

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141119.D
 Acq On : 10 Jan 2025 17:45
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Jagrut Upadhyay 01/13/2025

Quant Time: Jan 10 22:24:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:16:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	172282	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	648826	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	342460	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	584387	20.000	ng	0.00
76) Chrysene-d12	13.992	240	310879	20.000	ng	0.00
86) Perylene-d12	15.451	264	395988	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1544552	138.495	ng	0.00
7) Phenol-d6	6.457	99	2004230	141.874	ng	0.01
23) Nitrobenzene-d5	7.392	82	1813409	148.154	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	601438	154.132	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2997639	133.666	ng	0.00
79) Terphenyl-d14	12.933	244	2895506	138.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	361586	72.808	ng	100
3) Pyridine	3.287	79	855609	70.255	ng	99
4) n-Nitrosodimethylamine	3.252	42	443709	74.512	ng	99
6) Aniline	6.487	93	842164m	67.145	ng	
8) 2-Chlorophenol	6.610	128	844417	70.573	ng	99
10) Phenol	6.469	94	1067075	70.563	ng	93
11) bis(2-Chloroethyl)ether	6.563	93	811905	72.042	ng	98
12) 1,3-Dichlorobenzene	6.763	146	945224	70.831	ng	99
13) 1,4-Dichlorobenzene	6.840	146	944179	70.211	ng	99
14) 1,2-Dichlorobenzene	6.998	146	854029	68.083	ng	98
15) Benzyl Alcohol	6.969	79	722113	70.781	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1129914	71.848	ng	98
17) 2-Methylphenol	7.075	107	707657	73.257	ng	99
18) Hexachloroethane	7.334	117	349146	71.795	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	588783	70.753	ng	98
20) 3+4-Methylphenols	7.234	107	813265	66.732	ng	# 83
22) Acetophenone	7.239	105	1083059	70.218	ng	# 98
24) Nitrobenzene	7.410	77	943483	73.960	ng	99
25) Isophorone	7.651	82	1571424	75.124	ng	99
26) 2-Nitrophenol	7.722	139	463267	79.834	ng	98
27) 2,4-Dimethylphenol	7.757	122	594544	75.959	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	977334	74.449	ng	100
29) 2,4-Dichlorophenol	7.963	162	689420	74.162	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	776721	73.098	ng	100
31) Naphthalene	8.128	128	2411578	70.480	ng	99
32) Benzoic acid	7.898	122	648810	86.411	ng	98
33) 4-Chloroaniline	8.187	127	860135	72.688	ng	100
34) Hexachlorobutadiene	8.245	225	467194	72.969	ng	99
35) Caprolactam	8.569	113	236127	77.436	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	760692	74.822	ng	99
37) 2-Methylnaphthalene	8.816	142	1544153	70.820	ng	99
38) 1-Methylnaphthalene	8.916	142	1507881	70.172	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	712407	72.478	ng	100
41) Hexachlorocyclopentadiene	8.969	237	249944	77.724	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	516551	77.920	ng	98
44) 2,4,5-Trichlorophenol	9.133	196	516966	73.839	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	1854615	69.734	ng	99
47) 2-Chloronaphthalene	9.310	162	1478014	71.352	ng	99
48) 2-Nitroaniline	9.404	65	475269	77.400	ng	98
49) Acenaphthylene	9.728	152	2110029	71.297	ng	99
50) Dimethylphthalate	9.592	163	1688321	73.435	ng	100
51) 2,6-Dinitrotoluene	9.651	165	403325	75.439	ng	98
52) Acenaphthene	9.898	154	1487806	71.956	ng	99
53) 3-Nitroaniline	9.816	138	404031	74.366	ng	100
54) 2,4-Dinitrophenol	9.922	184	233623	91.933	ng	96
55) Dibenzofuran	10.069	168	1972541	70.137	ng	99
56) 4-Nitrophenol	9.969	139	339082	79.690	ng	98
57) 2,4-Dinitrotoluene	10.051	165	533647	77.452	ng	98
58) Fluorene	10.410	166	1493903	68.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	428499	73.631	ng	99
60) Diethylphthalate	10.286	149	1624226	72.366	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	739051	69.400	ng	98
62) 4-Nitroaniline	10.433	138	404093	75.992	ng	97
63) Azobenzene	10.563	77	1597886	72.150	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	299726	88.510	ng	98
66) n-Nitrosodiphenylamine	10.522	169	1340718	71.129	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	502690	74.715	ng	100
68) Hexachlorobenzene	10.957	284	557705	74.464	ng	100
69) Atrazine	11.051	200	322778	63.598	ng	100
70) Pentachlorophenol	11.151	266	373762	77.927	ng	99
71) Phenanthrene	11.375	178	2186474	69.691	ng	100
72) Anthracene	11.427	178	2122167	69.565	ng	99
73) Carbazole	11.580	167	1946776	69.597	ng	99
74) Di-n-butylphthalate	11.910	149	2240405	69.986	ng	99
75) Fluoranthene	12.563	202	2156966	68.895	ng	99
77) Benzidine	12.680	184	535121	92.821	ng	99
78) Pyrene	12.792	202	2138910	72.034	ng	99
80) Butylbenzylphthalate	13.410	149	775127	78.297	ng	99
81) Benzo(a)anthracene	13.980	228	1574387	74.414	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	557682	82.781	ng	100
83) Chrysene	14.016	228	1492065	75.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	885991	74.589	ng	99
85) Di-n-octyl phthalate	14.598	149	1604851	89.471	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	2176761	75.032	ng	100
88) Benzo(b)fluoranthene	15.033	252	1830448	71.685	ng	100
89) Benzo(k)fluoranthene	15.063	252	1701343	78.843	ng	99
90) Benzo(a)pyrene	15.398	252	1594959	75.707	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1723136	73.436	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1664293	68.190	ng	99

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



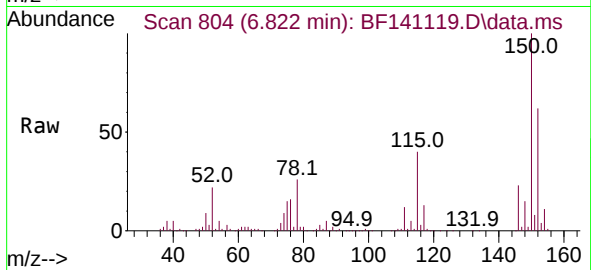
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141119.D
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BNA_F

ClientSampleId :

SSTDICC080

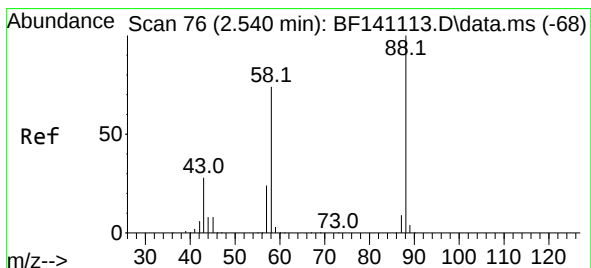
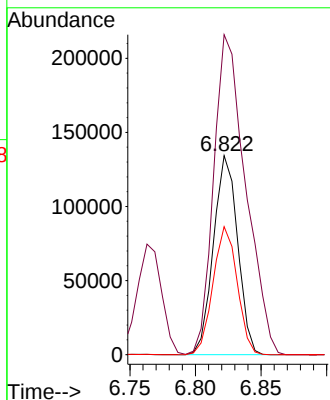
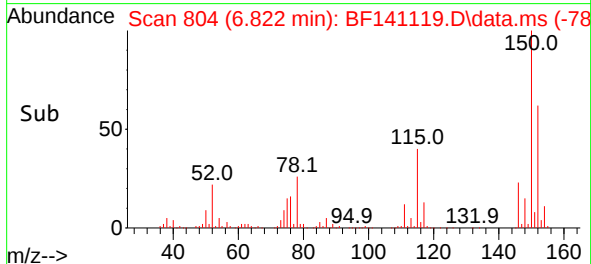


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Ion Ratio Lower Upper
152 100
150 160.7 125.8 188.8
115 64.3 51.4 77.2

Manual Integrations

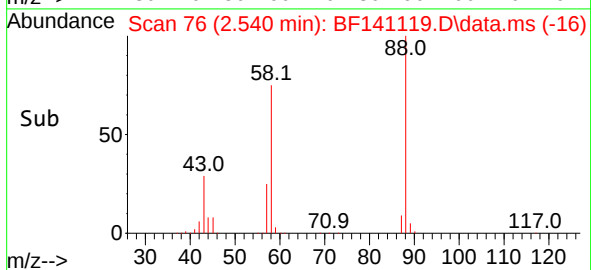
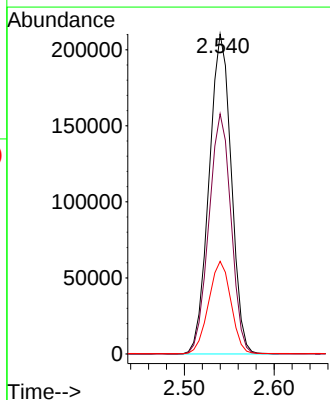
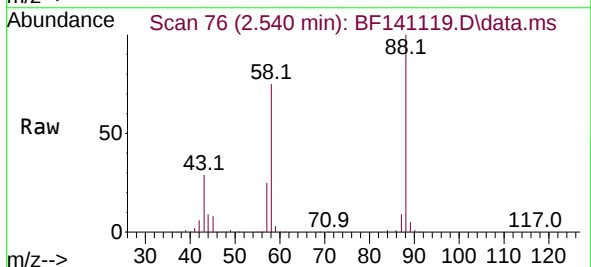
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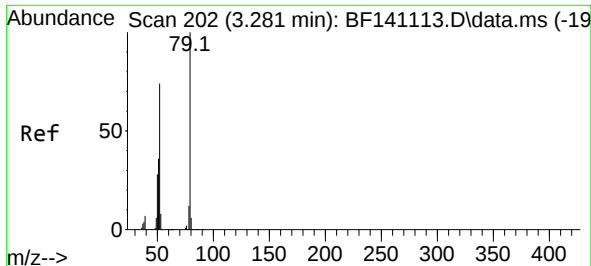
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#2
1,4-Dioxane
Concen: 72.808 ng
RT: 2.540 min Scan# 76
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

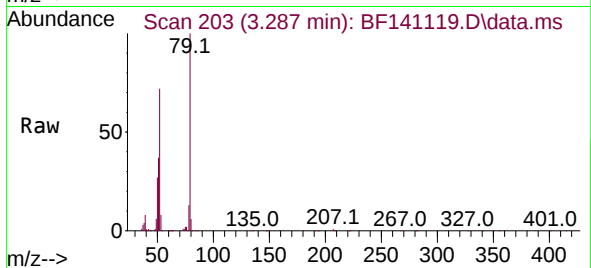
Tgt Ion: 88 Resp: 361586
Ion Ratio Lower Upper
88 100
58 74.8 60.1 90.1
43 29.1 23.1 34.7





#3
Pyridine
Concen: 70.255 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

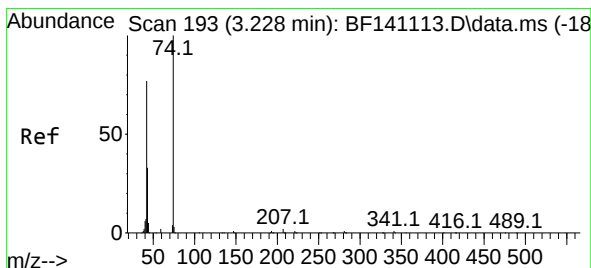
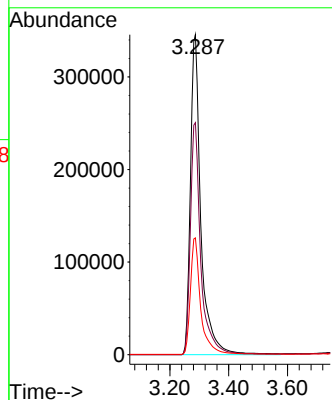
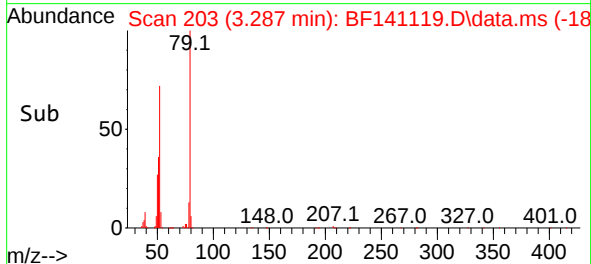
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 855609
Ion Ratio Lower Upper
79 100
52 72.5 58.9 88.3
51 36.5 29.1 43.7

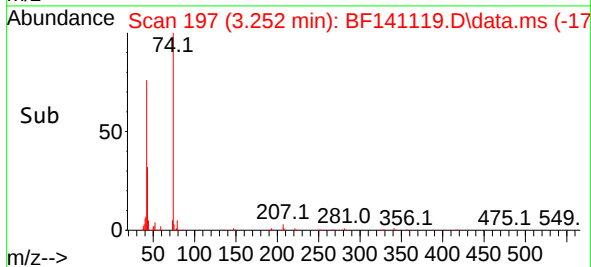
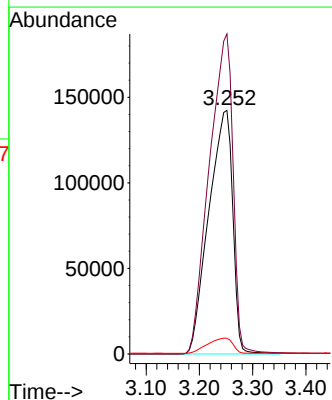
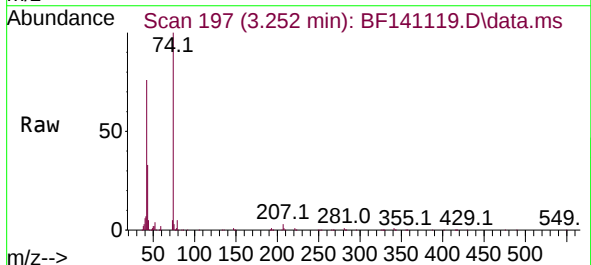
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Supervised By :Jagrut Upadhyay 01/13/2025



#4
n-Nitrosodimethylamine
Concen: 74.512 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.024 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

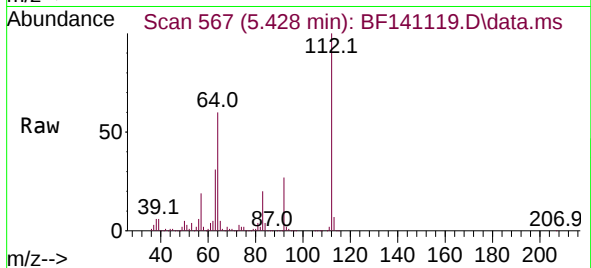
Tgt Ion: 42 Resp: 443709
Ion Ratio Lower Upper
42 100
74 131.3 103.8 155.6
44 6.4 5.3 7.9





#5
2-Fluorophenol
Concen: 138.495 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

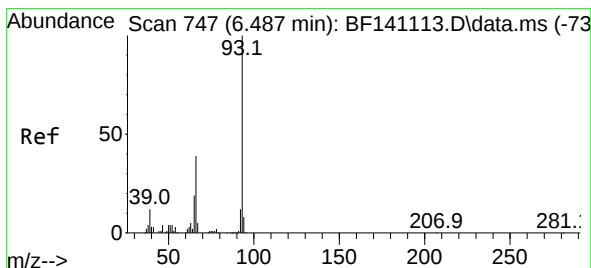
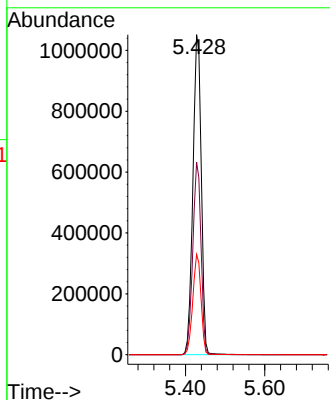
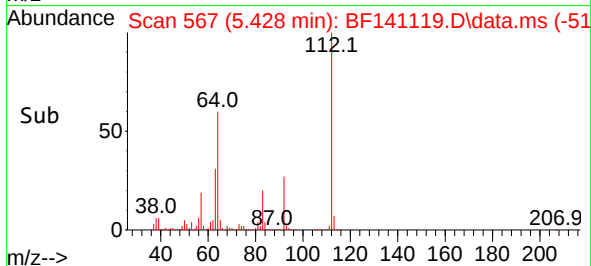
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 1544552
Ion Ratio Lower Upper
112 100
64 60.2 47.3 70.9
63 31.3 24.2 36.2

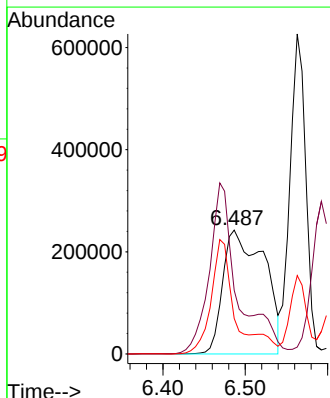
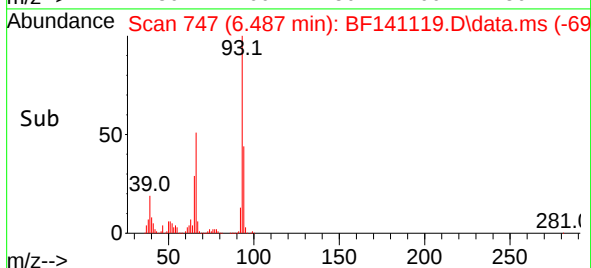
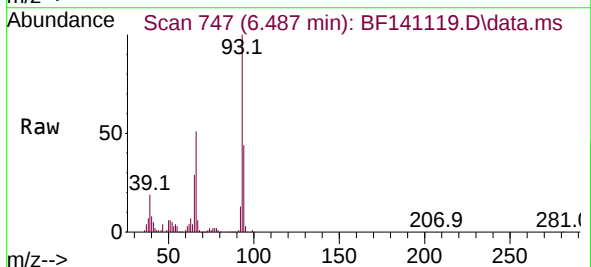
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#6
Aniline
Concen: 67.145 ng m
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

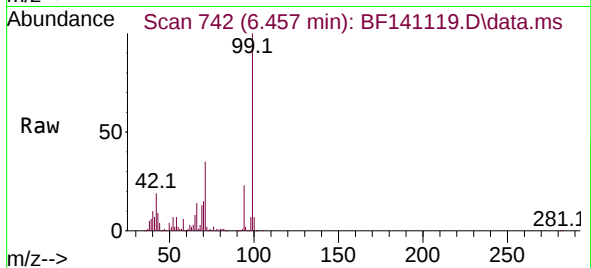
Tgt Ion: 93 Resp: 842164
Ion Ratio Lower Upper
93 100
66 51.4 31.5 47.3#
65 28.7 15.3 22.9#





#7
Phenol-d6
Concen: 141.874 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

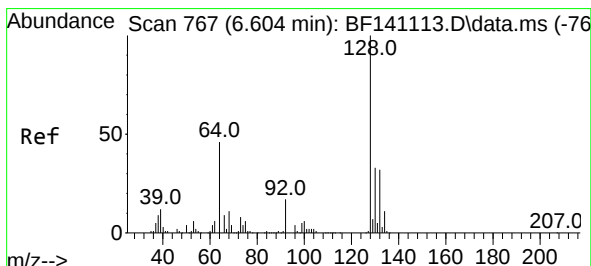
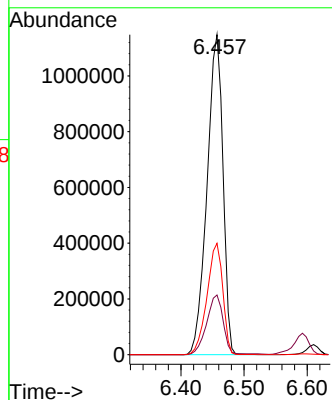
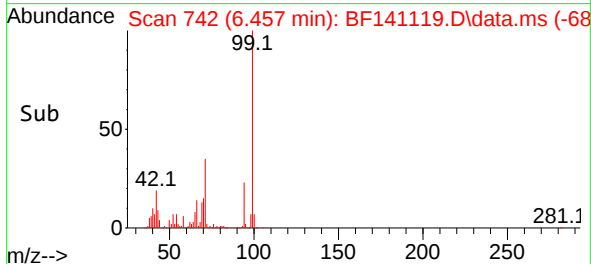
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 2004230
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.8 27.6 41.4

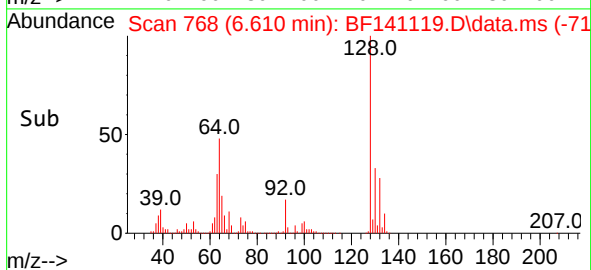
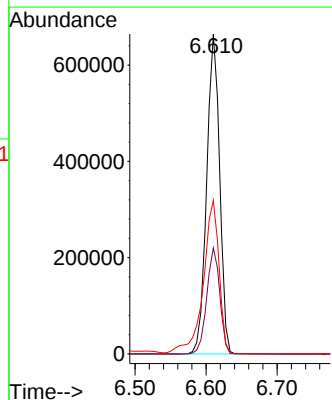
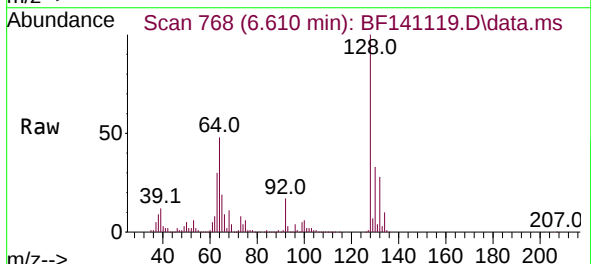
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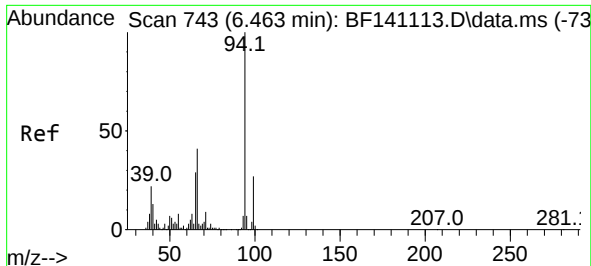
Reviewed By :Yogesh Patel 01/13/2025
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#8
2-Chlorophenol
Concen: 70.573 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

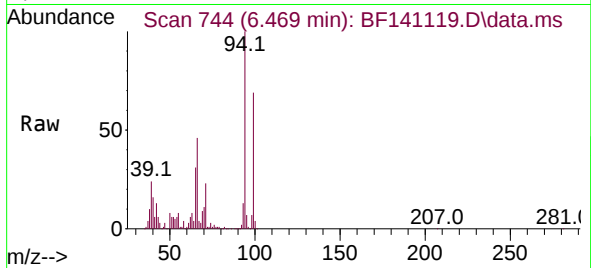
Tgt Ion:128 Resp: 844417
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 48.0 28.3 68.3





#10
Phenol
Concen: 70.563 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

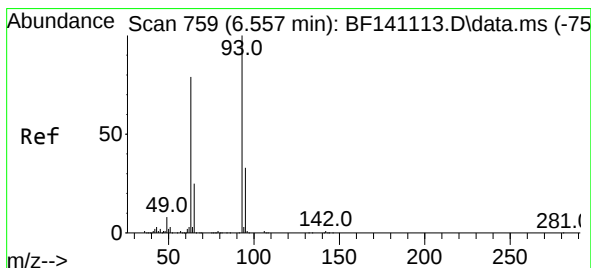
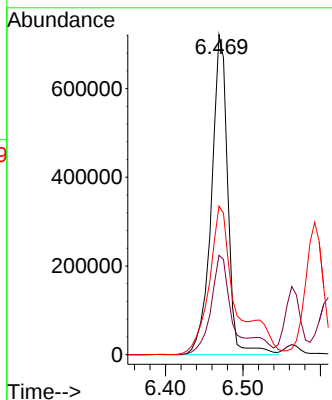
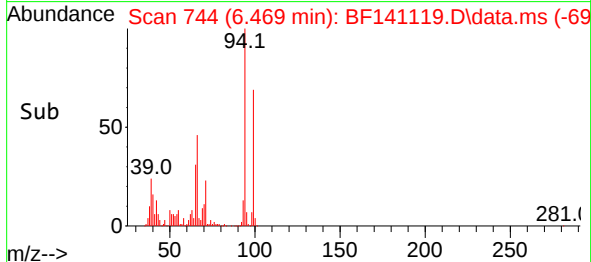
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



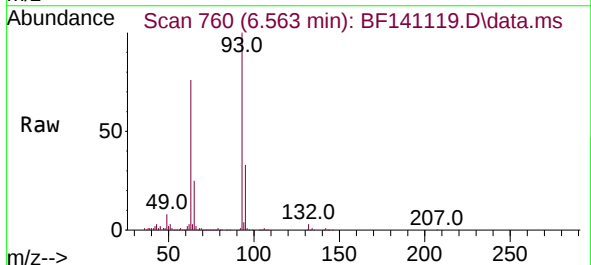
Tgt Ion: 94 Resp: 106707
Ion Ratio Lower Upper
94 100
65 31.1 8.9 48.9
66 46.4 21.2 61.2

