

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141533.D
 Acq On : 10 Feb 2025 12:26
 Operator : RC/JU
 Sample : PB166619BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

Quant Time: Feb 10 12:54:54 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

Manual Integrations APPROVED

Reviewed By :Anahy
 Claudio

02/11/2025
 Supervised By :Jagrut
 Upadhyay

02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90197	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	363645	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	200498	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	341345	20.000	ng	0.00
76) Chrysene-d12	13.963	240	224165	20.000	ng	0.00
86) Perylene-d12	15.445	264	193889	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	542298	94.259	ng	0.01
7) Phenol-d6	6.434	99	663533	91.249	ng	0.00
23) Nitrobenzene-d5	7.357	82	662117	94.969	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	185126	91.915	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1253313	96.306	ng	0.00
79) Terphenyl-d14	12.898	244	1359805	102.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	96761	41.787	ng	98
3) Pyridine	3.310	79	230819	41.889	ng	99
4) n-Nitrosodimethylamine	3.263	42	161187	44.178	ng	99
6) Aniline	6.451	93	293162	42.978	ng	93
8) 2-Chlorophenol	6.581	128	285789	45.971	ng	100
9) Benzaldehyde	6.340	77	165581	42.850	ng	99
10) Phenol	6.445	94	340192	44.949	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	258448	45.464	ng	99
12) 1,3-Dichlorobenzene	6.728	146	292036	44.497	ng	99
13) 1,4-Dichlorobenzene	6.804	146	297996	44.440	ng	100
14) 1,2-Dichlorobenzene	6.957	146	286894	46.098	ng	98
15) Benzyl Alcohol	6.934	79	252931	45.358	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	447885	46.026	ng	77
17) 2-Methylphenol	7.051	107	221410	45.512	ng	98
18) Hexachloroethane	7.298	117	112819	45.461	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	196850	45.257	ng	100
20) 3+4-Methylphenols	7.204	107	281250	45.491	ng	99
22) Acetophenone	7.198	105	436054	48.205	ng	98
24) Nitrobenzene	7.375	77	301990	44.420	ng	99
25) Isophorone	7.616	82	537486	48.350	ng	99
26) 2-Nitrophenol	7.692	139	151808	44.882	ng	94
27) 2,4-Dimethylphenol	7.734	122	230740	58.395	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	326230	45.798	ng	100
29) 2,4-Dichlorophenol	7.939	162	234745	43.969	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	257928	44.364	ng	99
31) Naphthalene	8.092	128	821878	43.419	ng	100
32) Benzoic acid	7.869	122	172184	41.952	ng	98
33) 4-Chloroaniline	8.145	127	218486	33.060	ng	99
34) Hexachlorobutadiene	8.210	225	158452	45.398	ng	99
35) Caprolactam	8.522	113	82348m	50.659	ng	
36) 4-Chloro-3-methylphenol	8.633	107	259537	43.886	ng	100
37) 2-Methylnaphthalene	8.786	142	522602	42.427	ng	99
38) 1-Methylnaphthalene	8.886	142	508295	42.606	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	282482	48.698	ng	98
41) Hexachlorocyclopentadiene	8.939	237	317193	164.405	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	170317	45.429	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141533.D
 Acq On : 10 Feb 2025 12:26
 Operator : RC/JU
 Sample : PB166619BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

02/11/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Feb 10 12:54:54 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)
44) 2,4,5-Trichlorophenol	9.116	196	176861	43.529	ng	97
46) 1,1'-Biphenyl	9.251	154	755777	48.621	ng	99
47) 2-Chloronaphthalene	9.275	162	512881	44.620	ng	100
48) 2-Nitroaniline	9.375	65	171825	44.542	ng	98
49) Acenaphthylene	9.692	152	793675	46.422	ng	100
50) Dimethylphthalate	9.551	163	609272	44.762	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134492	45.199	ng	98
52) Acenaphthene	9.863	154	512099	44.554	ng	99
53) 3-Nitroaniline	9.786	138	87976	27.471	ng	99
54) 2,4-Dinitrophenol	9.898	184	159087	89.959	ng	96
55) Dibenzofuran	10.033	168	726329	43.052	ng	100
56) 4-Nitrophenol	9.963	139	217637	91.546	ng	98
57) 2,4-Dinitrotoluene	10.022	165	184501	46.578	ng	99
58) Fluorene	10.375	166	578509	44.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153497	43.880	ng	97
60) Diethylphthalate	10.251	149	589921	44.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	279211	44.491	ng	99
62) 4-Nitroaniline	10.398	138	137313	42.225	ng	98
63) Azobenzene	10.527	77	580381	43.594	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	103421	43.616	ng	98
66) n-Nitrosodiphenylamine	10.486	169	499439	45.708	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	173022	45.353	ng	97
68) Hexachlorobenzene	10.927	284	185767	47.288	ng	98
69) Atrazine	11.022	200	194866	59.446	ng	98
70) Pentachlorophenol	11.122	266	214572	85.422	ng	100
71) Phenanthrene	11.339	178	855349	45.523	ng	100
72) Anthracene	11.392	178	881404	46.665	ng	100
73) Carbazole	11.545	167	753860	44.357	ng	100
74) Di-n-butylphthalate	11.874	149	899944	45.860	ng	100
75) Fluoranthene	12.527	202	863445	43.344	ng	100
77) Benzidine	12.651	184	371347	75.114	ng	99
78) Pyrene	12.757	202	876728	45.944	ng	99
80) Butylbenzylphthalate	13.374	149	322579	48.804	ng	99
81) Benzo(a)anthracene	13.951	228	688760	46.222	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	126075	29.536	ng	99
83) Chrysene	13.992	228	610220	44.351	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	379642	50.927	ng	99
85) Di-n-octyl phthalate	14.580	149	583387	54.857	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	612239	51.104	ng	100
88) Benzo(b)fluoranthene	15.021	252	590236	45.338	ng	100
89) Benzo(k)fluoranthene	15.051	252	436093	39.228	ng	99
90) Benzo(a)pyrene	15.380	252	485203	46.059	ng	97
91) Dibenzo(a,h)anthracene	16.909	278	494642	50.955	ng	100
92) Benzo(g,h,i)perylene	17.333	276	484949	47.739	ng	99

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

Manual Integrations

02/11/2025
Supervised By :Jagrut
Upadhyay

02/11/2025

Abundance

TIC: BF141533.D\data.ms

Upadhyay

02/11/2025

Time-->

1,4-Dioxane

p-Nitrosodiphenylamine,

2-Fluorophenol, S

Benzaldehyde

bis(2-Chloroethyl)phosphine

1,3-Dichlorobenzene, C

1,4-Dichlorobenzene, d4,1

Benzyl Alcohol

Hexachlorocyclopentadiene

2-Nitrophenol, C

Isophorone

Benzoin acid

2-Chlorophenol

4-Chloroaniline

Naphthalene

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphenol, S

2,4,5,2,4,6-Tetrachlorophenol, C

2-Nitroaniline

2,6-Dinitrophenol

3-Nitroaniline

Acenaphthene, C

2,3,4,6-Tetrachlorophenylphthalate

4,6-Dinitroazobenzene

2,4,6-Trinitrophenol, S

Hexachlorocyclopentadiene, P

2-Chloronaphthalene

1,1'-Biphenyl

Acenaphthylene

Acenaphthene, C

Dibenzofuran

4-Chlorophenyl-phenylether

n-Nitrosodiphenylamine, c

Phenanthrene

Phenanthrene, C

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

2,2'-Dichlorobenzidine

Chrysene, C

2-Ethylphthalate

Benzo(a)anthracene

Di-n-octyl phthalate, c

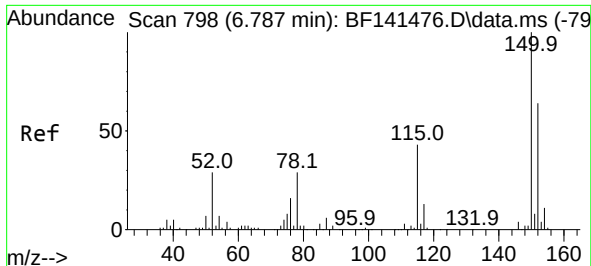
Benzo(b)fluoranthene

Benzo(a)pyrene, C

Perylene-d12,1

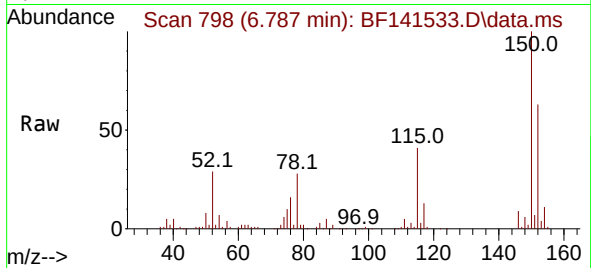
Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



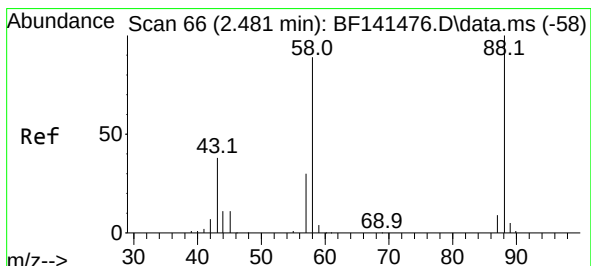
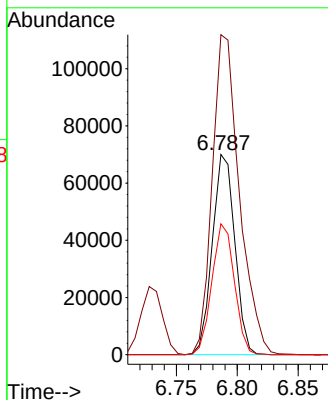
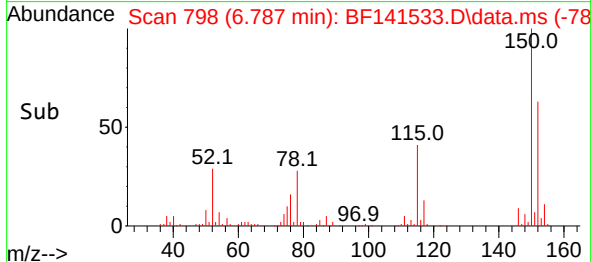
Tgt Ion:152 Resp: 9019
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.4
115 65.4 53.6 80.4

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

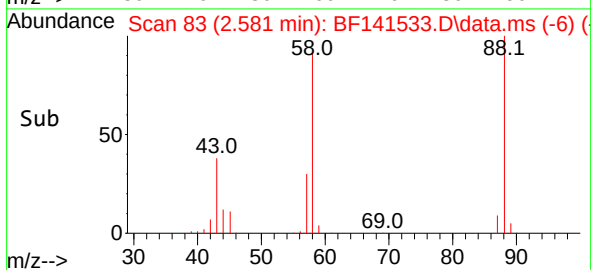
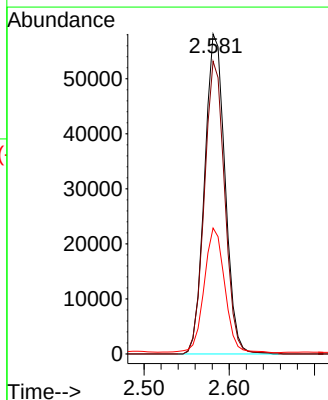
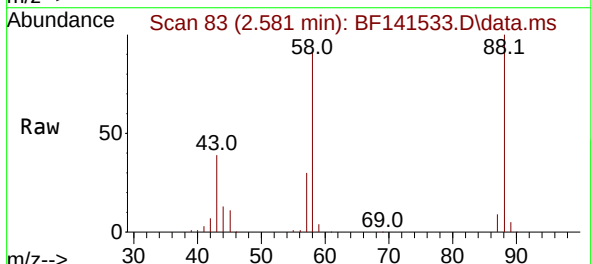
02/11/2025
Supervised By :Jagrut
Upadhyay

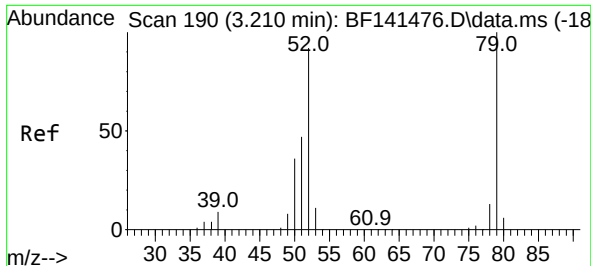
02/11/2025



#2
1,4-Dioxane
Concen: 41.787 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.100 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 88 Resp: 96761
Ion Ratio Lower Upper
88 100
58 90.9 71.1 106.7
43 39.4 30.6 46.0





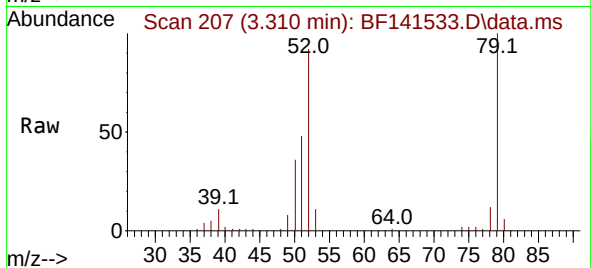
#3
Pyridine
Concen: 41.889 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion: 79 Resp: 230819
Ion Ratio Lower Upper
79 100
52 91.9 73.7 110.5
51 47.8 37.5 56.3

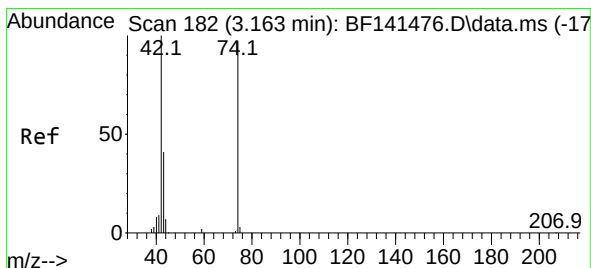
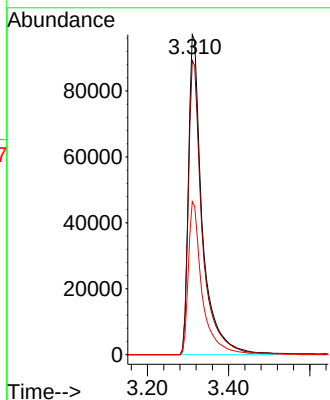
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

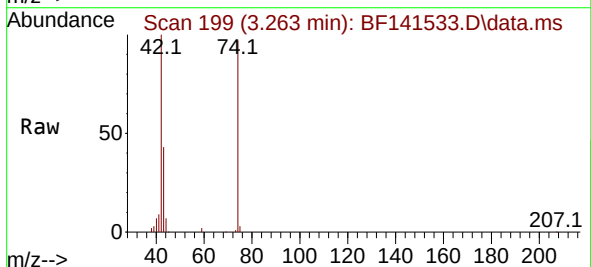
02/11/2025

Supervised By :Jagrut
Upadhyay

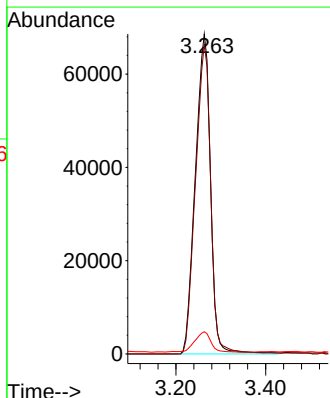
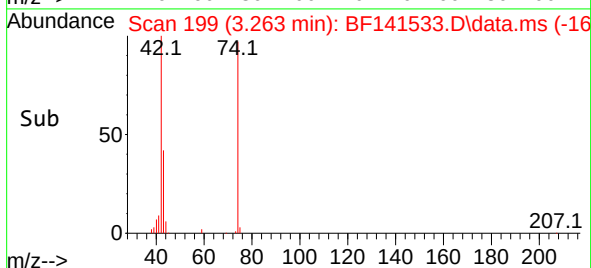
02/11/2025

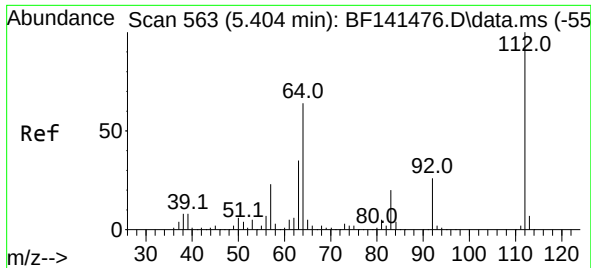


#4
n-Nitrosodimethylamine
Concen: 44.178 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.077 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion: 42 Resp: 161187
Ion Ratio Lower Upper
42 100
74 96.7 78.0 117.0
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 94.259 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

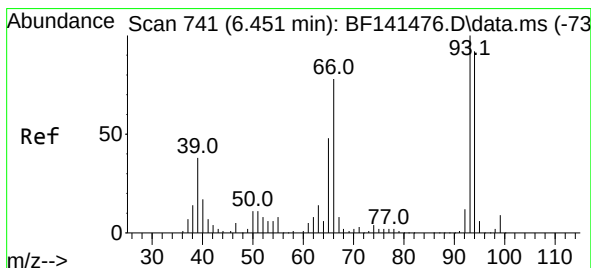
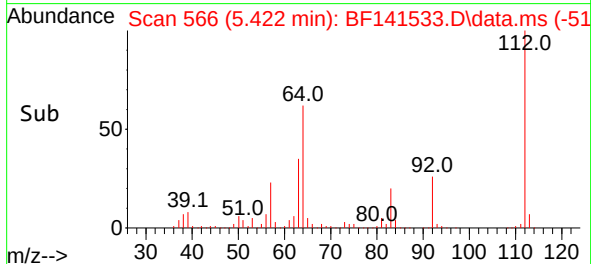
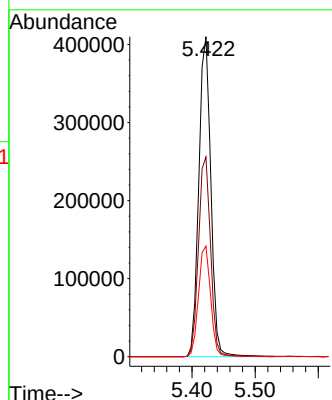
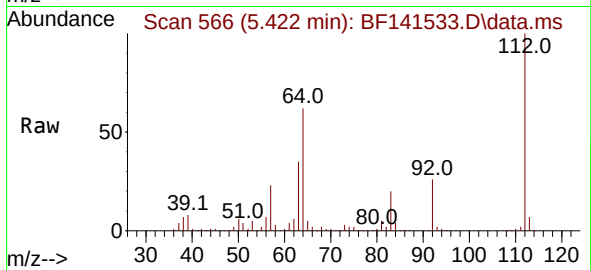
Tgt Ion:112 Resp: 542298
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 34.5 28.4 42.6

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

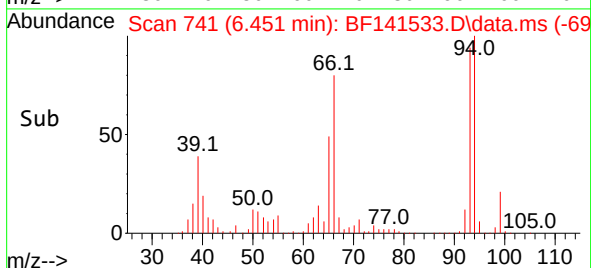
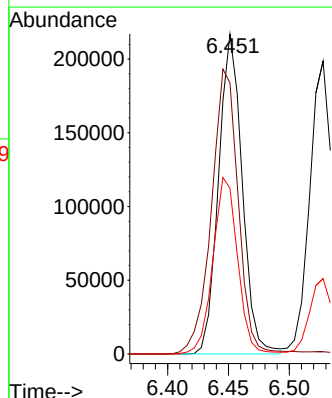
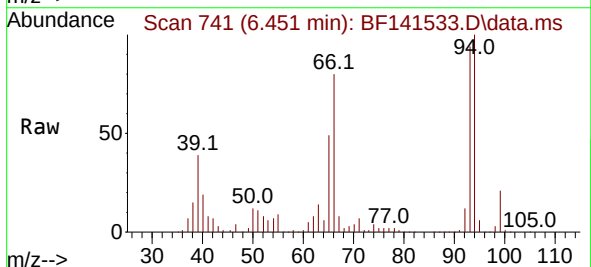
02/11/2025
Supervised By :Jagrut
Upadhyay

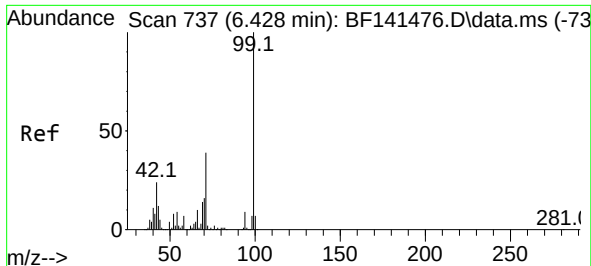
02/11/2025



#6
Aniline
Concen: 42.978 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 93 Resp: 293162
Ion Ratio Lower Upper
93 100
66 84.8 62.6 94.0
65 51.8 38.3 57.5





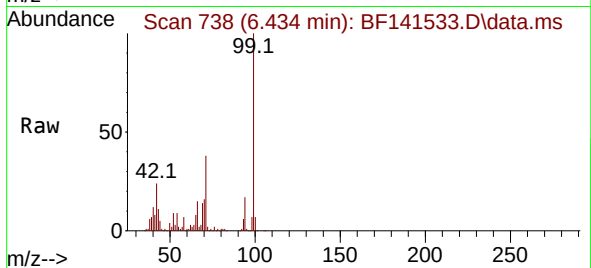
#7
Phenol-d6
Concen: 91.249 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion: 99 Resp: 66353
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 38.5 31.1 46.7

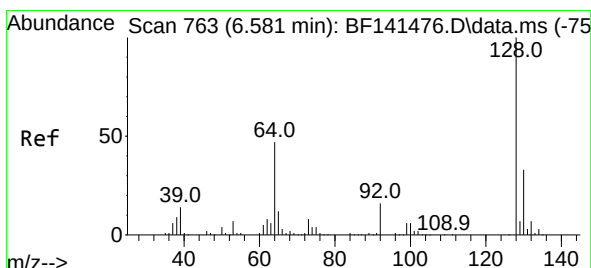
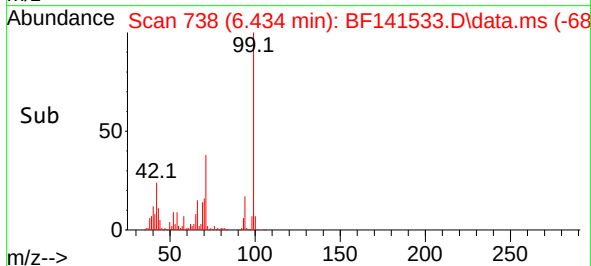
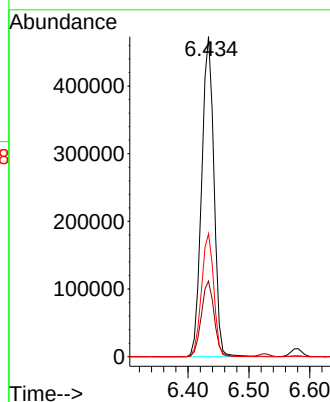
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

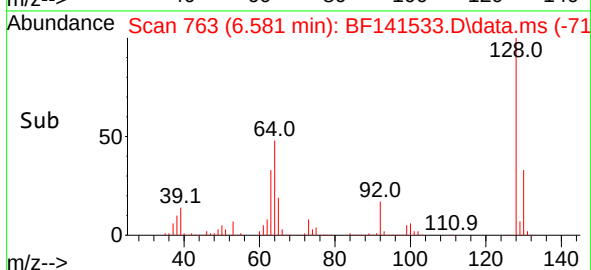
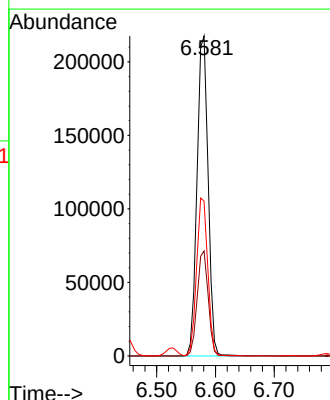
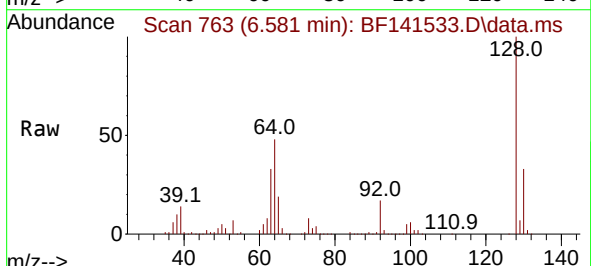
Supervised By :Jagrut
Upadhyay

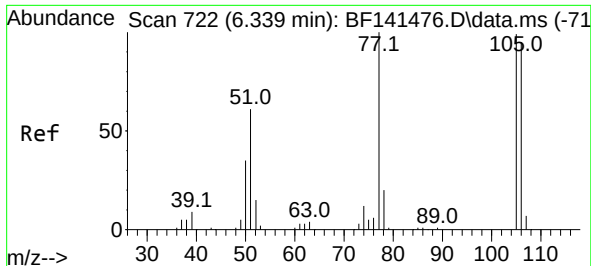
02/11/2025



#8
2-Chlorophenol
Concen: 45.971 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

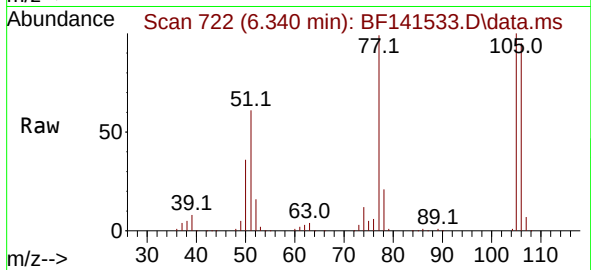
Tgt Ion:128 Resp: 285789
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 48.4 28.3 68.3





