

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126818.D
 Acq On : 04 Feb 2022 18:32
 Operator : CG/JU
 Sample : N1381-11MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-09(25-30)-02-02-22MS

Quant Time: Feb 04 23:55:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : Jagrut Upadhyay 02/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	144149	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	559173	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	304840	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	507915	20.000	ng	0.00
76) Chrysene-d12	14.127	240	277095	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	248903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1198883	113.914	ng	0.01
7) Phenol-d6	6.575	99	1649459	113.302	ng	0.00
23) Nitrobenzene-d5	7.516	82	1153204	77.183	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	353006	111.579	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1374512	74.661	ng	0.00
79) Terphenyl-d14	13.068	244	1277246	77.108	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	217089	40.763	ng	# 87
3) Pyridine	3.616	79	545178	37.748	ng	# 82
4) n-Nitrosodimethylamine	3.587	42	211675	47.450	ng	# 71
6) Aniline	6.610	93	690545	37.173	ng	97
8) 2-Chlorophenol	6.734	128	470876	48.931	ng	98
9) Benzaldehyde	6.504	77	438189	47.842	ng	89
10) Phenol	6.587	94	762269	48.919	ng	97
11) bis(2-Chloroethyl)ether	6.686	93	604232	48.132	ng	91
12) 1,3-Dichlorobenzene	6.892	146	492155	45.419	ng	97
13) 1,4-Dichlorobenzene	6.969	146	498623	45.528	ng	96
14) 1,2-Dichlorobenzene	7.116	146	483890	45.466	ng	97
15) Benzyl Alcohol	7.086	79	538429	46.290	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.222	45	646686	47.817	ng	81
17) 2-Methylphenol	7.192	107	438654	46.353	ng	94
18) Hexachloroethane	7.463	117	199096	46.407	ng	# 90
19) n-Nitroso-di-n-propyla...	7.363	70	431667	45.030	ng	# 83
20) 3+4-Methylphenols	7.345	107	535314	44.913	ng	# 83
22) Acetophenone	7.357	105	713150	44.075	ng	# 90
24) Nitrobenzene	7.534	77	683238	46.067	ng	# 89
25) Isophorone	7.769	82	1225944	47.809	ng	95
26) 2-Nitrophenol	7.845	139	237368	48.020	ng	# 74
27) 2,4-Dimethylphenol	7.875	122	431690	50.002	ng	86
28) bis(2-Chloroethoxy)met...	7.975	93	730968	44.948	ng	98
29) 2,4-Dichlorophenol	8.086	162	382781	45.039	ng	97
30) 1,2,4-Trichlorobenzene	8.169	180	404201	44.224	ng	99
31) Naphthalene	8.257	128	1308436	44.768	ng	100
32) Benzoic acid	7.992	122	243022	36.475	ng	# 80
33) 4-Chloroaniline	8.298	127	189293	16.030	ng	# 93
34) Hexachlorobutadiene	8.363	225	250485	43.723	ng	98
35) Caprolactam	8.675	113	140986m	45.590	ng	
36) 4-Chloro-3-methylphenol	8.775	107	494077	45.608	ng	88
37) 2-Methylnaphthalene	8.945	142	833763	46.296	ng	98
38) 1-Methylnaphthalene	9.045	142	780389	45.016	ng	98
40) 1,2,4,5-Tetrachloroben...	9.110	216	389310	44.355	ng	97
41) Hexachlorocyclopentadiene	9.098	237	452035	89.350	ng	97
43) 2,4,6-Trichlorophenol	9.222	196	273773	44.276	ng	98

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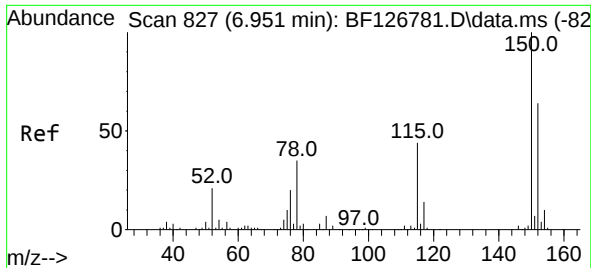
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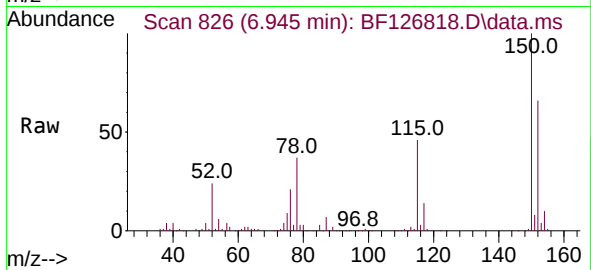
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	289215	44.802	ng	94
46) 1,1'-Biphenyl	9.410	154	1005664	45.045	ng	95
47) 2-Chloronaphthalene	9.439	162	792217	44.764	ng	99
48) 2-Nitroaniline	9.533	65	334595	46.370	ng	94
49) Acenaphthylene	9.857	152	1267750	46.395	ng	98
50) Dimethylphthalate	9.710	163	949659	45.069	ng	# 98
51) 2,6-Dinitrotoluene	9.775	165	208182	48.097	ng	91
52) Acenaphthene	10.027	154	844814	48.490	ng	97
53) 3-Nitroaniline	9.945	138	164686	33.389	ng	85
54) 2,4-Dinitrophenol	10.051	184	197872	86.785	ng	89
55) Dibenzofuran	10.198	168	1100563	42.797	ng	97
56) 4-Nitrophenol	10.104	139	332319	88.965	ng	# 84
57) 2,4-Dinitrotoluene	10.180	165	280265	47.774	ng	# 98
58) Fluorene	10.545	166	839172	44.105	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	242904	43.474	ng	# 82
60) Diethylphthalate	10.410	149	914220	44.157	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	413747	42.990	ng	# 87
62) 4-Nitroaniline	10.563	138	199319	42.586	ng	# 70
63) Azobenzene	10.692	77	1263827	43.995	ng	91
65) 4,6-Dinitro-2-methylph...	10.586	198	135323	43.919	ng	93
66) n-Nitrosodiphenylamine	10.651	169	750886	45.972	ng	100
67) 4-Bromophenyl-phenylether	11.022	248	266217	45.792	ng	97
68) Hexachlorobenzene	11.086	284	287925	45.261	ng	91
69) Atrazine	11.180	200	249921	47.155	ng	93
70) Pentachlorophenol	11.280	266	308358	83.083	ng	98
71) Phenanthrene	11.510	178	1238982	44.044	ng	99
72) Anthracene	11.563	178	1276632	45.311	ng	99
73) Carbazole	11.716	167	1094167	41.165	ng	98
74) Di-n-butylphthalate	12.039	149	1384400	44.923	ng	# 98
75) Fluoranthene	12.704	202	1191020	41.625	ng	97
77) Benzidine	12.821	184	242191	38.100	ng	98
78) Pyrene	12.933	202	1174356	53.031	ng	100
80) Butylbenzylphthalate	13.539	149	491905	53.536	ng	# 87
81) Benzo(a)anthracene	14.121	228	853510	46.162	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	212279	40.089	ng	# 96
83) Chrysene	14.157	228	787540	44.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	650447	54.410	ng	# 99
85) Di-n-octyl phthalate	14.715	149	890603	52.248	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.198	276	825053	54.347	ng	# 90
88) Benzo(b)fluoranthene	15.192	252	741432	45.556	ng	# 94
89) Benzo(k)fluoranthene	15.227	252	699150	43.065	ng	# 94
90) Benzo(a)pyrene	15.580	252	717714	55.321	ng	# 94
91) Dibenzo(a,h)anthracene	17.221	278	702629	56.504	ng	# 93
92) Benzo(g,h,i)perylene	17.674	276	708423	57.679	ng	# 90

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32

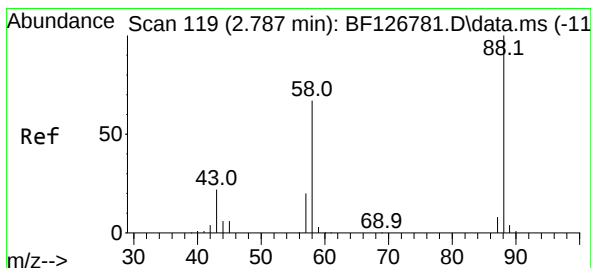
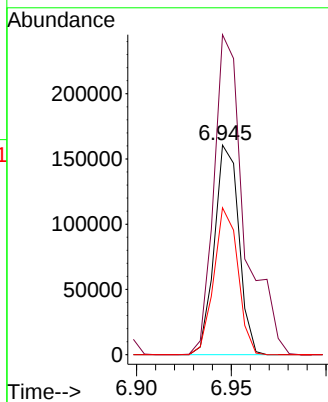
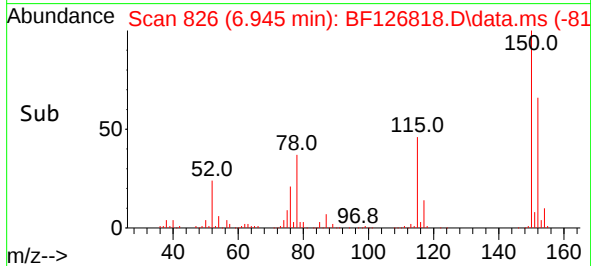
Instrument :
 BNA_F
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 DB-09(25-30)-02-02-22MS



Tgt Ion:152 Resp: 144149
 Ion Ratio Lower Upper
 152 100
 150 152.6 128.1 192.1
 115 70.1 56.7 85.1

