

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141699.D
 Acq On : 20 Feb 2025 13:03
 Operator : RC/JU
 Sample : PB166776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 20 13:27:13 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	87175	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332694	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	173693	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	269657	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173634	20.000	ng	-0.02
86) Perylene-d12	15.380	264	176994	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	725311	130.439	ng	0.00
7) Phenol-d6	6.428	99	867946	123.497	ng	-0.01
23) Nitrobenzene-d5	7.345	82	564292	88.467	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	221575	126.990	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1060752	94.088	ng	-0.02
79) Terphenyl-d14	12.880	244	988676	96.125	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	94420	42.190	ng	97
3) Pyridine	3.310	79	218595	41.046	ng	94
4) n-Nitrosodimethylamine	3.257	42	138147	39.176	ng	91
6) Aniline	6.445	93	222770	33.791	ng	90
8) 2-Chlorophenol	6.569	128	261379	43.502	ng	99
9) Benzaldehyde	6.334	77	115962	31.050	ng	95
10) Phenol	6.440	94	305550	41.771	ng	95
11) bis(2-Chloroethyl)ether	6.516	93	242719	44.177	ng	100
12) 1,3-Dichlorobenzene	6.722	146	277228	43.705	ng	97
13) 1,4-Dichlorobenzene	6.798	146	280508	43.282	ng	99
14) 1,2-Dichlorobenzene	6.951	146	267644	44.496	ng	99
15) Benzyl Alcohol	6.928	79	216278	40.130	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	376314	40.012	ng	81
17) 2-Methylphenol	7.045	107	200728	42.691	ng	97
18) Hexachloroethane	7.287	117	104391	43.523	ng	99
19) n-Nitroso-di-n-propyla...	7.192	70	175045	41.639	ng	95
20) 3+4-Methylphenols	7.198	107	257675	43.122	ng	92
22) Acetophenone	7.192	105	396112	47.863	ng	95
24) Nitrobenzene	7.363	77	268663	43.194	ng	100
25) Isophorone	7.604	82	469107	46.125	ng	99
26) 2-Nitrophenol	7.681	139	135380	43.749	ng	95
27) 2,4-Dimethylphenol	7.722	122	203384	56.260	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	290525	44.579	ng	99
29) 2,4-Dichlorophenol	7.928	162	213890	43.790	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	234145	44.020	ng	99
31) Naphthalene	8.081	128	737197	42.568	ng	100
32) Benzoic acid	7.863	122	144901m	38.589	ng	
33) 4-Chloroaniline	8.139	127	72372	11.970	ng	98
34) Hexachlorobutadiene	8.198	225	141446	44.296	ng	99
35) Caprolactam	8.504	113	69185m	46.521	ng	
36) 4-Chloro-3-methylphenol	8.628	107	225834	41.740	ng	100
37) 2-Methylnaphthalene	8.775	142	463695	41.146	ng	100
38) 1-Methylnaphthalene	8.875	142	452758	41.481	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	251455	50.039	ng	99
41) Hexachlorocyclopentadiene	8.922	237	229243	137.156	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	144254	44.416	ng	100

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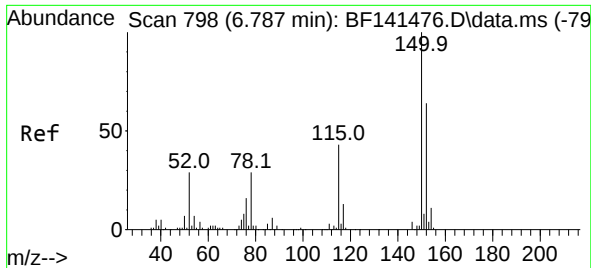
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	152557	43.341	ng	97
46) 1,1'-Biphenyl	9.239	154	660188	49.026	ng	100
47) 2-Chloronaphthalene	9.263	162	452576	45.450	ng	98
48) 2-Nitroaniline	9.363	65	142181	42.546	ng	97
49) Acenaphthylene	9.675	152	683006	46.115	ng	100
50) Dimethylphthalate	9.539	163	524971	44.521	ng	100
51) 2,6-Dinitrotoluene	9.604	165	115137	44.666	ng	97
52) Acenaphthene	9.845	154	429158	43.100	ng	100
53) 3-Nitroaniline	9.775	138	63575	22.915	ng	96
54) 2,4-Dinitrophenol	9.892	184	111864	73.018	ng	88
55) Dibenzofuran	10.022	168	607831	41.588	ng	99
56) 4-Nitrophenol	9.951	139	148950	72.322	ng	97
57) 2,4-Dinitrotoluene	10.010	165	150374	43.821	ng	99
58) Fluorene	10.363	166	479871	42.464	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	127160	41.961	ng	95
60) Diethylphthalate	10.239	149	494002	42.581	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	238542	43.877	ng	97
62) 4-Nitroaniline	10.392	138	105249	37.360	ng	97
63) Azobenzene	10.516	77	470068	40.757	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	73351	39.159	ng	94
66) n-Nitrosodiphenylamine	10.475	169	416264	48.223	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	144158	47.833	ng	100
68) Hexachlorobenzene	10.910	284	151735	48.894	ng	99
69) Atrazine	11.004	200	152819	59.012	ng	99
70) Pentachlorophenol	11.110	266	135174	68.120	ng	99
71) Phenanthrene	11.322	178	682726	45.995	ng	100
72) Anthracene	11.375	178	697815	46.767	ng	99
73) Carbazole	11.533	167	574394	42.782	ng	99
74) Di-n-butylphthalate	11.863	149	693026	44.704	ng	100
75) Fluoranthene	12.510	202	649928	41.300	ng	100
77) Benzidine	12.639	184	172502	45.047	ng	99
78) Pyrene	12.739	202	639725	43.280	ng	99
80) Butylbenzylphthalate	13.357	149	234796	45.861	ng	98
81) Benzo(a)anthracene	13.927	228	516958	44.789	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	116901	35.357	ng	100
83) Chrysene	13.963	228	481985	45.226	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	303987	52.646	ng	100
85) Di-n-octyl phthalate	14.527	149	484777	58.851	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	534394	48.864	ng	99
88) Benzo(b)fluoranthene	14.963	252	480528	40.434	ng	99
89) Benzo(k)fluoranthene	14.992	252	475753	46.881	ng	99
90) Benzo(a)pyrene	15.315	252	463704	48.220	ng	98
91) Dibenzo(a,h)anthracene	16.821	278	429886	48.511	ng	99
92) Benzo(g,h,i)perylene	17.239	276	412214	44.452	ng	99

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



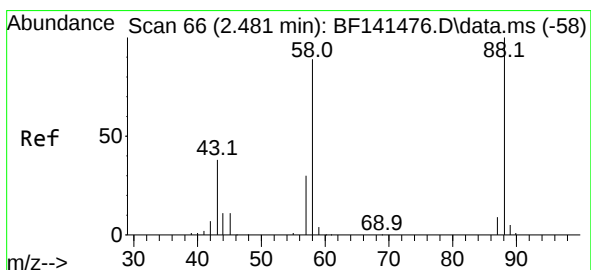
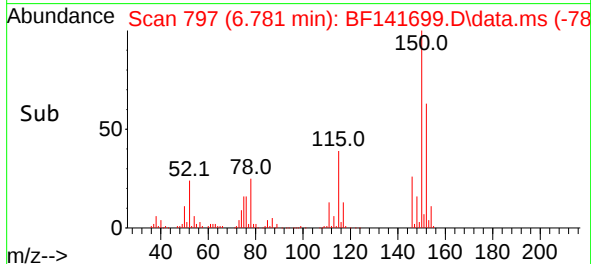
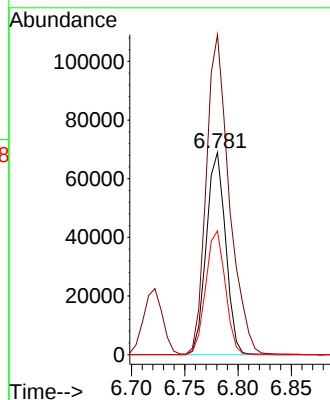
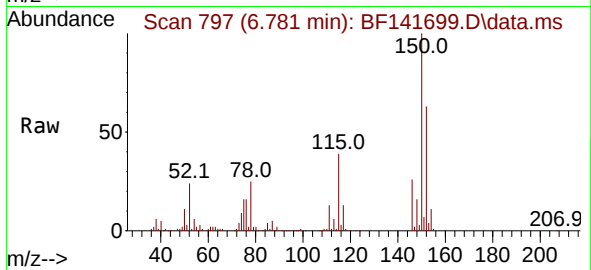
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:152 Resp: 8717
Ion Ratio Lower Upper
152 100
150 158.3 125.0 187.4
115 61.2 53.6 80.4

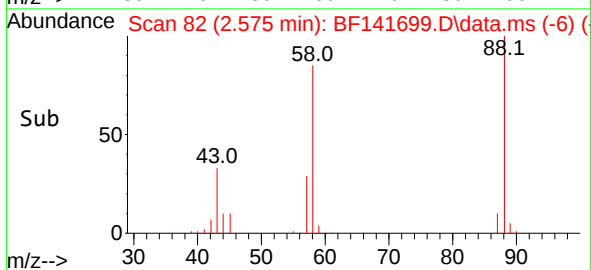
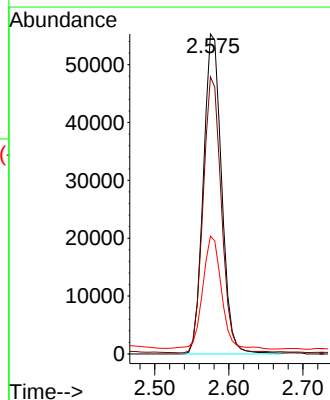
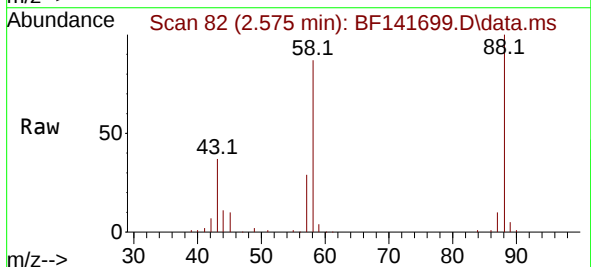
Manual Integrations
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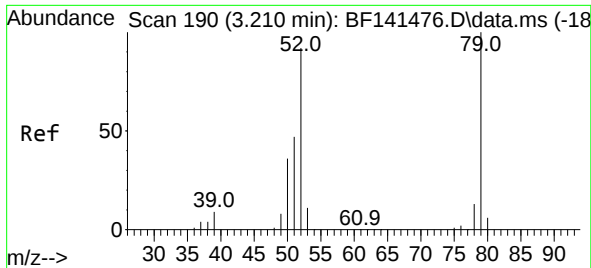
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#2
1,4-Dioxane
Concen: 42.190 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.094 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

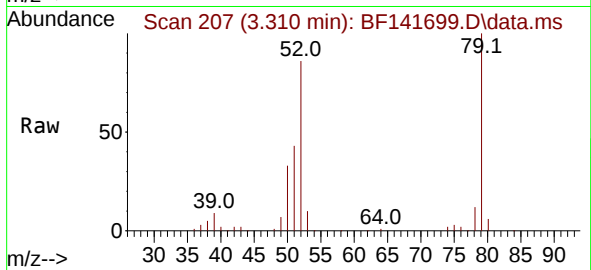
Tgt Ion: 88 Resp: 94420
Ion Ratio Lower Upper
88 100
58 86.5 71.1 106.7
43 36.3 30.6 46.0





#3
Pyridine
Concen: 41.046 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

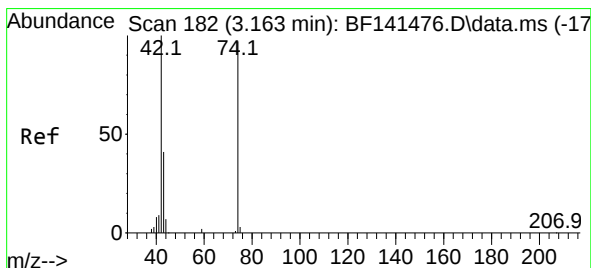
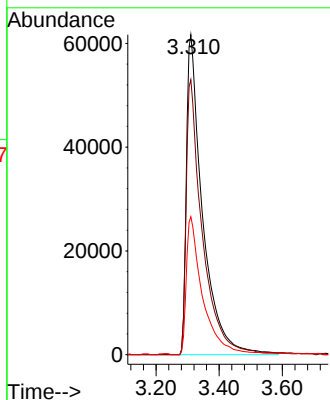
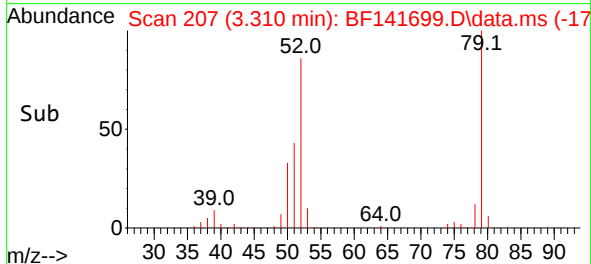
Instrument :
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PB166776BS



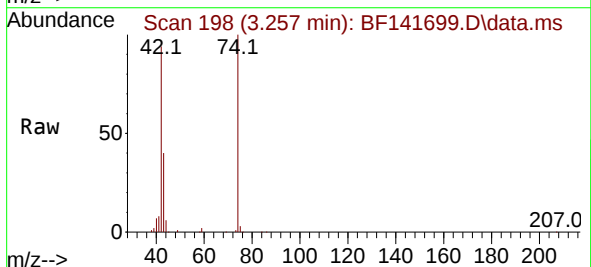
Tgt Ion: 79 Resp: 21859
Ion Ratio Lower Upper
79 100
52 86.0 73.7 110.5
51 43.1 37.5 56.3

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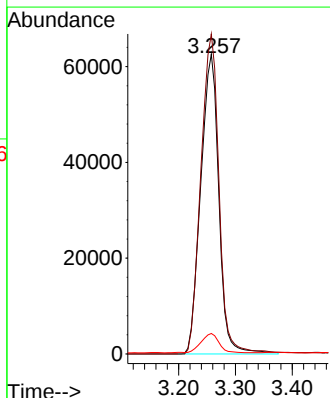
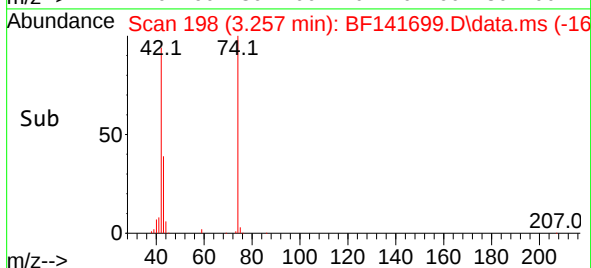
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#4
n-Nitrosodimethylamine
Concen: 39.176 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



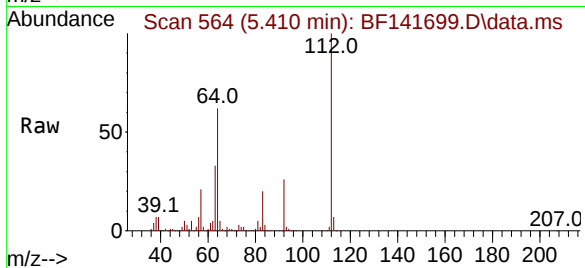
Tgt Ion: 42 Resp: 138147
Ion Ratio Lower Upper
42 100
74 106.7 78.0 117.0
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 130.439 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

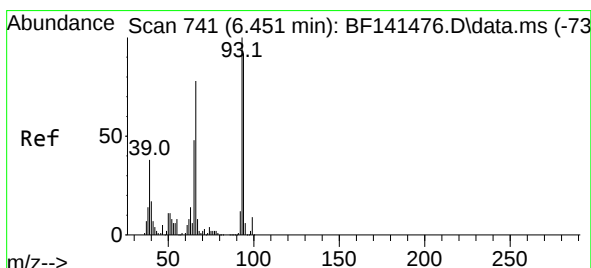
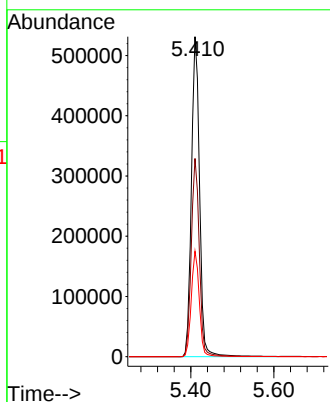
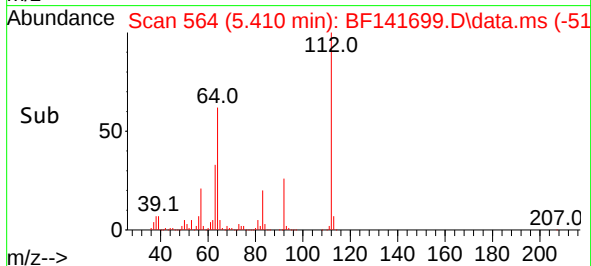
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:112 Resp: 72531
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 33.0 28.4 42.6

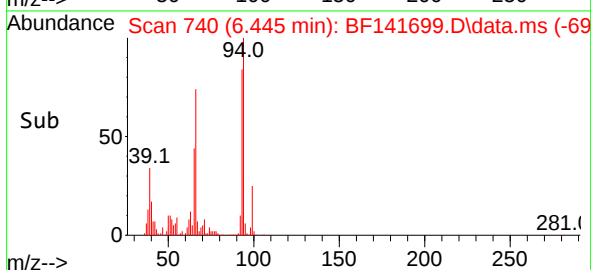
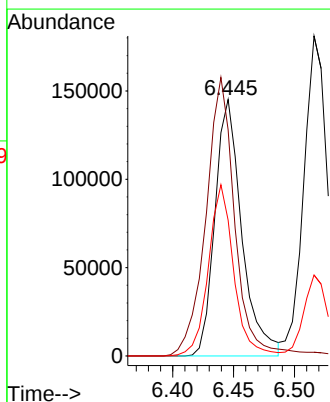
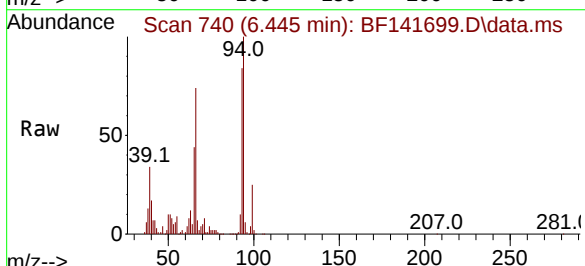
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Supervised By :Jagrut Upadhyay 02/21/2025



#6
Aniline
Concen: 33.791 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

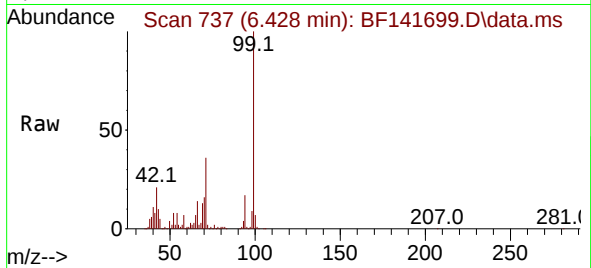
Tgt Ion: 93 Resp: 222770
Ion Ratio Lower Upper
93 100
66 88.2 62.6 94.0
65 52.9 38.3 57.5





#7
Phenol-d6
Concen: 123.497 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

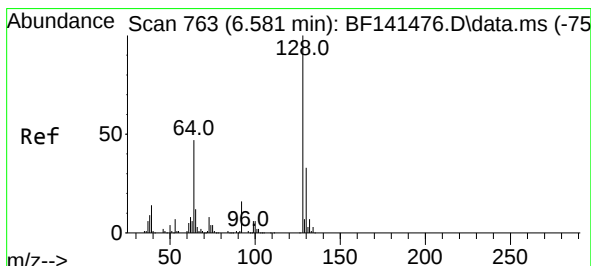
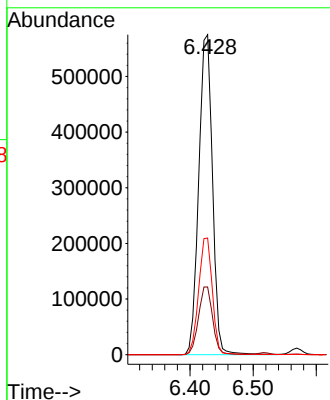
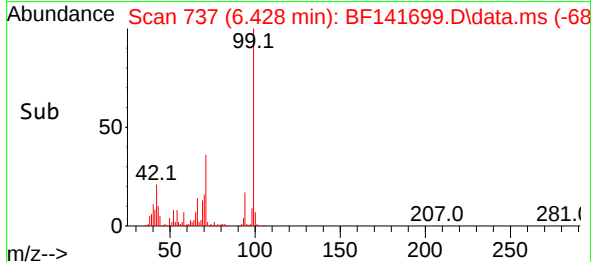
Instrument :
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Tgt Ion: 99 Resp: 867940
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 36.5 31.1 46.7

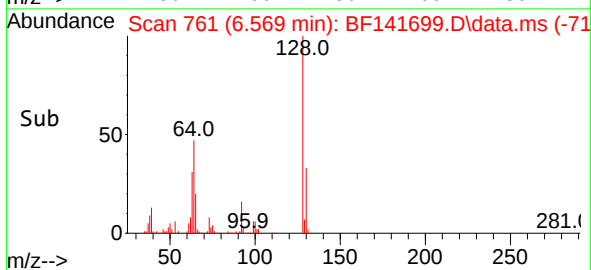
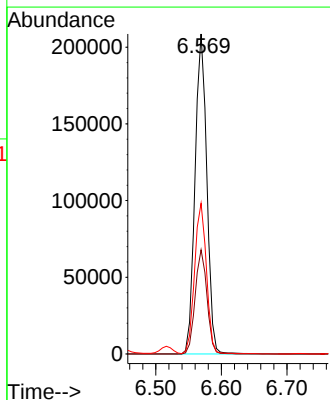
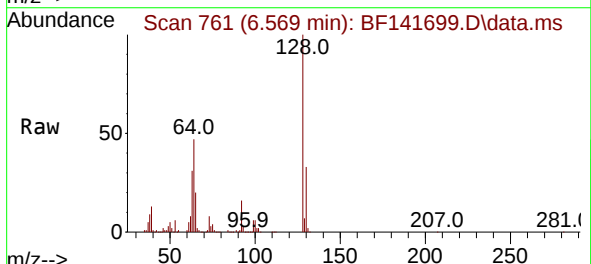
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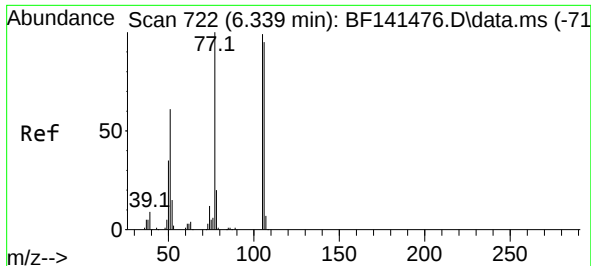
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#8
2-Chlorophenol
Concen: 43.502 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

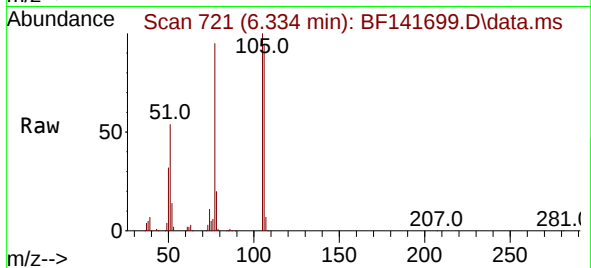
Tgt Ion:128 Resp: 261379
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 47.1 28.3 68.3





#9
Benzaldehyde
Concen: 31.050 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

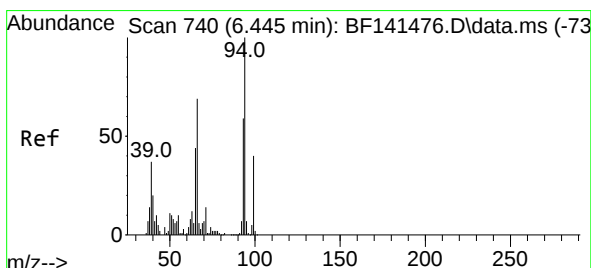
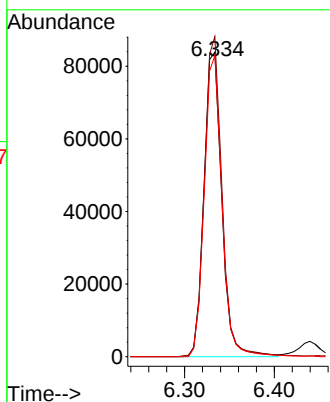
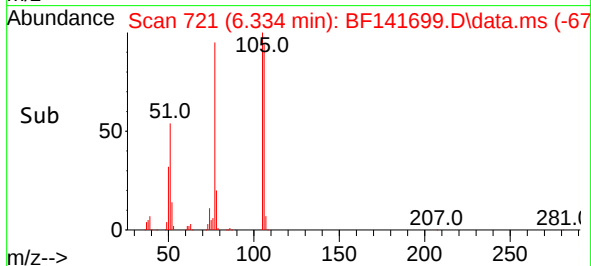
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion: 77 Resp: 115962
Ion Ratio Lower Upper
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105 105.0 79.4 119.4
106 98.8 75.1 115.1

