

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128166.D
 Acq On : 10 May 2022 18:07
 Operator : CG\JU
 Sample : N2745-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-31SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2022
 Supervised By : Jagrut Upadhyay 05/11/2022

Quant Time: May 11 04:01:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77345	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	299113	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	172103	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	307015	20.000	ng	0.00
76) Chrysene-d12	14.074	240	167547	20.000	ng	0.00
86) Perylene-d12	15.562	264	177469	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	656591	135.328	ng	0.02
7) Phenol-d6	6.528	99	816261	127.197	ng	0.00
23) Nitrobenzene-d5	7.463	82	668581	100.577	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	285536	144.662	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1112517	101.146	ng	0.00
79) Terphenyl-d14	13.016	244	1189162	133.178	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.887	88	95593	44.290	ng	# 81
3) Pyridine	3.599	79	229361	40.057	ng	99
4) n-Nitrosodimethylamine	3.551	42	153255	53.692	ng	97
6) Aniline	6.557	93	129873	17.921	ng	91
8) 2-Chlorophenol	6.681	128	266164	53.860	ng	99
9) Benzaldehyde	6.451	77	128568	39.274	ng	99
10) Phenol	6.539	94	301139	44.499	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	272332	53.734	ng	98
12) 1,3-Dichlorobenzene	6.834	146	284216m	51.098	ng	
13) 1,4-Dichlorobenzene	6.910	146	291409	51.849	ng	97
14) 1,2-Dichlorobenzene	7.063	146	277494	52.394	ng	99
15) Benzyl Alcohol	7.039	79	271046	53.447	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	396646	52.777	ng	97
17) 2-Methylphenol	7.145	107	218844	52.199	ng	96
18) Hexachloroethane	7.404	117	113376	53.395	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	209197	52.935	ng	97
20) 3+4-Methylphenols	7.298	107	261087	50.296	ng	# 83
22) Acetophenone	7.304	105	380618	51.102	ng	# 89
24) Nitrobenzene	7.481	77	328611	53.562	ng	99
25) Isophorone	7.716	82	593043	56.905	ng	99
26) 2-Nitrophenol	7.792	139	142541	52.911	ng	98
27) 2,4-Dimethylphenol	7.828	122	246932	59.467	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	342005	51.916	ng	100
29) 2,4-Dichlorophenol	8.034	162	227066	52.014	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	253768	50.721	ng	99
31) Naphthalene	8.198	128	767509	51.956	ng	99
32) Benzoic acid	7.957	122	112920	36.363	ng	96
33) 4-Chloroaniline	8.245	127	67331	11.482	ng	99
34) Hexachlorobutadiene	8.304	225	166648	49.604	ng	99
35) Caprolactam	8.628	113	63934m	44.866	ng	
36) 4-Chloro-3-methylphenol	8.733	107	260829	53.474	ng	97
37) 2-Methylnaphthalene	8.892	142	519571	52.168	ng	100
38) 1-Methylnaphthalene	8.986	142	498503	52.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	261882	51.585	ng	98
41) Hexachlorocyclopentadiene	9.039	237	248751	105.466	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	169332	51.772	ng	99

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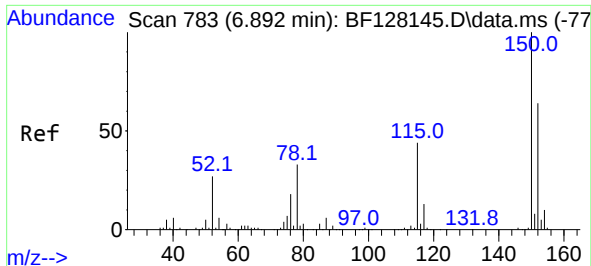
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	181427	52.024	ng	94
46) 1,1'-Biphenyl	9.357	154	651146	51.971	ng	98
47) 2-Chloronaphthalene	9.380	162	485787	52.312	ng	97
48) 2-Nitroaniline	9.480	65	182237	54.736	ng	92
49) Acenaphthylene	9.798	152	783338	55.770	ng	100
50) Dimethylphthalate	9.657	163	586716	52.828	ng	99
51) 2,6-Dinitrotoluene	9.722	165	136715	56.117	ng	91
52) Acenaphthene	9.969	154	542018m	55.656	ng	
53) 3-Nitroaniline	9.892	138	55688	21.084	ng	99
54) 2,4-Dinitrophenol	10.004	184	103340	76.674	ng	# 81
55) Dibenzofuran	10.145	168	699392	50.580	ng	99
56) 4-Nitrophenol	10.063	139	168153	91.114	ng	88
57) 2,4-Dinitrotoluene	10.133	165	178183	54.696	ng	# 87
58) Fluorene	10.486	166	561464	52.131	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	149867	50.285	ng	97
60) Diethylphthalate	10.357	149	576528	52.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	271449	50.538	ng	95
62) 4-Nitroaniline	10.516	138	124465	46.485	ng	94
63) Azobenzene	10.639	77	623135	51.356	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	84653	44.056	ng	92
66) n-Nitrosodiphenylamine	10.598	169	489946	54.757	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	175525	53.140	ng	93
68) Hexachlorobenzene	11.033	284	196878	54.489	ng	96
69) Atrazine	11.127	200	172800	57.251	ng	96
70) Pentachlorophenol	11.233	266	187190	106.748	ng	97
71) Phenanthrene	11.451	178	812726	53.163	ng	99
72) Anthracene	11.504	178	831123	54.453	ng	100
73) Carbazole	11.663	167	722812	49.801	ng	100
74) Di-n-butylphthalate	11.980	149	874370	52.329	ng	100
75) Fluoranthene	12.645	202	800386	48.292	ng	97
77) Benzidine	12.763	184	87096	24.001	ng	99
78) Pyrene	12.874	202	785563	64.663	ng	100
80) Butylbenzylphthalate	13.480	149	309161	61.213	ng	99
81) Benzo(a)anthracene	14.063	228	587631	54.910	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	81810	34.069	ng	100
83) Chrysene	14.098	228	536119	52.504	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	392292	57.486	ng	98
85) Di-n-octyl phthalate	14.651	149	547811	50.254	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	648147	60.375	ng	96
88) Benzo(b)fluoranthene	15.127	252	567292	51.566	ng	98
89) Benzo(k)fluoranthene	15.157	252	542058	49.915	ng	99
90) Benzo(a)pyrene	15.504	252	560968	63.161	ng	96
91) Dibenzo(a,h)anthracene	17.109	278	560998	64.548	ng	# 96
92) Benzo(g,h,i)perylene	17.556	276	561271	63.780	ng	97

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



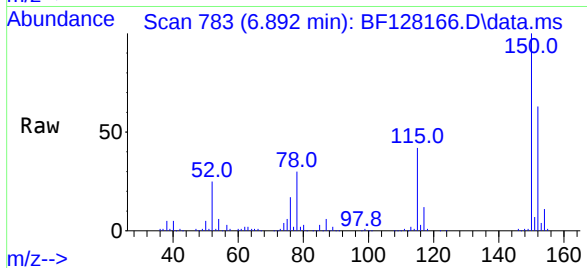
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

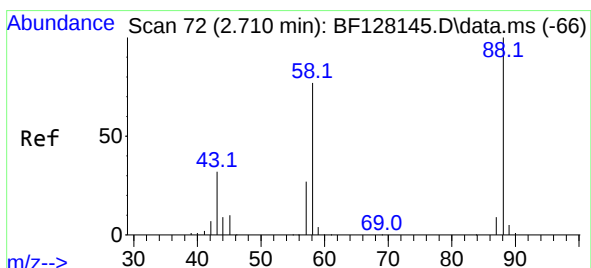
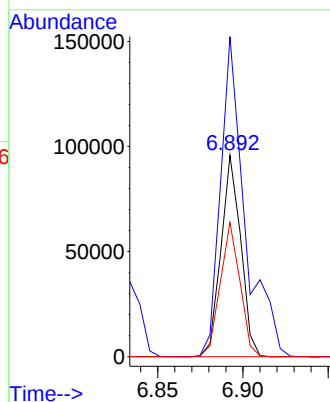
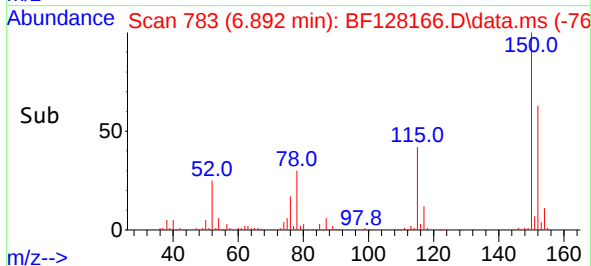


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Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 66.7 48.8 73.2

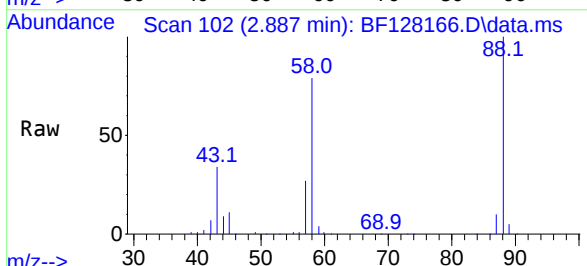
Manual Integrations

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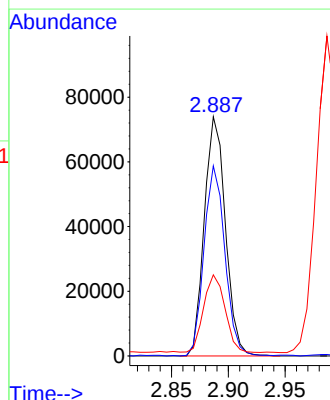
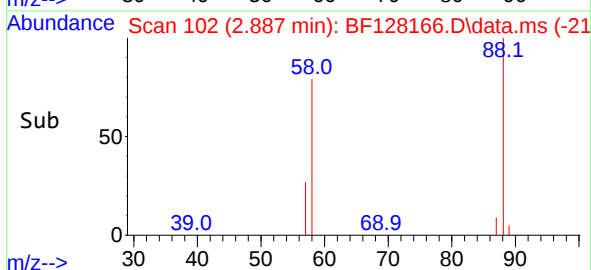
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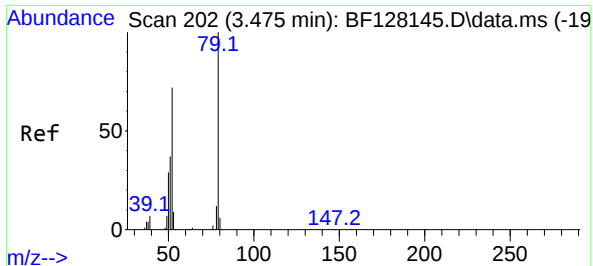


#2
1,4-Dioxane
Concen: 44.290 ng
RT: 2.887 min Scan# 102
Delta R.T. 0.176 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



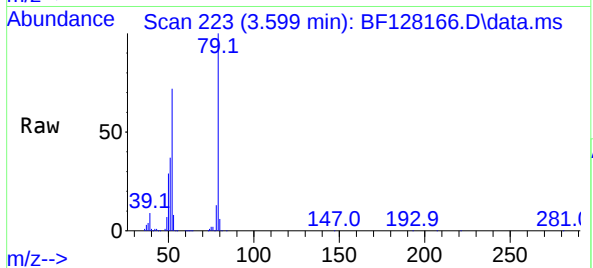
Tgt Ion: 88 Resp: 95593
Ion Ratio Lower Upper
88 100
58 78.9 61.0 91.4
43 0.0 24.9 37.3#





#3
Pyridine
Concen: 40.057 ng
RT: 3.599 min Scan# 215
Delta R.T. 0.123 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

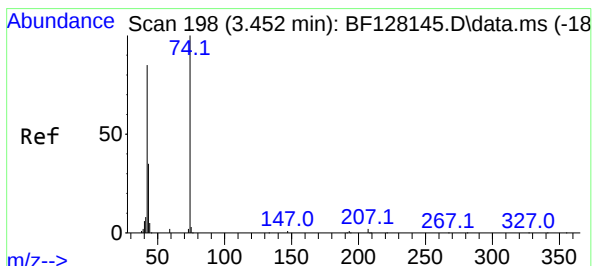
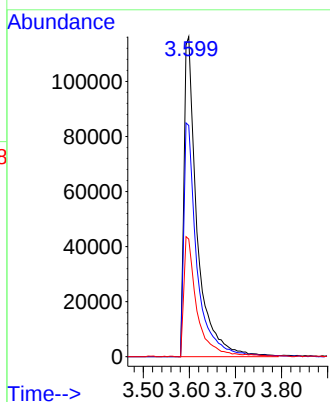
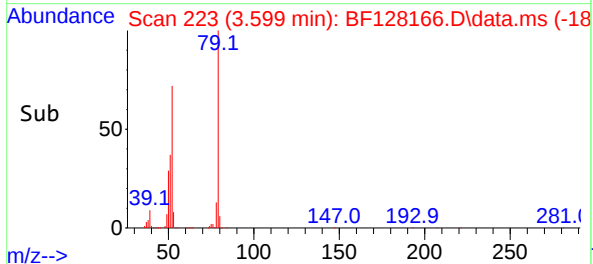
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



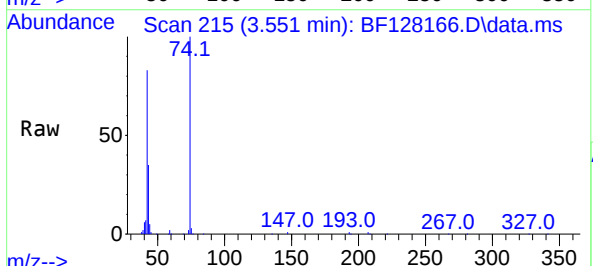
Tgt Ion: 79 Resp: 22936
Ion Ratio Lower Upper
79 100
52 72.3 58.3 87.5
51 36.7 28.6 42.8

Manual Integrations
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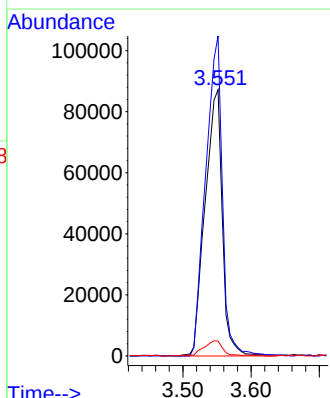
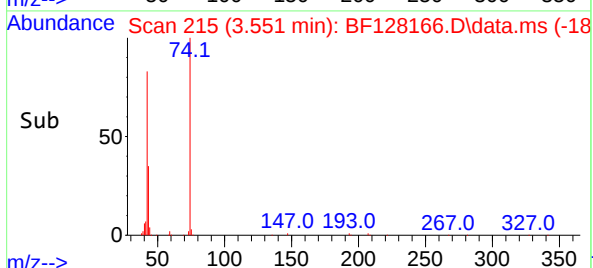
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Supervised By :Jagrut Upadhyay 05/11/2022

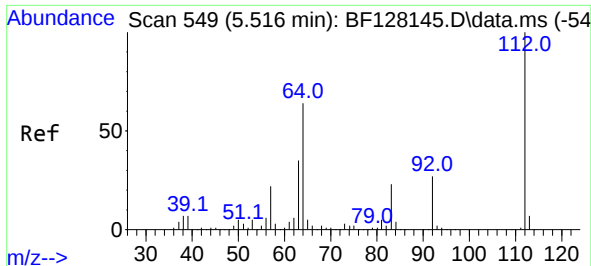


#4
n-Nitrosodimethylamine
Concen: 53.692 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.100 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion: 42 Resp: 153255
Ion Ratio Lower Upper
42 100
74 120.2 99.0 148.4
44 5.6 5.2 7.8





#5
2-Fluorophenol
Concen: 135.328 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

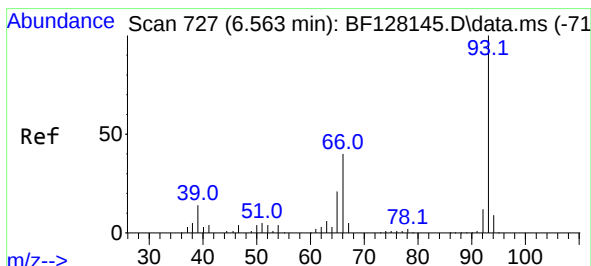
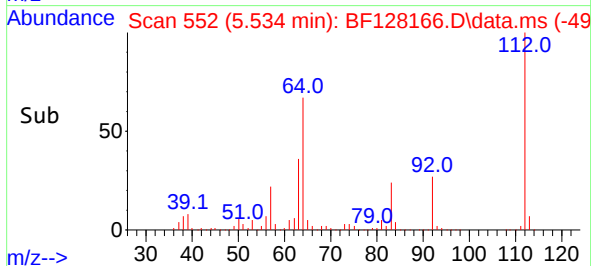
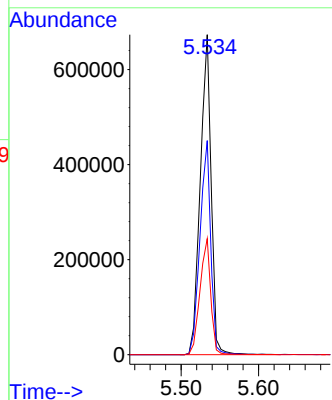
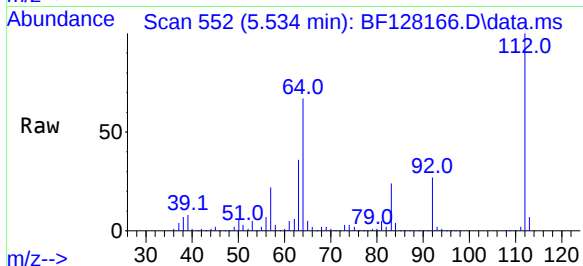
MH-31SMSD

Tgt Ion:112 Resp: 65659
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 36.3 26.3 39.5

Manual Integrations

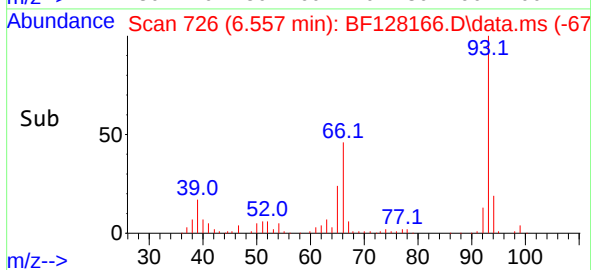
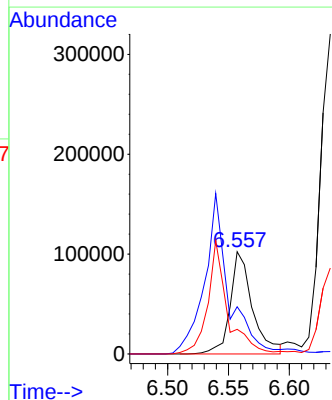
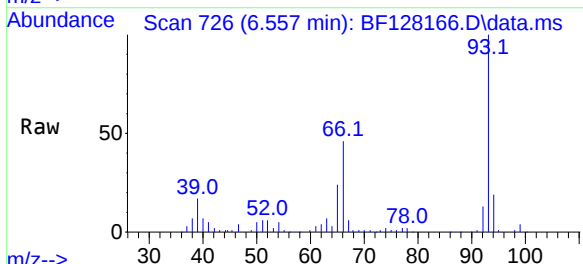
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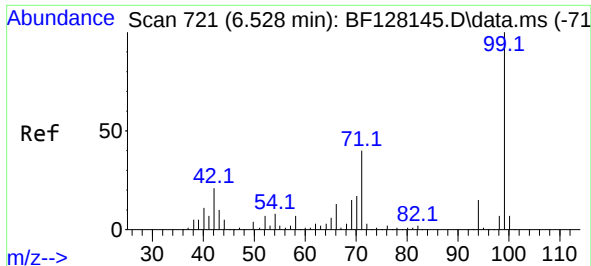
Reviewed By :Christian Giraldo 05/11/2022
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#6
Aniline
Concen: 17.921 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

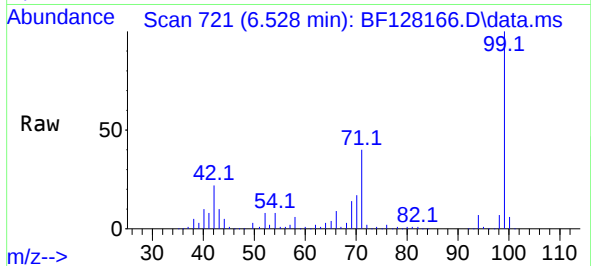
Tgt Ion: 93 Resp: 129873
Ion Ratio Lower Upper
93 100
66 46.2 32.2 48.4
65 24.1 16.7 25.1





#7
Phenol-d6
Concen: 127.197 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

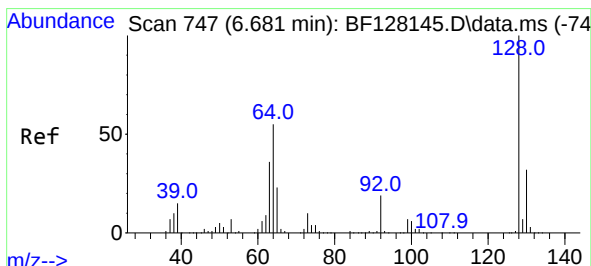
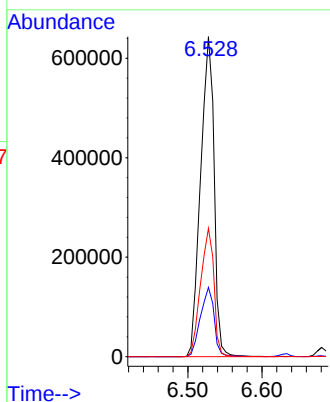
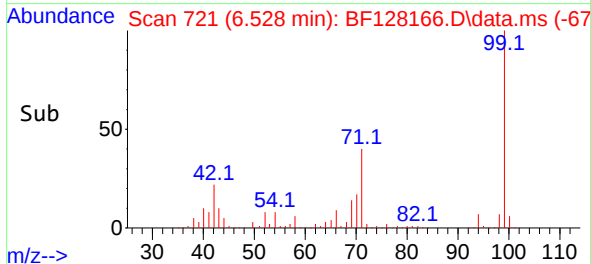
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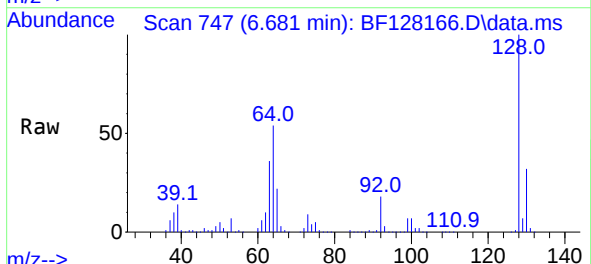
Tgt Ion: 99 Resp: 81626
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.1 30.0 45.0

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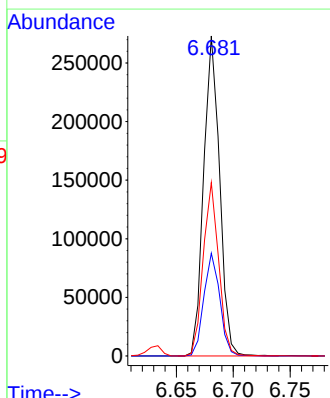
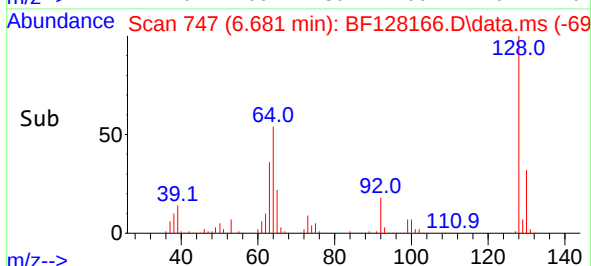
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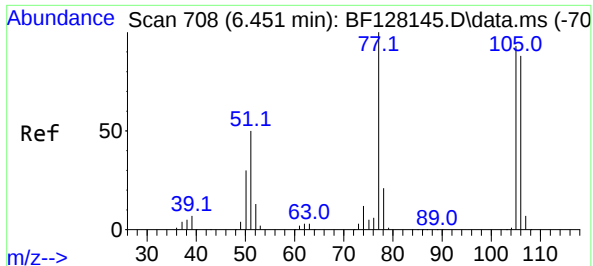


#8
2-Chlorophenol
Concen: 53.860 ng
RT: 6.681 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



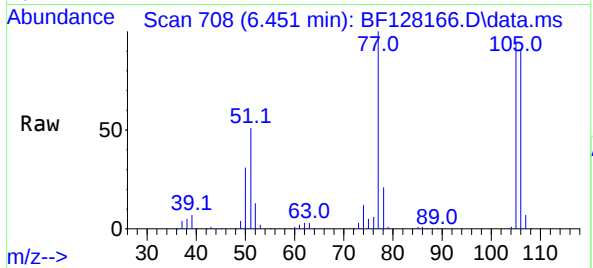
Tgt Ion:128 Resp: 266164
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 54.2 33.8 73.8





#9
Benzaldehyde
Concen: 39.274 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

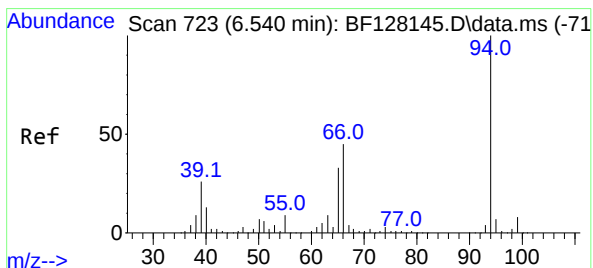
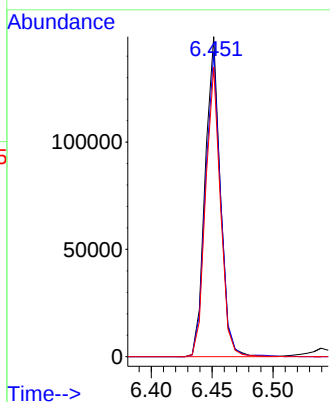
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



Tgt Ion: 77 Resp: 128568
Ion Ratio Lower Upper
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105 95.3 74.9 114.9
106 90.6 72.2 112.2