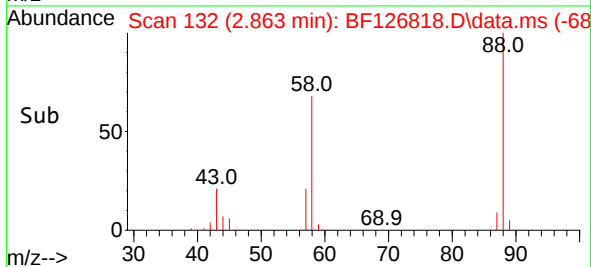
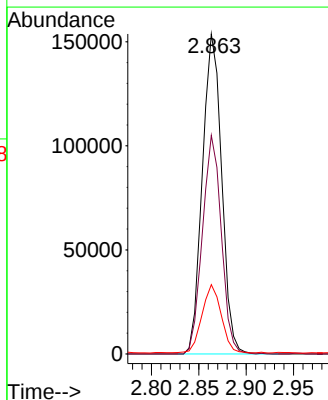
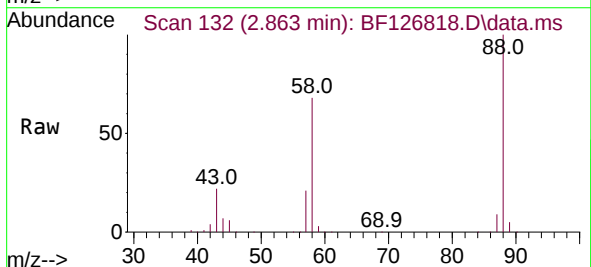
Manual Integrations
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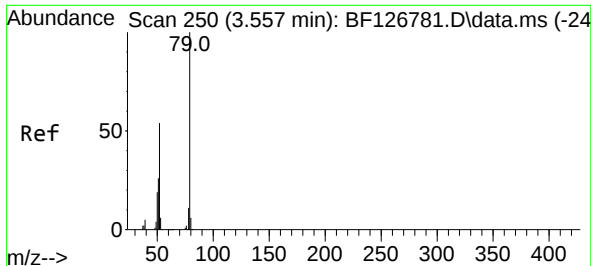
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022



#2
 1,4-Dioxane
 Concen: 40.763 ng
 RT: 2.863 min Scan# 132
 Delta R.T. 0.076 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32

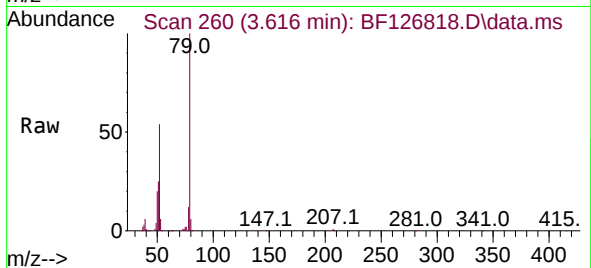
Tgt Ion: 88 Resp: 217089
 Ion Ratio Lower Upper
 88 100
 58 67.0 62.8 94.2
 43 21.1 22.3 33.5#





#3
Pyridine
Concen: 37.748 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

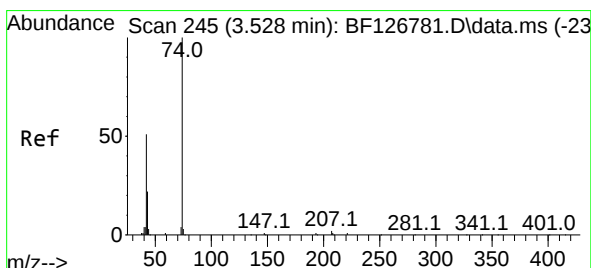
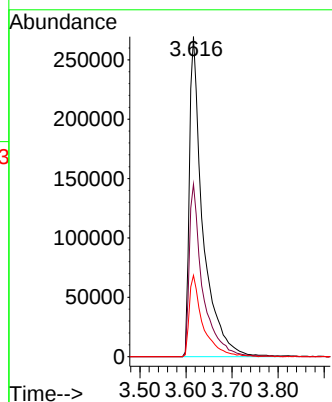
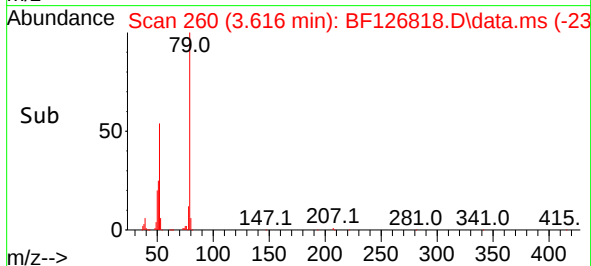
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion: 79 Resp: 545178
Ion Ratio Lower Upper
79 100
52 53.9 56.2 84.4
51 25.4 26.7 40.1

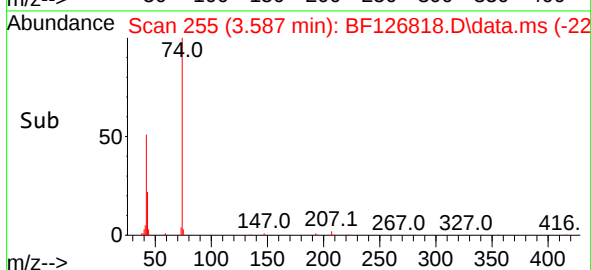
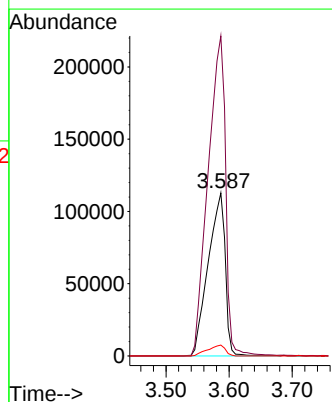
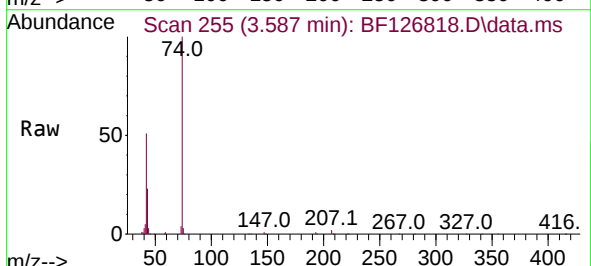
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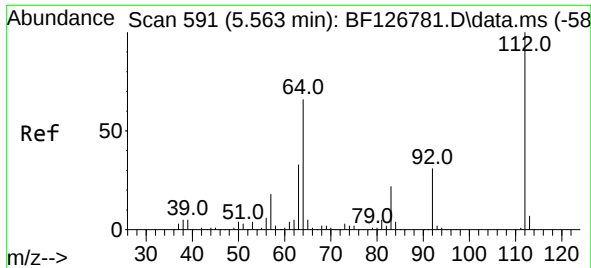
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#4
n-Nitrosodimethylamine
Concen: 47.450 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.059 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

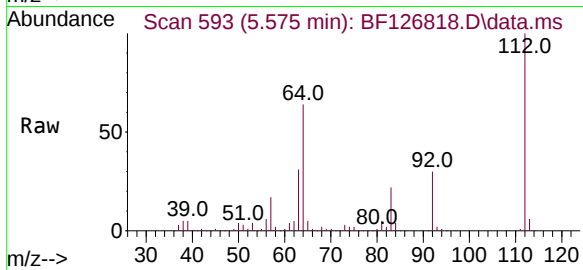
Tgt Ion: 42 Resp: 211675
Ion Ratio Lower Upper
42 100
74 196.2 125.6 188.4
44 6.7 5.7 8.5





#5
2-Fluorophenol
Concen: 113.914 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

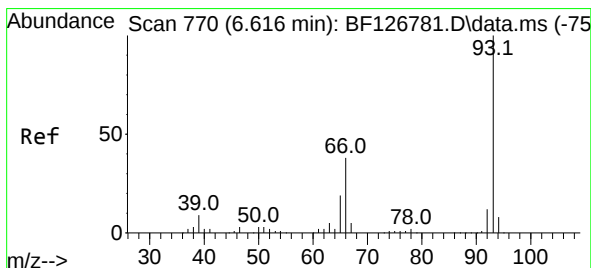
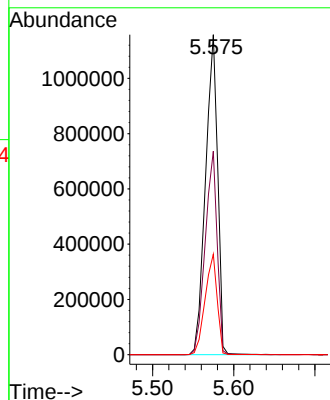
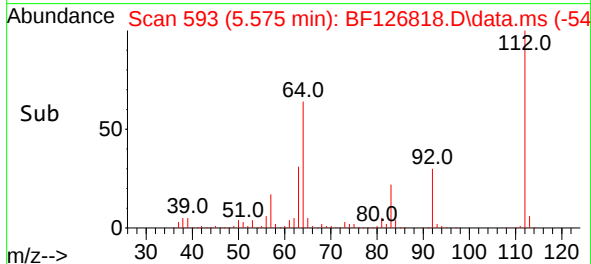
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ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:112 Resp: 119888
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 31.4 23.9 35.9

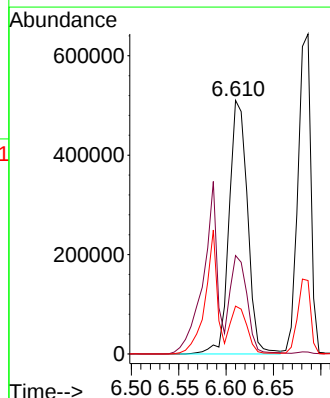
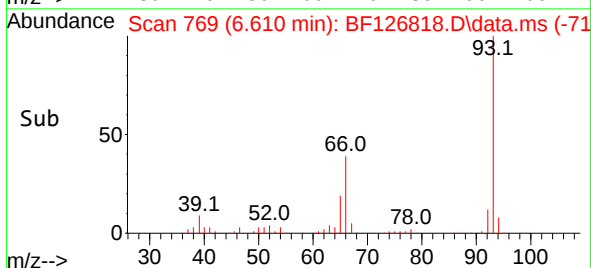
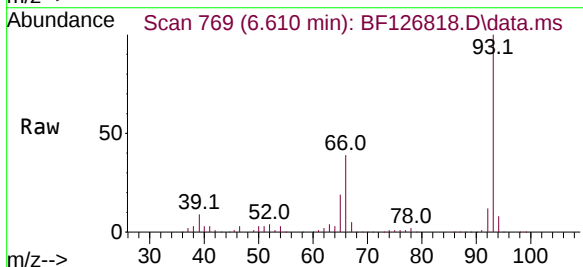
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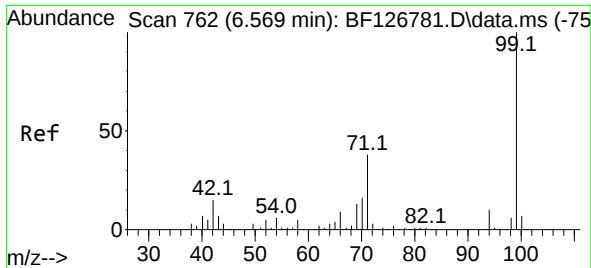
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#6
Aniline
Concen: 37.173 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