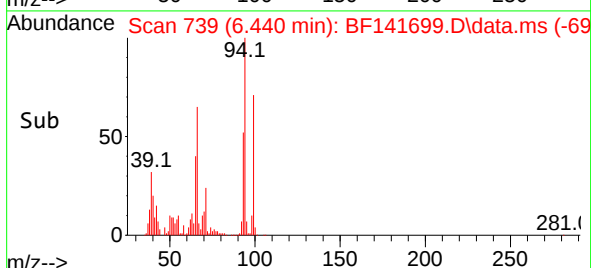
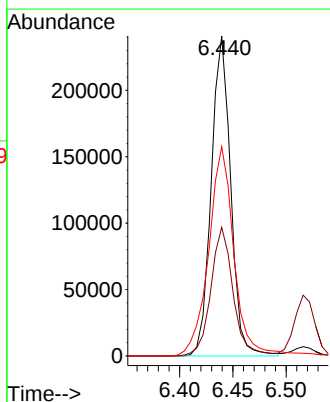
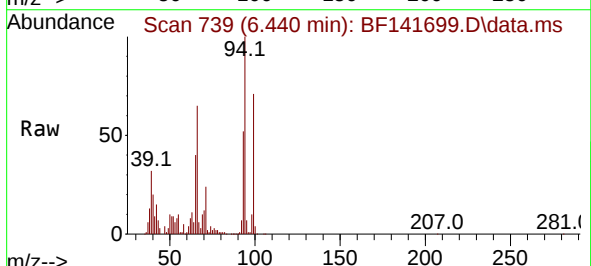
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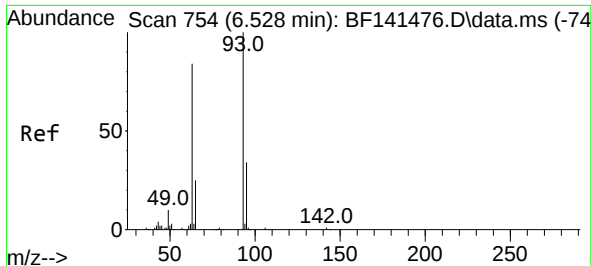
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#10
Phenol
Concen: 41.771 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion: 94 Resp: 305550
Ion Ratio Lower Upper
94 100
65 40.2 23.7 63.7
66 65.4 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 44.177 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

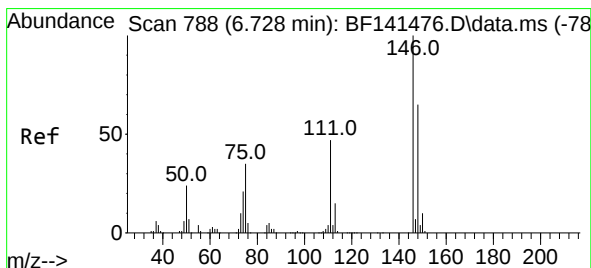
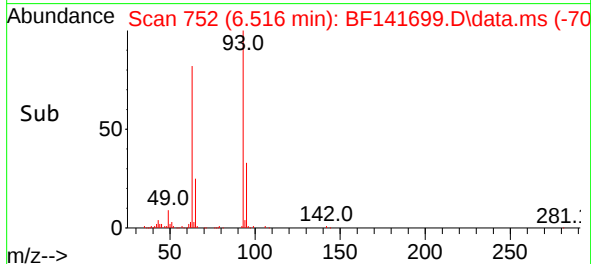
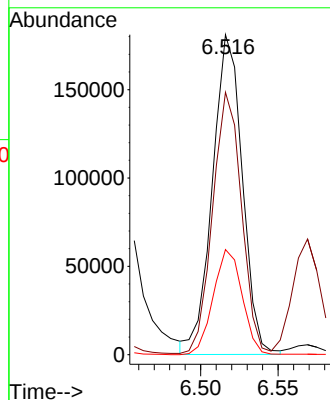
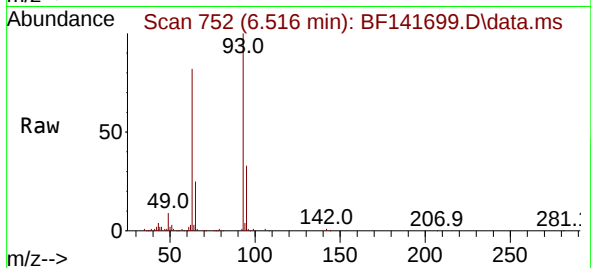
Tgt Ion: 93 Resp: 242719
 Ion Ratio Lower Upper
 93 100
 63 82.0 62.0 102.0
 95 32.9 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#12

1,3-Dichlorobenzene

Concen: 43.705 ng

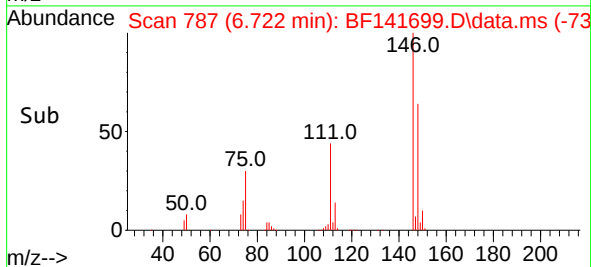
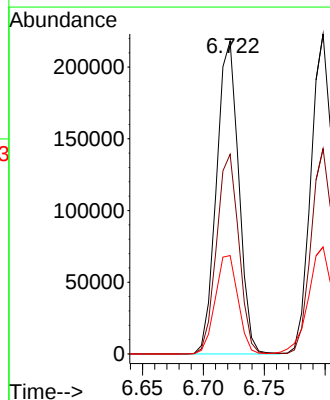
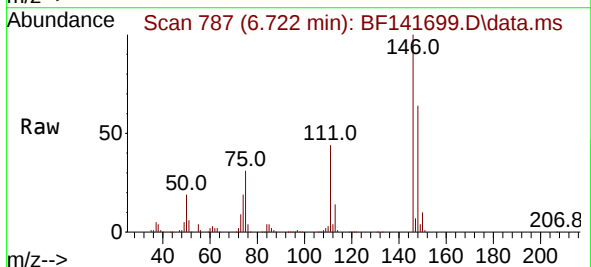
RT: 6.722 min Scan# 787

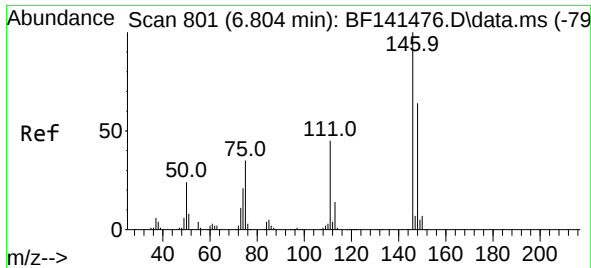
Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Tgt Ion:146 Resp: 277228
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.282 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:146 Resp: 280508

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

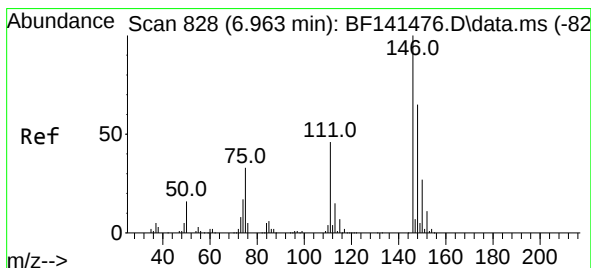
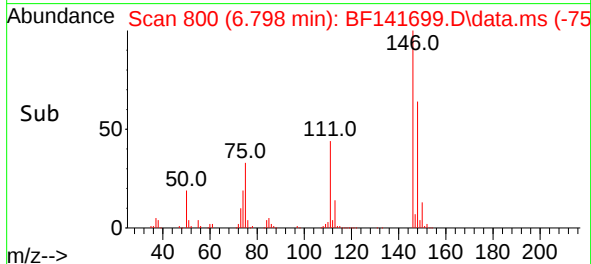
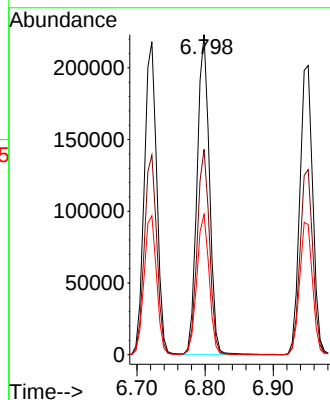
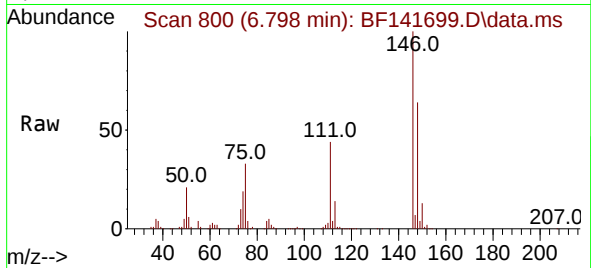
111 43.8 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#14

1,2-Dichlorobenzene

Concen: 44.496 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

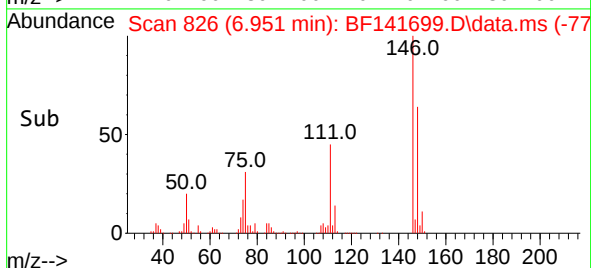
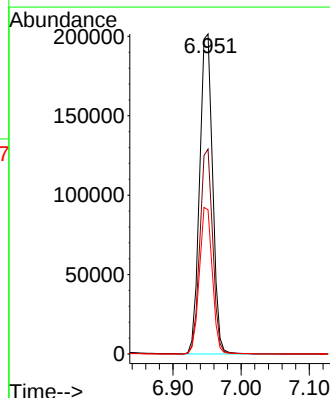
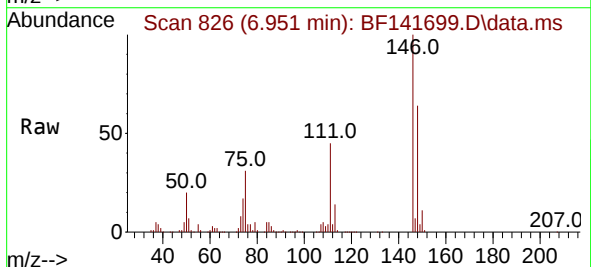
Tgt Ion:146 Resp: 267644

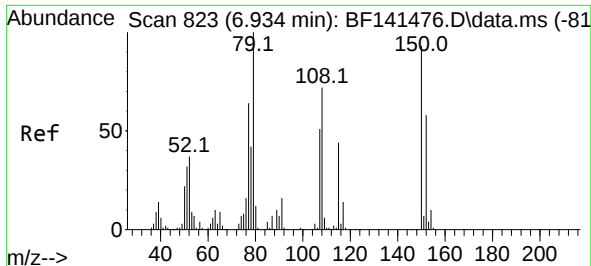
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

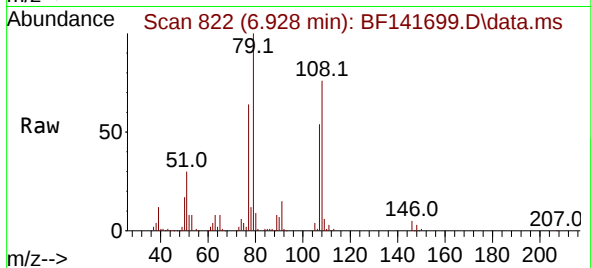
111 45.0 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.130 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

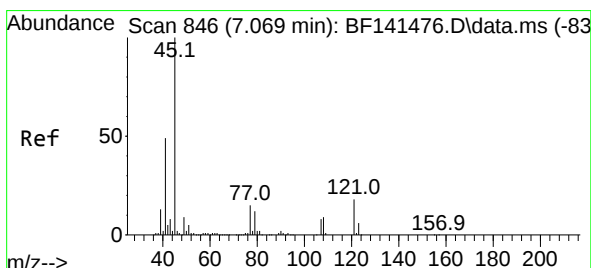
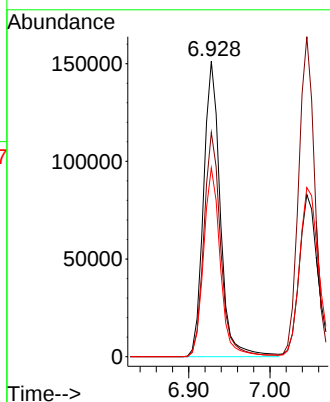
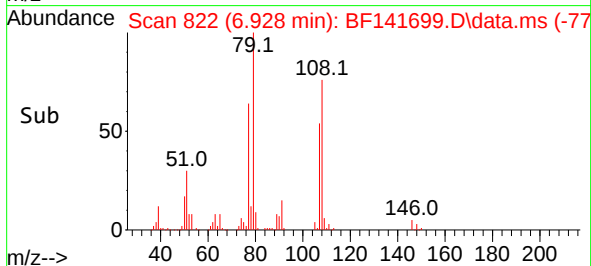
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion: 79 Resp: 216278
Ion Ratio Lower Upper
79 100
108 75.9 57.4 86.2
77 63.9 50.9 76.3

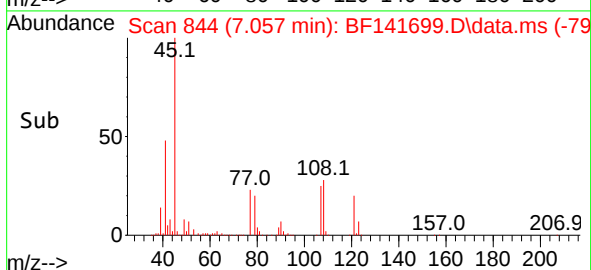
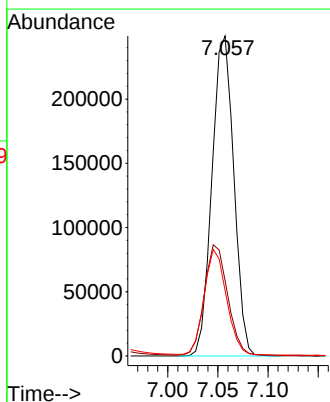
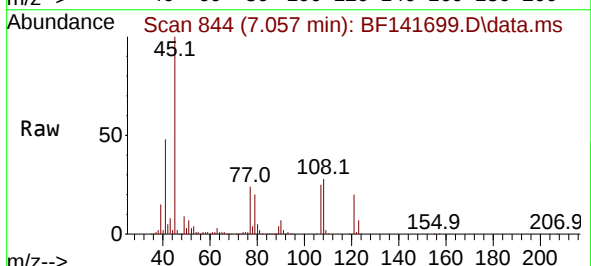
Manual Integrations
APPROVED

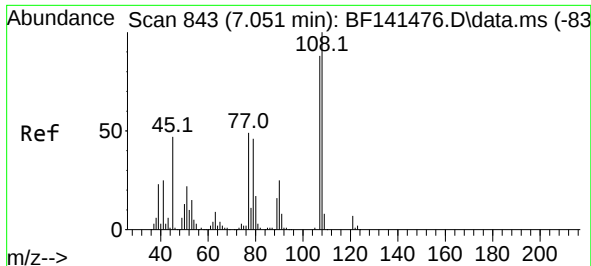
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.012 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

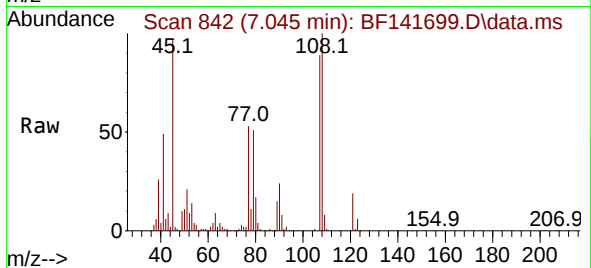
Tgt Ion: 45 Resp: 376314
Ion Ratio Lower Upper
45 100
77 23.6 0.0 35.8
79 20.5 0.0 32.7





#17
2-Methylphenol
Concen: 42.691 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

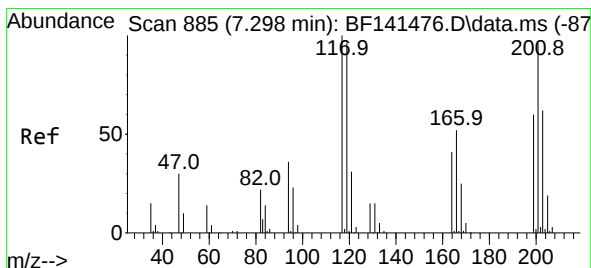
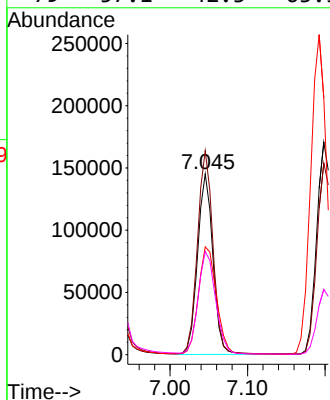
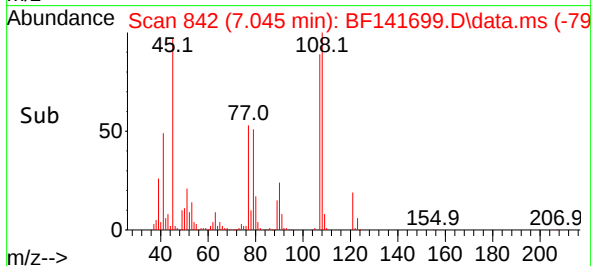
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:107 Resp: 200728
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 59.6 44.4 66.6
79 57.1 42.3 63.5

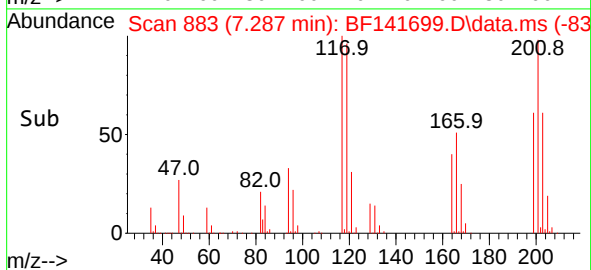
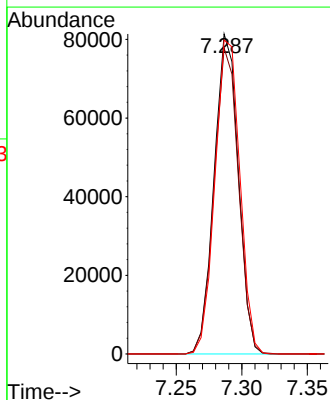
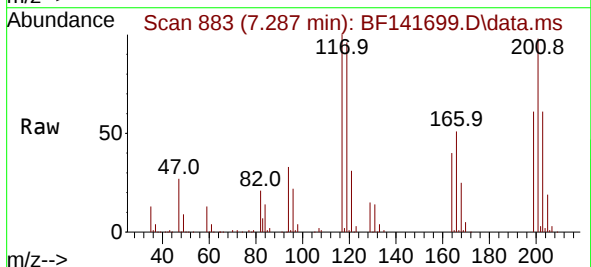
Manual Integrations
APPROVED

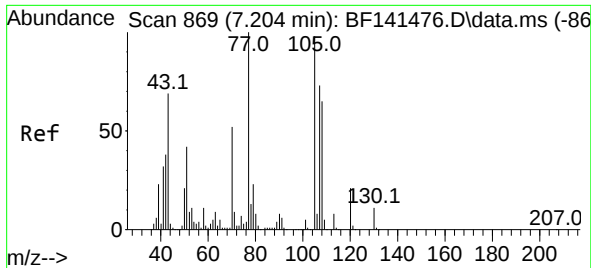
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#18
Hexachloroethane
Concen: 43.523 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:117 Resp: 104391
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 98.1 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.639 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

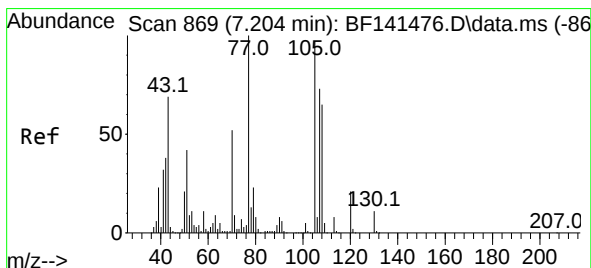
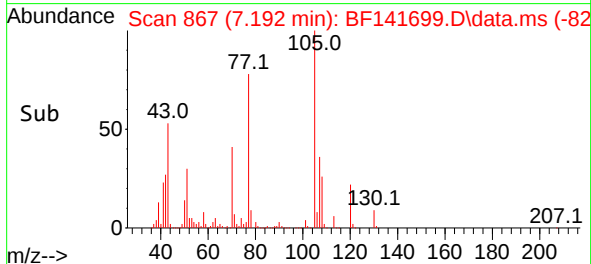
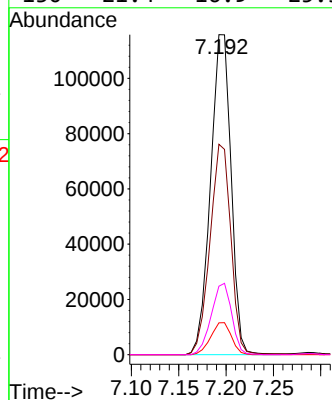
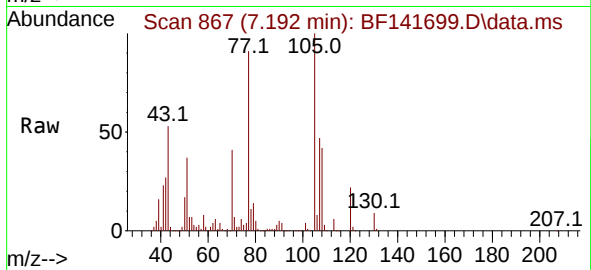
PB166776BS

Tgt Ion: 70 Resp: 17504
Ion Ratio Lower Upper
70 100
42 65.7 57.4 86.2
101 9.9 8.0 12.0
130 21.4 16.9 25.3

Manual Integrations

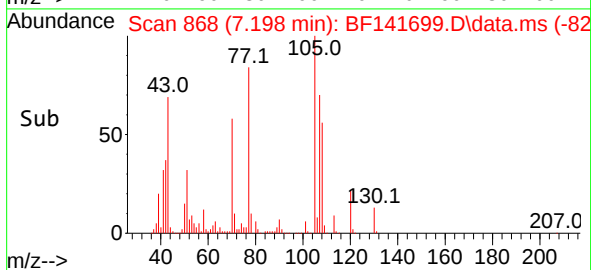
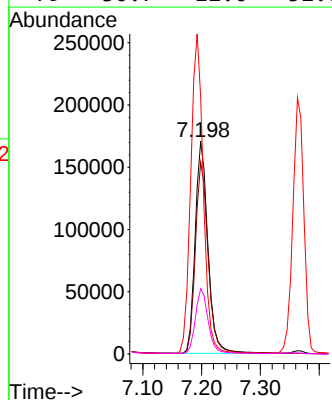
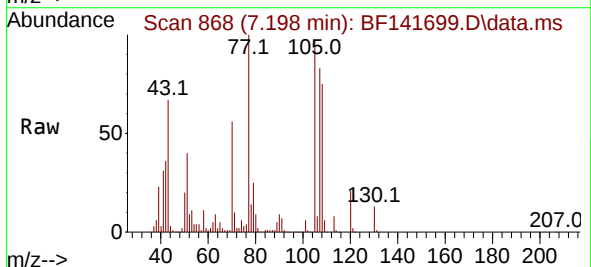
APPROVED

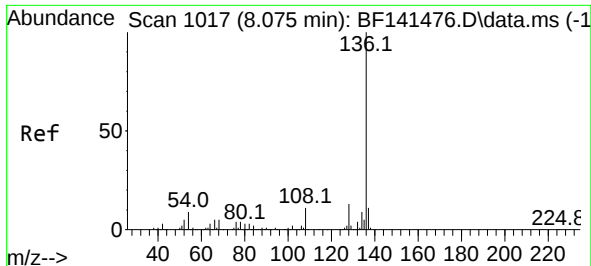
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#20
3+4-Methylphenols
Concen: 43.122 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:107 Resp: 257675
Ion Ratio Lower Upper
107 100
108 90.1 68.5 108.5
77 120.7 116.5 156.5
79 30.7 12.0 52.0





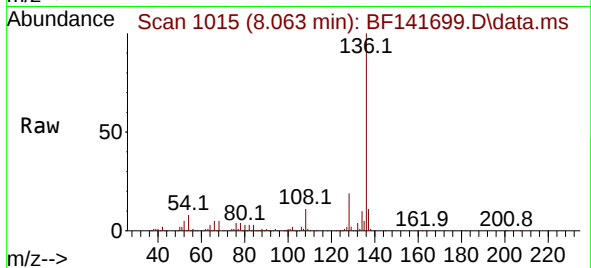
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS



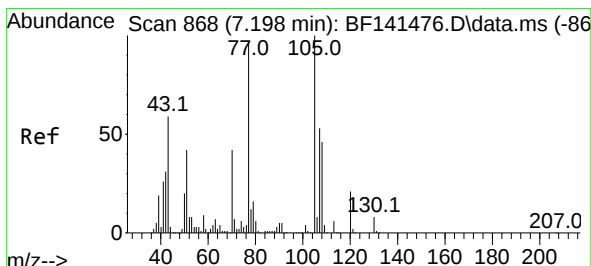
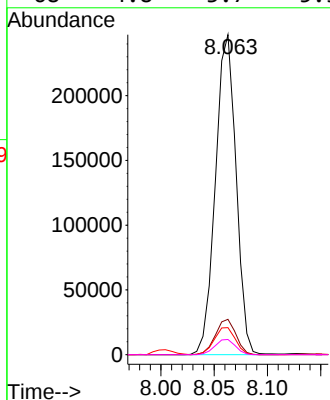
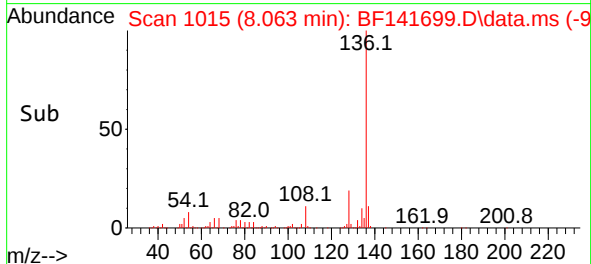
Tgt Ion:136 Resp: 332694
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.2 10.8
68 4.8 3.7 5.5

