

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126534.D
 Acq On : 7 Jan 2022 11:43
 Operator : JU/CG
 Sample : PB141753BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141753BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/10/2022
 Supervised By : Jagrut Upadhyay 01/10/2022

Quant Time: Jan 07 15:22:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	99745	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	426324	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	195023	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	305968	20.000	ng	0.00
76) Chrysene-d12	13.951	240	172499	20.000	ng	0.00
86) Perylene-d12	15.398	264	154750	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	713003	102.653	ng	0.01
7) Phenol-d6	6.422	99	905284	100.630	ng	0.00
23) Nitrobenzene-d5	7.345	82	582959	70.211	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	180301	119.640	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	833044	75.167	ng	0.00
79) Terphenyl-d14	12.898	244	696122	78.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	111286	31.951	ng	99
3) Pyridine	3.281	79	243636	25.932	ng	97
4) n-Nitrosodimethylamine	3.234	42	136137	35.243	ng	97
6) Aniline	6.446	93	300562	26.868	ng	94
8) 2-Chlorophenol	6.563	128	300141	43.331	ng	96
9) Benzaldehyde	6.328	77	57816	10.382	ng	91
10) Phenol	6.434	94	380237	37.874	ng	91
11) bis(2-Chloroethyl)ether	6.516	93	307790	40.151	ng	97
12) 1,3-Dichlorobenzene	6.722	146	286943	41.455	ng	97
13) 1,4-Dichlorobenzene	6.798	146	293221	42.439	ng	100
14) 1,2-Dichlorobenzene	6.951	146	284317	42.233	ng	97
15) Benzyl Alcohol	6.928	79	246060	39.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	478116	39.713	ng	100
17) 2-Methylphenol	7.040	107	243324	39.935	ng	99
18) Hexachloroethane	7.293	117	114280	41.514	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	197667	38.505	ng	95
20) 3+4-Methylphenols	7.193	107	276680	38.142	ng	93
22) Acetophenone	7.193	105	398896	40.473	ng	94
24) Nitrobenzene	7.363	77	315343	37.954	ng	96
25) Isophorone	7.604	82	567753	38.198	ng	99
26) 2-Nitrophenol	7.681	139	154041	41.822	ng	100
27) 2,4-Dimethylphenol	7.722	122	268616	46.641	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	366274	37.722	ng	98
29) 2,4-Dichlorophenol	7.928	162	219547	41.749	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	225398	41.125	ng	97
31) Naphthalene	8.087	128	832082	41.351	ng	99
32) Benzoic acid	7.857	122	165225	40.792	ng	95
33) 4-Chloroaniline	8.134	127	152655	18.109	ng	95
34) Hexachlorobutadiene	8.204	225	112379	42.186	ng	96
35) Caprolactam	8.510	113	80030m	59.822	ng	
36) 4-Chloro-3-methylphenol	8.628	107	254634	39.676	ng	93
37) 2-Methylnaphthalene	8.781	142	521728	43.952	ng	98
38) 1-Methylnaphthalene	8.881	142	482688	42.058	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	184170	43.459	ng	98
41) Hexachlorocyclopentadiene	8.939	237	183015	106.071	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	129877	41.441	ng	99

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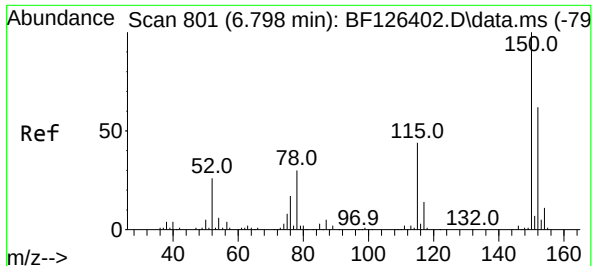
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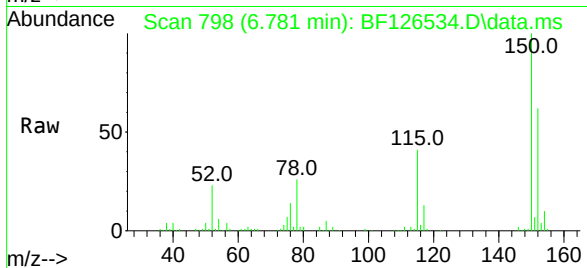
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	144362	42.794	ng	94
46) 1,1'-Biphenyl	9.245	154	610389	42.673	ng	99
47) 2-Chloronaphthalene	9.269	162	447276	41.284	ng	98
48) 2-Nitroaniline	9.363	65	157858	36.082	ng	92
49) Acenaphthylene	9.686	152	690407	42.017	ng	99
50) Dimethylphthalate	9.551	163	501726	41.210	ng	100
51) 2,6-Dinitrotoluene	9.610	165	112671	42.852	ng	94
52) Acenaphthene	9.857	154	429845	39.902	ng	99
53) 3-Nitroaniline	9.775	138	88517	24.554	ng	92
54) 2,4-Dinitrophenol	9.886	184	102368	75.974	ng	92
55) Dibenzofuran	10.028	168	588553	40.415	ng	97
56) 4-Nitrophenol	9.945	139	196356	76.585	ng	95
57) 2,4-Dinitrotoluene	10.016	165	148094	43.657	ng	89
58) Fluorene	10.375	166	433006	42.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	104063	42.978	ng	95
60) Diethylphthalate	10.251	149	481330	41.021	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	185446	41.271	ng	99
62) 4-Nitroaniline	10.392	138	134005	39.468	ng	95
63) Azobenzene	10.528	77	555351	36.745	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	70079	42.295	ng	87
66) n-Nitrosodiphenylamine	10.486	169	399044	42.037	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	116637	42.948	ng	96
68) Hexachlorobenzene	10.922	284	143356	45.381	ng	97
69) Atrazine	11.016	200	117466	71.863	ng	99
70) Pentachlorophenol	11.116	266	131906	85.912	ng	98
71) Phenanthrene	11.333	178	650758	41.602	ng	99
72) Anthracene	11.386	178	668156	42.688	ng	99
73) Carbazole	11.539	167	616833	40.245	ng	99
74) Di-n-butylphthalate	11.875	149	711042	40.748	ng	100
75) Fluoranthene	12.522	202	604917	42.370	ng	100
77) Benzidine	12.645	184	164391	58.234	ng	100
78) Pyrene	12.751	202	615419	42.216	ng	99
80) Butylbenzylphthalate	13.374	149	254944	39.467	ng	93
81) Benzo(a)anthracene	13.945	228	396671	39.986	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	125855	27.194	ng	98
83) Chrysene	13.980	228	415904	40.872	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	271625	40.575	ng	98
85) Di-n-octyl phthalate	14.551	149	488329	42.061	ng	97
87) Indeno(1,2,3-cd)pyrene	16.827	276	447967	43.254	ng	96
88) Benzo(b)fluoranthene	14.980	252	432118	46.874	ng	97
89) Benzo(k)fluoranthene	15.010	252	367146	41.113	ng	98
90) Benzo(a)pyrene	15.339	252	391870	50.696	ng	97
91) Dibenzo(a,h)anthracene	16.845	278	378656	45.310	ng	97
92) Benzo(g,h,i)perylene	17.257	276	391808	44.029	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43

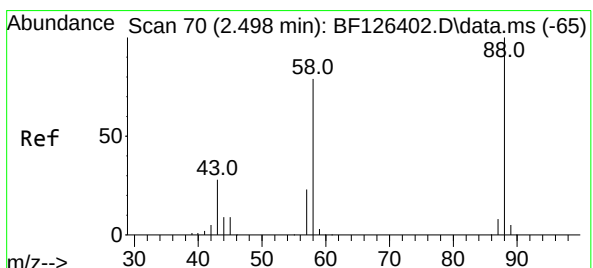
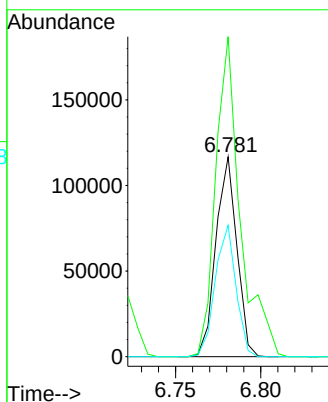
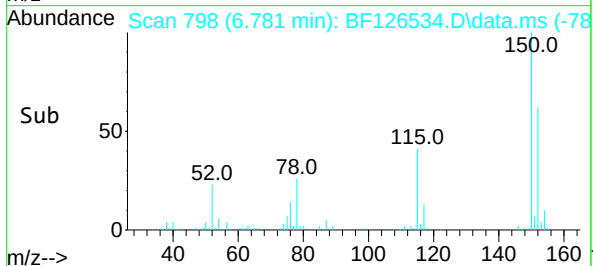
Instrument :
 BNA_F
 ClientSampleId :
 PB141753BS



Tgt Ion:152 Resp: 9974
 Ion Ratio Lower Upper
 152 100
 150 160.2 128.1 192.1
 115 65.7 56.7 85.1

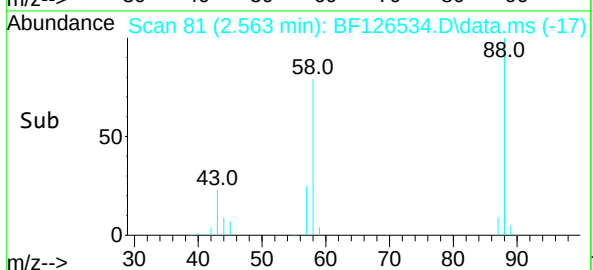
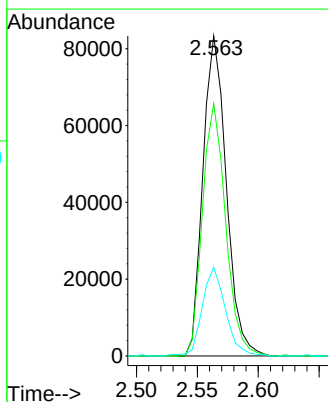
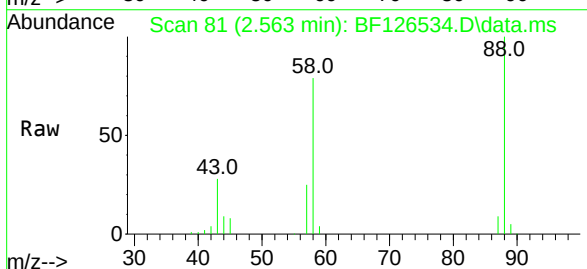
Manual Integrations
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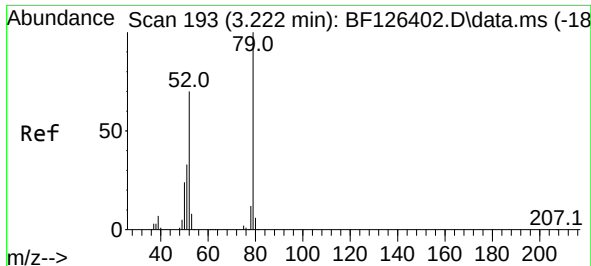
Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022



#2
 1,4-Dioxane
 Concen: 31.951 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.077 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43

Tgt Ion: 88 Resp: 111286
 Ion Ratio Lower Upper
 88 100
 58 78.0 62.8 94.2
 43 27.5 22.3 33.5





#3

Pyridine

Concen: 25.932 ng

RT: 3.281 min Scan# 20

Delta R.T. 0.071 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

Tgt Ion: 79 Resp: 24363

Ion Ratio Lower Upper

79 100

52 73.2 56.2 84.4

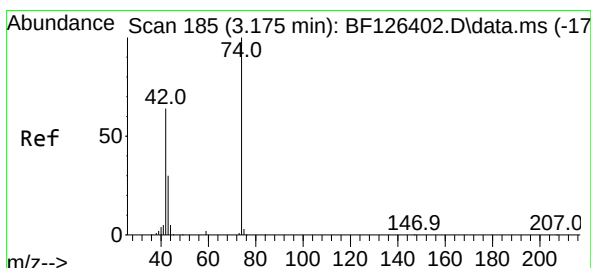
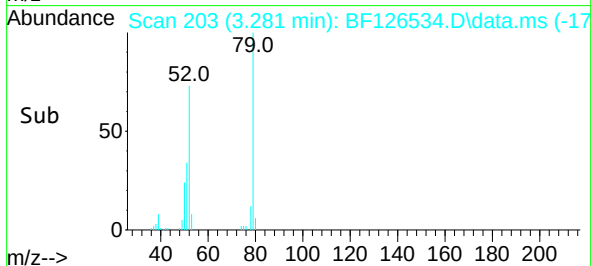
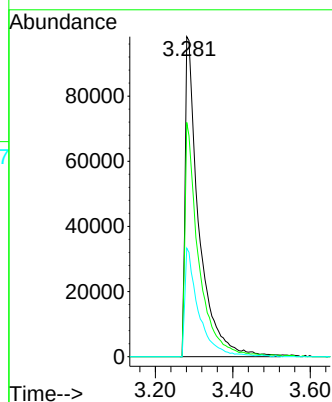
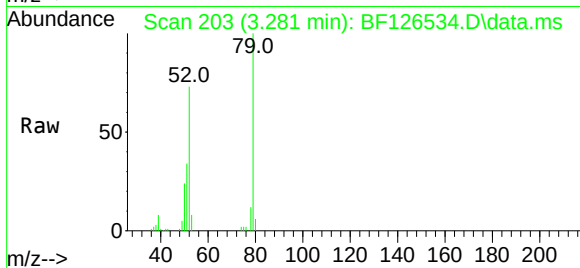
51 33.9 26.7 40.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.243 ng

RT: 3.234 min Scan# 195

Delta R.T. 0.071 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

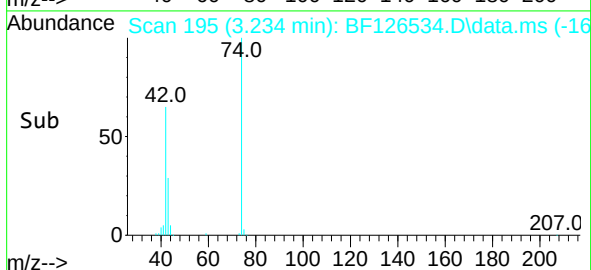
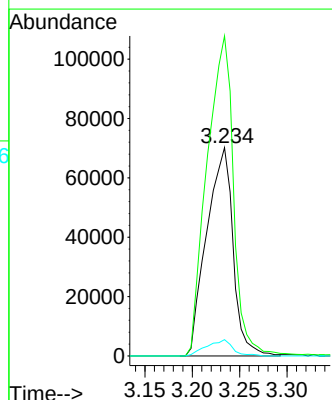
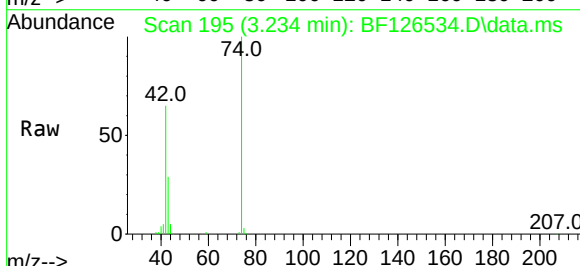
Tgt Ion: 42 Resp: 136137

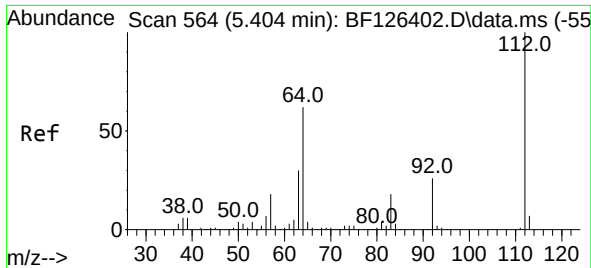
Ion Ratio Lower Upper

42 100

74 153.6 125.6 188.4

44 7.8 5.7 8.5





#5
2-Fluorophenol
Concen: 102.653 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

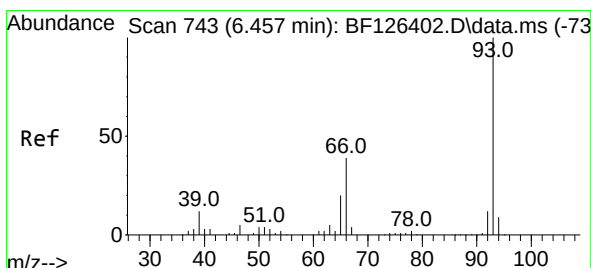
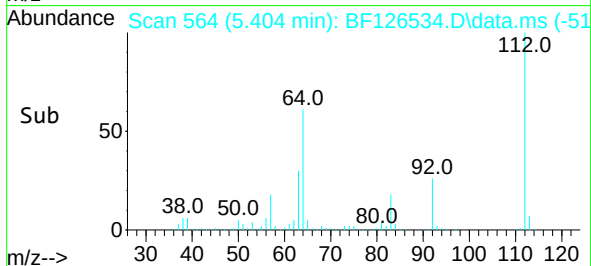
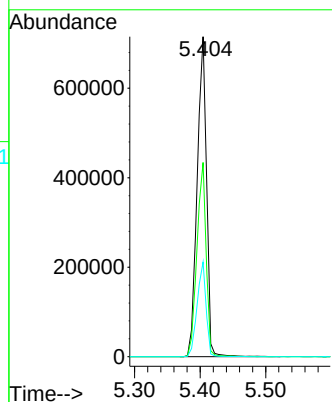
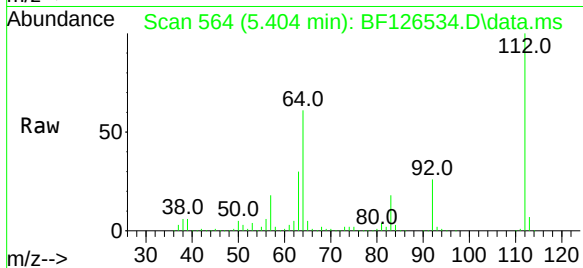
ClientSampleId :

PB141753BS

Tgt Ion:112 Resp: 71300
Ion Ratio Lower Upper
112 100
64 60.7 49.5 74.3
63 29.6 23.9 35.9

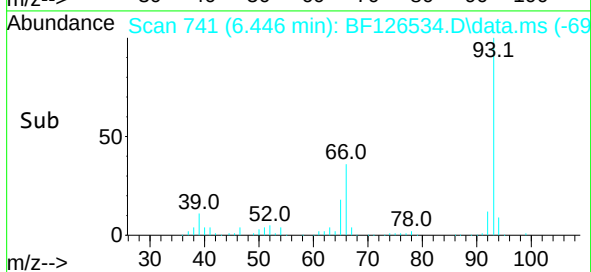
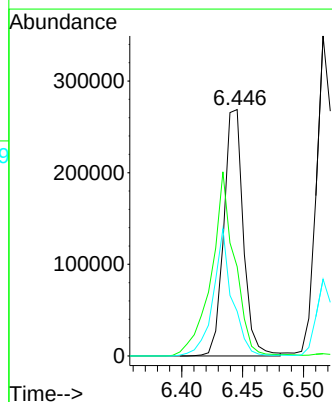
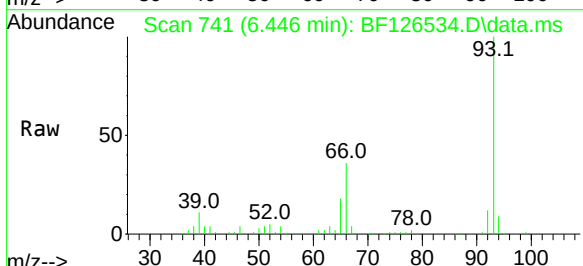
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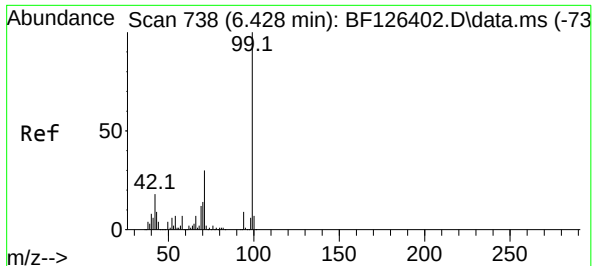
Reviewed By :Christian Giraldo 01/10/2022
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#6
Aniline
Concen: 26.868 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

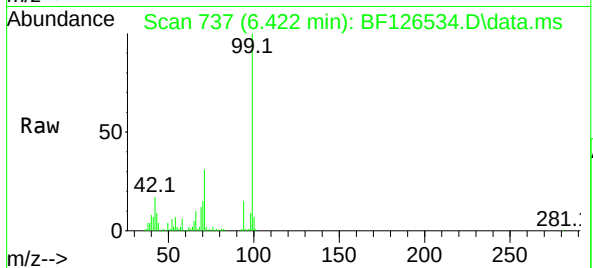
Tgt Ion: 93 Resp: 300562
Ion Ratio Lower Upper
93 100
66 36.2 32.2 48.4
65 18.1 16.3 24.5





#7
Phenol-d6
Concen: 100.630 ng
RT: 6.422 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

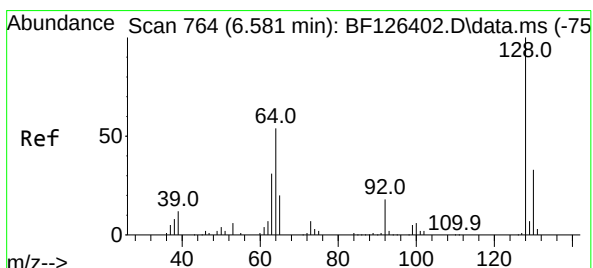
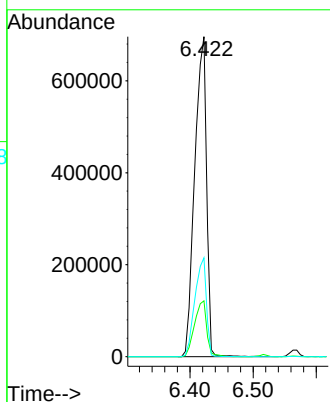
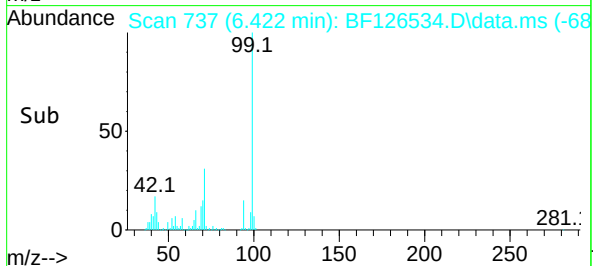
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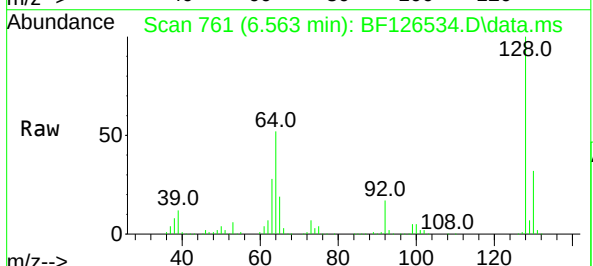
Tgt Ion: 99 Resp: 905284
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 30.9 24.3 36.5

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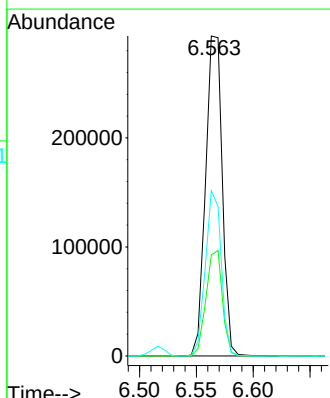
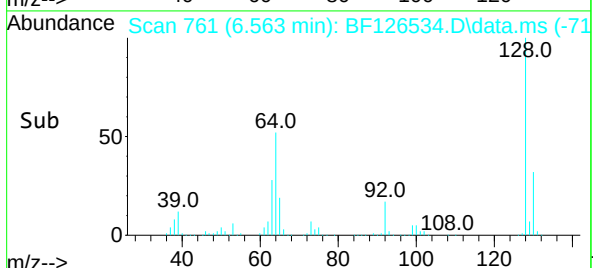
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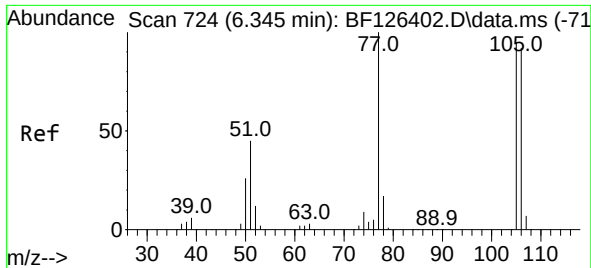


#8
2-Chlorophenol
Concen: 43.331 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:128 Resp: 300141
Ion Ratio Lower Upper
128 100
130 31.6 12.7 52.7
64 51.7 35.6 75.6





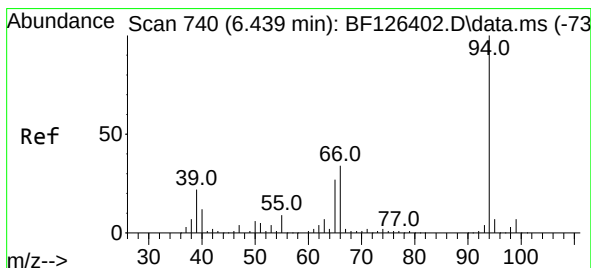
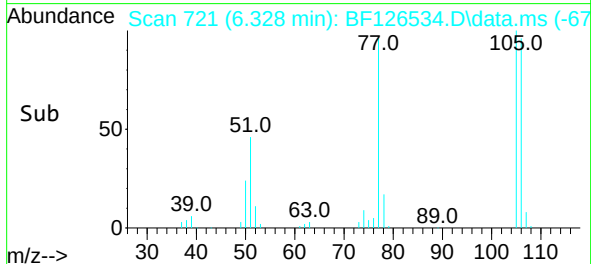
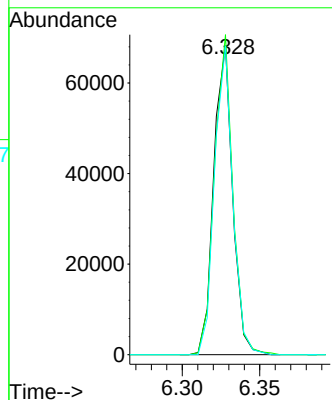
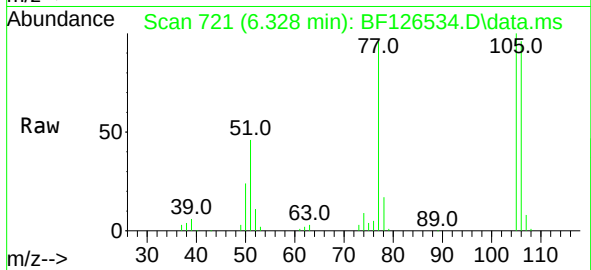
#9
Benzaldehyde
Concen: 10.382 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB141753BS