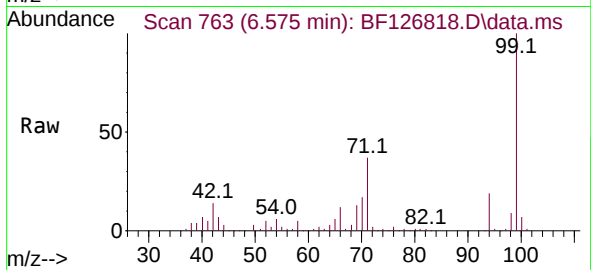
Tgt Ion: 93 Resp: 690545
Ion Ratio Lower Upper
93 100
66 38.8 32.2 48.4
65 18.9 16.3 24.5





#7
Phenol-d6
Concen: 113.302 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

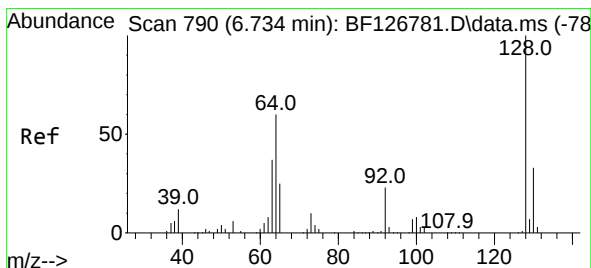
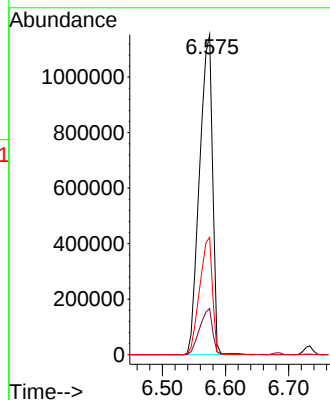
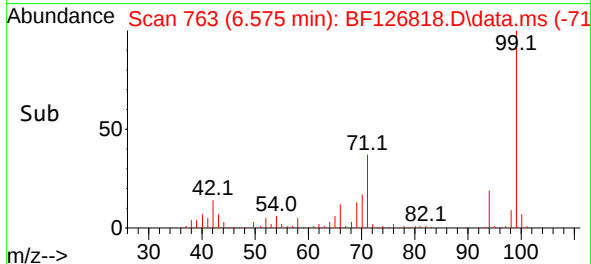
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Tgt Ion: 99 Resp: 164945
Ion Ratio Lower Upper
99 100
42 14.4 14.2 21.4
71 36.7 24.3 36.5

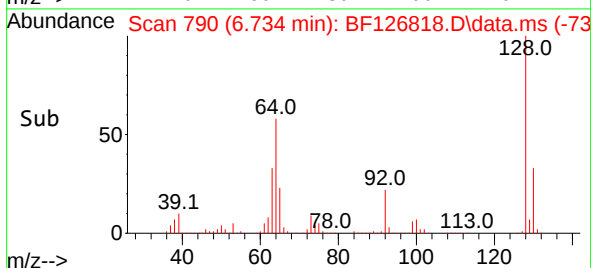
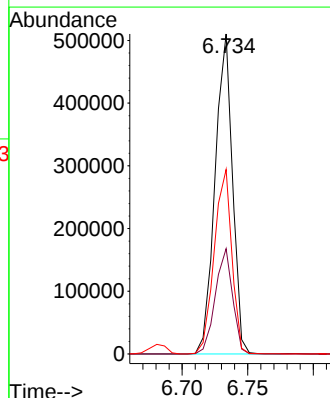
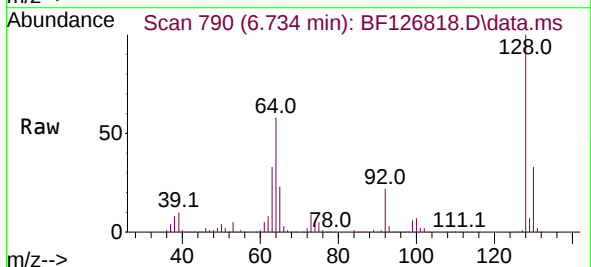
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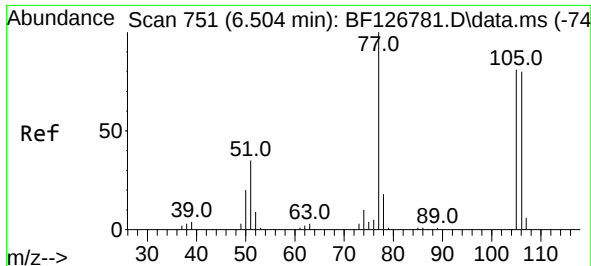
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#8
2-Chlorophenol
Concen: 48.931 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

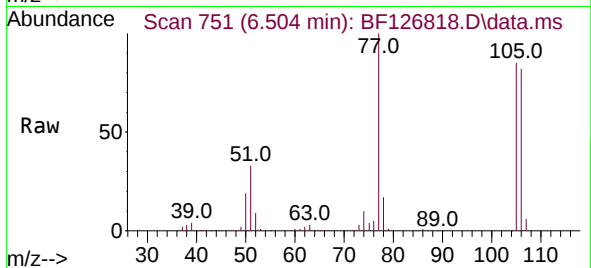
Tgt Ion:128 Resp: 470876
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 57.7 35.6 75.6





#9
Benzaldehyde
Concen: 47.842 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

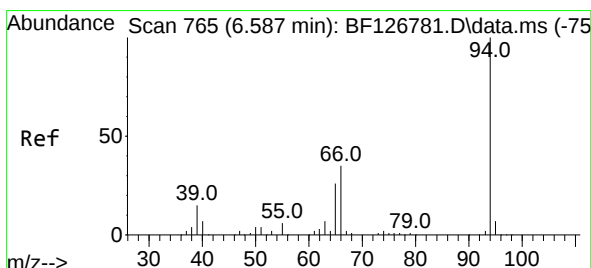
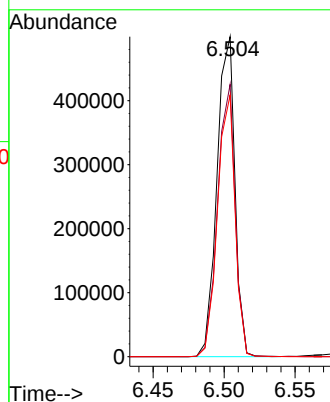
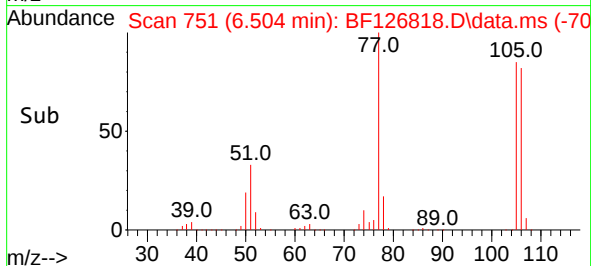
Instrument :
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Tgt Ion: 77 Resp: 438189
Ion Ratio Lower Upper
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105 85.1 74.9 114.9
106 81.8 72.4 112.4

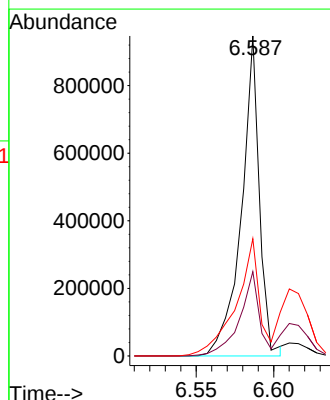
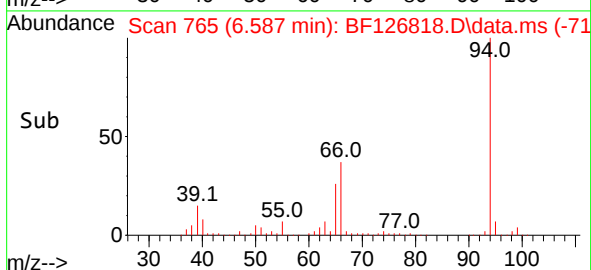
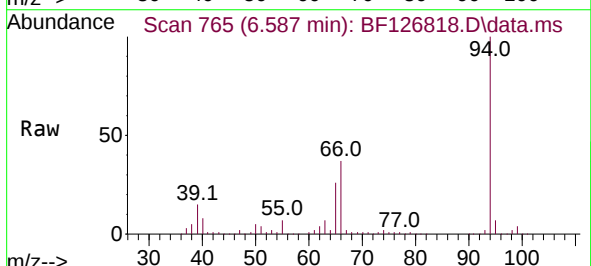
Manual Integrations
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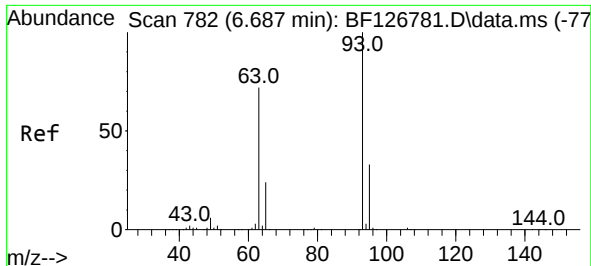
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#10
Phenol
Concen: 48.919 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion: 94 Resp: 762269
Ion Ratio Lower Upper
94 100
65 26.4 7.2 47.2
66 36.6 14.5 54.5





