

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141707.D
 Acq On : 20 Feb 2025 17:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025

Quant Time: Feb 20 17:37:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87869	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	346295	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	185494	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	301785	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	183935	20.000	ng	-0.02
86) Perylene-d12	15.380	264	180639	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	471409	84.108	ng	-0.01
7) Phenol-d6	6.422	99	575085	81.181	ng	-0.02
23) Nitrobenzene-d5	7.345	82	527762	79.490	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	147468	79.140	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	985125	81.821	ng	-0.01
79) Terphenyl-d14	12.880	244	906822	83.229	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	93278	41.350	ng	98
3) Pyridine	3.199	79	232077	43.234	ng	95
4) n-Nitrosodimethylamine	3.157	42	134182	37.751	ng	92
6) Aniline	6.446	93	262064	39.437	ng	95
8) 2-Chlorophenol	6.569	128	249942	41.270	ng	98
9) Benzaldehyde	6.334	77	148908	39.556	ng	100
10) Phenol	6.440	94	302192	40.986	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	227648	41.107	ng	98
12) 1,3-Dichlorobenzene	6.722	146	266673	41.709	ng	98
13) 1,4-Dichlorobenzene	6.798	146	273983	41.942	ng	98
14) 1,2-Dichlorobenzene	6.951	146	256300	42.273	ng	99
15) Benzyl Alcohol	6.928	79	213133	39.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	361962	38.182	ng	79
17) 2-Methylphenol	7.045	107	191673	40.443	ng	99
18) Hexachloroethane	7.293	117	100107	41.408	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	170070	40.136	ng	95
20) 3+4-Methylphenols	7.198	107	246595	40.942	ng	95
22) Acetophenone	7.193	105	347556	40.347	ng	95
24) Nitrobenzene	7.369	77	256961	39.690	ng	97
25) Isophorone	7.604	82	426628	40.300	ng	98
26) 2-Nitrophenol	7.681	139	135698	42.129	ng	94
27) 2,4-Dimethylphenol	7.722	122	156138	41.495	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	279268	41.169	ng	99
29) 2,4-Dichlorophenol	7.928	162	208070	40.925	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	229310	41.418	ng	98
31) Naphthalene	8.087	128	722374	40.074	ng	100
32) Benzoic acid	7.857	122	133290	34.103	ng	96
33) 4-Chloroaniline	8.140	127	253295	40.247	ng	98
34) Hexachlorobutadiene	8.198	225	136759	41.146	ng	99
35) Caprolactam	8.504	113	62600m	40.440	ng	
36) 4-Chloro-3-methylphenol	8.628	107	223621	39.707	ng	98
37) 2-Methylnaphthalene	8.775	142	468555	39.945	ng	100
38) 1-Methylnaphthalene	8.875	142	452107	39.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	222151	41.395	ng	99
41) Hexachlorocyclopentadiene	8.928	237	92852	52.019	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	141705	40.855	ng	99

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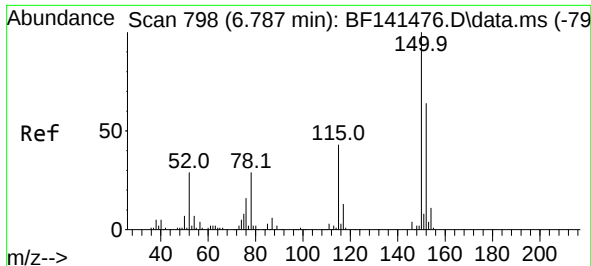
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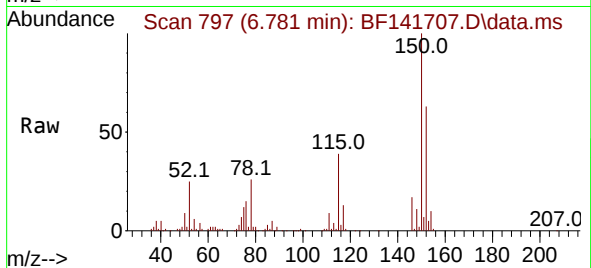
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	152182	40.484	ng	98
46) 1,1'-Biphenyl	9.239	154	589083	40.963	ng	100
47) 2-Chloronaphthalene	9.263	162	436372	41.034	ng	99
48) 2-Nitroaniline	9.363	65	140428	39.348	ng	98
49) Acenaphthylene	9.675	152	636570	40.245	ng	99
50) Dimethylphthalate	9.539	163	517733	41.114	ng	99
51) 2,6-Dinitrotoluene	9.604	165	113320	41.165	ng	99
52) Acenaphthene	9.851	154	418833	39.387	ng	99
53) 3-Nitroaniline	9.775	138	113925	38.451	ng	99
54) 2,4-Dinitrophenol	9.892	184	64268	39.281	ng	87
55) Dibenzofuran	10.022	168	619287	39.676	ng	99
56) 4-Nitrophenol	9.951	139	128362	58.361	ng	91
57) 2,4-Dinitrotoluene	10.010	165	148187	40.436	ng	100
58) Fluorene	10.363	166	479194	39.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	130431	40.303	ng	95
60) Diethylphthalate	10.239	149	498264	40.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	234915	40.461	ng	98
62) 4-Nitroaniline	10.392	138	110495	36.727	ng	94
63) Azobenzene	10.516	77	474593	38.532	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	82013	39.122	ng	92
66) n-Nitrosodiphenylamine	10.475	169	412415	42.691	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	141384	41.918	ng	99
68) Hexachlorobenzene	10.910	284	146904	42.297	ng	100
69) Atrazine	11.004	200	105755	36.491	ng	98
70) Pentachlorophenol	11.110	266	87169	39.252	ng	99
71) Phenanthrene	11.328	178	665850	40.083	ng	99
72) Anthracene	11.375	178	672708	40.284	ng	100
73) Carbazole	11.533	167	588101	39.140	ng	100
74) Di-n-butylphthalate	11.863	149	705215	40.647	ng	100
75) Fluoranthene	12.510	202	661652	37.569	ng	99
77) Benzidine	12.639	184	182580	45.009	ng	100
78) Pyrene	12.739	202	653830	41.757	ng	100
80) Butylbenzylphthalate	13.357	149	229665	42.347	ng	99
81) Benzo(a)anthracene	13.927	228	481502	39.381	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	146078	41.708	ng	99
83) Chrysene	13.963	228	466703	41.339	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	292300	47.787	ng	99
85) Di-n-octyl phthalate	14.527	149	457690	52.451	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	488391	43.757	ng	99
88) Benzo(b)fluoranthene	14.963	252	494368	40.759	ng	99
89) Benzo(k)fluoranthene	14.992	252	371796	35.898	ng	98
90) Benzo(a)pyrene	15.321	252	392343	39.976	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	396017	43.788	ng	99
92) Benzo(g,h,i)perylene	17.245	276	417878	44.154	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

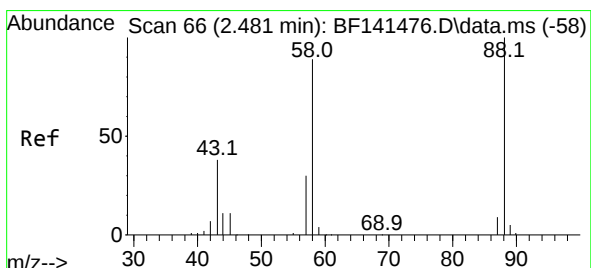
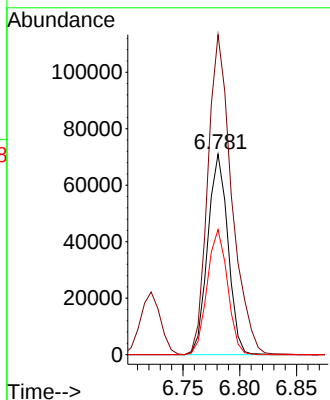
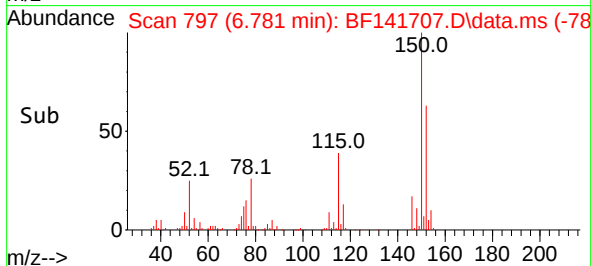
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 87869
Ion Ratio Lower Upper
152 100
150 159.6 125.0 187.4
115 62.4 53.6 80.4

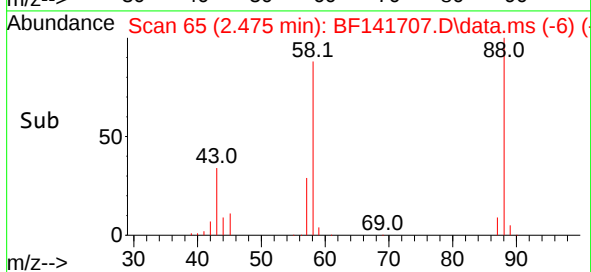
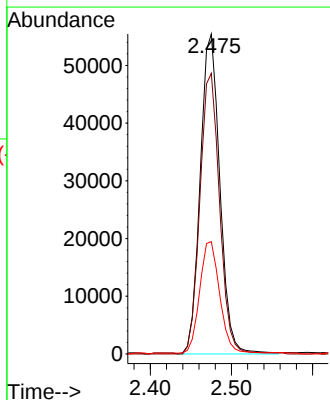
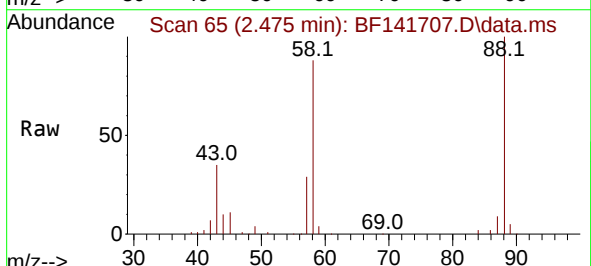
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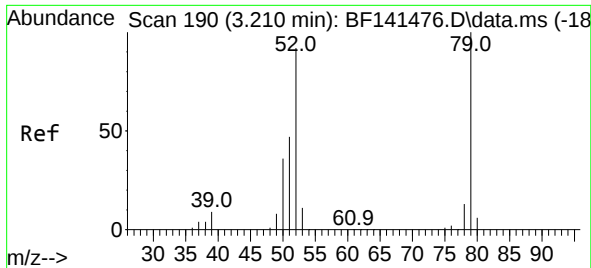
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#2
1,4-Dioxane
Concen: 41.350 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 88 Resp: 93278
Ion Ratio Lower Upper
88 100
58 87.7 71.1 106.7
43 35.2 30.6 46.0





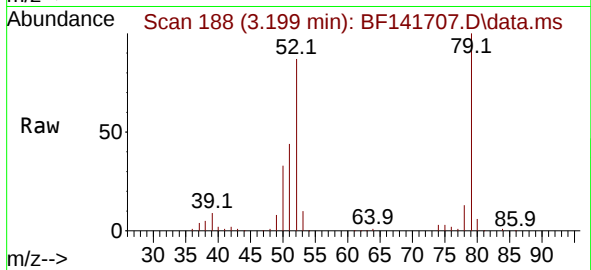
#3
Pyridine
Concen: 43.234 ng
RT: 3.199 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

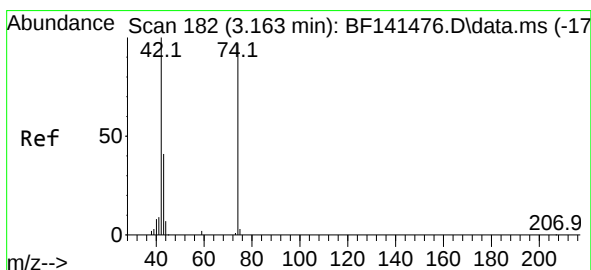
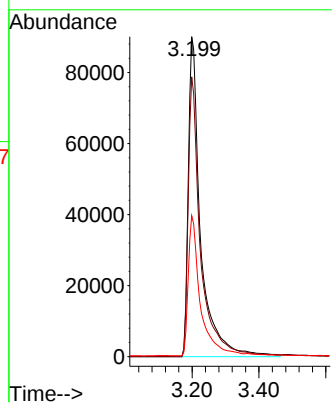
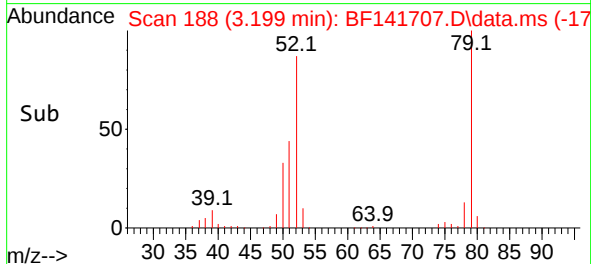


Tgt Ion: 79 Resp: 23207
Ion Ratio Lower Upper
79 100
52 87.4 73.7 110.5
51 44.0 37.5 56.3

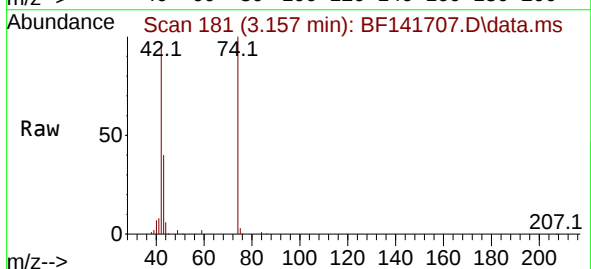
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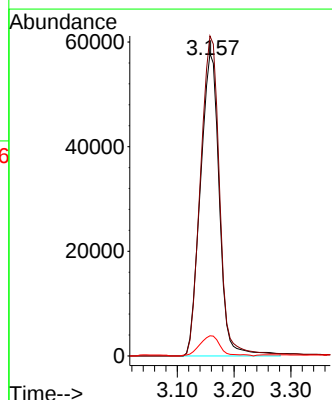
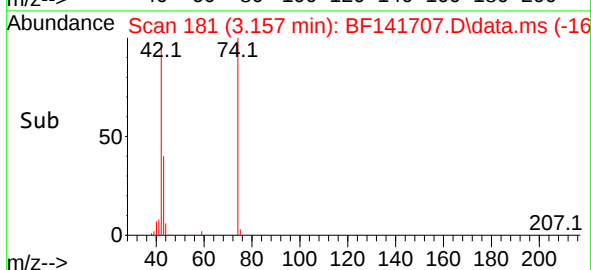
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#4
n-Nitrosodimethylamine
Concen: 37.751 ng
RT: 3.157 min Scan# 181
Delta R.T. -0.029 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion: 42 Resp: 134182
Ion Ratio Lower Upper
42 100
74 105.8 78.0 117.0
44 6.7 5.4 8.2





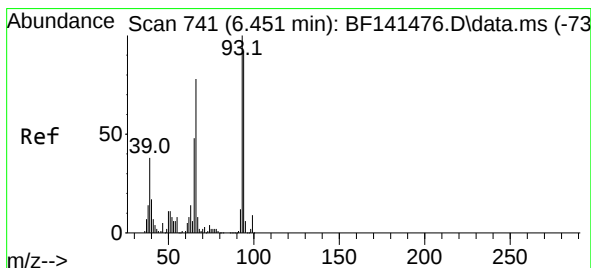
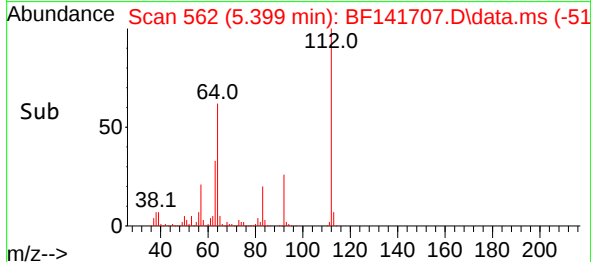
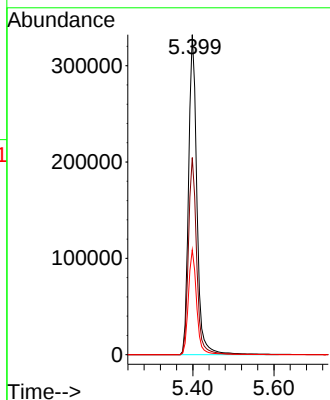
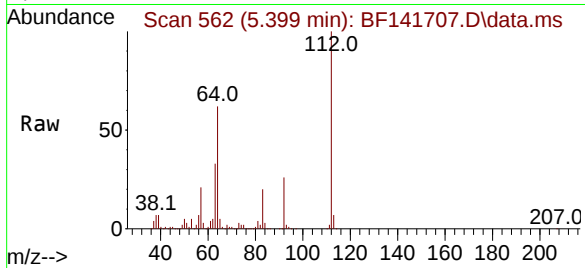
#5
2-Fluorophenol
Concen: 84.108 ng
RT: 5.399 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 471409
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 32.7 28.4 42.6

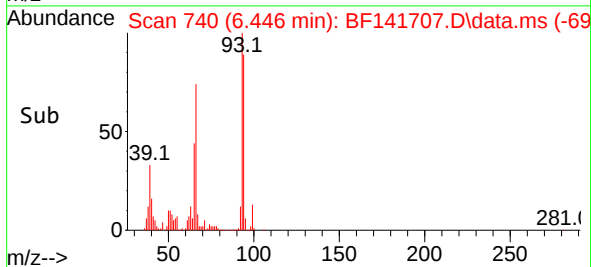
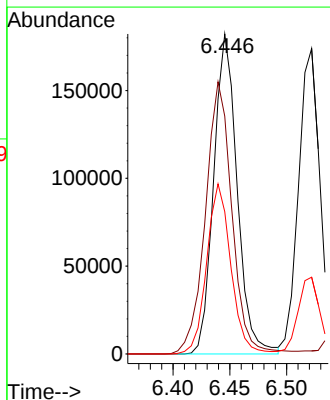
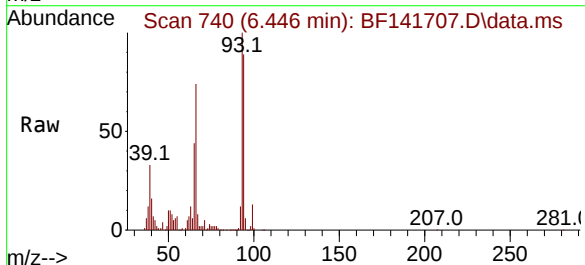
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#6
Aniline
Concen: 39.437 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 93 Resp: 262064
Ion Ratio Lower Upper
93 100
66 74.3 62.6 94.0
65 44.4 38.3 57.5





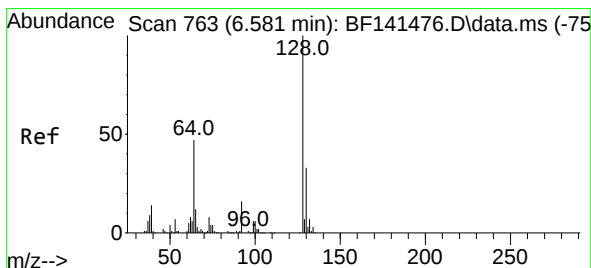
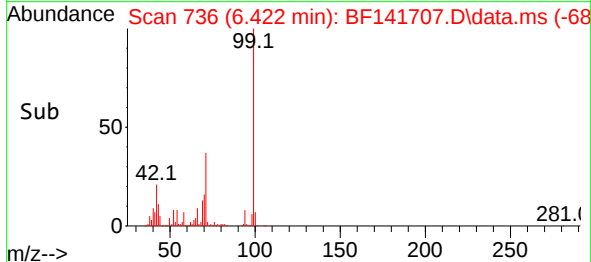
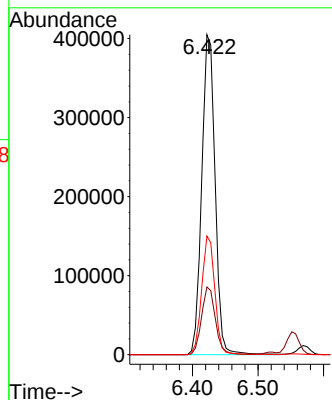
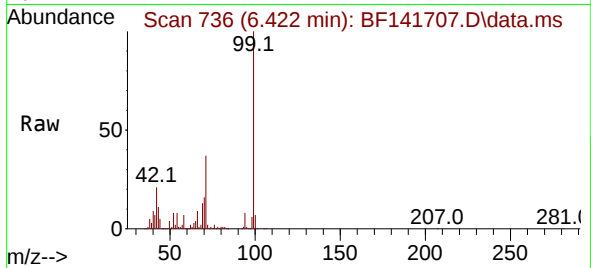
#7
Phenol-d6
Concen: 81.181 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 57508
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 37.0 31.1 46.7

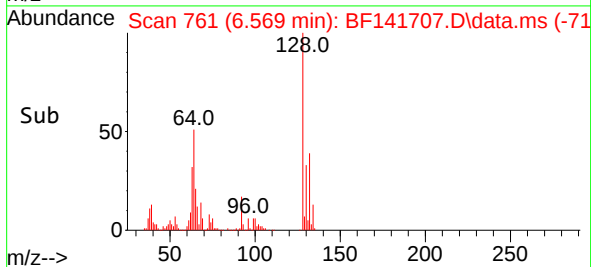
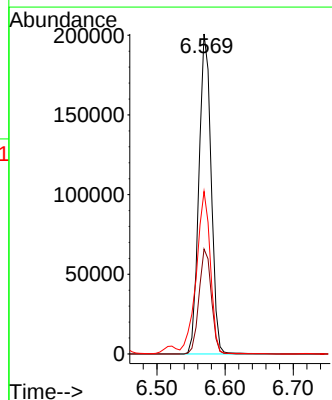
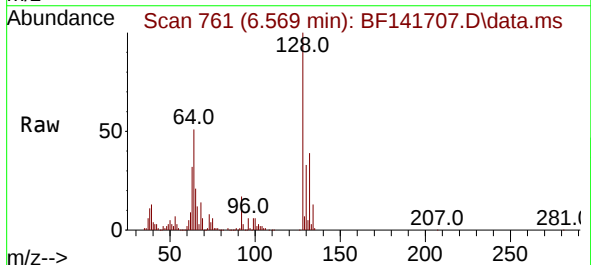
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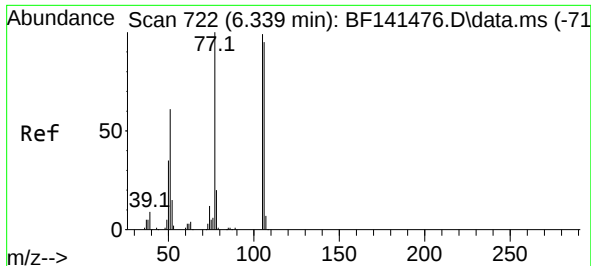
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#8
2-Chlorophenol
Concen: 41.270 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

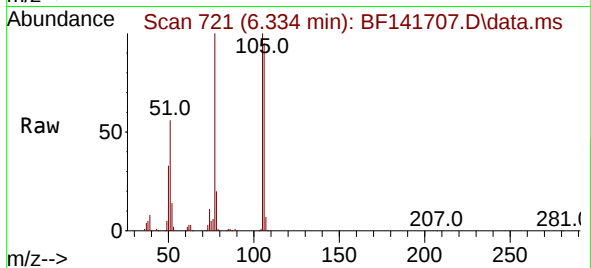
Tgt Ion:128 Resp: 249942
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 50.8 28.3 68.3





#9
Benzaldehyde
Concen: 39.556 ng
RT: 6.334 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

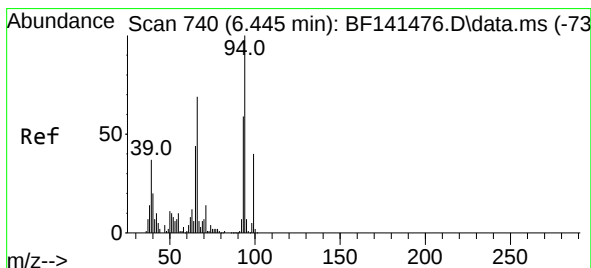
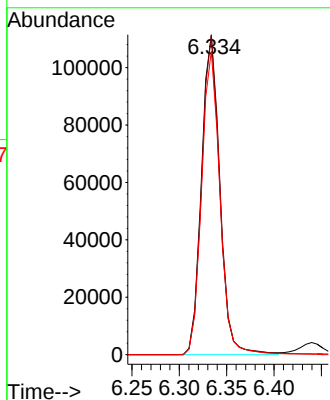
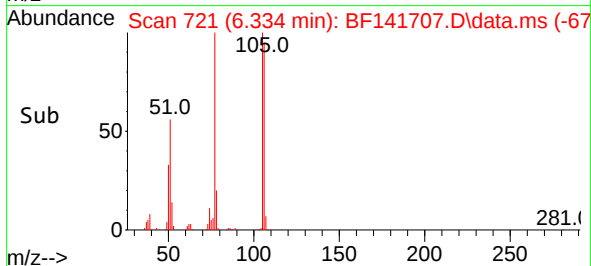
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 148908
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 95.1 75.1 115.1