Manual Integrations
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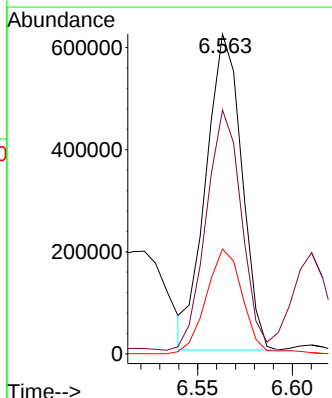
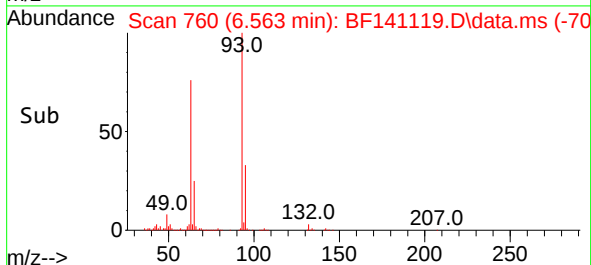
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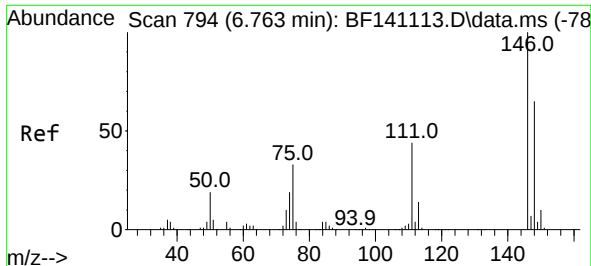


#11
bis(2-Chloroethyl)ether
Concen: 72.042 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion: 93 Resp: 811905
Ion Ratio Lower Upper
93 100
63 76.2 58.0 98.0
95 32.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 70.831 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

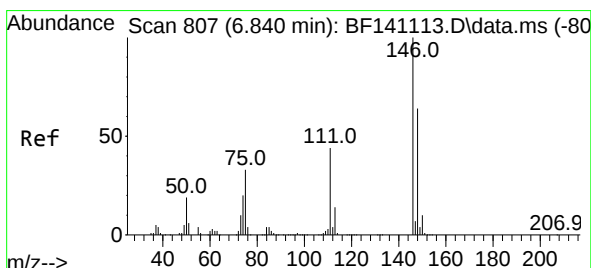
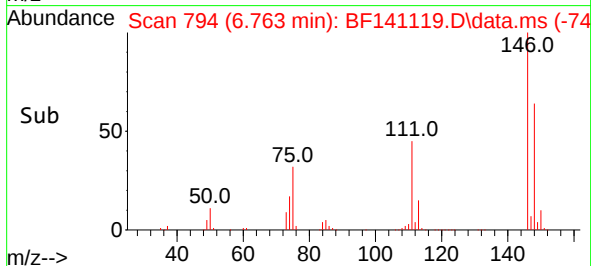
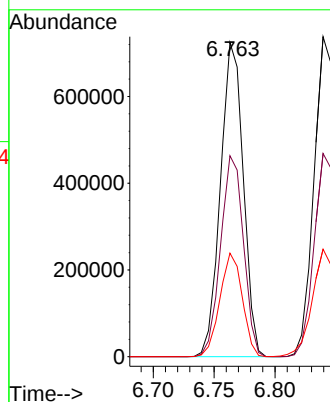
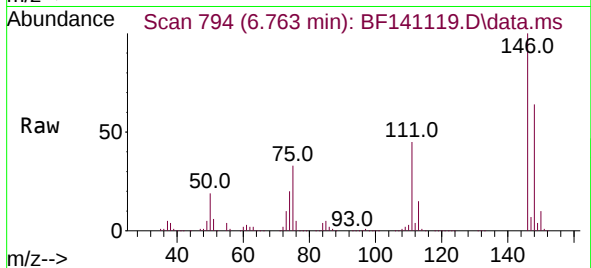
SSTDICC080

Tgt Ion:146 Resp: 945224
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 75 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Jagrut Upadhyay 01/13/2025



#13

1,4-Dichlorobenzene

Concen: 70.211 ng

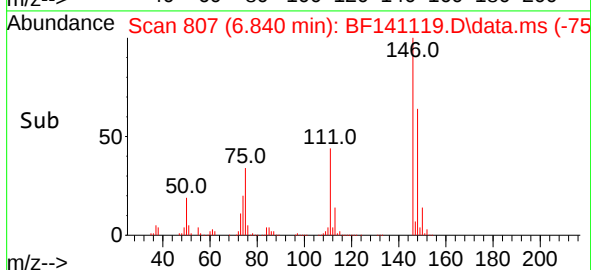
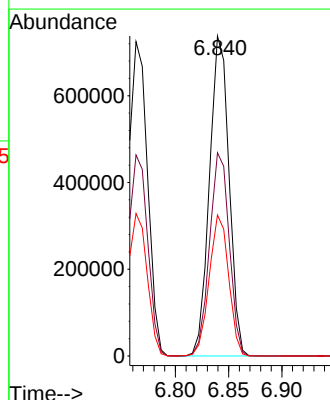
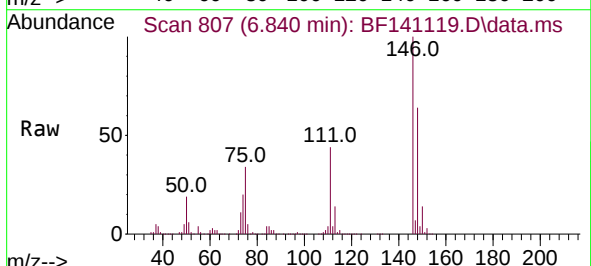
RT: 6.840 min Scan# 807

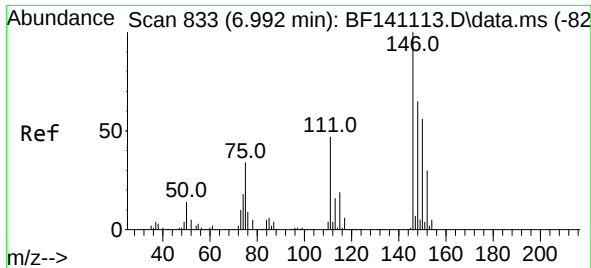
Delta R.T. -0.000 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Tgt Ion:146 Resp: 944179
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 44.1 34.9 52.3





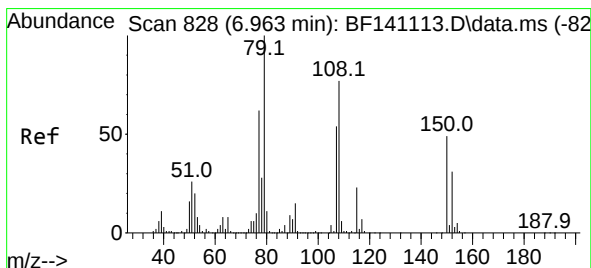
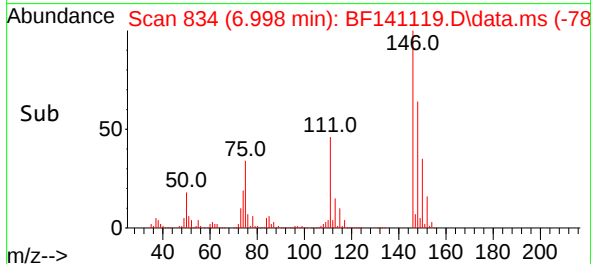
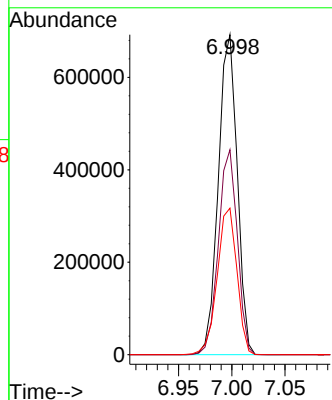
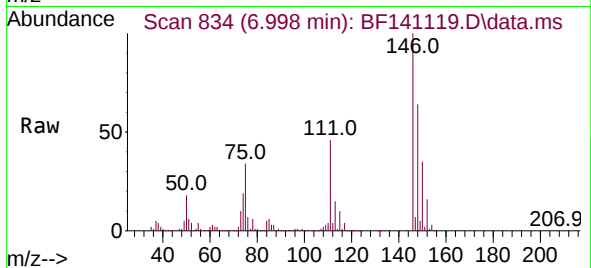
#14
1,2-Dichlorobenzene
Concen: 68.083 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 854029
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
111 45.8 37.5 56.3

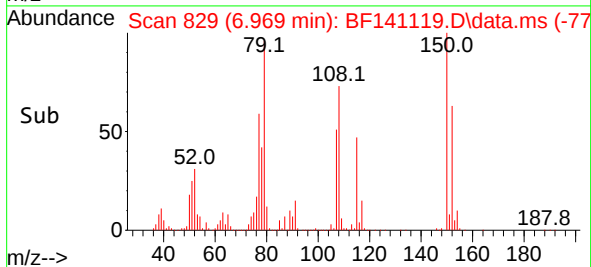
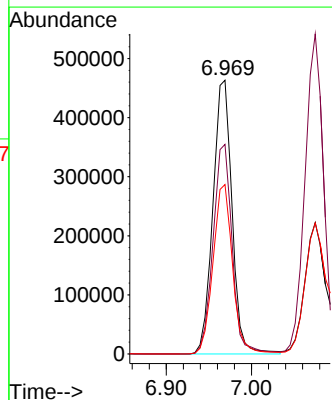
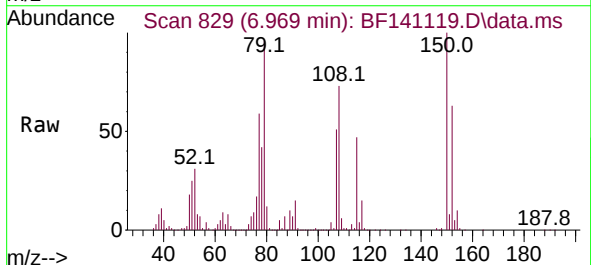
Manual Integrations
APPROVED

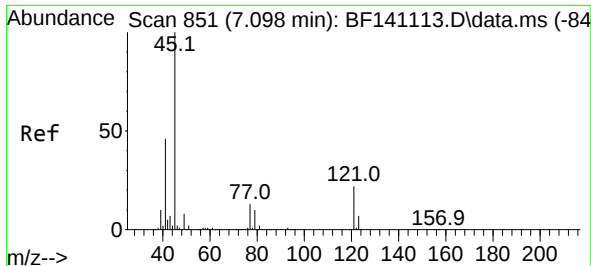
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#15
Benzyl Alcohol
Concen: 70.781 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion: 79 Resp: 722113
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.9 49.8 74.6





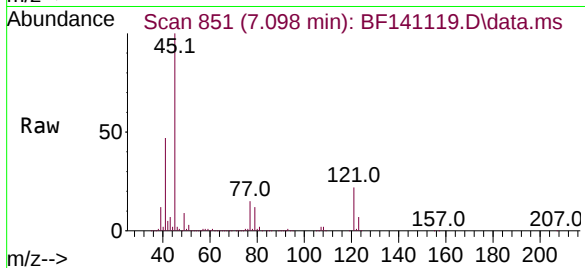
#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.848 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

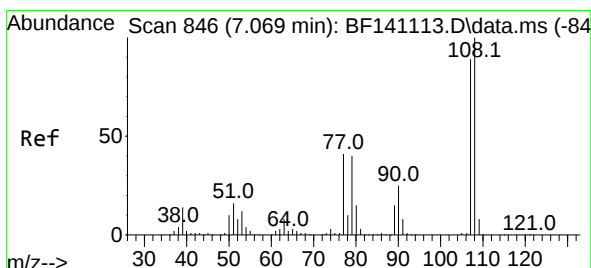
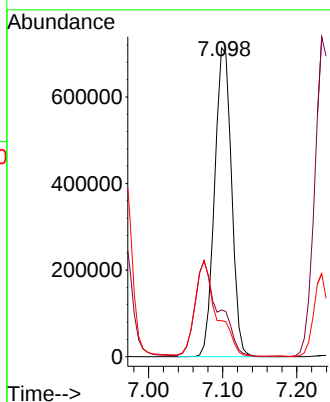
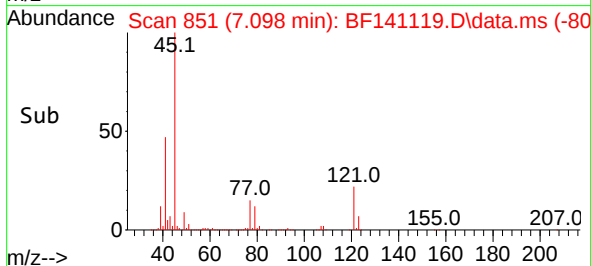


Tgt Ion: 45 Resp: 1129914
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.1
79 11.7 0.0 31.0

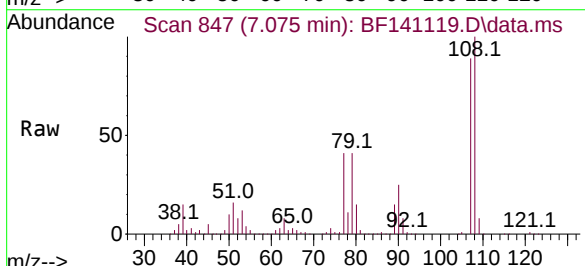
Manual Integrations

APPROVED

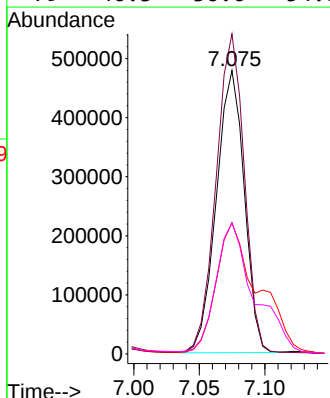
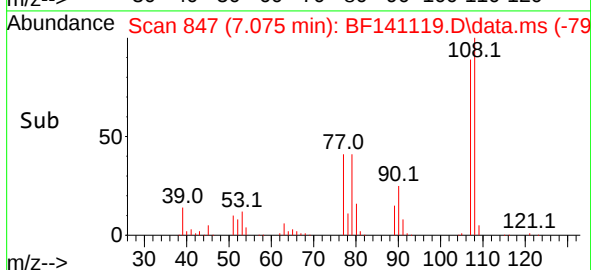
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

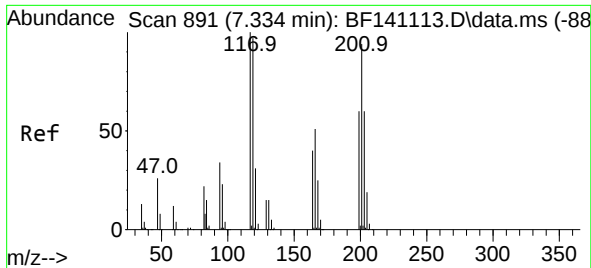


#17
2-Methylphenol
Concen: 73.257 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



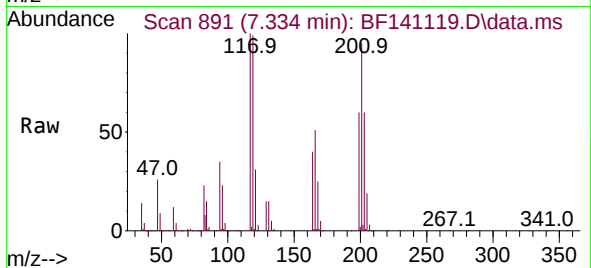
Tgt Ion:107 Resp: 707657
Ion Ratio Lower Upper
107 100
108 112.9 90.1 135.1
77 46.2 36.6 55.0
79 46.3 36.6 54.8





#18
Hexachloroethane
Concen: 71.795 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

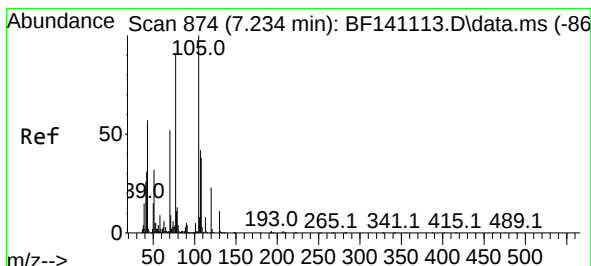
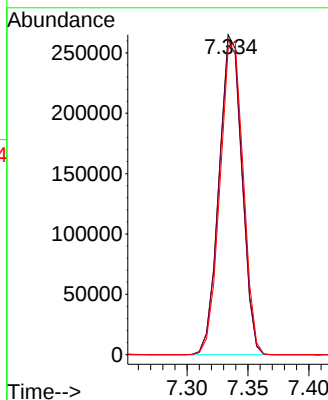
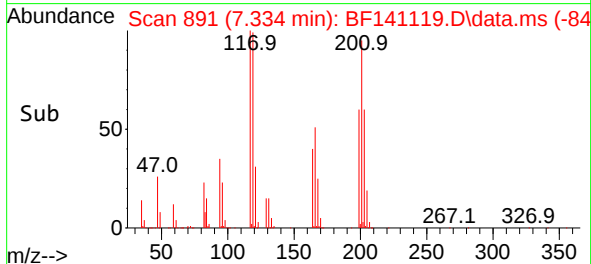
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:117 Resp: 349140
Ion Ratio Lower Upper
117 100
119 98.6 77.6 116.4
201 95.4 75.1 112.7

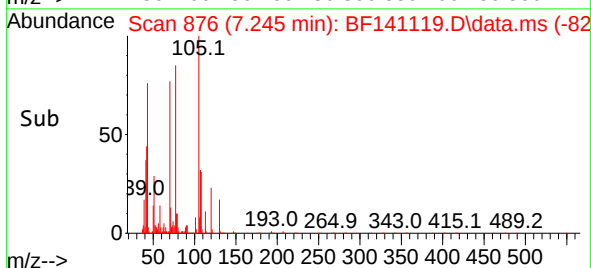
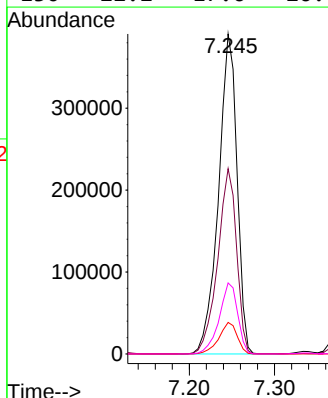
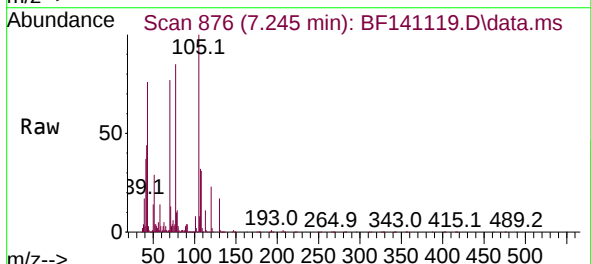
Manual Integrations
APPROVED

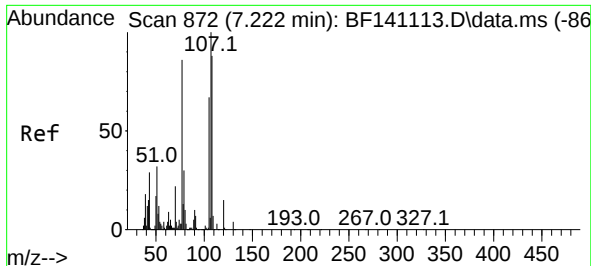
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#19
n-Nitroso-di-n-propylamine
Concen: 70.753 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

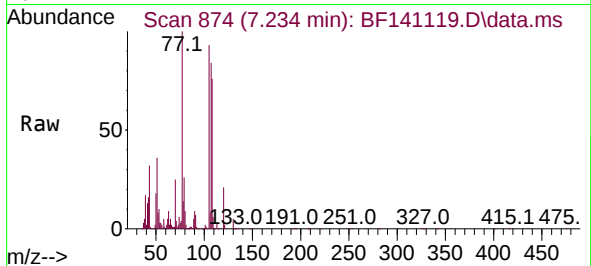
Tgt Ion: 70 Resp: 588783
Ion Ratio Lower Upper
70 100
42 57.9 47.8 71.6
101 9.8 7.9 11.9
130 22.2 17.6 26.4





#20
3+4-Methylphenols
Concen: 66.732 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

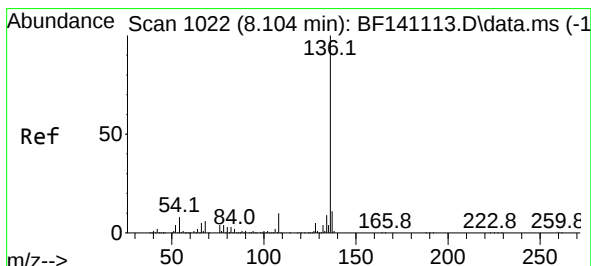
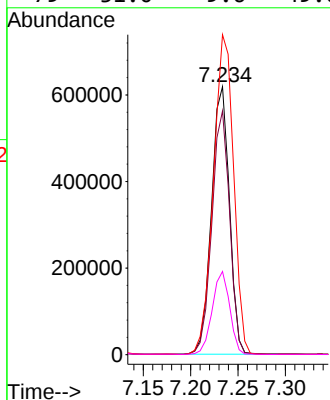
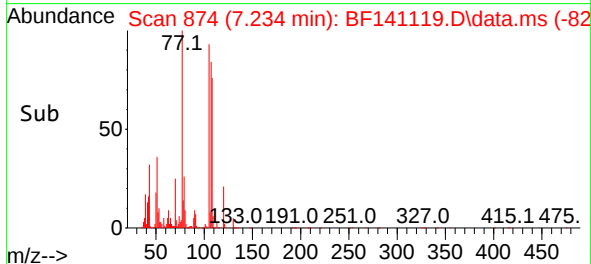
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 81326
Ion Ratio Lower Upper
107 100
108 90.9 68.3 108.3
77 119.4 66.4 106.4
79 31.0 9.6 49.6

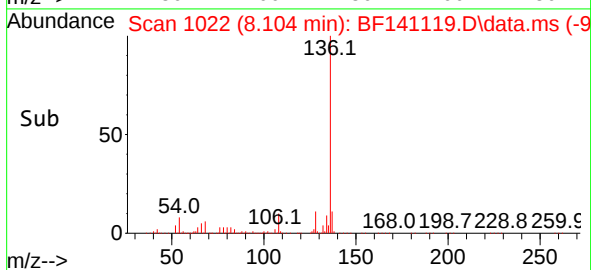
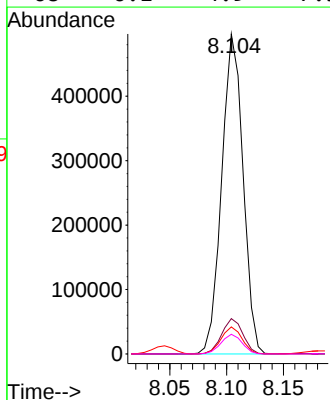
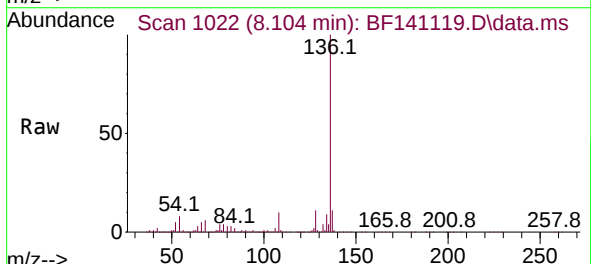
Manual Integrations
APPROVED

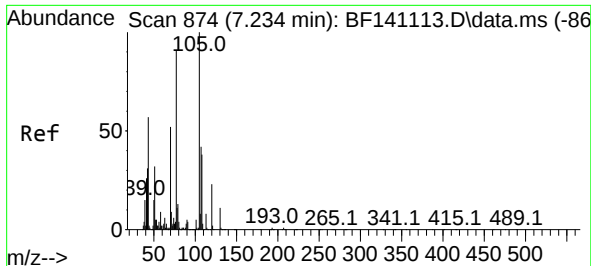
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

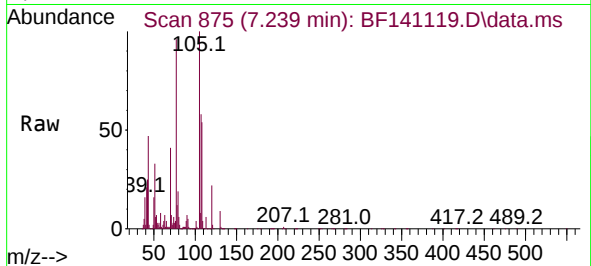
Tgt Ion:136 Resp: 648826
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 6.3 9.5
68 6.1 4.9 7.3





#22
Acetophenone
Concen: 70.218 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

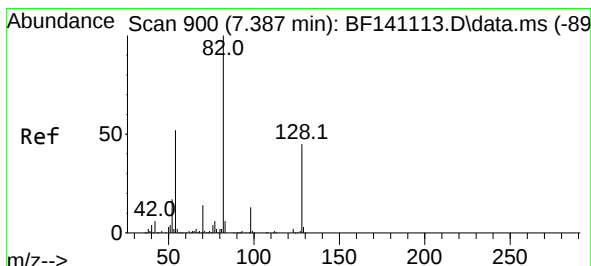
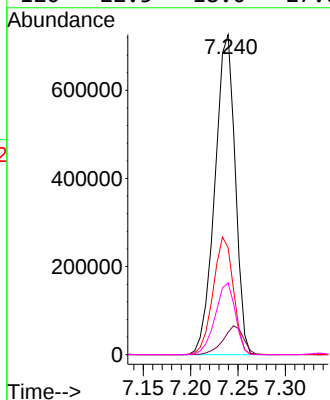
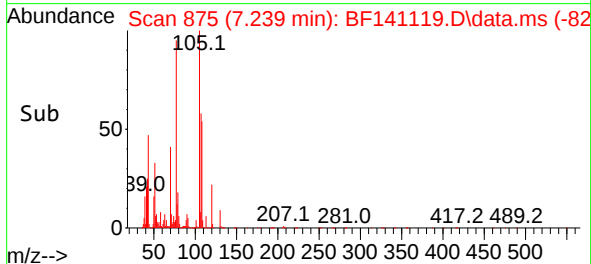
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:105 Resp: 1083059
Ion Ratio Lower Upper
105 100
71 7.0 7.1 10.7
51 33.5 25.4 38.2
120 22.5 18.0 27.0