#9
Benzaldehyde
Concen: 42.850 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



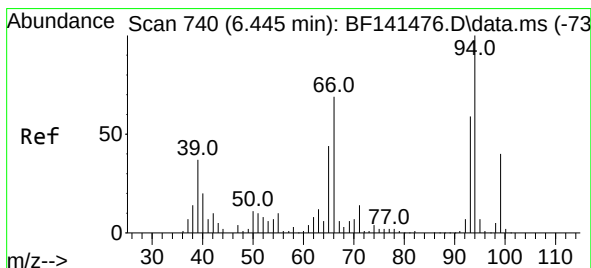
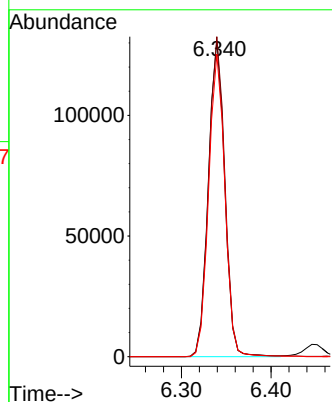
Tgt Ion: 77 Resp: 16558
Ion Ratio Lower Upper
77 100
105 101.3 79.4 119.4
106 95.8 75.1 115.1

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

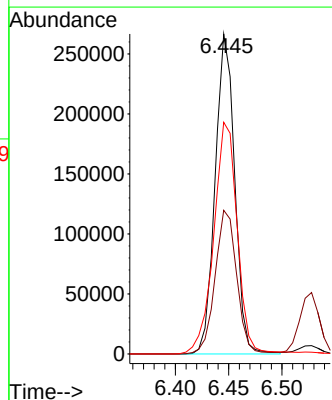
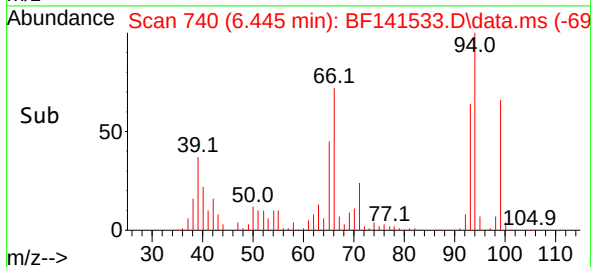
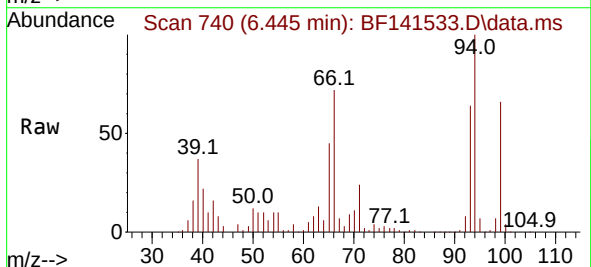
02/11/2025
Supervised By :Jagrut
Upadhyay

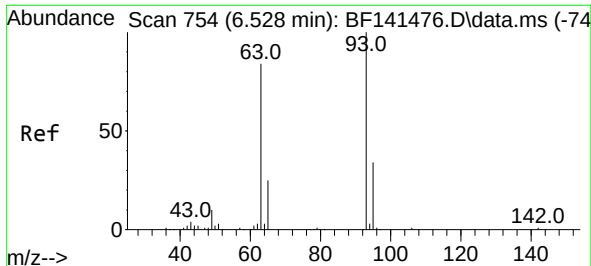
02/11/2025



#10
Phenol
Concen: 44.949 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 94 Resp: 340192
Ion Ratio Lower Upper
94 100
65 44.9 23.7 63.7
66 72.4 49.3 89.3





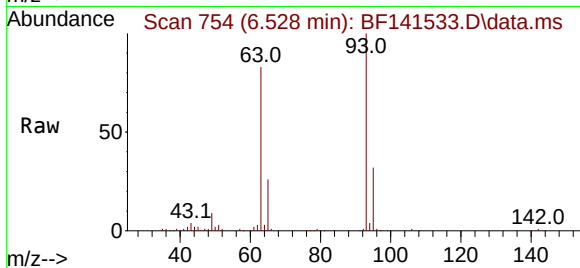
#11
bis(2-Chloroethyl)ether
Concen: 45.464 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion: 93 Resp: 25844
Ion Ratio Lower Upper
93 100
63 83.2 62.0 102.0
95 32.1 12.6 52.6

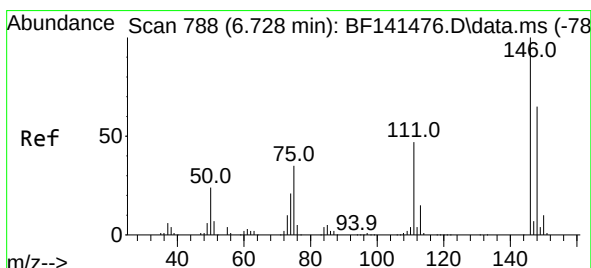
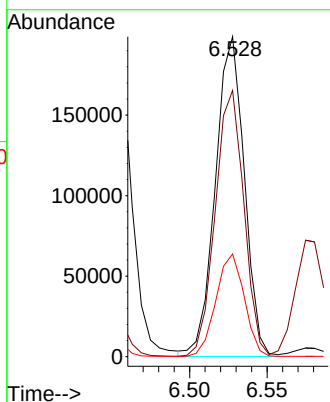
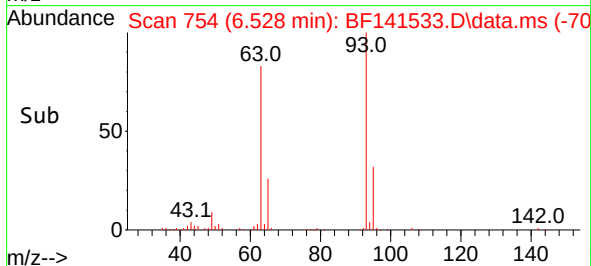
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

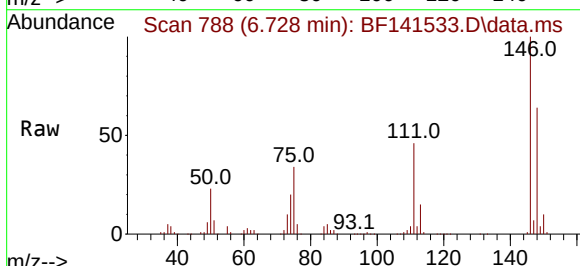
02/11/2025

Supervised By :Jagrut
Upadhyay

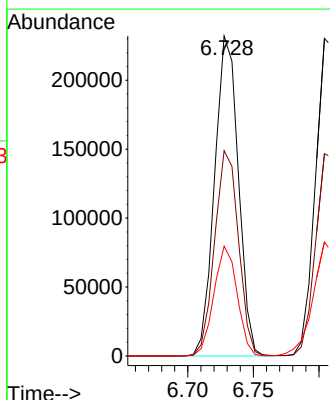
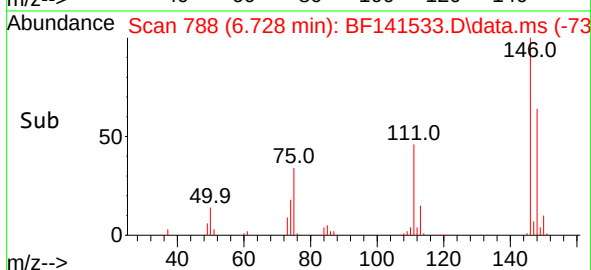
02/11/2025

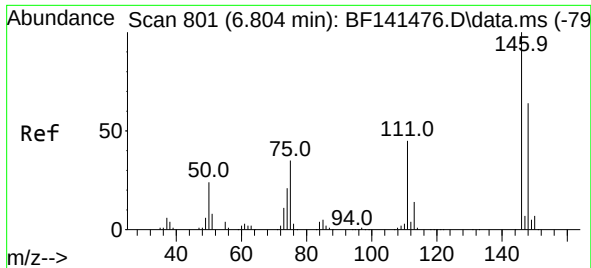


#12
1,3-Dichlorobenzene
Concen: 44.497 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion:146 Resp: 292036
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 34.3 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 44.440 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS

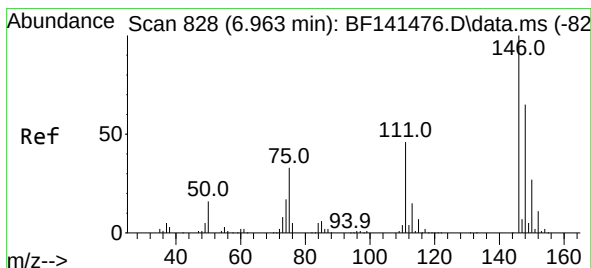
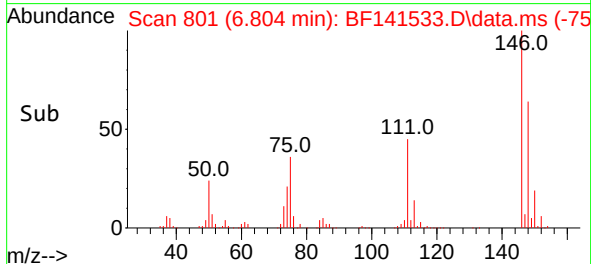
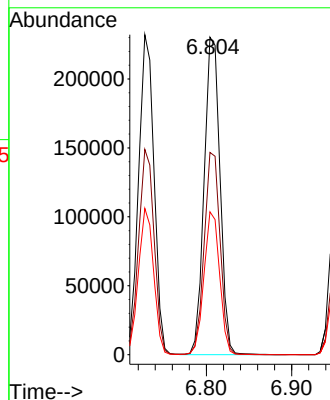
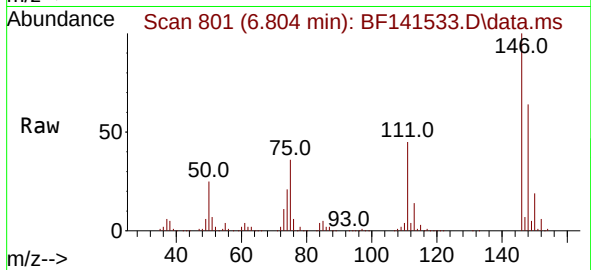
Tgt Ion:146 Resp: 297990
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 45.0 35.9 53.9

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

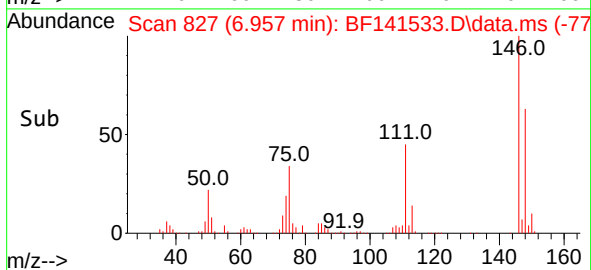
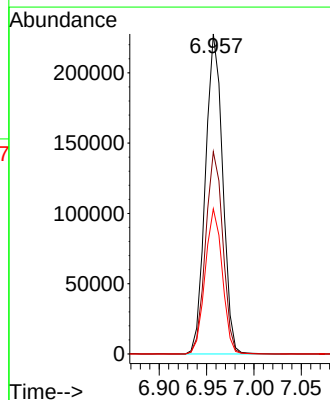
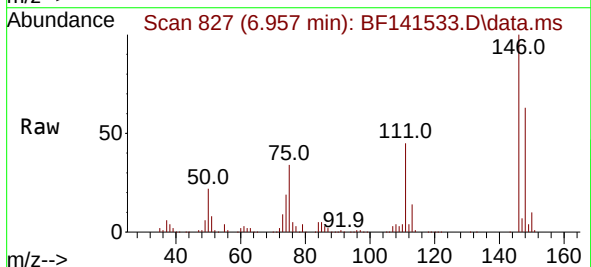
02/11/2025
Supervised By :Jagrut
Upadhyay

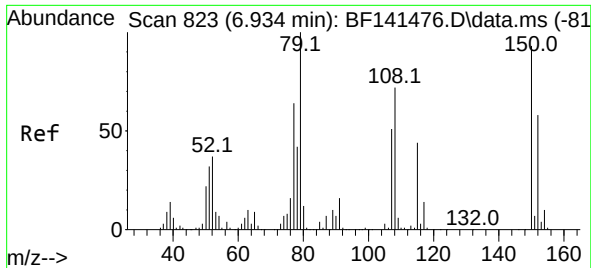
02/11/2025



#14
1,2-Dichlorobenzene
Concen: 46.098 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

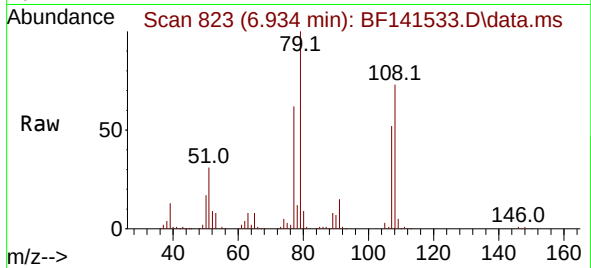
Tgt Ion:146 Resp: 286894
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 45.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 45.358 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



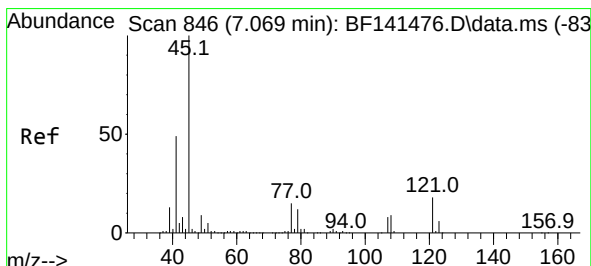
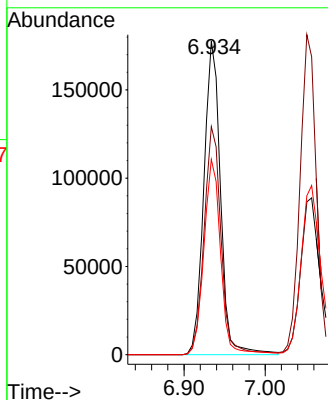
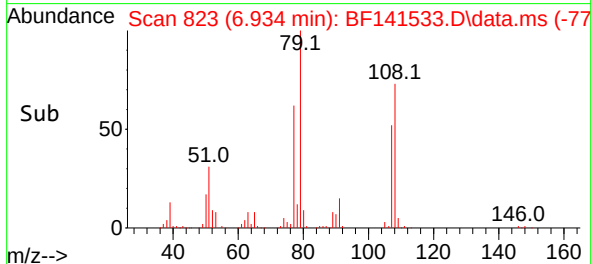
Tgt Ion: 79 Resp: 25293
Ion Ratio Lower Upper
79 100
108 72.7 57.4 86.2
77 62.2 50.9 76.3

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

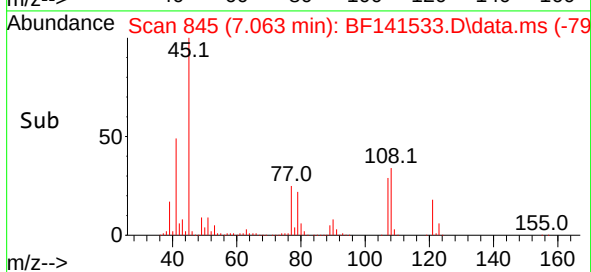
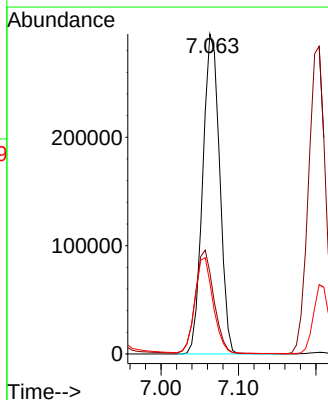
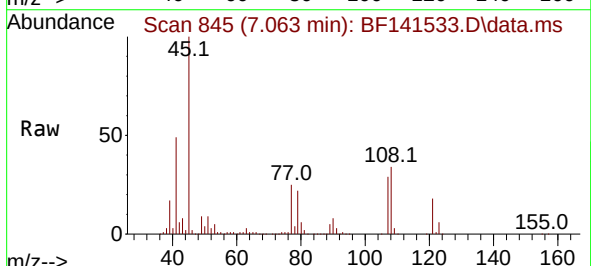
02/11/2025
Supervised By :Jagrut
Upadhyay

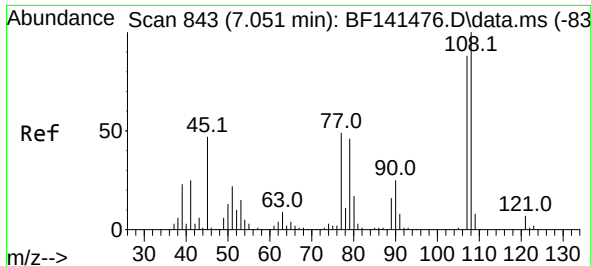
02/11/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.026 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 45 Resp: 447885
Ion Ratio Lower Upper
45 100
77 25.5 0.0 35.8
79 22.2 0.0 32.7





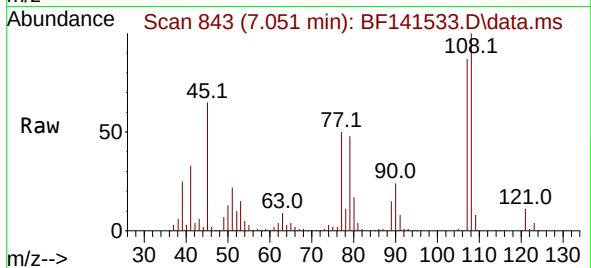
#17
2-Methylphenol
Concen: 45.512 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:107 Resp: 221410
Ion Ratio Lower Upper
107 100
108 115.1 90.6 136.0
77 57.1 44.4 66.6
79 54.9 42.3 63.5

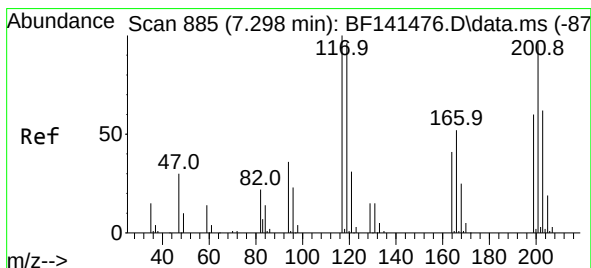
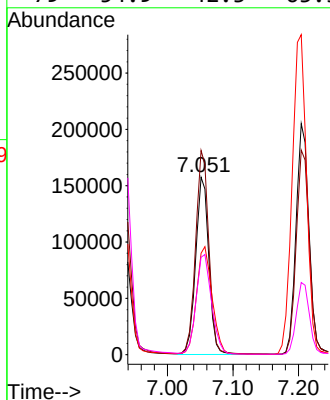
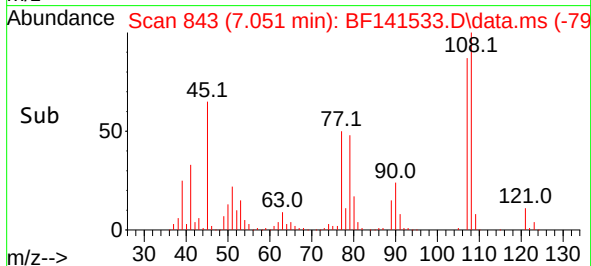
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

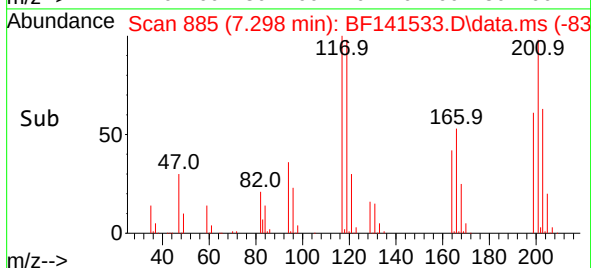
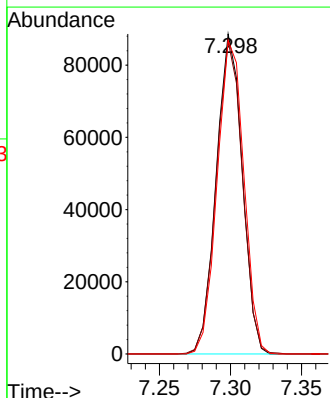
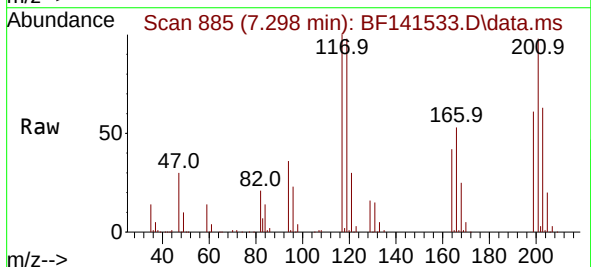
Supervised By :Jagrut
Upadhyay

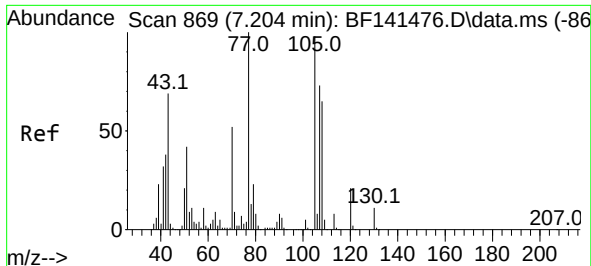
02/11/2025



#18
Hexachloroethane
Concen: 45.461 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:117 Resp: 112819
Ion Ratio Lower Upper
117 100
119 97.8 76.5 114.7
201 98.0 76.7 115.1





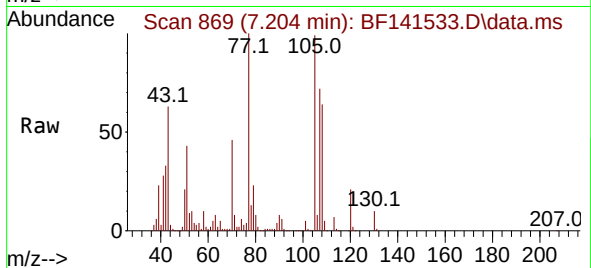
#19
n-Nitroso-di-n-propylamine
Concen: 45.257 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion: 70 Resp: 196850
Ion Ratio Lower Upper
70 100
42 72.1 57.4 86.2
101 10.0 8.0 12.0
130 21.2 16.9 25.3

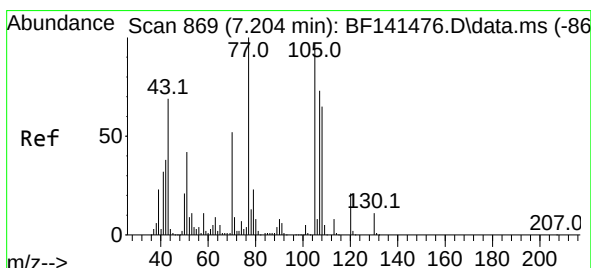
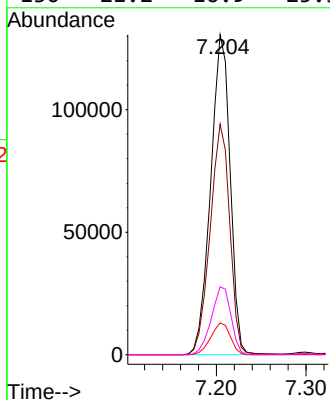
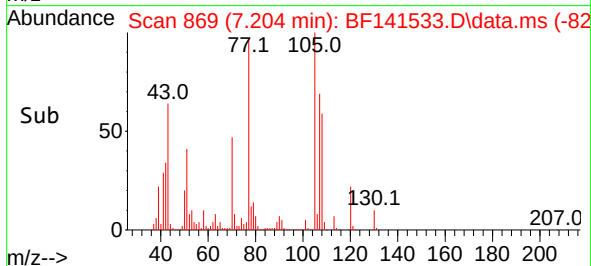
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

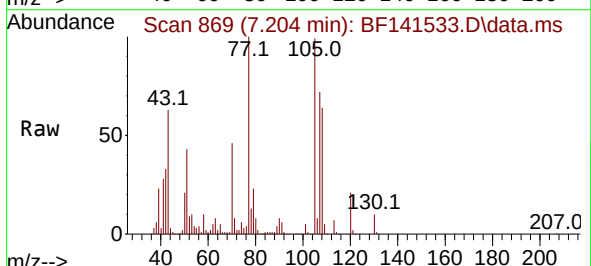
02/11/2025

Supervised By :Jagrut
Upadhyay

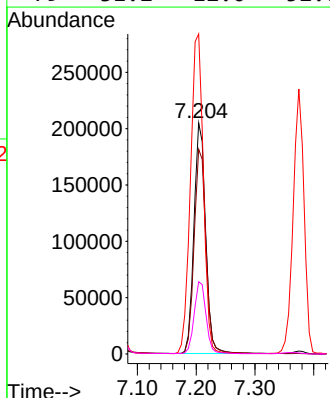
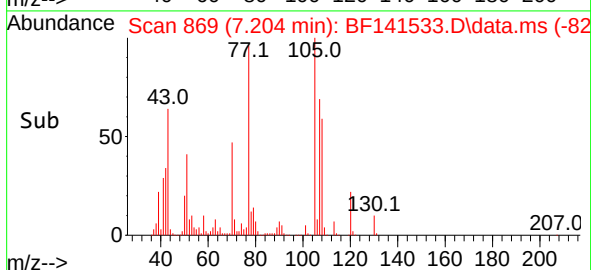
02/11/2025

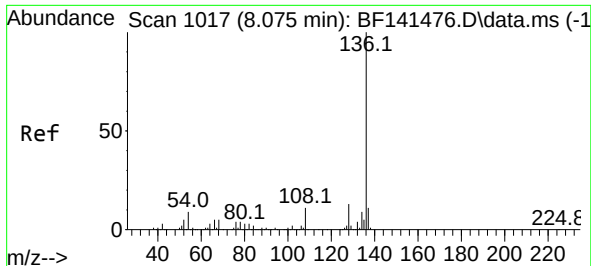


#20
3+4-Methylphenols
Concen: 45.491 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion:107 Resp: 281250
Ion Ratio Lower Upper
107 100
108 88.5 68.5 108.5
77 138.5 116.5 156.5
79 31.2 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:136 Resp: 363649
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.2 10.8
68 4.7 3.7 5.5