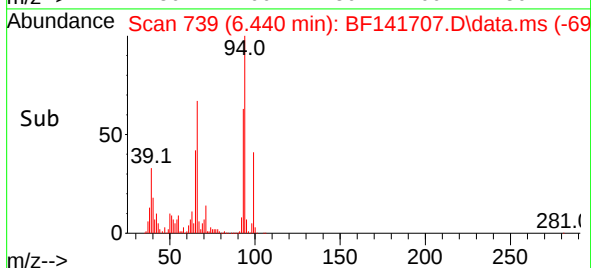
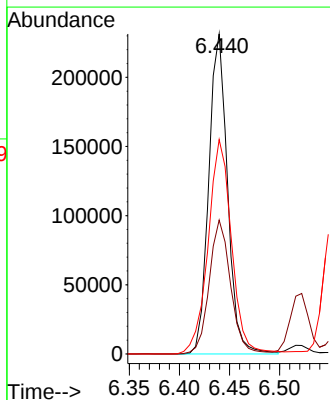
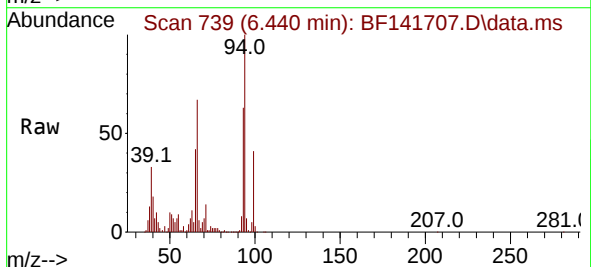
Manual Integrations
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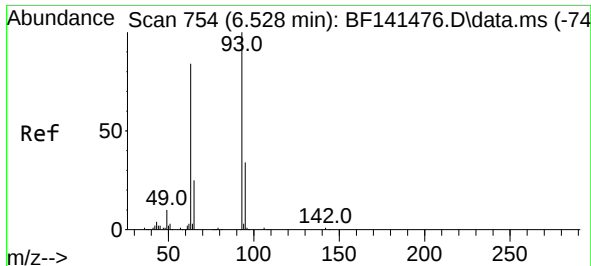
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#10
Phenol
Concen: 40.986 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

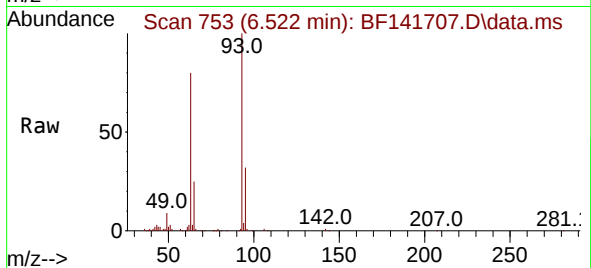
Tgt Ion: 94 Resp: 302192
Ion Ratio Lower Upper
94 100
65 41.9 23.7 63.7
66 67.0 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 41.107 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

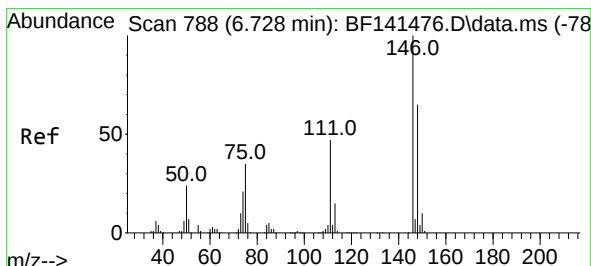
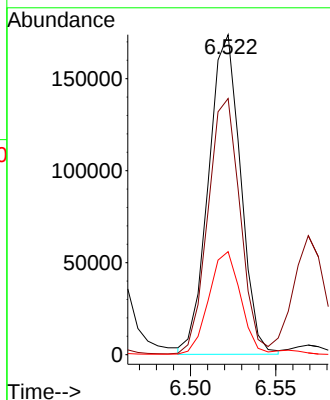
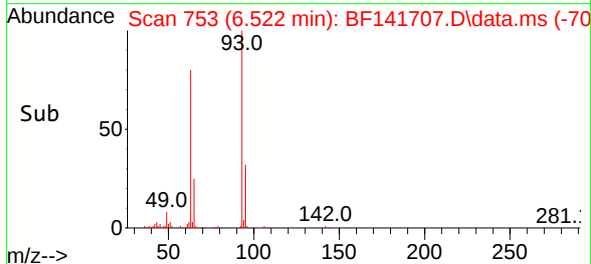
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



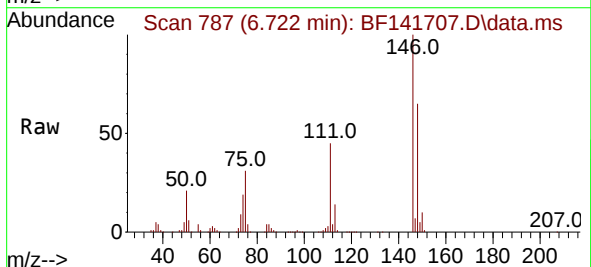
Tgt Ion: 93 Resp: 227648
Ion Ratio Lower Upper
93 100
63 80.1 62.0 102.0
95 32.2 12.6 52.6

Manual Integrations
APPROVED

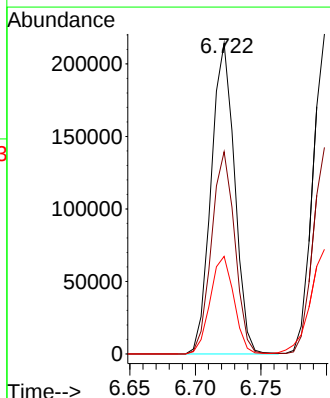
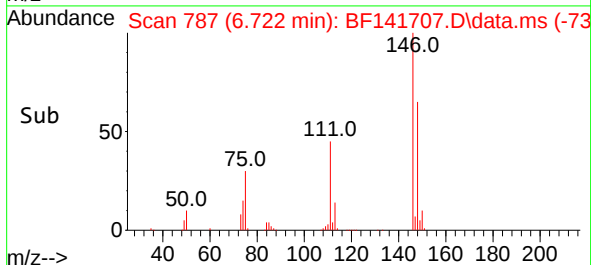
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

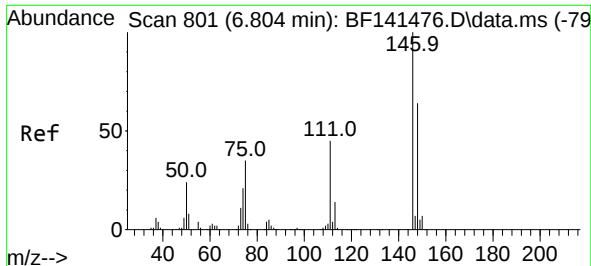


#12
1,3-Dichlorobenzene
Concen: 41.709 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:146 Resp: 266673
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.942 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

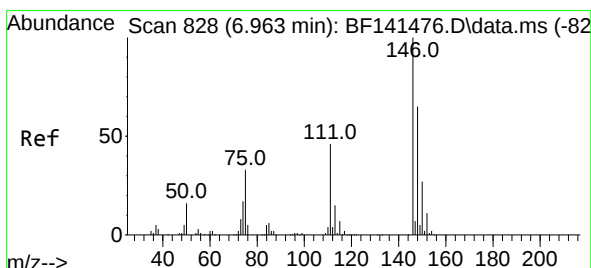
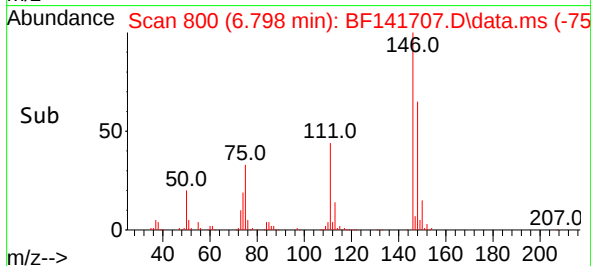
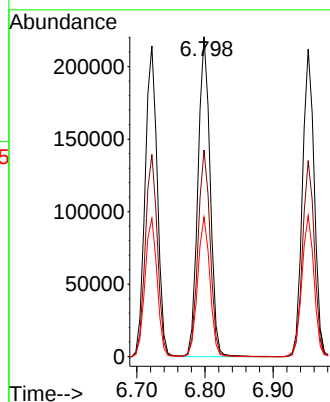
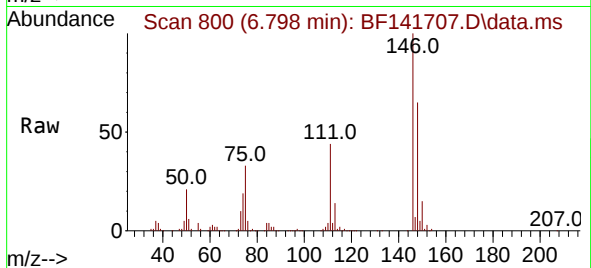
Tgt Ion:146 Resp: 273983
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 111 43.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#14

1,2-Dichlorobenzene

Concen: 42.273 ng

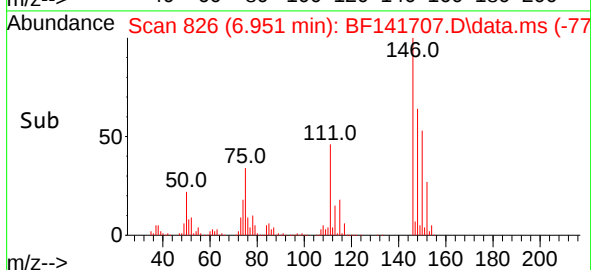
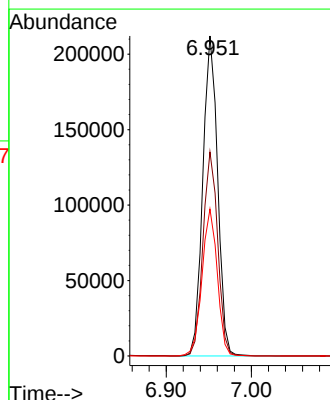
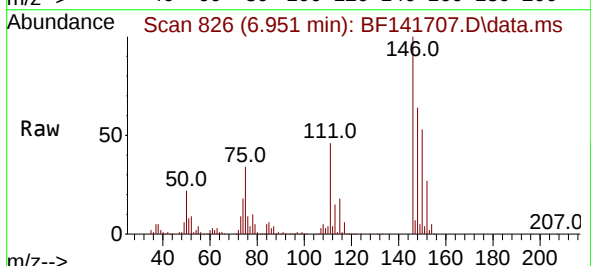
RT: 6.951 min Scan# 826

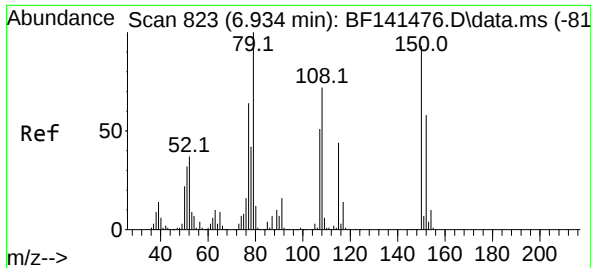
Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

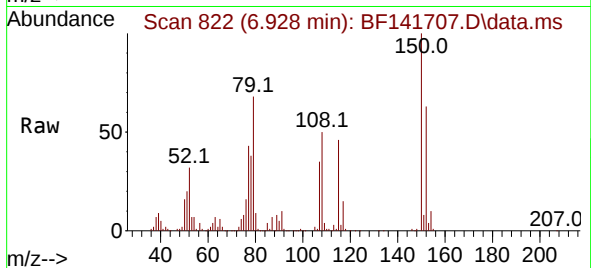
Tgt Ion:146 Resp: 256300
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 45.9 37.0 55.4





#15
Benzyl Alcohol
Concen: 39.234 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

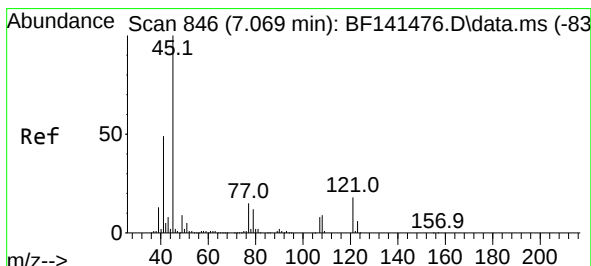
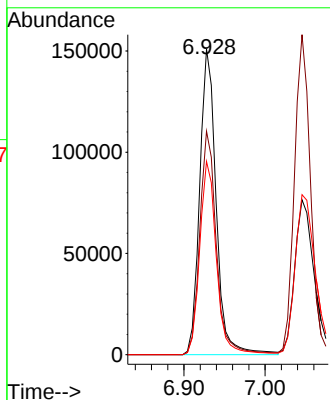
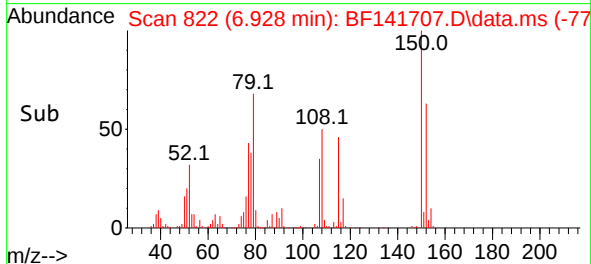
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 21313
Ion Ratio Lower Upper
79 100
108 73.1 57.4 86.2
77 63.2 50.9 76.3

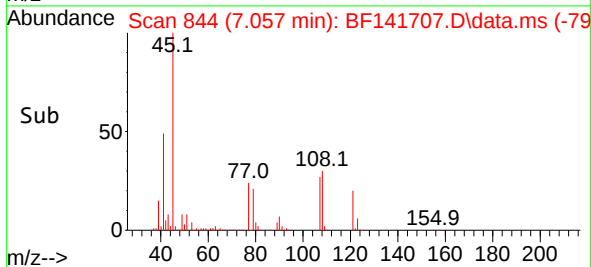
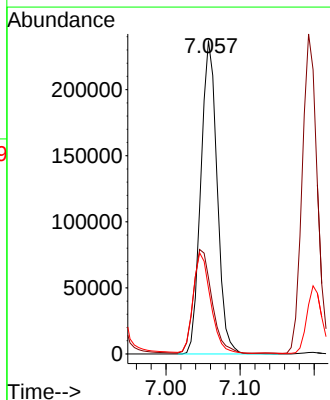
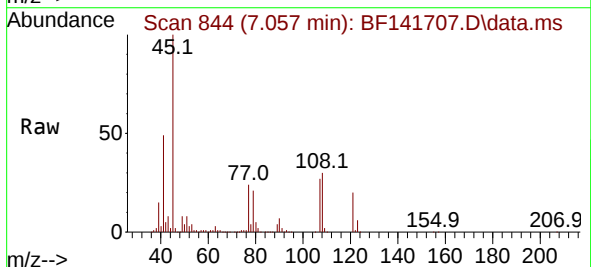
Manual Integrations
APPROVED

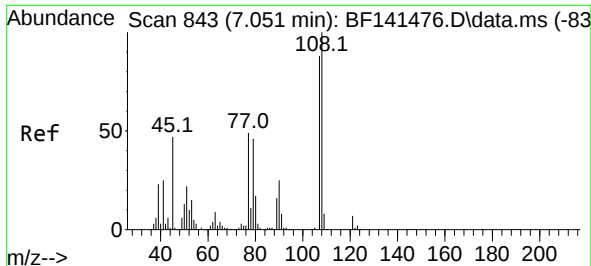
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.182 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

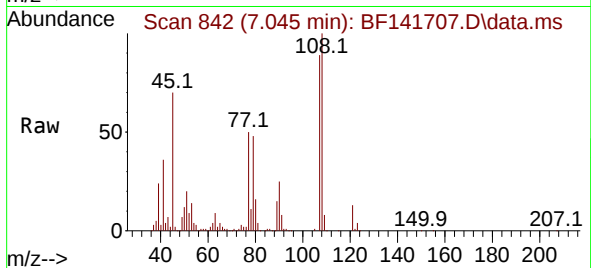
Tgt Ion: 45 Resp: 361962
Ion Ratio Lower Upper
45 100
77 24.4 0.0 35.8
79 21.1 0.0 32.7





#17
2-Methylphenol
Concen: 40.443 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

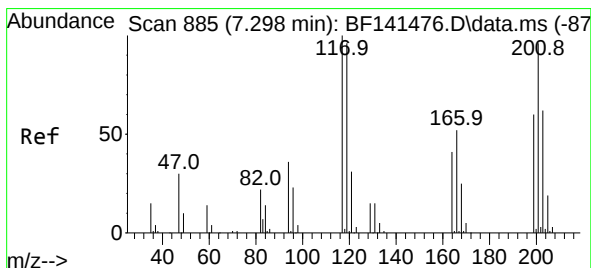
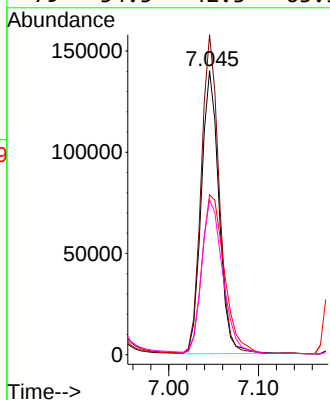
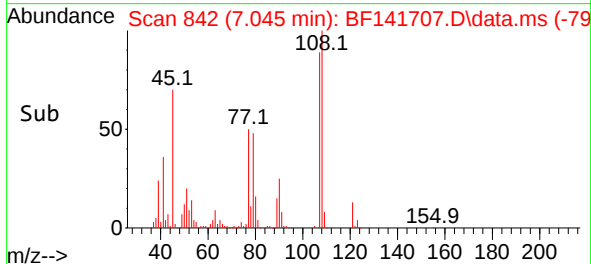
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



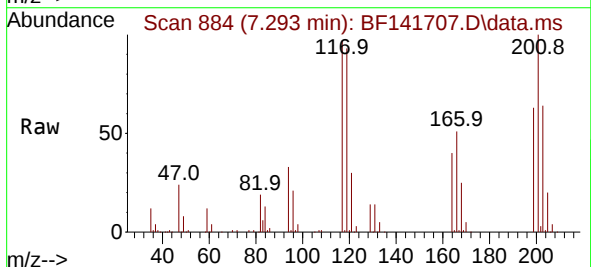
Tgt Ion:107 Resp: 19167
Ion Ratio Lower Upper
107 100
108 112.7 90.6 136.0
77 56.4 44.4 66.6
79 54.5 42.3 63.5

Manual Integrations
APPROVED

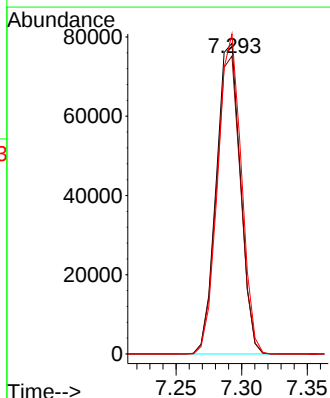
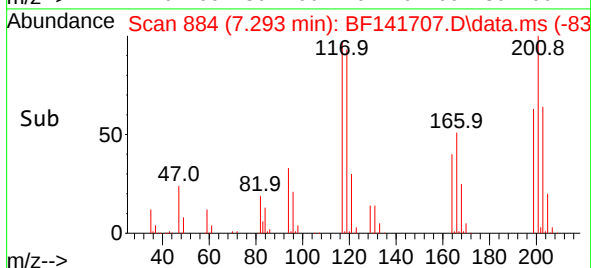
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#18
Hexachloroethane
Concen: 41.408 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:117 Resp: 100107
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 103.0 76.7 115.1





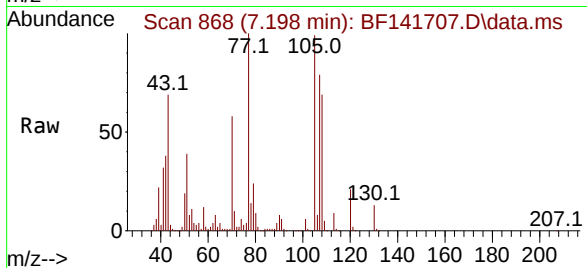
#19
n-Nitroso-di-n-propylamine
Concen: 40.136 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



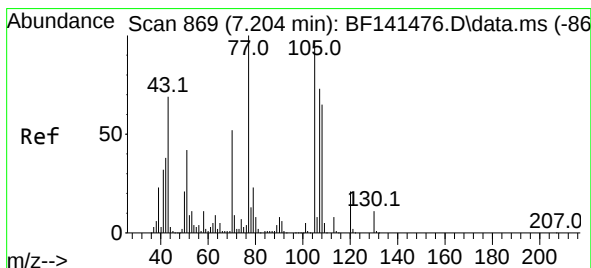
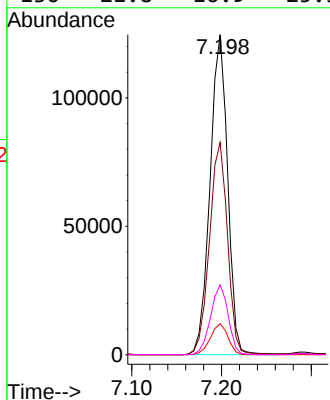
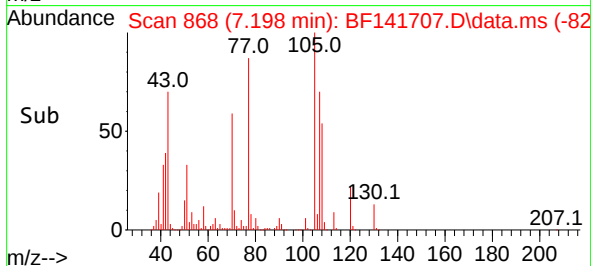
Tgt Ion: 70 Resp: 170070
Ion Ratio Lower Upper
70 100
42 66.3 57.4 86.2
101 9.7 8.0 12.0
130 21.8 16.9 25.3

Manual Integrations

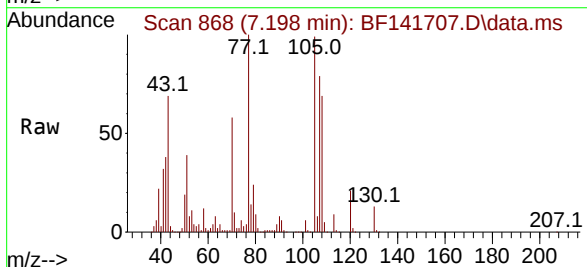
APPROVED

Reviewed By :Rahul Chavli 02/21/2025

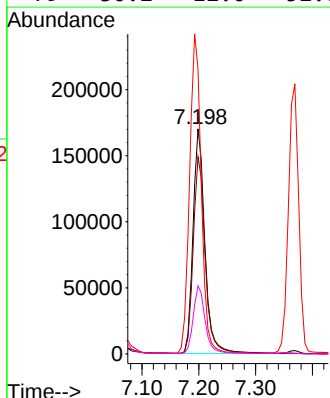
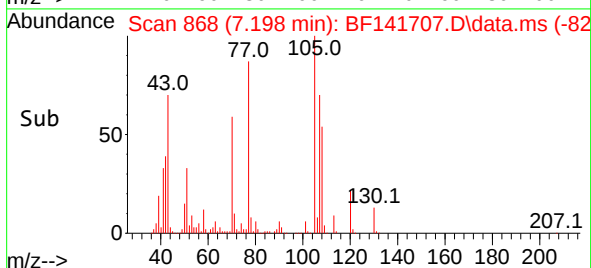
Supervised By :Jagrut Upadhyay 02/21/2025



#20
3+4-Methylphenols
Concen: 40.942 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:107 Resp: 246595
Ion Ratio Lower Upper
107 100
108 87.5 68.5 108.5
77 126.2 116.5 156.5
79 30.2 12.0 52.0





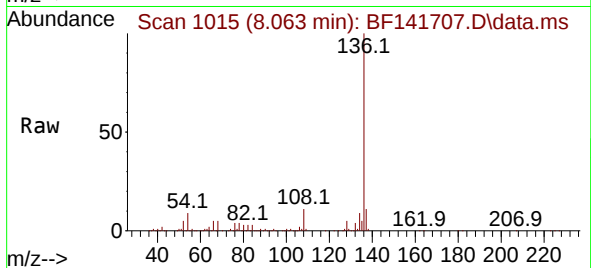
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



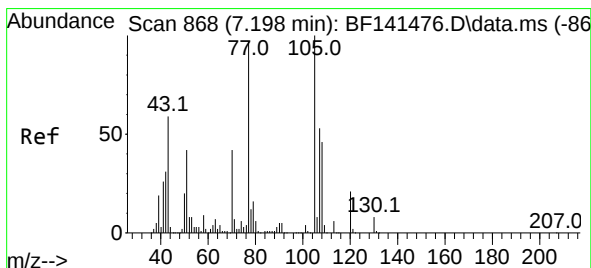
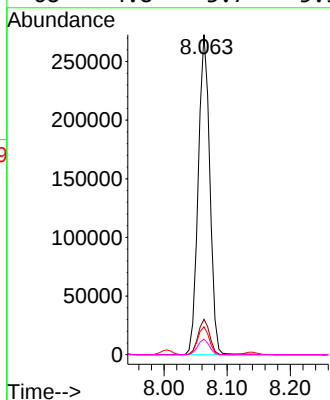
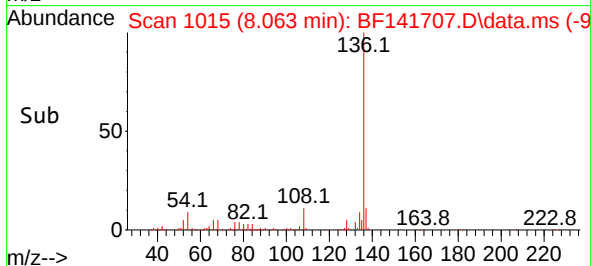
Tgt Ion:136 Resp: 346295
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 7.2 10.8
68 4.8 3.7 5.5

