

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141693.D
 Acq On : 20 Feb 2025 00:05
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

Quant Time: Feb 20 02:06:49 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	84080	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	333578	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175620	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	284381	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	159233	20.000	ng	-0.02
86) Perylene-d12	15.380	264	177430	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	468481	87.352	ng	-0.01
7) Phenol-d6	6.422	99	561337	82.811	ng	-0.02
23) Nitrobenzene-d5	7.345	82	511901	80.041	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	138958	78.766	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	964086	84.575	ng	-0.01
79) Terphenyl-d14	12.880	244	840257	89.083	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	94779	43.909	ng	95
3) Pyridine	3.193	79	229986	44.775	ng	97
4) n-Nitrosodimethylamine	3.152	42	129005	37.930	ng	91
6) Aniline	6.445	93	247740	38.961	ng	97
8) 2-Chlorophenol	6.569	128	245940	42.440	ng	98
9) Benzaldehyde	6.334	77	137936	38.293	ng	99
10) Phenol	6.440	94	293175	41.555	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	224785	42.419	ng	99
12) 1,3-Dichlorobenzene	6.722	146	261330	42.715	ng	97
13) 1,4-Dichlorobenzene	6.798	146	266398	42.618	ng	99
14) 1,2-Dichlorobenzene	6.951	146	247985	42.745	ng	100
15) Benzyl Alcohol	6.928	79	207360	39.891	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	352380	38.846	ng	78
17) 2-Methylphenol	7.045	107	187984	41.452	ng	99
18) Hexachloroethane	7.292	117	98871	42.739	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	163637	40.358	ng	95
20) 3+4-Methylphenols	7.198	107	239036	41.476	ng	93
22) Acetophenone	7.192	105	337167	40.633	ng	94
24) Nitrobenzene	7.369	77	253453	40.641	ng	98
25) Isophorone	7.604	82	413093	40.509	ng	99
26) 2-Nitrophenol	7.681	139	131772	42.470	ng	94
27) 2,4-Dimethylphenol	7.722	122	149351	41.204	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	274608	42.025	ng	100
29) 2,4-Dichlorophenol	7.928	162	204723	41.802	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	221676	41.566	ng	99
31) Naphthalene	8.087	128	718945	41.404	ng	99
32) Benzoic acid	7.851	122	126034	33.475	ng	97
33) 4-Chloroaniline	8.139	127	240828	39.725	ng	98
34) Hexachlorobutadiene	8.198	225	135641	42.366	ng	99
35) Caprolactam	8.510	113	58706	39.370	ng	92
36) 4-Chloro-3-methylphenol	8.628	107	215204	39.669	ng	98
37) 2-Methylnaphthalene	8.775	142	461190	40.816	ng	99
38) 1-Methylnaphthalene	8.875	142	441230	40.318	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	217164	42.741	ng	98
41) Hexachlorocyclopentadiene	8.922	237	49825	29.483	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	136859	41.676	ng	100

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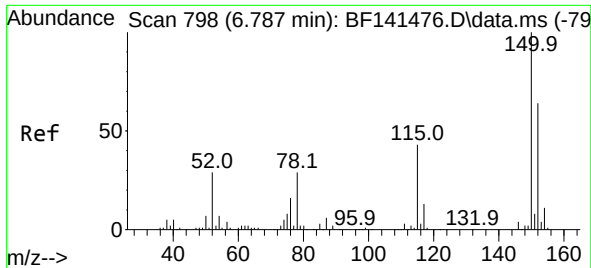
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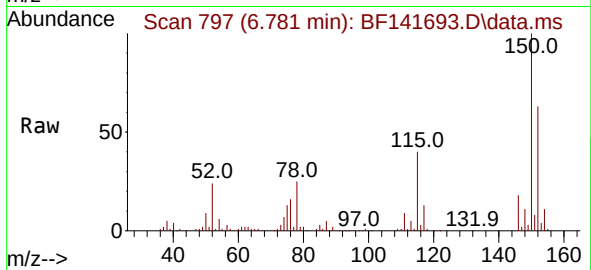
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	147858	41.546	ng	97
46) 1,1'-Biphenyl	9.239	154	576246	42.323	ng	100
47) 2-Chloronaphthalene	9.263	162	423178	42.031	ng	99
48) 2-Nitroaniline	9.363	65	133620	39.545	ng	95
49) Acenaphthylene	9.675	152	624279	41.687	ng	99
50) Dimethylphthalate	9.539	163	501886	42.096	ng	99
51) 2,6-Dinitrotoluene	9.604	165	108613	41.673	ng	98
52) Acenaphthene	9.851	154	407725	40.498	ng	99
53) 3-Nitroaniline	9.775	138	108260	38.593	ng	98
54) 2,4-Dinitrophenol	9.892	184	43173	27.871	ng	91
55) Dibenzofuran	10.022	168	603488	40.838	ng	98
56) 4-Nitrophenol	9.957	139	63683	30.582	ng	92
57) 2,4-Dinitrotoluene	10.010	165	139778	40.286	ng	99
58) Fluorene	10.363	166	467231	40.892	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	124299	40.567	ng	95
60) Diethylphthalate	10.233	149	481565	41.053	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	232006	42.206	ng	96
62) 4-Nitroaniline	10.386	138	104128	36.557	ng	97
63) Azobenzene	10.516	77	465416	39.911	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	70281	35.577	ng	92
66) n-Nitrosodiphenylamine	10.475	169	398837	43.812	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	141150	44.410	ng	98
68) Hexachlorobenzene	10.910	284	142480	43.534	ng	98
69) Atrazine	11.004	200	104658	38.322	ng	99
70) Pentachlorophenol	11.110	266	64773	30.952	ng	97
71) Phenanthrene	11.322	178	645237	41.219	ng	100
72) Anthracene	11.375	178	643493	40.893	ng	100
73) Carbazole	11.533	167	549351	38.799	ng	99
74) Di-n-butylphthalate	11.863	149	686027	41.961	ng	100
75) Fluoranthene	12.510	202	602029	36.275	ng	100
77) Benzidine	12.639	184	135198	38.498	ng	99
78) Pyrene	12.739	202	595275	43.915	ng	100
80) Butylbenzylphthalate	13.357	149	219614	46.775	ng	100
81) Benzo(a)anthracene	13.927	228	441236	41.686	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	137095	45.215	ng	100
83) Chrysene	13.963	228	415159	42.478	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	286347	54.076	ng	100
85) Di-n-octyl phthalate	14.527	149	432533	57.257	ng	97
87) Indeno(1,2,3-cd)pyrene	16.815	276	514199	46.902	ng	99
88) Benzo(b)fluoranthene	14.963	252	431312	36.203	ng	100
89) Benzo(k)fluoranthene	14.992	252	419957m	41.281	ng	
90) Benzo(a)pyrene	15.321	252	394420	40.915	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	419567	47.231	ng	99
92) Benzo(g,h,i)perylene	17.245	276	429072	46.156	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05

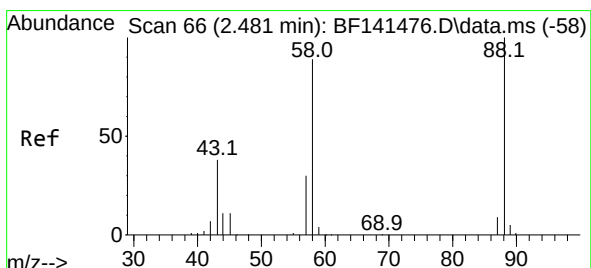
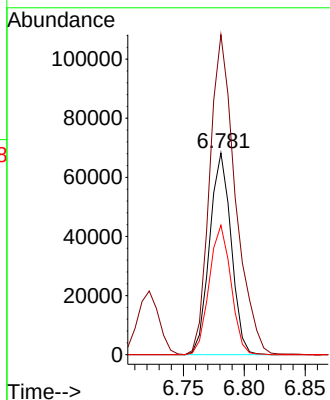
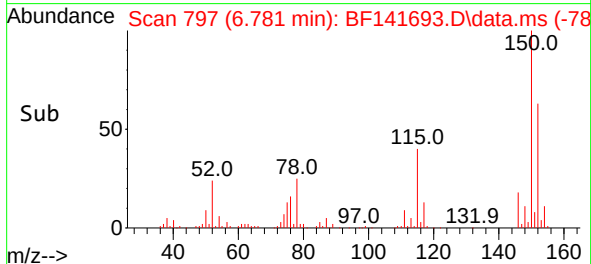
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:152 Resp: 84080
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.0 187.4
 115 64.1 53.6 80.4

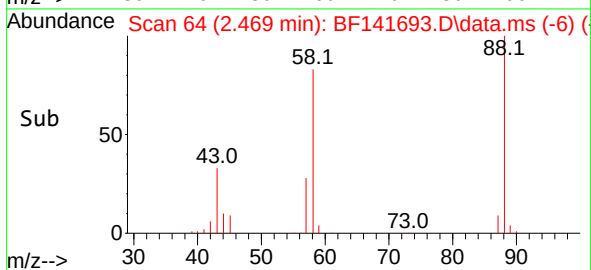
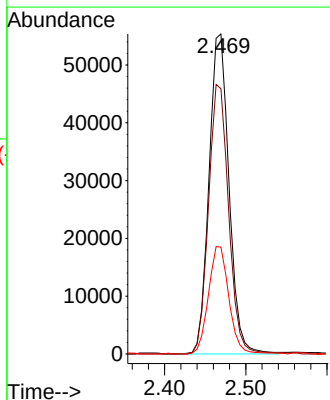
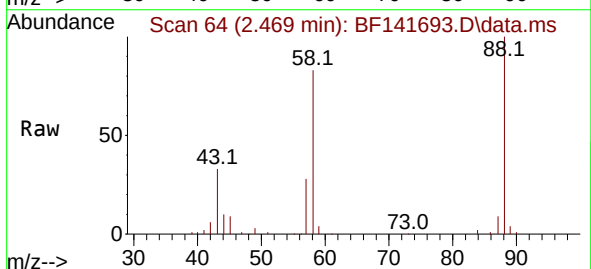
Manual Integrations
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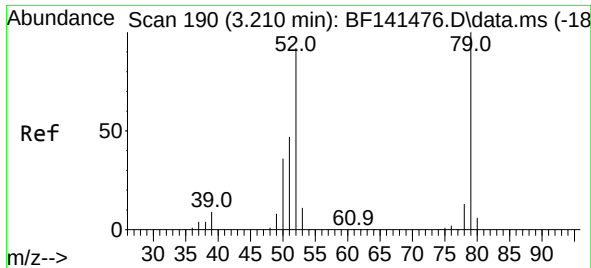
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#2
 1,4-Dioxane
 Concen: 43.909 ng
 RT: 2.469 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05

Tgt Ion: 88 Resp: 94779
 Ion Ratio Lower Upper
 88 100
 58 84.5 71.1 106.7
 43 34.4 30.6 46.0





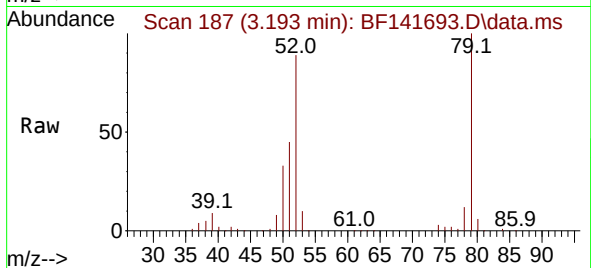
#3
Pyridine
Concen: 44.775 ng
RT: 3.193 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

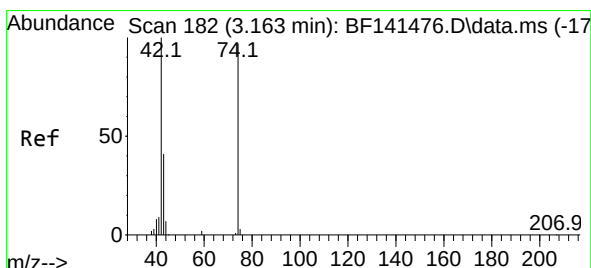
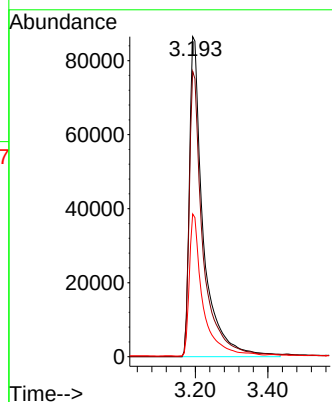
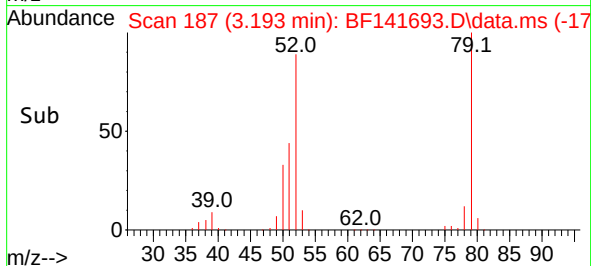


Tgt Ion: 79 Resp: 229980
Ion Ratio Lower Upper
79 100
52 89.2 73.7 110.5
51 44.6 37.5 56.3

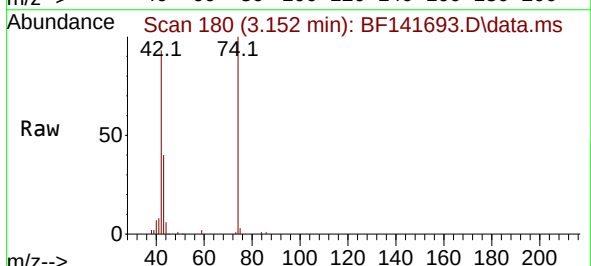
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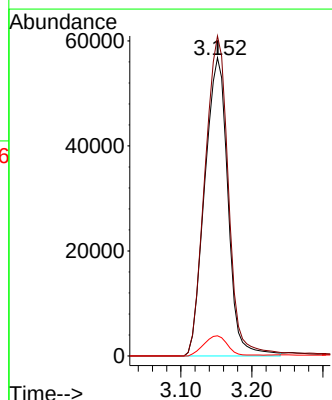
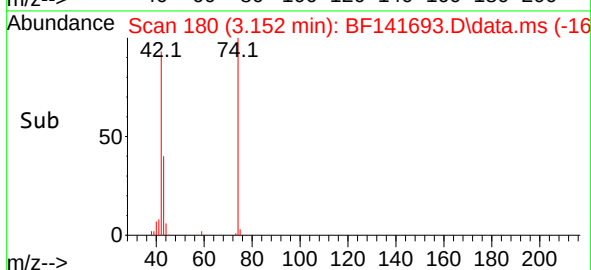
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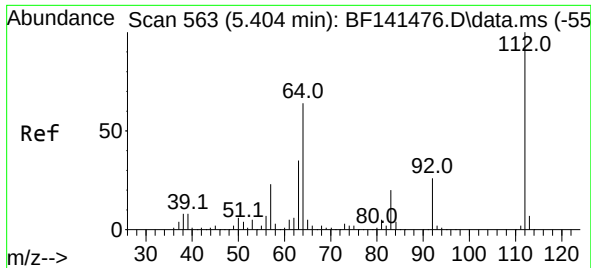


#4
n-Nitrosodimethylamine
Concen: 37.930 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.035 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion: 42 Resp: 129005
Ion Ratio Lower Upper
42 100
74 107.3 78.0 117.0
44 6.8 5.4 8.2





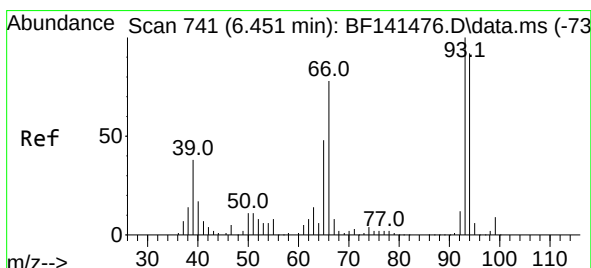
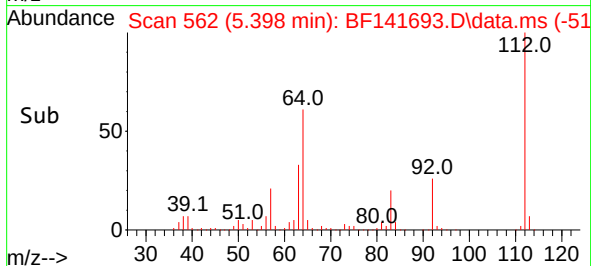
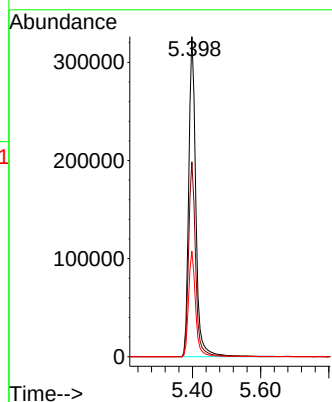
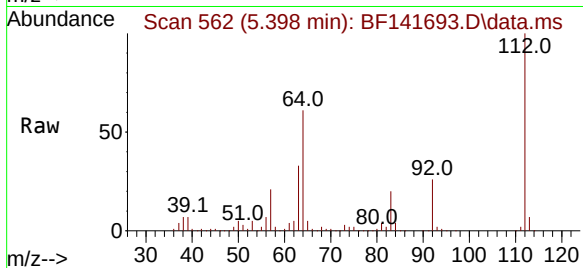
#5
2-Fluorophenol
Concen: 87.352 ng
RT: 5.398 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 46848
Ion Ratio Lower Upper
112 100
64 60.9 51.1 76.7
63 33.0 28.4 42.6

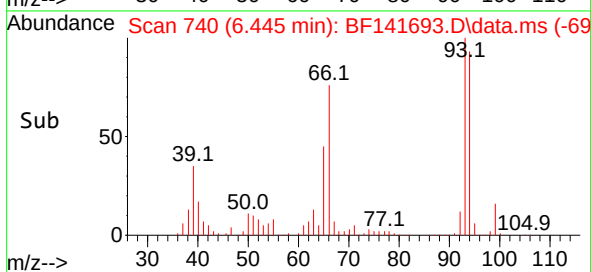
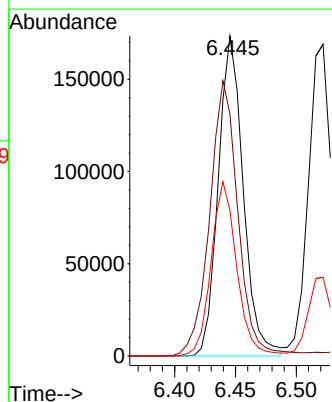
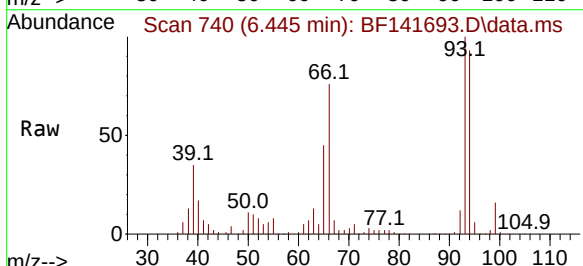
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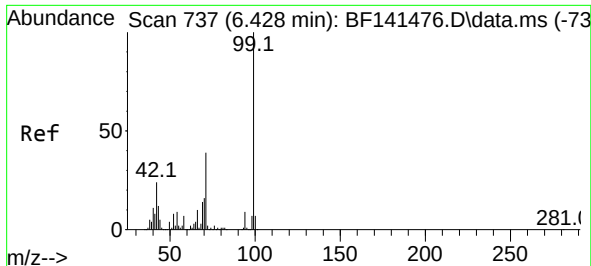
Reviewed By :Anahy Claudio 02/20/2025
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#6
Aniline
Concen: 38.961 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

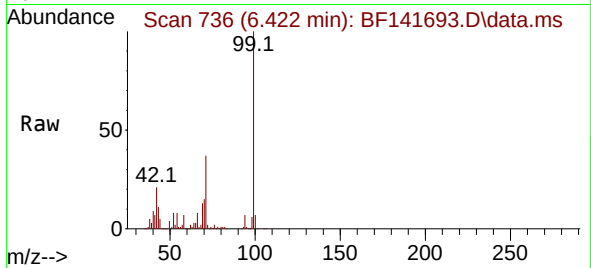
Tgt Ion: 93 Resp: 247740
Ion Ratio Lower Upper
93 100
66 75.6 62.6 94.0
65 45.5 38.3 57.5





#7
Phenol-d6
Concen: 82.811 ng
RT: 6.422 min Scan# 713
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

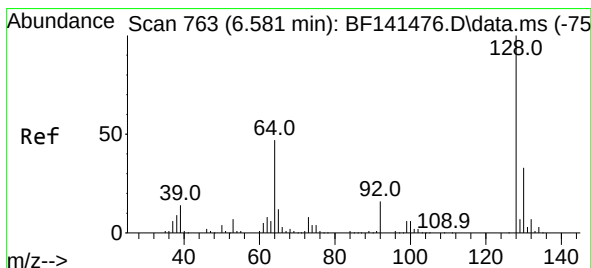
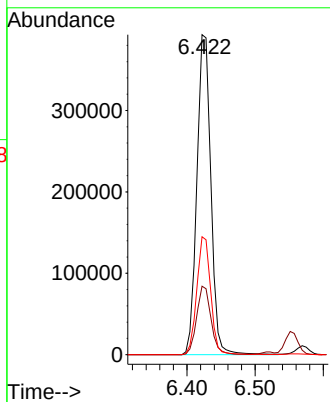
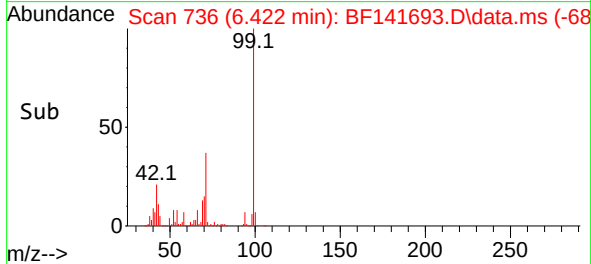
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 56133
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 36.9 31.1 46.7

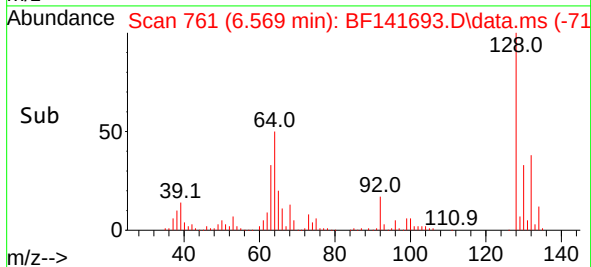
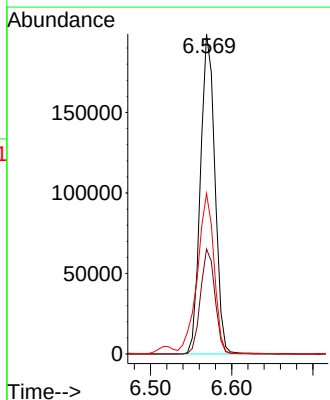
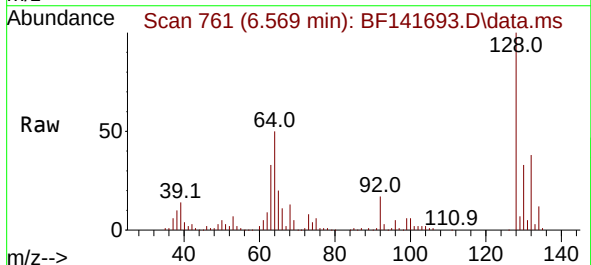
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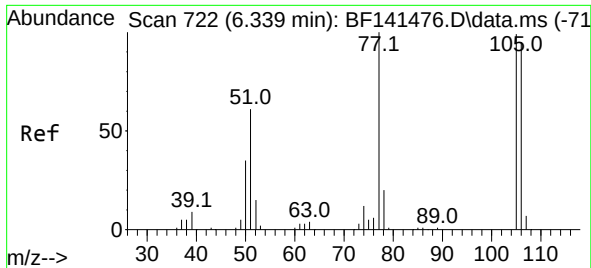
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#8
2-Chlorophenol
Concen: 42.440 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

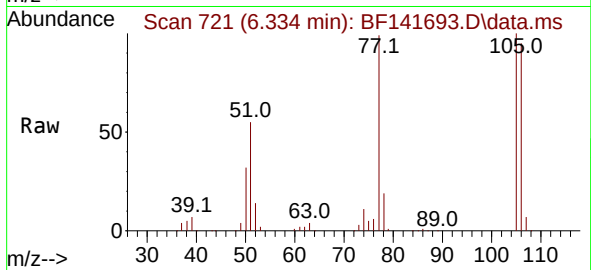
Tgt Ion:128 Resp: 245940
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 50.1 28.3 68.3





#9
Benzaldehyde
Concen: 38.293 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

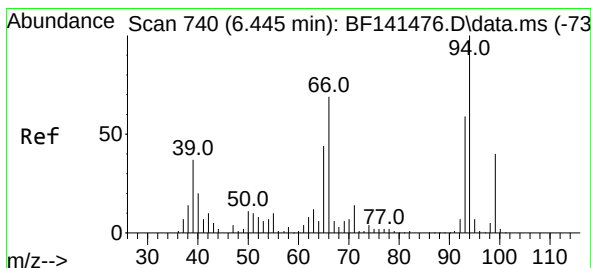
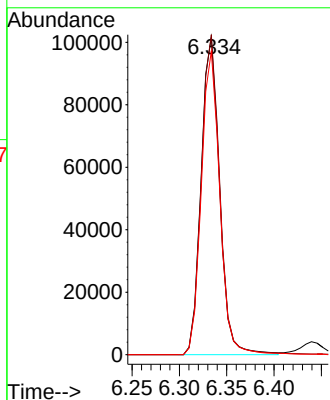
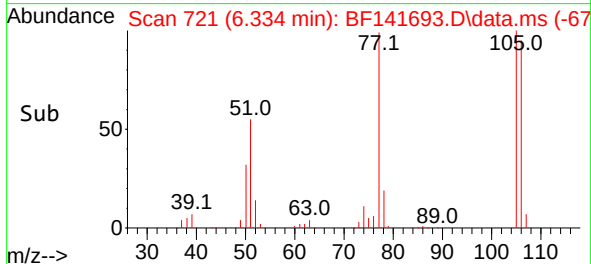
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 137936
Ion Ratio Lower Upper
77 100
105 100.9 79.4 119.4
106 95.7 75.1 115.1