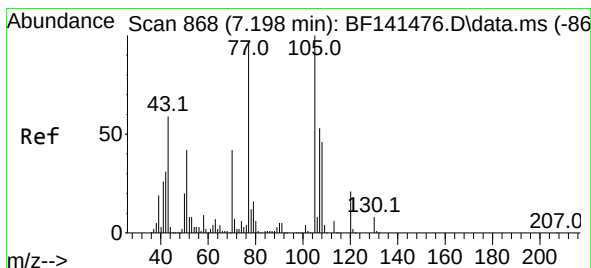
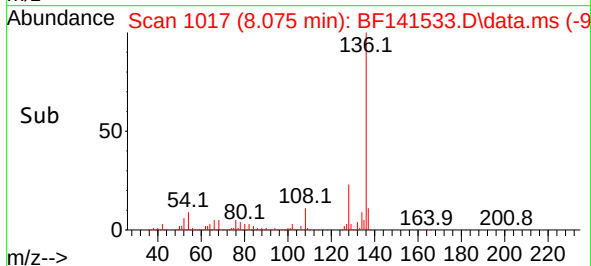
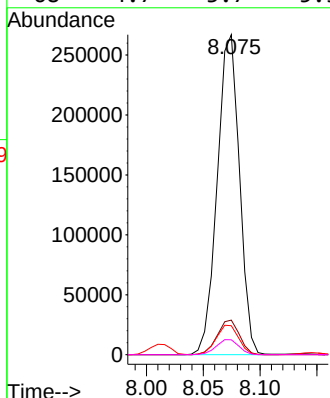
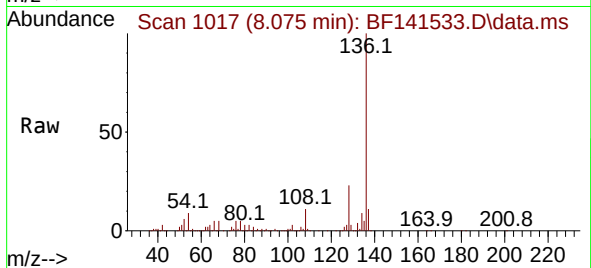
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

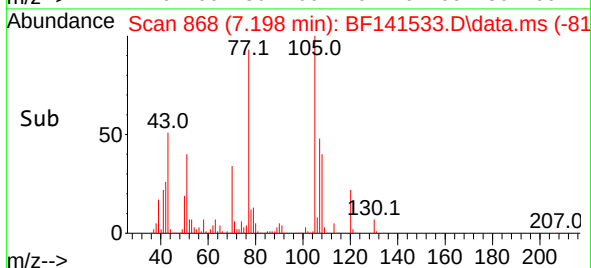
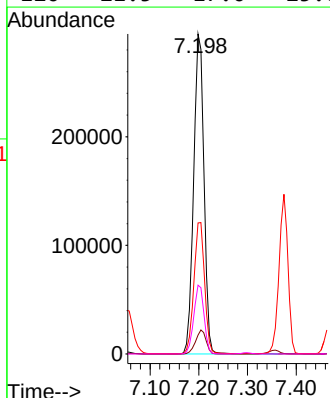
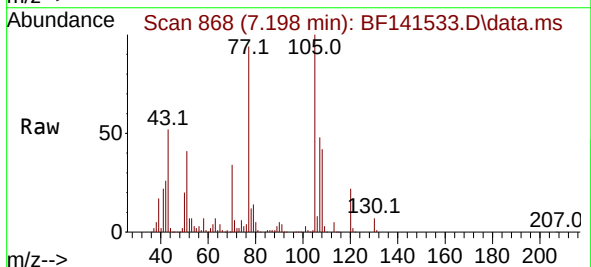
Supervised By :Jagrut
Upadhyay

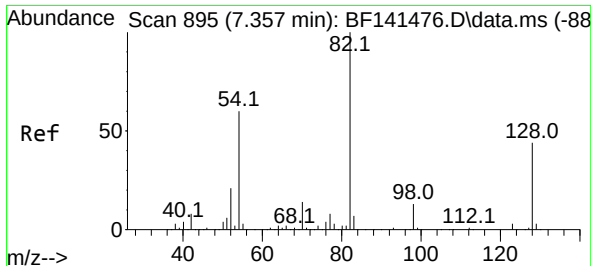
02/11/2025



#22
Acetophenone
Concen: 48.205 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:105 Resp: 436054
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 40.9 33.7 50.5
120 21.5 17.0 25.6





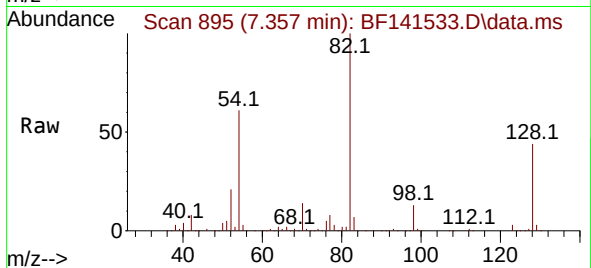
#23
Nitrobenzene-d5
Concen: 94.969 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



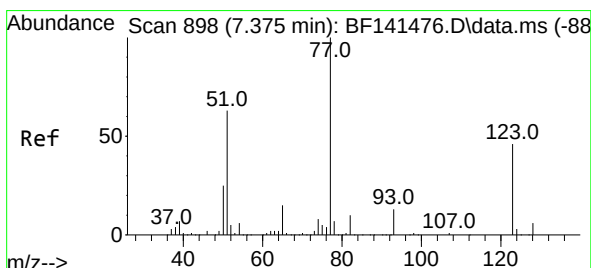
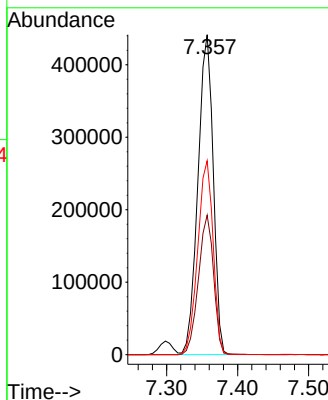
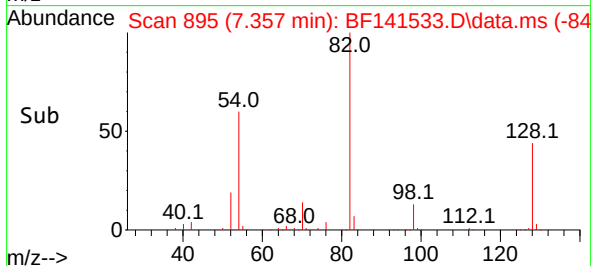
Tgt Ion: 82 Resp: 66211
Ion Ratio Lower Upper
82 100
128 43.6 34.8 52.2
54 60.6 48.2 72.4

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

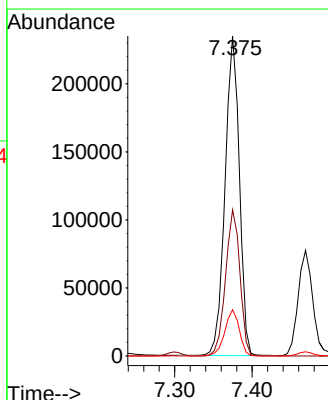
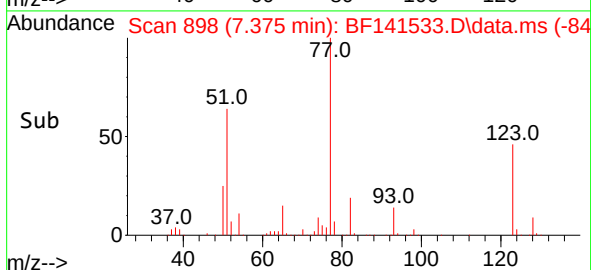
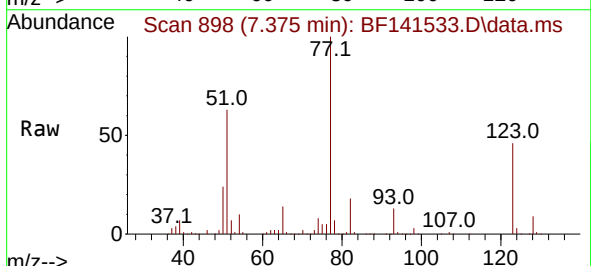
02/11/2025
Supervised By :Jagrut
Upadhyay

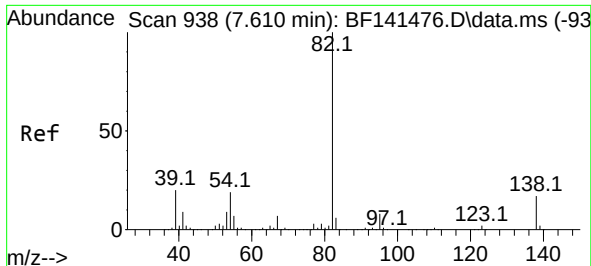
02/11/2025



#24
Nitrobenzene
Concen: 44.420 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 77 Resp: 301990
Ion Ratio Lower Upper
77 100
123 45.7 36.9 55.3
65 14.5 11.9 17.9





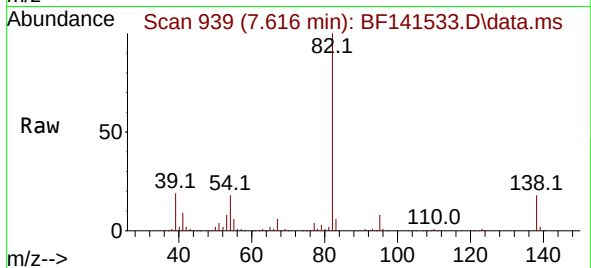
#25
Isophorone
Concen: 48.350 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion: 82 Resp: 537480
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.9 13.9 20.9

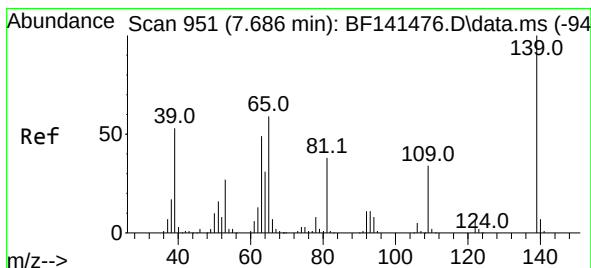
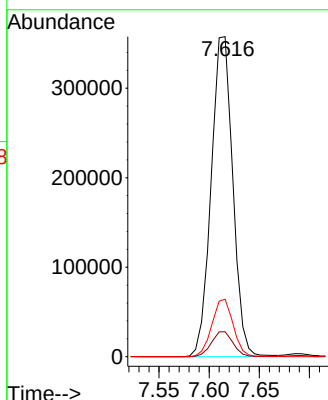
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

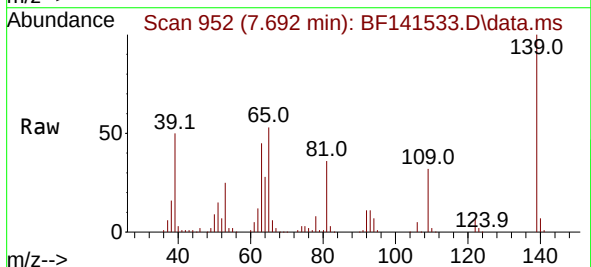
02/11/2025

Supervised By :Jagrut
Upadhyay

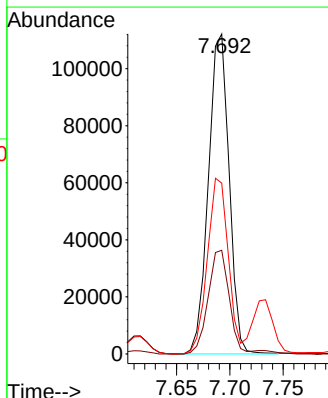
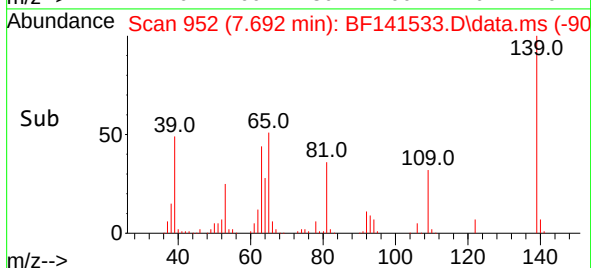
02/11/2025

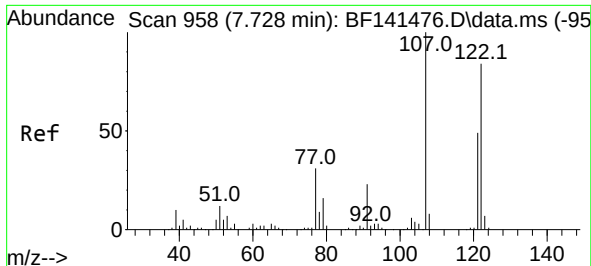


#26
2-Nitrophenol
Concen: 44.882 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion:139 Resp: 151808
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 53.4 47.1 70.7





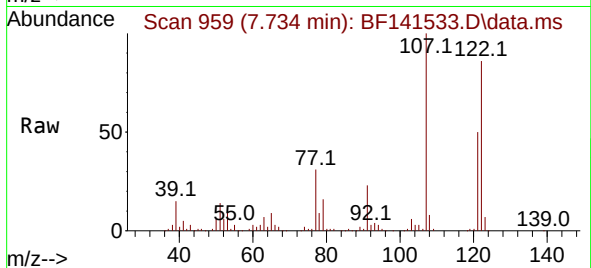
#27
2,4-Dimethylphenol
Concen: 58.395 ng
RT: 7.734 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:122 Resp: 230740
Ion Ratio Lower Upper
122 100
107 116.7 94.3 141.5
121 58.3 46.0 69.0

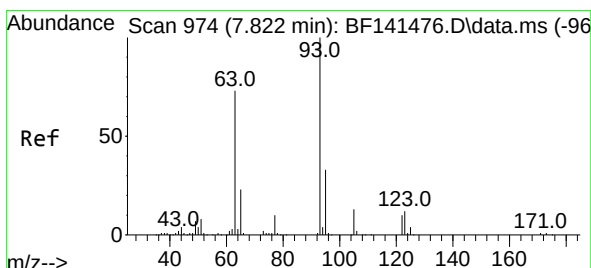
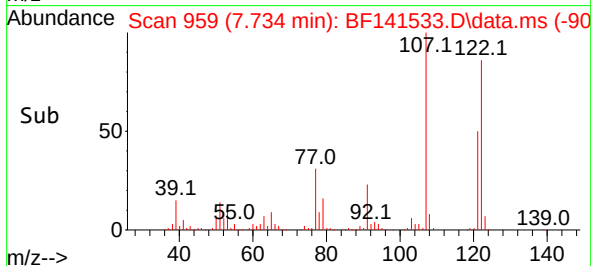
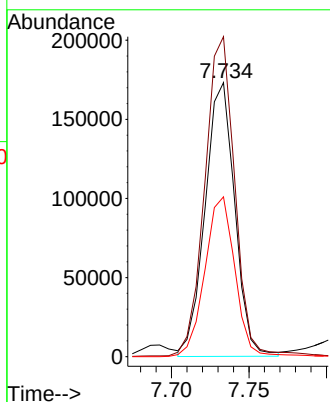
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

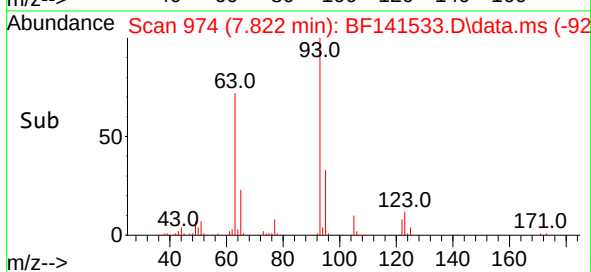
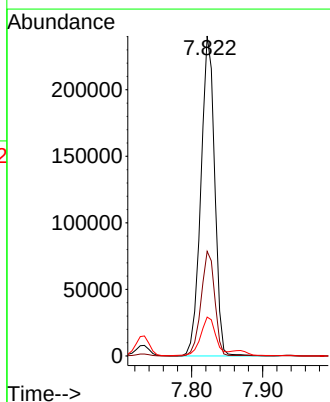
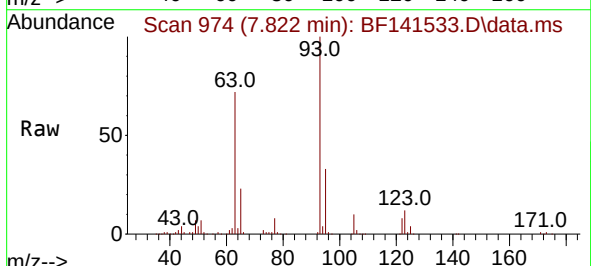
Supervised By :Jagrut
Upadhyay

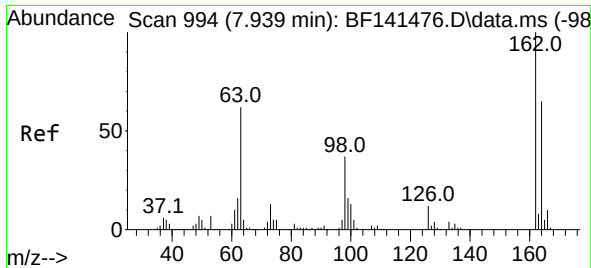
02/11/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.798 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion: 93 Resp: 326230
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.2 9.5 14.3





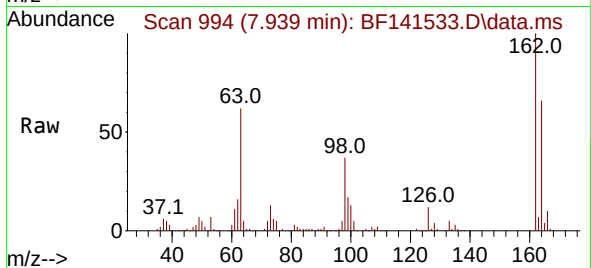
#29
2,4-Dichlorophenol
Concen: 43.969 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



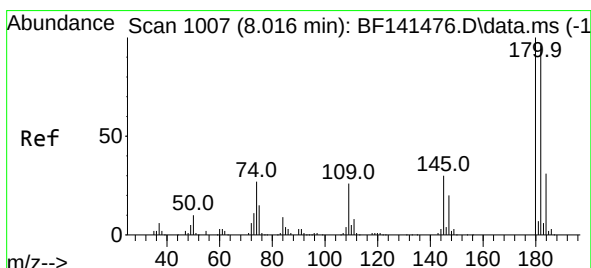
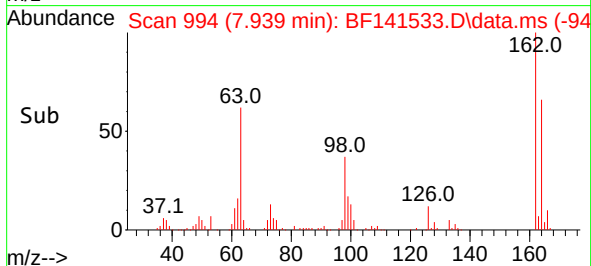
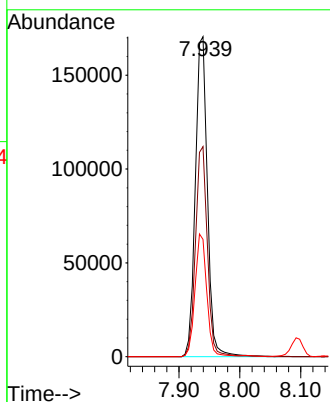
Tgt Ion:162 Resp: 234745
Ion Ratio Lower Upper
162 100
164 65.7 44.6 84.6
98 36.6 17.2 57.2

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

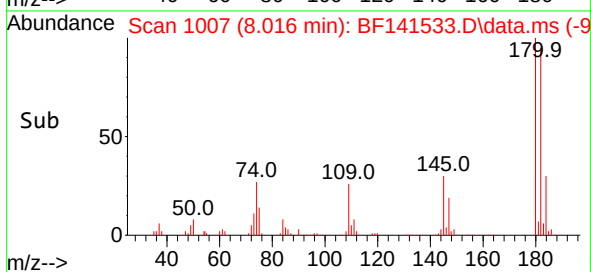
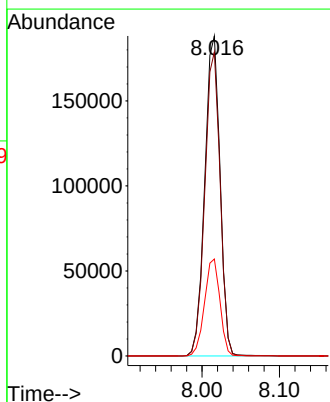
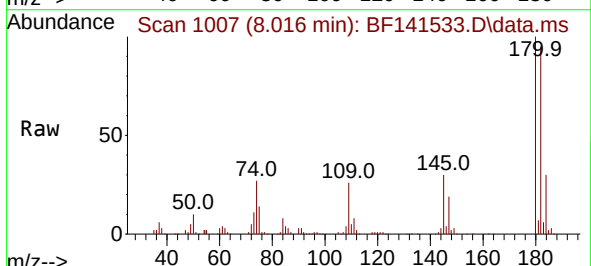
02/11/2025
Supervised By :Jagrut
Upadhyay

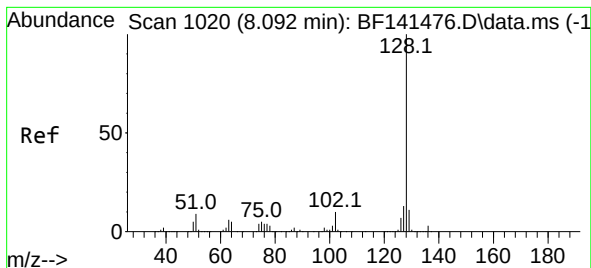
02/11/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.364 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:180 Resp: 257928
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 30.3 24.2 36.4





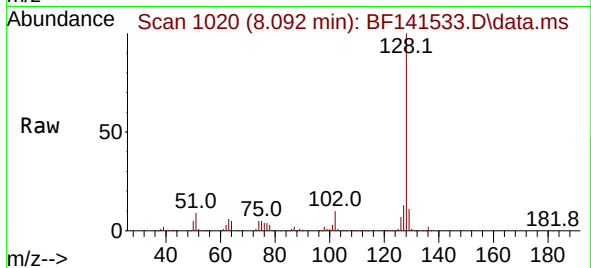
#31
Naphthalene
Concen: 43.419 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:128 Resp: 821878
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

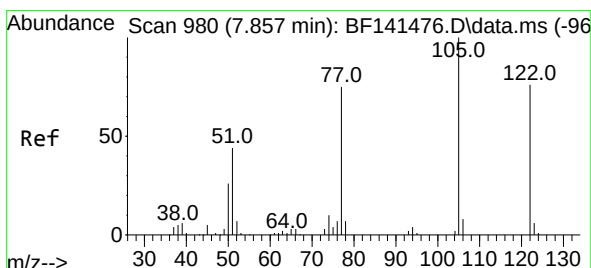
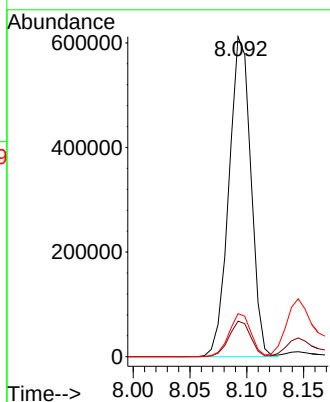
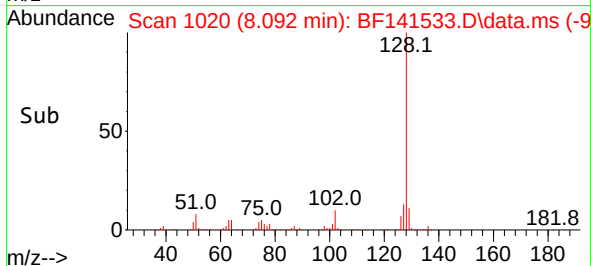
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

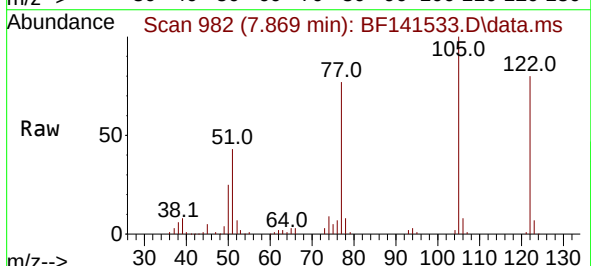
02/11/2025

Supervised By :Jagrut
Upadhyay

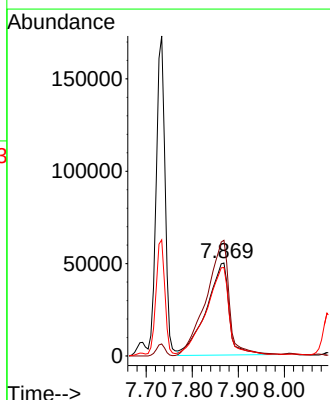
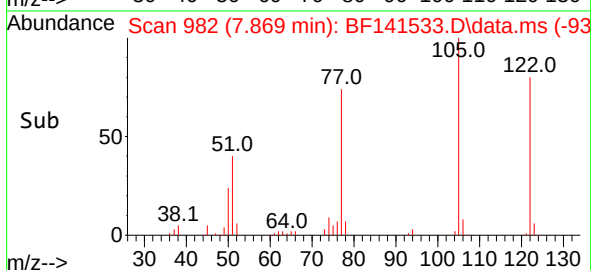
02/11/2025

