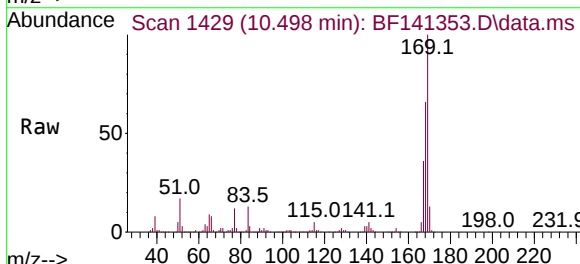
Manual Integrations
APPROVED

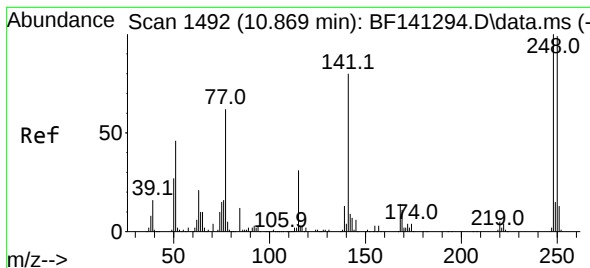
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 47.270 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

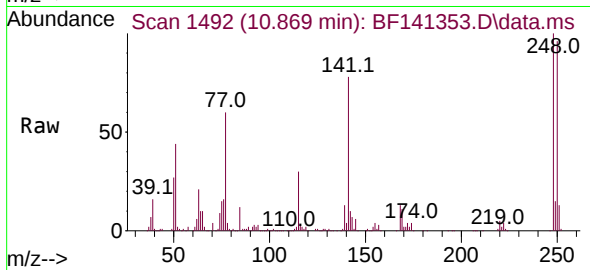
Tgt Ion:169 Resp: 682753
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 46.363 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

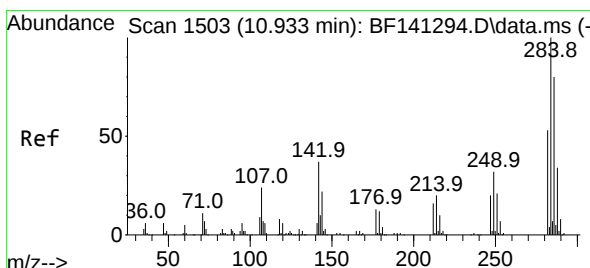
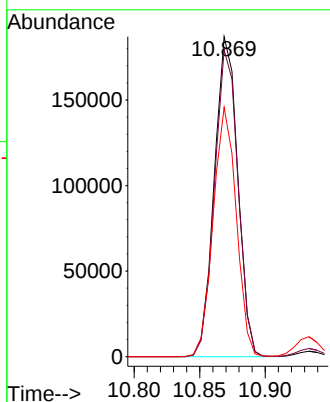
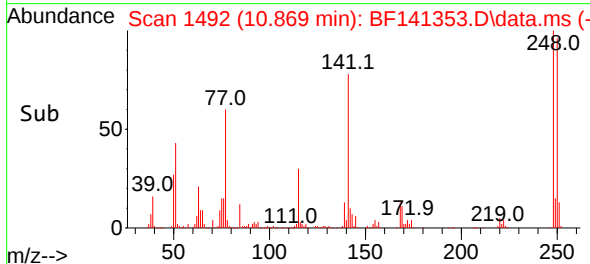
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



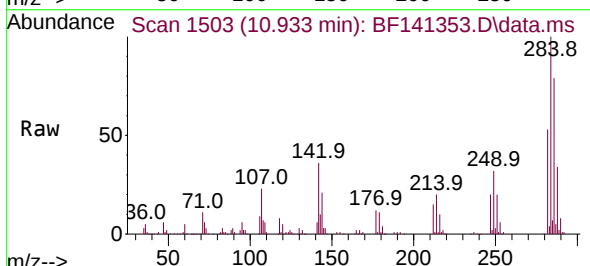
Tgt Ion:248 Resp: 231795
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.4
141 77.9 63.7 95.5

Manual Integrations
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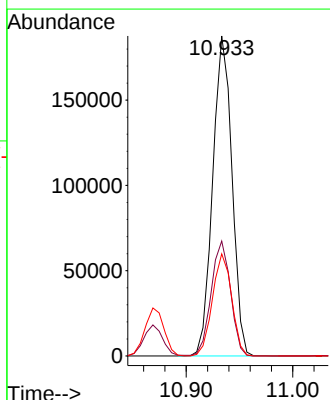
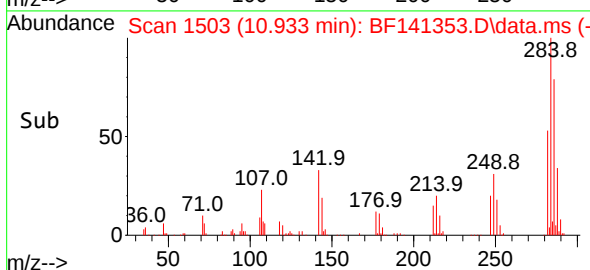
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 44.277 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:284 Resp: 234812
Ion Ratio Lower Upper
284 100
142 35.9 29.5 44.3
249 31.9 25.4 38.2





#69

Atrazine

Concen: 44.986 ng

RT: 11.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

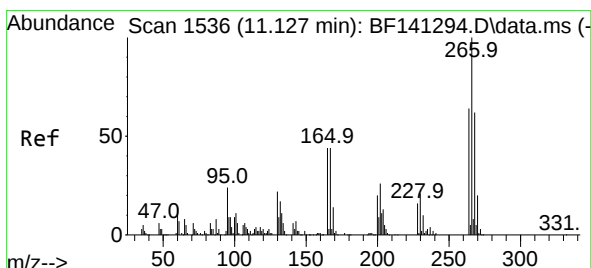
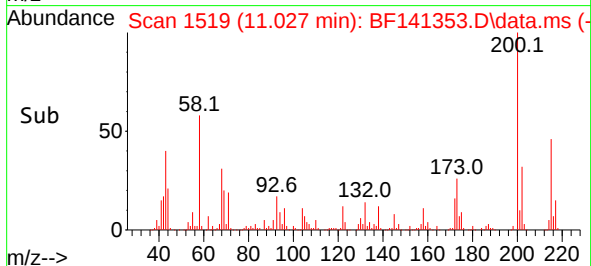
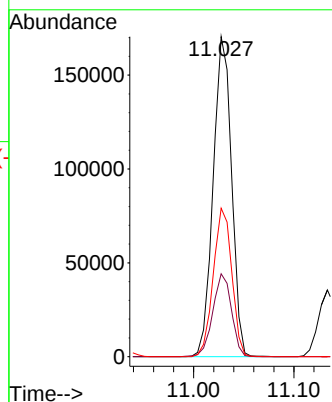
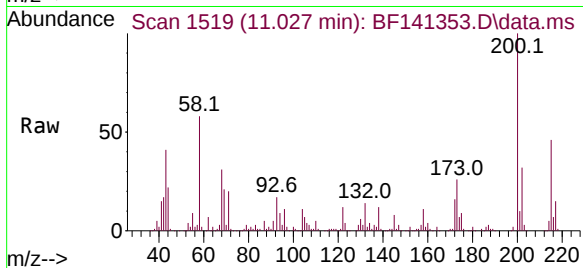
B-113-SB02MSD