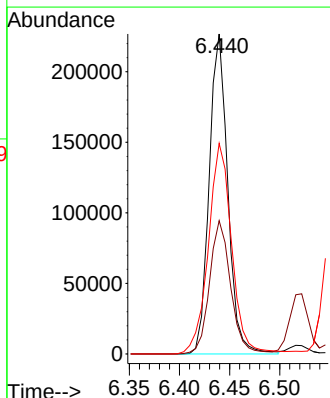
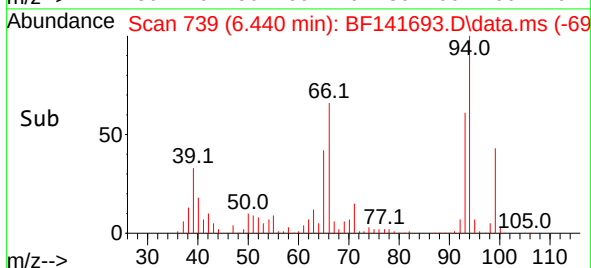
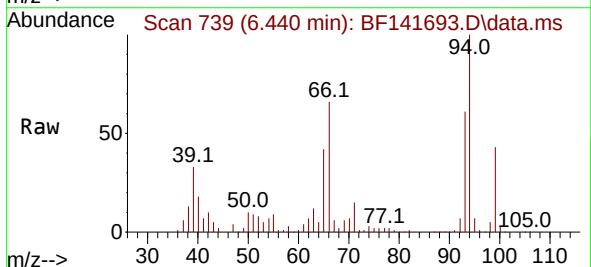
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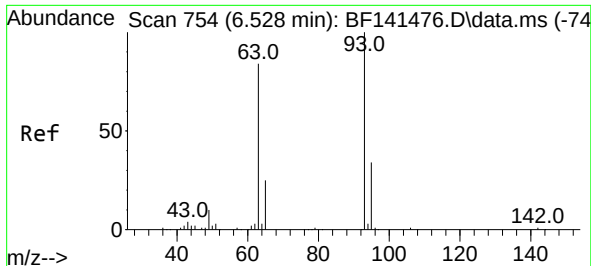
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#10
Phenol
Concen: 41.555 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion: 94 Resp: 293175
Ion Ratio Lower Upper
94 100
65 41.7 23.7 63.7
66 65.8 49.3 89.3





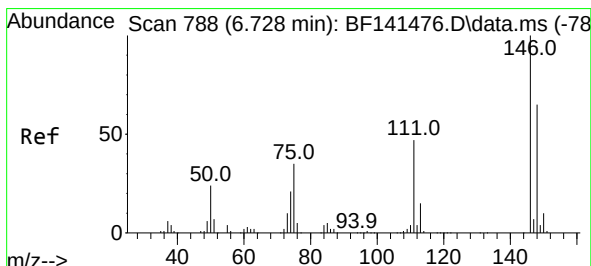
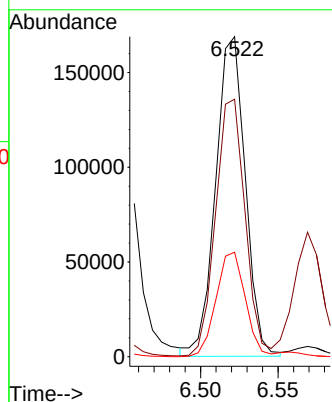
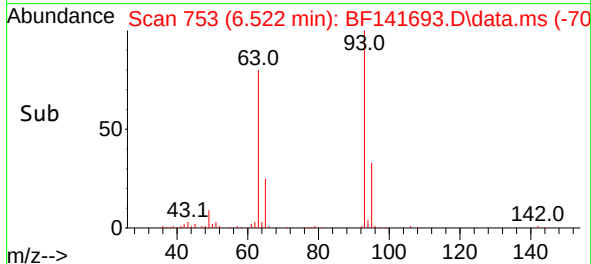
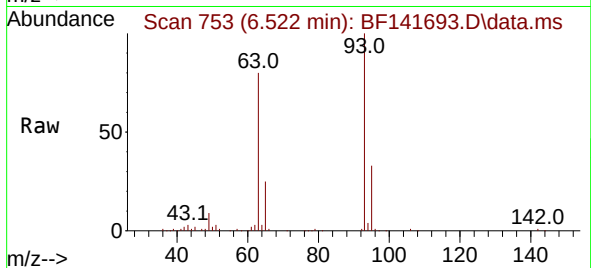
#11
bis(2-Chloroethyl)ether
Concen: 42.419 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 224785
Ion Ratio Lower Upper
93 100
63 80.5 62.0 102.0
95 32.7 12.6 52.6

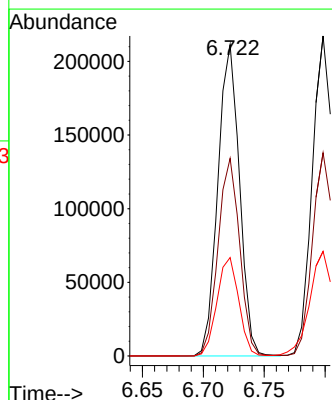
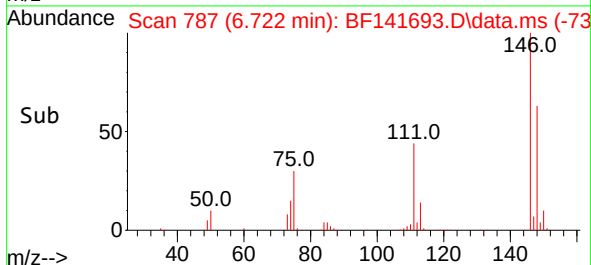
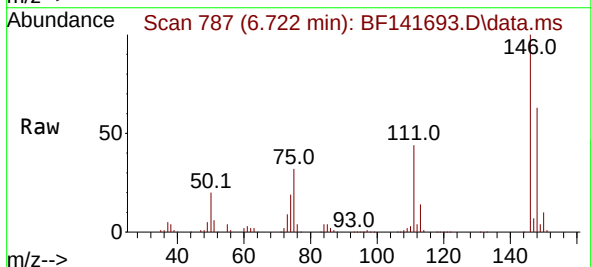
Manual Integrations
APPROVED

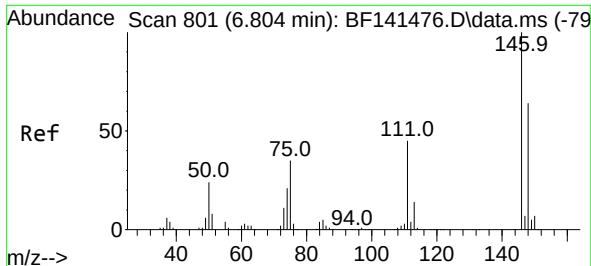
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#12
1,3-Dichlorobenzene
Concen: 42.715 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:146 Resp: 261330
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 31.6 28.2 42.2





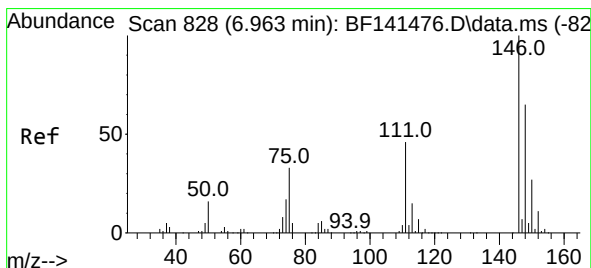
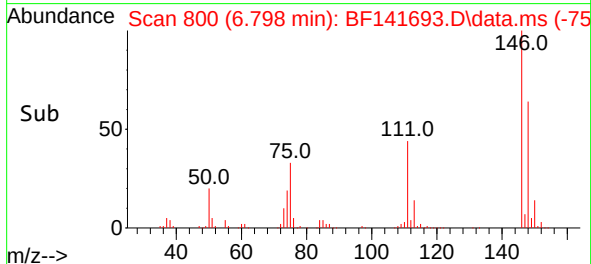
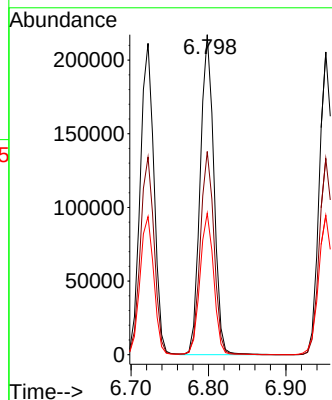
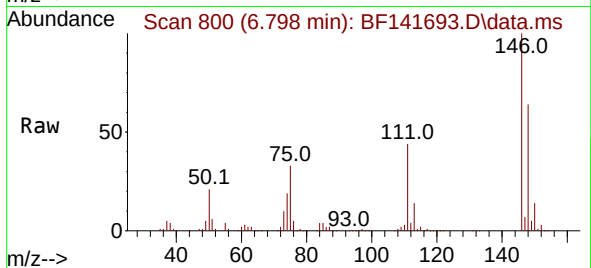
#13
1,4-Dichlorobenzene
Concen: 42.618 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 266398
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 44.2 35.9 53.9

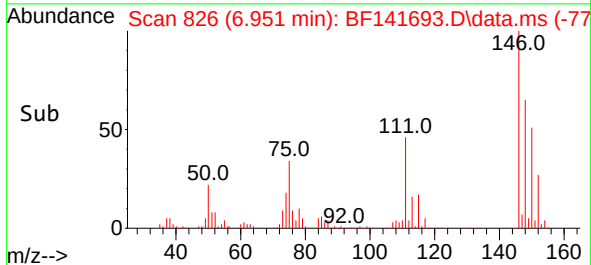
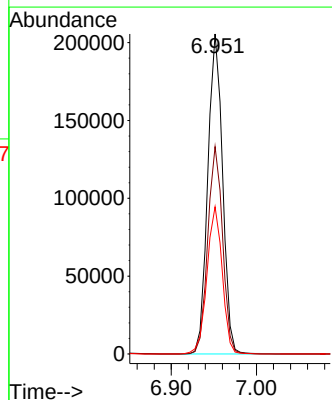
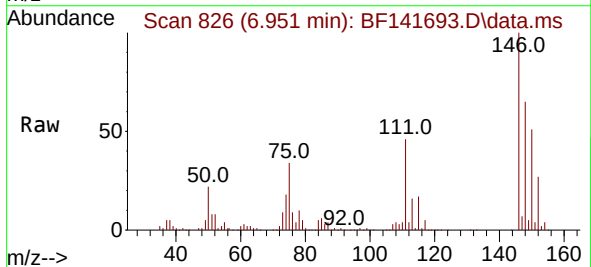
Manual Integrations
APPROVED

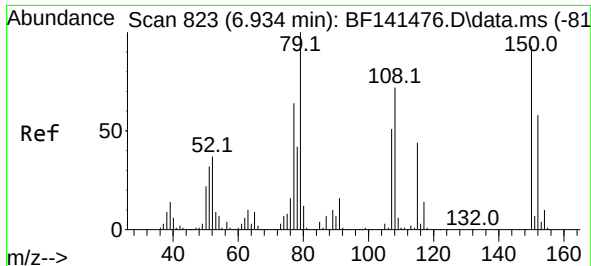
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#14
1,2-Dichlorobenzene
Concen: 42.745 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:146 Resp: 247985
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
111 46.0 37.0 55.4





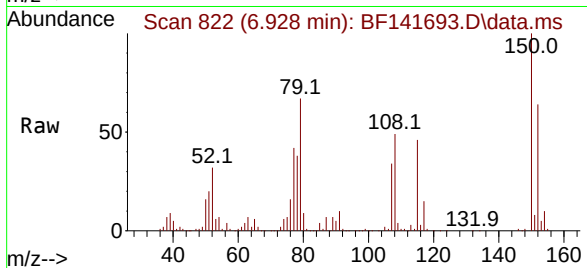
#15
Benzyl Alcohol
Concen: 39.891 ng
RT: 6.928 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

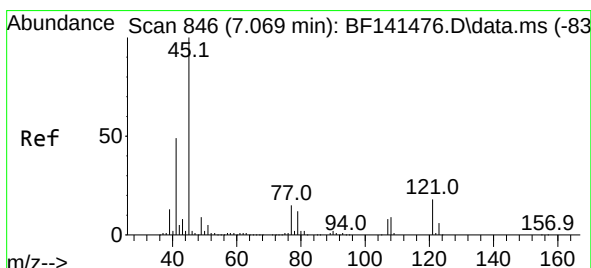
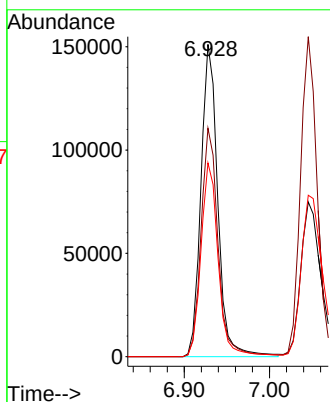
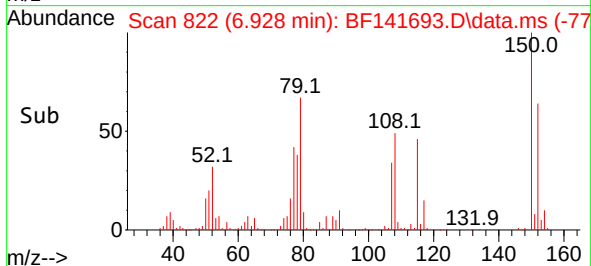


Tgt Ion: 79 Resp: 207360
Ion Ratio Lower Upper
79 100
108 73.1 57.4 86.2
77 62.1 50.9 76.3

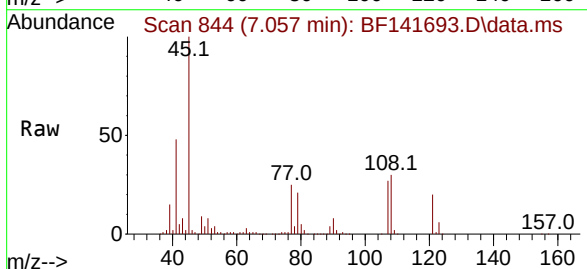
Manual Integrations

APPROVED

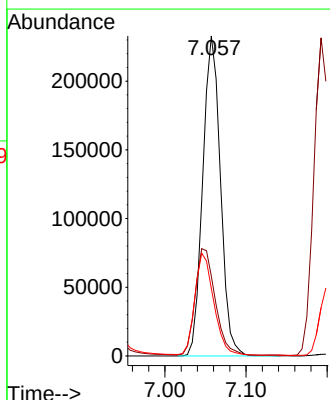
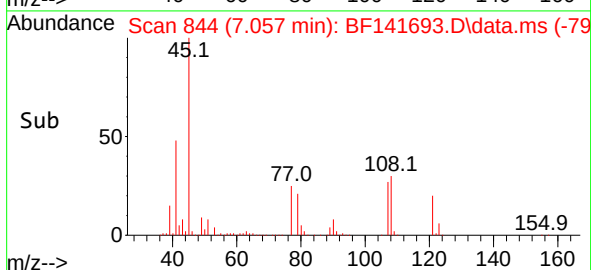
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

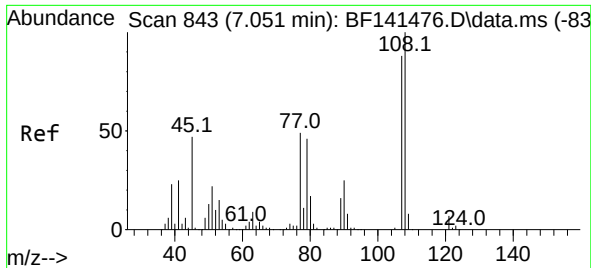


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.846 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



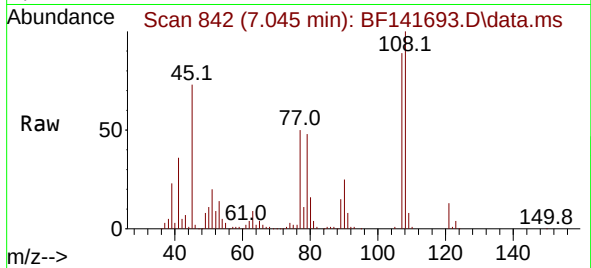
Tgt Ion: 45 Resp: 352380
Ion Ratio Lower Upper
45 100
77 25.0 0.0 35.8
79 21.1 0.0 32.7





#17
2-Methylphenol
Concen: 41.452 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

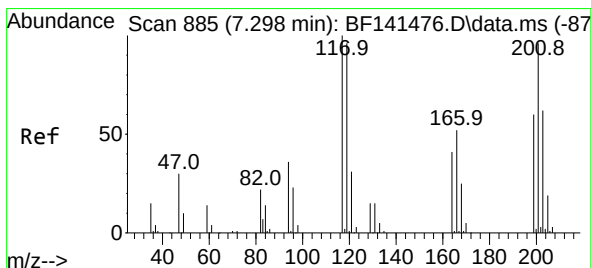
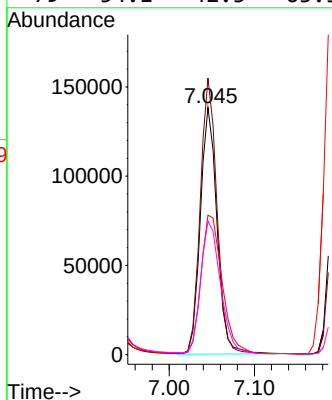
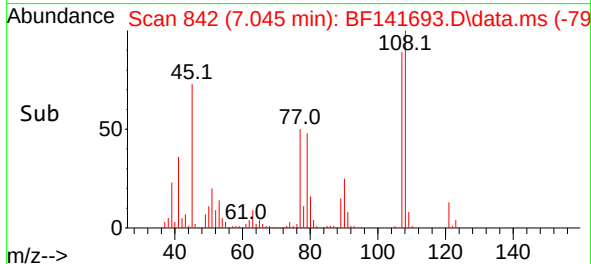
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:107 Resp: 187984
Ion Ratio Lower Upper
107 100
108 111.8 90.6 136.0
77 56.4 44.4 66.6
79 54.1 42.3 63.5

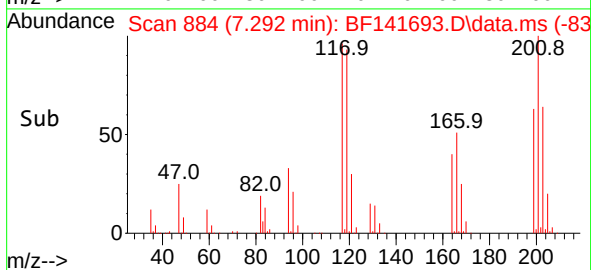
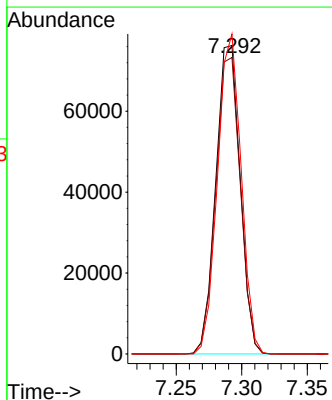
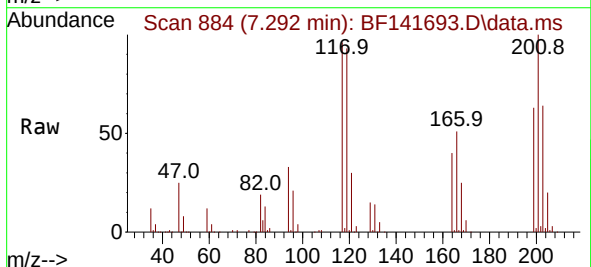
Manual Integrations
APPROVED

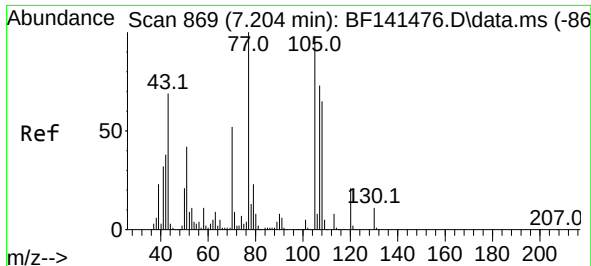
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#18
Hexachloroethane
Concen: 42.739 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:117 Resp: 98871
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
201 103.7 76.7 115.1





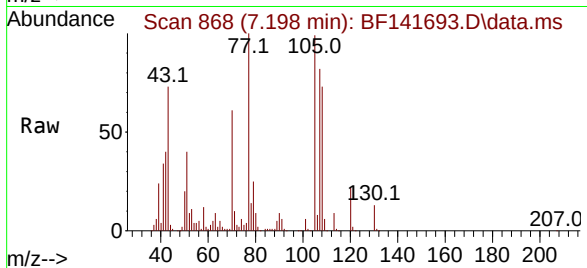
#19
n-Nitroso-di-n-propylamine
Concen: 40.358 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

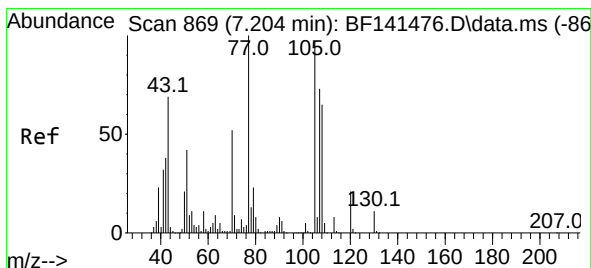
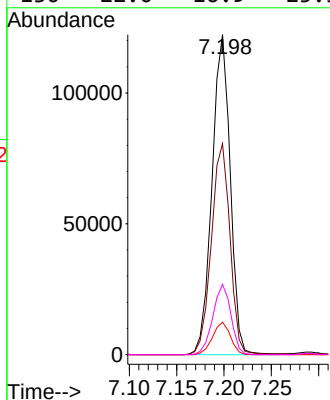
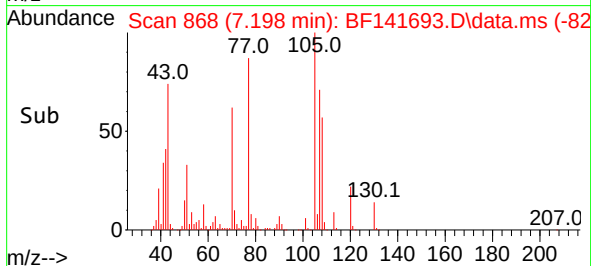
SSTDCCC040EC



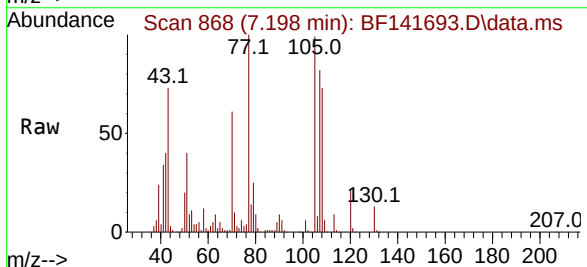
Tgt Ion: 70 Resp: 16363
Ion Ratio Lower Upper
70 100
42 66.0 57.4 86.2
101 10.1 8.0 12.0
130 22.0 16.9 25.3

Manual Integrations
APPROVED

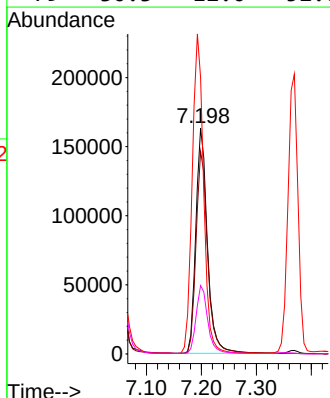
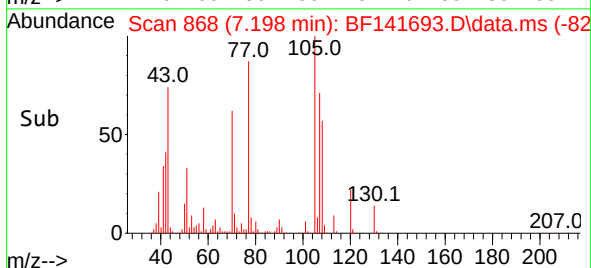
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

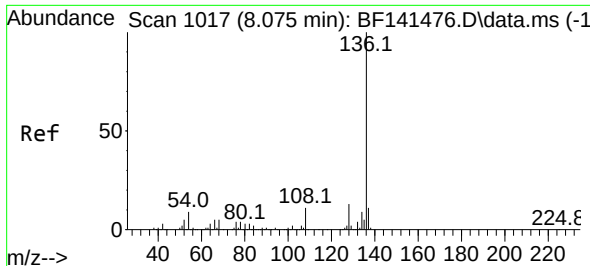


#20
3+4-Methylphenols
Concen: 41.476 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:107 Resp: 239036
Ion Ratio Lower Upper
107 100
108 89.8 68.5 108.5
77 122.4 116.5 156.5
79 30.3 12.0 52.0





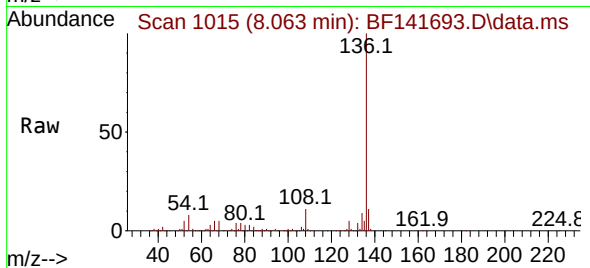
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