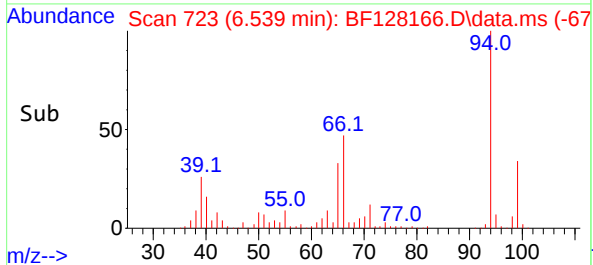
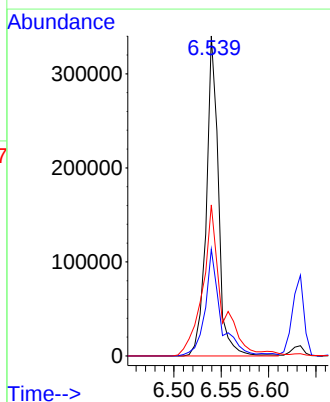
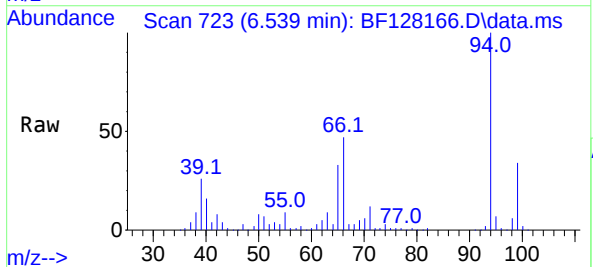
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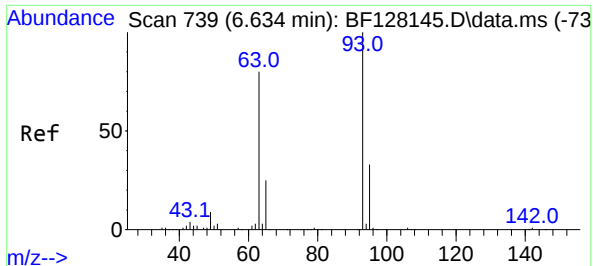
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#10
Phenol
Concen: 44.499 ng
RT: 6.539 min Scan# 723
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

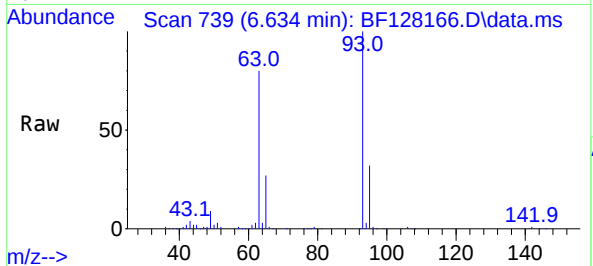
Tgt Ion: 94 Resp: 301139
Ion Ratio Lower Upper
94 100
65 33.4 10.6 50.6
66 47.2 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 53.734 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

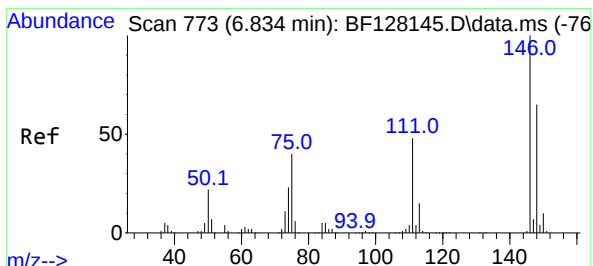
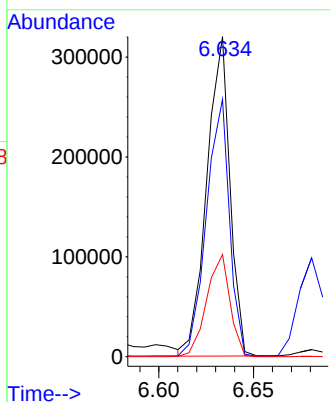
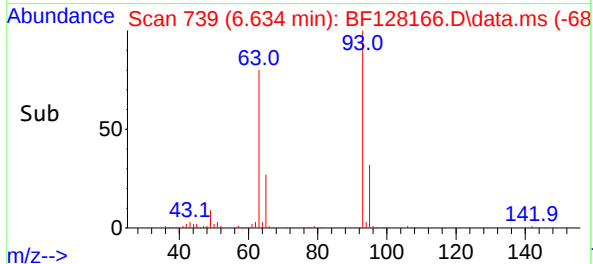
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



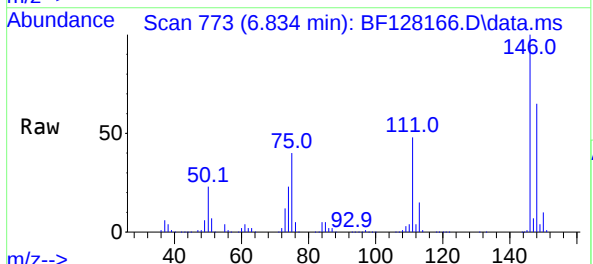
Tgt Ion: 93 Resp: 272332
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 32.0 12.9 52.9

Manual Integrations
APPROVED

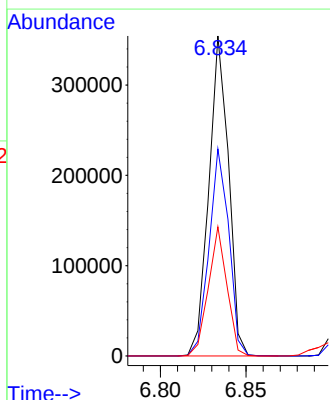
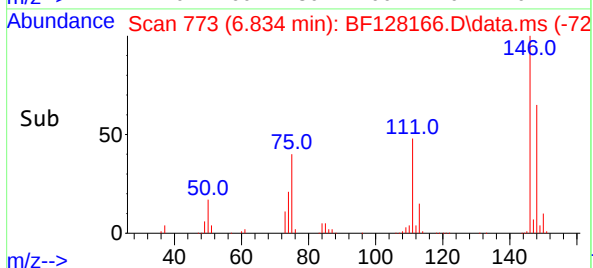
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



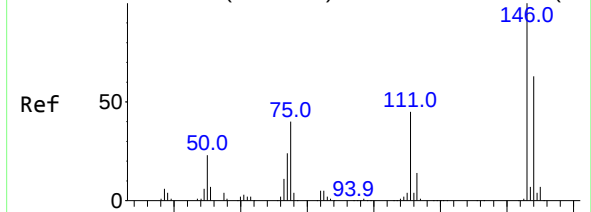
#12
1,3-Dichlorobenzene
Concen: 51.098 ng m
RT: 6.834 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:146 Resp: 284216
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 40.4 26.2 39.4

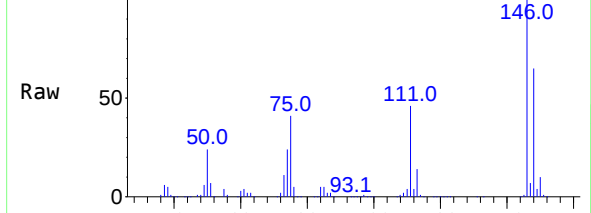


Abundance Scan 786 (6.910 min): BF128145.D\data.ms (-78



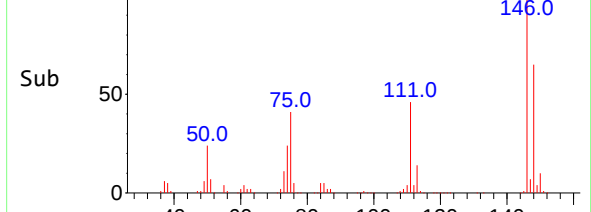
m/z-->

Abundance Scan 786 (6.910 min): BF128166.D\data.ms



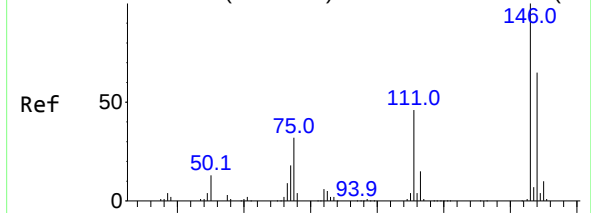
m/z-->

Abundance Scan 786 (6.910 min): BF128166.D\data.ms (-73



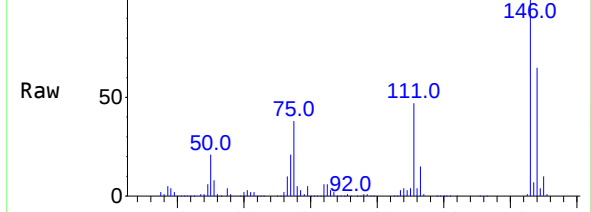
m/z-->

Abundance Scan 813 (7.069 min): BF128145.D\data.ms (-80



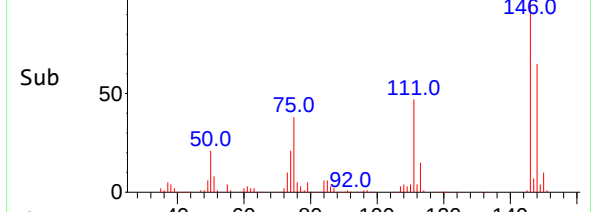
m/z-->

Abundance Scan 812 (7.063 min): BF128166.D\data.ms



m/z-->

Abundance Scan 812 (7.063 min): BF128166.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 51.849 ng

RT: 6.910 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Tgt Ion:146 Resp: 291409

Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

111 46.3 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

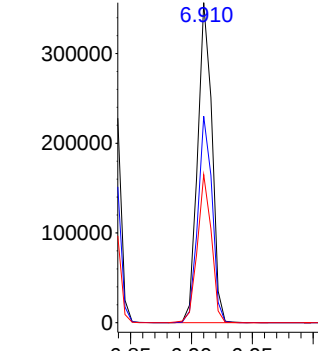
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 52.394 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Tgt Ion:146 Resp: 277494

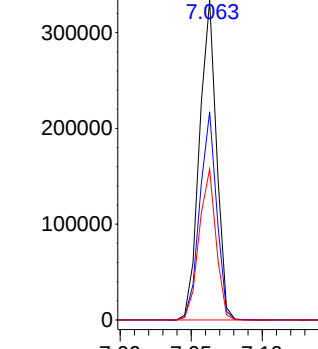
Ion Ratio Lower Upper

146 100

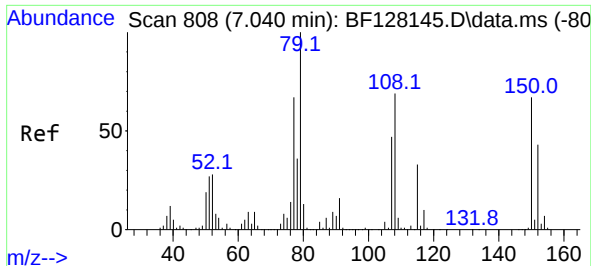
148 65.1 51.8 77.6

111 47.1 36.6 55.0

Abundance



Time-->



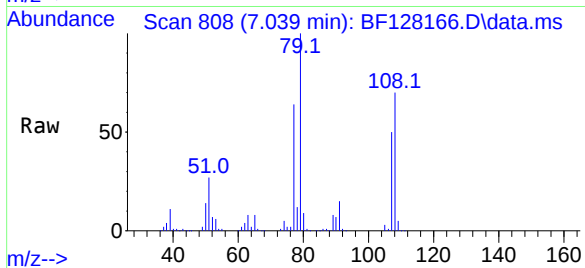
#15
Benzyl Alcohol
Concen: 53.447 ng
RT: 7.039 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

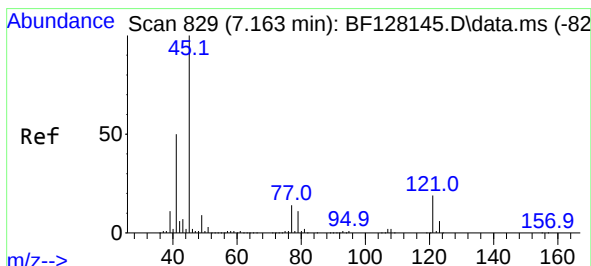
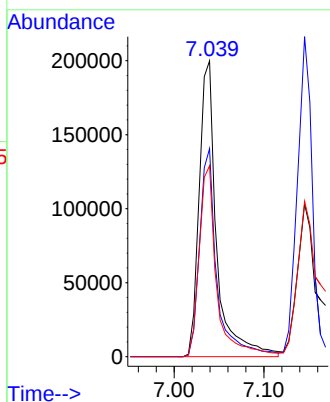
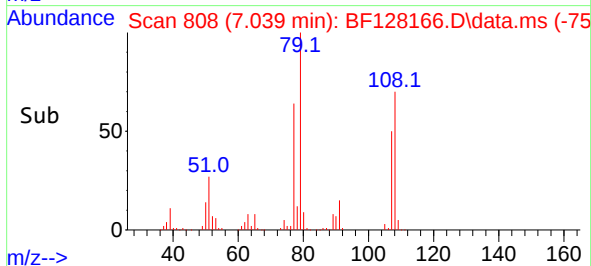


Tgt Ion: 79 Resp: 271040
Ion Ratio Lower Upper
79 100
108 70.3 57.0 85.6
77 64.5 50.2 75.4

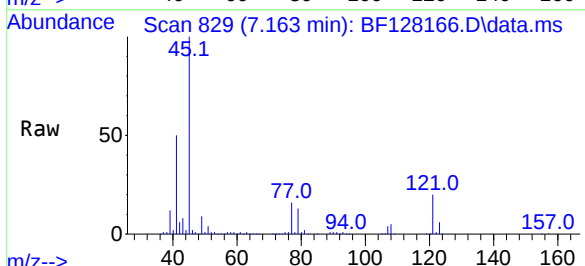
Manual Integrations

APPROVED

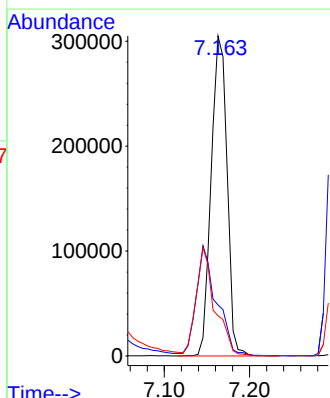
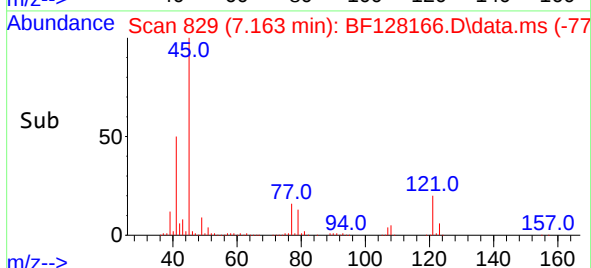
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

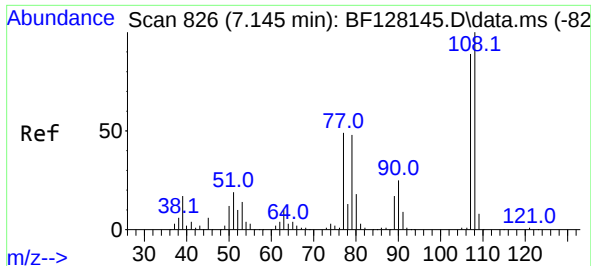


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.777 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion: 45 Resp: 396646
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.9
79 12.6 0.0 31.6





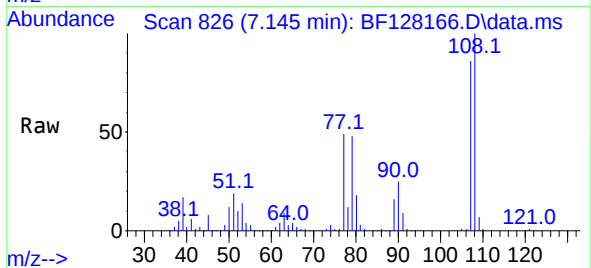
#17
2-Methylphenol
Concen: 52.199 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

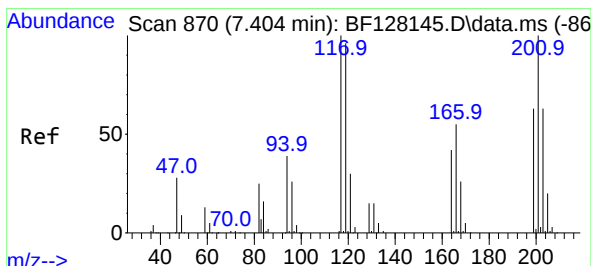
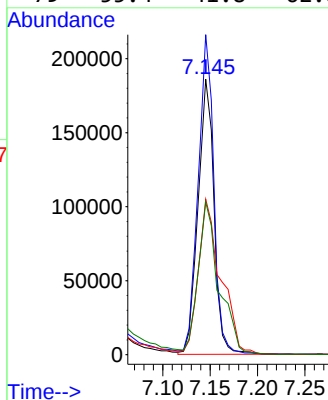
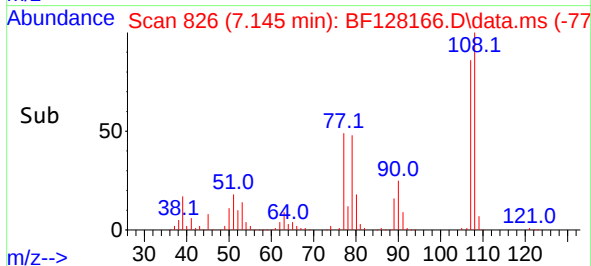


Tgt Ion:107 Resp: 218844
Ion Ratio Lower Upper
107 100
108 116.1 90.2 135.2
77 56.4 41.9 62.9
79 55.4 41.8 62.8

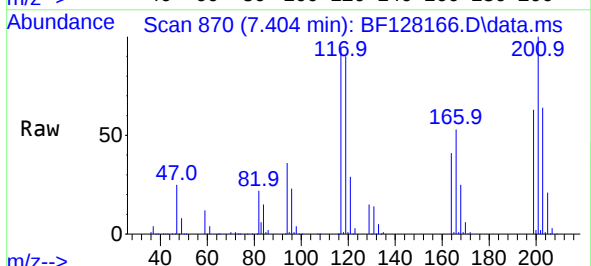
Manual Integrations

APPROVED

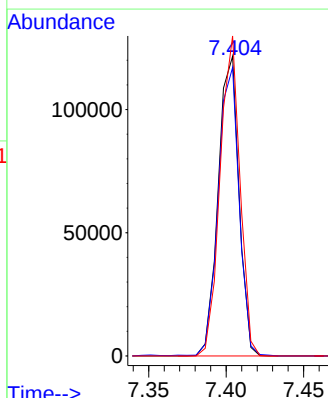
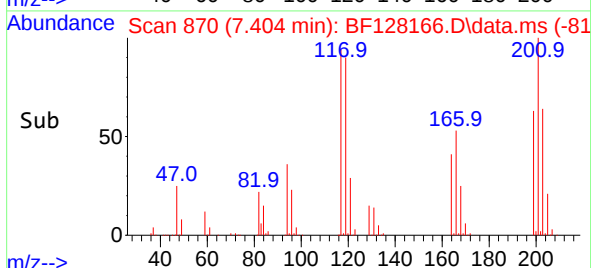
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

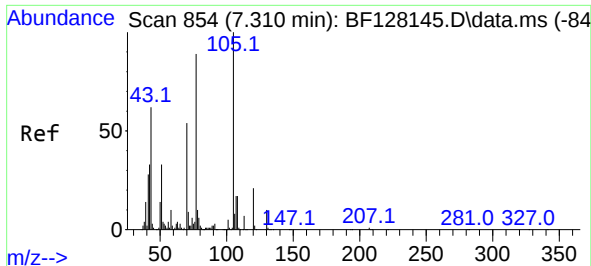


#18
Hexachloroethane
Concen: 53.395 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:117 Resp: 113376
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
201 106.8 84.4 126.6





#19

n-Nitroso-di-n-propylamine

Concen: 52.935 ng

RT: 7.304 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF128166.D

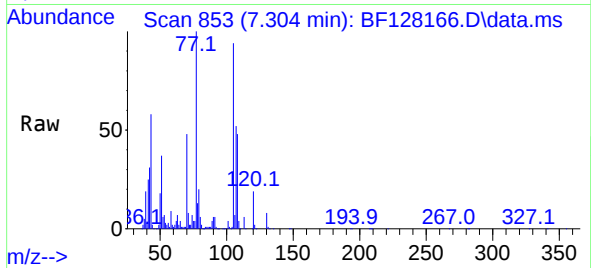
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD



Tgt Ion: 70 Resp: 20919

Ion Ratio Lower Upper

70 100

42 63.9 48.7 73.1

101 8.5 7.2 10.8

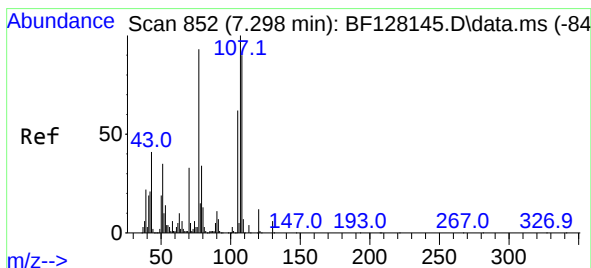
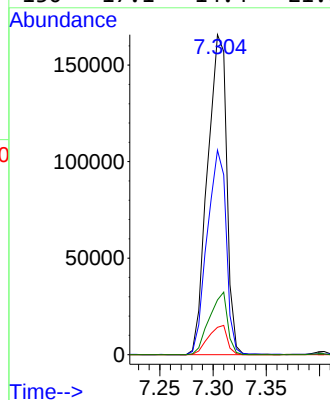
130 17.1 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#20

3+4-Methylphenols

Concen: 50.296 ng

RT: 7.298 min Scan# 852

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Tgt Ion:107 Resp: 261087

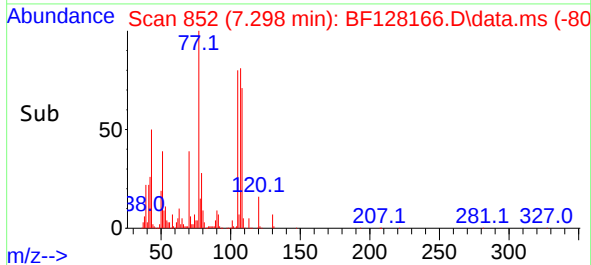
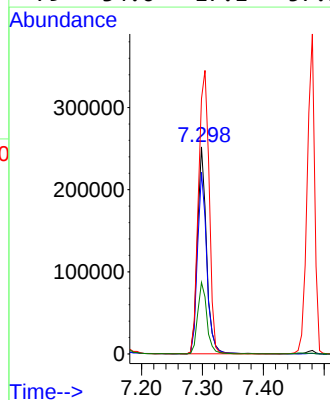
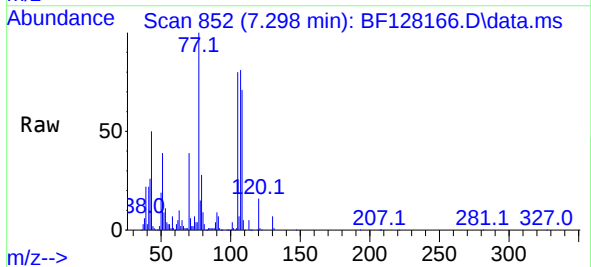
Ion Ratio Lower Upper

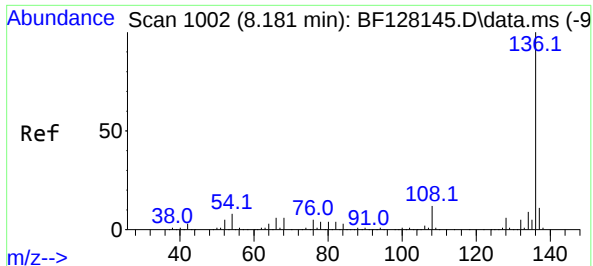
107 100

108 87.6 73.4 113.4

77 123.2 71.1 111.1#

79 34.6 17.1 57.1





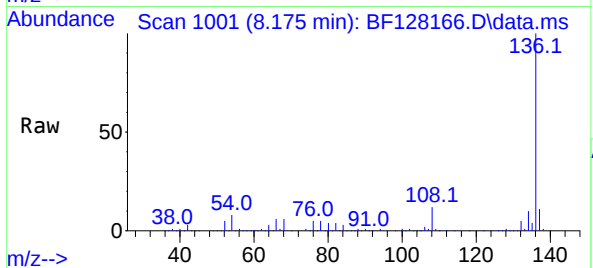
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

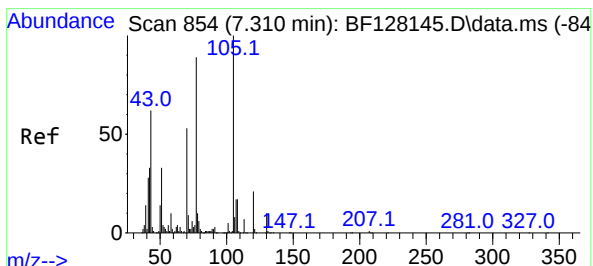
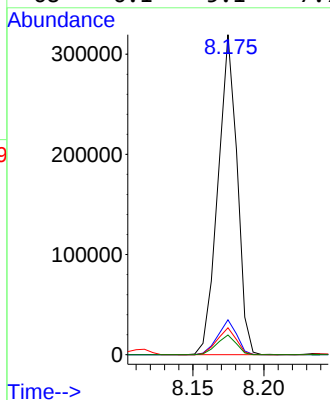
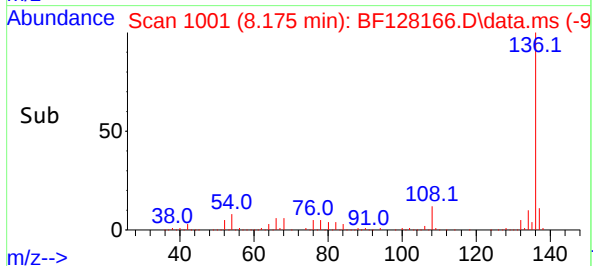


Tgt Ion:136 Resp: 29911
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 6.8 10.2
68 6.1 5.1 7.7