Tgt Ion:200 Resp: 21725
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.9 45.9
 215 46.4 25.2 65.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 79.539 ng

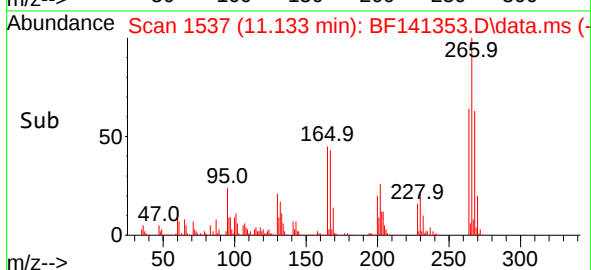
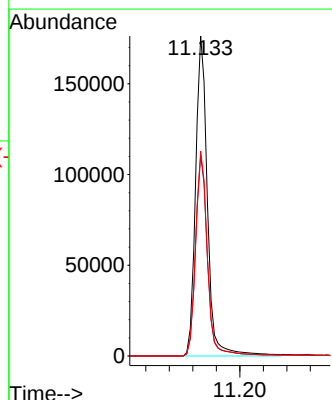
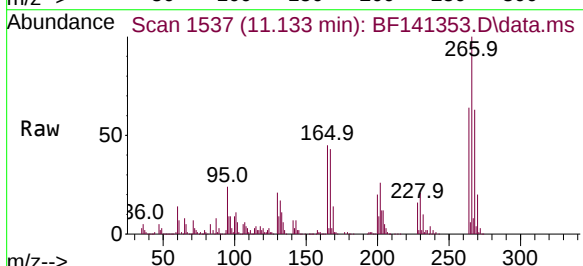
RT: 11.133 min Scan# 1537

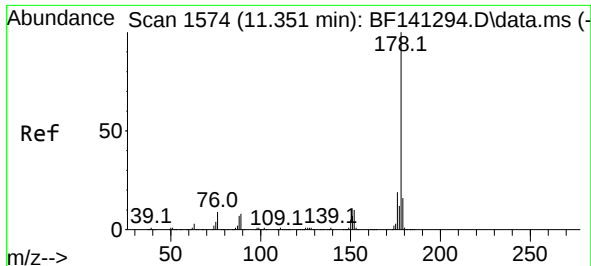
Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

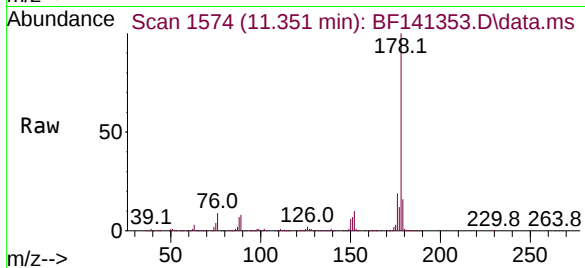
Tgt Ion:266 Resp: 247008
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.9 74.9
 264 64.0 51.0 76.4





#71
Phenanthrene
Concen: 42.680 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

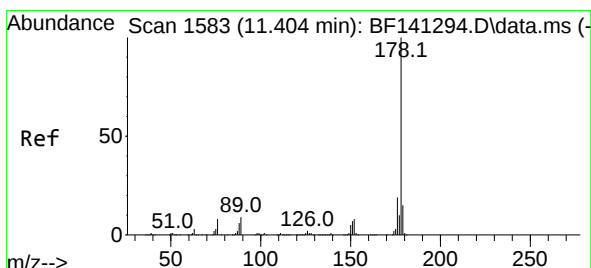
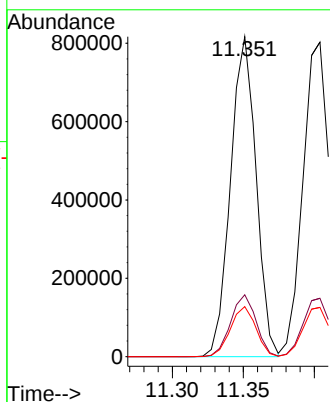
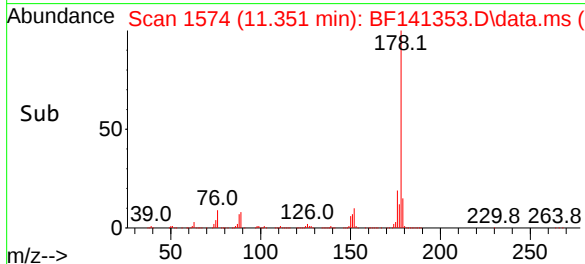
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:178 Resp: 1024548
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.5 18.7

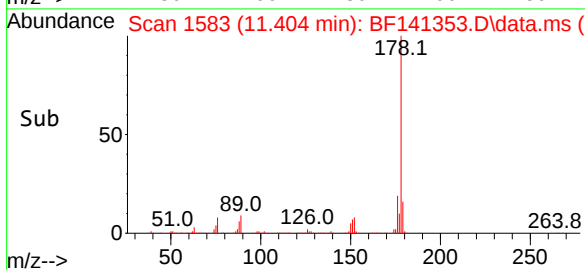
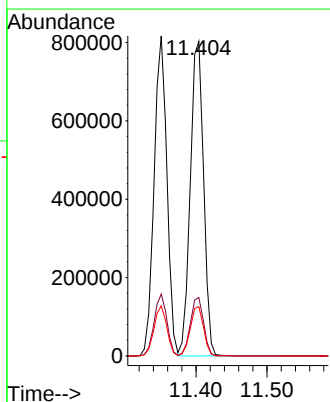
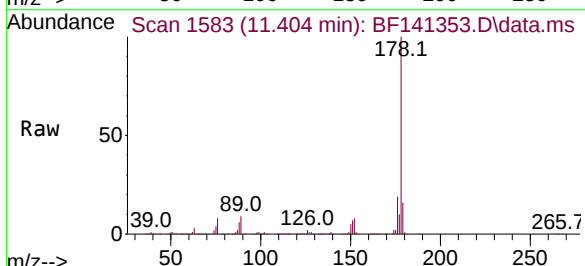
Manual Integrations
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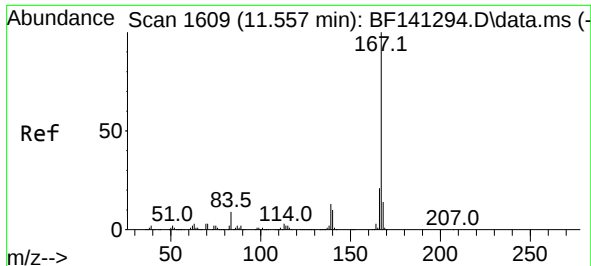
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 44.505 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

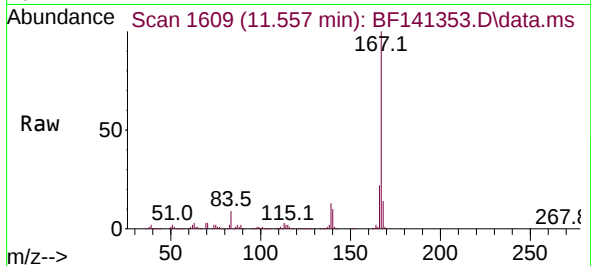
Tgt Ion:178 Resp: 1046790
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 12.3 18.5