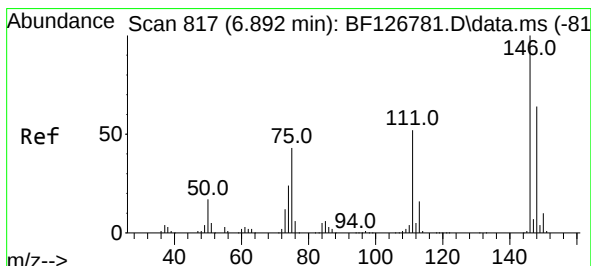
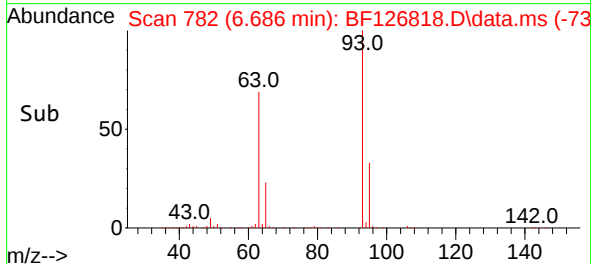
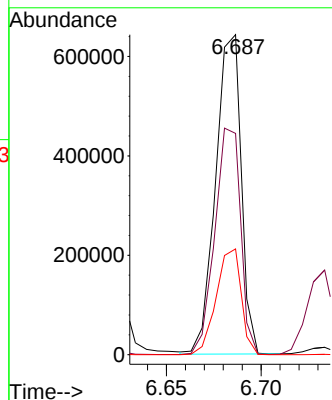
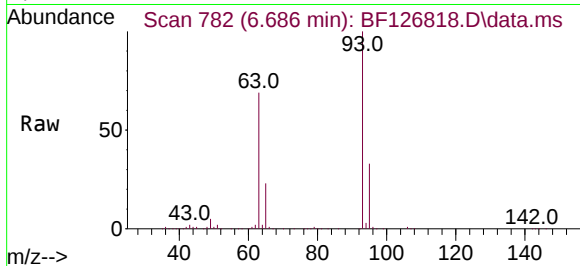
#11
bis(2-Chloroethyl)ether
Concen: 48.132 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS

Tgt Ion: 93 Resp: 60423
Ion Ratio Lower Upper
93 100
63 69.2 60.5 100.5
95 33.1 12.9 52.9

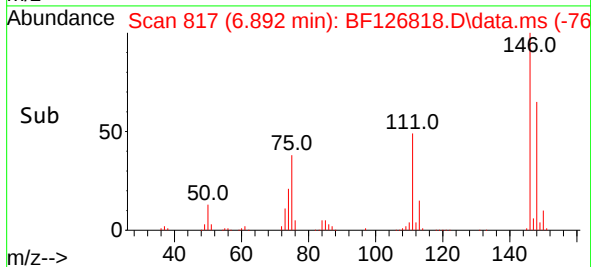
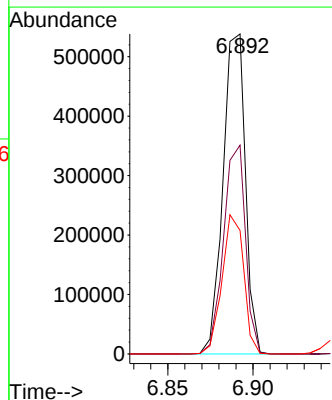
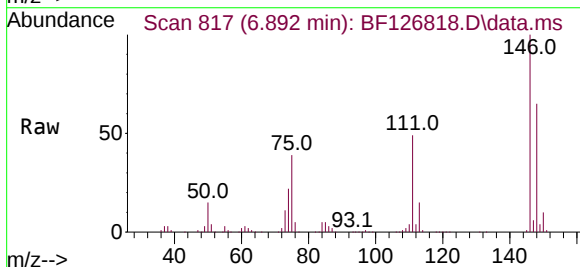
Manual Integrations
APPROVED

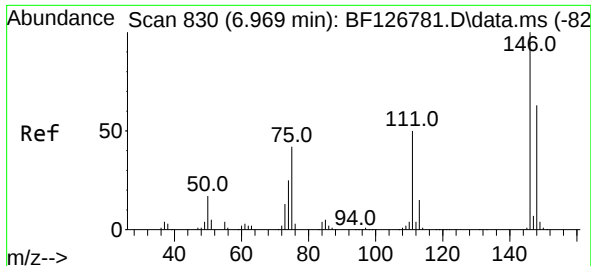
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#12
1,3-Dichlorobenzene
Concen: 45.419 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion:146 Resp: 492155
Ion Ratio Lower Upper
146 100
148 65.3 50.9 76.3
75 38.6 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 45.528 ng

RT: 6.969 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF126818.D

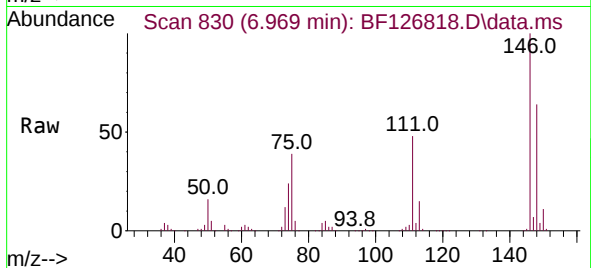
Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS

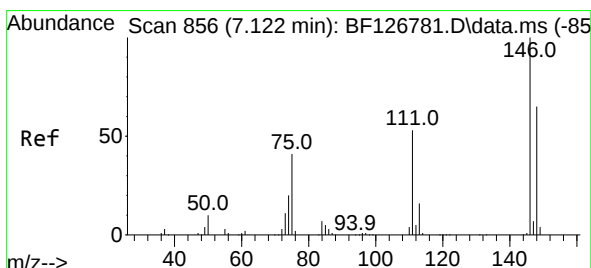
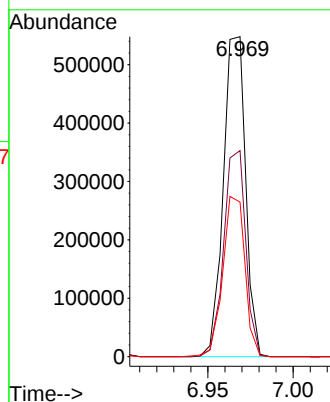
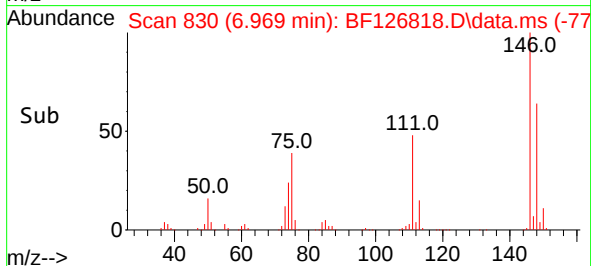


Tgt Ion:146 Resp: 498623

Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.6
111	48.3	36.1	54.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#14

1,2-Dichlorobenzene

Concen: 45.466 ng

RT: 7.116 min Scan# 855

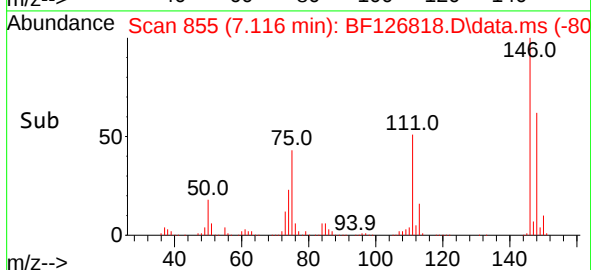
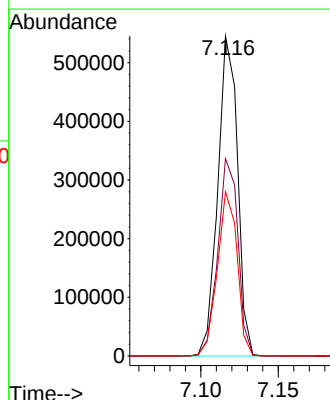
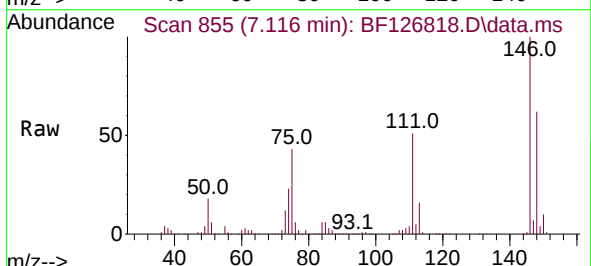
Delta R.T. -0.006 min

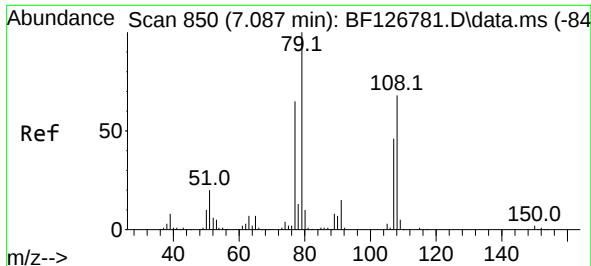
Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

Tgt Ion:146 Resp: 483890

Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.6	77.4
111	51.4	40.2	60.2





#15

Benzyl Alcohol

Concen: 46.290 ng

RT: 7.086 min Scan# 850

Delta R.T. -0.000 min

Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS

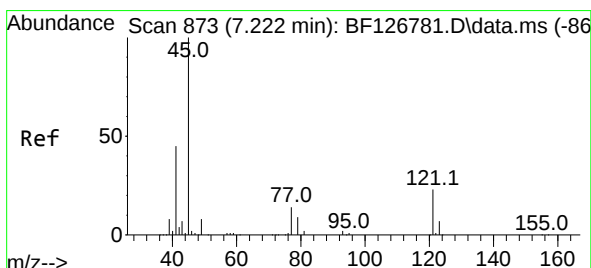
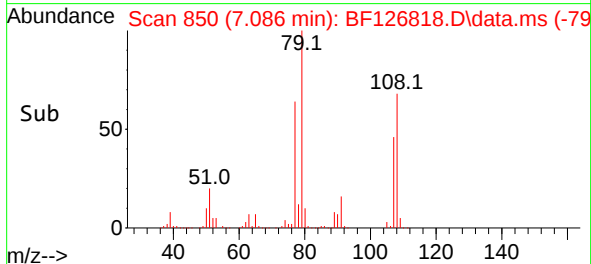
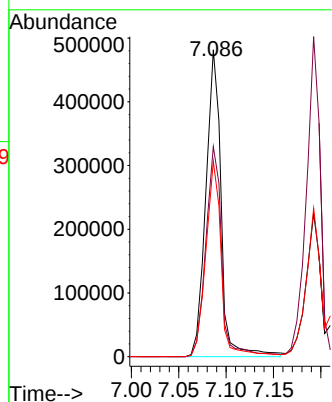
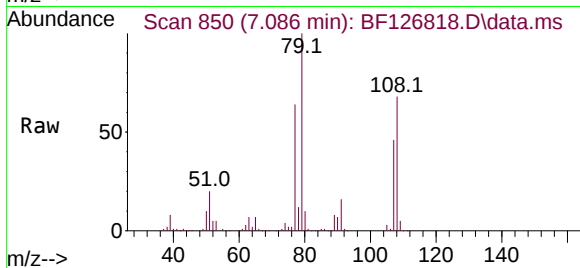
Tgt Ion:	79	Resp:	538429
Ion Ratio	Lower	Upper	
79	100		
108	68.5	63.2	94.8
77	63.7	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.817 ng