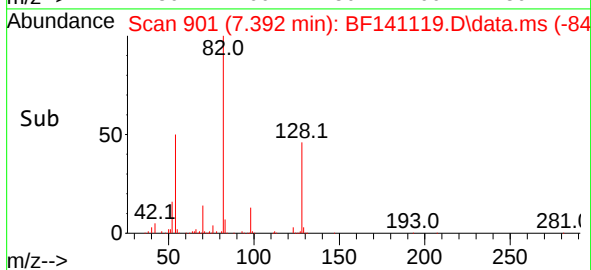
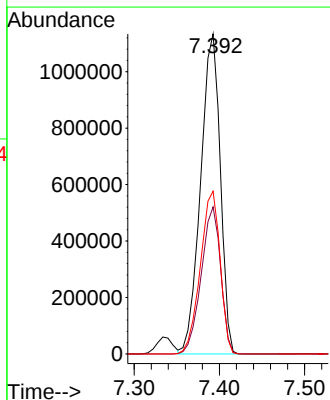
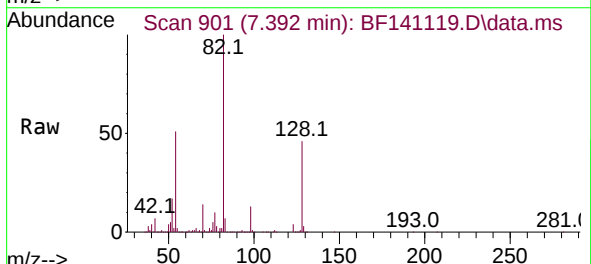
Manual Integrations
APPROVED

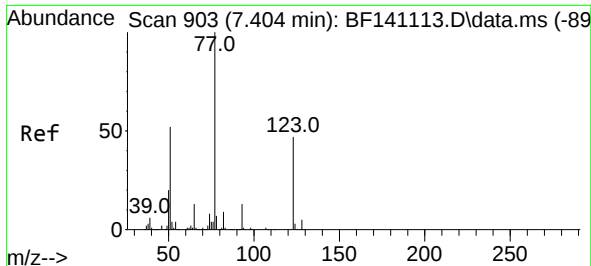
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#23
Nitrobenzene-d5
Concen: 148.154 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion: 82 Resp: 1813409
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 50.9 41.0 61.4





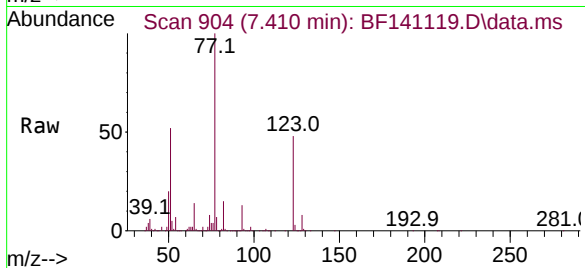
#24
Nitrobenzene
Concen: 73.960 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

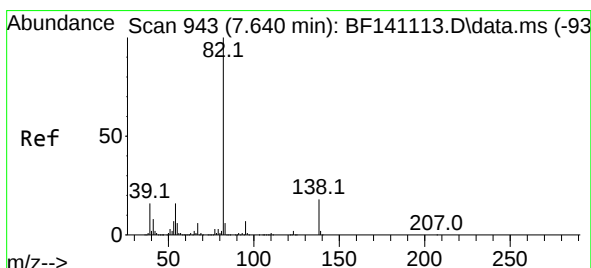
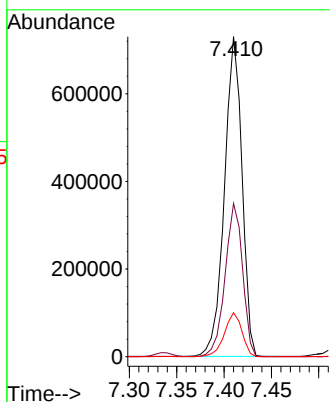
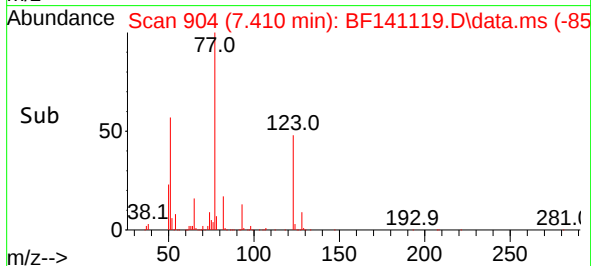


Tgt Ion: 77 Resp: 943483
Ion Ratio Lower Upper
77 100
123 47.9 37.7 56.5
65 13.7 10.6 16.0

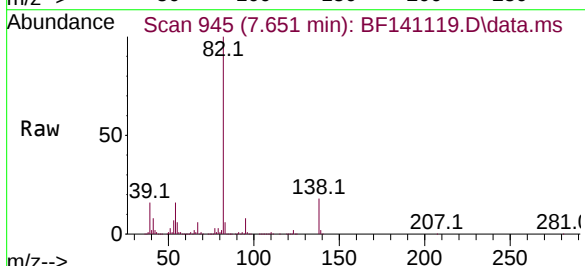
Manual Integrations

APPROVED

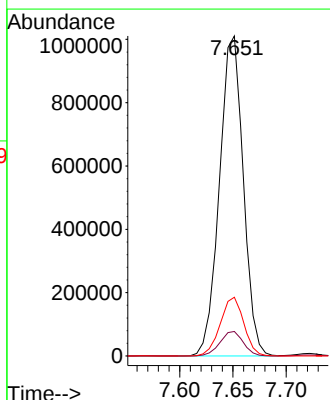
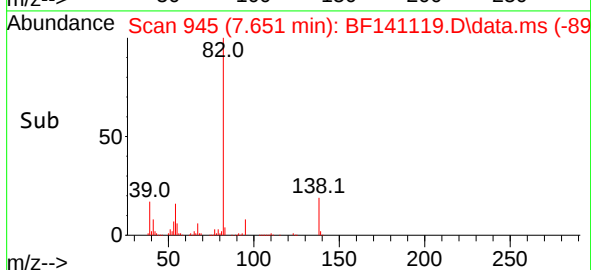
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

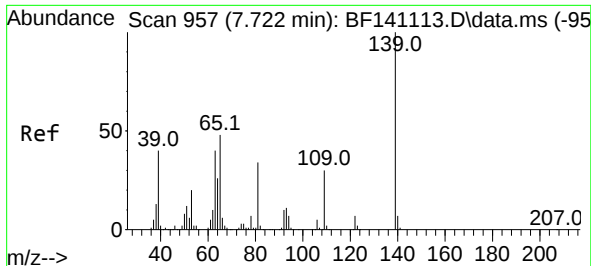


#25
Isophorone
Concen: 75.124 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion: 82 Resp: 1571424
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.4 14.2 21.2





#26
2-Nitrophenol
Concen: 79.834 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

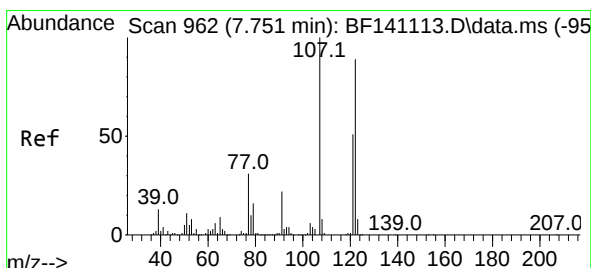
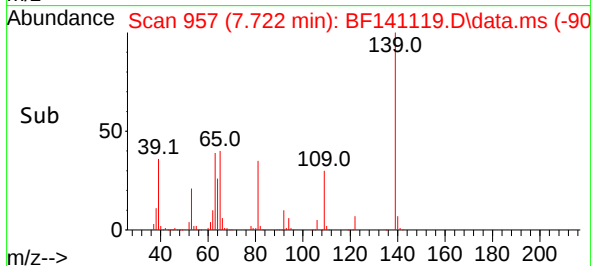
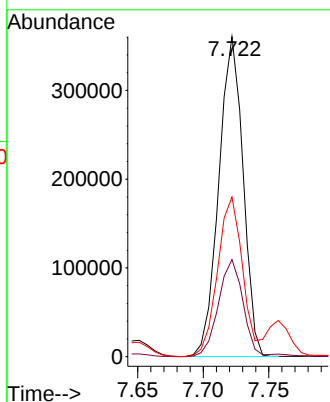
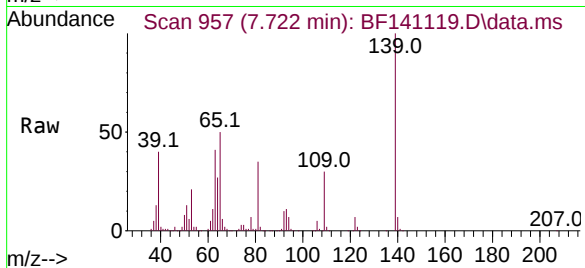
SSTDICC080

Tgt Ion:139 Resp: 46326
Ion Ratio Lower Upper
139 100
109 30.3 23.8 35.6
65 49.9 38.5 57.7

Manual Integrations

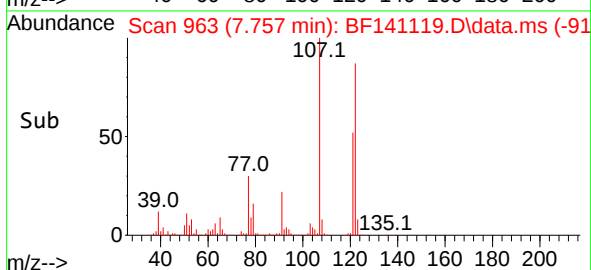
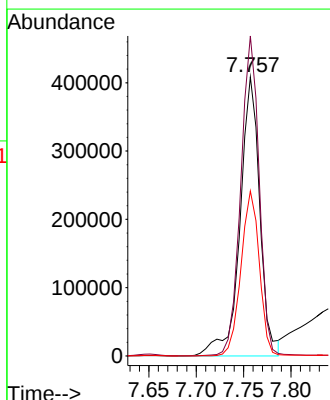
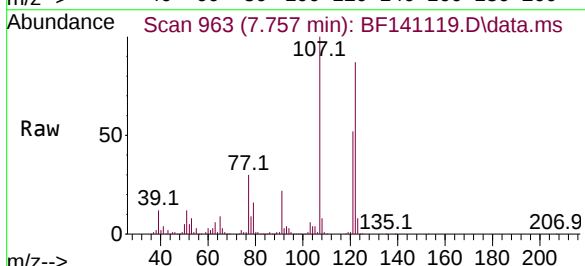
APPROVED

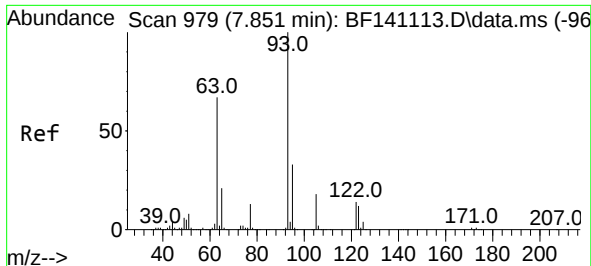
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#27
2,4-Dimethylphenol
Concen: 75.959 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

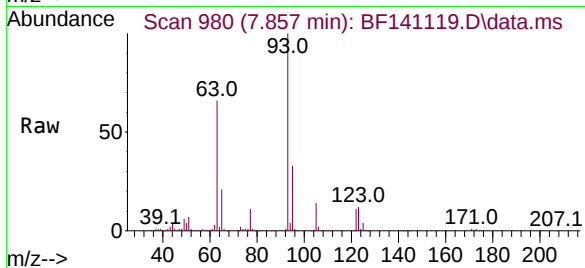
Tgt Ion:122 Resp: 594544
Ion Ratio Lower Upper
122 100
107 114.7 90.3 135.5
121 59.1 46.5 69.7





#28
bis(2-Chloroethoxy)methane
Concen: 74.449 ng
RT: 7.857 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

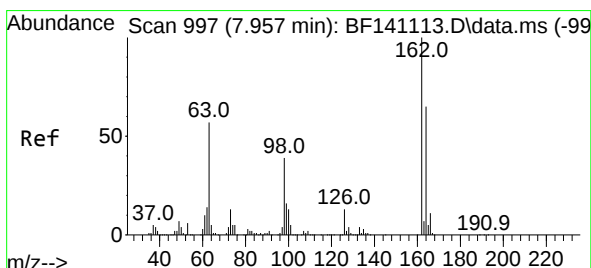
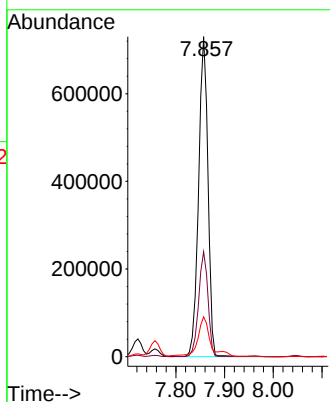
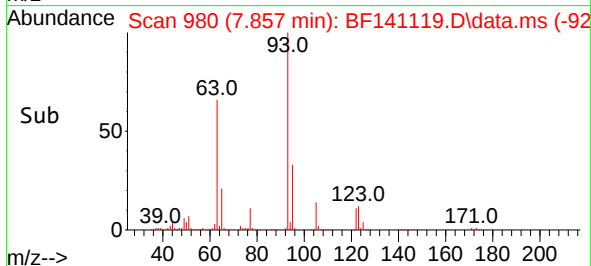
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 977334
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.5 10.1 15.1

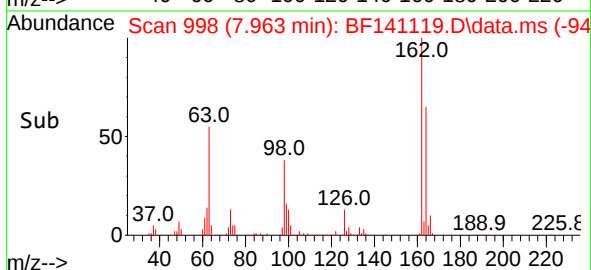
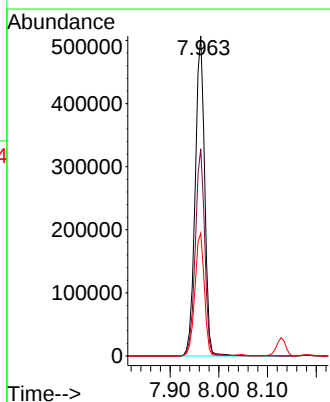
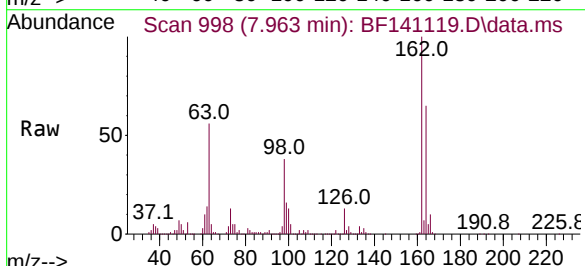
Manual Integrations
APPROVED

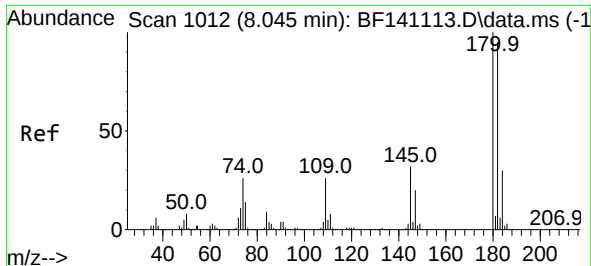
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#29
2,4-Dichlorophenol
Concen: 74.162 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:162 Resp: 689420
Ion Ratio Lower Upper
162 100
164 64.8 44.5 84.5
98 38.3 18.5 58.5





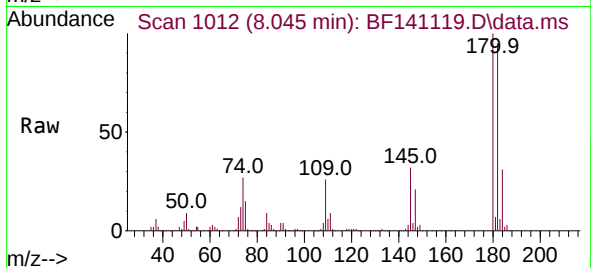
#30
1,2,4-Trichlorobenzene
Concen: 73.098 ng
RT: 8.045 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

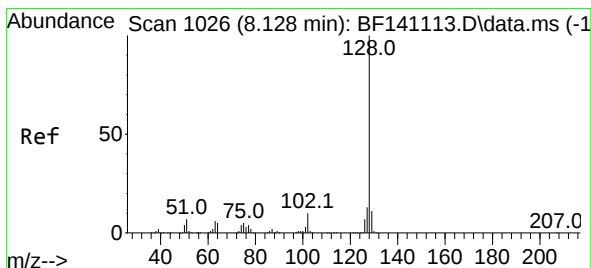
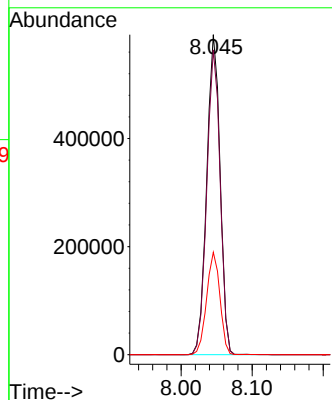
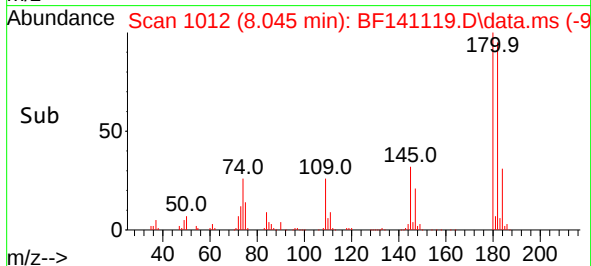


Tgt Ion:180 Resp: 77672
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.2
145 32.0 25.3 37.9

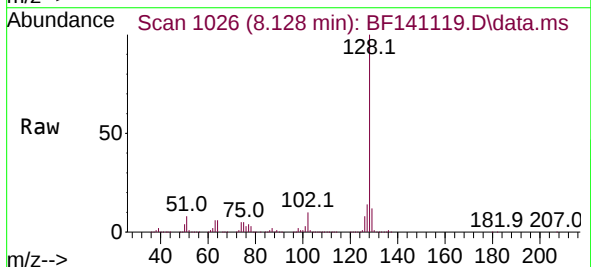
Manual Integrations

APPROVED

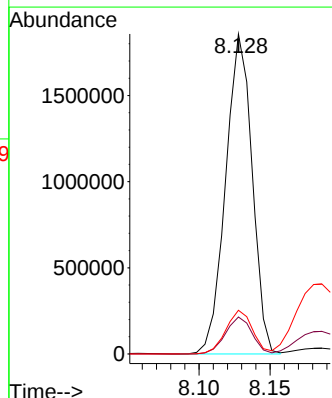
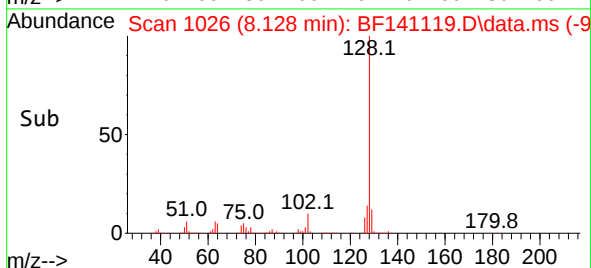
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

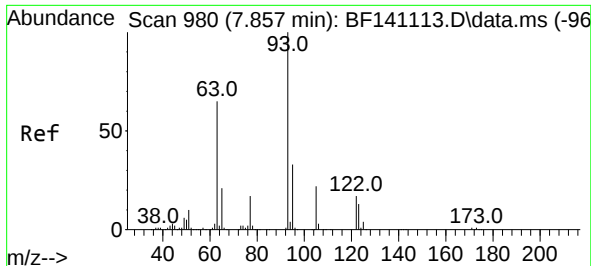


#31
Naphthalene
Concen: 70.480 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



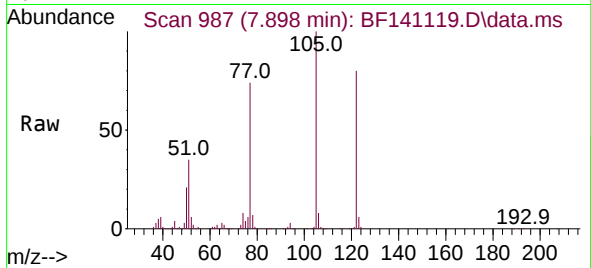
Tgt Ion:128 Resp: 2411578
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.8 16.2





#32
Benzoic acid
Concen: 86.411 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.041 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

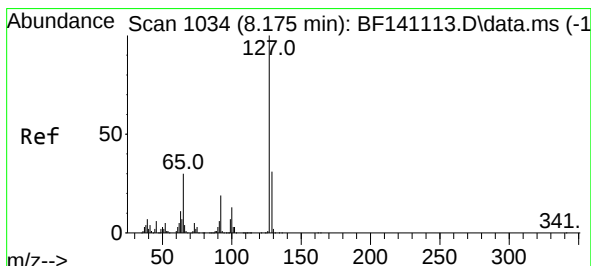
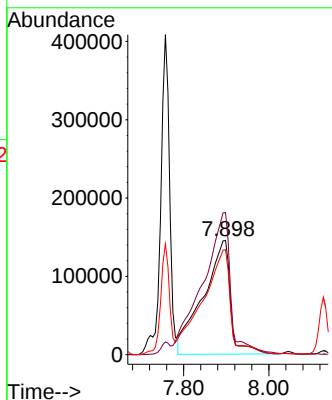
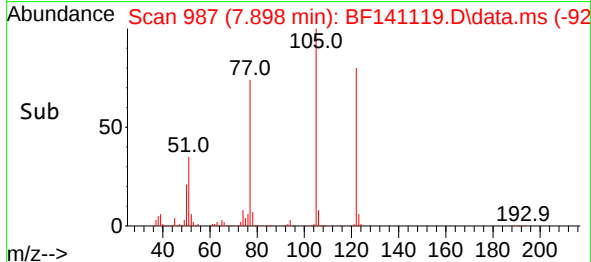
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



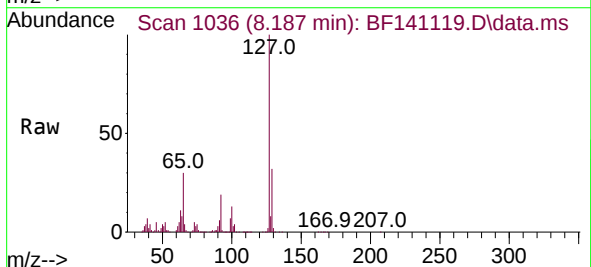
Tgt Ion:122 Resp: 648810
Ion Ratio Lower Upper
122 100
105 124.5 105.5 145.5
77 91.9 75.1 115.1

Manual Integrations
APPROVED

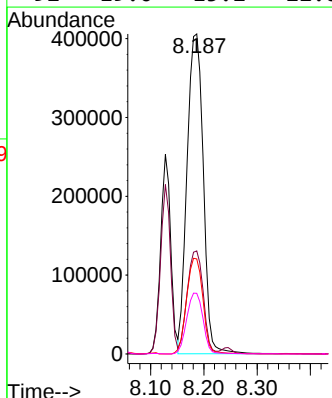
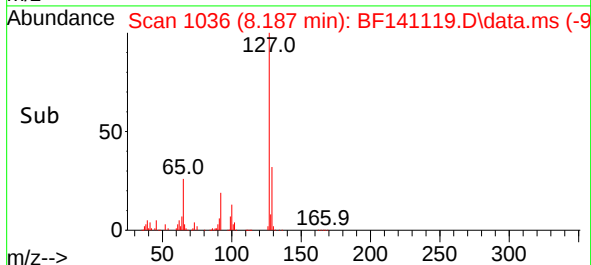
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

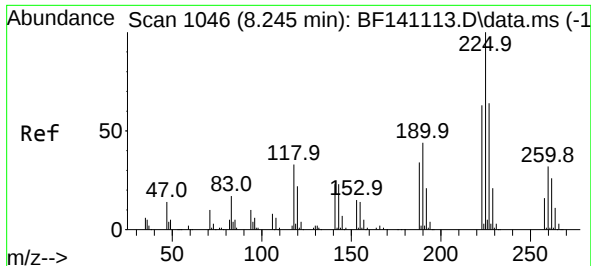


#33
4-Chloroaniline
Concen: 72.688 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:127 Resp: 860135
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 29.7 23.8 35.8
92 19.0 15.2 22.8





#34
Hexachlorobutadiene
Concen: 72.969 ng
RT: 8.245 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

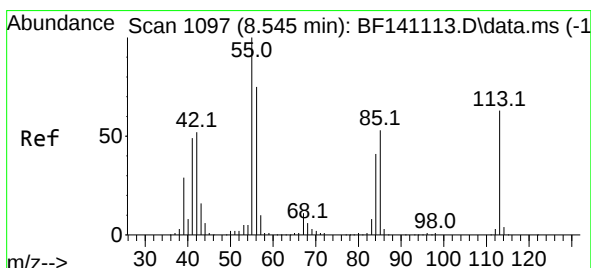
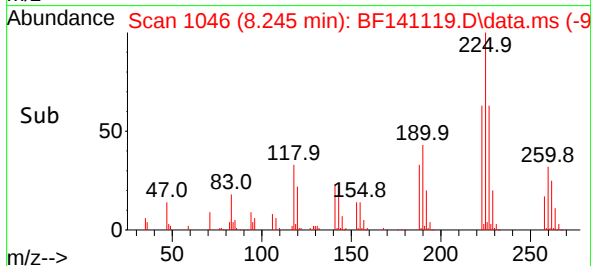
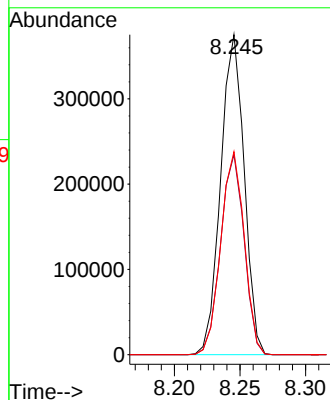
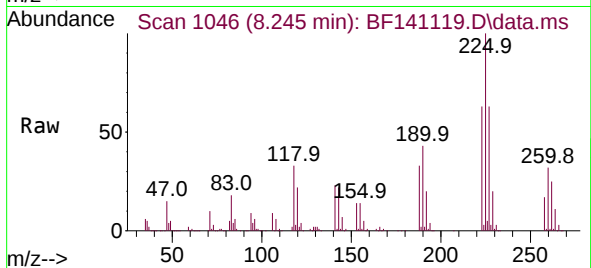
SSTDICC080