#73
 Carbazole
 Concen: 39.496 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141353.D
 Acq: 01 Feb 2025 00:57

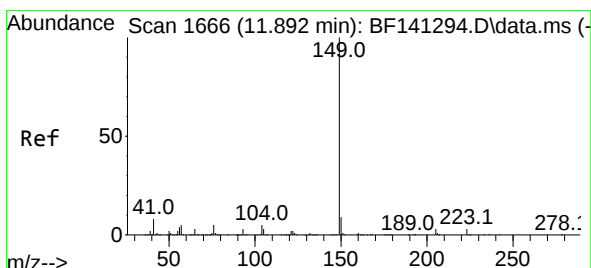
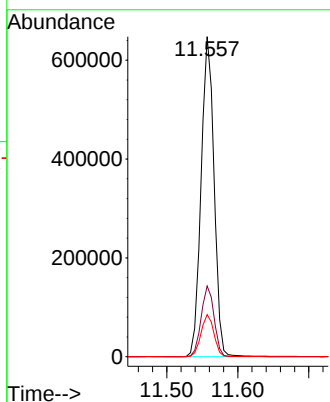
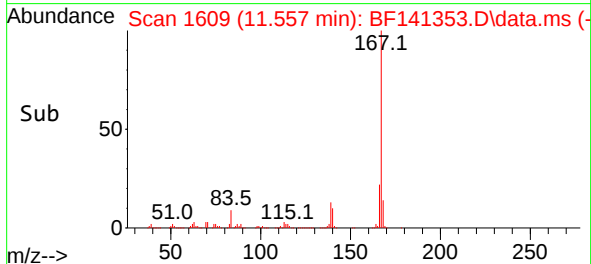
Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MSD



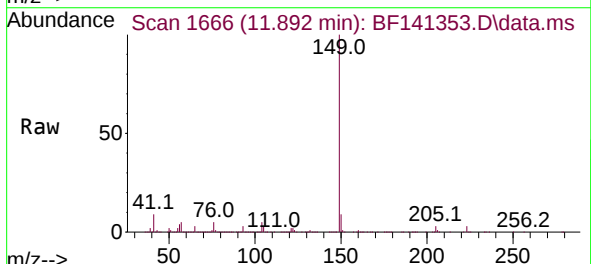
Tgt Ion:167 Resp: 82375
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.2 10.6 16.0

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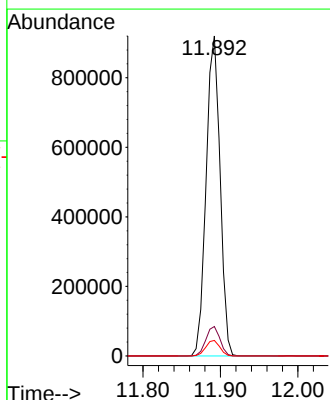
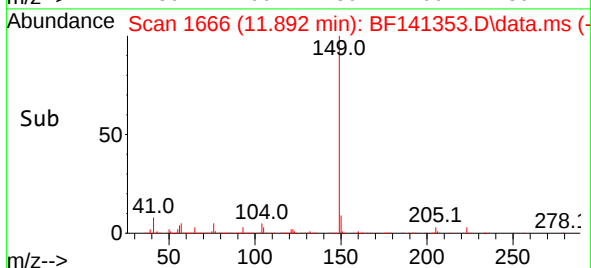
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

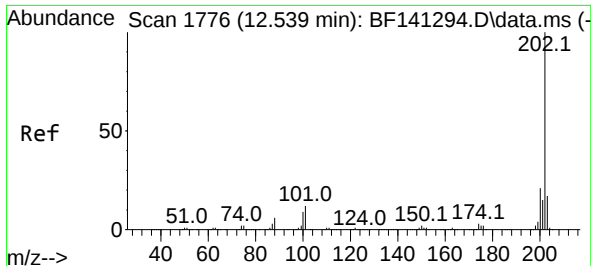


#74
 Di-n-butylphthalate
 Concen: 45.394 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141353.D
 Acq: 01 Feb 2025 00:57



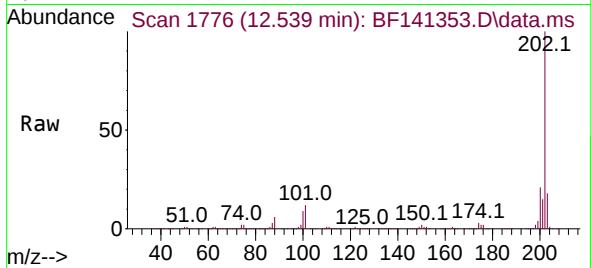
Tgt Ion:149 Resp: 1147366
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 38.002 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

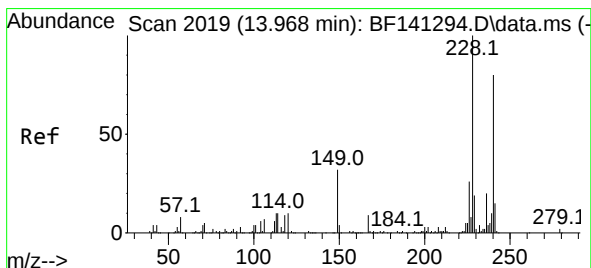
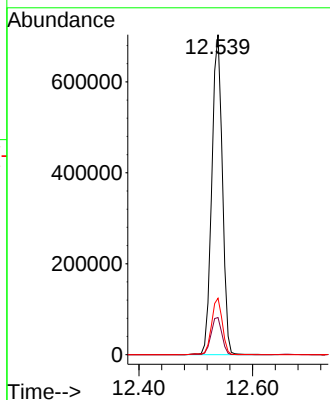
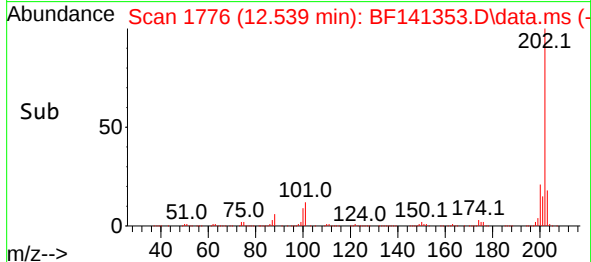
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



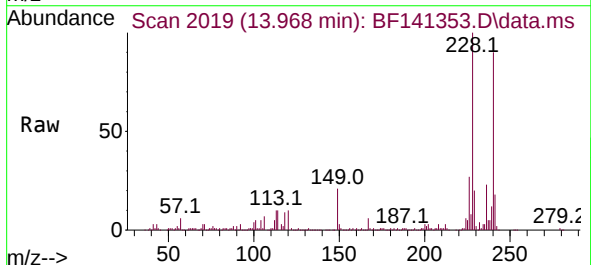
Tgt Ion:202 Resp: 900749
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.7 0.0 37.5