Manual Integrations

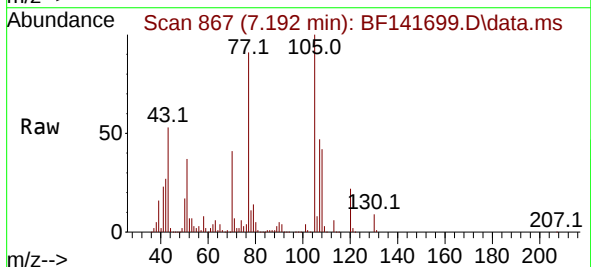
APPROVED

Reviewed By :Rahul Chavli 02/21/2025

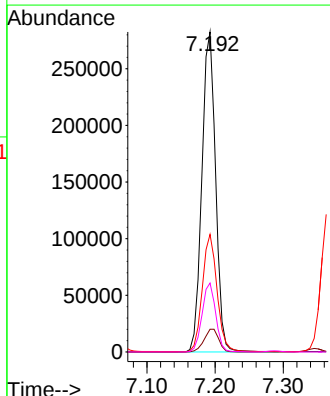
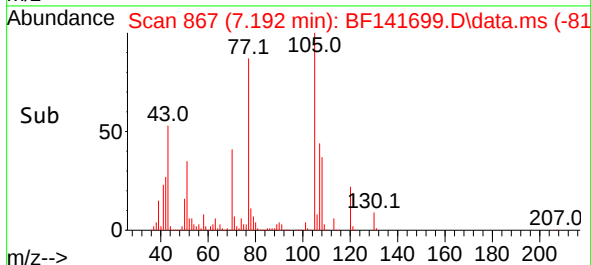
Supervised By :Jagrut Upadhyay 02/21/2025

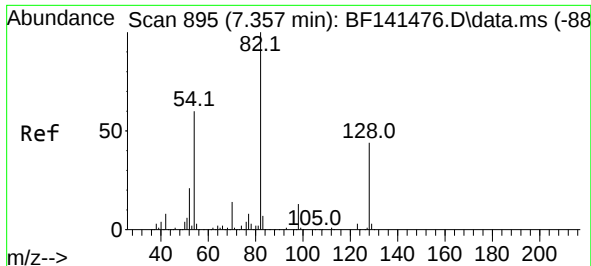


#22
Acetophenone
Concen: 47.863 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:105 Resp: 396112
Ion Ratio Lower Upper
105 100
71 7.1 5.7 8.5
51 36.7 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.467 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

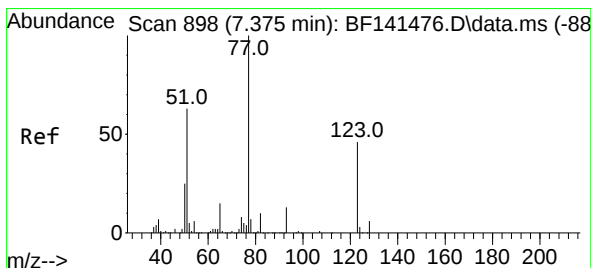
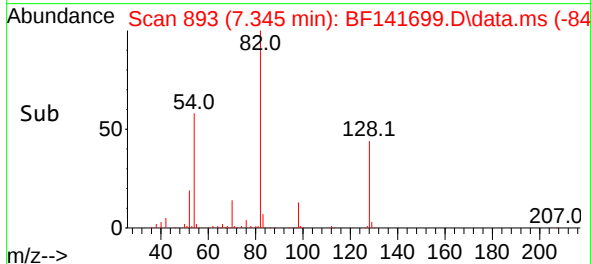
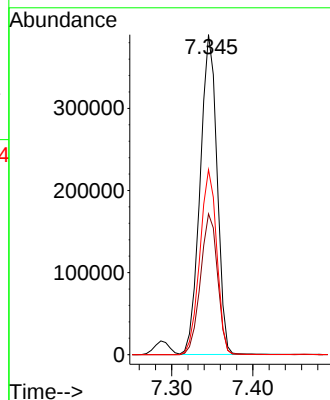
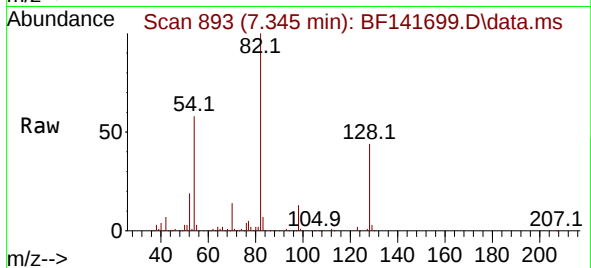
PB166776BS

Tgt Ion: 82 Resp: 564292
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.8 52.2
 54 57.8 48.2 72.4

Manual Integrations

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



#24

Nitrobenzene

Concen: 43.194 ng

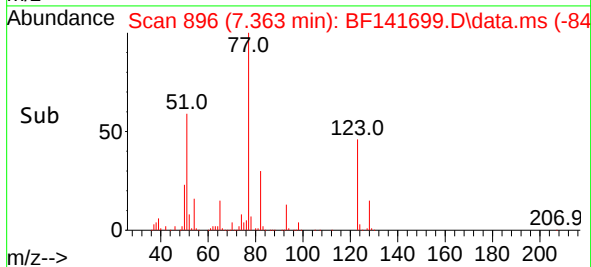
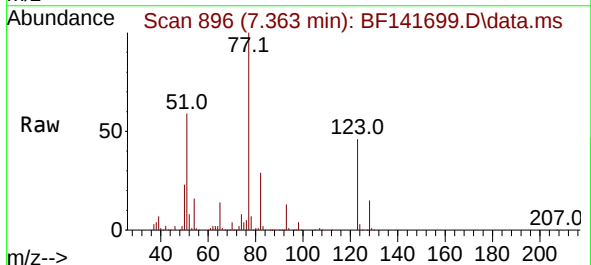
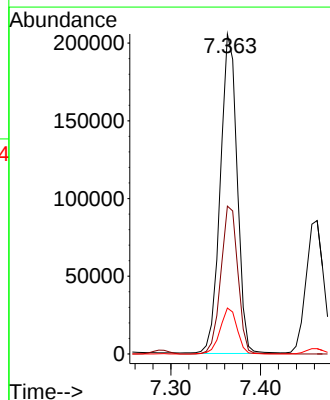
RT: 7.363 min Scan# 896

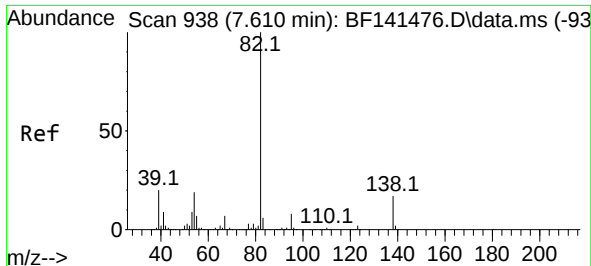
Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

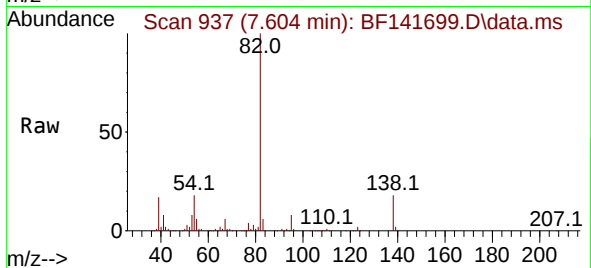
Tgt Ion: 77 Resp: 268663
 Ion Ratio Lower Upper
 77 100
 123 46.2 36.9 55.3
 65 14.4 11.9 17.9





#25
Isophorone
Concen: 46.125 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

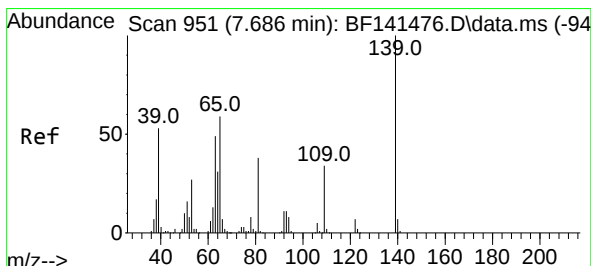
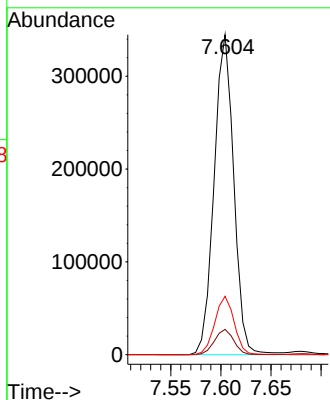
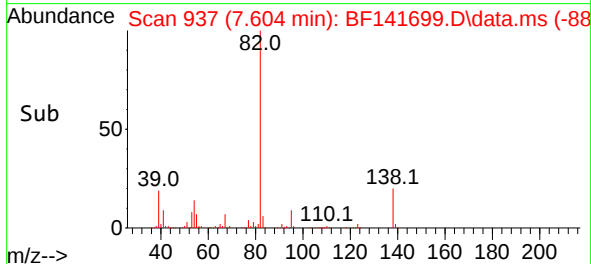
Instrument :
BNA_F
ClientSampleId :
PB166776BS



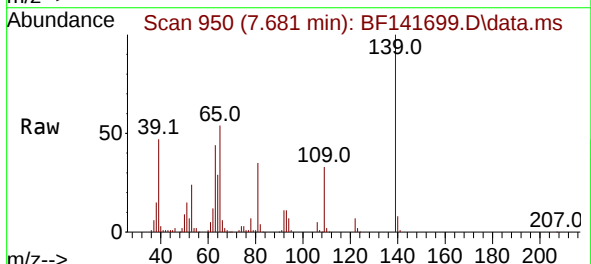
Tgt Ion: 82 Resp: 46910
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.3 13.9 20.9

Manual Integrations
APPROVED

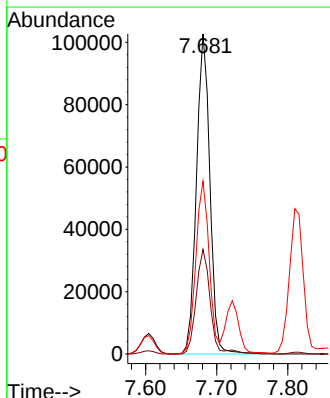
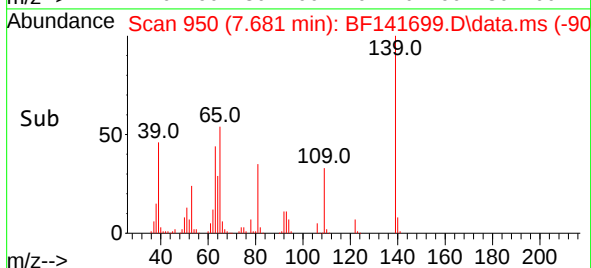
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

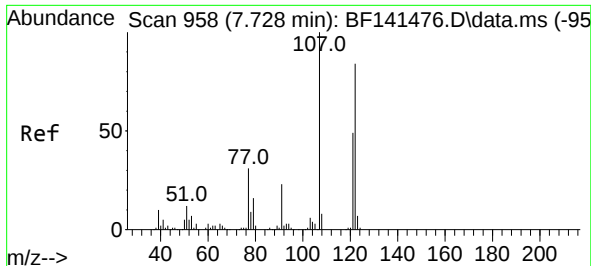


#26
2-Nitrophenol
Concen: 43.749 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:139 Resp: 135380
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 54.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 56.260 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

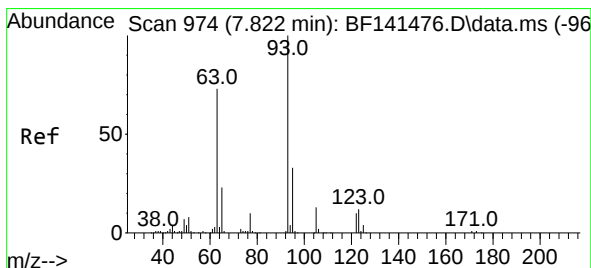
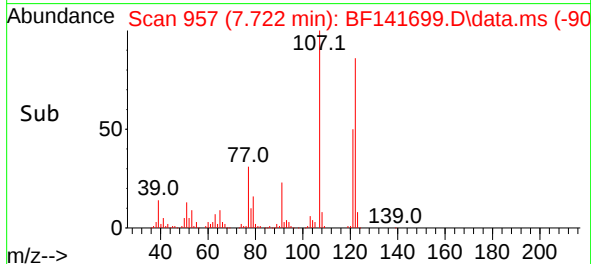
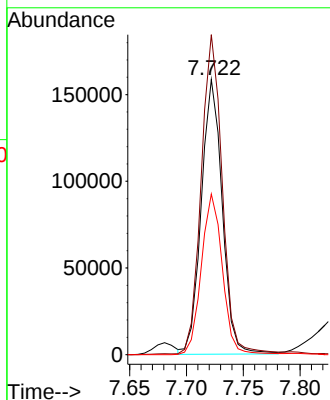
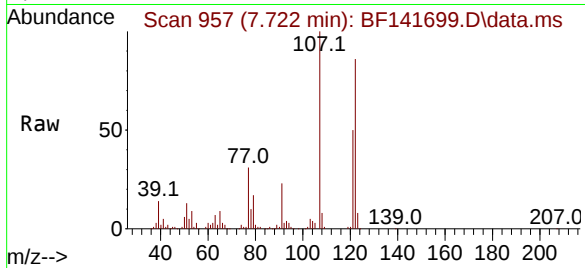
Tgt Ion:122 Resp: 203384
 Ion Ratio Lower Upper
 122 100
 107 116.3 94.3 141.5
 121 58.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.579 ng

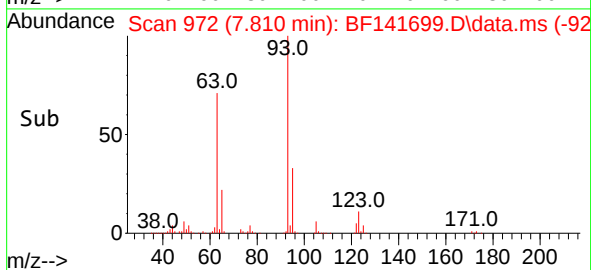
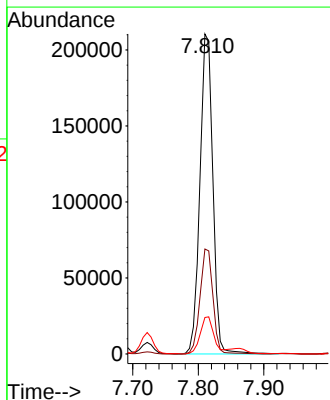
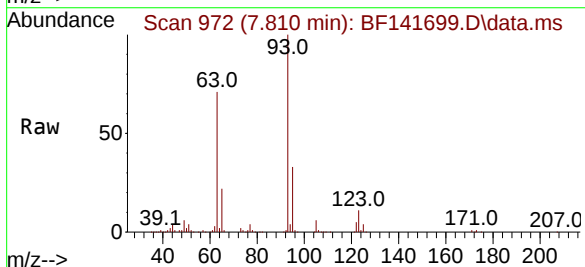
RT: 7.810 min Scan# 972

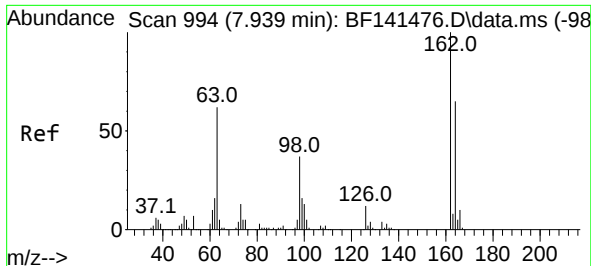
Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Tgt Ion: 93 Resp: 290525
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.790 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:162 Resp: 213890

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

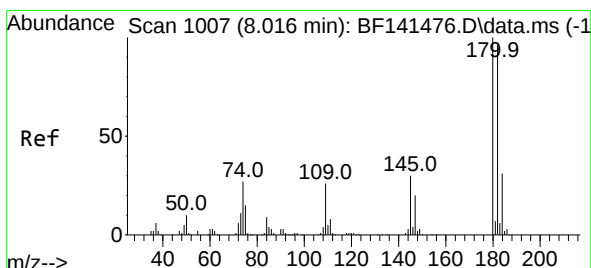
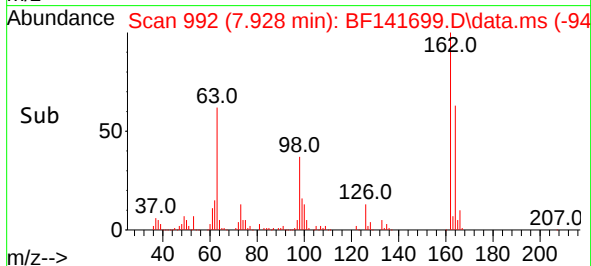
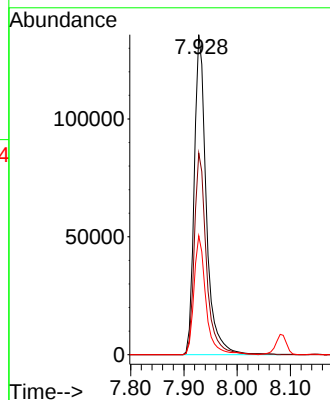
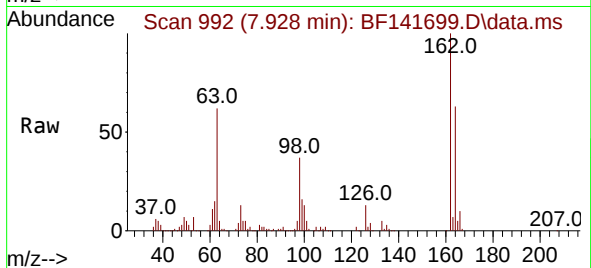
98 37.2 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.020 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

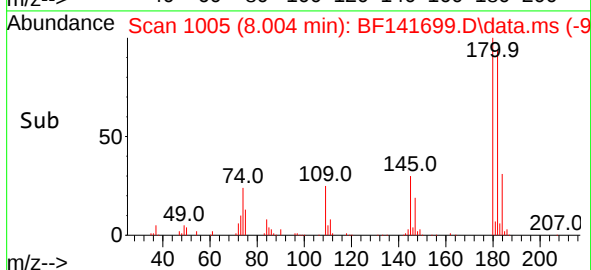
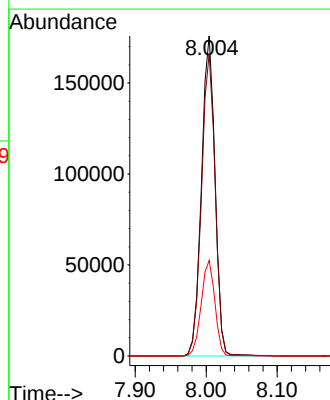
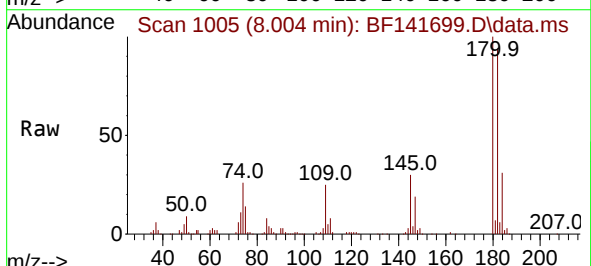
Tgt Ion:180 Resp: 234145

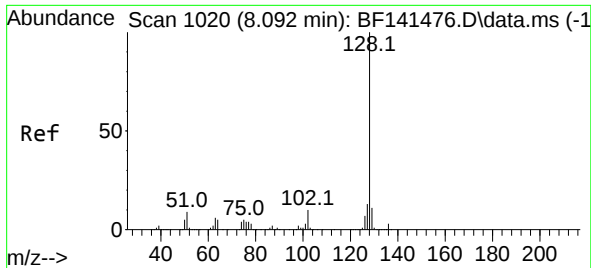
Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

145 29.9 24.2 36.4





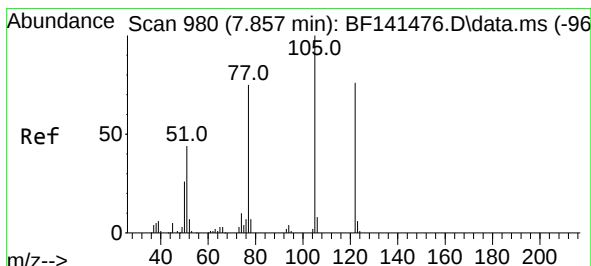
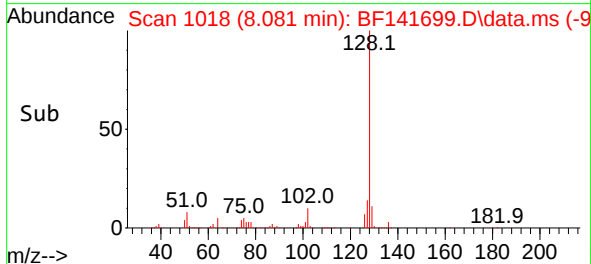
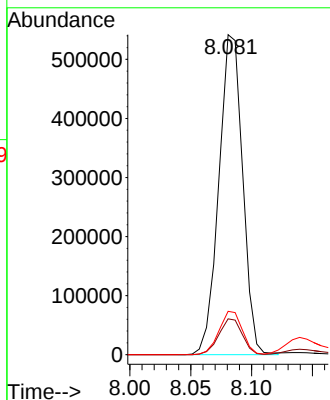
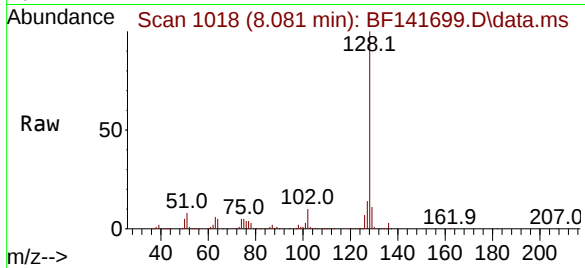
#31
Naphthalene
Concen: 42.568 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:128 Resp: 73719
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.7 16.1

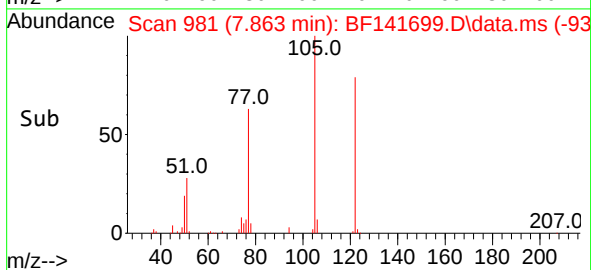
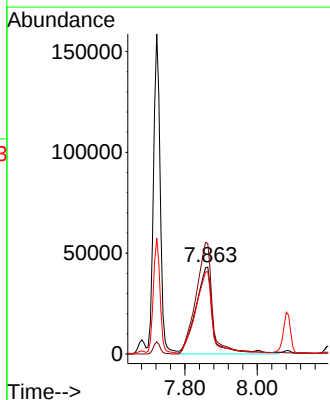
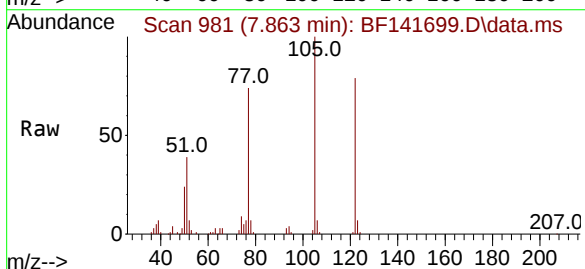
Manual Integrations
APPROVED

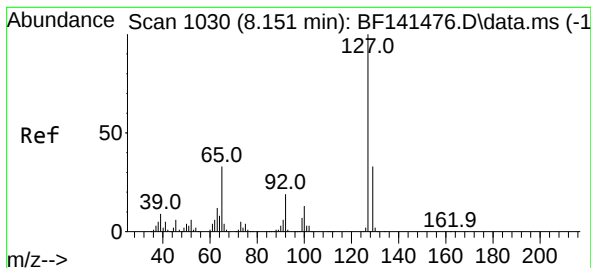
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#32
Benzoic acid
Concen: 38.589 ng m
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:122 Resp: 144901
Ion Ratio Lower Upper
122 100
105 127.3 106.5 146.5
77 94.8 76.3 116.3





#33
4-Chloroaniline
Concen: 11.970 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

