

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141579.D
 Acq On : 12 Feb 2025 10:25
 Operator : RC/JU
 Sample : PB166665BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166665BS

Quant Time: Feb 12 11:01:39 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 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	88766	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	353449	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	195436	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	339100	20.000	ng	0.00
76) Chrysene-d12	13.951	240	224082	20.000	ng	-0.01
86) Perylene-d12	15.404	264	200909	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	757942	133.864	ng	0.01
7) Phenol-d6	6.434	99	928416	129.734	ng	0.00
23) Nitrobenzene-d5	7.357	82	621523	91.718	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	267748	136.380	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1188181	93.666	ng	0.00
79) Terphenyl-d14	12.898	244	1347812	101.540	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	91249	40.042	ng	98
3) Pyridine	3.304	79	211249	38.956	ng	98
4) n-Nitrosodimethylamine	3.251	42	145459	40.510	ng	94
6) Aniline	6.451	93	236923	35.293	ng	# 82
8) 2-Chlorophenol	6.575	128	268015	43.807	ng	98
9) Benzaldehyde	6.339	77	148893	39.153	ng	99
10) Phenol	6.445	94	319137	42.847	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	243324	43.493	ng	100
12) 1,3-Dichlorobenzene	6.728	146	279025	43.200	ng	98
13) 1,4-Dichlorobenzene	6.804	146	287469	43.561	ng	99
14) 1,2-Dichlorobenzene	6.957	146	269790	44.049	ng	100
15) Benzyl Alcohol	6.934	79	237187	43.221	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	411212	42.938	ng	83
17) 2-Methylphenol	7.051	107	210931	44.057	ng	99
18) Hexachloroethane	7.298	117	107047	43.831	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	187845	43.882	ng	98
20) 3+4-Methylphenols	7.204	107	269820	44.345	ng	98
22) Acetophenone	7.198	105	411703	46.826	ng	97
24) Nitrobenzene	7.375	77	283216	42.860	ng	99
25) Isophorone	7.610	82	504319	46.675	ng	99
26) 2-Nitrophenol	7.686	139	145668	44.309	ng	98
27) 2,4-Dimethylphenol	7.728	122	216949	56.489	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	308165	44.509	ng	99
29) 2,4-Dichlorophenol	7.933	162	226634	43.675	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	242910	42.987	ng	99
31) Naphthalene	8.092	128	776529	42.206	ng	100
32) Benzoic acid	7.863	122	170324	42.696	ng	98
33) 4-Chloroaniline	8.145	127	134218	20.895	ng	98
34) Hexachlorobutadiene	8.210	225	152513	44.957	ng	98
35) Caprolactam	8.516	113	80466m	50.930	ng	
36) 4-Chloro-3-methylphenol	8.633	107	251820	43.809	ng	99
37) 2-Methylnaphthalene	8.780	142	498810	41.663	ng	99
38) 1-Methylnaphthalene	8.880	142	483389	41.687	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	270893	47.910	ng	99
41) Hexachlorocyclopentadiene	8.933	237	279646	148.698	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	158924	43.488	ng	99

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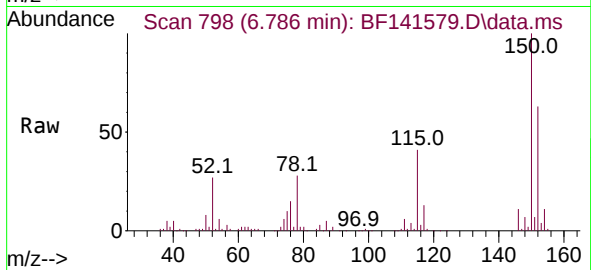
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	174620	44.090	ng	99
46) 1,1'-Biphenyl	9.251	154	721935	47.647	ng	100
47) 2-Chloronaphthalene	9.275	162	491383	43.857	ng	99
48) 2-Nitroaniline	9.375	65	163834	43.571	ng	96
49) Acenaphthylene	9.686	152	763089	45.790	ng	99
50) Dimethylphthalate	9.551	163	594705	44.824	ng	99
51) 2,6-Dinitrotoluene	9.616	165	128626	44.348	ng	99
52) Acenaphthene	9.857	154	479512	42.799	ng	100
53) 3-Nitroaniline	9.780	138	73404	23.514	ng	99
54) 2,4-Dinitrophenol	9.898	184	154937	89.882	ng	94
55) Dibenzofuran	10.033	168	697371	42.406	ng	99
56) 4-Nitrophenol	9.963	139	199467	86.076	ng	96
57) 2,4-Dinitrotoluene	10.022	165	175228	45.382	ng	100
58) Fluorene	10.374	166	555129	43.658	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148013	43.409	ng	97
60) Diethylphthalate	10.251	149	578506	44.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	271885	44.446	ng	97
62) 4-Nitroaniline	10.398	138	134160	42.324	ng	98
63) Azobenzene	10.527	77	555146	42.779	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	102882	43.676	ng	93
66) n-Nitrosodiphenylamine	10.486	169	487074	44.871	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	170912	45.097	ng	100
68) Hexachlorobenzene	10.921	284	179264	45.935	ng	98
69) Atrazine	11.016	200	192047	58.974	ng	99
70) Pentachlorophenol	11.121	266	206142	82.610	ng	100
71) Phenanthrene	11.339	178	822229	44.050	ng	100
72) Anthracene	11.386	178	855545	45.596	ng	99
73) Carbazole	11.545	167	733768	43.461	ng	100
74) Di-n-butylphthalate	11.874	149	884188	45.355	ng	100
75) Fluoranthene	12.521	202	858158	43.364	ng	100
77) Benzidine	12.645	184	228377	46.212	ng	99
78) Pyrene	12.751	202	869496	45.582	ng	100
80) Butylbenzylphthalate	13.374	149	321374	48.640	ng	98
81) Benzo(a)anthracene	13.945	228	690261	46.340	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	118202	27.702	ng	98
83) Chrysene	13.980	228	596815	43.393	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	387926	52.058	ng	99
85) Di-n-octyl phthalate	14.545	149	601724	56.602	ng	98
87) Indeno(1,2,3-cd)pyrene	16.851	276	624398	50.298	ng	99
88) Benzo(b)fluoranthene	14.986	252	547117	40.557	ng	100
89) Benzo(k)fluoranthene	15.015	252	531679	46.155	ng	98
90) Benzo(a)pyrene	15.345	252	514100	47.097	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	500098	49.717	ng	99
92) Benzo(g,h,i)perylene	17.280	276	494631	46.990	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

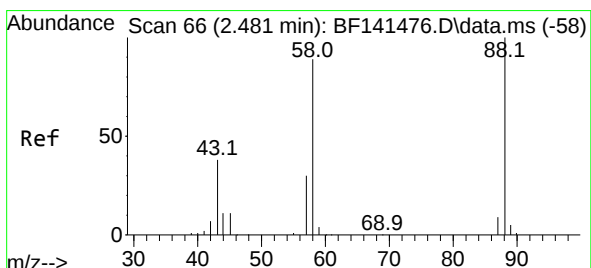
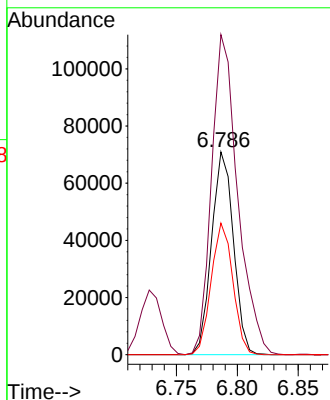
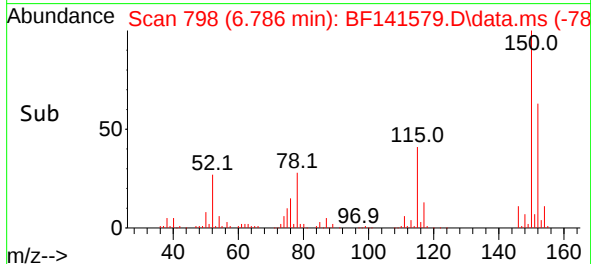
Instrument :
BNA_F
ClientSampleId :
PB166665BS



Tgt Ion:152 Resp: 88760
Ion Ratio Lower Upper
152 100
150 157.8 125.0 187.4
115 64.8 53.6 80.4

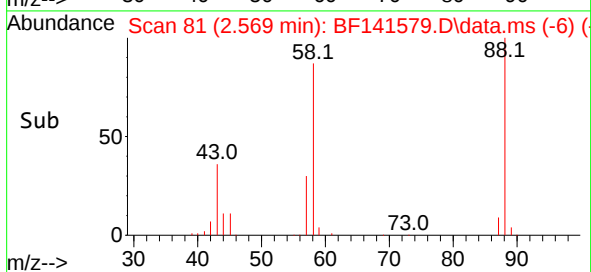
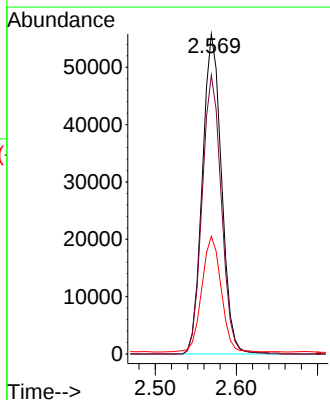
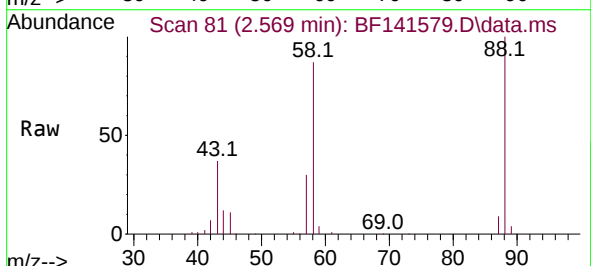
Manual Integrations
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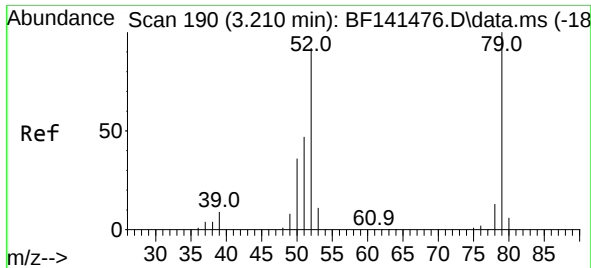
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#2
1,4-Dioxane
Concen: 40.042 ng
RT: 2.569 min Scan# 81
Delta R.T. 0.088 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion: 88 Resp: 91249
Ion Ratio Lower Upper
88 100
58 87.7 71.1 106.7
43 36.5 30.6 46.0





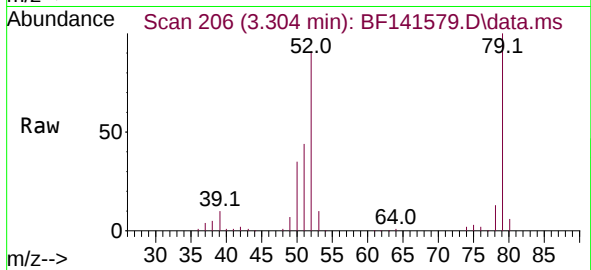
#3
Pyridine
Concen: 38.956 ng
RT: 3.304 min Scan# 206
Delta R.T. 0.088 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

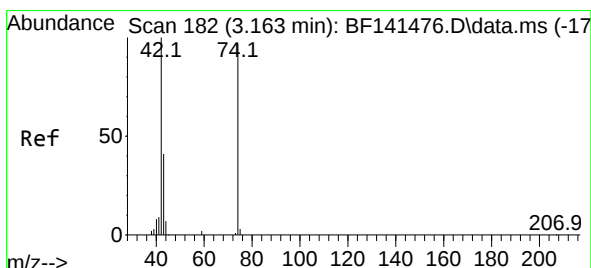
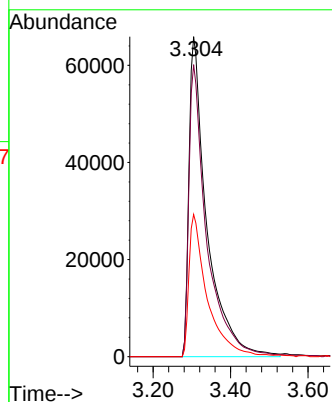
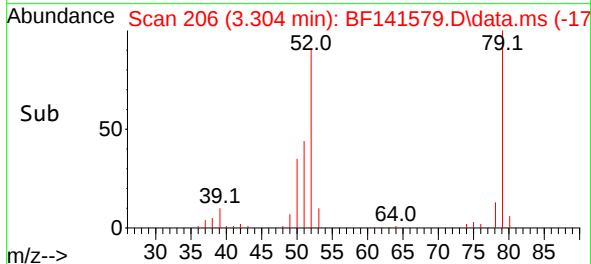


Tgt Ion: 79 Resp: 211249
Ion Ratio Lower Upper
79 100
52 91.3 73.7 110.5
51 44.5 37.5 56.3

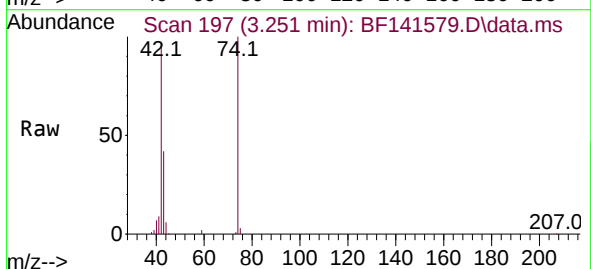
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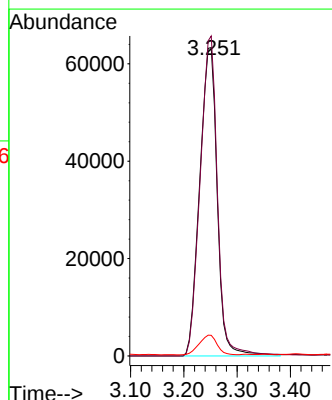
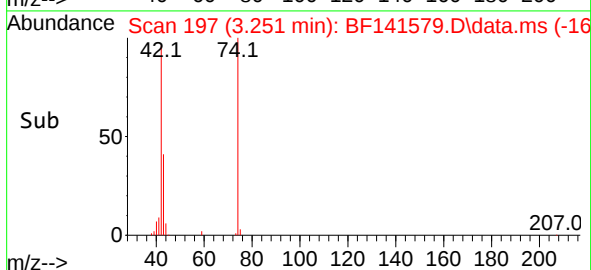
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#4
n-Nitrosodimethylamine
Concen: 40.510 ng
RT: 3.251 min Scan# 197
Delta R.T. 0.065 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion: 42 Resp: 145459
Ion Ratio Lower Upper
42 100
74 103.8 78.0 117.0
44 6.7 5.4 8.2





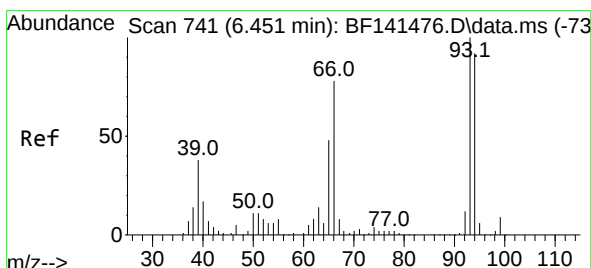
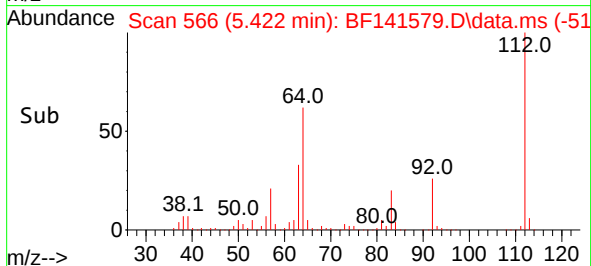
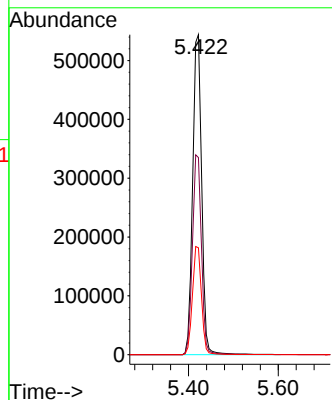
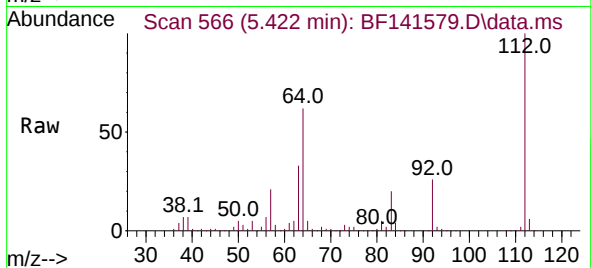
#5
2-Fluorophenol
Concen: 133.864 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB166665BS

Tgt Ion:112 Resp: 75794
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.4 28.4 42.6

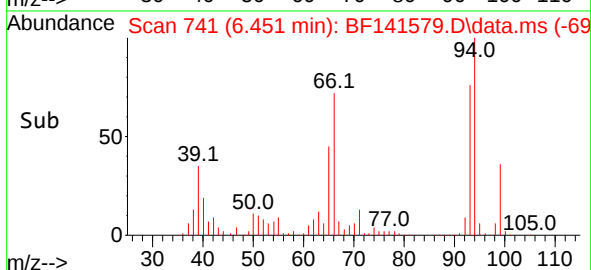
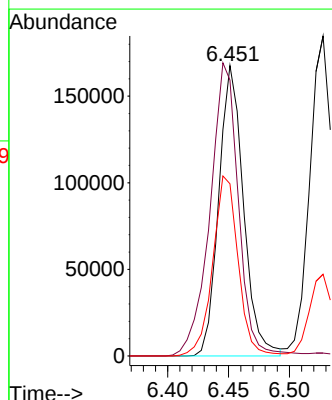
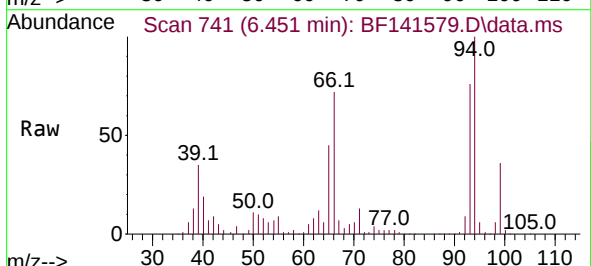
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#6
Aniline
Concen: 35.293 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

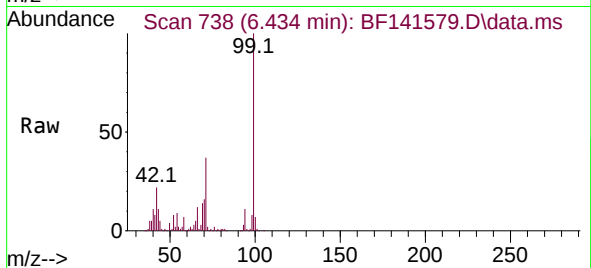
Tgt Ion: 93 Resp: 236923
Ion Ratio Lower Upper
93 100
66 95.0 62.6 94.0#
65 59.3 38.3 57.5#





#7
Phenol-d6
Concen: 129.734 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

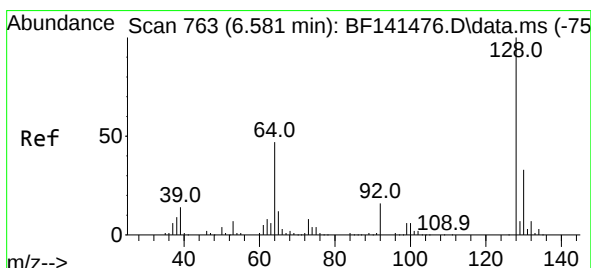
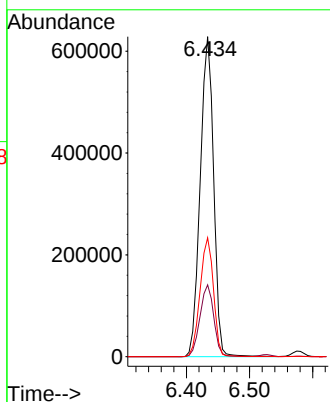
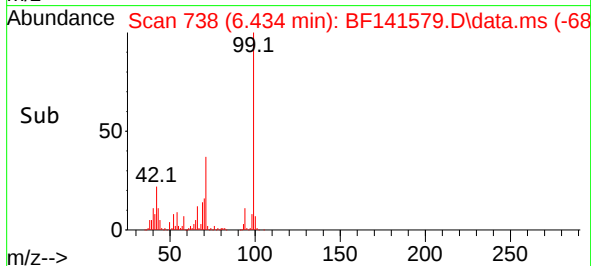
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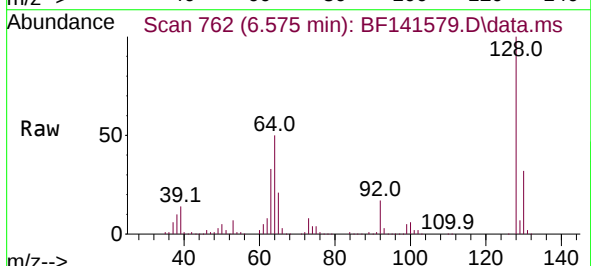
Tgt Ion: 99 Resp: 928410
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.2 31.1 46.7

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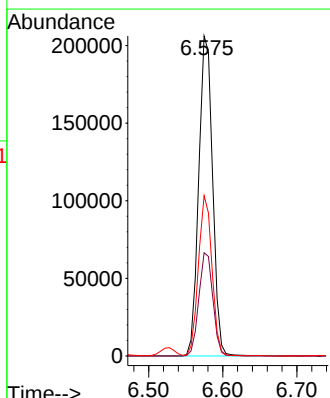
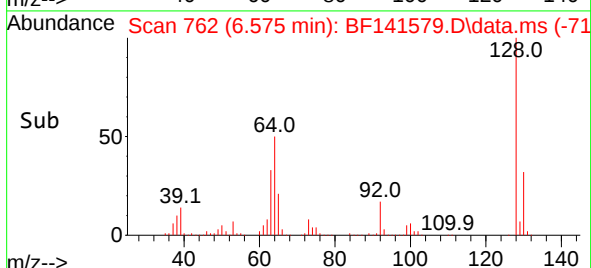
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#8
2-Chlorophenol
Concen: 43.807 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:128 Resp: 268015
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 50.1 28.3 68.3





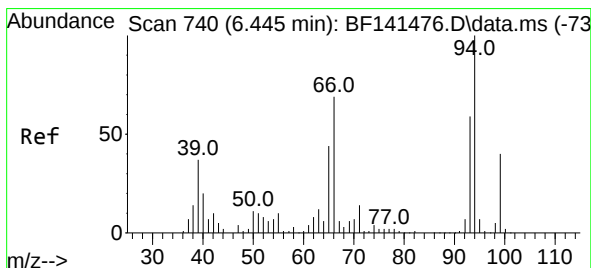
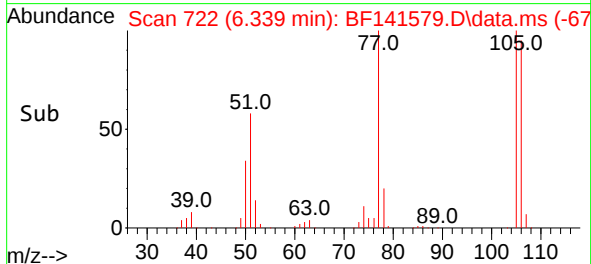
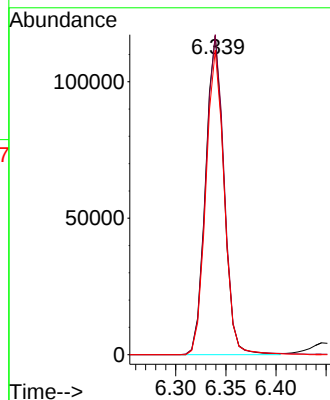
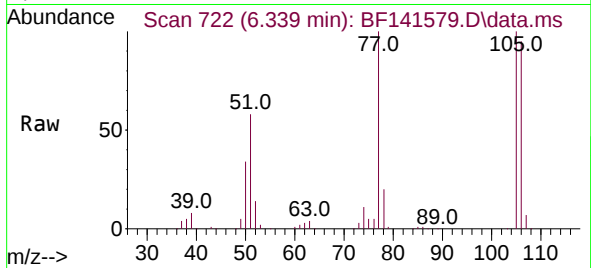
#9
Benzaldehyde
Concen: 39.153 ng
RT: 6.339 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB166665BS

Tgt Ion: 77 Resp: 14889
Ion Ratio Lower Upper
77 100
105 100.4 79.4 119.4
106 95.5 75.1 115.1