Manual Integrations
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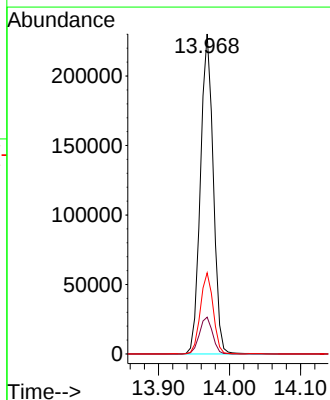
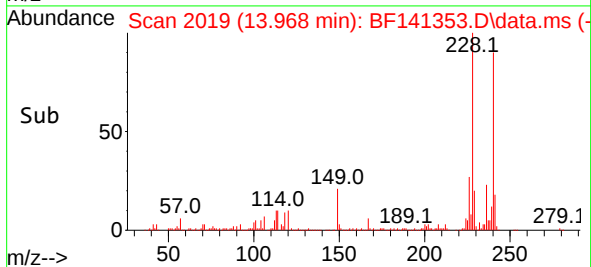
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

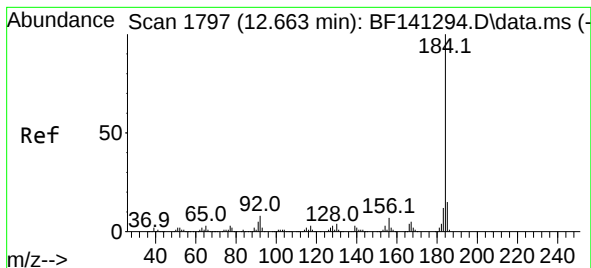


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:240 Resp: 289652
Ion Ratio Lower Upper
240 100
120 11.5 10.0 15.0
236 25.3 19.7 29.5





#77

Benzidine

Concen: 22.638 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

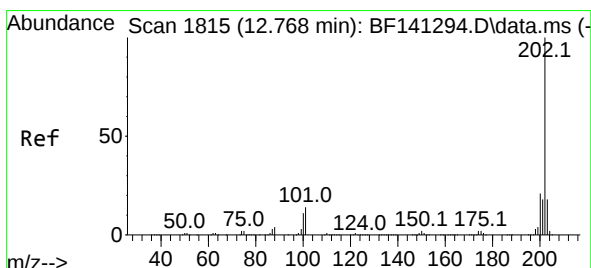
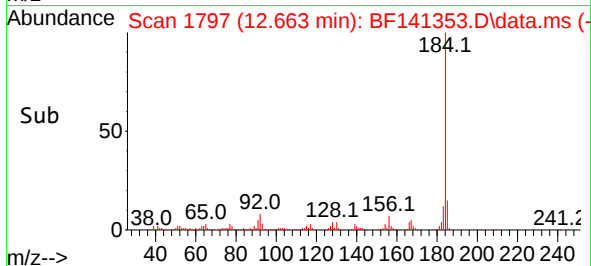
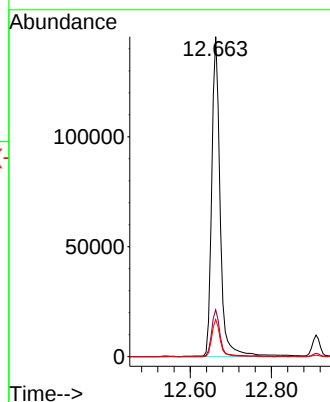
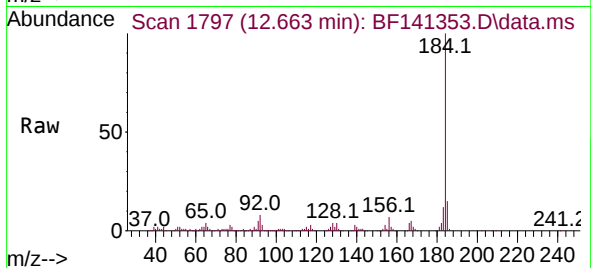
B-113-SB02MSD

Tgt Ion:184	Resp: 21021
Ion Ratio	Lower Upper
184	100
185	14.7 11.9 17.9
183	11.7 9.5 14.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#78

Pyrene

Concen: 32.979 ng

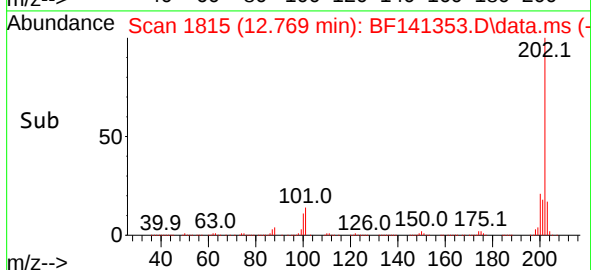
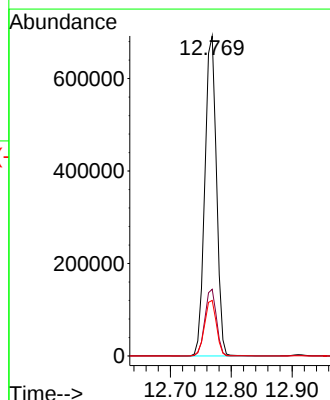
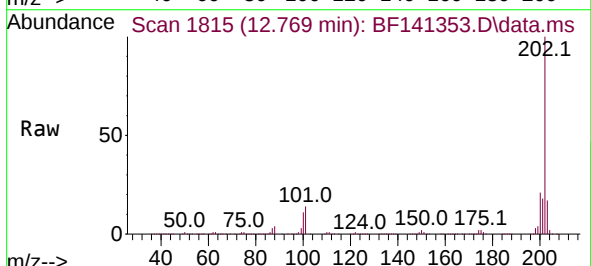
RT: 12.769 min Scan# 1815

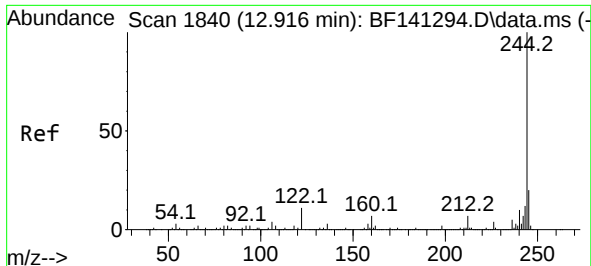
Delta R.T. -0.000 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

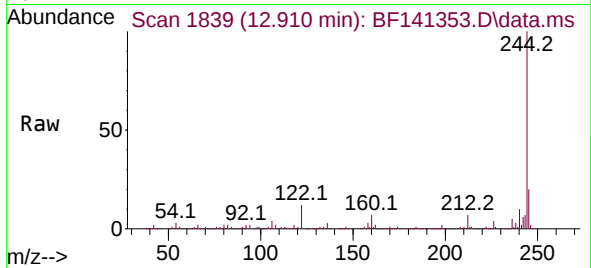
Tgt Ion:202	Resp: 916947
Ion Ratio	Lower Upper
202	100
200	20.9 17.0 25.4
203	17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 49.903 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141353.D
 Acq: 01 Feb 2025 00:57