Tgt Ion: 77 Resp: 57810
Ion Ratio Lower Upper
77 100
105 103.7 74.9 114.9
106 100.1 72.4 112.4

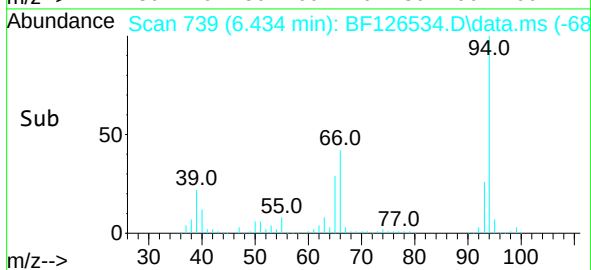
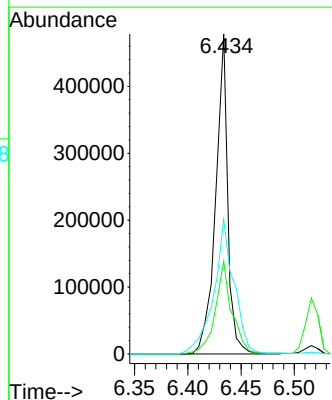
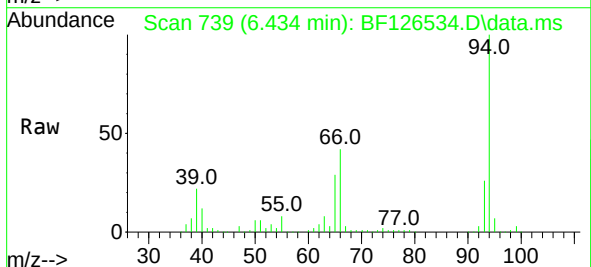
Manual Integrations
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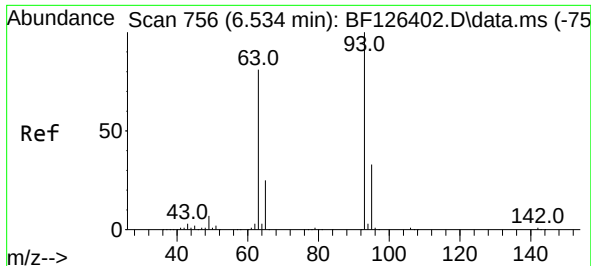
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#10
Phenol
Concen: 37.874 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

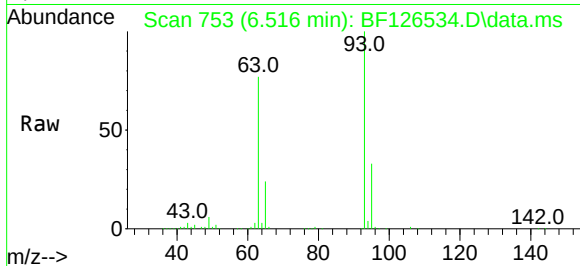
Tgt Ion: 94 Resp: 380237
Ion Ratio Lower Upper
94 100
65 29.0 7.2 47.2
66 42.0 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 40.151 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

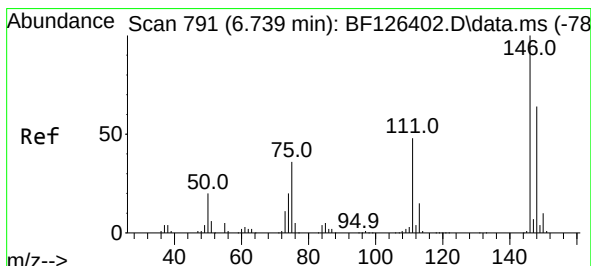
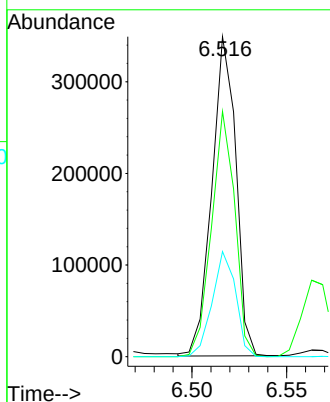
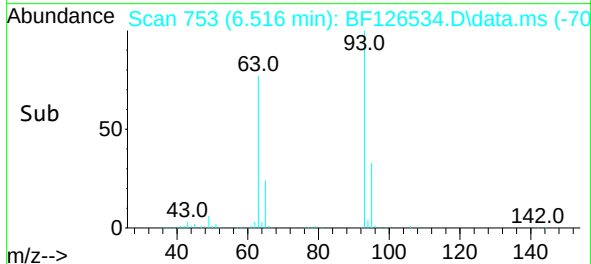
Instrument :
BNA_F
ClientSampleId :
PB141753BS



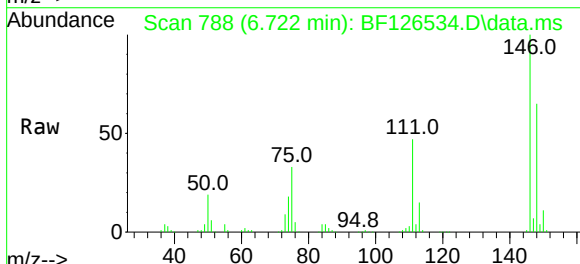
Tgt Ion: 93 Resp: 307790
Ion Ratio Lower Upper
93 100
63 76.6 60.5 100.5
95 32.9 12.9 52.9

Manual Integrations
APPROVED

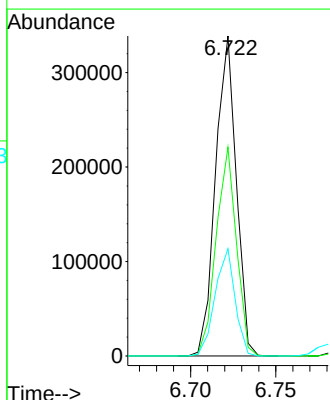
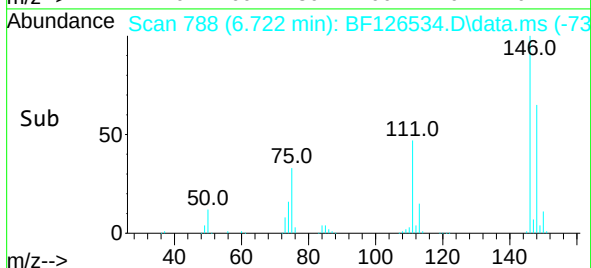
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

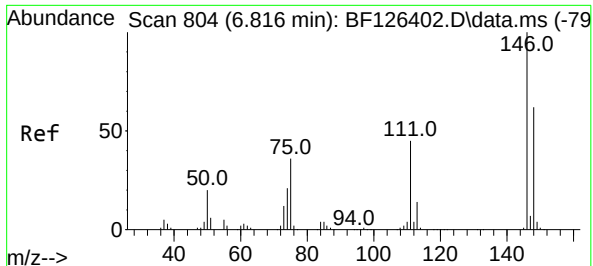


#12
1,3-Dichlorobenzene
Concen: 41.455 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:146 Resp: 286943
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
75 33.5 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 42.439 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

Tgt Ion:146 Resp: 29322

Ion Ratio Lower Upper

146 100

148 62.3 49.8 74.6

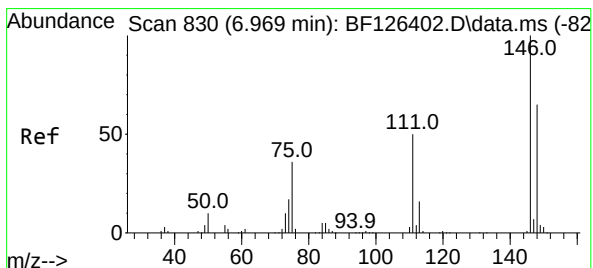
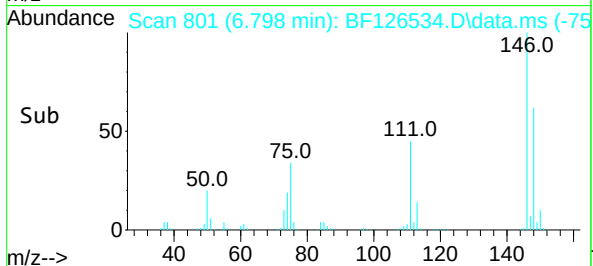
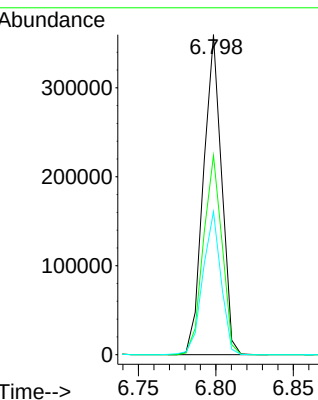
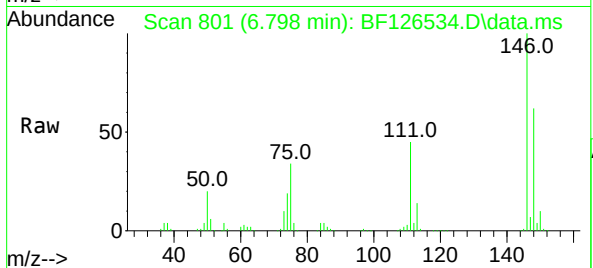
111 44.7 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022



#14

1,2-Dichlorobenzene

Concen: 42.233 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

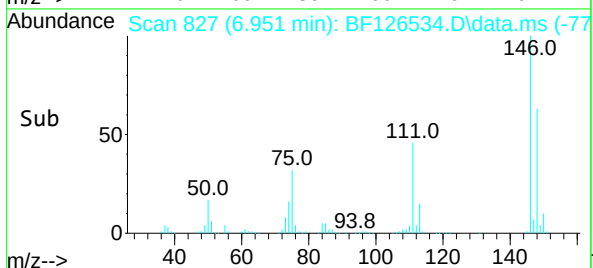
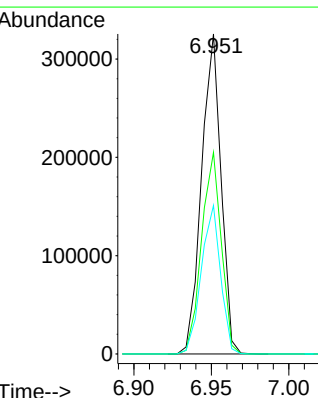
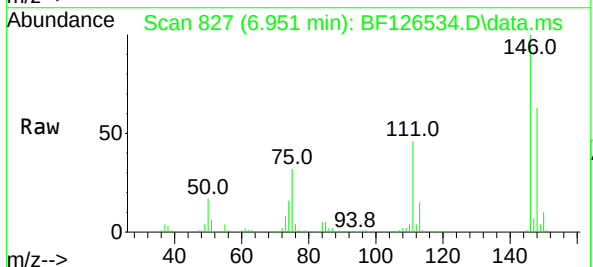
Tgt Ion:146 Resp: 284317

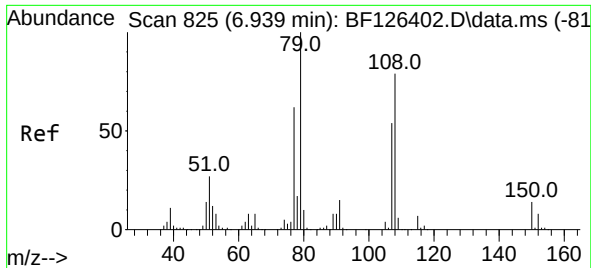
Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

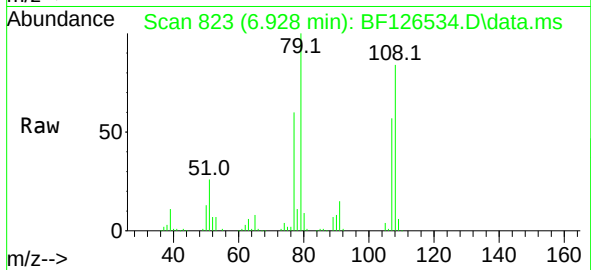
111 46.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 39.092 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

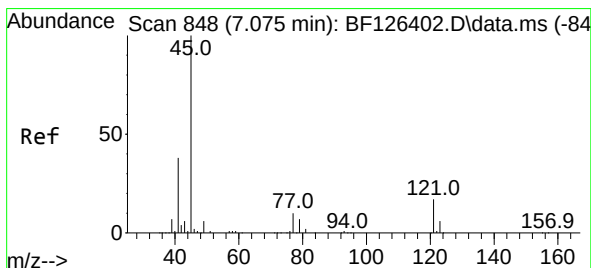
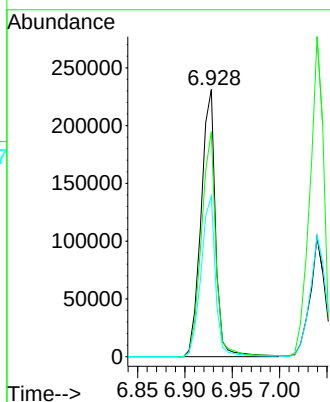
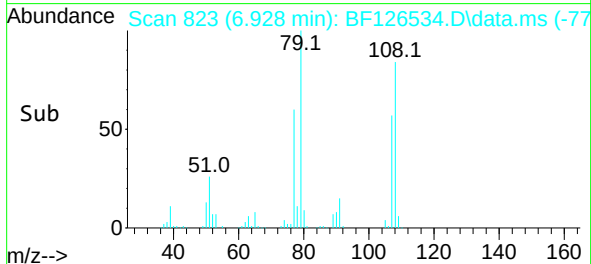
Instrument :
BNA_F
ClientSampleId :
PB141753BS



Tgt Ion: 79 Resp: 246060
Ion Ratio Lower Upper
79 100
108 84.2 63.2 94.8
77 60.1 49.4 74.2

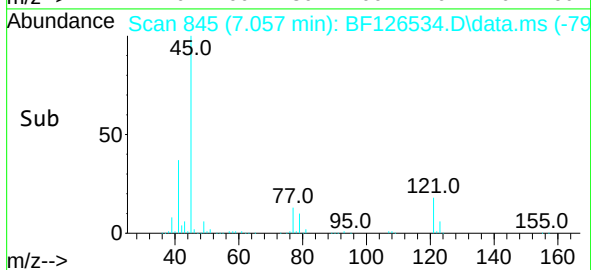
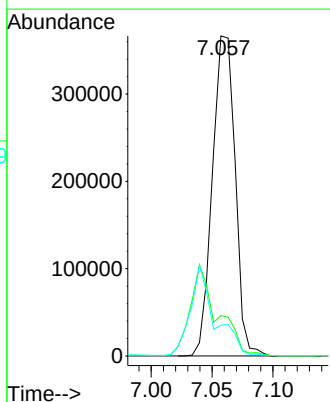
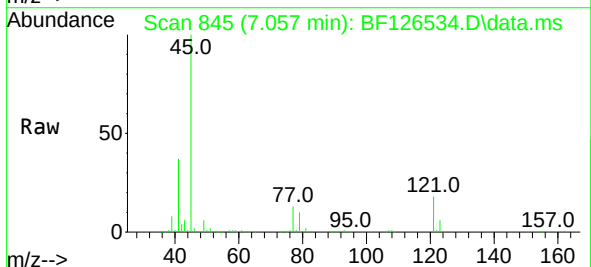
Manual Integrations
APPROVED

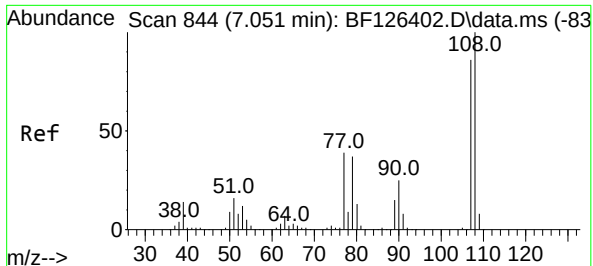
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.713 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

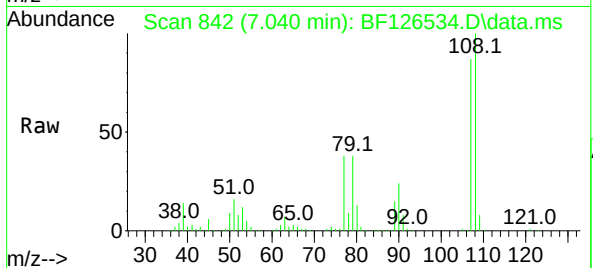
Tgt Ion: 45 Resp: 478116
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.4
79 9.7 0.0 29.8





#17
2-Methylphenol
Concen: 39.935 ng
RT: 7.040 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

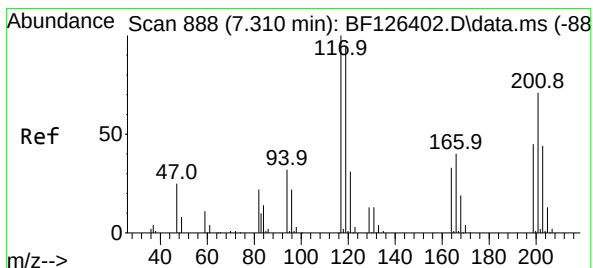
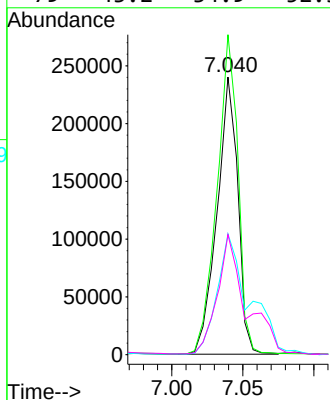
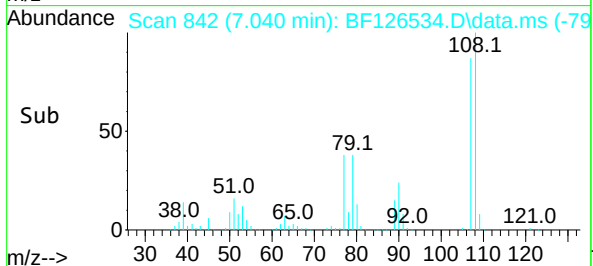
Instrument :
BNA_F
ClientSampleId :
PB141753BS



Tgt Ion:107 Resp: 243324
Ion Ratio Lower Upper
107 100
108 115.3 93.4 140.0
77 43.5 36.1 54.1
79 43.2 34.9 52.3

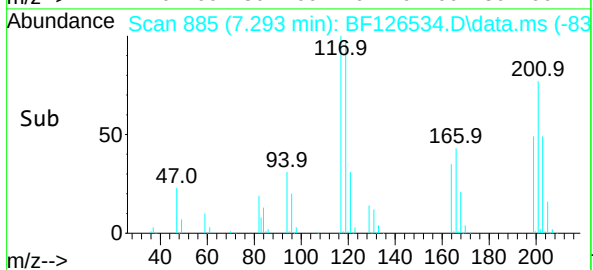
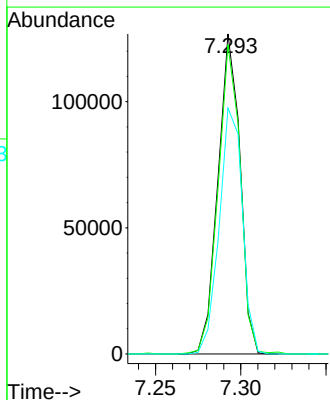
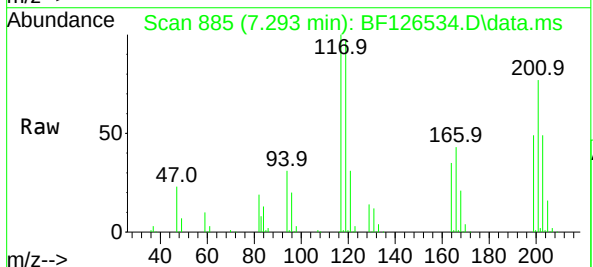
Manual Integrations
APPROVED

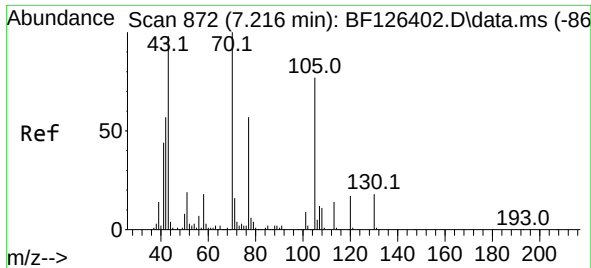
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#18
Hexachloroethane
Concen: 41.514 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:117 Resp: 114280
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0
201 76.8 56.8 85.2





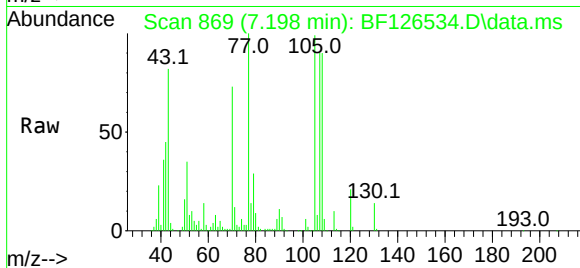
#19
n-Nitroso-di-n-propylamine
Concen: 38.505 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

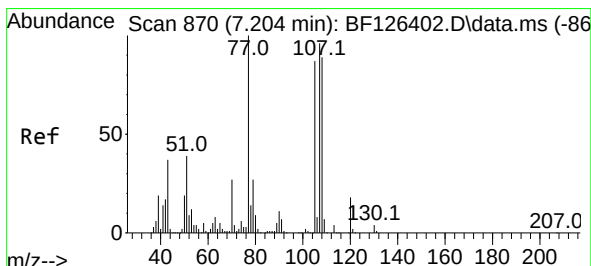
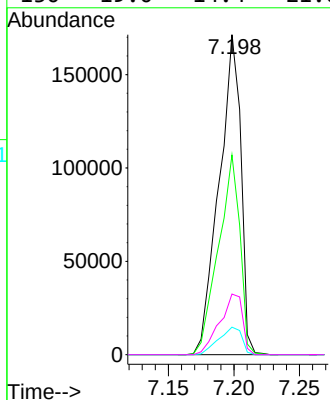
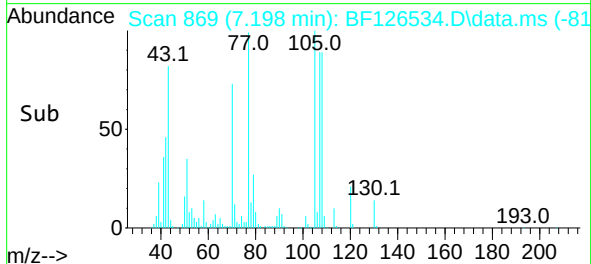


Tgt Ion: 70 Resp: 19766
Ion Ratio Lower Upper
70 100
42 62.4 45.8 68.8
101 8.6 6.9 10.3
130 19.0 14.4 21.6

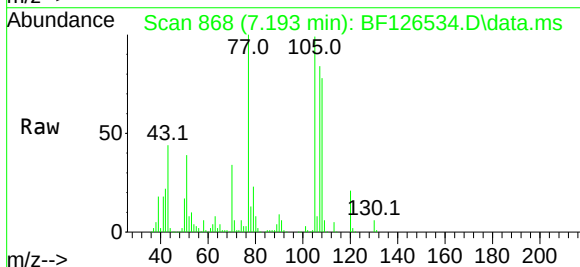
Manual Integrations

APPROVED

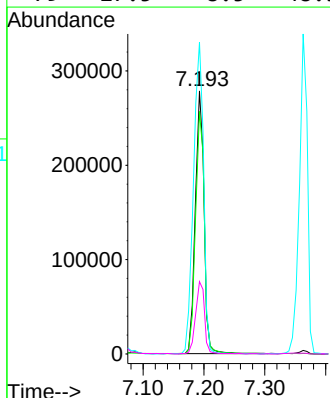
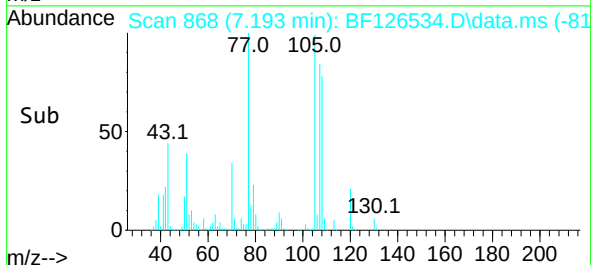
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

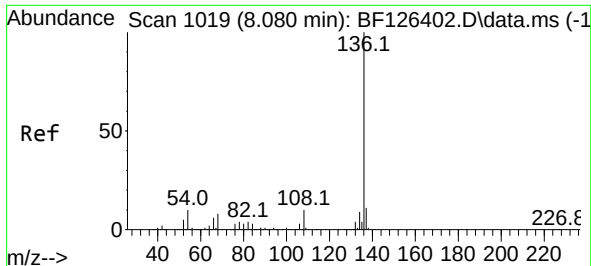


#20
3+4-Methylphenols
Concen: 38.142 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:107 Resp: 276680
Ion Ratio Lower Upper
107 100
108 92.1 72.4 112.4
77 118.5 83.8 123.8
79 27.5 8.5 48.5





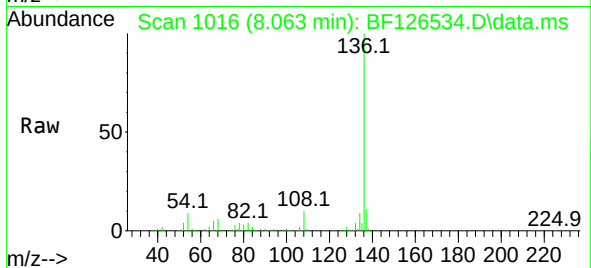
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