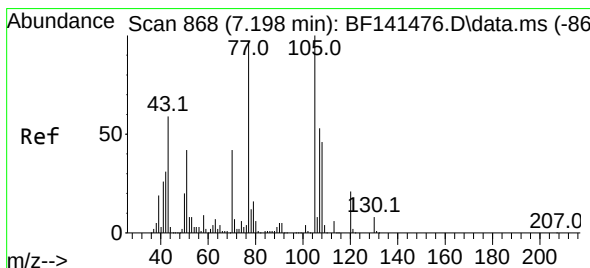
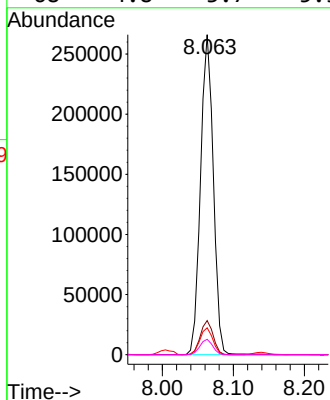
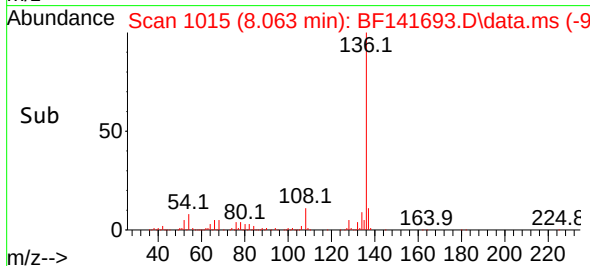


Tgt Ion:136 Resp: 333578
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.2 10.8
68 4.8 3.7 5.5

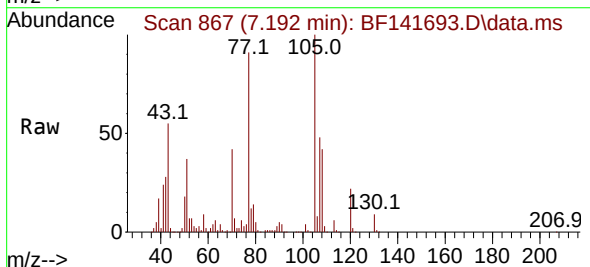
Manual Integrations

APPROVED

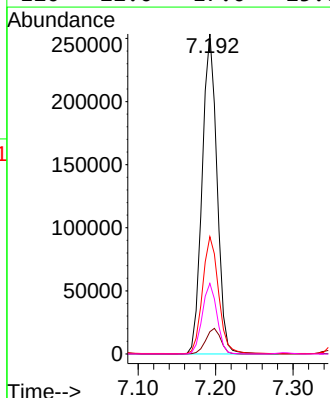
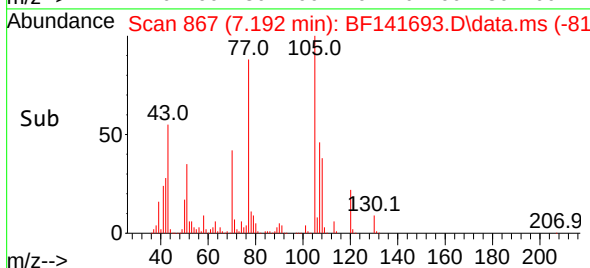
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

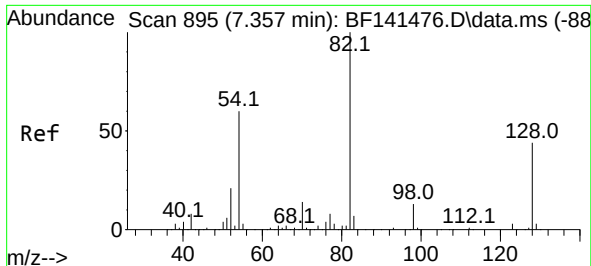


#22
Acetophenone
Concen: 40.633 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:105 Resp: 337167
Ion Ratio Lower Upper
105 100
71 6.9 5.7 8.5
51 36.6 33.7 50.5
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.041 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

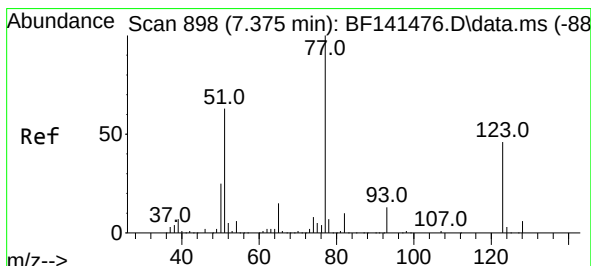
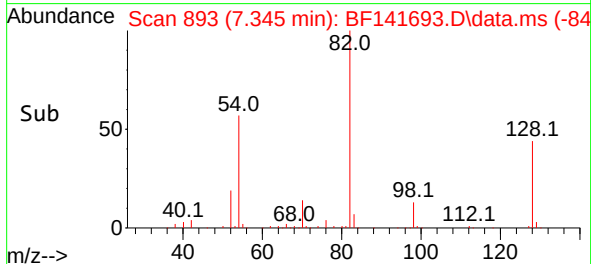
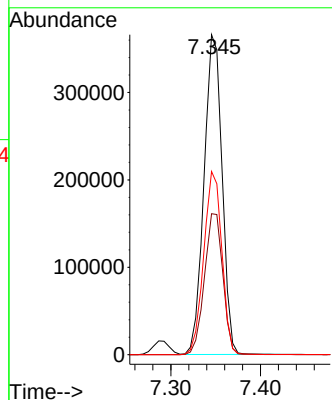
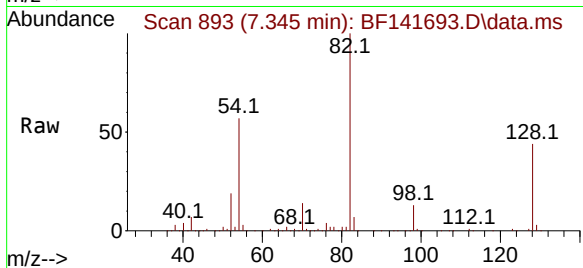
SSTDCCC040EC

Tgt Ion: 82 Resp: 51190
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.8 52.2
 54 57.2 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#24

Nitrobenzene

Concen: 40.641 ng

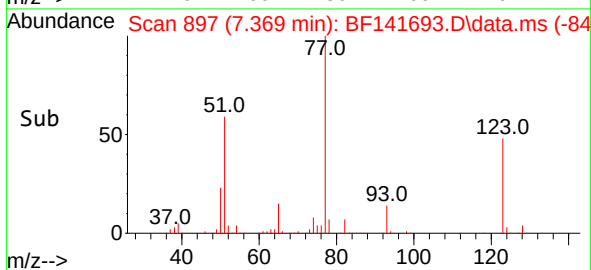
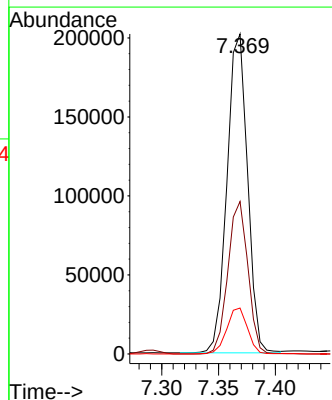
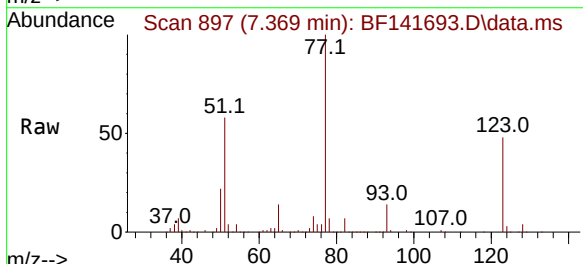
RT: 7.369 min Scan# 897

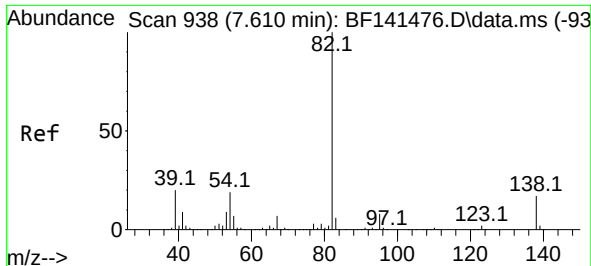
Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

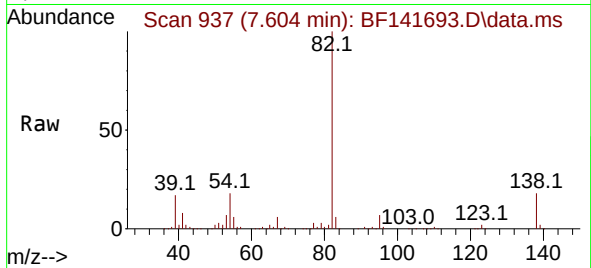
Tgt Ion: 77 Resp: 253453
 Ion Ratio Lower Upper
 77 100
 123 47.7 36.9 55.3
 65 14.4 11.9 17.9





#25
Isophorone
Concen: 40.509 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

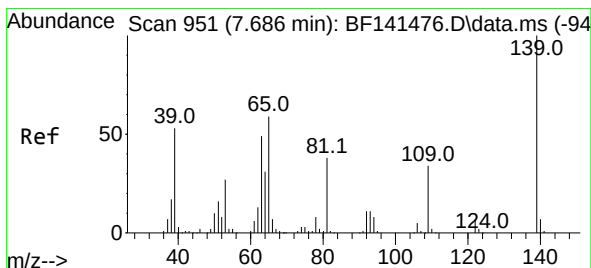
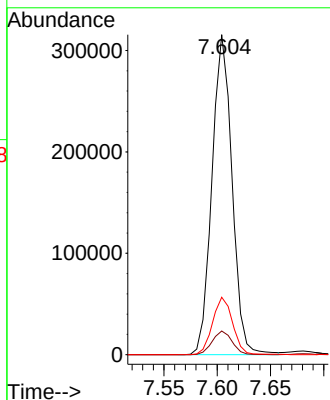
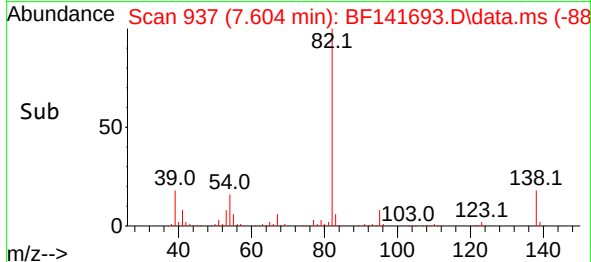
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 41309
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 17.9 13.9 20.9

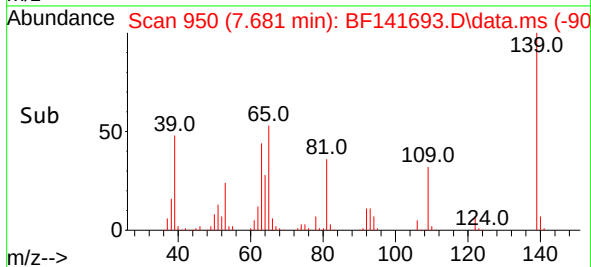
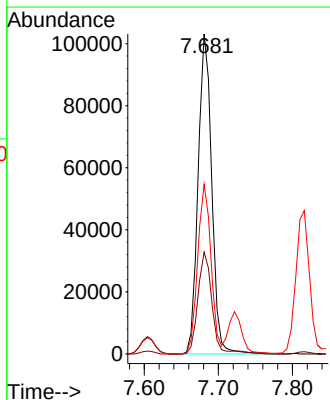
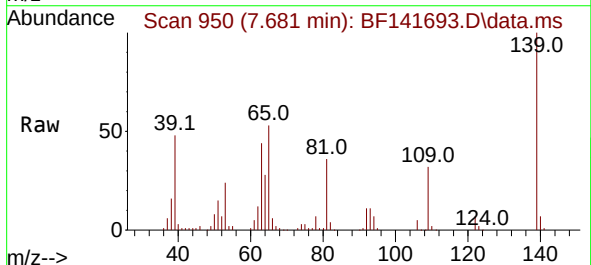
Manual Integrations
APPROVED

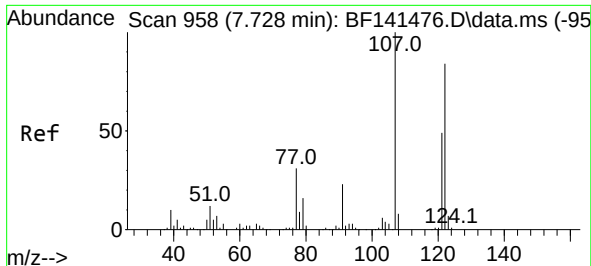
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#26
2-Nitrophenol
Concen: 42.470 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:139 Resp: 131772
Ion Ratio Lower Upper
139 100
109 31.9 27.0 40.6
65 53.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.204 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

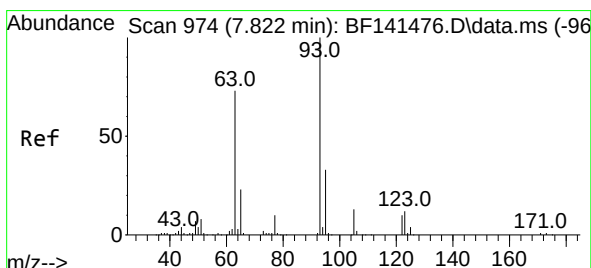
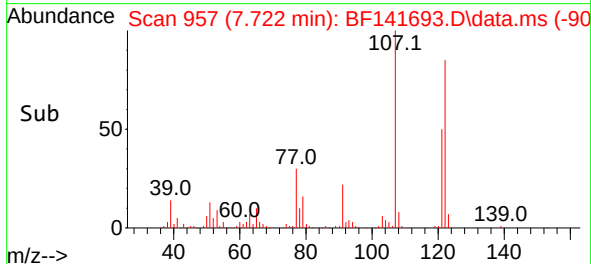
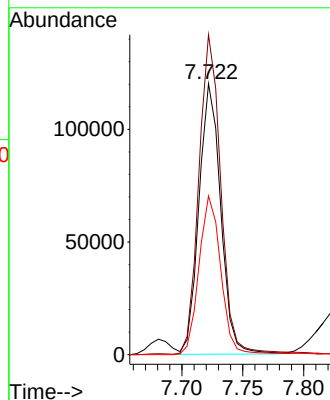
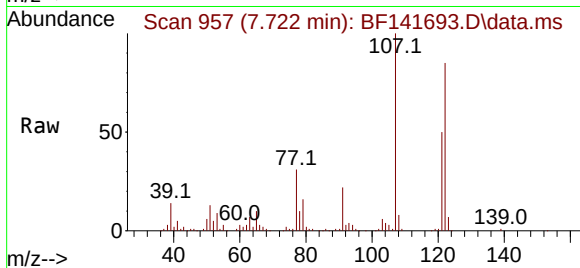
SSTDCCC040EC

Tgt Ion:122 Resp: 14935
 Ion Ratio Lower Upper
 122 100
 107 118.0 94.3 141.5
 121 58.5 46.0 69.0

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.025 ng

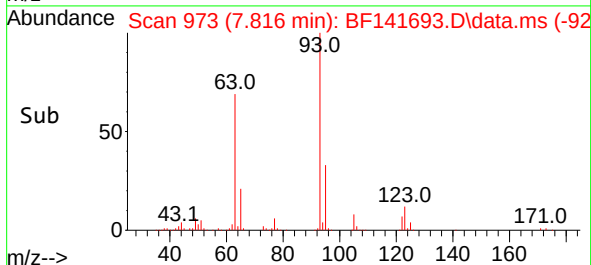
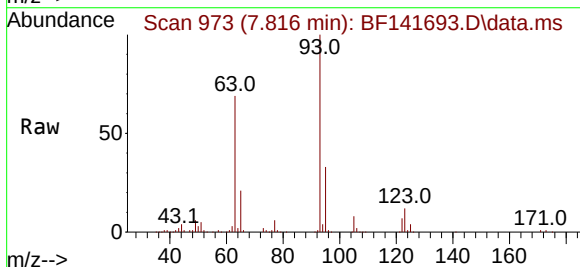
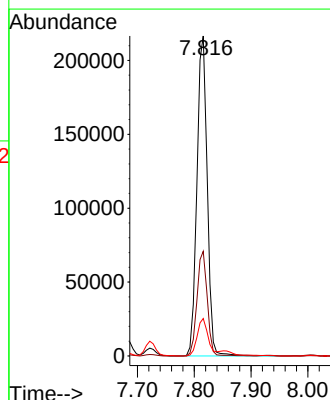
RT: 7.816 min Scan# 973

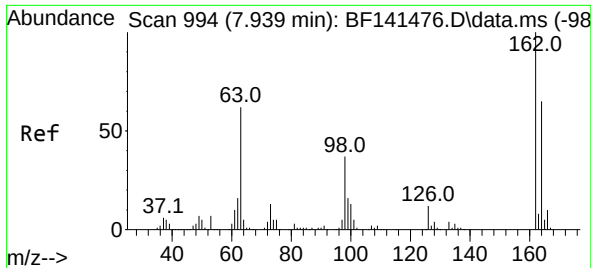
Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion: 93 Resp: 274608
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.1 39.1
 123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.802 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141693.D

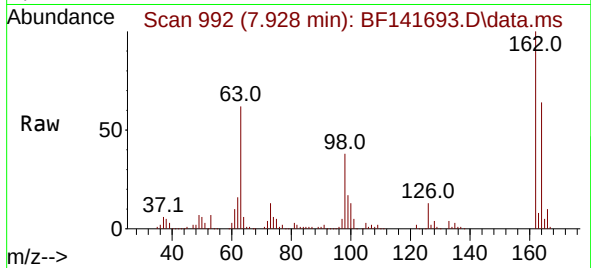
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:162 Resp: 20472

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

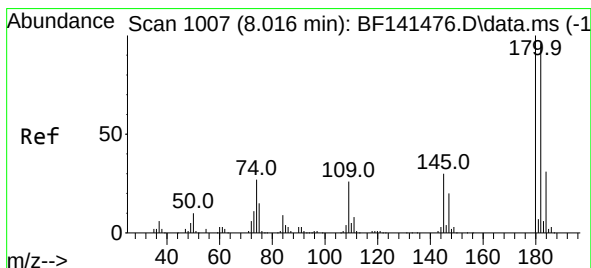
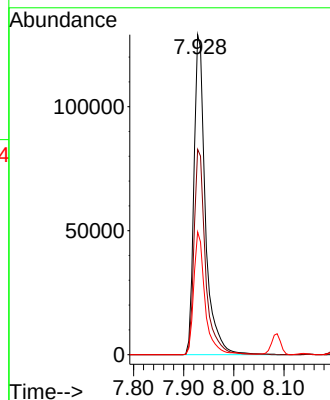
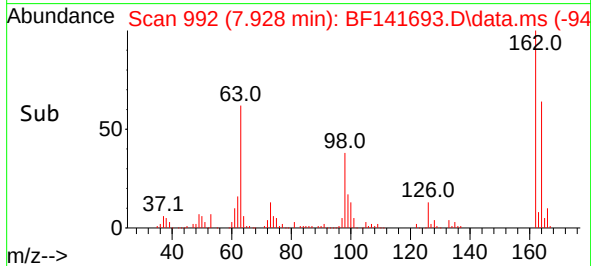
98 38.4 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.566 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

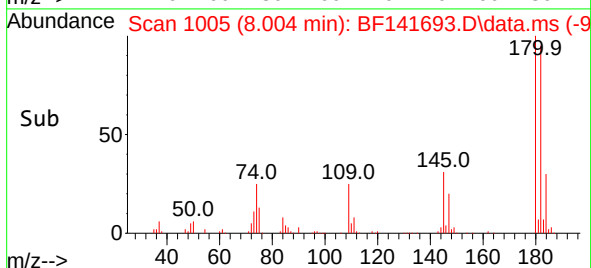
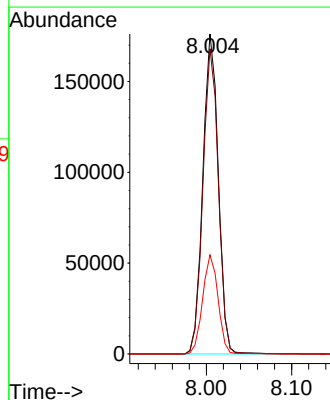
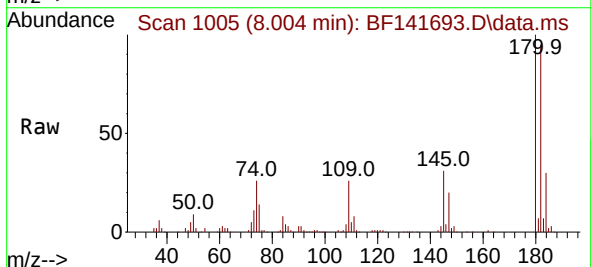
Tgt Ion:180 Resp: 221676

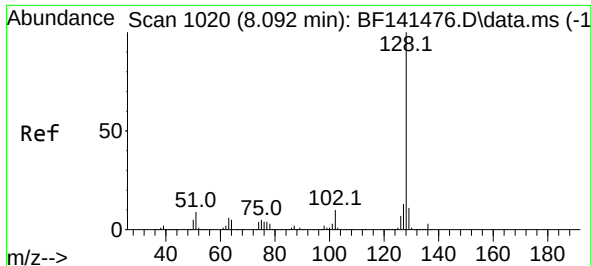
Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

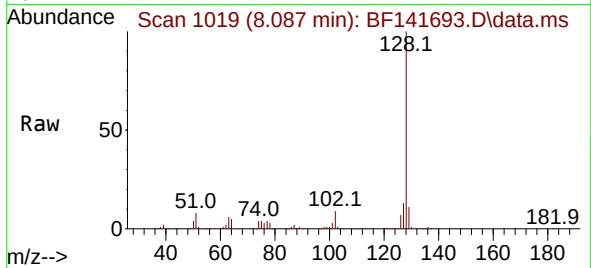
145 31.0 24.2 36.4





#31
Naphthalene
Concen: 41.404 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

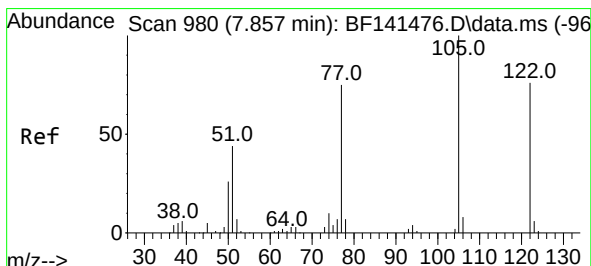
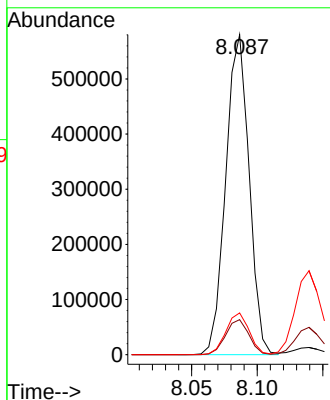
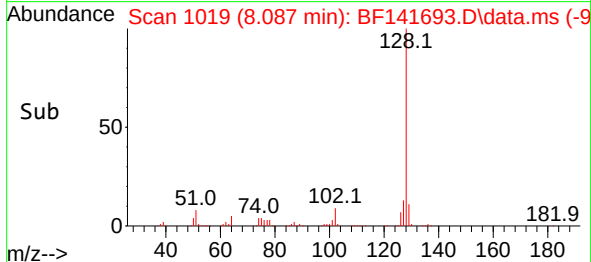
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:128 Resp: 71894
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.7 16.1

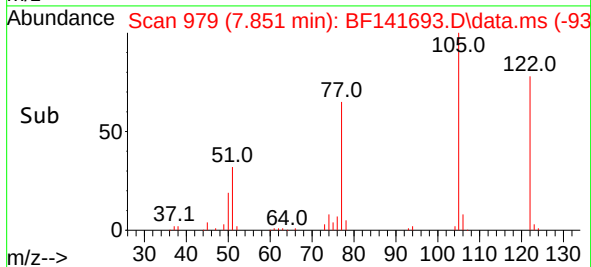
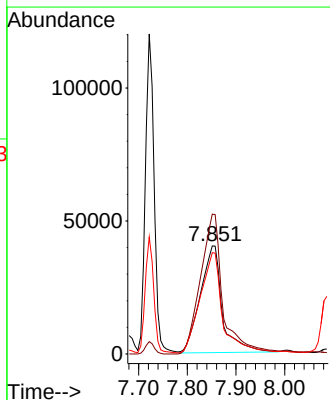
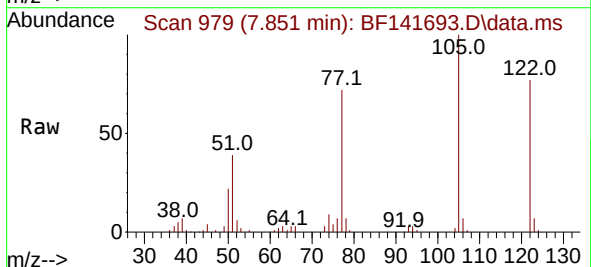
Manual Integrations
APPROVED

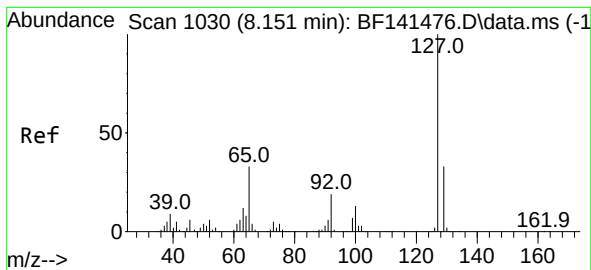
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 33.475 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.041 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:122 Resp: 126034
Ion Ratio Lower Upper
122 100
105 129.4 106.5 146.5
77 93.7 76.3 116.3





#33
4-Chloroaniline
Concen: 39.725 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