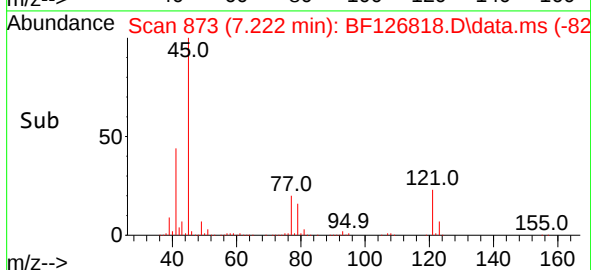
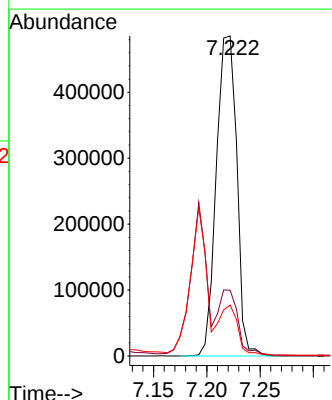
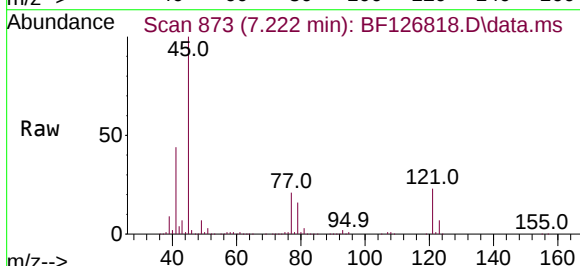
RT: 7.222 min Scan# 873

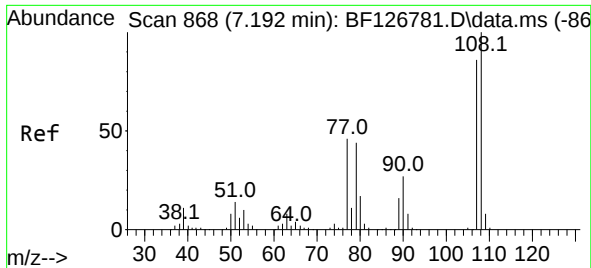
Delta R.T. -0.000 min

Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

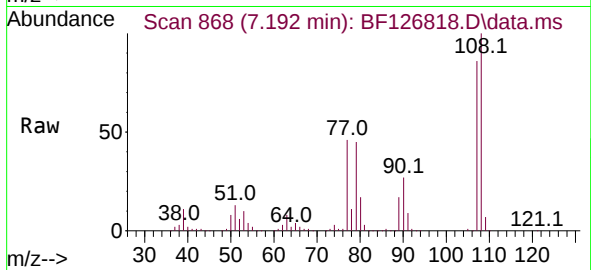
Tgt Ion:	45	Resp:	646686
Ion Ratio	Lower	Upper	
45	100		
77	20.5	0.0	32.4
79	15.9	0.0	29.8





#17
2-Methylphenol
Concen: 46.353 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

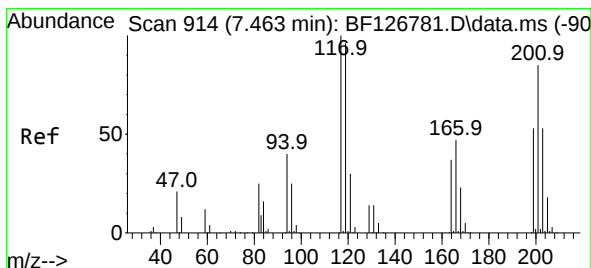
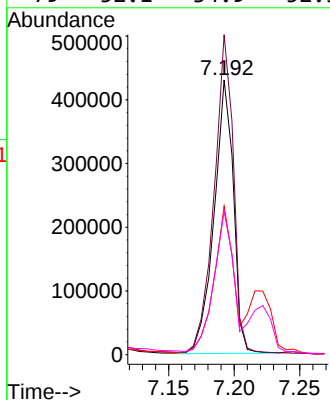
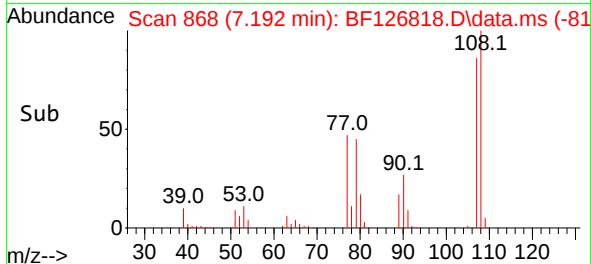
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:107 Resp: 438654
Ion Ratio Lower Upper
107 100
108 116.5 93.4 140.0
77 54.1 36.1 54.1
79 52.1 34.9 52.3

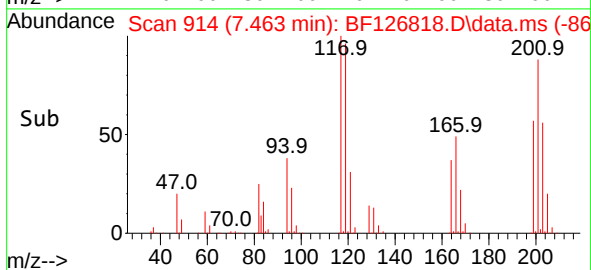
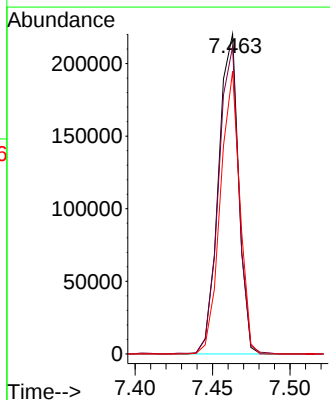
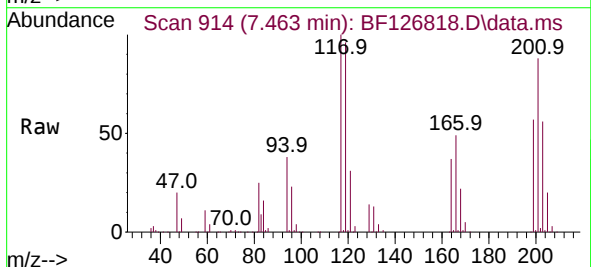
Manual Integrations
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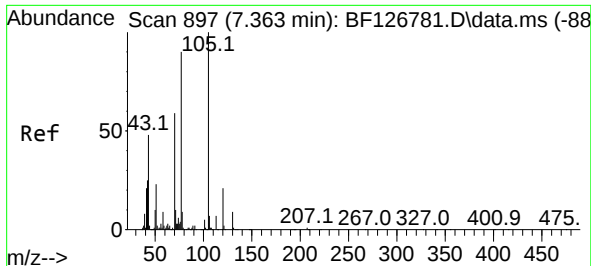
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#18
Hexachloroethane
Concen: 46.407 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

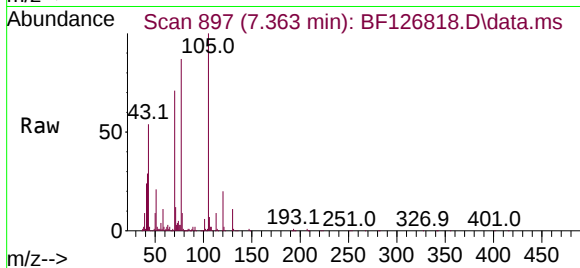
Tgt Ion:117 Resp: 199096
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0
201 88.4 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 45.030 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

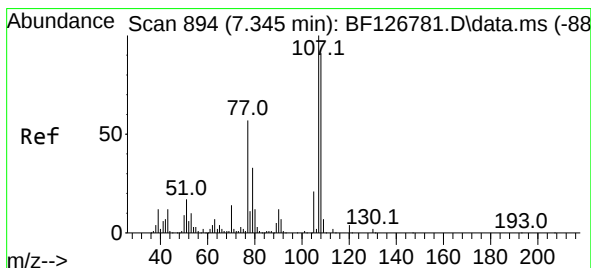
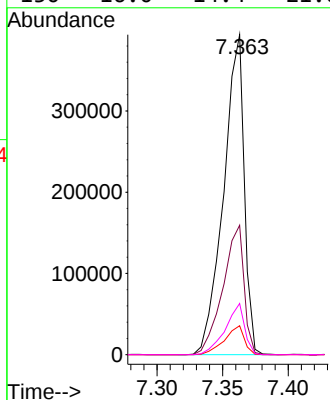
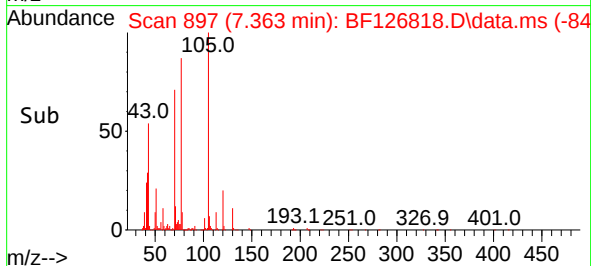
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion: 70 Resp: 43166
Ion Ratio Lower Upper
70 100
42 40.5 45.8 68.8
101 9.0 6.9 10.3
130 16.0 14.4 21.6