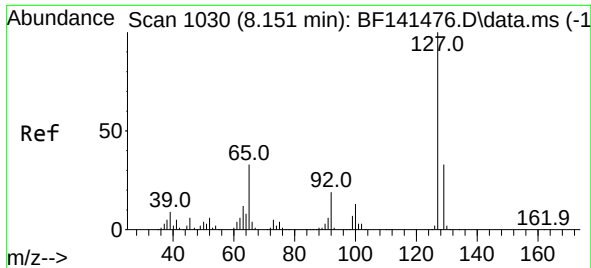


#32
Benzoic acid
Concen: 41.952 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion:122 Resp: 172184
Ion Ratio Lower Upper
122 100
105 124.3 106.5 146.5
77 95.2 76.3 116.3





#33
4-Chloroaniline
Concen: 33.060 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:127 Resp: 218480
Ion Ratio Lower Upper
127 100
129 32.4 26.5 39.7
65 32.0 26.4 39.6
92 19.4 15.3 22.9

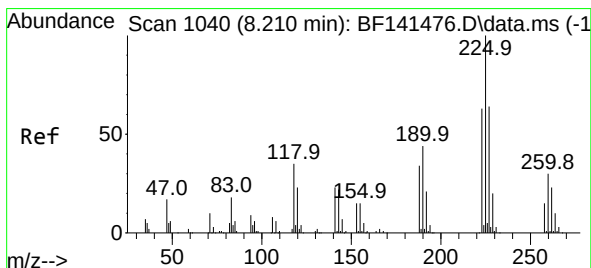
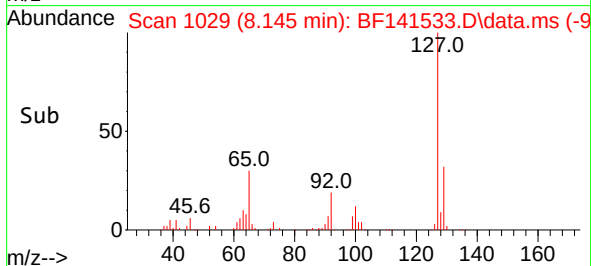
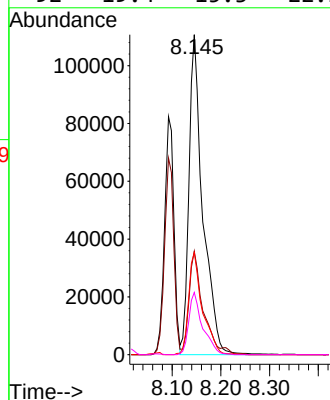
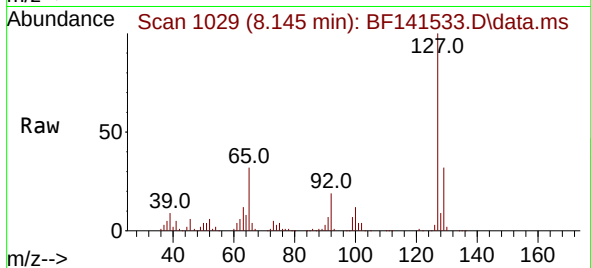
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

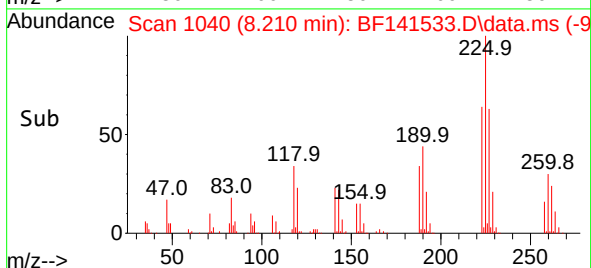
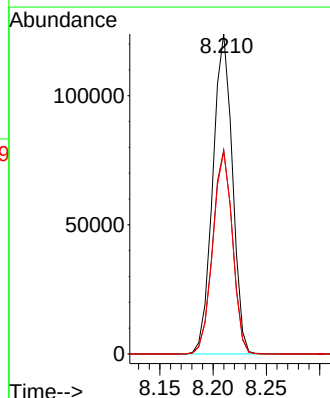
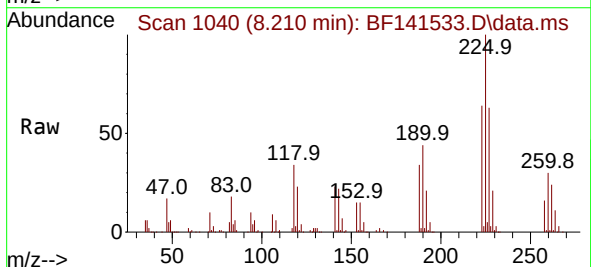
Supervised By :Jagrut
Upadhyay

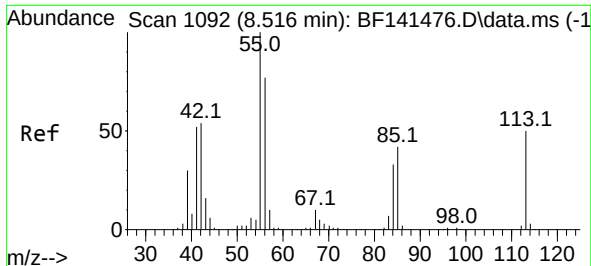
02/11/2025



#34
Hexachlorobutadiene
Concen: 45.398 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:225 Resp: 158452
Ion Ratio Lower Upper
225 100
223 63.8 50.1 75.1
227 63.2 51.0 76.6





#35
Caprolactam
Concen: 50.659 ng m
RT: 8.522 min Scan# 1093
Delta R.T. -0.023 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:113 Resp: 8234
Ion Ratio Lower Upper
113 100
55 195.5 180.8 220.8
56 151.3 133.6 173.6

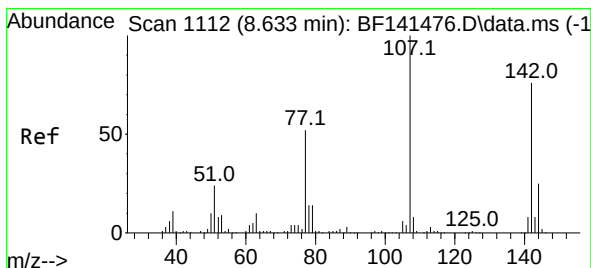
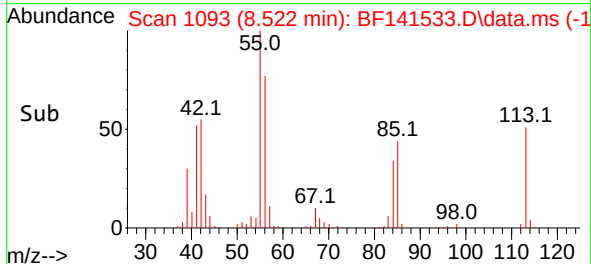
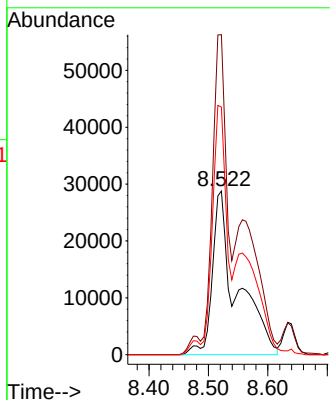
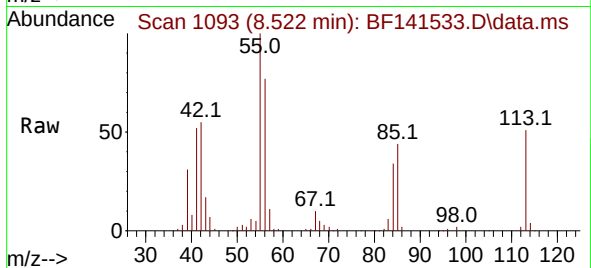
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

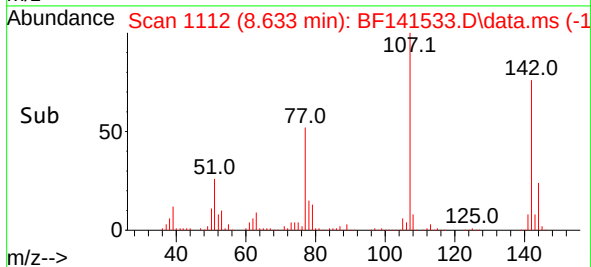
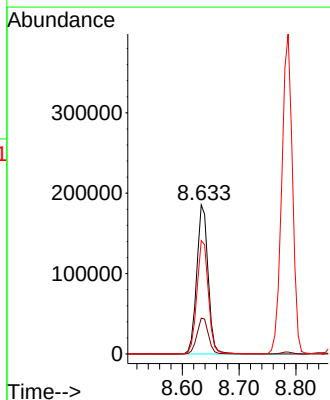
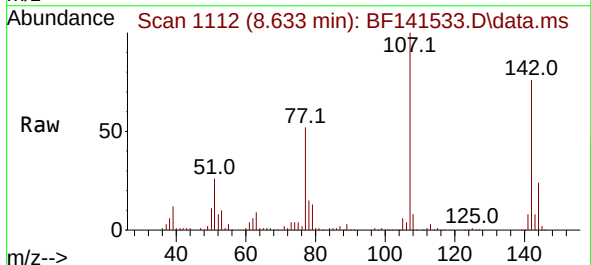
Supervised By :Jagrut
Upadhyay

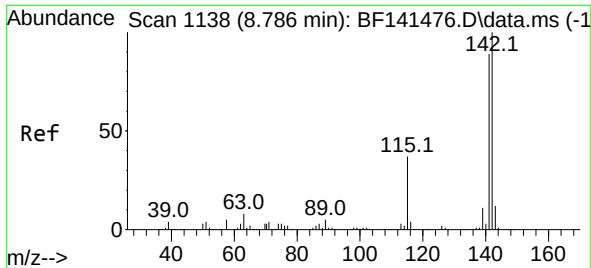
02/11/2025



#36
4-Chloro-3-methylphenol
Concen: 43.886 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

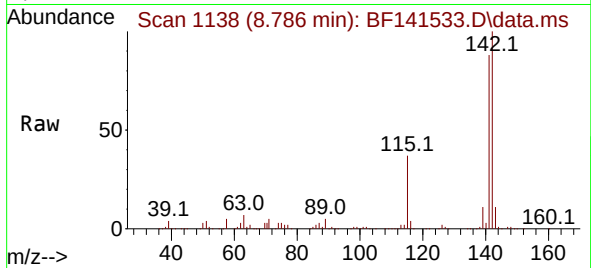
Tgt Ion:107 Resp: 259537
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 76.0 60.8 91.2





#37
2-Methylnaphthalene
Concen: 42.427 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



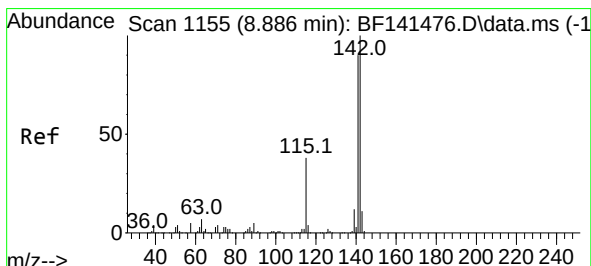
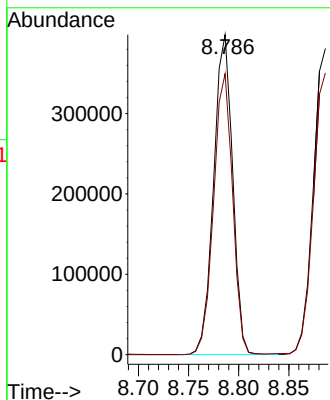
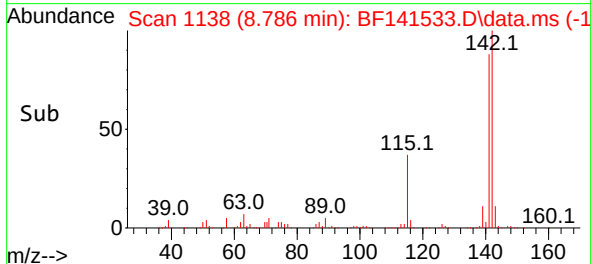
Tgt Ion:142 Resp: 522602
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

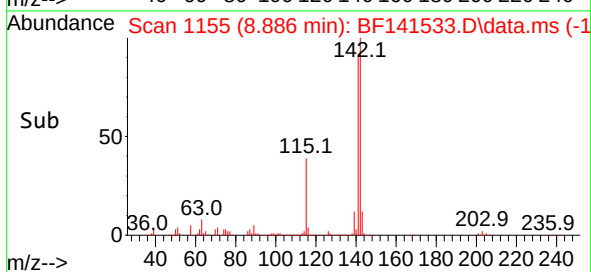
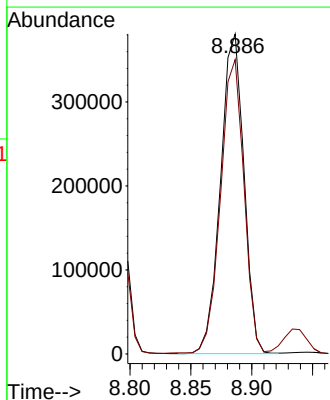
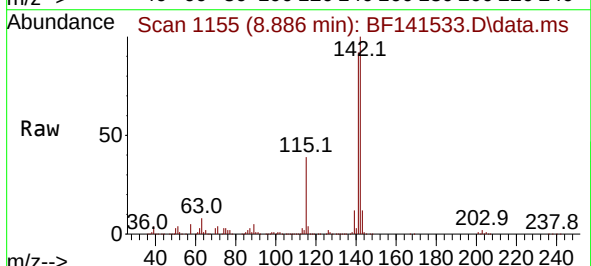
02/11/2025
Supervised By :Jagrut
Upadhyay

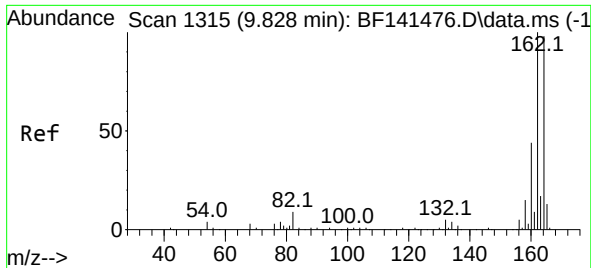
02/11/2025



#38
1-Methylnaphthalene
Concen: 42.606 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:142 Resp: 508295
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





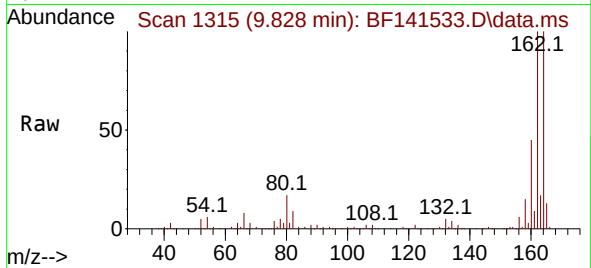
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:164 Resp: 200498
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 45.5 35.9 53.9

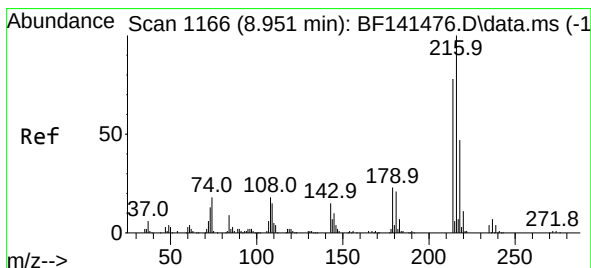
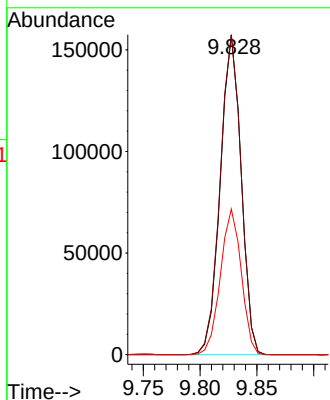
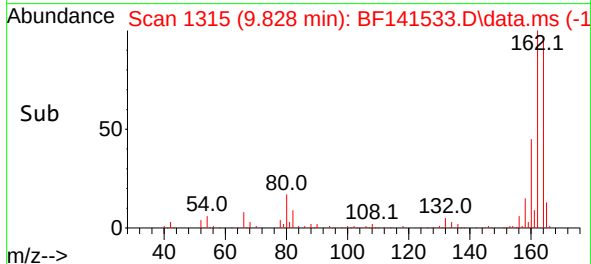
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

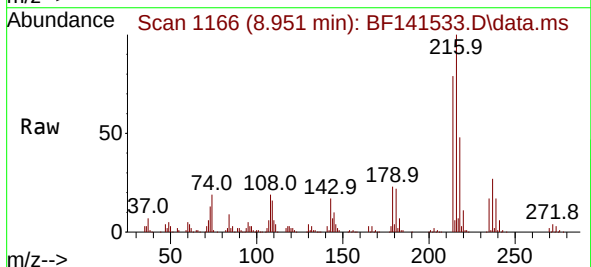
02/11/2025

Supervised By :Jagrut
Upadhyay

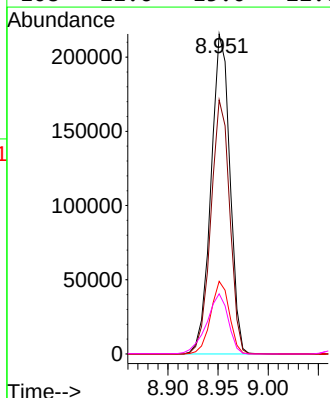
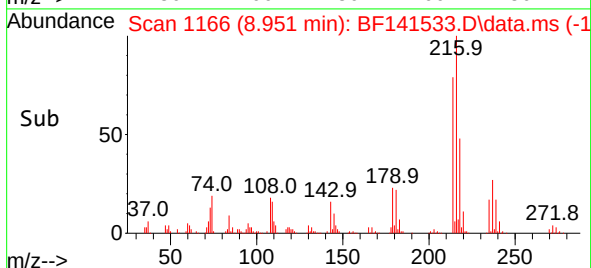
02/11/2025

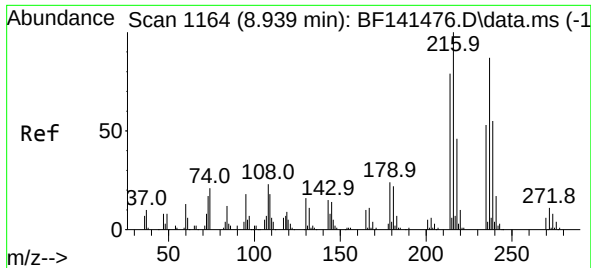


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.698 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



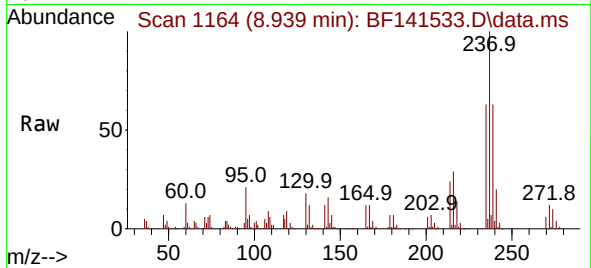
Tgt Ion:216 Resp: 282482
Ion Ratio Lower Upper
216 100
214 79.2 62.3 93.5
179 22.4 18.0 27.0
108 21.6 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 164.405 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



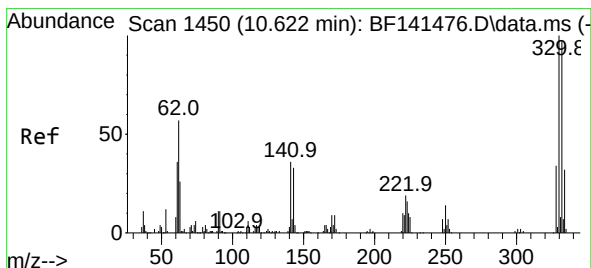
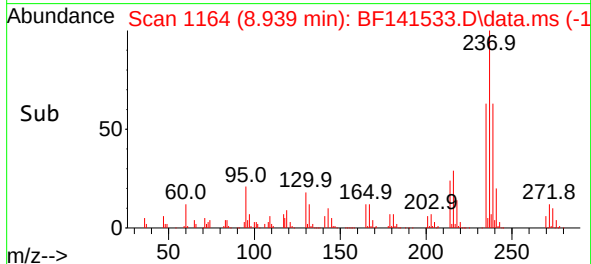
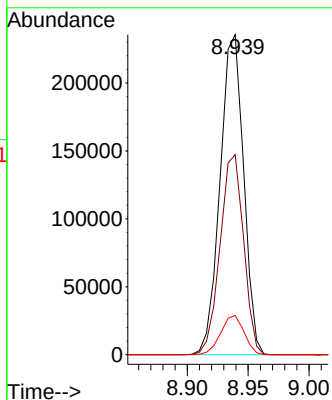
Tgt Ion:237 Resp: 31719
Ion Ratio Lower Upper
237 100
235 62.6 41.4 81.4
272 12.3 0.0 32.4

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

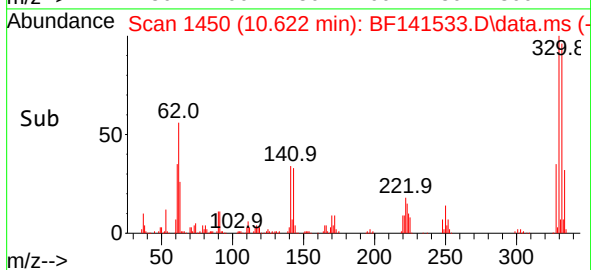
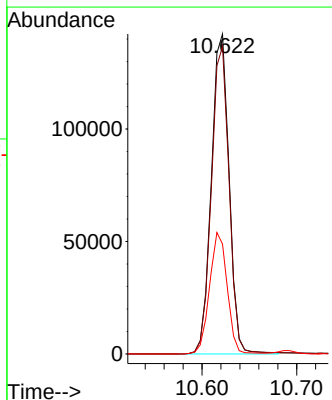
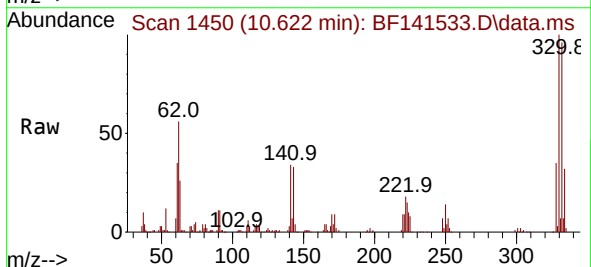
02/11/2025
Supervised By :Jagrut
Upadhyay

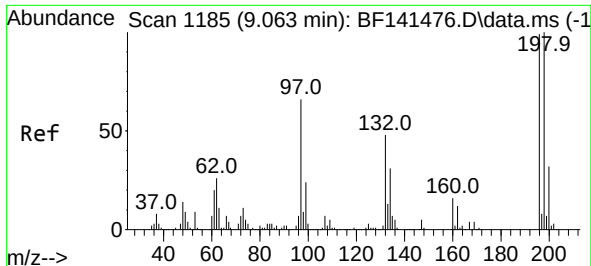
02/11/2025



#42
2,4,6-Tribromophenol
Concen: 91.915 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

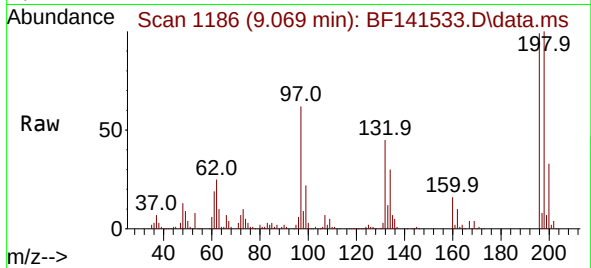
Tgt Ion:330 Resp: 185126
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 37.8 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.429 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



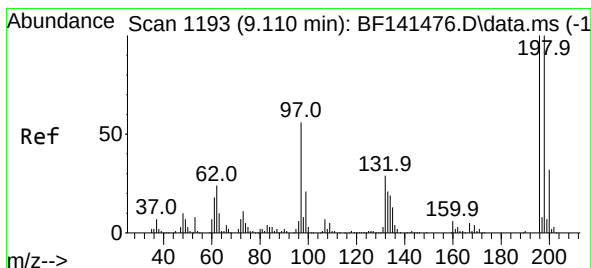
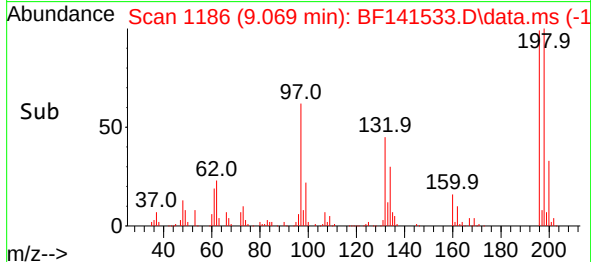
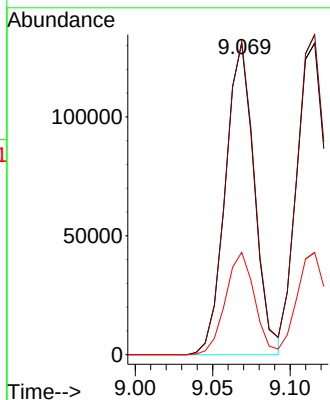
Tgt Ion:196 Resp: 17031
Ion Ratio Lower Upper
196 100
198 100.6 80.6 121.0
200 32.9 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