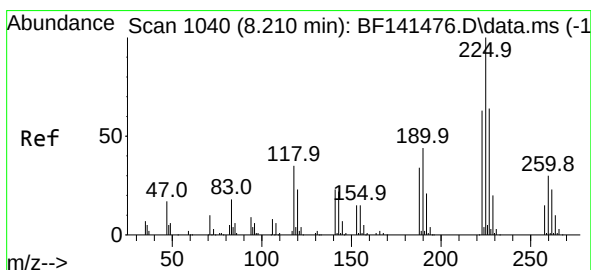
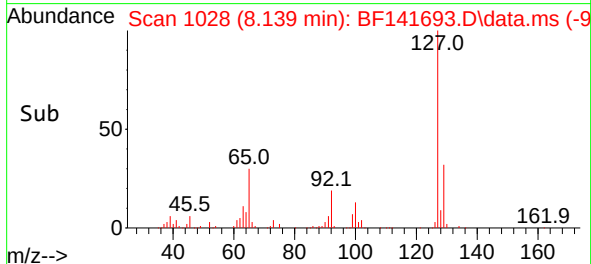
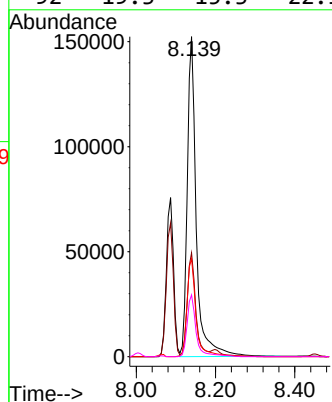
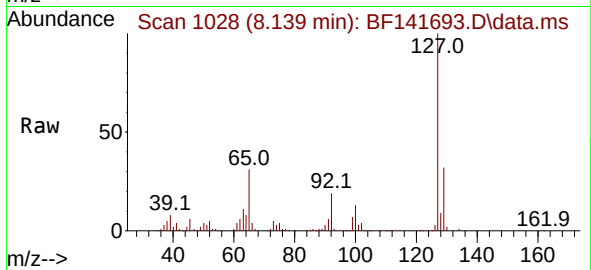
SSTDCCC040EC

Tgt Ion:127 Resp: 240828
Ion Ratio Lower Upper
127 100
129 32.5 26.5 39.7
65 30.7 26.4 39.6
92 19.3 15.3 22.9

Manual Integrations

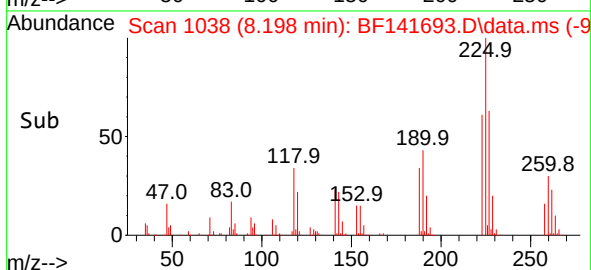
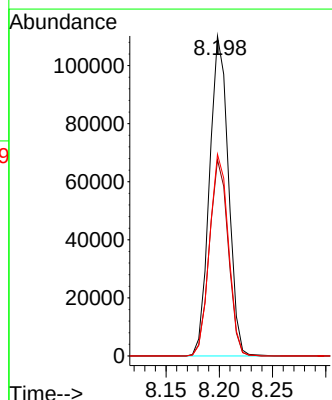
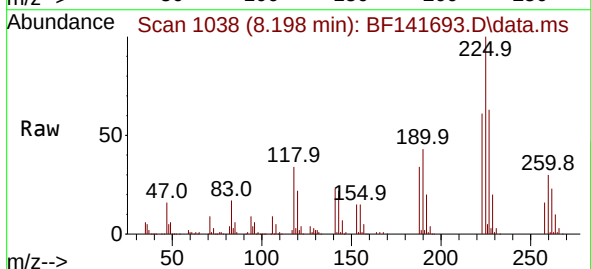
APPROVED

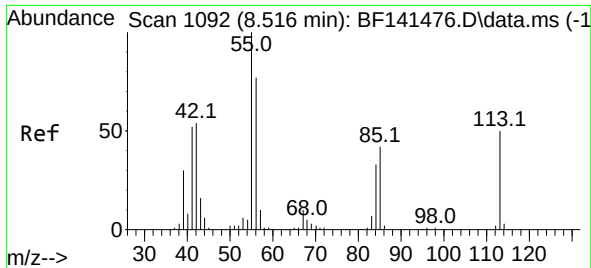
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#34
Hexachlorobutadiene
Concen: 42.366 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:225 Resp: 135641
Ion Ratio Lower Upper
225 100
223 61.3 50.1 75.1
227 63.0 51.0 76.6





#35
Caprolactam
Concen: 39.370 ng
RT: 8.510 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

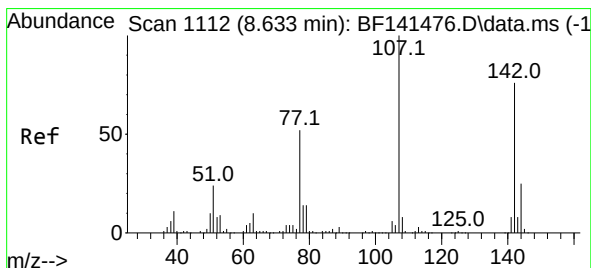
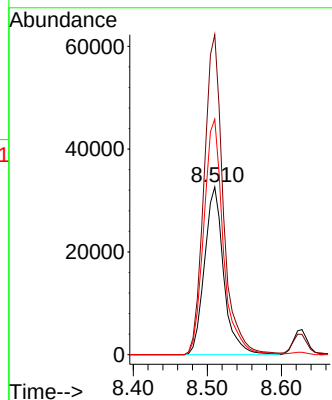
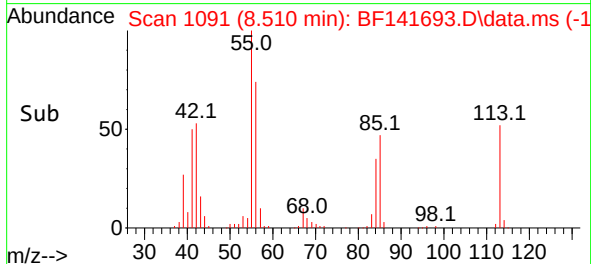
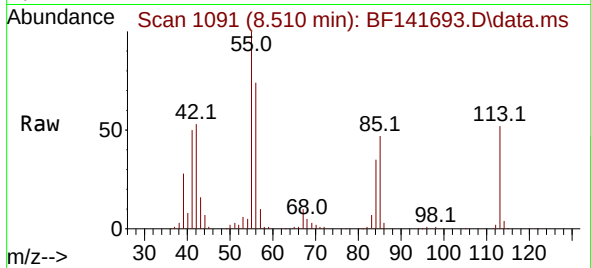
SSTDCCC040EC

Tgt Ion:113 Resp: 58700
Ion Ratio Lower Upper
113 100
55 190.8 180.8 220.8
56 140.5 133.6 173.6

Manual Integrations

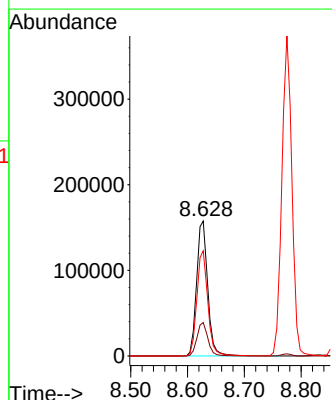
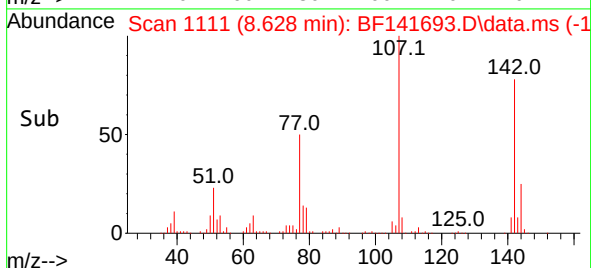
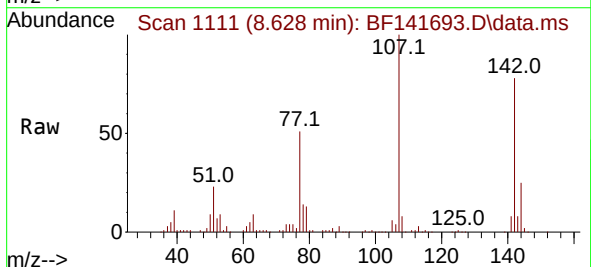
APPROVED

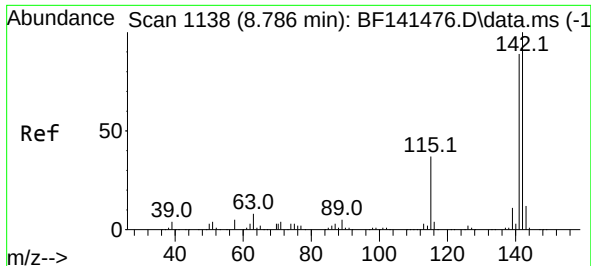
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#36
4-Chloro-3-methylphenol
Concen: 39.669 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:107 Resp: 215204
Ion Ratio Lower Upper
107 100
144 24.8 19.7 29.5
142 77.9 60.8 91.2





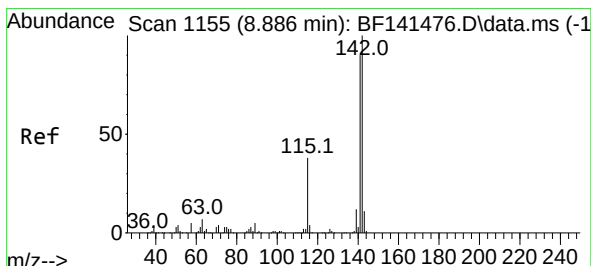
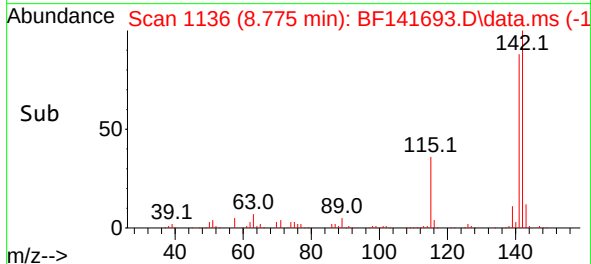
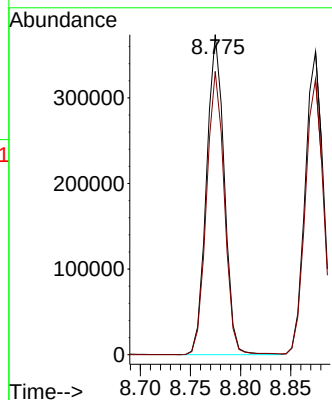
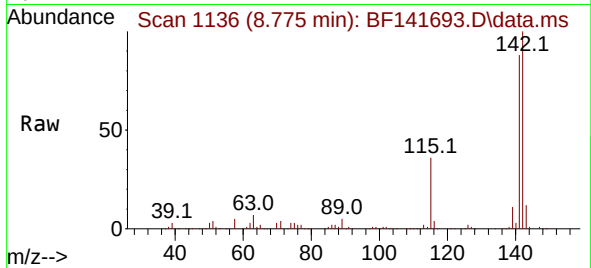
#37
2-Methylnaphthalene
Concen: 40.816 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 461190
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

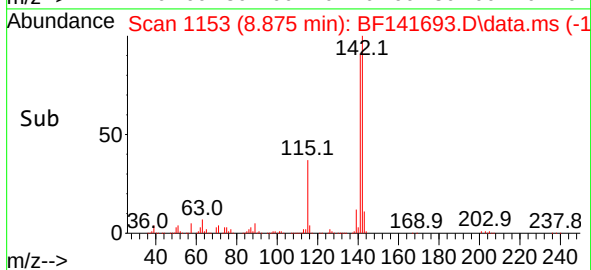
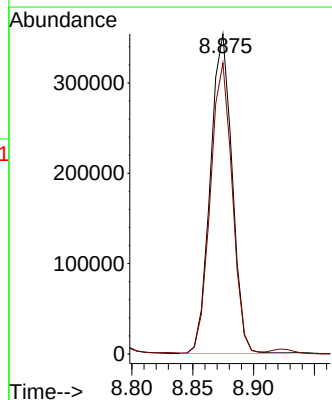
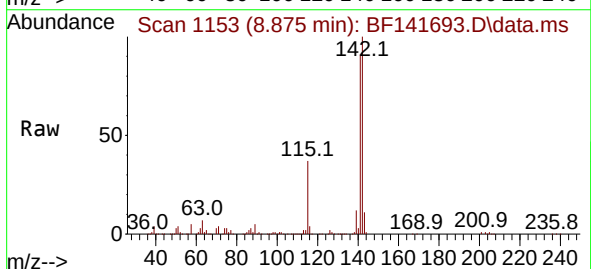
Manual Integrations
APPROVED

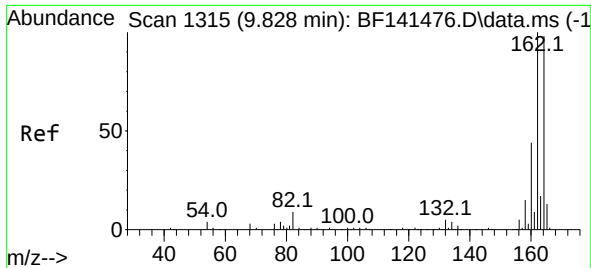
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#38
1-Methylnaphthalene
Concen: 40.318 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:142 Resp: 441230
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1





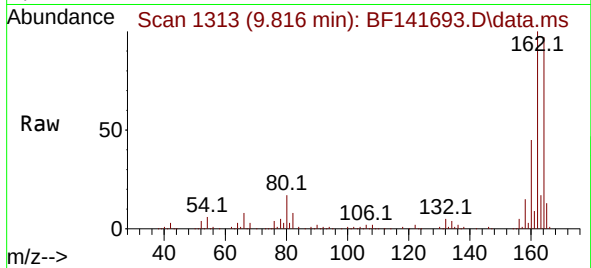
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

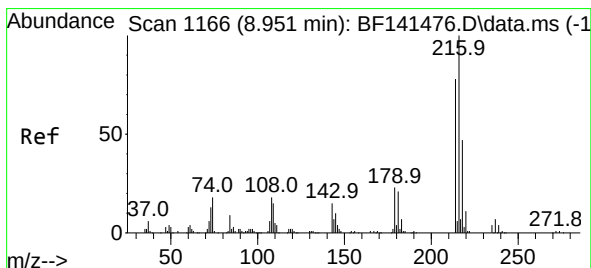
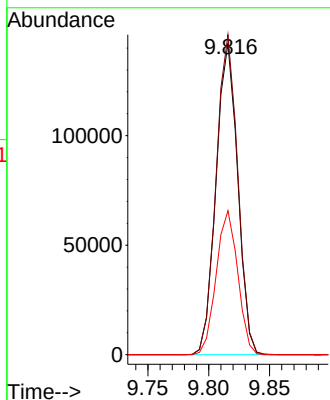
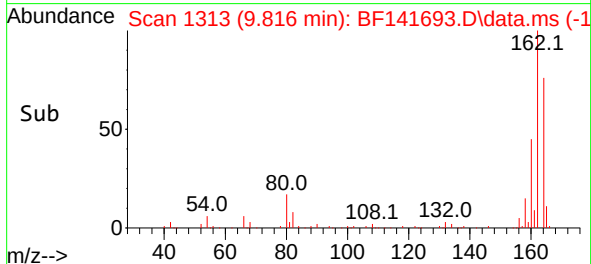


Tgt Ion:164 Resp: 175620
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.3 35.9 53.9

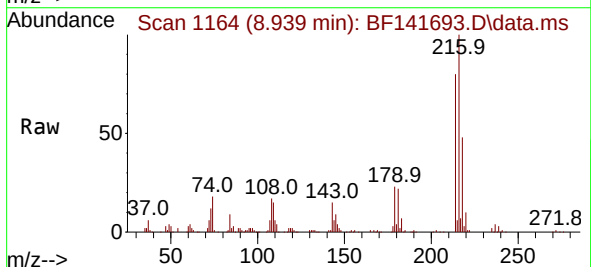
Manual Integrations

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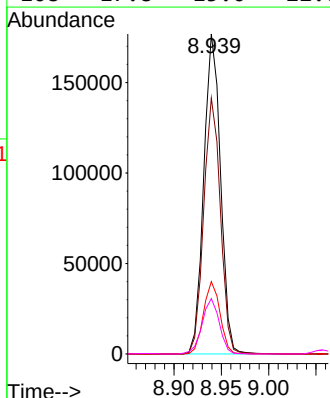
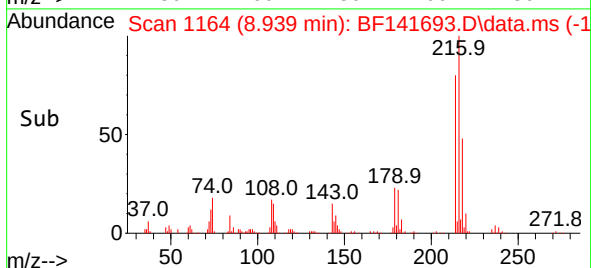
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

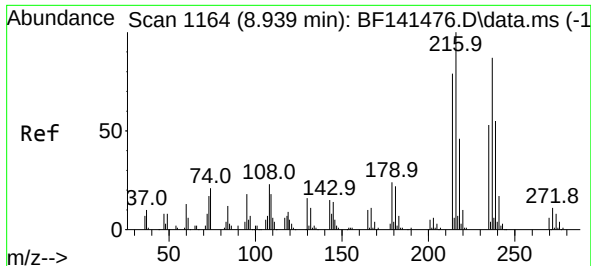


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.741 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



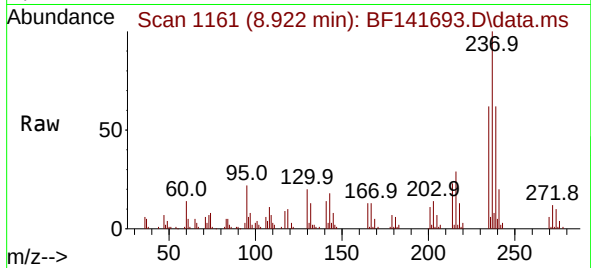
Tgt Ion:216 Resp: 217164
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 22.4 18.0 27.0
108 17.8 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 29.483 ng
RT: 8.922 min Scan# 1161
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

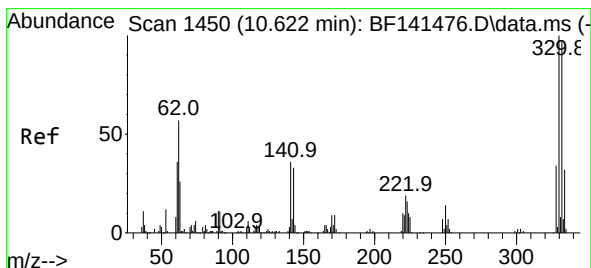
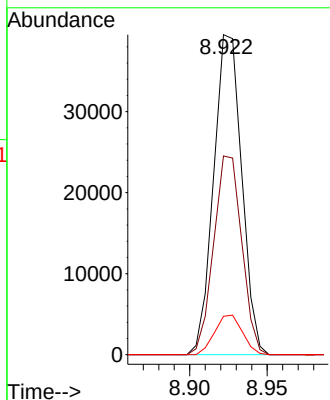
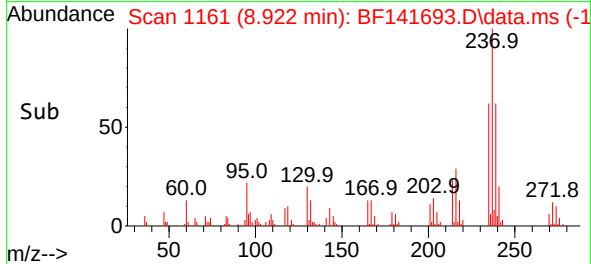
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



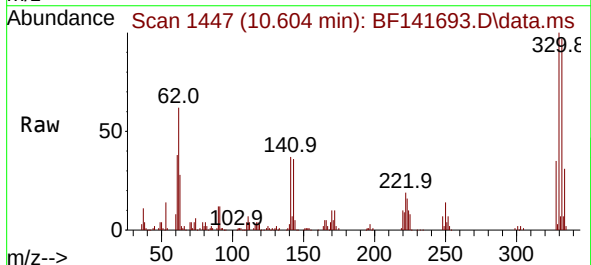
Tgt Ion:237 Resp: 49825
Ion Ratio Lower Upper
237 100
235 62.1 41.4 81.4
272 12.0 0.0 32.4

Manual Integrations
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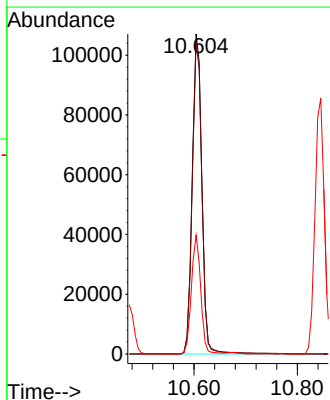
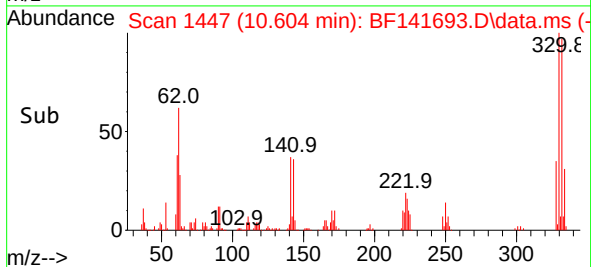
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

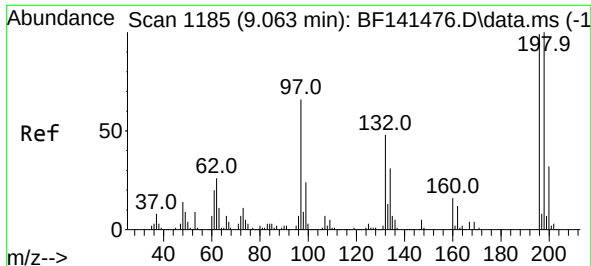


#42
2,4,6-Tribromophenol
Concen: 78.766 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:330 Resp: 138958
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 35.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.676 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141693.D

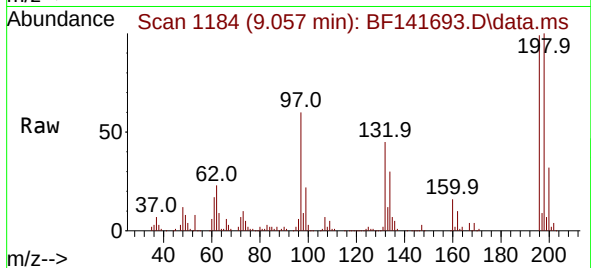
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:196 Resp: 136858

Ion Ratio Lower Upper

196 100

198 101.1 80.6 121.0

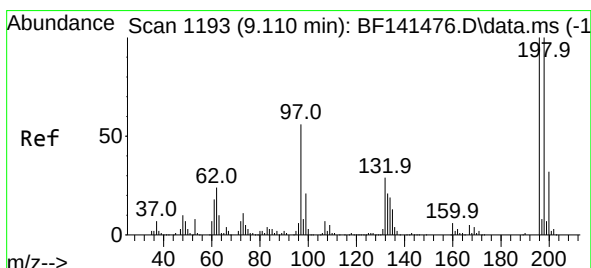
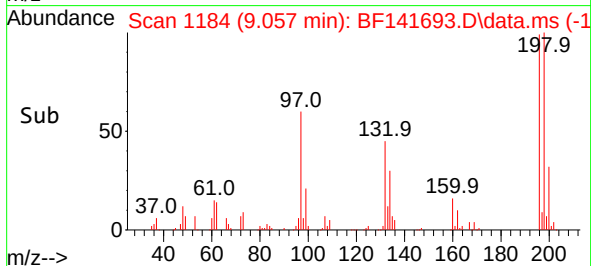
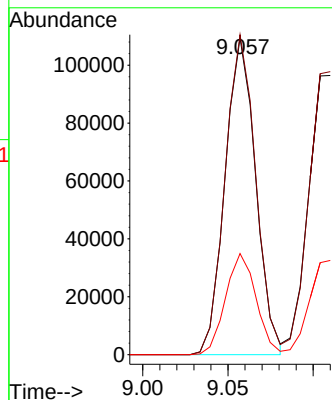
200 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#44

2,4,5-Trichlorophenol

Concen: 41.546 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:196 Resp: 147858

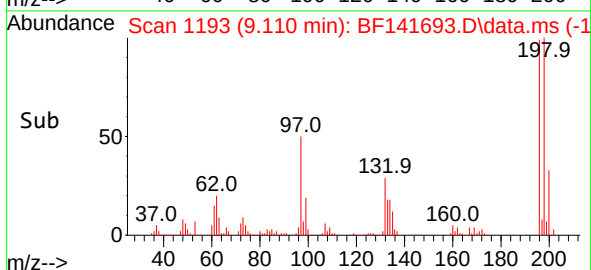
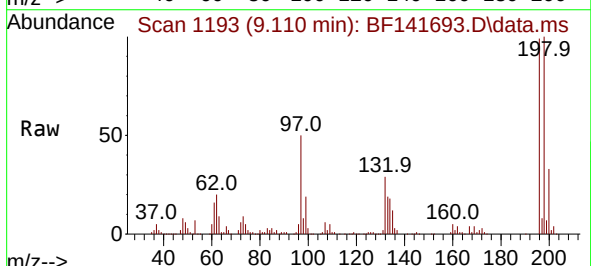
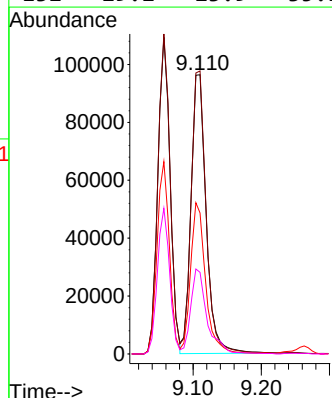
Ion Ratio Lower Upper

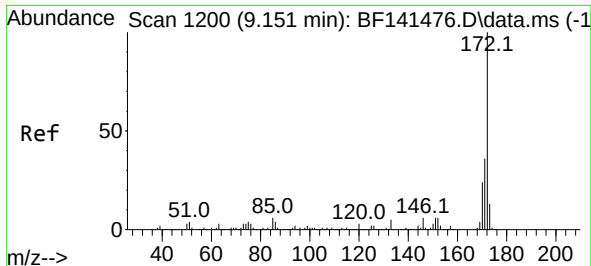
196 100

198 101.4 79.8 119.8

97 50.5 44.8 67.2

132 29.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 84.575 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 964086