Manual Integrations

APPROVED

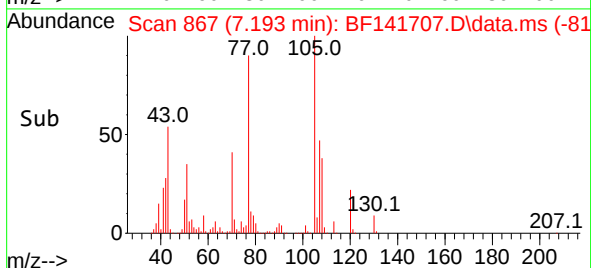
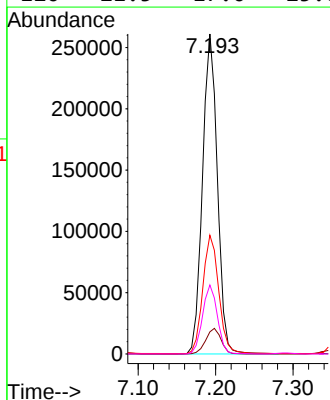
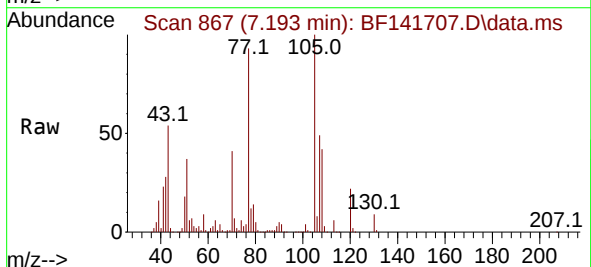
Reviewed By :Rahul Chavli 02/21/2025

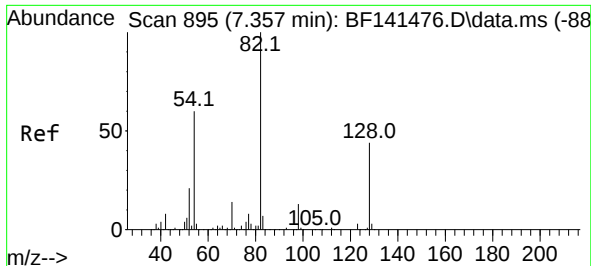
Supervised By :Jagrut Upadhyay 02/21/2025



#22
Acetophenone
Concen: 40.347 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:105 Resp: 347556
Ion Ratio Lower Upper
105 100
71 6.9 5.7 8.5
51 37.1 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.490 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 52776

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

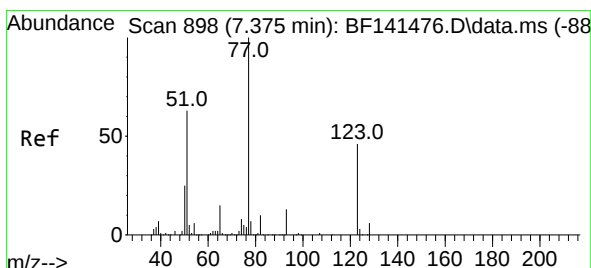
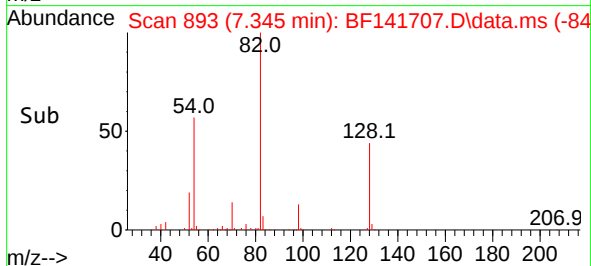
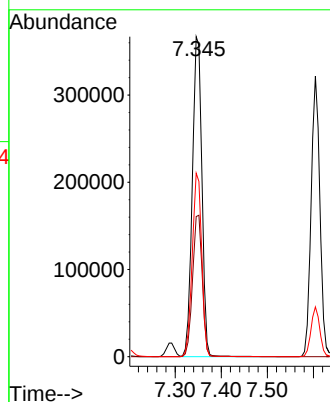
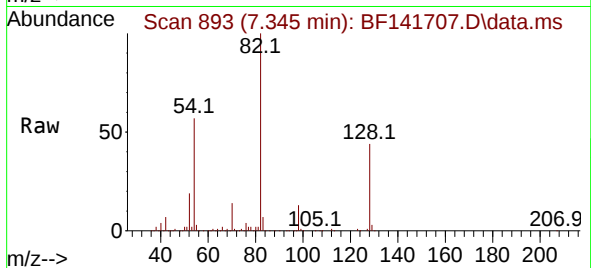
54 57.3 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#24

Nitrobenzene

Concen: 39.690 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

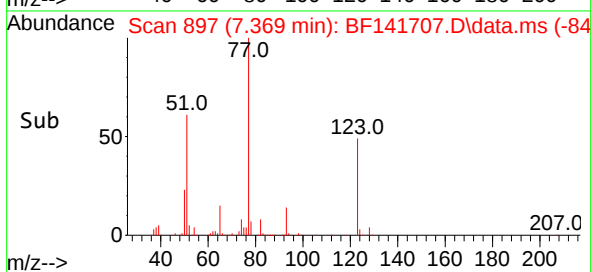
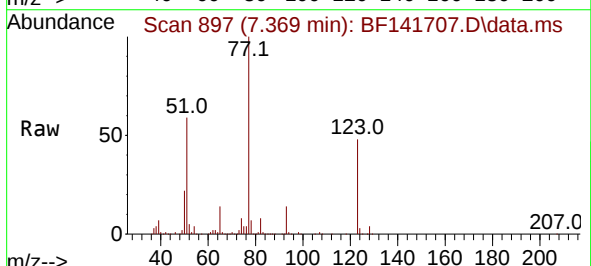
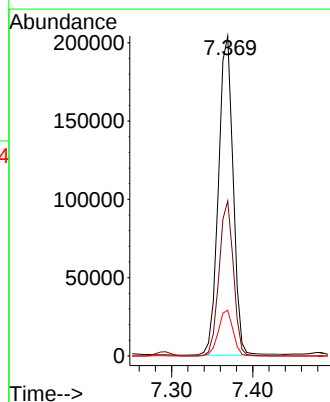
Tgt Ion: 77 Resp: 256961

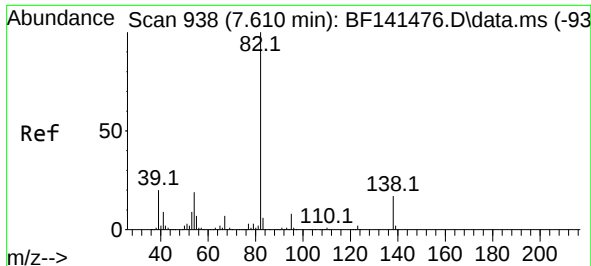
Ion Ratio Lower Upper

77 100

123 48.4 36.9 55.3

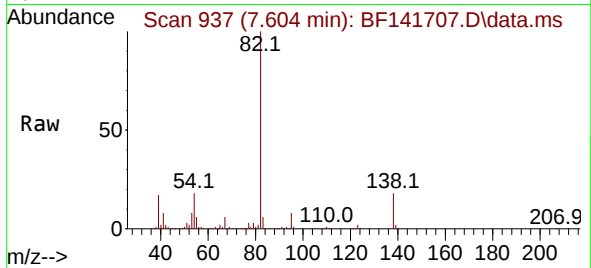
65 14.3 11.9 17.9





#25
Isophorone
Concen: 40.300 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

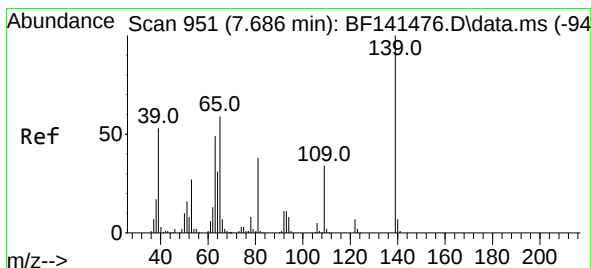
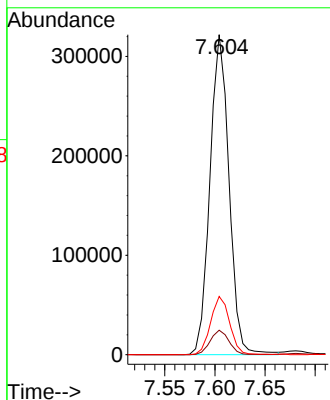
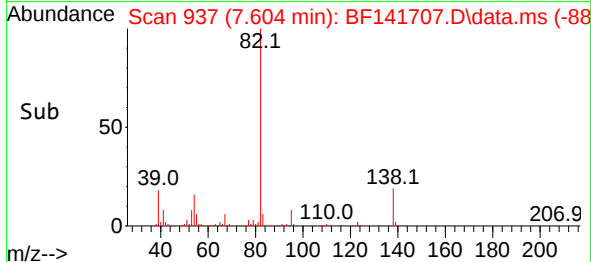
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 426628
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9

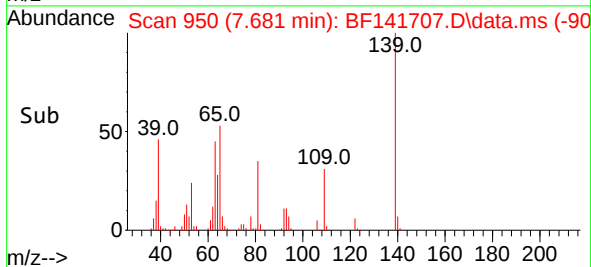
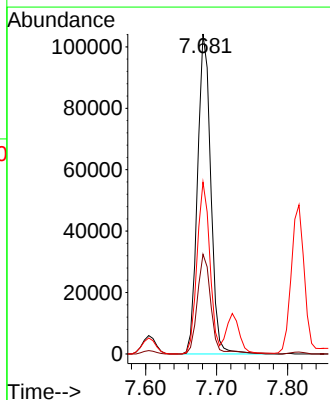
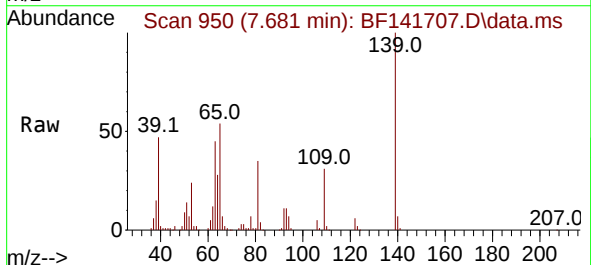
Manual Integrations
APPROVED

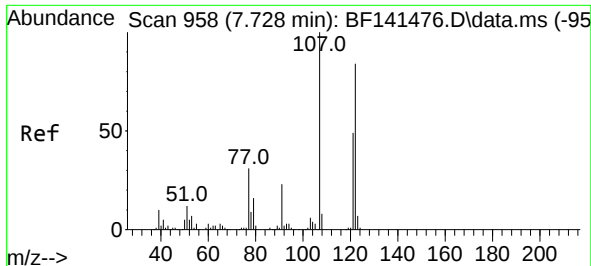
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#26
2-Nitrophenol
Concen: 42.129 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:139 Resp: 135698
Ion Ratio Lower Upper
139 100
109 31.1 27.0 40.6
65 53.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.495 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141707.D

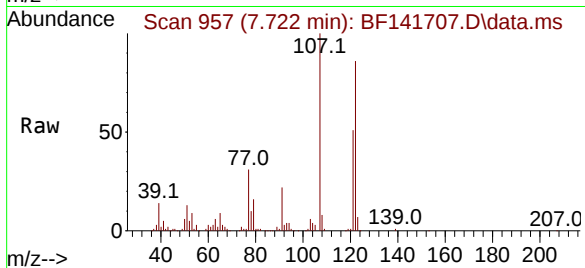
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



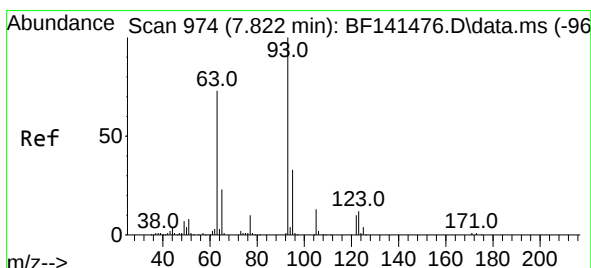
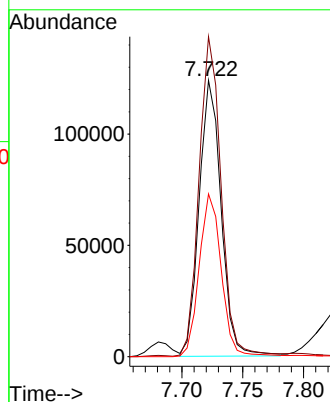
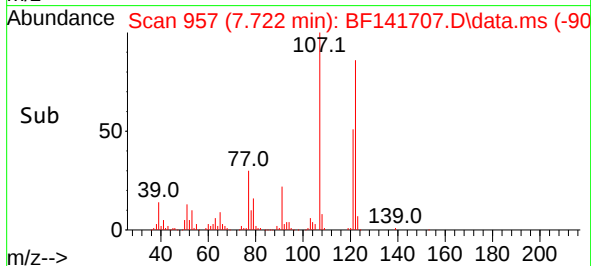
Tgt Ion:	122	Resp:	156138
Ion	Ratio	Lower	Upper
122	100		
107	115.8	94.3	141.5
121	58.9	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.169 ng

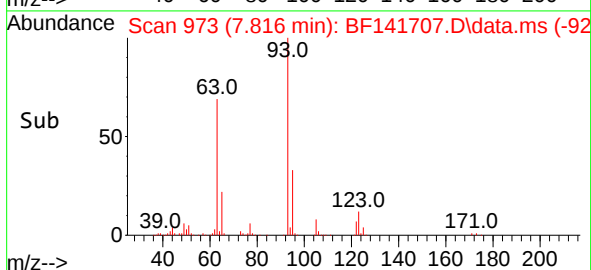
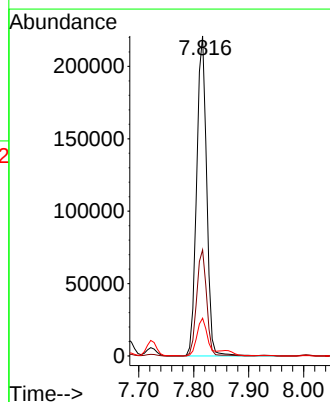
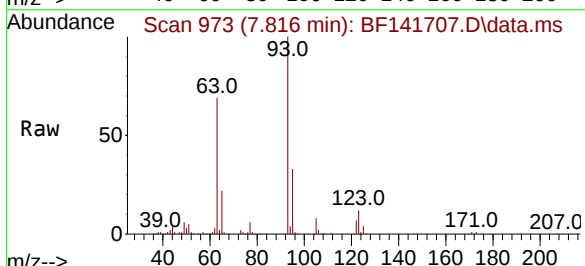
RT: 7.816 min Scan# 973

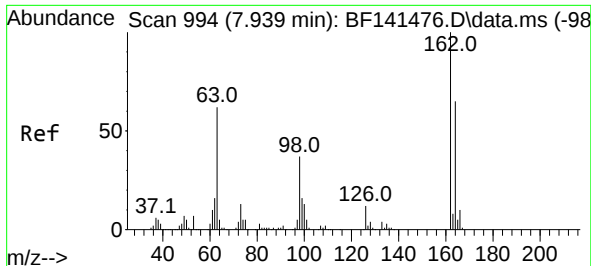
Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion:	93	Resp:	279268
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.1	39.1
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 40.925 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

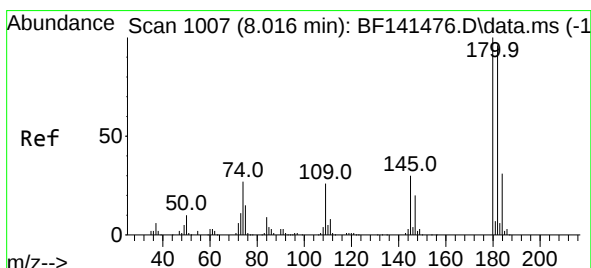
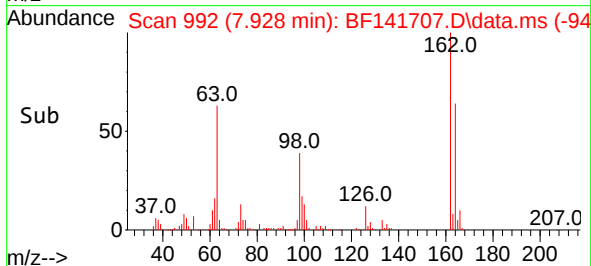
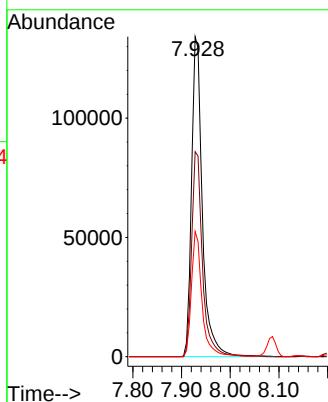
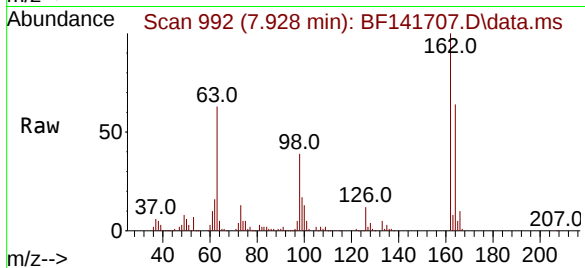
Tgt Ion:162 Resp: 208070
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.6 84.6
 98 39.1 17.2 57.2

Manual Integrations

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Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.418 ng

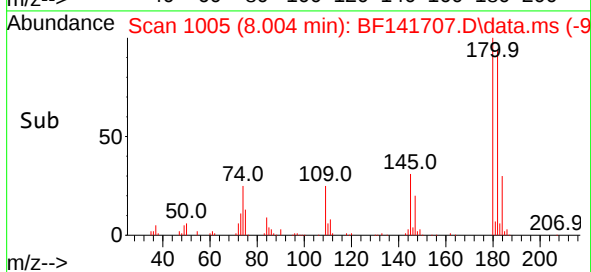
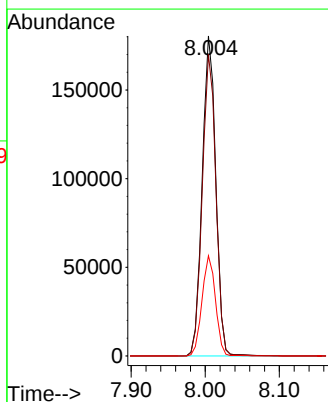
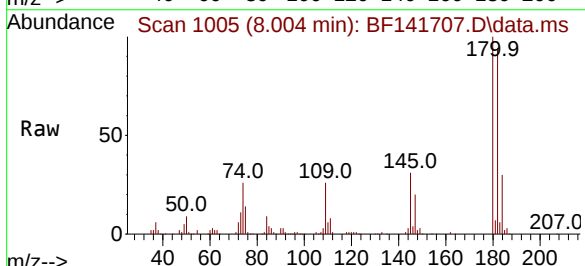
RT: 8.004 min Scan# 1005

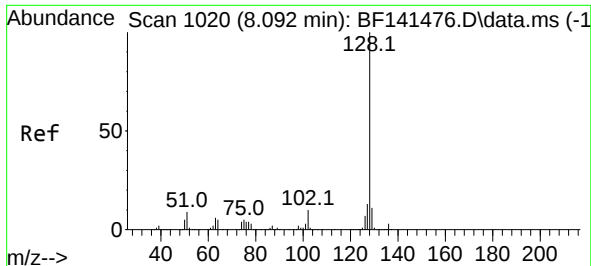
Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

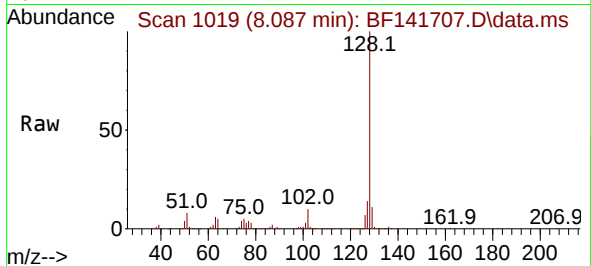
Tgt Ion:180 Resp: 229310
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 31.3 24.2 36.4





#31
Naphthalene
Concen: 40.074 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

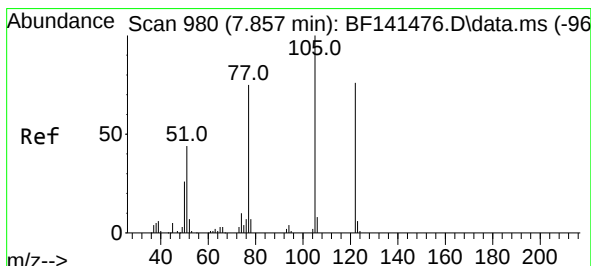
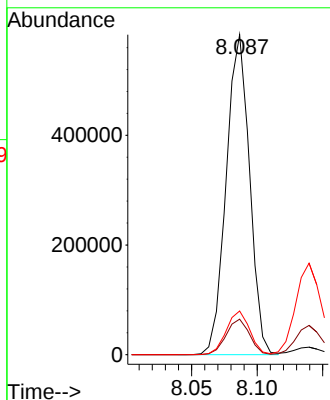
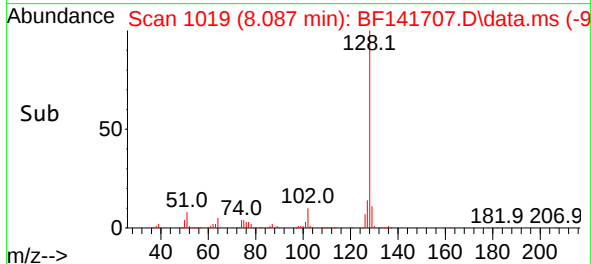
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 722374
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.7 16.1

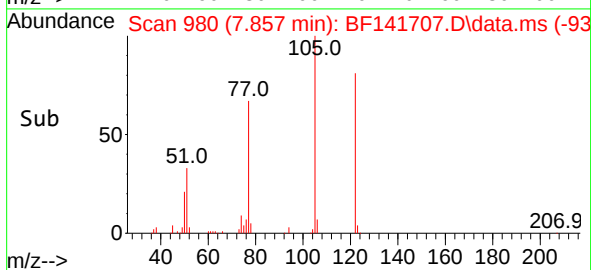
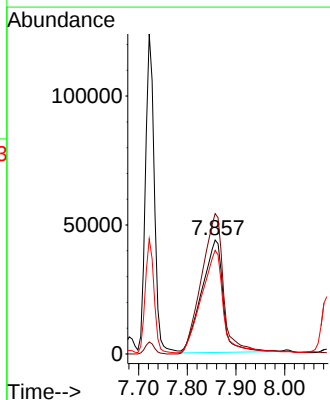
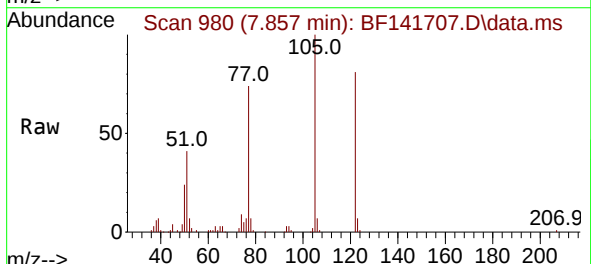
Manual Integrations
APPROVED

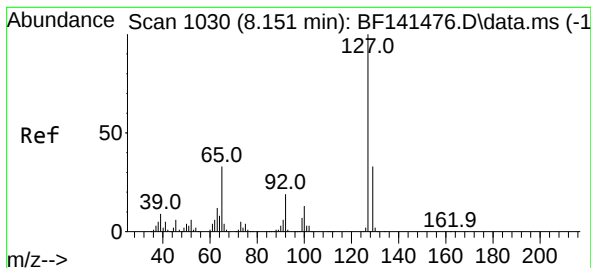
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#32
Benzoic acid
Concen: 34.103 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:122 Resp: 133290
Ion Ratio Lower Upper
122 100
105 123.2 106.5 146.5
77 91.0 76.3 116.3





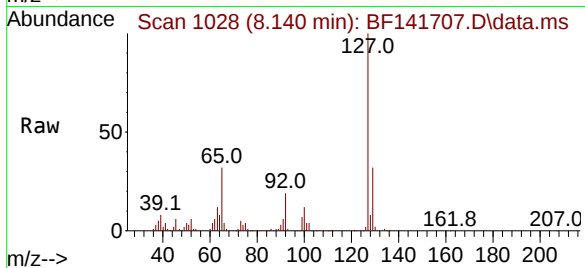
#33
4-Chloroaniline
Concen: 40.247 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