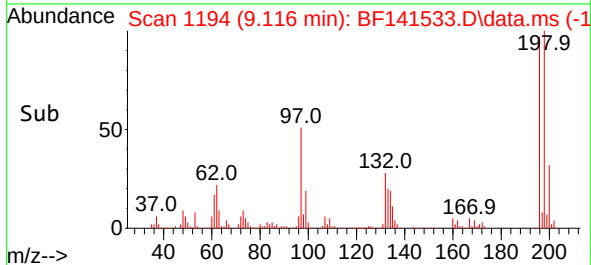
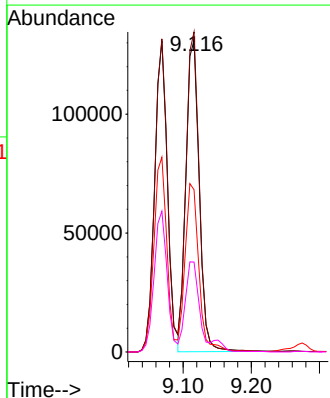
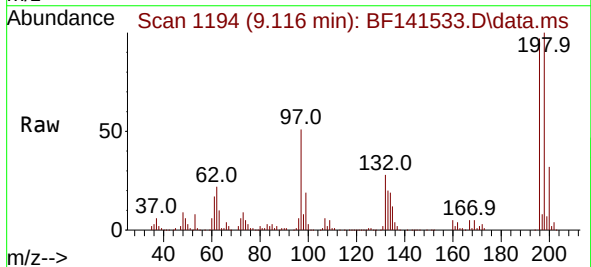
02/11/2025
Supervised By :Jagrut
Upadhyay

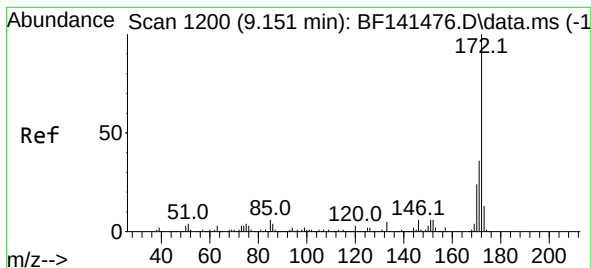
02/11/2025



#44
2,4,5-Trichlorophenol
Concen: 43.529 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

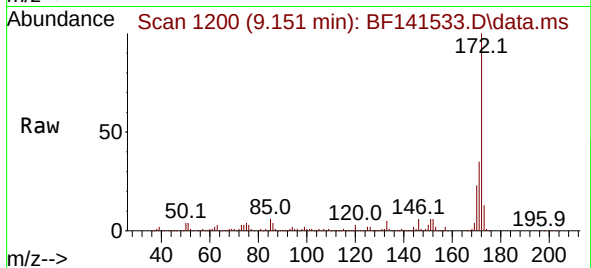
Tgt Ion:196 Resp: 176861
Ion Ratio Lower Upper
196 100
198 102.7 79.8 119.8
97 52.1 44.8 67.2
132 28.8 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 96.306 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



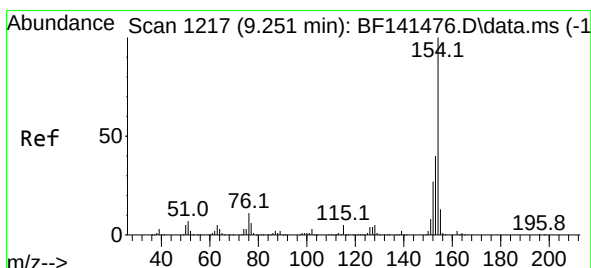
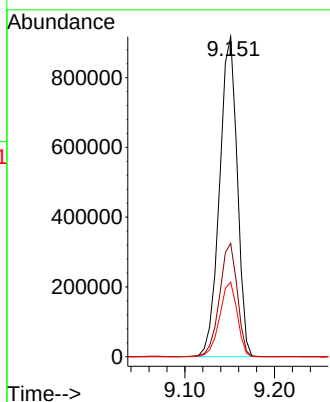
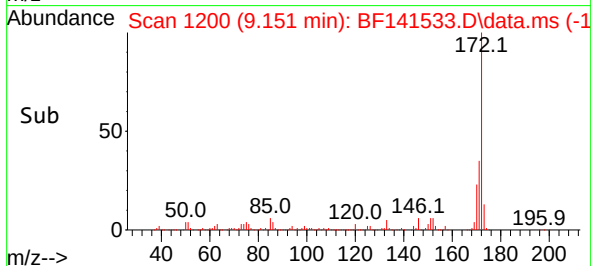
Tgt Ion:172 Resp: 125331
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

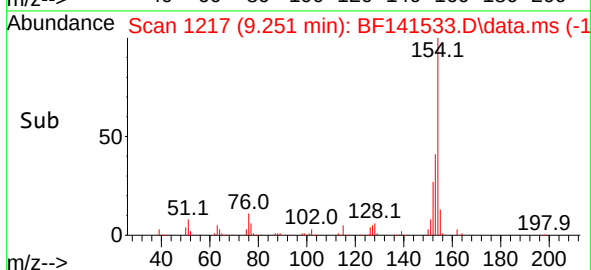
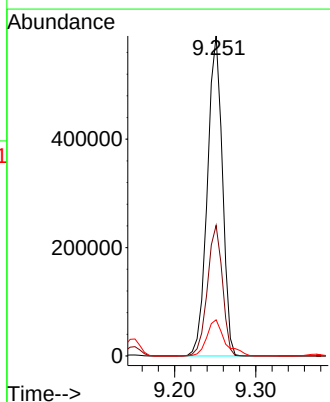
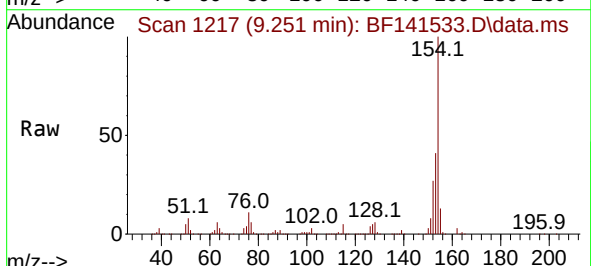
02/11/2025
Supervised By :Jagrut
Upadhyay

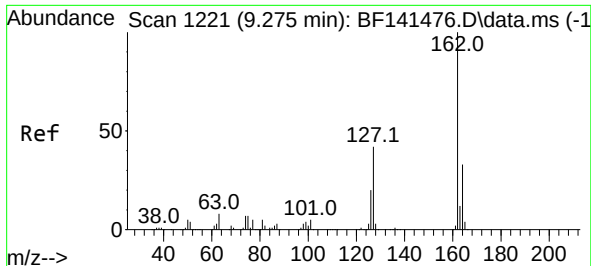
02/11/2025



#46
1,1'-Biphenyl
Concen: 48.621 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:154 Resp: 755777
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.620 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:162 Resp: 51288
 Ion Ratio Lower Upper
 162 100
 127 43.0 34.1 51.1
 164 33.0 26.3 39.5

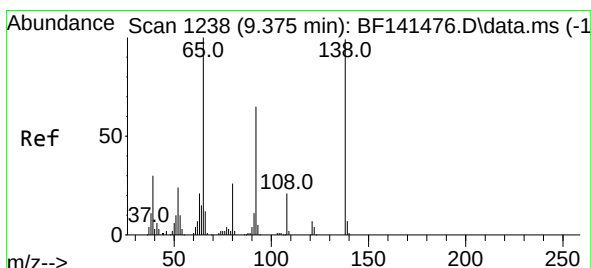
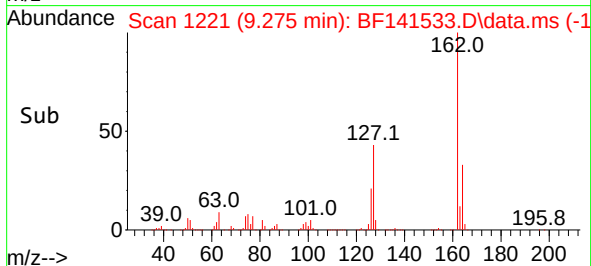
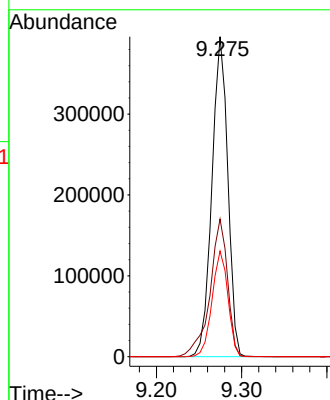
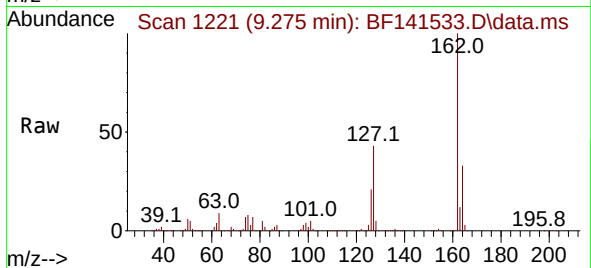
Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

02/11/2025

Supervised By :Jagrut
 Upadhyay

02/11/2025



#48

2-Nitroaniline

Concen: 44.542 ng

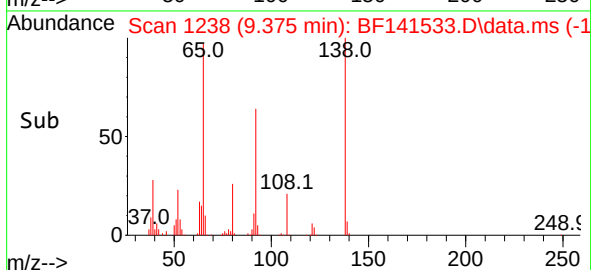
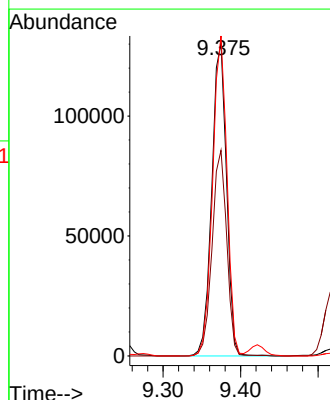
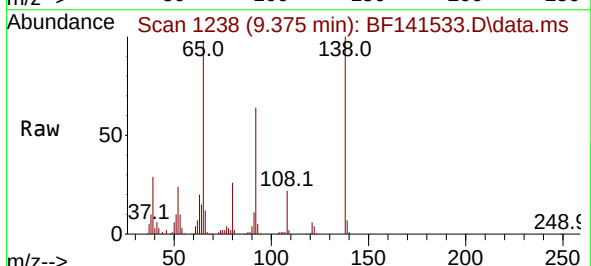
RT: 9.375 min Scan# 1238

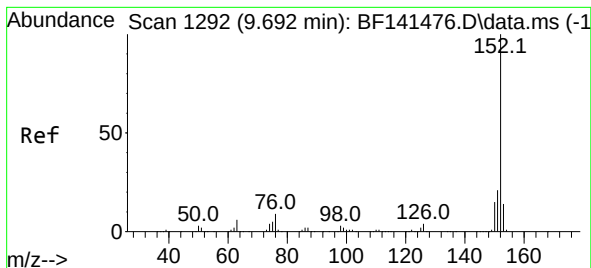
Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion: 65 Resp: 171825
 Ion Ratio Lower Upper
 65 100
 92 65.7 52.2 78.2
 138 102.3 79.5 119.3





#49

Acenaphthylene

Concen: 46.422 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141533.D

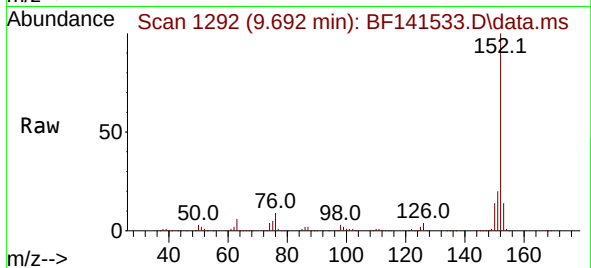
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:152 Resp: 79367

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.7	10.9	16.3

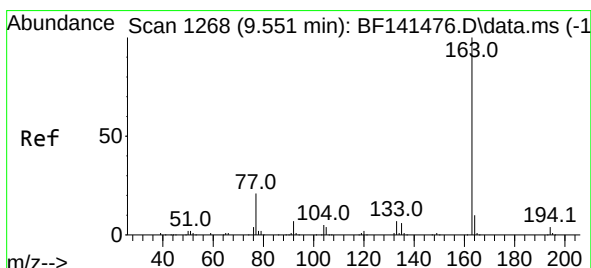
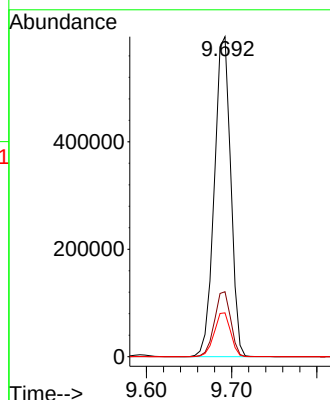
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

Supervised By :Jagrut
Upadhyay

02/11/2025



#50

Dimethylphthalate

Concen: 44.762 ng

RT: 9.551 min Scan# 1268

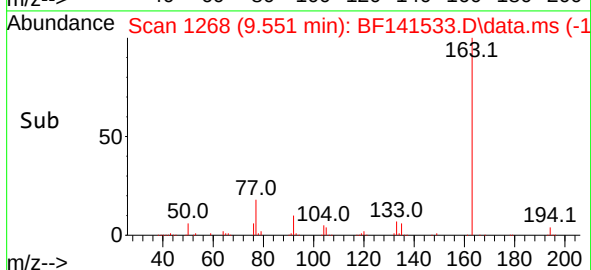
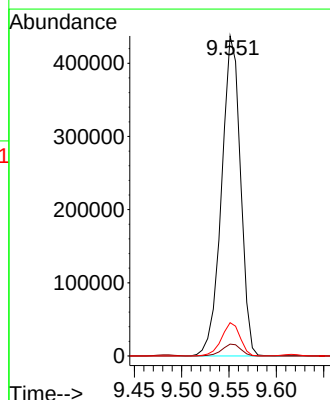
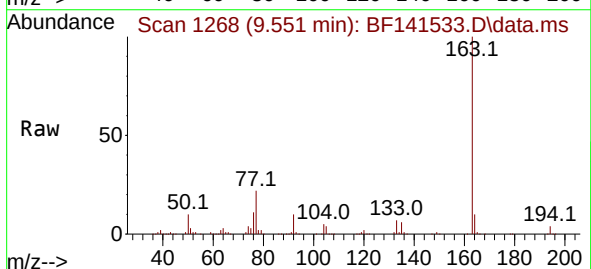
Delta R.T. -0.012 min

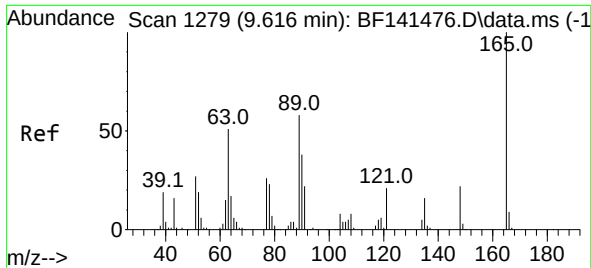
Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion:163 Resp: 609272

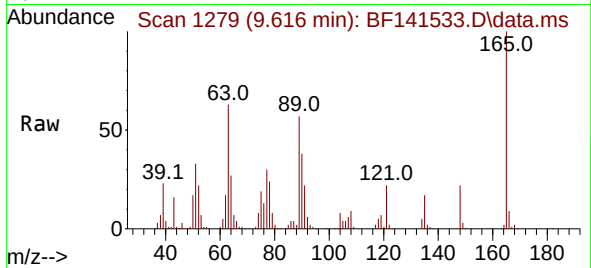
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.4	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 45.199 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



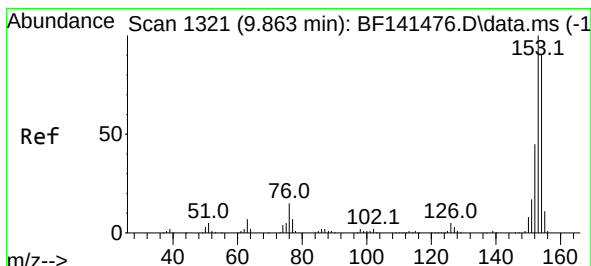
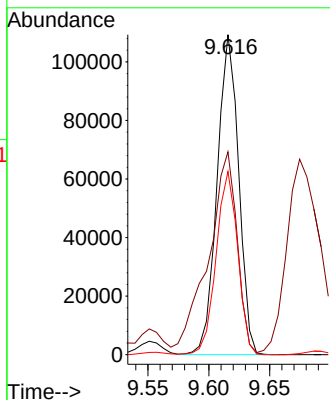
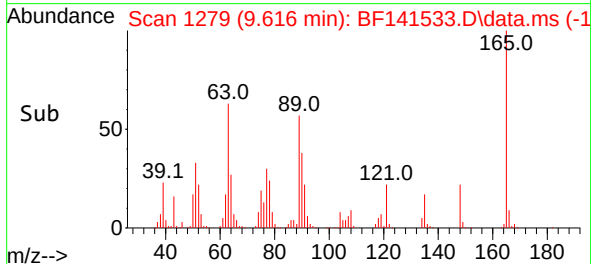
Tgt Ion:165 Resp: 134492
Ion Ratio Lower Upper
165 100
63 63.4 49.4 74.0
89 57.2 46.5 69.7

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

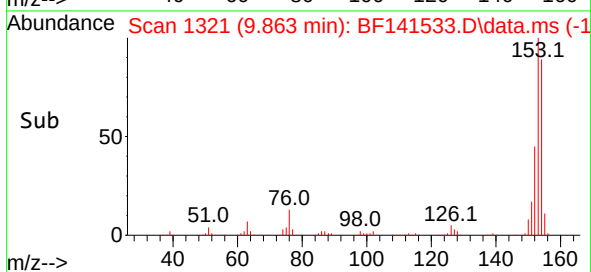
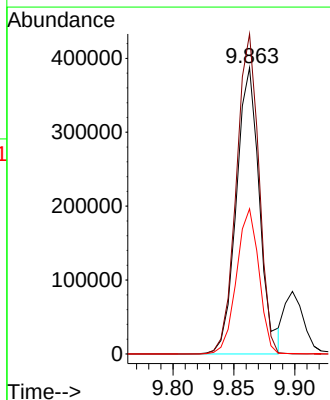
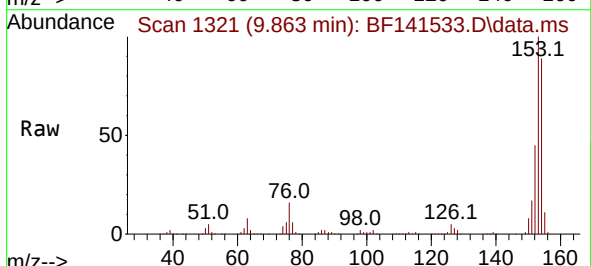
02/11/2025
Supervised By :Jagrut
Upadhyay

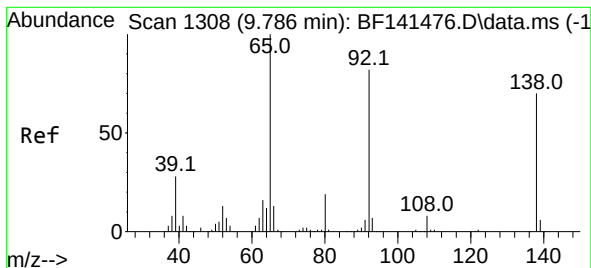
02/11/2025



#52
Acenaphthene
Concen: 44.554 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:154 Resp: 512099
Ion Ratio Lower Upper
154 100
153 111.8 89.2 133.8
152 50.7 39.8 59.8





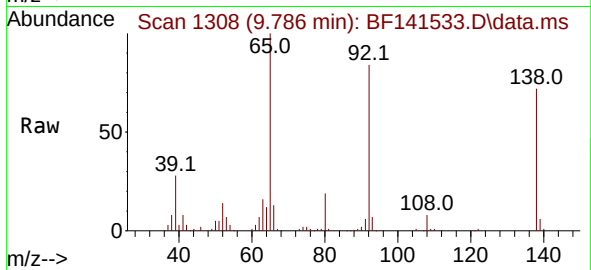
#53
3-Nitroaniline
Concen: 27.471 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:138 Resp: 87970
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 116.6 93.7 140.5

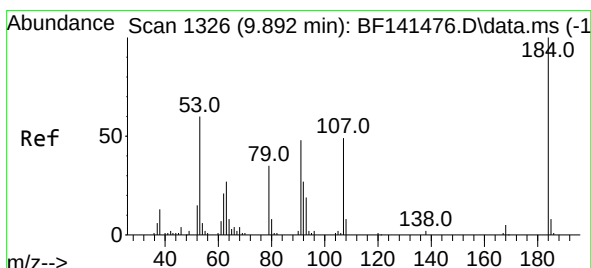
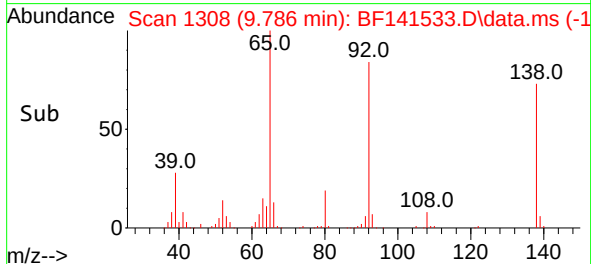
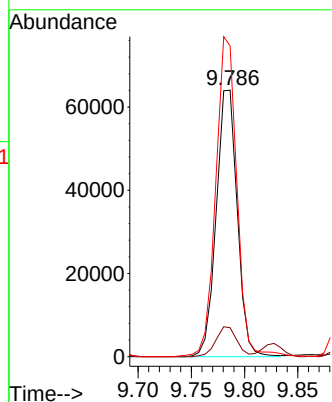
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

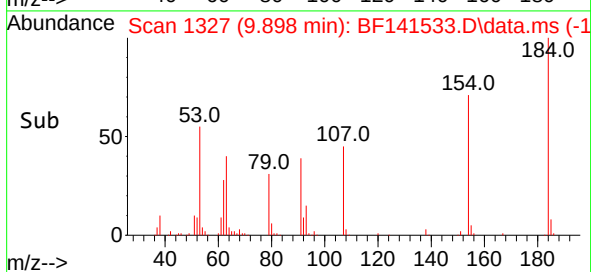
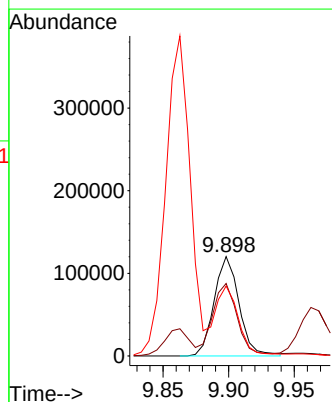
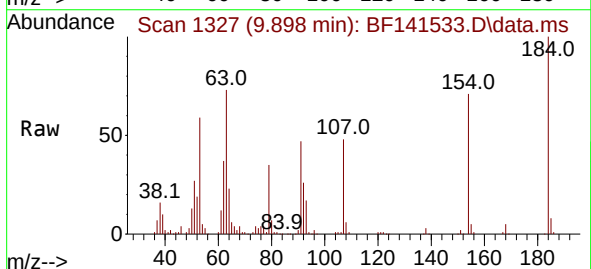
Supervised By :Jagrut
Upadhyay

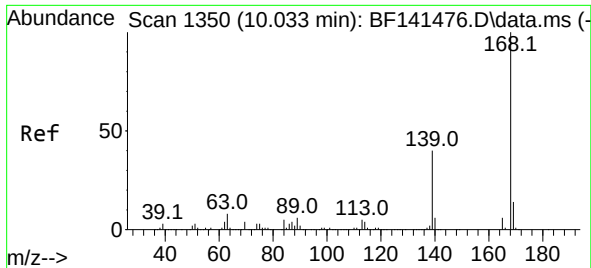
02/11/2025



#54
2,4-Dinitrophenol
Concen: 89.959 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

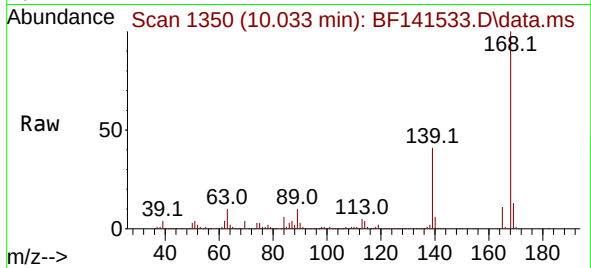
Tgt Ion:184 Resp: 159087
Ion Ratio Lower Upper
184 100
63 73.0 61.0 91.6
154 70.5 59.9 89.9





#55
Dibenzenofuran
Concen: 43.052 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



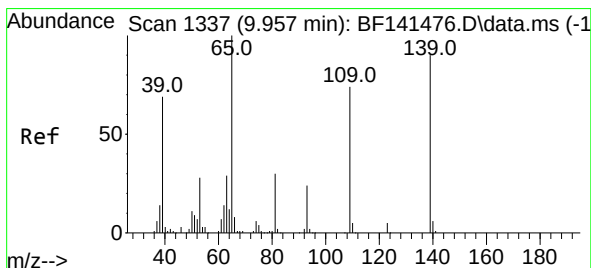
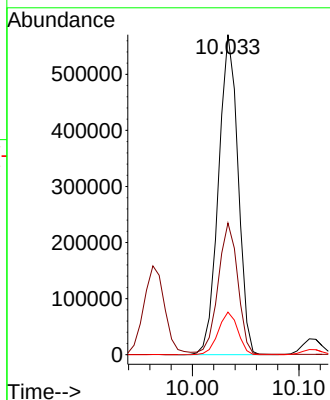
Tgt Ion:168 Resp: 726329
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.3 10.8 16.2