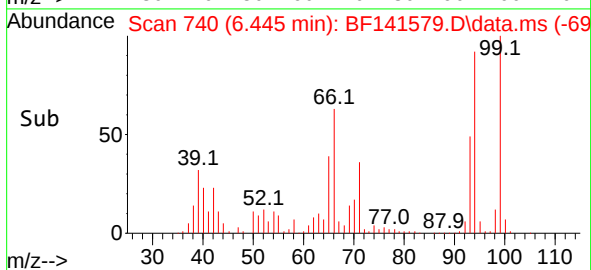
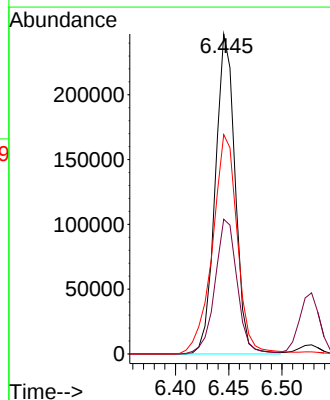
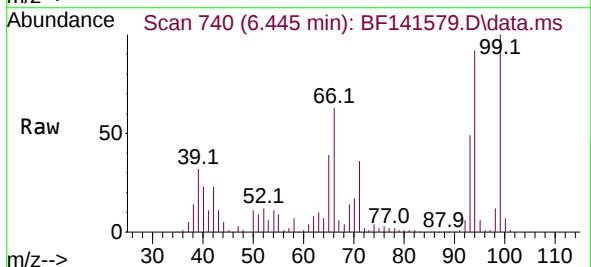
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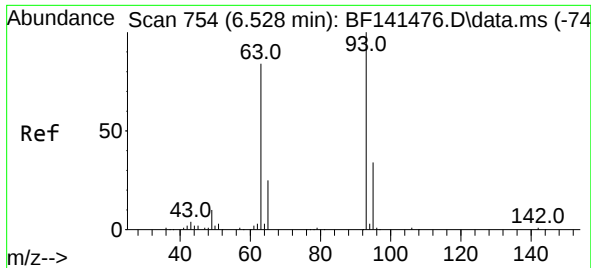
Reviewed By :Anahy Claudio 02/13/2025
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#10
Phenol
Concen: 42.847 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion: 94 Resp: 319137
Ion Ratio Lower Upper
94 100
65 42.1 23.7 63.7
66 68.5 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 43.493 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

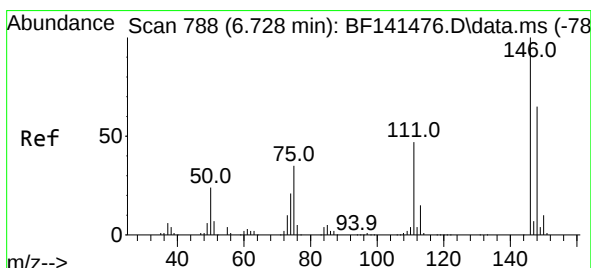
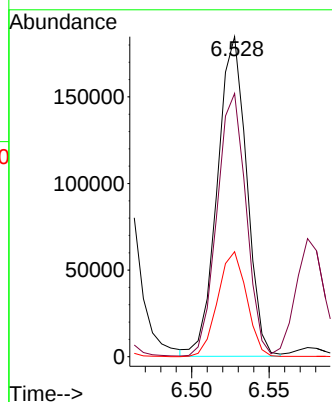
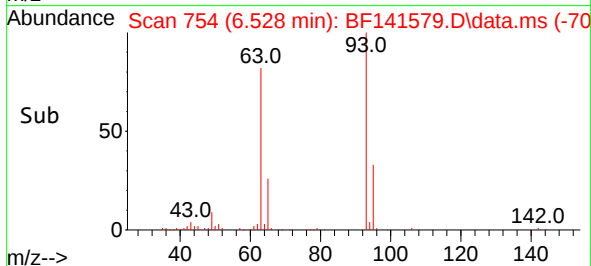
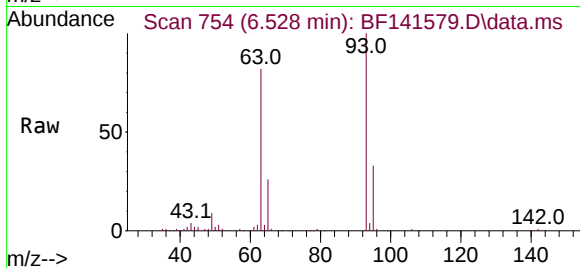
ClientSampleId :

PB166665BS

Tgt Ion: 93 Resp: 243324
Ion Ratio Lower Upper
93 100
63 82.2 62.0 102.0
95 32.8 12.6 52.6

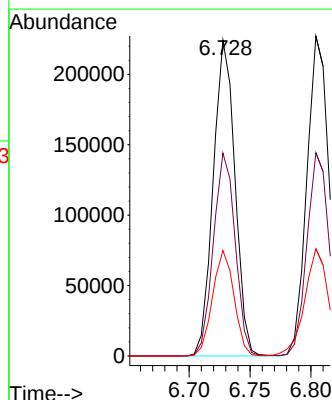
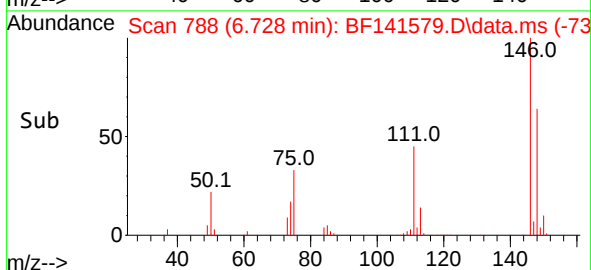
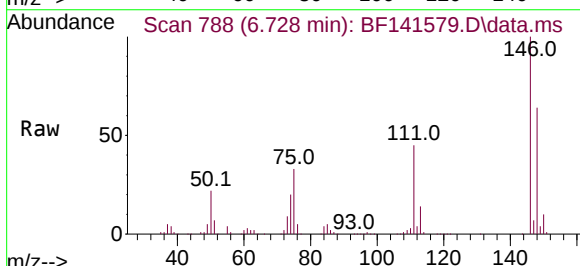
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#12
1,3-Dichlorobenzene
Concen: 43.200 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:146 Resp: 279025
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 33.4 28.2 42.2





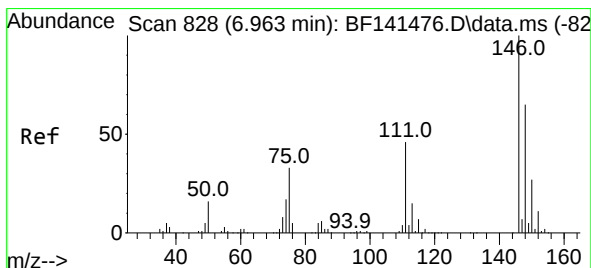
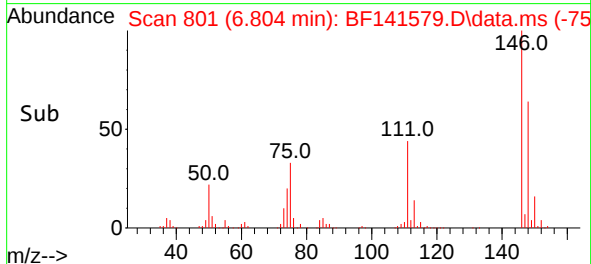
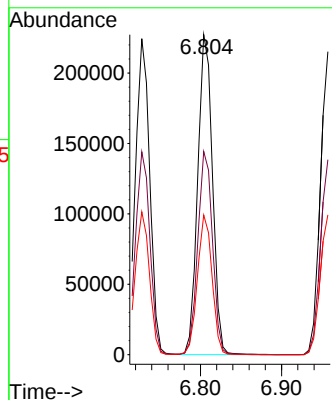
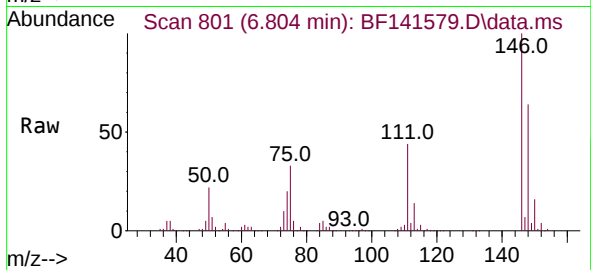
#13
1,4-Dichlorobenzene
Concen: 43.561 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB166665BS

Tgt Ion:146 Resp: 287469
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 43.6 35.9 53.9

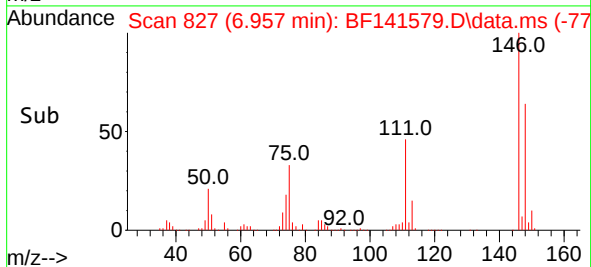
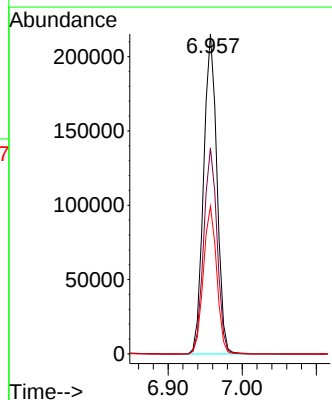
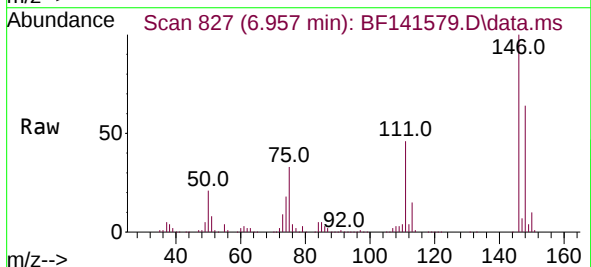
Manual Integrations
APPROVED

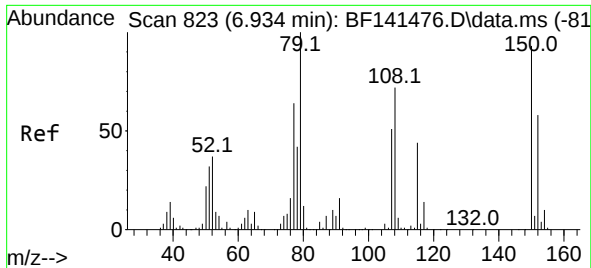
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#14
1,2-Dichlorobenzene
Concen: 44.049 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

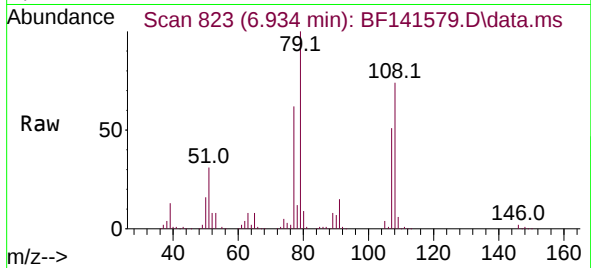
Tgt Ion:146 Resp: 269790
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 46.1 37.0 55.4





#15
Benzyl Alcohol
Concen: 43.221 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

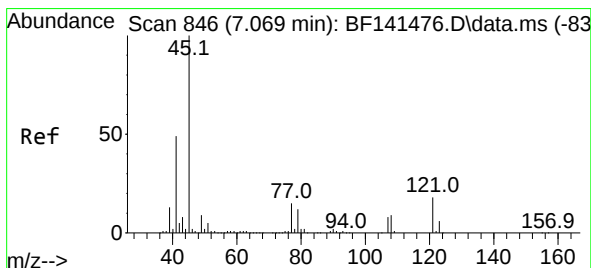
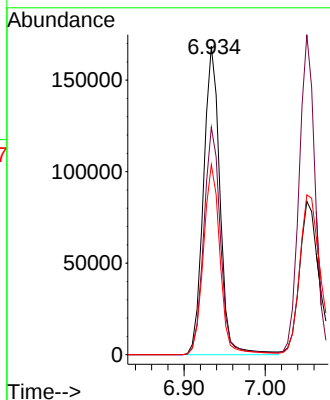
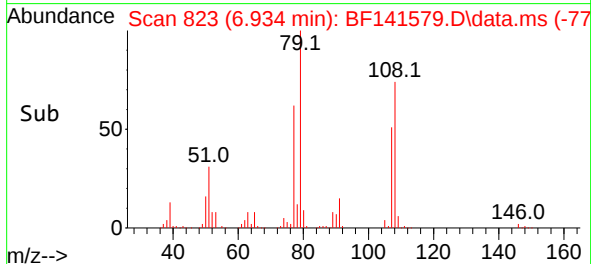
Instrument :
BNA_F
ClientSampleId :
PB166665BS



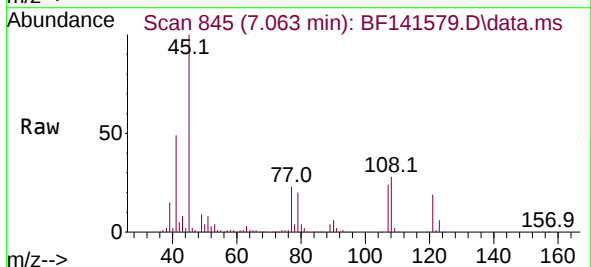
Tgt Ion: 79 Resp: 23718
Ion Ratio Lower Upper
79 100
108 73.7 57.4 86.2
77 61.6 50.9 76.3

Manual Integrations
APPROVED

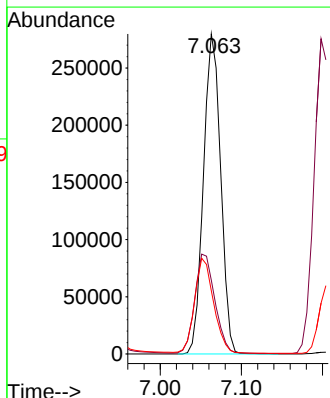
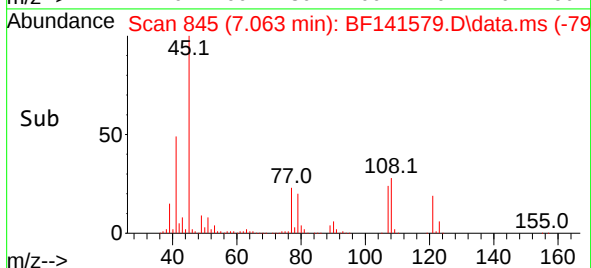
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.938 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion: 45 Resp: 411212
Ion Ratio Lower Upper
45 100
77 23.0 0.0 35.8
79 19.7 0.0 32.7





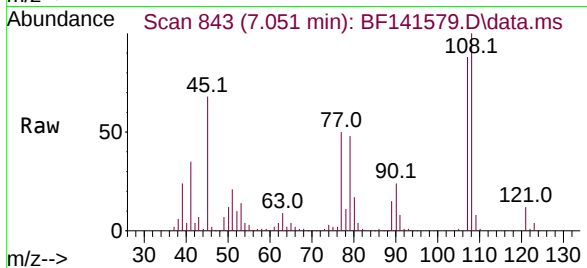
#17
2-Methylphenol
Concen: 44.057 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

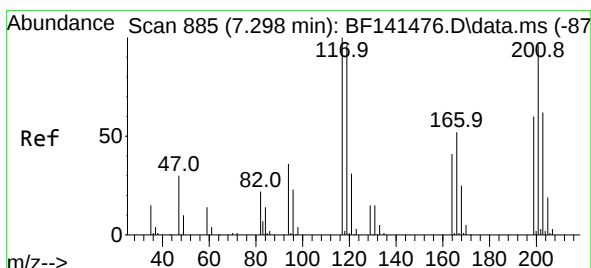
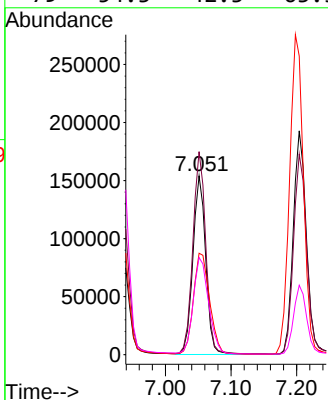
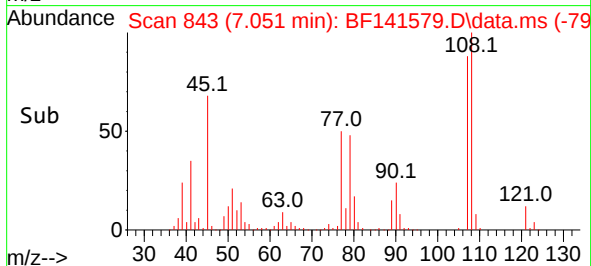


Tgt Ion:107 Resp: 21093
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 56.7 44.4 66.6
79 54.3 42.3 63.5

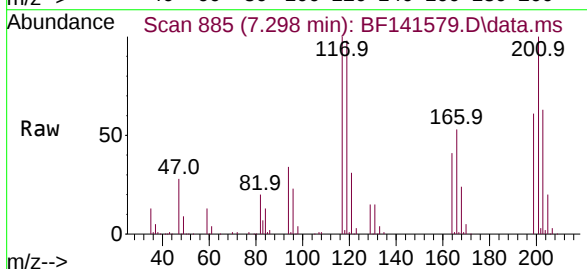
Manual Integrations

APPROVED

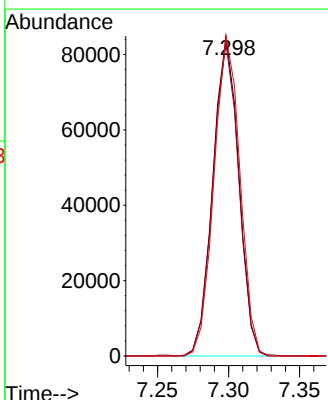
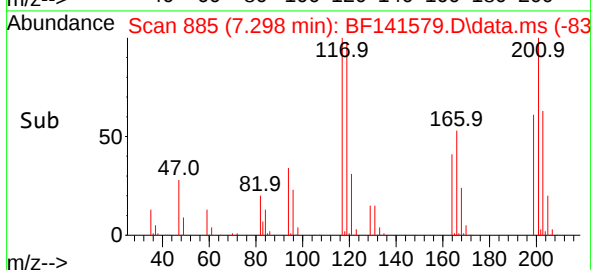
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#18
Hexachloroethane
Concen: 43.831 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:117 Resp: 107047
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
201 100.2 76.7 115.1





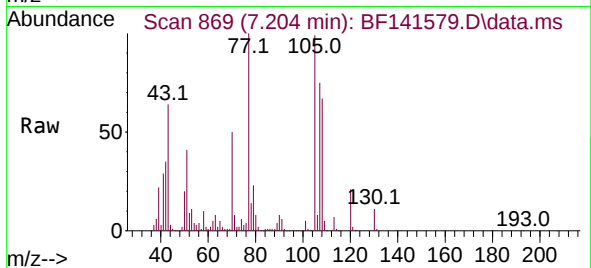
#19
n-Nitroso-di-n-propylamine
Concen: 43.882 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

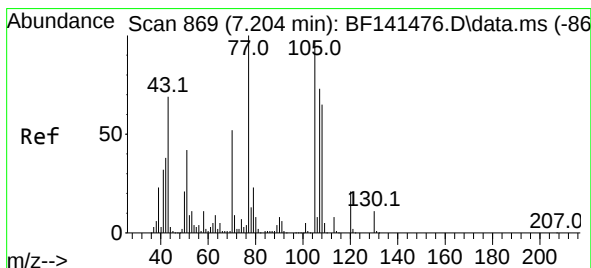
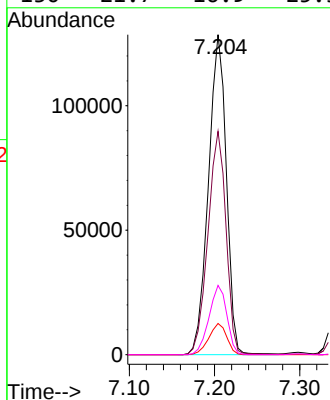
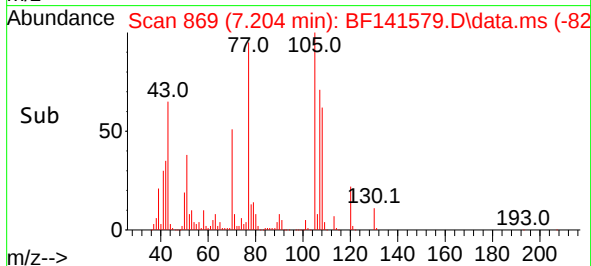
PB166665BS



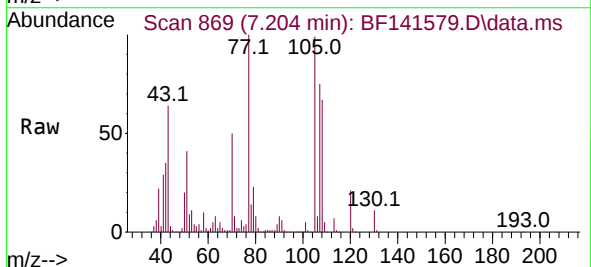
Tgt Ion: 70 Resp: 187849
Ion Ratio Lower Upper
70 100
42 69.8 57.4 86.2
101 9.7 8.0 12.0
130 21.7 16.9 25.3

Manual Integrations
APPROVED

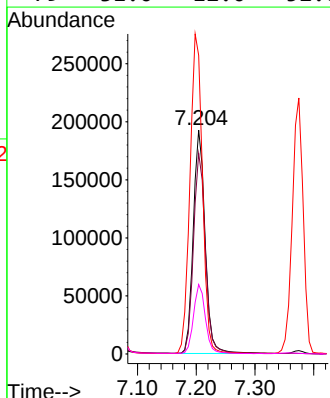
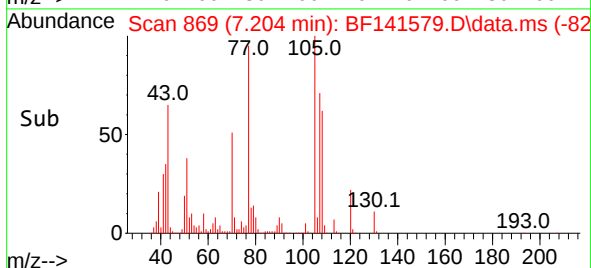
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#20
3+4-Methylphenols
Concen: 44.345 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:107 Resp: 269820
Ion Ratio Lower Upper
107 100
108 89.7 68.5 108.5
77 133.4 116.5 156.5
79 31.0 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

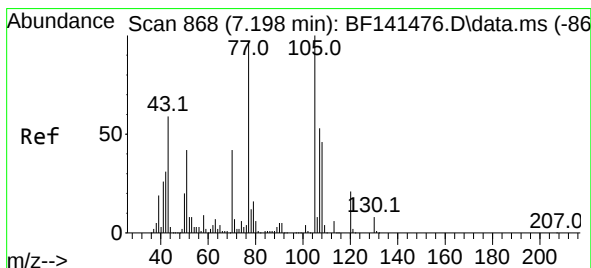
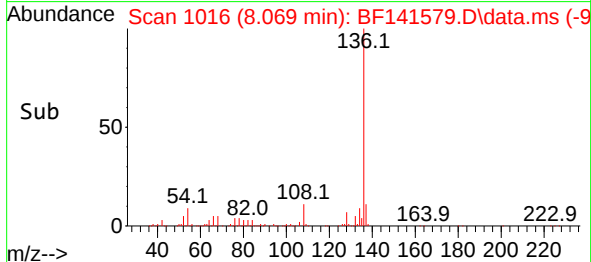
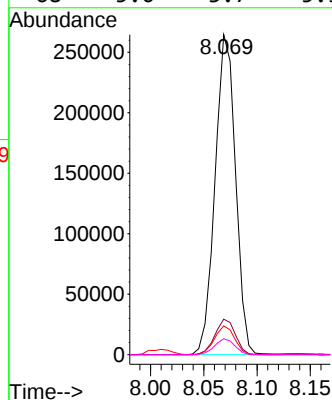
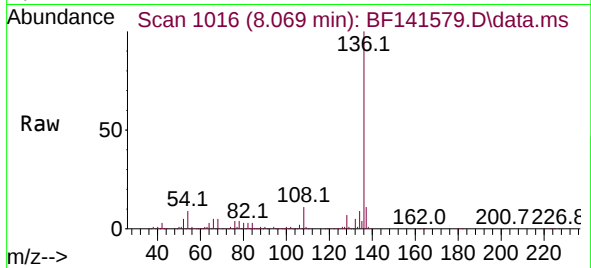
PB166665BS

Tgt Ion:136 Resp: 353449
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.2 10.8
68 5.0 3.7 5.5