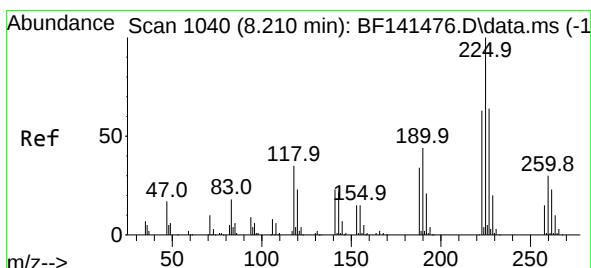
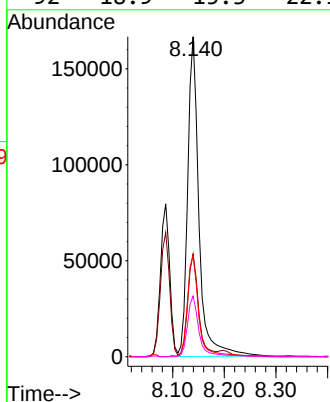
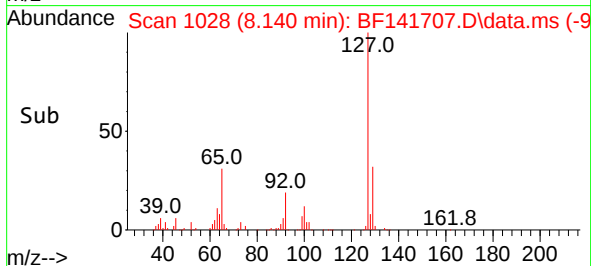


Tgt Ion:127 Resp: 25329
Ion Ratio Lower Upper
127 100
129 32.1 26.5 39.7
65 31.7 26.4 39.6
92 18.9 15.3 22.9

Manual Integrations

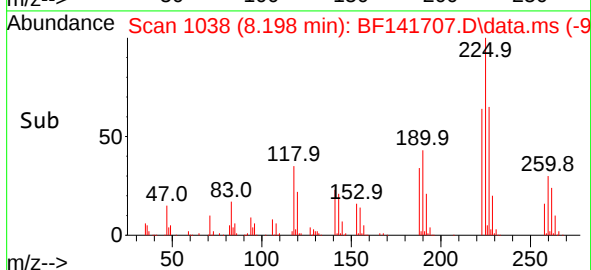
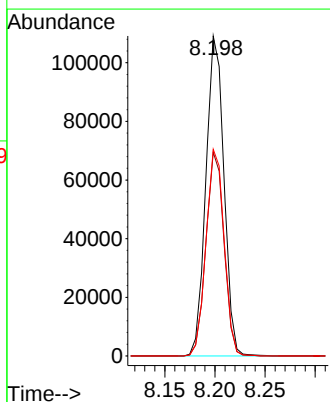
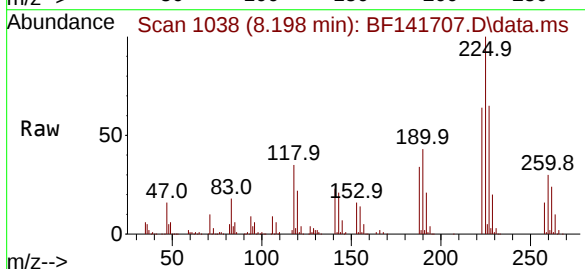
APPROVED

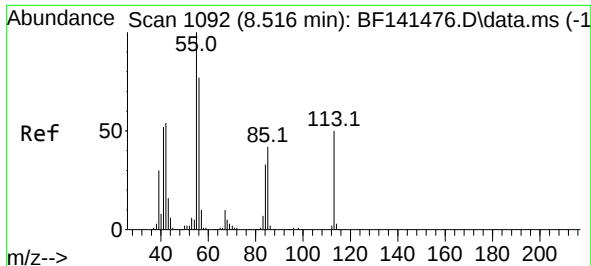
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#34
Hexachlorobutadiene
Concen: 41.146 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

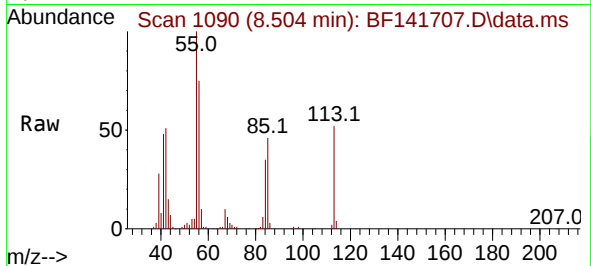
Tgt Ion:225 Resp: 136759
Ion Ratio Lower Upper
225 100
223 63.6 50.1 75.1
227 64.6 51.0 76.6





#35
Caprolactam
Concen: 40.440 ng m
RT: 8.504 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

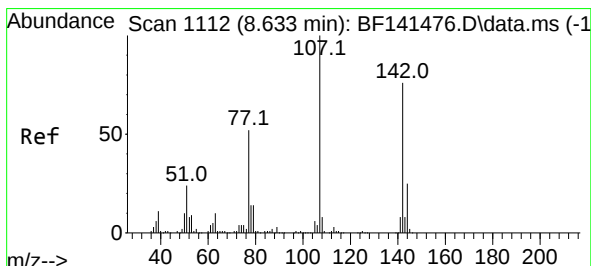
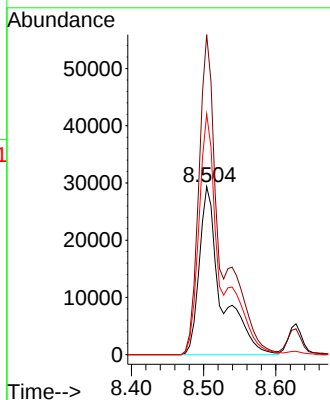
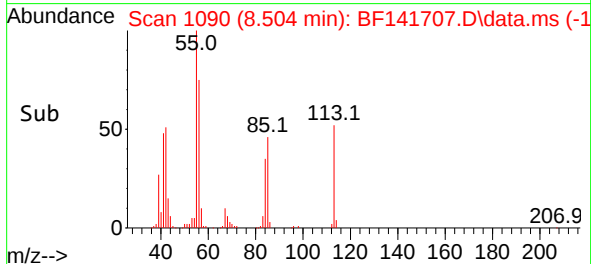
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 62600
Ion Ratio Lower Upper
113 100
55 190.5 180.8 220.8
56 143.4 133.6 173.6

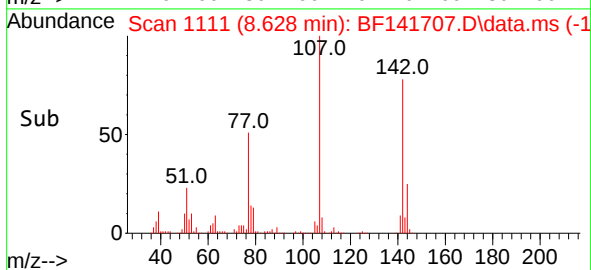
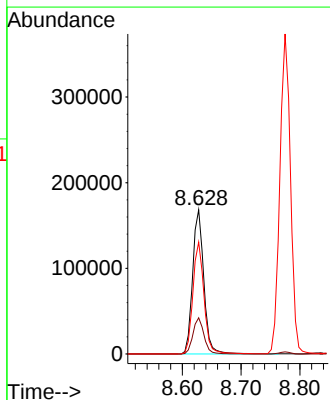
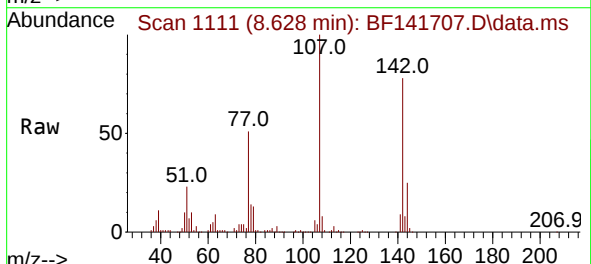
Manual Integrations
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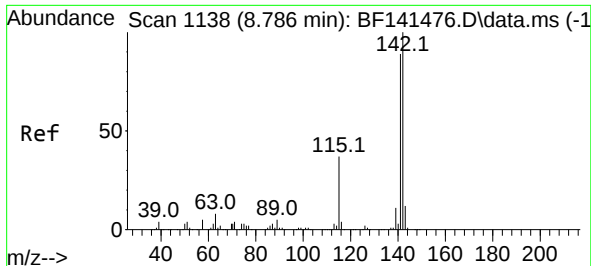
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#36
4-Chloro-3-methylphenol
Concen: 39.707 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:107 Resp: 223621
Ion Ratio Lower Upper
107 100
144 25.1 19.7 29.5
142 77.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.945 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 46855

Ion Ratio Lower Upper

142 100

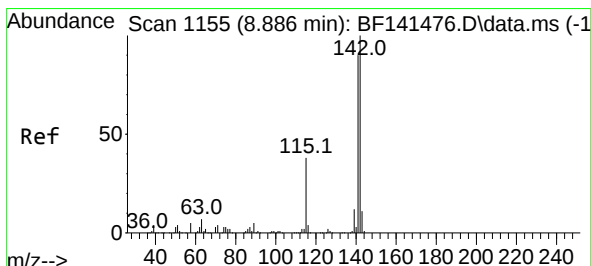
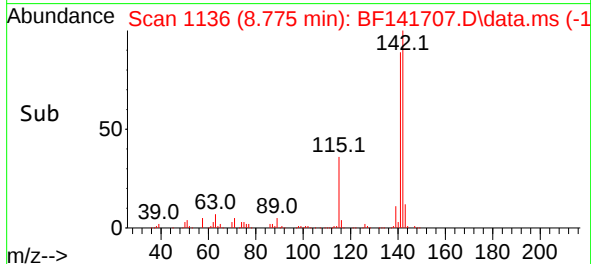
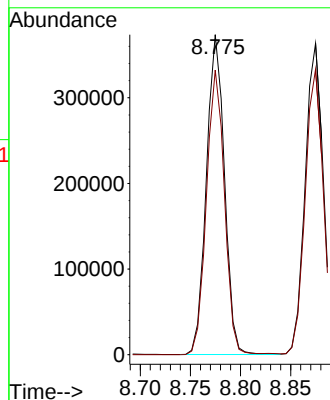
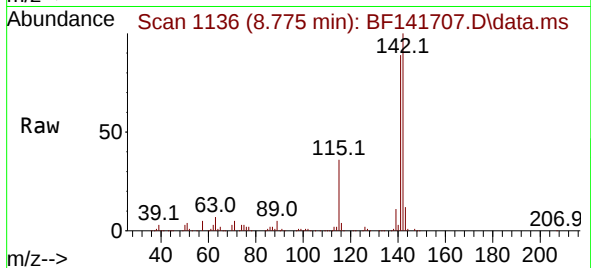
141 89.0 71.2 106.8

Manual Integrations

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Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#38

1-Methylnaphthalene

Concen: 39.795 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141707.D

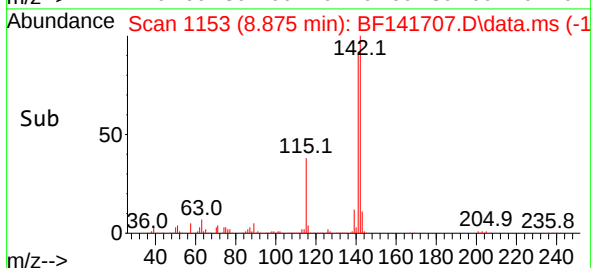
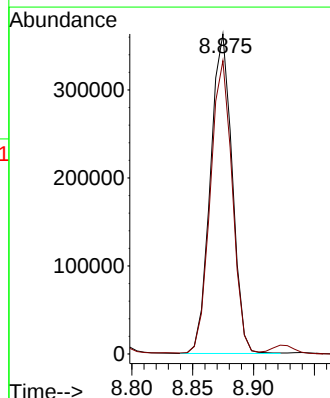
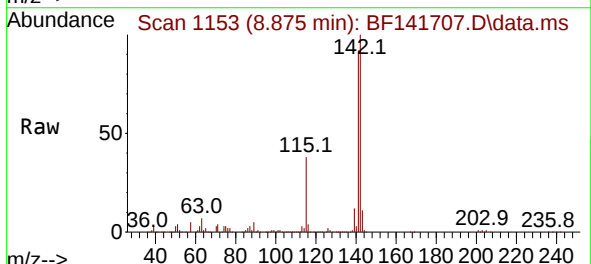
Acq: 20 Feb 2025 17:09

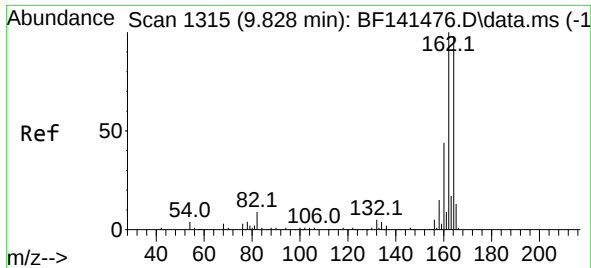
Tgt Ion:142 Resp: 452107

Ion Ratio Lower Upper

142 100

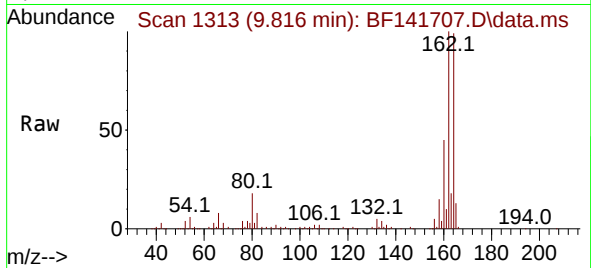
141 91.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

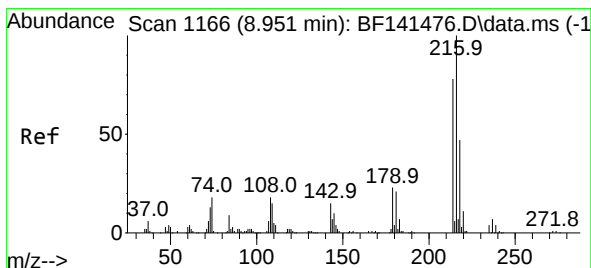
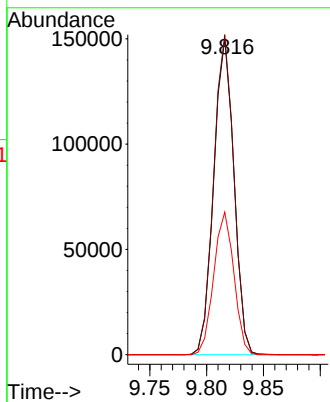
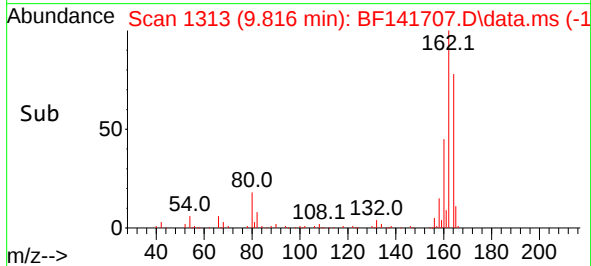
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:164 Resp: 185494
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.1 35.9 53.9

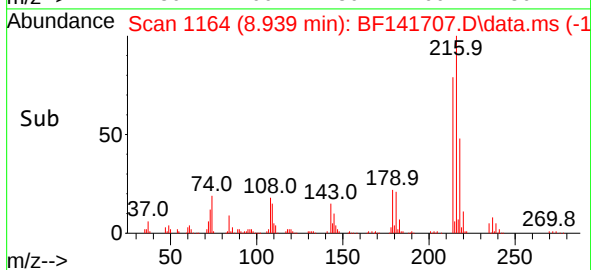
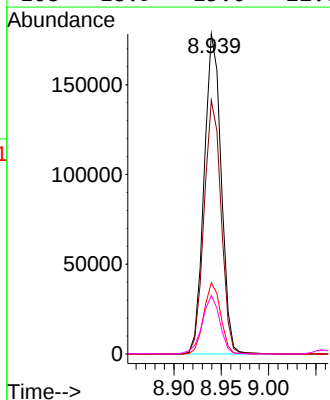
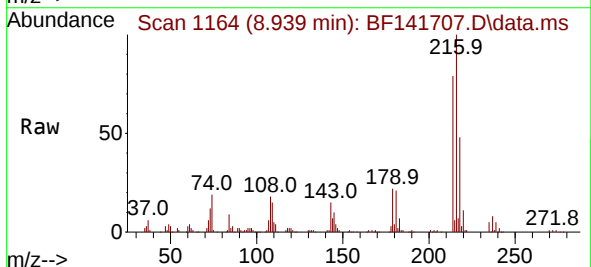
Manual Integrations
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Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.395 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

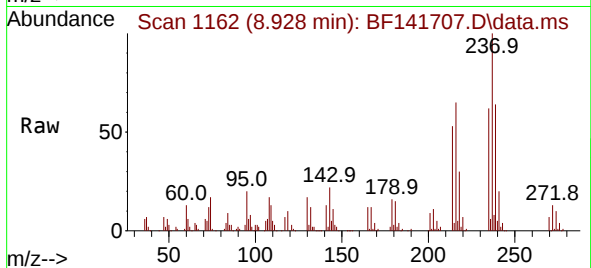
Tgt Ion:216 Resp: 222151
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 21.9 18.0 27.0
108 18.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 52.019 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

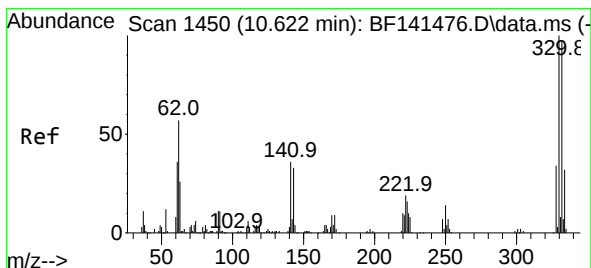
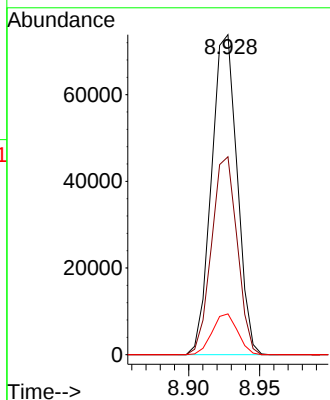
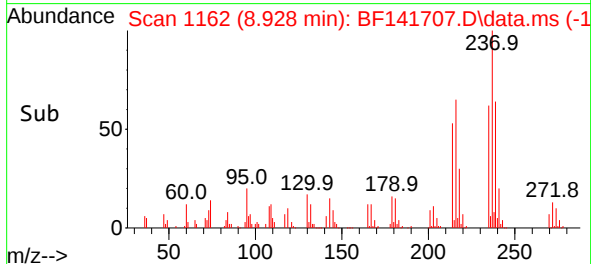
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



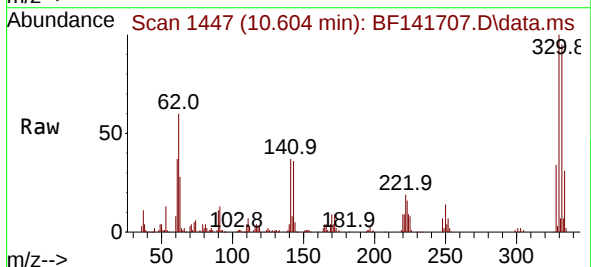
Tgt Ion:237 Resp: 92852
Ion Ratio Lower Upper
237 100
235 61.9 41.4 81.4
272 12.8 0.0 32.4

Manual Integrations
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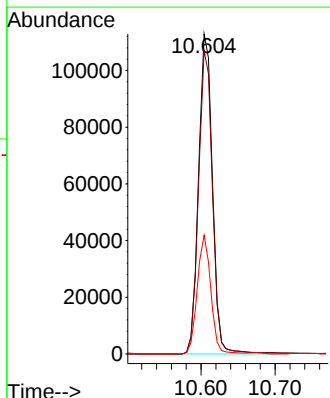
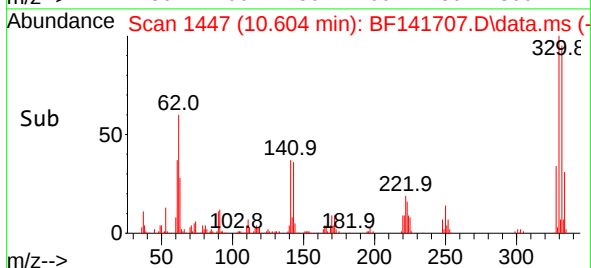
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

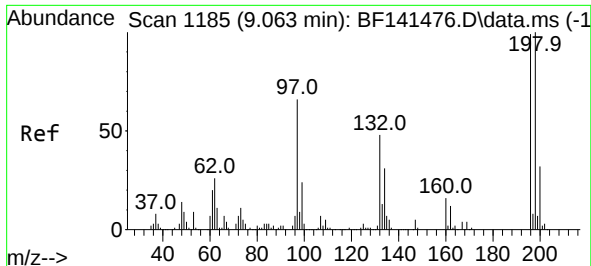


#42
2,4,6-Tribromophenol
Concen: 79.140 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:330 Resp: 147468
Ion Ratio Lower Upper
330 100
332 94.5 78.5 117.7
141 36.1 31.0 46.4





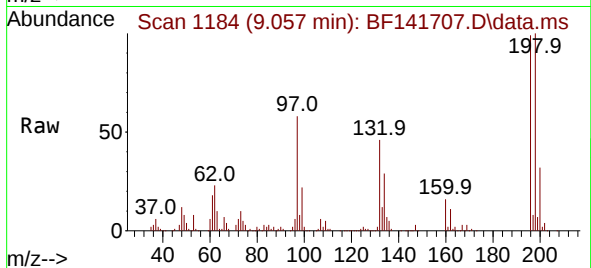
#43
2,4,6-Trichlorophenol
Concen: 40.855 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



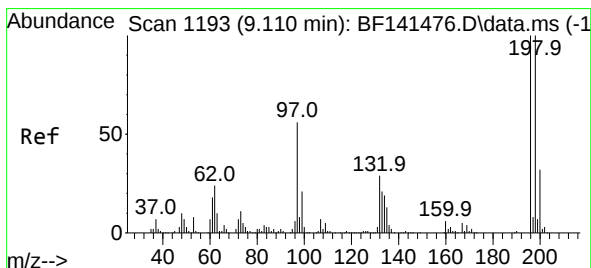
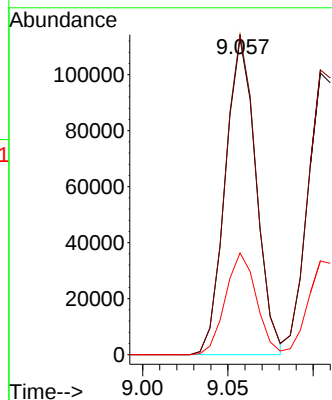
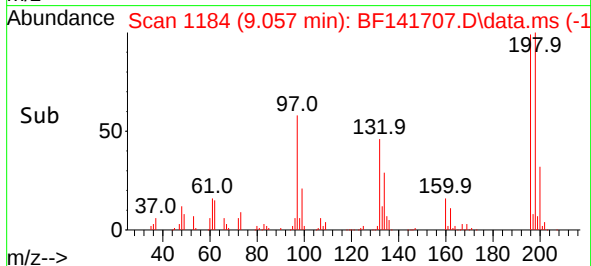
Tgt Ion:196 Resp: 14170
Ion Ratio Lower Upper
196 100
198 101.3 80.6 121.0
200 32.2 25.5 38.3

Manual Integrations

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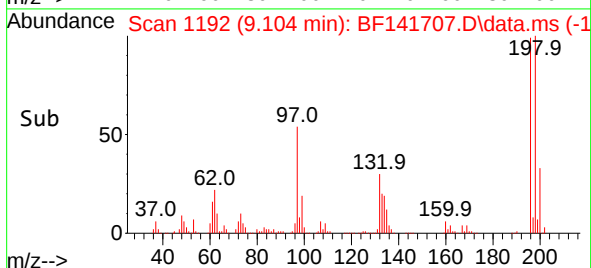
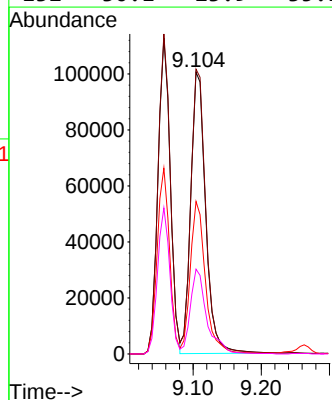
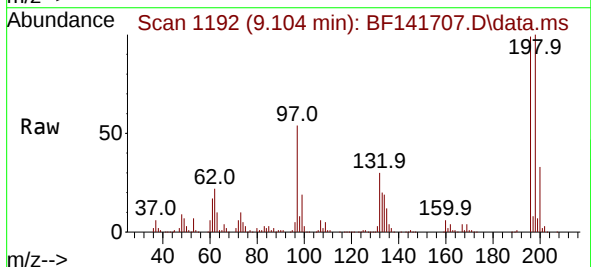
Reviewed By :Rahul Chavli 02/21/2025

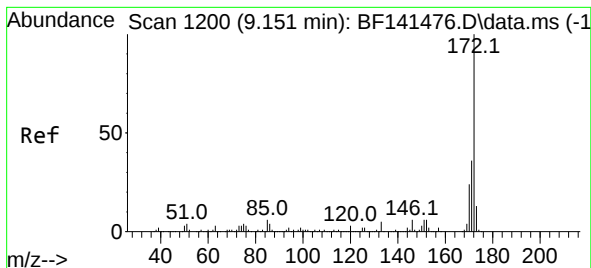
Supervised By :Jagrut Upadhyay 02/21/2025