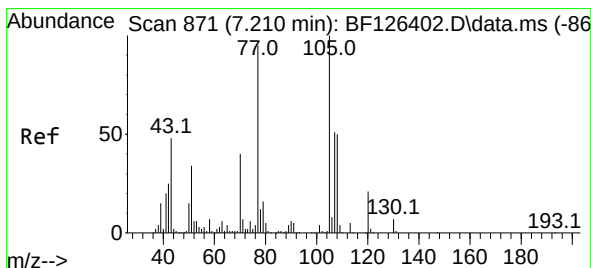
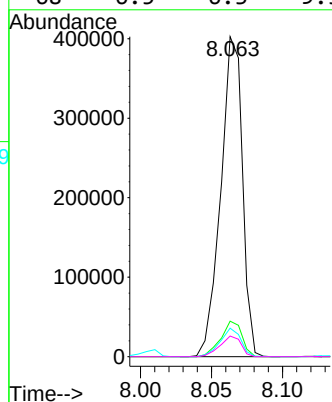
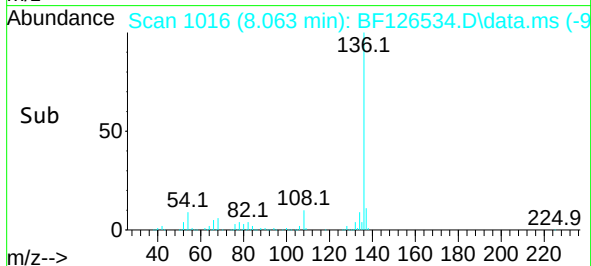


Tgt Ion:136 Resp: 426324
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.8 11.6
68 6.5 6.3 9.5

Manual Integrations

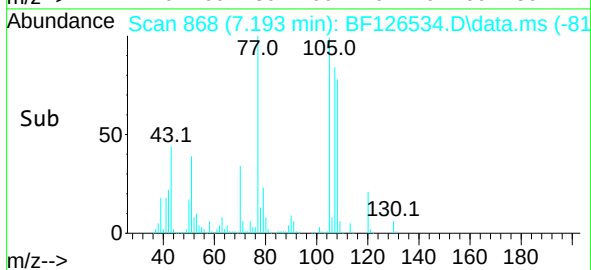
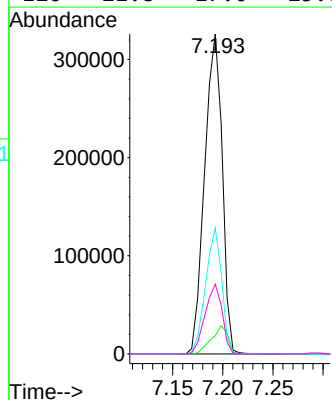
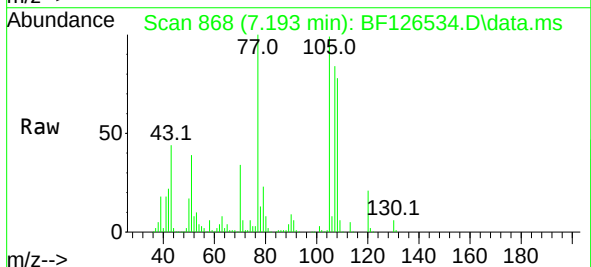
APPROVED

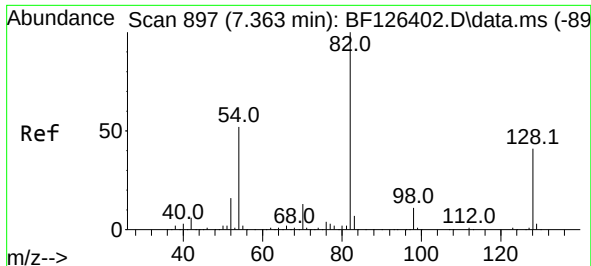
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#22
Acetophenone
Concen: 40.473 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:105 Resp: 398896
Ion Ratio Lower Upper
105 100
71 5.7 5.4 8.0
51 39.3 27.4 41.0
120 21.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 70.211 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

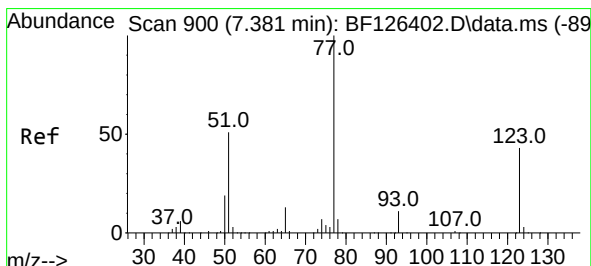
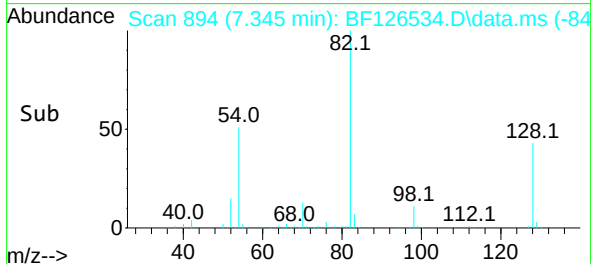
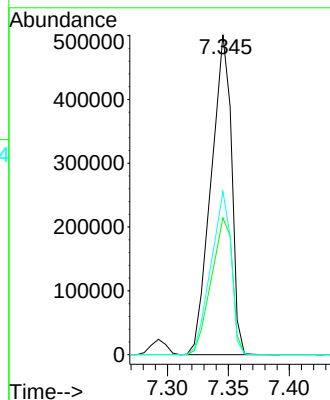
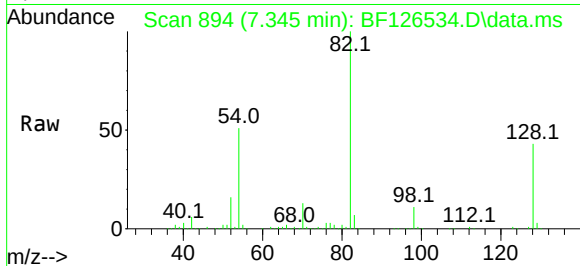
ClientSampleId :

PB141753BS

Tgt Ion: 82 Resp: 582959
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 51.0 41.7 62.5

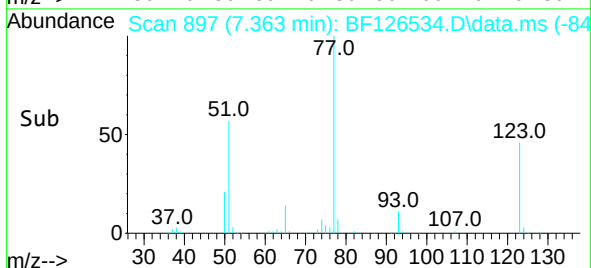
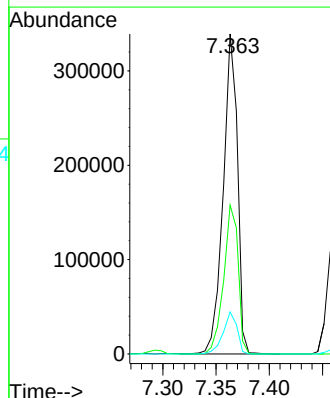
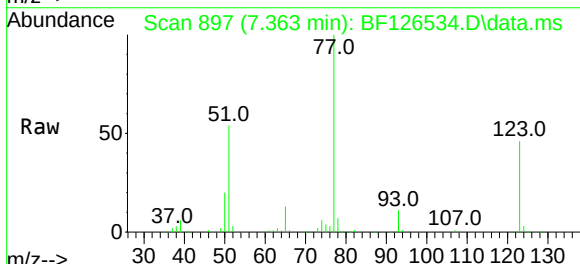
Manual Integrations
APPROVED

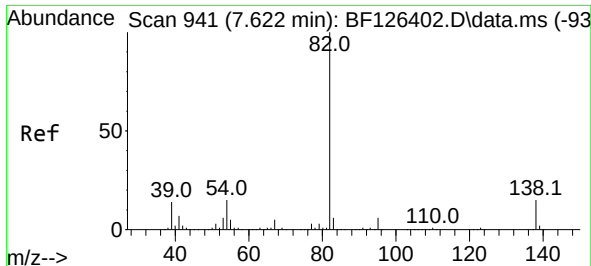
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#24
Nitrobenzene
Concen: 37.954 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

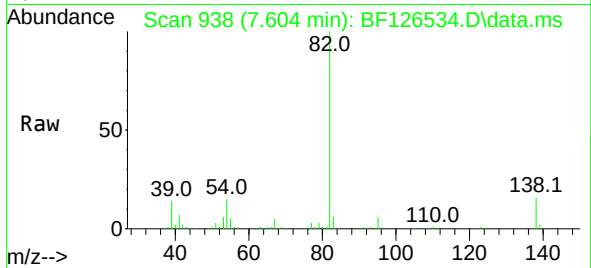
Tgt Ion: 77 Resp: 315343
Ion Ratio Lower Upper
77 100
123 46.5 34.6 52.0
65 13.2 10.6 15.8





#25
Isophorone
Concen: 38.198 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

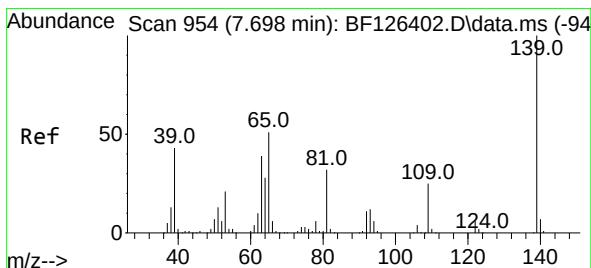
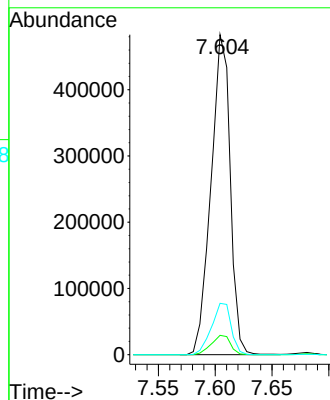
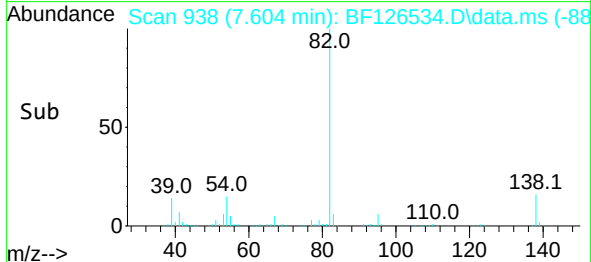
Instrument :
BNA_F
ClientSampleId :
PB141753BS



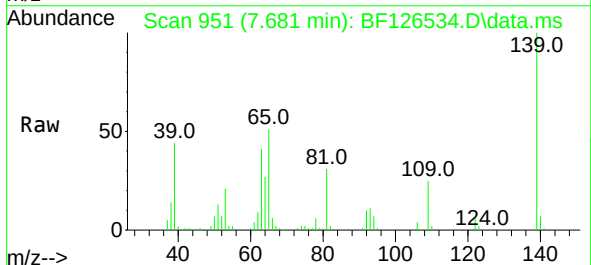
Tgt Ion: 82 Resp: 56775
Ion Ratio Lower Upper
82 100
95 6.0 5.0 7.4
138 16.1 12.3 18.5

Manual Integrations
APPROVED

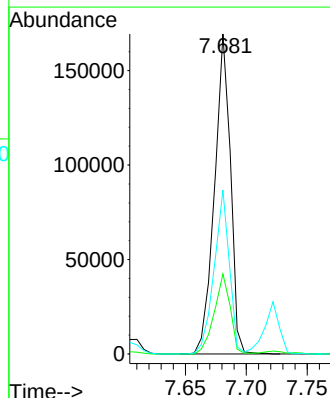
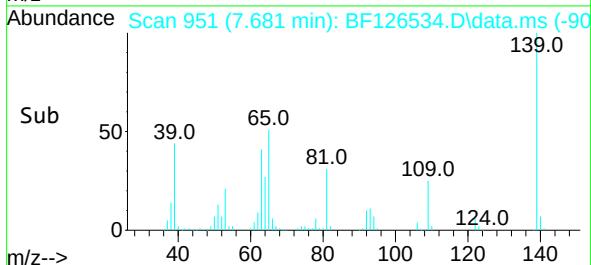
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

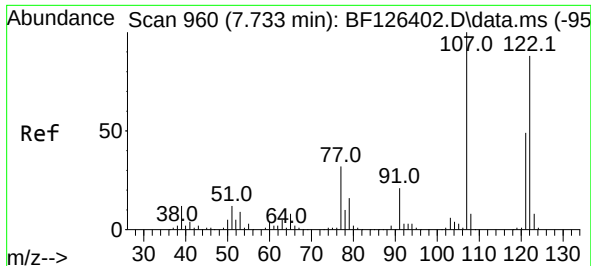


#26
2-Nitrophenol
Concen: 41.822 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:139 Resp: 154041
Ion Ratio Lower Upper
139 100
109 25.0 20.0 30.0
65 51.2 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 46.641 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126534.D

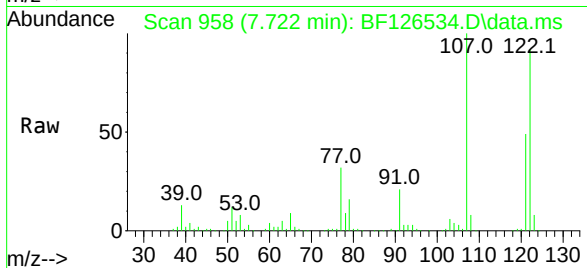
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS



Tgt Ion:122 Resp: 268610

Ion Ratio Lower Upper

122 100

107 108.9 91.2 136.8

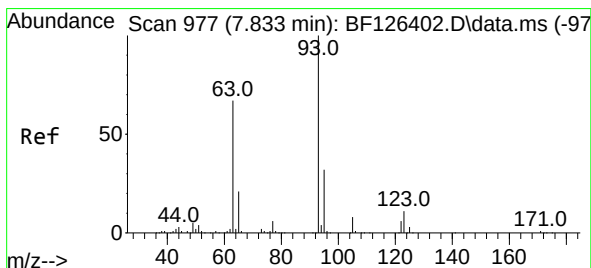
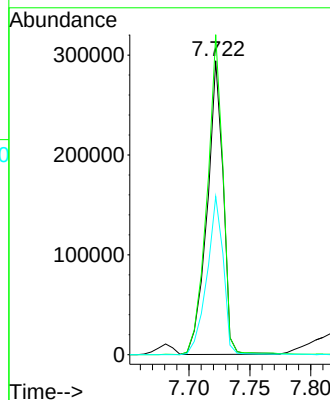
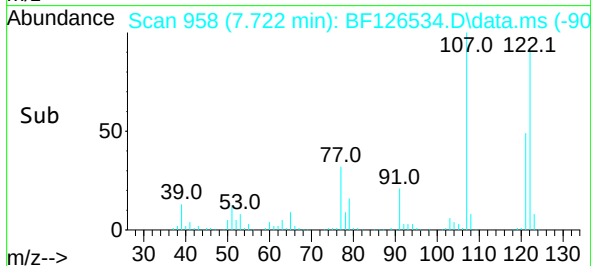
121 53.8 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 37.722 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

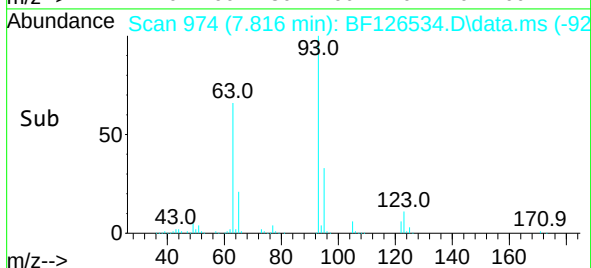
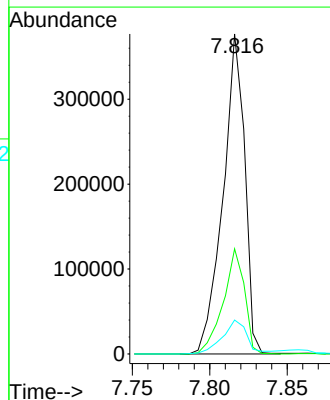
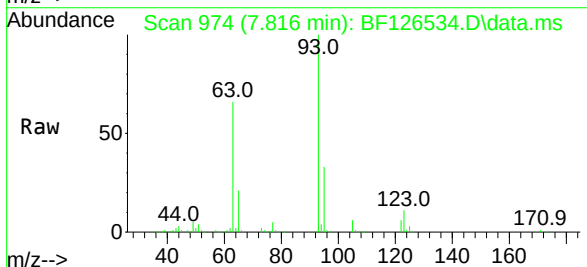
Tgt Ion: 93 Resp: 366274

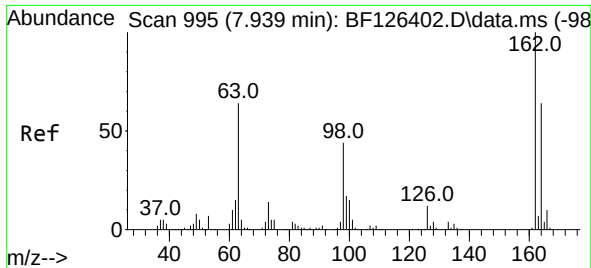
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.2

123 10.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 41.749 ng

RT: 7.928 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

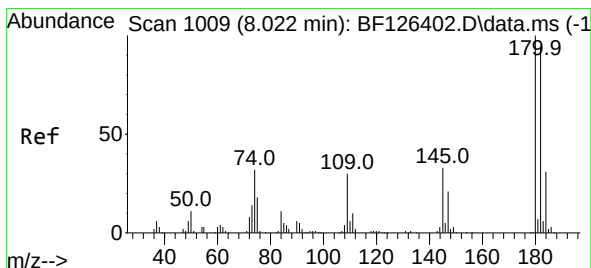
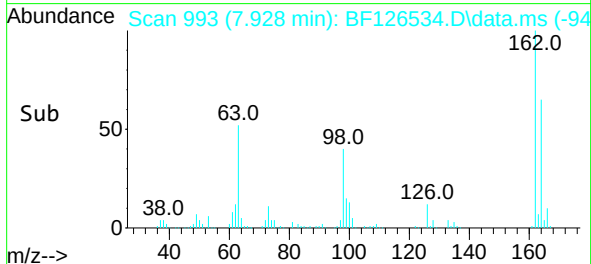
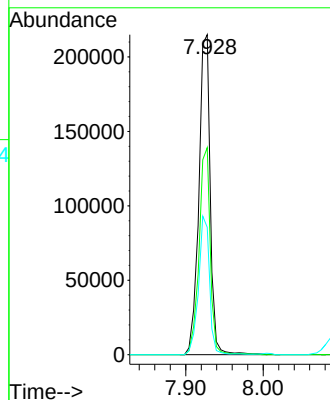
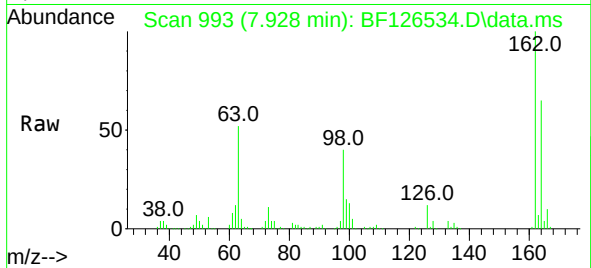
PB141753BS

Tgt Ion:162 Resp: 21954
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.8 83.8
 98 39.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.125 ng

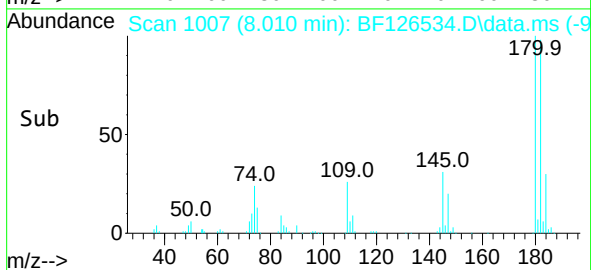
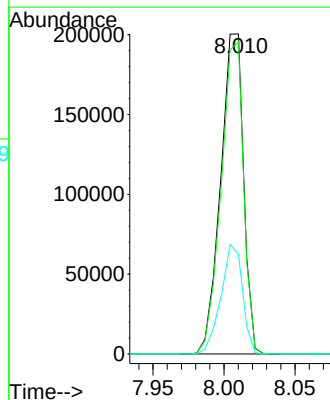
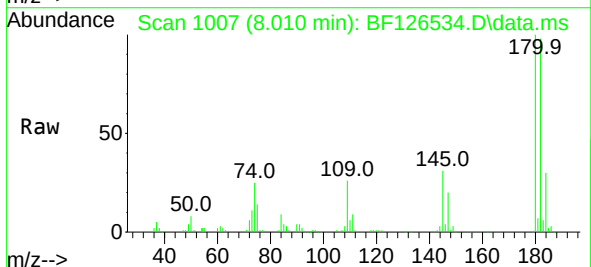
RT: 8.010 min Scan# 1007

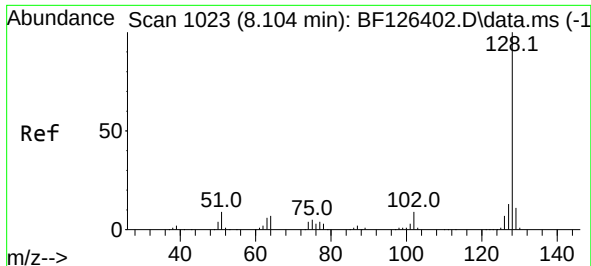
Delta R.T. 0.000 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Tgt Ion:180 Resp: 225398
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.5 113.3
 145 31.2 26.2 39.2





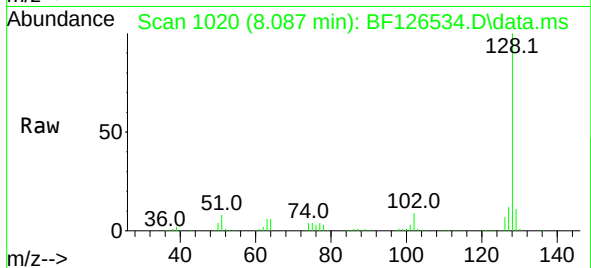
#31
Naphthalene
Concen: 41.351 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

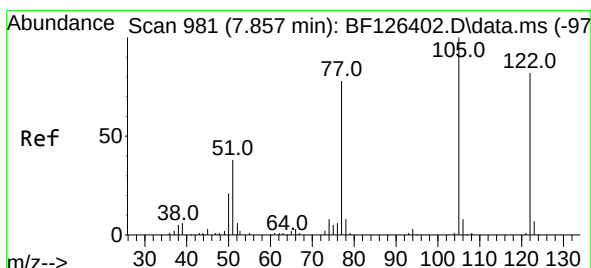
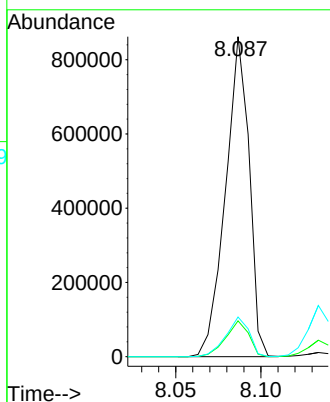
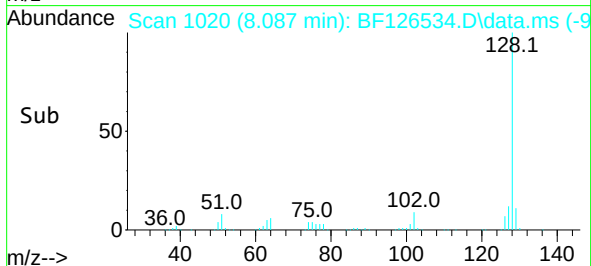


Tgt Ion:128 Resp: 83208
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.4 10.3 15.5

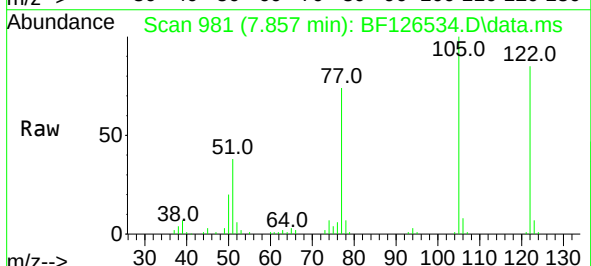
Manual Integrations

APPROVED

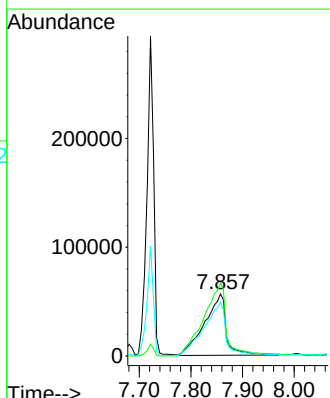
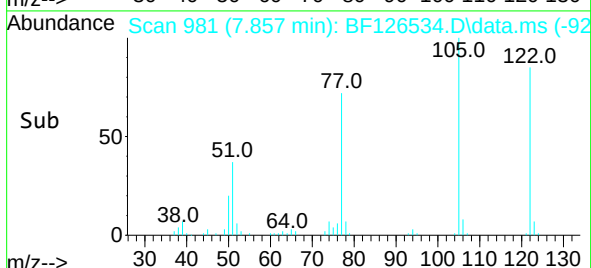
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

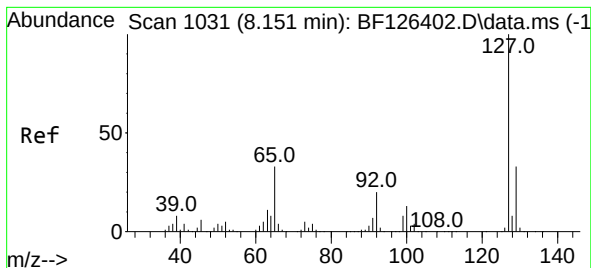


#32
Benzoic acid
Concen: 40.792 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:122 Resp: 165225
Ion Ratio Lower Upper
122 100
105 117.6 101.0 141.0
77 86.6 74.5 114.5