Manual Integrations

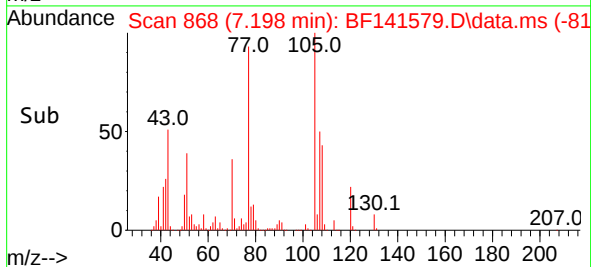
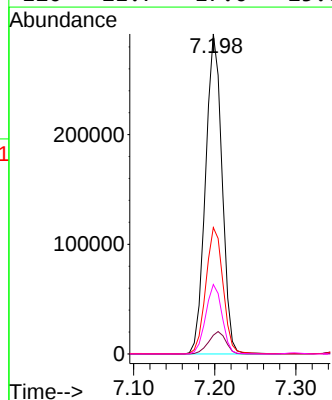
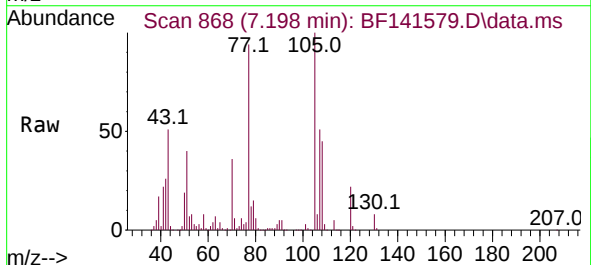
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#22
Acetophenone
Concen: 46.826 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:105 Resp: 411703
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 39.5 33.7 50.5
120 21.7 17.0 25.6





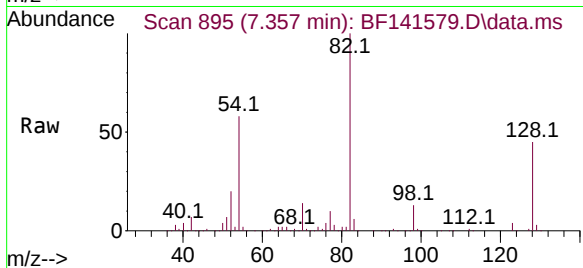
#23
Nitrobenzene-d5
Concen: 91.718 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

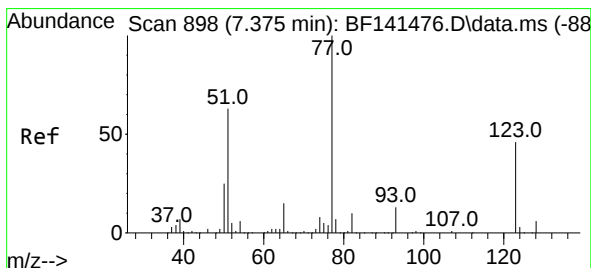
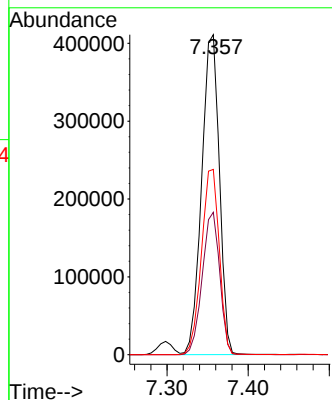
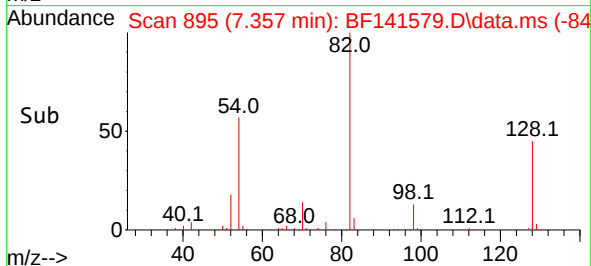
PB166665BS



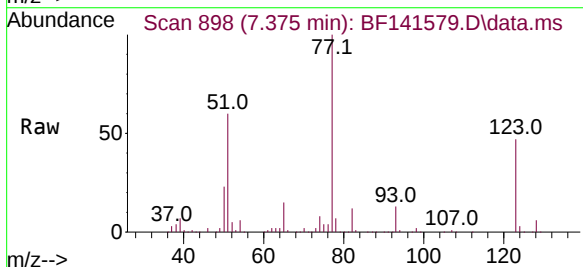
Tgt Ion: 82 Resp: 62152
Ion Ratio Lower Upper
82 100
128 44.5 34.8 52.2
54 57.9 48.2 72.4

Manual Integrations
APPROVED

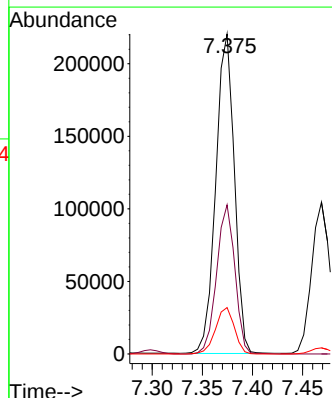
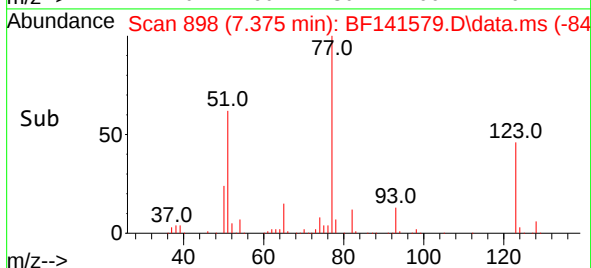
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

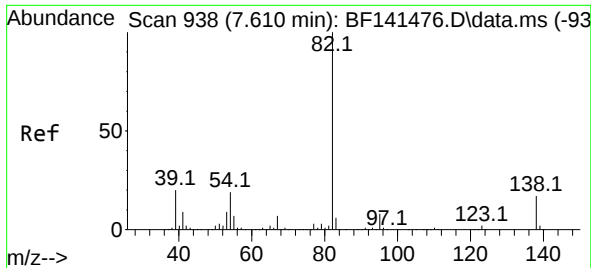


#24
Nitrobenzene
Concen: 42.860 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



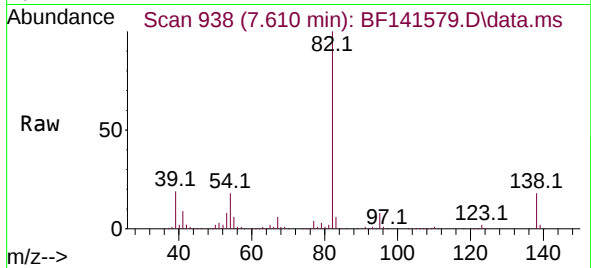
Tgt Ion: 77 Resp: 283216
Ion Ratio Lower Upper
77 100
123 46.6 36.9 55.3
65 14.5 11.9 17.9





#25
Isophorone
Concen: 46.675 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

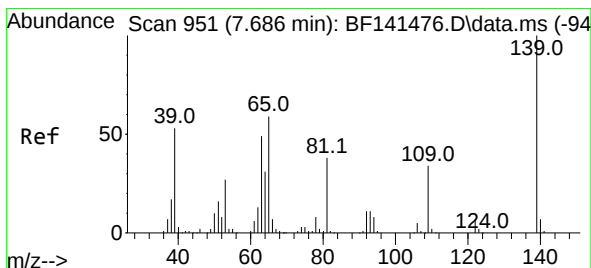
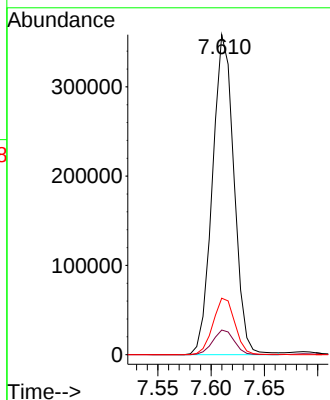
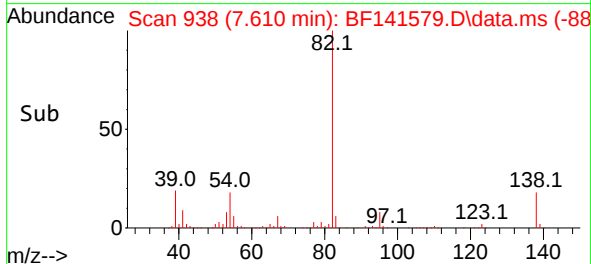
Instrument :
BNA_F
ClientSampleId :
PB166665BS



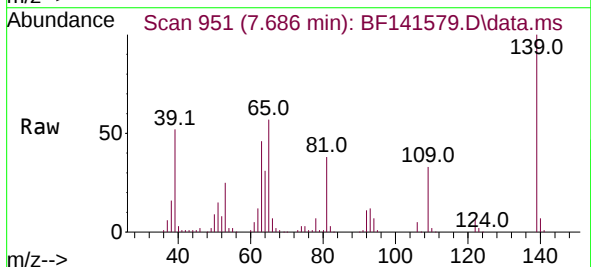
Tgt Ion: 82 Resp: 504319
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.6 13.9 20.9

Manual Integrations
APPROVED

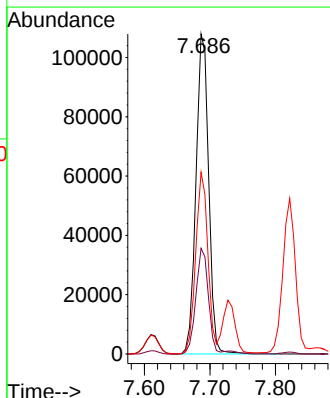
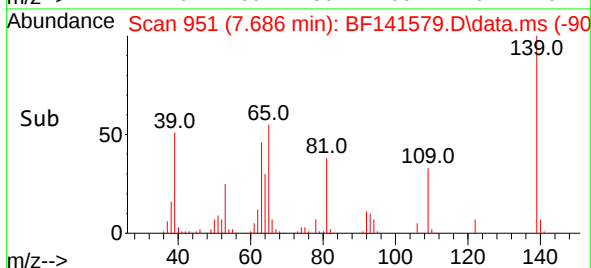
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#26
2-Nitrophenol
Concen: 44.309 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:139 Resp: 145668
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 56.8 47.1 70.7





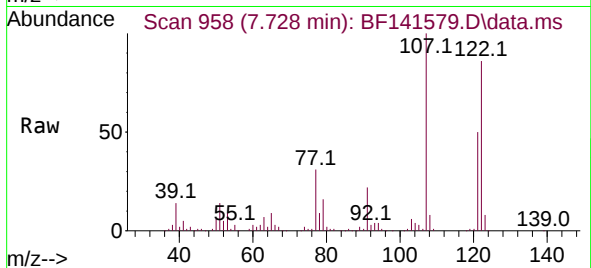
#27
2,4-Dimethylphenol
Concen: 56.489 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

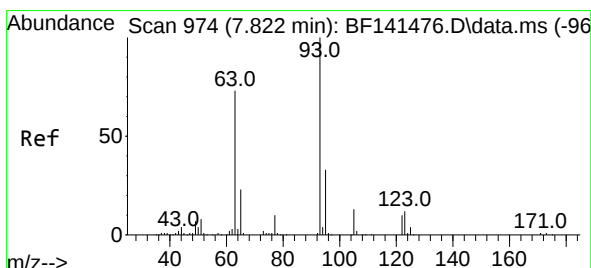
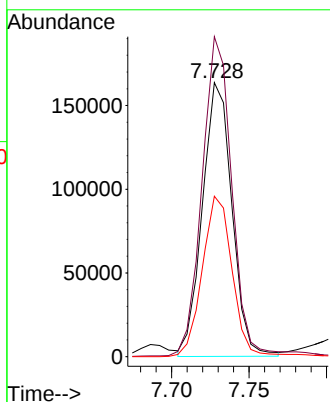
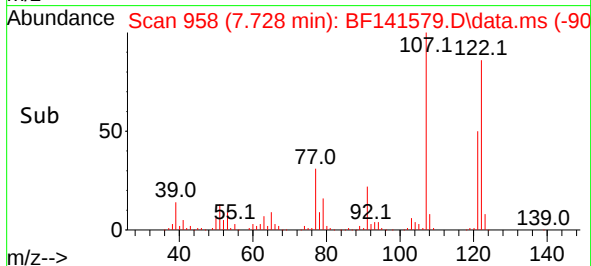


Tgt Ion:122 Resp: 216949
Ion Ratio Lower Upper
122 100
107 116.7 94.3 141.5
121 58.6 46.0 69.0

Manual Integrations

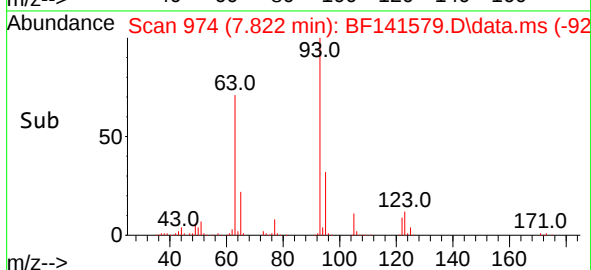
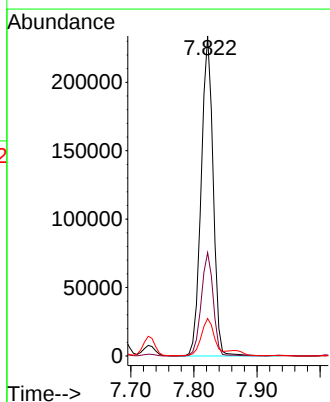
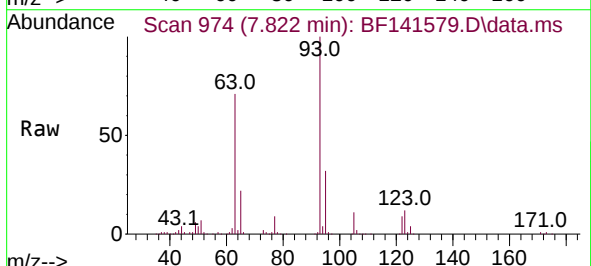
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.509 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion: 93 Resp: 308165
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.675 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

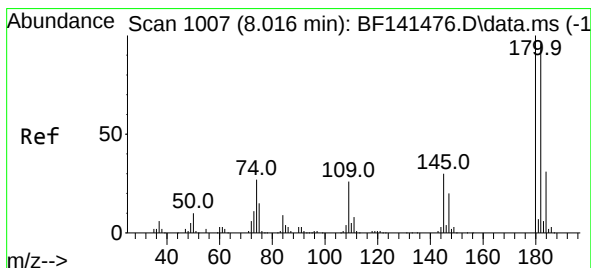
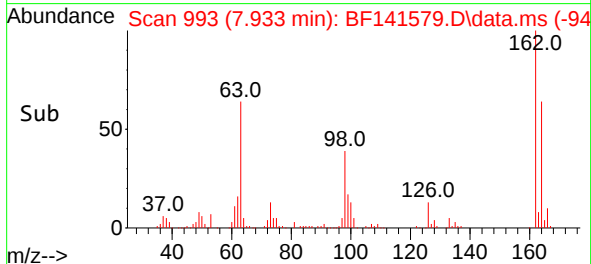
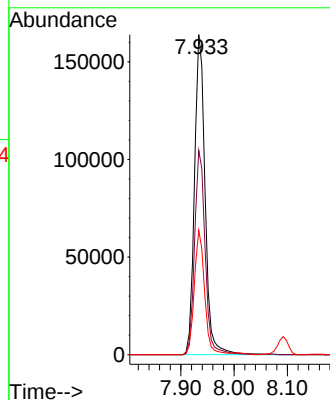
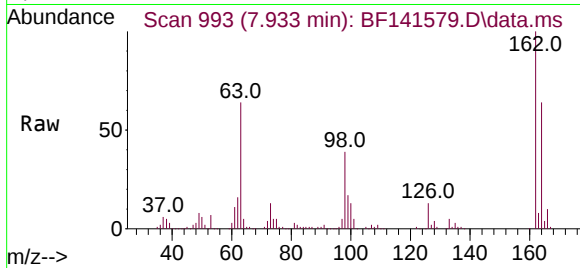
PB166665BS

Tgt Ion:162 Resp: 226634
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.6 84.6
 98 38.9 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.987 ng

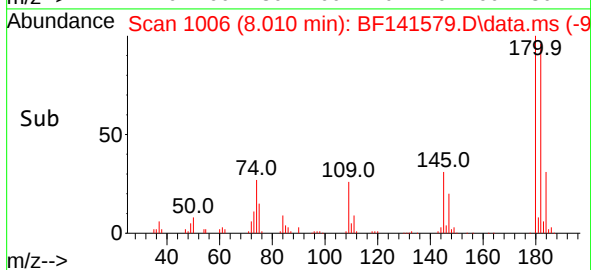
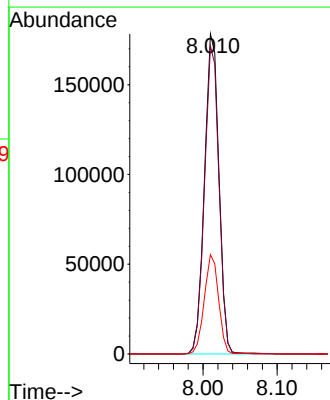
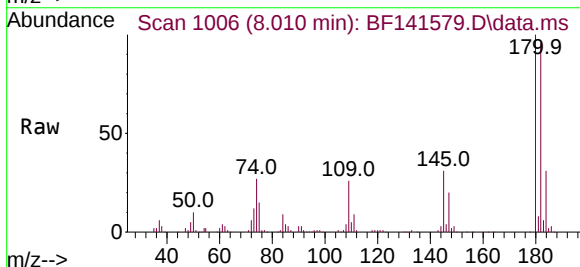
RT: 8.010 min Scan# 1006

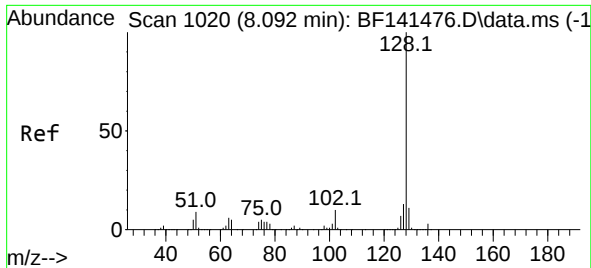
Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Tgt Ion:180 Resp: 242910
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.8 115.2
 145 31.0 24.2 36.4





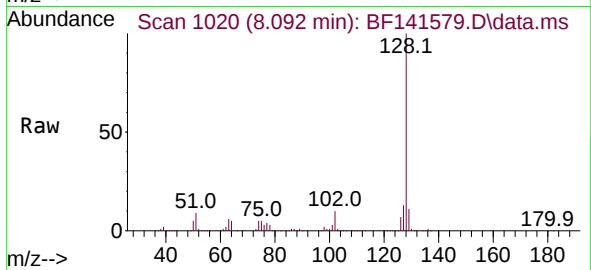
#31
Naphthalene
Concen: 42.206 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

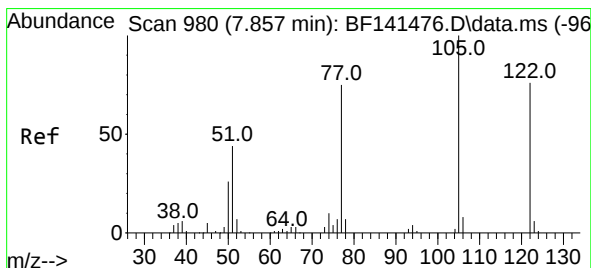
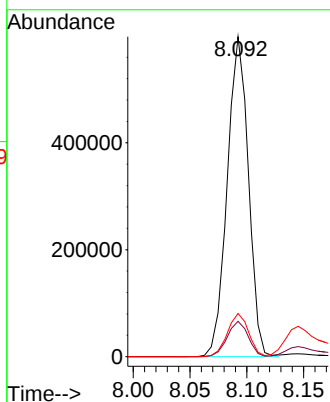
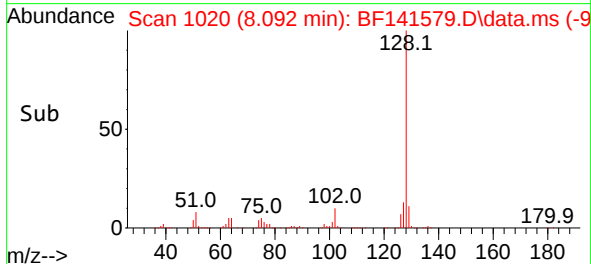


Tgt Ion:128 Resp: 776529
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

Manual Integrations

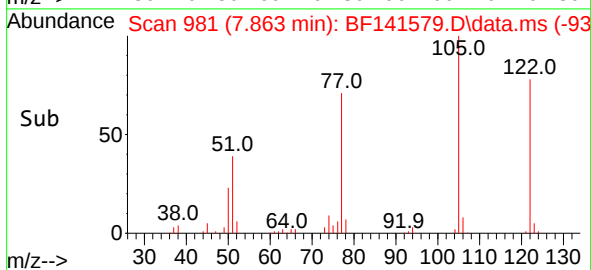
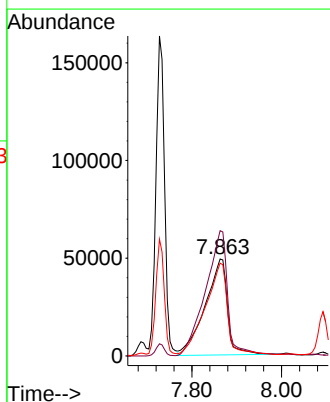
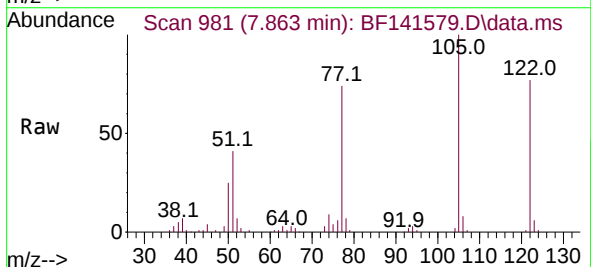
APPROVED

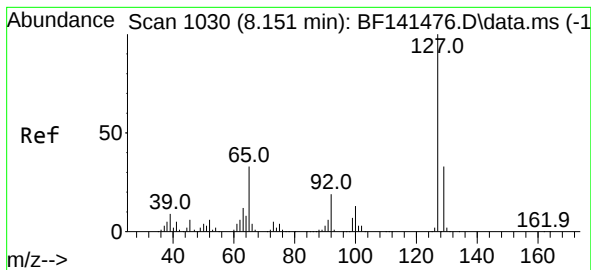
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#32
Benzoic acid
Concen: 42.696 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:122 Resp: 170324
Ion Ratio Lower Upper
122 100
105 129.2 106.5 146.5
77 95.7 76.3 116.3





#33
4-Chloroaniline
Concen: 20.895 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

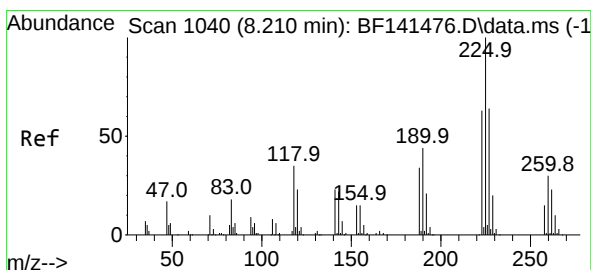
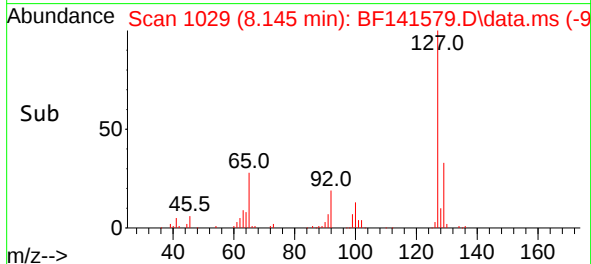
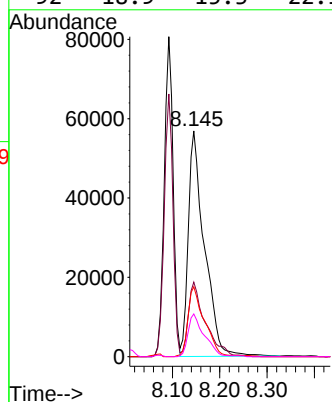
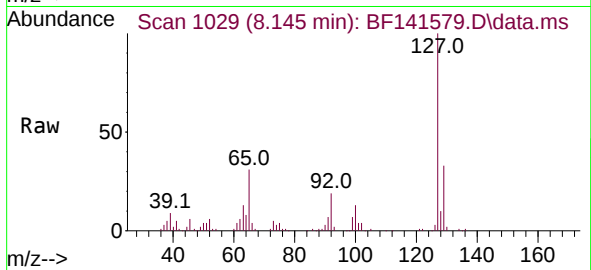
PB166665BS