#44
2,4,5-Trichlorophenol
Concen: 40.484 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:196 Resp: 152182
Ion Ratio Lower Upper
196 100
198 101.1 79.8 119.8
97 54.1 44.8 67.2
132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 81.821 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 98512

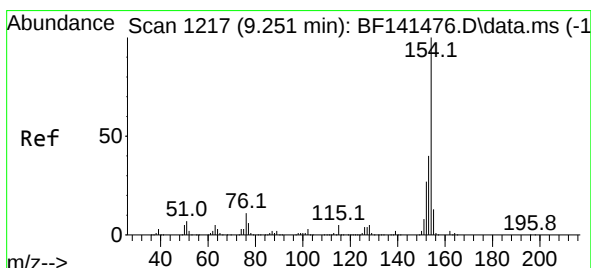
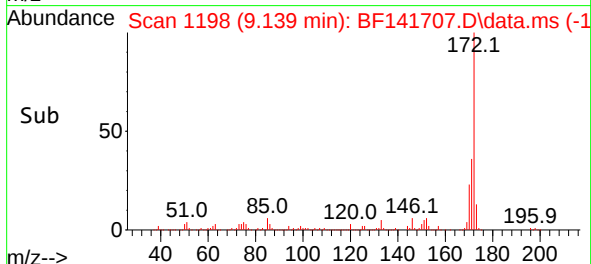
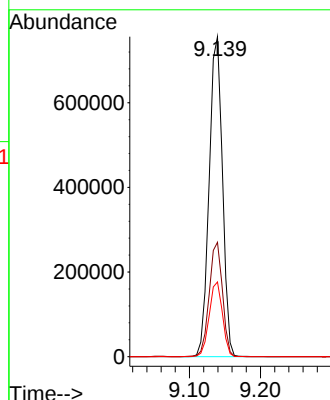
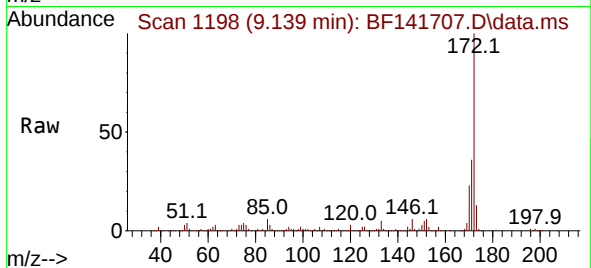
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.4	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#46

1,1'-Biphenyl

Concen: 40.963 ng

RT: 9.239 min Scan# 1215

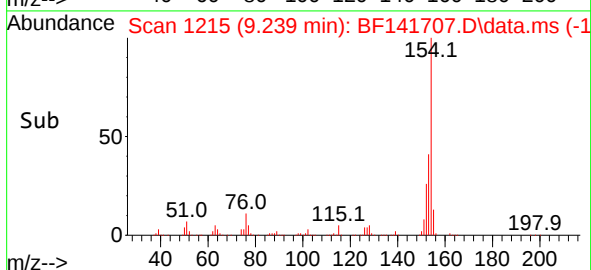
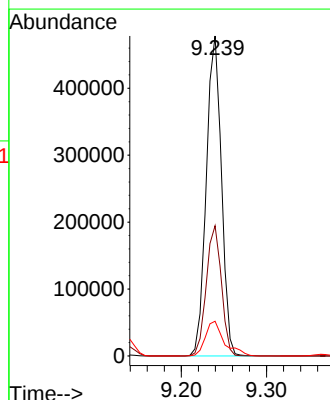
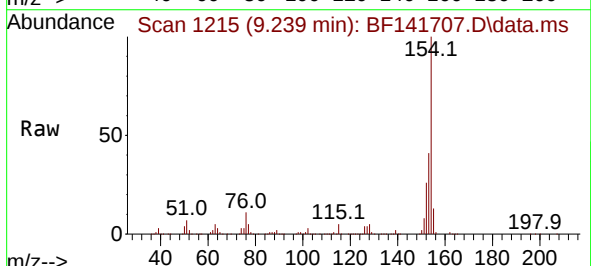
Delta R.T. -0.017 min

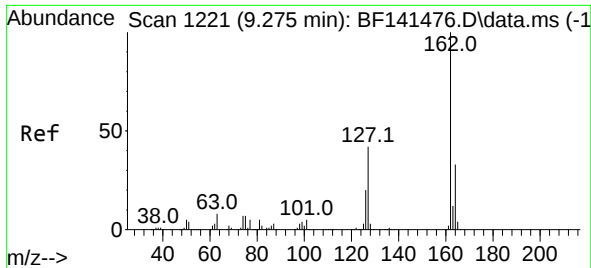
Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion:154 Resp: 589083

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.9	0.0	30.8





#47

2-Chloronaphthalene

Concen: 41.034 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 436372

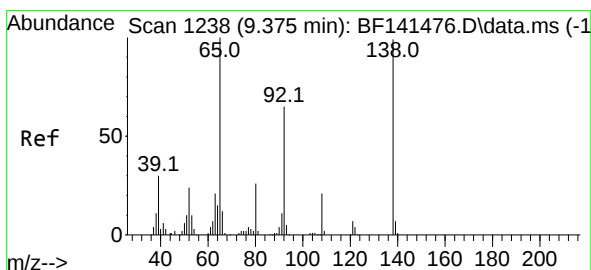
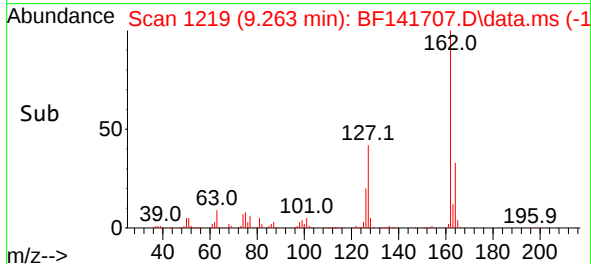
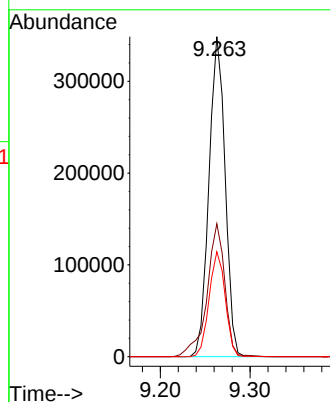
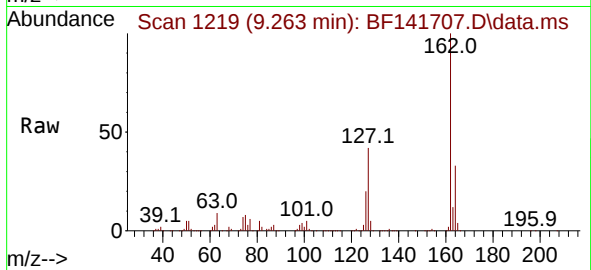
Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.1	51.1
164	32.8	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#48

2-Nitroaniline

Concen: 39.348 ng

RT: 9.363 min Scan# 1236

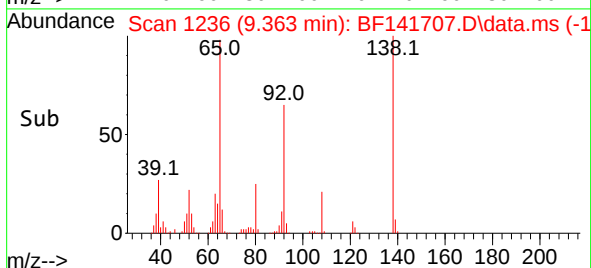
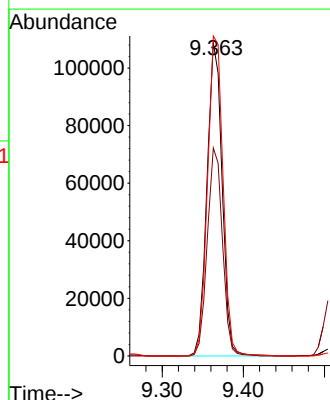
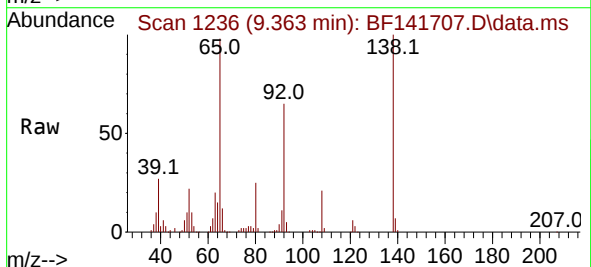
Delta R.T. -0.017 min

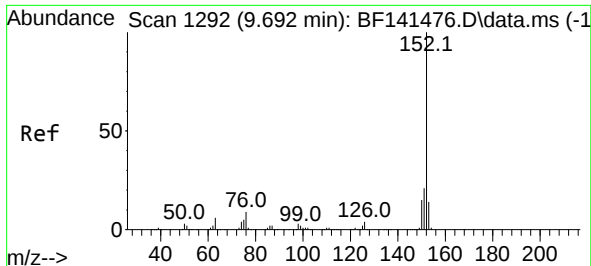
Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion: 65 Resp: 140428

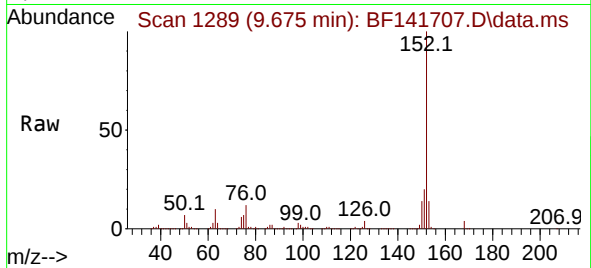
Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.2	78.2
138	102.2	79.5	119.3





#49
Acenaphthylene
Concen: 40.245 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

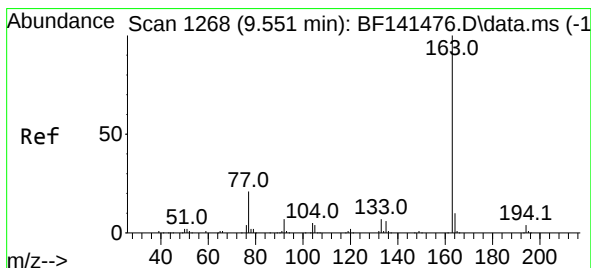
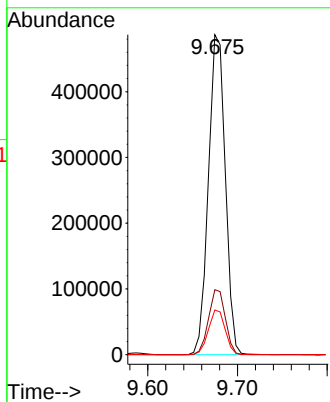
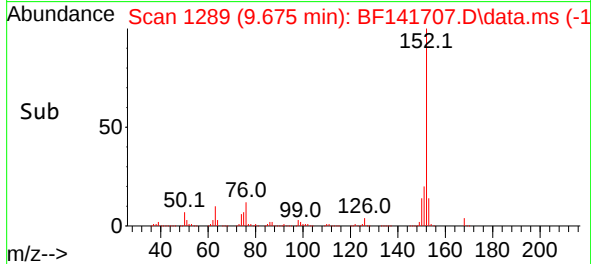
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



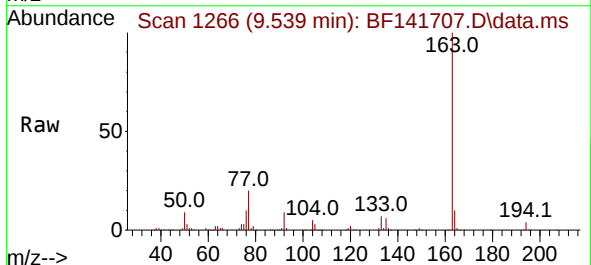
Tgt Ion:152 Resp: 636570
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.9 10.9 16.3

Manual Integrations
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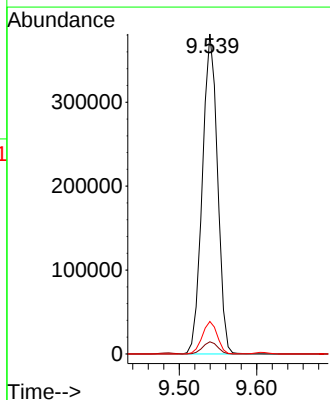
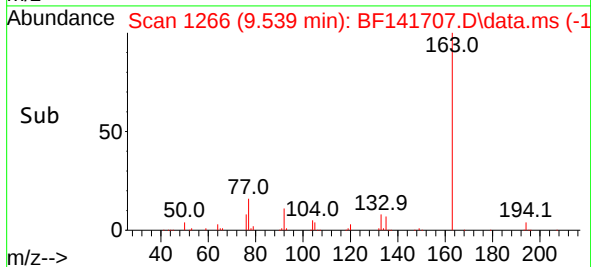
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

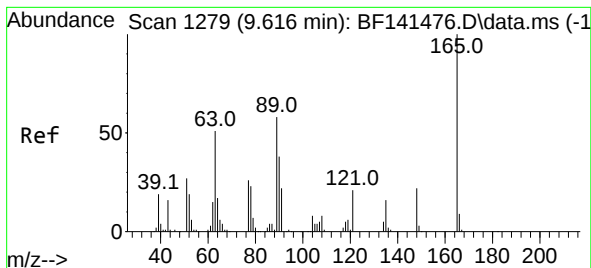


#50
Dimethylphthalate
Concen: 41.114 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



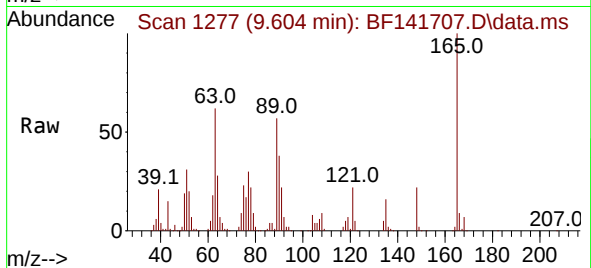
Tgt Ion:163 Resp: 517733
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.165 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

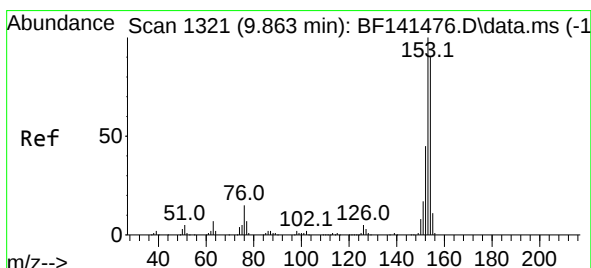
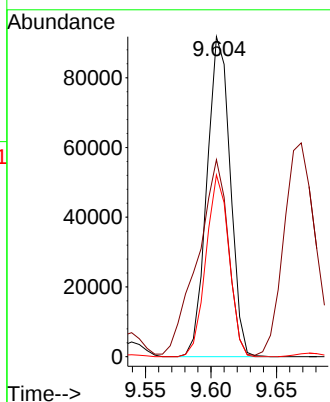
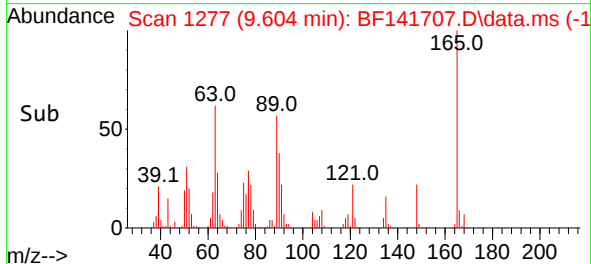
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 113320
Ion Ratio Lower Upper
165 100
63 61.5 49.4 74.0
89 56.8 46.5 69.7

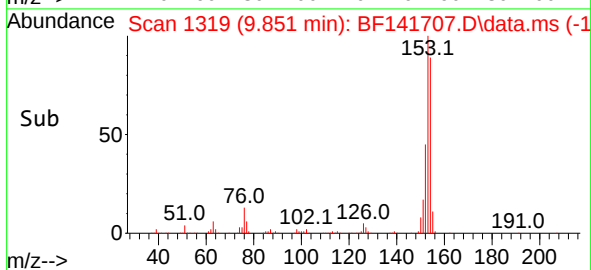
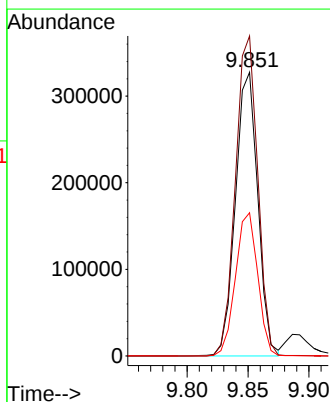
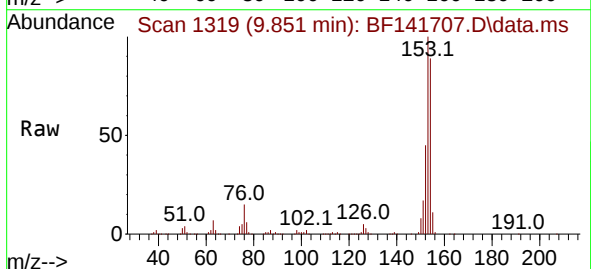
Manual Integrations
APPROVED

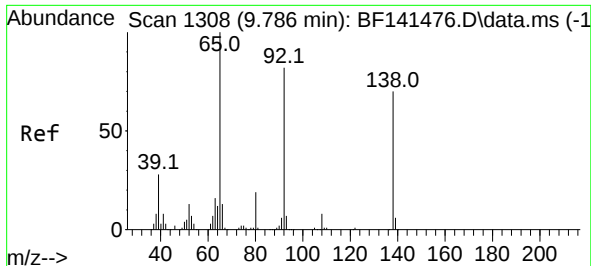
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#52
Acenaphthene
Concen: 39.387 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:154 Resp: 418833
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 50.5 39.8 59.8





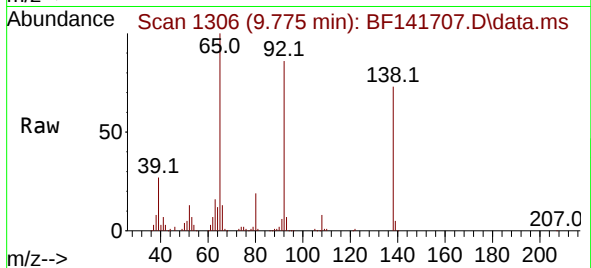
#53
3-Nitroaniline
Concen: 38.451 ng
RT: 9.775 min Scan# 11392
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



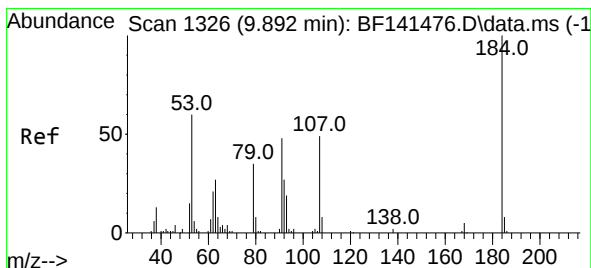
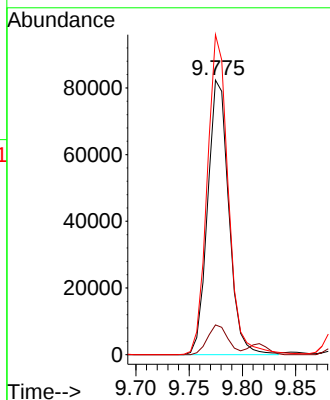
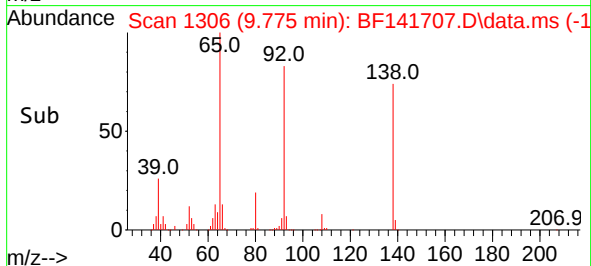
Tgt Ion:138 Resp: 11392
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 116.5 93.7 140.5

Manual Integrations

APPROVED

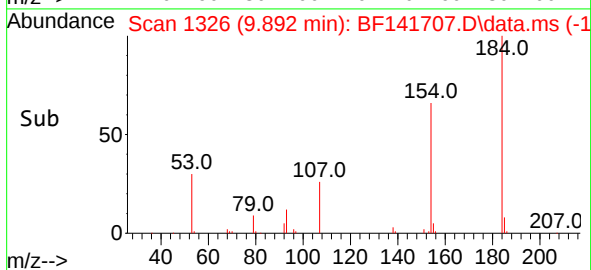
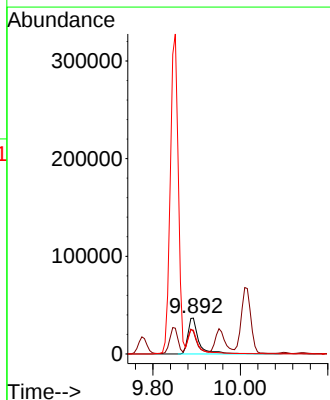
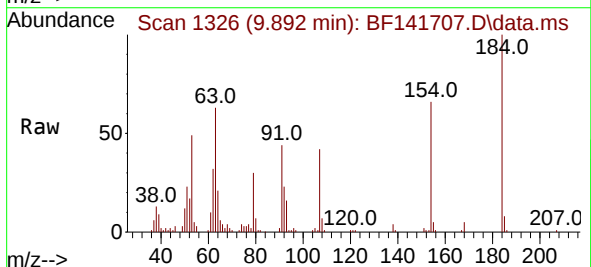
Reviewed By :Rahul Chavli 02/21/2025

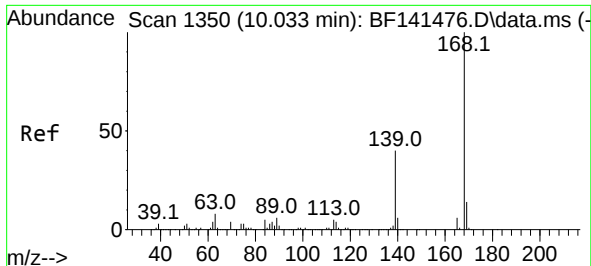
Supervised By :Jagrut Upadhyay 02/21/2025



#54
2,4-Dinitrophenol
Concen: 39.281 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

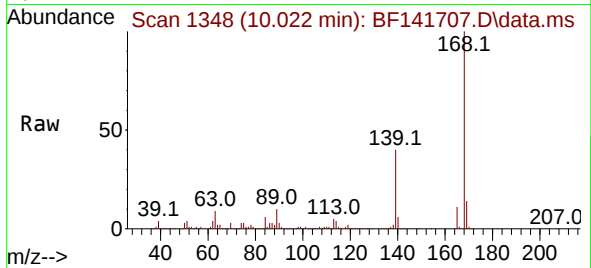
Tgt Ion:184 Resp: 64268
Ion Ratio Lower Upper
184 100
63 63.0 61.0 91.6
154 66.2 59.9 89.9





#55
Dibenzenofuran
Concen: 39.676 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

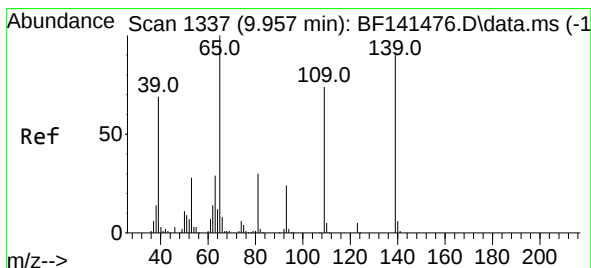
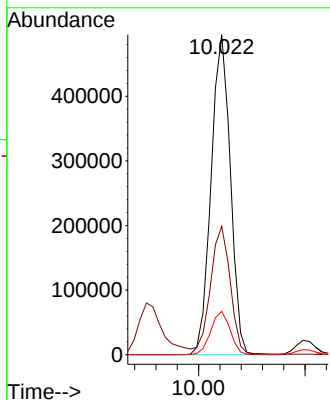
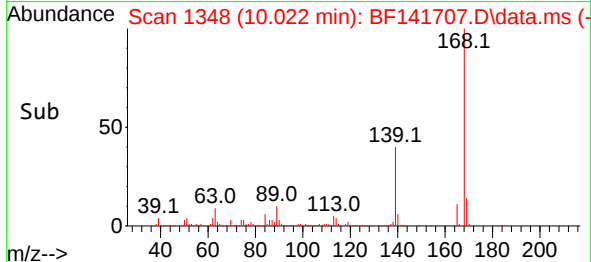
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 61928
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.5 10.8 16.2