#33
4-Chloroaniline
Concen: 18.109 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

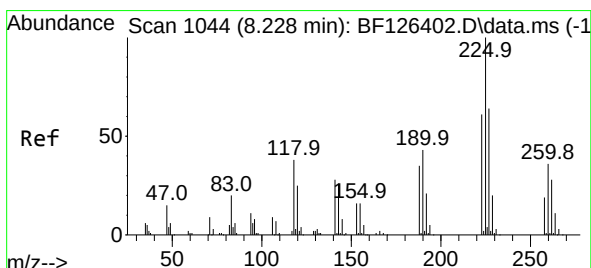
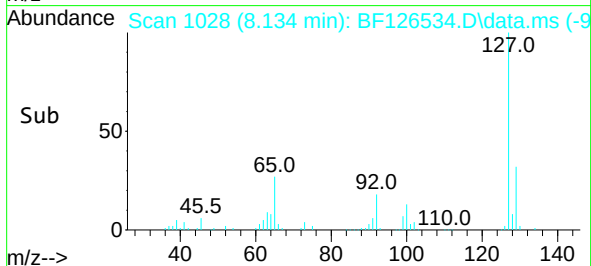
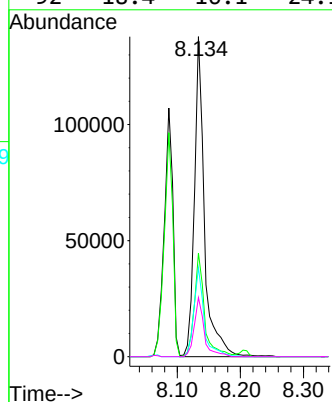
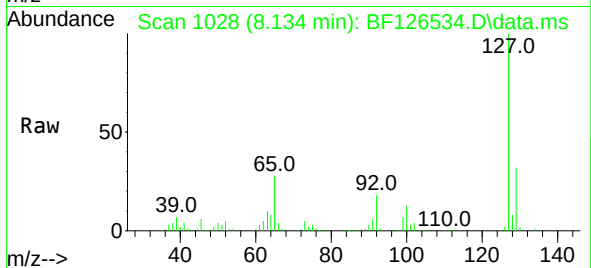
PB141753BS

Tgt Ion:127 Resp: 15265
Ion Ratio Lower Upper
127 100
129 32.3 26.5 39.7
65 27.8 26.6 39.8
92 18.4 16.1 24.1

Manual Integrations

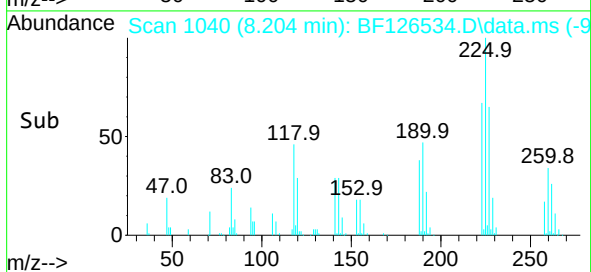
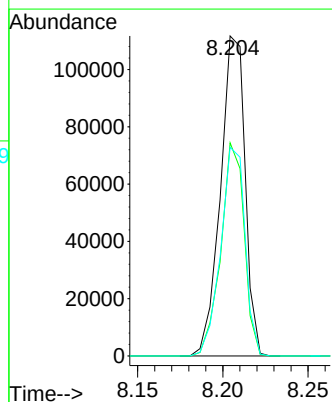
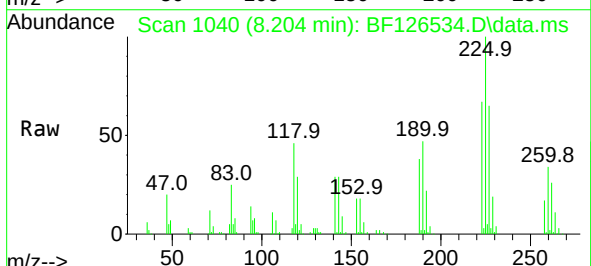
APPROVED

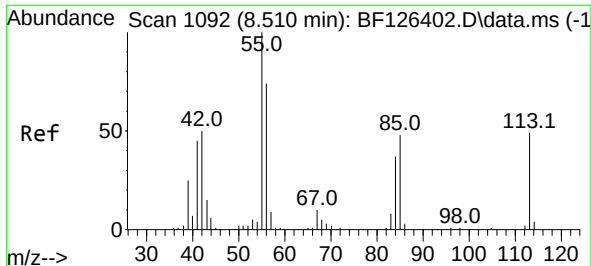
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#34
Hexachlorobutadiene
Concen: 42.186 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

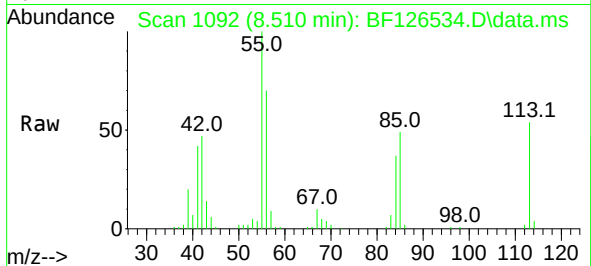
Tgt Ion:225 Resp: 112379
Ion Ratio Lower Upper
225 100
223 66.6 48.6 73.0
227 65.2 51.4 77.0





#35
Caprolactam
Concen: 59.822 ng m
RT: 8.510 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

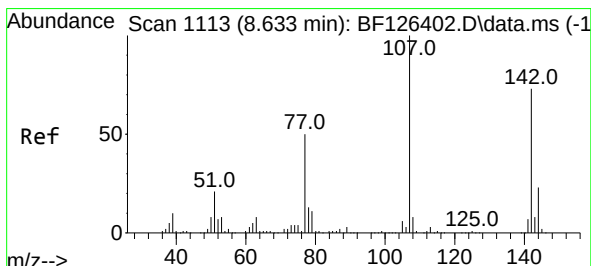
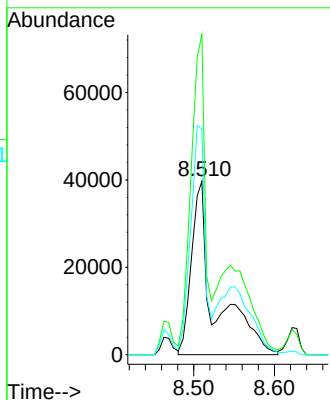
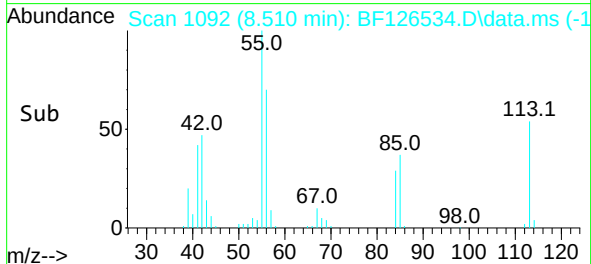
Instrument :
BNA_F
ClientSampleId :
PB141753BS



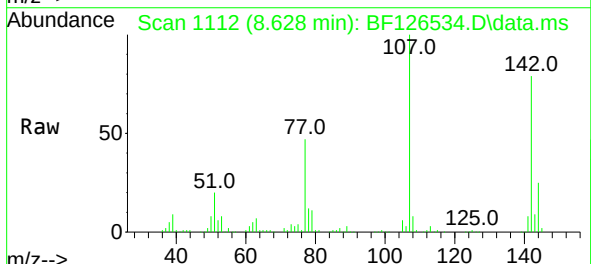
Tgt Ion:113 Resp: 80030
Ion Ratio Lower Upper
113 100
55 184.4 183.9 223.9
56 130.0 129.9 169.9

Manual Integrations
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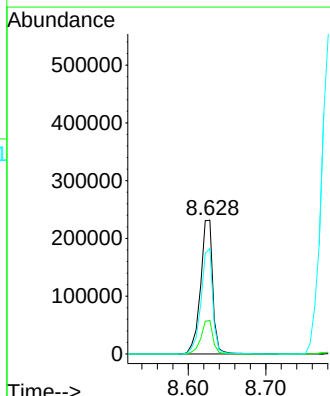
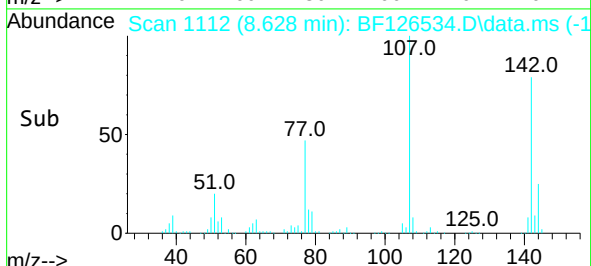
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

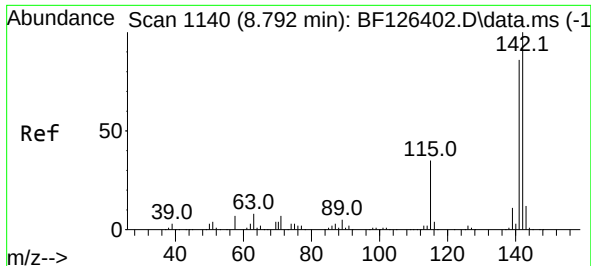


#36
4-Chloro-3-methylphenol
Concen: 39.676 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:107 Resp: 254634
Ion Ratio Lower Upper
107 100
144 25.0 18.5 27.7
142 78.8 58.1 87.1





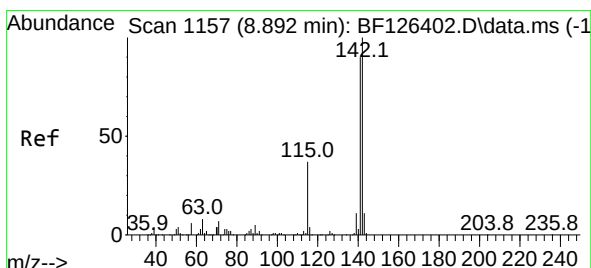
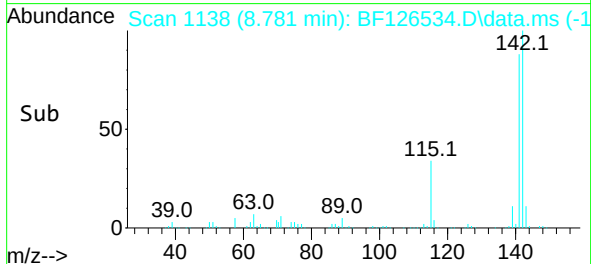
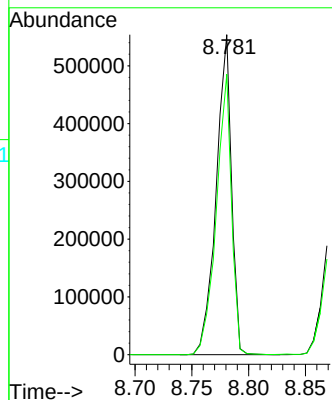
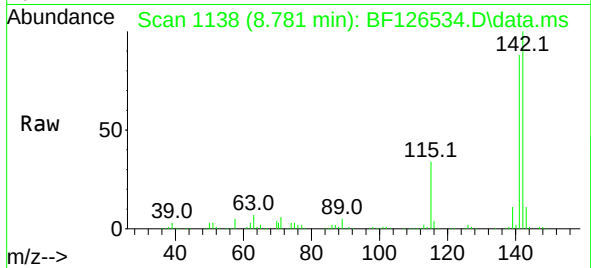
#37
2-Methylnaphthalene
Concen: 43.952 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB141753BS

Tgt Ion:142 Resp: 521728
Ion Ratio Lower Upper
142 100
141 87.6 68.6 102.8

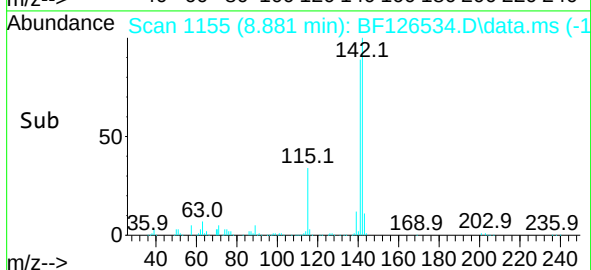
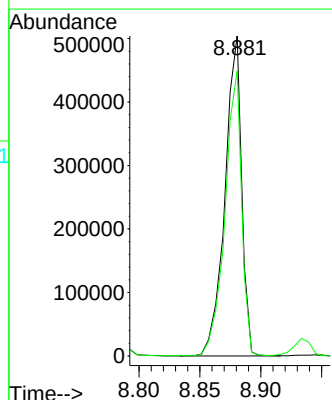
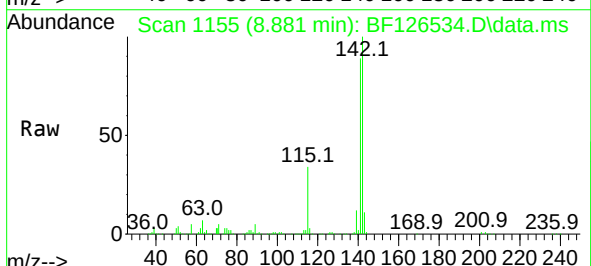
Manual Integrations
APPROVED

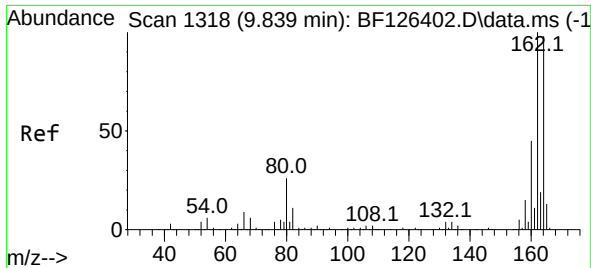
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#38
1-Methylnaphthalene
Concen: 42.058 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:142 Resp: 482688
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1





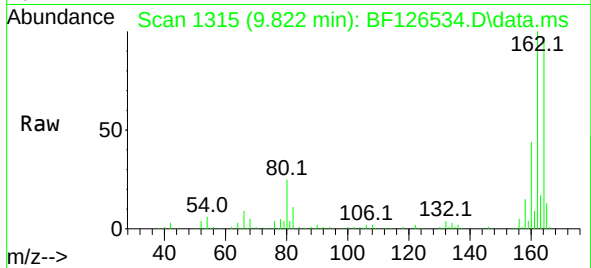
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

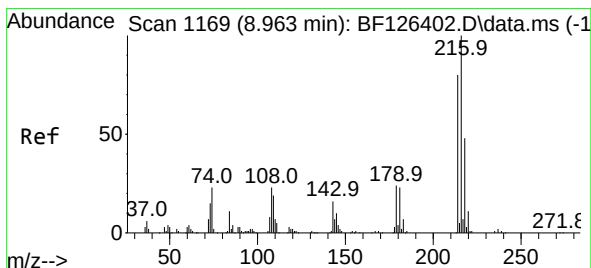
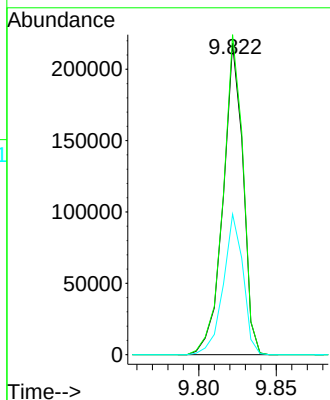
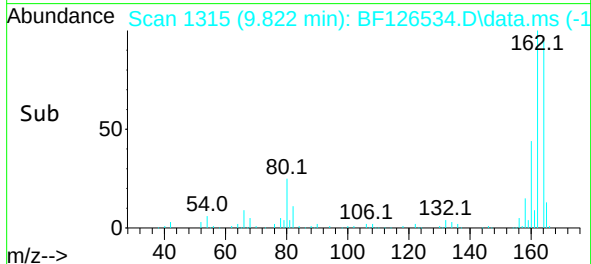


Tgt Ion:164 Resp: 19502
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 45.2 36.6 54.8

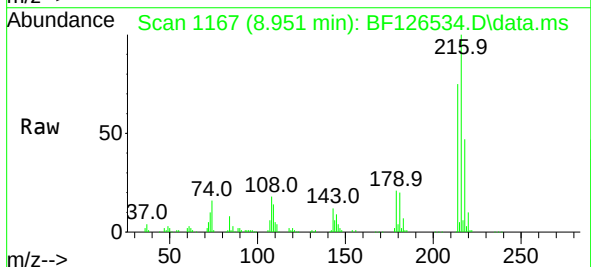
Manual Integrations

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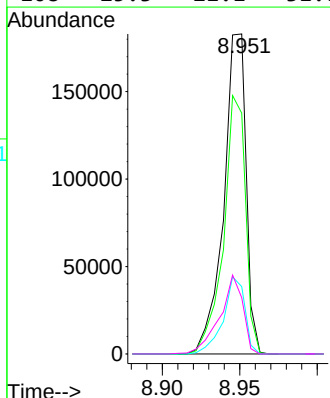
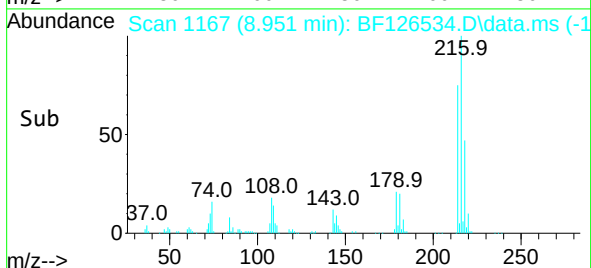
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

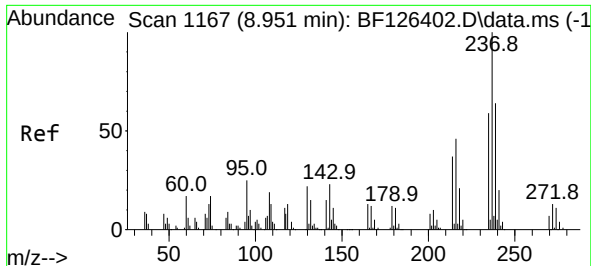


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.459 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



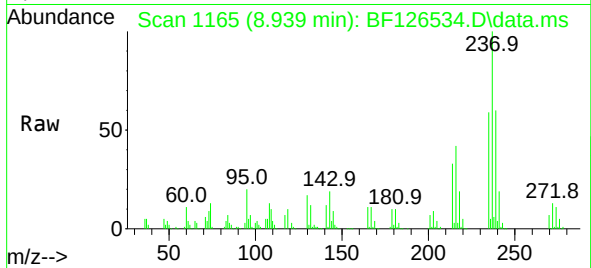
Tgt Ion:216 Resp: 184170
Ion Ratio Lower Upper
216 100
214 78.6 64.6 96.8
179 23.0 19.5 29.3
108 25.3 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 106.071 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

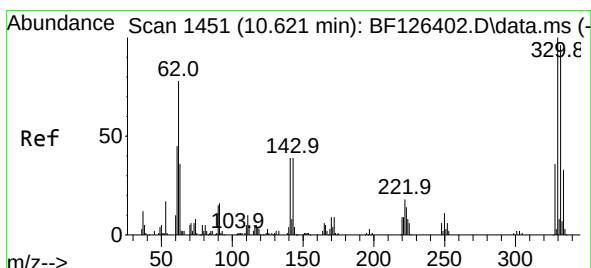
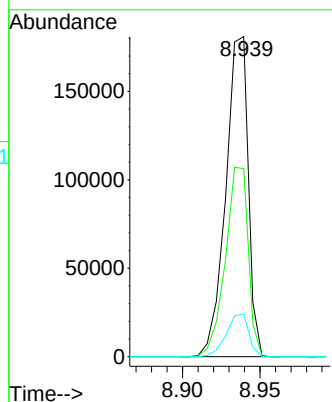
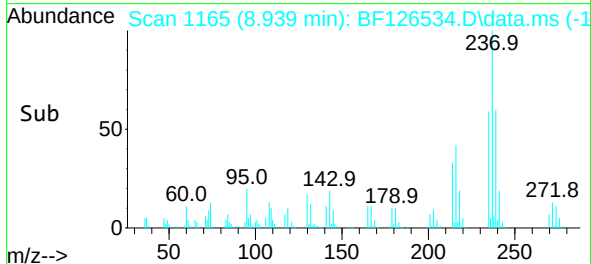
Instrument :
BNA_F
ClientSampleId :
PB141753BS



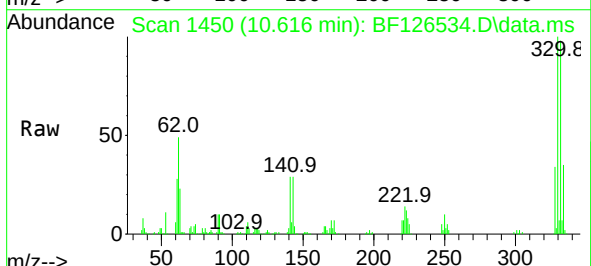
Tgt Ion: 237 Resp: 18301
Ion Ratio Lower Upper
237 100
235 58.7 38.9 78.9
272 13.4 0.0 33.5

Manual Integrations
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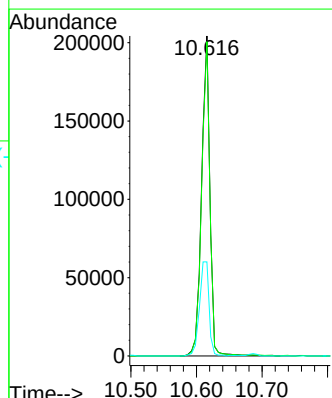
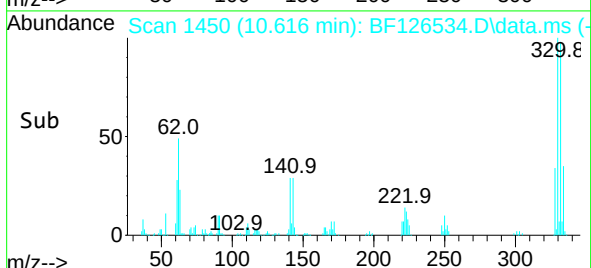
Reviewed By : Christian Giraldo 01/10/2022
Supervised By : Jagrut Upadhyay 01/10/2022

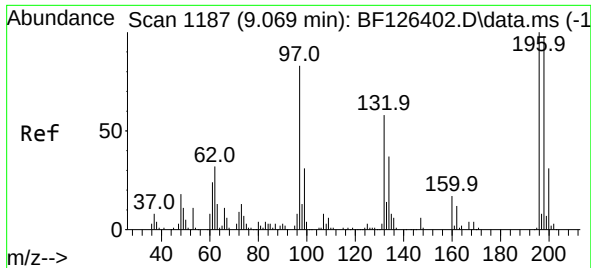


#42
2,4,6-Tribromophenol
Concen: 119.640 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



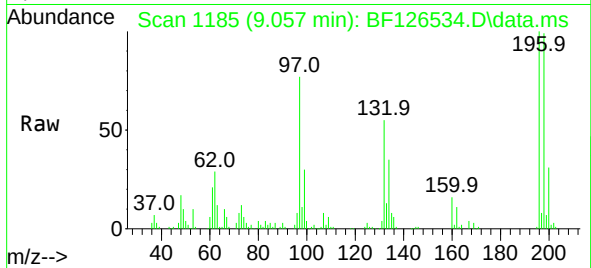
Tgt Ion: 330 Resp: 180301
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 34.0 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 41.441 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

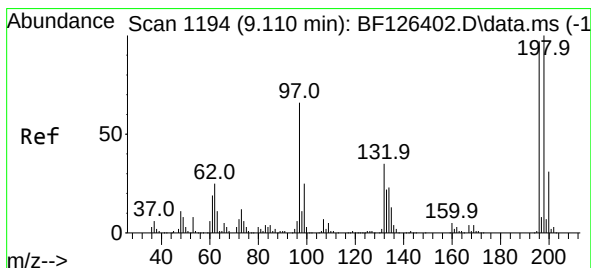
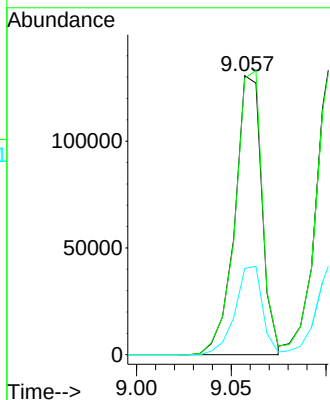
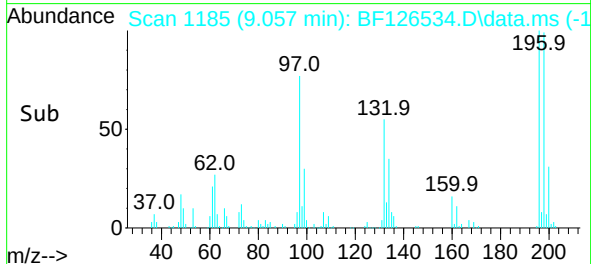
Instrument :
BNA_F
ClientSampleId :
PB141753BS



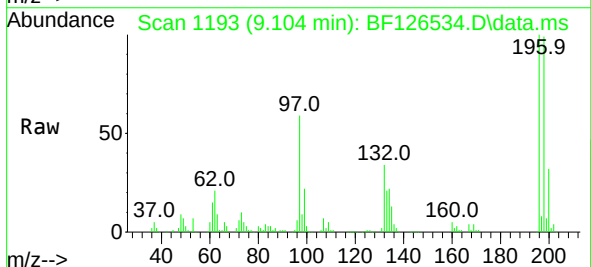
Tgt Ion:196 Resp: 12987
Ion Ratio Lower Upper
196 100
198 99.2 78.5 117.7
200 30.9 24.9 37.3

Manual Integrations
APPROVED

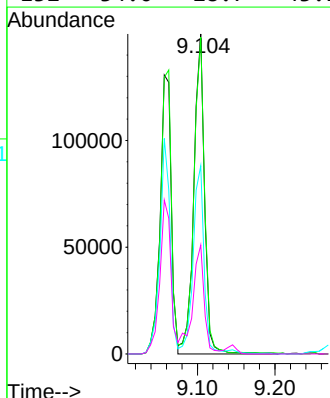
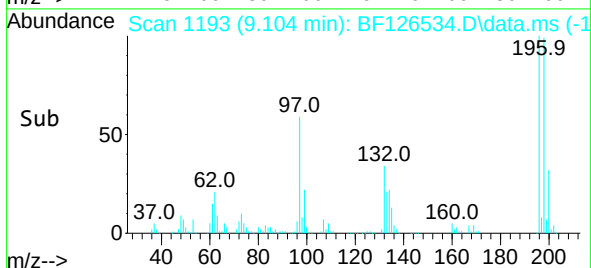
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