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

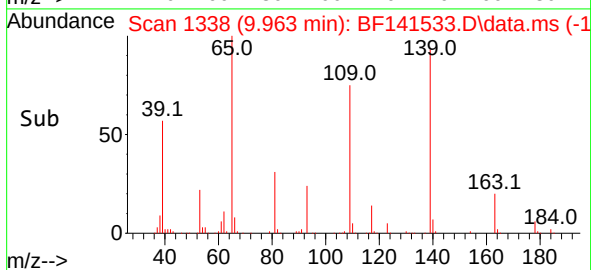
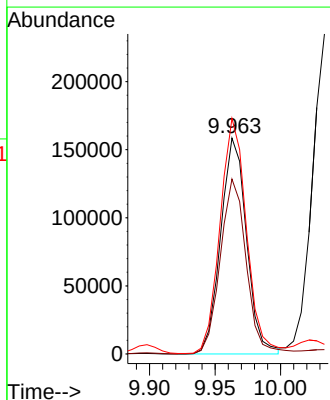
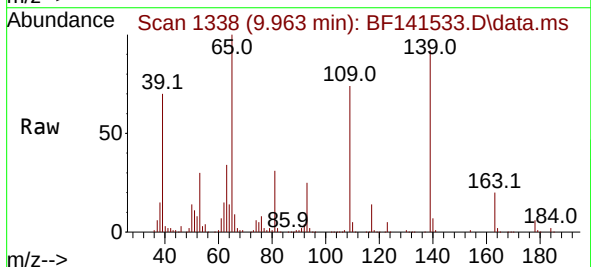
02/11/2025
Supervised By :Jagrut
Upadhyay

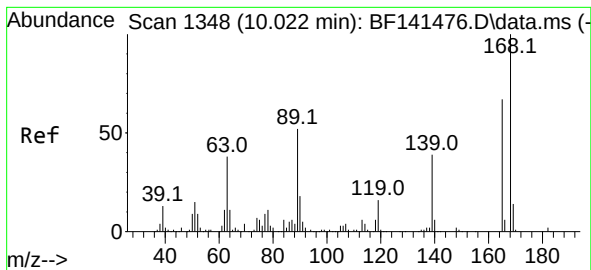
02/11/2025



#56
4-Nitrophenol
Concen: 91.546 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:139 Resp: 217637
Ion Ratio Lower Upper
139 100
109 81.1 62.0 102.0
65 109.1 91.2 131.2





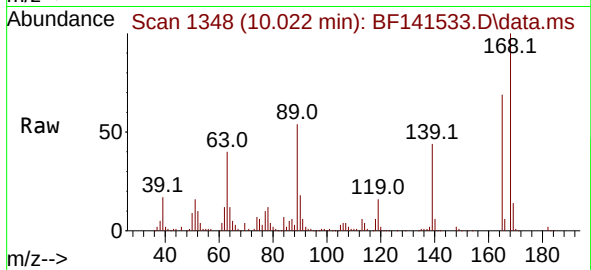
#57
2,4-Dinitrotoluene
Concen: 46.578 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:165 Resp: 18450
Ion Ratio Lower Upper
165 100
63 58.4 46.4 69.6
89 78.2 61.8 92.6
182 2.8 2.2 3.2

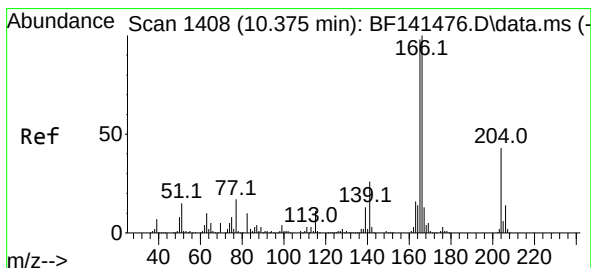
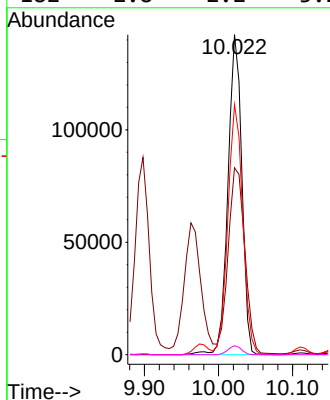
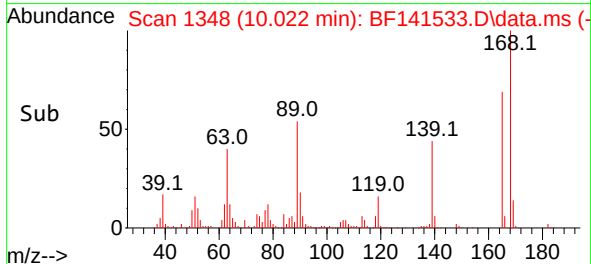
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

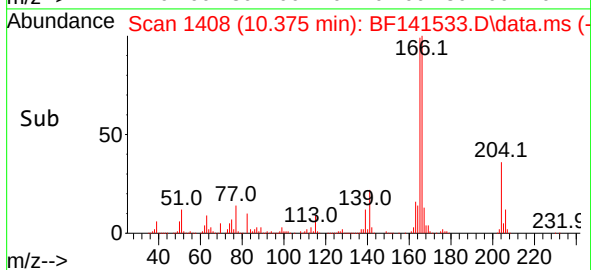
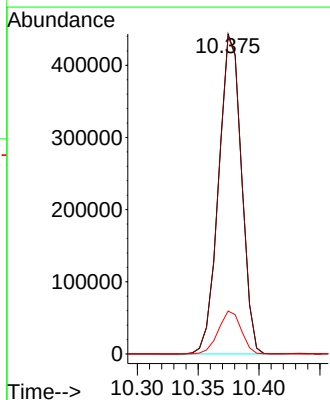
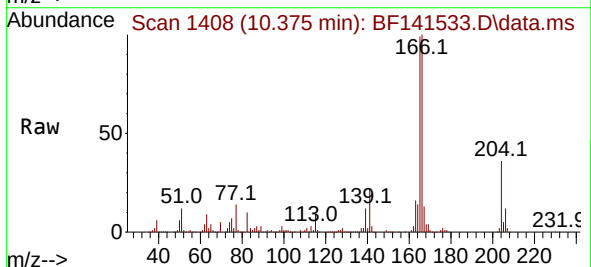
Supervised By :Jagrut
Upadhyay

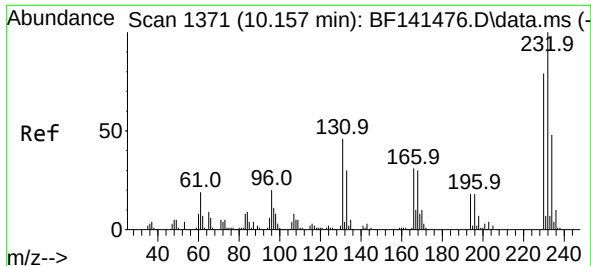
02/11/2025



#58
Fluorene
Concen: 44.348 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

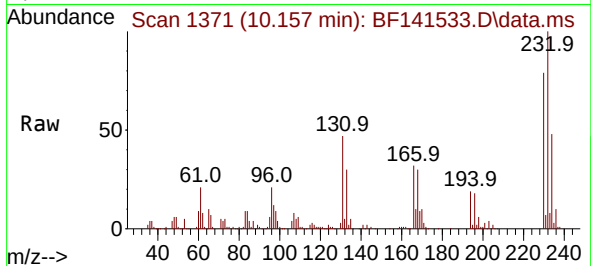
Tgt Ion:166 Resp: 578509
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.880 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



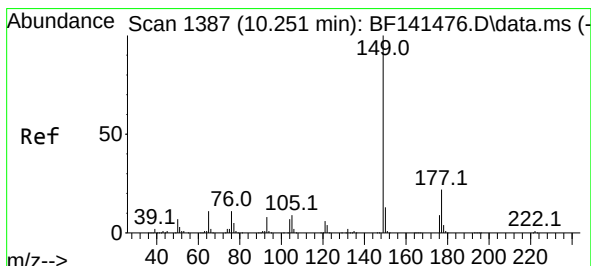
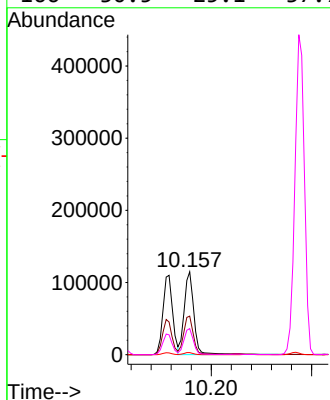
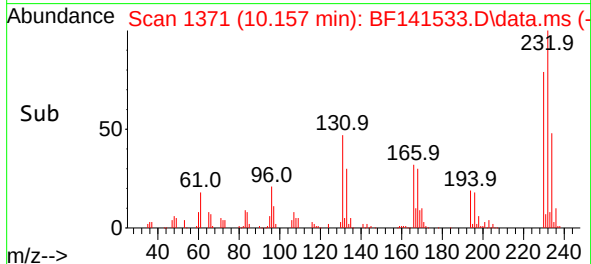
Tgt Ion:232 Resp: 153491
Ion Ratio Lower Upper
232 100
131 46.7 39.2 58.8
130 2.5 2.1 3.1
166 30.5 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

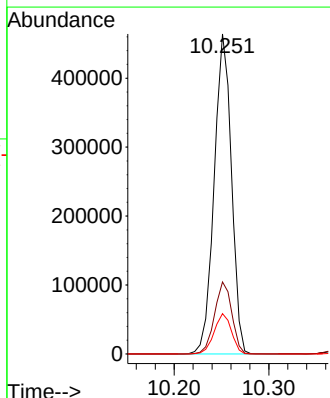
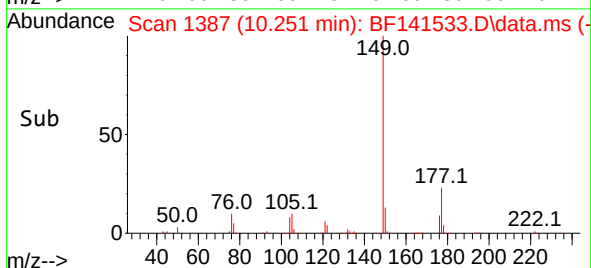
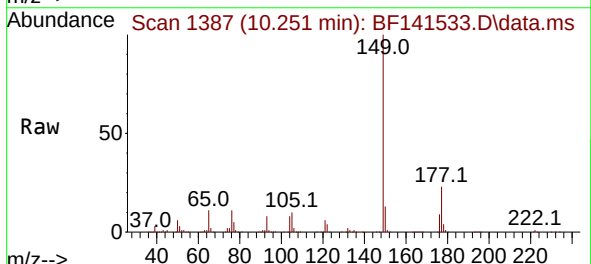
02/11/2025
Supervised By :Jagrut
Upadhyay

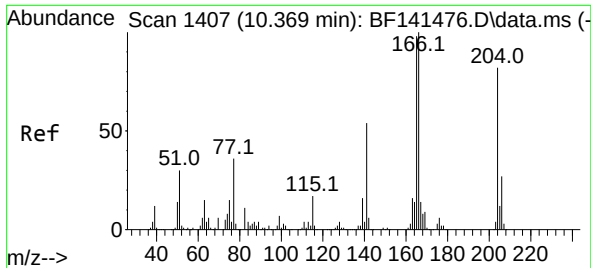
02/11/2025



#60
Diethylphthalate
Concen: 44.051 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

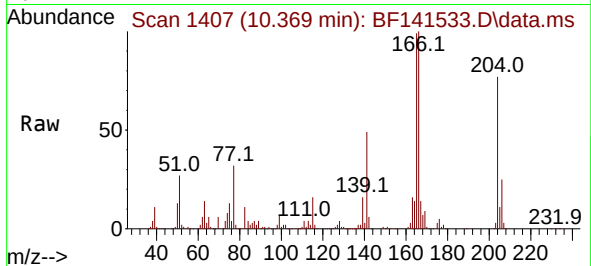
Tgt Ion:149 Resp: 589921
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.491 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



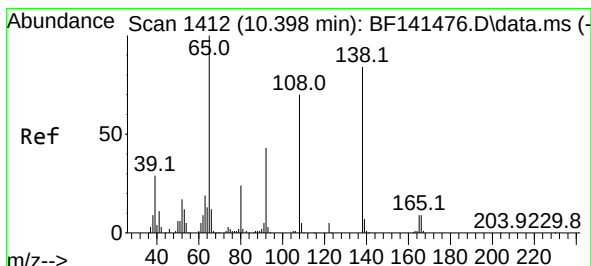
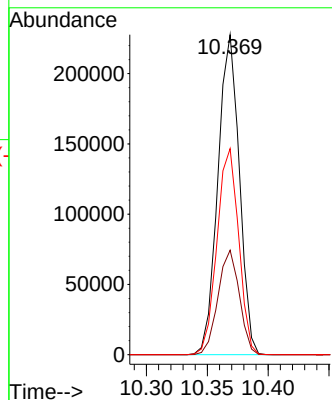
Tgt Ion:204 Resp: 27921
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.4 51.9 77.9

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

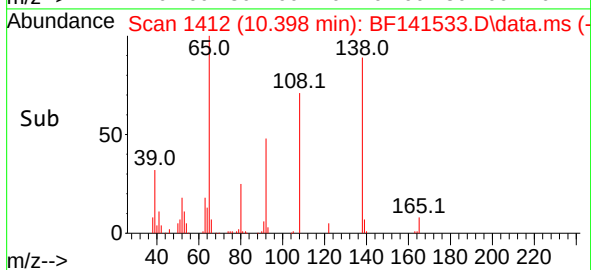
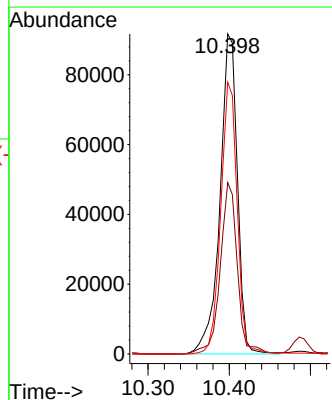
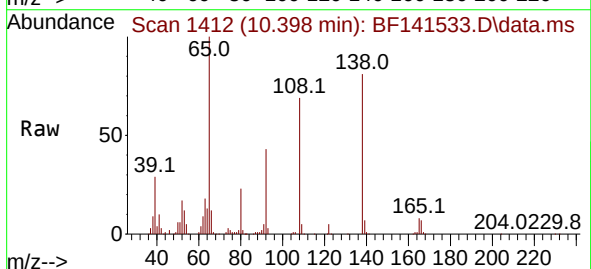
02/11/2025
Supervised By :Jagrut
Upadhyay

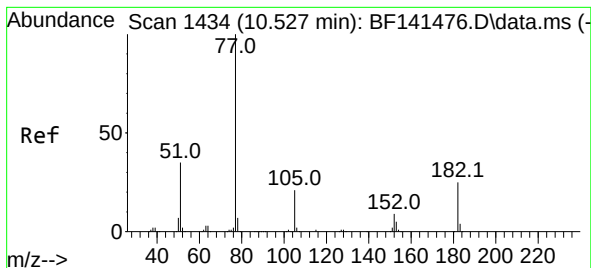
02/11/2025



#62
4-Nitroaniline
Concen: 42.225 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

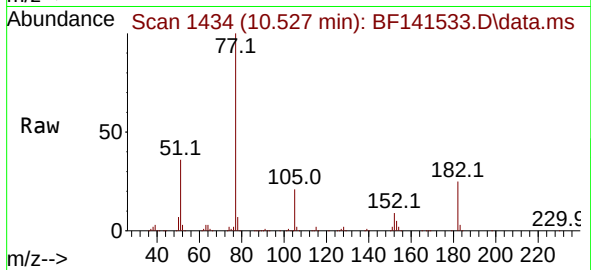
Tgt Ion:138 Resp: 137313
Ion Ratio Lower Upper
138 100
92 53.5 31.3 71.3
108 84.9 63.7 103.7





#63
Azobenzene
Concen: 43.594 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



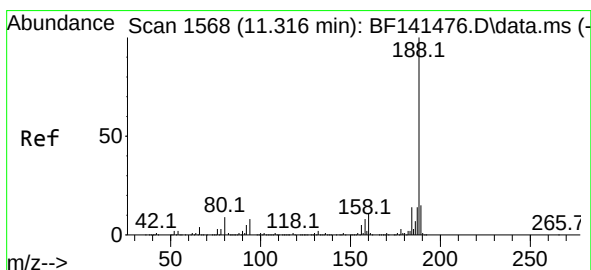
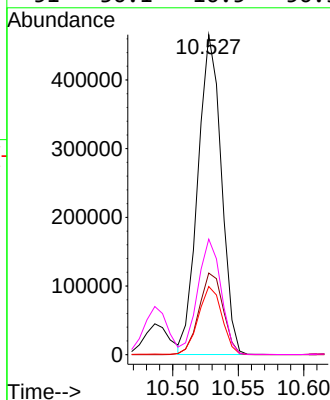
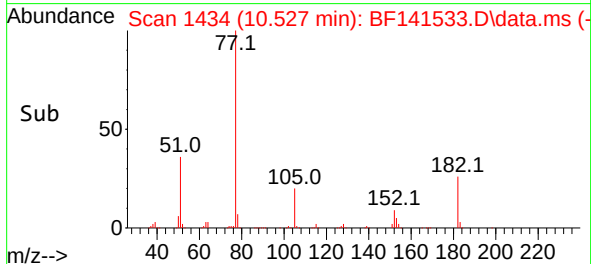
Tgt Ion: 77 Resp: 58038
Ion Ratio Lower Upper
77 100
182 25.5 4.7 44.7
105 21.3 0.4 40.4
51 36.1 16.5 56.5

Manual Integrations
APPROVED

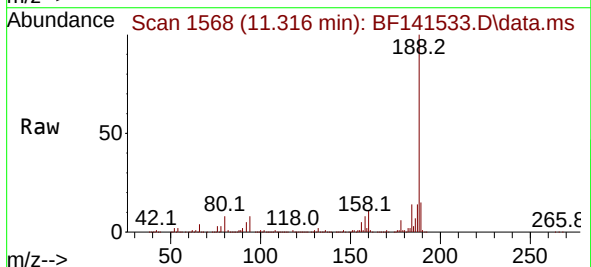
Reviewed By :Anahy
Claudio

02/11/2025
Supervised By :Jagrut
Upadhyay

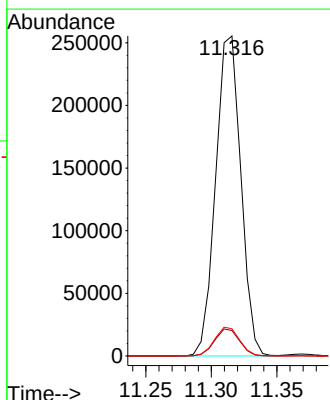
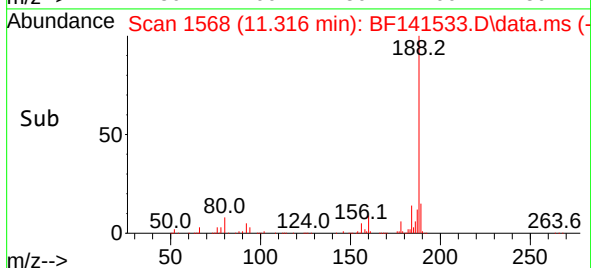
02/11/2025

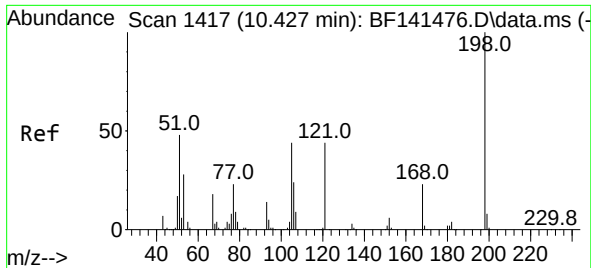


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



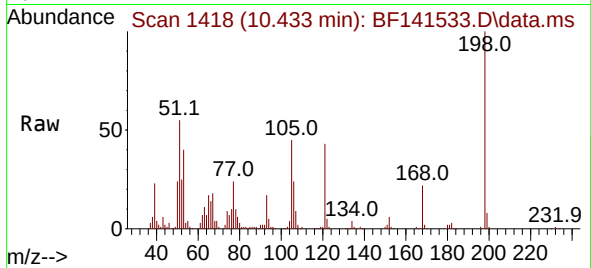
Tgt Ion:188 Resp: 341345
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.616 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



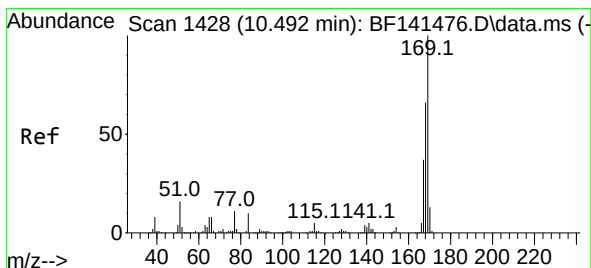
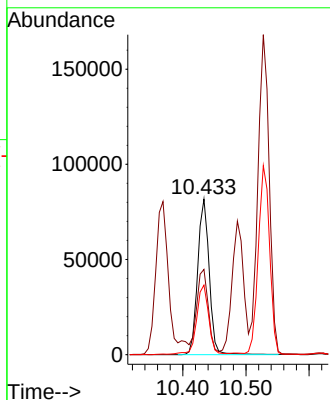
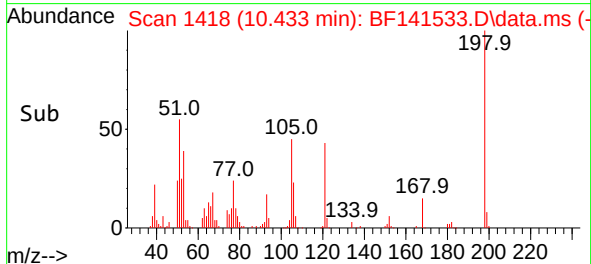
Tgt Ion:198 Resp: 103421
Ion Ratio Lower Upper
198 100
51 54.8 37.4 77.4
105 44.7 25.2 65.2

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

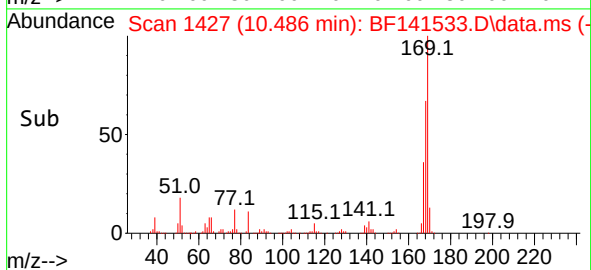
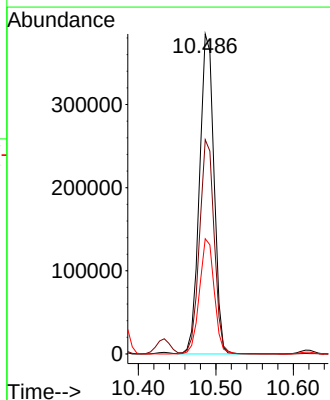
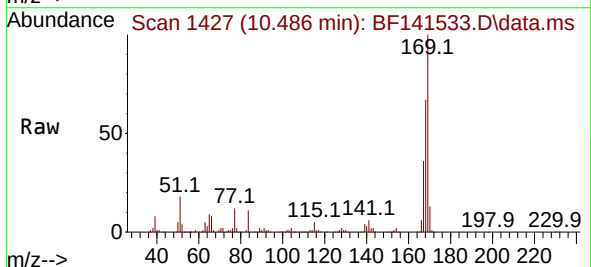
02/11/2025
Supervised By :Jagrut
Upadhyay

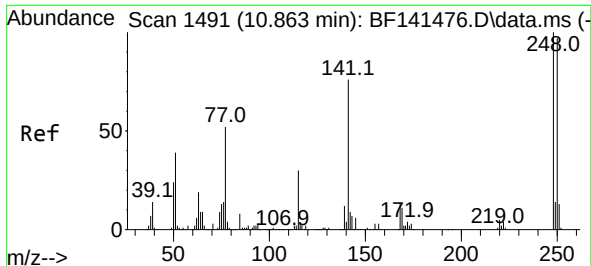
02/11/2025



#66
n-Nitrosodiphenylamine
Concen: 45.708 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:169 Resp: 499439
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.0 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.353 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:248 Resp: 17302
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 80.6 60.6 90.8

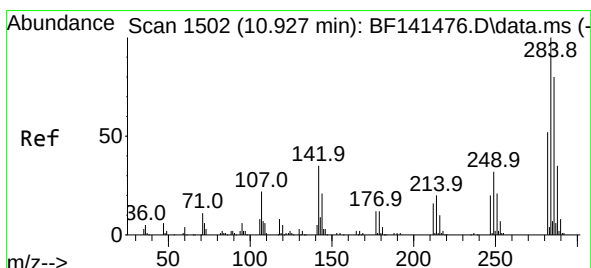
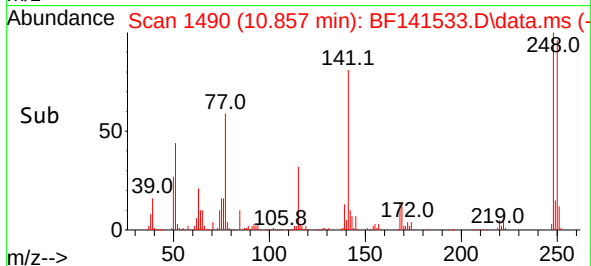
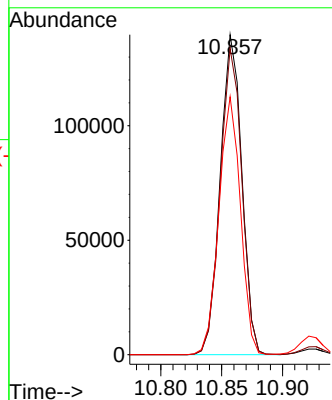
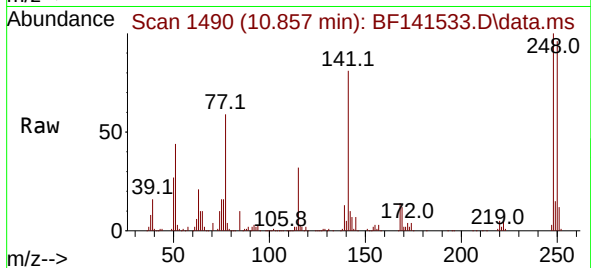
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