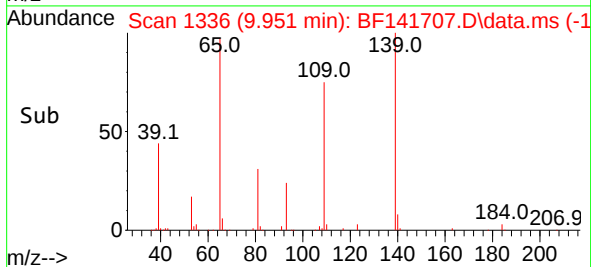
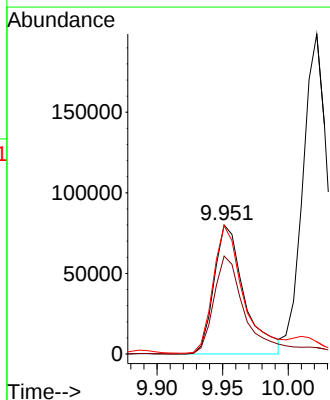
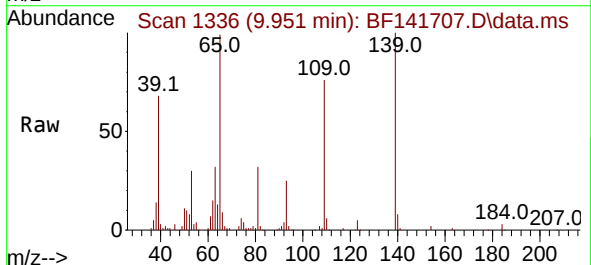
Manual Integrations
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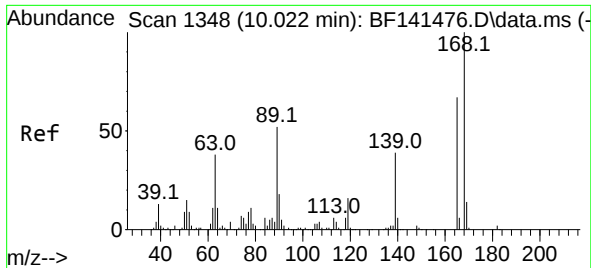
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#56
4-Nitrophenol
Concen: 58.361 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:139 Resp: 128362
Ion Ratio Lower Upper
139 100
109 75.9 62.0 102.0
65 99.5 91.2 131.2





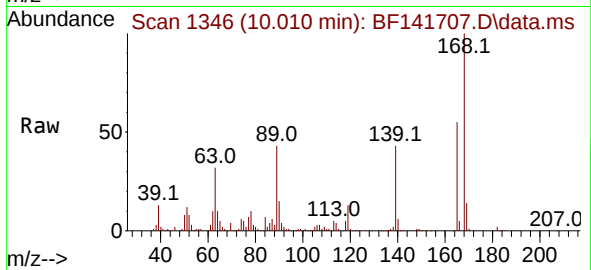
#57
2,4-Dinitrotoluene
Concen: 40.436 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



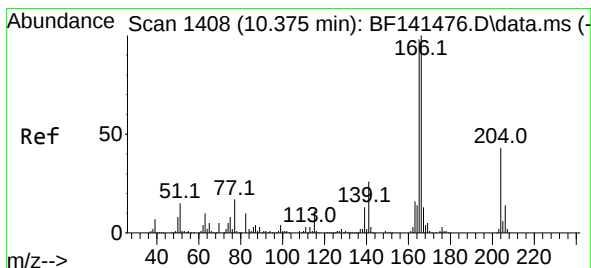
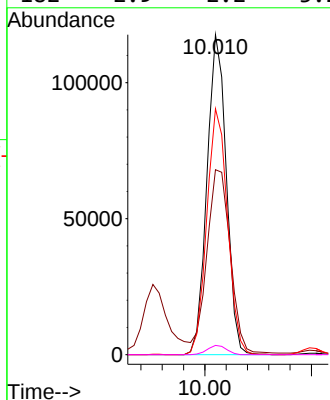
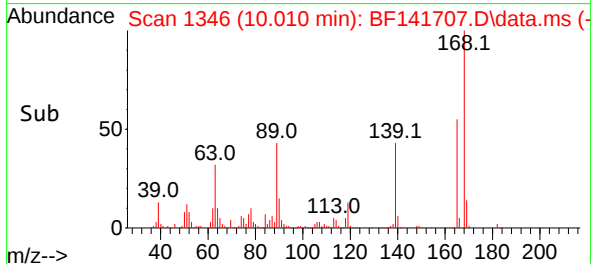
Tgt Ion:165 Resp: 14818
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 76.9 61.8 92.6
182 2.9 2.2 3.2

Manual Integrations

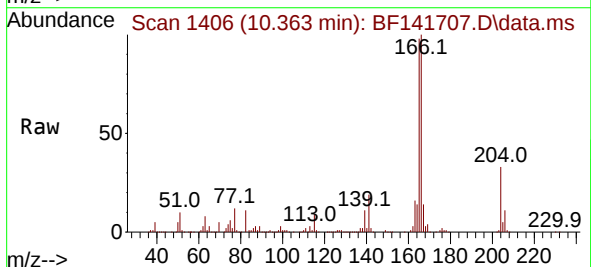
APPROVED

Reviewed By :Rahul Chavli 02/21/2025

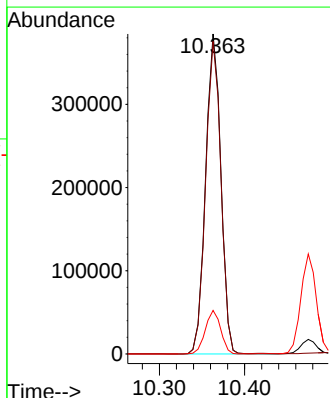
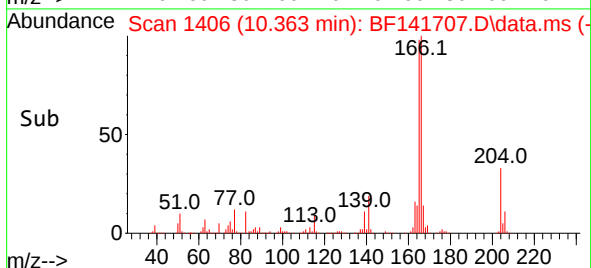
Supervised By :Jagrut Upadhyay 02/21/2025



#58
Fluorene
Concen: 39.706 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



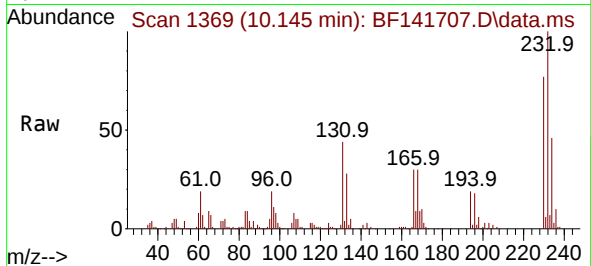
Tgt Ion:166 Resp: 479194
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.303 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

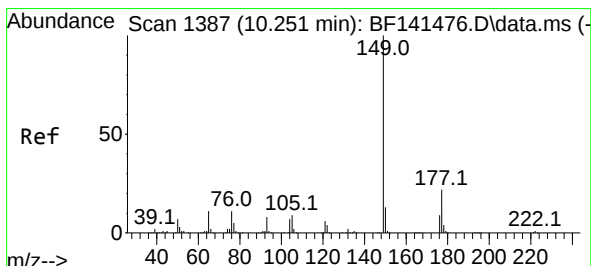
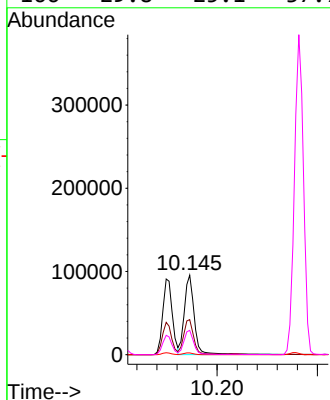
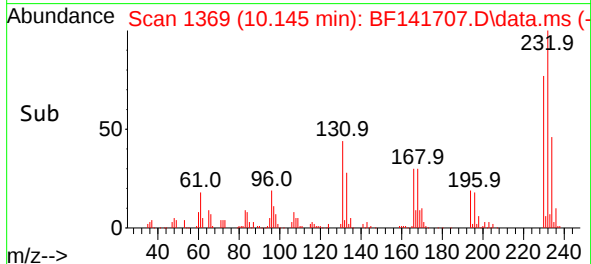
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



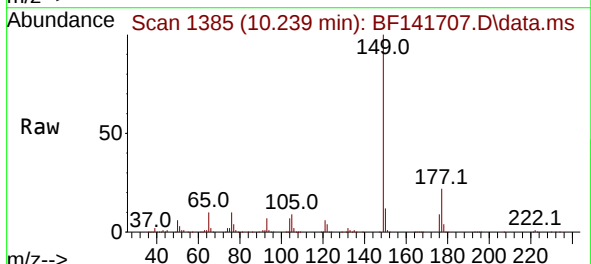
Tgt Ion:232 Resp: 130431
Ion Ratio Lower Upper
232 100
131 44.9 39.2 58.8
130 2.2 2.1 3.1
166 29.8 25.1 37.7

Manual Integrations
APPROVED

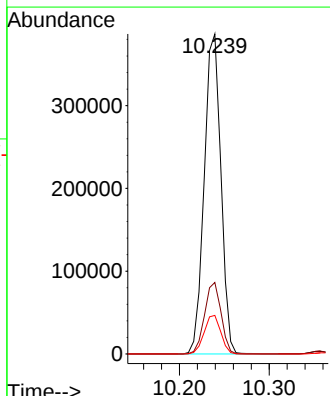
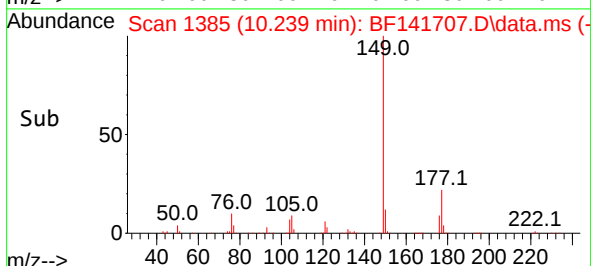
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#60
Diethylphthalate
Concen: 40.216 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



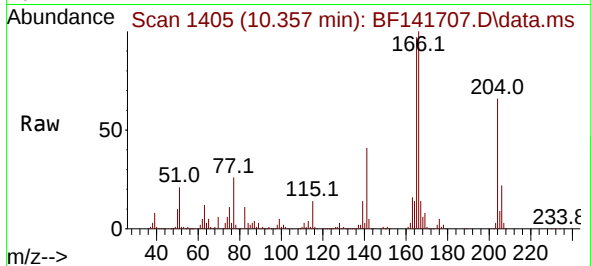
Tgt Ion:149 Resp: 498264
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.461 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

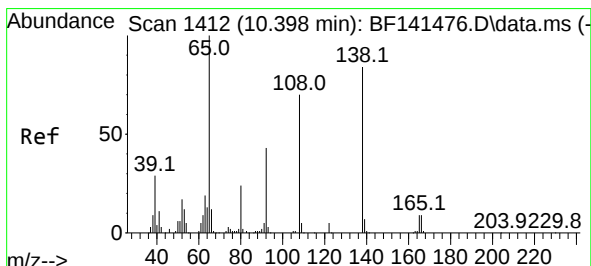
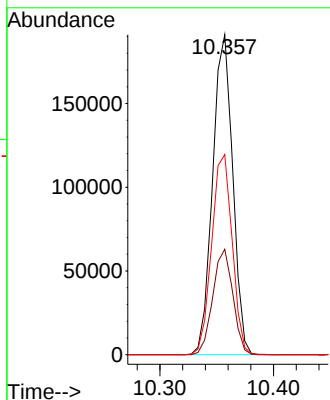
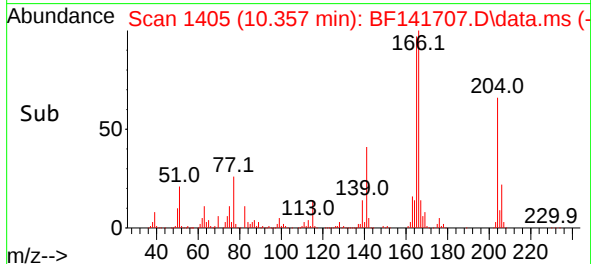
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



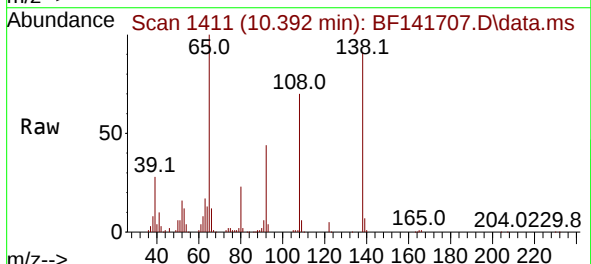
Tgt Ion:204 Resp: 234915
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.5 51.9 77.9

Manual Integrations
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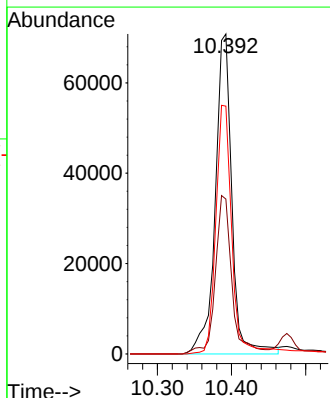
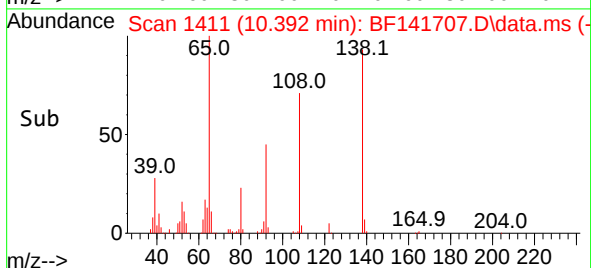
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

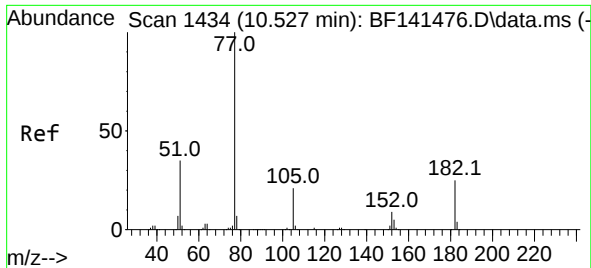


#62
4-Nitroaniline
Concen: 36.727 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



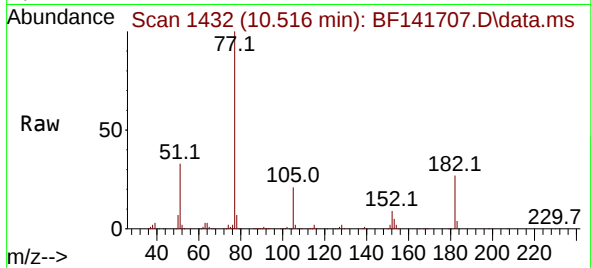
Tgt Ion:138 Resp: 110495
Ion Ratio Lower Upper
138 100
92 48.4 31.3 71.3
108 77.4 63.7 103.7





#63
Azobenzene
Concen: 38.532 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

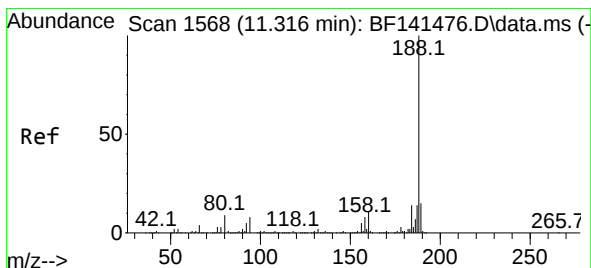
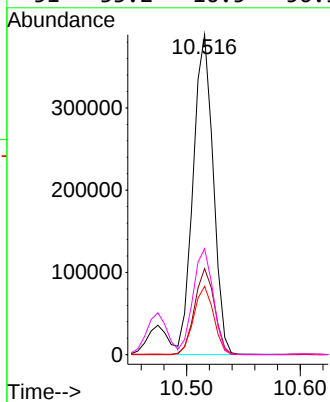
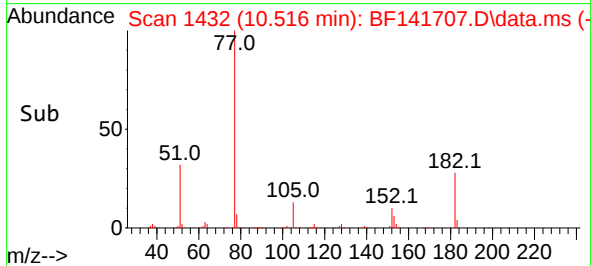
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



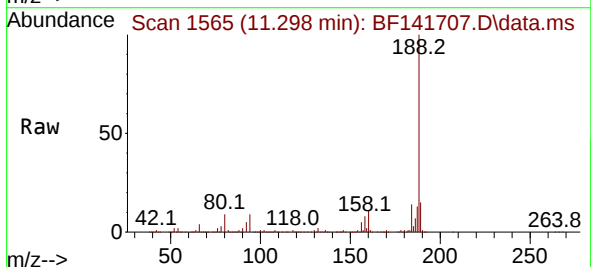
Tgt Ion: 77 Resp: 47459
Ion Ratio Lower Upper
77 100
182 26.9 4.7 44.7
105 21.4 0.4 40.4
51 33.2 16.5 56.5

Manual Integrations
APPROVED

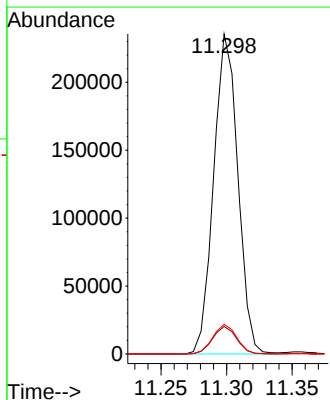
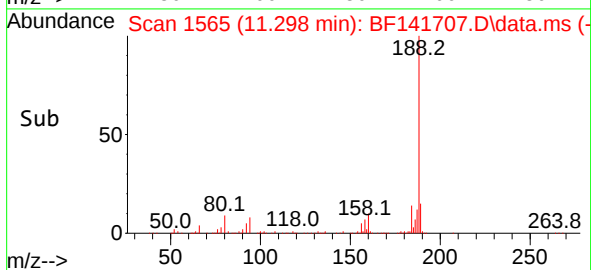
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:188 Resp: 301785
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 7.3 10.9





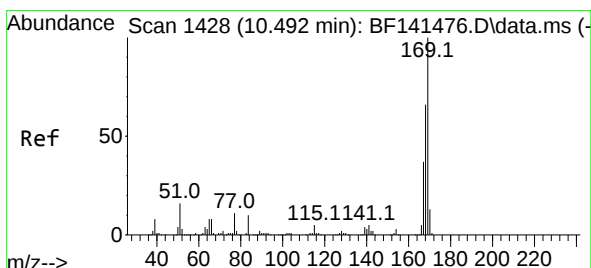
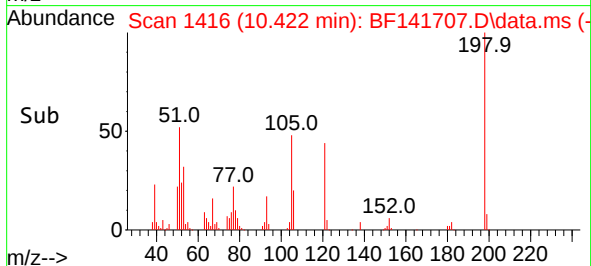
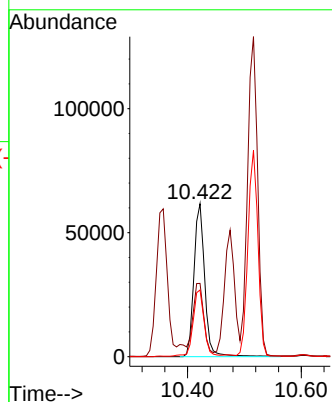
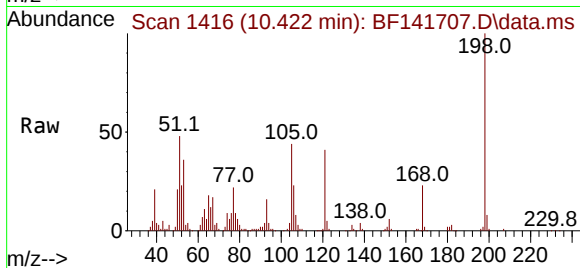
#65
4,6-Dinitro-2-methylphenol
Concen: 39.122 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 8201
Ion Ratio Lower Upper
198 100
51 47.9 37.4 77.4
105 43.7 25.2 65.2

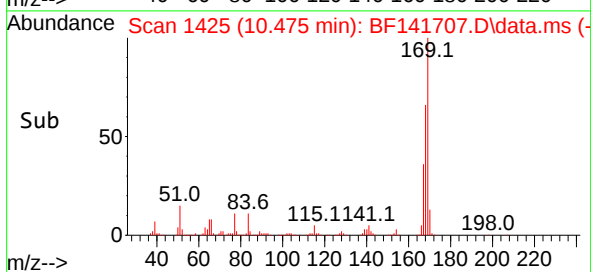
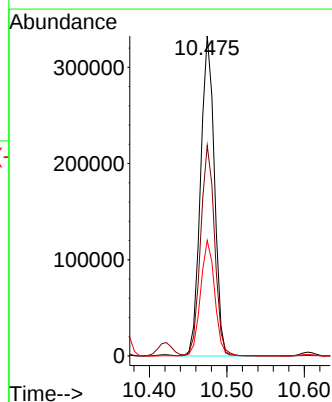
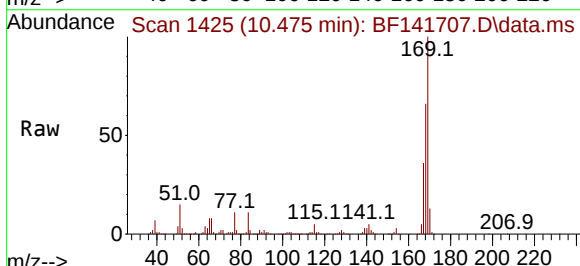
Manual Integrations
APPROVED

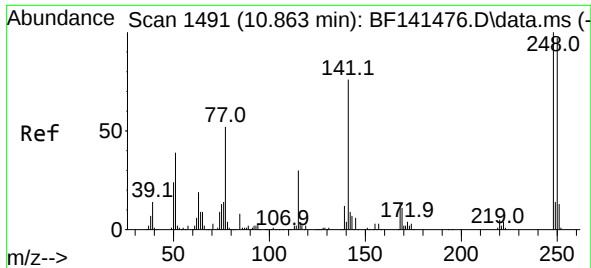
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#66
n-Nitrosodiphenylamine
Concen: 42.691 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

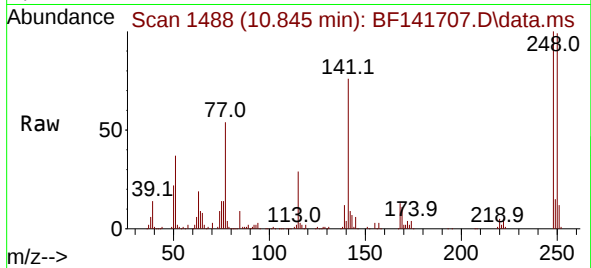
Tgt Ion:169 Resp: 412415
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 36.1 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 41.918 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

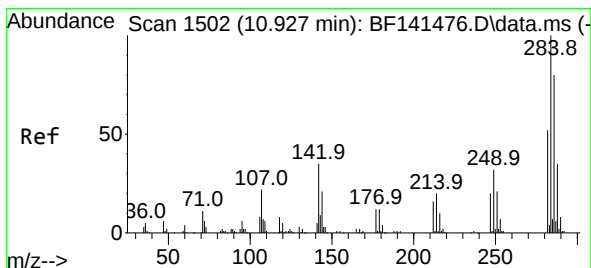
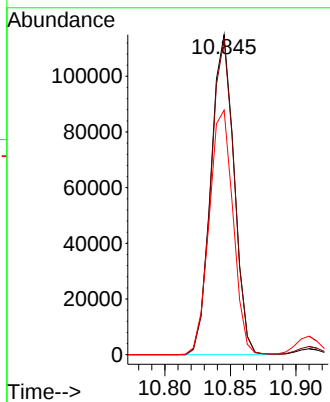
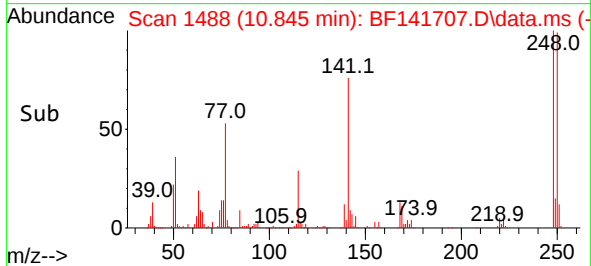
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



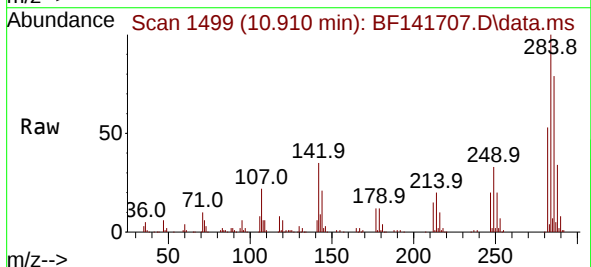
Tgt Ion:248 Resp: 141384
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 76.4 60.6 90.8