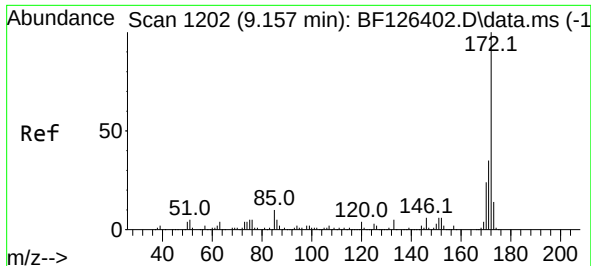


#44
2,4,5-Trichlorophenol
Concen: 42.794 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:196 Resp: 144362
Ion Ratio Lower Upper
196 100
198 99.0 82.0 123.0
97 58.8 53.5 80.3
132 34.0 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 75.167 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

Tgt Ion:172 Resp: 83304

Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

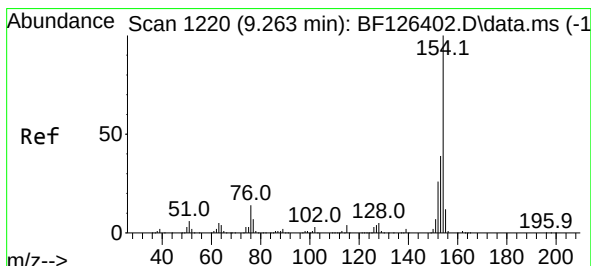
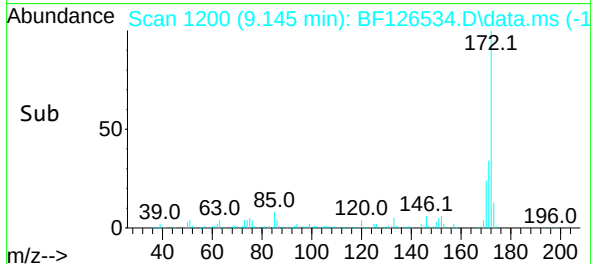
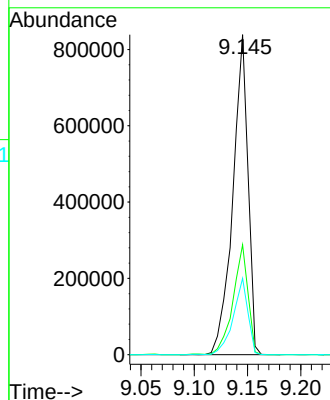
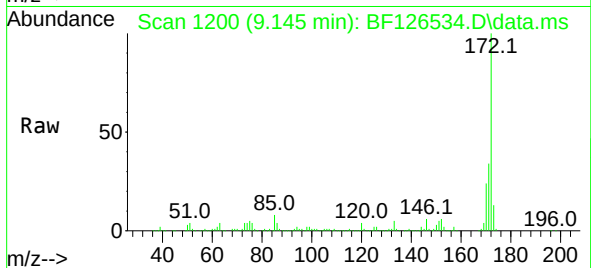
170 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022



#46

1,1'-Biphenyl

Concen: 42.673 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

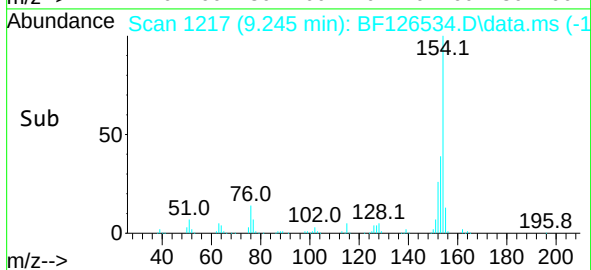
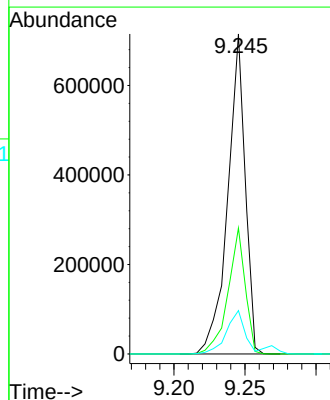
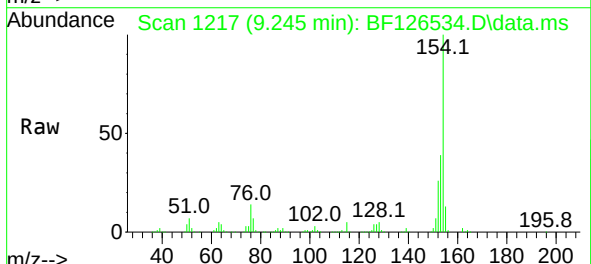
Tgt Ion:154 Resp: 610389

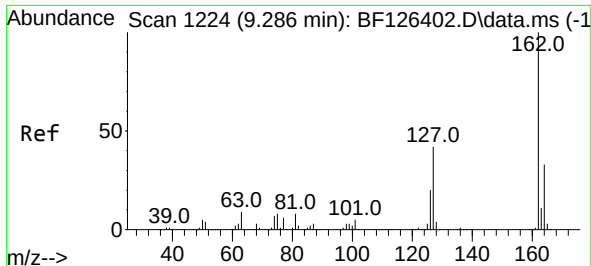
Ion Ratio Lower Upper

154 100

153 39.3 19.0 59.0

76 13.6 0.0 34.5





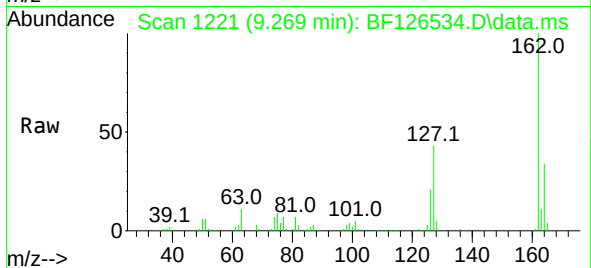
#47
2-Chloronaphthalene
Concen: 41.284 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

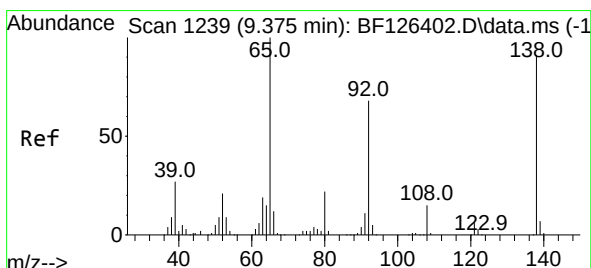
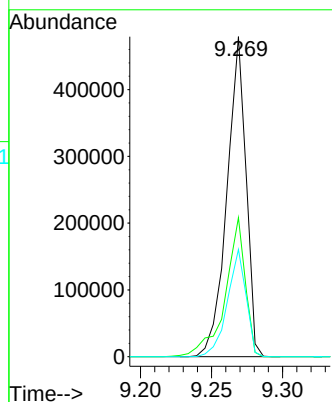


Tgt Ion:162 Resp: 447270
Ion Ratio Lower Upper
162 100
127 43.5 33.5 50.3
164 33.5 26.2 39.4

Manual Integrations

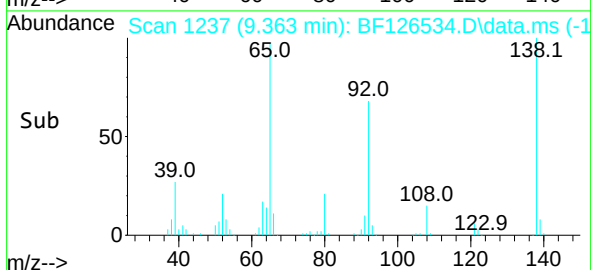
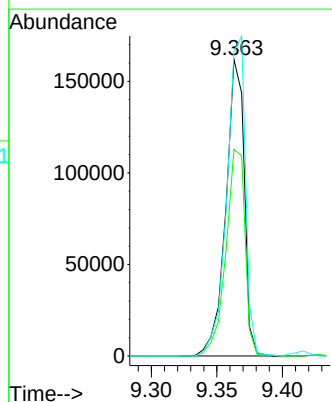
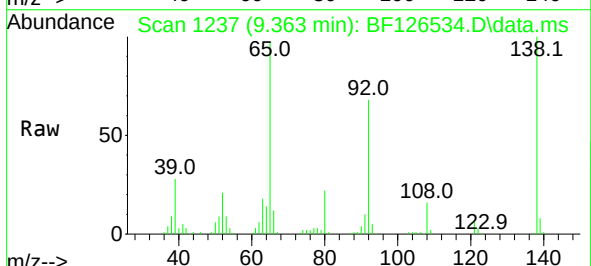
APPROVED

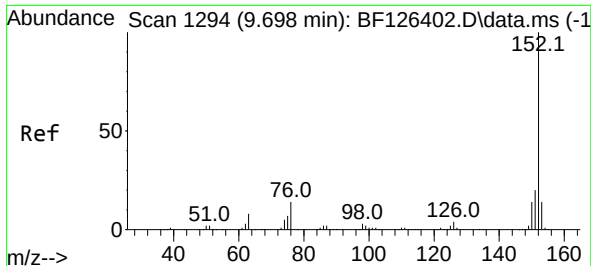
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#48
2-Nitroaniline
Concen: 36.082 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion: 65 Resp: 157858
Ion Ratio Lower Upper
65 100
92 69.7 54.4 81.6
138 102.7 72.5 108.7





#49

Acenaphthylene

Concen: 42.017 ng

RT: 9.686 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF126534.D

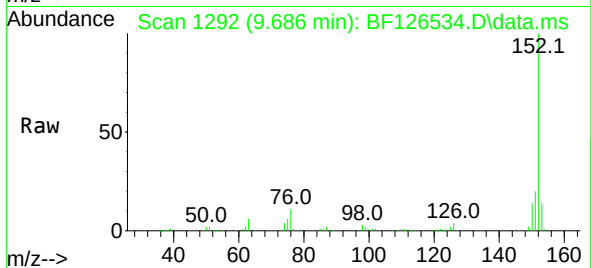
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS



Tgt Ion:152 Resp: 69040

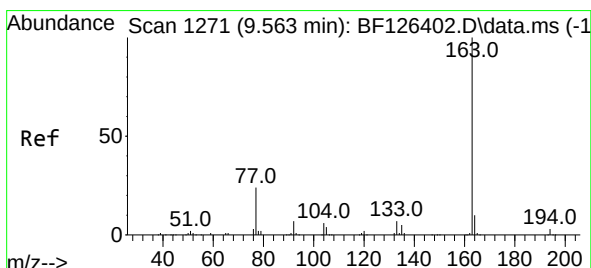
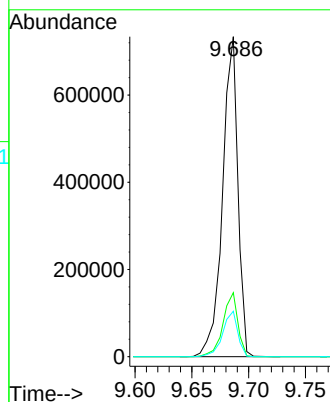
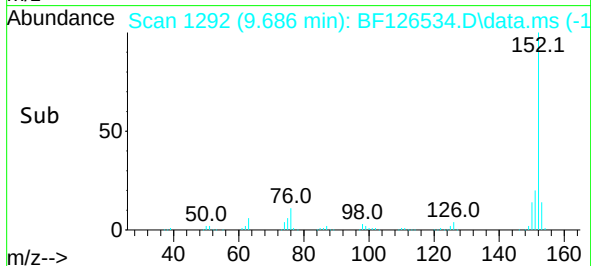
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	14.2	11.4	17.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022



#50

Dimethylphthalate

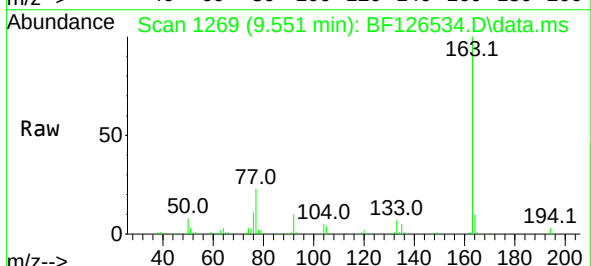
Concen: 41.210 ng

RT: 9.551 min Scan# 1269

Delta R.T. 0.000 min

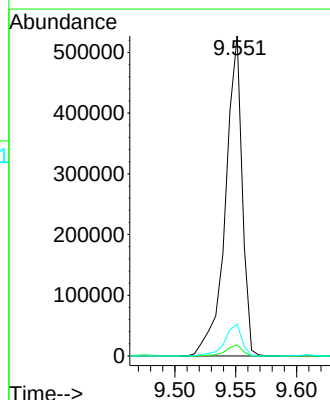
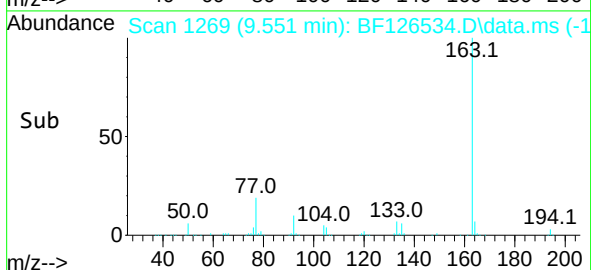
Lab File: BF126534.D

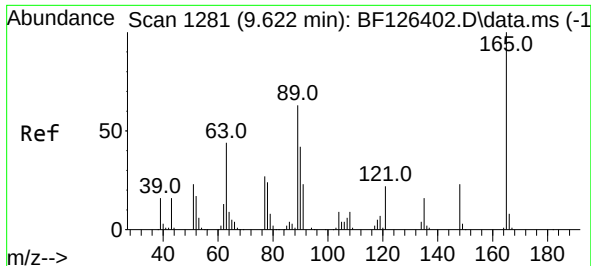
Acq: 7 Jan 2022 11:43



Tgt Ion:163 Resp: 501726

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	3.8
164	9.9	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 42.852 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

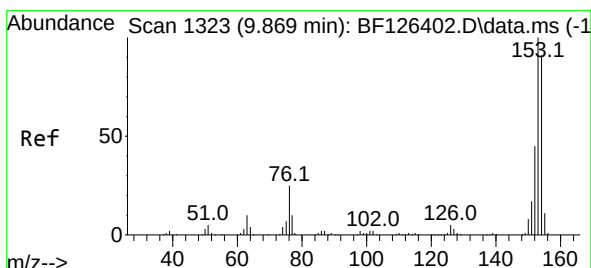
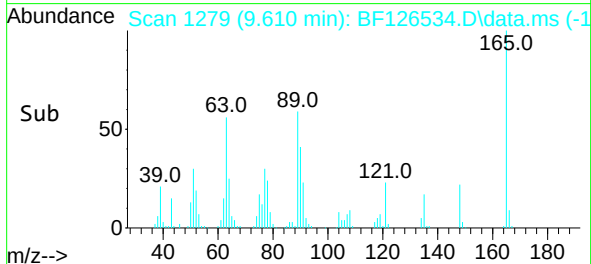
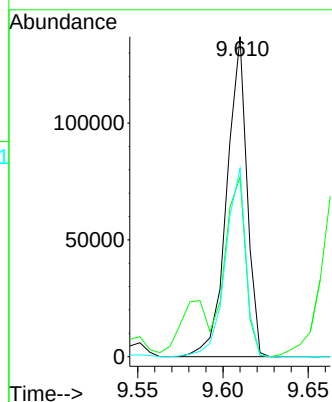
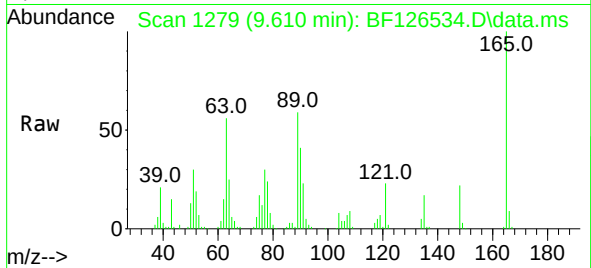
ClientSampleId :

PB141753BS

Tgt Ion:165 Resp: 11267
Ion Ratio Lower Upper
165 100
63 56.0 48.4 72.6
89 58.8 50.5 75.7

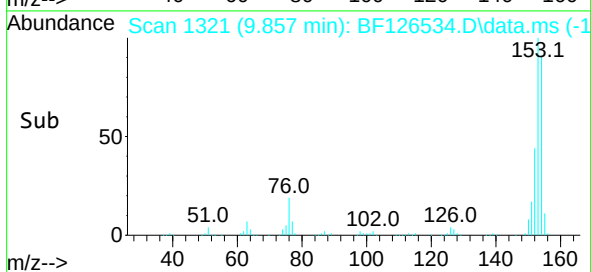
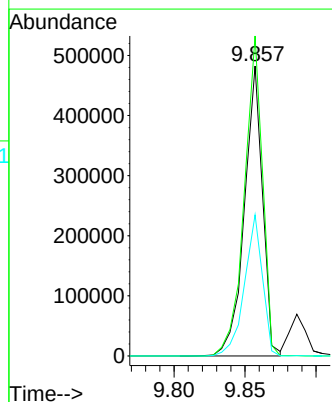
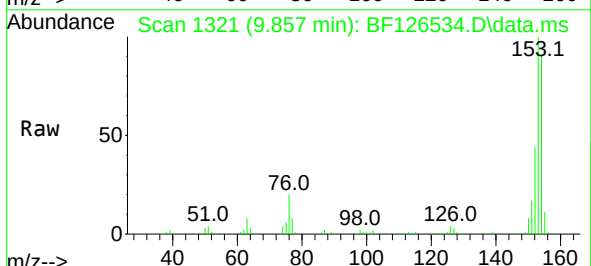
Manual Integrations
APPROVED

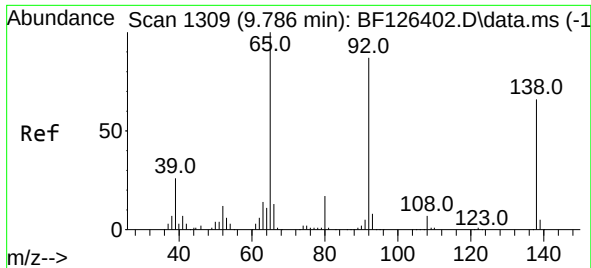
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#52
Acenaphthene
Concen: 39.902 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:154 Resp: 429845
Ion Ratio Lower Upper
154 100
153 110.4 87.8 131.6
152 48.7 39.4 59.2





#53
3-Nitroaniline
Concen: 24.554 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

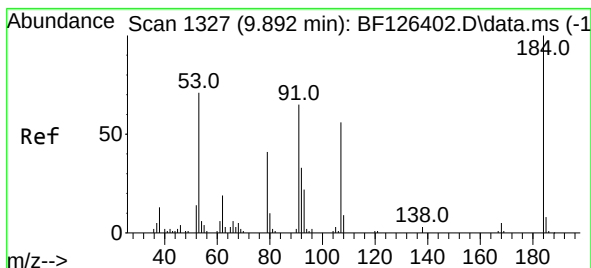
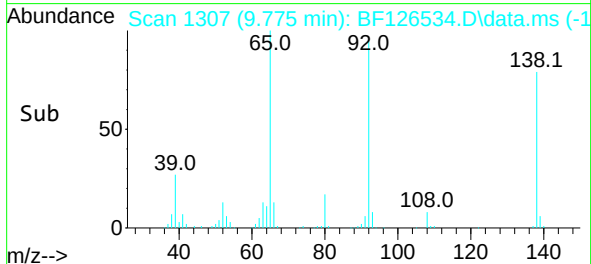
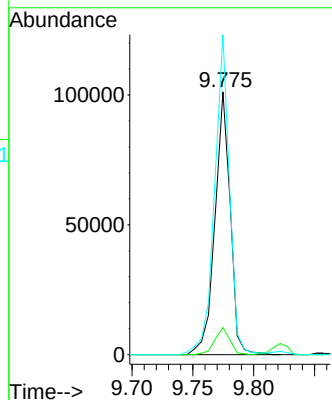
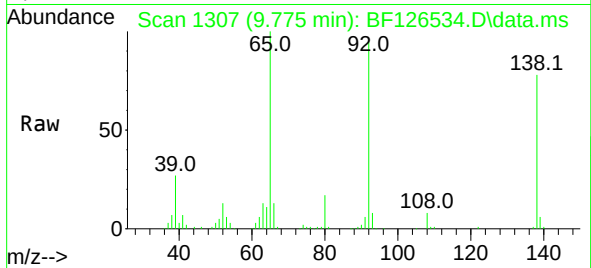
ClientSampleId :

PB141753BS

Tgt Ion:138 Resp: 8851
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 121.7 105.0 157.6

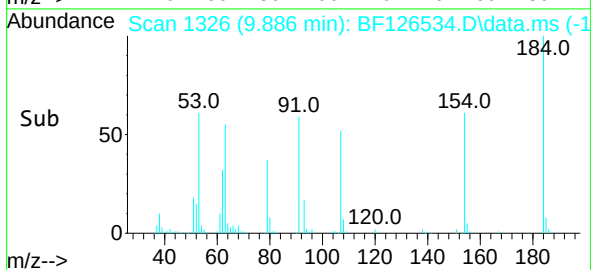
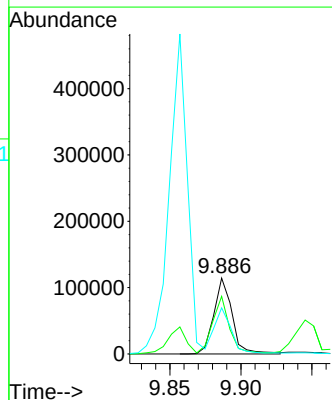
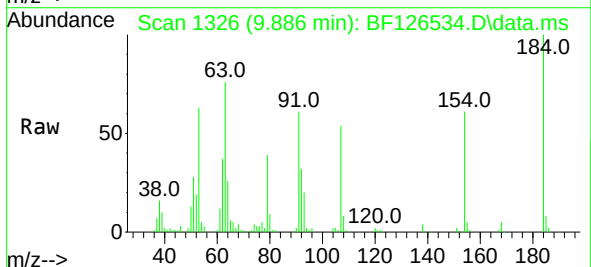
Manual Integrations
APPROVED

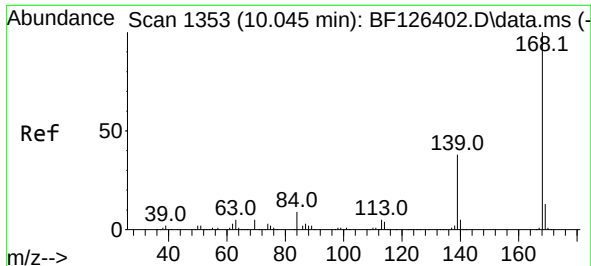
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#54
2,4-Dinitrophenol
Concen: 75.974 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:184 Resp: 102368
Ion Ratio Lower Upper
184 100
63 75.9 70.4 105.6
154 60.9 49.7 74.5





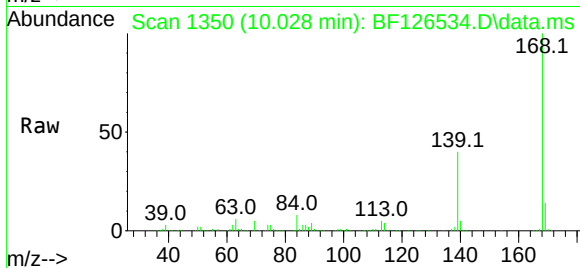
#55
Dibenzofuran
Concen: 40.415 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

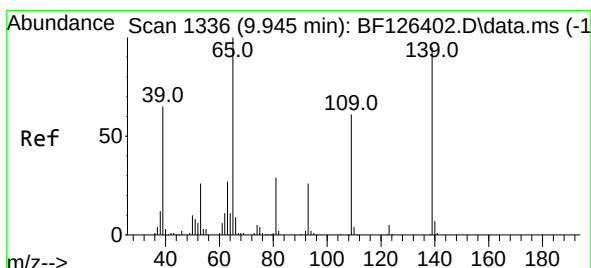
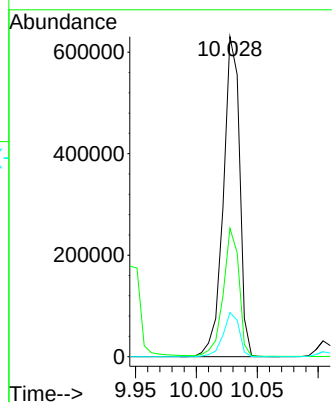
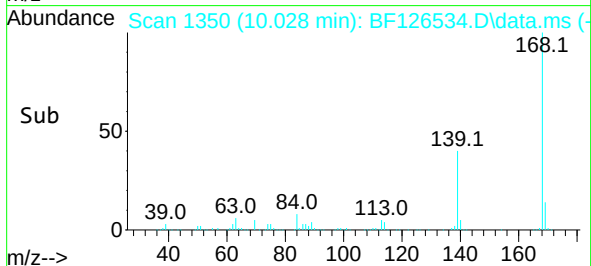
PB141753BS



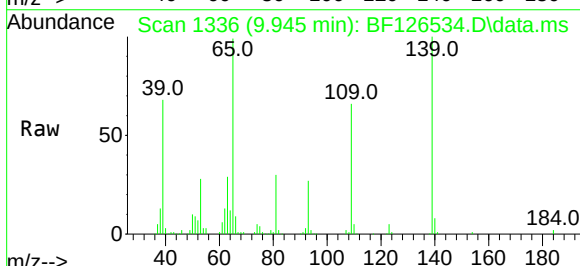
Tgt Ion:168 Resp: 58855
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.8 10.0 15.0