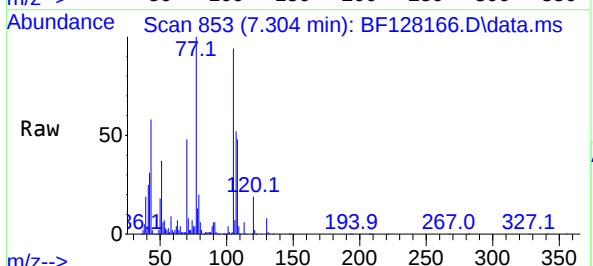
Manual Integrations

APPROVED

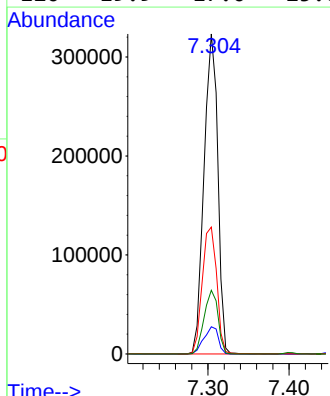
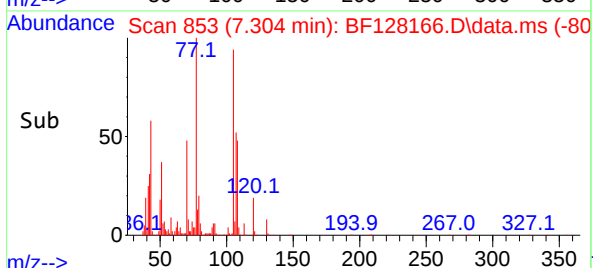
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

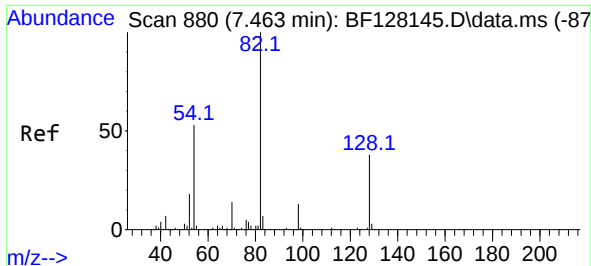


#22
Acetophenone
Concen: 51.102 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:105 Resp: 380618
Ion Ratio Lower Upper
105 100
71 8.5 7.3 10.9
51 39.7 23.7 35.5#
120 19.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 100.577 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

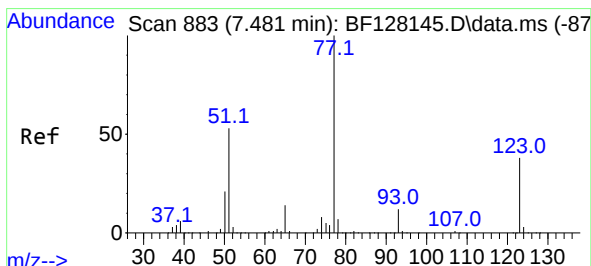
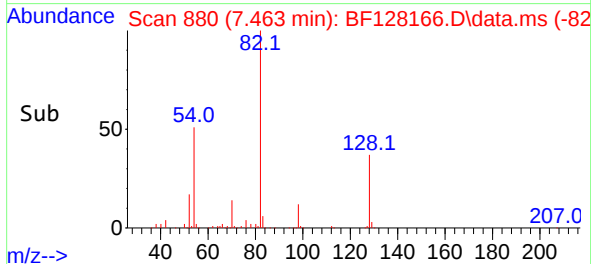
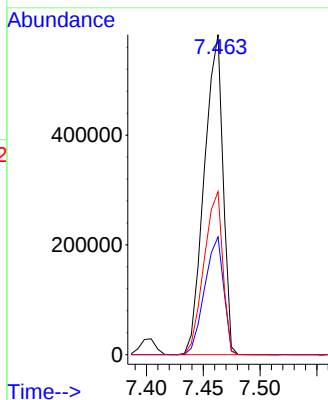
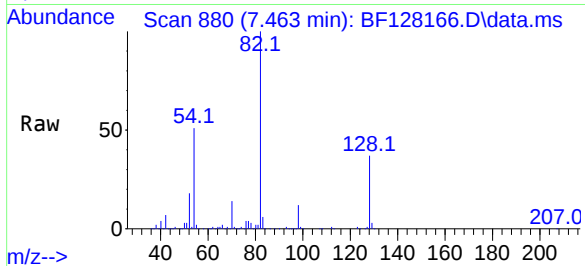
MH-31SMSD

Tgt Ion: 82 Resp: 66858
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 51.0 41.3 61.9

Manual Integrations

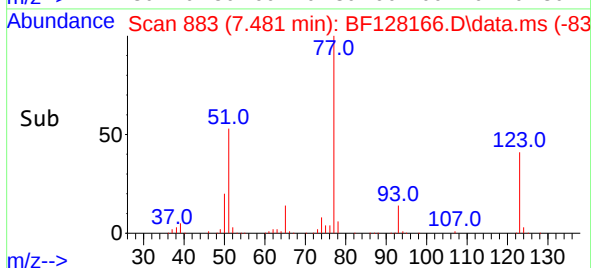
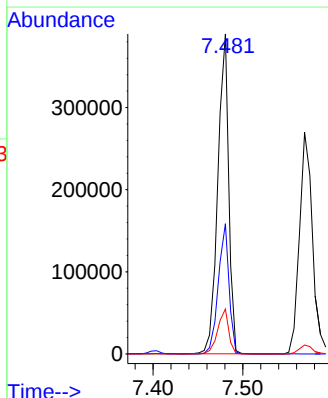
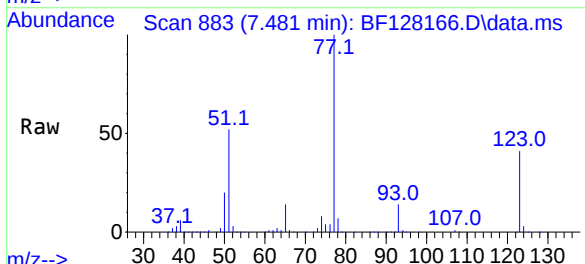
APPROVED

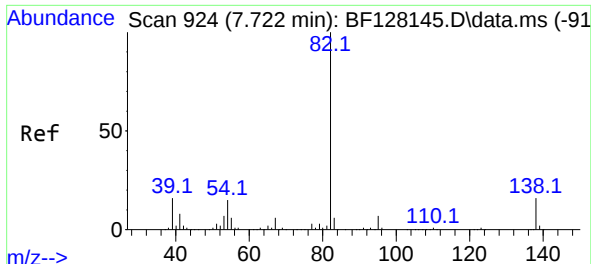
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#24
Nitrobenzene
Concen: 53.562 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion: 77 Resp: 328611
Ion Ratio Lower Upper
77 100
123 40.7 32.0 48.0
65 14.1 11.0 16.6





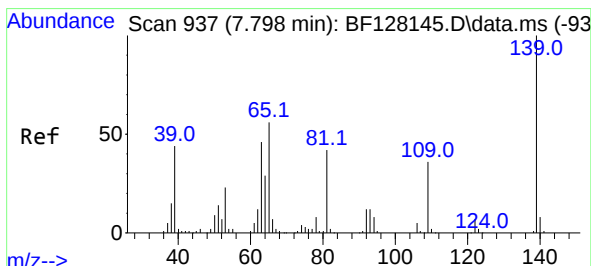
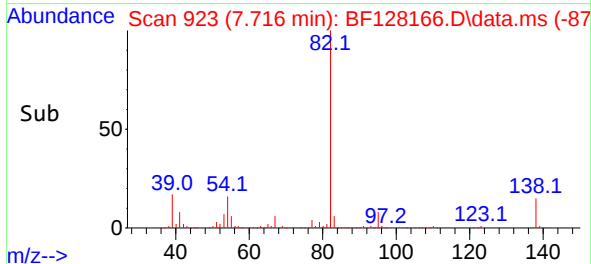
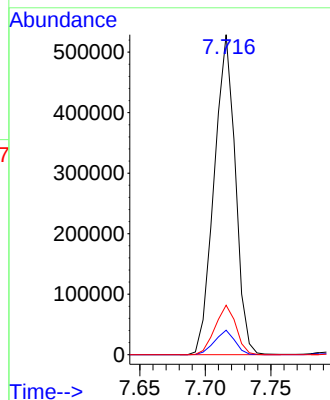
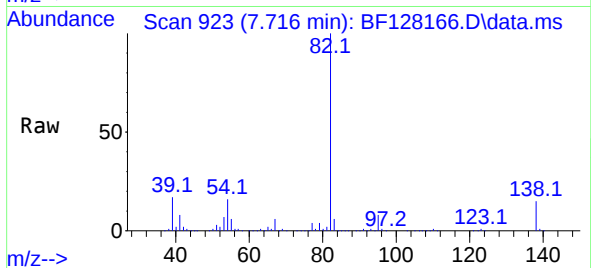
#25
Isophorone
Concen: 56.905 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
MH-31SMSD

Tgt Ion: 82 Resp: 59304
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 15.5 12.5 18.7

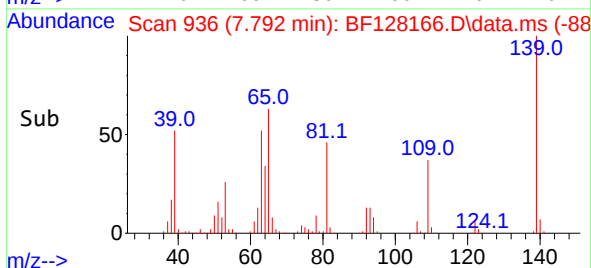
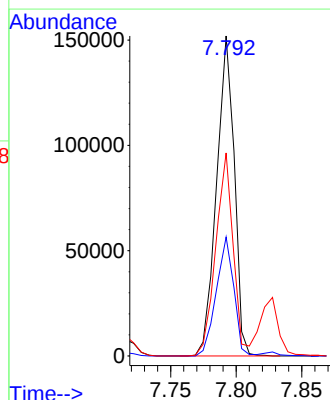
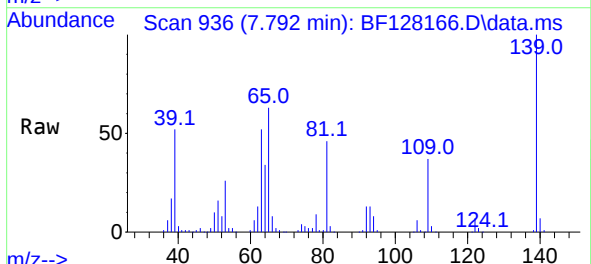
Manual Integrations
APPROVED

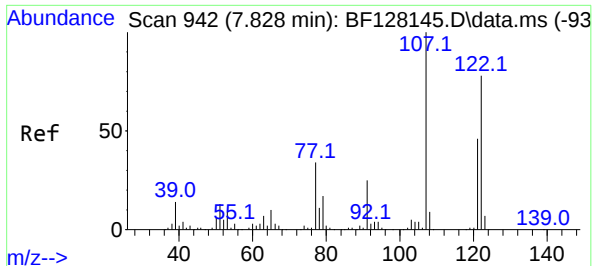
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#26
2-Nitrophenol
Concen: 52.911 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

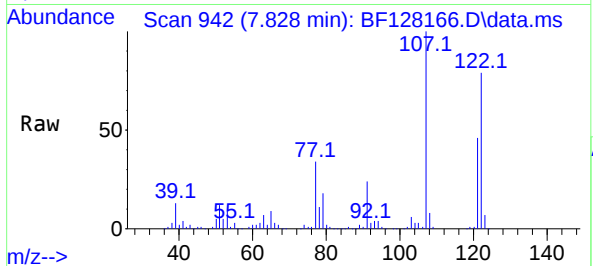
Tgt Ion:139 Resp: 142541
Ion Ratio Lower Upper
139 100
109 37.2 27.4 41.2
65 63.4 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 59.467 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

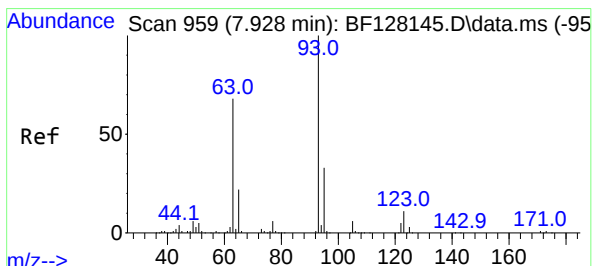
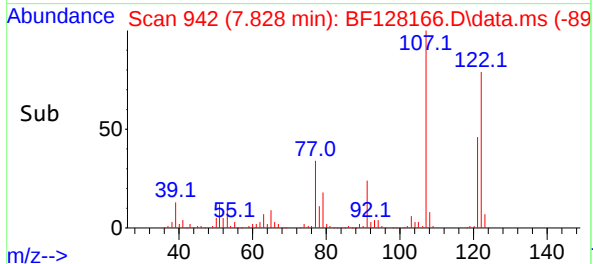
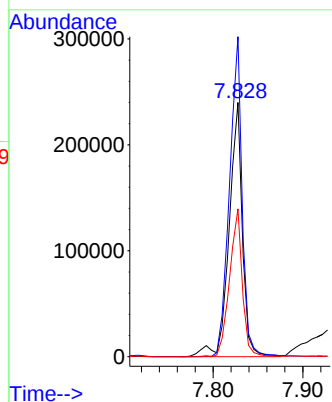
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



Tgt Ion:122 Resp: 246932
Ion Ratio Lower Upper
122 100
107 125.9 97.5 146.3
121 58.2 46.0 69.0

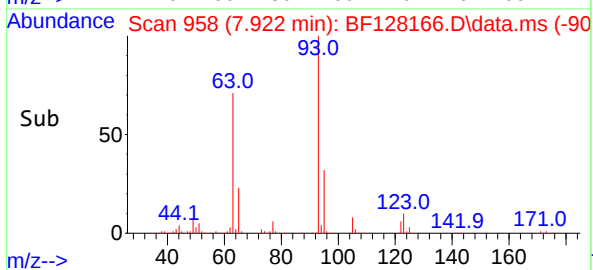
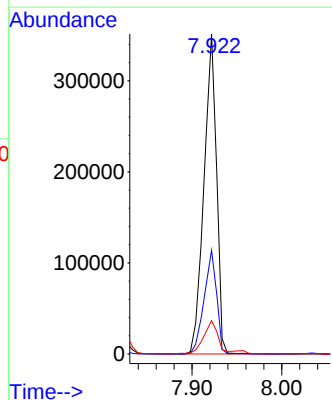
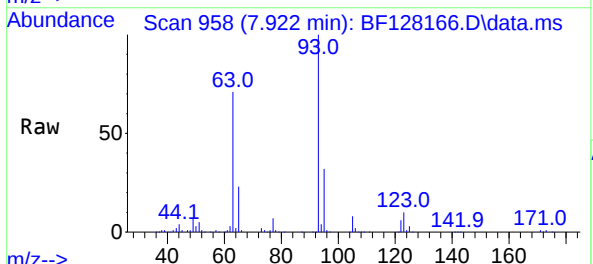
Manual Integrations
APPROVED

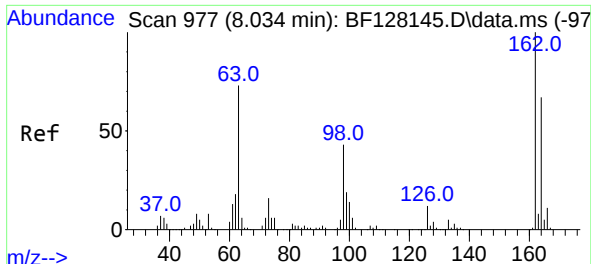
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.916 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion: 93 Resp: 342005
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 10.4 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 52.014 ng

RT: 8.034 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

Tgt Ion:162 Resp: 227060

Ion Ratio Lower Upper

162 100

164 67.4 47.1 87.1

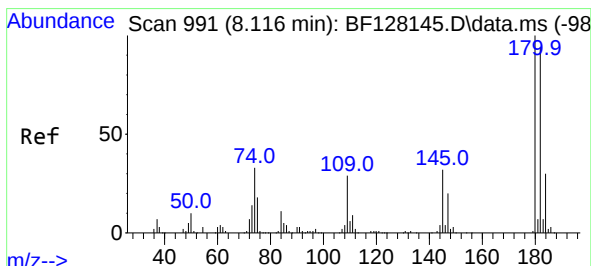
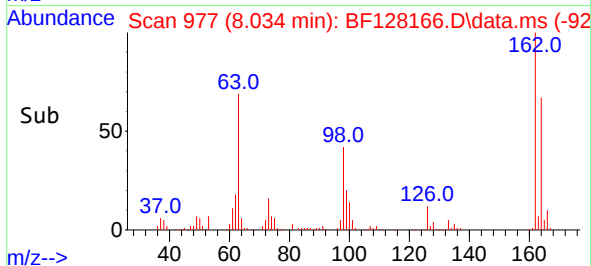
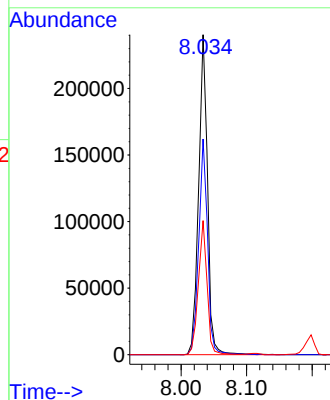
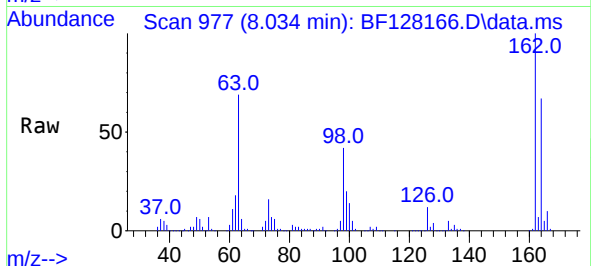
98 41.9 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 50.721 ng

RT: 8.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

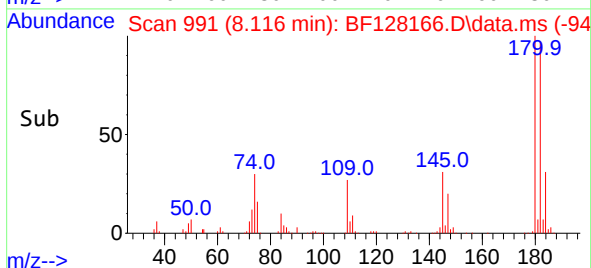
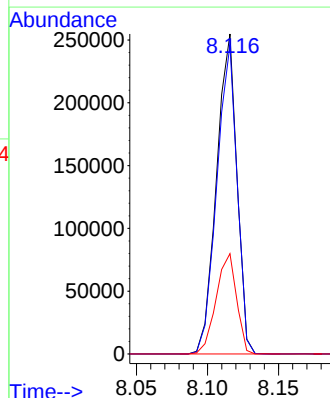
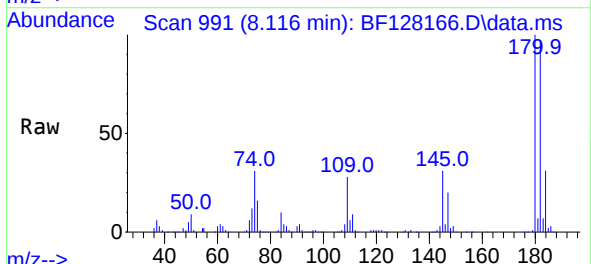
Tgt Ion:180 Resp: 253768

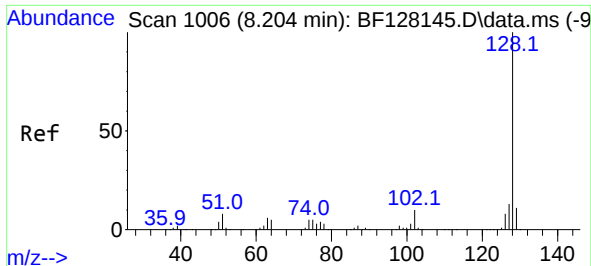
Ion Ratio Lower Upper

180 100

182 96.6 76.4 114.6

145 31.4 25.1 37.7





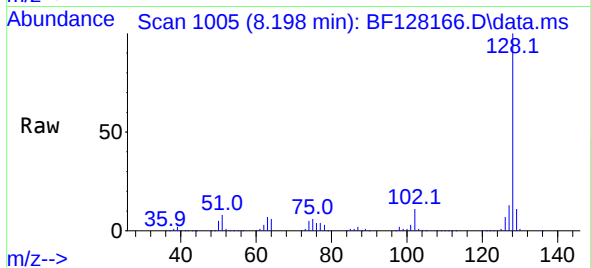
#31
Naphthalene
Concen: 51.956 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

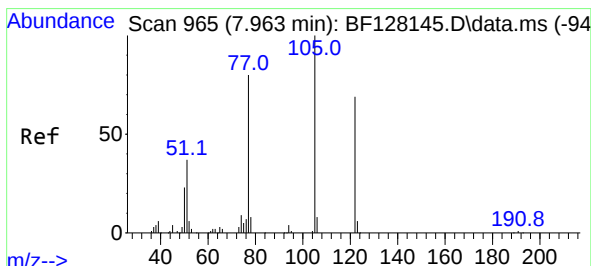
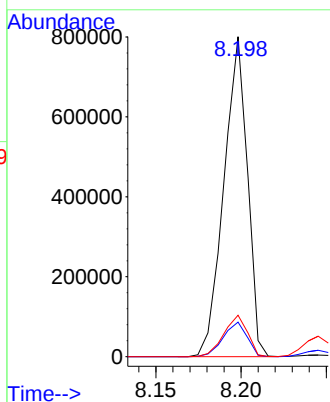
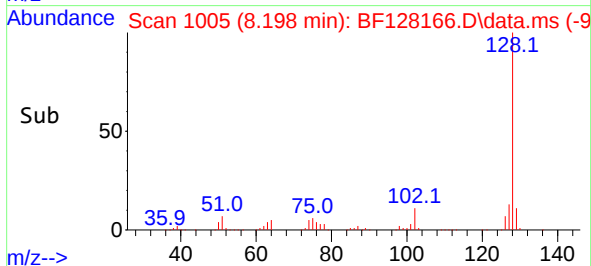


Tgt Ion:128 Resp: 767509
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.6 16.0

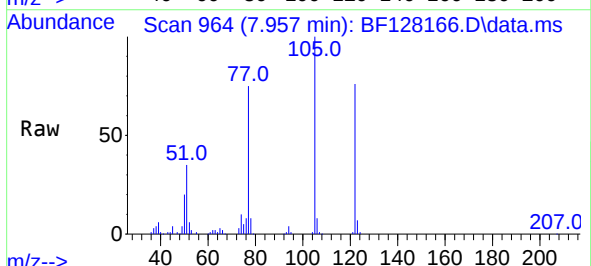
Manual Integrations

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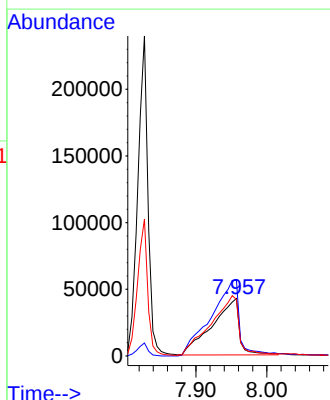
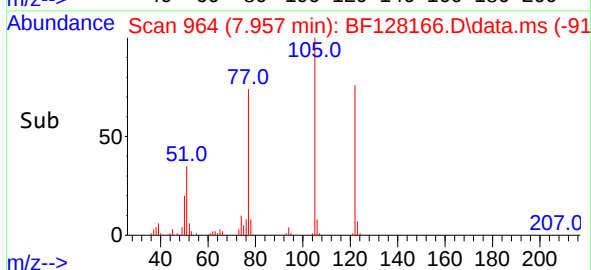
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

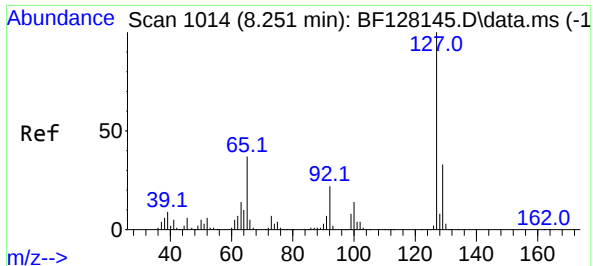


#32
Benzoic acid
Concen: 36.363 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:122 Resp: 112920
Ion Ratio Lower Upper
122 100
105 131.4 107.9 147.9
77 98.3 82.5 122.5





#33
4-Chloroaniline
Concen: 11.482 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

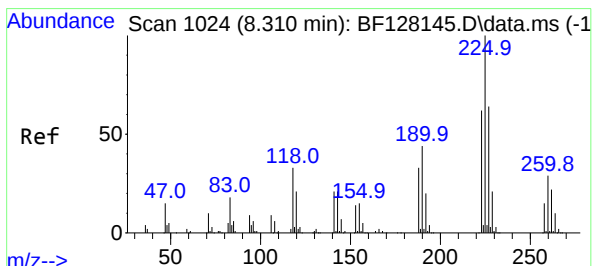
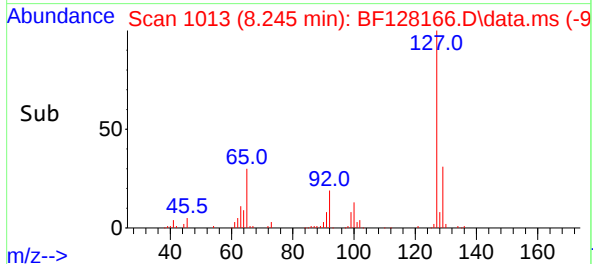
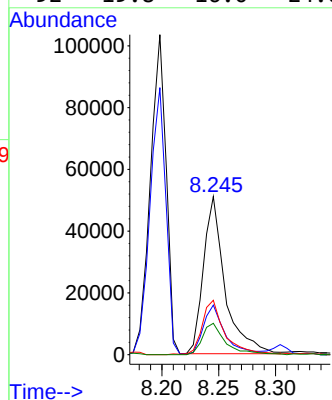
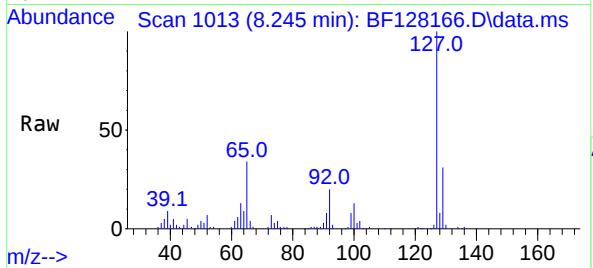
MH-31SMSD