Tgt Ion:127 Resp: 134218
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 31.0 26.4 39.6
92 18.9 15.3 22.9

Manual Integrations

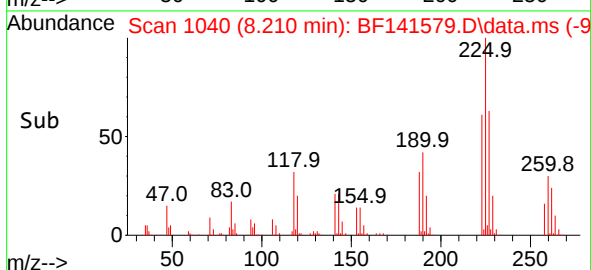
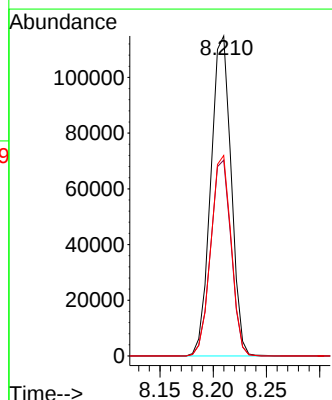
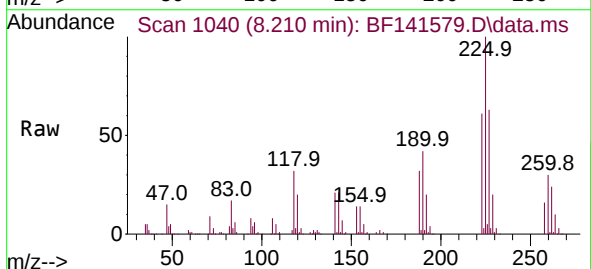
APPROVED

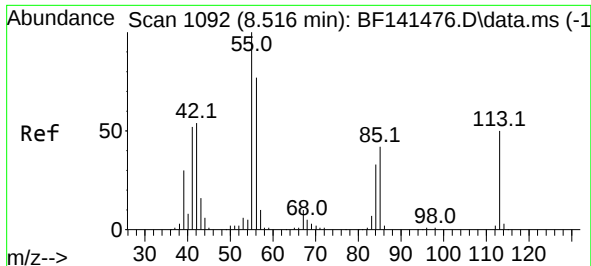
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#34
Hexachlorobutadiene
Concen: 44.957 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

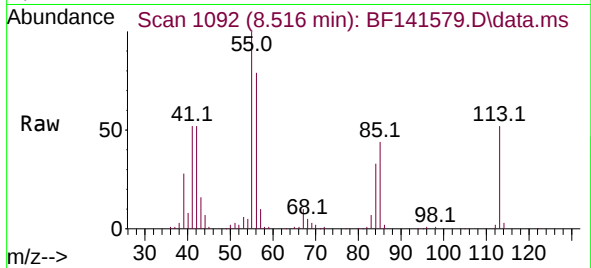
Tgt Ion:225 Resp: 152513
Ion Ratio Lower Upper
225 100
223 61.2 50.1 75.1
227 62.6 51.0 76.6





#35
 Caprolactam
 Concen: 50.930 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141579.D
 Acq: 12 Feb 2025 10:25

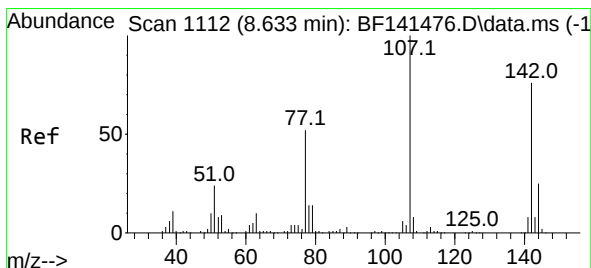
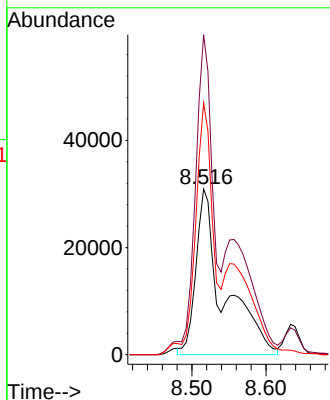
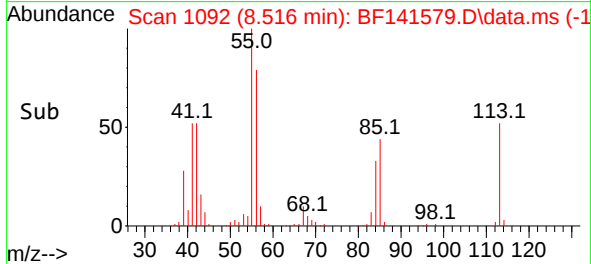
Instrument :
 BNA_F
 ClientSampleId :
 PB166665BS



Tgt Ion:113 Resp: 80460
 Ion Ratio Lower Upper
 113 100
 55 193.0 180.8 220.8
 56 151.9 133.6 173.6

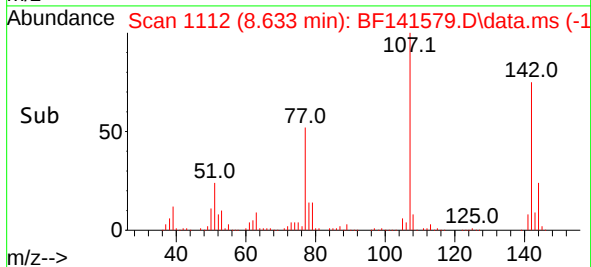
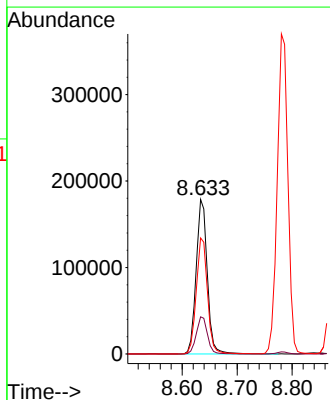
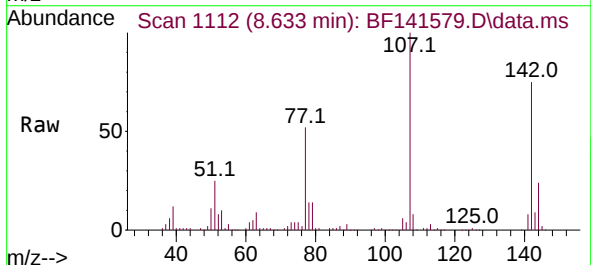
Manual Integrations
 APPROVED

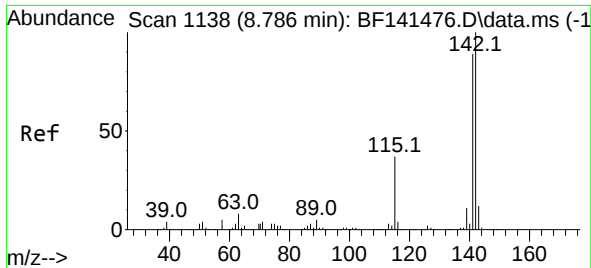
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#36
 4-Chloro-3-methylphenol
 Concen: 43.809 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141579.D
 Acq: 12 Feb 2025 10:25

Tgt Ion:107 Resp: 251820
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.7 29.5
 142 75.1 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.663 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

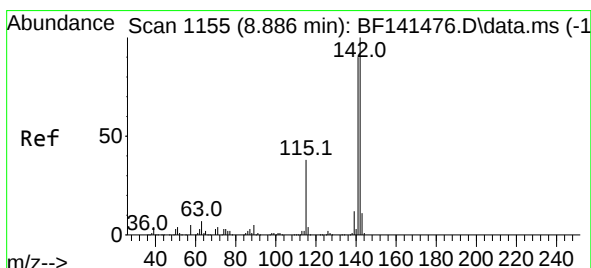
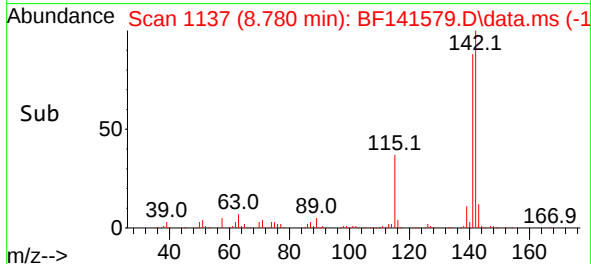
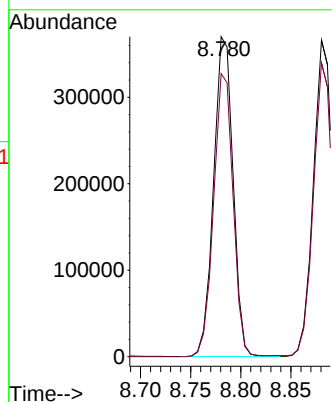
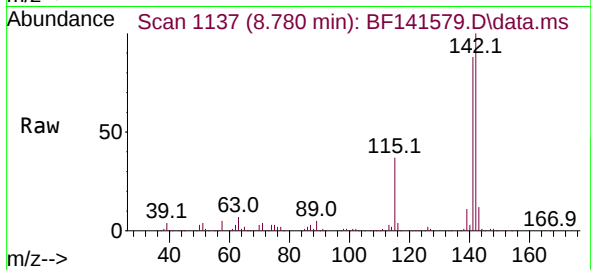
PB166665BS

Tgt Ion:142 Resp: 498810
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8

Manual Integrations

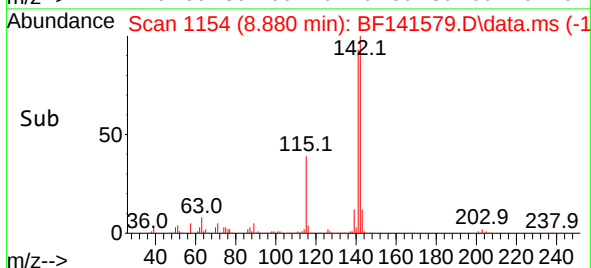
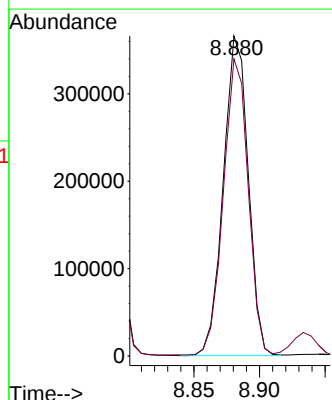
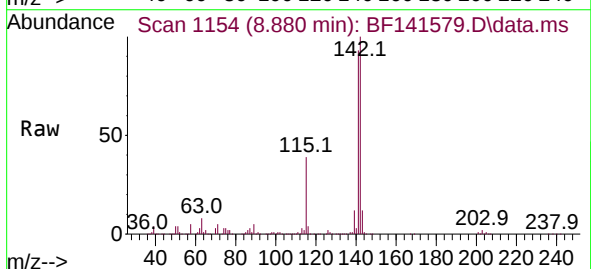
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#38
1-Methylnaphthalene
Concen: 41.687 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:142 Resp: 483389
Ion Ratio Lower Upper
142 100
141 92.8 72.1 108.1





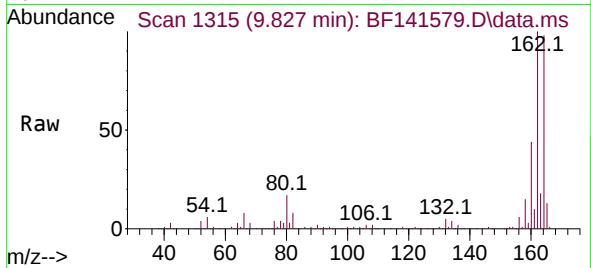
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

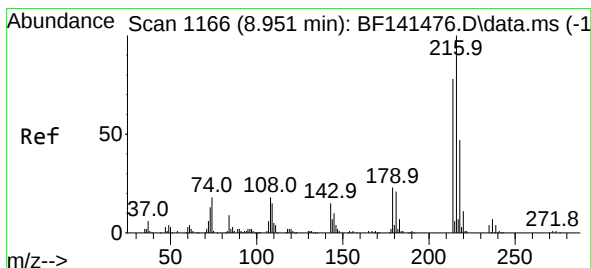
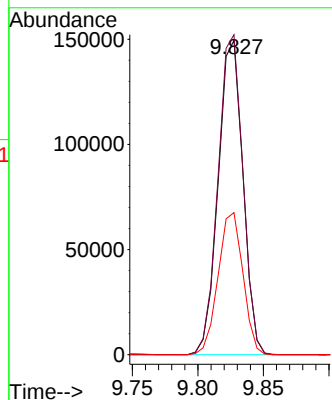
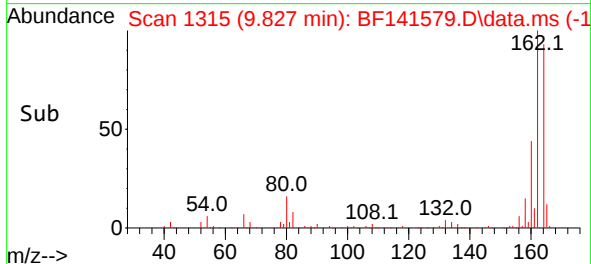


Tgt Ion:164 Resp: 195436
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.2 35.9 53.9

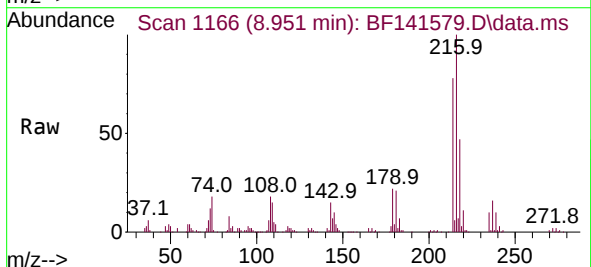
Manual Integrations

APPROVED

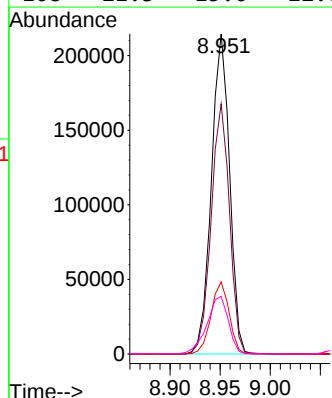
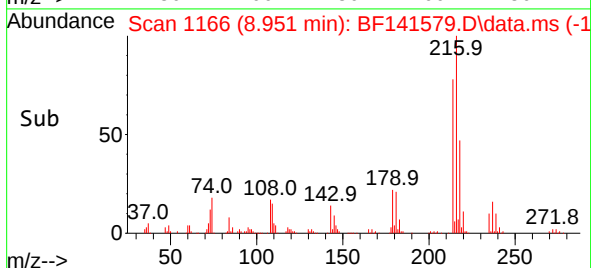
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

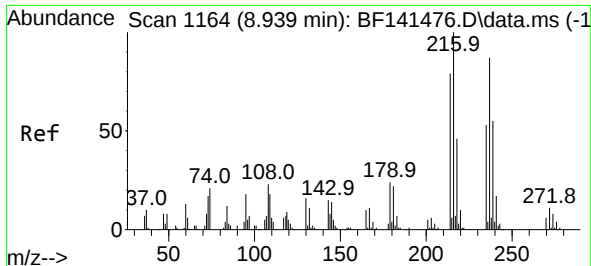


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.910 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:216 Resp: 270893
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 22.4 18.0 27.0
108 21.3 15.0 22.6





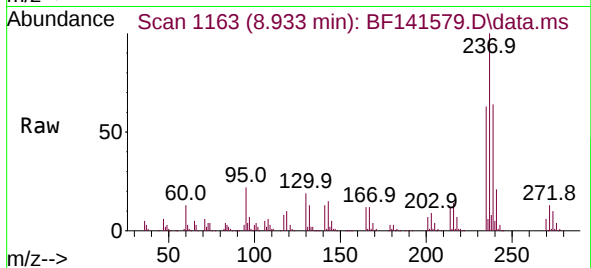
#41
Hexachlorocyclopentadiene
Concen: 148.698 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

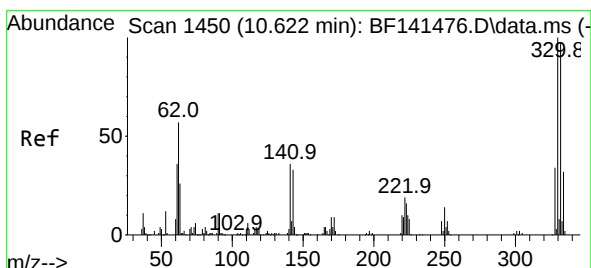
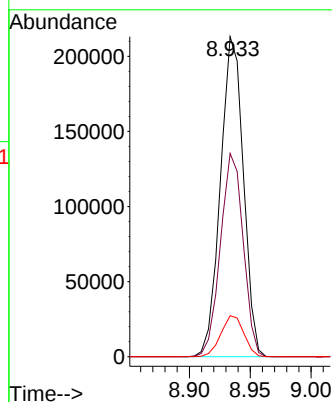
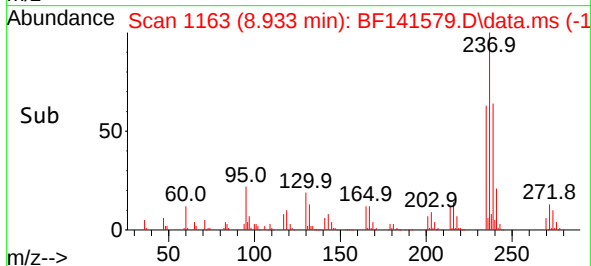


Tgt Ion:237 Resp: 279640
Ion Ratio Lower Upper
237 100
235 63.5 41.4 81.4
272 12.8 0.0 32.4

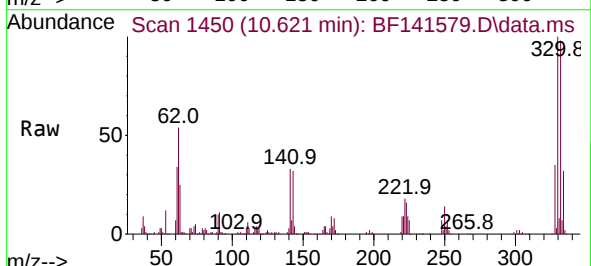
Manual Integrations

APPROVED

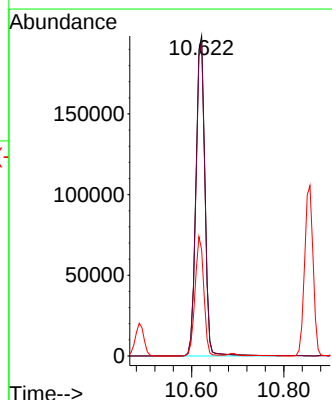
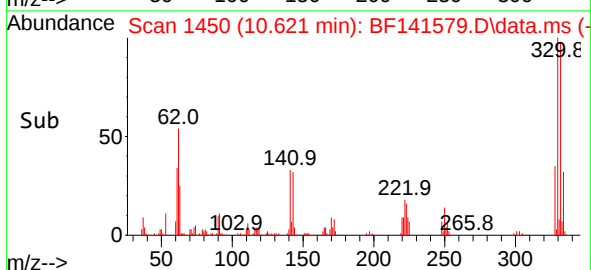
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

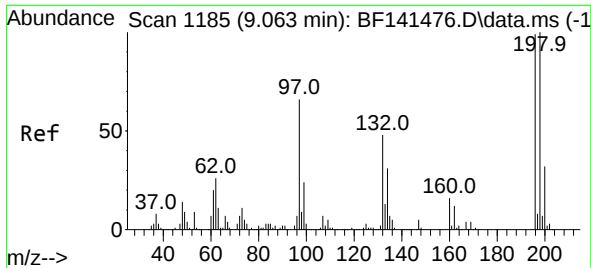


#42
2,4,6-Tribromophenol
Concen: 136.380 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



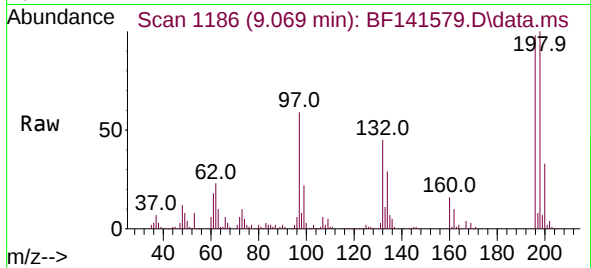
Tgt Ion:330 Resp: 267748
Ion Ratio Lower Upper
330 100
332 97.6 78.5 117.7
141 36.4 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.488 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

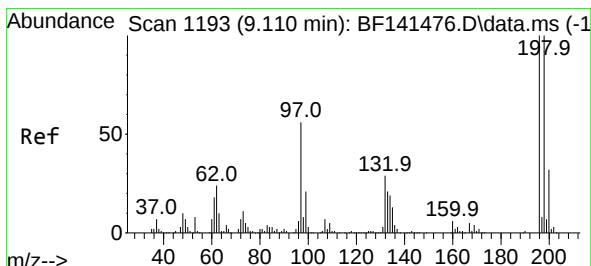
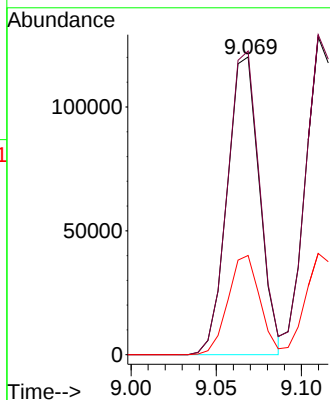
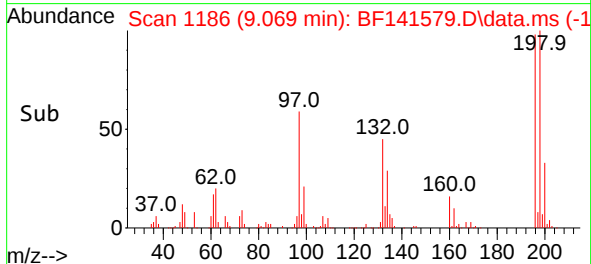
Instrument :
BNA_F
ClientSampleId :
PB166665BS



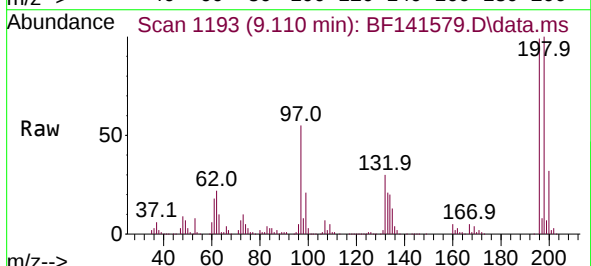
Tgt Ion:196 Resp: 158924
Ion Ratio Lower Upper
196 100
198 102.0 80.6 121.0
200 33.3 25.5 38.3

Manual Integrations
APPROVED

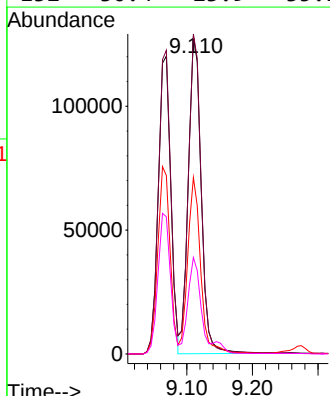
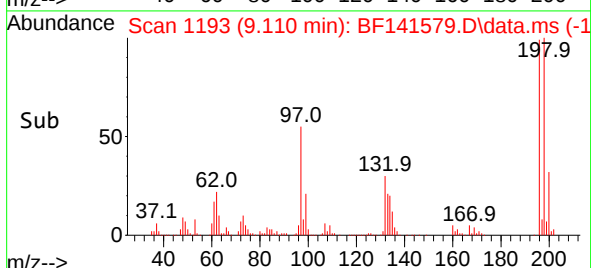
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#44
2,4,5-Trichlorophenol
Concen: 44.090 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:196 Resp: 174620
Ion Ratio Lower Upper
196 100
198 100.7 79.8 119.8
97 55.6 44.8 67.2
132 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 93.666 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141579.D

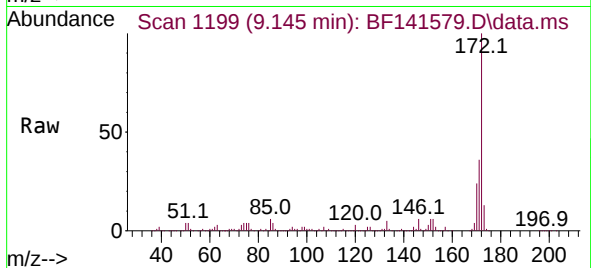
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS