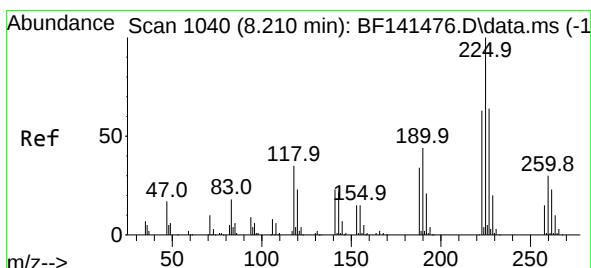
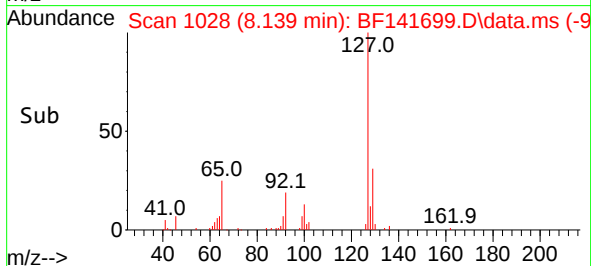
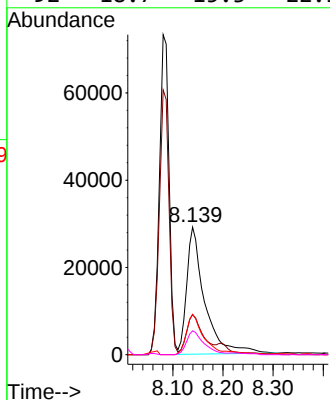
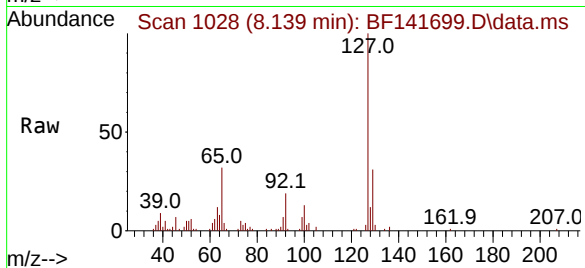
PB166776BS

Tgt Ion:127 Resp: 72372
Ion Ratio Lower Upper
127 100
129 31.5 26.5 39.7
65 31.6 26.4 39.6
92 18.7 15.3 22.9

Manual Integrations

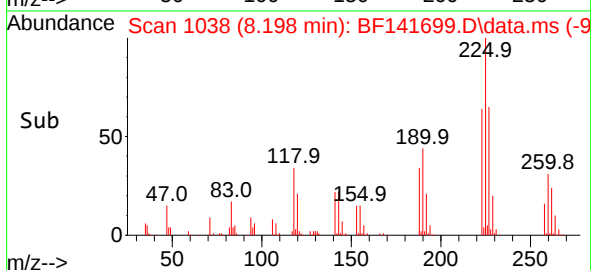
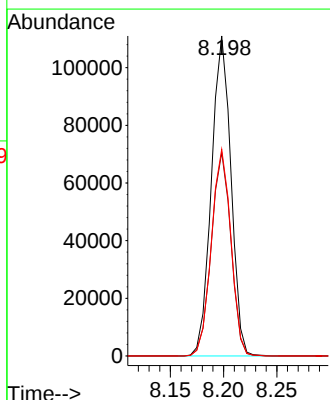
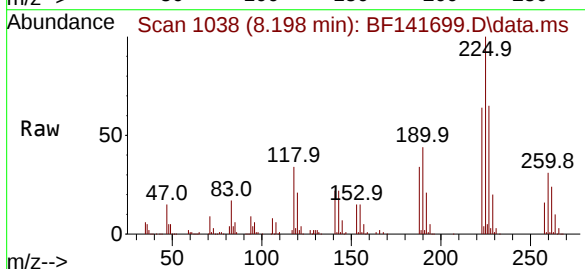
APPROVED

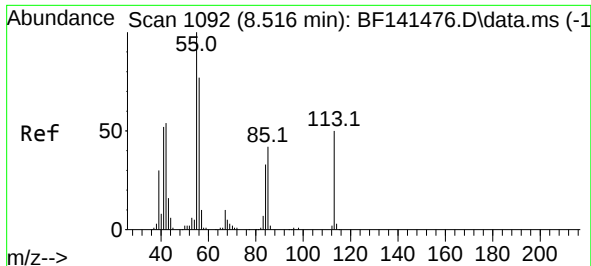
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#34
Hexachlorobutadiene
Concen: 44.296 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

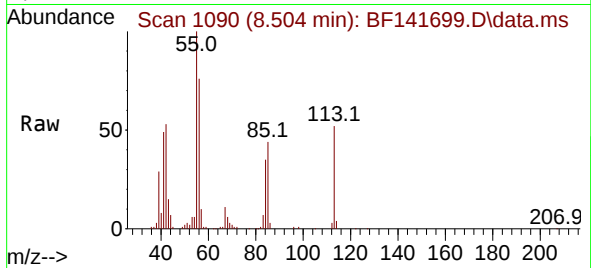
Tgt Ion:225 Resp: 141446
Ion Ratio Lower Upper
225 100
223 63.6 50.1 75.1
227 64.6 51.0 76.6





#35
Caprolactam
Concen: 46.521 ng m
RT: 8.504 min Scan# 1092
Delta R.T. -0.041 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

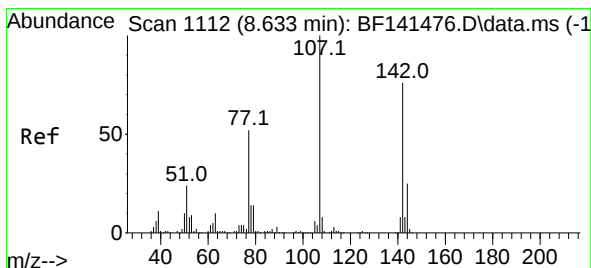
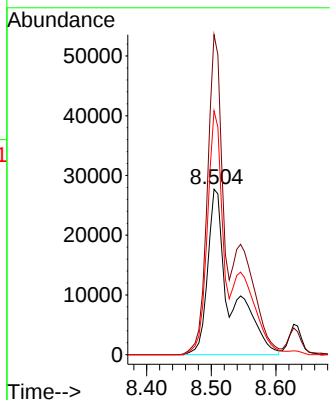
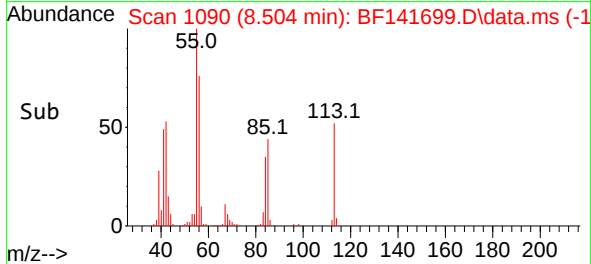
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:113 Resp: 6918
Ion Ratio Lower Upper
113 100
55 193.4 180.8 220.8
56 147.4 133.6 173.6

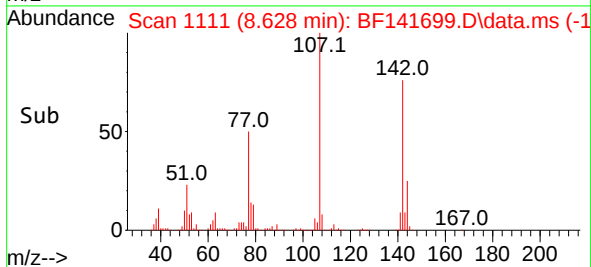
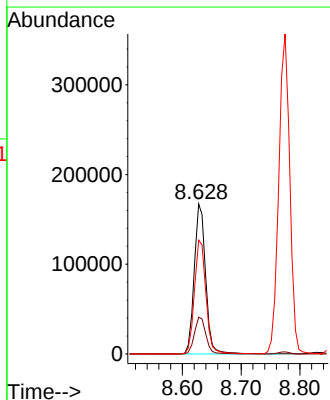
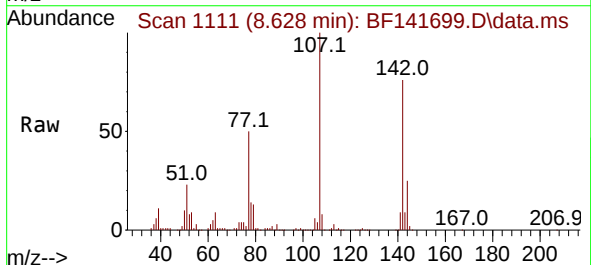
Manual Integrations
APPROVED

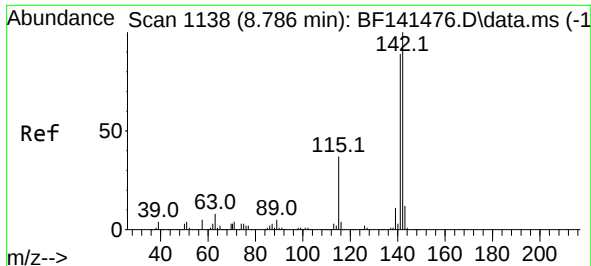
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#36
4-Chloro-3-methylphenol
Concen: 41.740 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:107 Resp: 225834
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.8 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.146 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:142 Resp: 46369

Ion Ratio Lower Upper

142 100

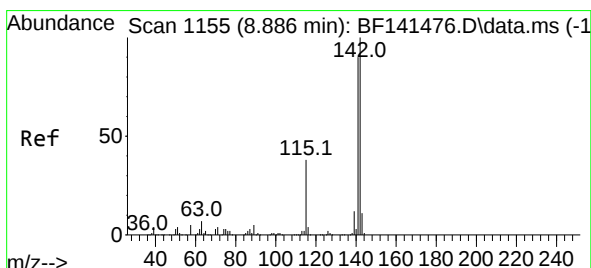
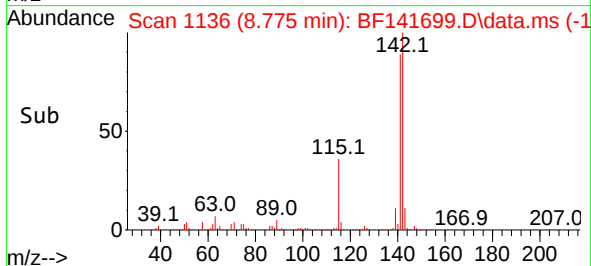
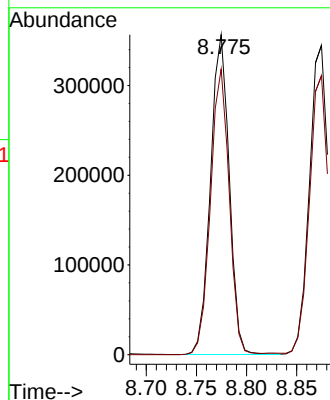
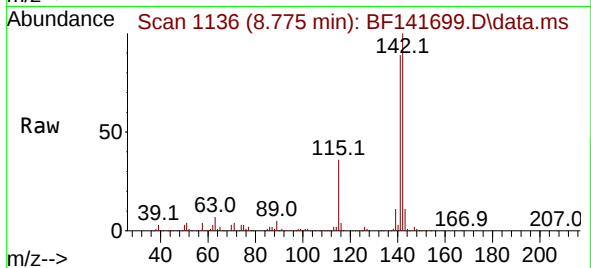
141 89.2 71.2 106.8

Manual Integrations

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Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#38

1-Methylnaphthalene

Concen: 41.481 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141699.D

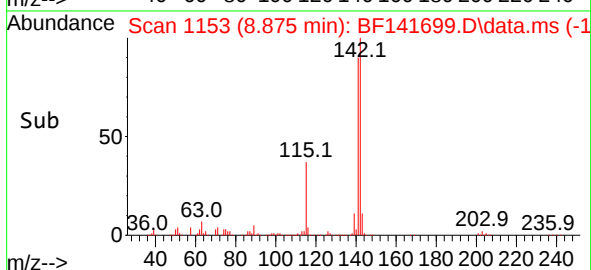
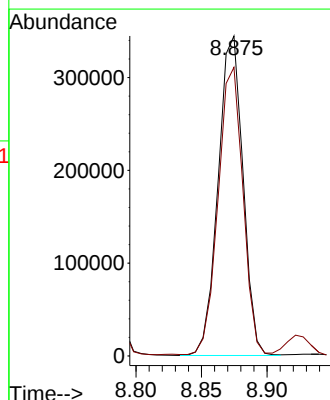
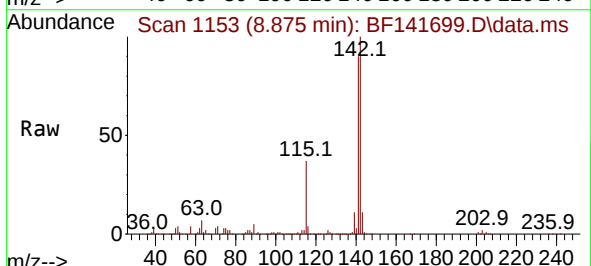
Acq: 20 Feb 2025 13:03

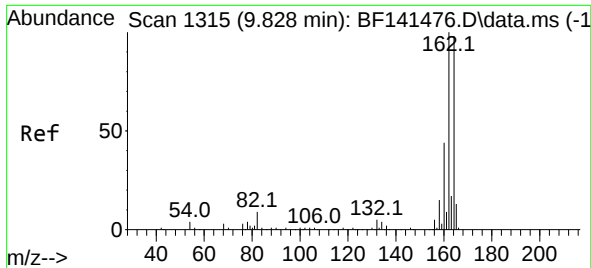
Tgt Ion:142 Resp: 452758

Ion Ratio Lower Upper

142 100

141 90.2 72.1 108.1





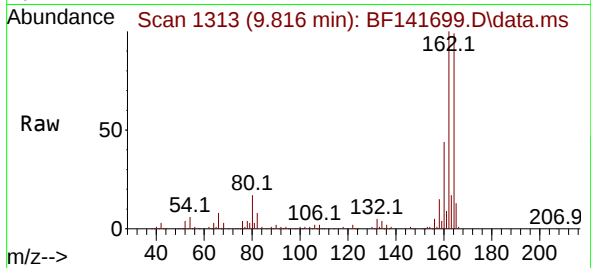
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS



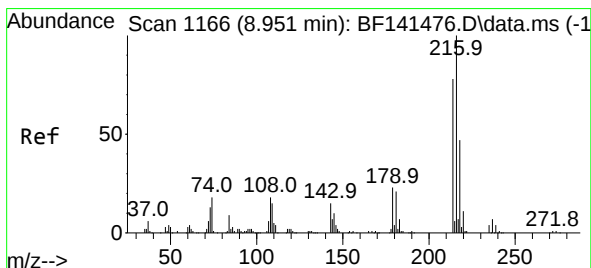
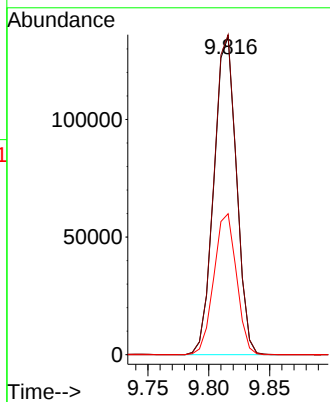
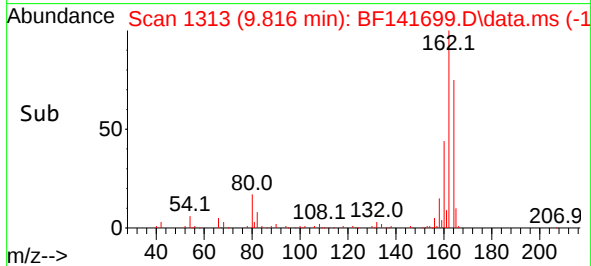
Tgt Ion:164 Resp: 17369
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.4 35.9 53.9

Manual Integrations

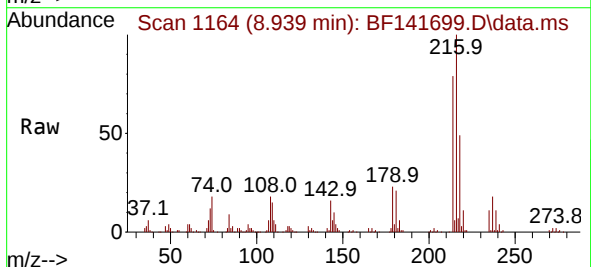
APPROVED

Reviewed By :Rahul Chavli 02/21/2025

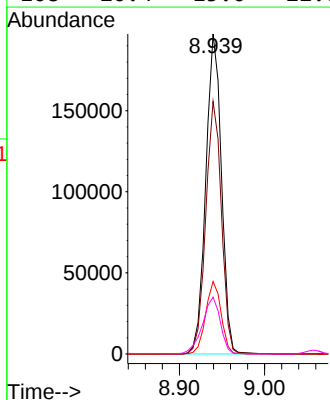
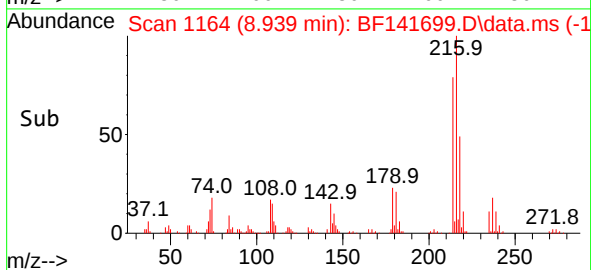
Supervised By :Jagrut Upadhyay 02/21/2025

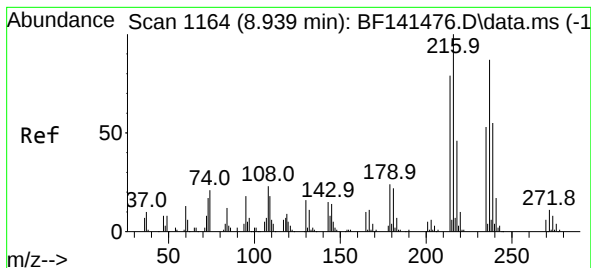


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.039 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:216 Resp: 251455
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 22.3 18.0 27.0
108 20.4 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 137.156 ng

RT: 8.922 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:237 Resp: 22924

Ion Ratio Lower Upper

237 100

235 62.6 41.4 81.4

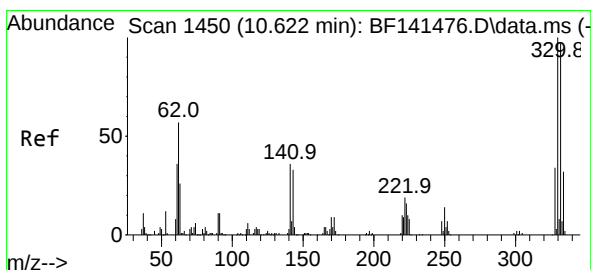
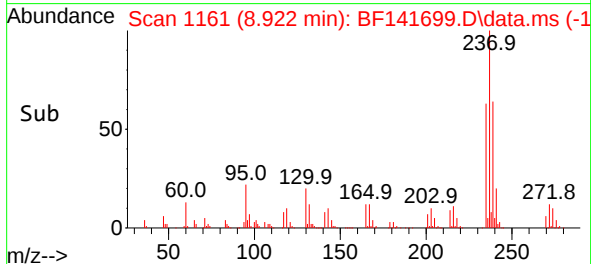
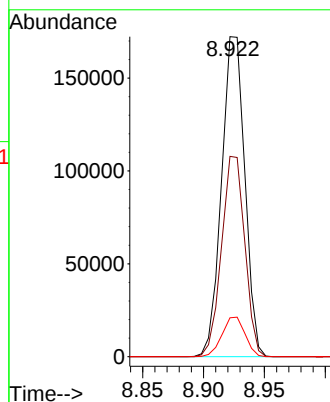
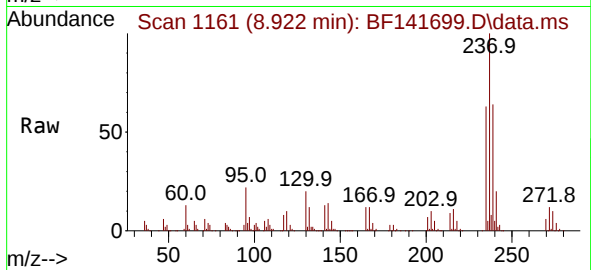
272 12.1 0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#42

2,4,6-Tribromophenol

Concen: 126.990 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

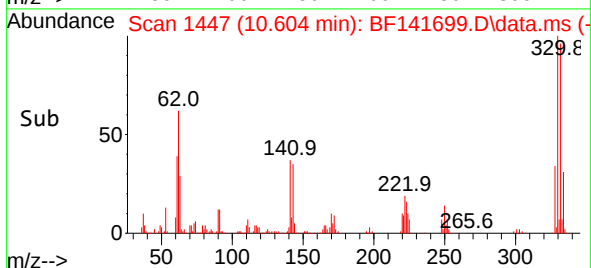
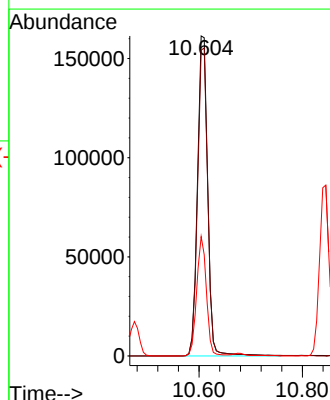
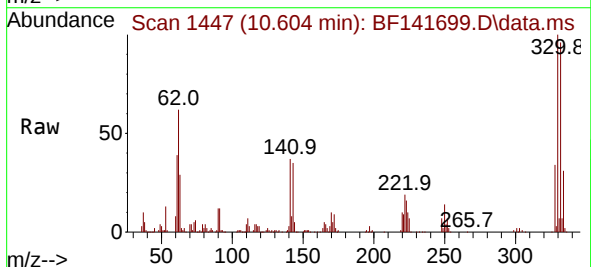
Tgt Ion:330 Resp: 221575

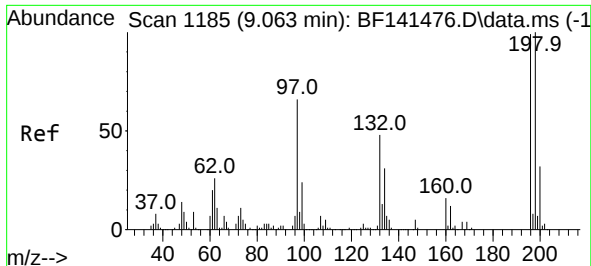
Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

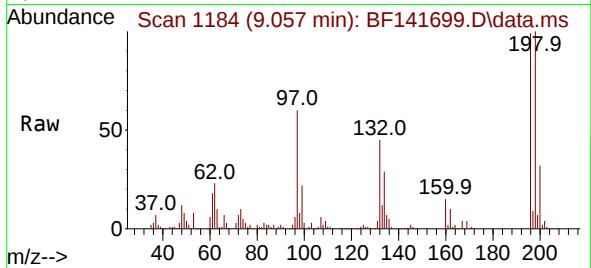
141 35.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 44.416 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

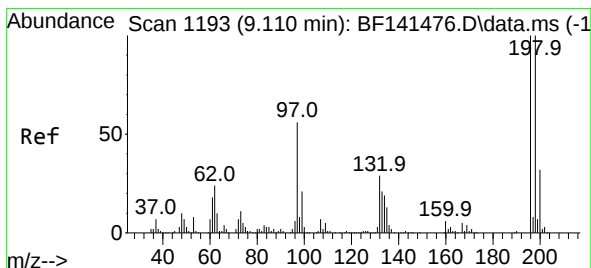
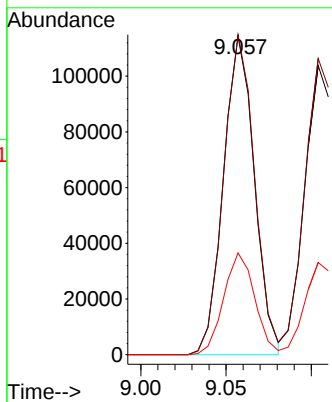
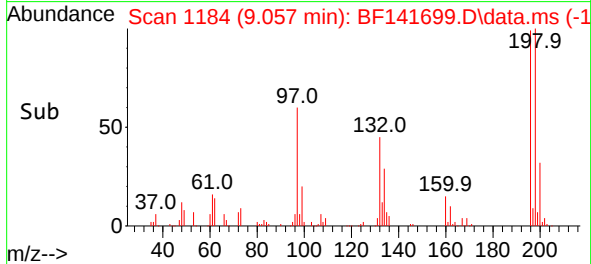
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:196 Resp: 144254
Ion Ratio Lower Upper
196 100
198 100.5 80.6 121.0
200 31.9 25.5 38.3

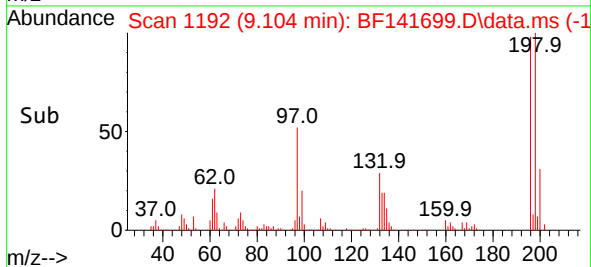
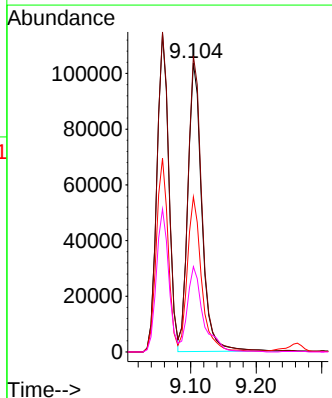
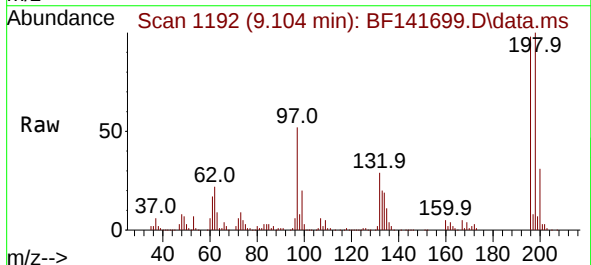
Manual Integrations
APPROVED

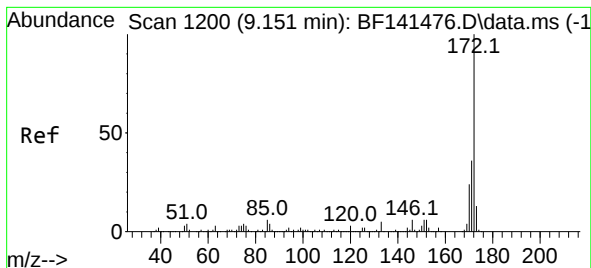
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#44
2,4,5-Trichlorophenol
Concen: 43.341 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:196 Resp: 152557
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.8
97 53.6 44.8 67.2
132 29.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.088 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:172 Resp: 106075