Tgt Ion:127 Resp: 6733
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.8
65 34.4 26.7 40.1
92 19.8 16.0 24.0

Manual Integrations

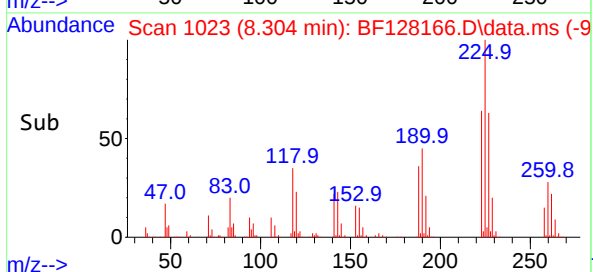
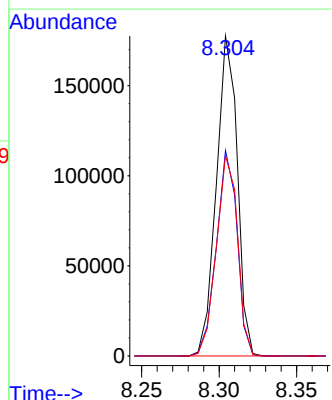
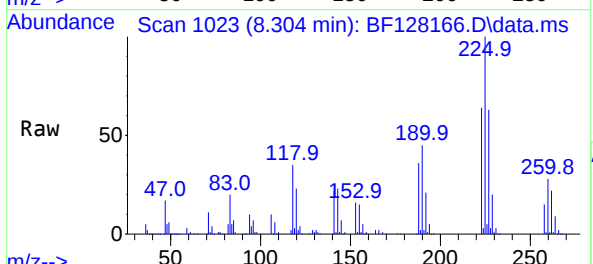
APPROVED

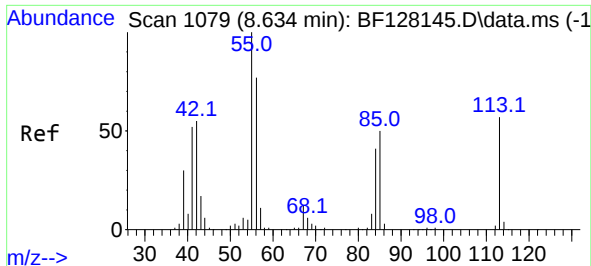
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#34
Hexachlorobutadiene
Concen: 49.604 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

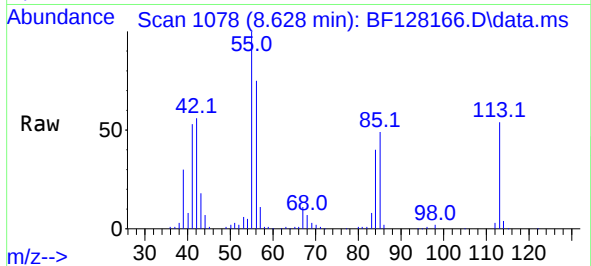
Tgt Ion:225 Resp: 166648
Ion Ratio Lower Upper
225 100
223 64.2 52.0 78.0
227 62.6 50.7 76.1





#35
Caprolactam
Concen: 44.866 ng m
RT: 8.628 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

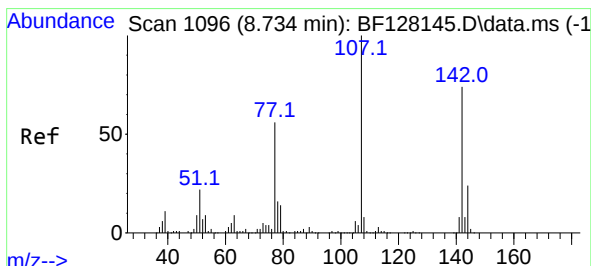
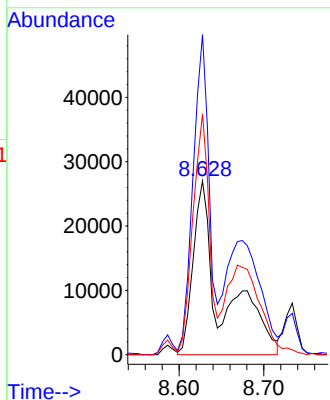
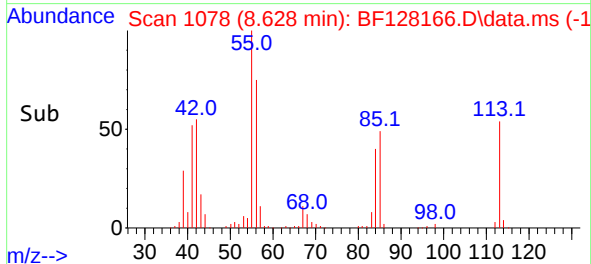
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



Tgt Ion:113 Resp: 63934
Ion Ratio Lower Upper
113 100
55 184.2 157.4 197.4
56 138.6 116.1 156.1

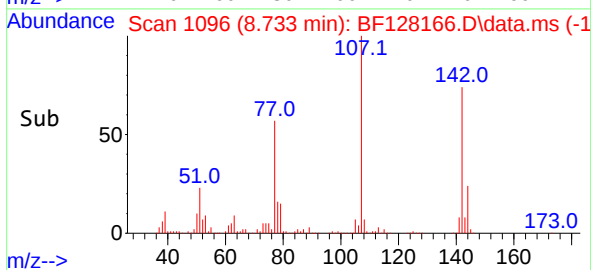
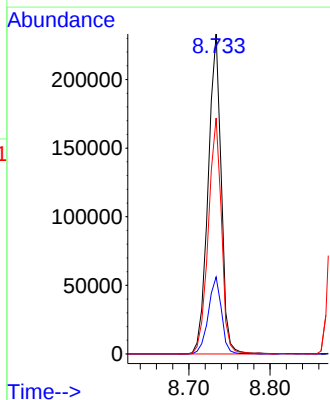
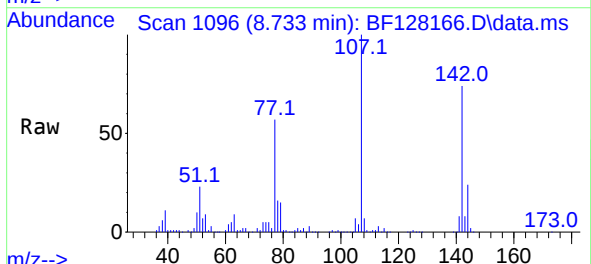
Manual Integrations
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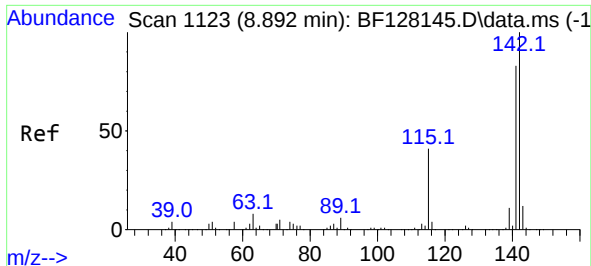
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#36
4-Chloro-3-methylphenol
Concen: 53.474 ng
RT: 8.733 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:107 Resp: 260829
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.4
142 73.8 61.5 92.3





#37

2-Methylnaphthalene

Concen: 52.168 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

Tgt Ion:142 Resp: 51957

Ion Ratio Lower Upper

142 100

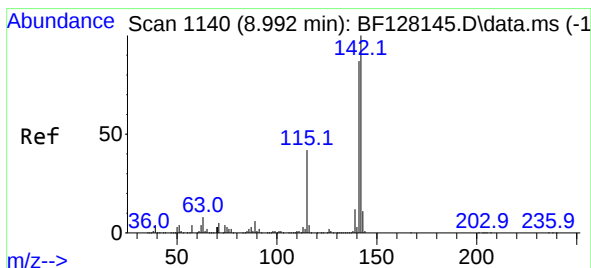
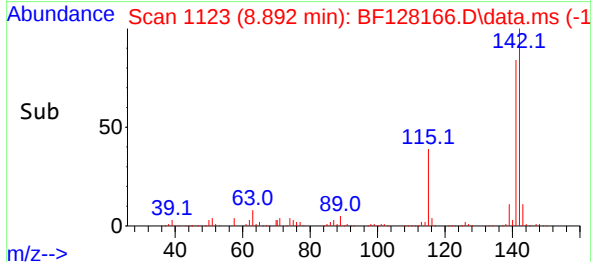
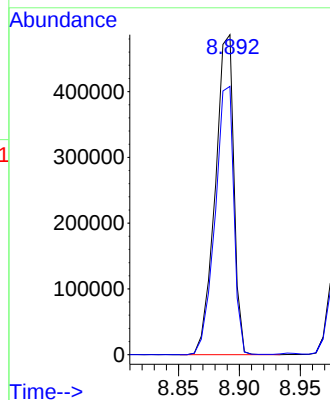
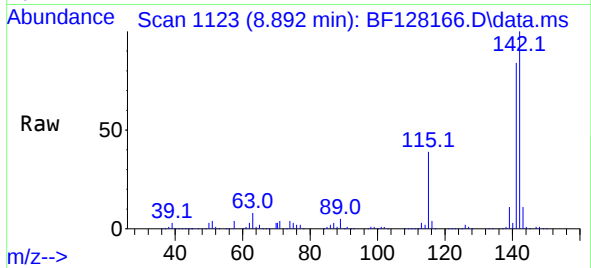
141 83.8 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#38

1-Methylnaphthalene

Concen: 52.114 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF128166.D

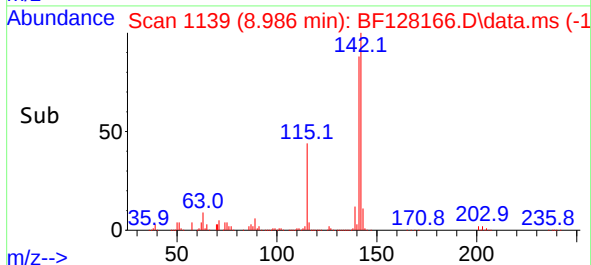
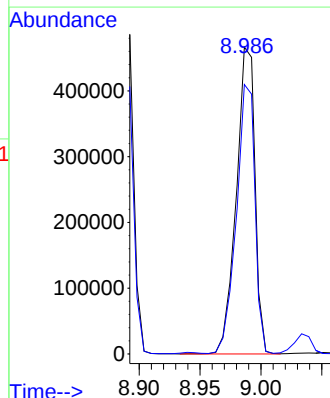
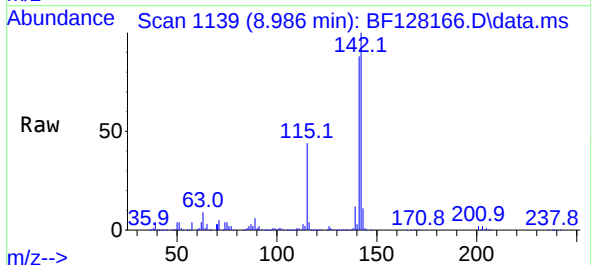
Acq: 10 May 2022 18:07

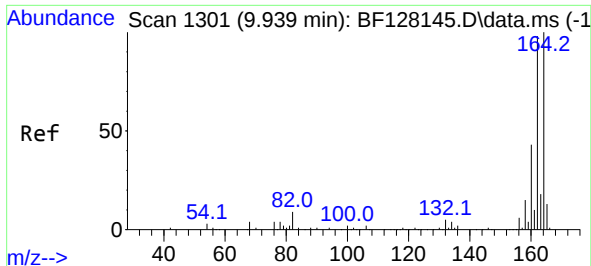
Tgt Ion:142 Resp: 498503

Ion Ratio Lower Upper

142 100

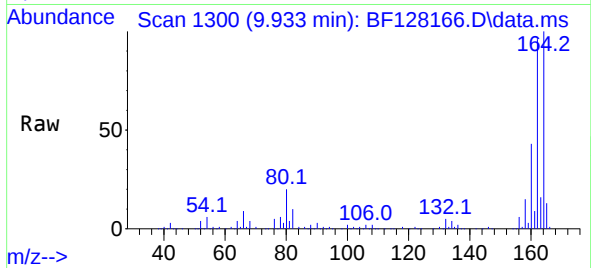
141 87.8 70.1 105.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

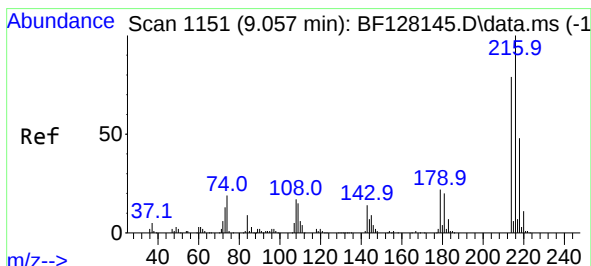
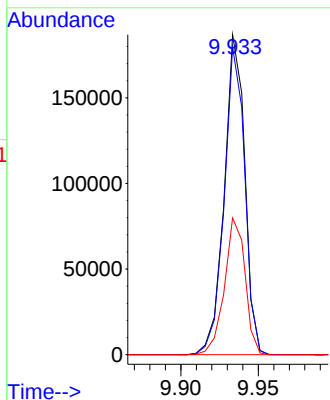
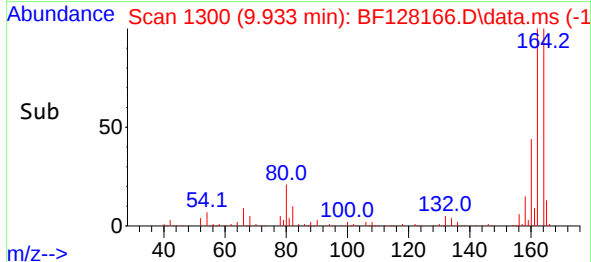
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



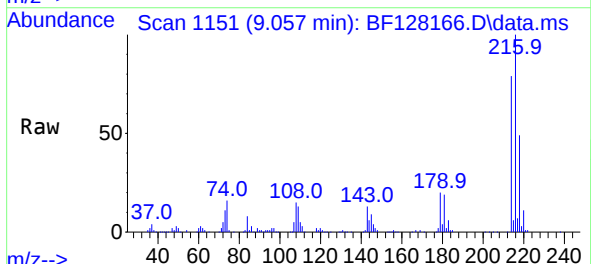
Tgt Ion:164 Resp: 17210
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 42.7 34.8 52.2

Manual Integrations
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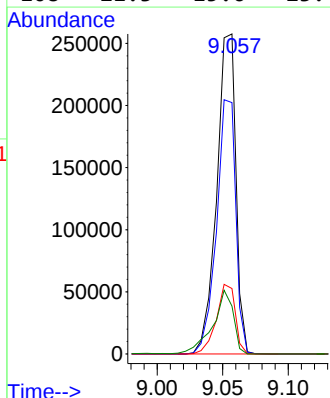
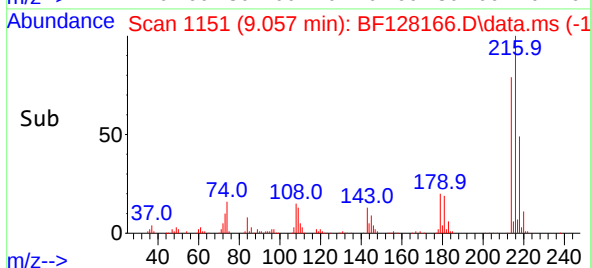
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

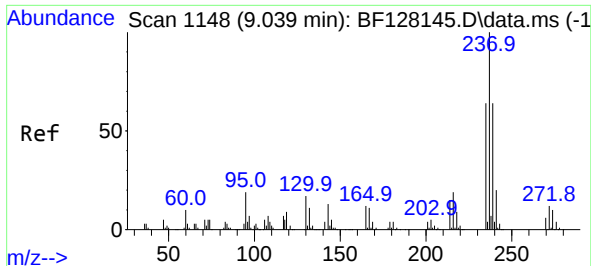


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.585 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



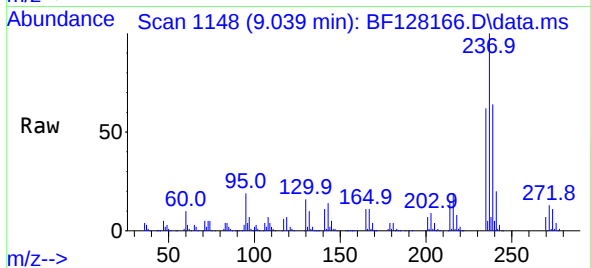
Tgt Ion:216 Resp: 261882
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 21.4 16.9 25.3
108 21.3 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 105.466 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

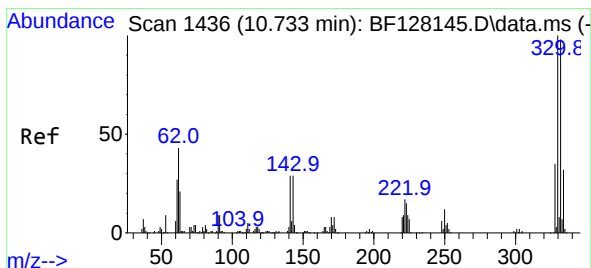
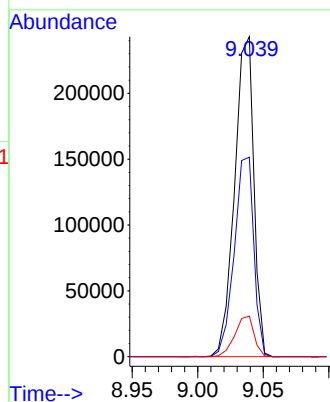
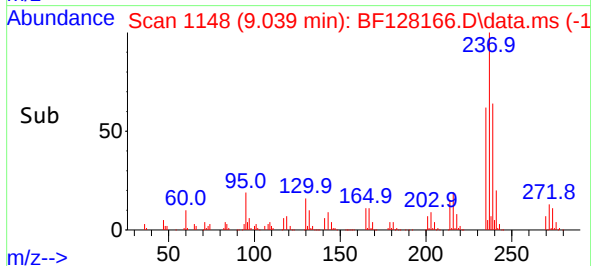
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



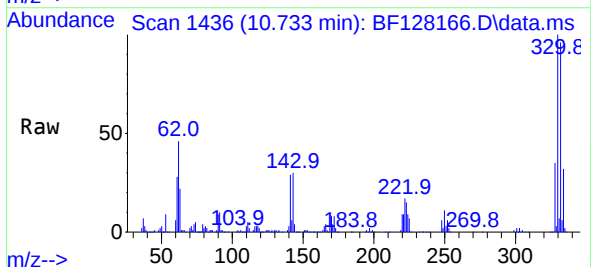
Tgt Ion:237 Resp: 24875
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.7 0.0 32.1

Manual Integrations
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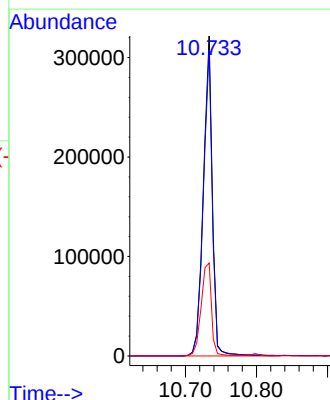
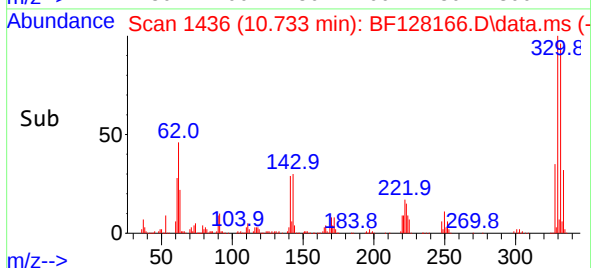
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

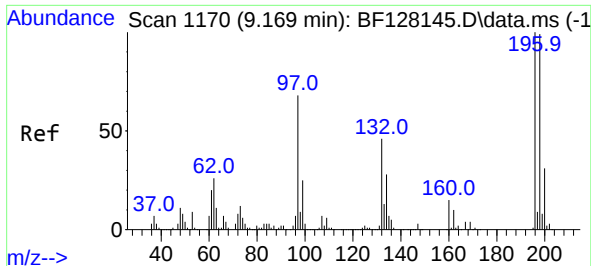


#42
2,4,6-Tribromophenol
Concen: 144.662 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:330 Resp: 285536
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 33.3 28.9 43.3





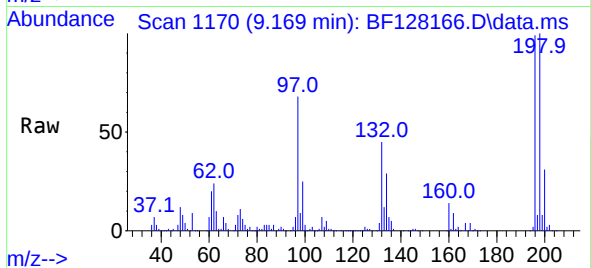
#43
2,4,6-Trichlorophenol
Concen: 51.772 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

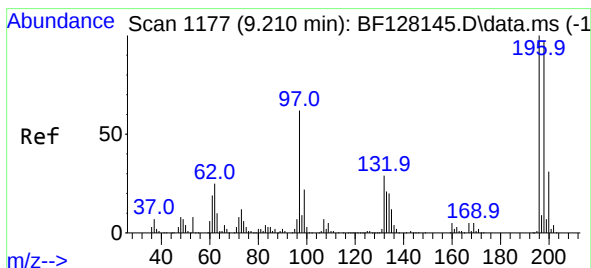
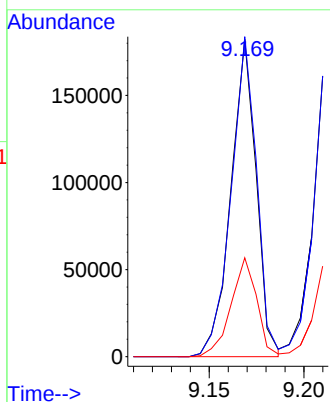
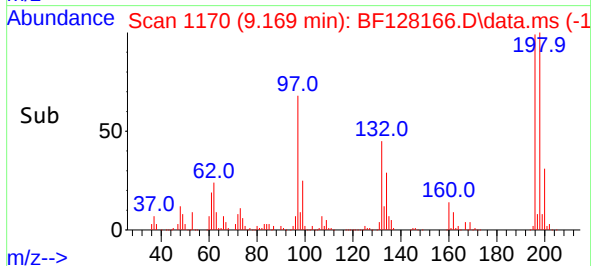


Tgt Ion:196 Resp: 169332
Ion Ratio Lower Upper
196 100
198 100.8 80.4 120.6
200 31.2 25.9 38.9

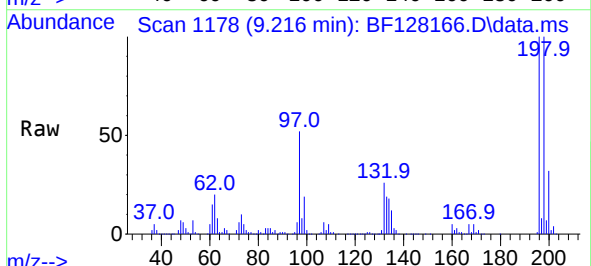
Manual Integrations

APPROVED

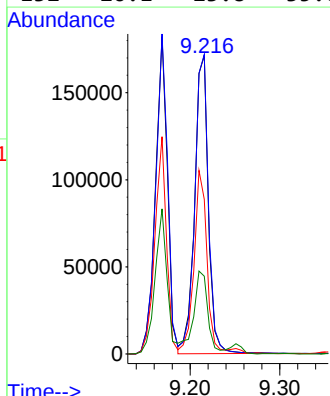
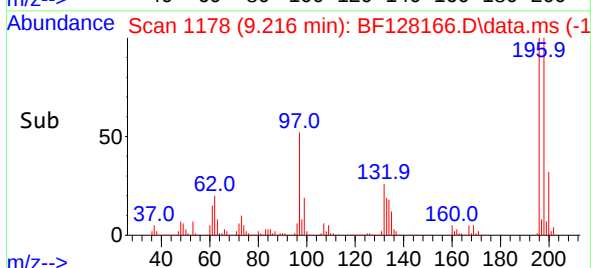
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

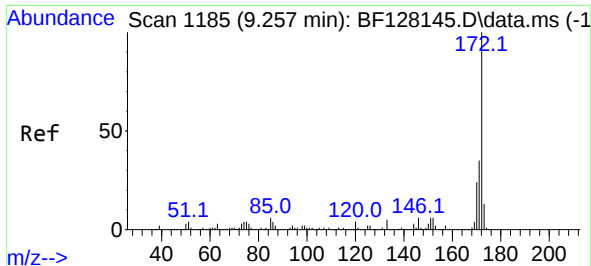


#44
2,4,5-Trichlorophenol
Concen: 52.024 ng
RT: 9.216 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:196 Resp: 181427
Ion Ratio Lower Upper
196 100
198 100.4 80.2 120.2
97 51.8 50.3 75.5
132 26.1 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 101.146 ng