Tgt Ion:172 Resp: 118818

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

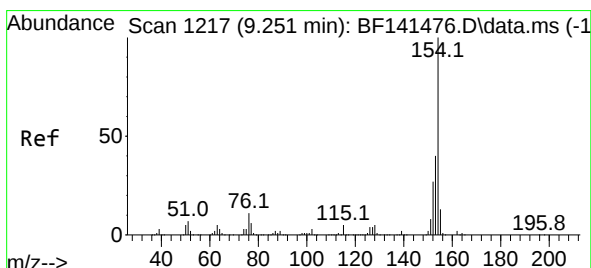
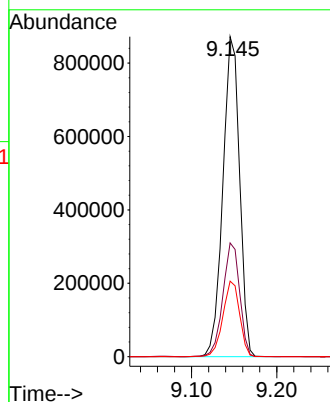
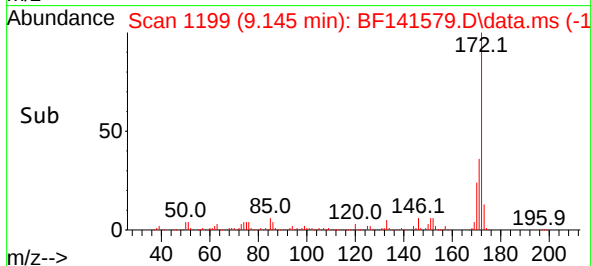
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#46

1,1'-Biphenyl

Concen: 47.647 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

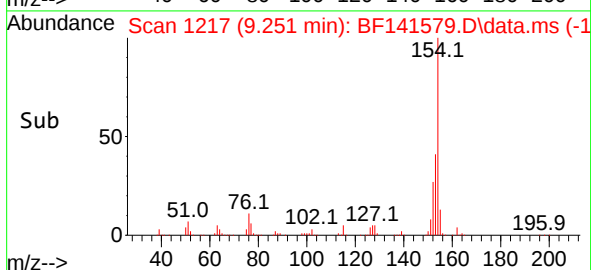
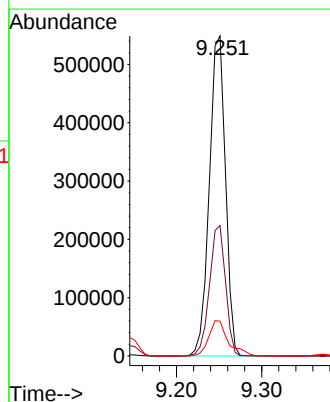
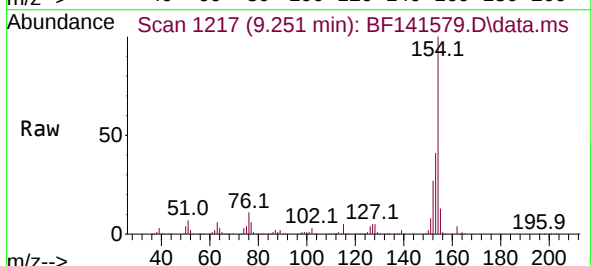
Tgt Ion:154 Resp: 721935

Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 10.9 0.0 30.8





#47
2-Chloronaphthalene
Concen: 43.857 ng
RT: 9.275 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

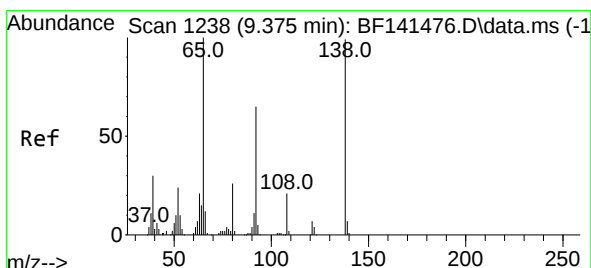
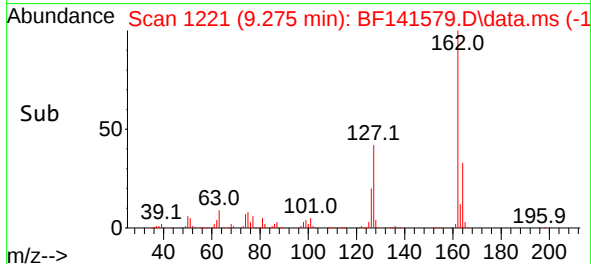
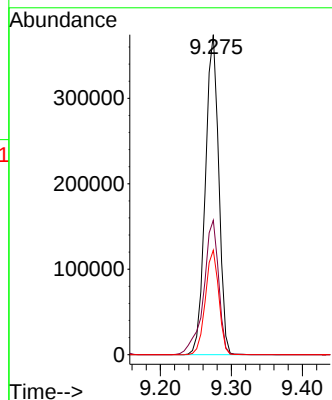
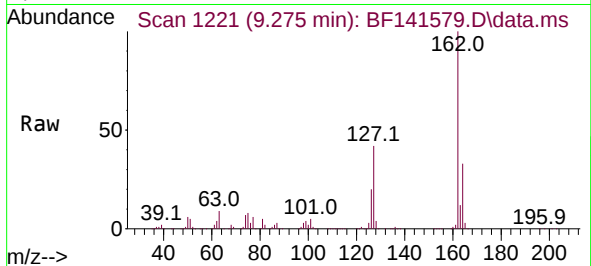
ClientSampleId :

PB166665BS

Tgt Ion:162 Resp: 49138
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 32.7 26.3 39.5

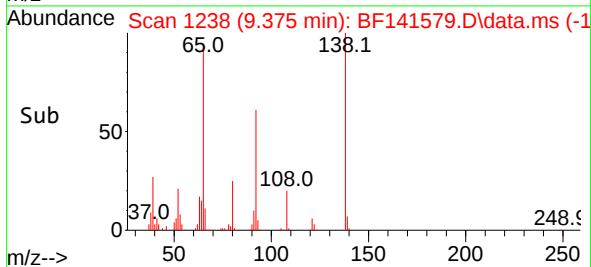
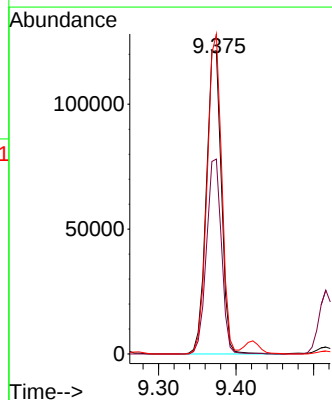
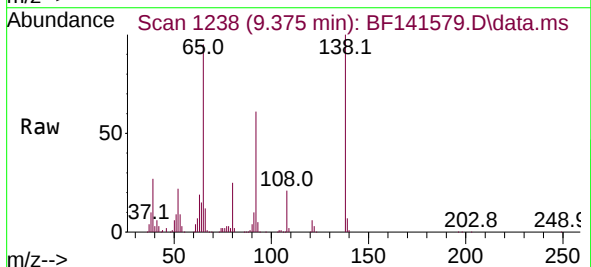
Manual Integrations
APPROVED

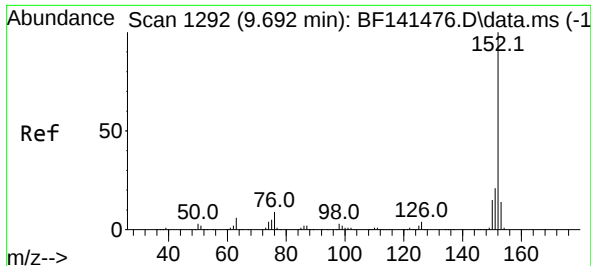
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#48
2-Nitroaniline
Concen: 43.571 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion: 65 Resp: 163834
Ion Ratio Lower Upper
65 100
92 64.3 52.2 78.2
138 105.5 79.5 119.3





#49

Acenaphthylene

Concen: 45.790 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

Tgt Ion:152 Resp: 763085

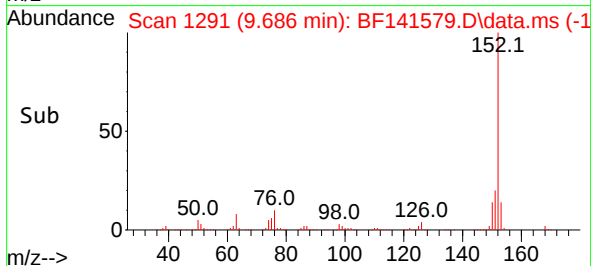
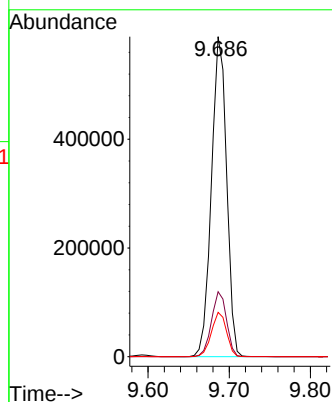
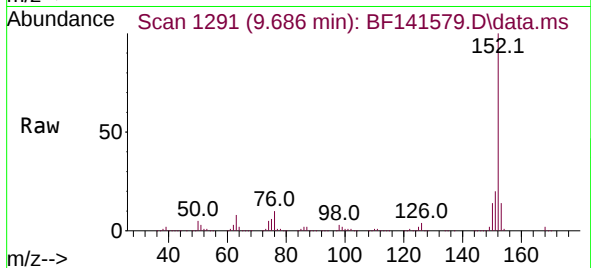
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.8	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#50

Dimethylphthalate

Concen: 44.824 ng

RT: 9.551 min Scan# 1268

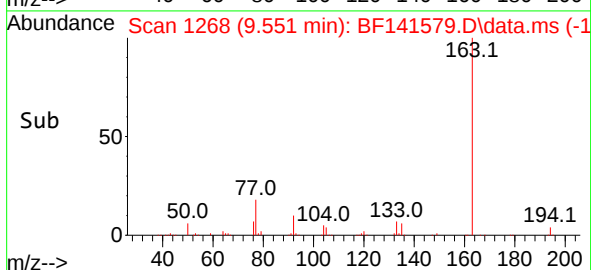
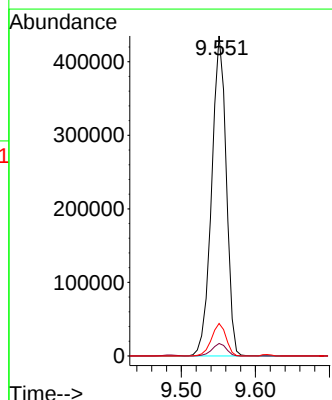
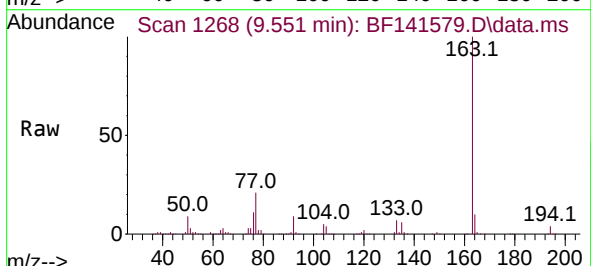
Delta R.T. -0.012 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Tgt Ion:163 Resp: 594705

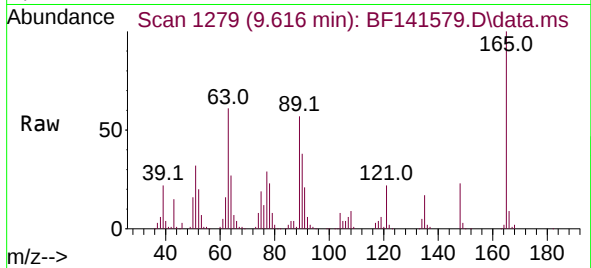
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.1	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 44.348 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

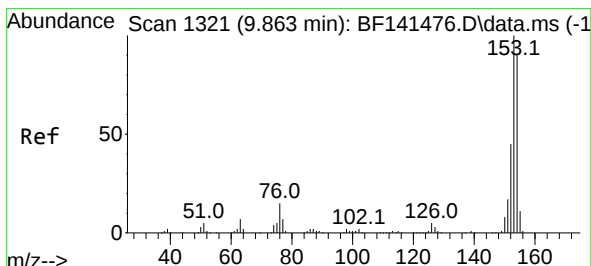
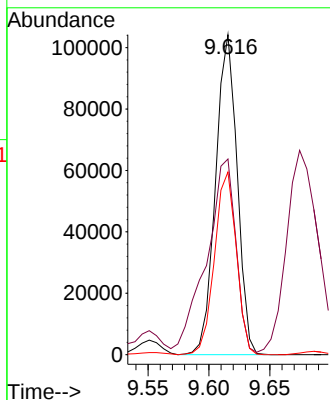
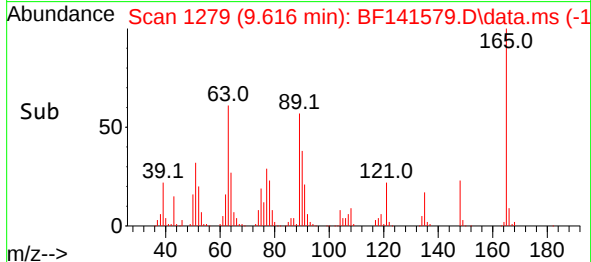
Instrument :
BNA_F
ClientSampleId :
PB166665BS



Tgt Ion:165 Resp: 128620
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.0
89 57.1 46.5 69.7

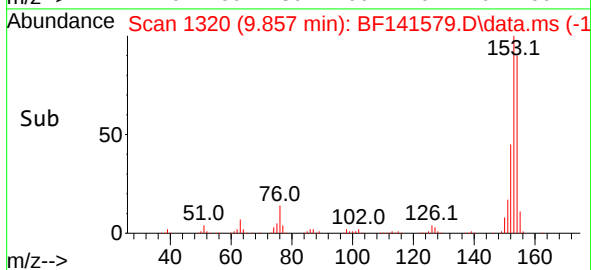
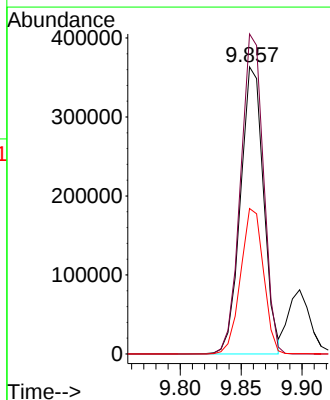
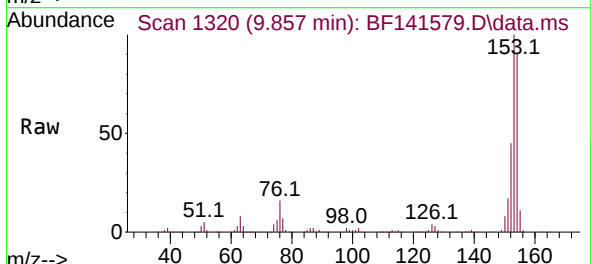
Manual Integrations
APPROVED

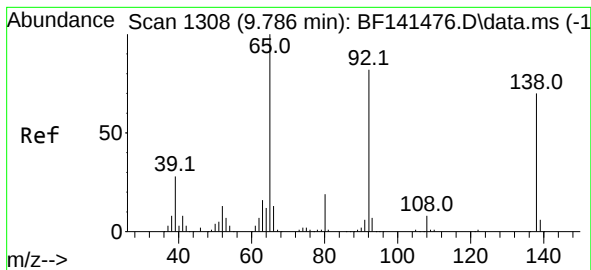
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#52
Acenaphthene
Concen: 42.799 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:154 Resp: 479512
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 50.7 39.8 59.8





#53
3-Nitroaniline
Concen: 23.514 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

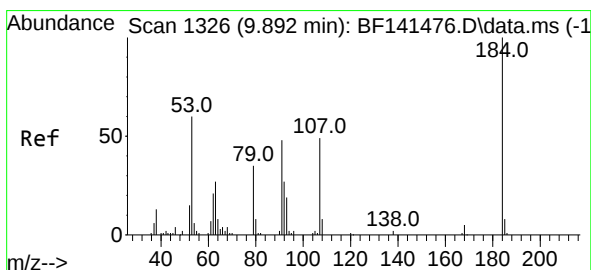
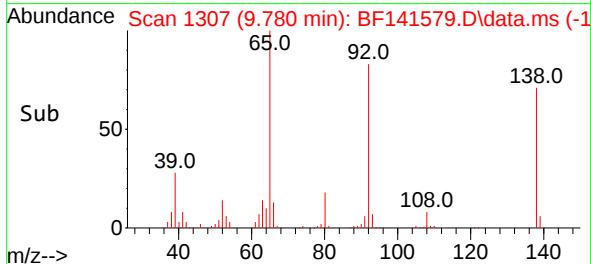
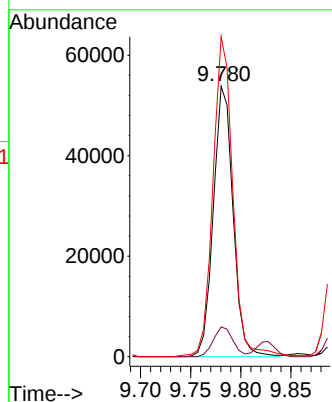
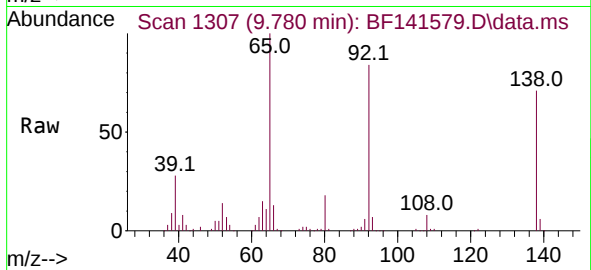
PB166665BS

Tgt Ion:138 Resp: 73404
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 118.4 93.7 140.5

Manual Integrations

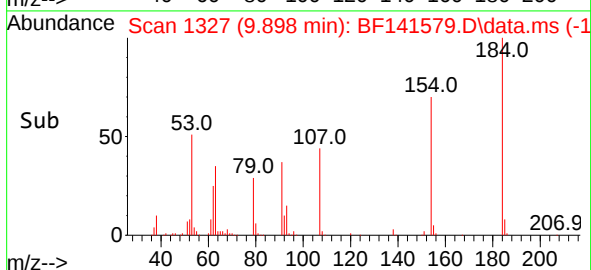
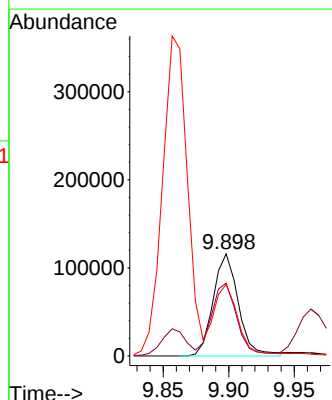
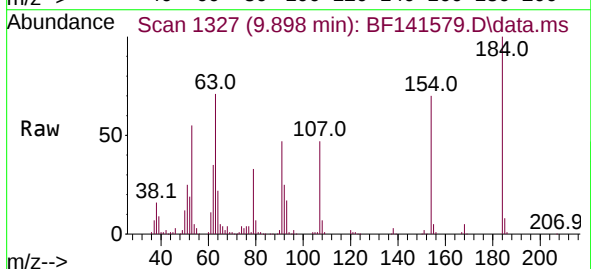
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#54
2,4-Dinitrophenol
Concen: 89.882 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:184 Resp: 154937
Ion Ratio Lower Upper
184 100
63 71.3 61.0 91.6
154 70.1 59.9 89.9





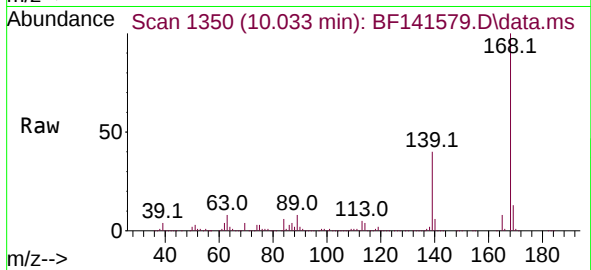
#55
Dibenzenofuran
Concen: 42.406 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

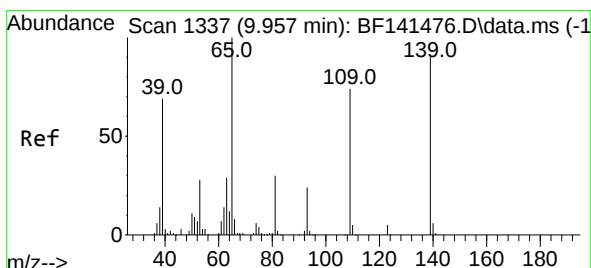
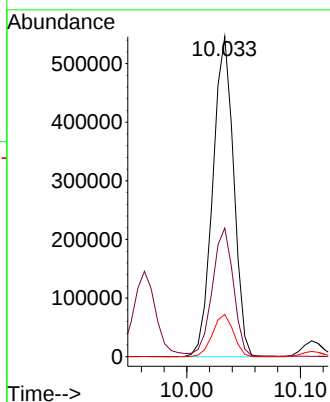
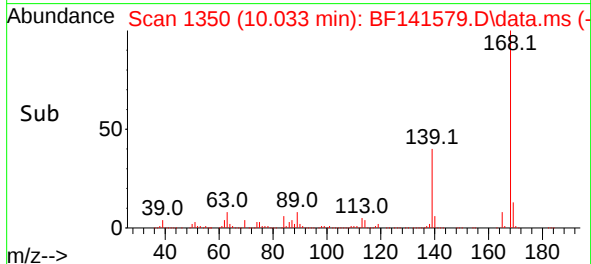


Tgt Ion:168 Resp: 69737
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 13.2 10.8 16.2

Manual Integrations

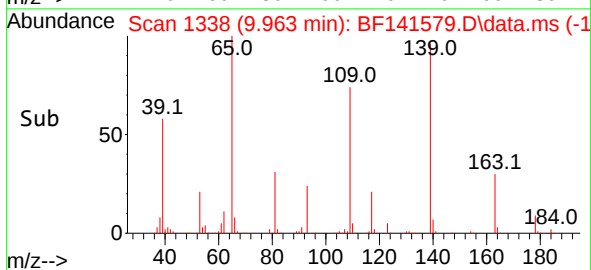
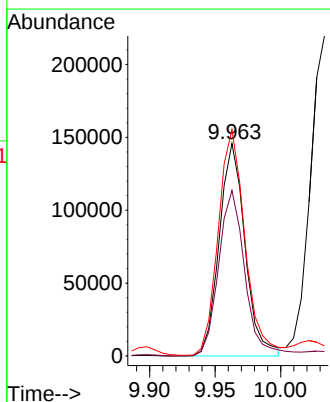
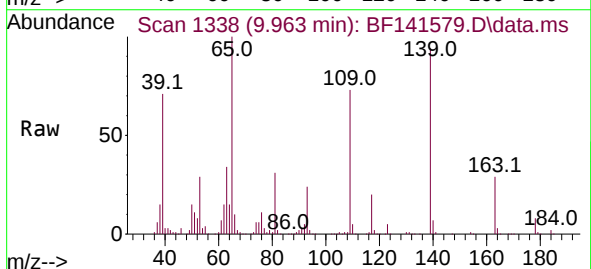
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#56
4-Nitrophenol
Concen: 86.076 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:139 Resp: 199467
Ion Ratio Lower Upper
139 100
109 77.9 62.0 102.0
65 106.6 91.2 131.2





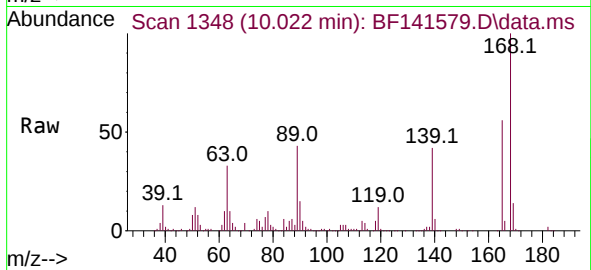
#57
2,4-Dinitrotoluene
Concen: 45.382 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

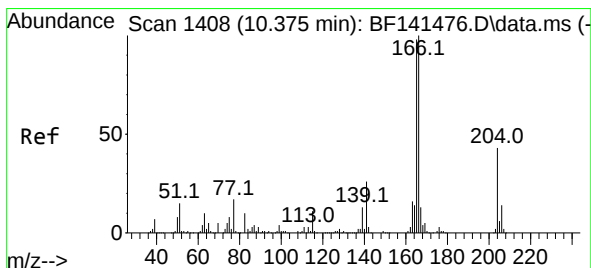
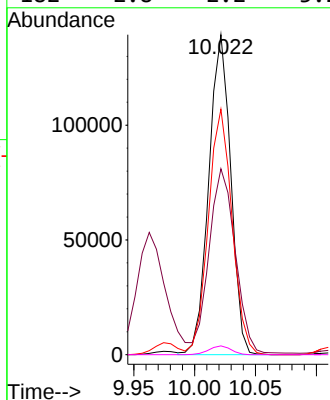
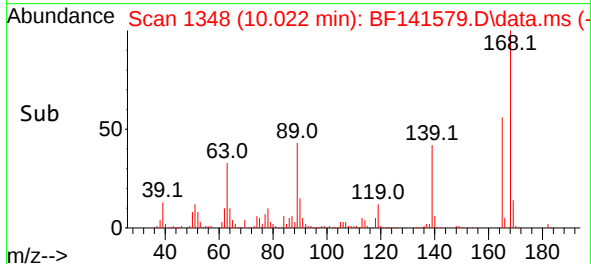