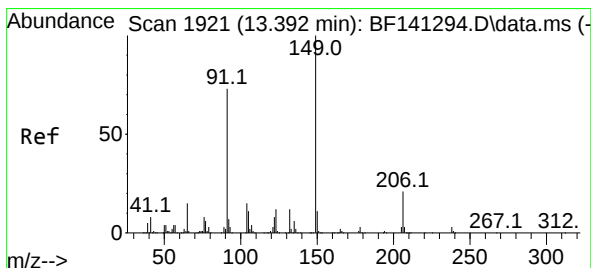
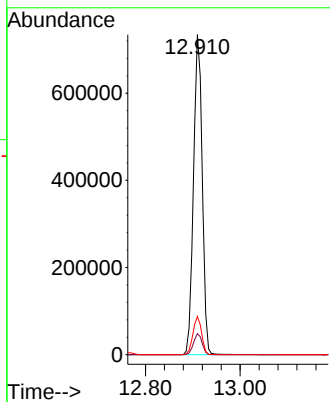
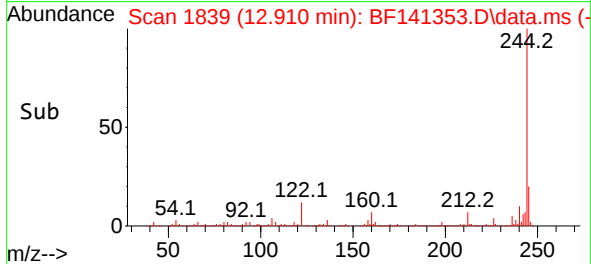
Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MSD



Tgt Ion:244 Resp: 937270
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 8.8 13.2

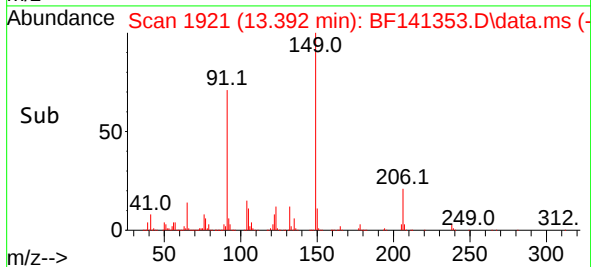
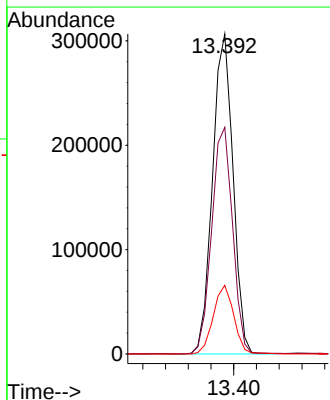
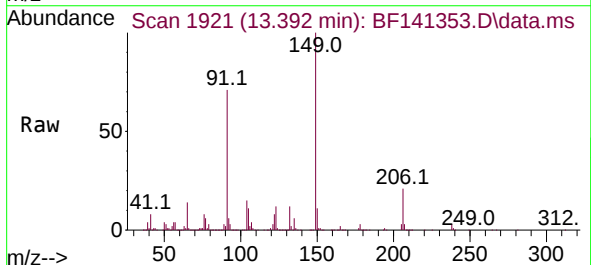
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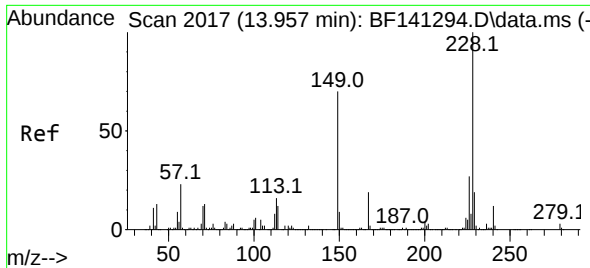
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#80
 Butylbenzylphthalate
 Concen: 39.554 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141353.D
 Acq: 01 Feb 2025 00:57

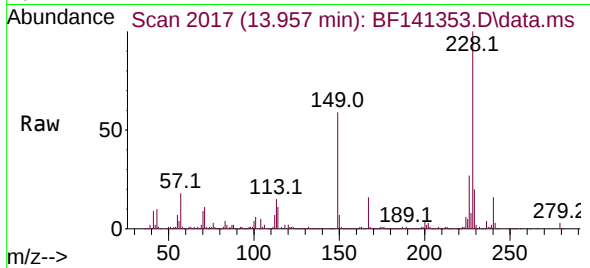
Tgt Ion:149 Resp: 384203
 Ion Ratio Lower Upper
 149 100
 91 70.8 58.6 87.8
 206 21.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 39.660 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

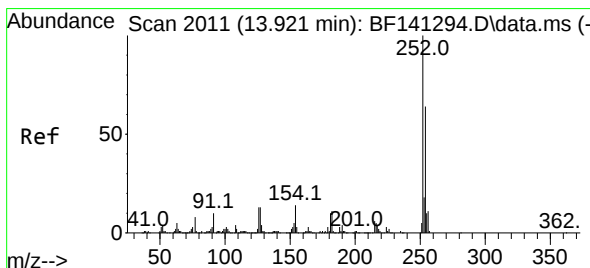
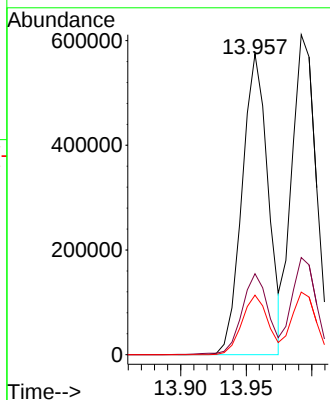
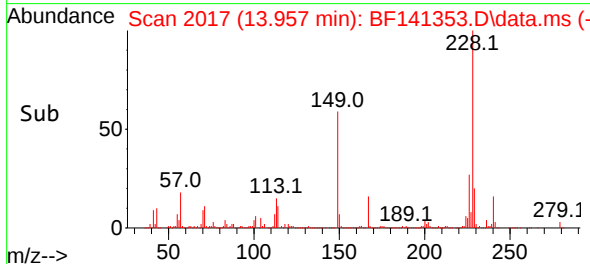
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



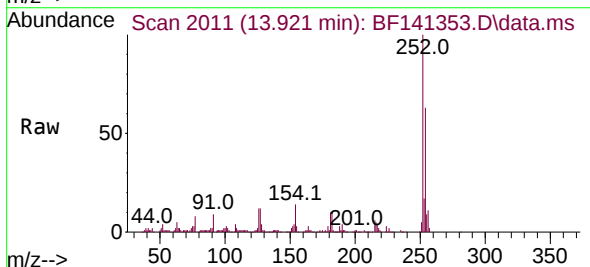
Tgt Ion:228 Resp: 792710
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.8 15.5 23.3

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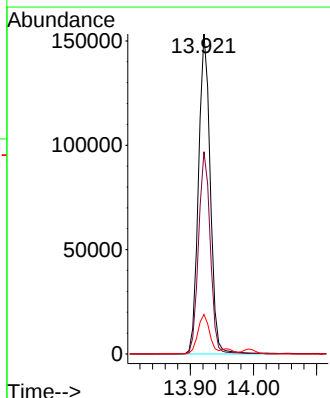
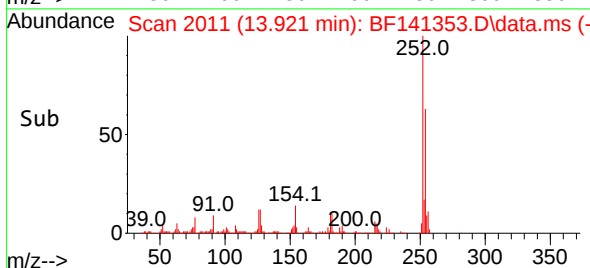
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