RT: 9.251 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

Tgt Ion:172 Resp: 111251

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

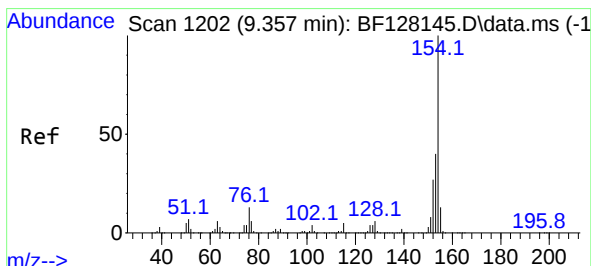
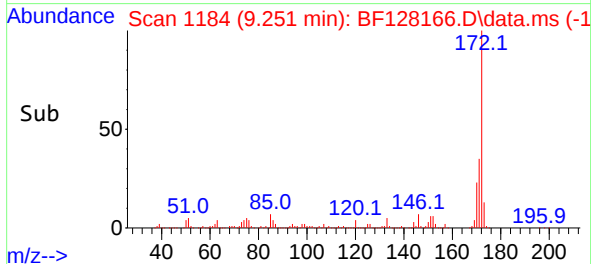
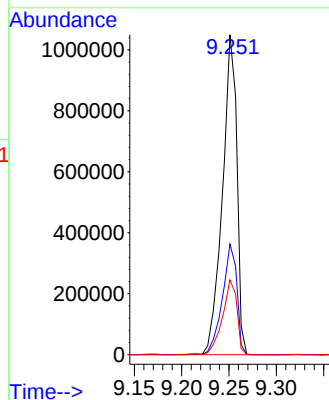
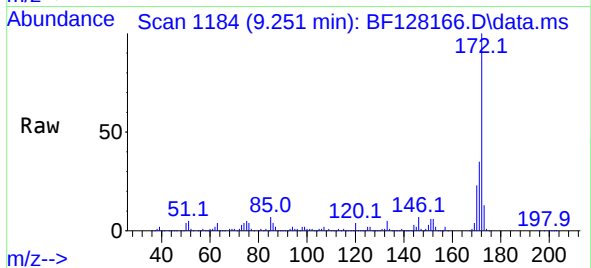
170 23.4 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#46

1,1'-Biphenyl

Concen: 51.971 ng

RT: 9.357 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

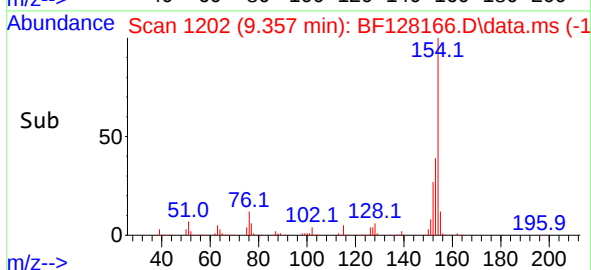
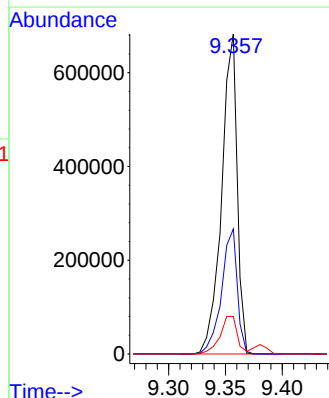
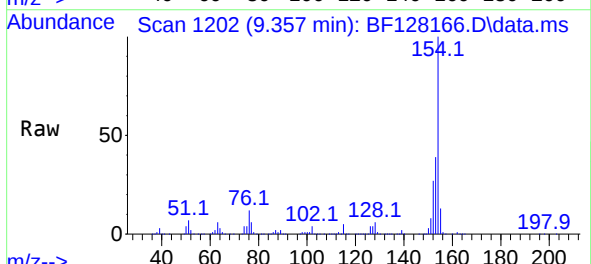
Tgt Ion:154 Resp: 651146

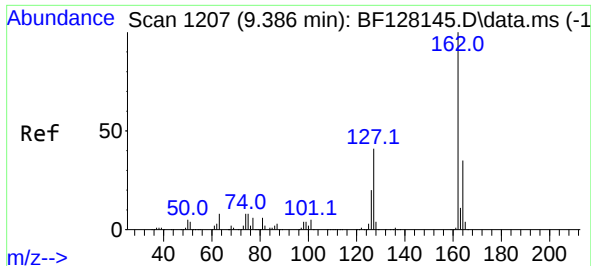
Ion Ratio Lower Upper

154 100

153 39.1 20.4 60.4

76 11.8 0.0 33.2





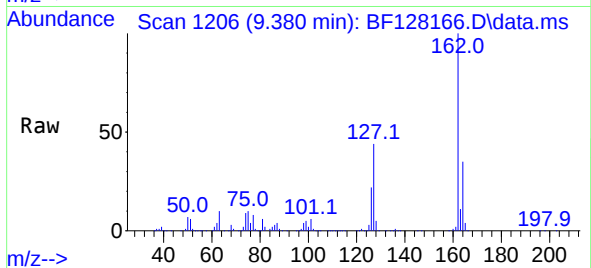
#47
2-Chloronaphthalene
Concen: 52.312 ng
RT: 9.380 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

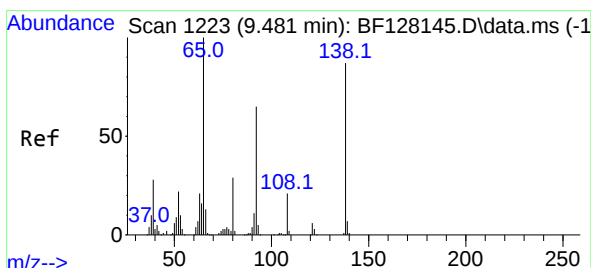
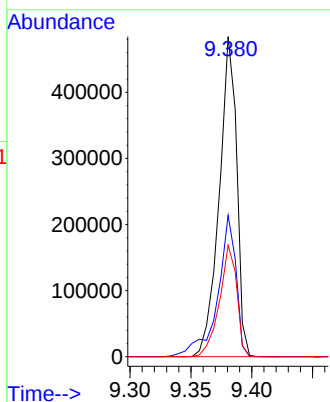
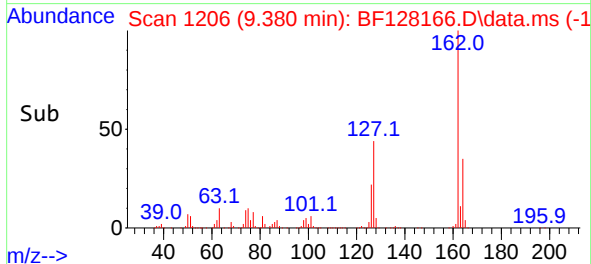


Tgt Ion:162 Resp: 48578
Ion Ratio Lower Upper
162 100
127 44.2 32.9 49.3
164 34.8 28.2 42.2

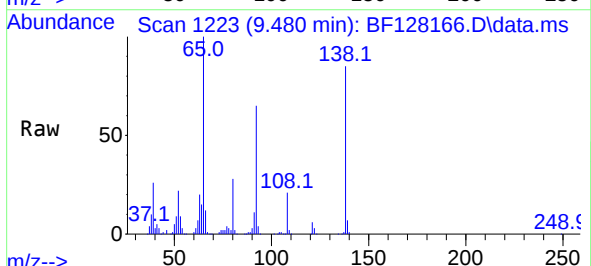
Manual Integrations

APPROVED

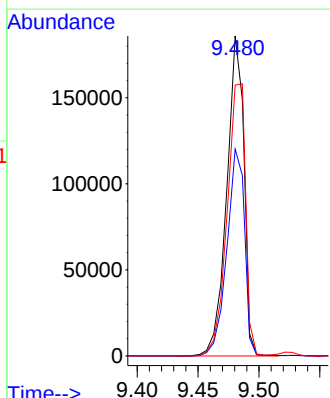
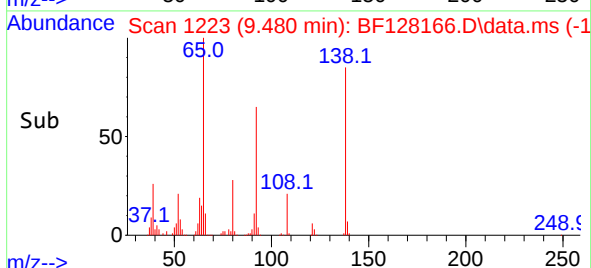
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

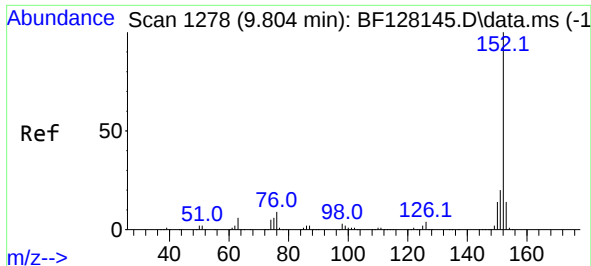


#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.480 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion: 65 Resp: 182237
Ion Ratio Lower Upper
65 100
92 64.7 53.7 80.5
138 84.6 76.4 114.6





#49

Acenaphthylene

Concen: 55.770 ng

RT: 9.798 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

Tgt Ion:152 Resp: 783338

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

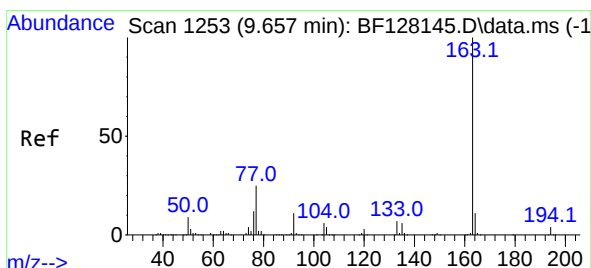
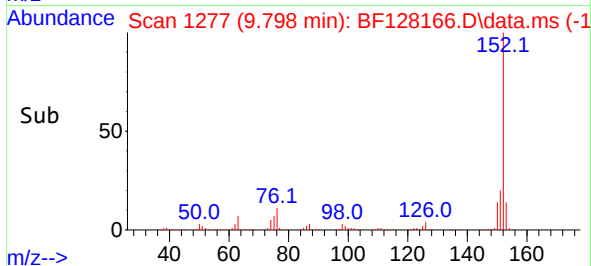
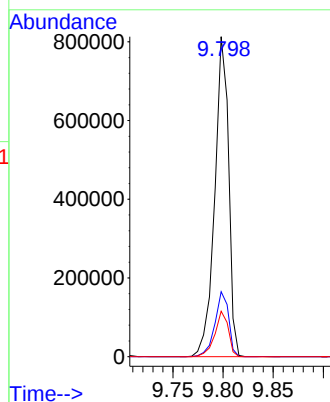
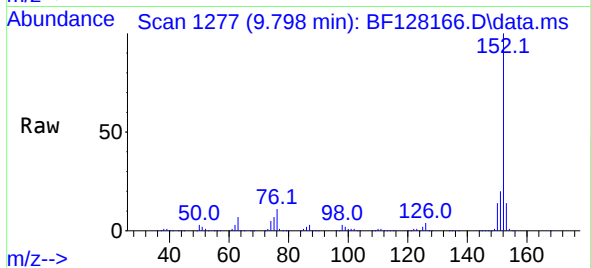
153 14.2 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2022

Supervised By :Jagrut Upadhyay 05/11/2022



#50

Dimethylphthalate

Concen: 52.828 ng

RT: 9.657 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF128166.D

Acq: 10 May 2022 18:07

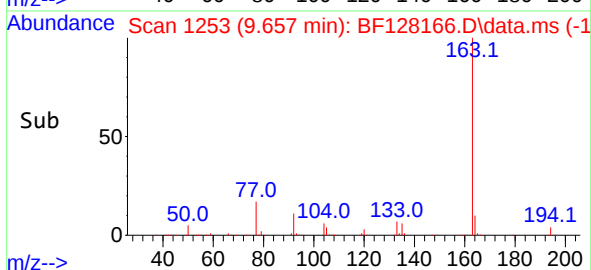
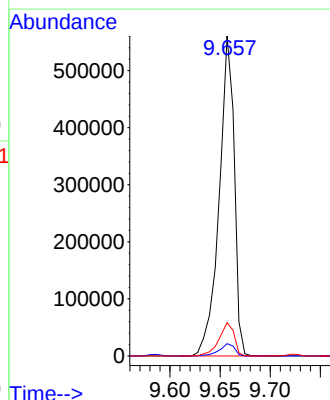
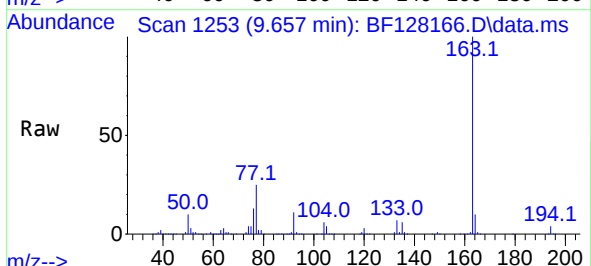
Tgt Ion:163 Resp: 586716

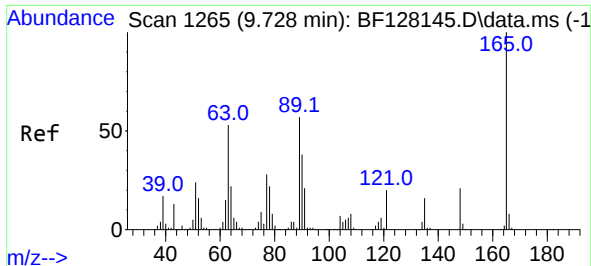
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.6 13.0





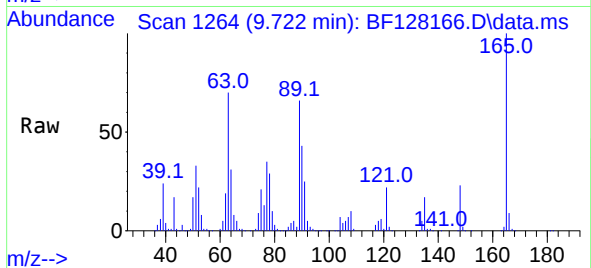
#51
2,6-Dinitrotoluene
Concen: 56.117 ng
RT: 9.722 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

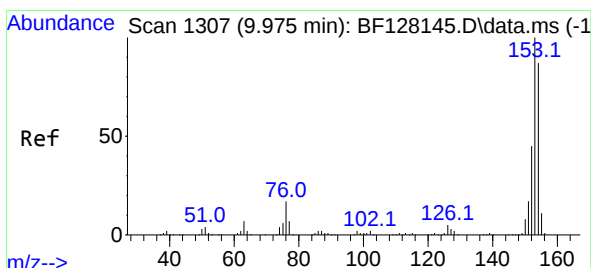
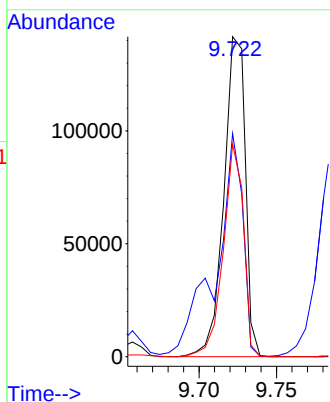
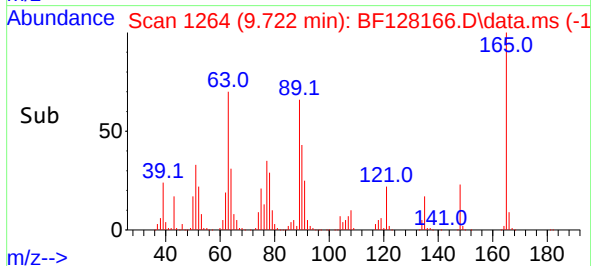


Tgt Ion:165 Resp: 136718
Ion Ratio Lower Upper
165 100
63 69.7 49.5 74.3
89 66.5 49.0 73.4

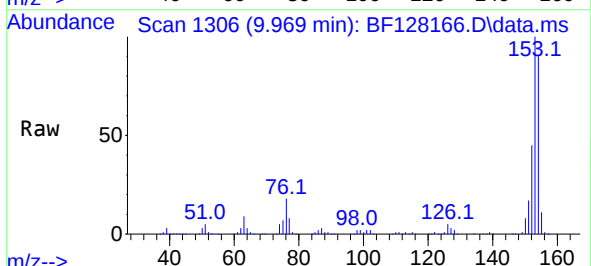
Manual Integrations

APPROVED

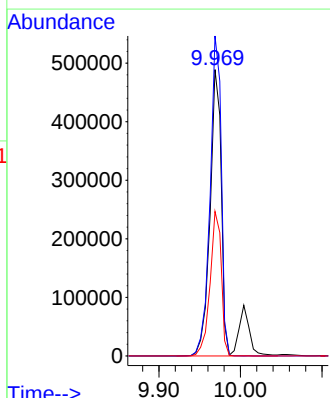
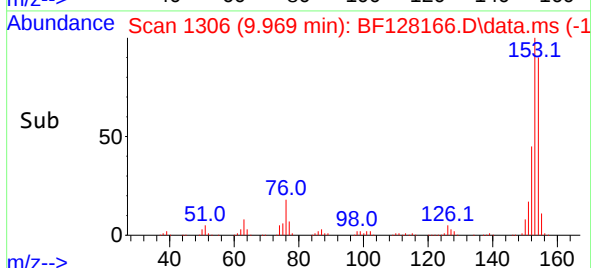
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

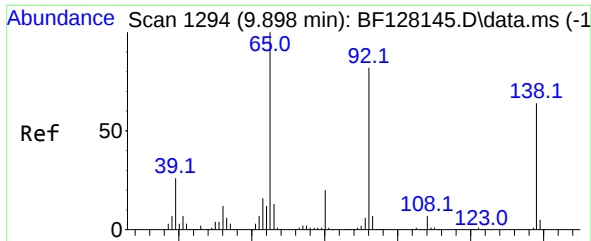


#52
Acenaphthene
Concen: 55.656 ng m
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:154 Resp: 542018
Ion Ratio Lower Upper
154 100
153 111.7 90.5 135.7
152 50.4 41.0 61.6





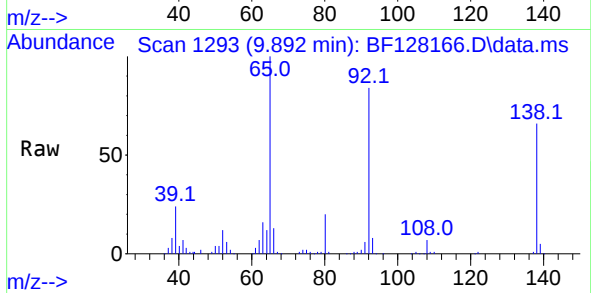
#53
3-Nitroaniline
Concen: 21.084 ng
RT: 9.892 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

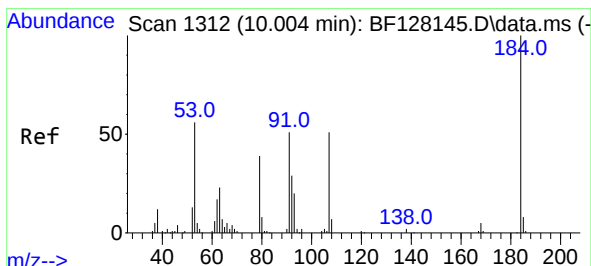
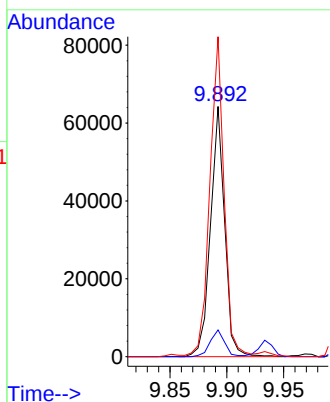
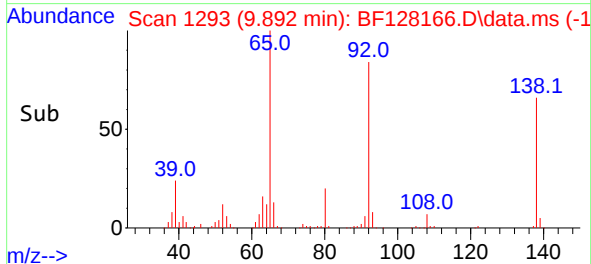


Tgt Ion:138 Resp: 5568
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 127.9 102.7 154.1

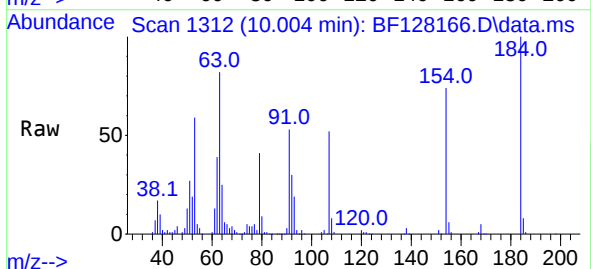
Manual Integrations

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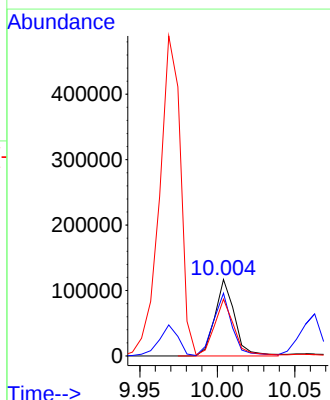
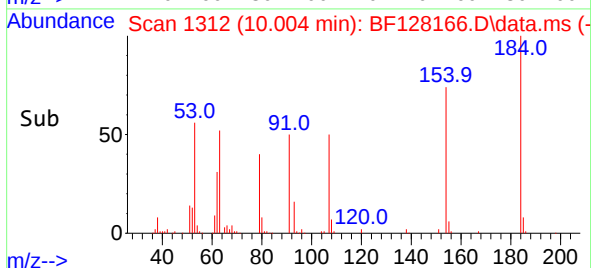
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

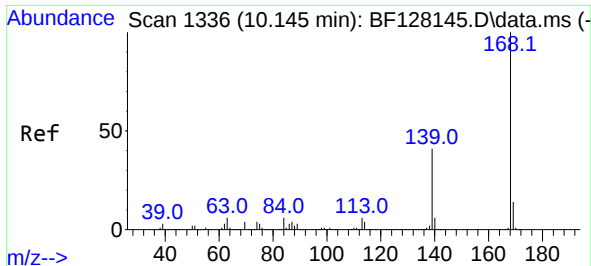


#54
2,4-Dinitrophenol
Concen: 76.674 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



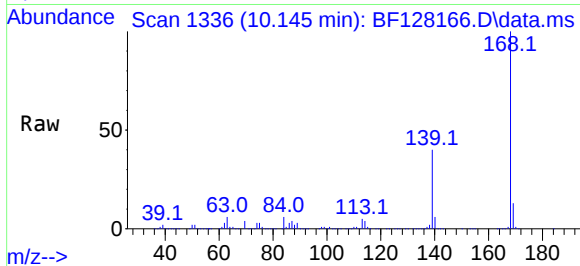
Tgt Ion:184 Resp: 103340
Ion Ratio Lower Upper
184 100
63 82.1 50.0 75.0#
154 74.3 51.7 77.5





#55
Dibenzenofuran
Concen: 50.580 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

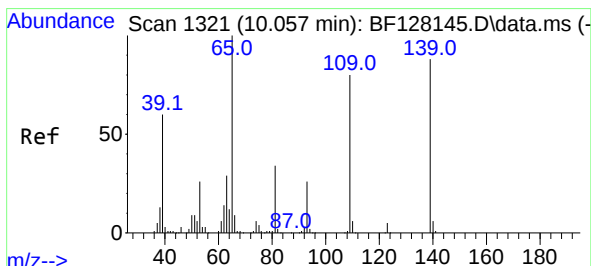
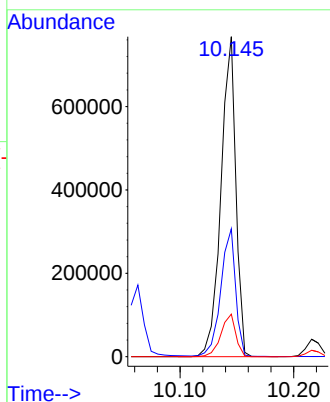
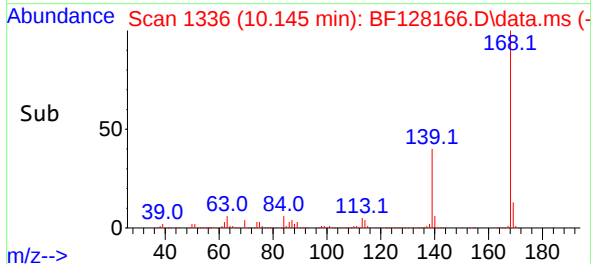
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



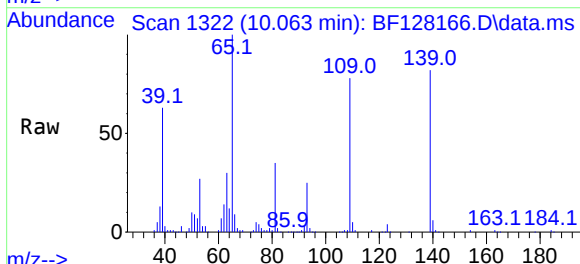
Tgt Ion:168 Resp: 699392
Ion Ratio Lower Upper
168 100
139 40.0 31.7 47.5
169 13.3 10.9 16.3

Manual Integrations
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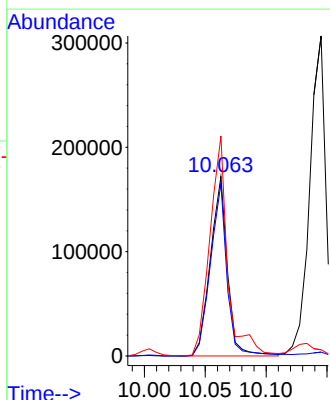
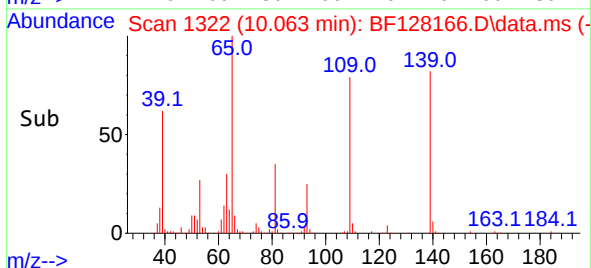
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

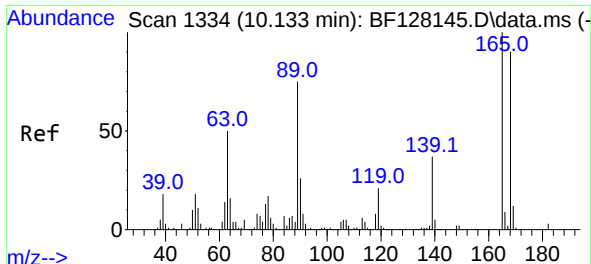


#56
4-Nitrophenol
Concen: 91.114 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