Tgt Ion:225 Resp: 467194
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 63.4 51.6 77.4

Manual Integrations

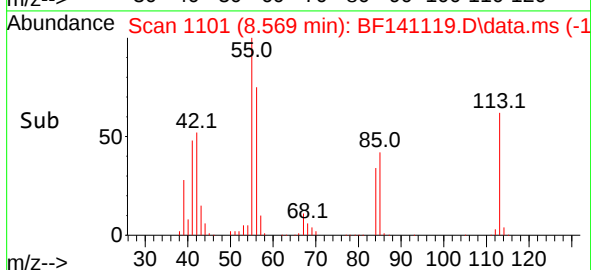
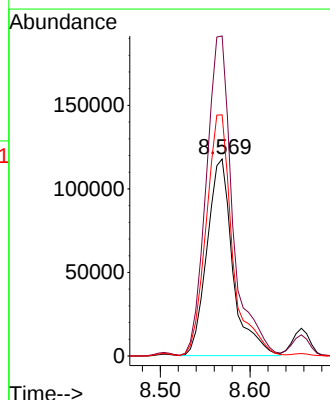
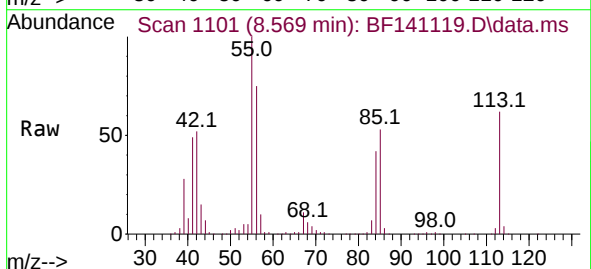
APPROVED

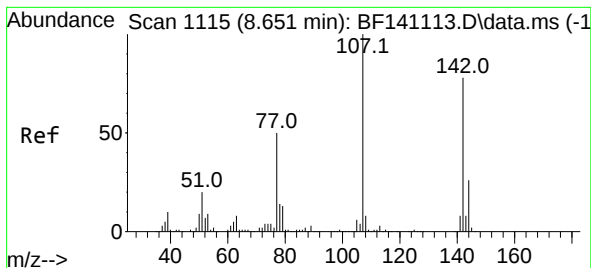
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#35
Caprolactam
Concen: 77.436 ng
RT: 8.569 min Scan# 1101
Delta R.T. 0.024 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:113 Resp: 236127
Ion Ratio Lower Upper
113 100
55 162.5 139.7 179.7
56 122.5 99.4 139.4





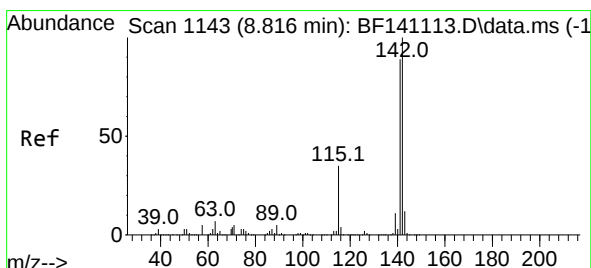
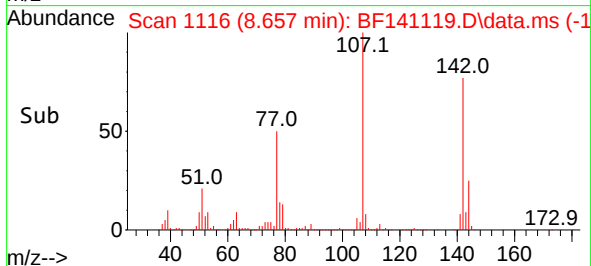
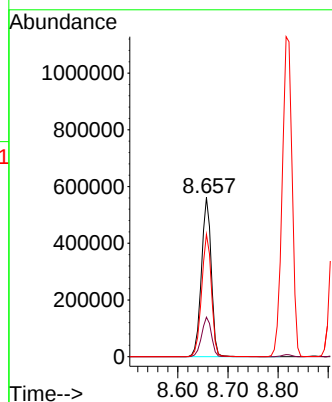
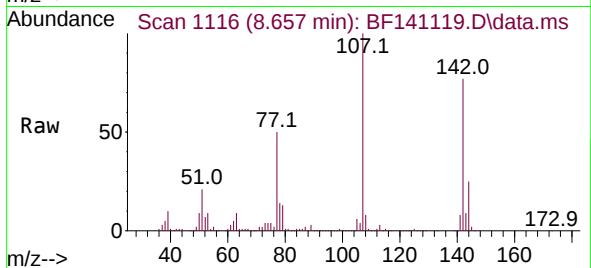
#36
4-Chloro-3-methylphenol
Concen: 74.822 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 760692
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 76.8 62.2 93.2

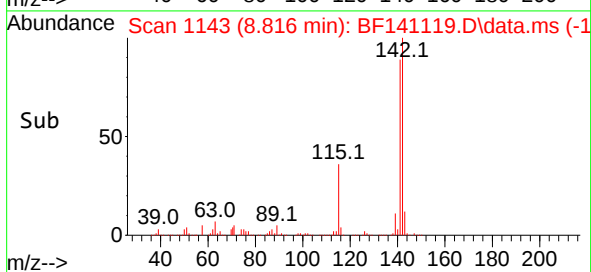
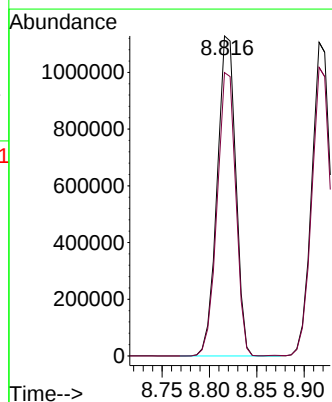
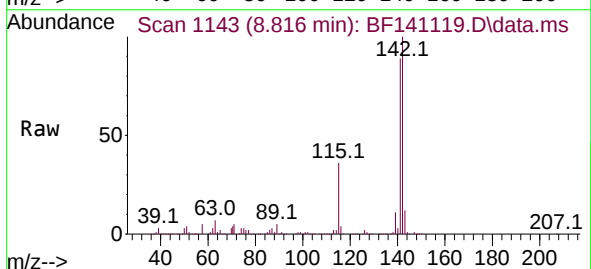
Manual Integrations
APPROVED

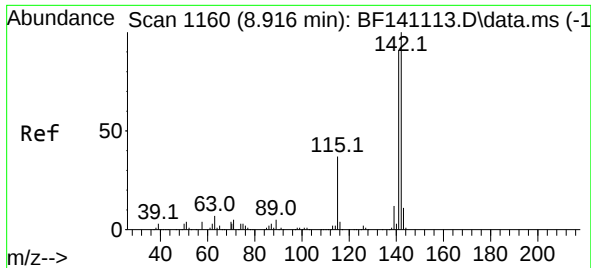
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#37
2-Methylnaphthalene
Concen: 70.820 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:142 Resp: 1544153
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9





#38
1-Methylnaphthalene
Concen: 70.172 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

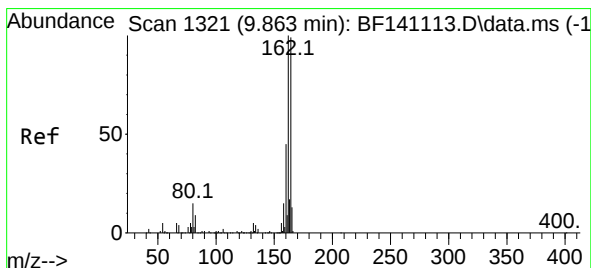
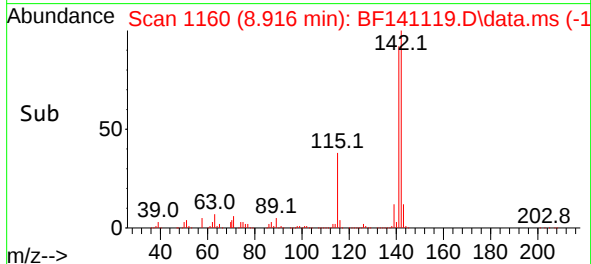
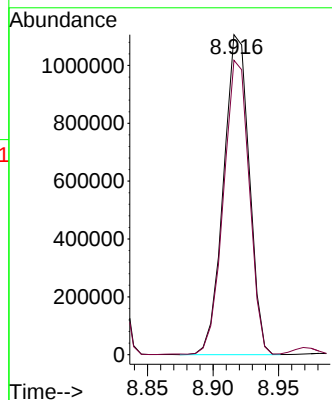
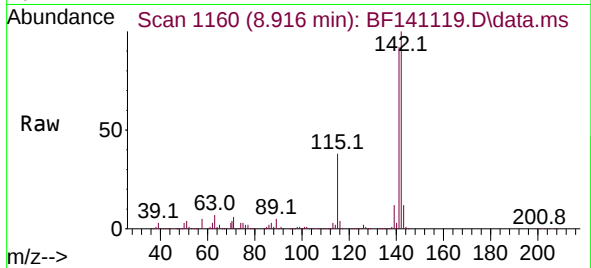
ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 150788
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7

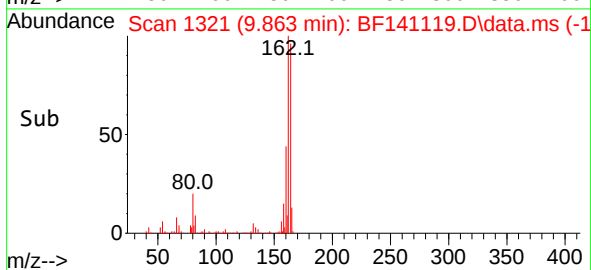
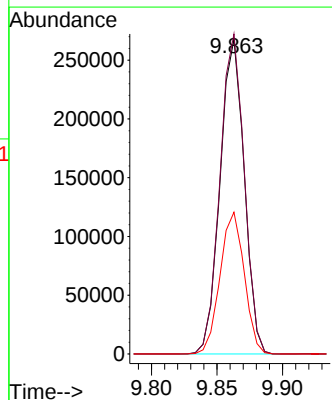
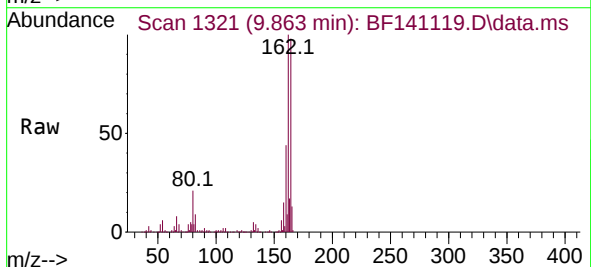
Manual Integrations
APPROVED

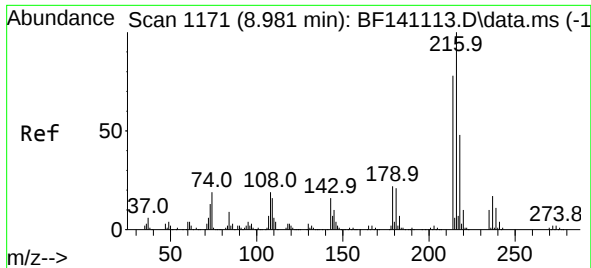
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:164 Resp: 342460
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.1 36.1 54.1





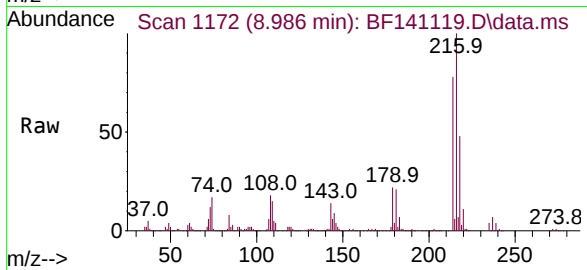
#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.478 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

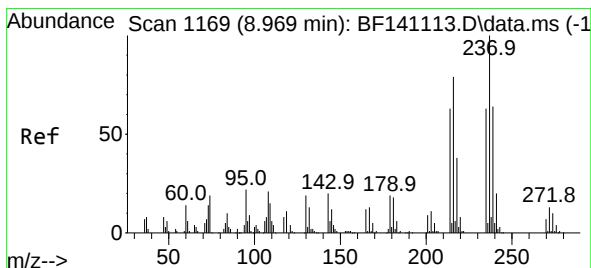
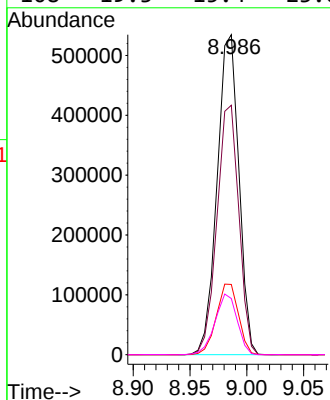
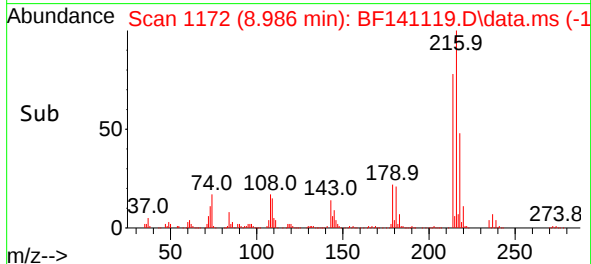


Tgt Ion:216 Resp: 71240
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 22.4 17.7 26.5
108 19.3 15.4 23.0

Manual Integrations

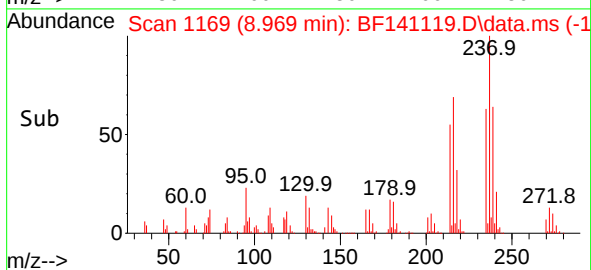
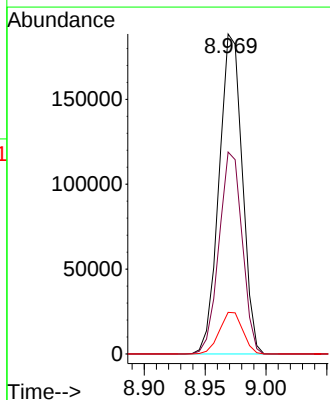
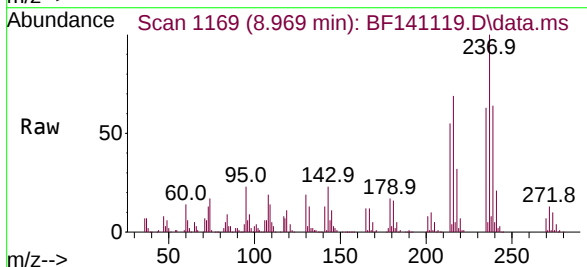
APPROVED

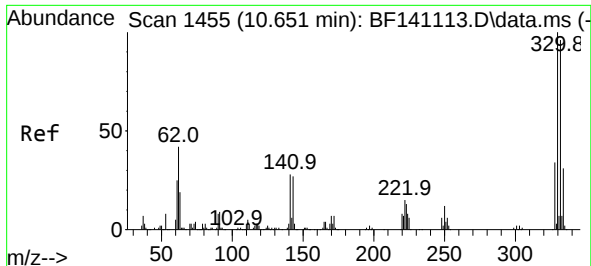
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#41
Hexachlorocyclopentadiene
Concen: 77.724 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:237 Resp: 249944
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.0 0.0 33.0





#42
2,4,6-Tribromophenol
Concen: 154.132 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

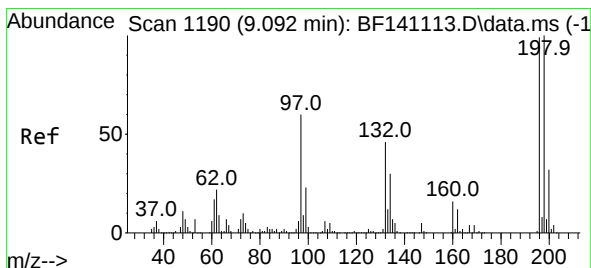
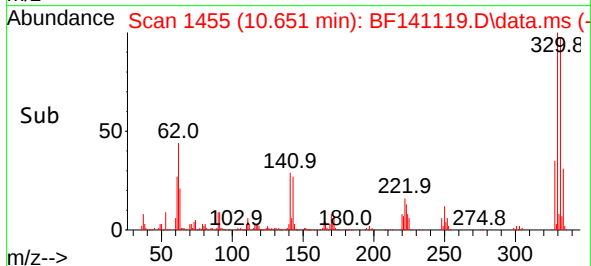
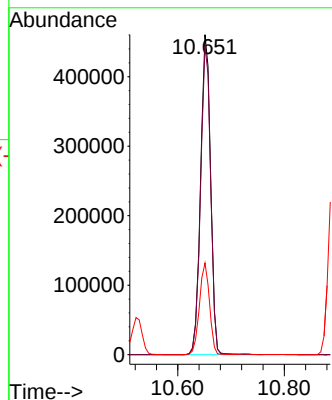
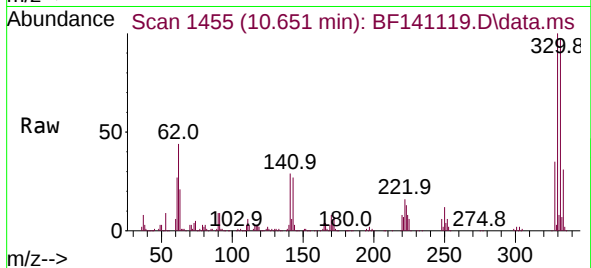
SSTDICC080

Tgt Ion:330 Resp: 601438
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.9 25.2 37.8

Manual Integrations

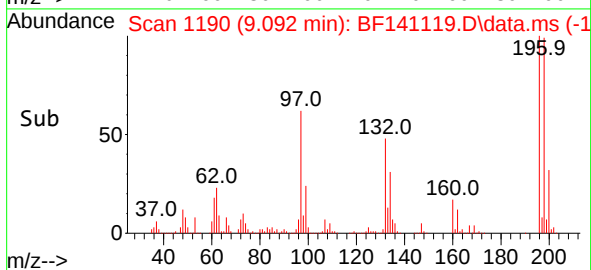
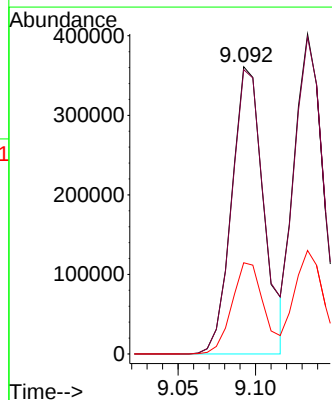
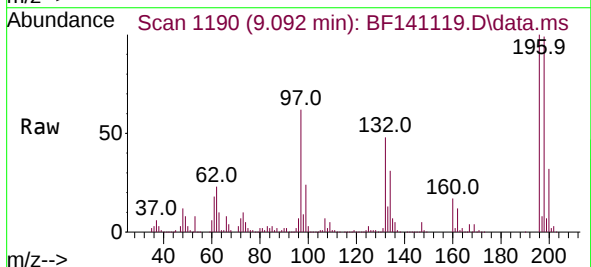
APPROVED

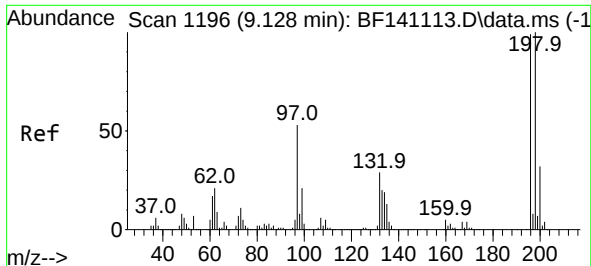
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#43
2,4,6-Trichlorophenol
Concen: 77.920 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

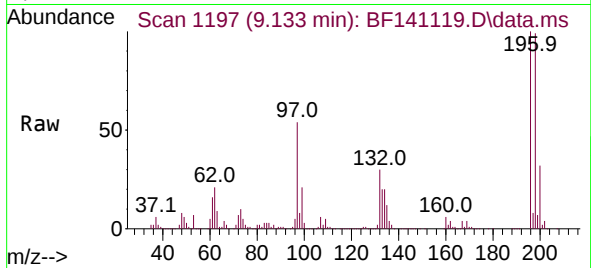
Tgt Ion:196 Resp: 516551
Ion Ratio Lower Upper
196 100
198 99.0 80.8 121.2
200 31.7 25.7 38.5





#44
2,4,5-Trichlorophenol
Concen: 73.839 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

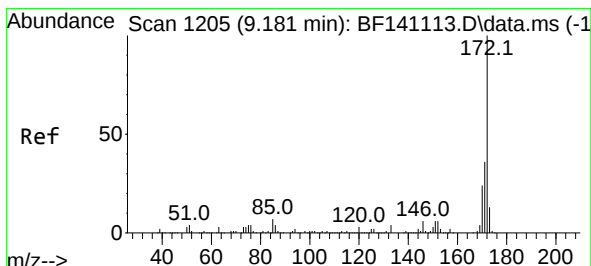
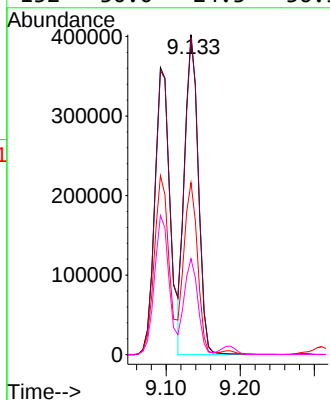
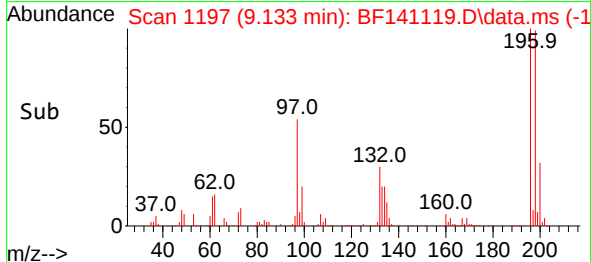
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 516960
Ion Ratio Lower Upper
196 100
198 99.1 80.6 120.8
97 53.8 43.1 64.7
132 30.0 24.3 36.5

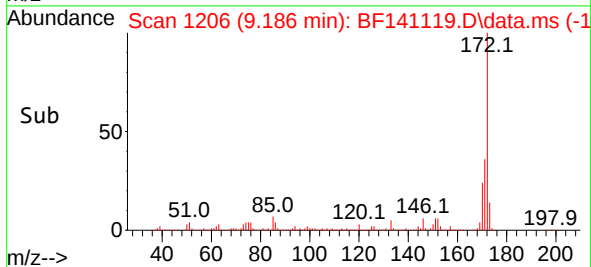
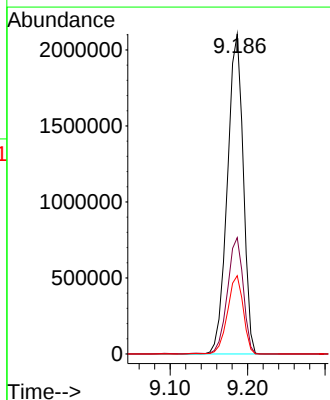
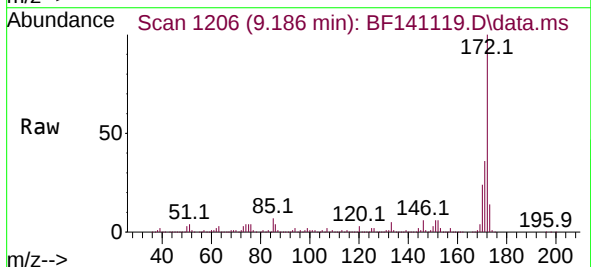
Manual Integrations
APPROVED

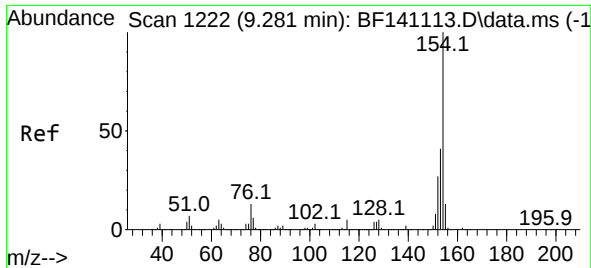
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#45
2-Fluorobiphenyl
Concen: 133.666 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

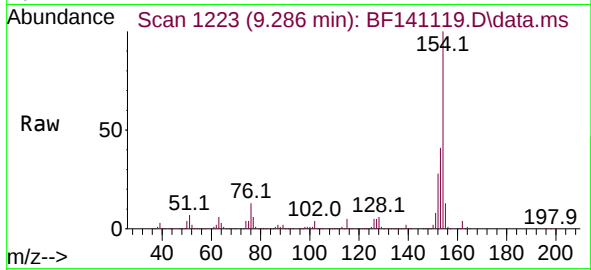
Tgt Ion:172 Resp: 2997639
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.4 19.0 28.6