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

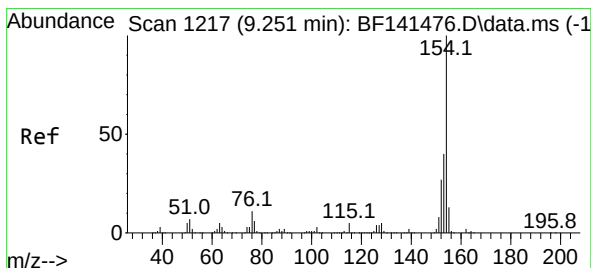
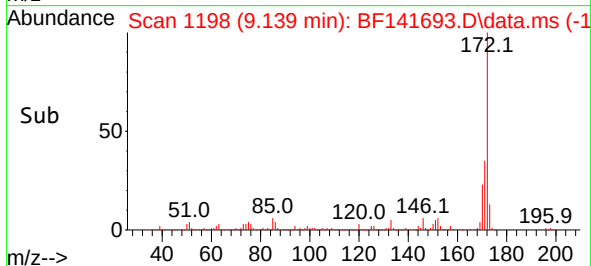
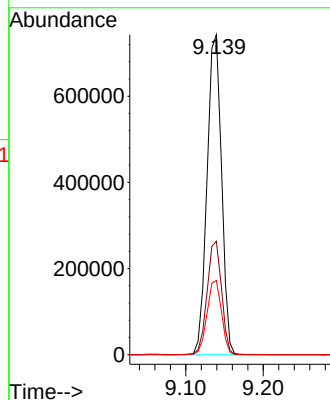
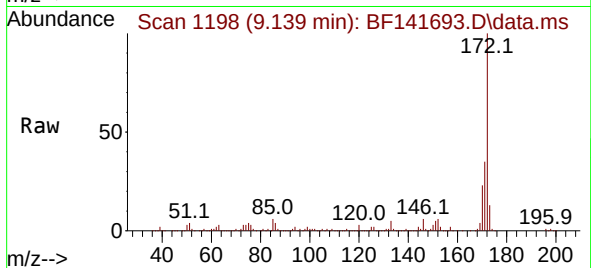
170 23.2 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#46

1,1'-Biphenyl

Concen: 42.323 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

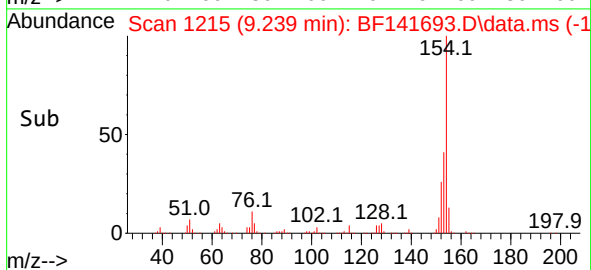
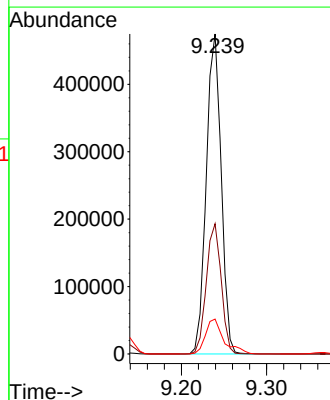
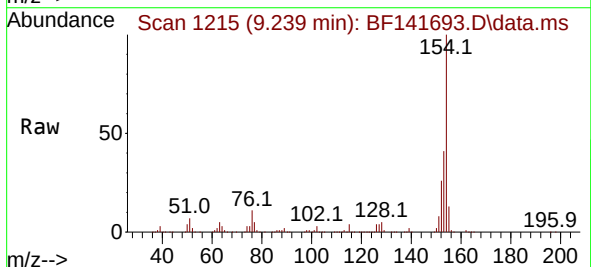
Tgt Ion:154 Resp: 576246

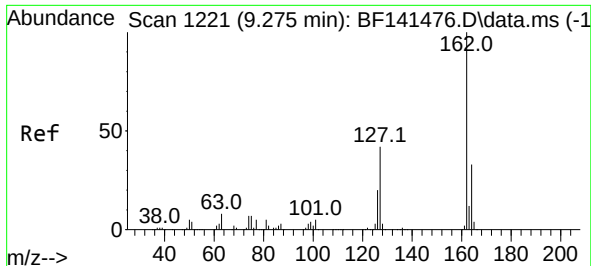
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 42.031 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

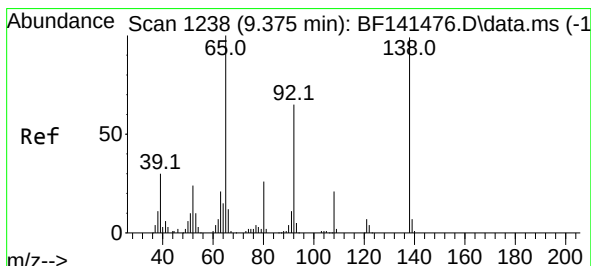
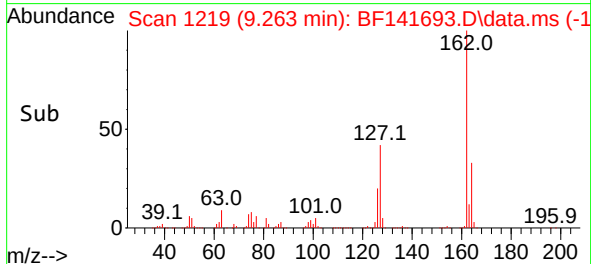
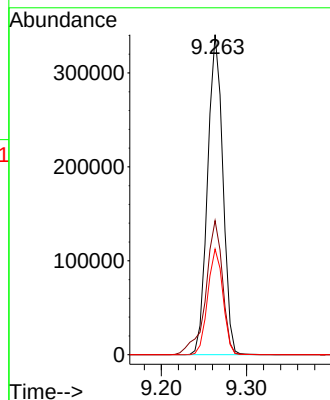
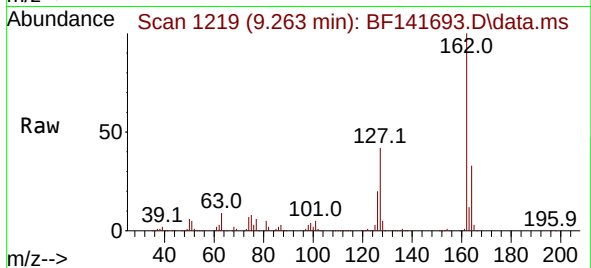
SSTDCCC040EC

Tgt Ion:162 Resp: 423178
 Ion Ratio Lower Upper
 162 100
 127 41.9 34.1 51.1
 164 33.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#48

2-Nitroaniline

Concen: 39.545 ng

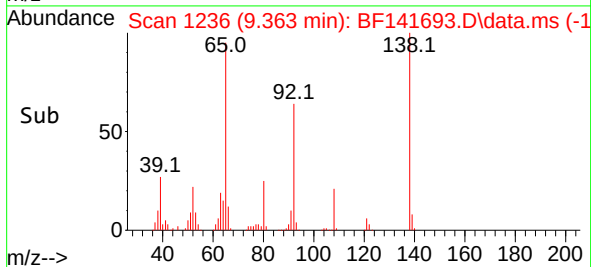
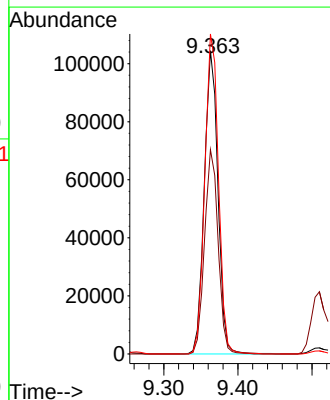
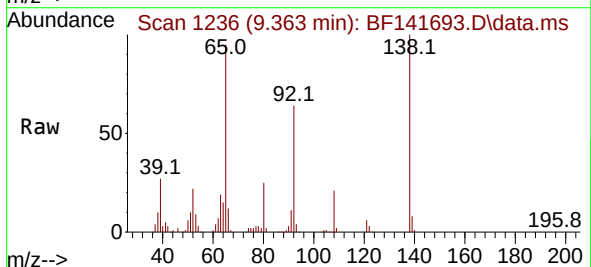
RT: 9.363 min Scan# 1236

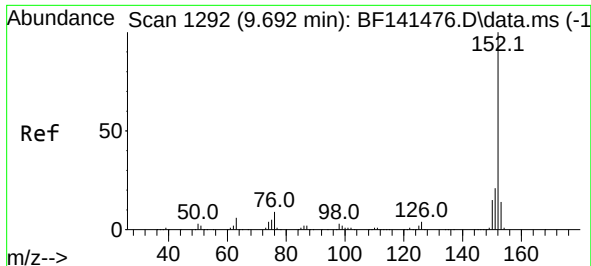
Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion: 65 Resp: 133620
 Ion Ratio Lower Upper
 65 100
 92 67.4 52.2 78.2
 138 105.5 79.5 119.3





#49

Acenaphthylene

Concen: 41.687 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BF141693.D

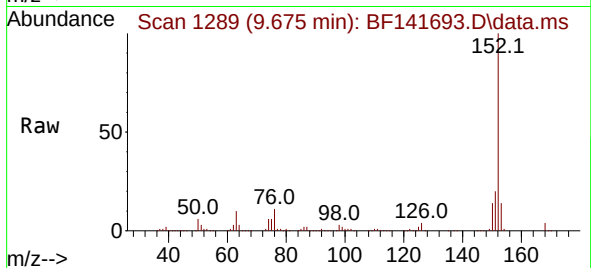
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:152 Resp: 624279

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

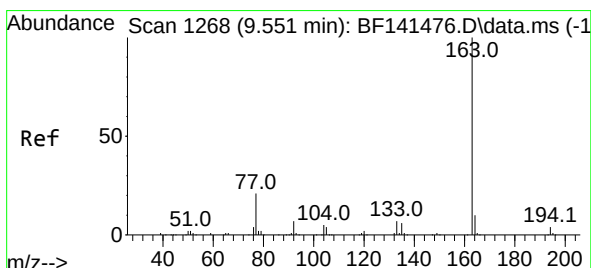
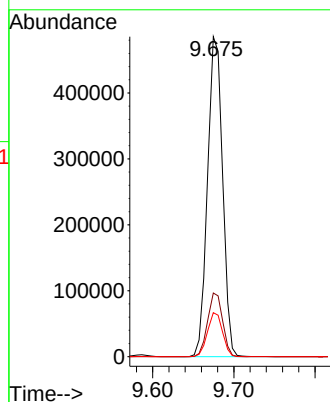
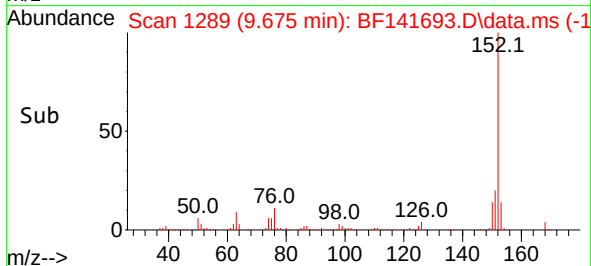
153 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#50

Dimethylphthalate

Concen: 42.096 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

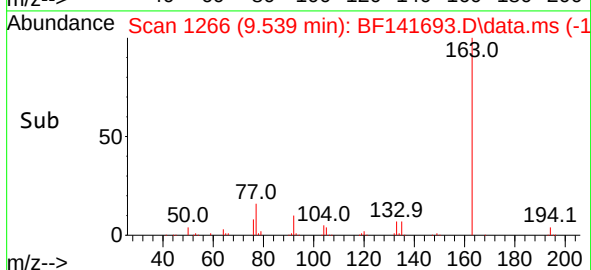
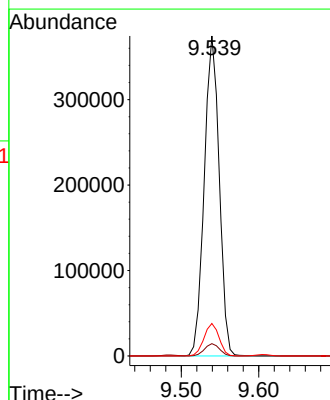
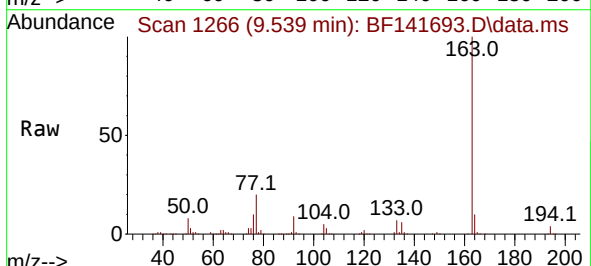
Tgt Ion:163 Resp: 501886

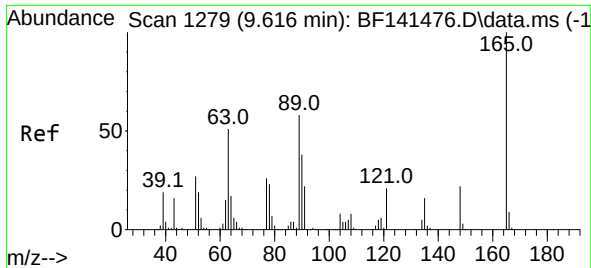
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

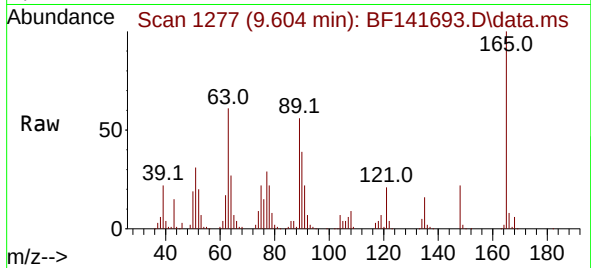
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 41.673 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

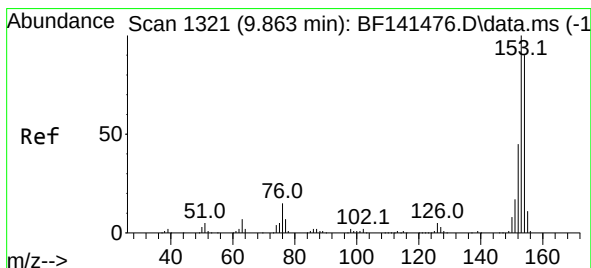
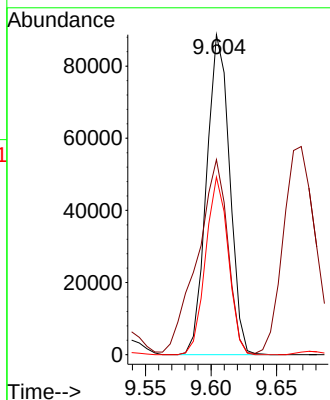
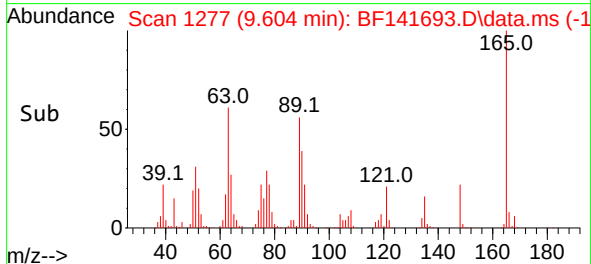
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 10861
Ion Ratio Lower Upper
165 100
63 60.9 49.4 74.0
89 55.5 46.5 69.7

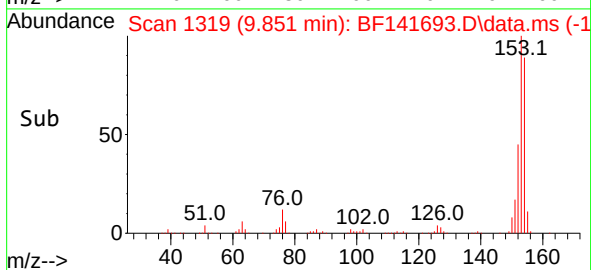
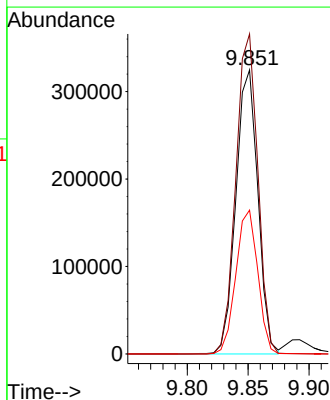
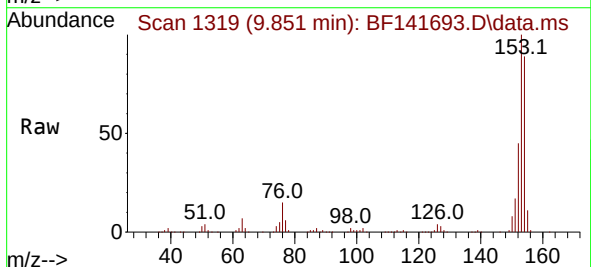
Manual Integrations
APPROVED

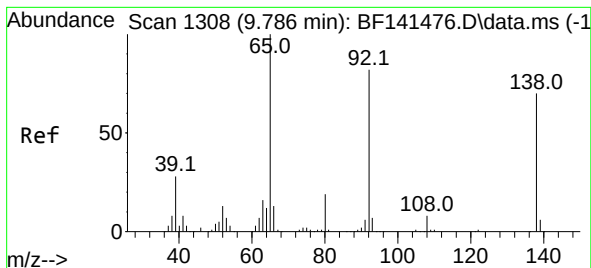
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 40.498 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:154 Resp: 407725
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 50.6 39.8 59.8





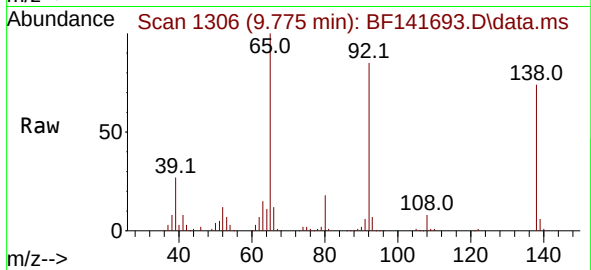
#53
3-Nitroaniline
Concen: 38.593 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

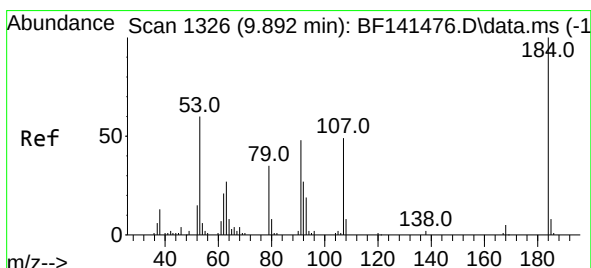
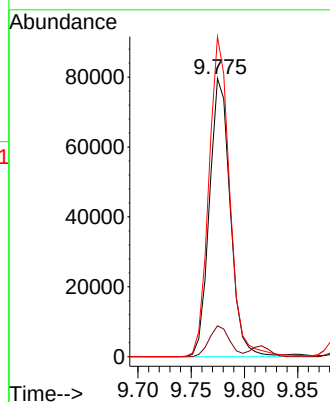
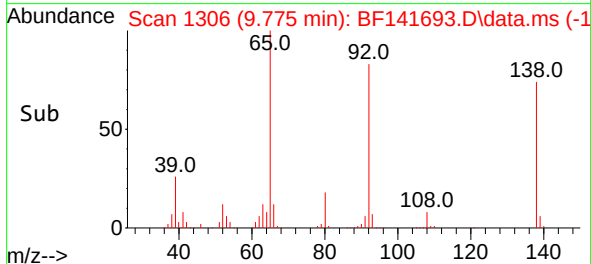


Tgt Ion:138 Resp: 108260
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 115.0 93.7 140.5

Manual Integrations

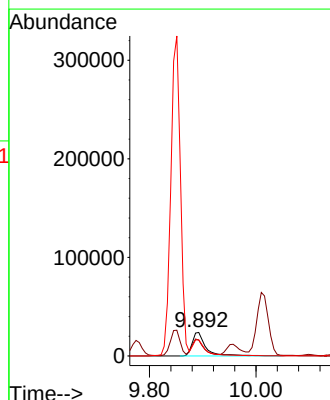
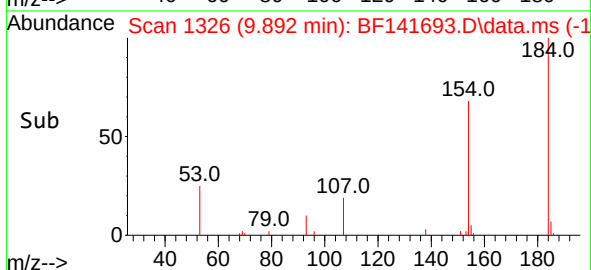
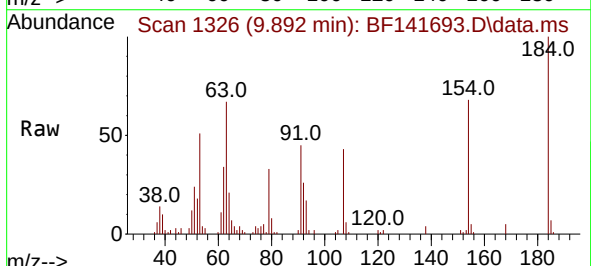
APPROVED

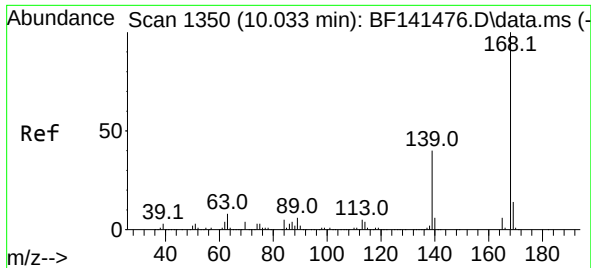
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 27.871 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

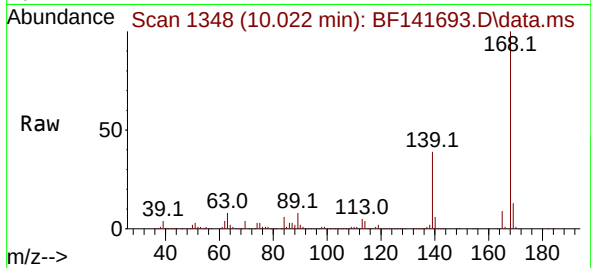
Tgt Ion:184 Resp: 43173
Ion Ratio Lower Upper
184 100
63 67.3 61.0 91.6
154 68.4 59.9 89.9





#55
Dibenzenofuran
Concen: 40.838 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

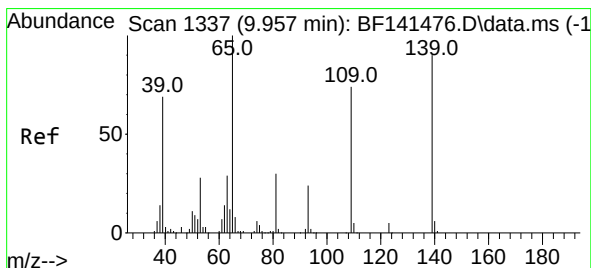
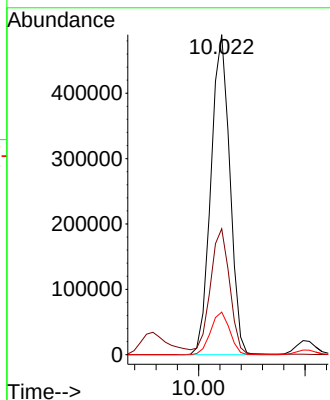
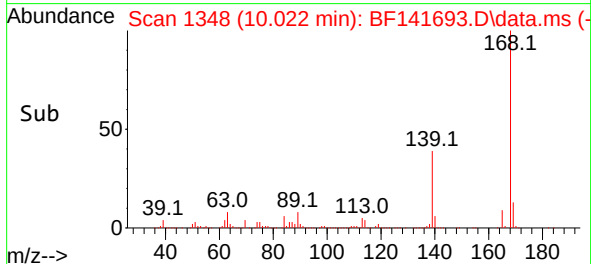
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 60348
Ion Ratio Lower Upper
168 100
139 39.3 32.7 49.1
169 13.3 10.8 16.2

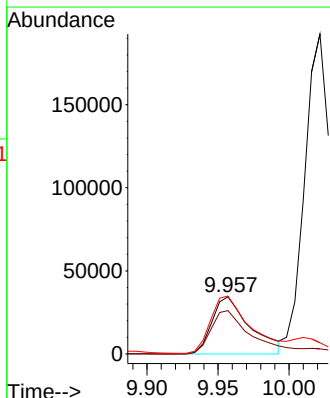
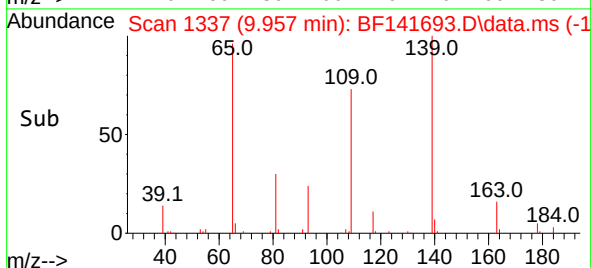
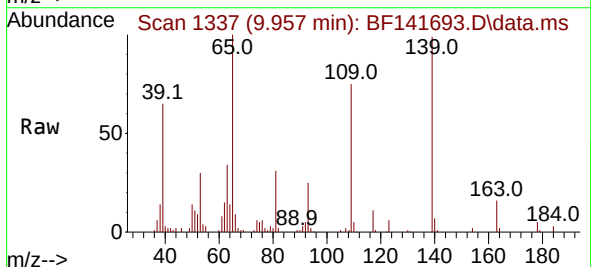
Manual Integrations
APPROVED