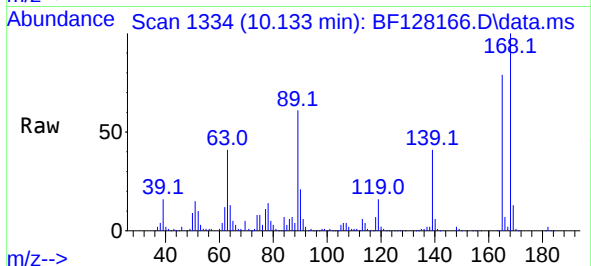
Tgt Ion:139 Resp: 168153
Ion Ratio Lower Upper
139 100
109 96.1 61.9 101.9
65 122.5 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 54.696 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

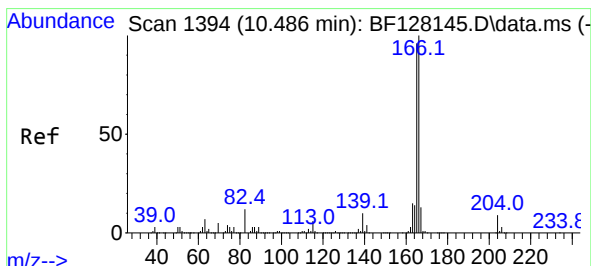
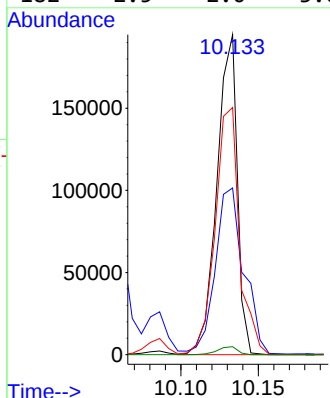
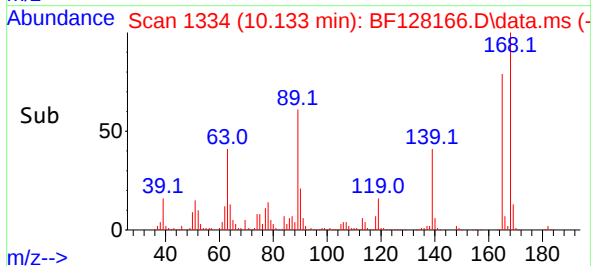
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



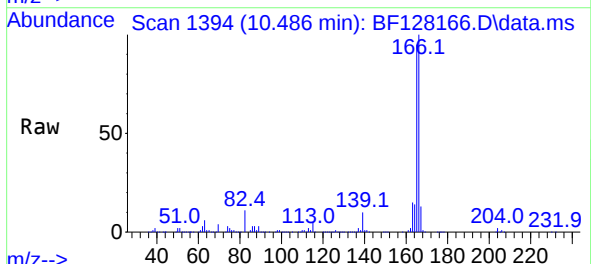
Tgt Ion:165 Resp: 17818
Ion Ratio Lower Upper
165 100
63 52.1 32.6 49.0
89 77.2 55.2 82.8
182 2.5 2.0 3.0

Manual Integrations
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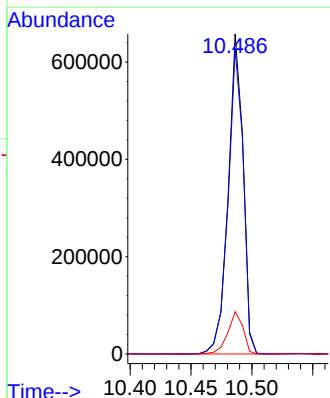
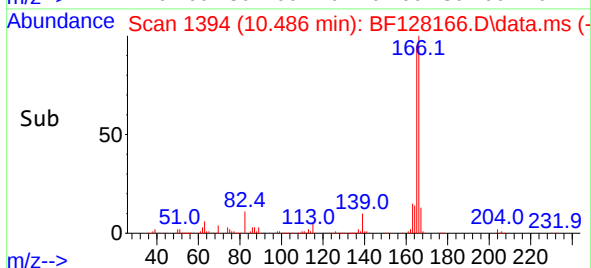
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

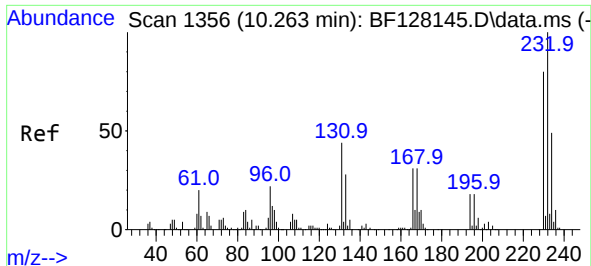


#58
Fluorene
Concen: 52.131 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



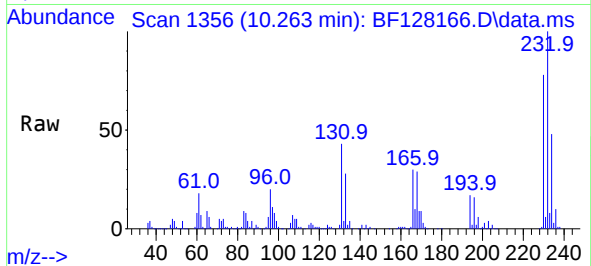
Tgt Ion:166 Resp: 561464
Ion Ratio Lower Upper
166 100
165 95.2 78.6 117.8
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.285 ng
RT: 10.263 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

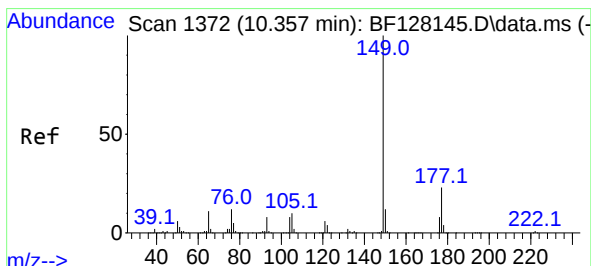
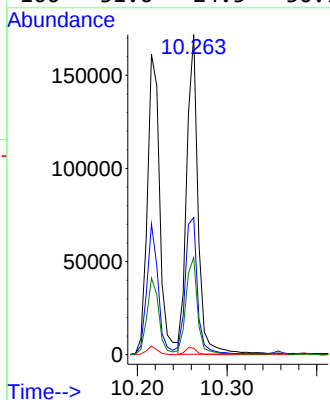
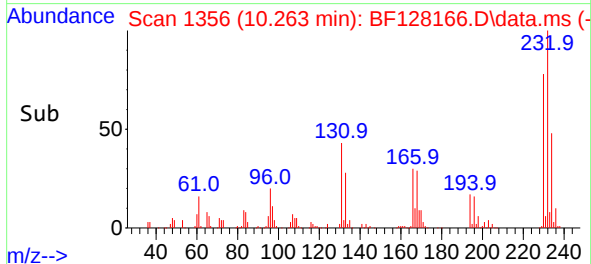
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



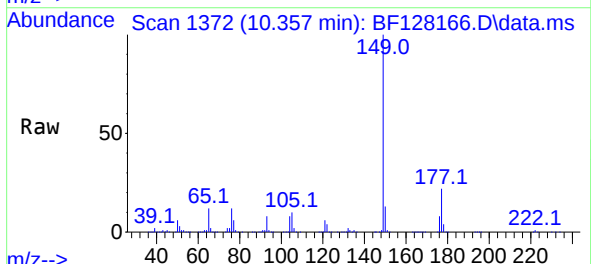
Tgt Ion:232 Resp: 149861
Ion Ratio Lower Upper
232 100
131 46.7 35.4 53.2
130 2.3 1.9 2.9
166 31.6 24.5 36.7

Manual Integrations
APPROVED

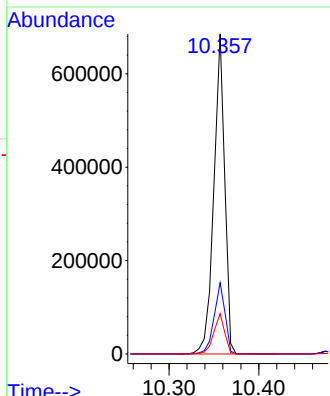
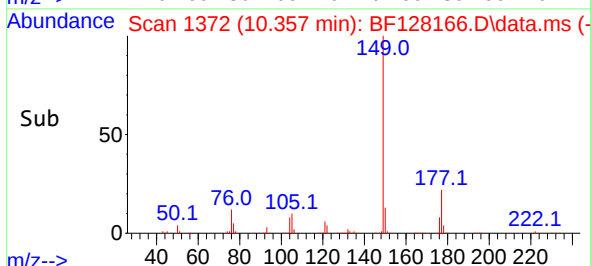
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

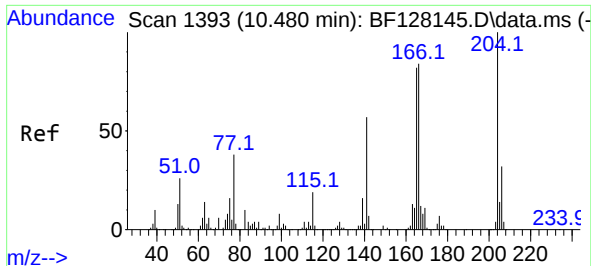


#60
Diethylphthalate
Concen: 52.030 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



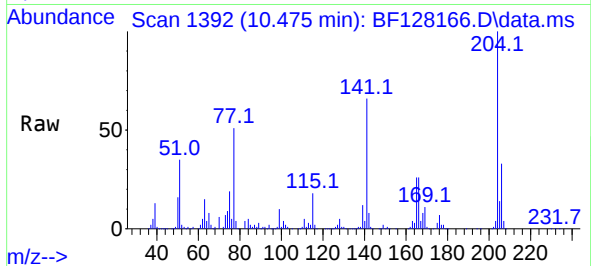
Tgt Ion:149 Resp: 576528
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.538 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

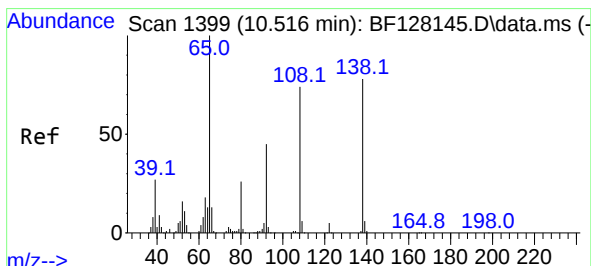
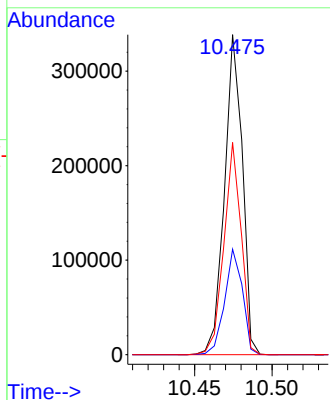
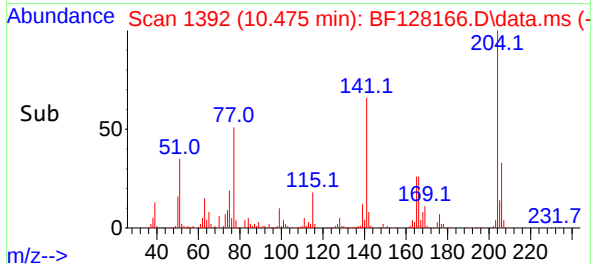
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



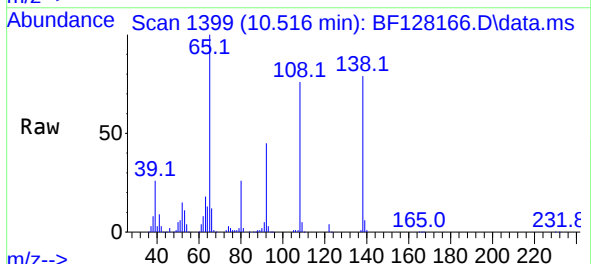
Tgt Ion:204 Resp: 271449
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 66.3 48.7 73.1

Manual Integrations
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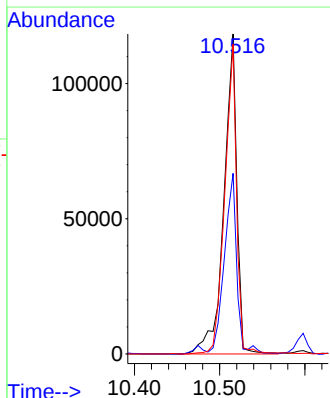
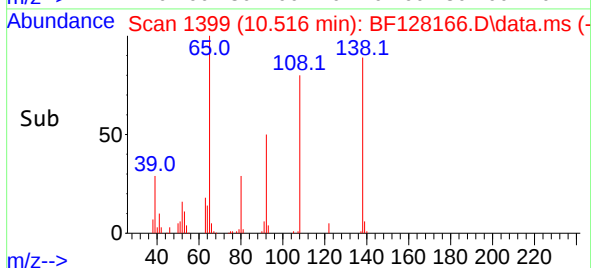
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

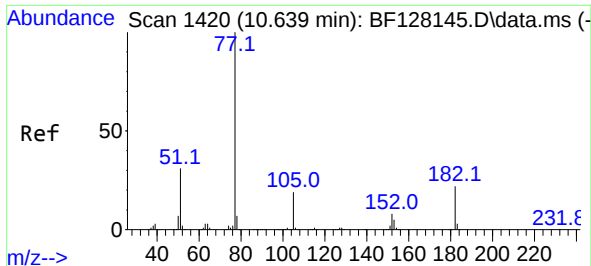


#62
4-Nitroaniline
Concen: 46.485 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



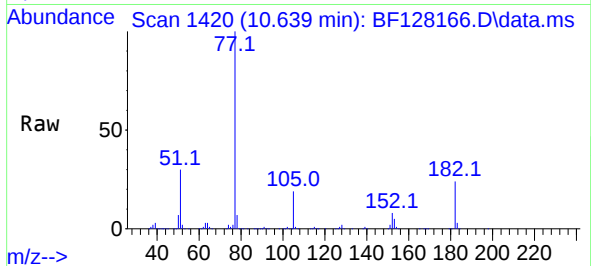
Tgt Ion:138 Resp: 124465
Ion Ratio Lower Upper
138 100
92 56.4 37.4 77.4
108 96.8 68.4 108.4





#63
Azobenzene
Concen: 51.356 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

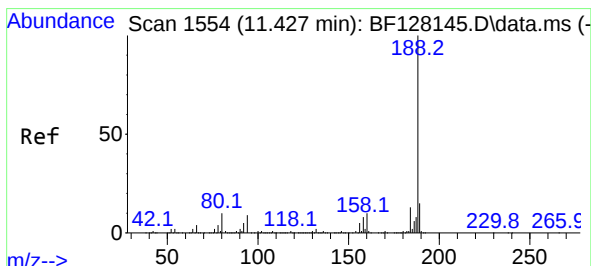
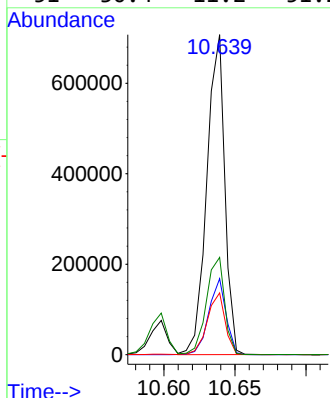
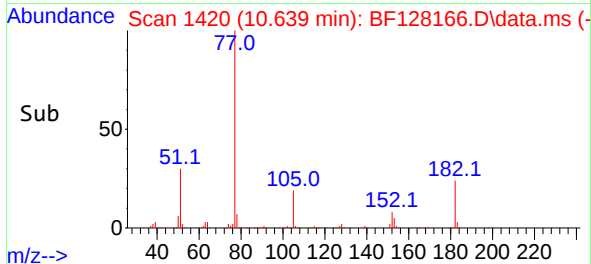
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



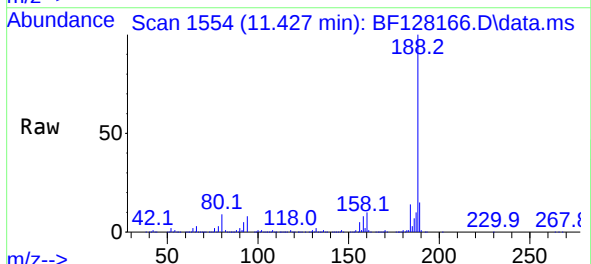
Tgt Ion: 77 Resp: 62313
Ion Ratio Lower Upper
77 100
182 23.8 1.2 41.2
105 19.3 0.0 39.8
51 30.4 11.2 51.2

Manual Integrations
APPROVED

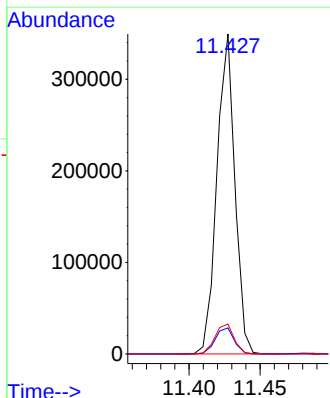
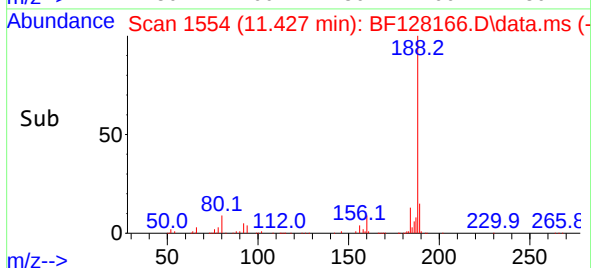
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

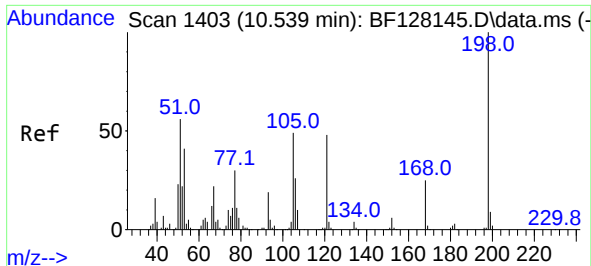


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:188 Resp: 307015
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.3 8.9 13.3





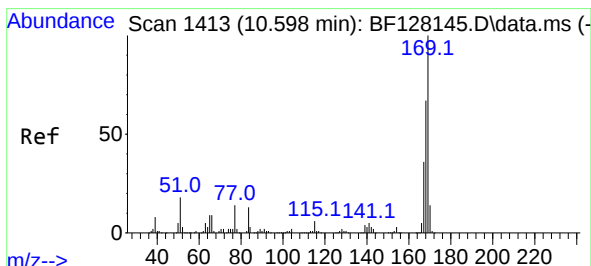
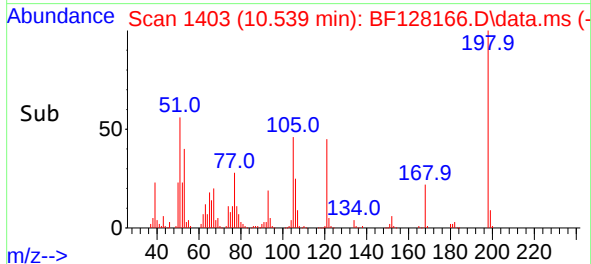
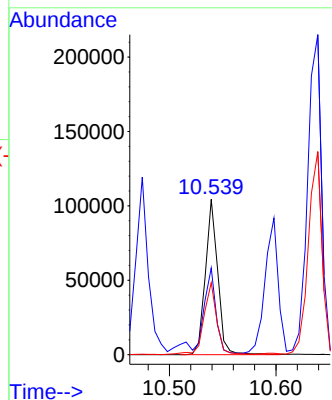
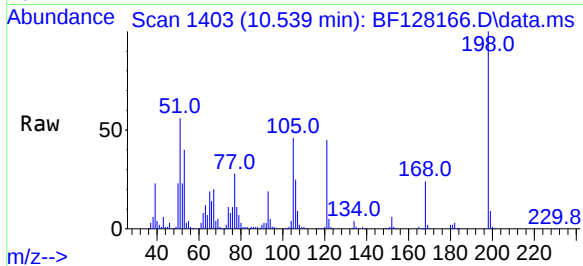
#65
4,6-Dinitro-2-methylphenol
Concen: 44.056 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
MH-31SMSD

Tgt Ion:198 Resp: 8465
Ion Ratio Lower Upper
198 100
51 55.8 28.4 68.4
105 46.3 23.4 63.4

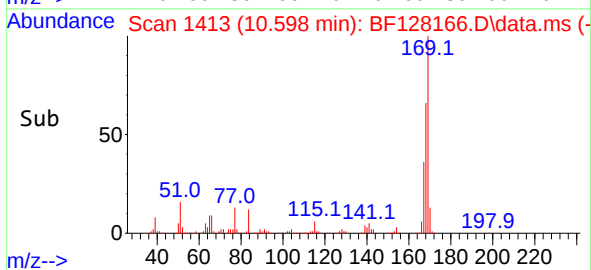
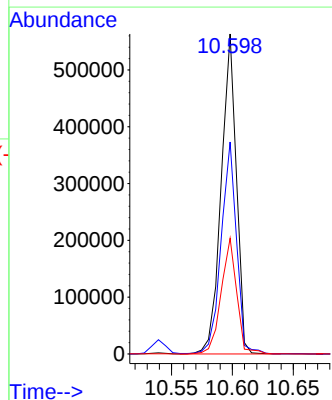
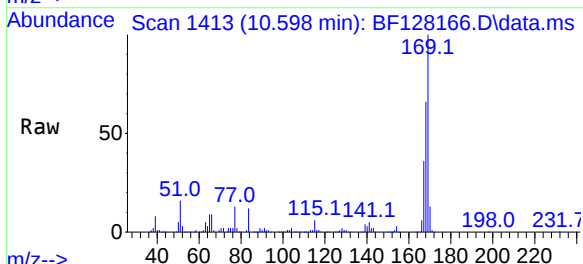
Manual Integrations
APPROVED

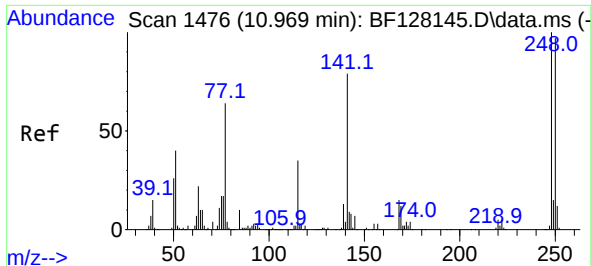
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#66
n-Nitrosodiphenylamine
Concen: 54.757 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:169 Resp: 489946
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 53.140 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

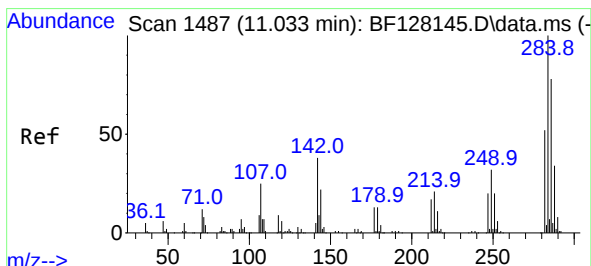
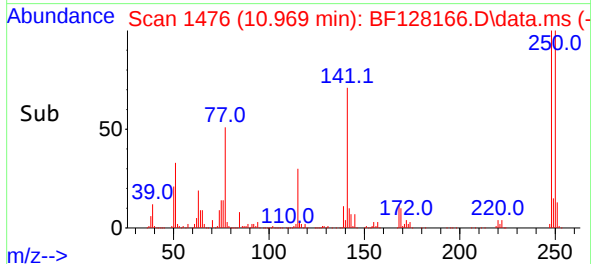
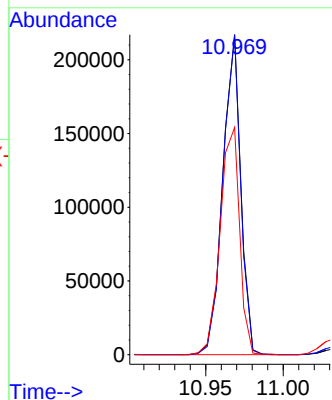
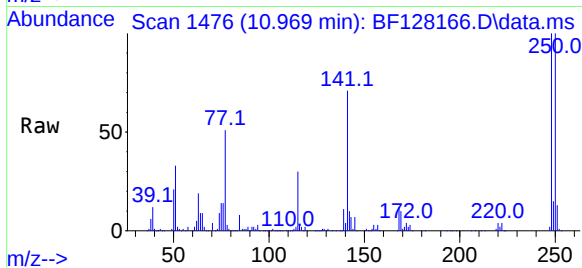
MH-31SMSD

Tgt Ion:248 Resp: 17552
Ion Ratio Lower Upper
248 100
250 100.0 77.7 116.5
141 71.0 65.6 98.4

Manual Integrations

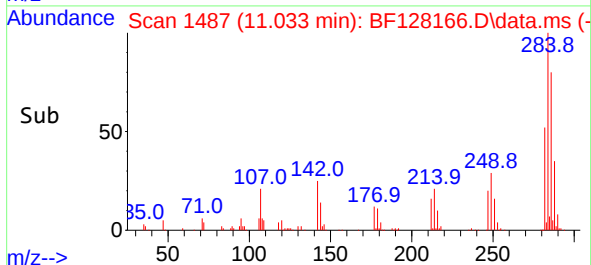
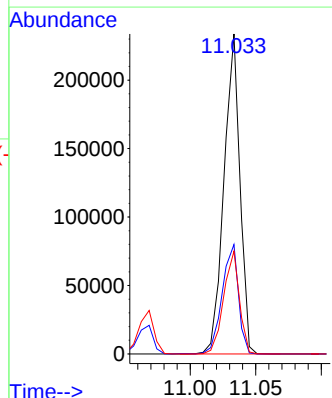
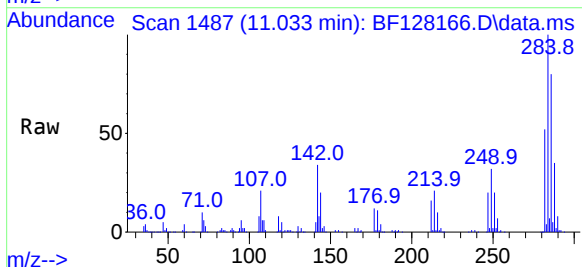
APPROVED