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

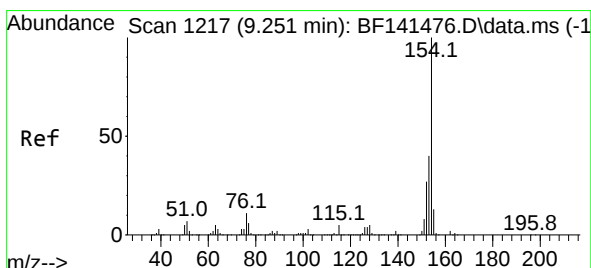
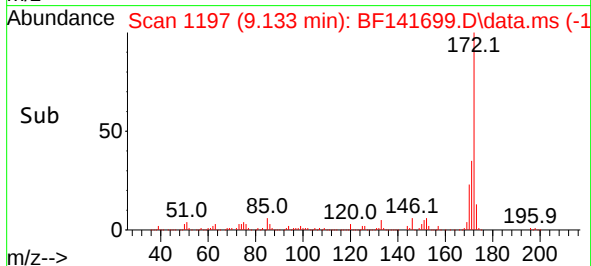
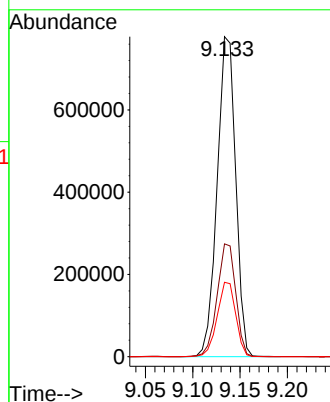
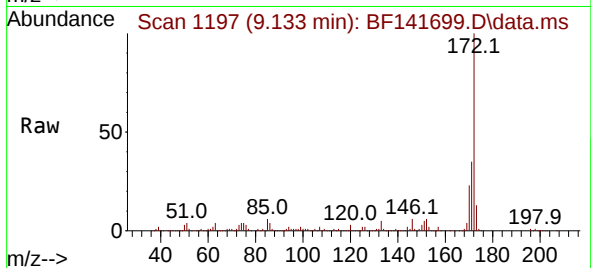
170 23.3 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#46

1,1'-Biphenyl

Concen: 49.026 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

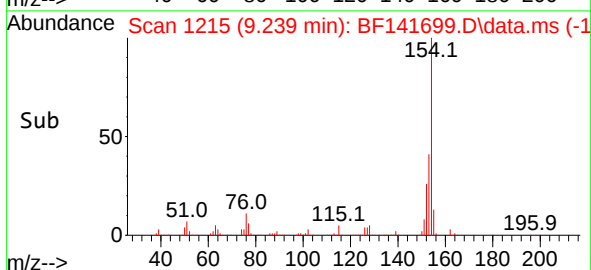
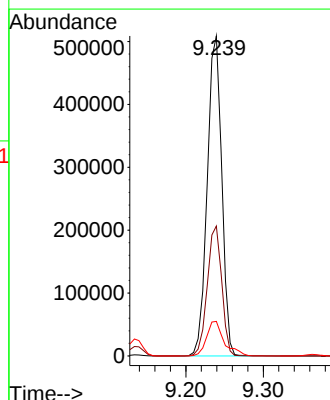
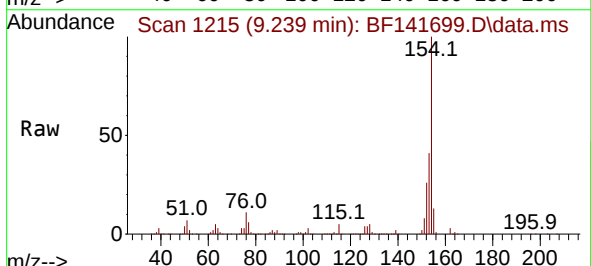
Tgt Ion:154 Resp: 660188

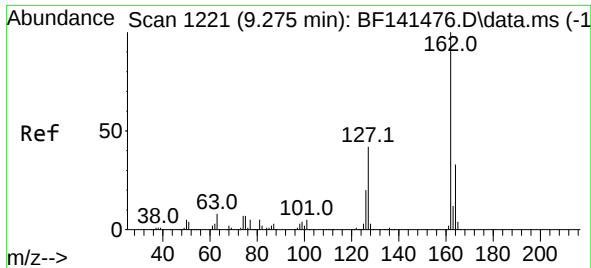
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.450 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:162 Resp: 452570

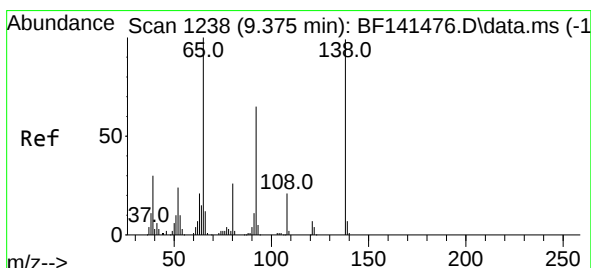
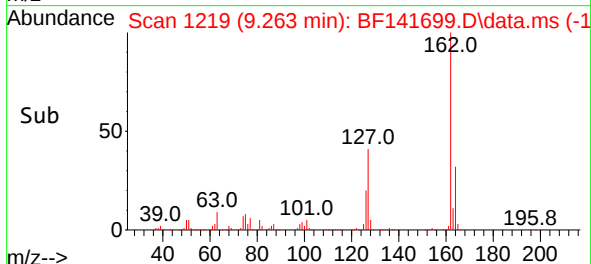
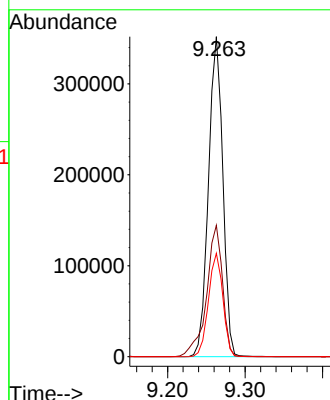
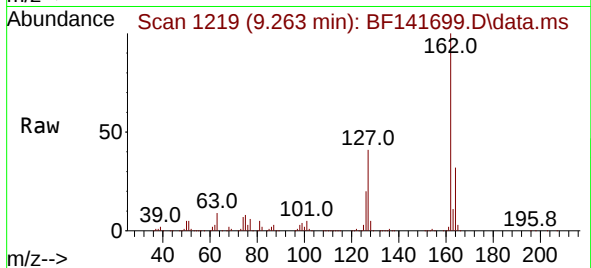
Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.1	51.1
164	32.3	26.3	39.5

Manual Integrations

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Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#48

2-Nitroaniline

Concen: 42.546 ng

RT: 9.363 min Scan# 1236

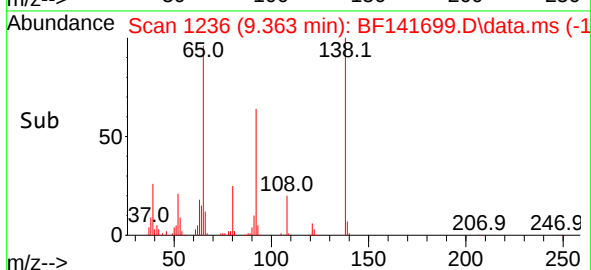
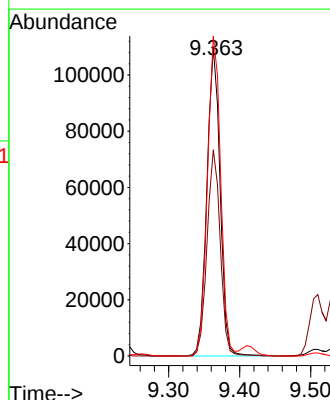
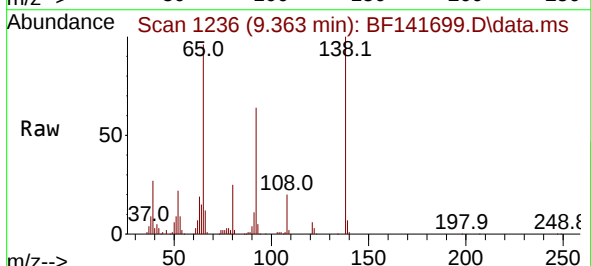
Delta R.T. -0.018 min

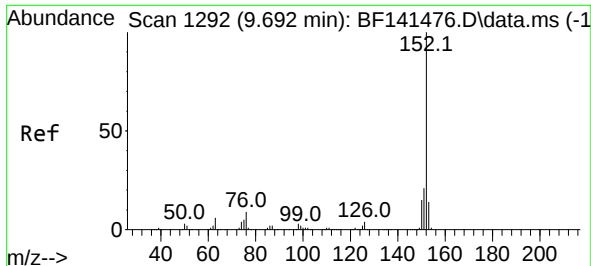
Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Tgt Ion: 65 Resp: 142181

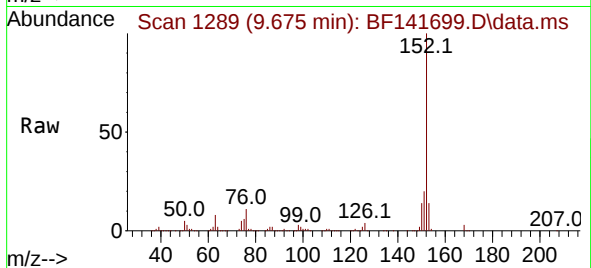
Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.2	78.2
138	103.7	79.5	119.3





#49
Acenaphthylene
Concen: 46.115 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

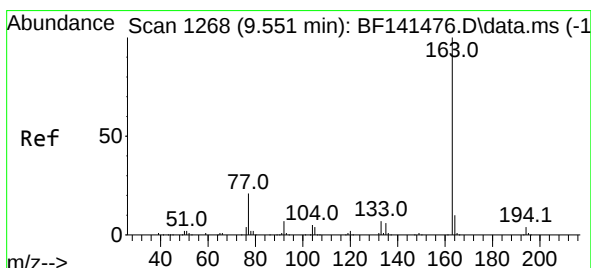
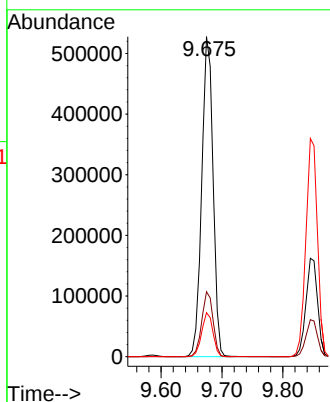
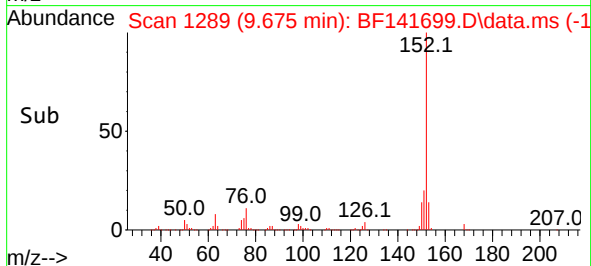
Instrument :
BNA_F
ClientSampleId :
PB166776BS



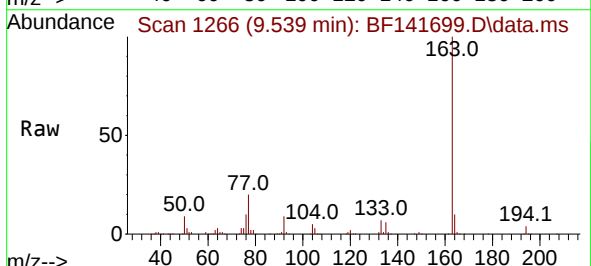
Tgt Ion:152 Resp: 683000
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3

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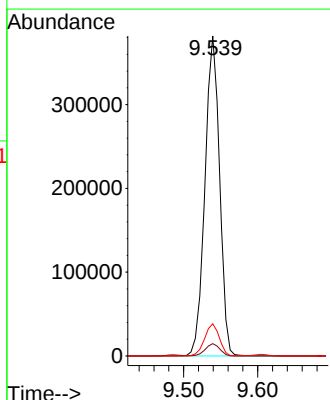
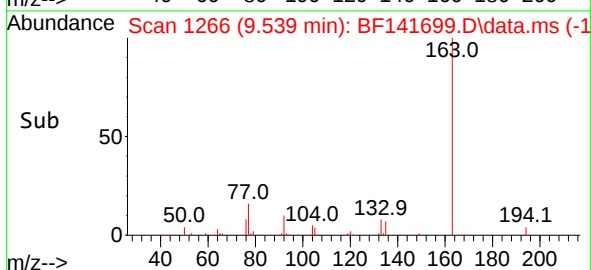
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

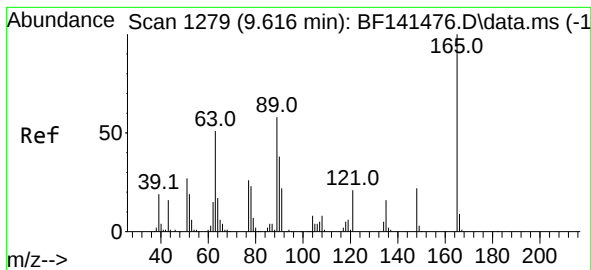


#50
Dimethylphthalate
Concen: 44.521 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



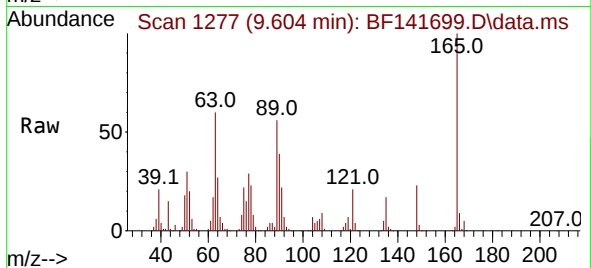
Tgt Ion:163 Resp: 524971
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.666 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

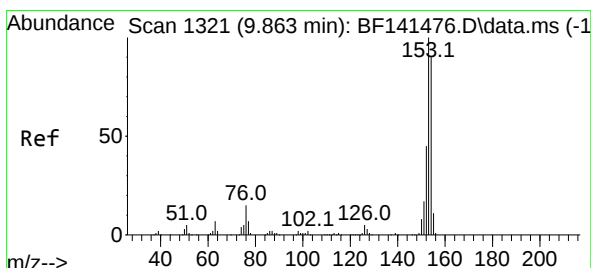
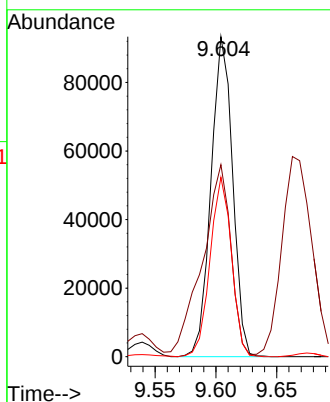
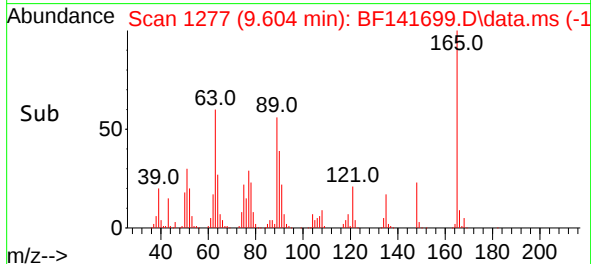
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:165 Resp: 11513
Ion Ratio Lower Upper
165 100
63 60.0 49.4 74.0
89 56.0 46.5 69.7

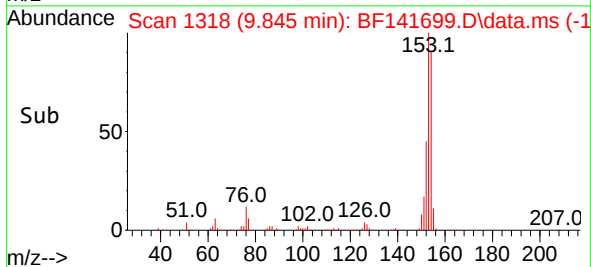
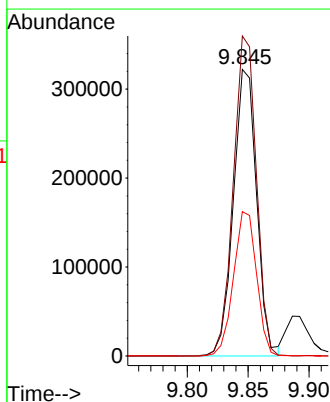
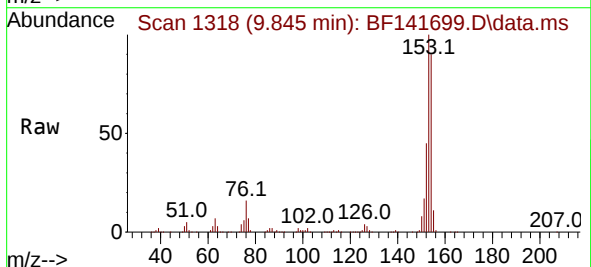
Manual Integrations
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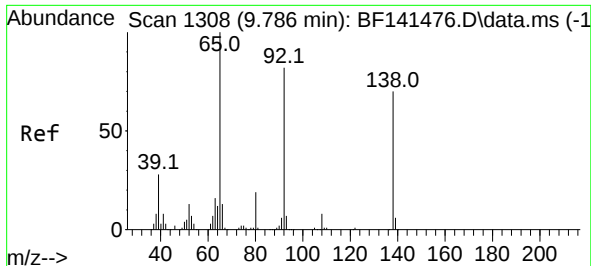
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#52
Acenaphthene
Concen: 43.100 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:154 Resp: 429158
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 50.4 39.8 59.8





#53
3-Nitroaniline
Concen: 22.915 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

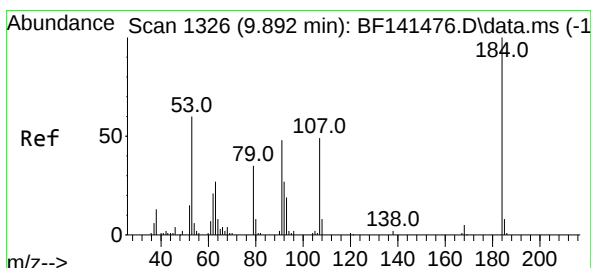
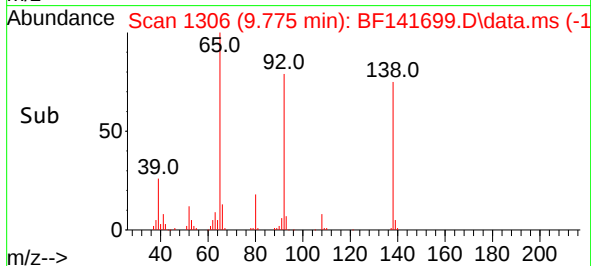
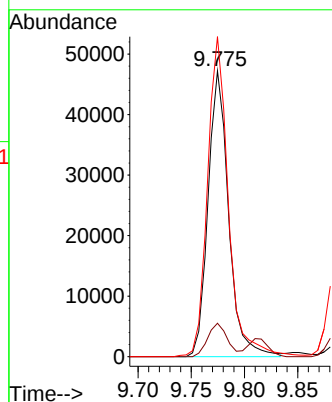
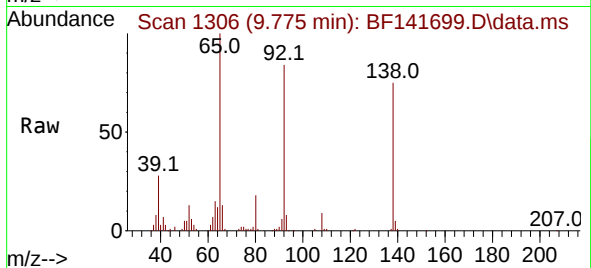
PB166776BS

Tgt Ion:138 Resp: 6357
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 112.0 93.7 140.5

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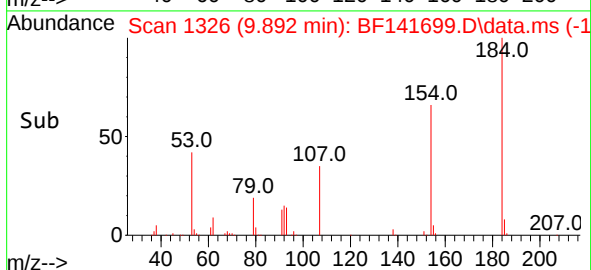
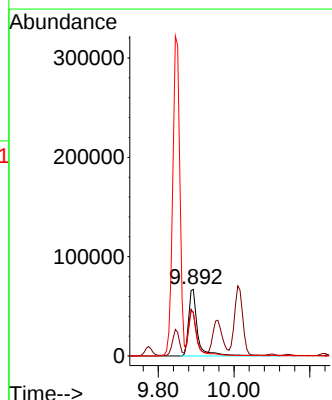
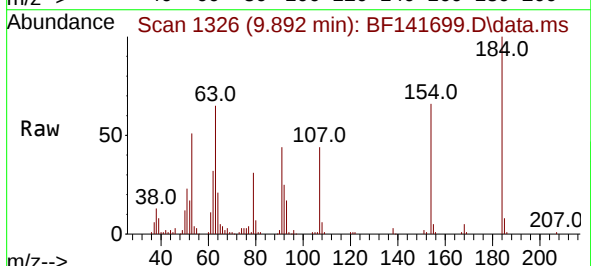
APPROVED

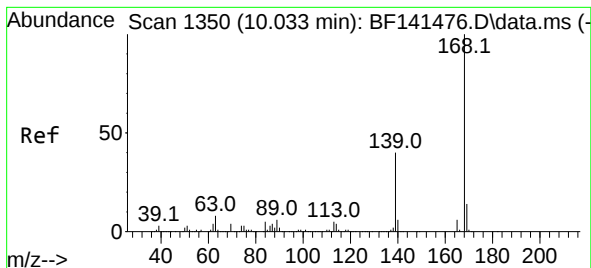
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#54
2,4-Dinitrophenol
Concen: 73.018 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:184 Resp: 111864
Ion Ratio Lower Upper
184 100
63 64.6 61.0 91.6
154 66.3 59.9 89.9





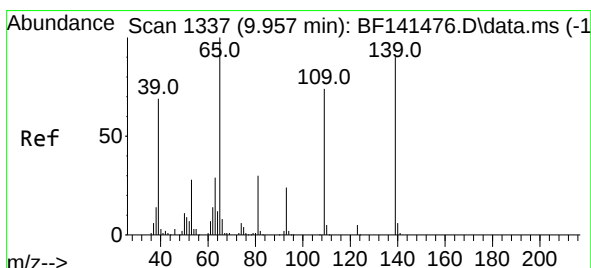
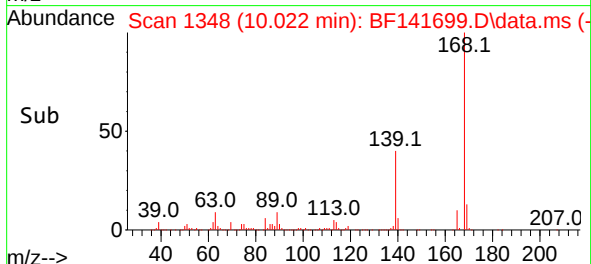
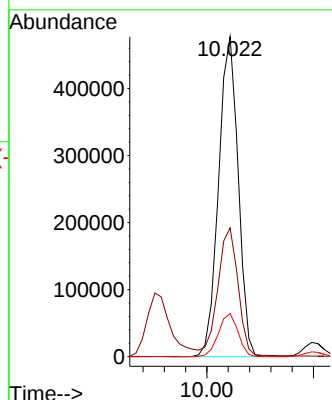
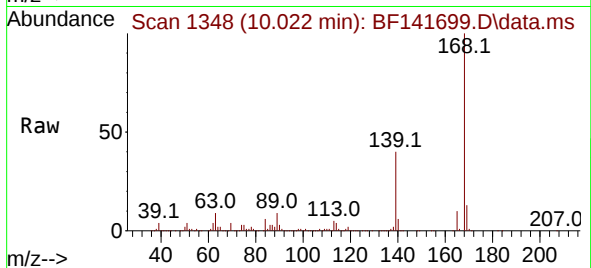
#55
Dibenzenofuran
Concen: 41.588 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:168 Resp: 60783
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 13.4 10.8 16.2

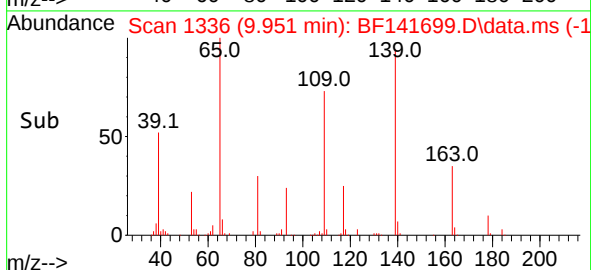
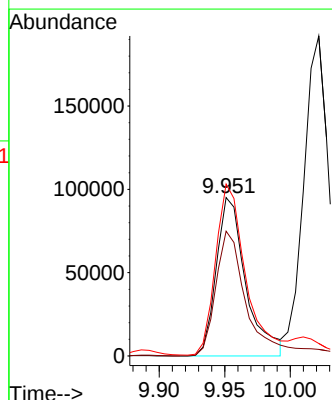
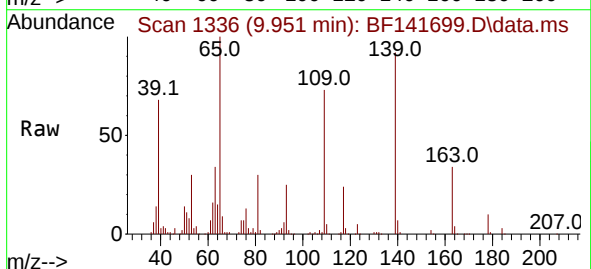
Manual Integrations
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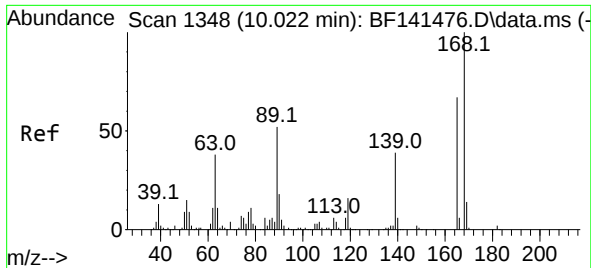
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#56
4-Nitrophenol
Concen: 72.322 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Tgt Ion:139 Resp: 148950
Ion Ratio Lower Upper
139 100
109 78.8 62.0 102.0
65 108.6 91.2 131.2