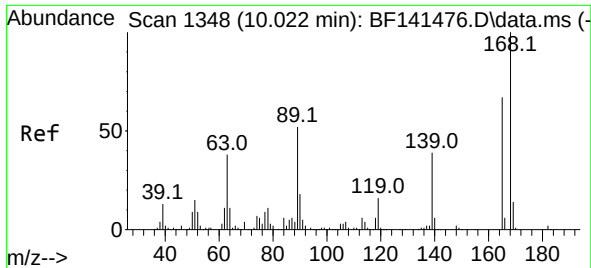
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#56
4-Nitrophenol
Concen: 30.582 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:139 Resp: 63683
Ion Ratio Lower Upper
139 100
109 76.0 62.0 102.0
65 101.4 91.2 131.2





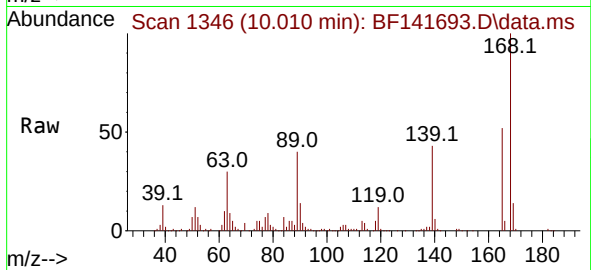
#57
2,4-Dinitrotoluene
Concen: 40.286 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

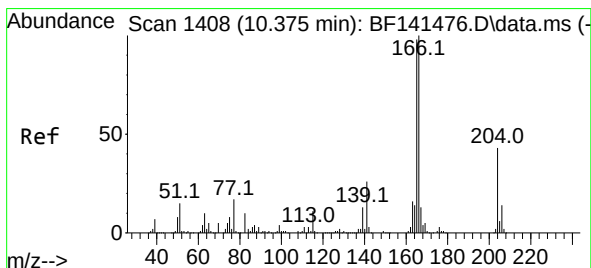
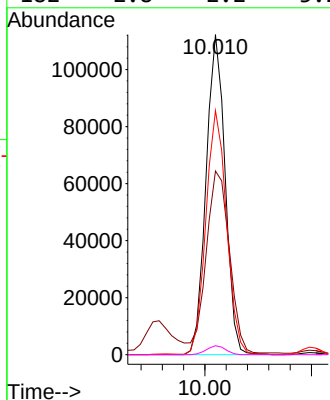
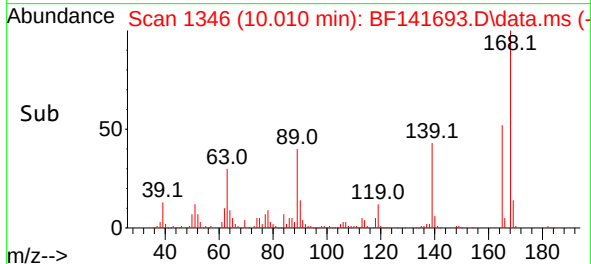


Tgt Ion:165 Resp: 139778
Ion Ratio Lower Upper
165 100
63 57.4 46.4 69.6
89 76.3 61.8 92.6
182 2.8 2.2 3.2

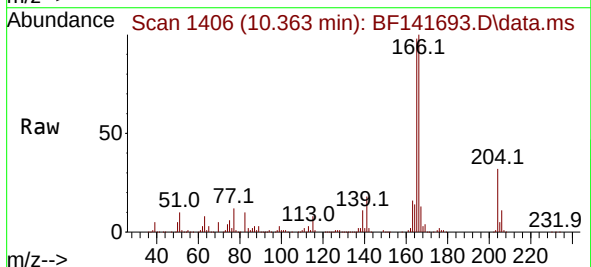
Manual Integrations

APPROVED

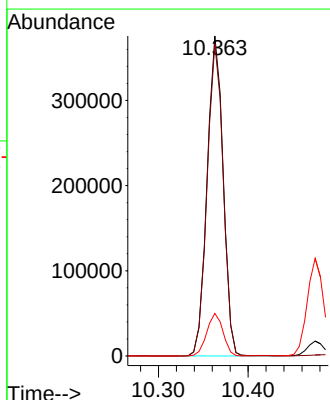
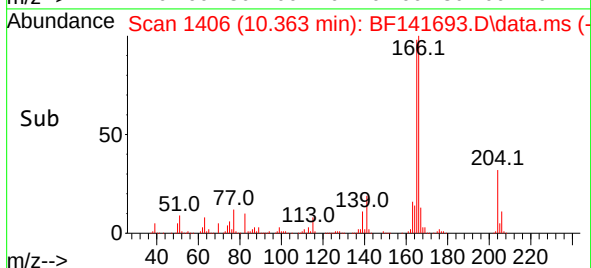
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

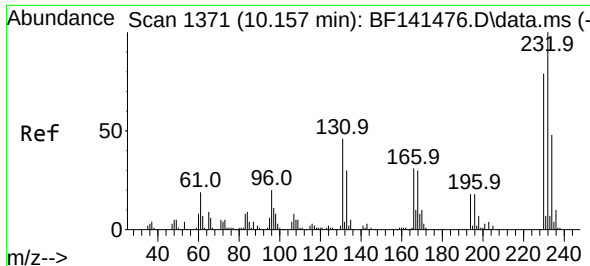


#58
Fluorene
Concen: 40.892 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



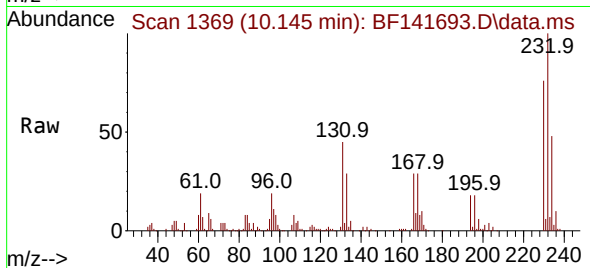
Tgt Ion:166 Resp: 467231
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.567 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

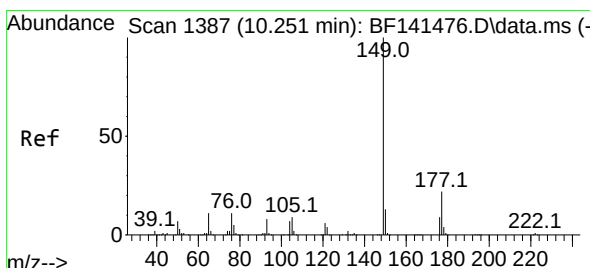
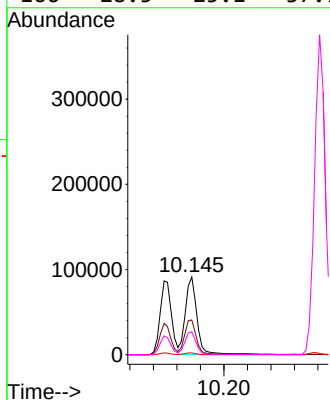
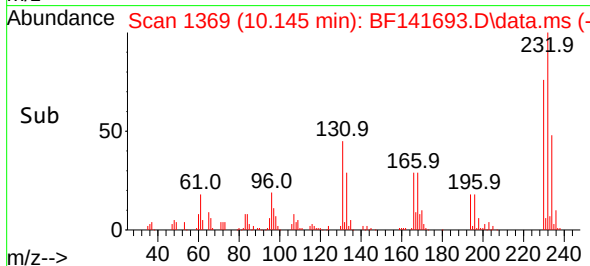
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



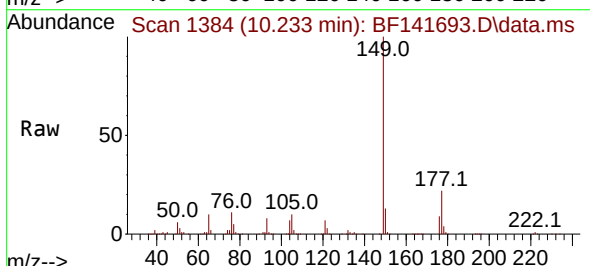
Tgt Ion:232 Resp: 124295
Ion Ratio Lower Upper
232 100
131 45.3 39.2 58.8
130 2.3 2.1 3.1
166 28.5 25.1 37.7

Manual Integrations
APPROVED

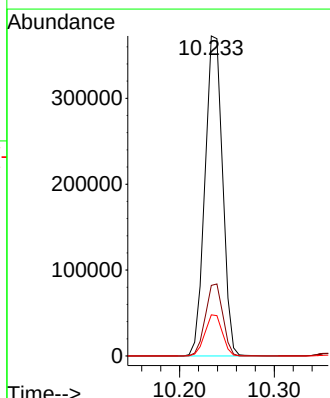
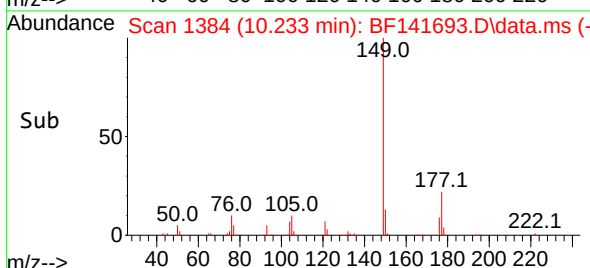
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

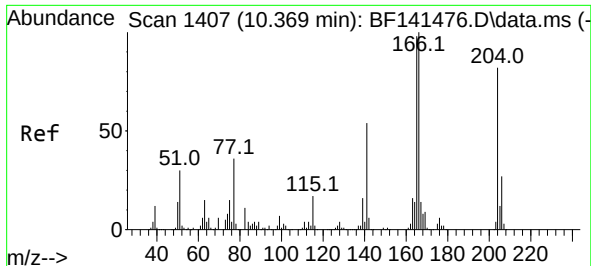


#60
Diethylphthalate
Concen: 41.053 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



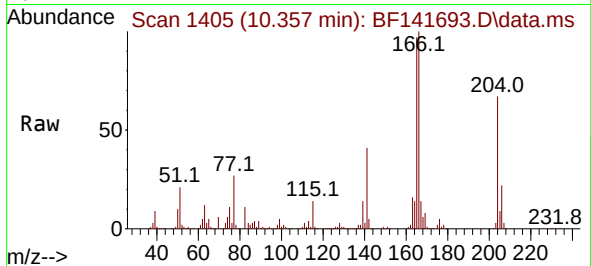
Tgt Ion:149 Resp: 481565
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.206 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

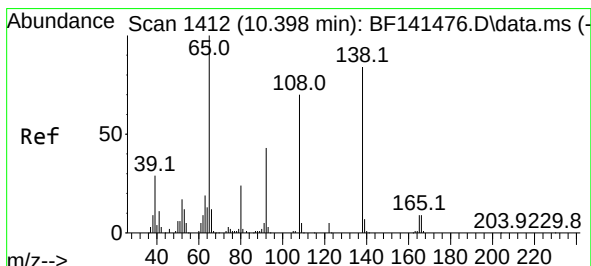
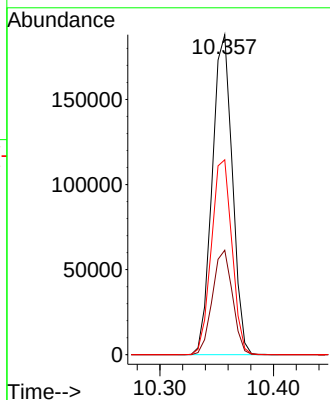
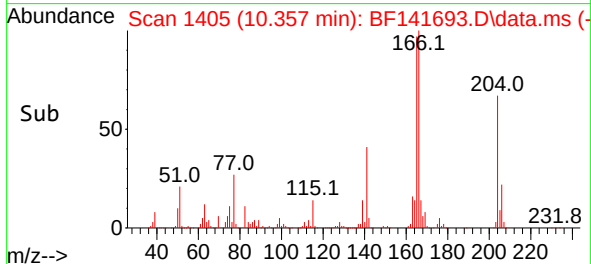
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 232000
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 60.9 51.9 77.9

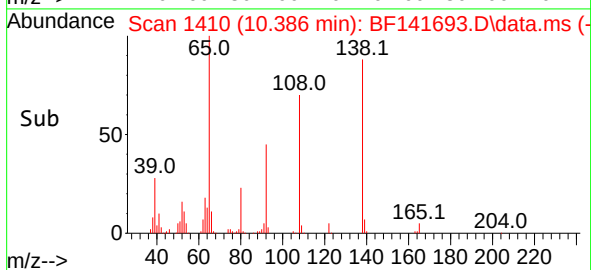
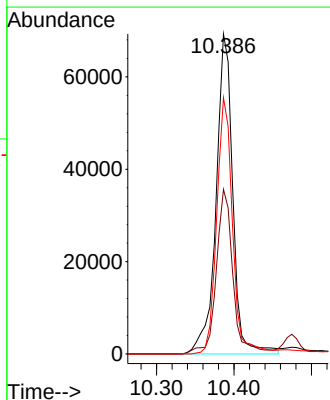
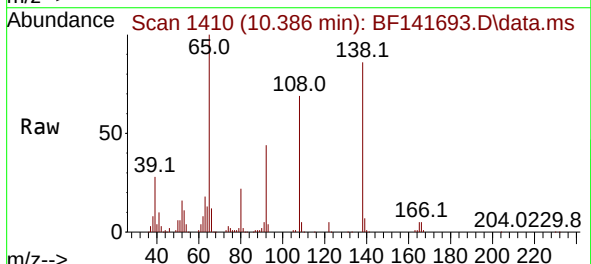
Manual Integrations
APPROVED

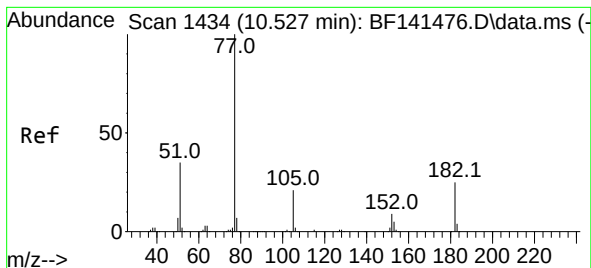
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#62
4-Nitroaniline
Concen: 36.557 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

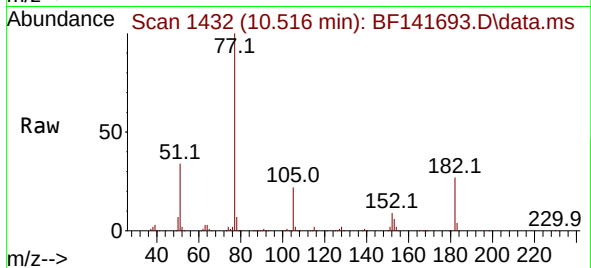
Tgt Ion:138 Resp: 104128
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 80.1 63.7 103.7





#63
Azobenzene
Concen: 39.911 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

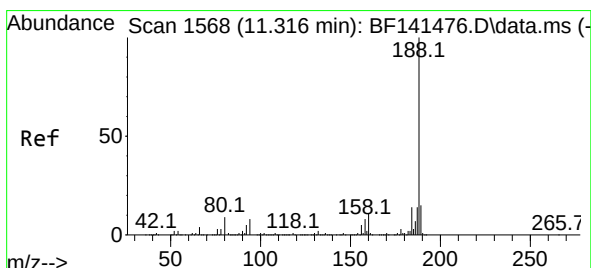
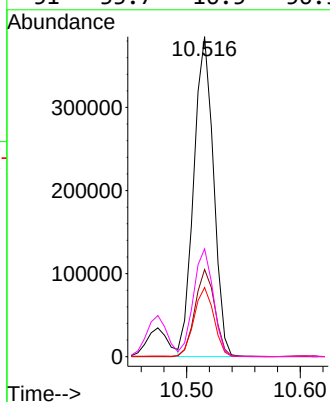
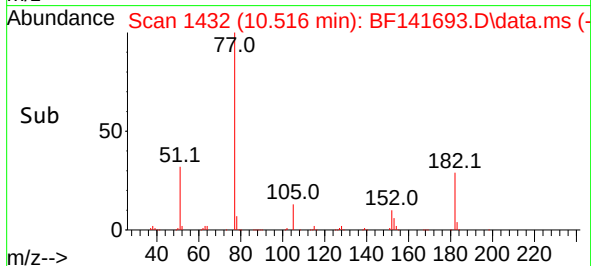
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 77 Resp: 465410
Ion Ratio Lower Upper
77 100
182 27.2 4.7 44.7
105 21.6 0.4 40.4
51 33.7 16.5 56.5

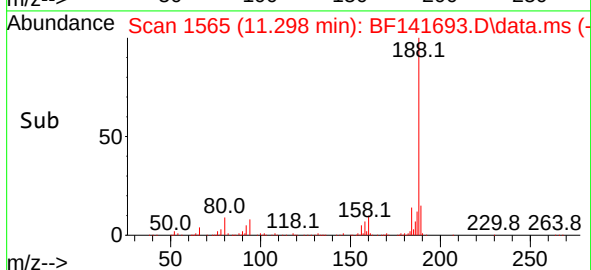
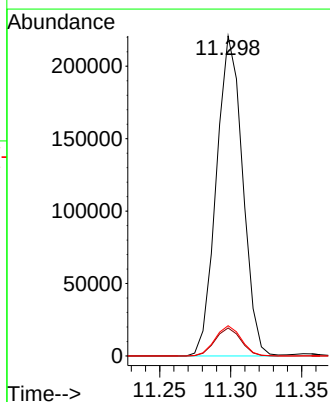
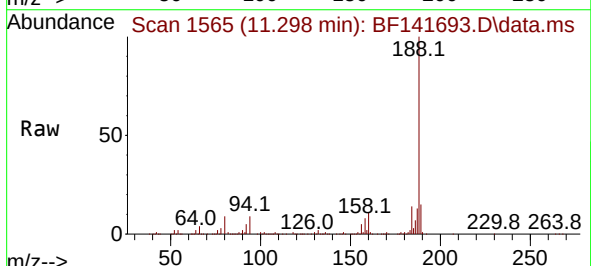
Manual Integrations
APPROVED

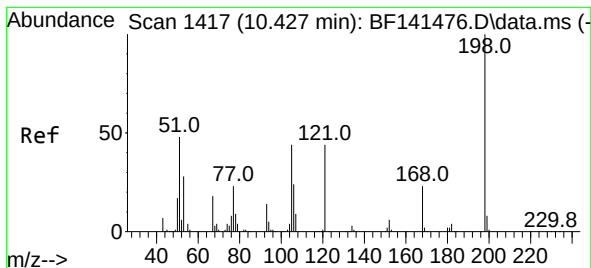
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Tgt Ion:188 Resp: 284381
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 7.3 10.9





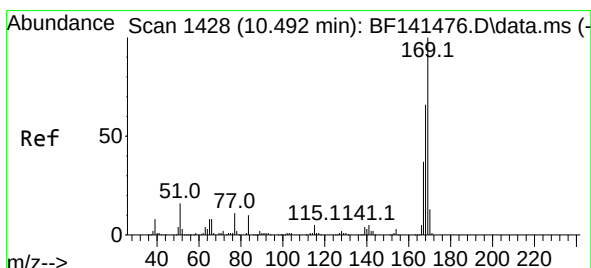
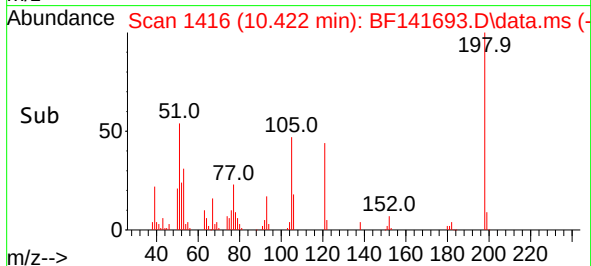
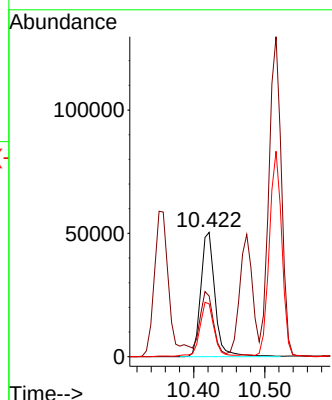
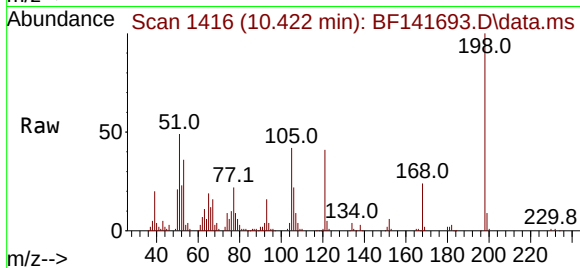
#65
4,6-Dinitro-2-methylphenol
Concen: 35.577 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 7028
Ion Ratio Lower Upper
198 100
51 48.8 37.4 77.4
105 42.4 25.2 65.2

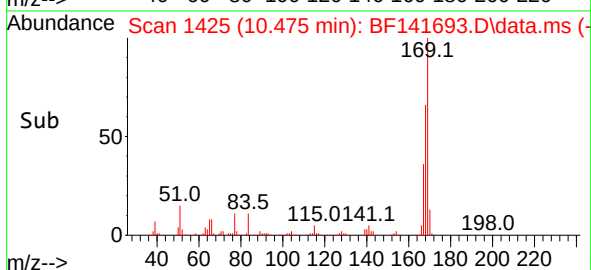
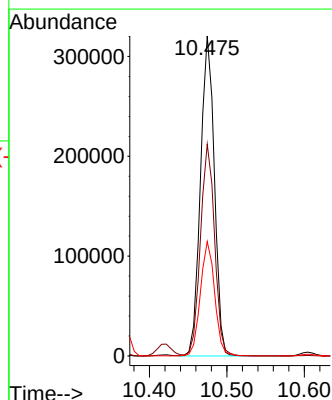
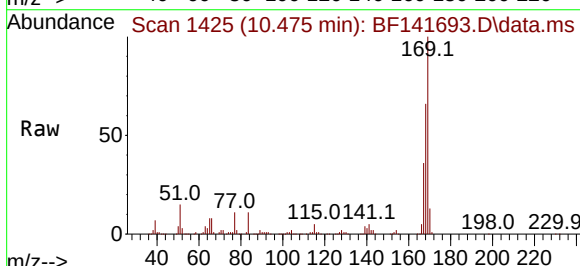
Manual Integrations
APPROVED

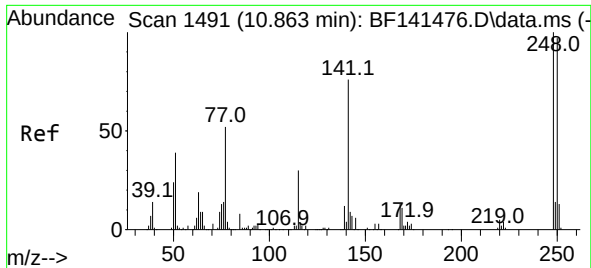
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 43.812 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

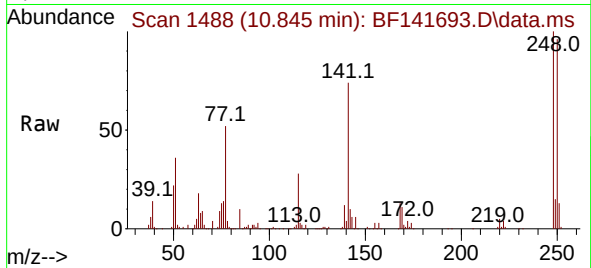
Tgt Ion:169 Resp: 398837
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 35.8 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 44.410 ng
RT: 10.845 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

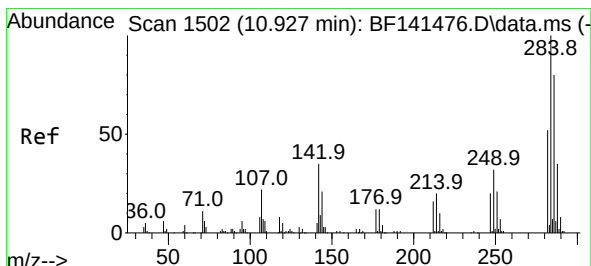
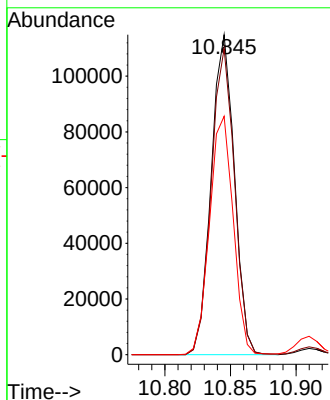
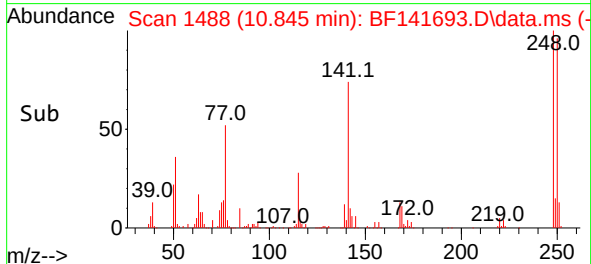
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



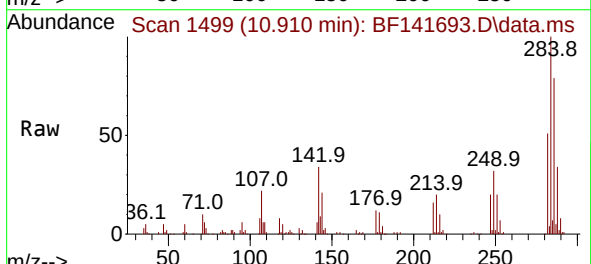
Tgt Ion:248 Resp: 141150
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.6
141 74.5 60.6 90.8

Manual Integrations
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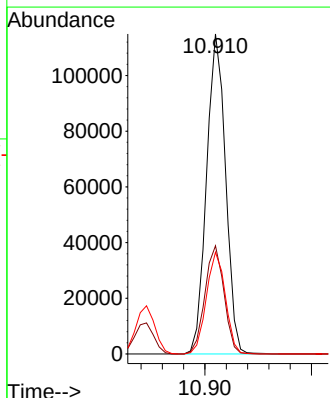
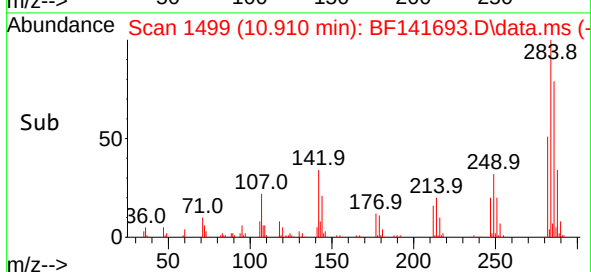
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