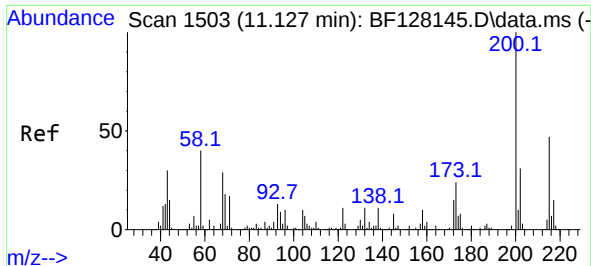
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#68
Hexachlorobenzene
Concen: 54.489 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:284 Resp: 196878
Ion Ratio Lower Upper
284 100
142 34.2 30.2 45.4
249 32.1 26.1 39.1





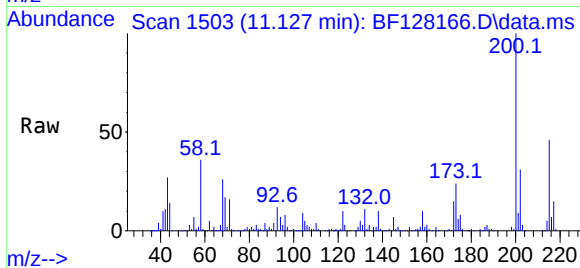
#69
Atrazine
Concen: 57.251 ng
RT: 11.127 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

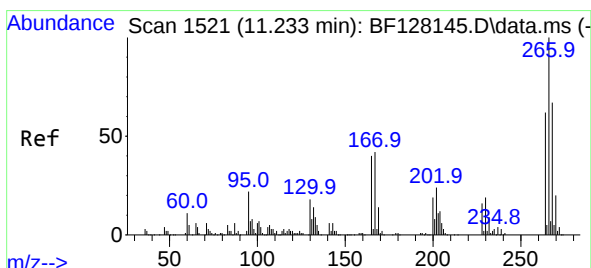
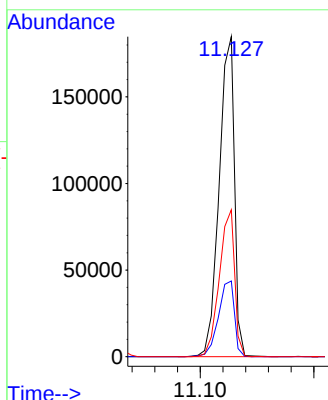
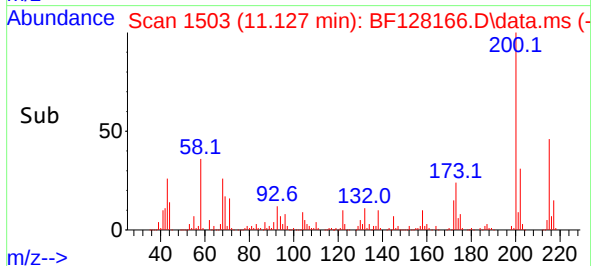


Tgt Ion:200 Resp: 172800
Ion Ratio Lower Upper
200 100
173 23.6 6.0 46.0
215 45.9 28.1 68.1

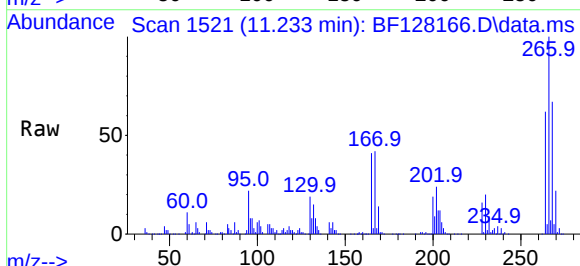
Manual Integrations

APPROVED

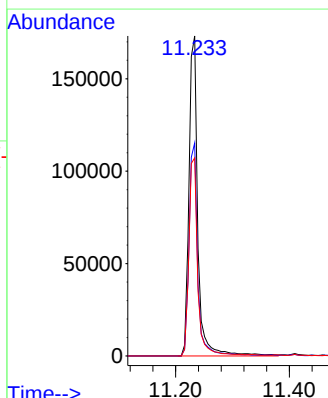
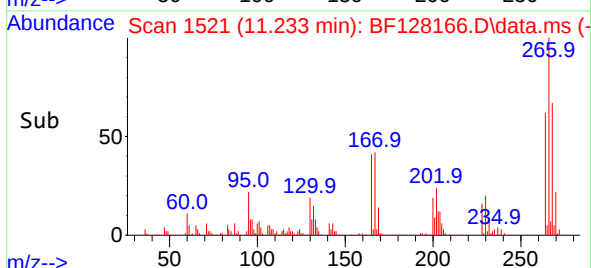
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

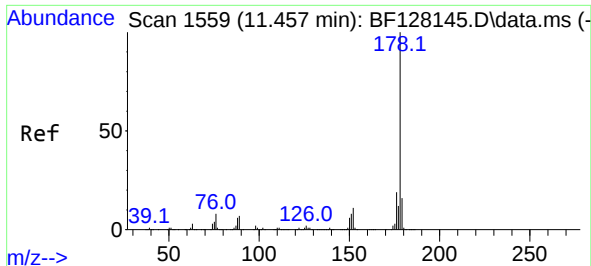


#70
Pentachlorophenol
Concen: 106.748 ng
RT: 11.233 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:266 Resp: 187190
Ion Ratio Lower Upper
266 100
268 66.5 53.0 79.6
264 61.9 53.1 79.7





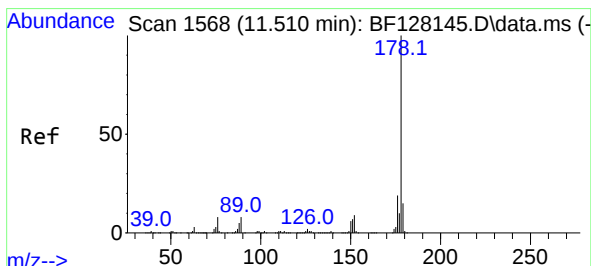
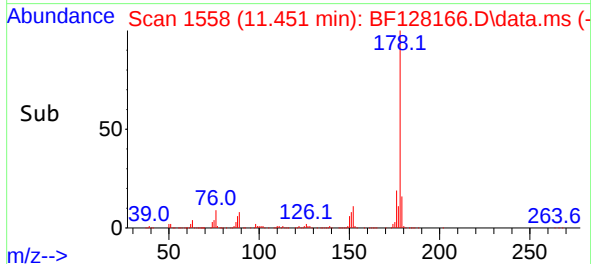
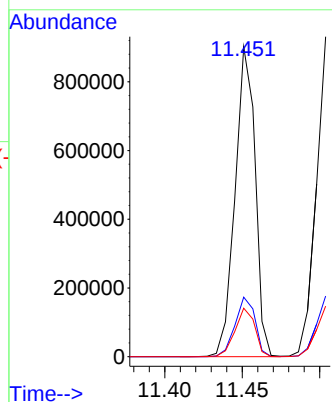
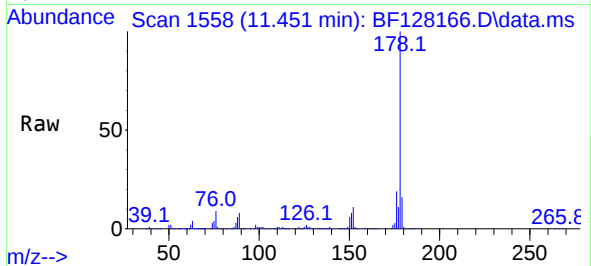
#71
Phenanthrene
Concen: 53.163 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
MH-31SMSD

Tgt Ion:178 Resp: 812720
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.7 12.6 19.0

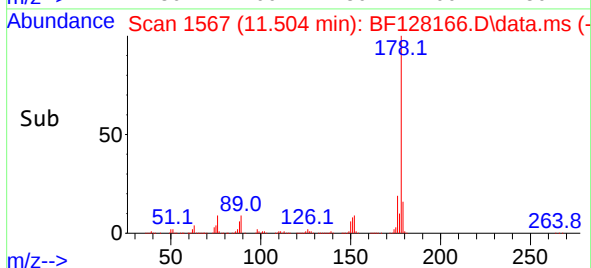
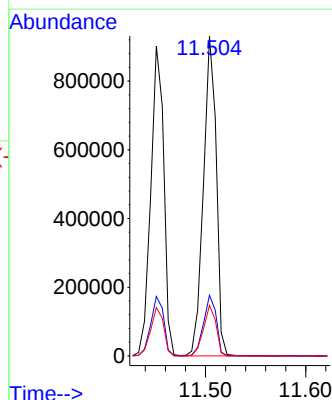
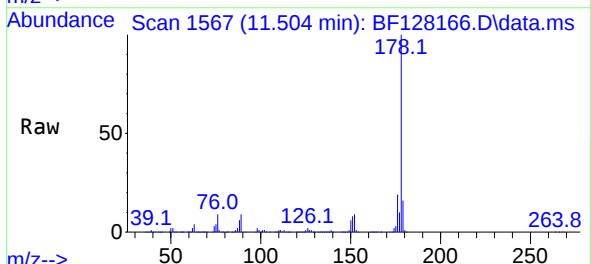
Manual Integrations
APPROVED

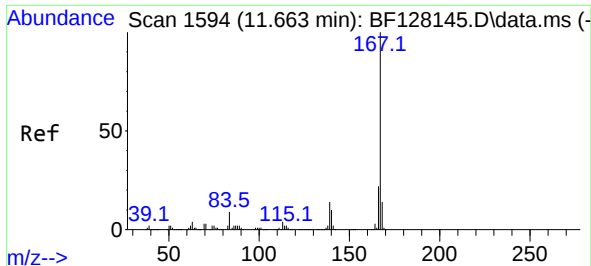
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#72
Anthracene
Concen: 54.453 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:178 Resp: 831123
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.8 12.4 18.6





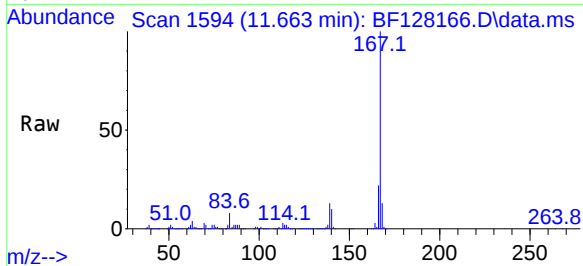
#73
 Carbazole
 Concen: 49.801 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BF128166.D
 Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

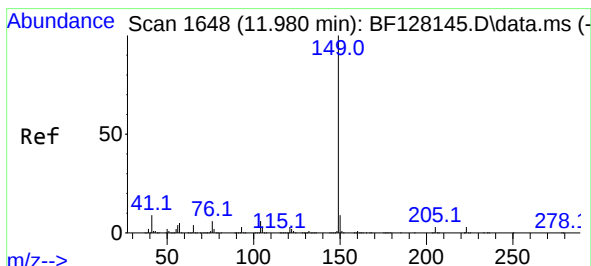
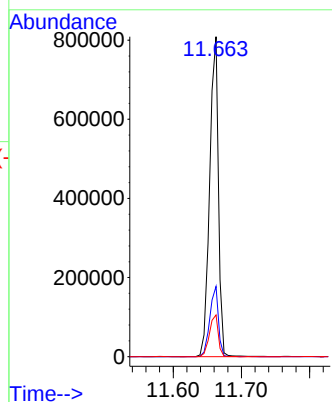
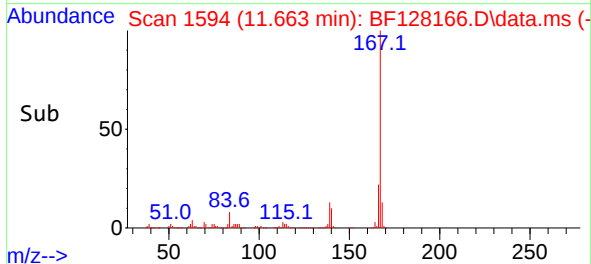


Tgt Ion:167 Resp: 722812
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.7 16.1

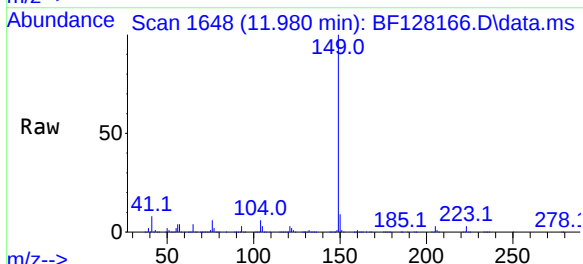
Manual Integrations

APPROVED

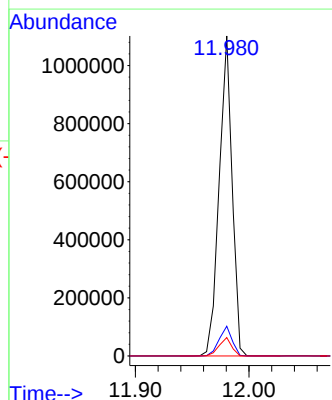
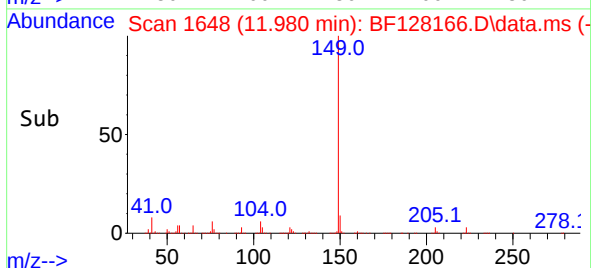
Reviewed By :Christian Giraldo 05/11/2022
 Supervised By :Jagrut Upadhyay 05/11/2022

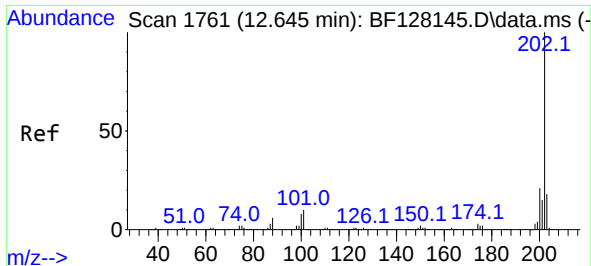


#74
 Di-n-butylphthalate
 Concen: 52.329 ng
 RT: 11.980 min Scan# 1648
 Delta R.T. -0.000 min
 Lab File: BF128166.D
 Acq: 10 May 2022 18:07



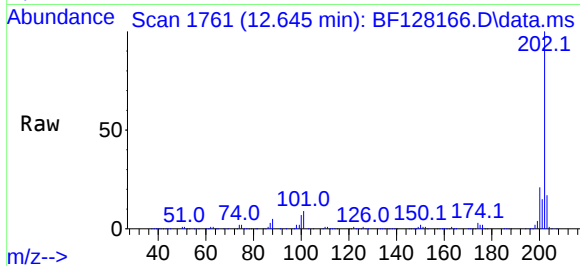
Tgt Ion:149 Resp: 874370
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 48.292 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

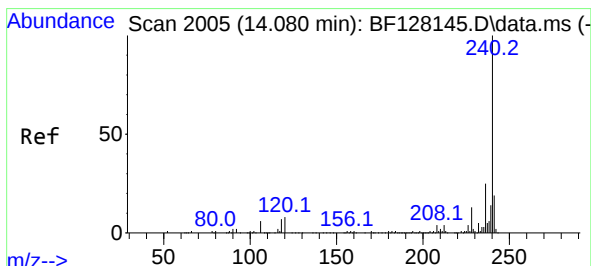
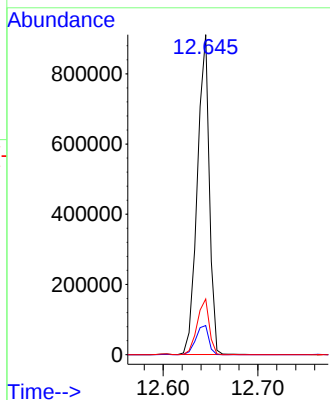
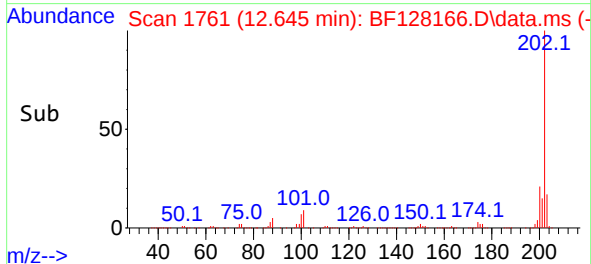
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



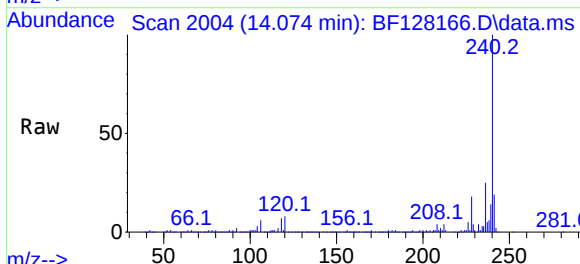
Tgt Ion:202 Resp: 800380
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.6
203 17.4 0.0 38.1

Manual Integrations
APPROVED

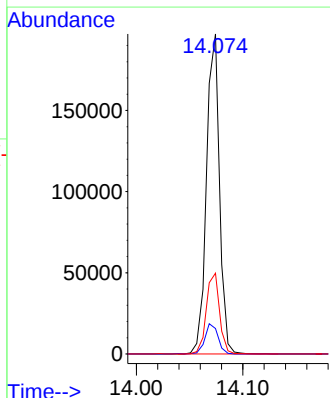
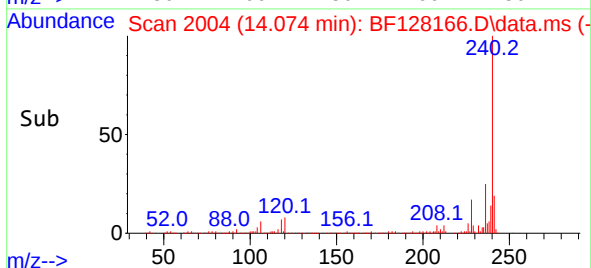
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

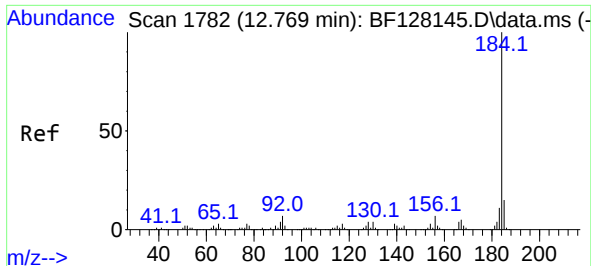


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:240 Resp: 167547
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.3 20.3 30.5





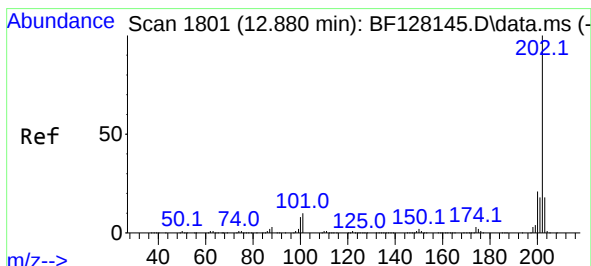
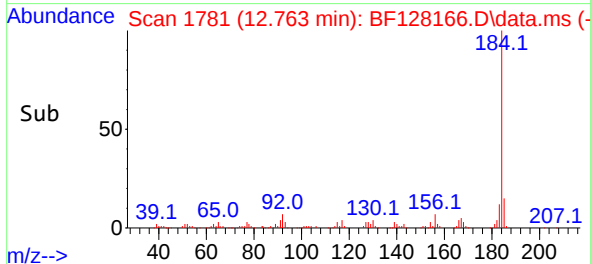
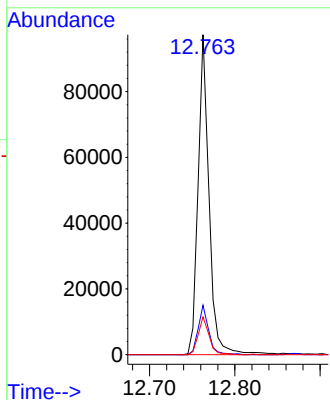
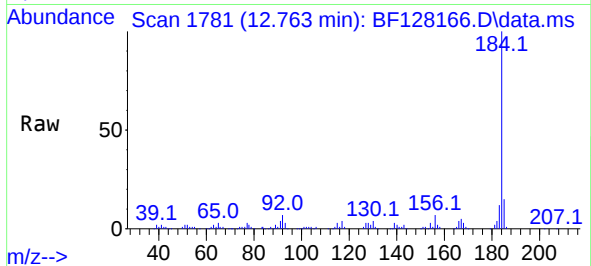
#77
Benzidine
Concen: 24.001 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :
BNA_F
ClientSampleId :
MH-31SMSD

Tgt Ion:184 Resp: 87090
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 11.8 9.0 13.4

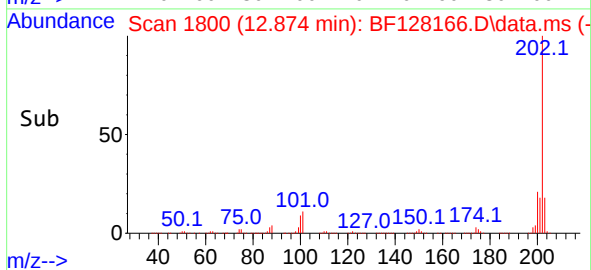
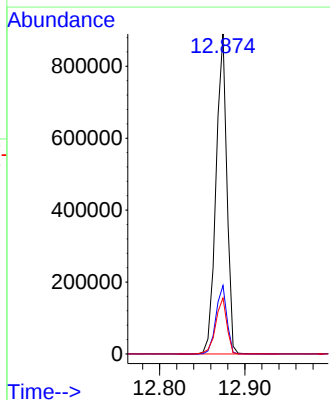
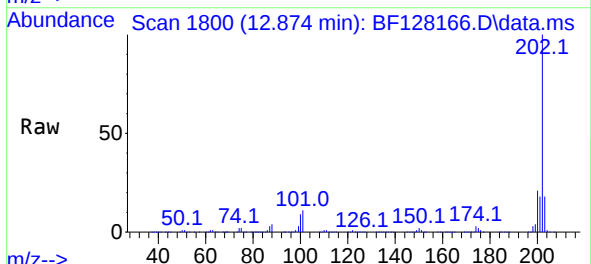
Manual Integrations
APPROVED

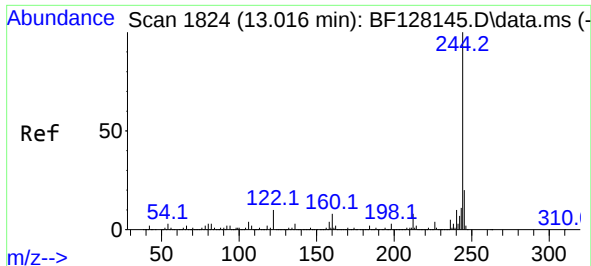
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#78
Pyrene
Concen: 64.663 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:202 Resp: 785563
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.5 14.0 21.0





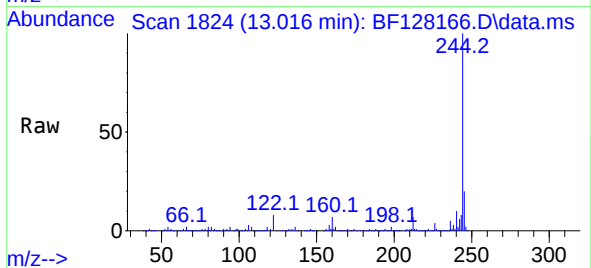
#79
Terphenyl-d14
Concen: 133.178 ng
RT: 13.016 min Scan# 118916
Delta R.T. -0.000 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

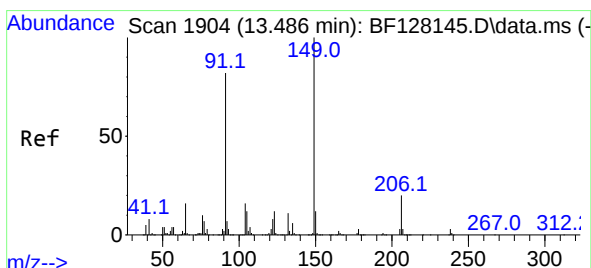
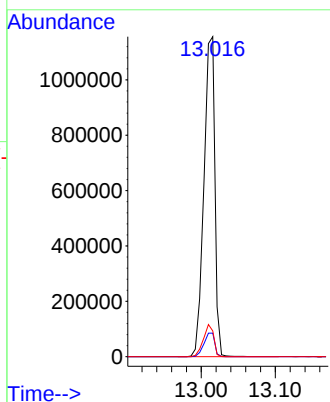
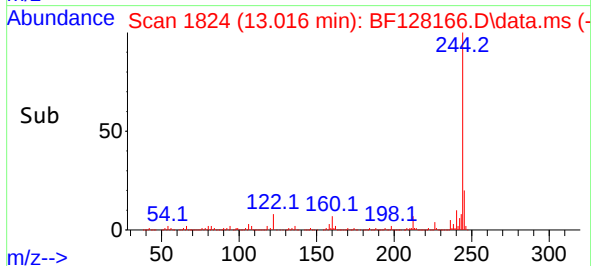


Tgt Ion:244 Resp: 118916
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.0 8.6 12.8

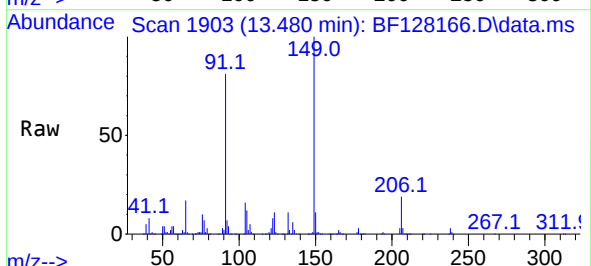
Manual Integrations

APPROVED

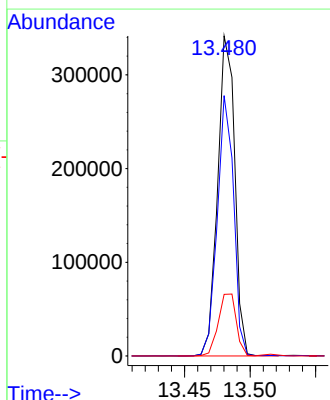
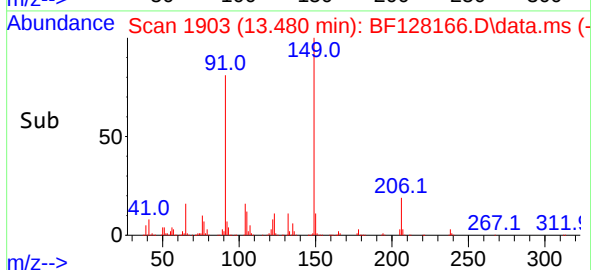
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