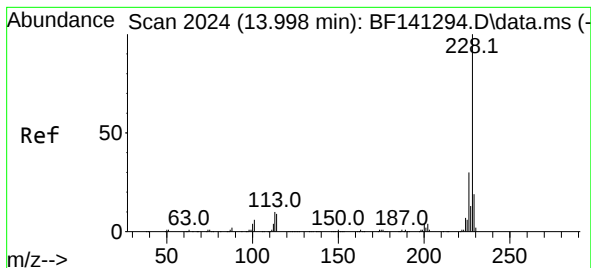


#82
3,3'-Dichlorobenzidine
Concen: 31.187 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



Tgt Ion:252 Resp: 198260
Ion Ratio Lower Upper
252 100
254 63.2 51.3 76.9
126 12.3 10.0 15.0





#83

Chrysene

Concen: 42.919 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MSD

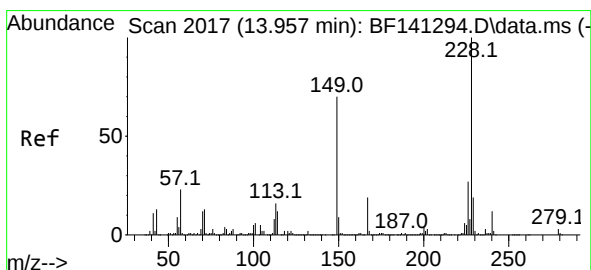
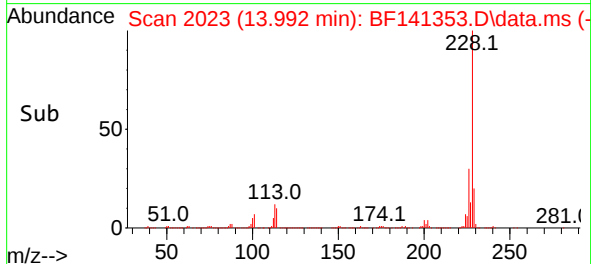
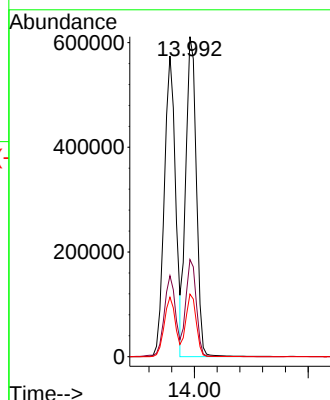
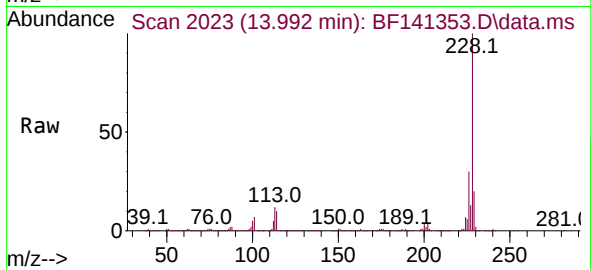
Tgt Ion:228 Resp: 786189

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.407 ng

RT: 13.951 min Scan# 2016

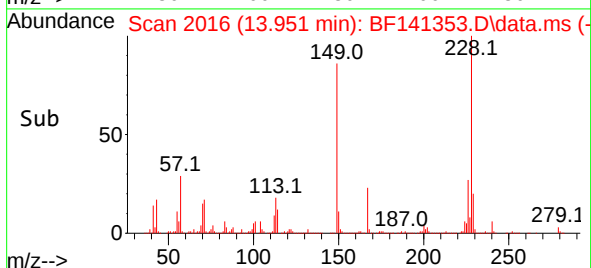
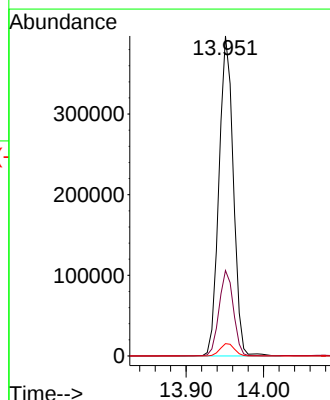
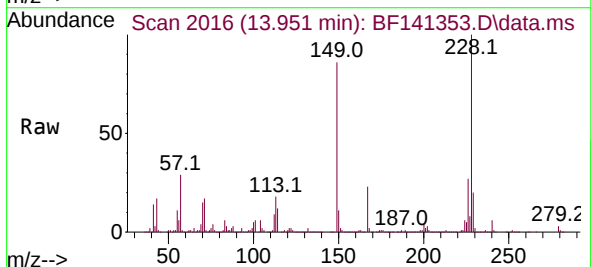
Delta R.T. -0.006 min

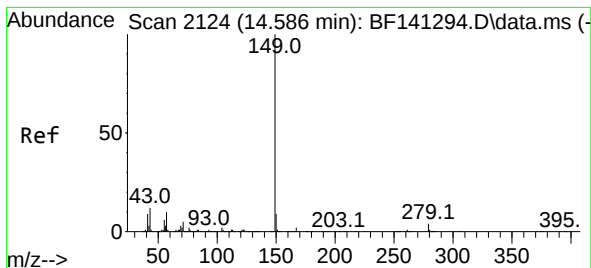
Lab File: BF141353.D

Acq: 01 Feb 2025 00:57

Tgt Ion:149 Resp: 510215

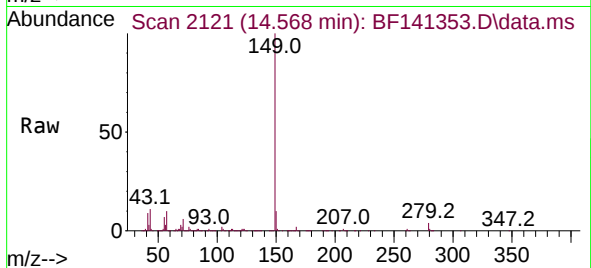
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.8
279	3.8	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 48.195 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

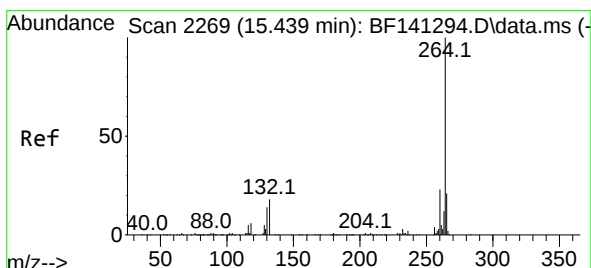
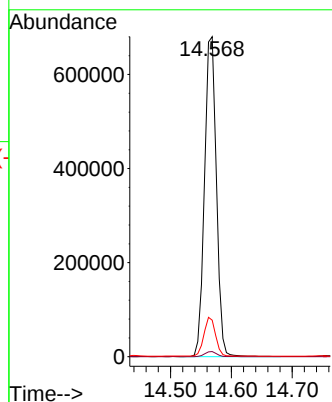
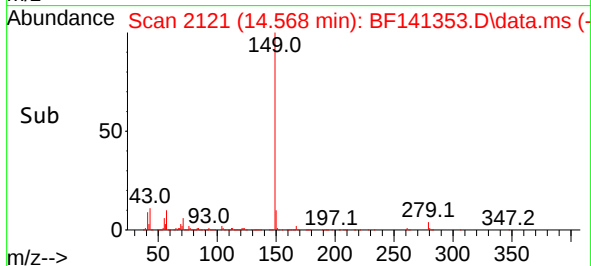
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