Tgt Ion:165 Resp: 175228
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 76.7 61.8 92.6
182 2.8 2.2 3.2

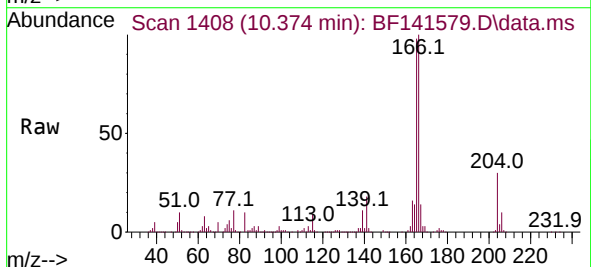
Manual Integrations

APPROVED

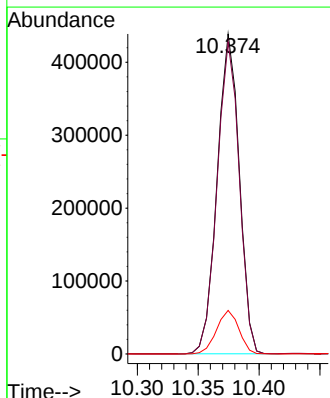
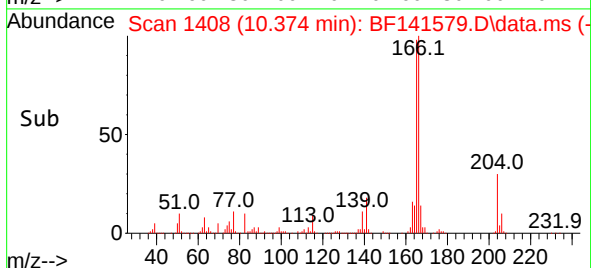
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

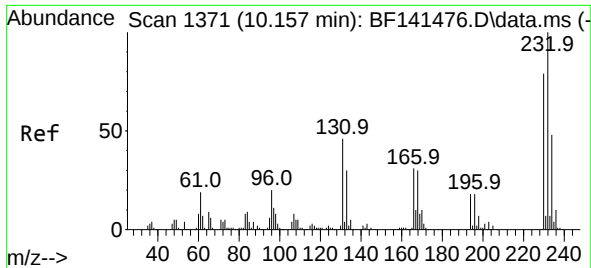


#58
Fluorene
Concen: 43.658 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



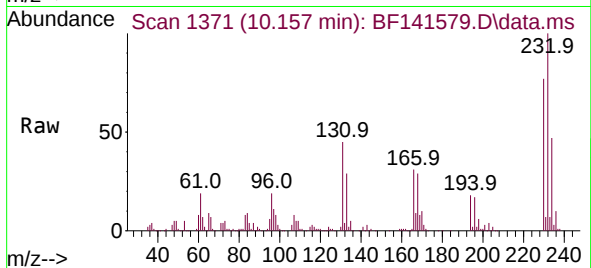
Tgt Ion:166 Resp: 555129
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.409 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

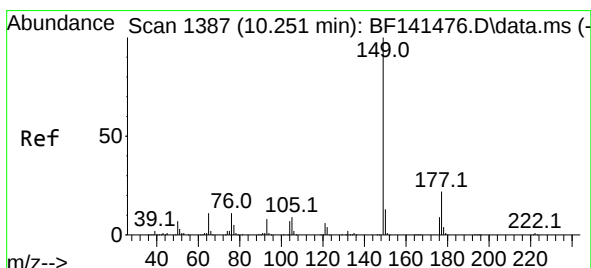
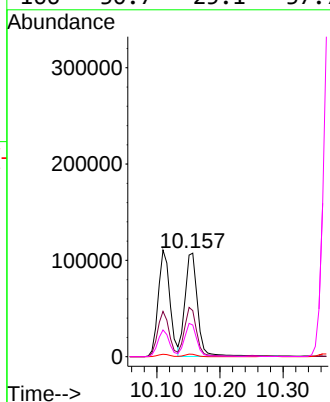
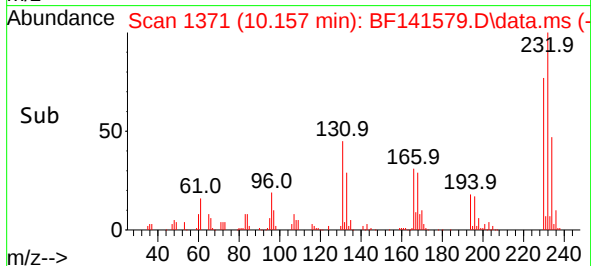
Instrument :
BNA_F
ClientSampleId :
PB166665BS



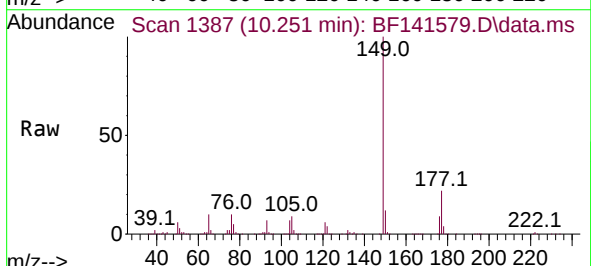
Tgt Ion:232 Resp: 14801
Ion Ratio Lower Upper
232 100
131 46.3 39.2 58.8
130 2.4 2.1 3.1
166 30.7 25.1 37.7

Manual Integrations
APPROVED

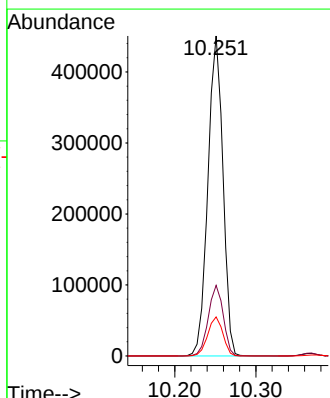
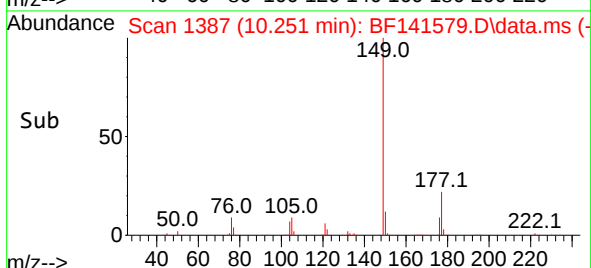
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

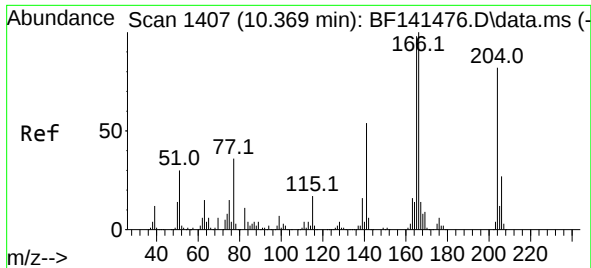


#60
Diethylphthalate
Concen: 44.317 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



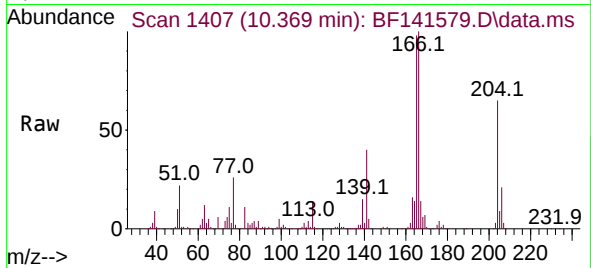
Tgt Ion:149 Resp: 578506
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.6
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.446 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

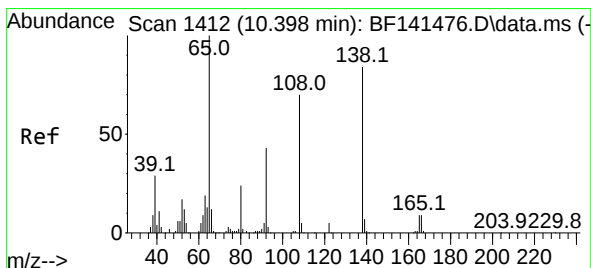
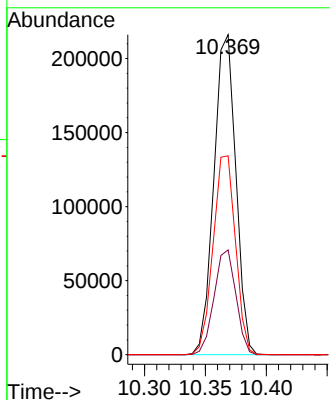
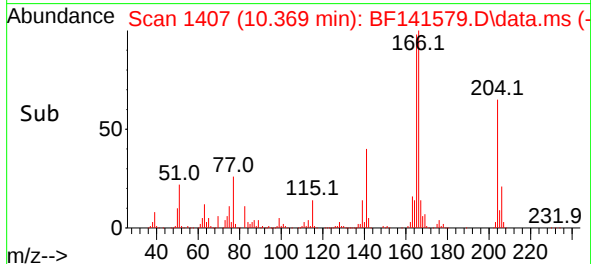
Instrument :
BNA_F
ClientSampleId :
PB166665BS



Tgt Ion:204 Resp: 271885
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.2 51.9 77.9

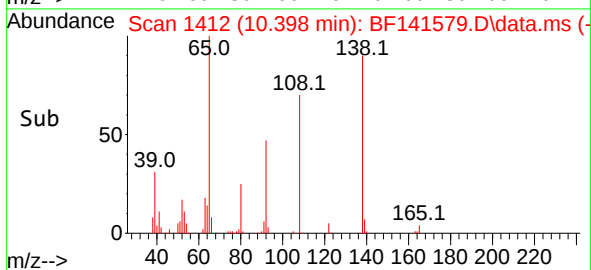
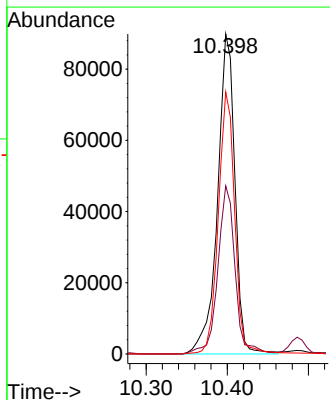
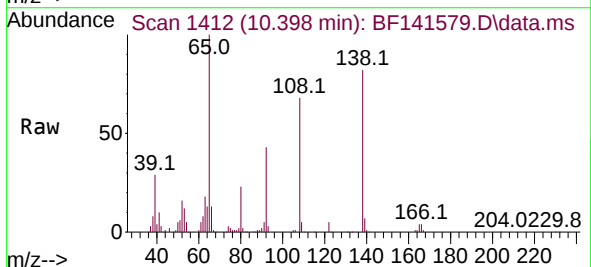
Manual Integrations
APPROVED

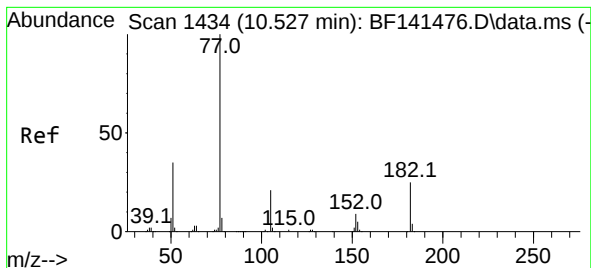
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#62
4-Nitroaniline
Concen: 42.324 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

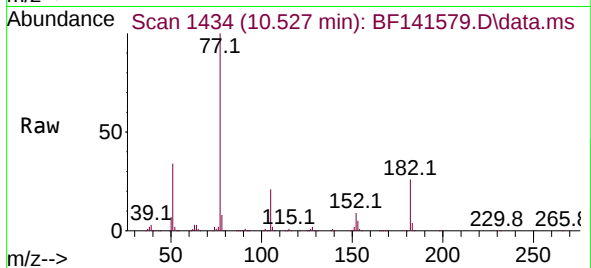
Tgt Ion:138 Resp: 134160
Ion Ratio Lower Upper
138 100
92 52.5 31.3 71.3
108 81.9 63.7 103.7





#63
Azobenzene
Concen: 42.779 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

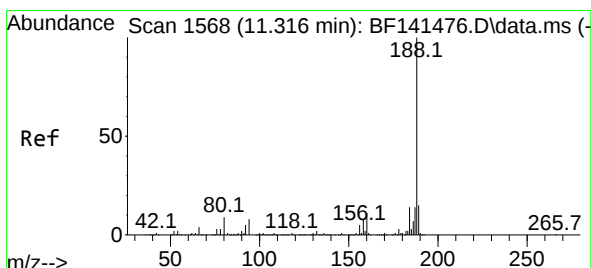
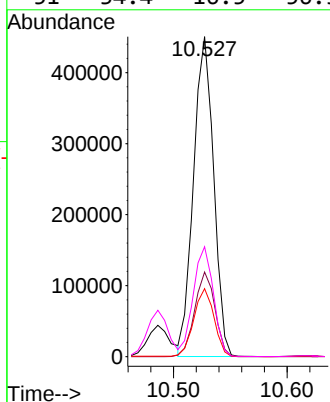
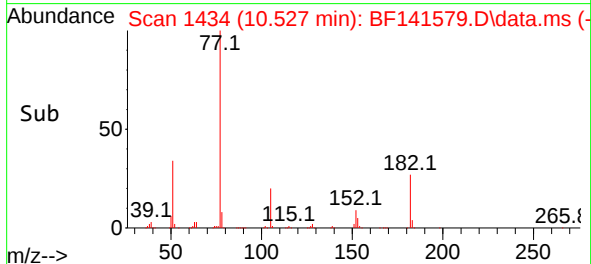
Instrument :
BNA_F
ClientSampleId :
PB166665BS



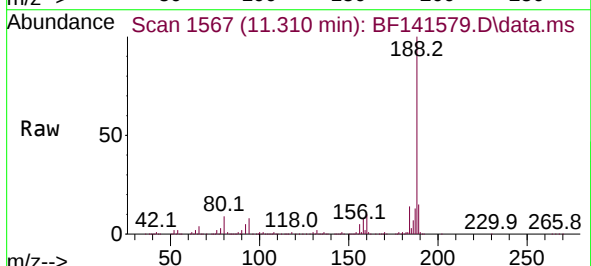
Tgt Ion: 77 Resp: 555140
Ion Ratio Lower Upper
77 100
182 26.5 4.7 44.7
105 21.3 0.4 40.4
51 34.4 16.5 56.5

Manual Integrations
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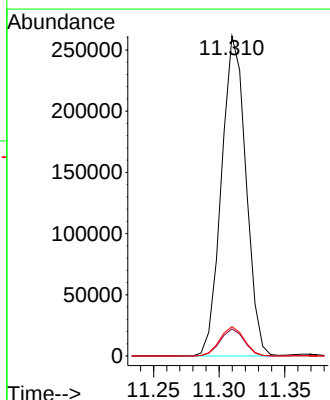
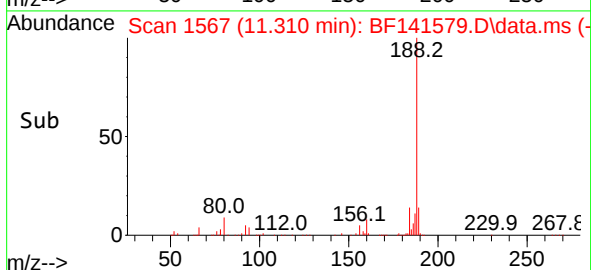
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

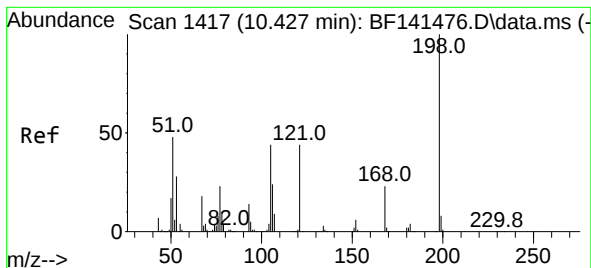


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:188 Resp: 339100
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.676 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

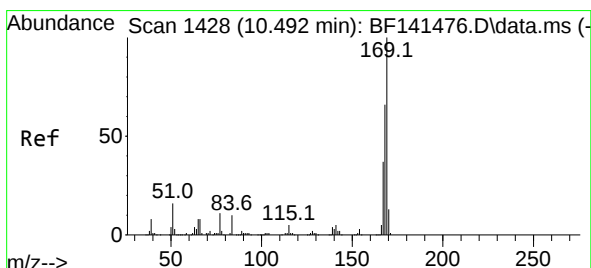
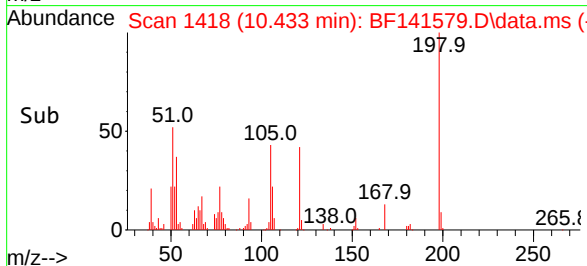
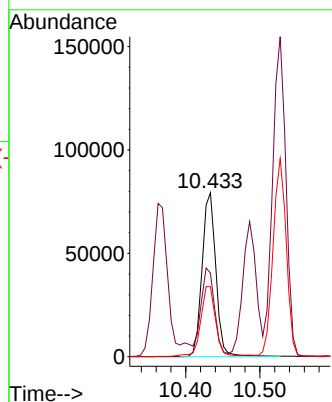
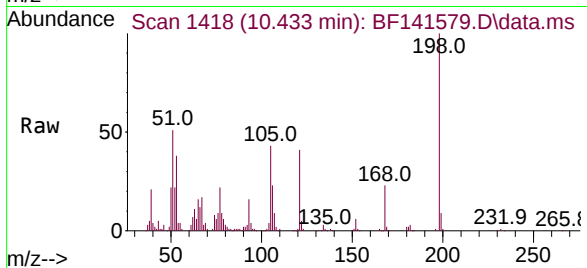
ClientSampleId :

PB166665BS

Tgt Ion:198 Resp: 10288
Ion Ratio Lower Upper
198 100
51 51.0 37.4 77.4
105 42.6 25.2 65.2

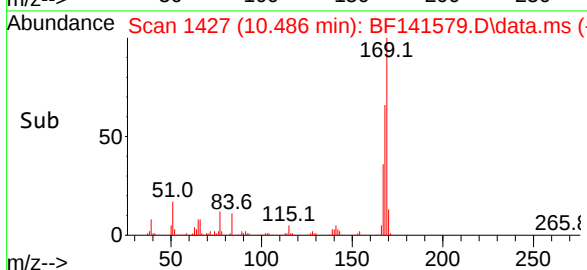
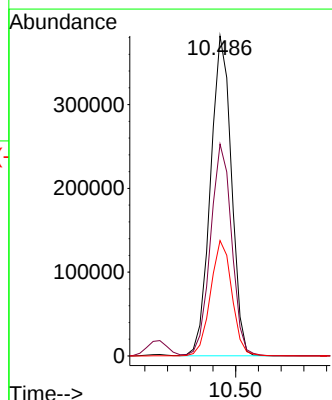
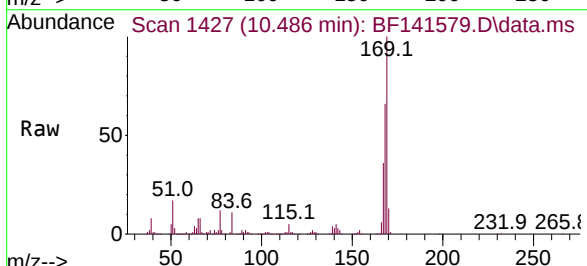
Manual Integrations
APPROVED

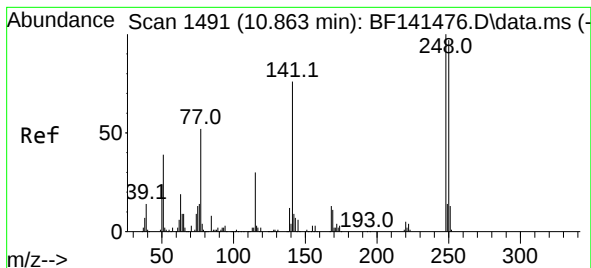
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#66
n-Nitrosodiphenylamine
Concen: 44.871 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

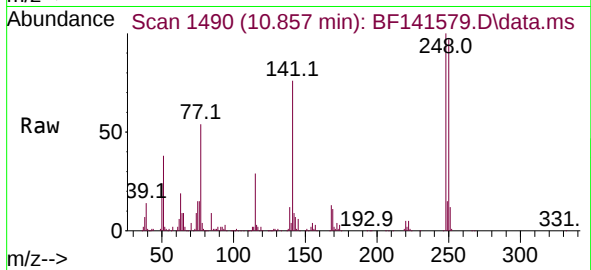
Tgt Ion:169 Resp: 487074
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.1 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.097 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

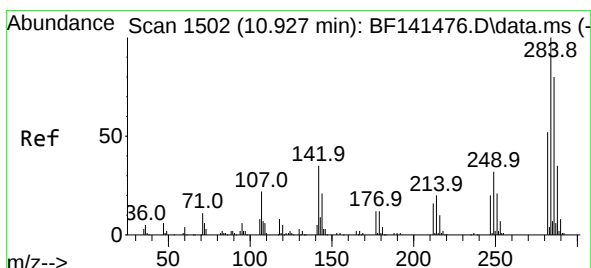
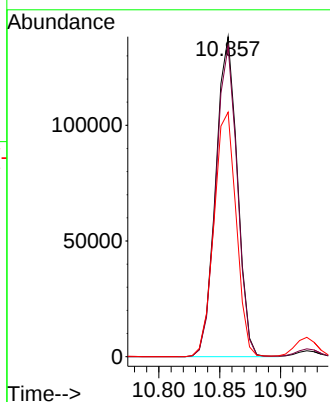
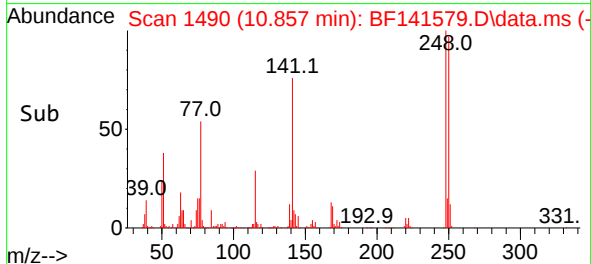
Instrument :
BNA_F
ClientSampleId :
PB166665BS



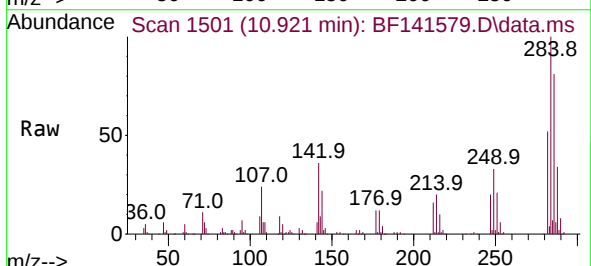
Tgt Ion:248 Resp: 170912
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 76.4 60.6 90.8

Manual Integrations
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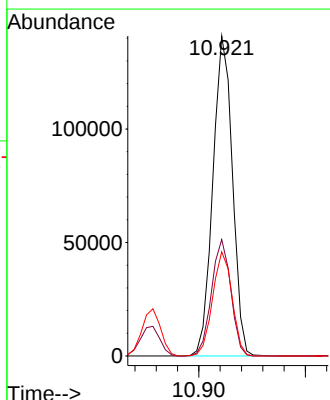
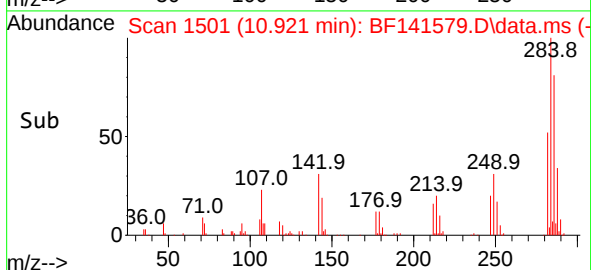
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