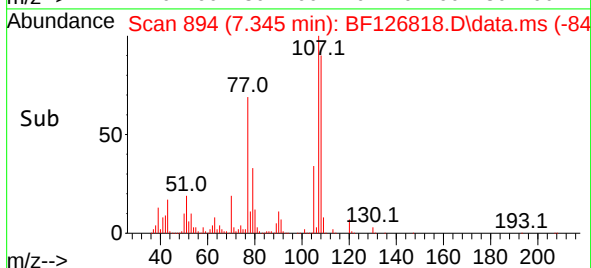
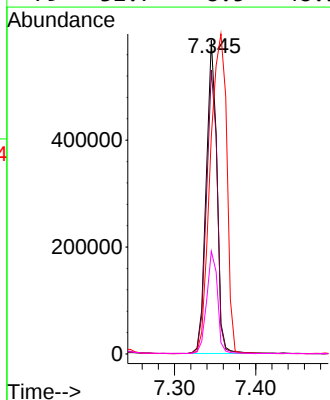
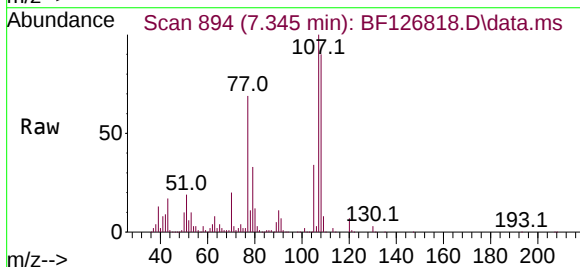
Manual Integrations
APPROVED

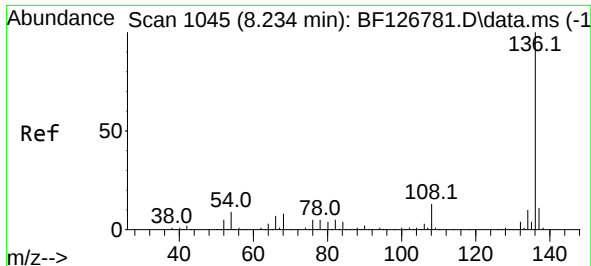
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#20
3+4-Methylphenols
Concen: 44.913 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

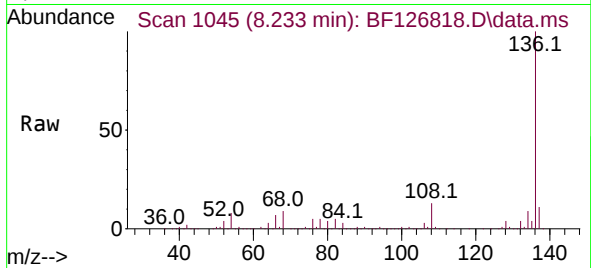
Tgt Ion:107 Resp: 535314
Ion Ratio Lower Upper
107 100
108 90.5 72.4 112.4
77 69.4 83.8 123.8
79 32.7 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

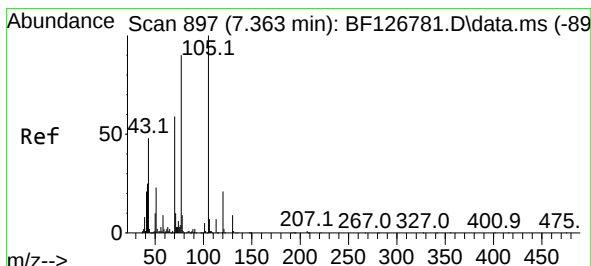
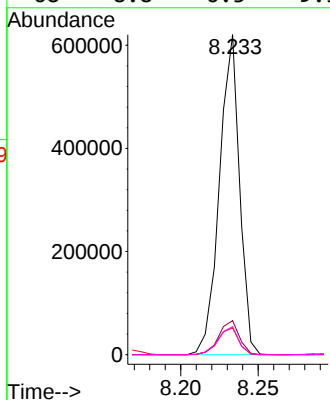
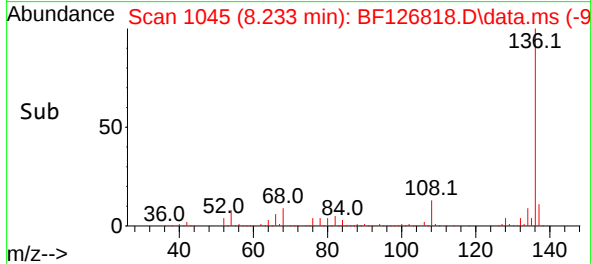
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:136 Resp: 55917
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.8 11.6
68 8.8 6.3 9.5

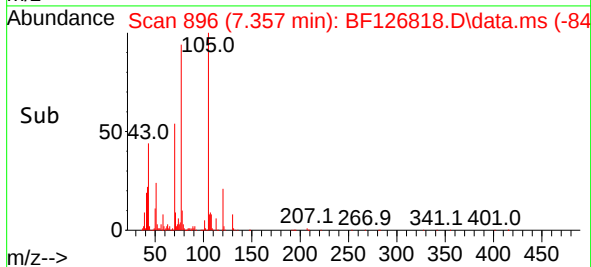
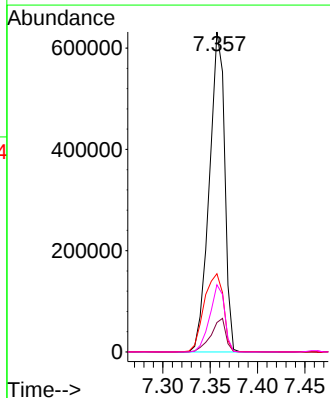
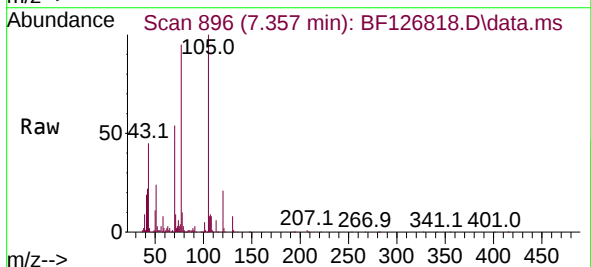
Manual Integrations
APPROVED

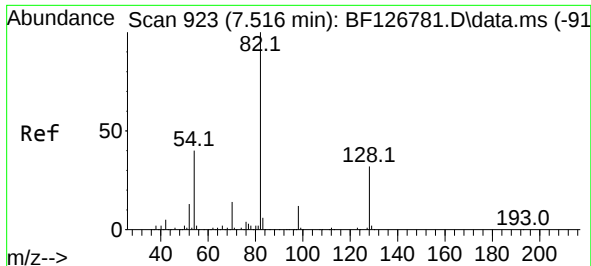
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#22
Acetophenone
Concen: 44.075 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

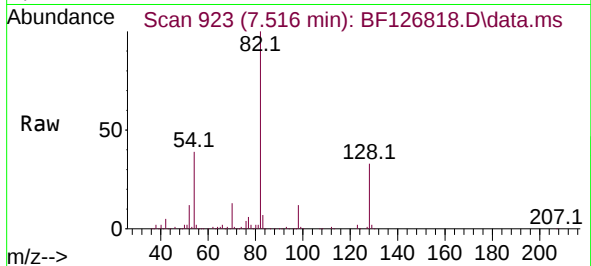
Tgt Ion:105 Resp: 713150
Ion Ratio Lower Upper
105 100
71 9.2 5.4 8.0#
51 24.4 27.4 41.0#
120 21.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 77.183 ng
RT: 7.516 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

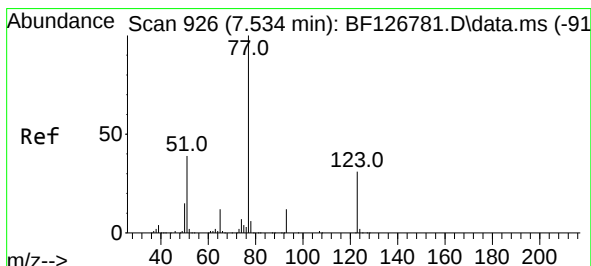
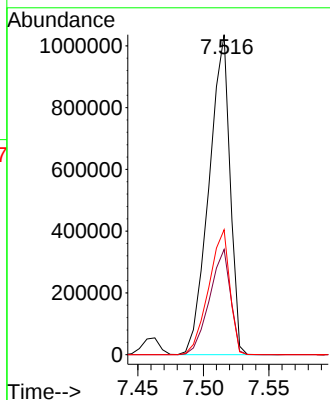
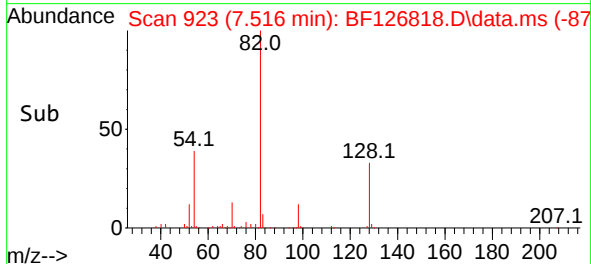
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion: 82 Resp: 1153204
Ion Ratio Lower Upper
82 100
128 32.9 32.7 49.1
54 39.0 41.7 62.5

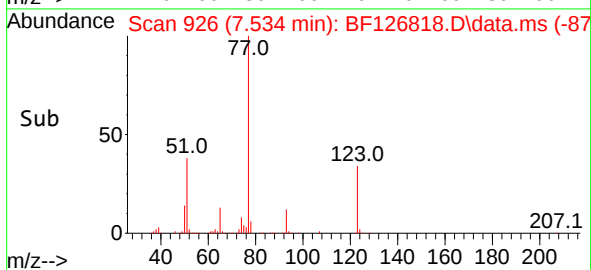
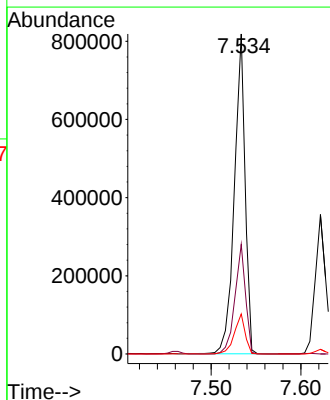
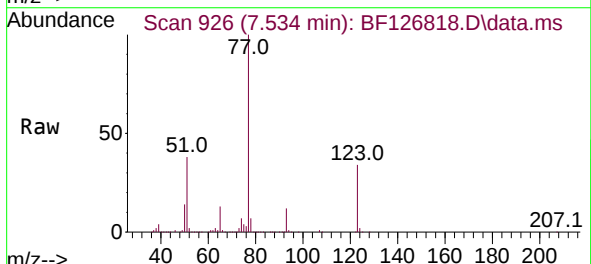
Manual Integrations
APPROVED