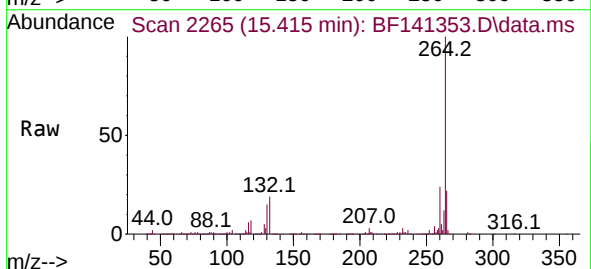
Tgt Ion:149 Resp: 92236
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.8 9.8 14.8

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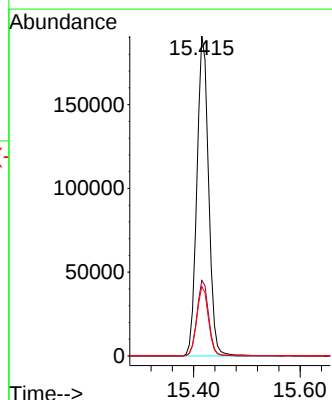
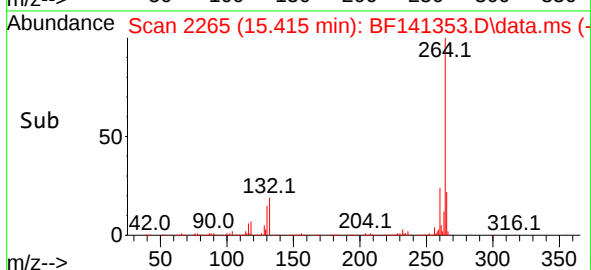
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

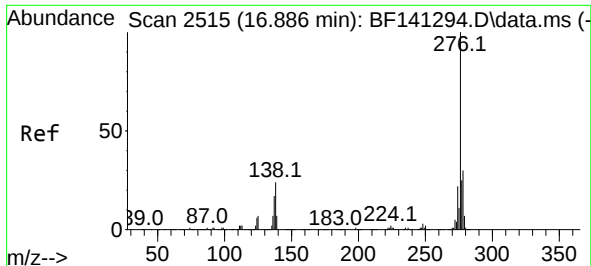


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



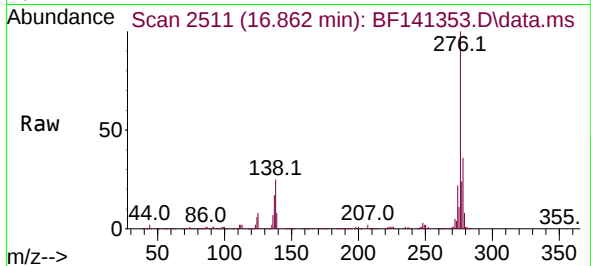
Tgt Ion:264 Resp: 291978
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.7 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.356 ng
RT: 16.862 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

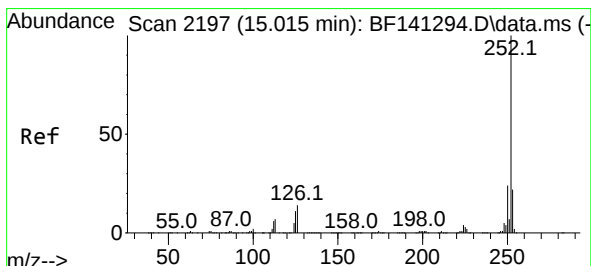
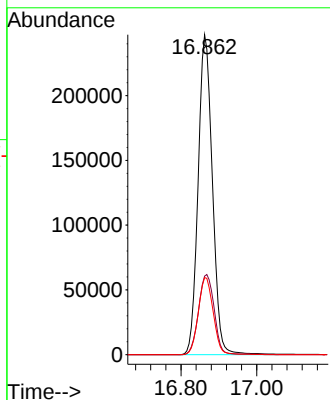
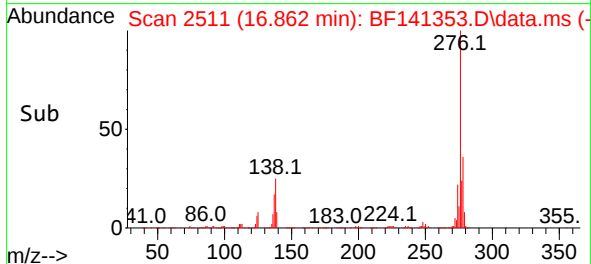
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



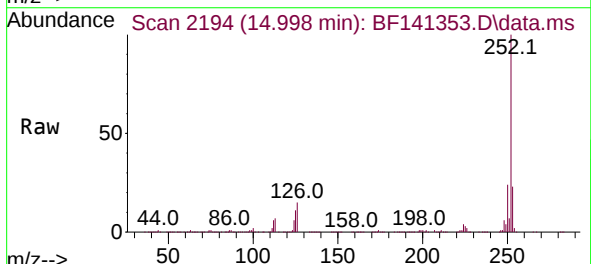
Tgt Ion:276 Resp: 647440
Ion Ratio Lower Upper
276 100
138 27.5 21.7 32.5
277 25.1 20.3 30.5

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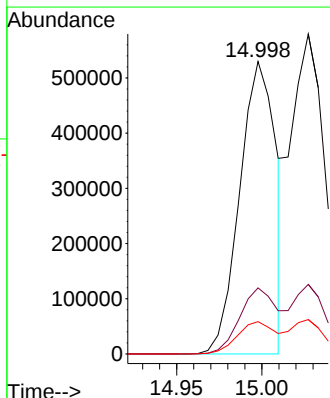
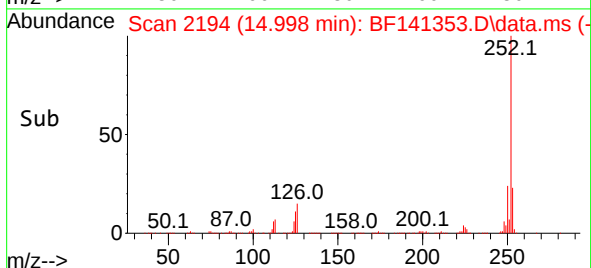
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

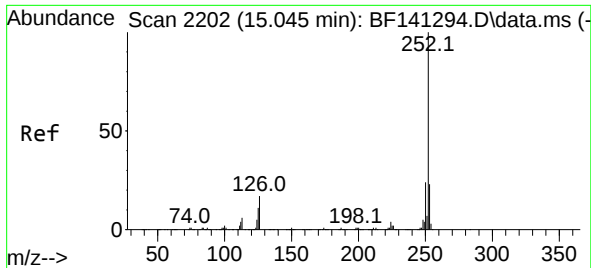


#88
Benzo(b)fluoranthene
Concen: 42.618 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57