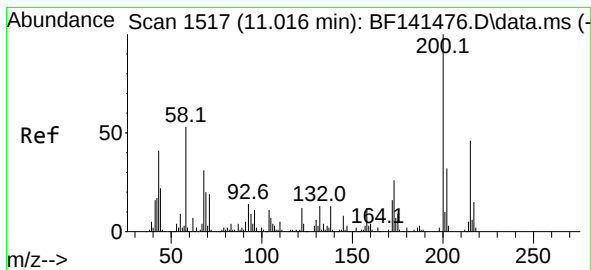


#68
Hexachlorobenzene
Concen: 45.935 ng
RT: 10.921 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:284 Resp: 179264
Ion Ratio Lower Upper
284 100
142 36.4 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 58.974 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

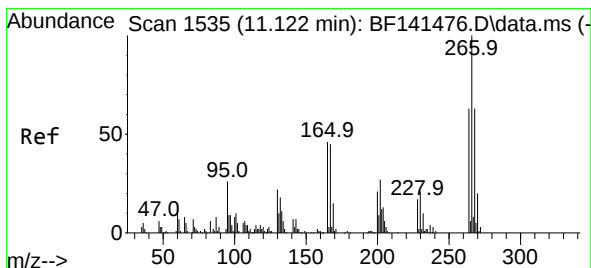
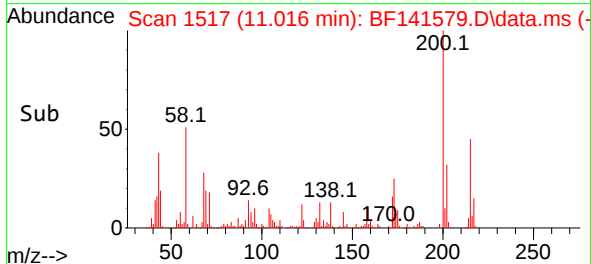
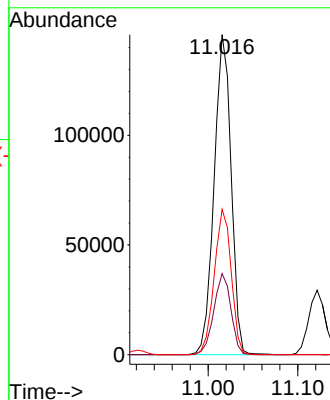
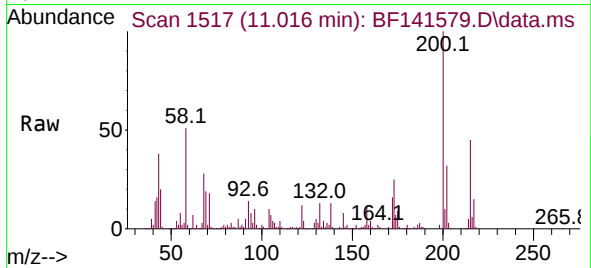
PB166665BS

Tgt Ion:200	Resp: 19204
Ion Ratio	Lower Upper
200 100	
173 25.3	5.9 45.9
215 45.4	25.9 65.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#70

Pentachlorophenol

Concen: 82.610 ng

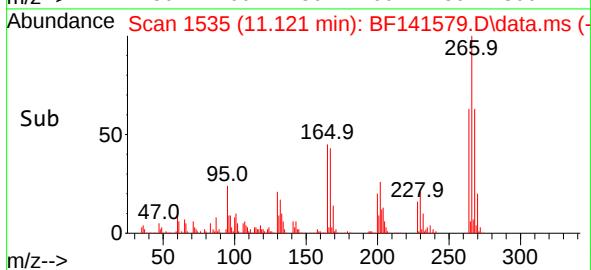
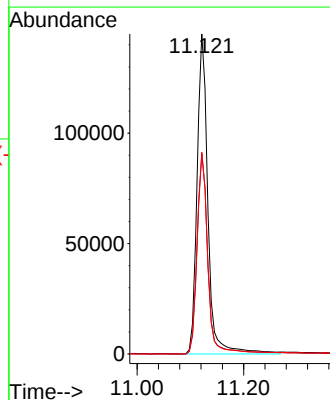
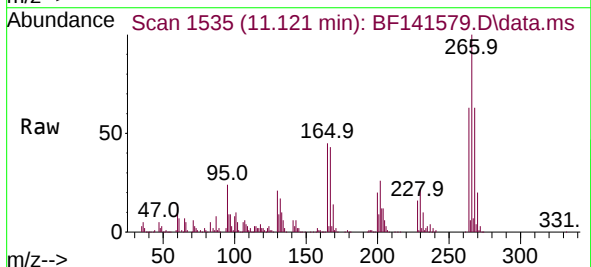
RT: 11.121 min Scan# 1535

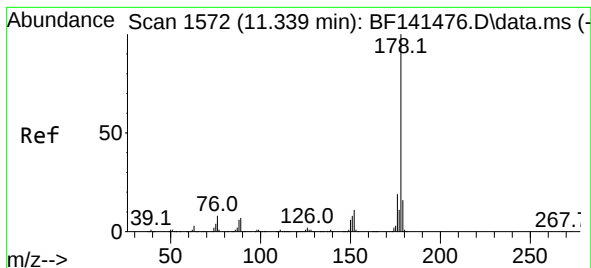
Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

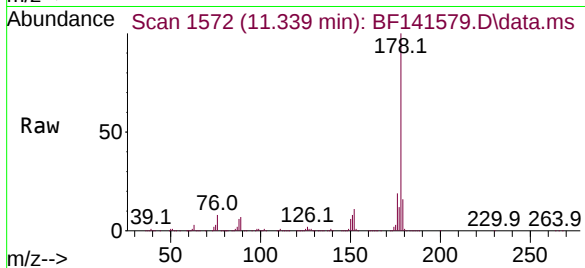
Tgt Ion:266	Resp: 206142
Ion Ratio	Lower Upper
266 100	
268 62.6	50.1 75.1
264 63.0	50.1 75.1





#71
Phenanthrene
Concen: 44.050 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

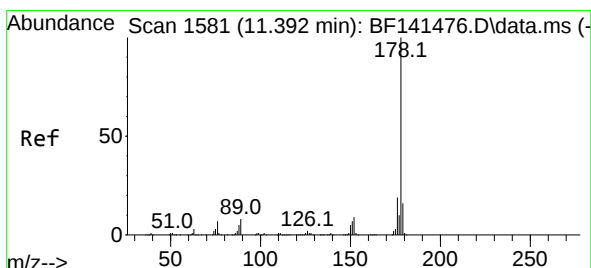
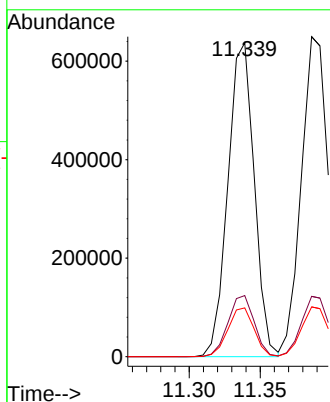
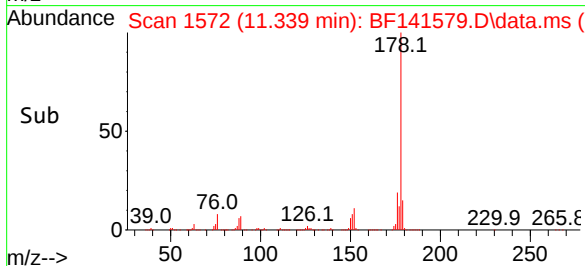
Instrument :
BNA_F
ClientSampleId :
PB166665BS



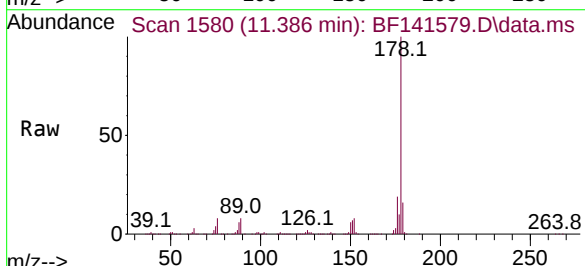
Tgt Ion:178 Resp: 822229
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.4 18.6

Manual Integrations
APPROVED

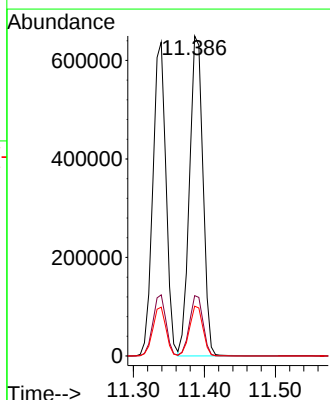
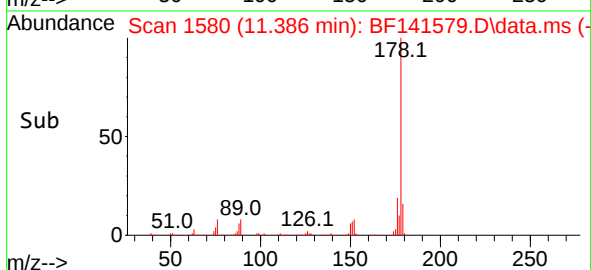
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

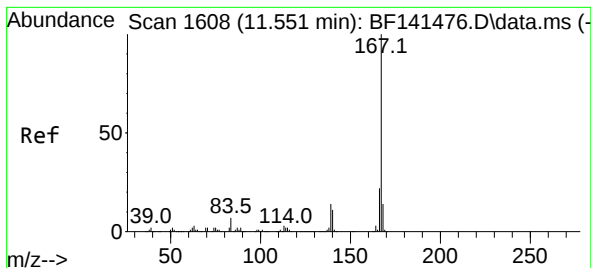


#72
Anthracene
Concen: 45.596 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:178 Resp: 855545
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.461 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

Tgt Ion:167 Resp: 733768

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

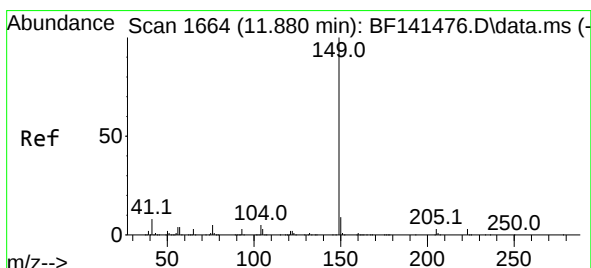
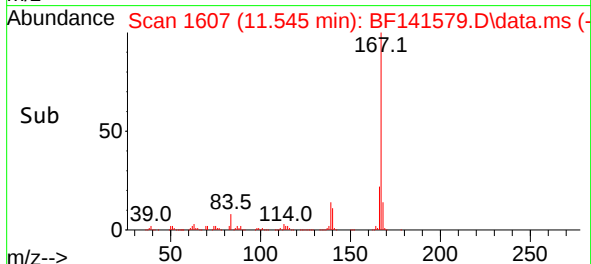
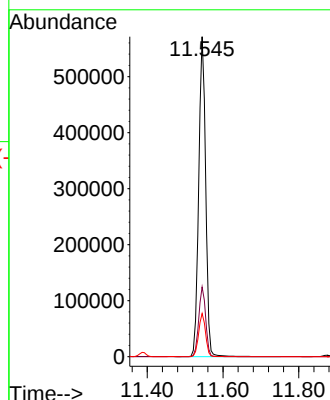
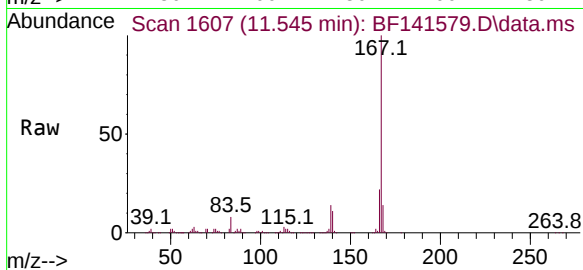
139 13.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#74

Di-n-butylphthalate

Concen: 45.355 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

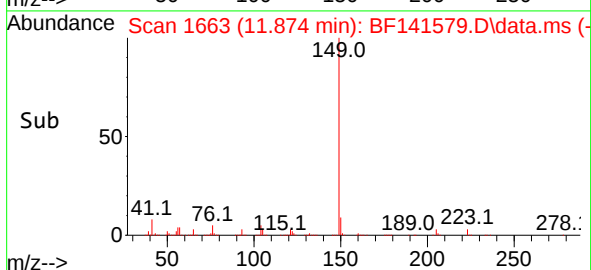
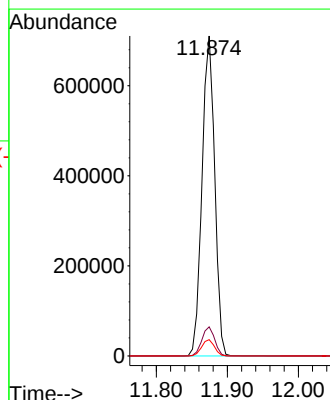
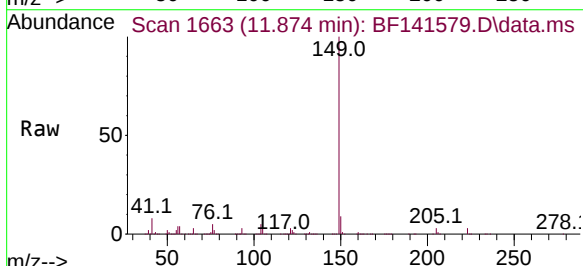
Tgt Ion:149 Resp: 884188

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

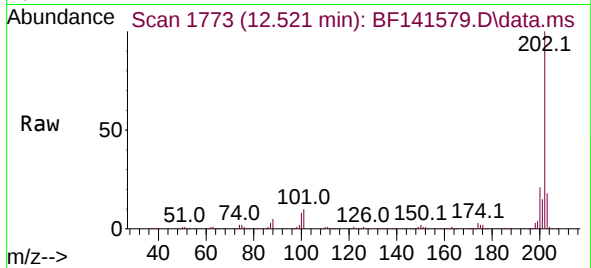
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 43.364 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

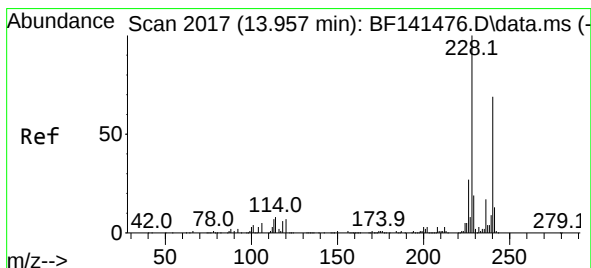
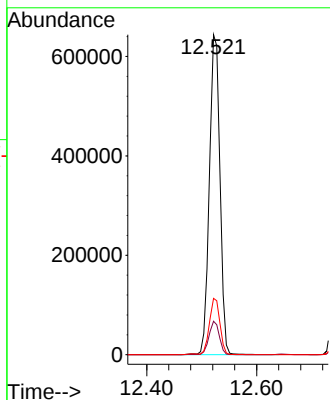
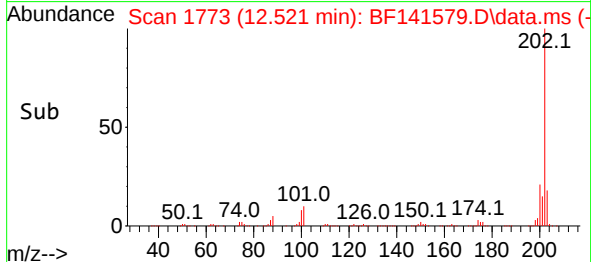
Instrument :
BNA_F
ClientSampleId :
PB166665BS



Tgt Ion:202 Resp: 858158
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.6 0.0 37.6

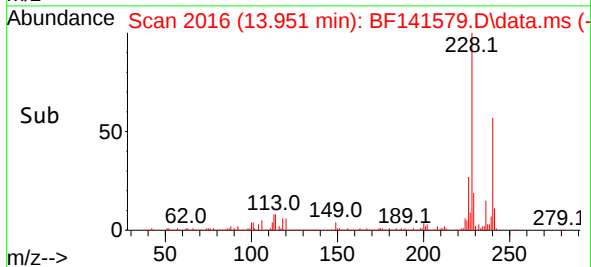
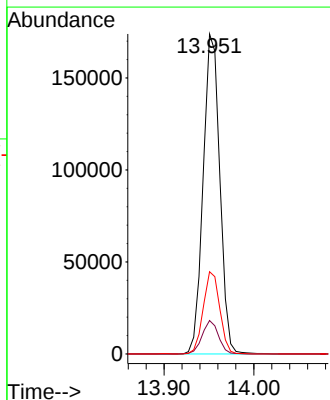
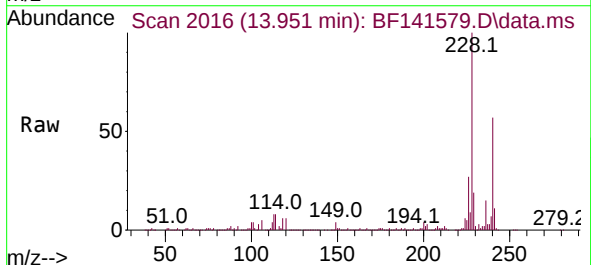
Manual Integrations
APPROVED

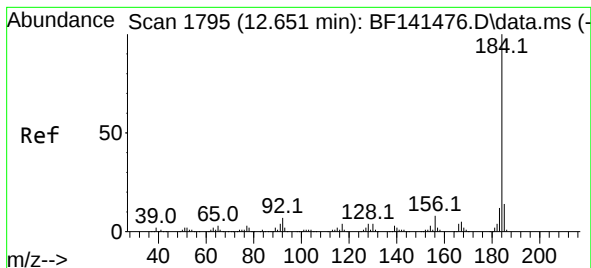
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:240 Resp: 224082
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.7 19.8 29.8





#77

Benzidine

Concen: 46.212 ng

RT: 12.645 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

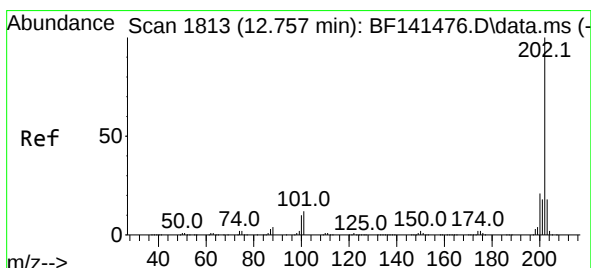
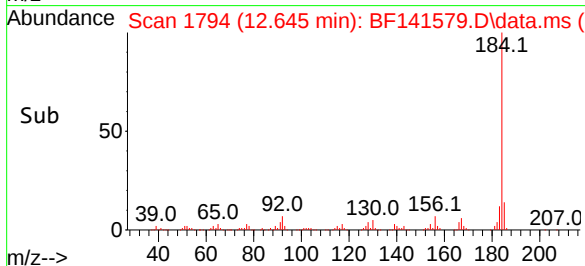
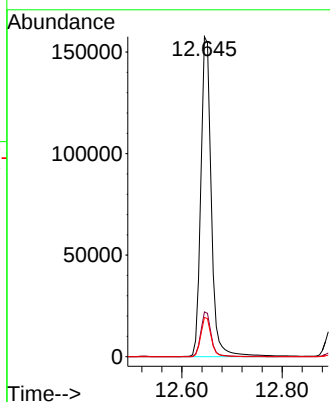
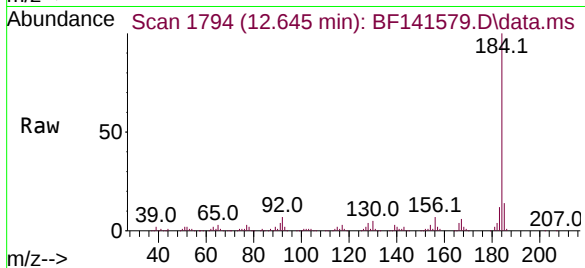
PB166665BS

Tgt Ion:184 Resp: 22837
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.3 16.9
 183 12.2 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025



#78

Pyrene

Concen: 45.582 ng

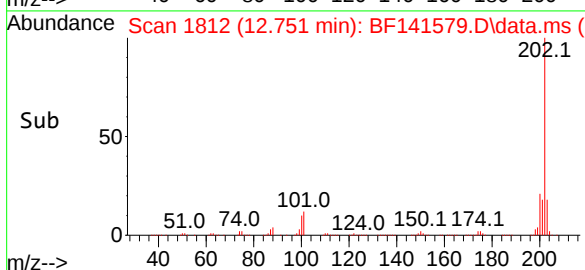
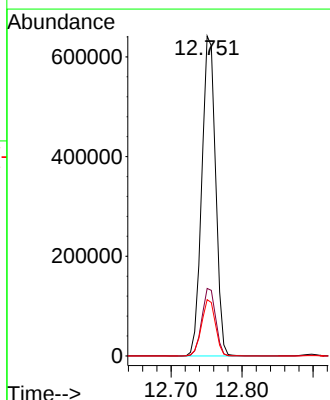
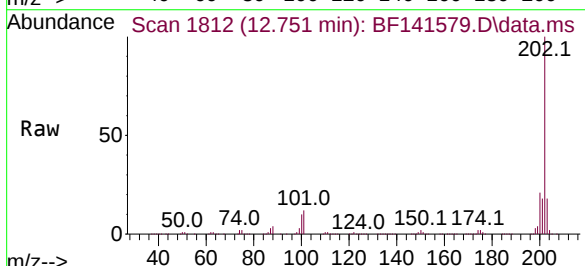
RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Tgt Ion:202 Resp: 869496
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.6 14.3 21.5





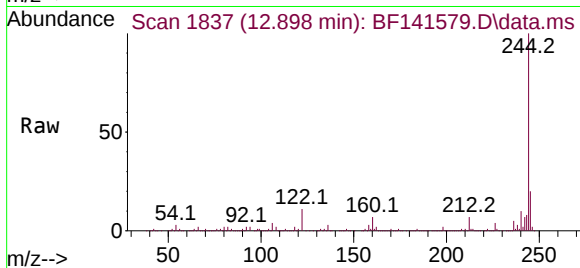
#79
 Terphenyl-d14
 Concen: 101.540 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141579.D
 Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

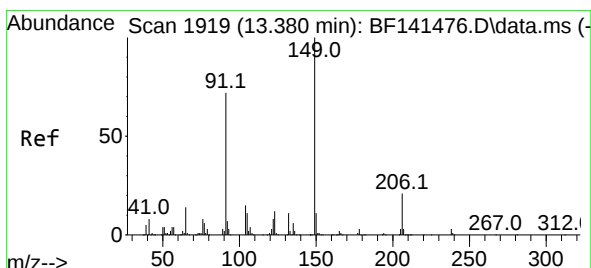
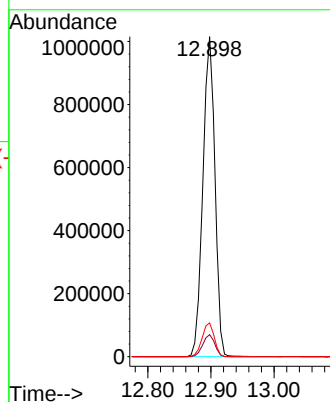
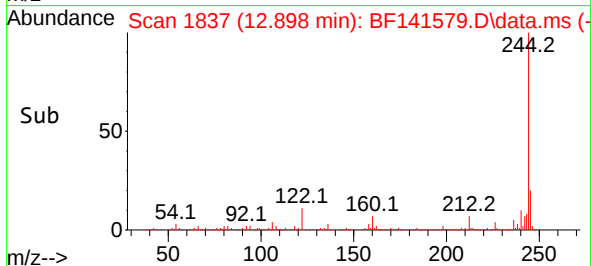


Tgt Ion:244 Resp: 1347812
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 8.4 12.6

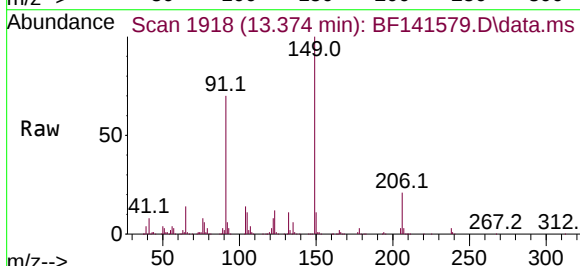
Manual Integrations

APPROVED

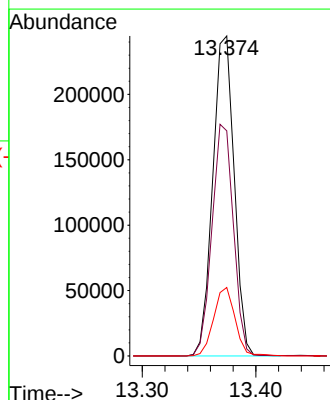
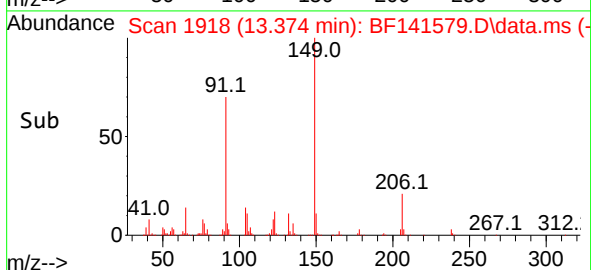
Reviewed By :Anahy Claudio 02/13/2025
 Supervised By :Jagrut Upadhyay 02/13/2025