#46
1,1'-Biphenyl
Concen: 69.734 ng
RT: 9.286 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

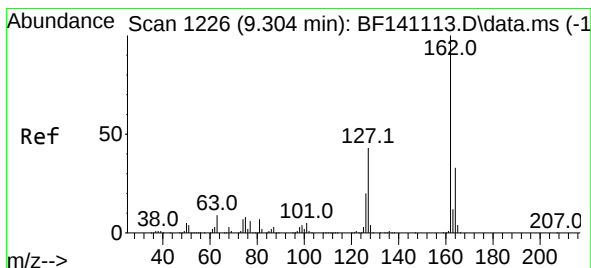
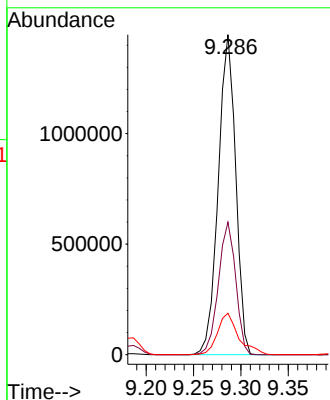
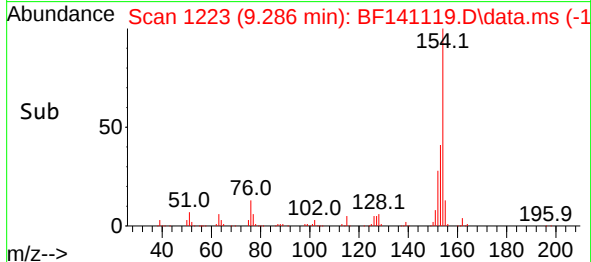
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



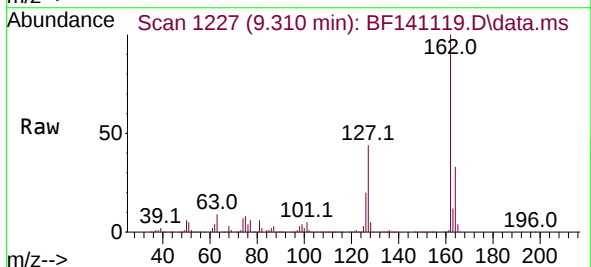
Tgt Ion:154 Resp: 185461
Ion Ratio Lower Upper
154 100
153 41.4 20.7 60.7
76 12.9 0.0 33.1

Manual Integrations
APPROVED

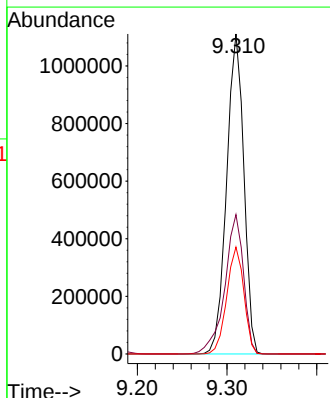
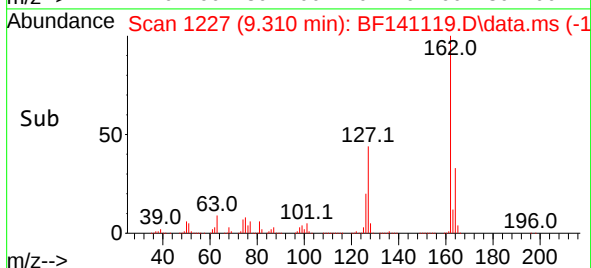
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

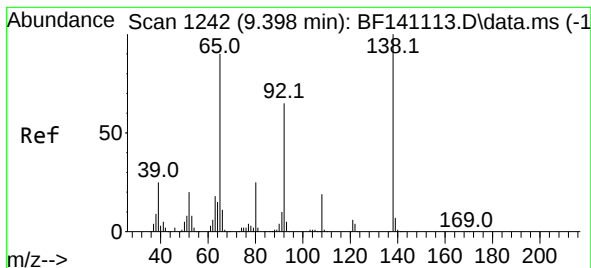


#47
2-Chloronaphthalene
Concen: 71.352 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:162 Resp: 1478014
Ion Ratio Lower Upper
162 100
127 43.6 34.6 51.8
164 33.4 26.5 39.7





#48

2-Nitroaniline

Concen: 77.400 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 65 Resp: 475269

Ion Ratio Lower Upper

65 100

92 71.1 58.3 87.5

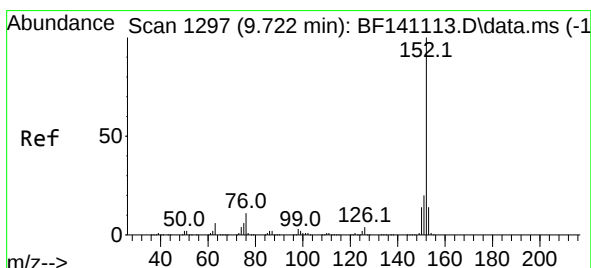
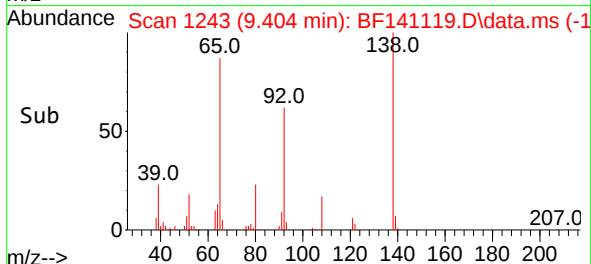
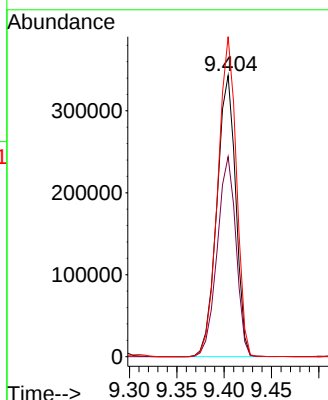
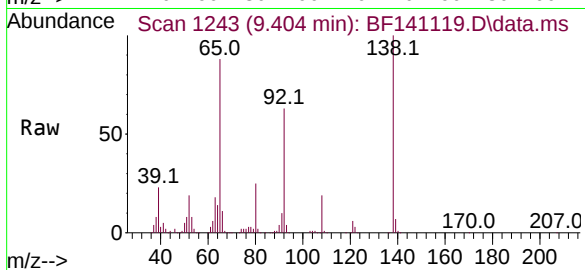
138 113.8 89.1 133.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#49

Acenaphthylene

Concen: 71.297 ng

RT: 9.728 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

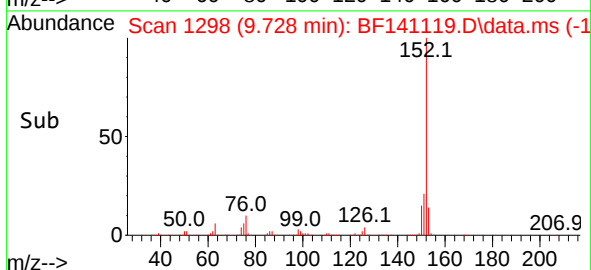
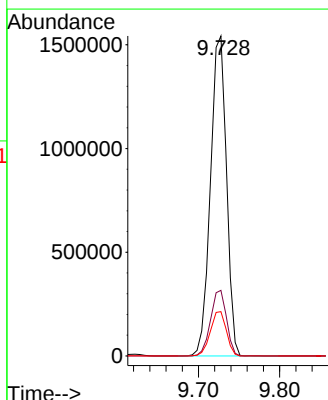
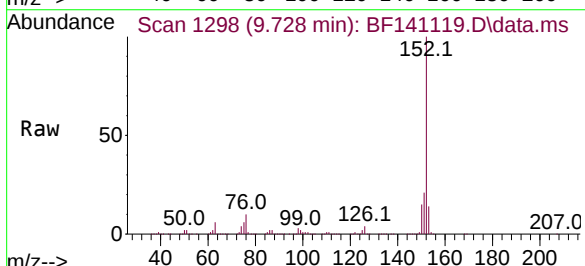
Tgt Ion:152 Resp: 2110029

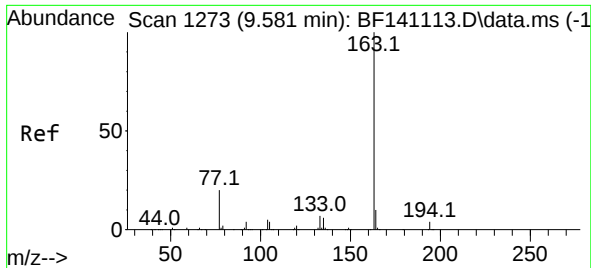
Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

153 13.8 11.1 16.7





#50
Dimethylphthalate
Concen: 73.435 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

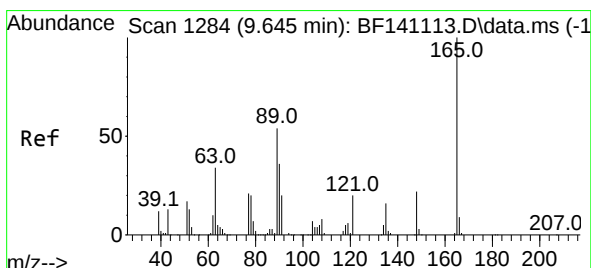
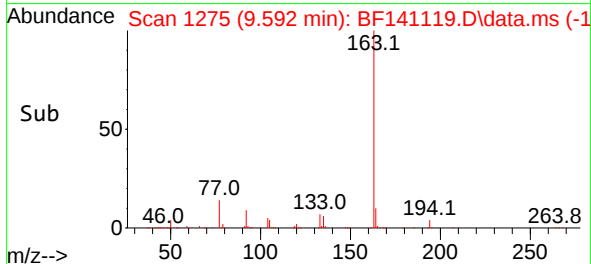
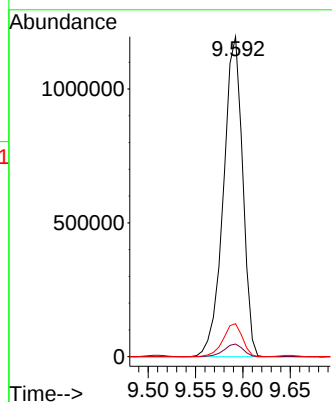
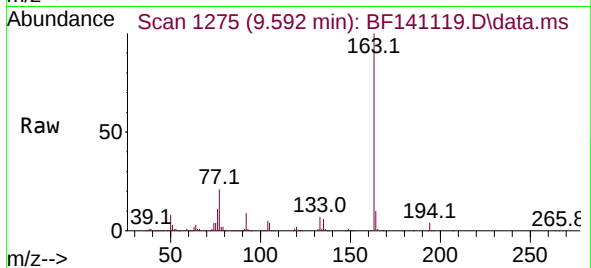
SSTDICC080

Tgt Ion:163 Resp: 168832
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4

Manual Integrations

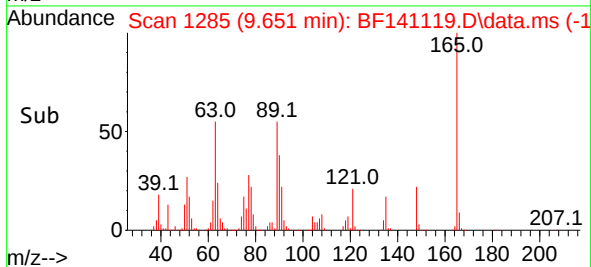
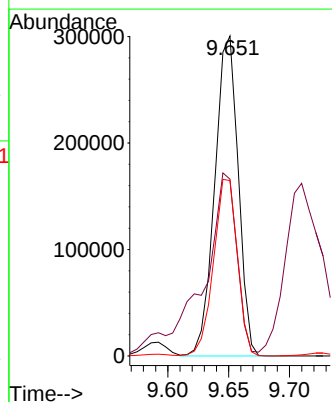
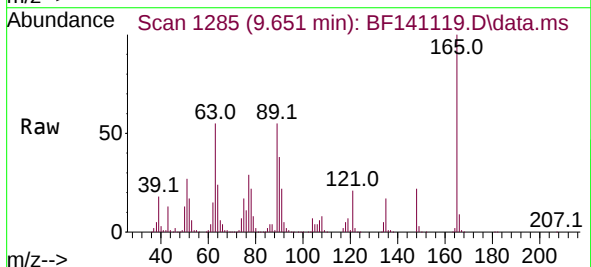
APPROVED

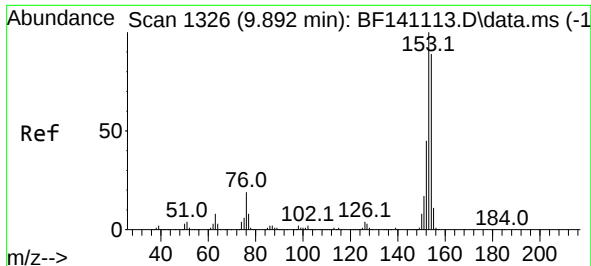
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#51
2,6-Dinitrotoluene
Concen: 75.439 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:165 Resp: 403325
Ion Ratio Lower Upper
165 100
63 55.2 42.3 63.5
89 54.8 43.1 64.7





#52
Acenaphthene
Concen: 71.956 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

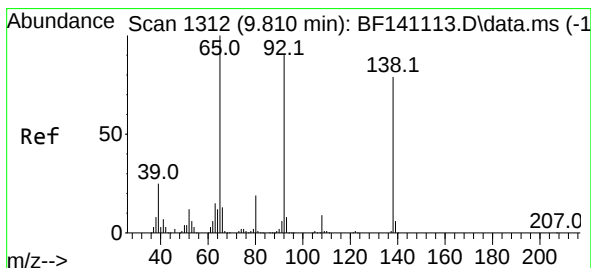
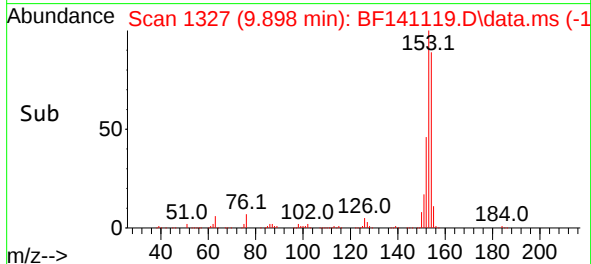
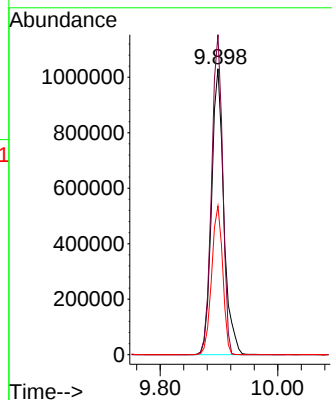
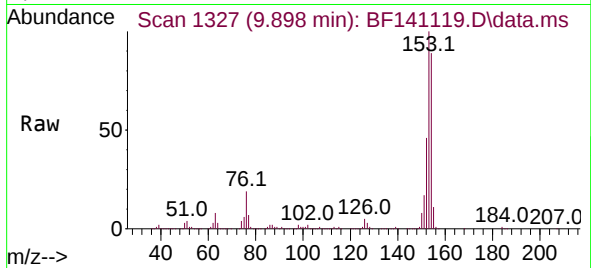
ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 1487800
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.0 40.8 61.2

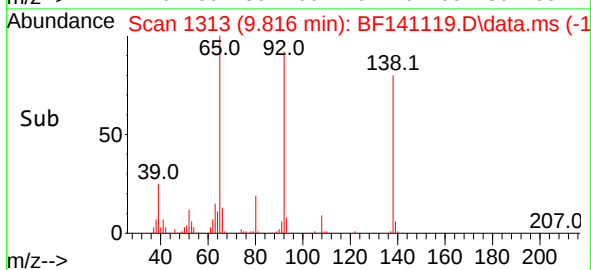
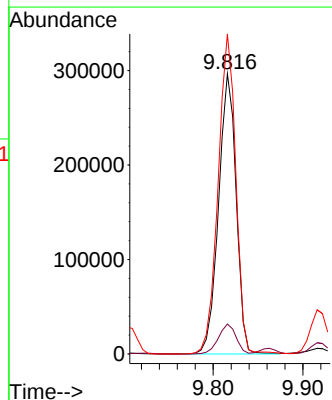
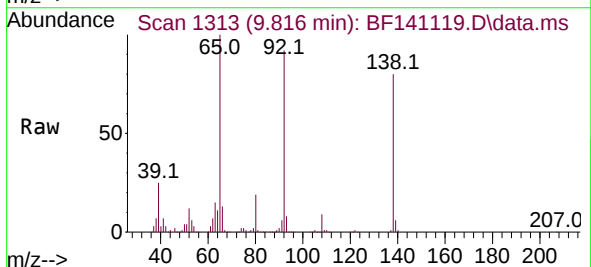
Manual Integrations
APPROVED

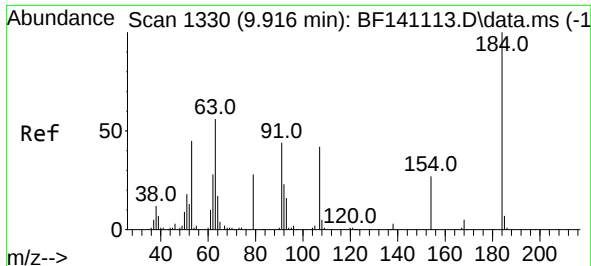
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#53
3-Nitroaniline
Concen: 74.366 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:138 Resp: 404031
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 114.2 91.3 136.9





#54
2,4-Dinitrophenol
Concen: 91.933 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

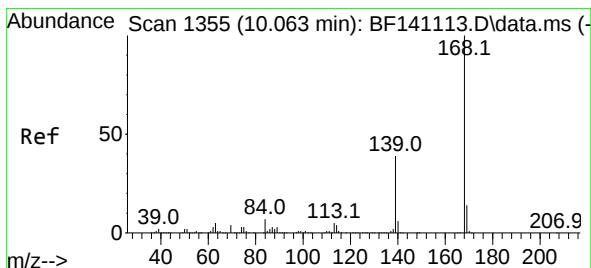
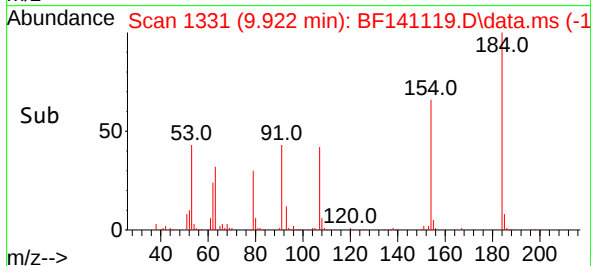
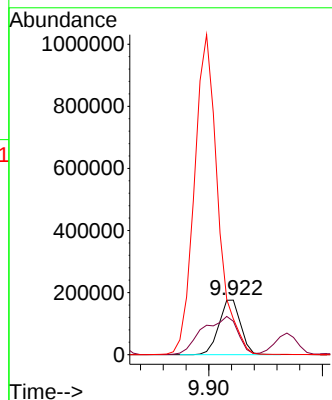
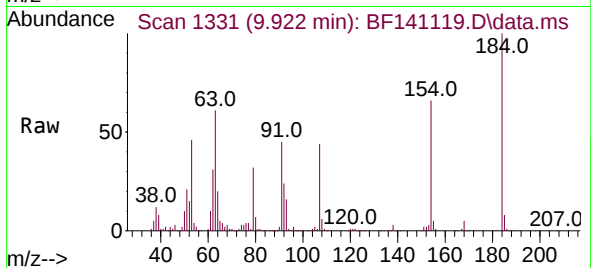
SSTDICC080

Tgt Ion:184 Resp: 23362
Ion Ratio Lower Upper
184 100
63 61.4 48.7 73.1
154 65.8 57.1 85.7

Manual Integrations

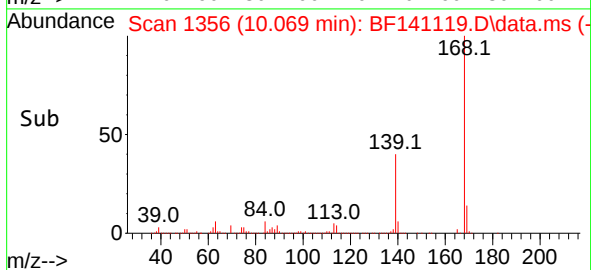
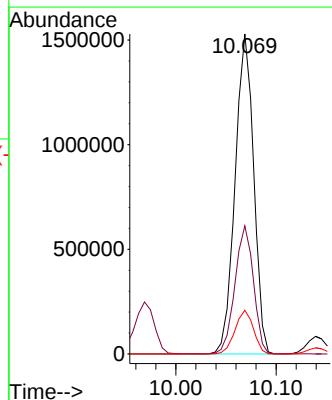
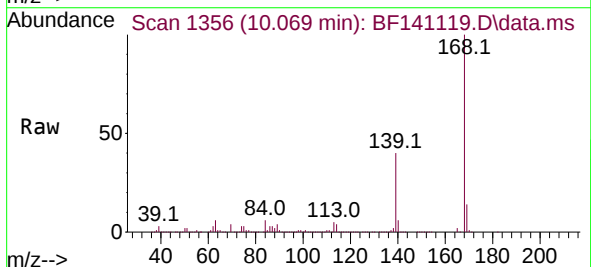
APPROVED

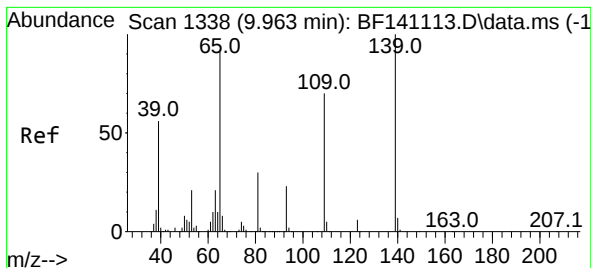
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#55
Dibenzofuran
Concen: 70.137 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

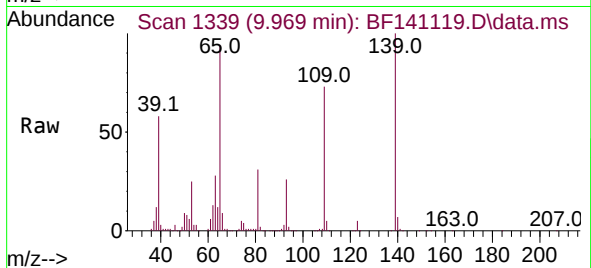
Tgt Ion:168 Resp: 1972541
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.0
169 13.6 10.9 16.3





#56
4-Nitrophenol
Concen: 79.690 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

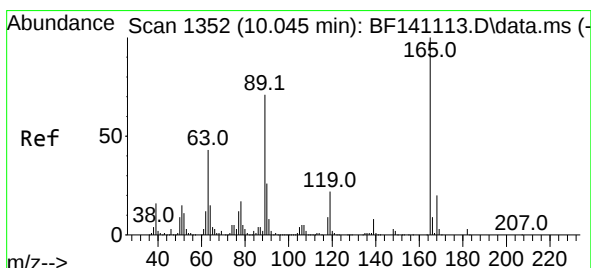
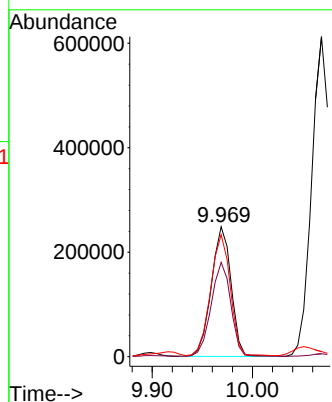
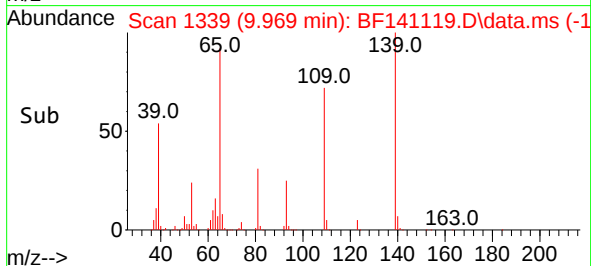
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 33908
Ion Ratio Lower Upper
139 100
109 72.6 50.2 90.2
65 93.8 72.1 112.1

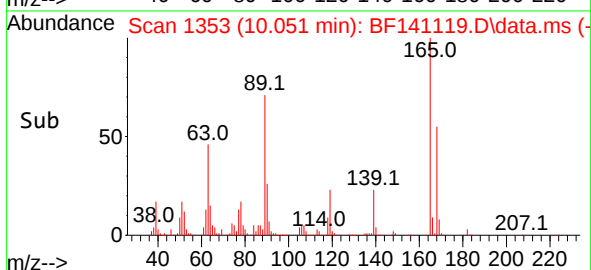
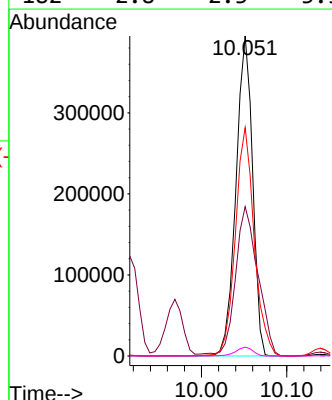
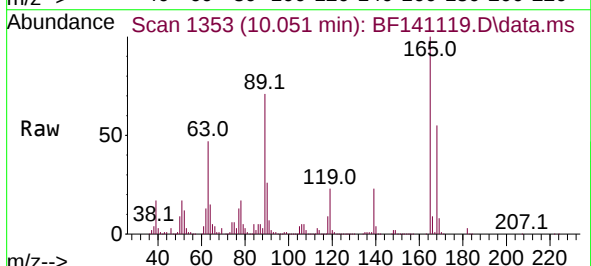
Manual Integrations
APPROVED