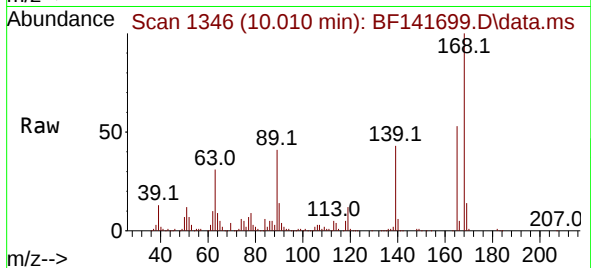
#57
2,4-Dinitrotoluene
Concen: 43.821 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS



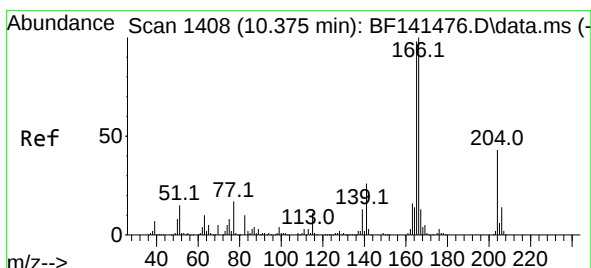
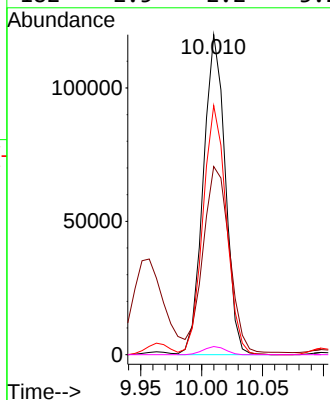
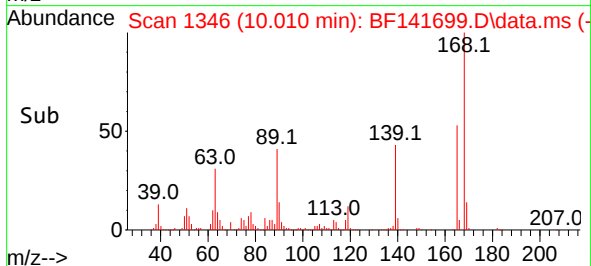
Tgt Ion:165 Resp: 150374
Ion Ratio Lower Upper
165 100
63 58.8 46.4 69.6
89 77.8 61.8 92.6
182 2.5 2.2 3.2

Manual Integrations

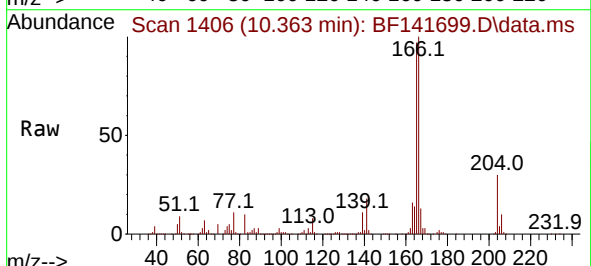
APPROVED

Reviewed By :Rahul Chavli 02/21/2025

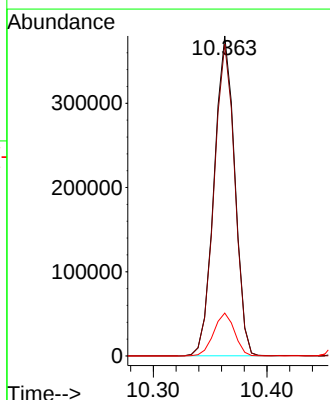
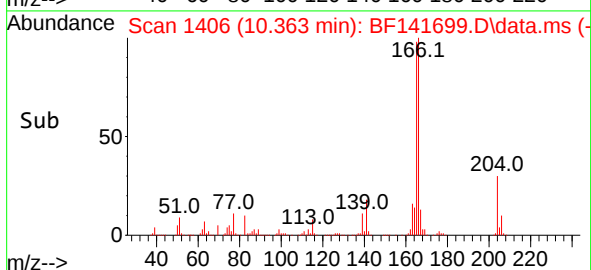
Supervised By :Jagrut Upadhyay 02/21/2025

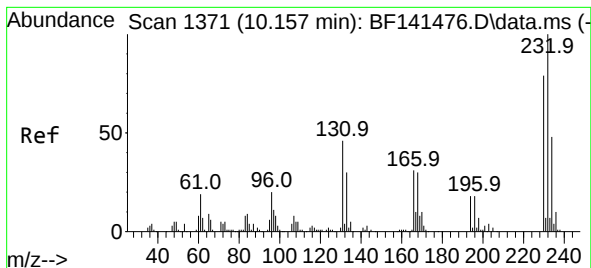


#58
Fluorene
Concen: 42.464 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



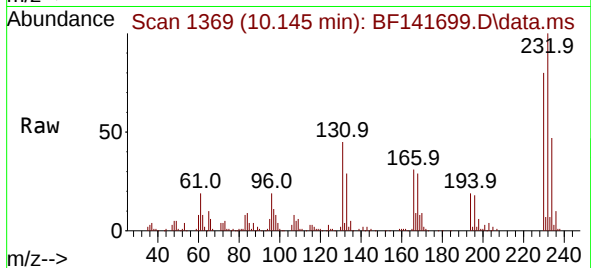
Tgt Ion:166 Resp: 479871
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.961 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

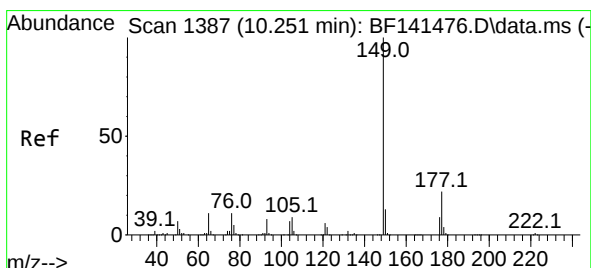
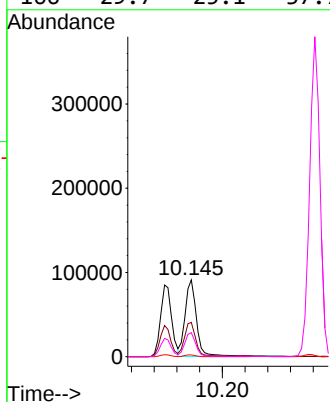
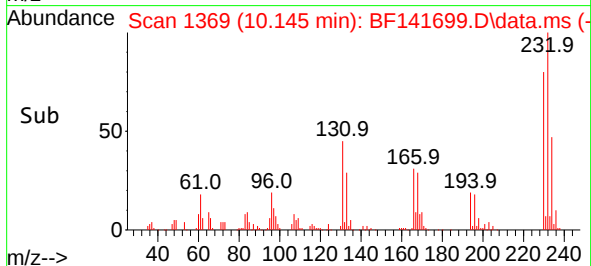
Instrument :
BNA_F
ClientSampleId :
PB166776BS



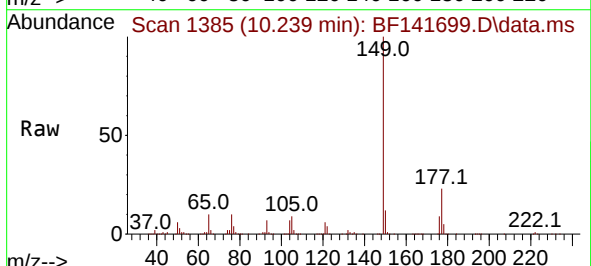
Tgt Ion:232 Resp: 127160
Ion Ratio Lower Upper
232 100
131 44.7 39.2 58.8
130 2.3 2.1 3.1
166 29.7 25.1 37.7

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APPROVED

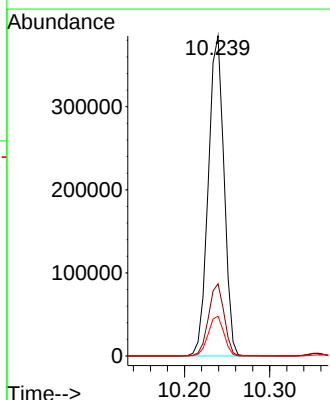
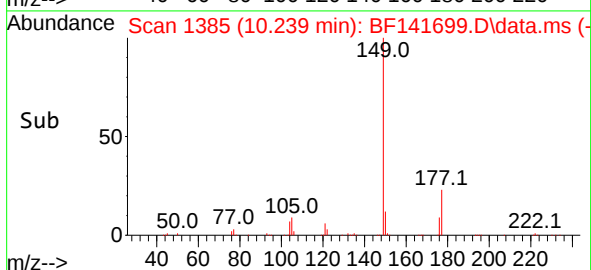
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

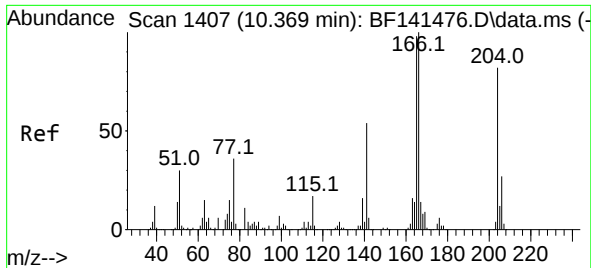


#60
Diethylphthalate
Concen: 42.581 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



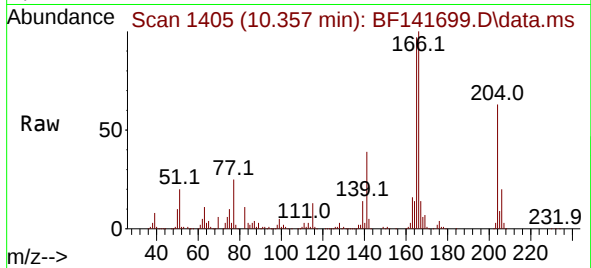
Tgt Ion:149 Resp: 494002
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.877 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

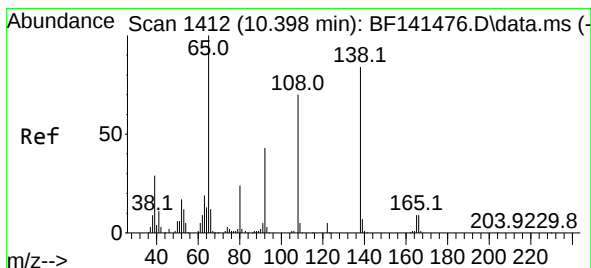
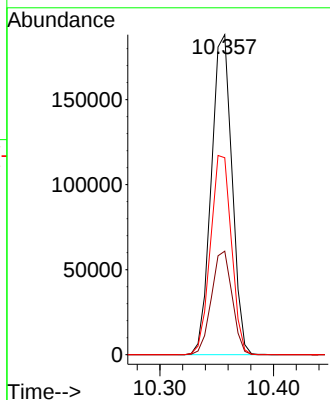
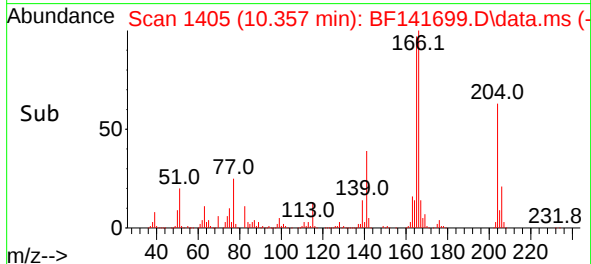
Instrument :
BNA_F
ClientSampleId :
PB166776BS



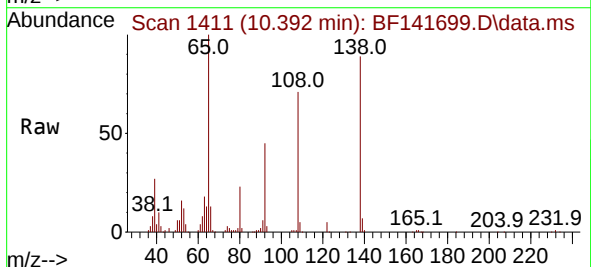
Tgt Ion:204 Resp: 23854
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.5 51.9 77.9

Manual Integrations
APPROVED

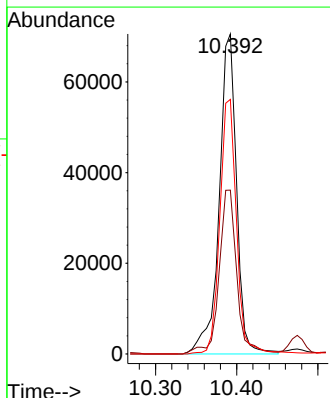
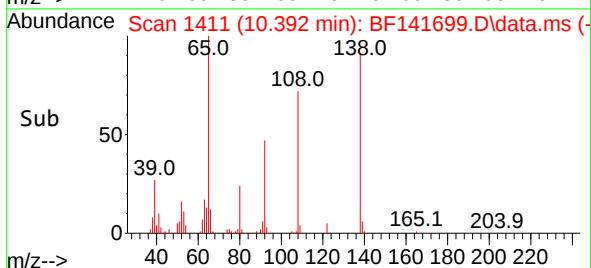
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

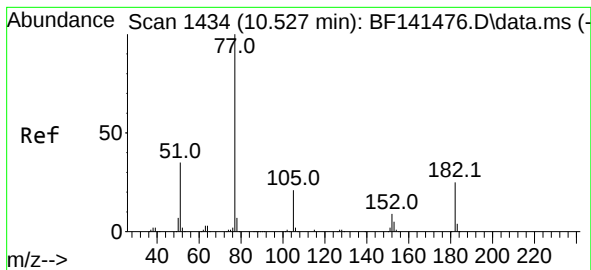


#62
4-Nitroaniline
Concen: 37.360 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



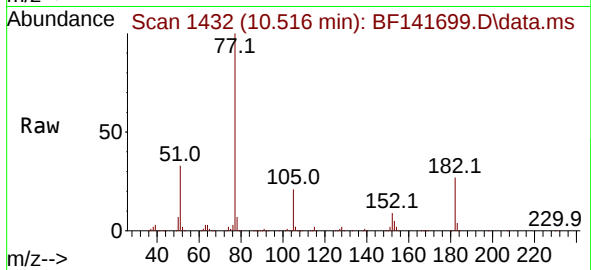
Tgt Ion:138 Resp: 105249
Ion Ratio Lower Upper
138 100
92 51.2 31.3 71.3
108 79.5 63.7 103.7





#63
Azobenzene
Concen: 40.757 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

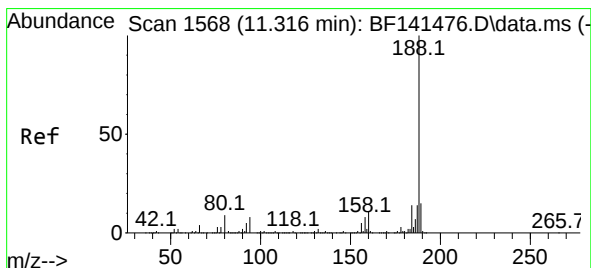
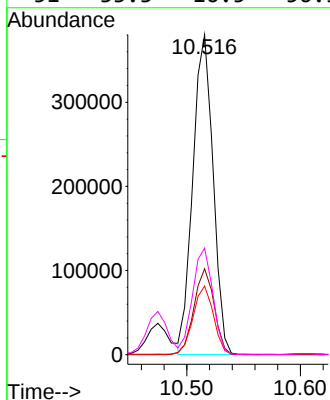
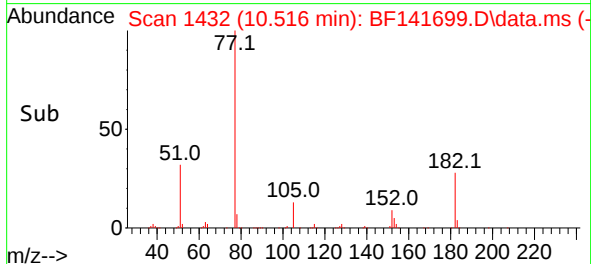
Instrument :
BNA_F
ClientSampleId :
PB166776BS



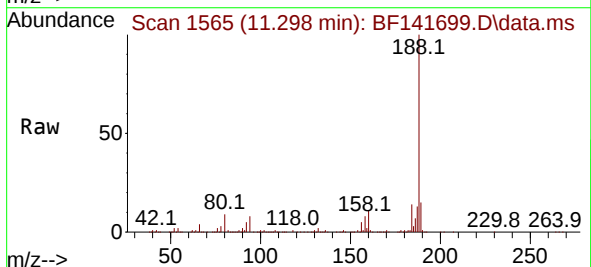
Tgt Ion: 77 Resp: 470068
Ion Ratio Lower Upper
77 100
182 26.9 4.7 44.7
105 21.4 0.4 40.4
51 33.3 16.5 56.5

Manual Integrations
APPROVED

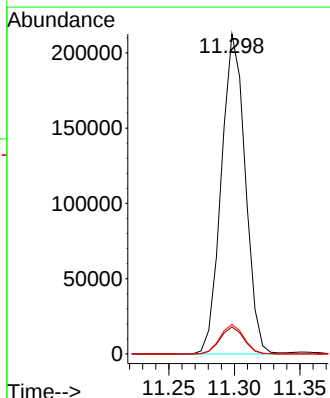
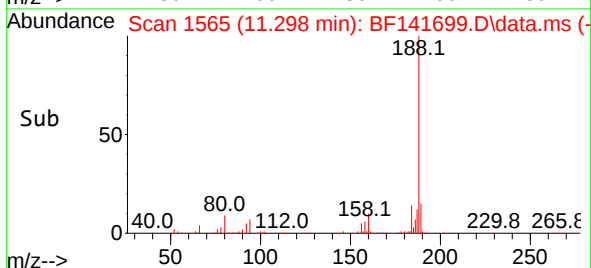
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:188 Resp: 269657
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.2 7.3 10.9





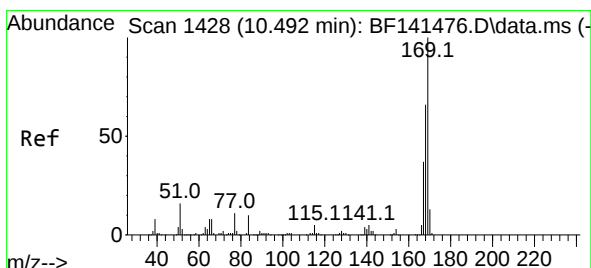
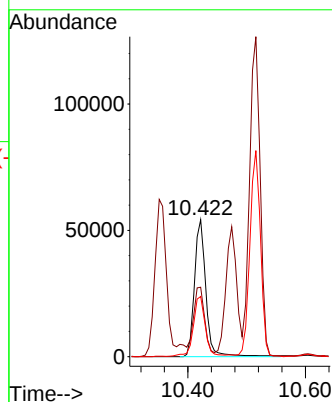
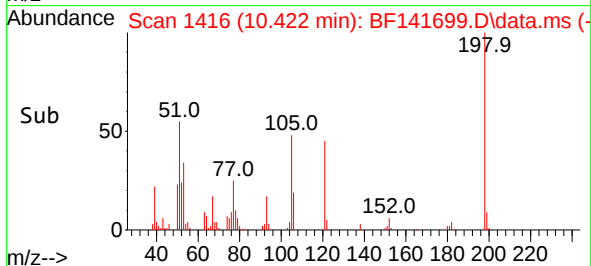
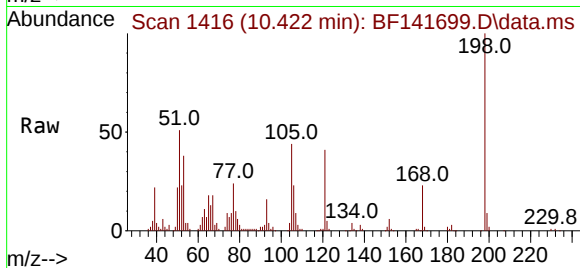
#65
4,6-Dinitro-2-methylphenol
Concen: 39.159 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:198 Resp: 7335
Ion Ratio Lower Upper
198 100
51 50.7 37.4 77.4
105 44.0 25.2 65.2

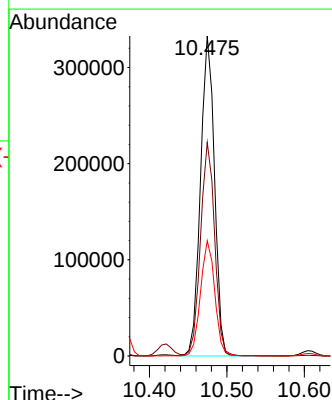
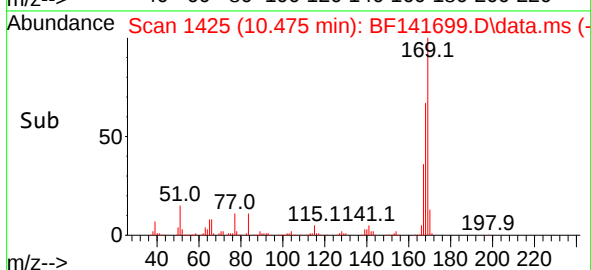
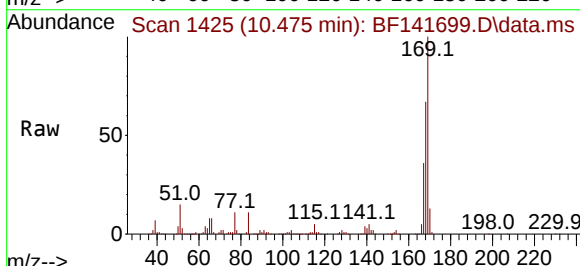
Manual Integrations
APPROVED

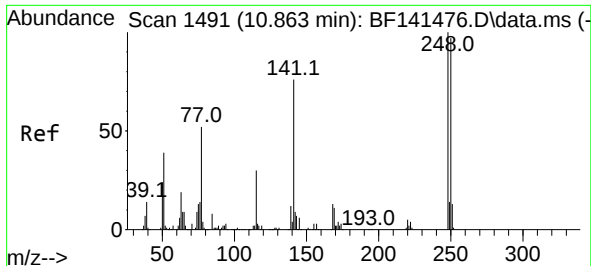
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#66
n-Nitrosodiphenylamine
Concen: 48.223 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

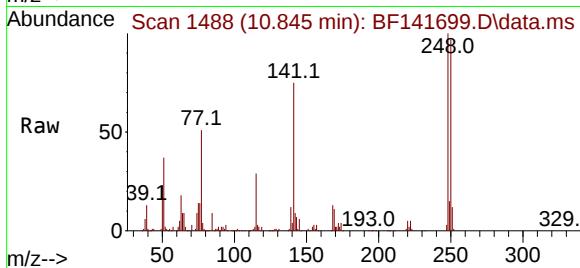
Tgt Ion:169 Resp: 416264
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 47.833 ng
RT: 10.845 min Scan# 1490
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

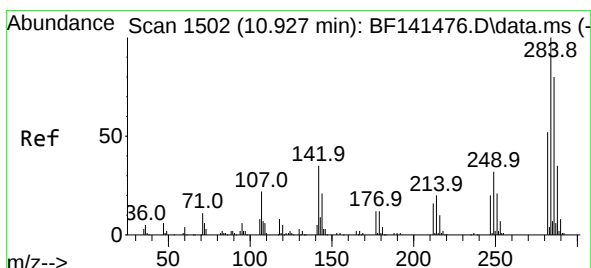
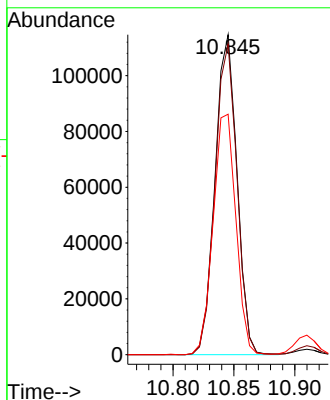
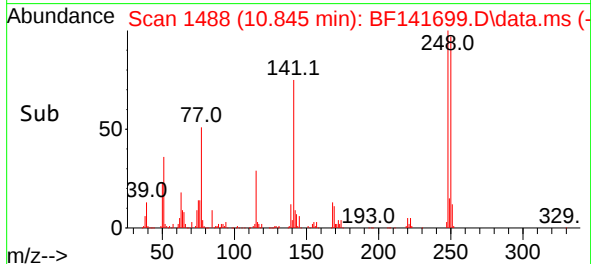
Instrument :
BNA_F
ClientSampleId :
PB166776BS



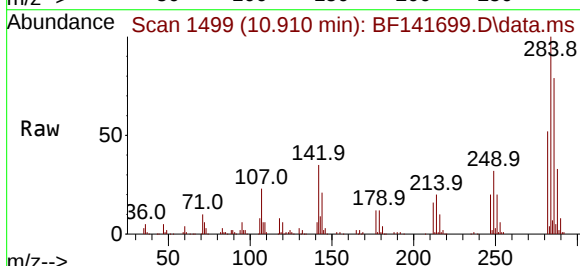
Tgt Ion:248 Resp: 144158
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 75.1 60.6 90.8