Manual Integrations
APPROVED

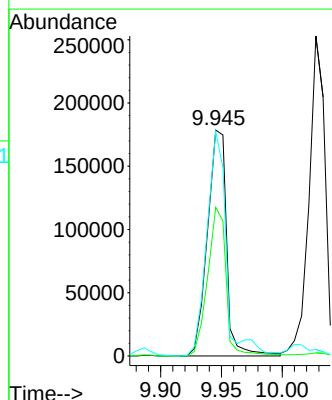
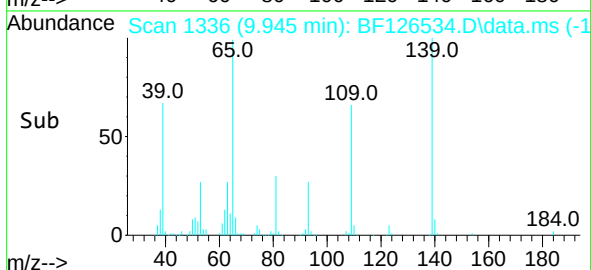
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

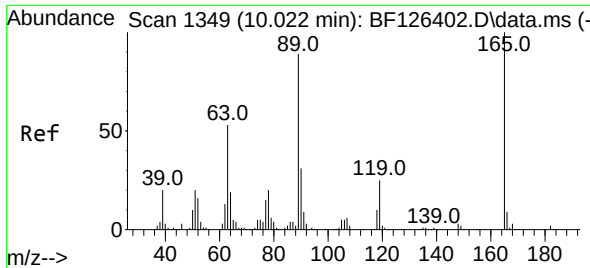


#56
4-Nitrophenol
Concen: 76.585 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:139 Resp: 196356
Ion Ratio Lower Upper
139 100
109 65.8 44.1 84.1
65 99.4 85.5 125.5





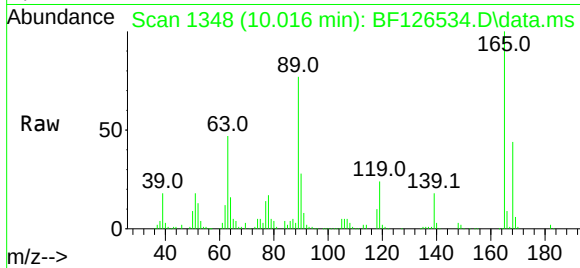
#57
2,4-Dinitrotoluene
Concen: 43.657 ng
RT: 10.016 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

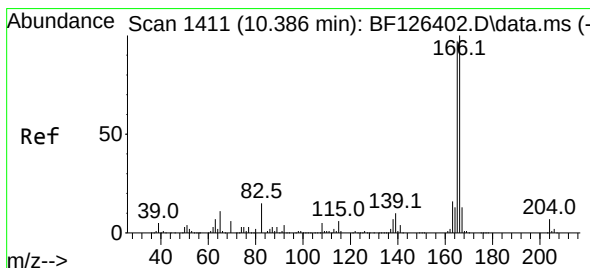
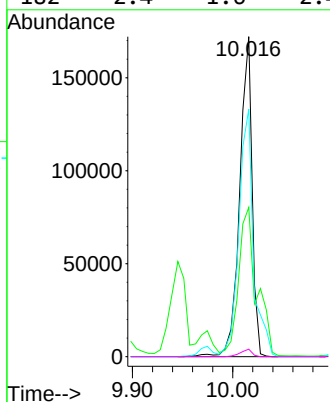
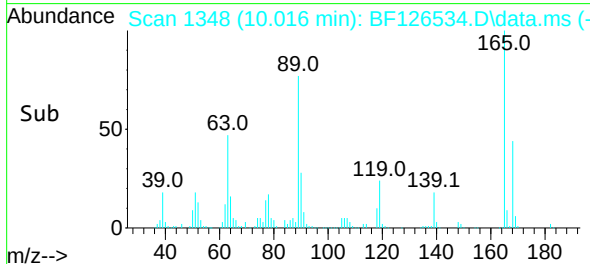


Tgt Ion:165 Resp: 148094
Ion Ratio Lower Upper
165 100
63 46.7 43.0 64.6
89 77.4 71.0 106.4
182 2.4 1.6 2.4

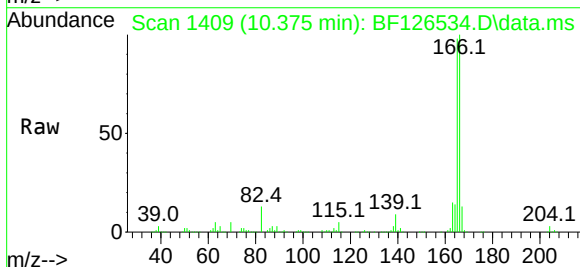
Manual Integrations

APPROVED

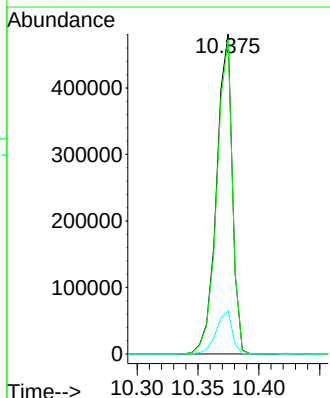
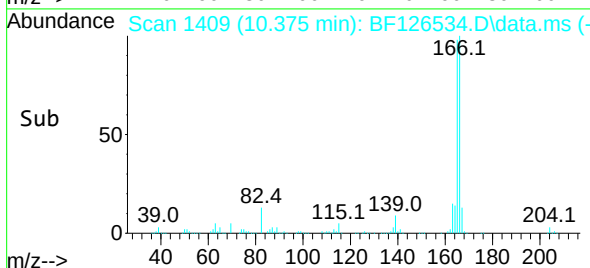
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

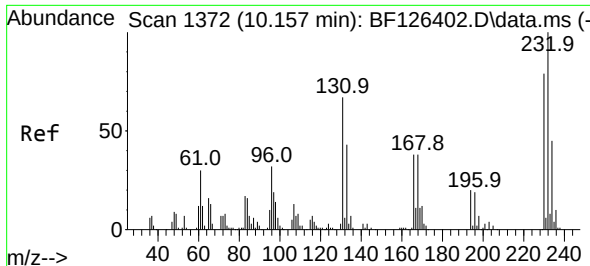


#58
Fluorene
Concen: 42.053 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



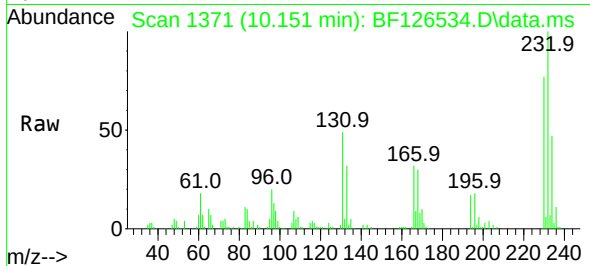
Tgt Ion:166 Resp: 433006
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.978 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

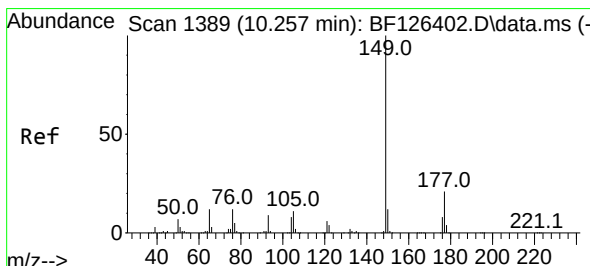
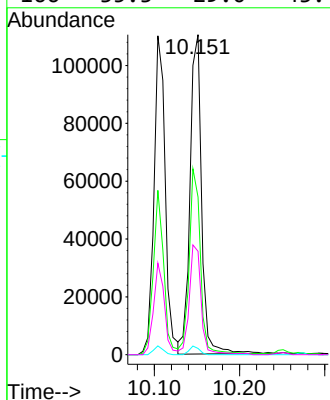
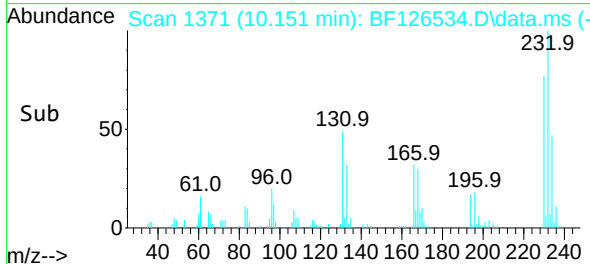
Instrument :
BNA_F
ClientSampleId :
PB141753BS



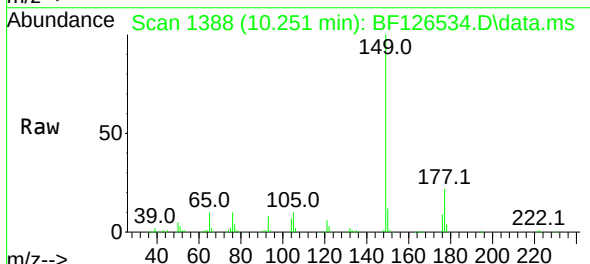
Tgt Ion:232 Resp: 104061
Ion Ratio Lower Upper
232 100
131 57.1 50.0 75.0
130 2.3 2.2 3.2
166 35.3 29.0 43.4

Manual Integrations
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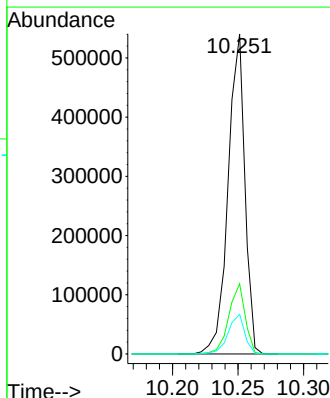
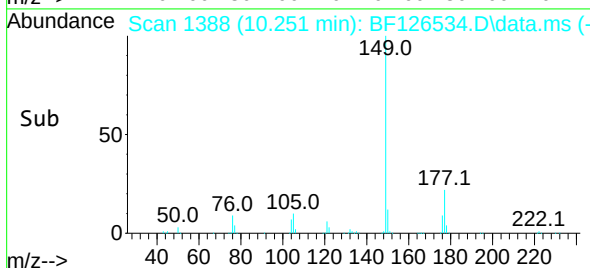
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

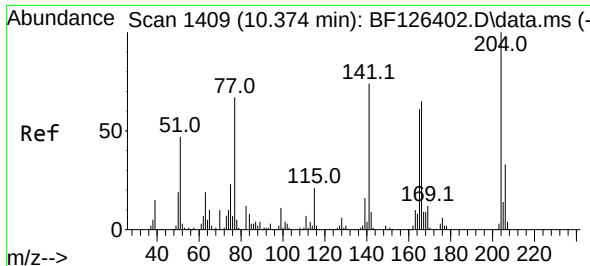


#60
Diethylphthalate
Concen: 41.021 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



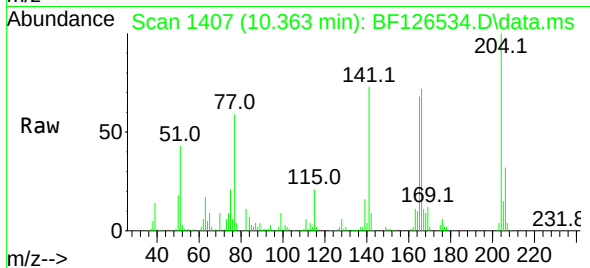
Tgt Ion:149 Resp: 481330
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.271 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

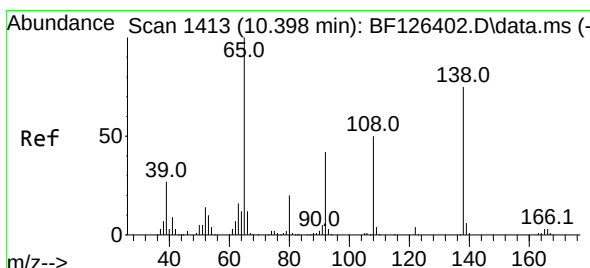
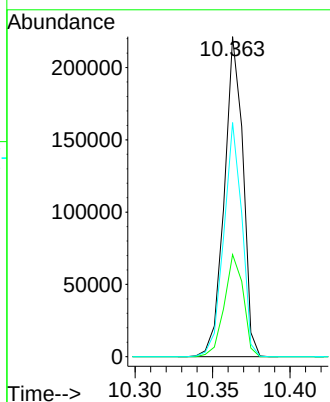
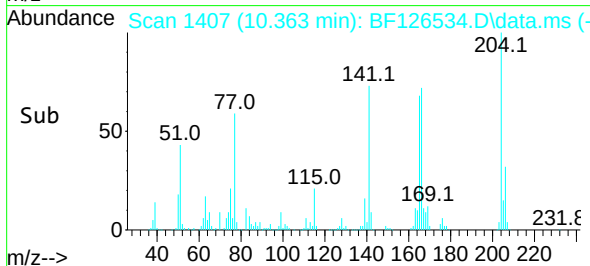
Instrument :
BNA_F
ClientSampleId :
PB141753BS



Tgt Ion:204 Resp: 185440
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 73.2 59.0 88.6

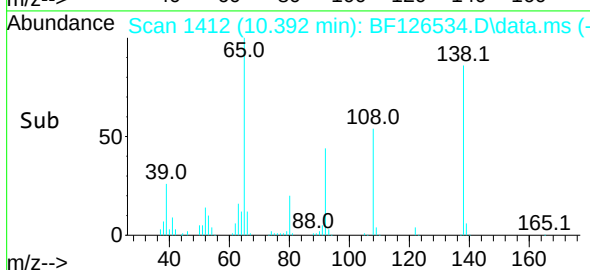
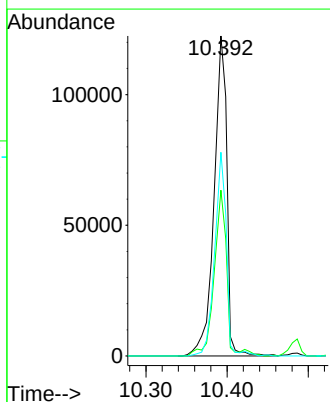
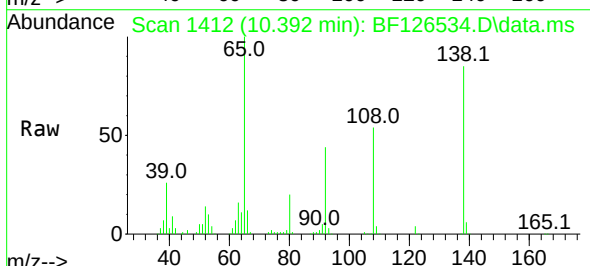
Manual Integrations
APPROVED

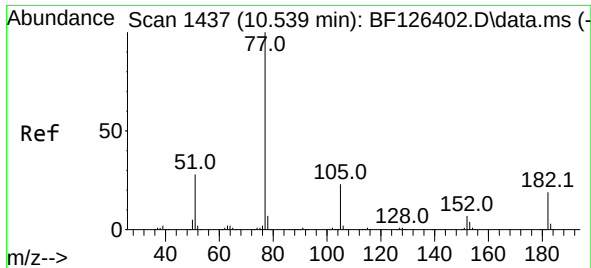
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#62
4-Nitroaniline
Concen: 39.468 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:138 Resp: 134005
Ion Ratio Lower Upper
138 100
92 51.8 36.2 76.2
108 63.7 46.7 86.7





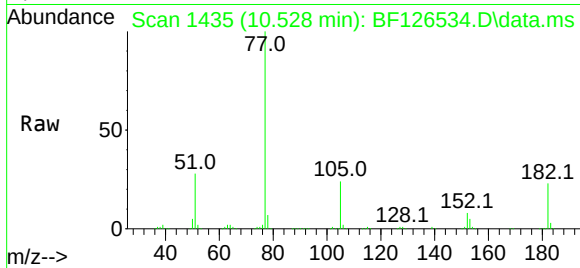
#63
Azobenzene
Concen: 36.745 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

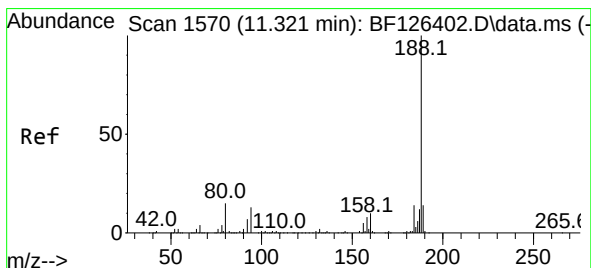
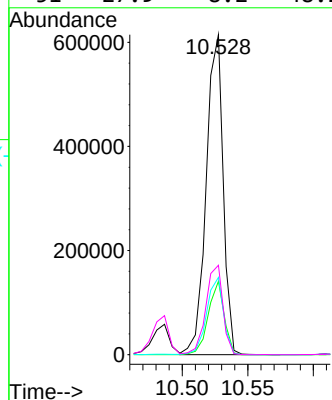


Tgt Ion: 77 Resp: 55535
Ion Ratio Lower Upper
77 100
182 22.9 0.0 39.0
105 24.2 3.2 43.2
51 27.9 8.2 48.2

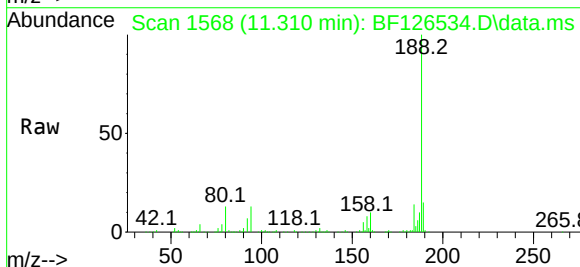
Manual Integrations

APPROVED

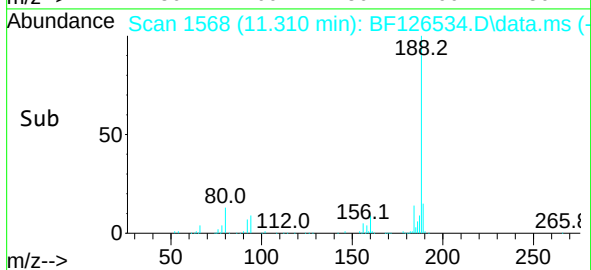
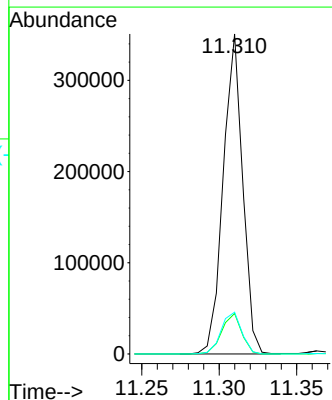
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

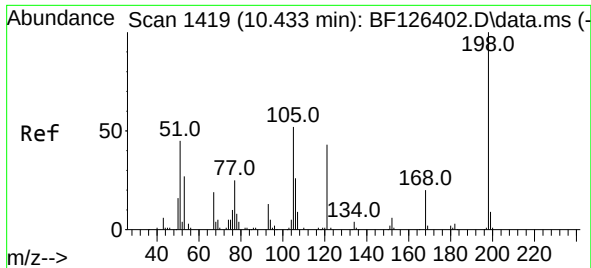


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:188 Resp: 305968
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.1 11.8 17.6





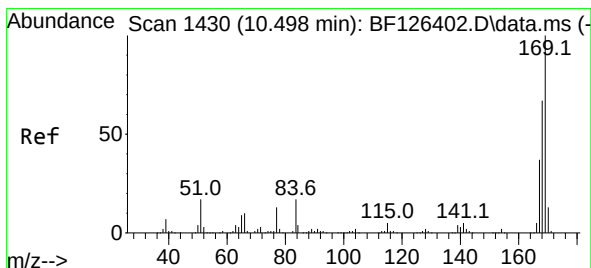
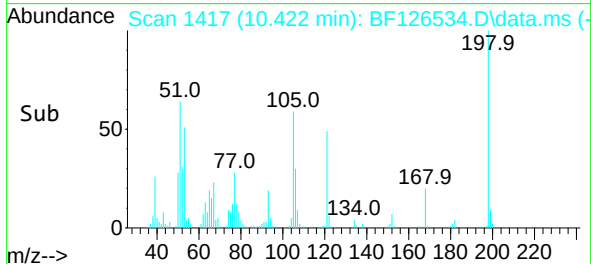
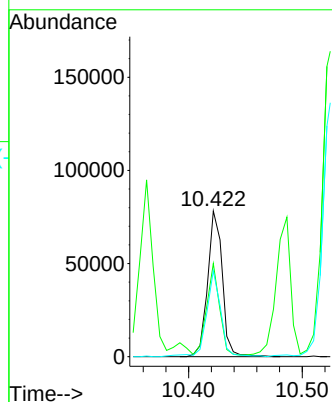
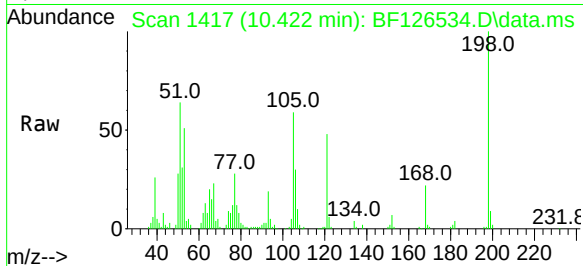
#65
4,6-Dinitro-2-methylphenol
Concen: 42.295 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB141753BS

Tgt Ion:198 Resp: 70079
Ion Ratio Lower Upper
198 100
51 63.9 32.0 72.0
105 58.9 32.7 72.7

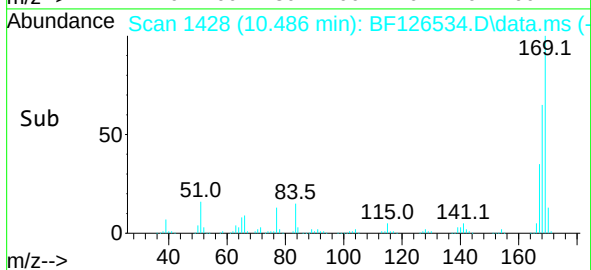
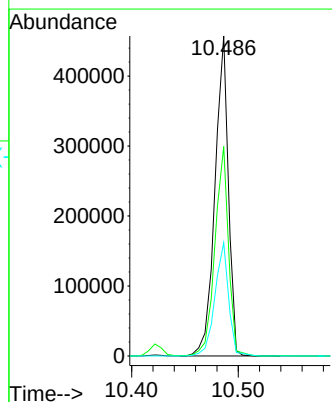
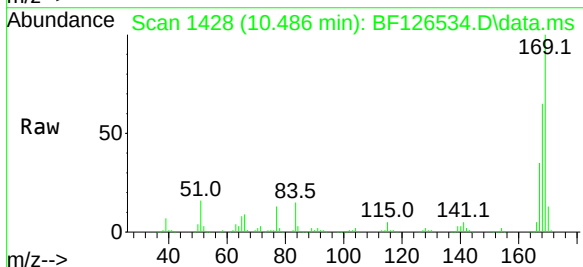
Manual Integrations
APPROVED

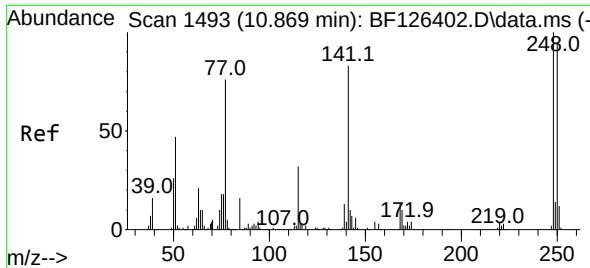
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#66
n-Nitrosodiphenylamine
Concen: 42.037 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

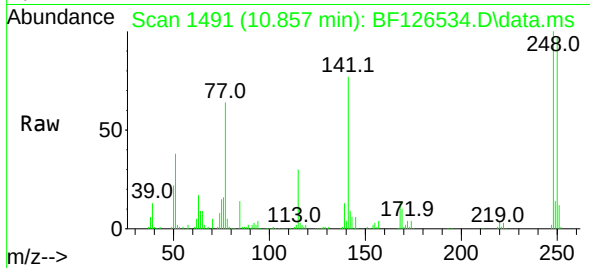
Tgt Ion:169 Resp: 399044
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 35.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 42.948 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

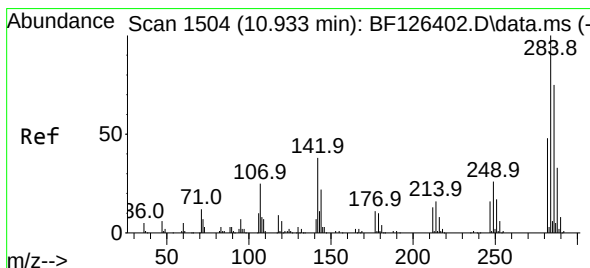
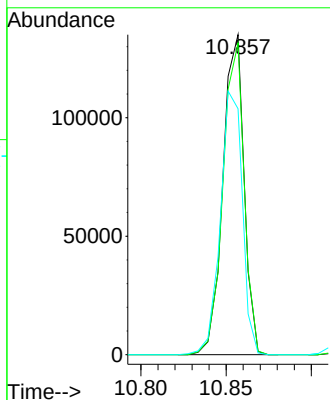
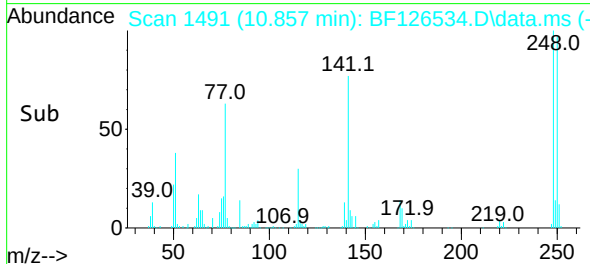
Instrument :
BNA_F
ClientSampleId :
PB141753BS



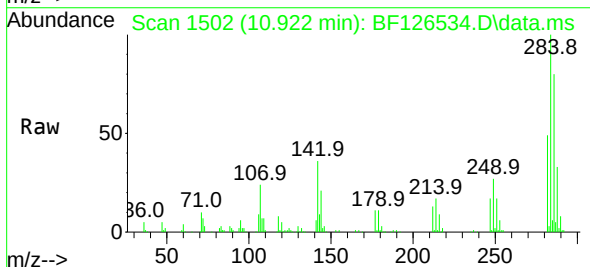
Tgt Ion:248 Resp: 11663
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 76.8 66.2 99.4