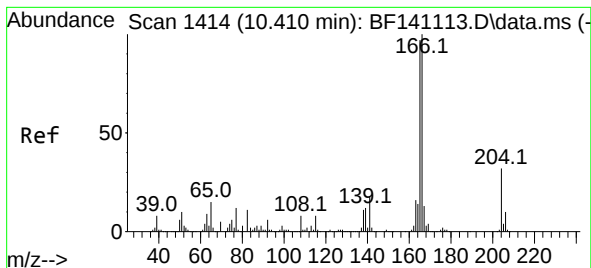
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#57
2,4-Dinitrotoluene
Concen: 77.452 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:165 Resp: 533647
Ion Ratio Lower Upper
165 100
63 46.6 35.0 52.4
89 71.3 56.7 85.1
182 2.8 2.3 3.5





#58

Fluorene

Concen: 68.372 ng

RT: 10.410 min Scan# 1414

Delta R.T. -0.000 min

Lab File: BF141119.D

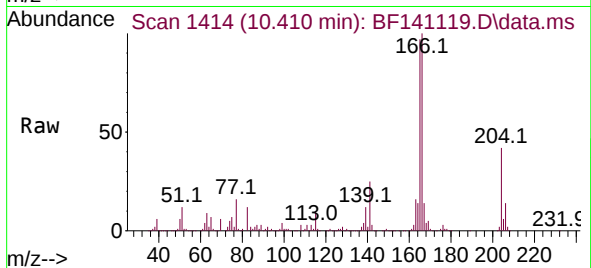
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:166 Resp: 149390

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.8

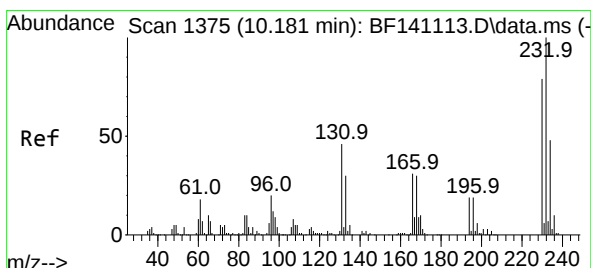
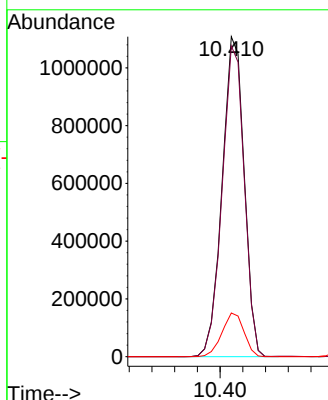
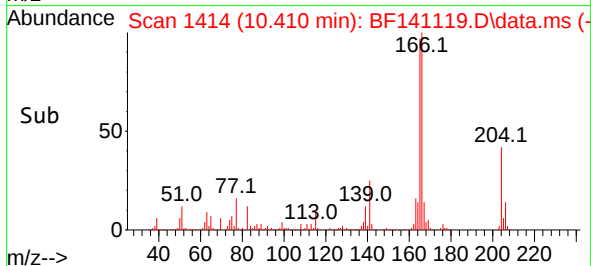
167 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 73.631 ng

RT: 10.186 min Scan# 1376

Delta R.T. 0.006 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Tgt Ion:232 Resp: 428499

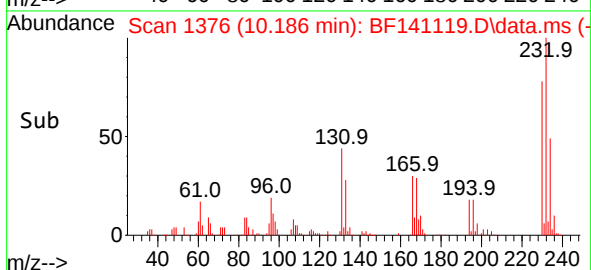
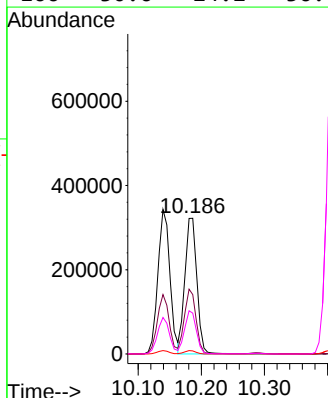
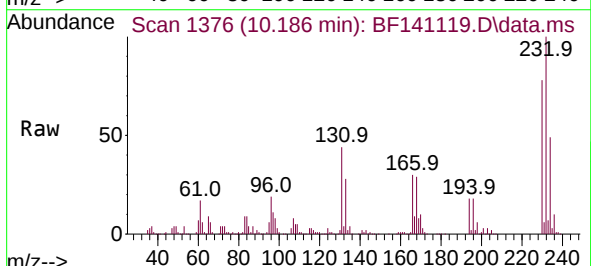
Ion Ratio Lower Upper

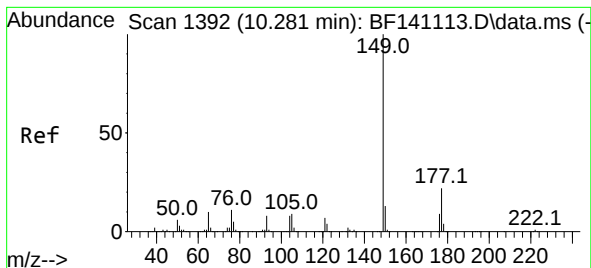
232 100

131 45.8 36.2 54.4

130 2.4 2.0 3.0

166 30.6 24.2 36.4





#60
Diethylphthalate
Concen: 72.366 ng
RT: 10.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

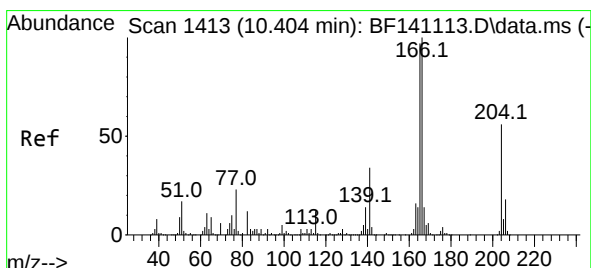
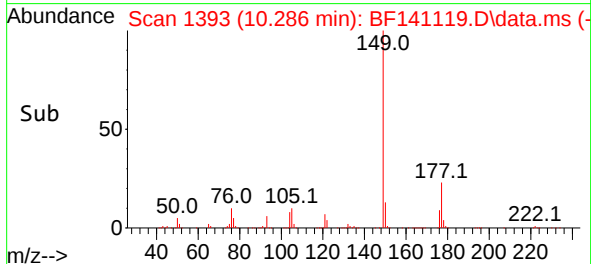
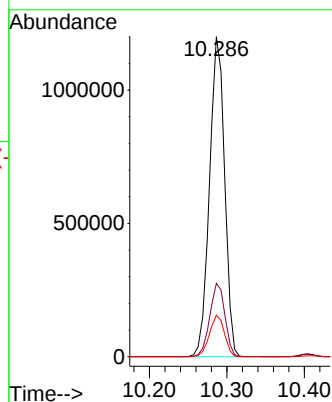
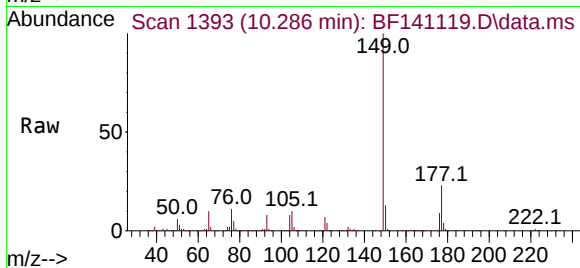
SSTDICC080

Tgt Ion:149 Resp: 1624220
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.9 10.2 15.2

Manual Integrations

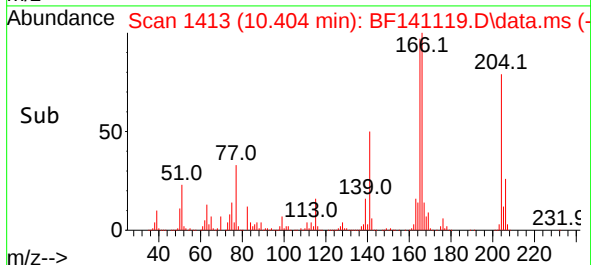
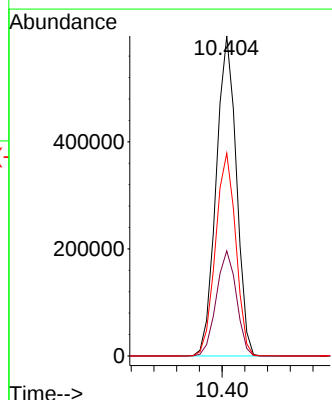
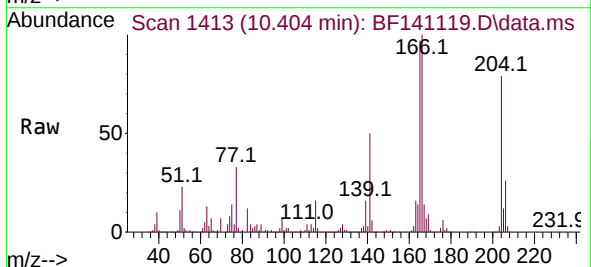
APPROVED

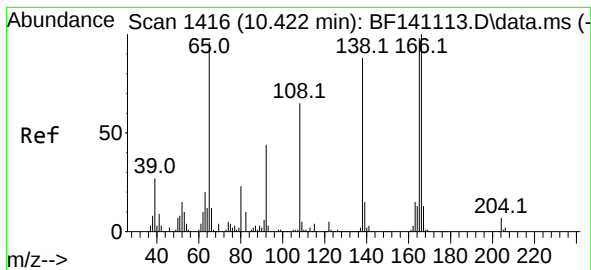
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#61
4-Chlorophenyl-phenylether
Concen: 69.400 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

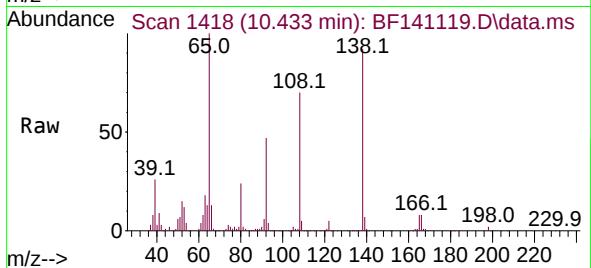
Tgt Ion:204 Resp: 739051
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 63.4 49.1 73.7





#62
4-Nitroaniline
Concen: 75.992 ng
RT: 10.433 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

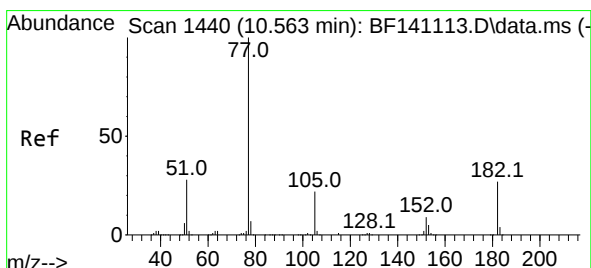
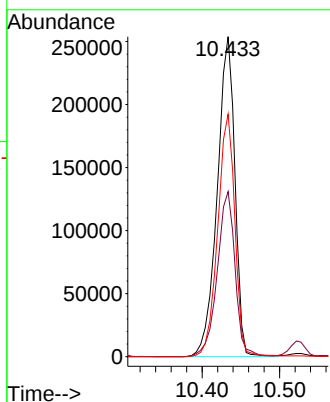
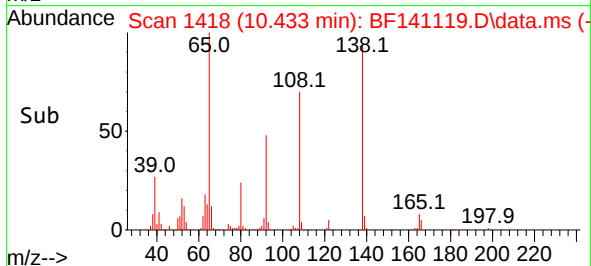
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 404091
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 75.8 53.7 93.7

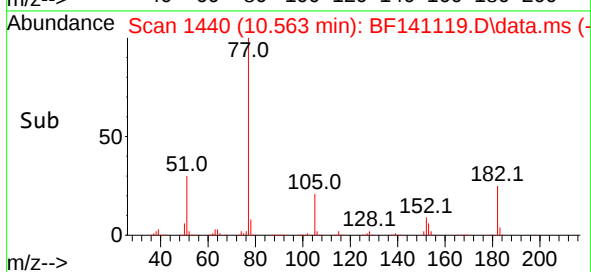
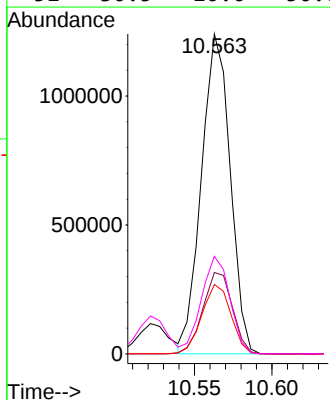
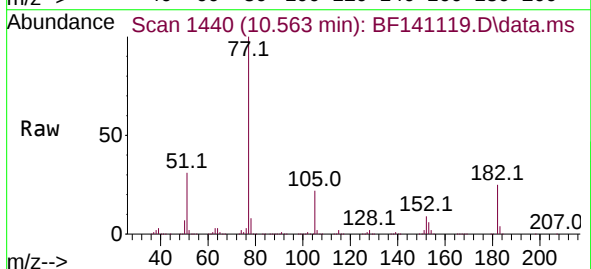
Manual Integrations
APPROVED

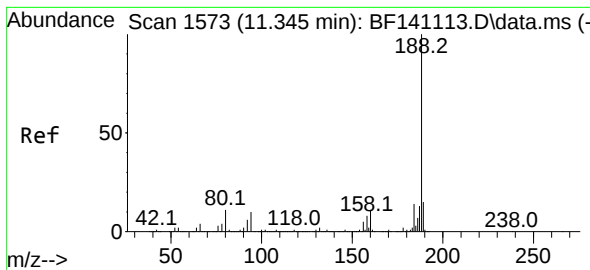
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#63
Azobenzene
Concen: 72.150 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion: 77 Resp: 1597886
Ion Ratio Lower Upper
77 100
182 25.4 6.1 46.1
105 21.7 2.1 42.1
51 30.5 10.0 50.0





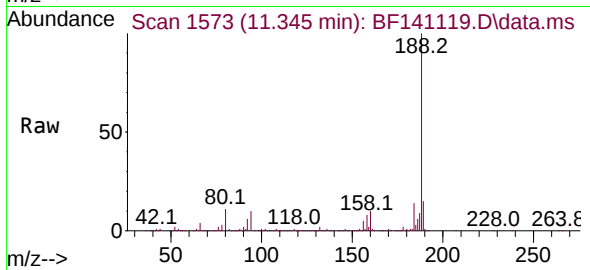
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



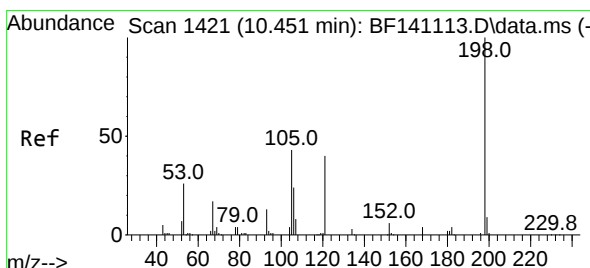
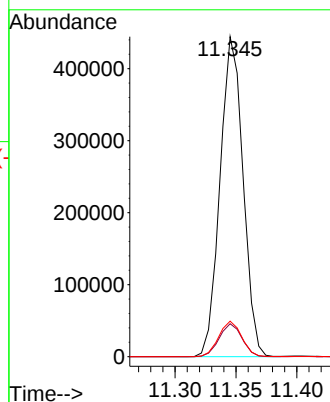
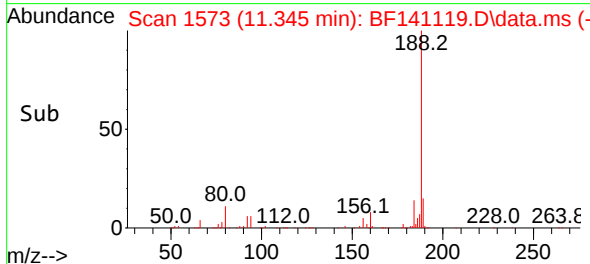
Tgt Ion:188 Resp: 58438
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.1 9.0 13.4

Manual Integrations

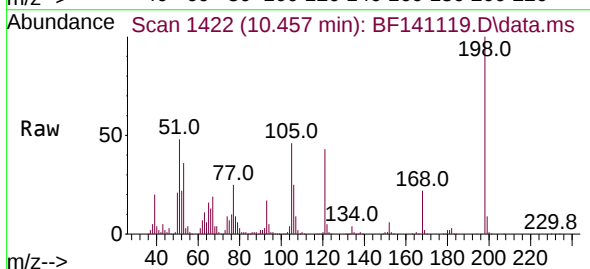
APPROVED

Reviewed By :Yogesh Patel 01/13/2025

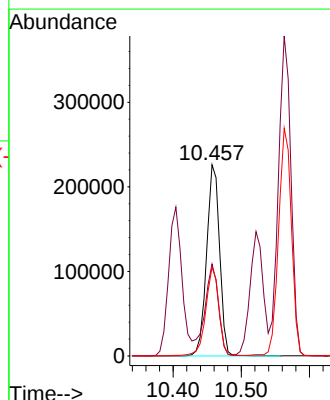
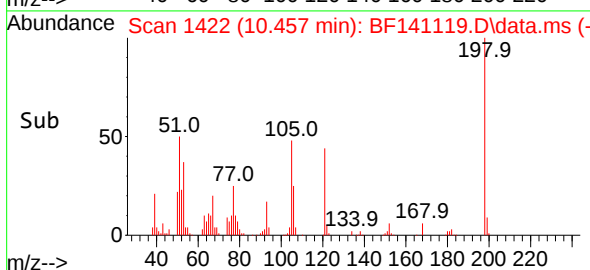
Supervised By :Jagrut Upadhyay 01/13/2025

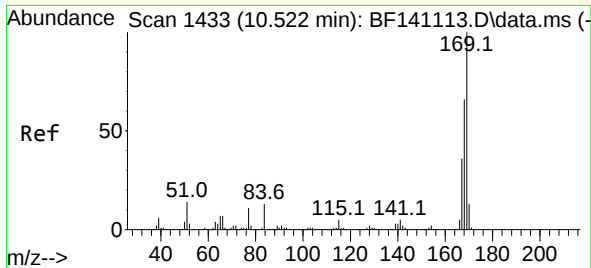


#65
4,6-Dinitro-2-methylphenol
Concen: 88.510 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



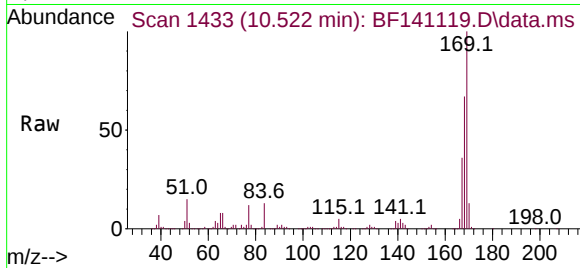
Tgt Ion:198 Resp: 299726
Ion Ratio Lower Upper
198 100
51 48.0 27.1 67.1
105 46.4 24.2 64.2





#66
n-Nitrosodiphenylamine
Concen: 71.129 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

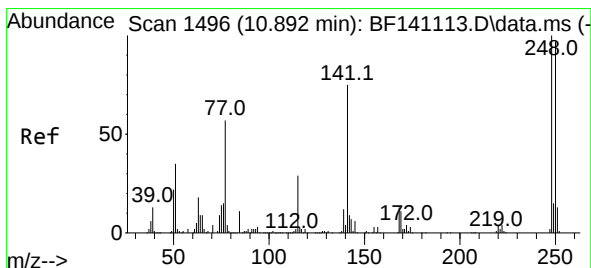
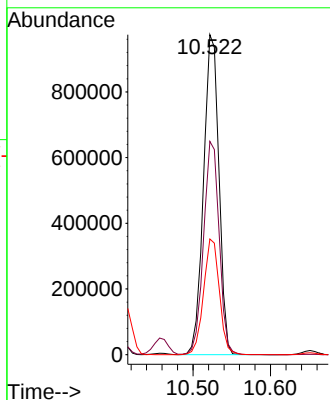
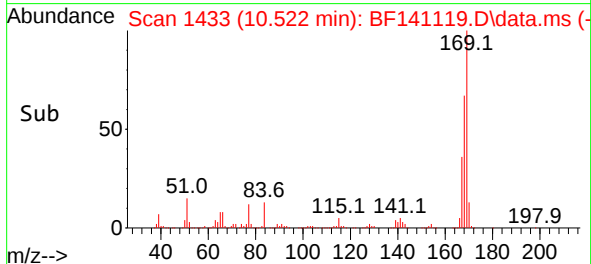
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



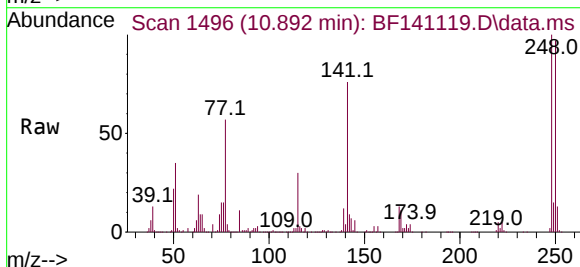
Tgt Ion:169 Resp: 1340718
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.1 28.9 43.3

Manual Integrations
APPROVED

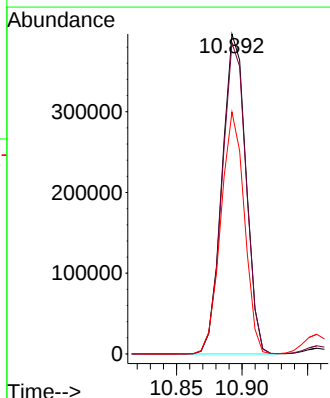
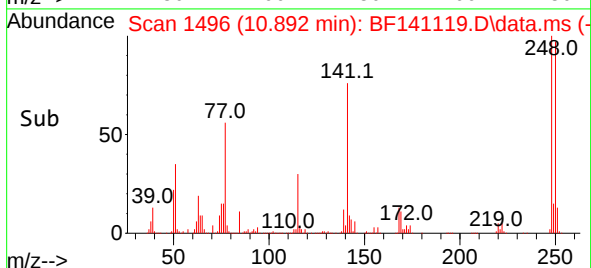
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

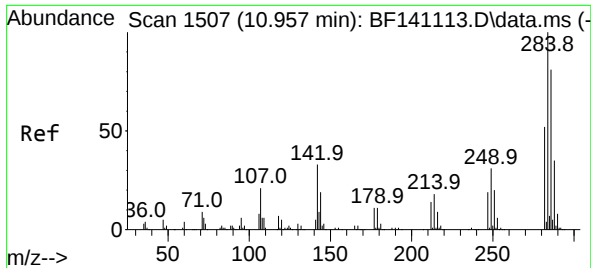


#67
4-Bromophenyl-phenylether
Concen: 74.715 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:248 Resp: 502690
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 75.6 59.9 89.9





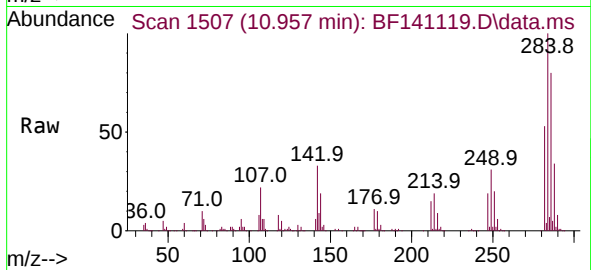
#68
Hexachlorobenzene
Concen: 74.464 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

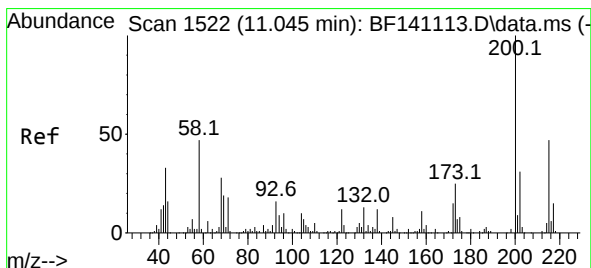
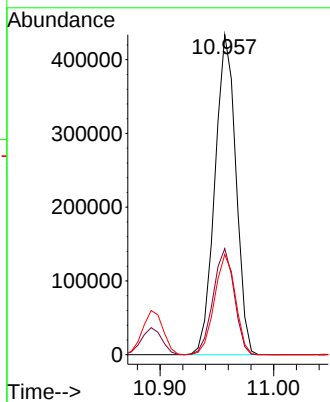
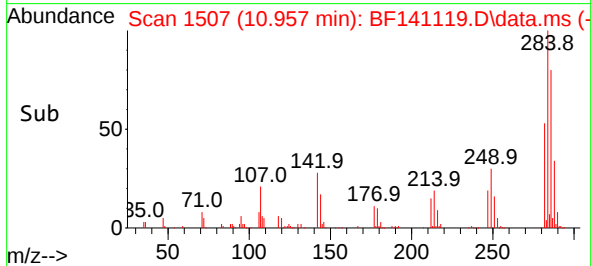


Tgt Ion:284 Resp: 557708
Ion Ratio Lower Upper
284 100
142 33.2 26.3 39.5
249 31.3 24.9 37.3