Manual Integrations
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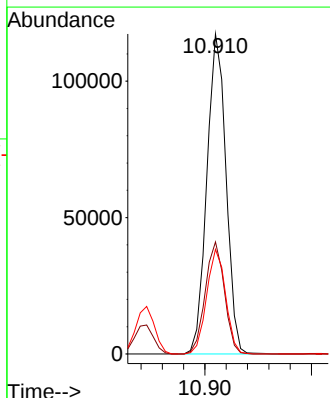
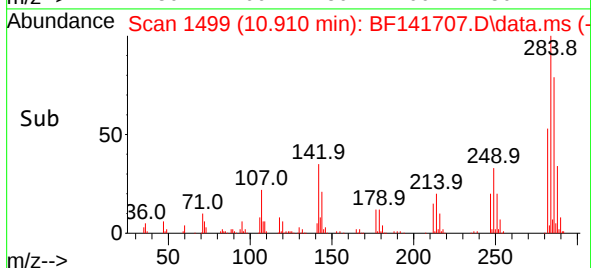
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

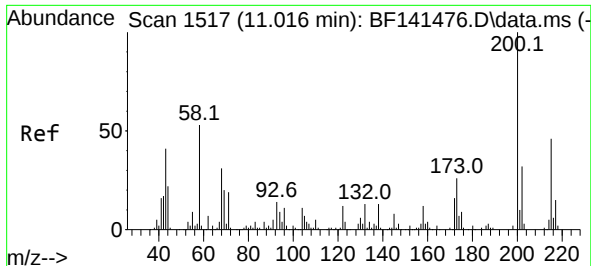


#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



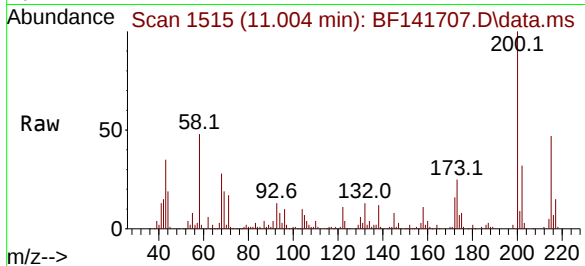
Tgt Ion:284 Resp: 146904
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 32.7 25.8 38.8





#69
Atrazine
Concen: 36.491 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

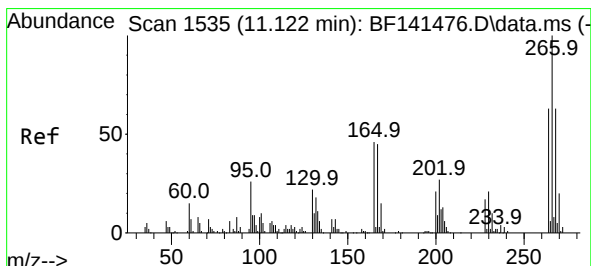
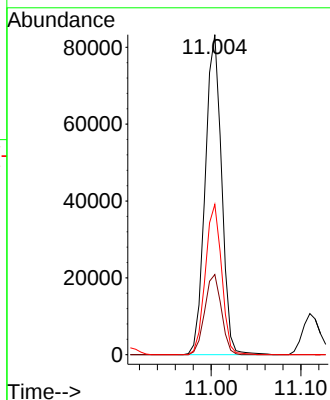
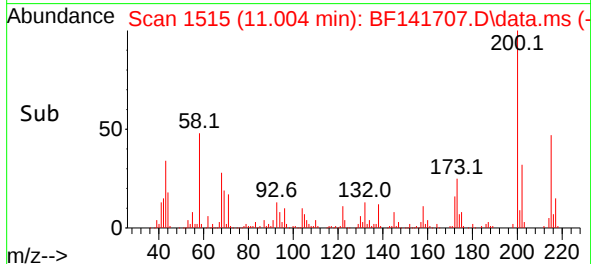
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



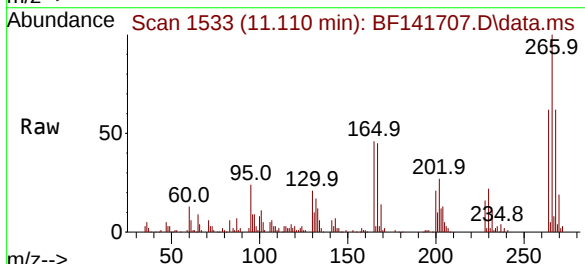
Tgt Ion:200 Resp: 10575
Ion Ratio Lower Upper
200 100
173 25.0 5.9 45.9
215 46.9 25.9 65.9

Manual Integrations
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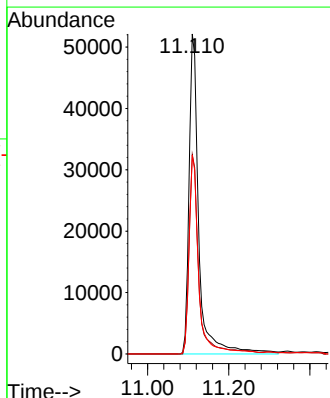
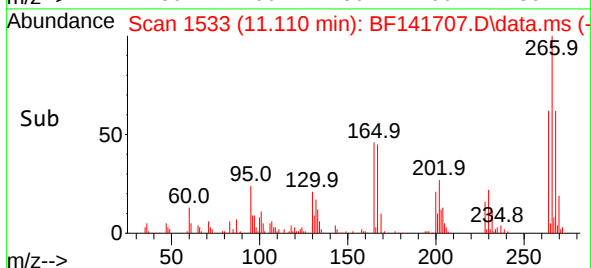
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

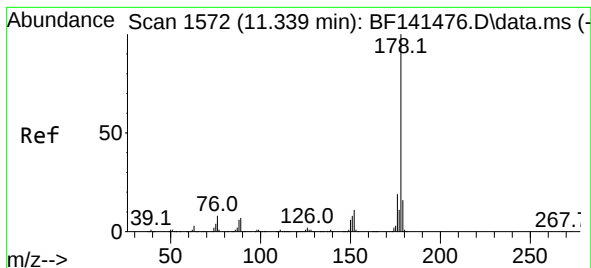


#70
Pentachlorophenol
Concen: 39.252 ng
RT: 11.110 min Scan# 1533
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:266 Resp: 87169
Ion Ratio Lower Upper
266 100
268 62.3 50.1 75.1
264 62.1 50.1 75.1





#71

Phenanthrene

Concen: 40.083 ng

RT: 11.328 min Scan# 1572

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 665850

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

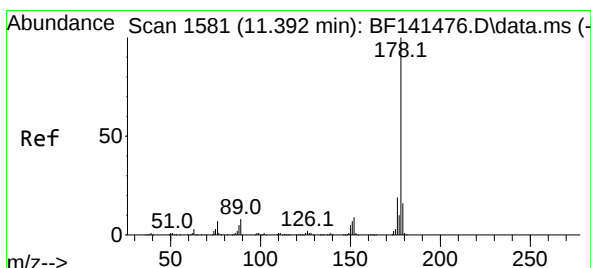
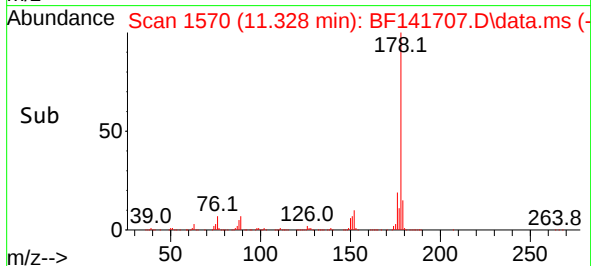
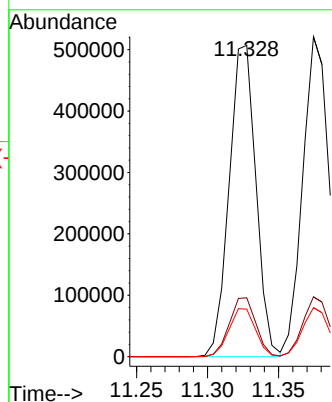
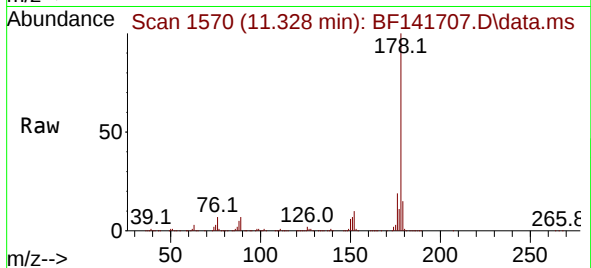
179 15.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#72

Anthracene

Concen: 40.284 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

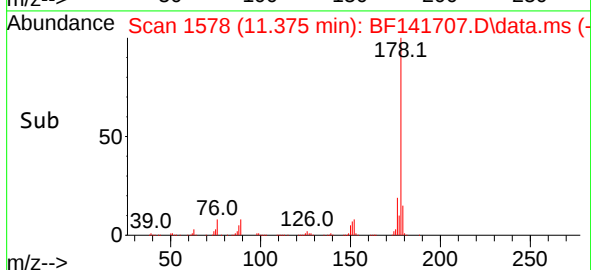
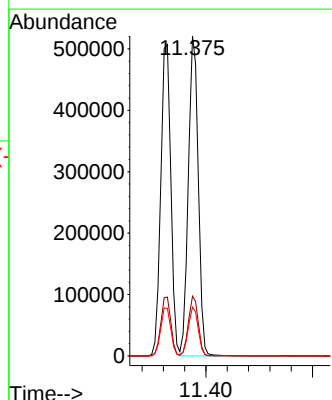
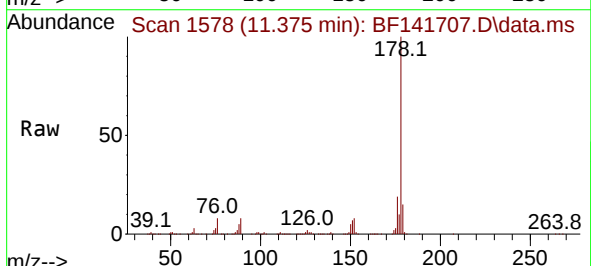
Tgt Ion:178 Resp: 672708

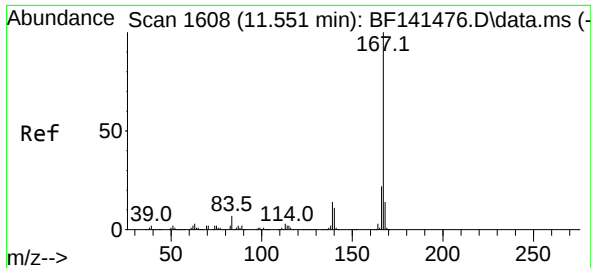
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

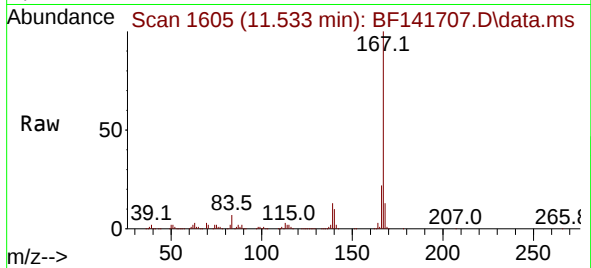
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 39.140 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.017 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09

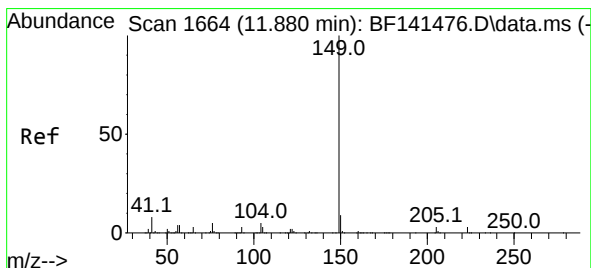
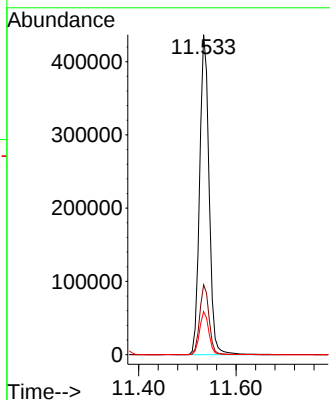
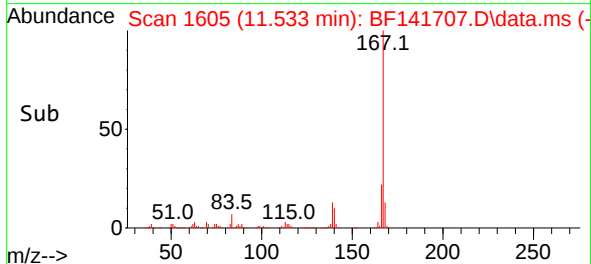
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



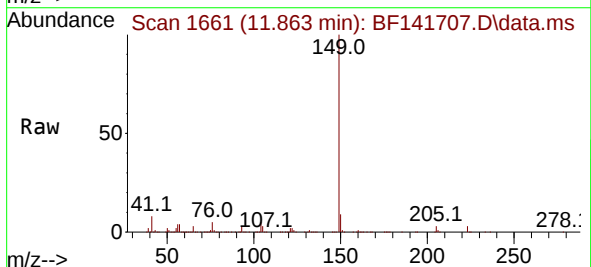
Tgt Ion:167 Resp: 58810
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.4 10.9 16.3

Manual Integrations
 APPROVED

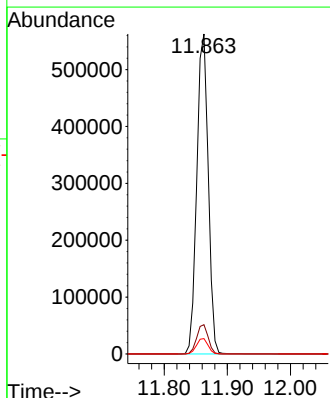
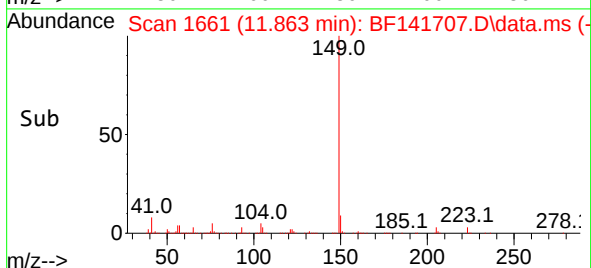
Reviewed By :Rahul Chavli 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025

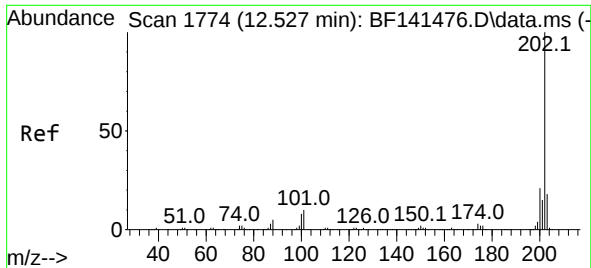


#74
 Di-n-butylphthalate
 Concen: 40.647 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.017 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09



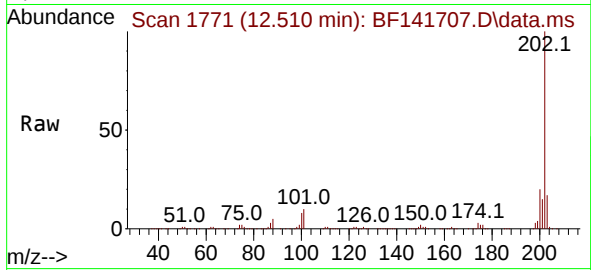
Tgt Ion:149 Resp: 705215
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 37.569 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

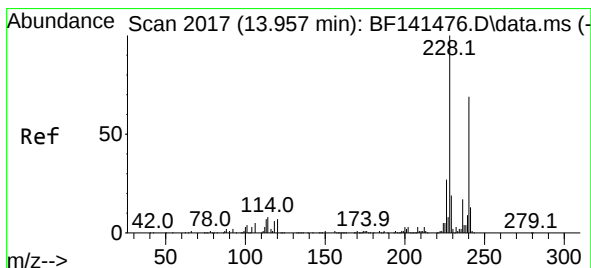
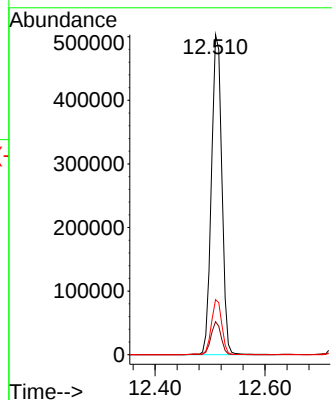
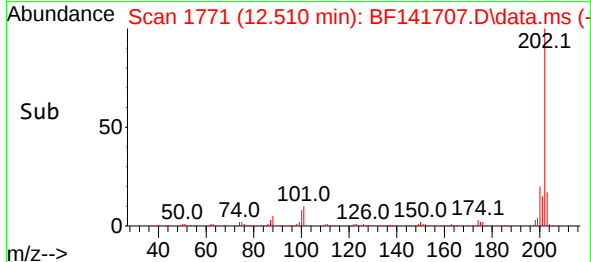
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 661652
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.2 0.0 37.6

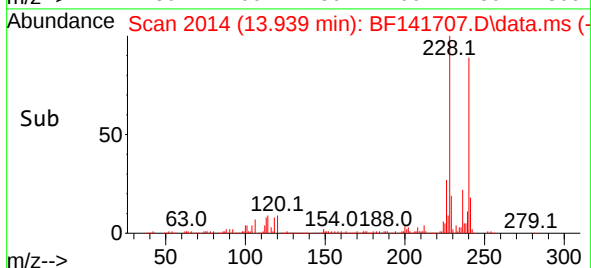
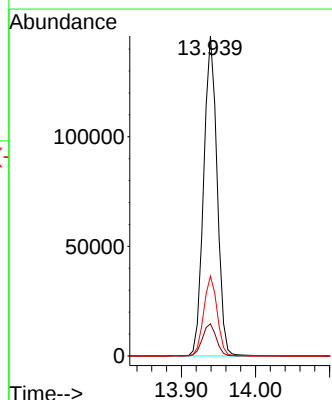
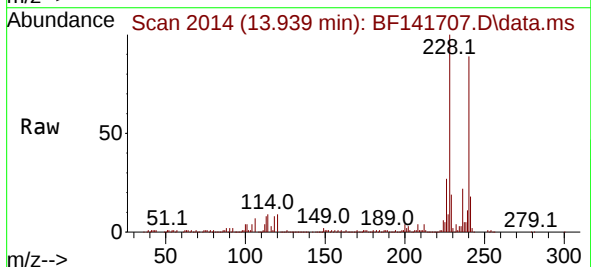
Manual Integrations
APPROVED

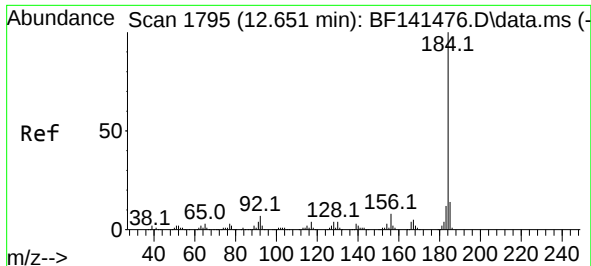
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

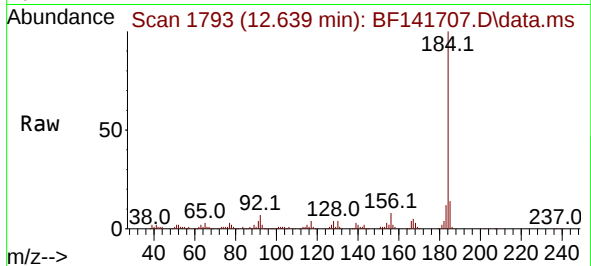
Tgt Ion:240 Resp: 183935
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.9 19.8 29.8





#77
Benzidine
Concen: 45.009 ng
RT: 12.639 min Scan# 1810
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

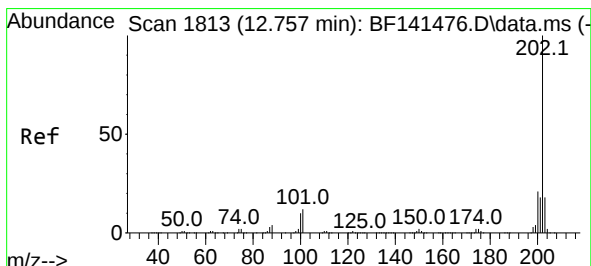
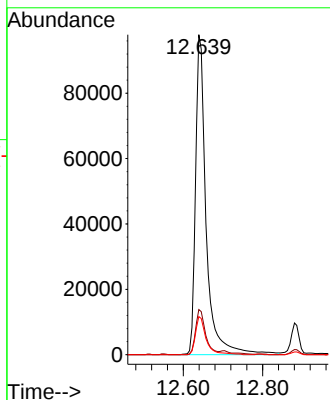
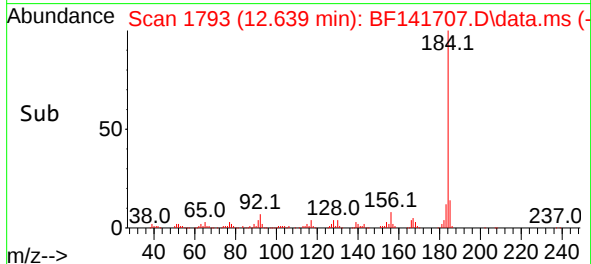
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



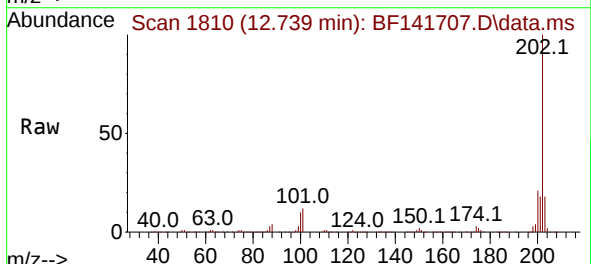
Tgt Ion:184 Resp: 182580
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.9 9.3 13.9

Manual Integrations
APPROVED

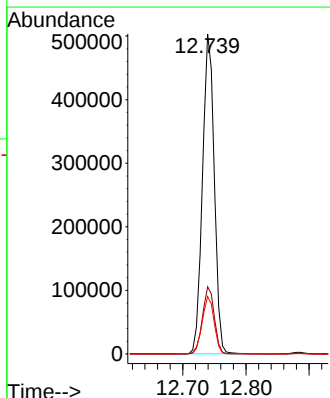
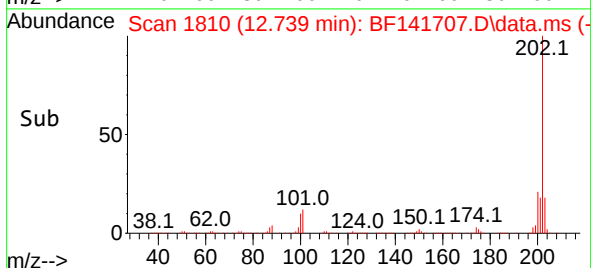
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#78
Pyrene
Concen: 41.757 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:202 Resp: 653830
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 83.229 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141707.D

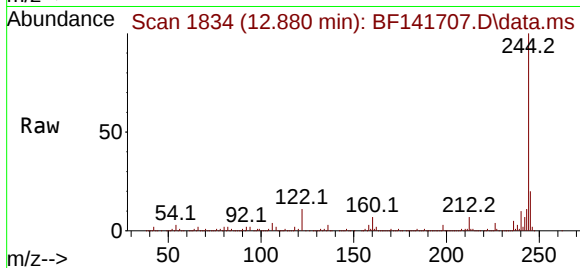
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



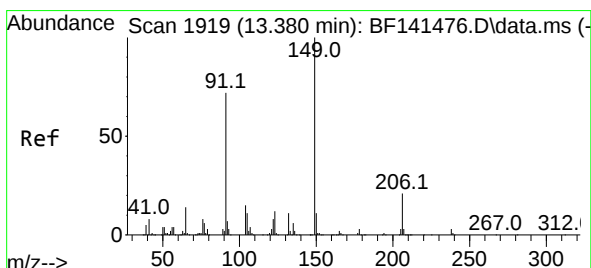
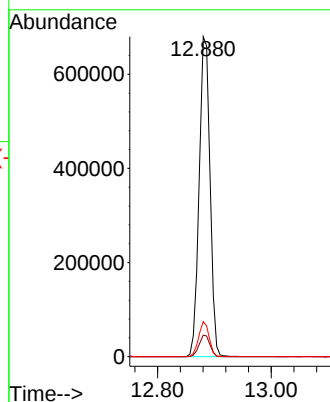
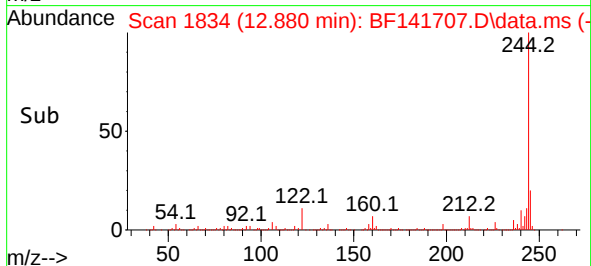
Tgt Ion:	244	Resp:	90682
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	11.0	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#80