Manual Integrations
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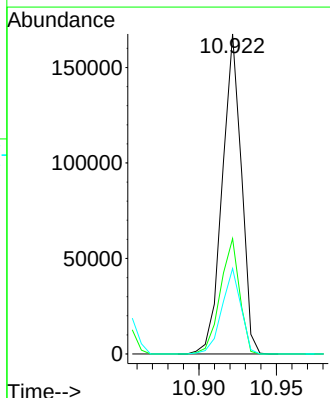
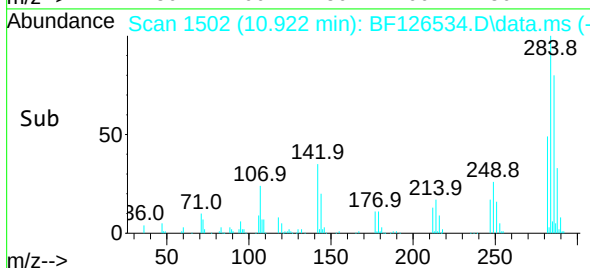
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

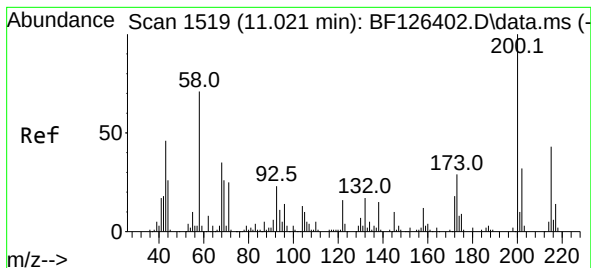


#68
Hexachlorobenzene
Concen: 45.381 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:284 Resp: 143356
Ion Ratio Lower Upper
284 100
142 36.1 30.7 46.1
249 26.7 21.1 31.7





#69

Atrazine

Concen: 71.863 ng

RT: 11.016 min Scan# 11746

Delta R.T. 0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

Tgt Ion:200 Resp: 11746

Ion Ratio Lower Upper

200 100

173 28.2 9.2 49.2

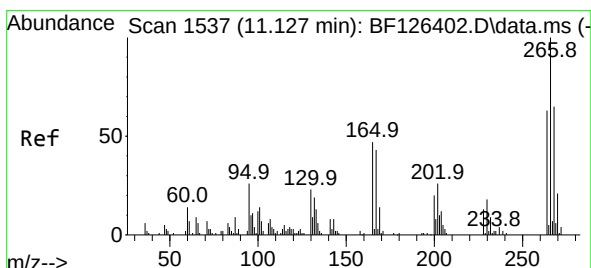
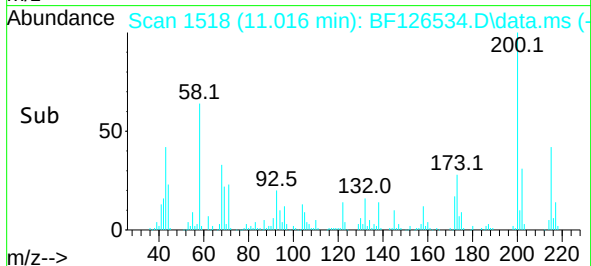
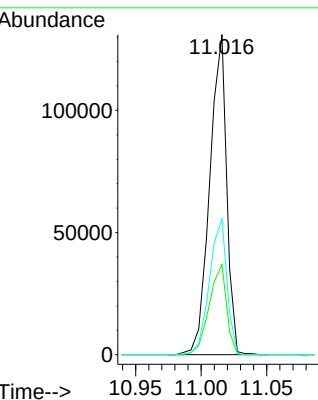
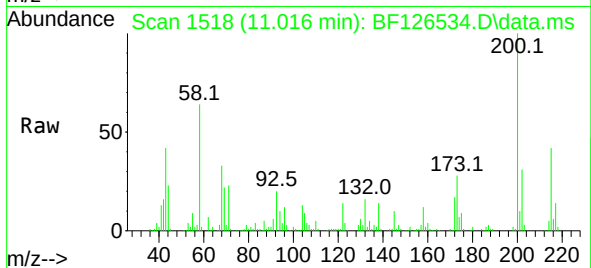
215 42.5 23.2 63.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/10/2022

Supervised By :Jagrut Upadhyay 01/10/2022



#70

Pentachlorophenol

Concen: 85.912 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

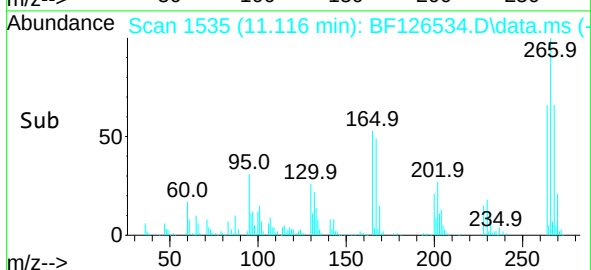
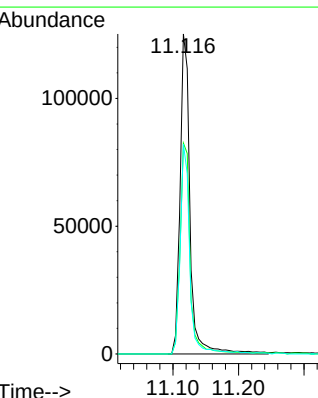
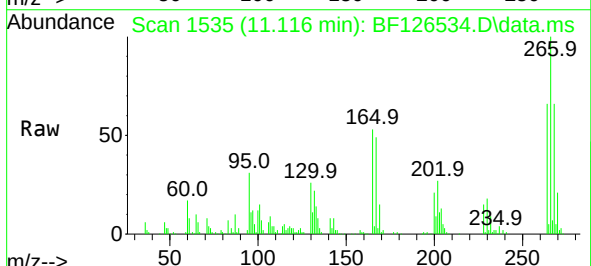
Tgt Ion:266 Resp: 131906

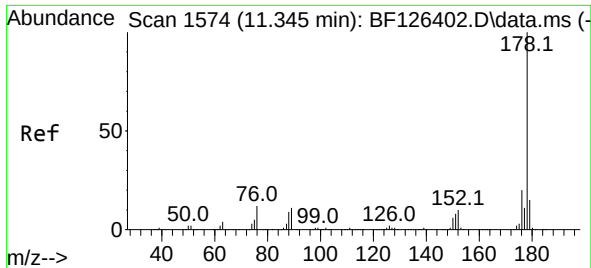
Ion Ratio Lower Upper

266 100

268 65.9 52.3 78.5

264 65.6 50.4 75.6





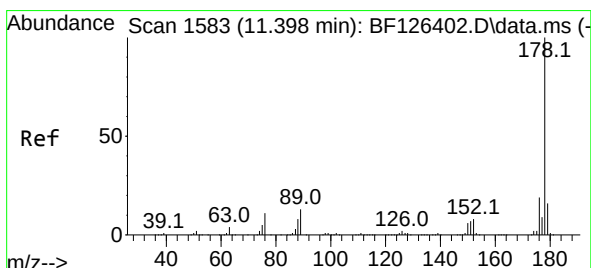
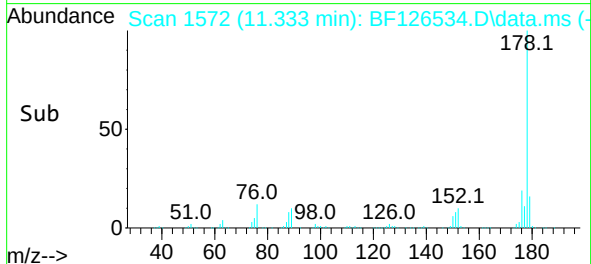
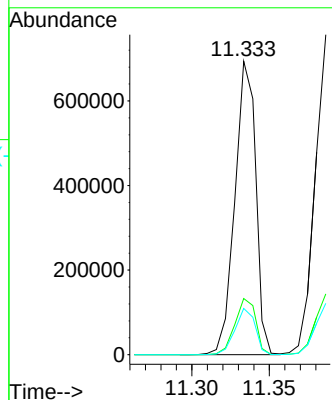
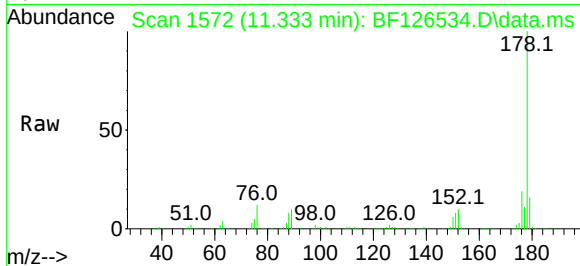
#71
Phenanthrene
Concen: 41.602 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :
BNA_F
ClientSampleId :
PB141753BS

Tgt Ion:178 Resp: 650758
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.8 12.3 18.5

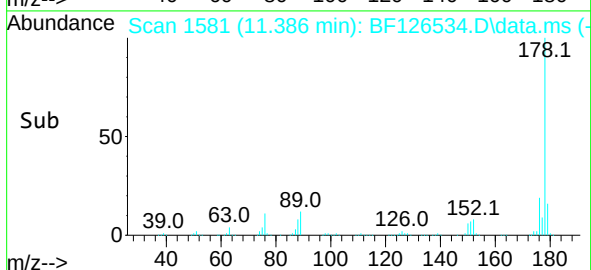
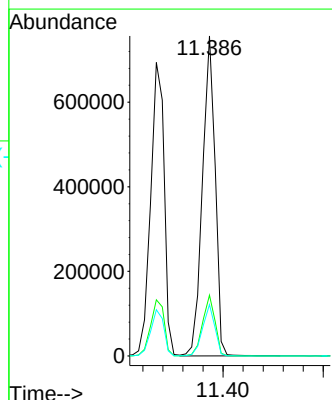
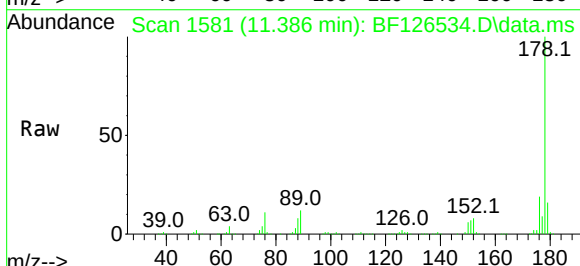
Manual Integrations
APPROVED

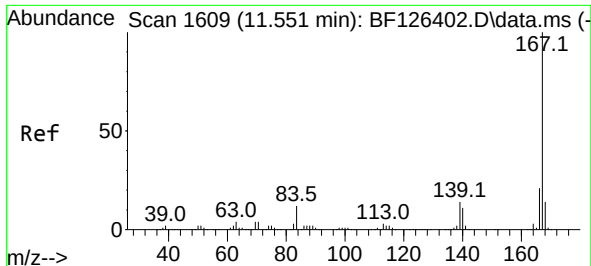
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#72
Anthracene
Concen: 42.688 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

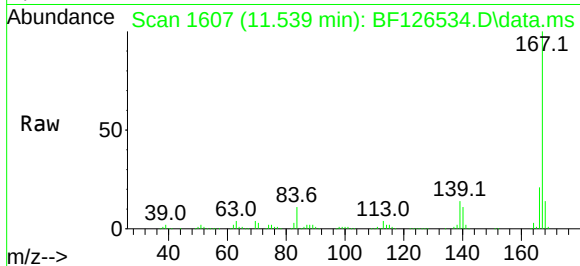
Tgt Ion:178 Resp: 668156
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 40.245 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43

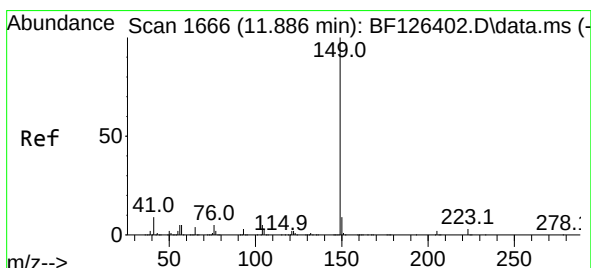
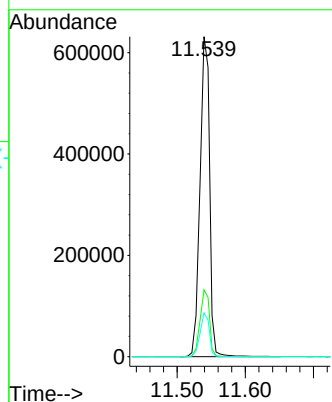
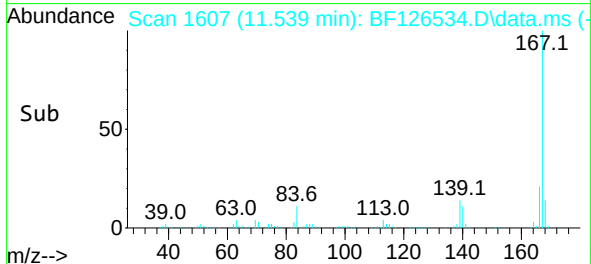
Instrument :
 BNA_F
 ClientSampleId :
 PB141753BS



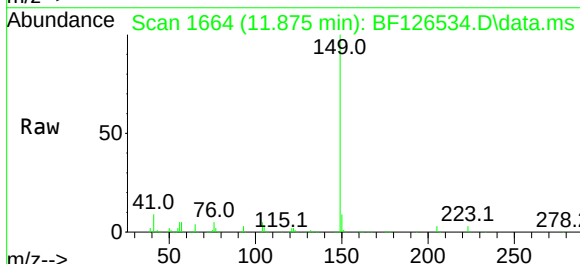
Tgt Ion:167 Resp: 61683
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 13.7 11.3 16.9

Manual Integrations
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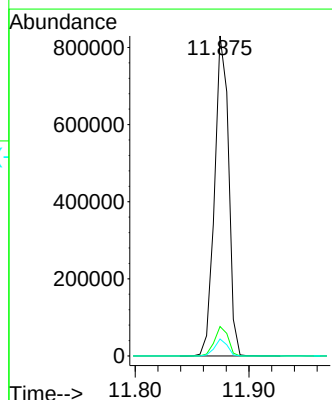
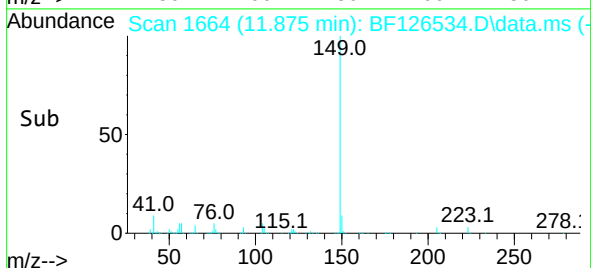
Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022

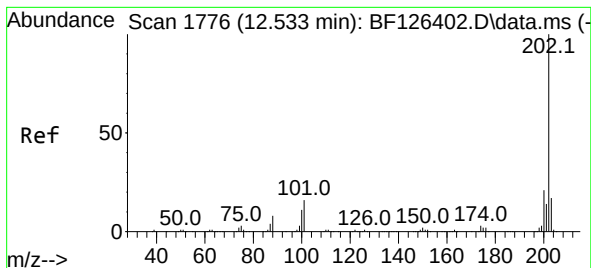


#74
 Di-n-butylphthalate
 Concen: 40.748 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43



Tgt Ion:149 Resp: 711042
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 42.370 ng

RT: 12.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

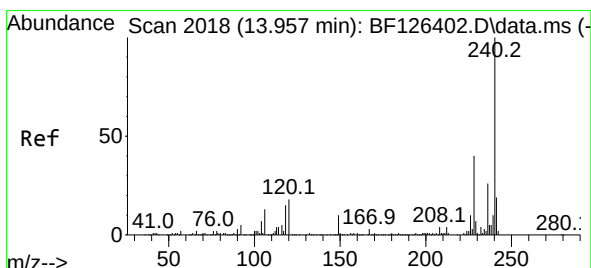
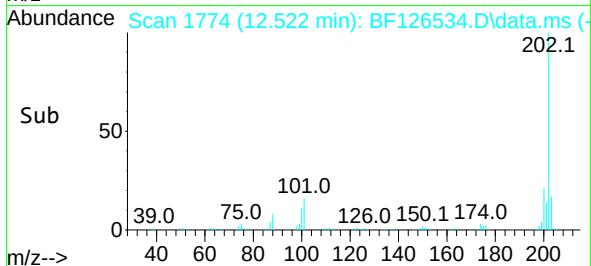
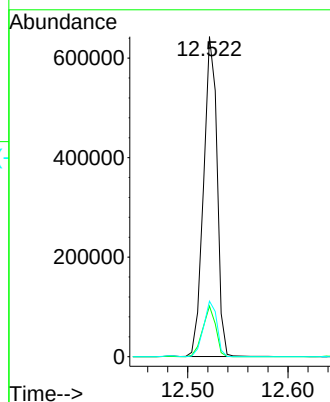
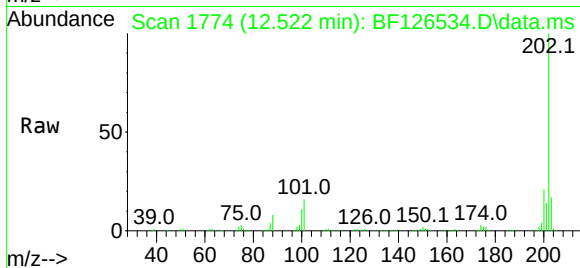
PB141753BS

Tgt Ion:	202	Resp:	60491
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	35.7
203	17.4	0.0	37.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#76

Chrysene-d12

Concen: 20.000 ng

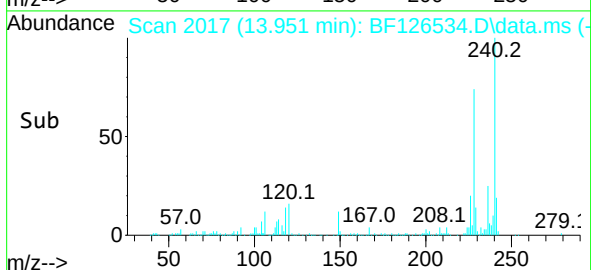
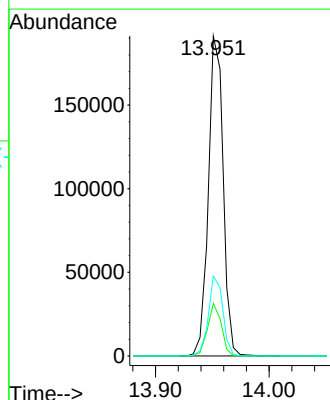
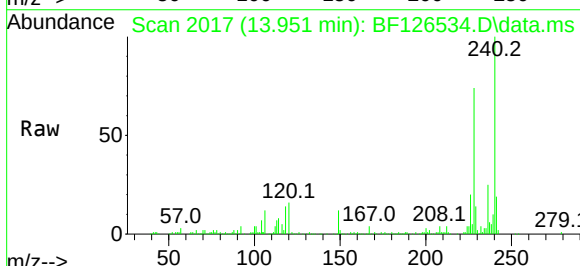
RT: 13.951 min Scan# 2017

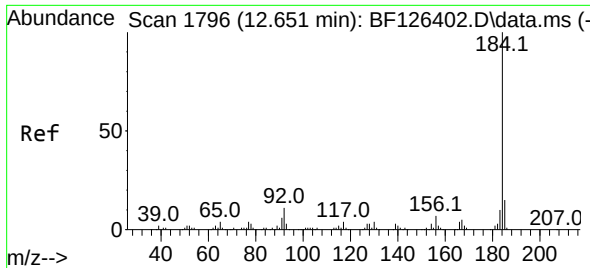
Delta R.T. 0.000 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

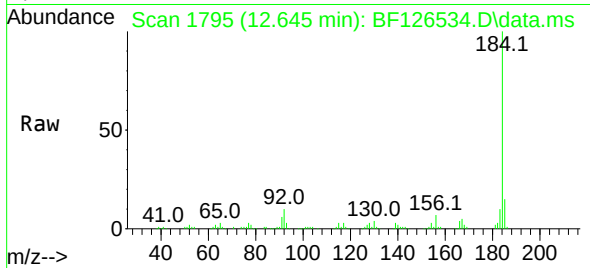
Tgt Ion:	240	Resp:	172499
Ion Ratio	Lower	Upper	
240	100		
120	16.4	14.4	21.6
236	24.9	20.5	30.7





#77
Benzidine
Concen: 58.234 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

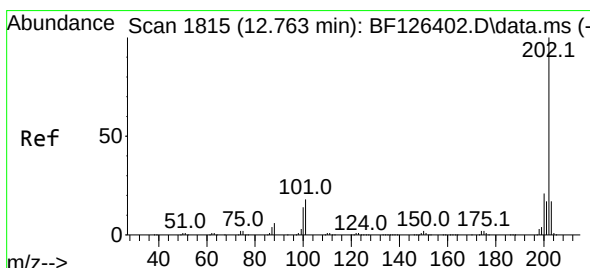
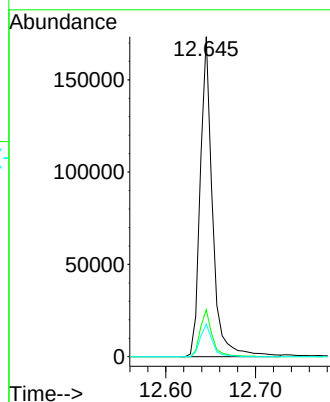
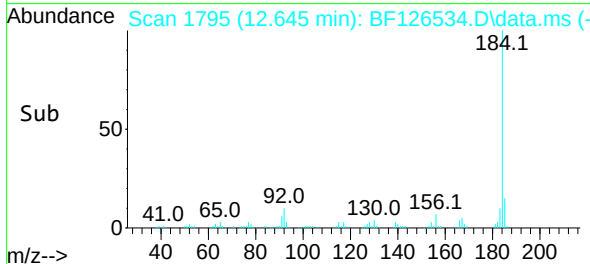
Instrument :
BNA_F
ClientSampleId :
PB141753BS



Tgt Ion:184 Resp: 16439
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.8
183 10.2 8.2 12.2

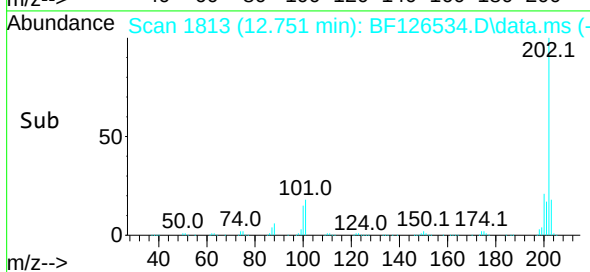
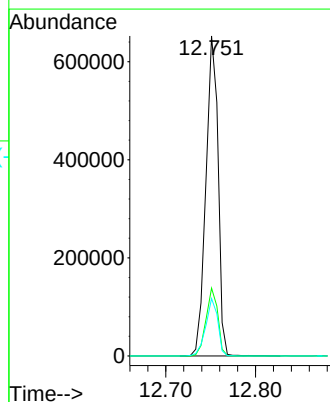
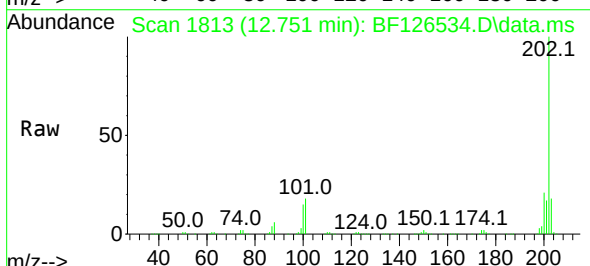
Manual Integrations
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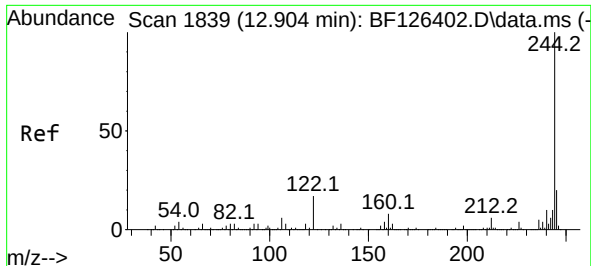
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#78
Pyrene
Concen: 42.216 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:202 Resp: 615419
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.9 13.8 20.8





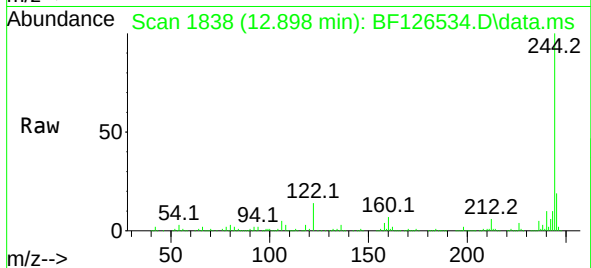
#79
 Terphenyl-d14
 Concen: 78.407 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

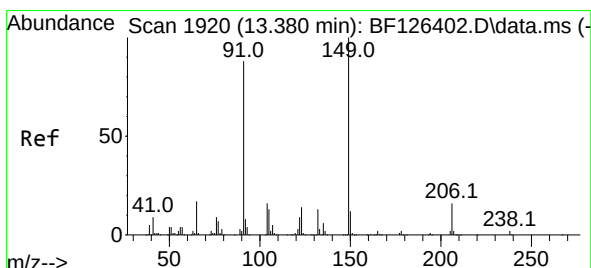
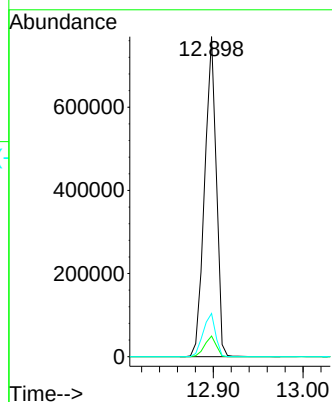


Tgt Ion:244 Resp: 69612
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 13.5 13.3 19.9