Manual Integrations

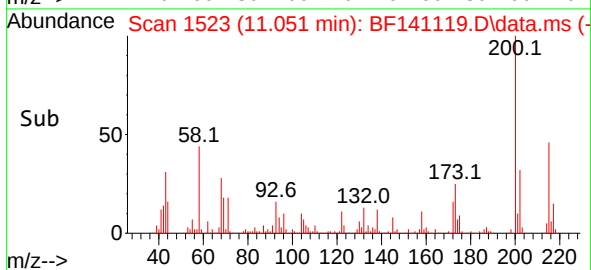
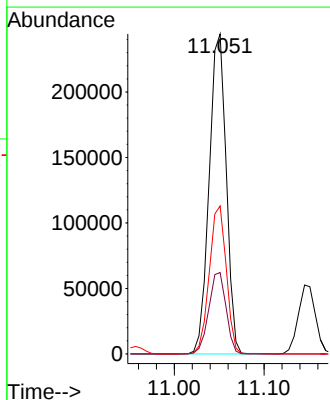
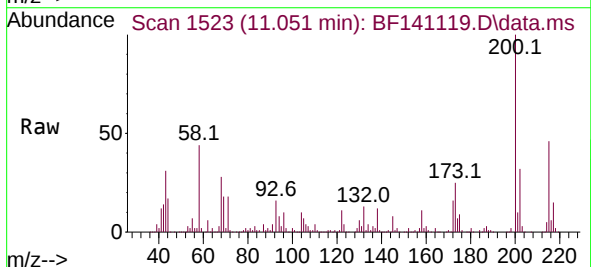
APPROVED

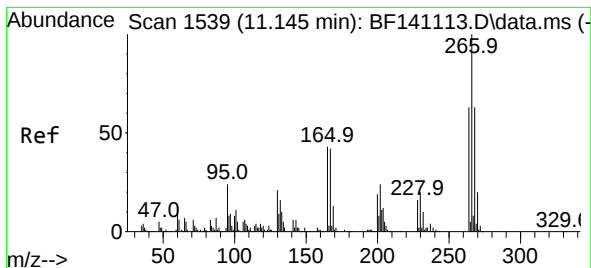
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#69
Atrazine
Concen: 63.598 ng
RT: 11.051 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

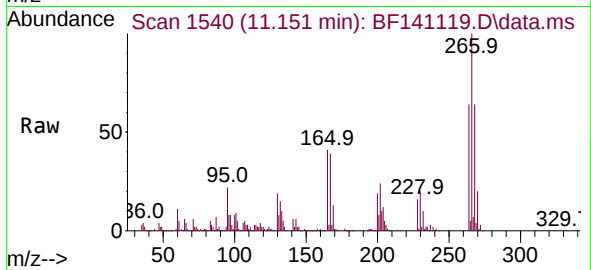
Tgt Ion:200 Resp: 322778
Ion Ratio Lower Upper
200 100
173 25.4 5.4 45.4
215 46.3 26.6 66.6





#70
Pentachlorophenol
Concen: 77.927 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

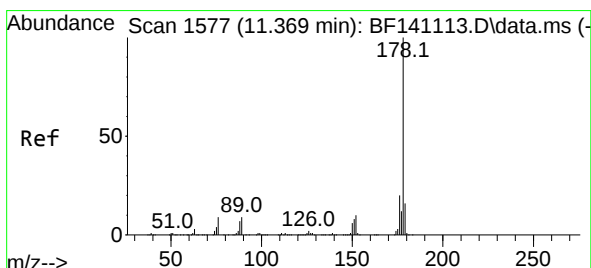
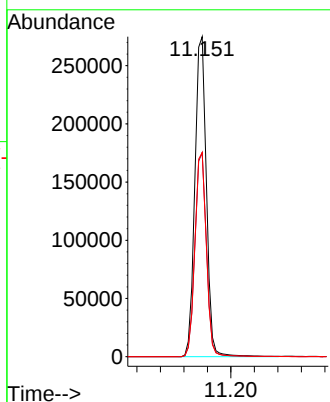
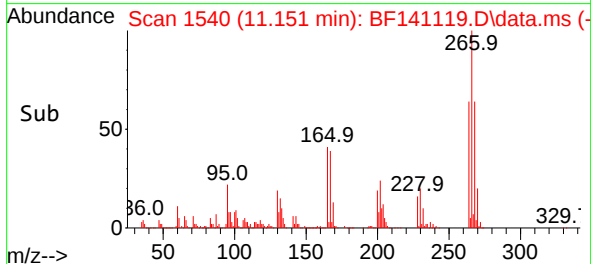
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:266 Resp: 373762
Ion Ratio Lower Upper
266 100
268 63.7 50.4 75.6
264 63.8 50.2 75.2

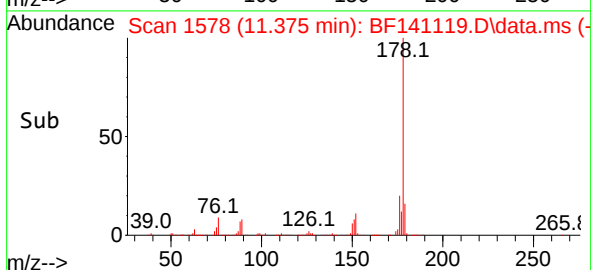
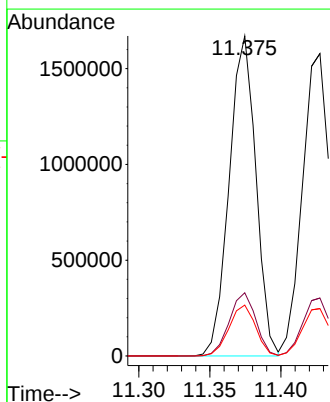
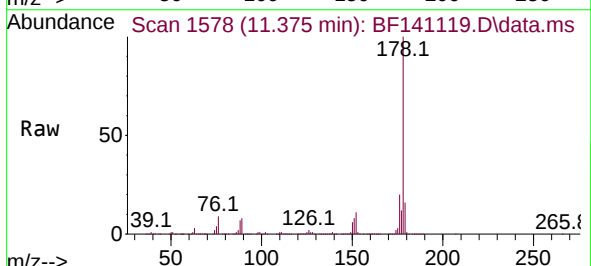
Manual Integrations
APPROVED

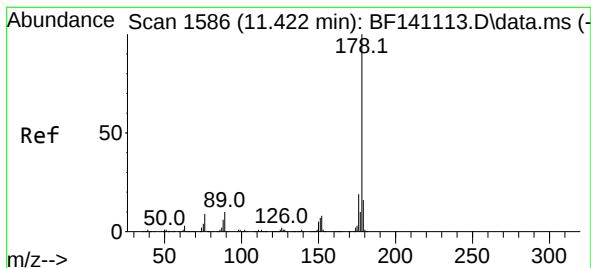
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#71
Phenanthrene
Concen: 69.691 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Tgt Ion:178 Resp: 2186474
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.9 12.6 19.0





#72

Anthracene

Concen: 69.565 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 212216

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

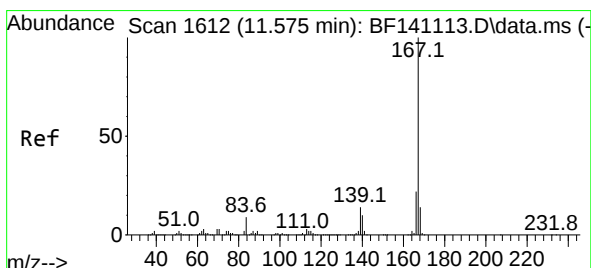
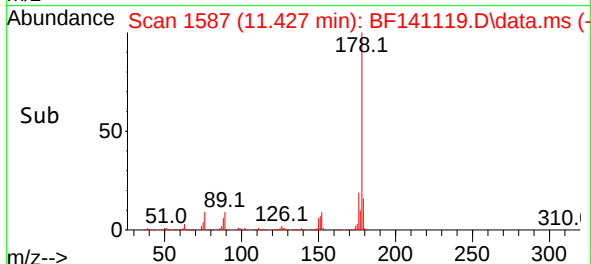
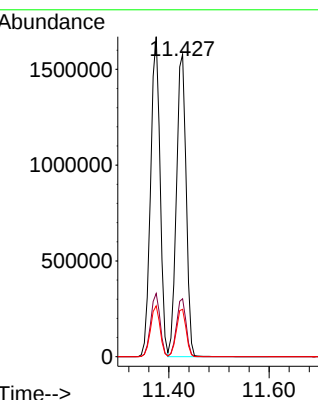
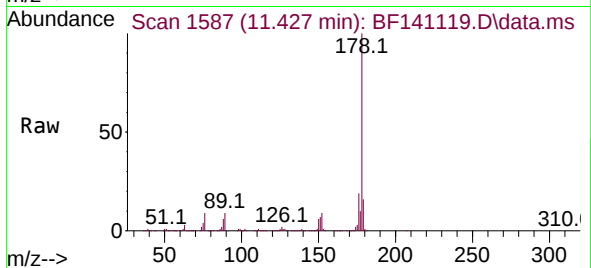
179 15.7 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#73

Carbazole

Concen: 69.597 ng

RT: 11.580 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

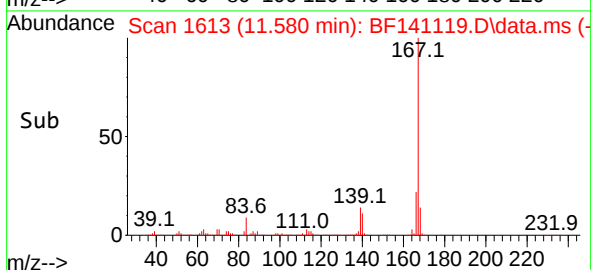
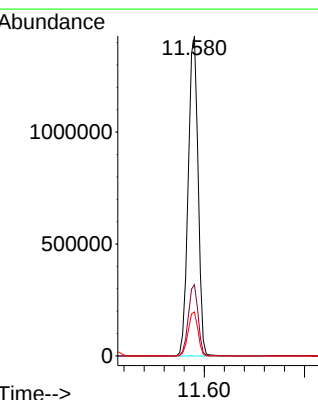
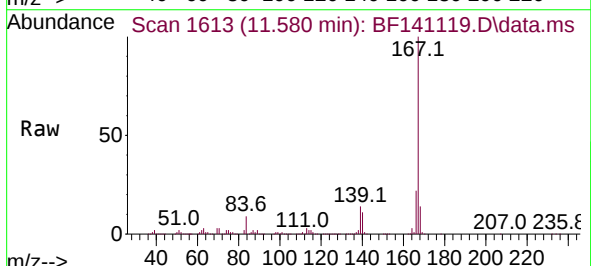
Tgt Ion:167 Resp: 1946776

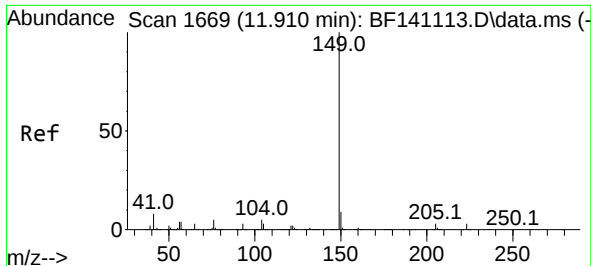
Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

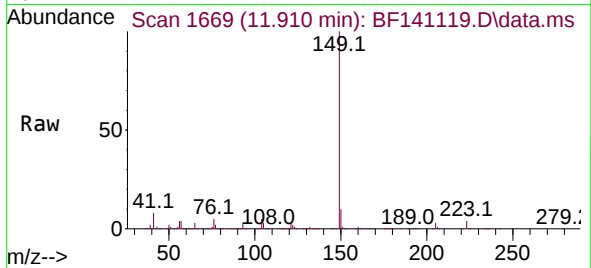
139 13.8 10.9 16.3





#74
Di-n-butylphthalate
Concen: 69.986 ng
RT: 11.910 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

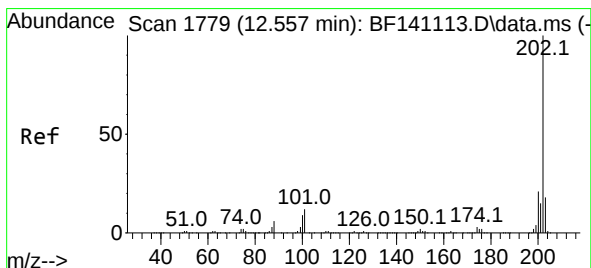
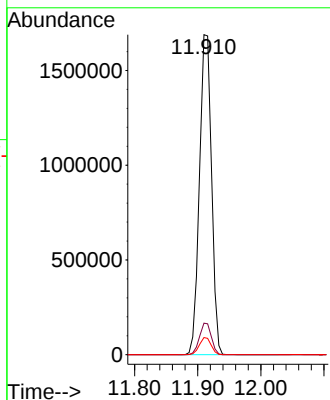
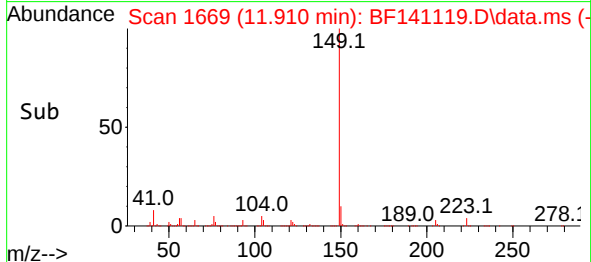
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



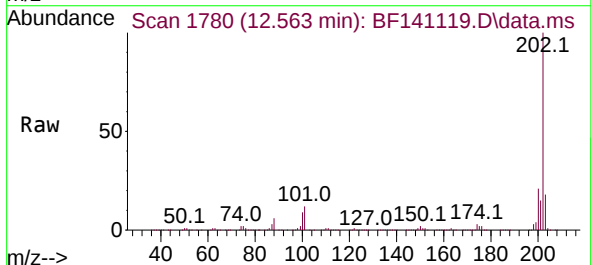
Tgt Ion:149 Resp: 2240409
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.2
104 5.4 4.2 6.2

Manual Integrations
APPROVED

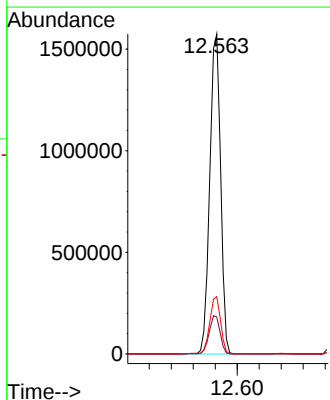
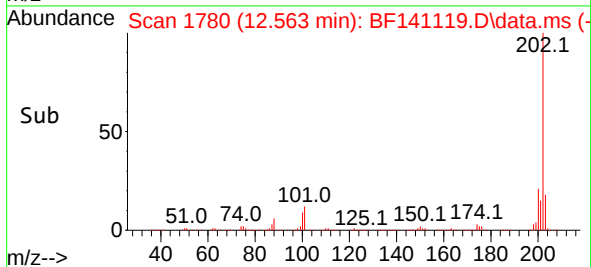
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

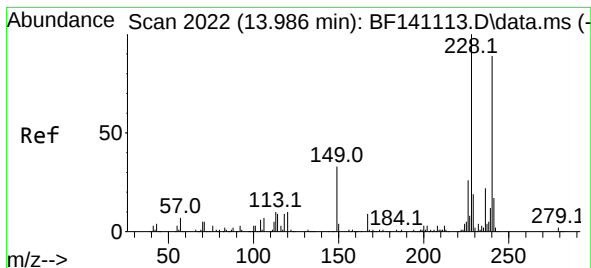


#75
Fluoranthene
Concen: 68.895 ng
RT: 12.563 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:202 Resp: 2156966
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.3
203 17.9 0.0 37.7





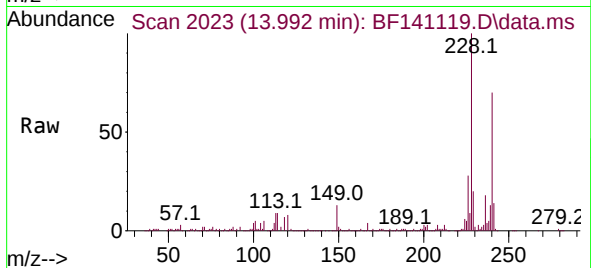
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

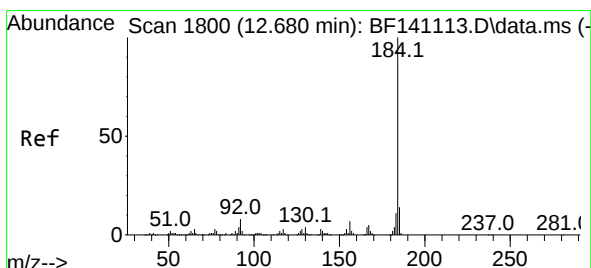
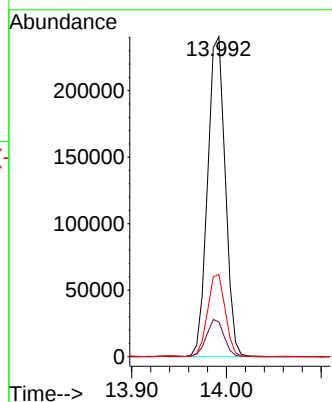
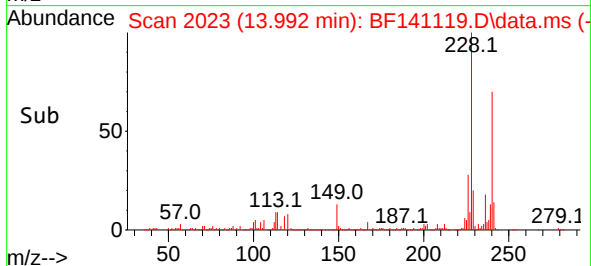


Tgt Ion:240 Resp: 310879
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.7 19.8 29.6

Manual Integrations

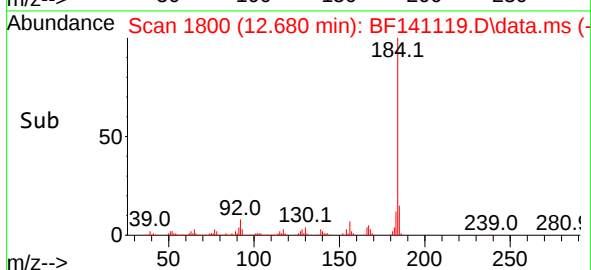
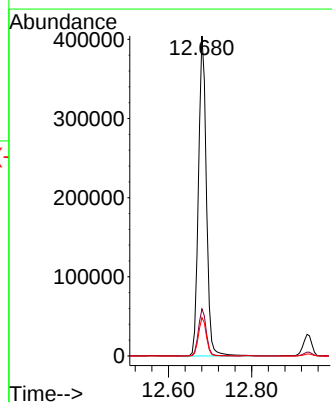
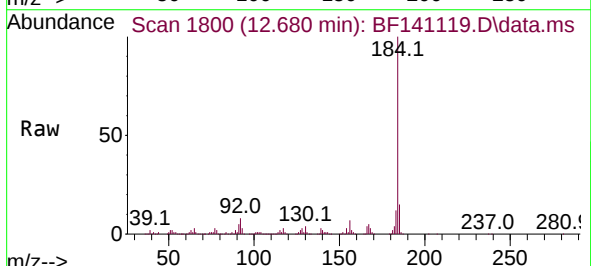
APPROVED

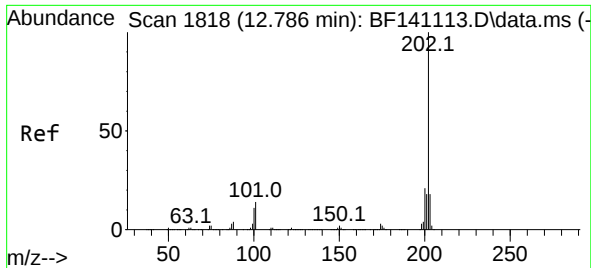
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#77
Benidine
Concen: 92.821 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

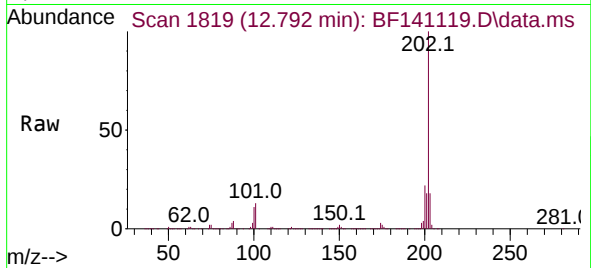
Tgt Ion:184 Resp: 535121
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 12.0 9.2 13.8





#78
Pyrene
Concen: 72.034 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

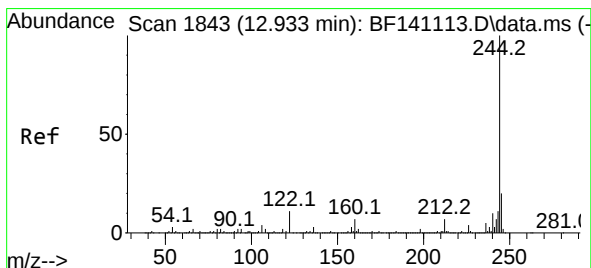
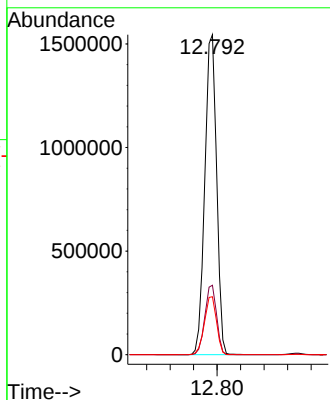
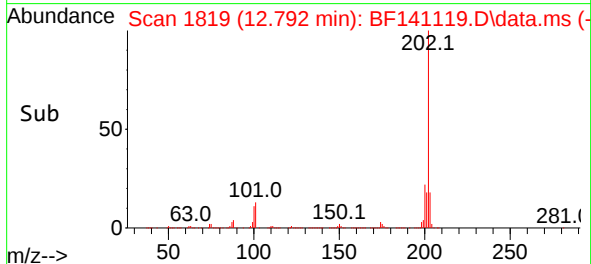
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



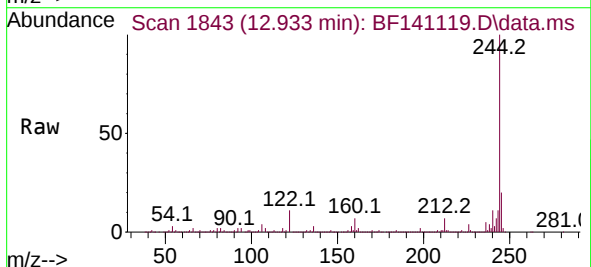
Tgt Ion:202 Resp: 2138910
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 18.1 14.3 21.5

Manual Integrations
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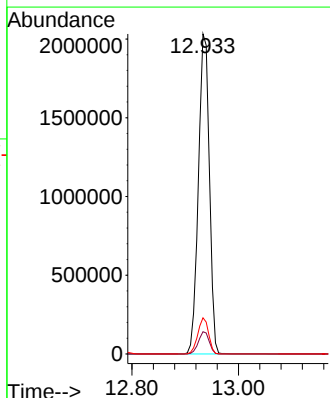
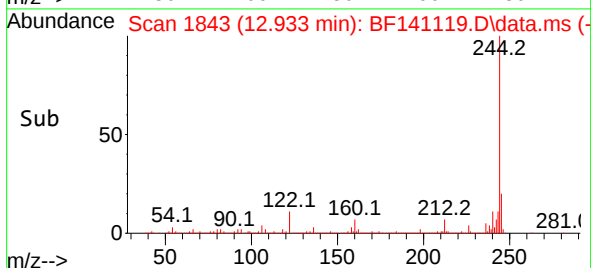
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

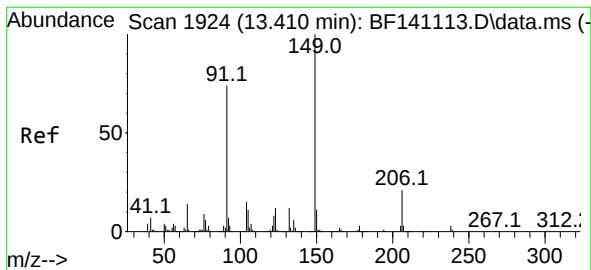


#79
Terphenyl-d14
Concen: 138.433 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:244 Resp: 2895506
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.3 8.8 13.2





#80
Butylbenzylphthalate
Concen: 78.297 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

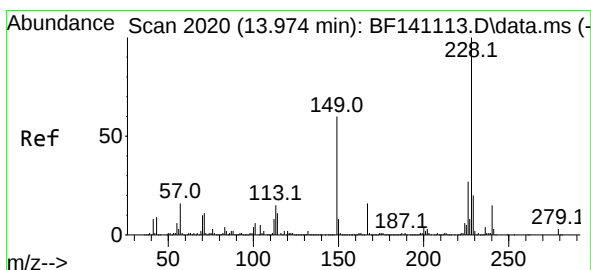
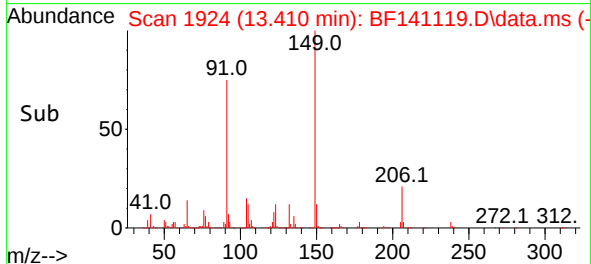
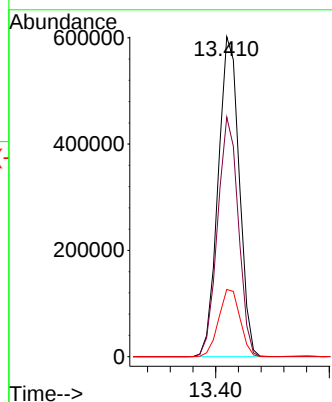
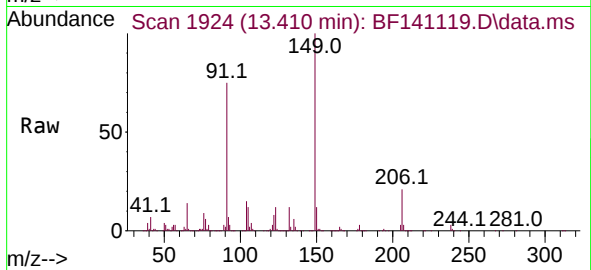
SSTDICC080