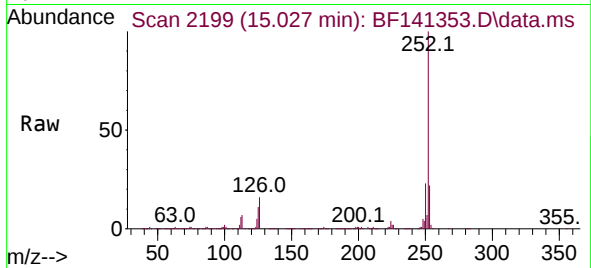
Tgt Ion:252 Resp: 782728
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.1 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 49.835 ng m
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

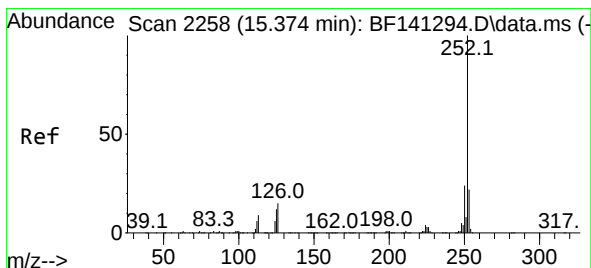
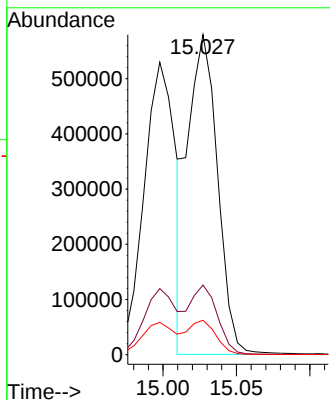
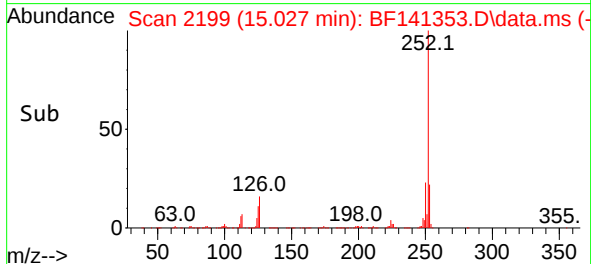
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD



Tgt Ion:252 Resp: 810829
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.8 8.4 12.6

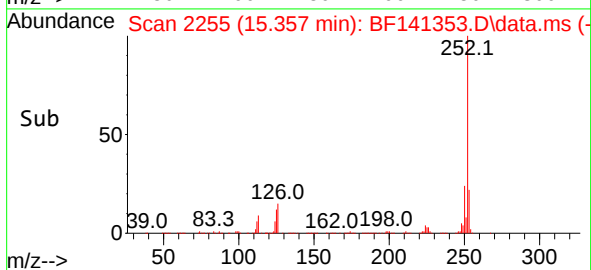
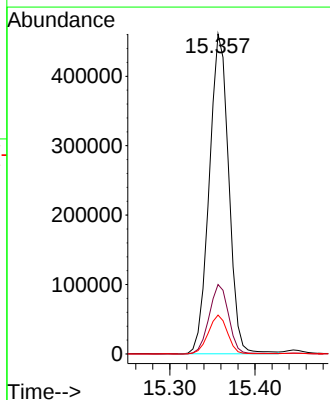
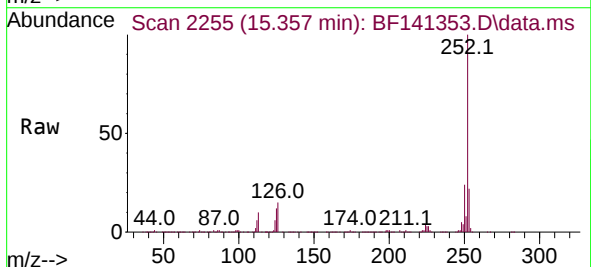
Manual Integrations
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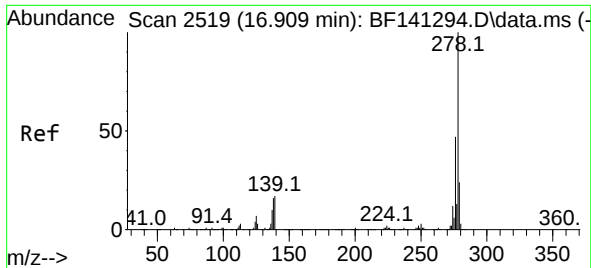
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 47.170 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:252 Resp: 732096
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 12.1 9.4 14.2





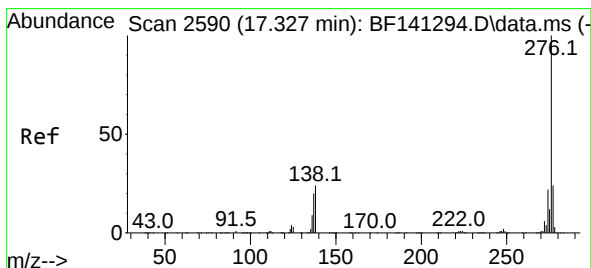
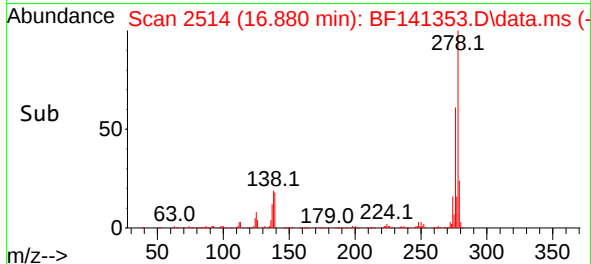
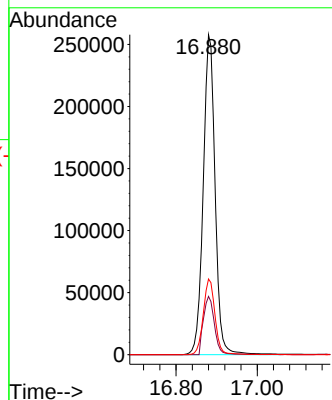
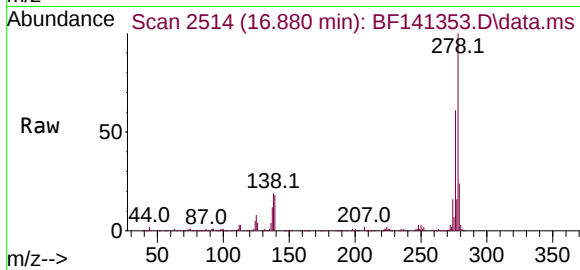
#91
Dibenzo(a,h)anthracene
Concen: 34.578 ng
RT: 16.880 min Scan# 2519
Delta R.T. -0.041 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MSD

Tgt Ion:278 Resp: 52424
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.6 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 29.613 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141353.D
Acq: 01 Feb 2025 00:57

Tgt Ion:276 Resp: 466835
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 23.6 19.0 28.4