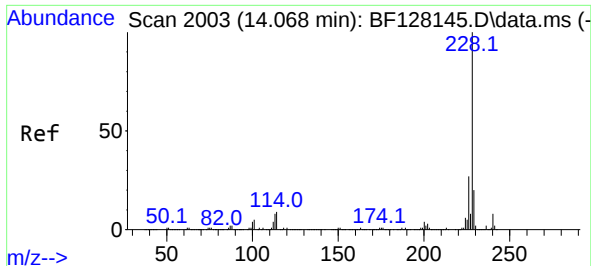


#80
Butylbenzylphthalate
Concen: 61.213 ng
RT: 13.480 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:149 Resp: 309161
Ion Ratio Lower Upper
149 100
91 81.3 65.8 98.6
206 19.3 15.4 23.2





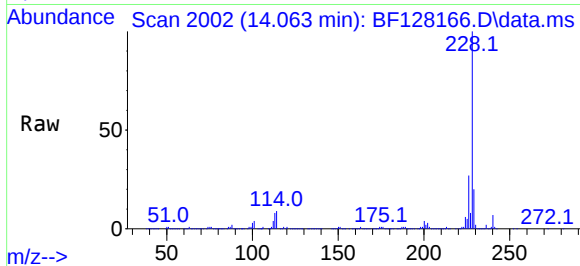
#81
Benzo(a)anthracene
Concen: 54.910 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

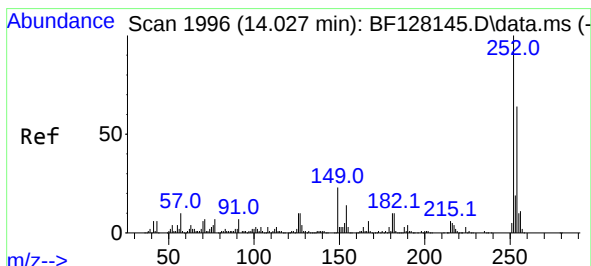
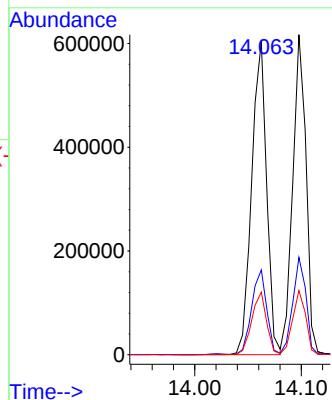
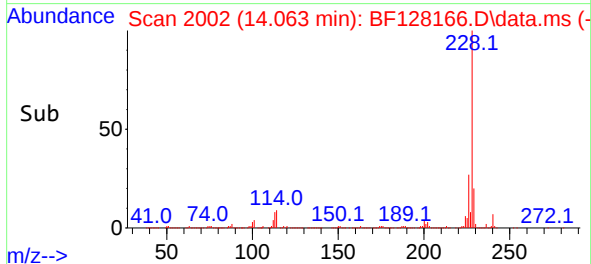


Tgt Ion:228 Resp: 58763
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 15.4 23.2

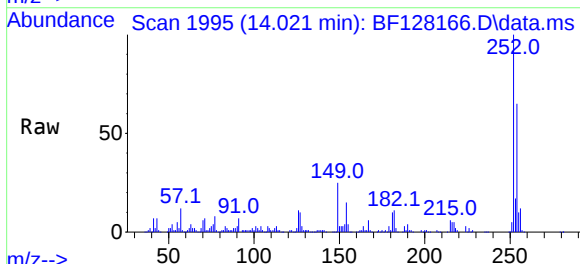
Manual Integrations

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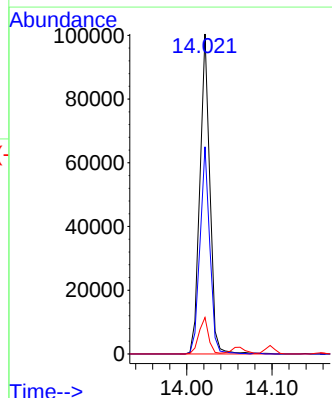
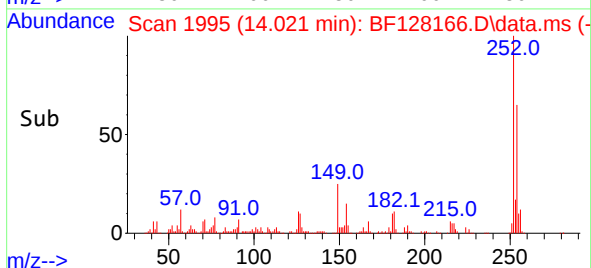
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

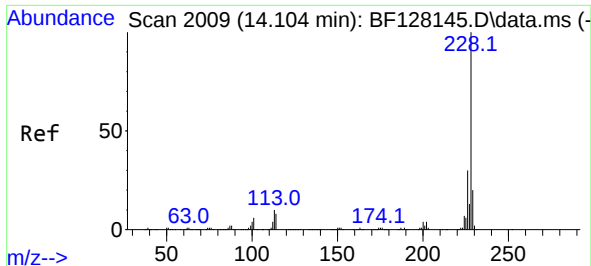


#82
3,3'-Dichlorobenzidine
Concen: 34.069 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



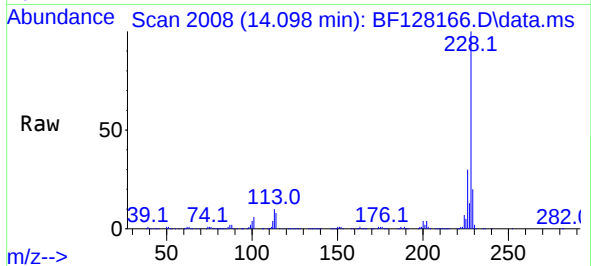
Tgt Ion:252 Resp: 81810
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 11.4 8.8 13.2





#83
Chrysene
Concen: 52.504 ng
RT: 14.098 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

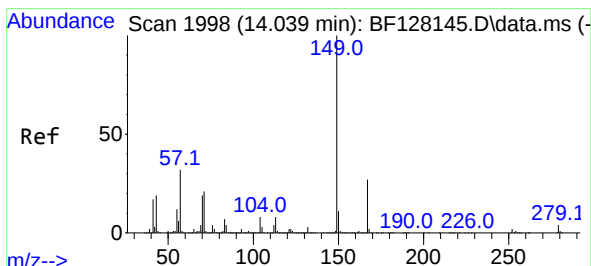
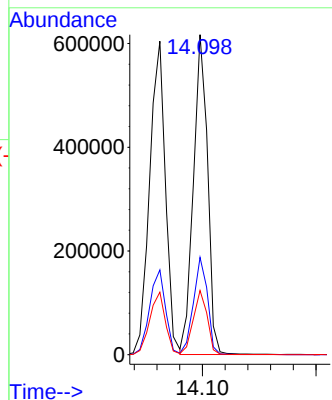
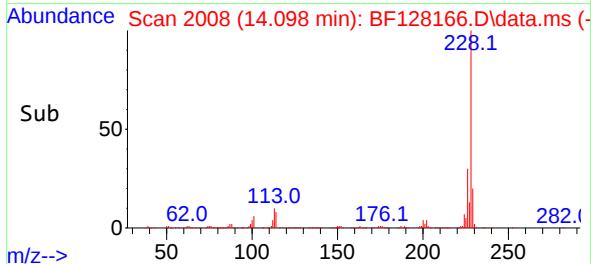
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



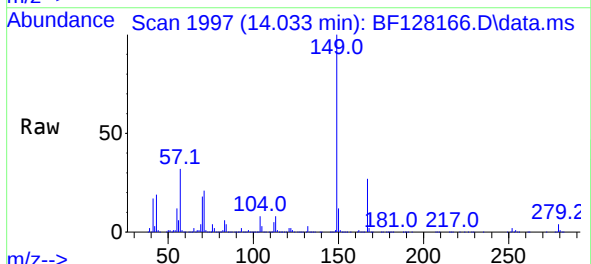
Tgt Ion:228 Resp: 536119
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.1 15.8 23.8

Manual Integrations
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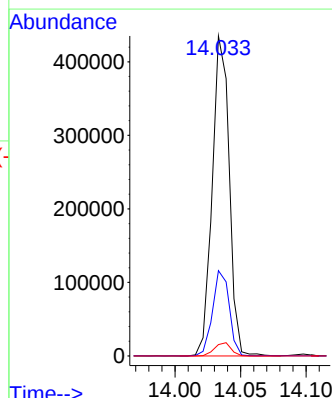
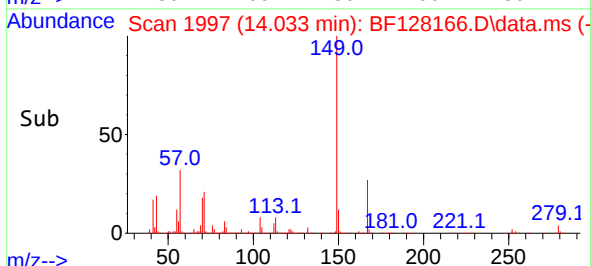
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

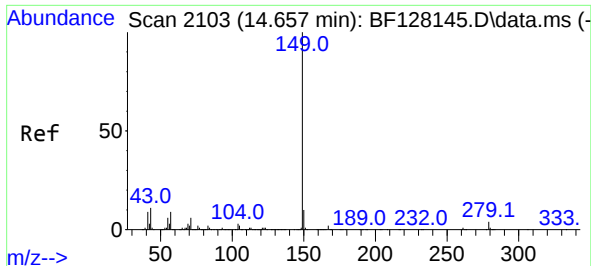


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.486 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



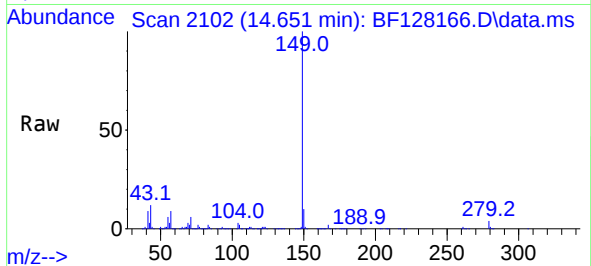
Tgt Ion:149 Resp: 392292
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.5 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 50.254 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

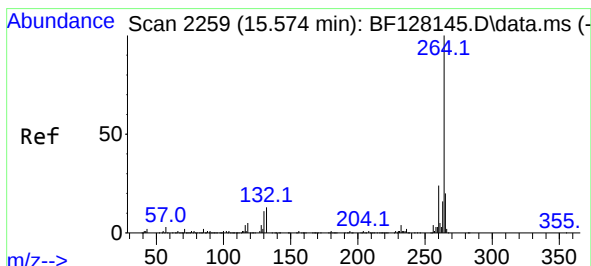
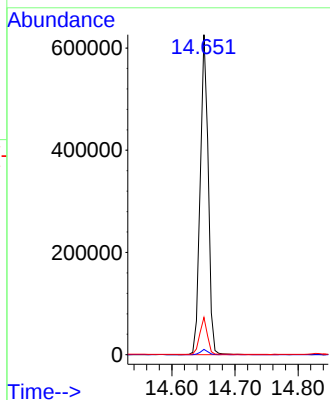
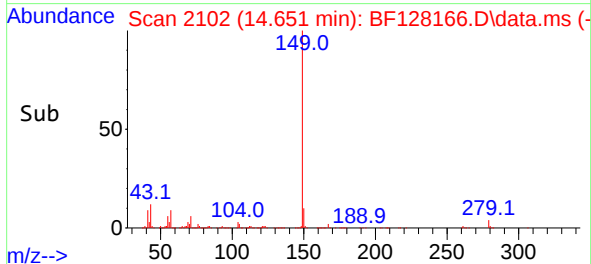
Instrument :
BNA_F
ClientSampleId :
MH-31SMSD



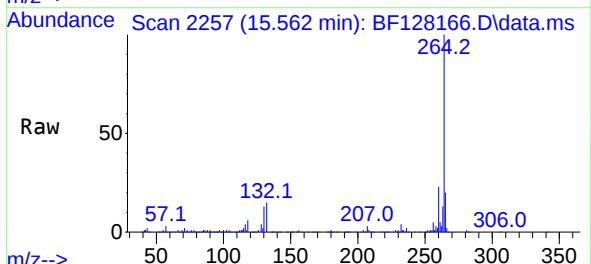
Tgt Ion:149 Resp: 547811
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 8.9 13.3

Manual Integrations
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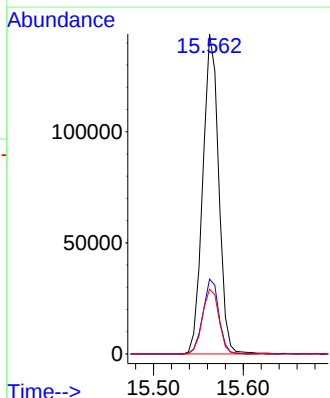
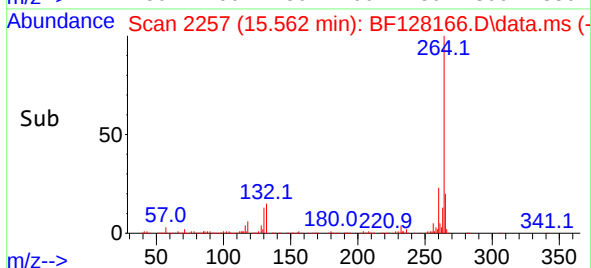
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

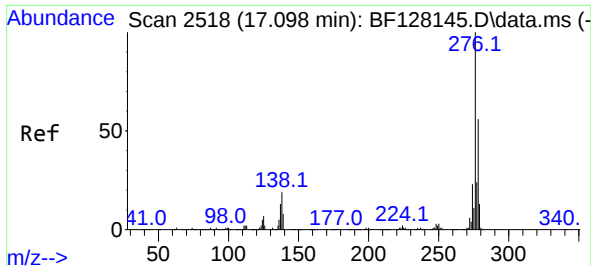


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:264 Resp: 177469
Ion Ratio Lower Upper
264 100
260 23.4 20.1 30.1
265 20.2 17.5 26.3





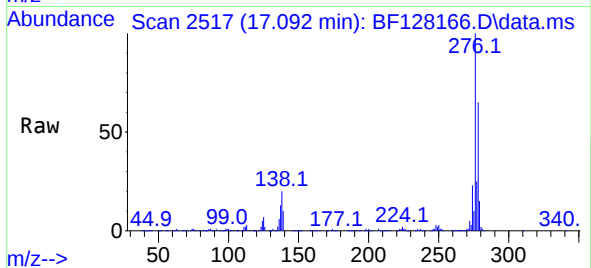
#87
Indeno(1,2,3-cd)pyrene
Concen: 60.375 ng
RT: 17.092 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

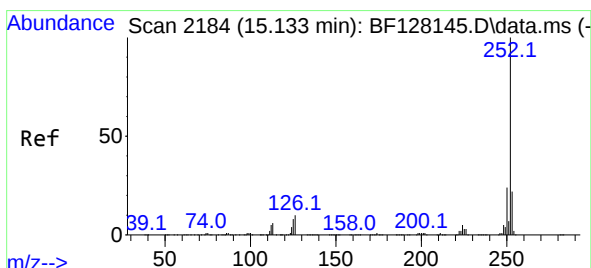
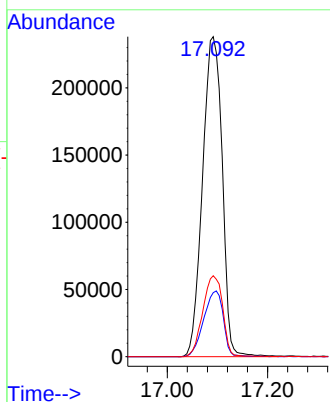
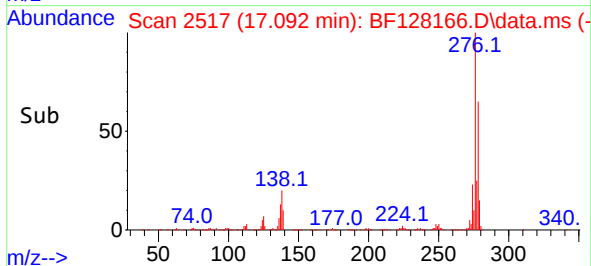


Tgt Ion:276 Resp: 64814
Ion Ratio Lower Upper
276 100
138 20.5 19.0 28.4
277 25.7 20.1 30.1

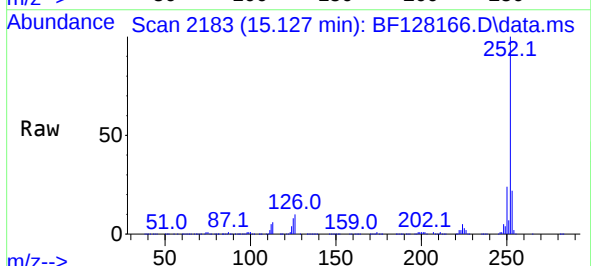
Manual Integrations

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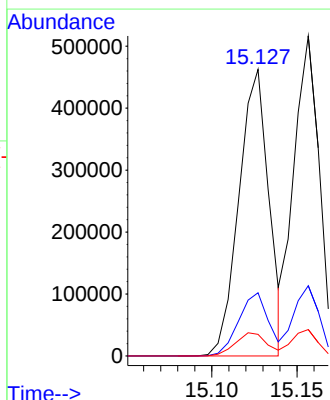
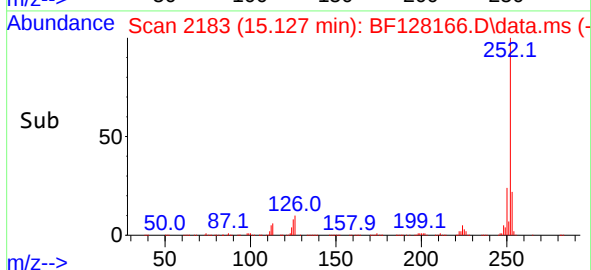
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022

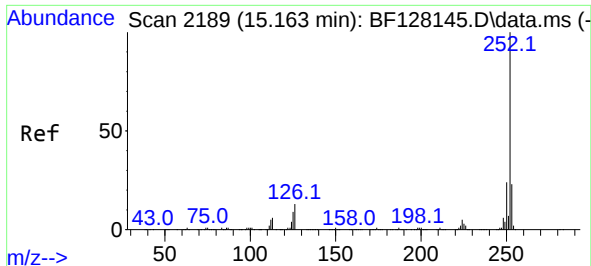


#88
Benzo(b)fluoranthene
Concen: 51.566 ng
RT: 15.127 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07



Tgt Ion:252 Resp: 567292
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.5 7.4 11.2





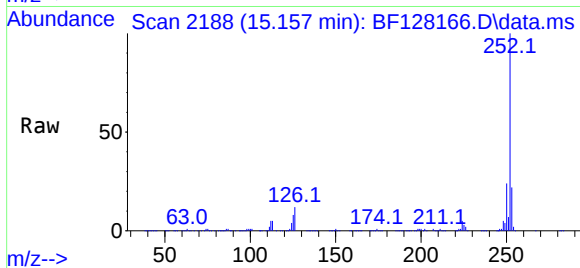
#89
Benzo(k)fluoranthene
Concen: 49.915 ng
RT: 15.157 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

ClientSampleId :

MH-31SMSD

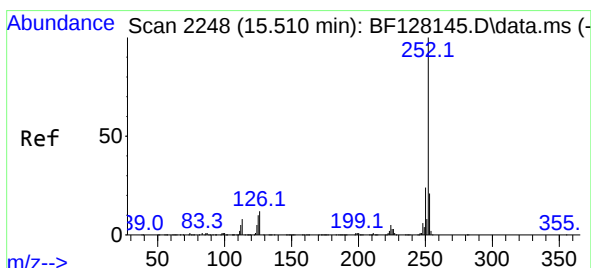
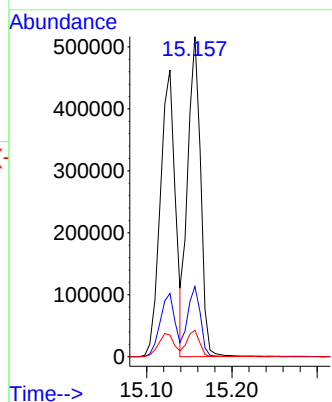
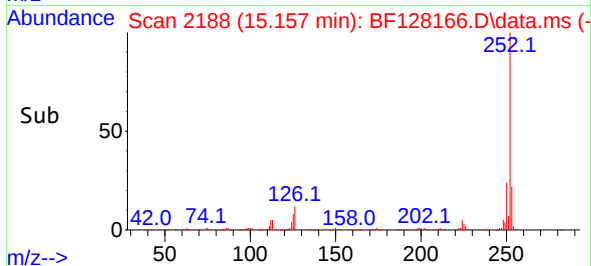


Tgt Ion:252 Resp: 542058
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 8.3 6.8 10.2

Manual Integrations

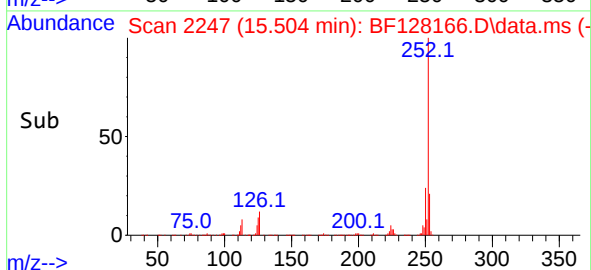
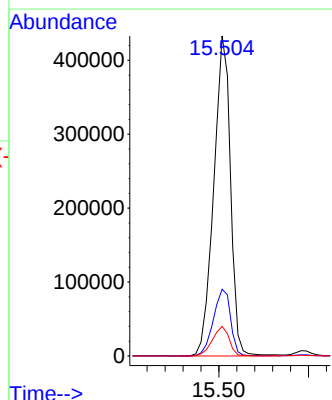
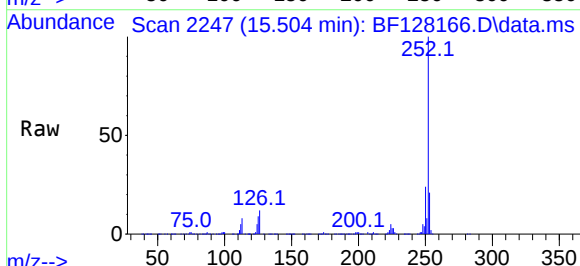
APPROVED

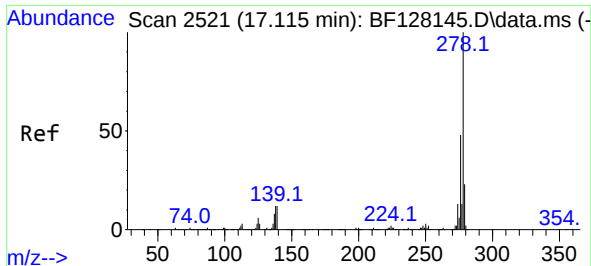
Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#90
Benzo(a)pyrene
Concen: 63.161 ng
RT: 15.504 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:252 Resp: 560968
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.6
125 9.2 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 64.548 ng
RT: 17.109 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Instrument :

BNA_F

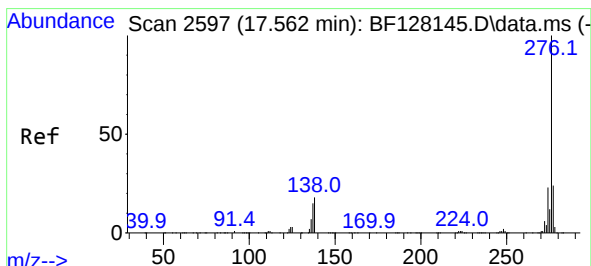
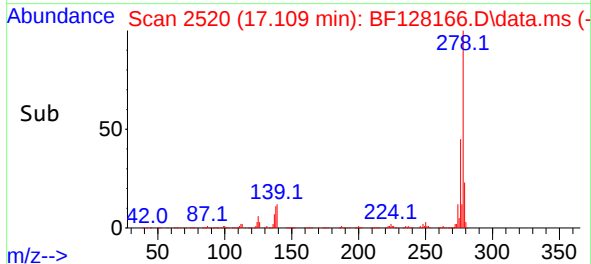
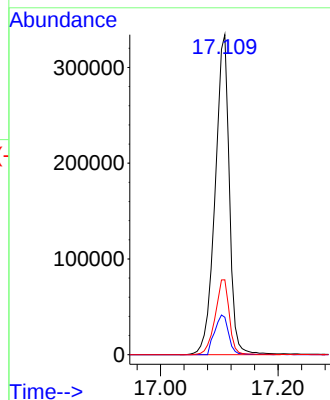
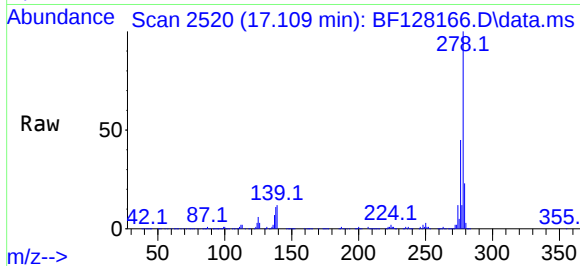
ClientSampleId :

MH-31SMSD

Tgt Ion:278 Resp: 560998
Ion Ratio Lower Upper
278 100
139 11.7 12.6 19.0
279 23.4 18.9 28.3

Manual Integrations
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Reviewed By :Christian Giraldo 05/11/2022
Supervised By :Jagrut Upadhyay 05/11/2022



#92
Benzo(g,h,i)perylene
Concen: 63.780 ng
RT: 17.556 min Scan# 2596
Delta R.T. -0.006 min
Lab File: BF128166.D
Acq: 10 May 2022 18:07

Tgt Ion:276 Resp: 561271
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 17.2 16.2 24.2