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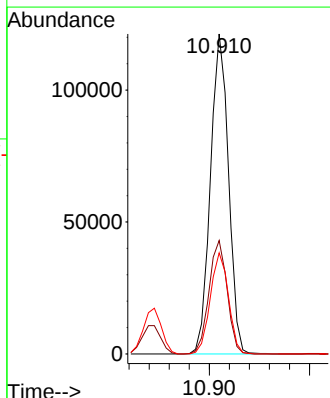
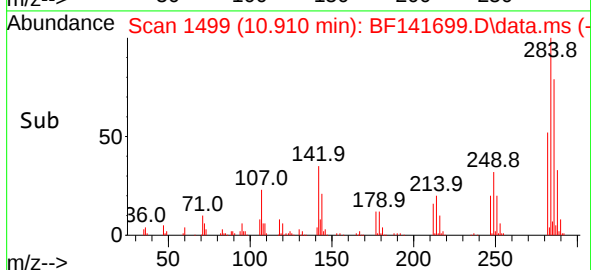
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#68
Hexachlorobenzene
Concen: 48.894 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:284 Resp: 151735
Ion Ratio Lower Upper
284 100
142 35.5 28.0 42.0
249 31.6 25.8 38.8





#69

Atrazine

Concen: 59.012 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

Tgt Ion:200 Resp: 152819

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

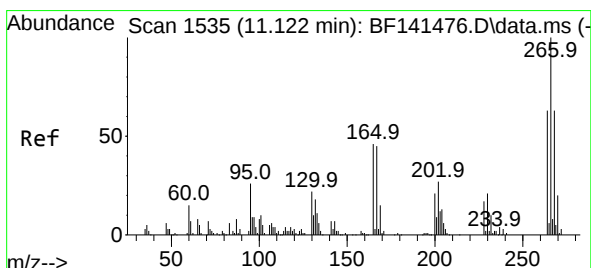
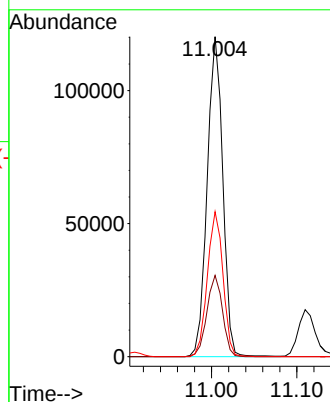
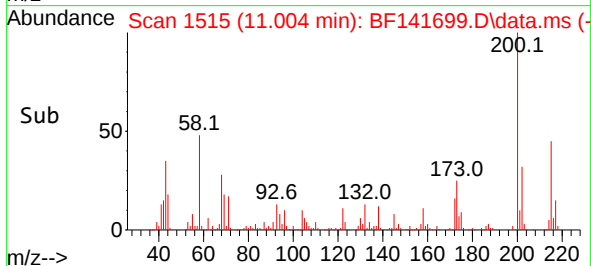
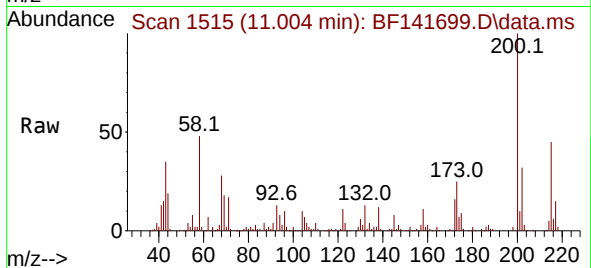
215 45.3 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#70

Pentachlorophenol

Concen: 68.120 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

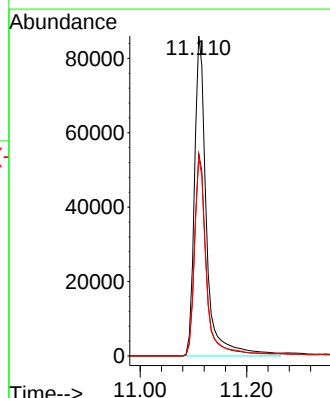
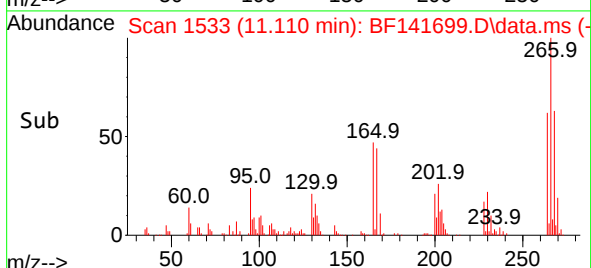
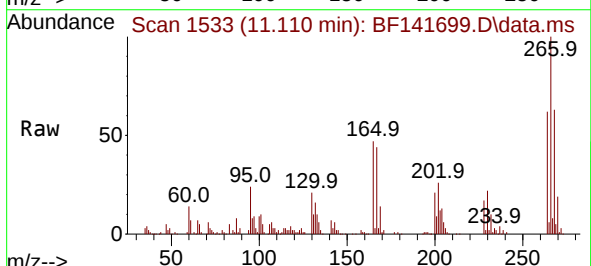
Tgt Ion:266 Resp: 135174

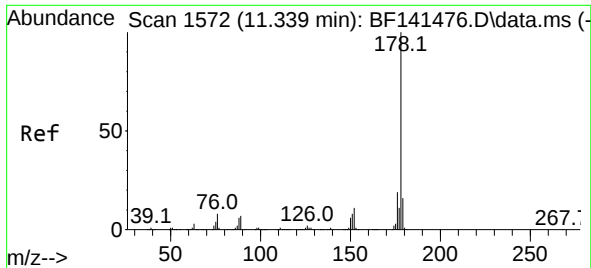
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 61.9 50.1 75.1





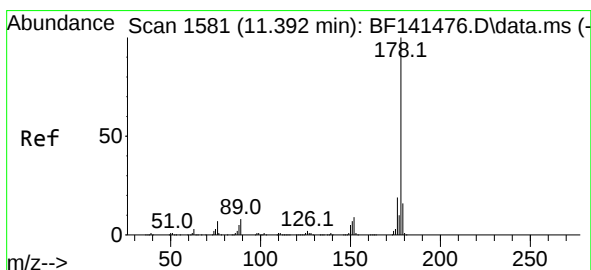
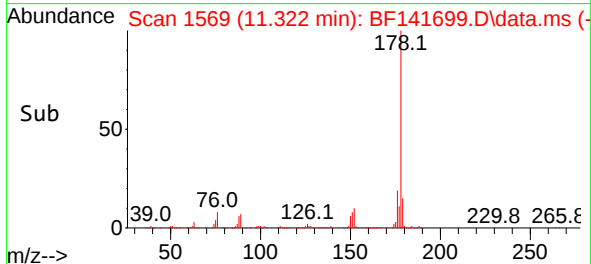
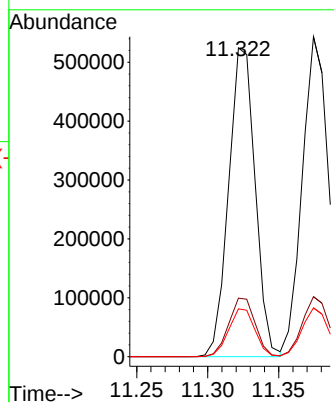
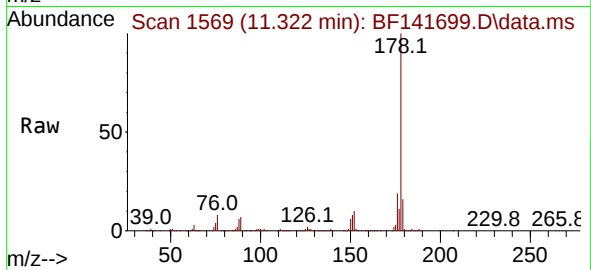
#71
Phenanthrene
Concen: 45.995 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :
BNA_F
ClientSampleId :
PB166776BS

Tgt Ion:178 Resp: 682720
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.4 18.6

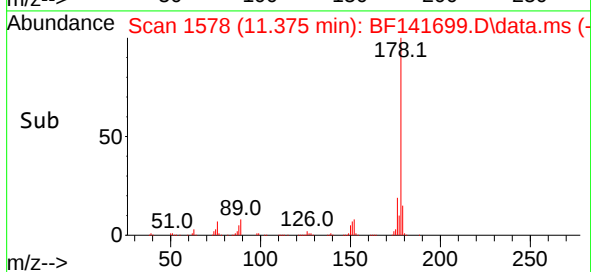
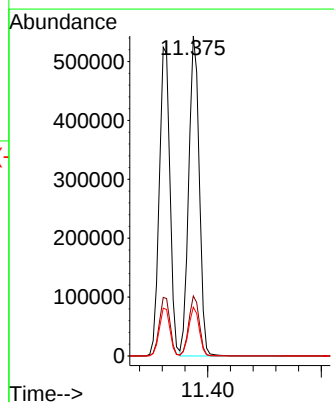
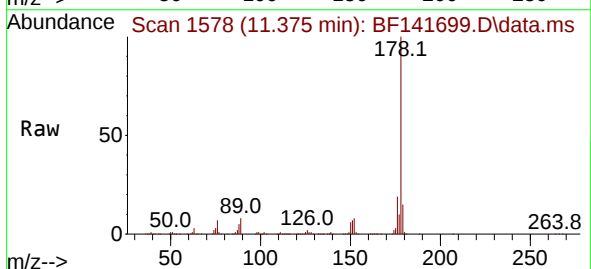
Manual Integrations
APPROVED

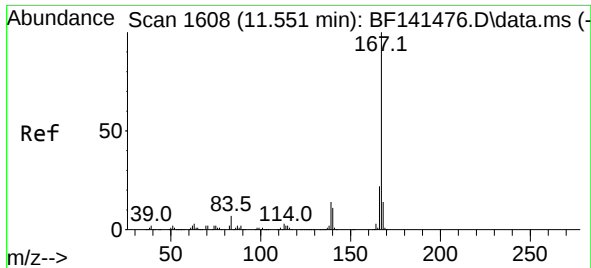
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#72
Anthracene
Concen: 46.767 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

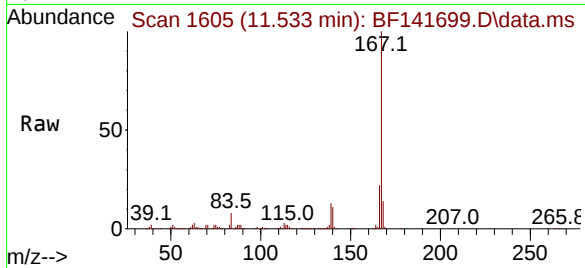
Tgt Ion:178 Resp: 697815
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 42.782 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.018 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

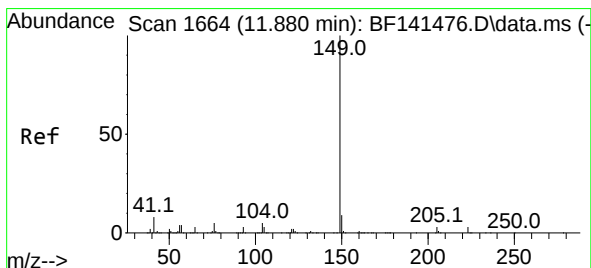
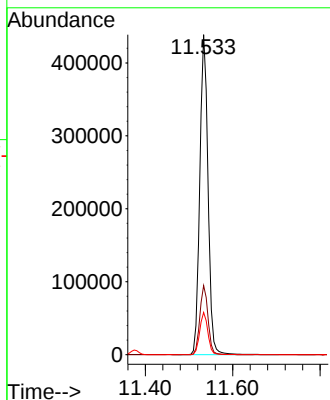
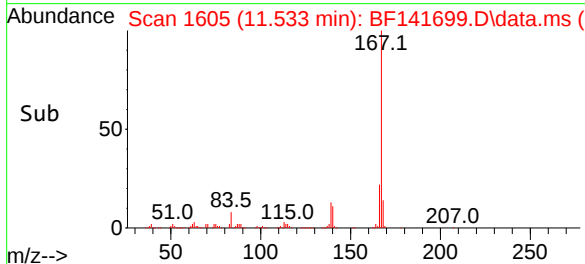
Instrument :
 BNA_F
 ClientSampleId :
 PB166776BS



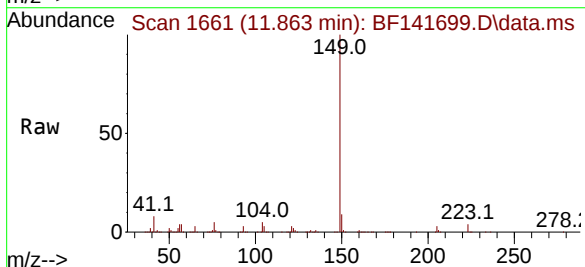
Tgt Ion:167 Resp: 574394
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.2 10.9 16.3

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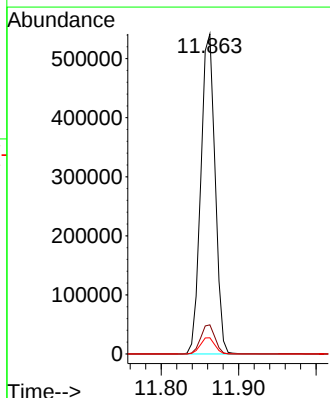
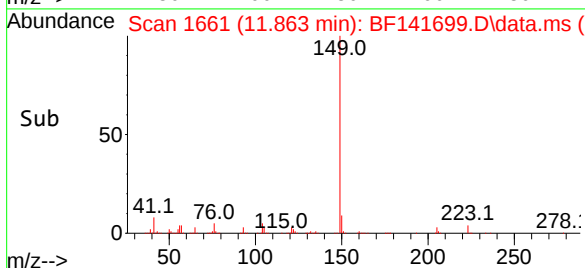
Reviewed By :Rahul Chavli 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025



#74
 Di-n-butylphthalate
 Concen: 44.704 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03



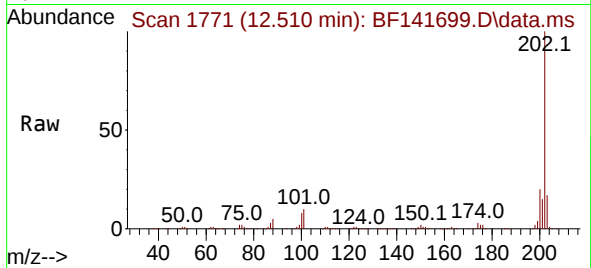
Tgt Ion:149 Resp: 693026
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 41.300 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

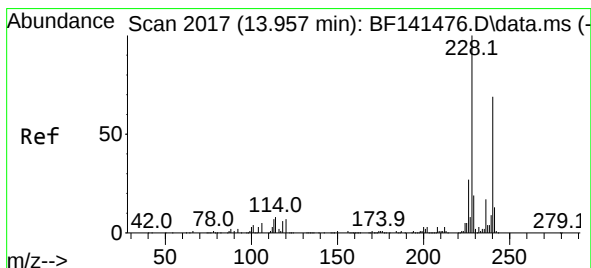
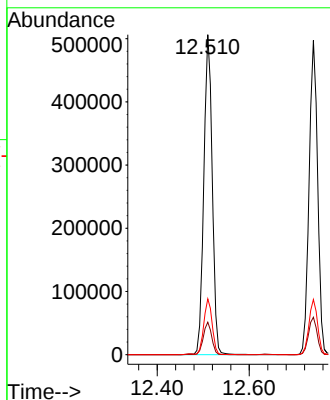
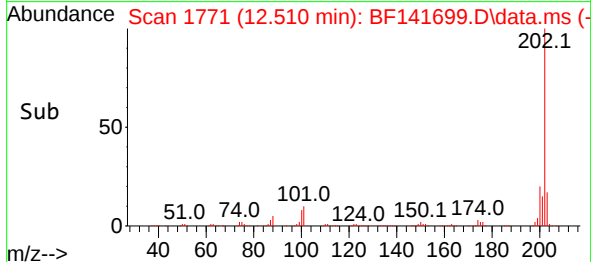
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:202 Resp: 649928
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.4 0.0 37.6

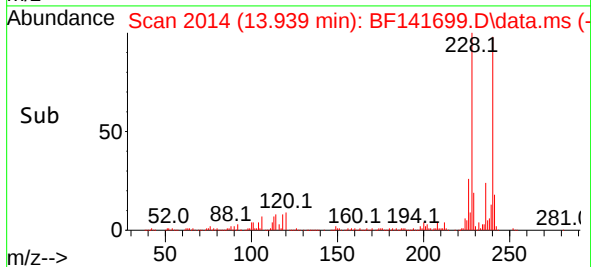
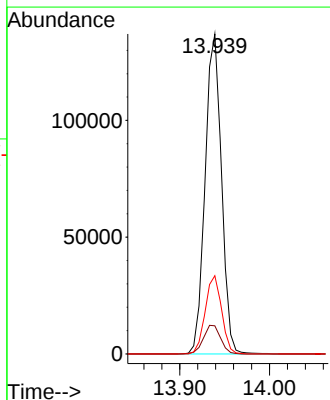
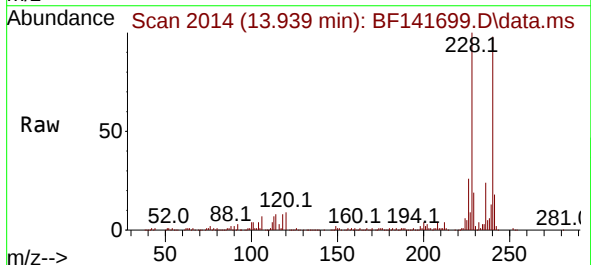
Manual Integrations
APPROVED

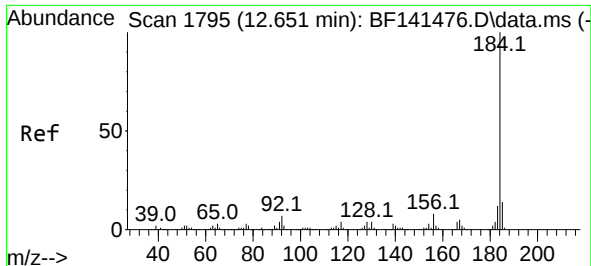
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

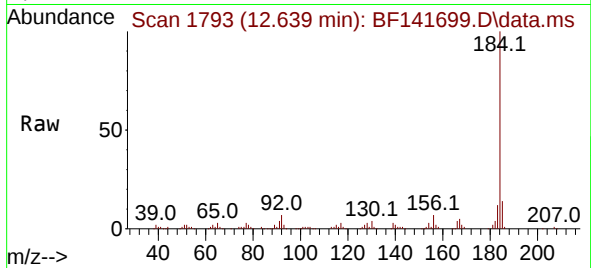
Tgt Ion:240 Resp: 173634
Ion Ratio Lower Upper
240 100
120 8.8 8.0 12.0
236 24.4 19.8 29.8





#77
Benzidine
Concen: 45.047 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

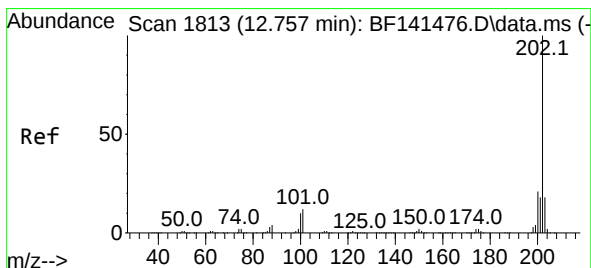
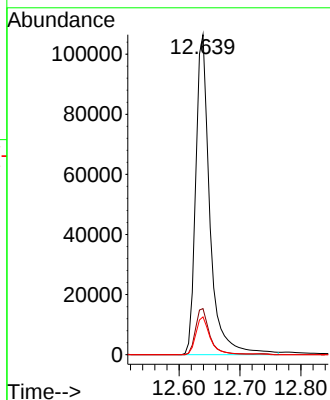
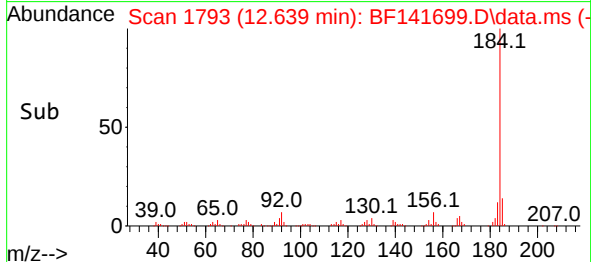
Instrument :
BNA_F
ClientSampleId :
PB166776BS



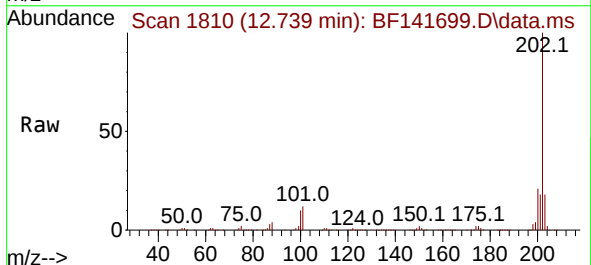
Tgt Ion:184 Resp: 172502
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.8 9.3 13.9

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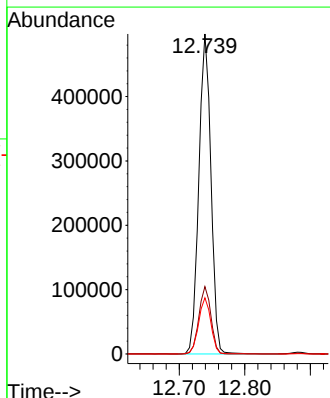
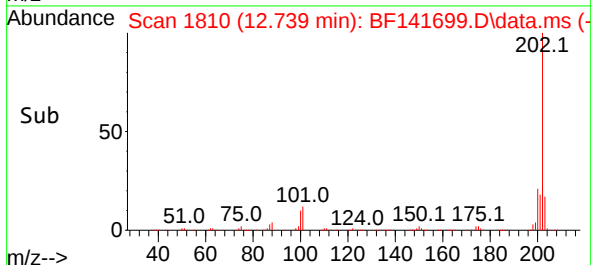
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#78
Pyrene
Concen: 43.280 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:202 Resp: 639725
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.3 21.5





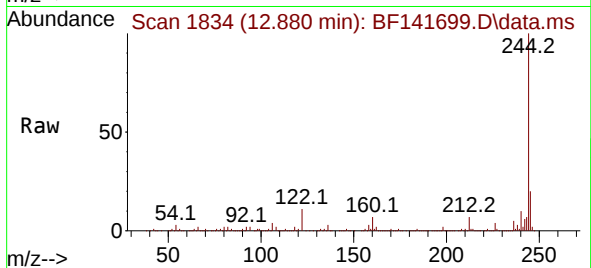
#79
 Terphenyl-d14
 Concen: 96.125 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

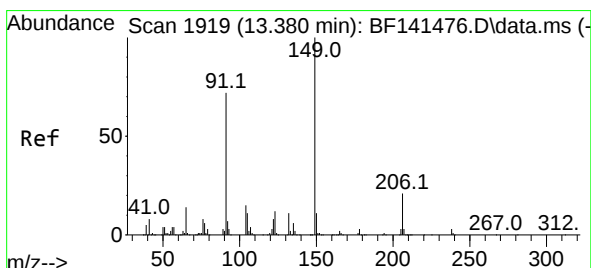
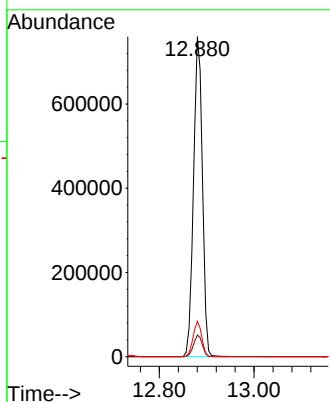
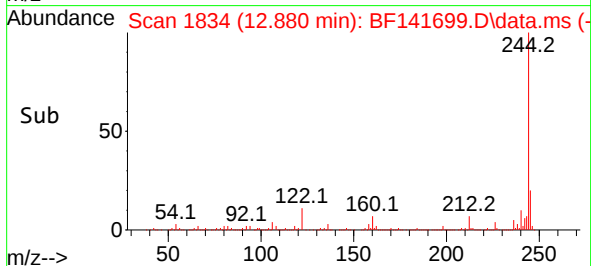


Tgt Ion:244 Resp: 988670
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 8.4 12.6

Manual Integrations

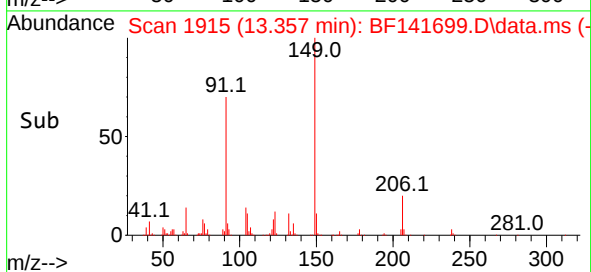
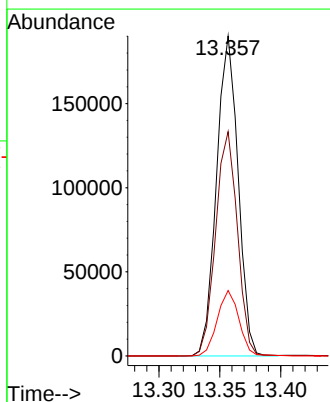
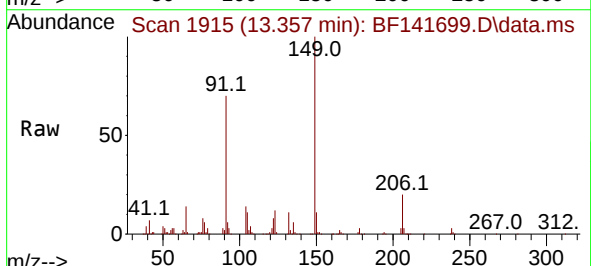
APPROVED