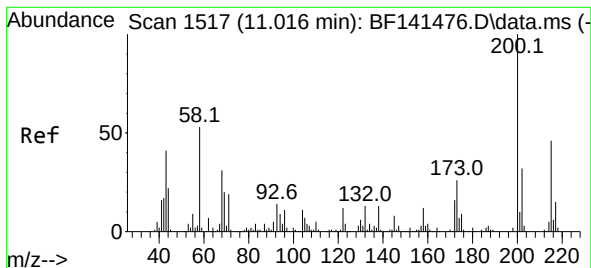


#68
Hexachlorobenzene
Concen: 43.534 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:284 Resp: 142480
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 31.8 25.8 38.8





#69

Atrazine

Concen: 38.322 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:200 Resp: 104658

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

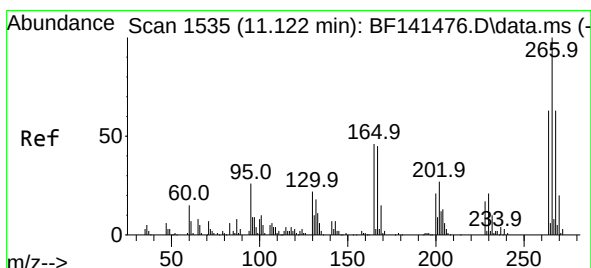
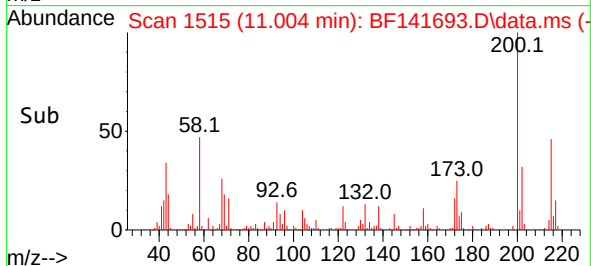
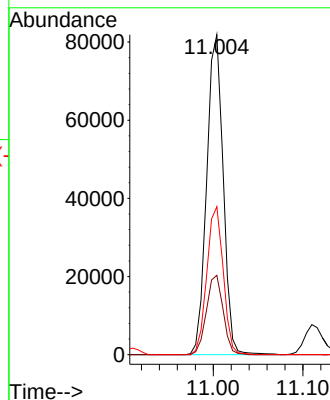
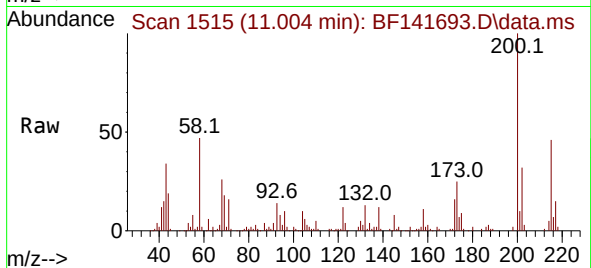
215 46.2 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#70

Pentachlorophenol

Concen: 30.952 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

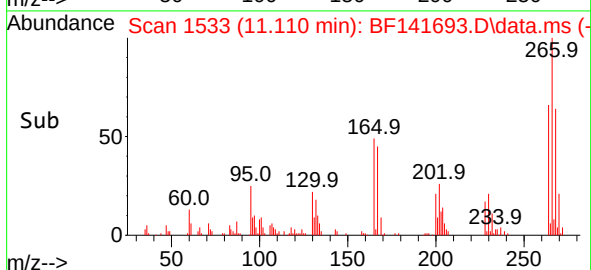
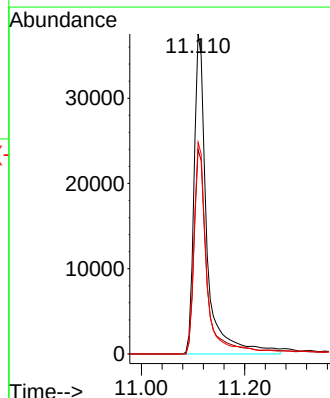
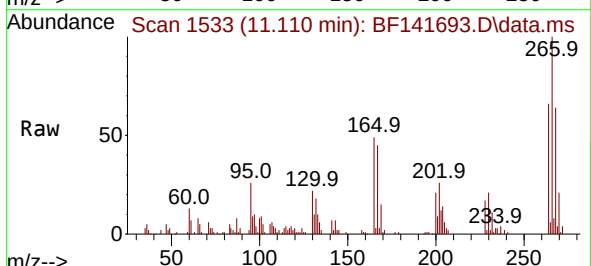
Tgt Ion:266 Resp: 64773

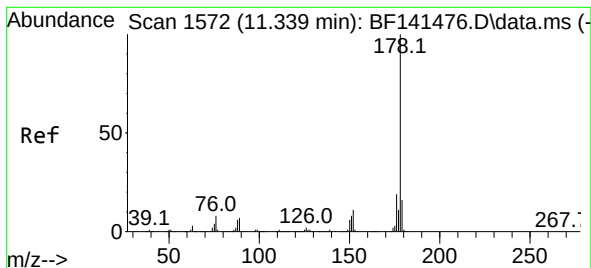
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 66.1 50.1 75.1





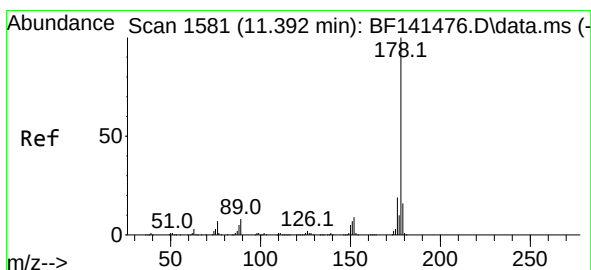
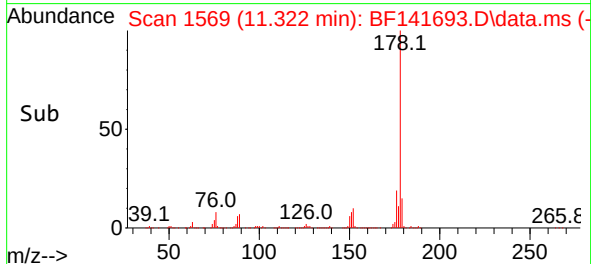
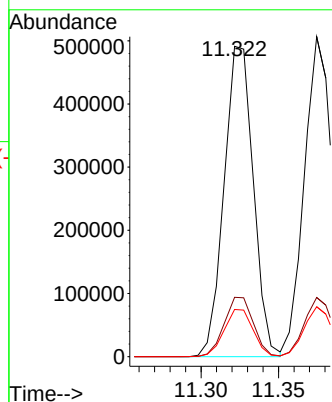
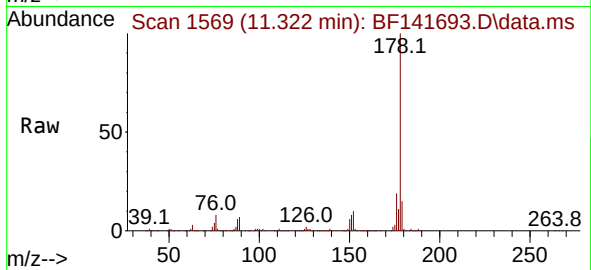
#71
Phenanthrene
Concen: 41.219 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 64523
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.4 18.6

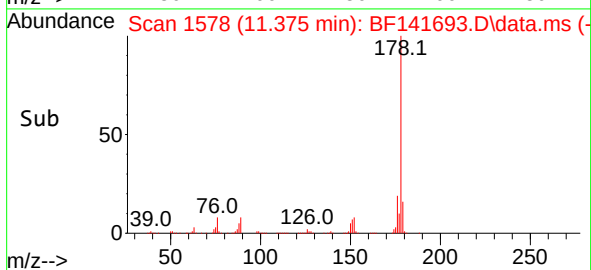
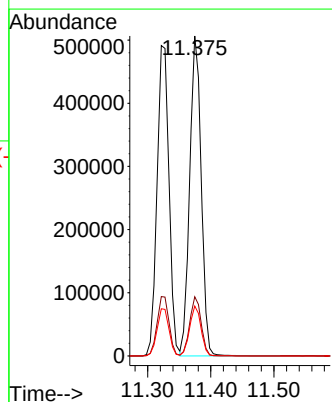
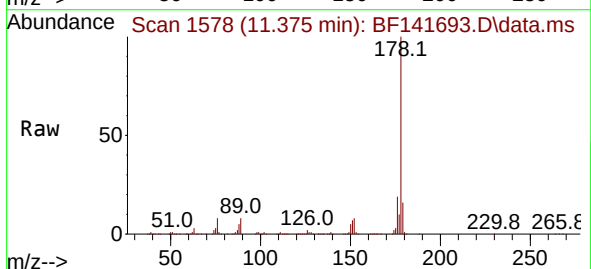
Manual Integrations
APPROVED

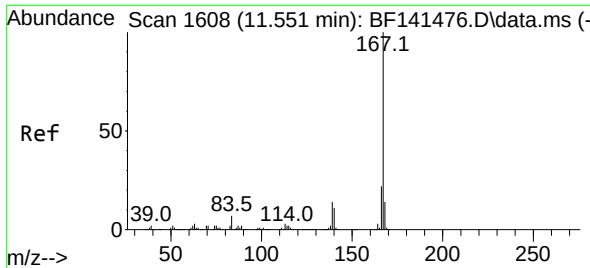
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#72
Anthracene
Concen: 40.893 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

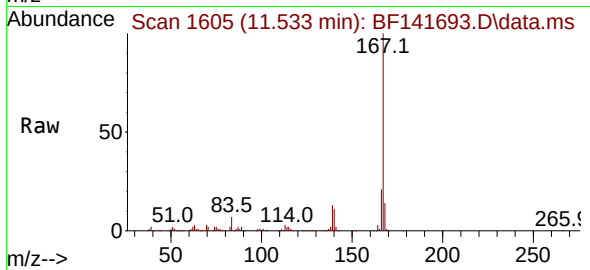
Tgt Ion:178 Resp: 643493
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 38.799 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.017 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05

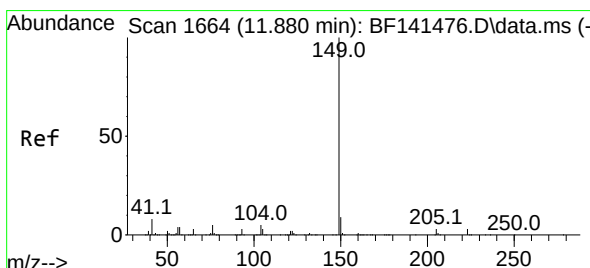
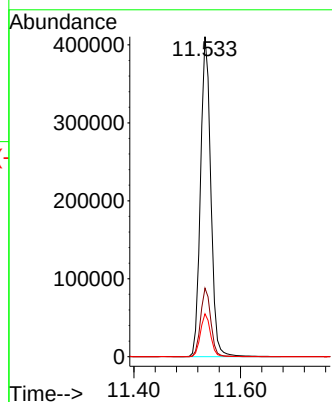
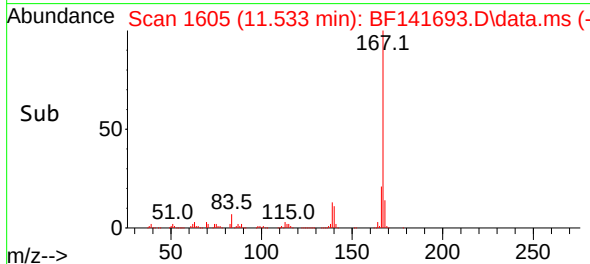
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



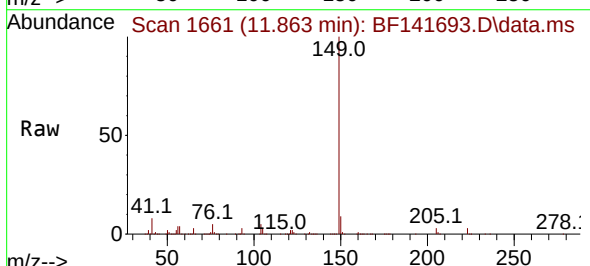
Tgt Ion:167 Resp: 54935
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 13.4 10.9 16.3

Manual Integrations
 APPROVED

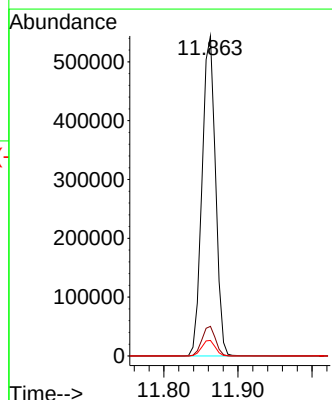
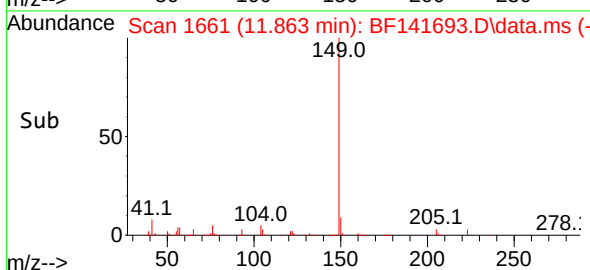
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

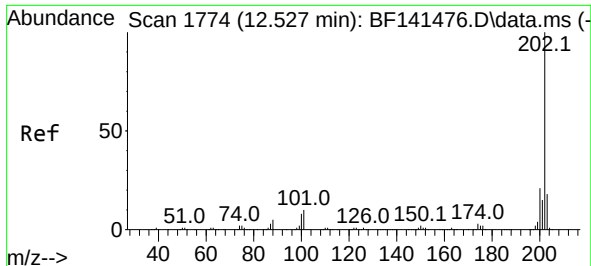


#74
 Di-n-butylphthalate
 Concen: 41.961 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.017 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05



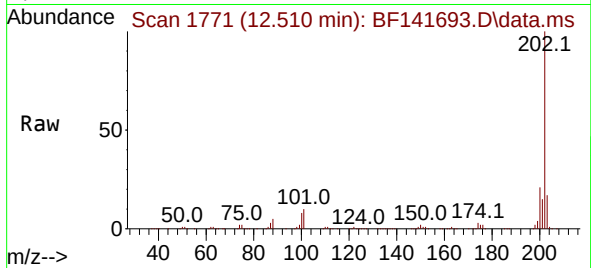
Tgt Ion:149 Resp: 686027
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 36.275 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

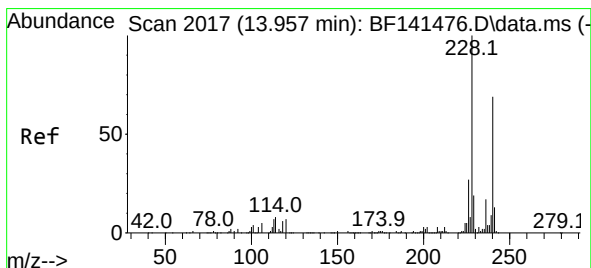
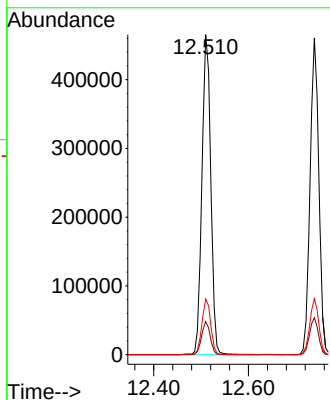
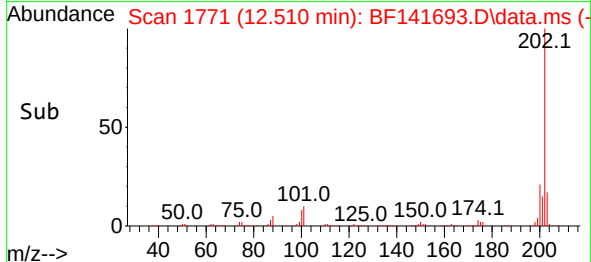
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



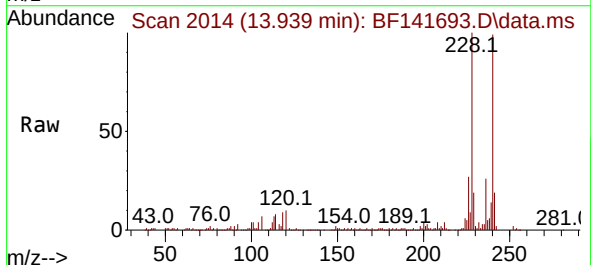
Tgt Ion:202 Resp: 602029
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.4 0.0 37.6

Manual Integrations
APPROVED

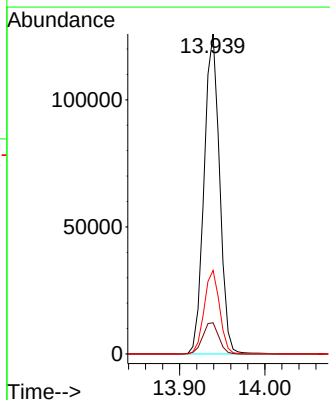
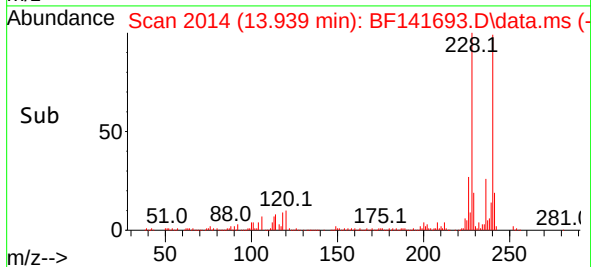
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

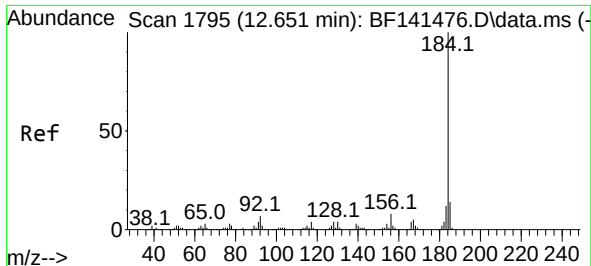


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



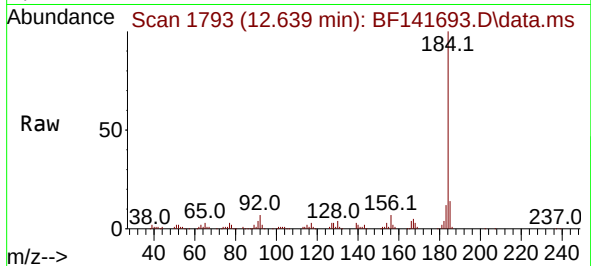
Tgt Ion:240 Resp: 159233
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 26.1 19.8 29.8





#77
Benzidine
Concen: 38.498 ng
RT: 12.639 min Scan# 1795
Delta R.T. -0.017 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

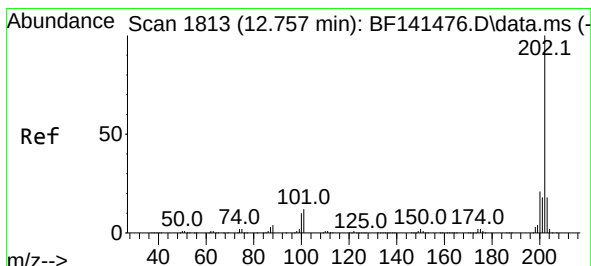
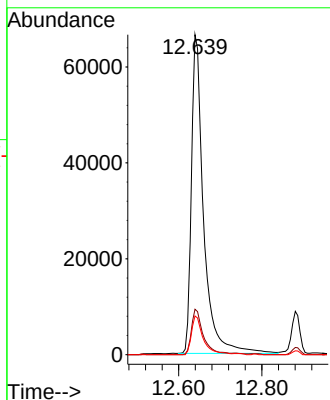
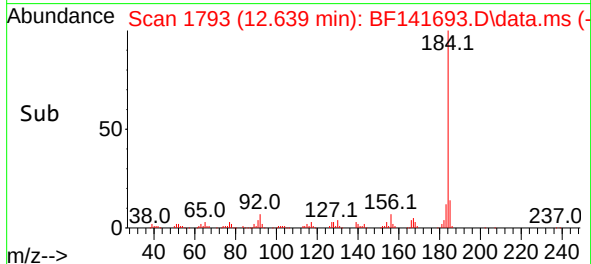
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



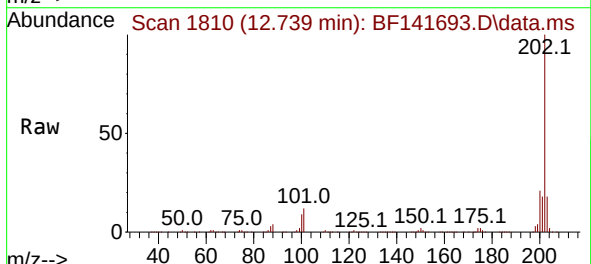
Tgt Ion:184 Resp: 135198
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.1 9.3 13.9

Manual Integrations
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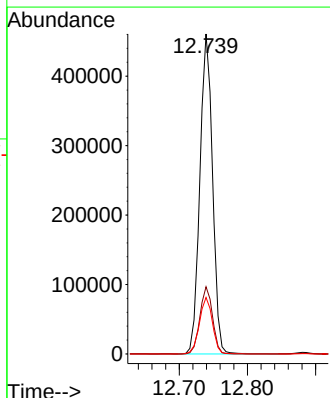
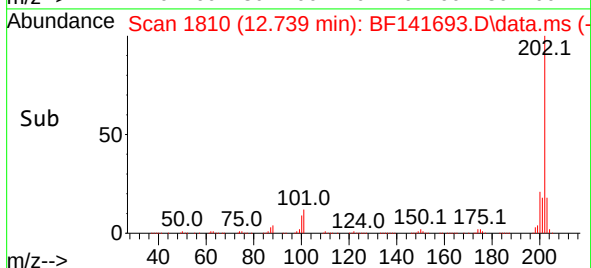
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

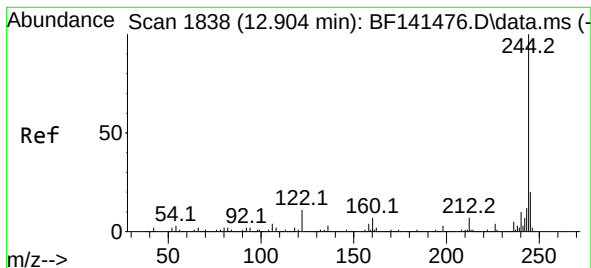


#78
Pyrene
Concen: 43.915 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:202 Resp: 595275
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 89.083 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

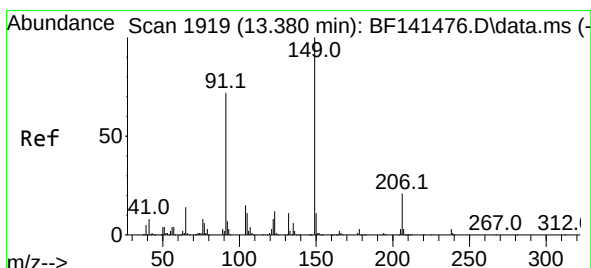
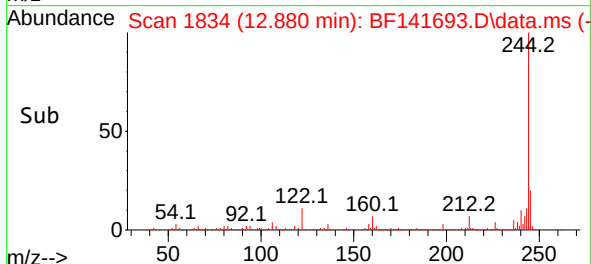
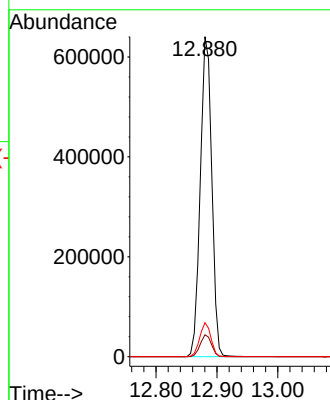
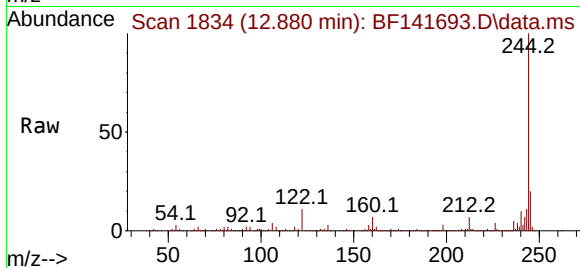
Tgt Ion:244 Resp: 84025

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.6	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#80

Butylbenzylphthalate

Concen: 46.775 ng

RT: 13.357 min Scan# 1915

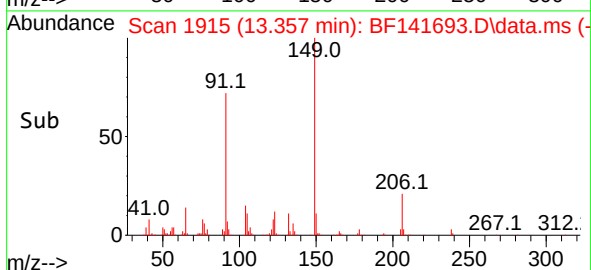
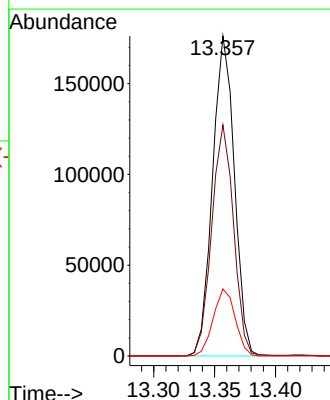
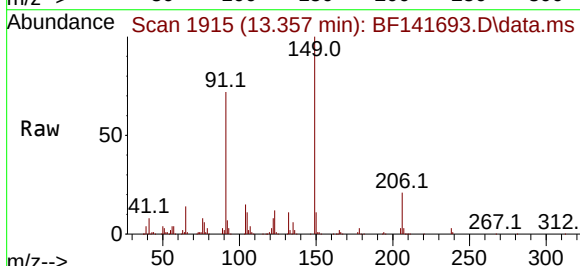
Delta R.T. -0.023 min