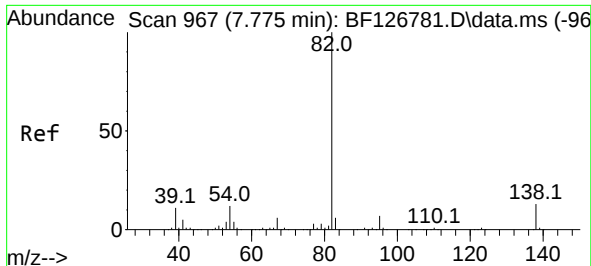
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#24
Nitrobenzene
Concen: 46.067 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

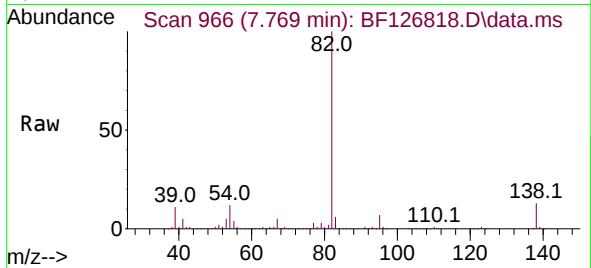
Tgt Ion: 77 Resp: 683238
Ion Ratio Lower Upper
77 100
123 34.3 34.6 52.0#
65 12.5 10.6 15.8





#25
Isophorone
Concen: 47.809 ng
RT: 7.769 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

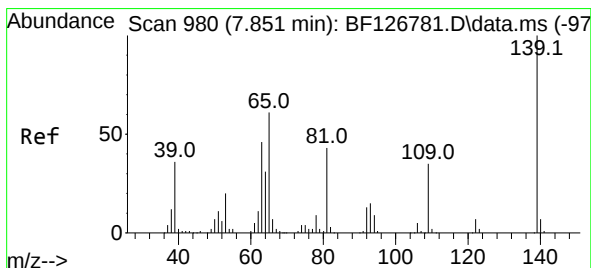
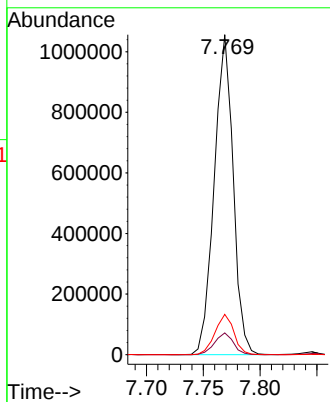
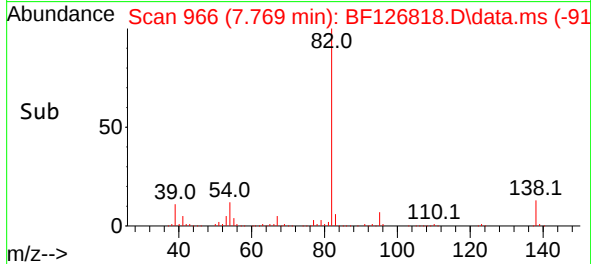
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion: 82 Resp: 1225944
Ion Ratio Lower Upper
82 100
95 6.8 5.0 7.4
138 12.6 12.3 18.5

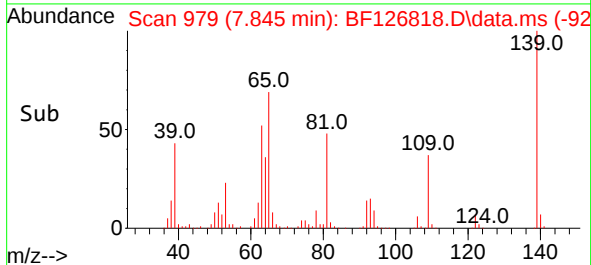
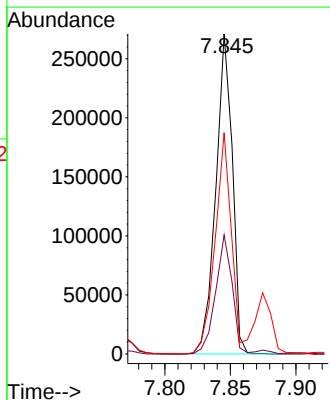
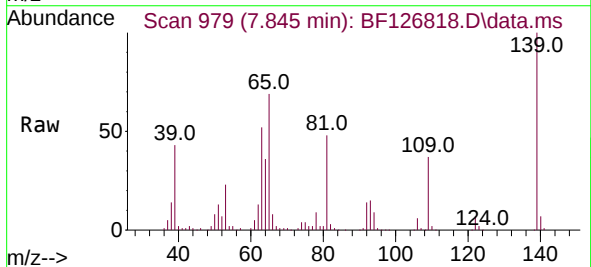
Manual Integrations
APPROVED

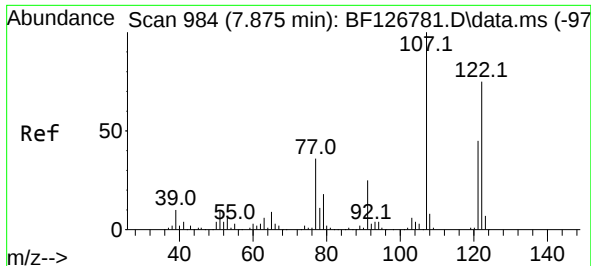
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#26
2-Nitrophenol
Concen: 48.020 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion:139 Resp: 237368
Ion Ratio Lower Upper
139 100
109 37.2 20.0 30.0#
65 69.2 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 50.002 ng

RT: 7.875 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF126818.D

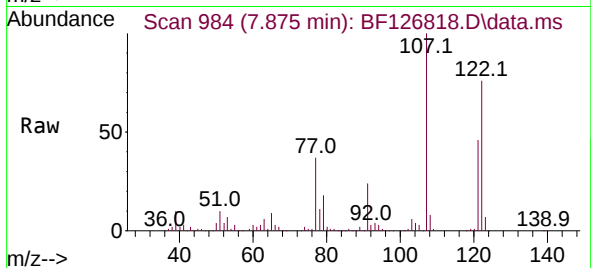
Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS



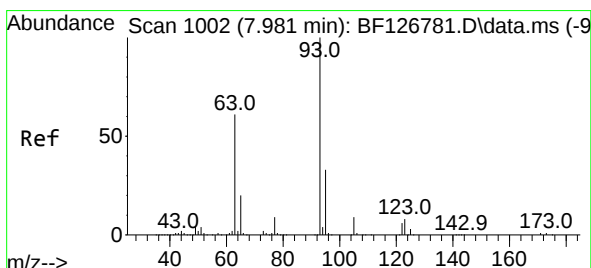
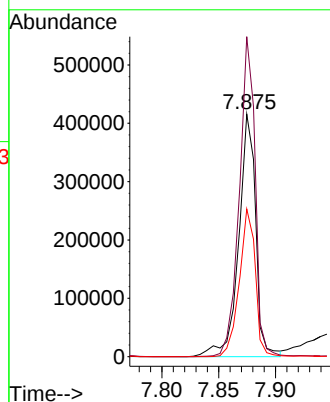
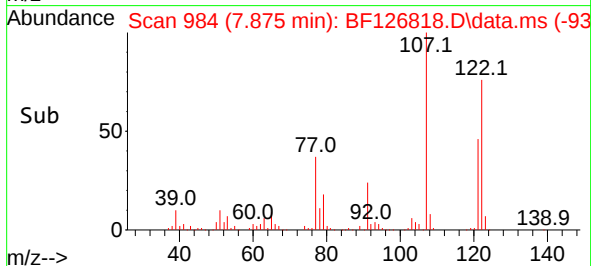
Tgt Ion:	122	Resp:	431690
Ion	Ratio	Lower	Upper
122	100		
107	131.9	91.2	136.8
121	60.8	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.948 ng

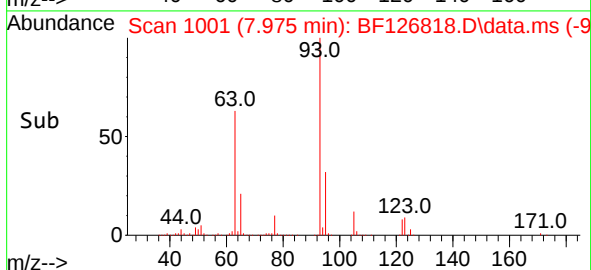
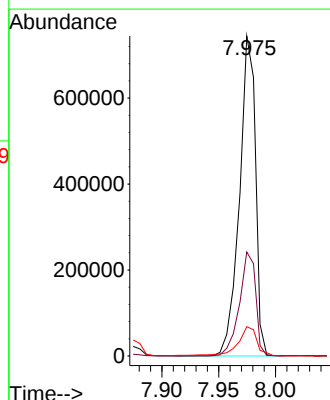
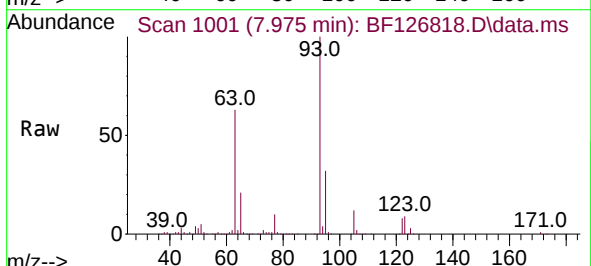
RT: 7.975 min Scan# 1001

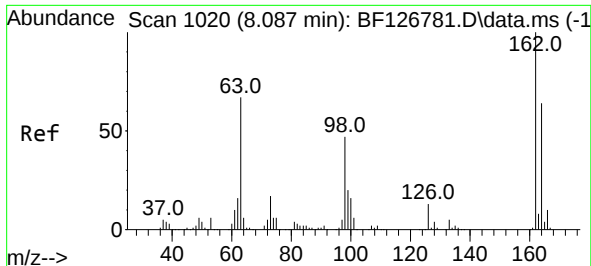
Delta R.T. -0.006 min

Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

Tgt Ion:	93	Resp:	730968
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.2
123	9.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 45.039 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF126818.D