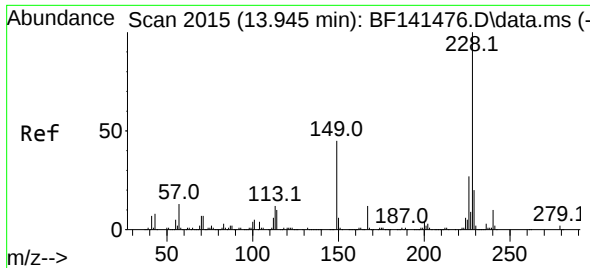
Reviewed By :Rahul Chavli 02/21/2025
 Supervised By :Jagrut Upadhyay 02/21/2025



#80
 Butylbenzylphthalate
 Concen: 45.861 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141699.D
 Acq: 20 Feb 2025 13:03

Tgt Ion:149 Resp: 234796
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.8 86.8
 206 20.4 16.7 25.1





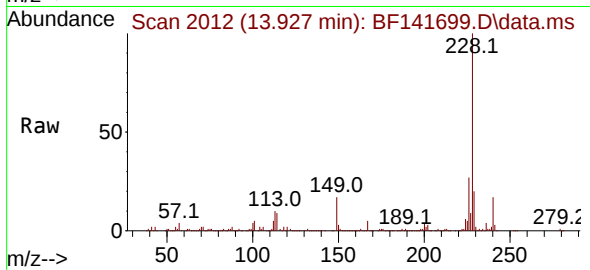
#81
Benzo(a)anthracene
Concen: 44.789 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS

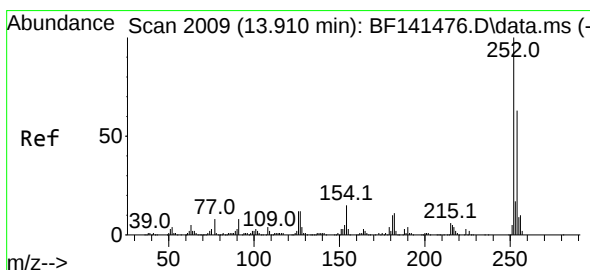
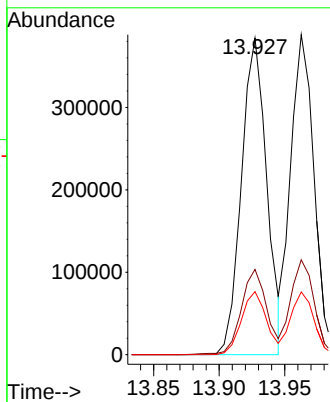
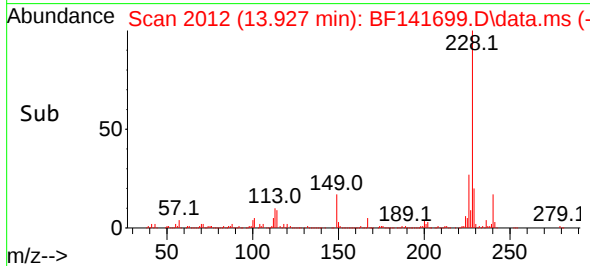


Tgt Ion:228 Resp: 516958
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.9 15.8 23.6

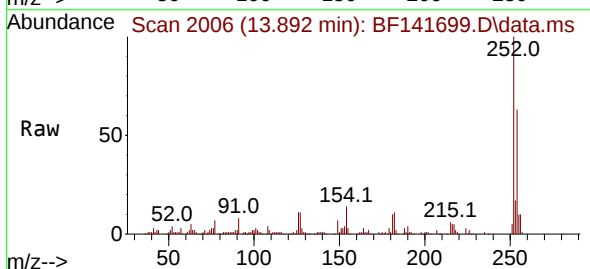
Manual Integrations

APPROVED

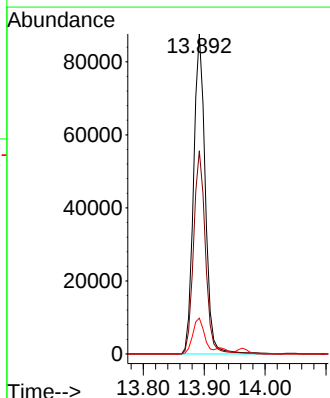
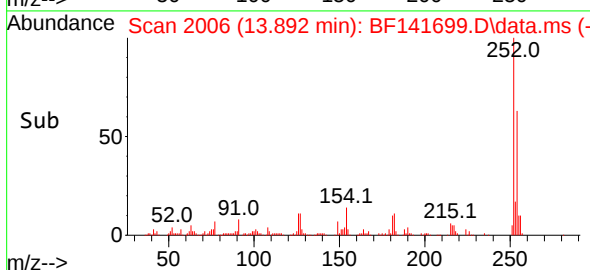
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

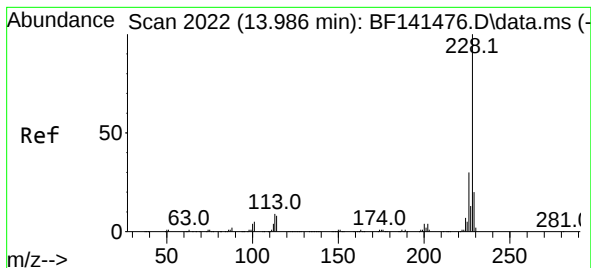


#82
3,3'-Dichlorobenzidine
Concen: 35.357 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:252 Resp: 116901
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 45.226 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.029 min

Lab File: BF141699.D

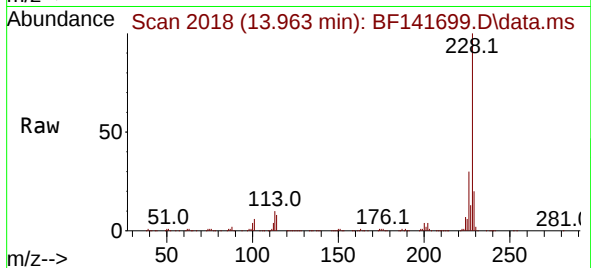
Acq: 20 Feb 2025 13:03

Instrument :

BNA_F

ClientSampleId :

PB166776BS



Tgt Ion:228 Resp: 48198

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

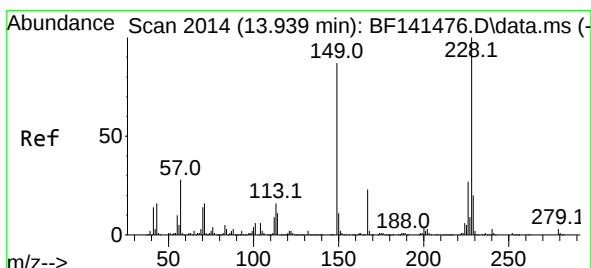
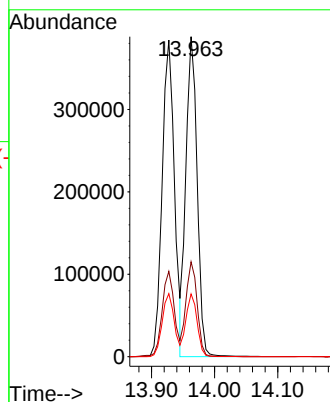
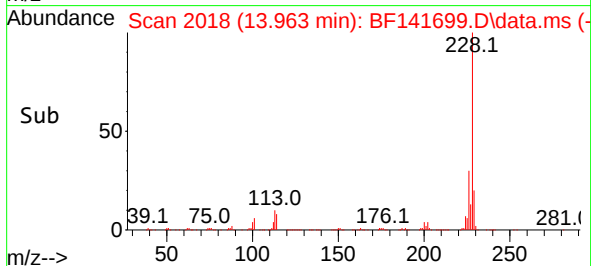
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/21/2025

Supervised By :Jagrut Upadhyay 02/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.646 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141699.D

Acq: 20 Feb 2025 13:03

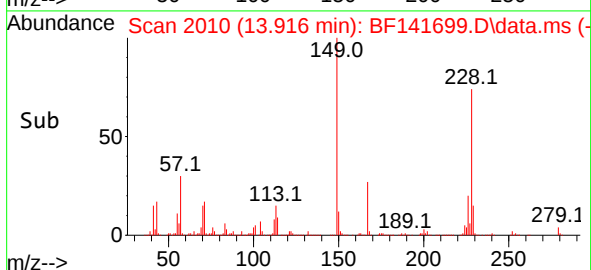
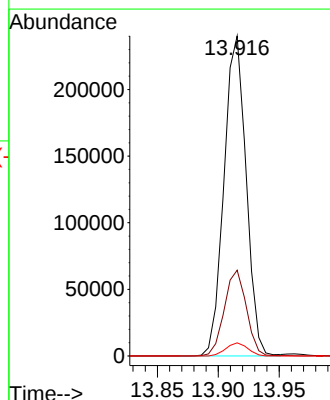
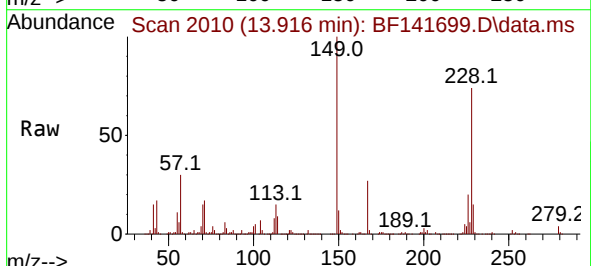
Tgt Ion:149 Resp: 303987

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

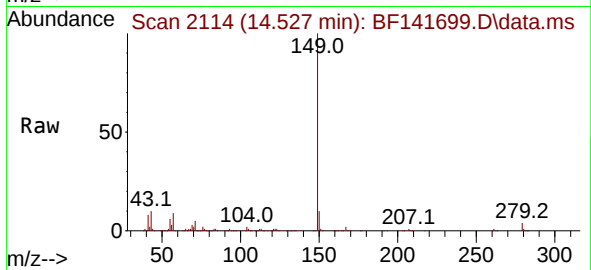
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 58.851 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

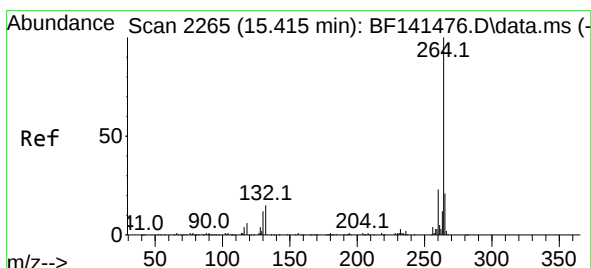
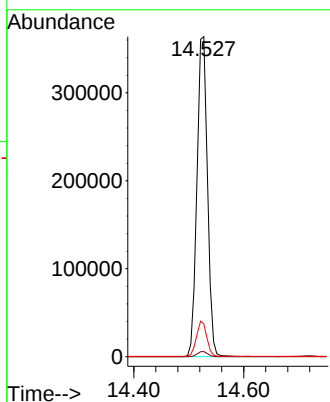
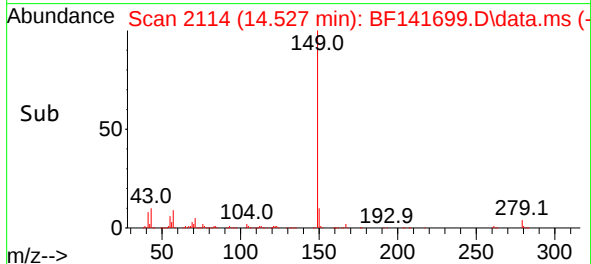
Instrument :
BNA_F
ClientSampleId :
PB166776BS



Tgt Ion:149 Resp: 484777
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.5 14.3

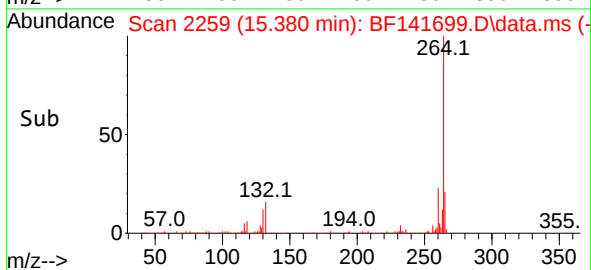
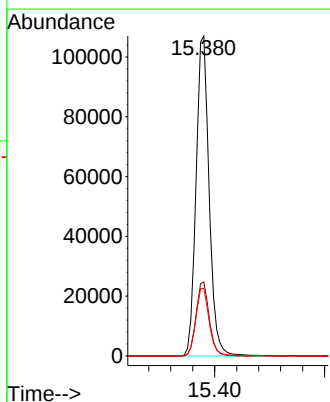
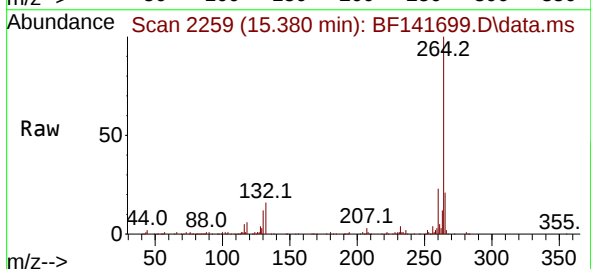
Manual Integrations
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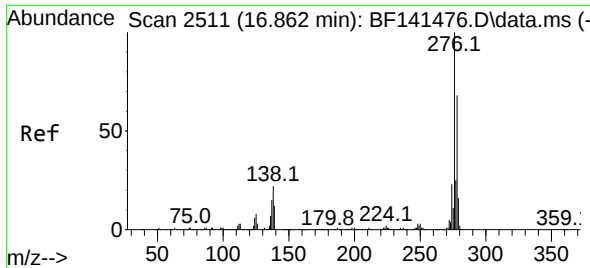
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

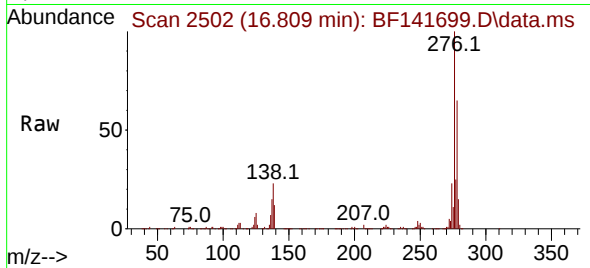
Tgt Ion:264 Resp: 176994
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.864 ng
RT: 16.809 min Scan# 2188
Delta R.T. -0.065 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

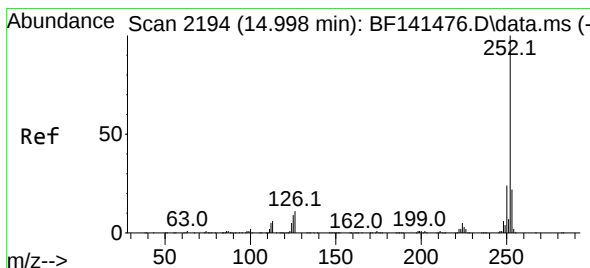
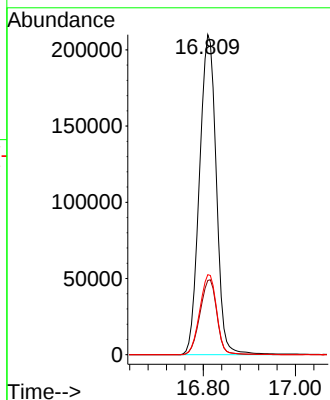
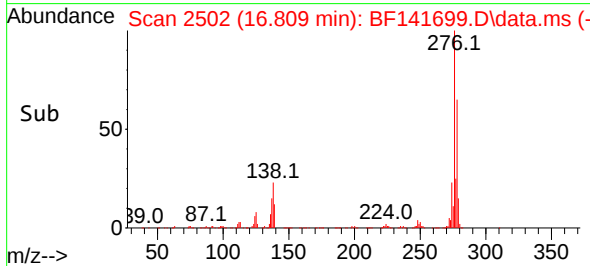
Instrument :
BNA_F
ClientSampleId :
PB166776BS



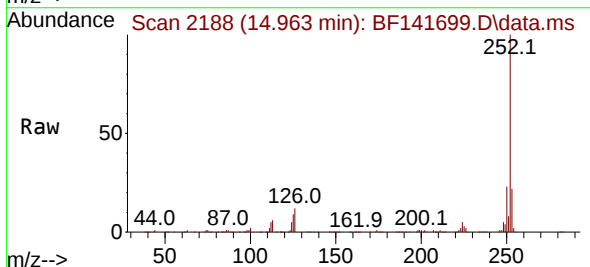
Tgt Ion:276 Resp: 534394
Ion Ratio Lower Upper
276 100
138 23.5 18.0 27.0
277 25.1 20.4 30.6

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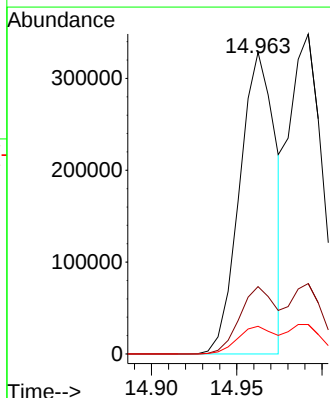
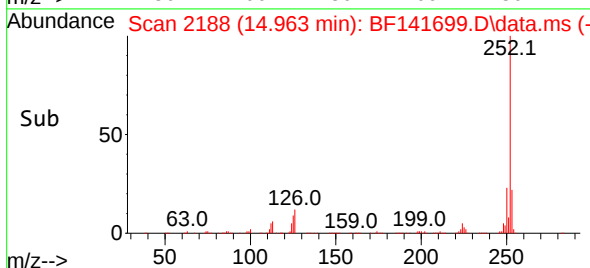
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

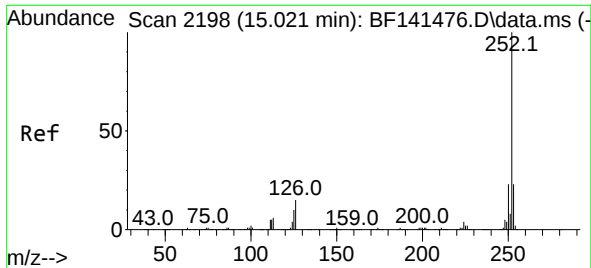


#88
Benzo(b)fluoranthene
Concen: 40.434 ng
RT: 14.963 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



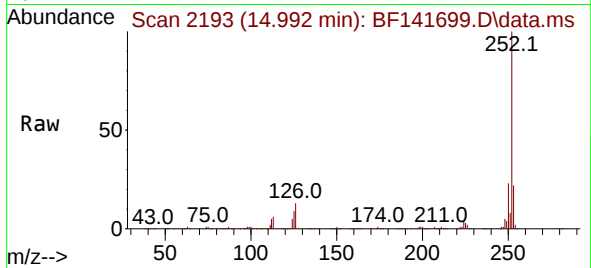
Tgt Ion:252 Resp: 480528
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 46.881 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

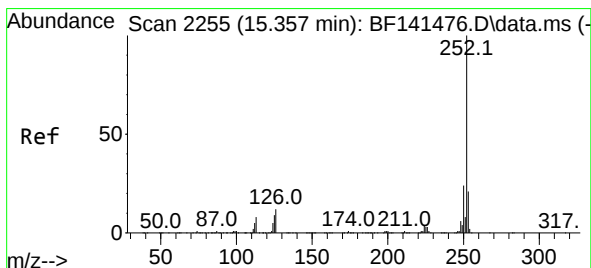
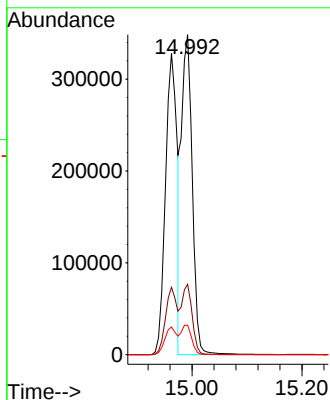
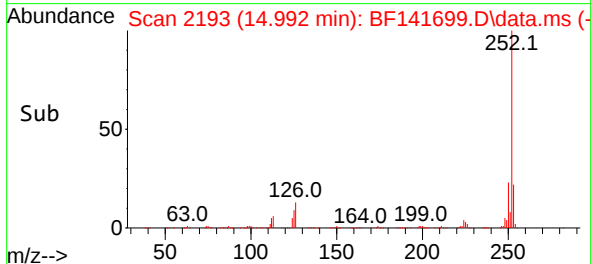
Instrument :
BNA_F
ClientSampleId :
PB166776BS



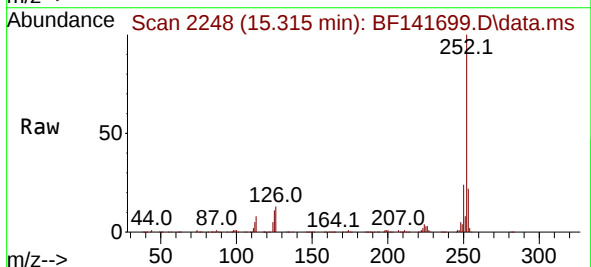
Tgt Ion:252 Resp: 47575
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.2 7.4 11.0

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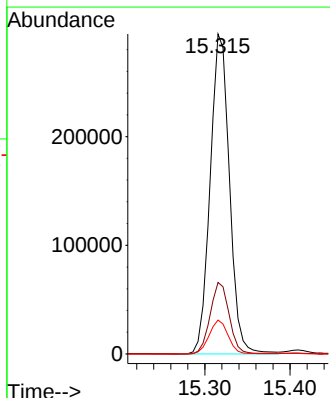
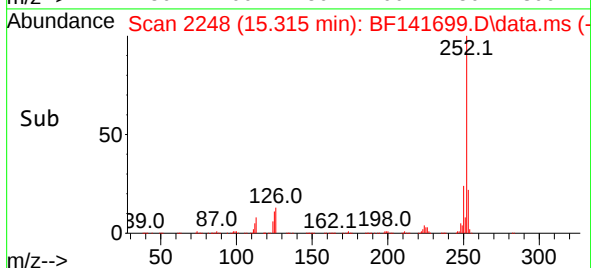
Reviewed By :Rahul Chavli 02/21/2025
Supervised By :Jagrut Upadhyay 02/21/2025

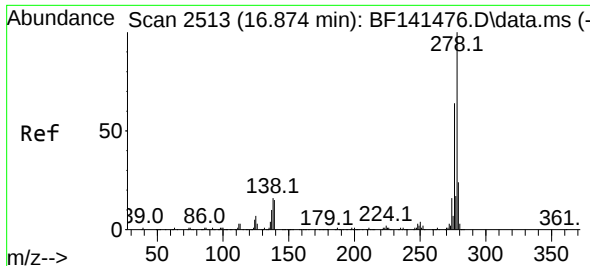


#90
Benzo(a)pyrene
Concen: 48.220 ng
RT: 15.315 min Scan# 2248
Delta R.T. -0.047 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



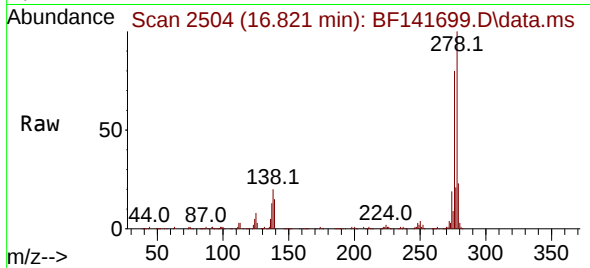
Tgt Ion:252 Resp: 463704
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.6 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 48.511 ng
RT: 16.821 min Scan# 2504
Delta R.T. -0.070 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03

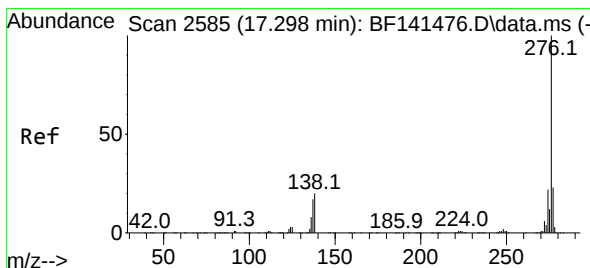
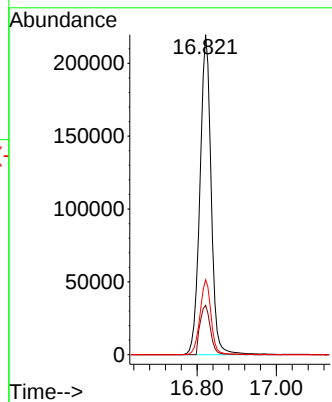
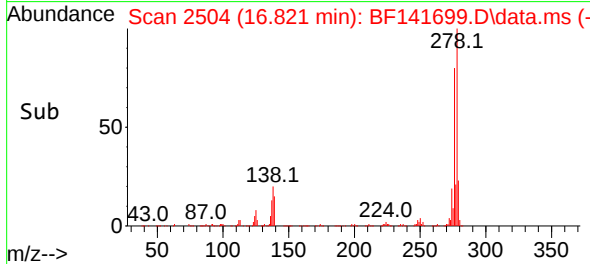
Instrument :
BNA_F
ClientSampleId :
PB166776BS



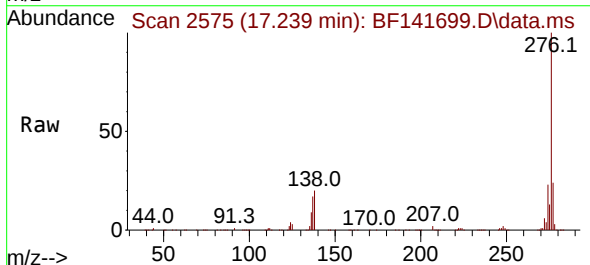
Tgt Ion:278 Resp: 429880
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 23.4 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.452 ng
RT: 17.239 min Scan# 2575
Delta R.T. -0.076 min
Lab File: BF141699.D
Acq: 20 Feb 2025 13:03



Tgt Ion:276 Resp: 412214
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.5 15.9 23.9