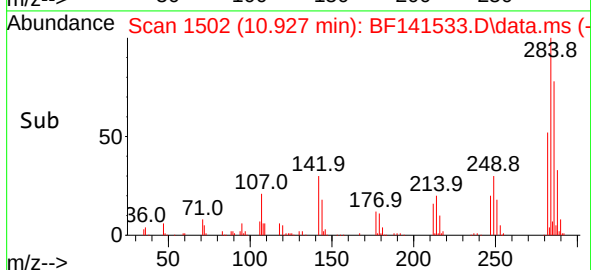
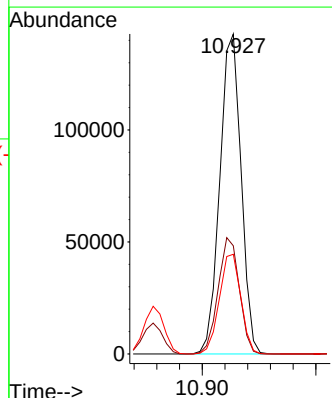
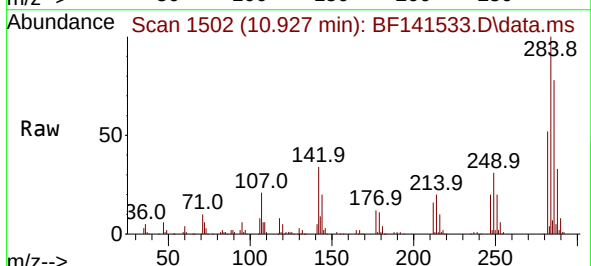
Supervised By :Jagrut
Upadhyay

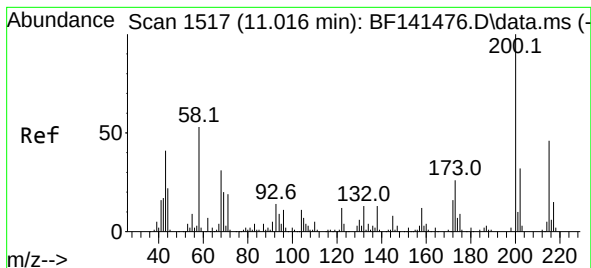
02/11/2025



#68
Hexachlorobenzene
Concen: 47.288 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:284 Resp: 185767
Ion Ratio Lower Upper
284 100
142 33.8 28.0 42.0
249 31.2 25.8 38.8





#69

Atrazine

Concen: 59.446 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:200 Resp: 19486

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 44.1 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Anahy

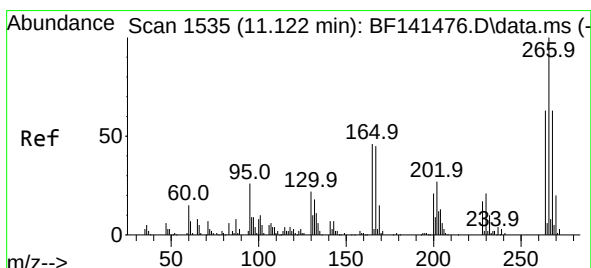
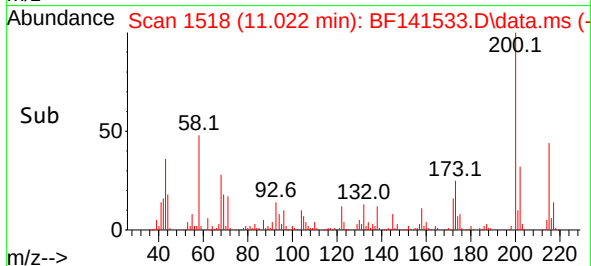
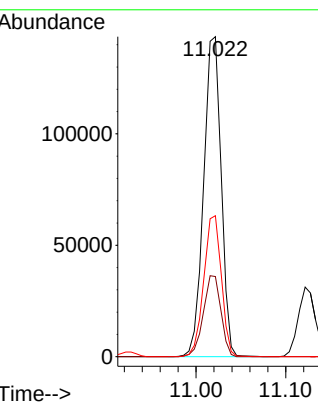
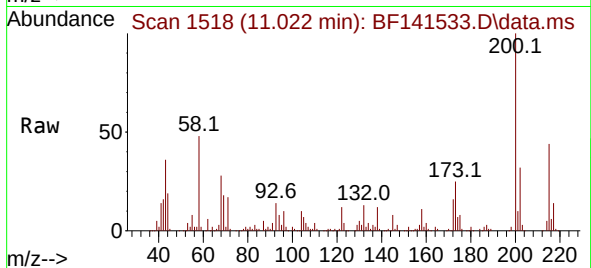
Claudio

02/11/2025

Supervised By :Jagrut

Upadhyay

02/11/2025



#70

Pentachlorophenol

Concen: 85.422 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

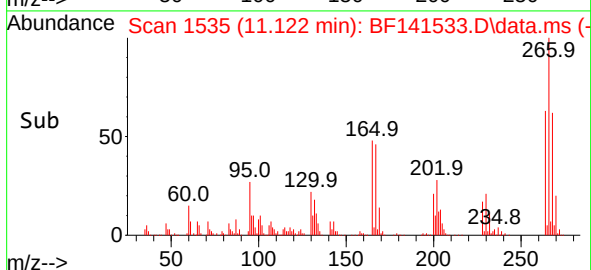
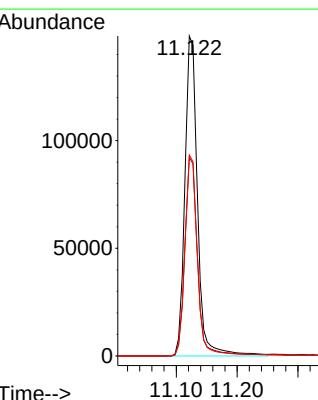
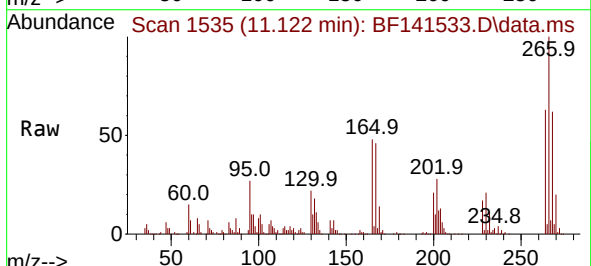
Tgt Ion:266 Resp: 214572

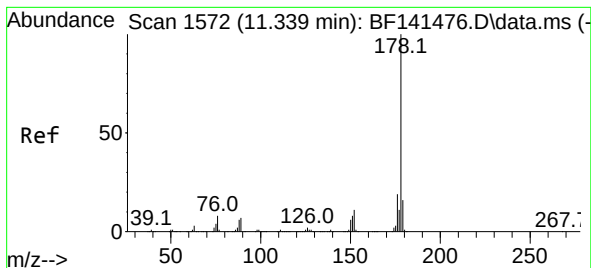
Ion Ratio Lower Upper

266 100

268 62.1 50.1 75.1

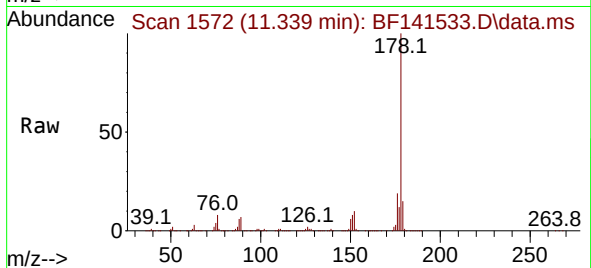
264 62.8 50.1 75.1





#71
Phenanthrene
Concen: 45.523 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



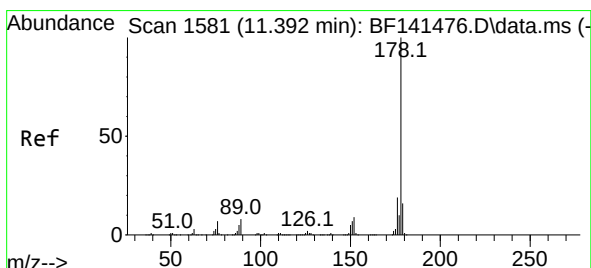
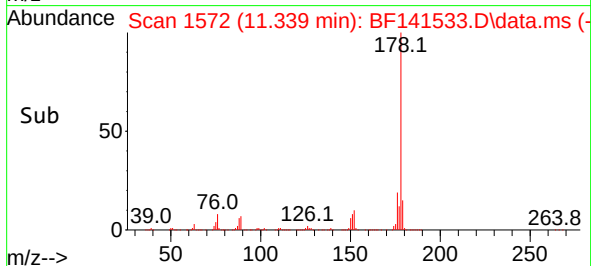
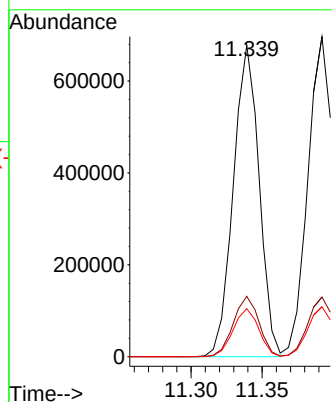
Tgt Ion:178 Resp: 855349
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

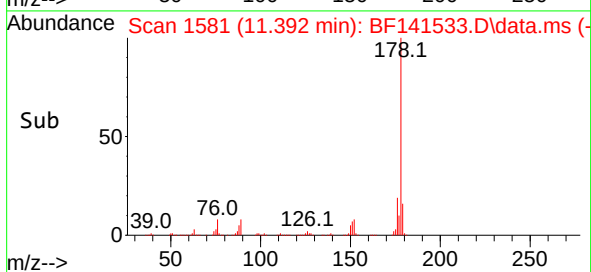
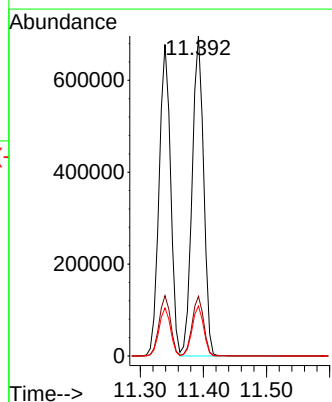
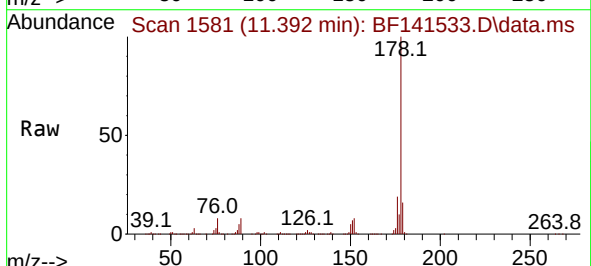
02/11/2025
Supervised By :Jagrut
Upadhyay

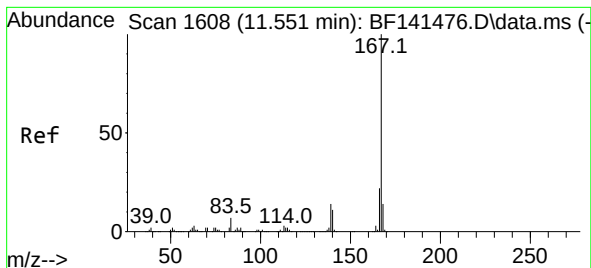
02/11/2025



#72
Anthracene
Concen: 46.665 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

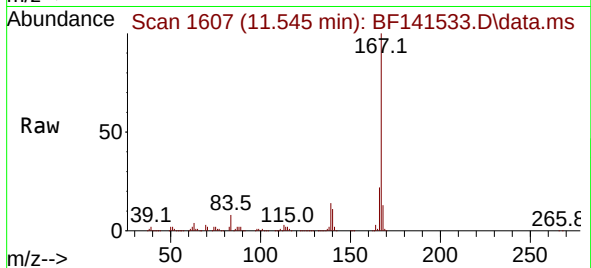
Tgt Ion:178 Resp: 881404
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 44.357 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Instrument :
 BNA_F
 ClientSampleId :
 PB166619BS



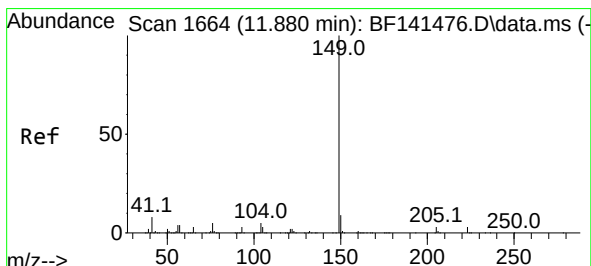
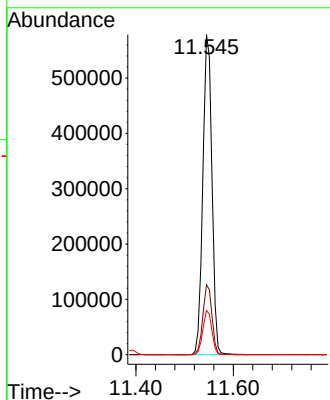
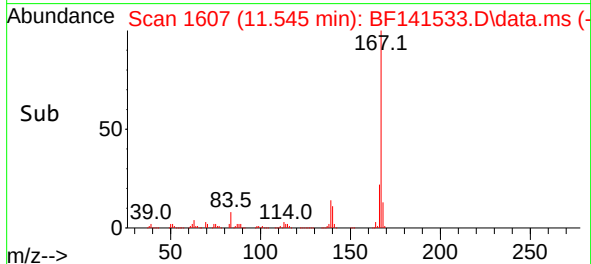
Tgt Ion:167 Resp: 753860
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 10.9 16.3

Manual Integrations
 APPROVED

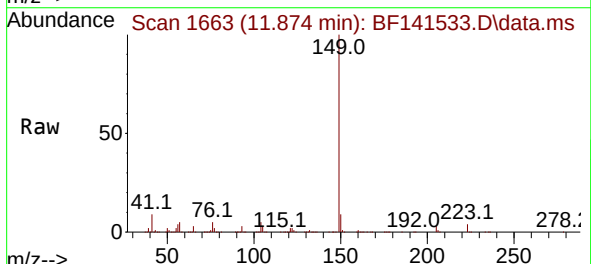
Reviewed By :Anahy
 Claudio

02/11/2025
 Supervised By :Jagrut
 Upadhyay

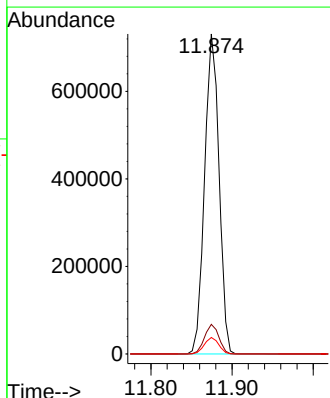
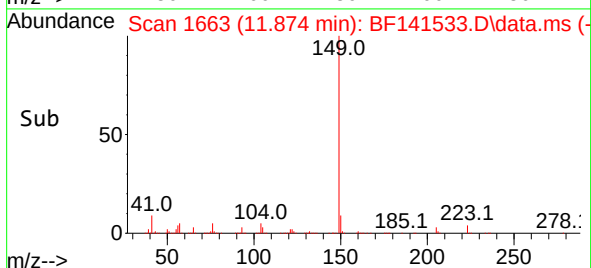
02/11/2025

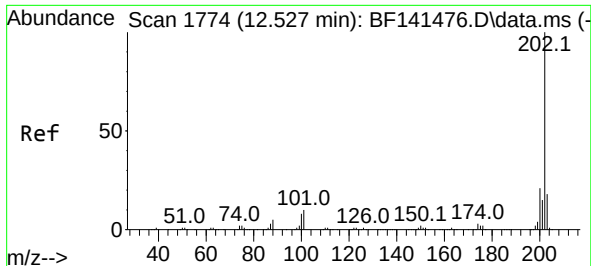


#74
 Di-n-butylphthalate
 Concen: 45.860 ng
 RT: 11.874 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26



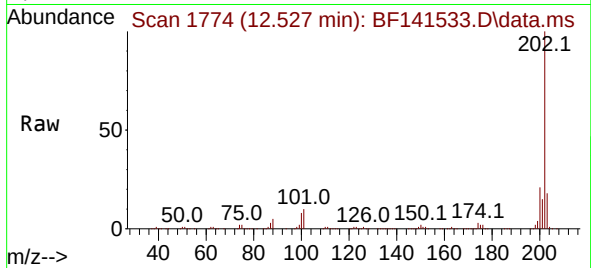
Tgt Ion:149 Resp: 899944
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 43.344 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



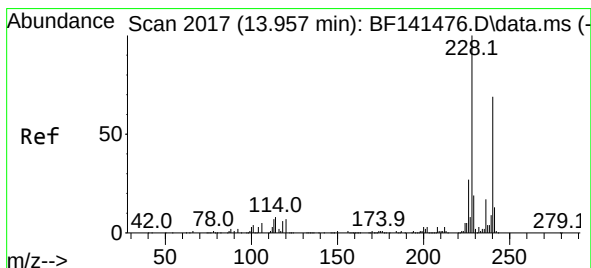
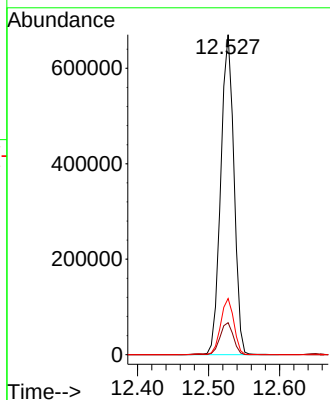
Tgt Ion:202 Resp: 86344
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.5 0.0 37.6

Manual Integrations
APPROVED

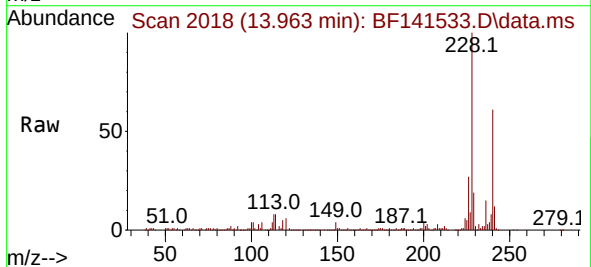
Reviewed By :Anahy
Claudio

02/11/2025
Supervised By :Jagrut
Upadhyay

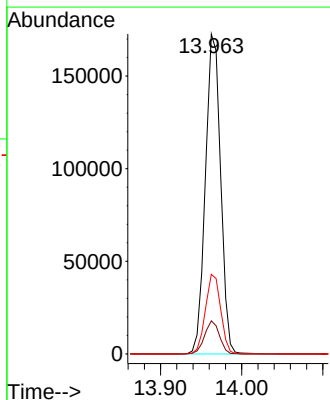
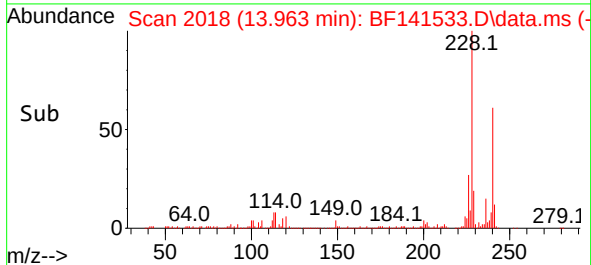
02/11/2025

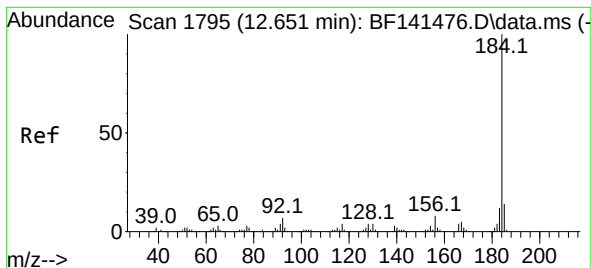


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26



Tgt Ion:240 Resp: 224165
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 24.9 19.8 29.8





#77

Benzidine

Concen: 75.114 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141533.D

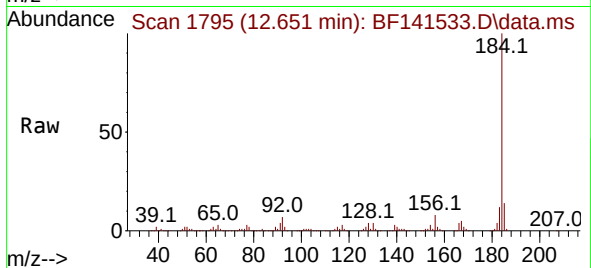
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:	184	Resp:	37134
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.3	16.9
183	11.9	9.3	13.9

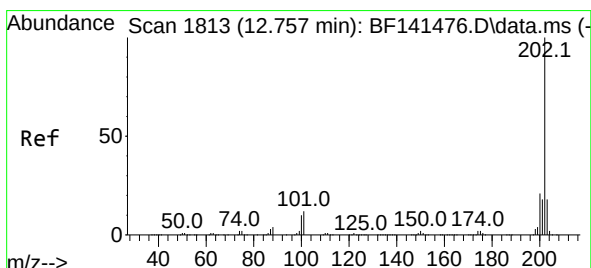
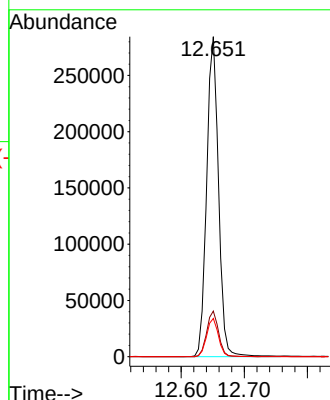
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

Supervised By :Jagrut
Upadhyay

02/11/2025



#78

Pyrene

Concen: 45.944 ng

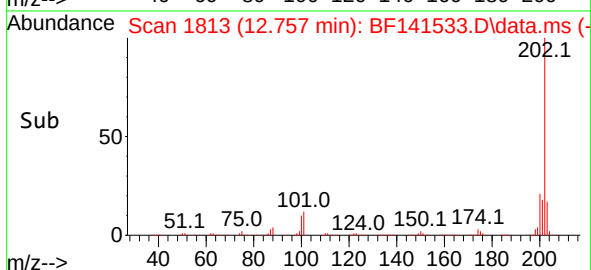
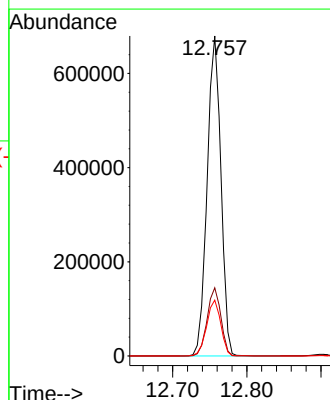
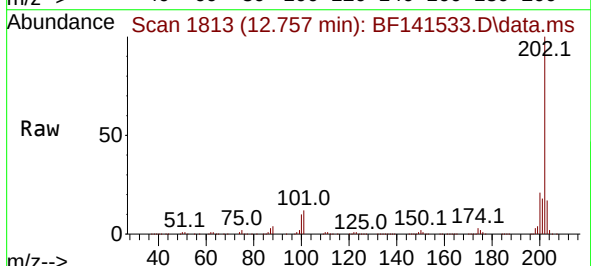
RT: 12.757 min Scan# 1813

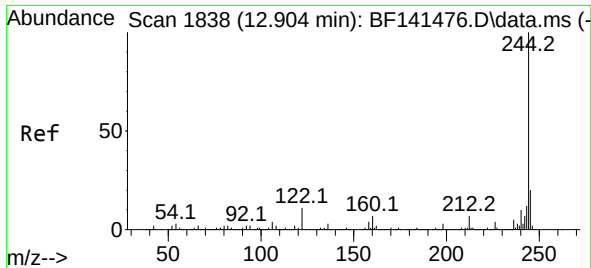
Delta R.T. -0.006 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

Tgt Ion:	202	Resp:	876728
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.5	14.3	21.5





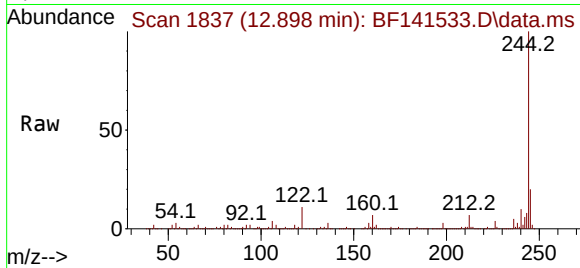
#79
 Terphenyl-d14
 Concen: 102.406 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



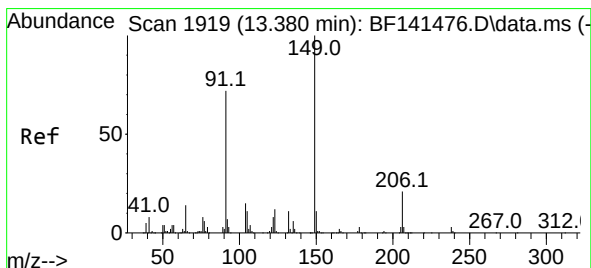
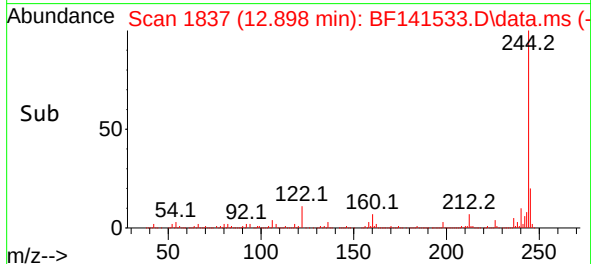
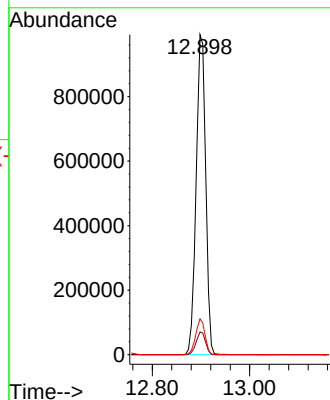
Tgt Ion:244 Resp: 135980
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 8.4 12.6