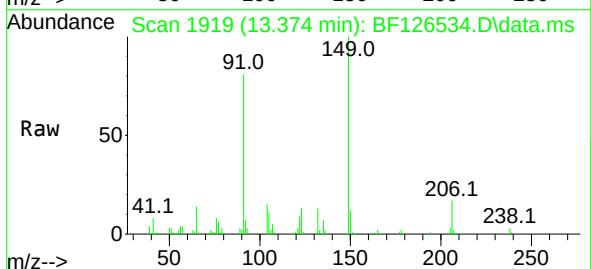
Manual Integrations

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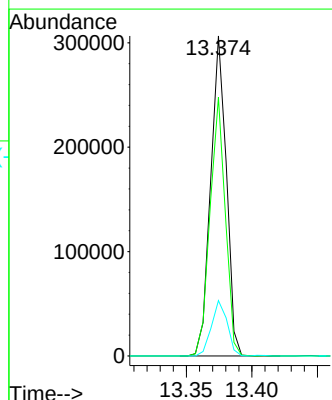
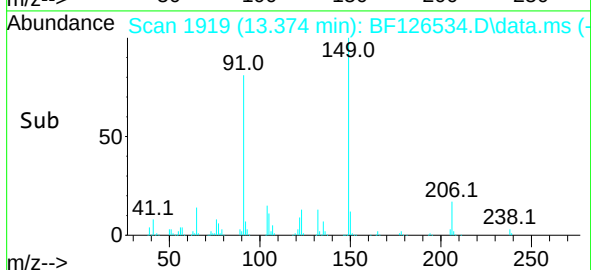
Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022

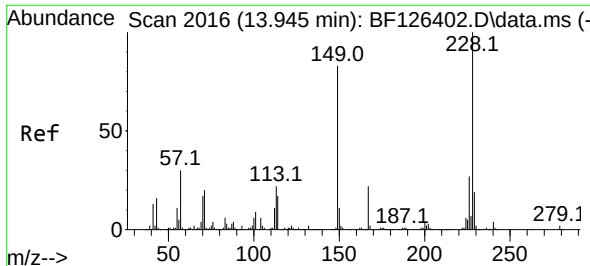


#80
 Butylbenzylphthalate
 Concen: 39.467 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF126534.D
 Acq: 7 Jan 2022 11:43



Tgt Ion:149 Resp: 254944
 Ion Ratio Lower Upper
 149 100
 91 80.9 70.5 105.7
 206 17.3 12.6 19.0





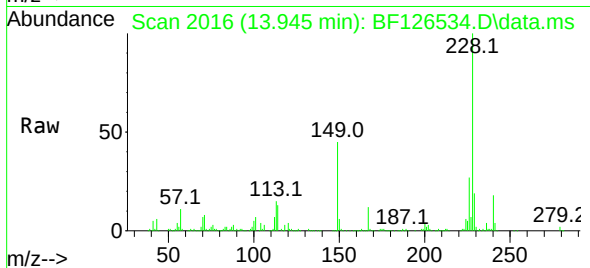
#81
Benzo(a)anthracene
Concen: 39.986 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

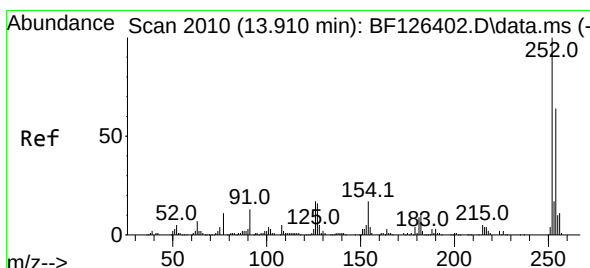
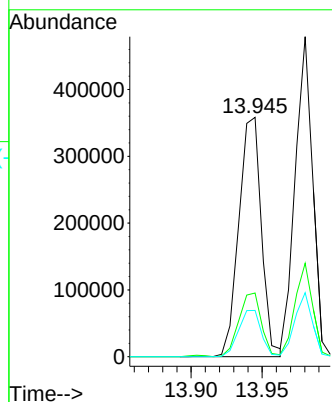
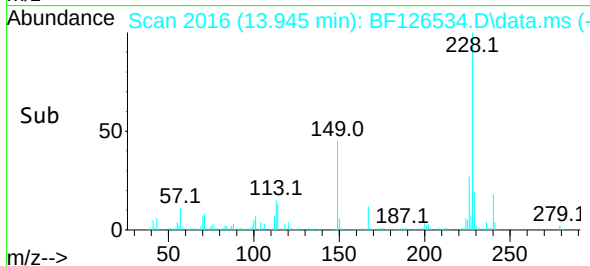


Tgt Ion:228 Resp: 39667
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 15.4 23.2

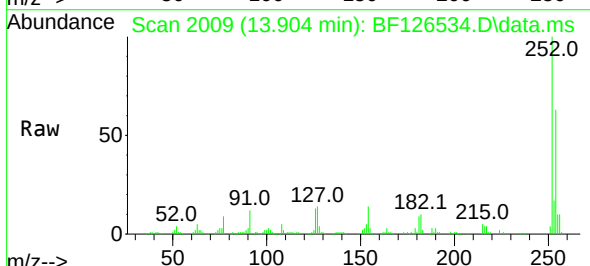
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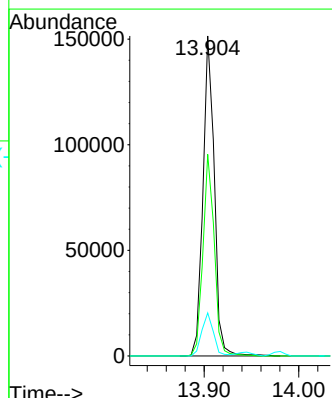
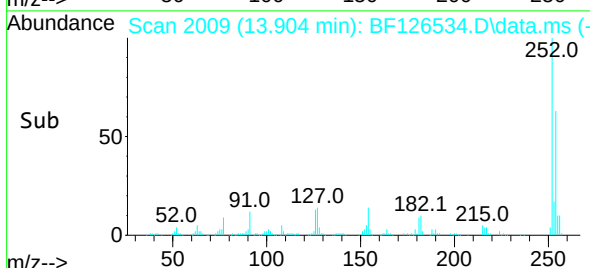
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

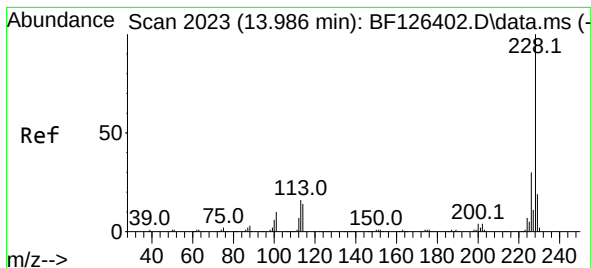


#82
3,3'-Dichlorobenzidine
Concen: 27.194 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:252 Resp: 125855
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 13.4 13.4 20.0





#83

Chrysene

Concen: 40.872 ng

RT: 13.980 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

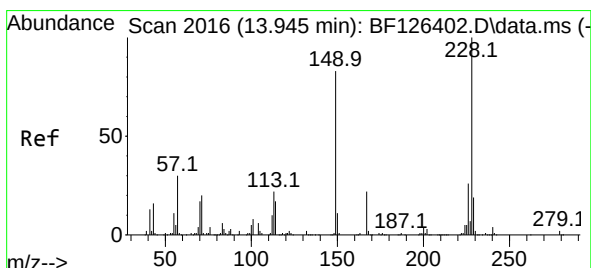
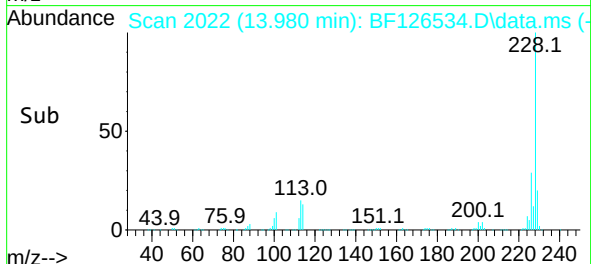
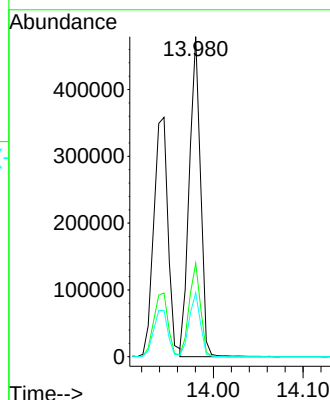
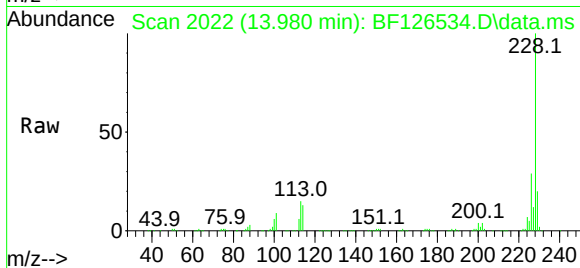
ClientSampleId :

PB141753BS

Tgt Ion:228 Resp: 415904
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.7 35.5
 229 20.0 15.5 23.3

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 Supervised By :Jagrut Upadhyay 01/10/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.575 ng

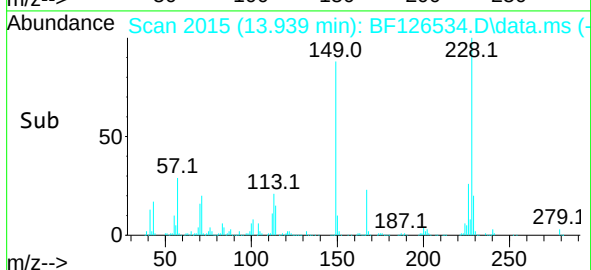
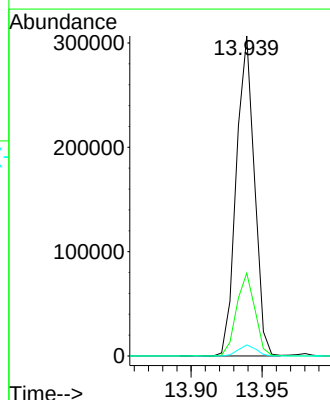
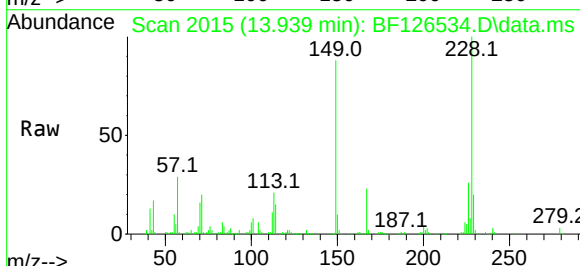
RT: 13.939 min Scan# 2015

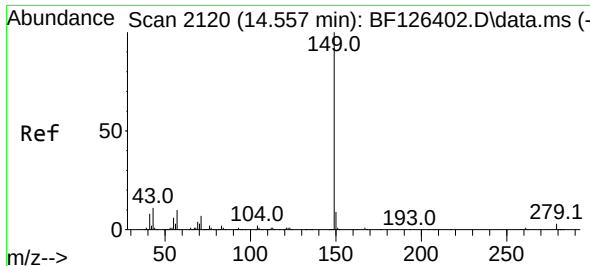
Delta R.T. 0.006 min

Lab File: BF126534.D

Acq: 7 Jan 2022 11:43

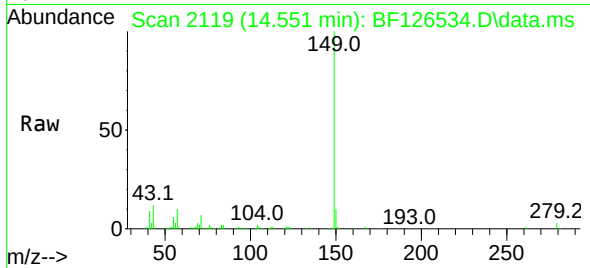
Tgt Ion:149 Resp: 271625
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.2
 279 3.5 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 42.061 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

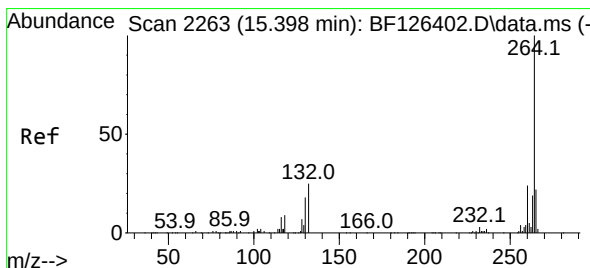
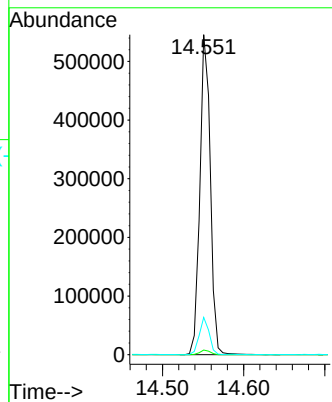
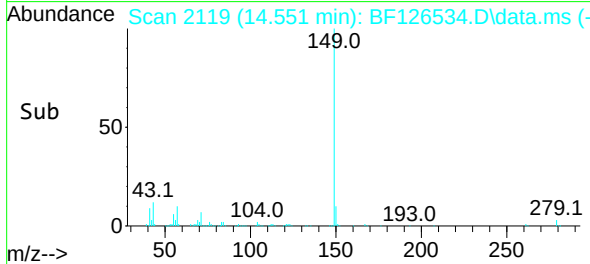
Instrument :
BNA_F
ClientSampleId :
PB141753BS



Tgt Ion:149 Resp: 488329
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.2 9.9 14.9

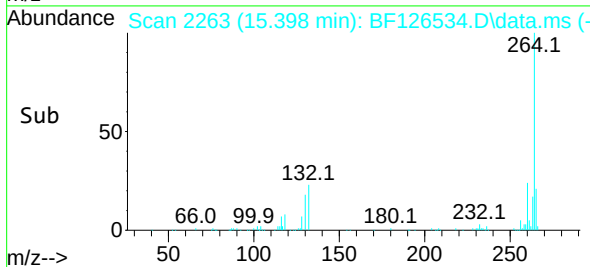
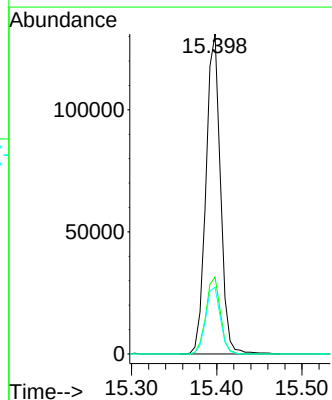
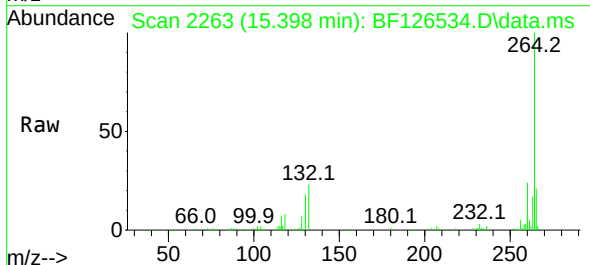
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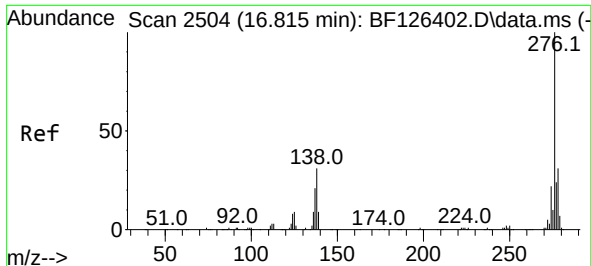
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:264 Resp: 154750
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 20.9 17.4 26.2





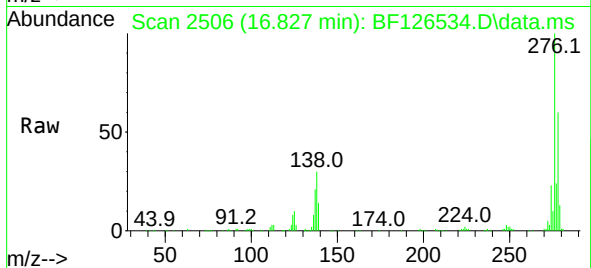
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.254 ng
RT: 16.827 min Scan# 2106
Delta R.T. 0.018 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

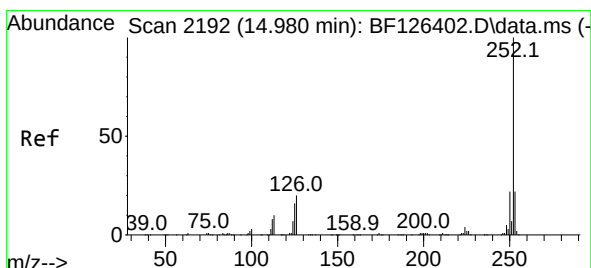
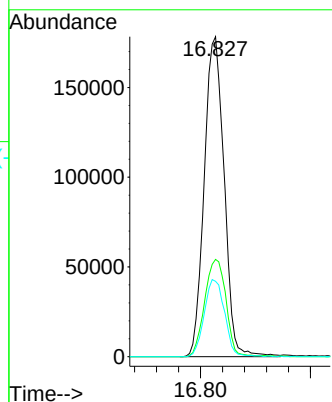


Tgt Ion:276 Resp: 44796
Ion Ratio Lower Upper
276 100
138 32.5 29.2 43.8
277 24.7 19.8 29.8

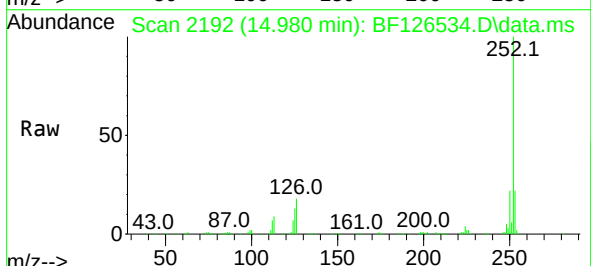
Manual Integrations

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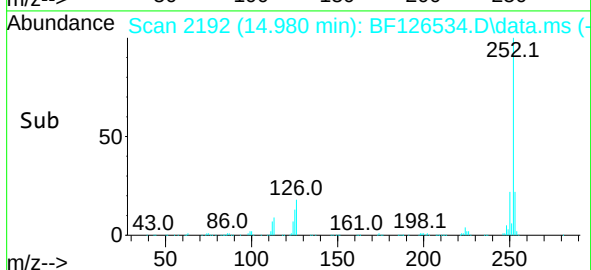
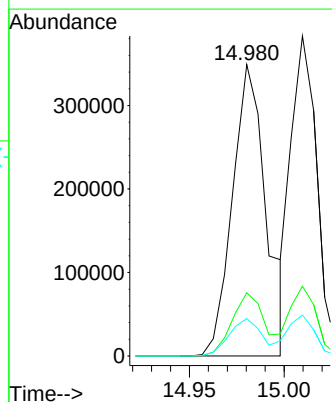
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

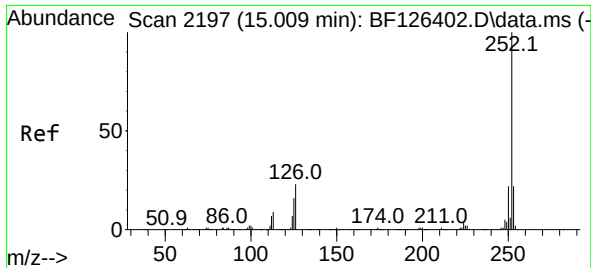


#88
Benzo(b)fluoranthene
Concen: 46.874 ng
RT: 14.980 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:252 Resp: 432118
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 12.9 12.4 18.6





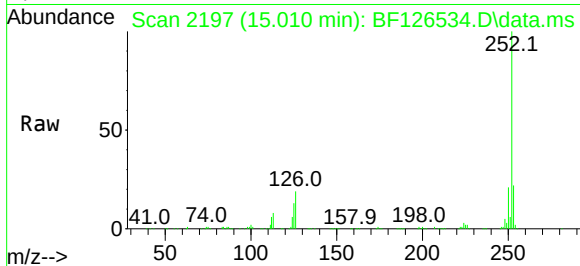
#89
Benzo(k)fluoranthene
Concen: 41.113 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

PB141753BS

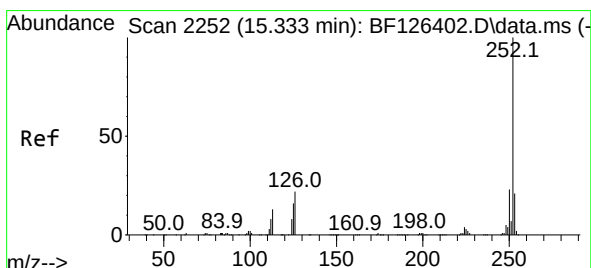
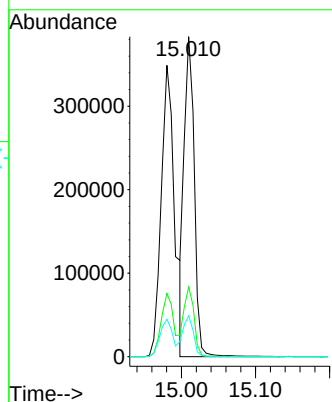
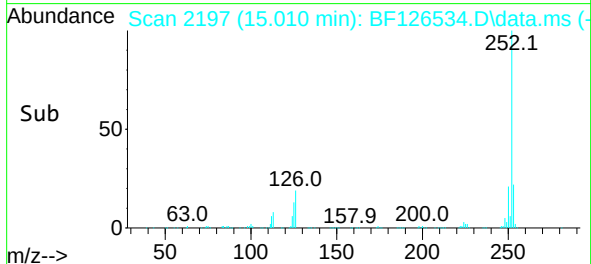


Tgt Ion:252 Resp: 367140
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 12.8 11.8 17.6

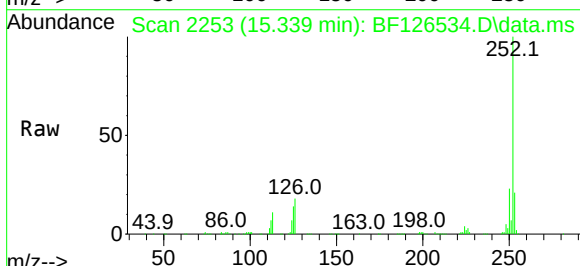
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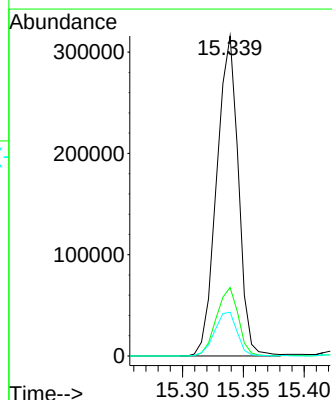
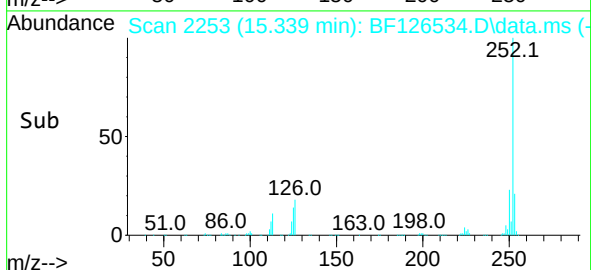
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

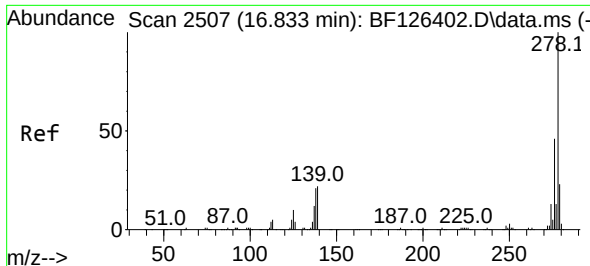


#90
Benzo(a)pyrene
Concen: 50.696 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.012 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43



Tgt Ion:252 Resp: 391870
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 13.6 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 45.310 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.024 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Instrument :

BNA_F

ClientSampleId :

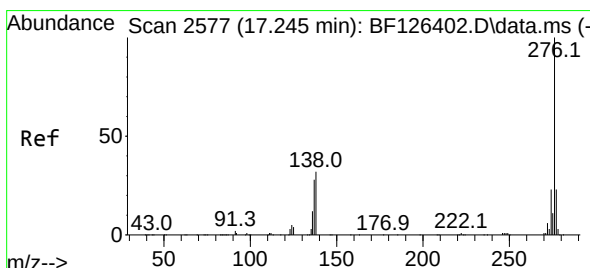
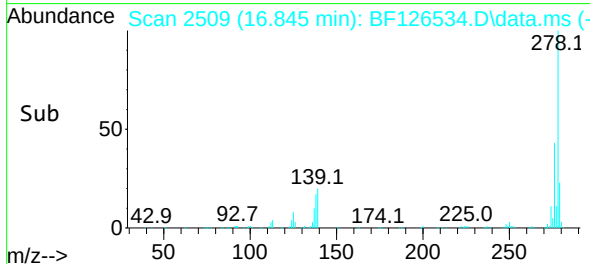
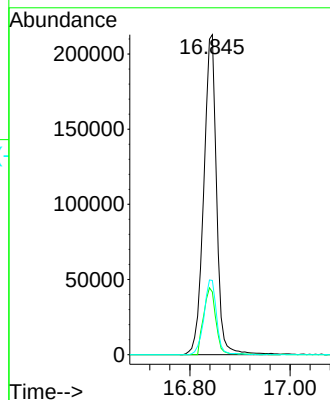
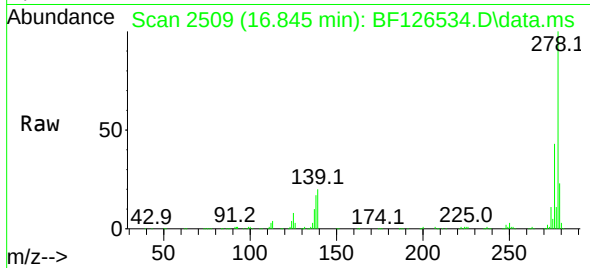
PB141753BS

Tgt Ion:278 Resp: 378650
Ion Ratio Lower Upper
278 100
139 19.6 18.0 27.0
279 23.2 18.6 27.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/10/2022



#92
Benzo(g,h,i)perylene
Concen: 44.029 ng
RT: 17.257 min Scan# 2579
Delta R.T. 0.024 min
Lab File: BF126534.D
Acq: 7 Jan 2022 11:43

Tgt Ion:276 Resp: 391808
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 28.9 25.9 38.9