Butylbenzylphthalate

Concen: 42.347 ng

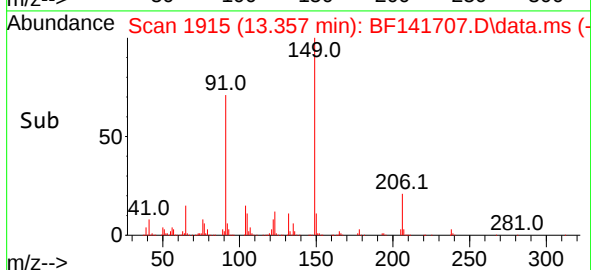
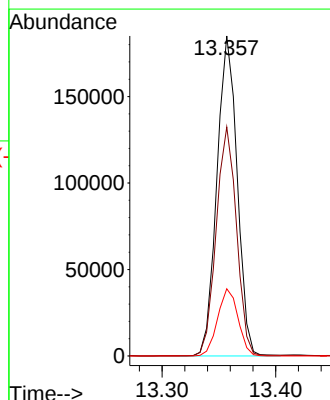
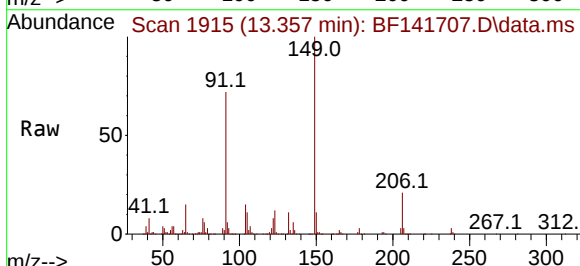
RT: 13.357 min Scan# 1915

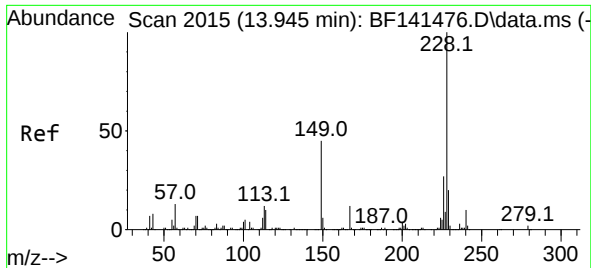
Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion:	149	Resp:	229665
Ion Ratio	Lower	Upper	
149	100		
91	71.5	57.8	86.8
206	21.0	16.7	25.1





#81
Benzo(a)anthracene
Concen: 39.381 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

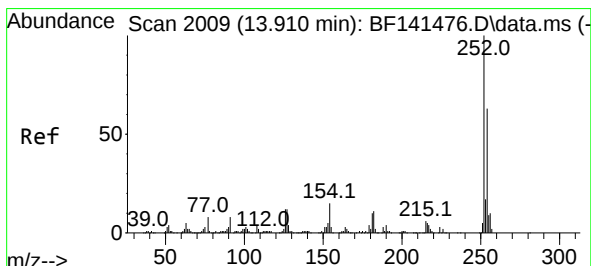
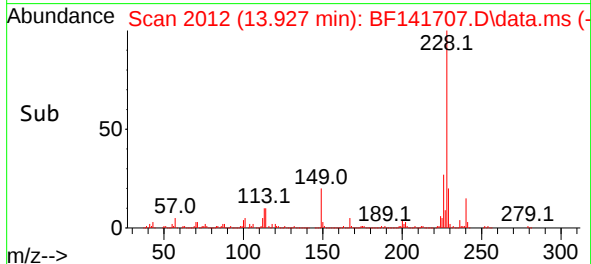
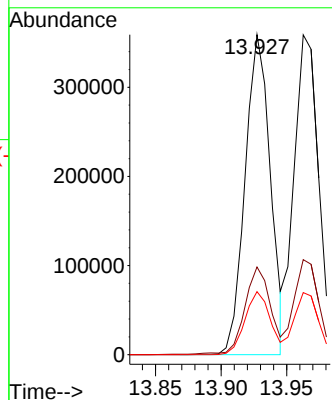
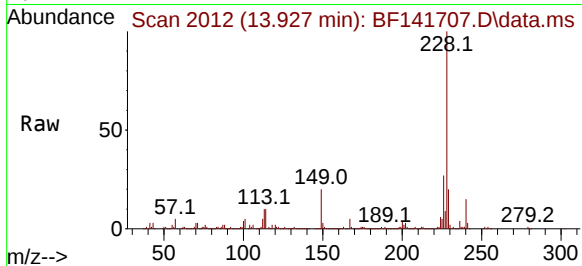
SSTDCCC040EC

Tgt Ion:228 Resp: 48150
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

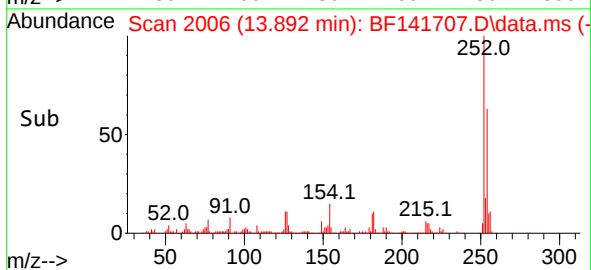
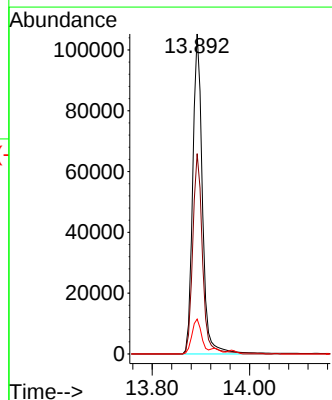
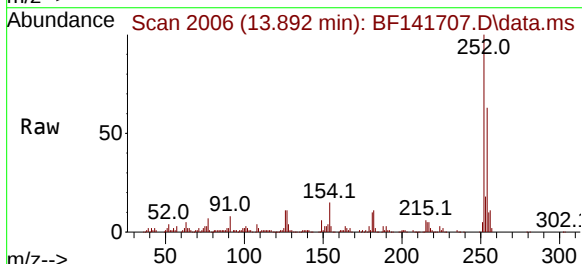
APPROVED

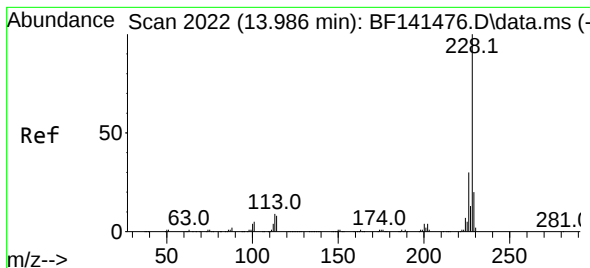
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.708 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:252 Resp: 146078
Ion Ratio Lower Upper
252 100
254 62.6 50.6 76.0
126 10.9 9.3 13.9





#83

Chrysene

Concen: 41.339 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.029 min

Lab File: BF141707.D

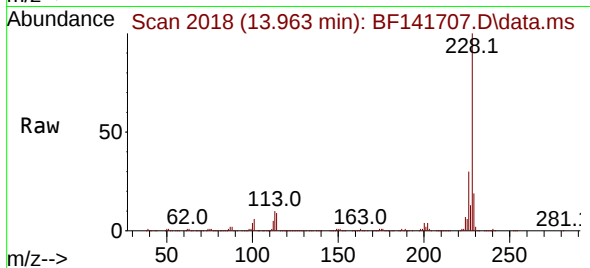
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:228 Resp: 46670

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

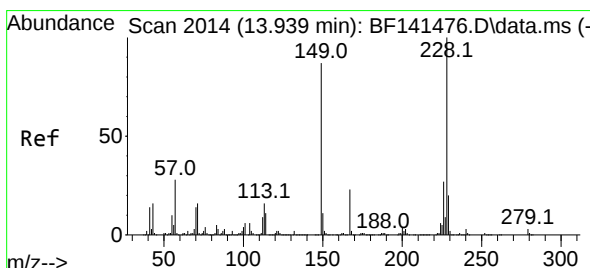
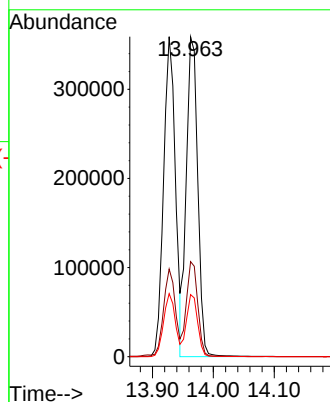
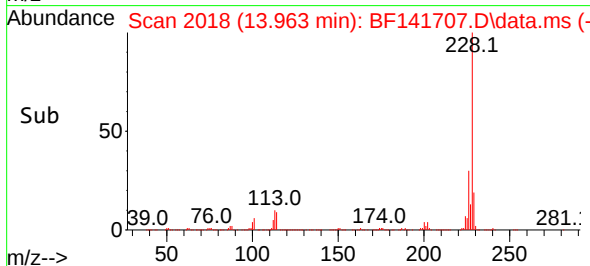
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.787 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

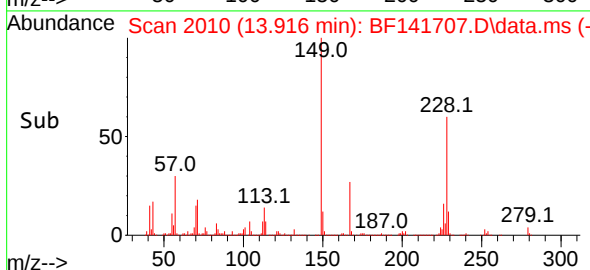
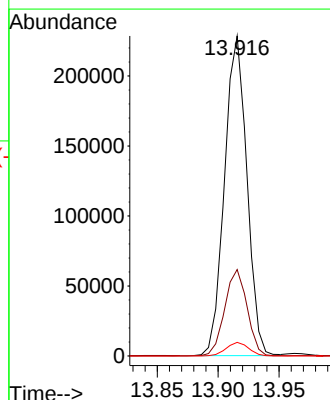
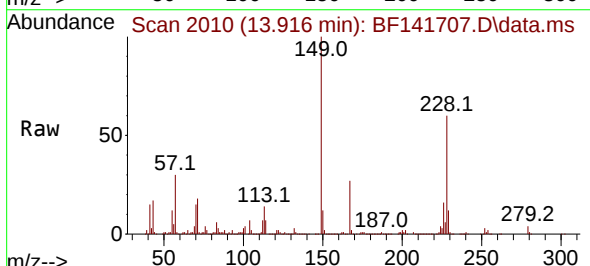
Tgt Ion:149 Resp: 292300

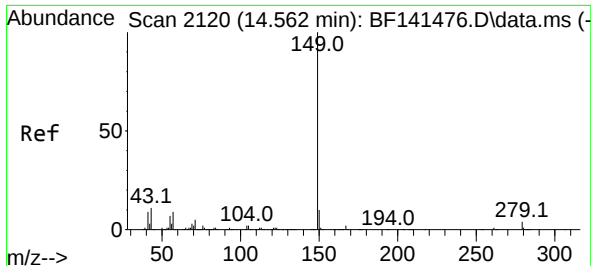
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

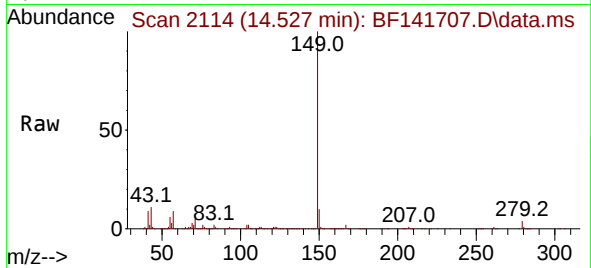
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.451 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

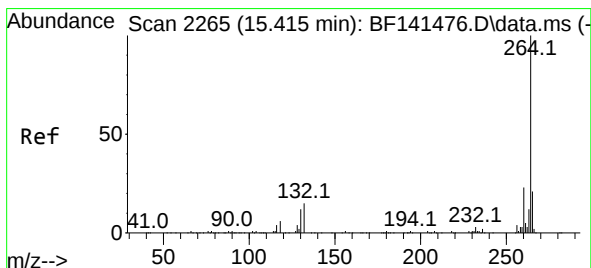
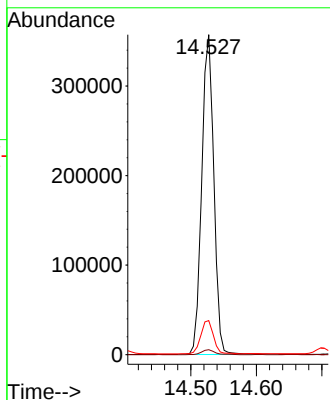
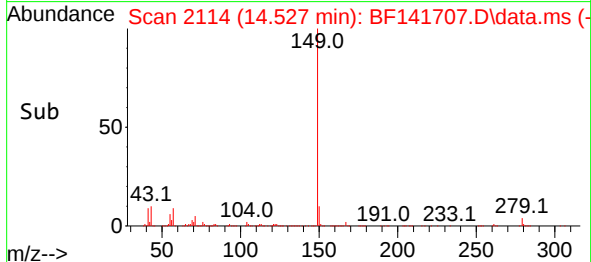
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



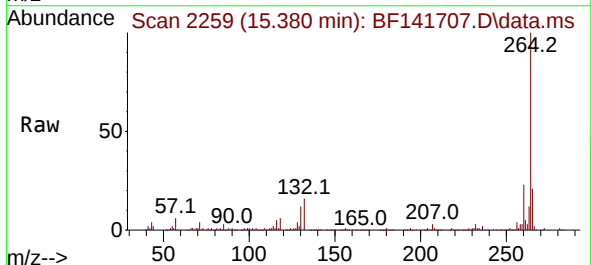
Tgt Ion:149 Resp: 457690
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 9.5 14.3

Manual Integrations
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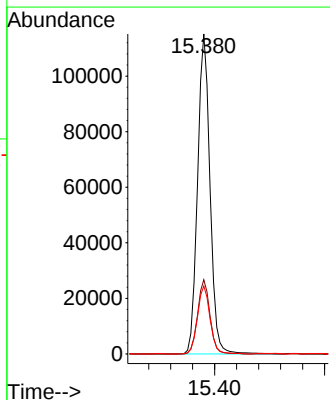
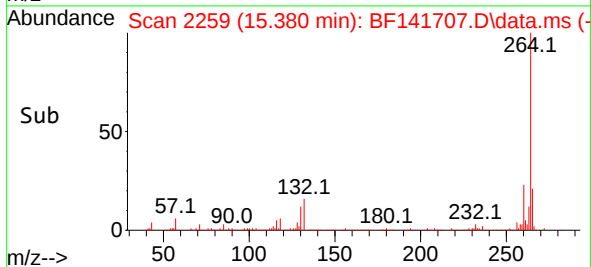
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:264 Resp: 180639
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.757 ng

RT: 16.815 min Scan# 2188

Delta R.T. -0.059 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 48839

Ion Ratio Lower Upper

276 100

138 23.5 18.0 27.0

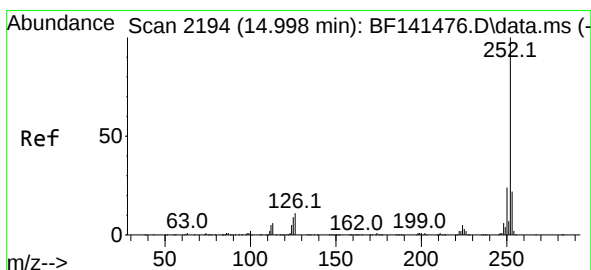
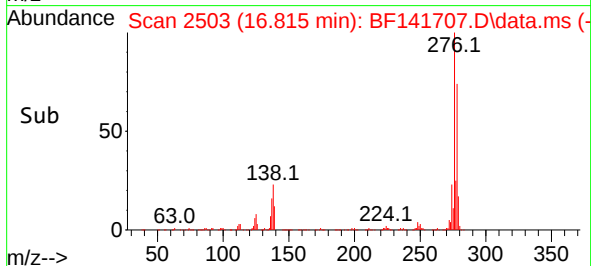
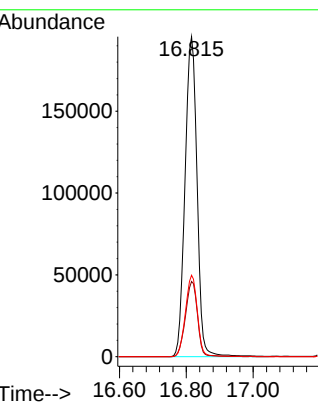
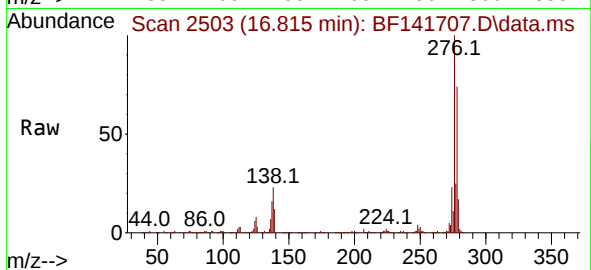
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#88

Benzo(b)fluoranthene

Concen: 40.759 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

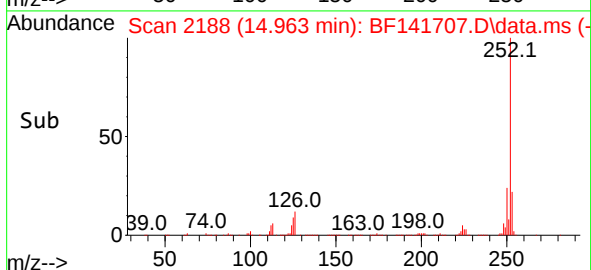
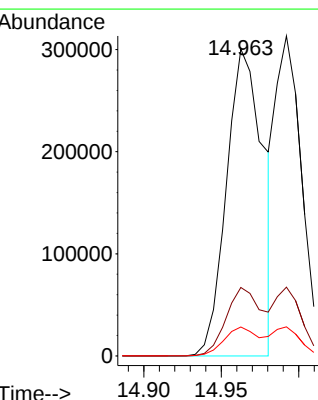
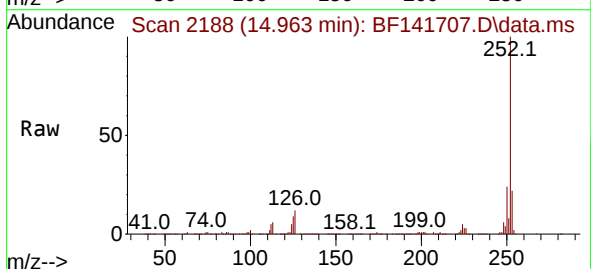
Tgt Ion:252 Resp: 494368

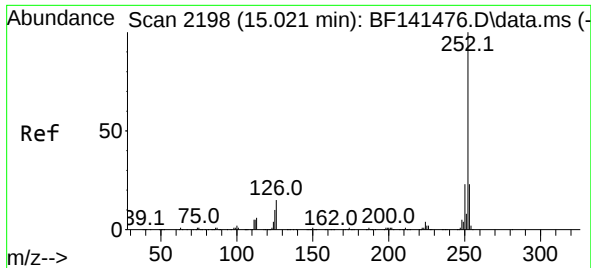
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 35.898 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

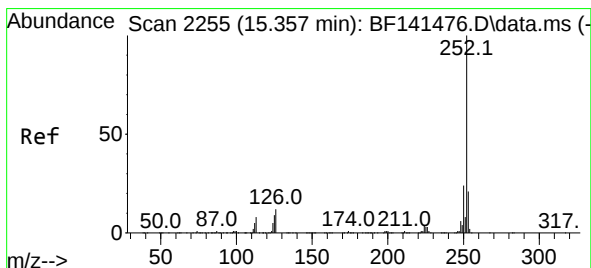
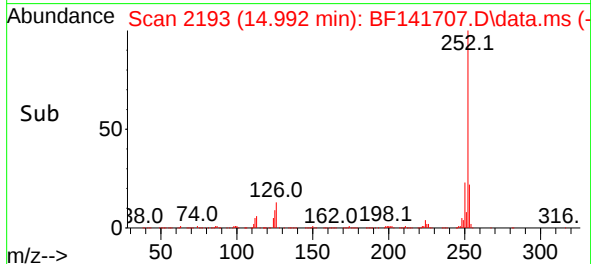
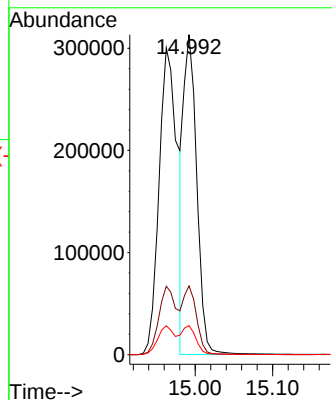
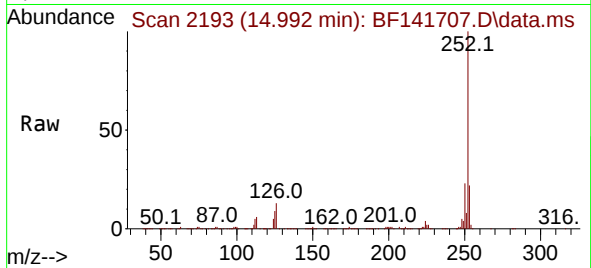
SSTDCCC040EC

Tgt Ion:252 Resp: 371790
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 9.1 7.4 11.0

Manual Integrations

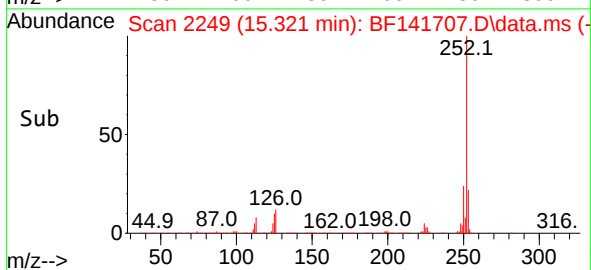
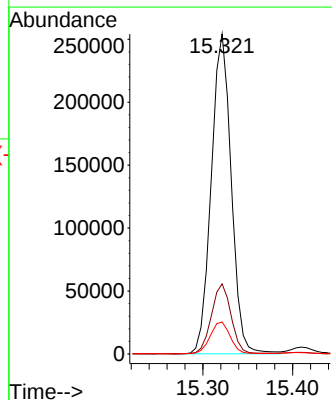
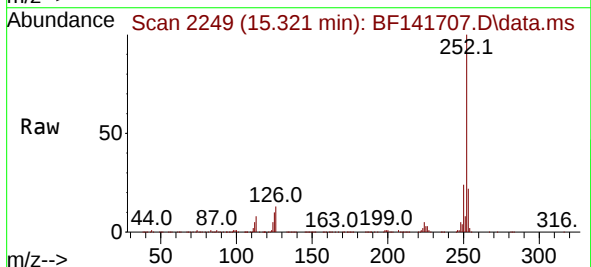
APPROVED

Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#90
Benzo(a)pyrene
Concen: 39.976 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:252 Resp: 392343
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.0 7.4 11.2





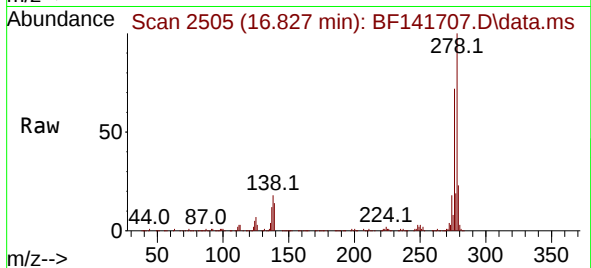
#91
Dibenzo(a,h)anthracene
Concen: 43.788 ng
RT: 16.827 min Scan# 2505
Delta R.T. -0.064 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

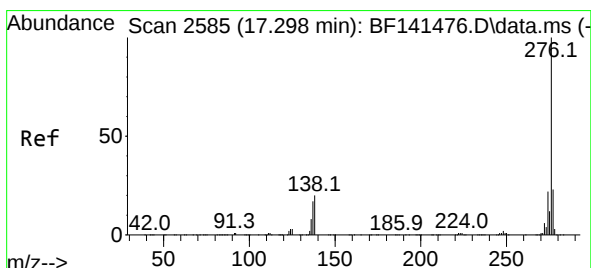
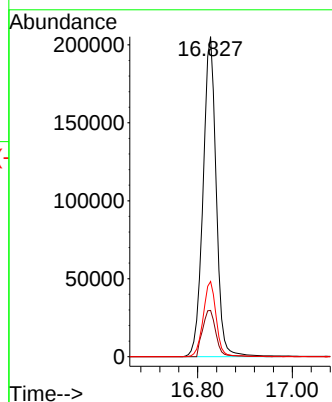
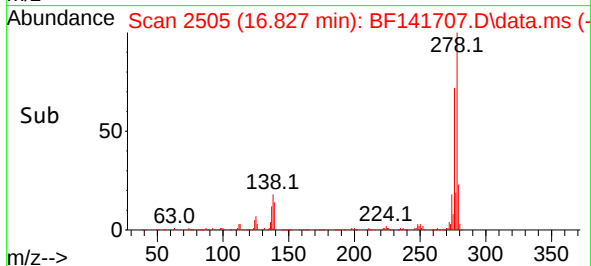


Tgt Ion:278 Resp: 39601
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.5 19.1 28.7

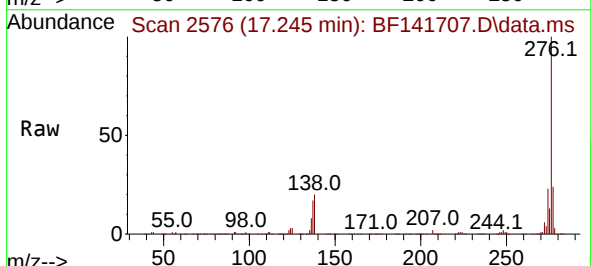
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#92
Benzo(g,h,i)perylene
Concen: 44.154 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.070 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09



Tgt Ion:276 Resp: 417878
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 19.9 15.9 23.9