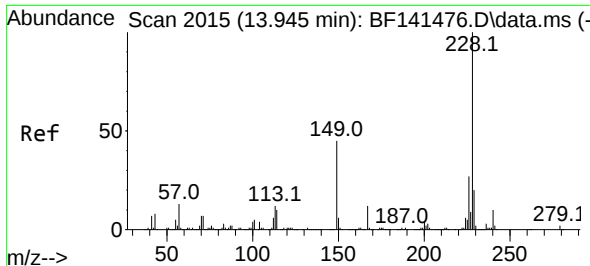


#80
 Butylbenzylphthalate
 Concen: 48.640 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141579.D
 Acq: 12 Feb 2025 10:25



Tgt Ion:149 Resp: 321374
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.8 86.8
 206 21.4 16.7 25.1





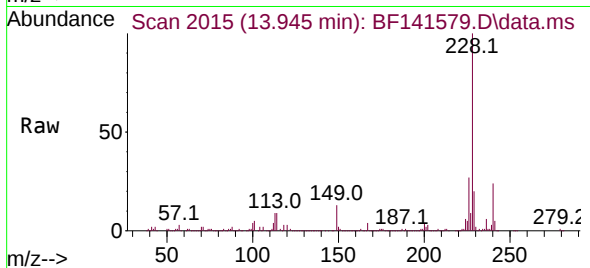
#81
Benzo(a)anthracene
Concen: 46.340 ng
RT: 13.945 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

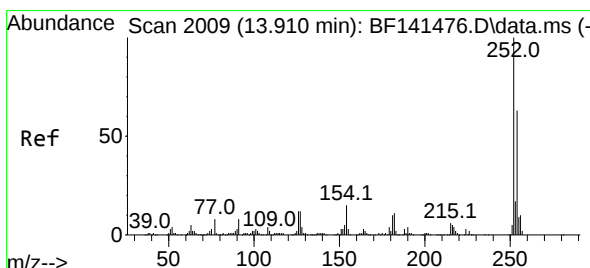
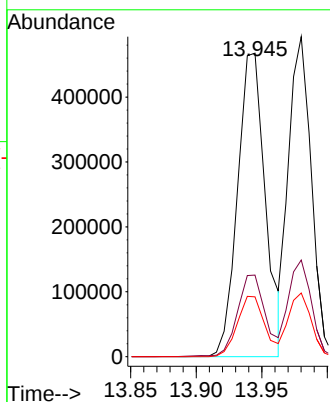
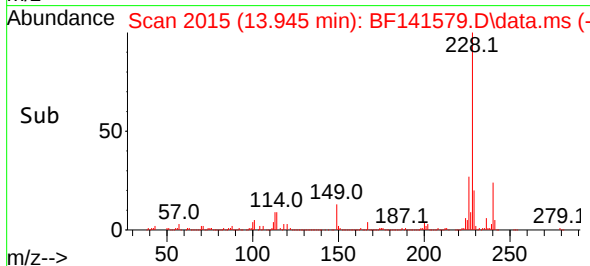


Tgt Ion:228 Resp: 69026
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.7 15.8 23.6

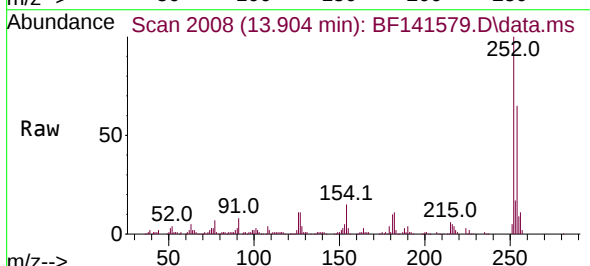
Manual Integrations

APPROVED

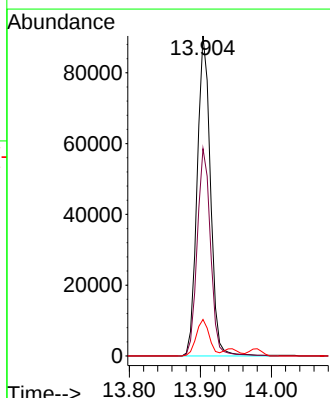
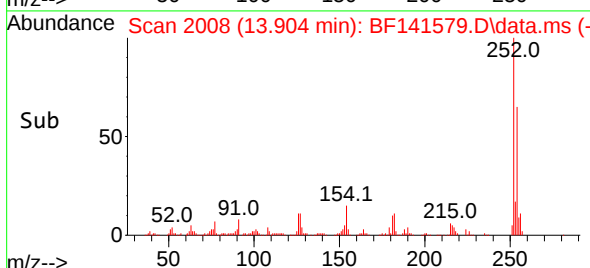
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

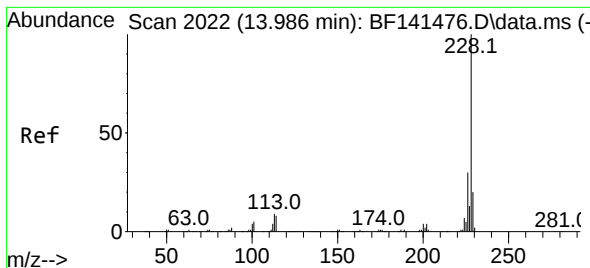


#82
3,3'-Dichlorobenzidine
Concen: 27.702 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:252 Resp: 118202
Ion Ratio Lower Upper
252 100
254 64.8 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 43.393 ng

RT: 13.980 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

PB166665BS

Tgt Ion:228 Resp: 59681

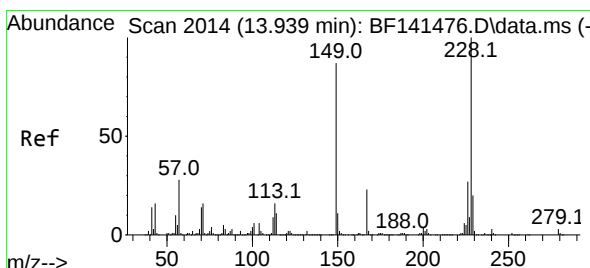
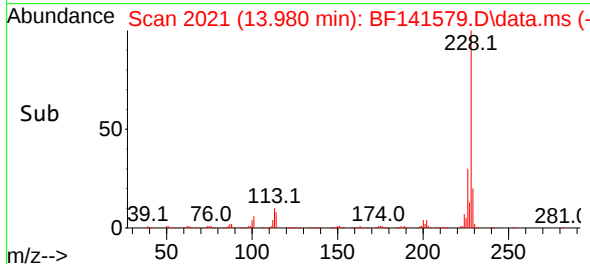
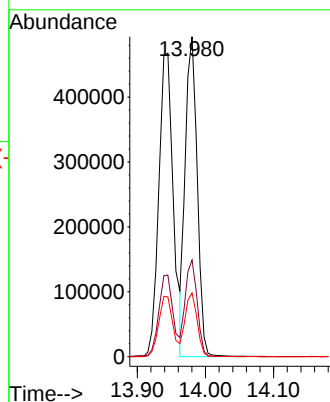
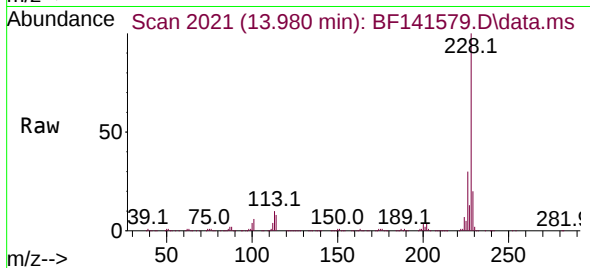
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/13/2025

Supervised By :Jagrut Upadhyay 02/13/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.058 ng

RT: 13.927 min Scan# 2012

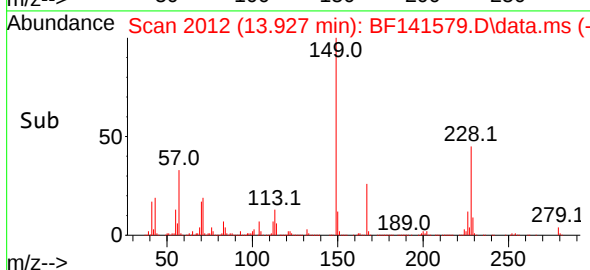
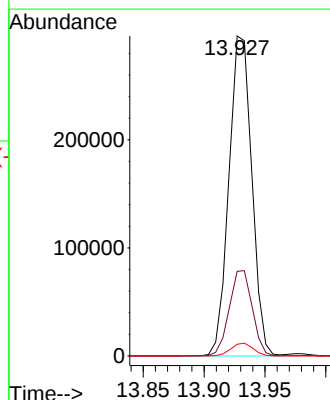
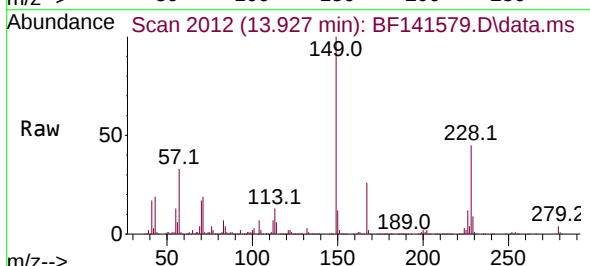
Delta R.T. -0.012 min

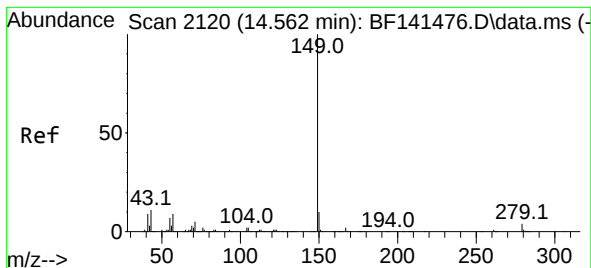
Lab File: BF141579.D

Acq: 12 Feb 2025 10:25

Tgt Ion:149 Resp: 387926

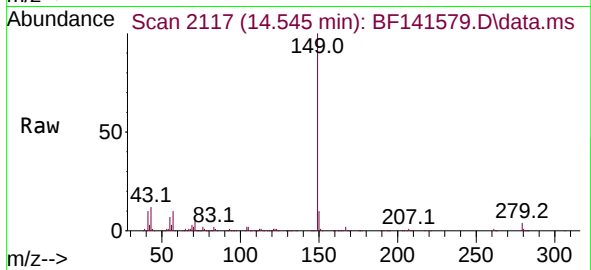
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	3.6	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 56.602 ng
RT: 14.545 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

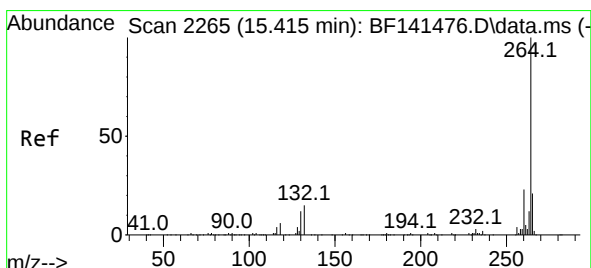
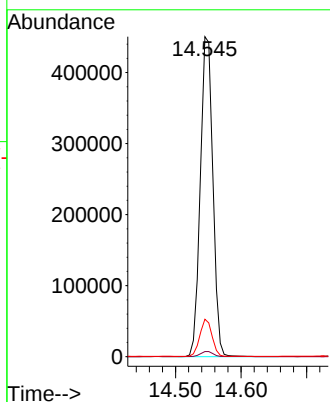
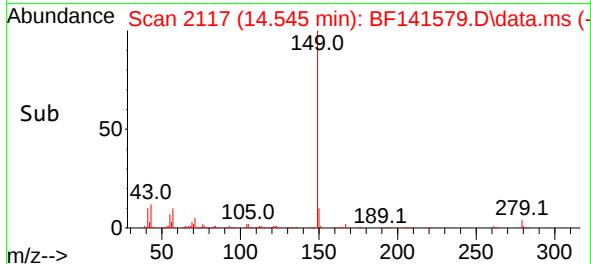
Instrument :
BNA_F
ClientSampleId :
PB166665BS



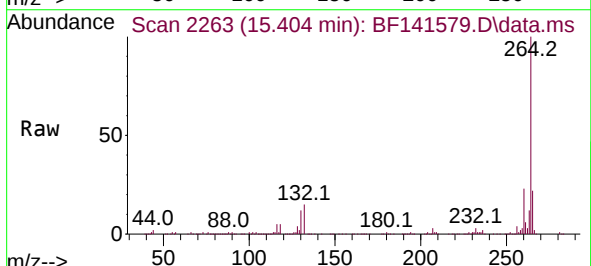
Tgt Ion:149 Resp: 601724
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 9.5 14.3

Manual Integrations
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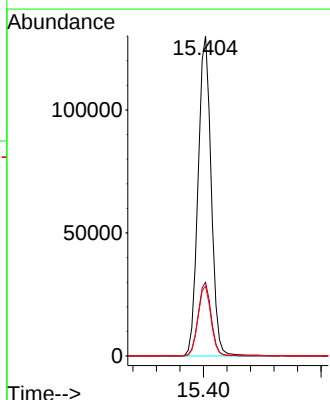
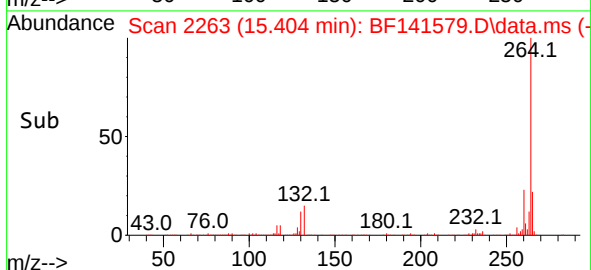
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25



Tgt Ion:264 Resp: 200909
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.8 17.0 25.4





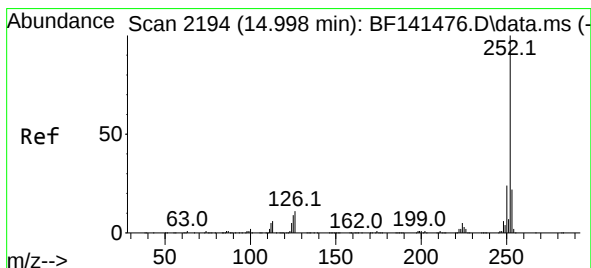
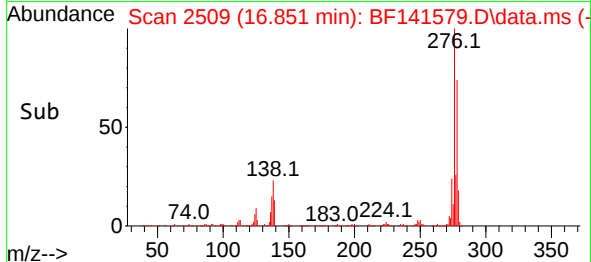
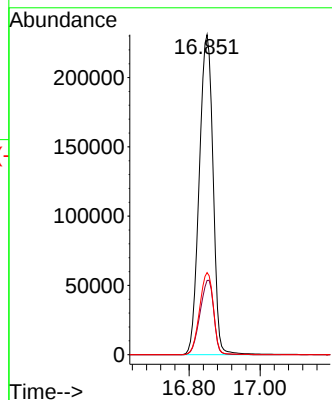
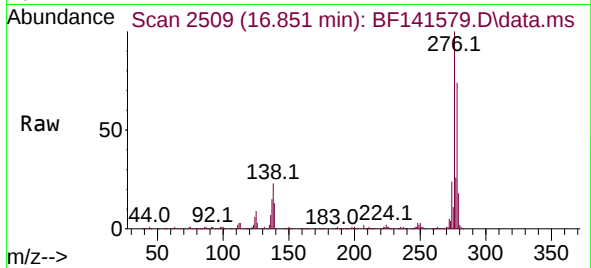
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.298 ng
RT: 16.851 min Scan# 2109
Delta R.T. -0.024 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :
BNA_F
ClientSampleId :
PB166665BS

Tgt Ion:276 Resp: 624398
Ion Ratio Lower Upper
276 100
138 23.2 18.0 27.0
277 25.7 20.4 30.6

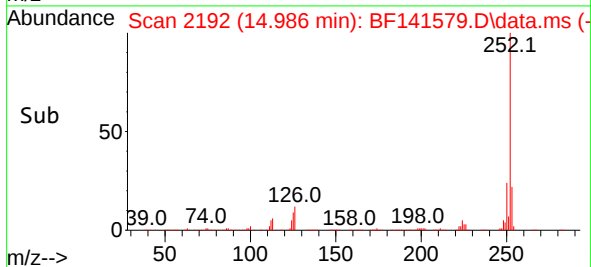
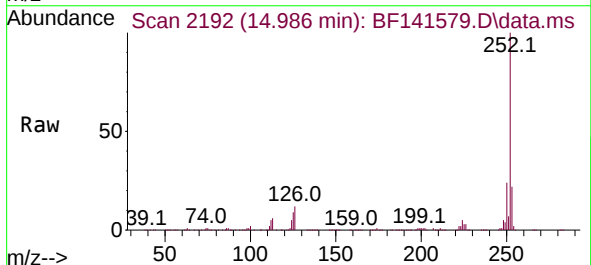
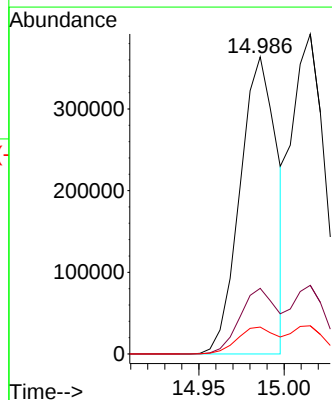
Manual Integrations
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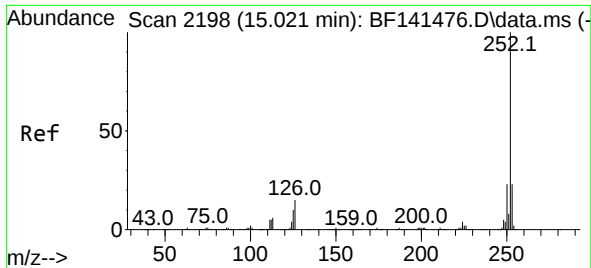
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#88
Benzo(b)fluoranthene
Concen: 40.557 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:252 Resp: 547117
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.1 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 46.155 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

ClientSampleId :

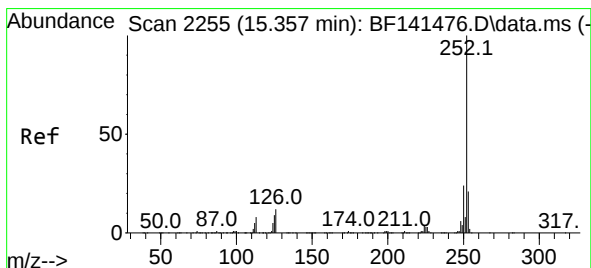
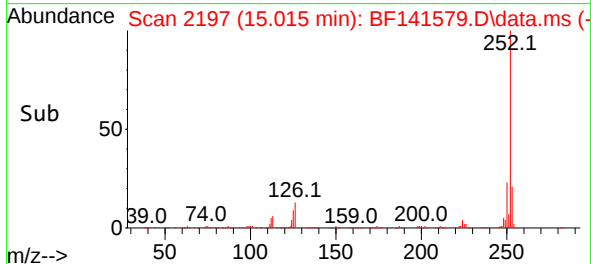
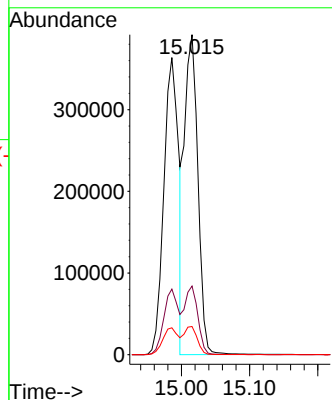
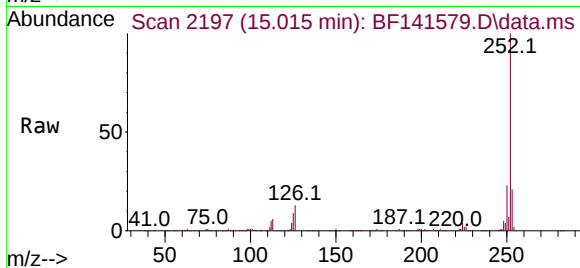
PB166665BS

Tgt Ion:252 Resp: 531679
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.8 7.4 11.0

Manual Integrations

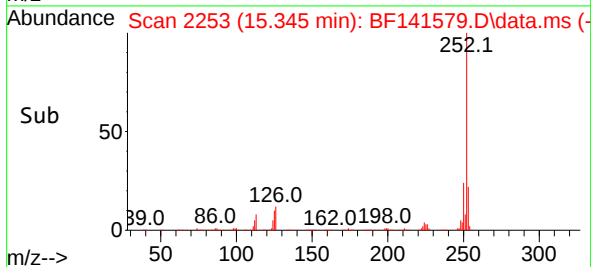
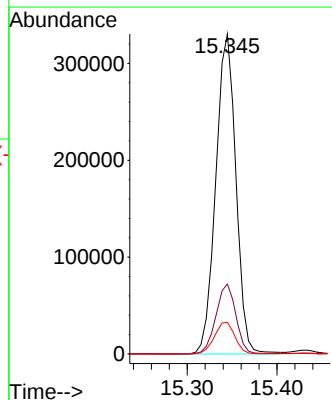
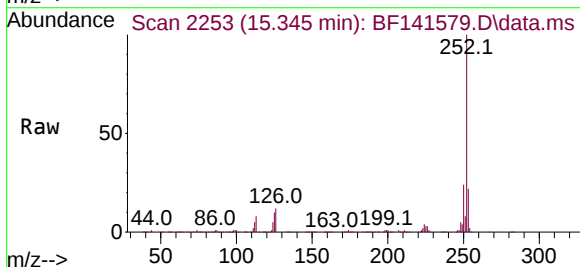
APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#90
Benzo(a)pyrene
Concen: 47.097 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.018 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:252 Resp: 514100
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.9 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 49.717 ng
RT: 16.862 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Instrument :

BNA_F

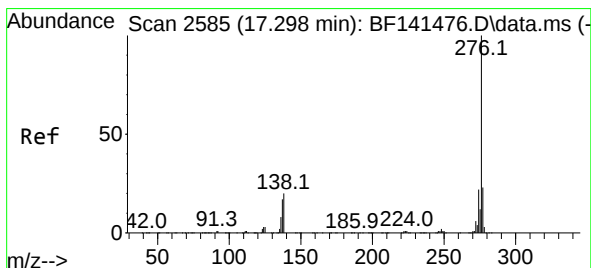
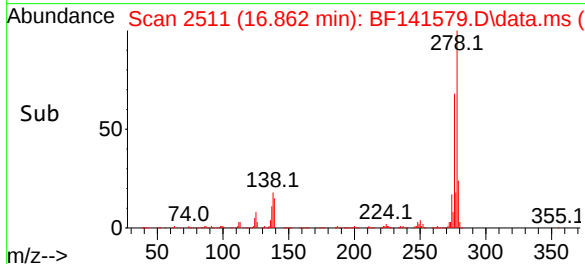
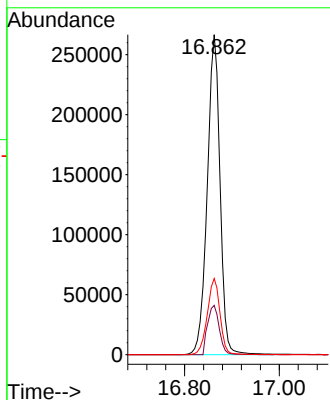
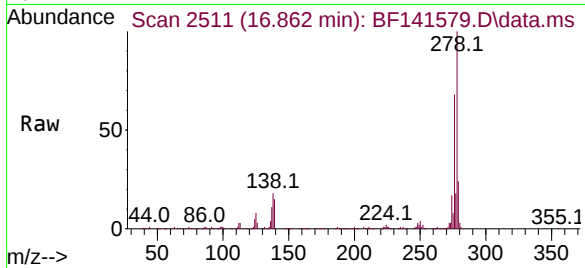
ClientSampleId :

PB166665BS

Tgt Ion:278 Resp: 500098
Ion Ratio Lower Upper
278 100
139 15.4 11.8 17.6
279 23.8 19.1 28.7

Manual Integrations
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Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025



#92
Benzo(g,h,i)perylene
Concen: 46.990 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.035 min
Lab File: BF141579.D
Acq: 12 Feb 2025 10:25

Tgt Ion:276 Resp: 494631
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 19.7 15.9 23.9