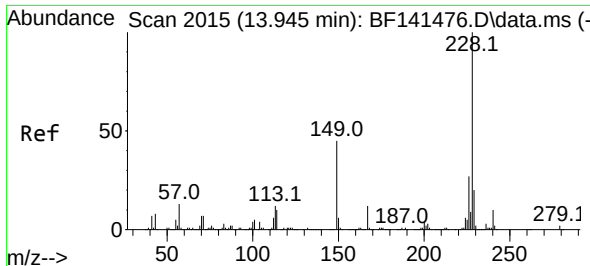
Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:149 Resp: 219614

Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.8
206	21.0	16.7	25.1





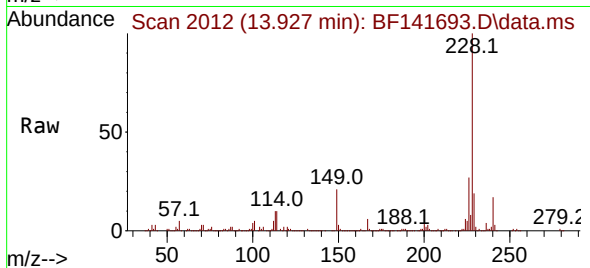
#81
Benzo(a)anthracene
Concen: 41.686 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

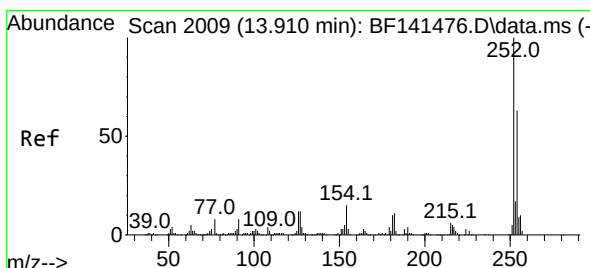
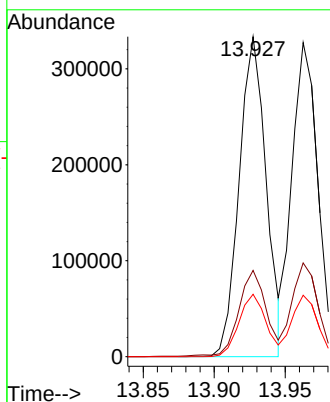
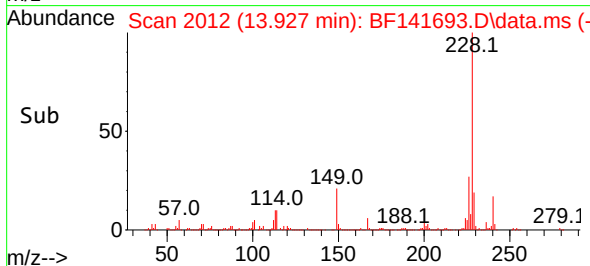


Tgt Ion:228 Resp: 441230
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.6

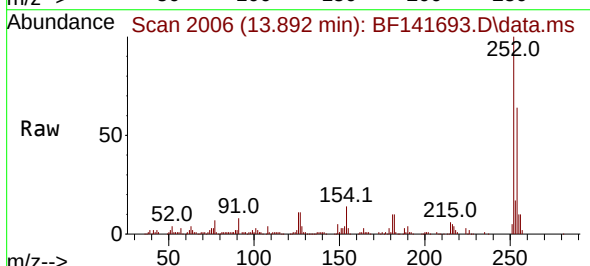
Manual Integrations

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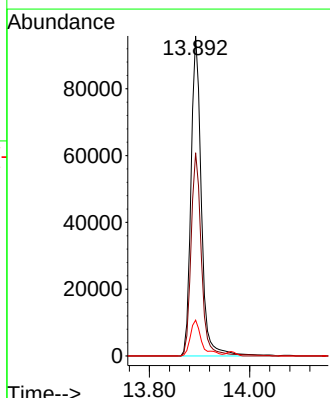
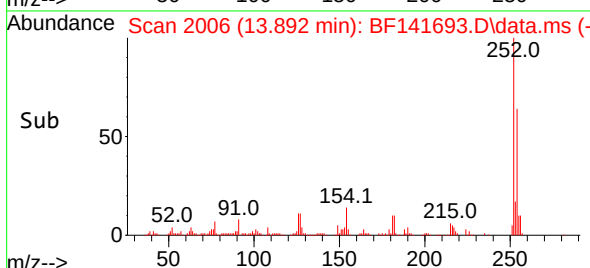
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

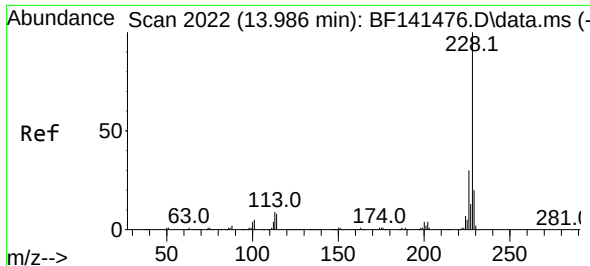


#82
3,3'-Dichlorobenzidine
Concen: 45.215 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



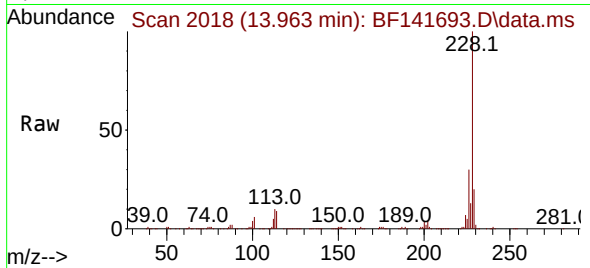
Tgt Ion:252 Resp: 137095
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 11.2 9.3 13.9





#83
Chrysene
Concen: 42.478 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.029 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

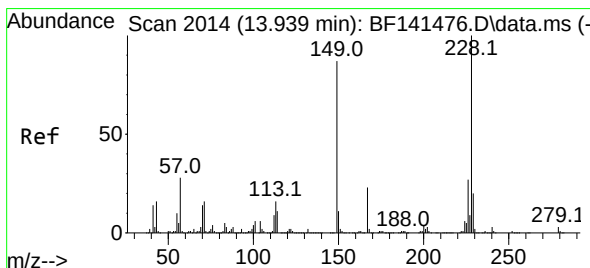
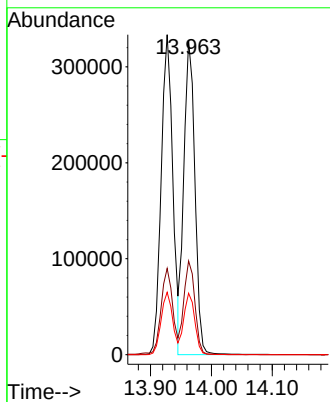
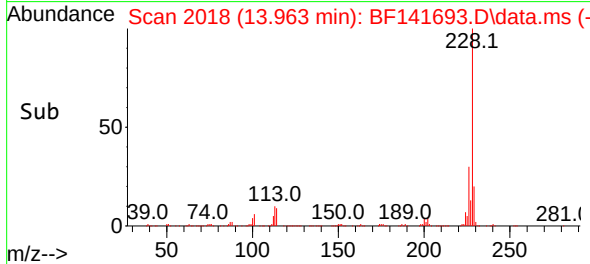
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:228 Resp: 415159
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.6 15.7 23.5

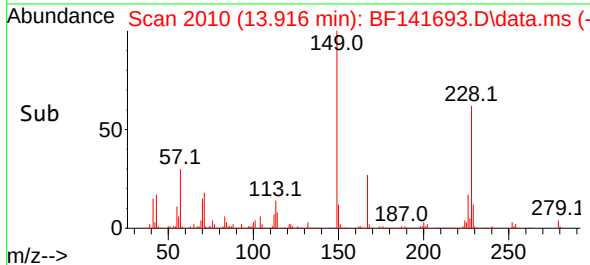
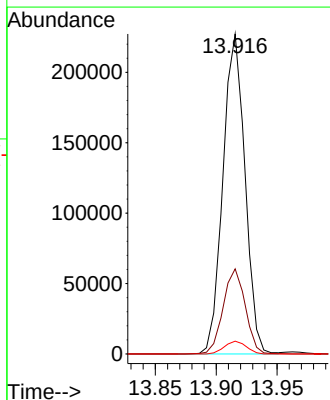
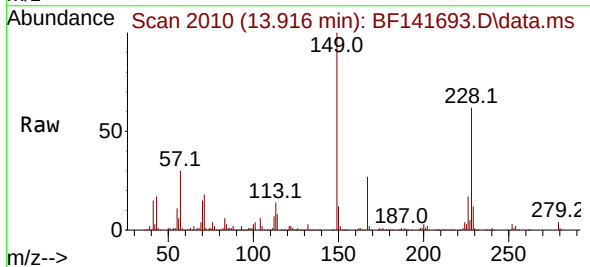
Manual Integrations
APPROVED

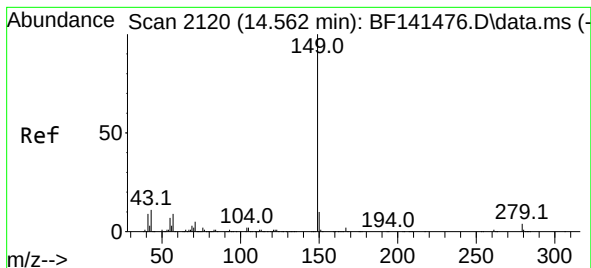
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.076 ng
RT: 13.916 min Scan# 2010
Delta R.T. -0.023 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

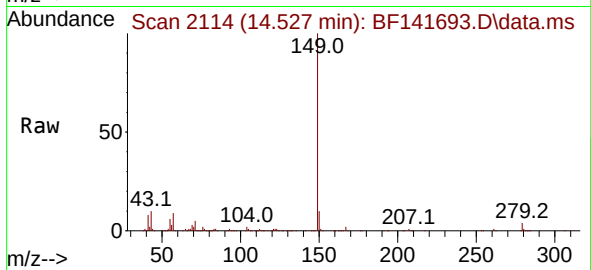
Tgt Ion:149 Resp: 286347
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 57.257 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05

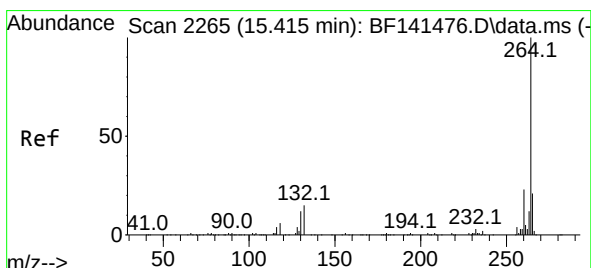
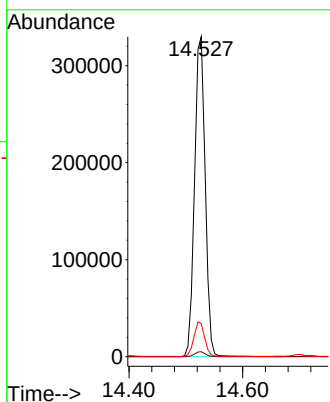
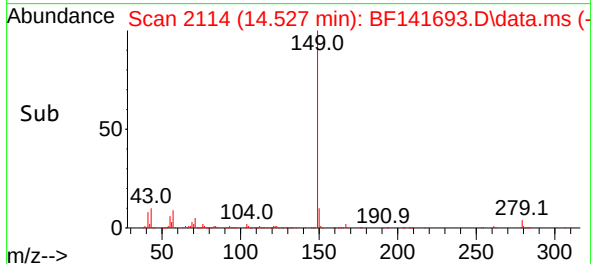
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



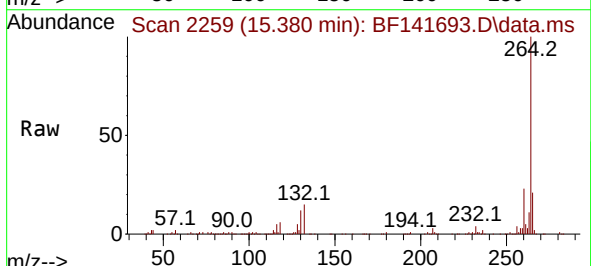
Tgt Ion:149 Resp: 43253
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.8 9.5 14.3

Manual Integrations
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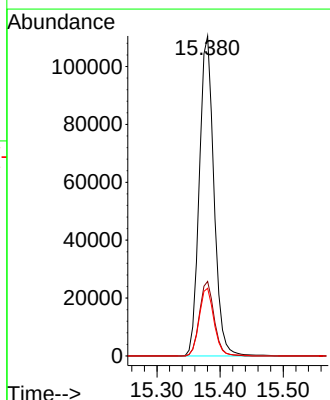
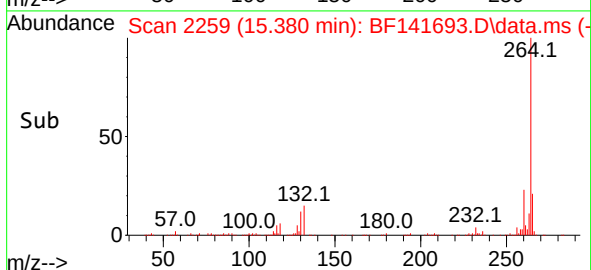
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

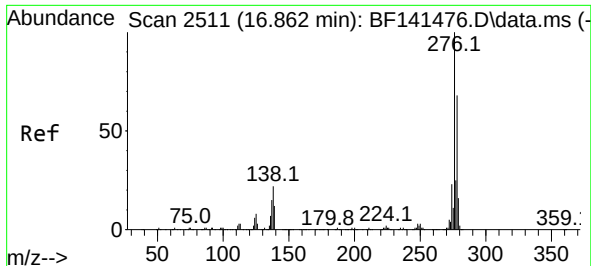


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141693.D
Acq: 20 Feb 2025 00:05



Tgt Ion:264 Resp: 177430
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.2 17.0 25.4





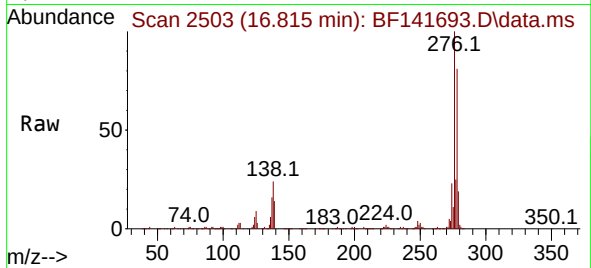
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.902 ng
 RT: 16.815 min Scan# 2180
 Delta R.T. -0.059 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

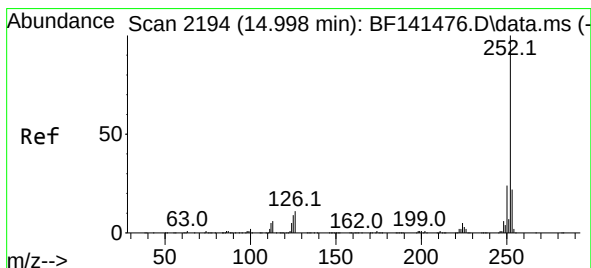
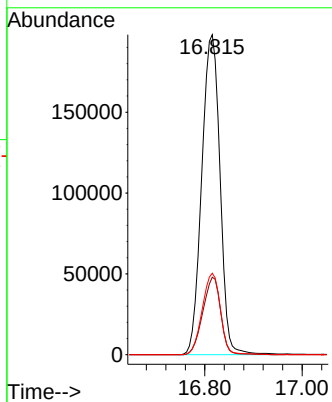
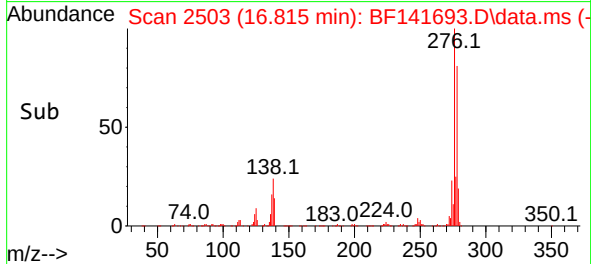


Tgt Ion:276 Resp: 514199
 Ion Ratio Lower Upper
 276 100
 138 23.6 18.0 27.0
 277 25.3 20.4 30.6

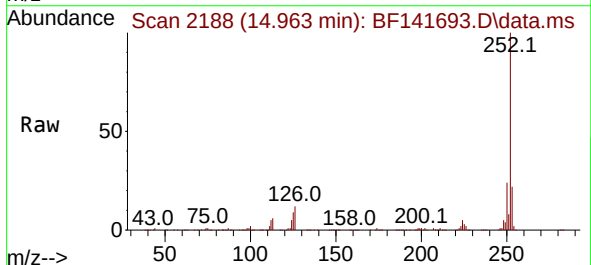
Manual Integrations

APPROVED

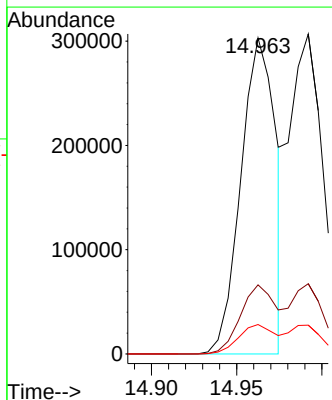
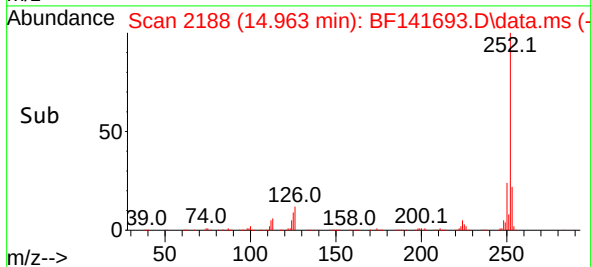
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

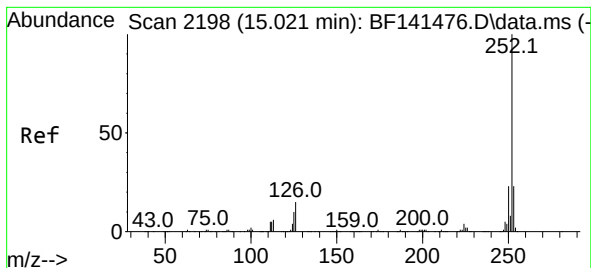


#88
 Benzo(b)fluoranthene
 Concen: 36.203 ng
 RT: 14.963 min Scan# 2188
 Delta R.T. -0.041 min
 Lab File: BF141693.D
 Acq: 20 Feb 2025 00:05



Tgt Ion:252 Resp: 431312
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.281 ng m

RT: 14.992 min Scan# 2198

Delta R.T. -0.041 min

Lab File: BF141693.D

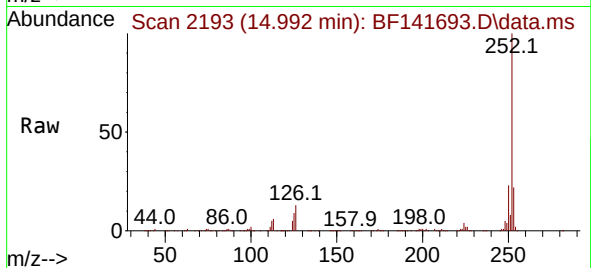
Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 41995

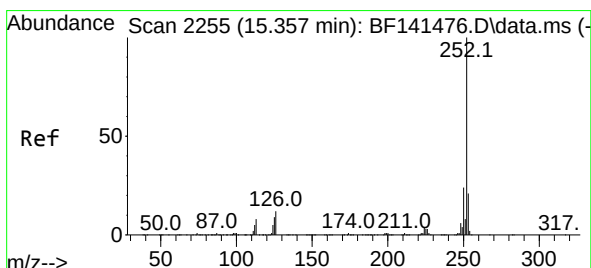
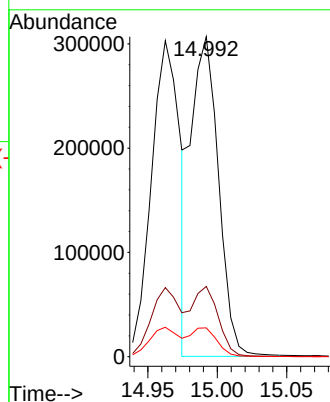
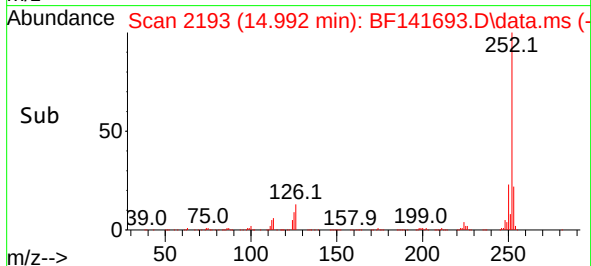
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.0	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#90

Benzo(a)pyrene

Concen: 40.915 ng

RT: 15.321 min Scan# 2249

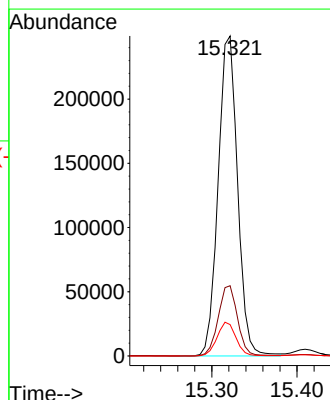
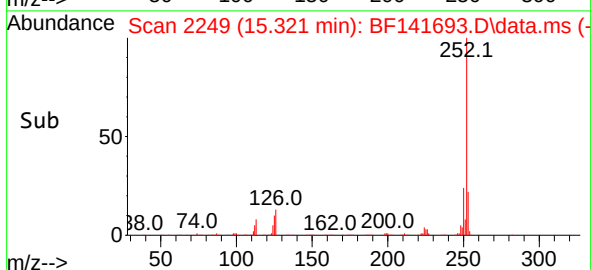
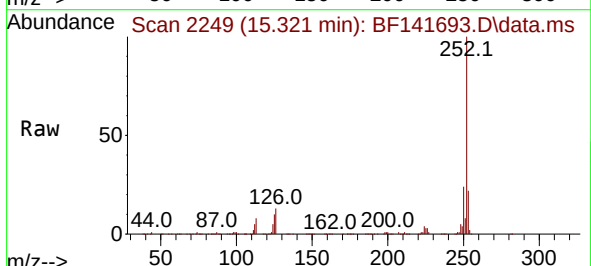
Delta R.T. -0.041 min

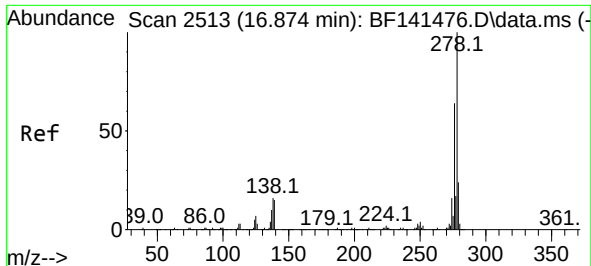
Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:252 Resp: 394420

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.8	7.4	11.2





#91

Dibenzo(a,h)anthracene

Concen: 47.231 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.065 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Instrument :

BNA_F

ClientSampleId :

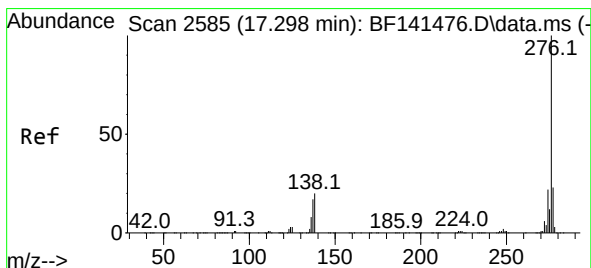
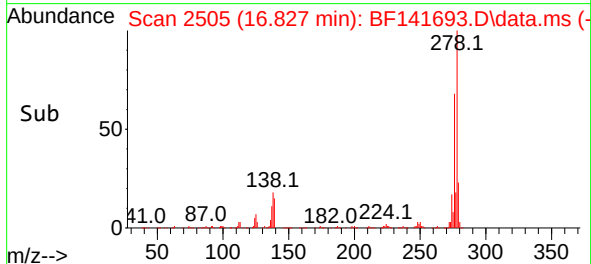
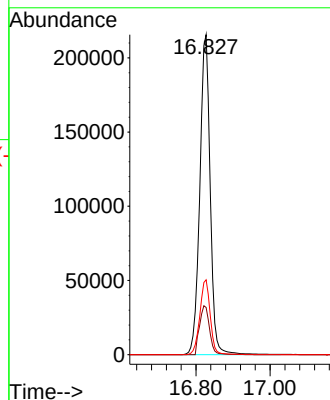
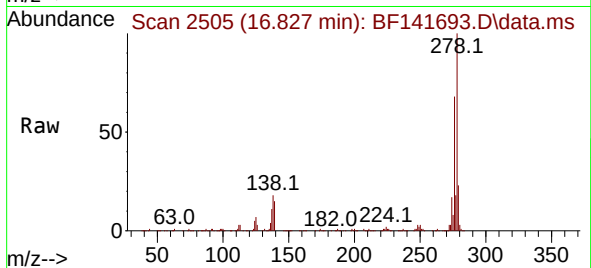
SSTDCCC040EC

Tgt Ion:278 Resp: 41956
 Ion Ratio Lower Upper
 278 100
 139 14.8 11.8 17.6
 279 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#92

Benzo(g,h,i)perylene

Concen: 46.156 ng

RT: 17.245 min Scan# 2576

Delta R.T. -0.070 min

Lab File: BF141693.D

Acq: 20 Feb 2025 00:05

Tgt Ion:276 Resp: 429072
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.6 28.0
 138 19.5 15.9 23.9