Manual Integrations
 APPROVED

Reviewed By :Anahy
 Claudio

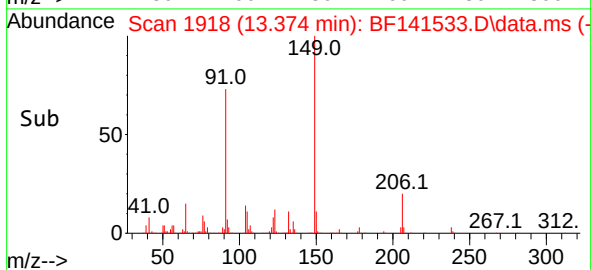
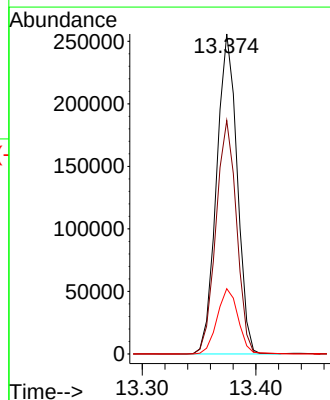
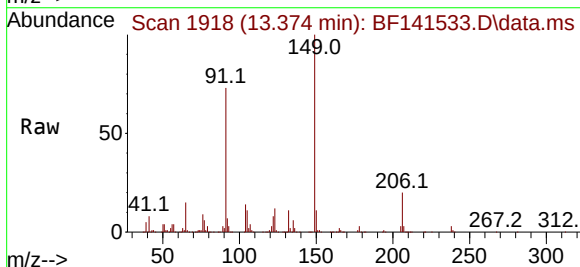
02/11/2025
 Supervised By :Jagrut
 Upadhyay

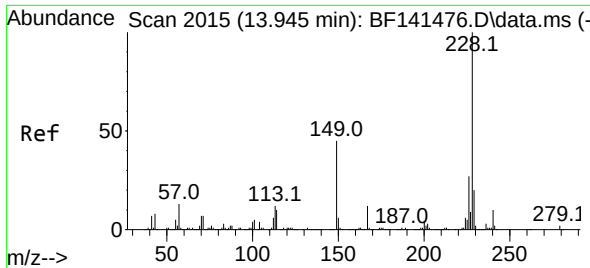
02/11/2025



#80
 Butylbenzylphthalate
 Concen: 48.804 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141533.D
 Acq: 10 Feb 2025 12:26

Tgt Ion:149 Resp: 322579
 Ion Ratio Lower Upper
 149 100
 91 72.9 57.8 86.8
 206 20.4 16.7 25.1





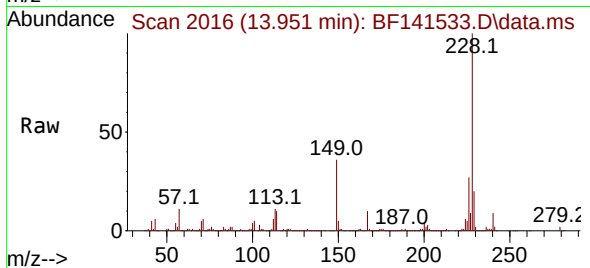
#81
Benzo(a)anthracene
Concen: 46.222 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:228 Resp: 688760
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.6

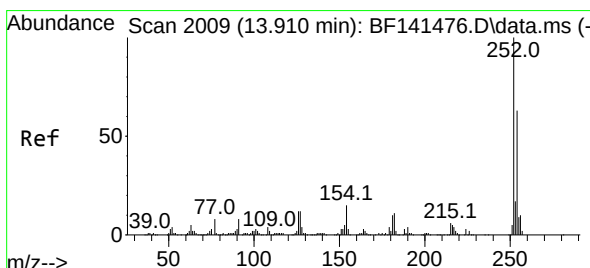
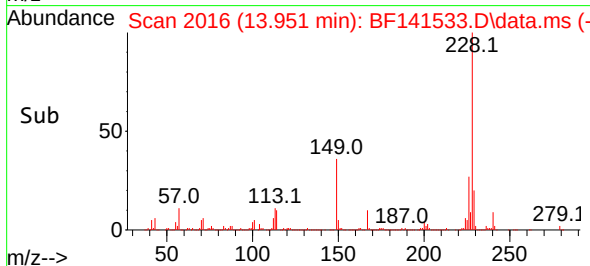
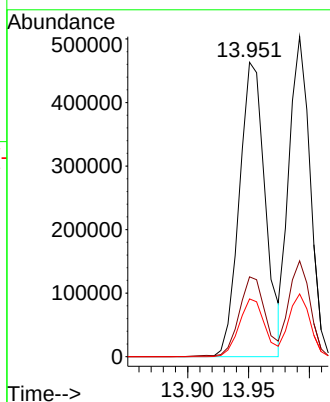
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

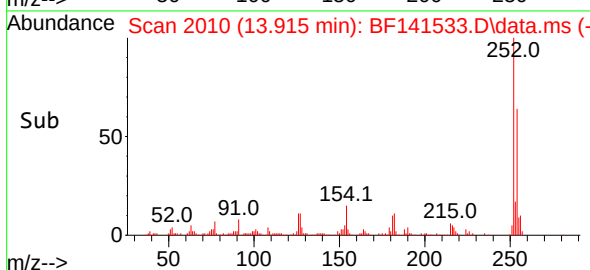
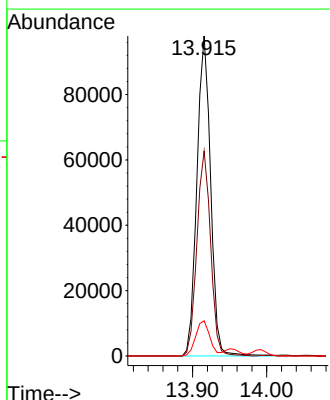
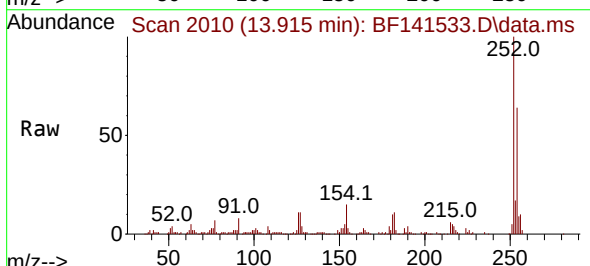
Supervised By :Jagrut
Upadhyay

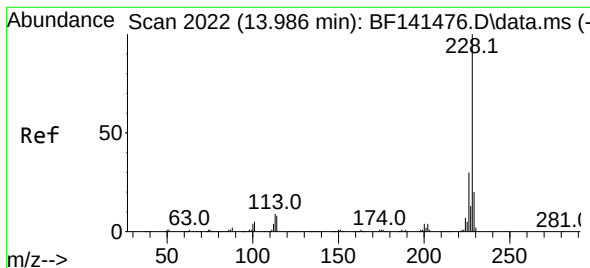
02/11/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.536 ng
RT: 13.915 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:252 Resp: 126075
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 44.351 ng

RT: 13.992 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141533.D

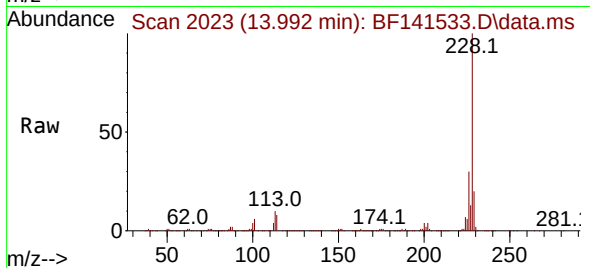
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS



Tgt Ion:228 Resp: 610220

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

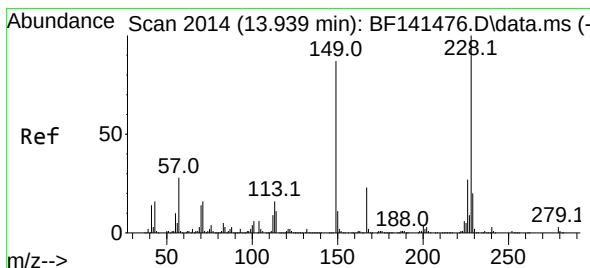
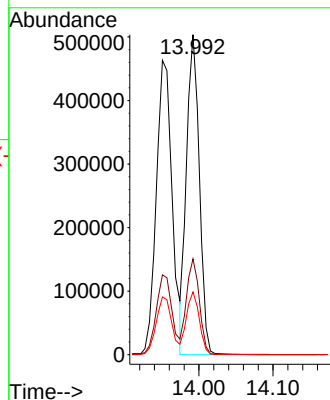
Claudio

02/11/2025

Supervised By :Jagrut

Upadhyay

02/11/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.927 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141533.D

Acq: 10 Feb 2025 12:26

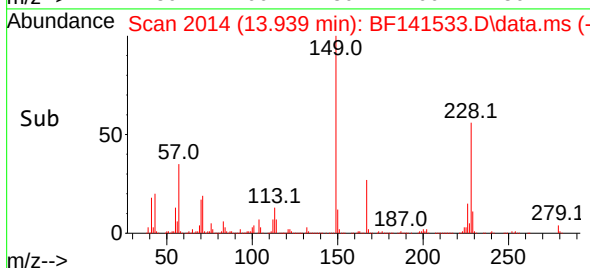
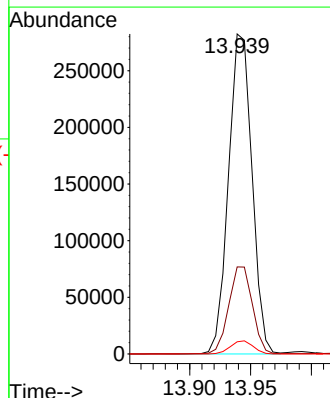
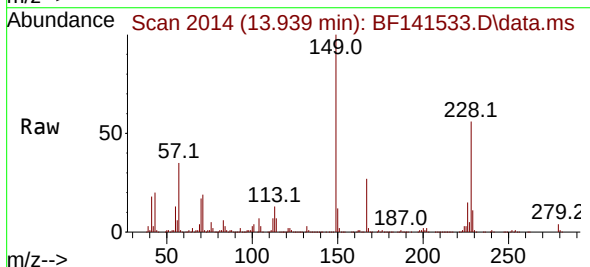
Tgt Ion:149 Resp: 379642

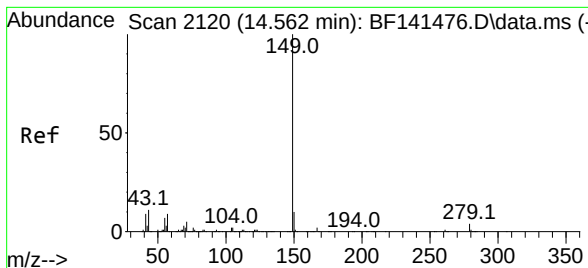
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

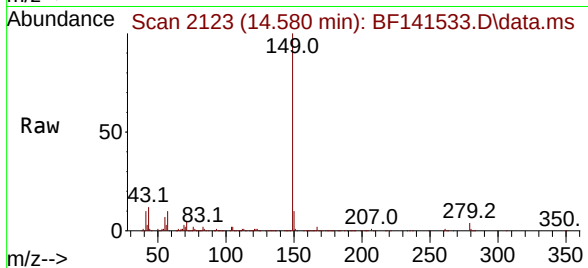
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.857 ng
RT: 14.580 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



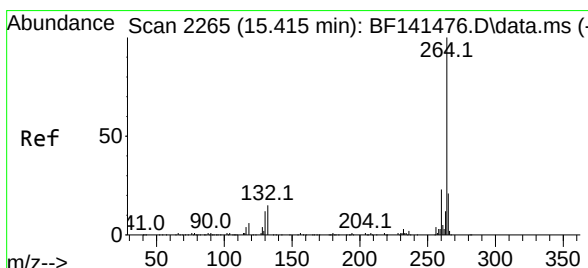
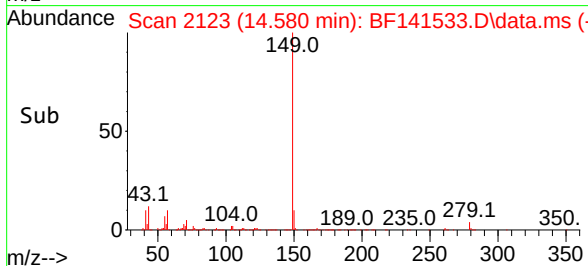
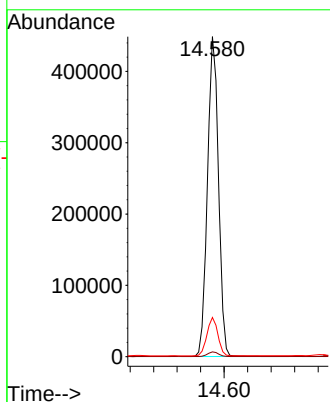
Tgt Ion:149 Resp: 58338
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.9 9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

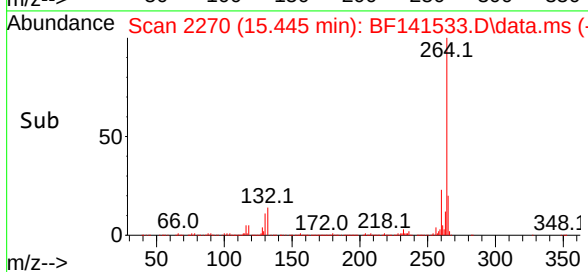
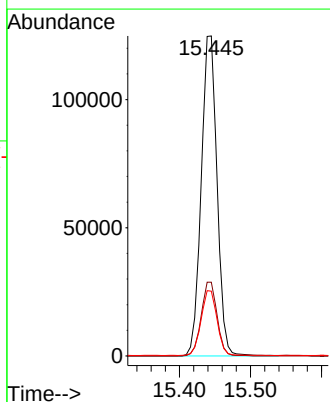
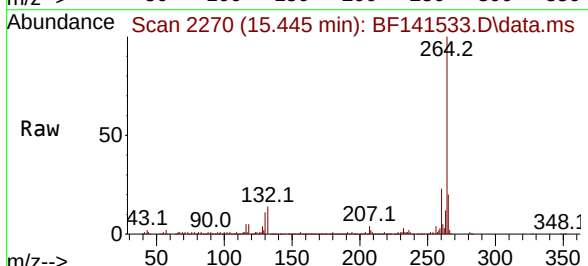
02/11/2025
Supervised By :Jagrut
Upadhyay

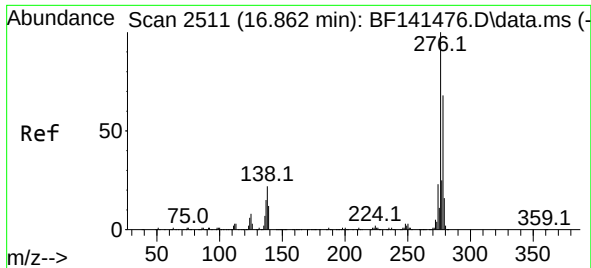
02/11/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:264 Resp: 193889
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 20.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.104 ng
RT: 16.898 min Scan# 2119
Delta R.T. 0.024 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB166619BS

Tgt Ion:276 Resp: 612239
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.4 20.4 30.6

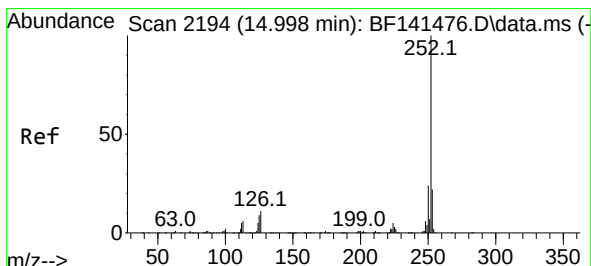
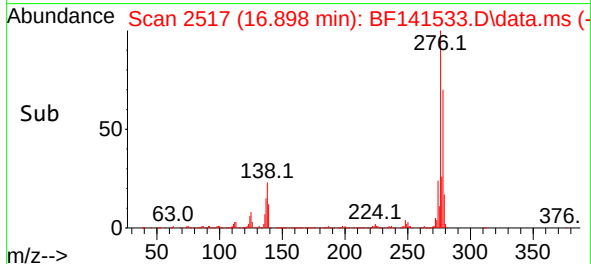
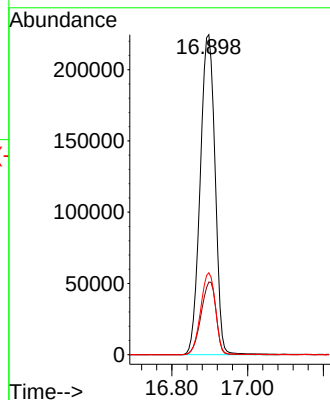
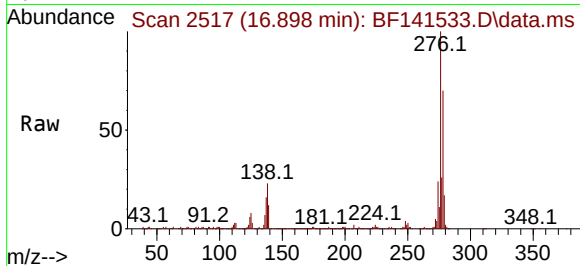
Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025

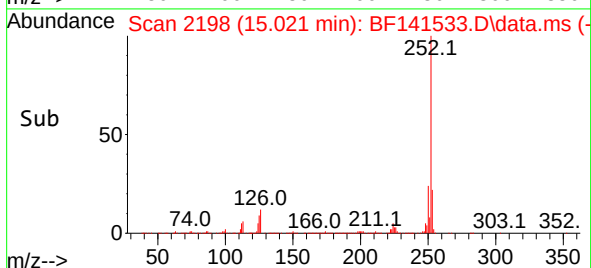
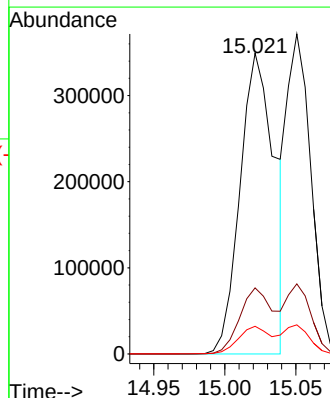
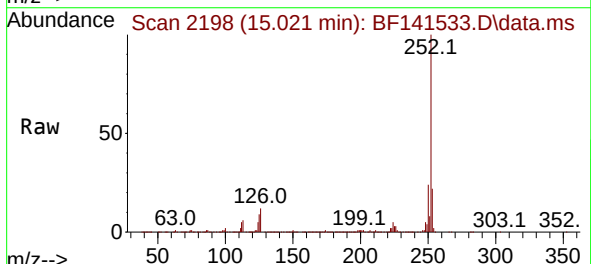
Supervised By :Jagrut
Upadhyay

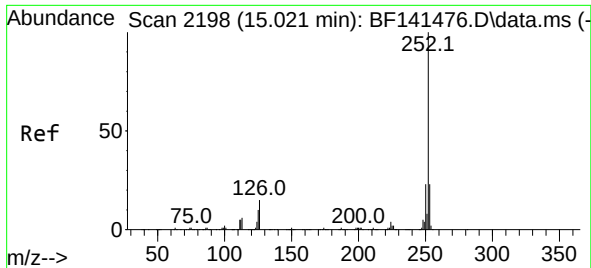
02/11/2025



#88
Benzo(b)fluoranthene
Concen: 45.338 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

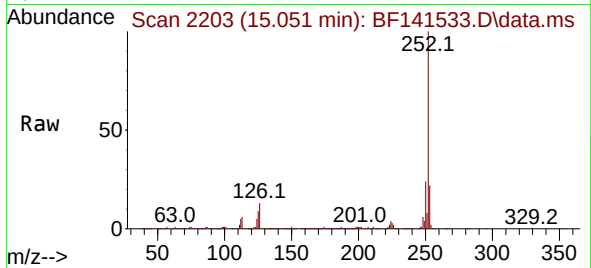
Tgt Ion:252 Resp: 590236
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 39.228 ng
RT: 15.051 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



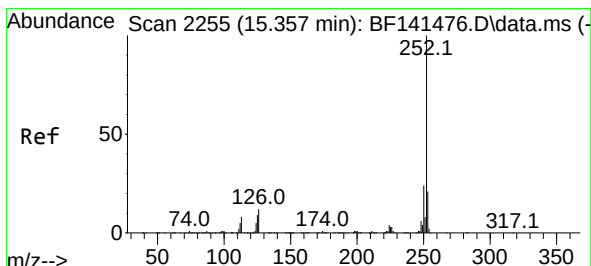
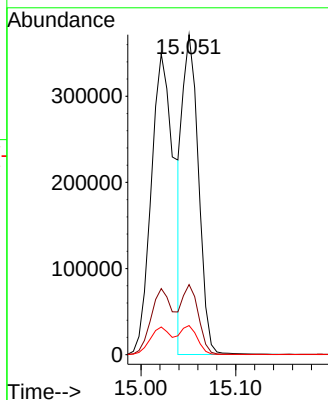
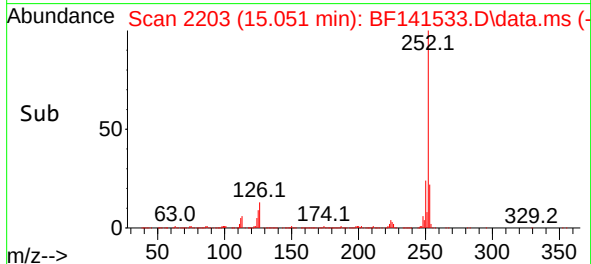
Tgt Ion:252 Resp: 436093
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.1 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

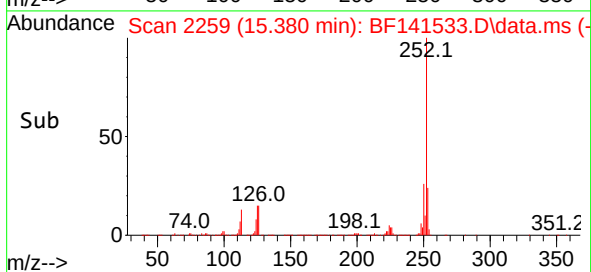
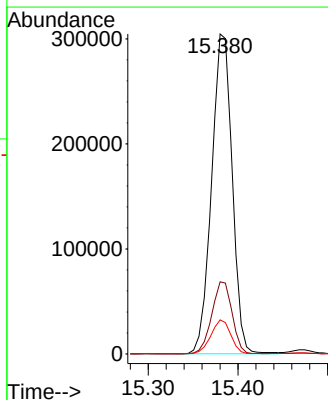
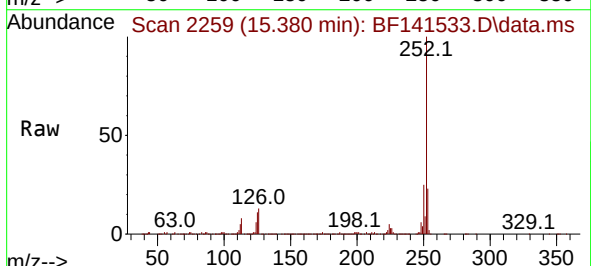
02/11/2025
Supervised By :Jagrut
Upadhyay

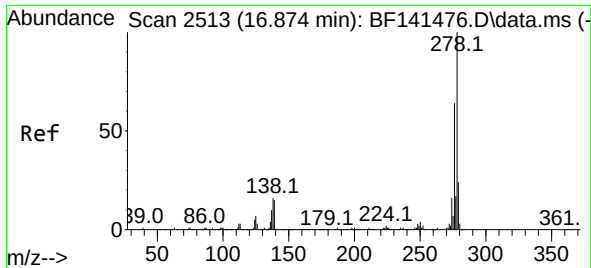
02/11/2025



#90
Benzo(a)pyrene
Concen: 46.059 ng
RT: 15.380 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

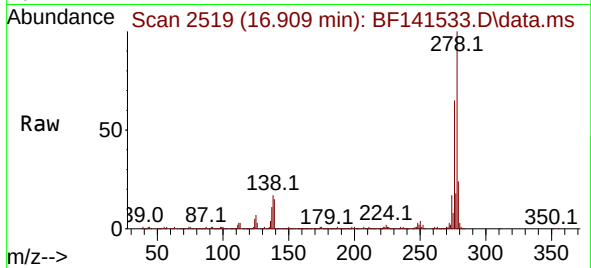
Tgt Ion:252 Resp: 485203
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 50.955 ng
RT: 16.909 min Scan# 2513
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB166619BS



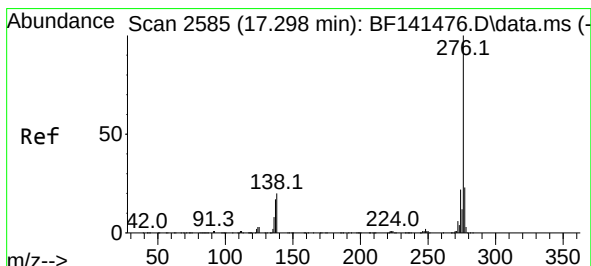
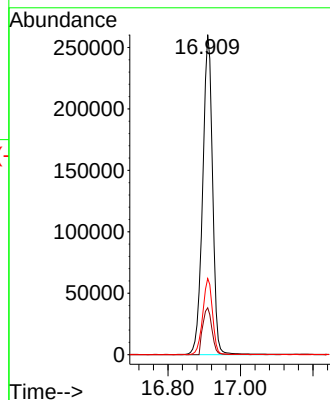
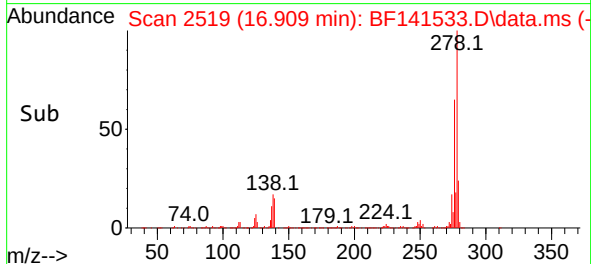
Tgt Ion:278 Resp: 49464
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.8 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy
Claudio

02/11/2025
Supervised By :Jagrut
Upadhyay

02/11/2025



#92
Benzo(g,h,i)perylene
Concen: 47.739 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.018 min
Lab File: BF141533.D
Acq: 10 Feb 2025 12:26

Tgt Ion:276 Resp: 484949
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 18.6 15.9 23.9