Tgt Ion:149 Resp: 77512
Ion Ratio Lower Upper
149 100
91 74.9 59.0 88.6
206 21.0 16.5 24.7

Manual Integrations

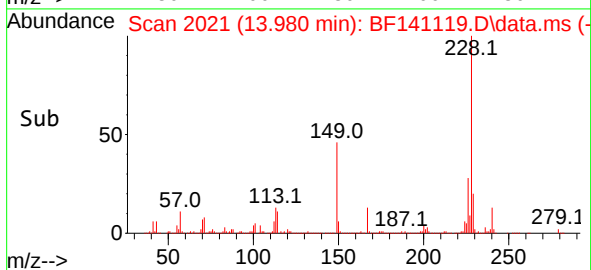
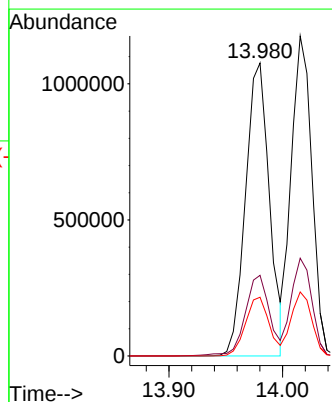
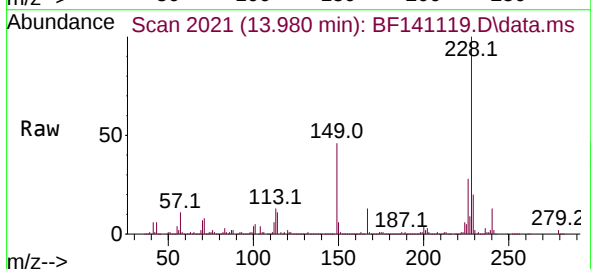
APPROVED

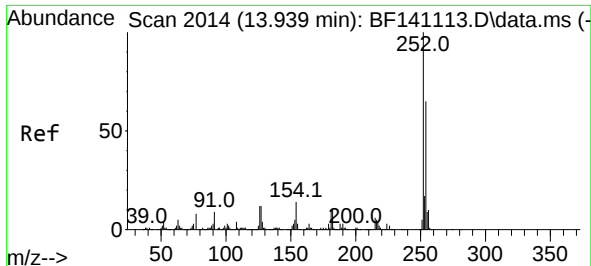
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#81
Benzo(a)anthracene
Concen: 74.414 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

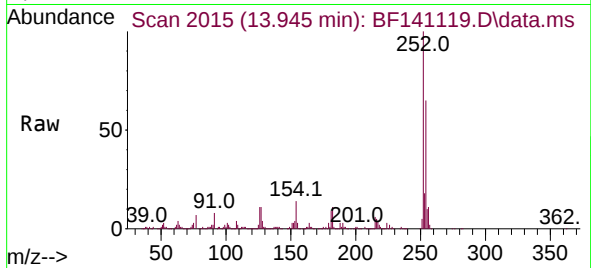
Tgt Ion:228 Resp: 1574387
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.7 23.5





#82
 3,3'-Dichlorobenzidine
 Concen: 82.781 ng
 RT: 13.945 min Scan# 2014
 Delta R.T. 0.006 min
 Lab File: BF141119.D
 Acq: 10 Jan 2025 17:45

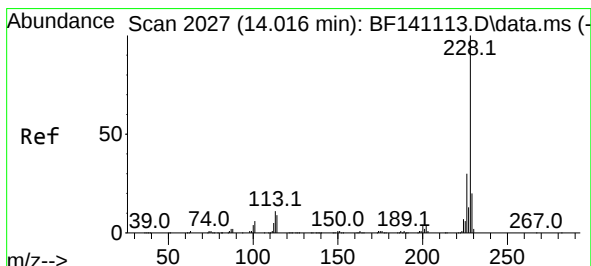
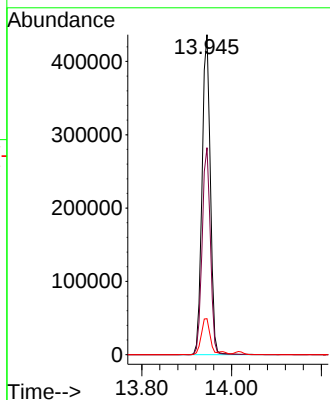
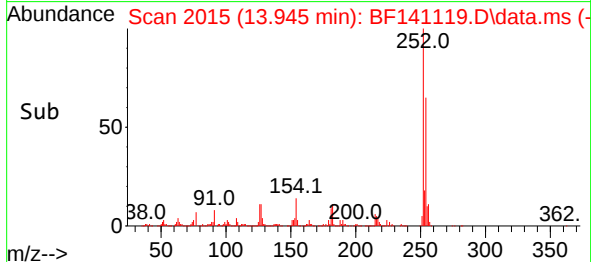
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



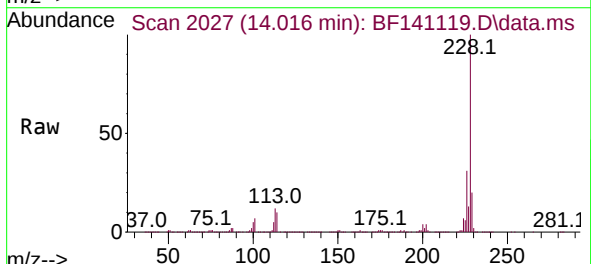
Tgt Ion:252 Resp: 55768
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 11.3 9.4 14.0

Manual Integrations
 APPROVED

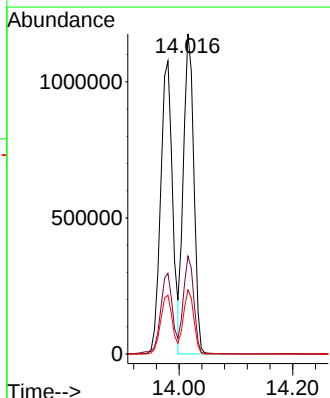
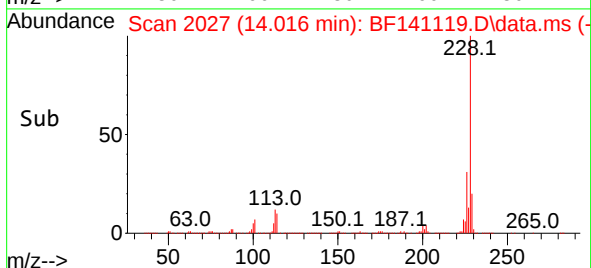
Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Jagrut Upadhyay 01/13/2025

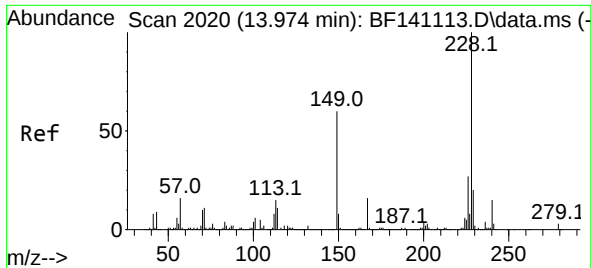


#83
 Chrysene
 Concen: 75.370 ng
 RT: 14.016 min Scan# 2027
 Delta R.T. -0.000 min
 Lab File: BF141119.D
 Acq: 10 Jan 2025 17:45



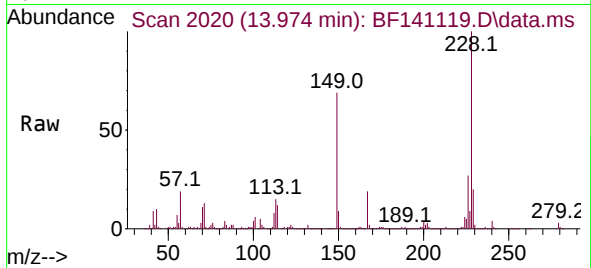
Tgt Ion:228 Resp: 1492065
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.8 35.8
 229 20.0 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 74.589 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

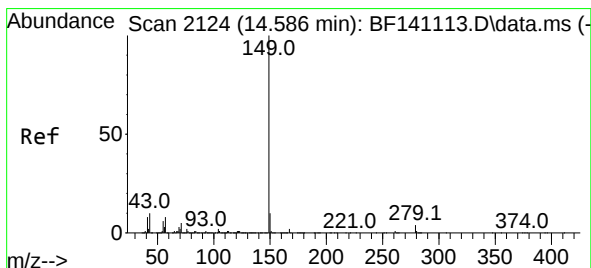
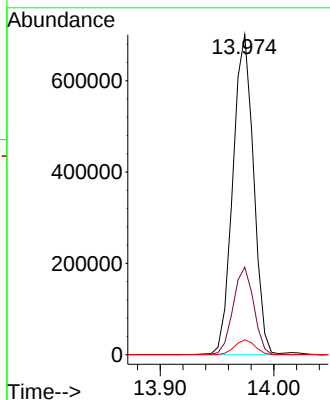
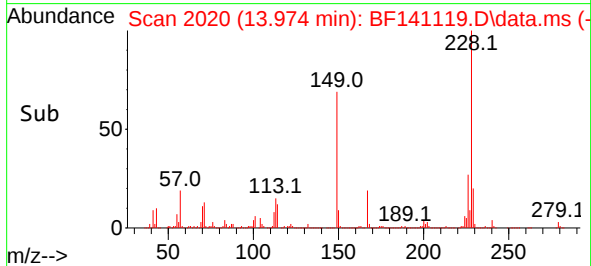
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



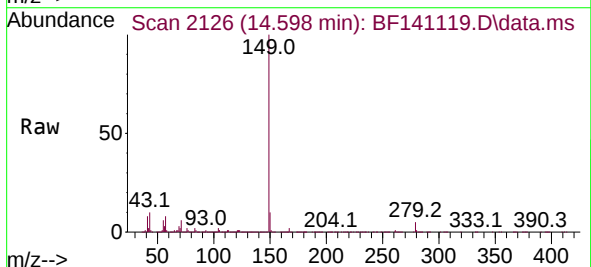
Tgt Ion:149 Resp: 885991
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.7 3.4 5.2

Manual Integrations
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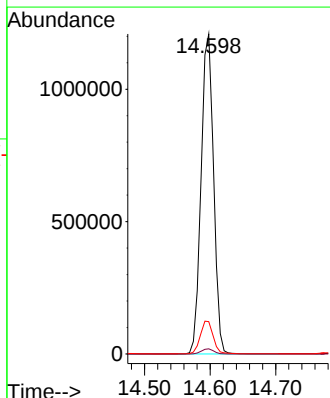
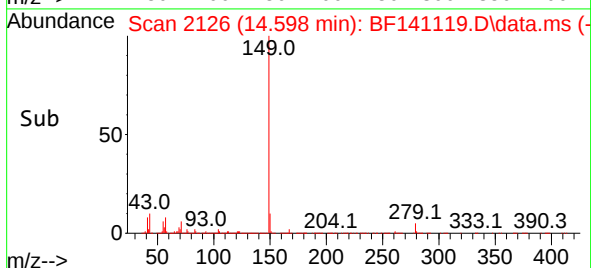
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

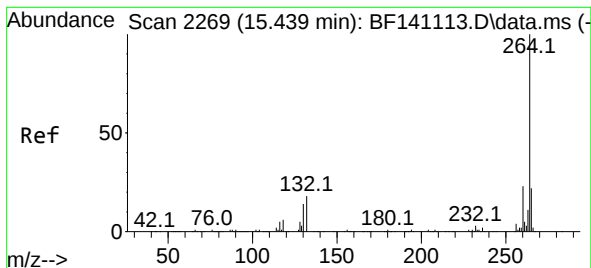


#85
Di-n-octyl phthalate
Concen: 89.471 ng
RT: 14.598 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45



Tgt Ion:149 Resp: 1604851
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 395988

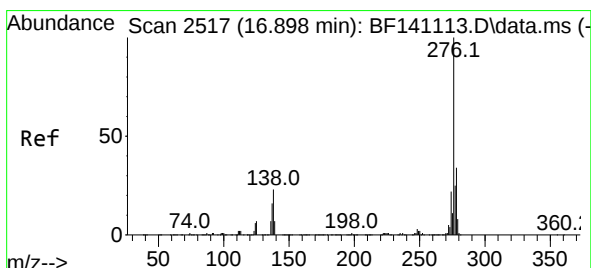
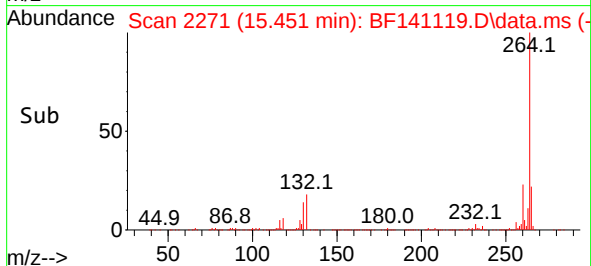
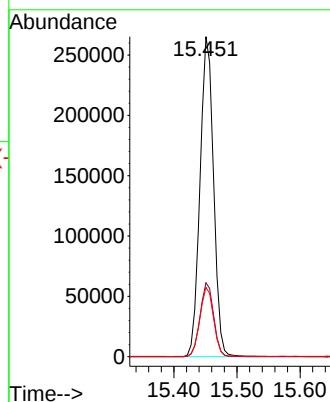
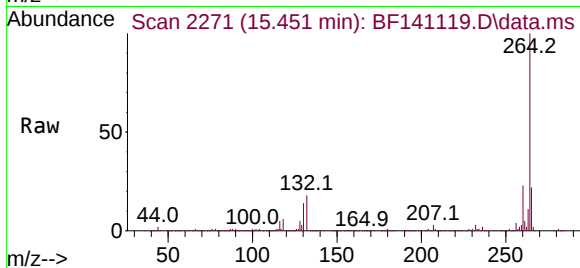
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.7	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/13/2025

Supervised By :Jagrut Upadhyay 01/13/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 75.032 ng

RT: 16.921 min Scan# 2521

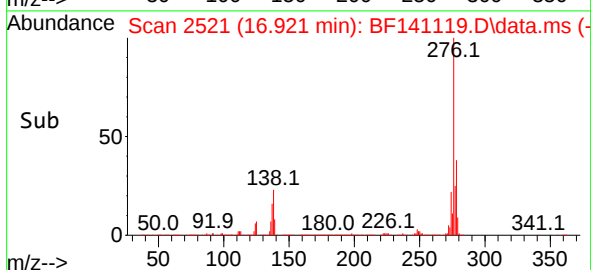
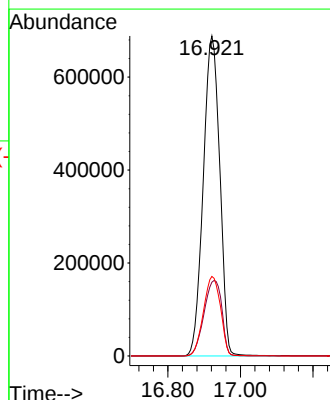
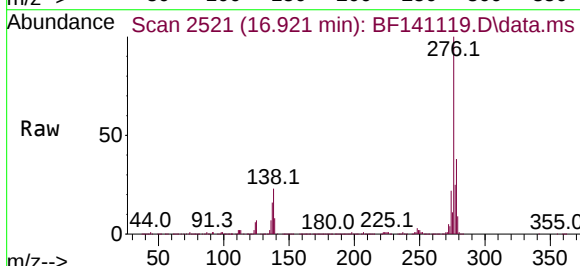
Delta R.T. 0.023 min

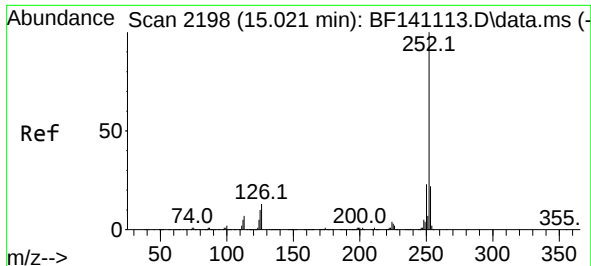
Lab File: BF141119.D

Acq: 10 Jan 2025 17:45

Tgt Ion:276 Resp: 2176761

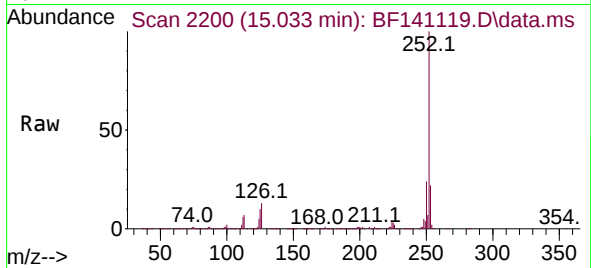
Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.7	31.1
277	25.7	20.6	30.8





#88
Benzo(b)fluoranthene
Concen: 71.685 ng
RT: 15.033 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

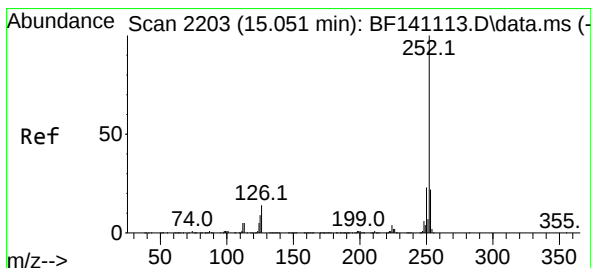
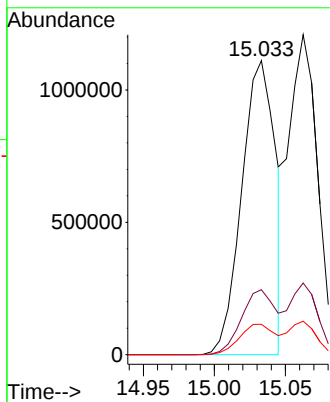
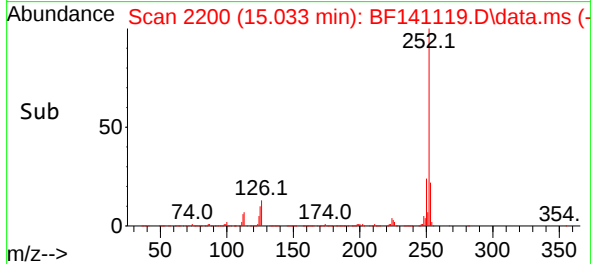
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1830448
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.3 8.1 12.1

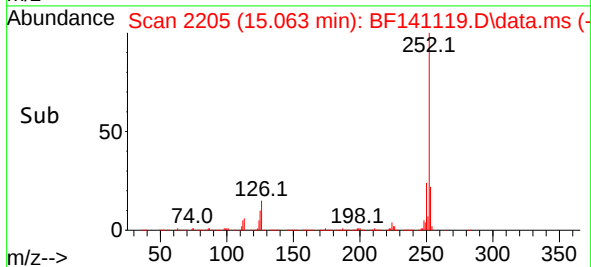
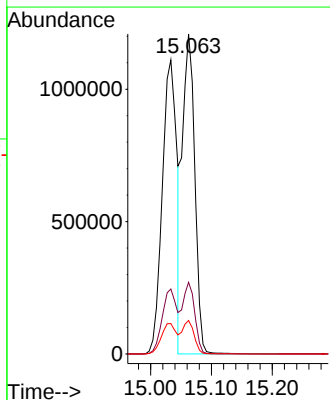
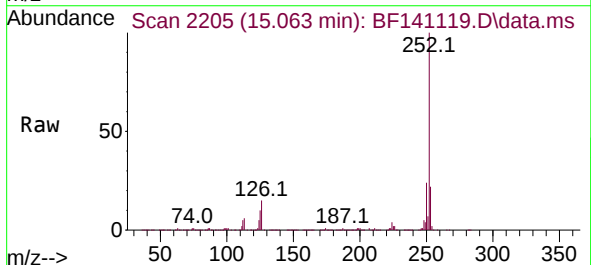
Manual Integrations
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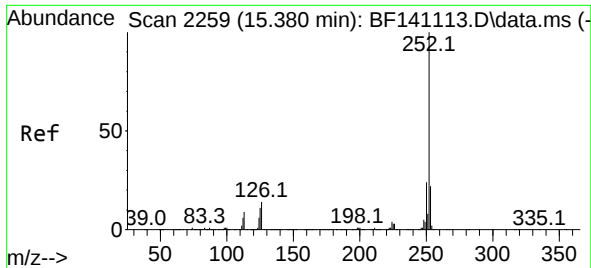
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#89
Benzo(k)fluoranthene
Concen: 78.843 ng
RT: 15.063 min Scan# 2205
Delta R.T. 0.012 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

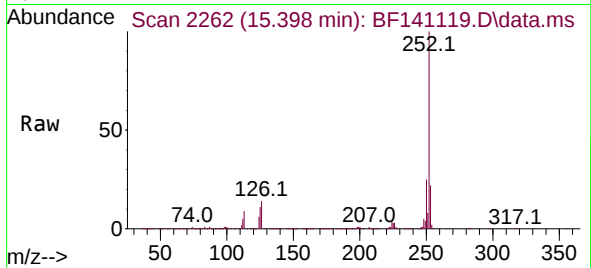
Tgt Ion:252 Resp: 1701343
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.5 7.9 11.9





#90
Benzo(a)pyrene
Concen: 75.707 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

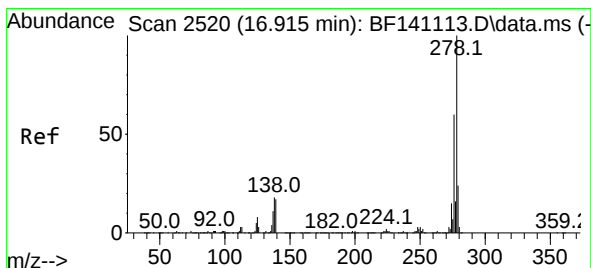
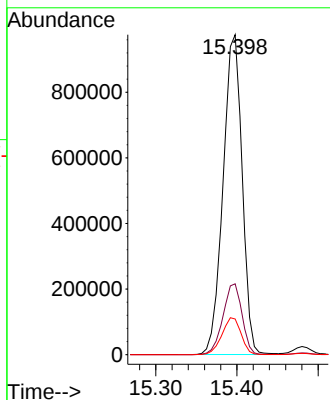
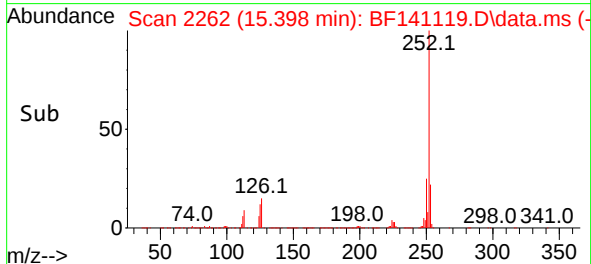
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 1594959
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 9.1 13.7

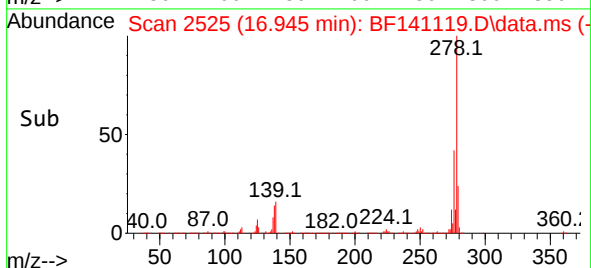
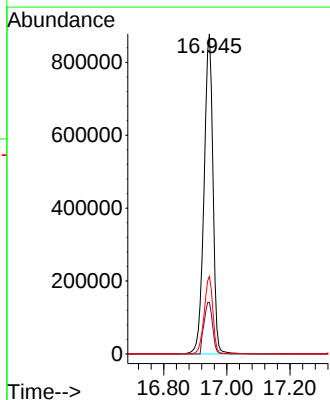
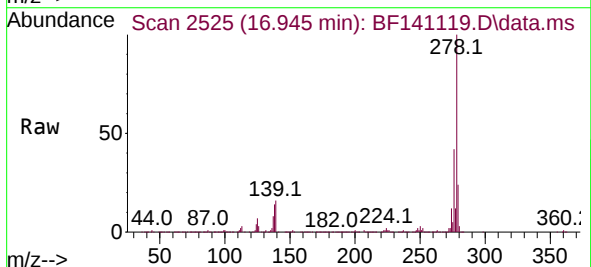
Manual Integrations
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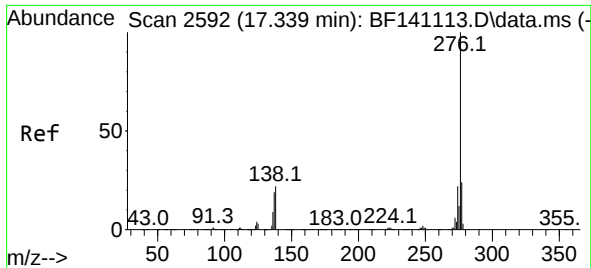
Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025



#91
Dibenzo(a,h)anthracene
Concen: 73.436 ng
RT: 16.945 min Scan# 2525
Delta R.T. 0.029 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

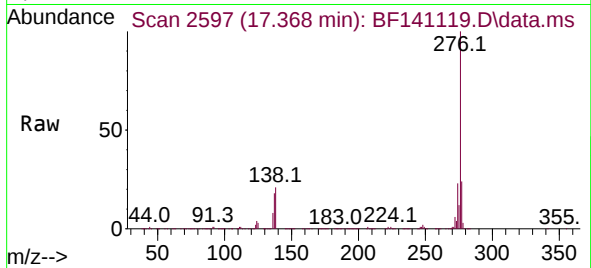
Tgt Ion:278 Resp: 1723136
Ion Ratio Lower Upper
278 100
139 16.1 13.8 20.6
279 24.2 19.1 28.7





#92
Benzo(g,h,i)perylene
Concen: 68.190 ng
RT: 17.368 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF141119.D
Acq: 10 Jan 2025 17:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 1664293
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 20.8 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