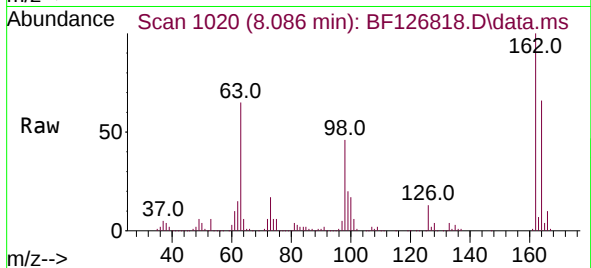
Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS

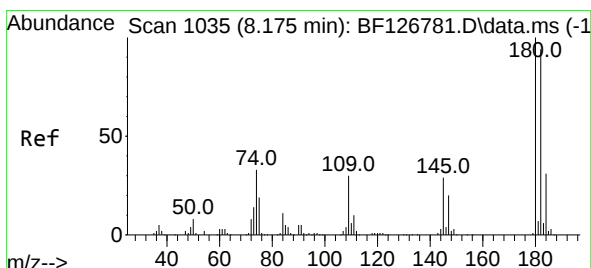
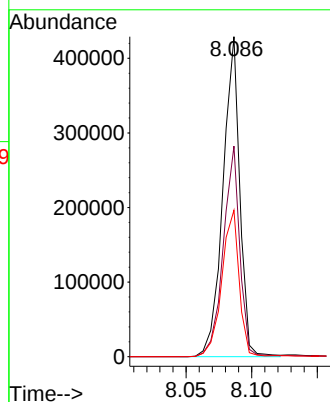
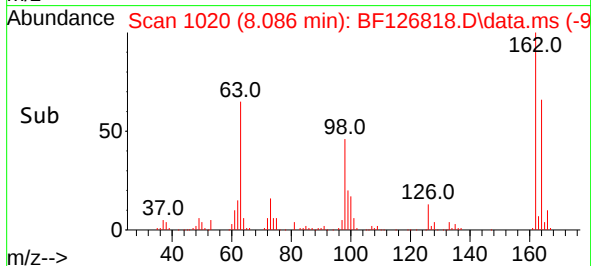


Tgt Ion:162 Resp: 38278

Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.8	83.8
98	45.7	23.6	63.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.224 ng

RT: 8.169 min Scan# 1034

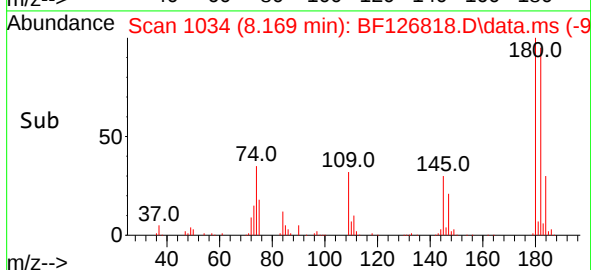
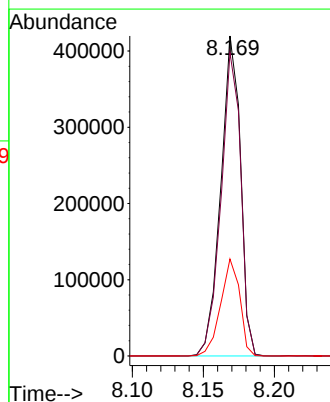
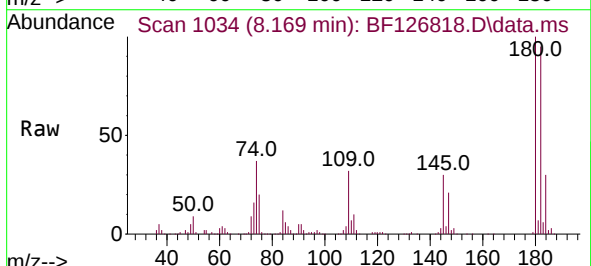
Delta R.T. -0.006 min

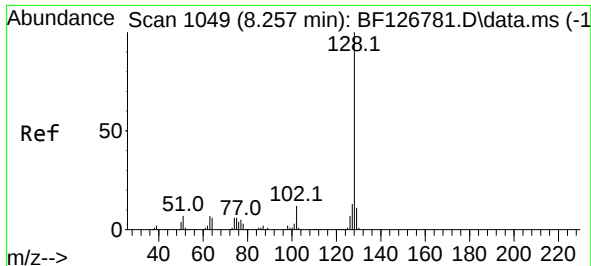
Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

Tgt Ion:180 Resp: 404201

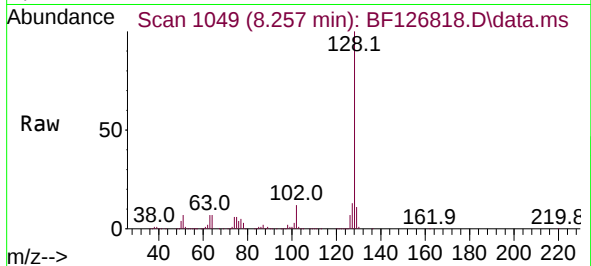
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.5	113.3
145	30.3	26.2	39.2





#31
Naphthalene
Concen: 44.768 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

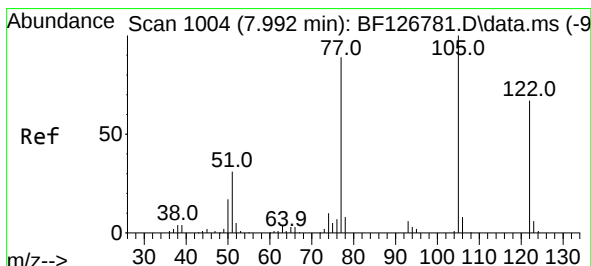
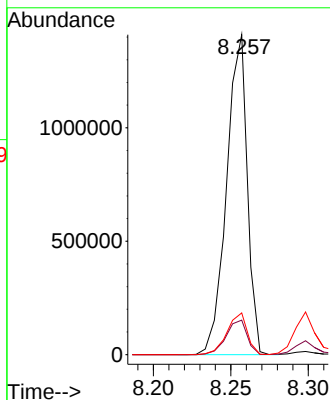
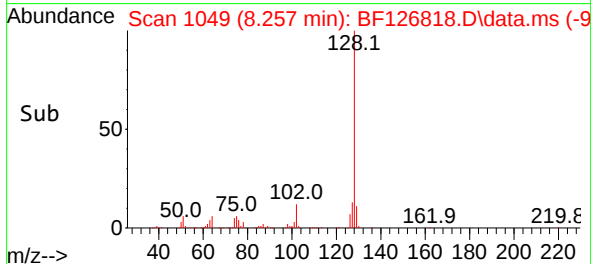
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:128 Resp: 1308430
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.3 15.5

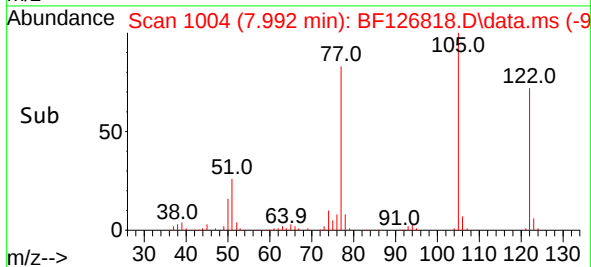
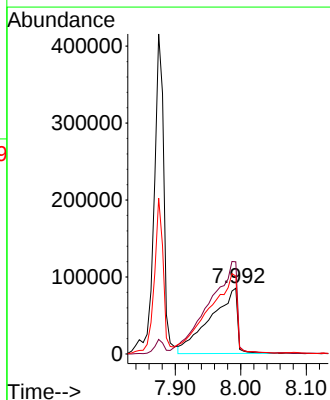
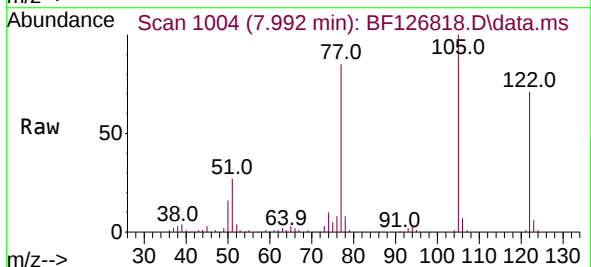
Manual Integrations
APPROVED

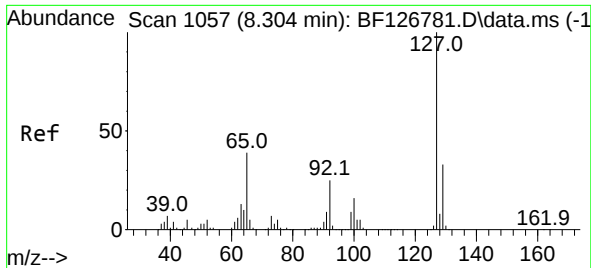
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#32
Benzoic acid
Concen: 36.475 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

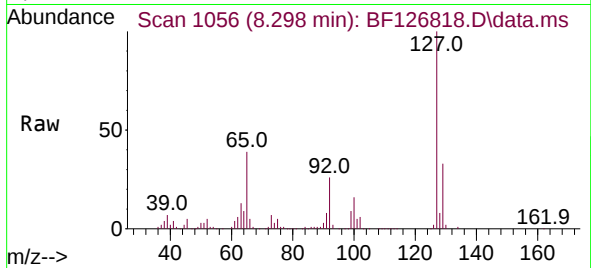
Tgt Ion:122 Resp: 243022
Ion Ratio Lower Upper
122 100
105 140.1 101.0 141.0
77 118.5 74.5 114.5#





#33
4-Chloroaniline
Concen: 16.030 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

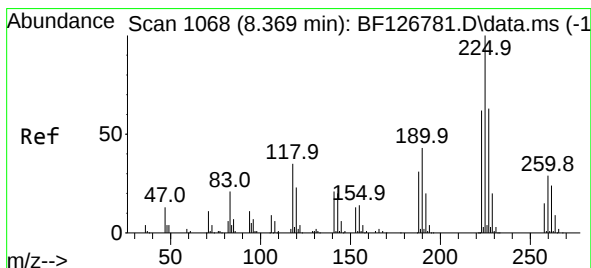
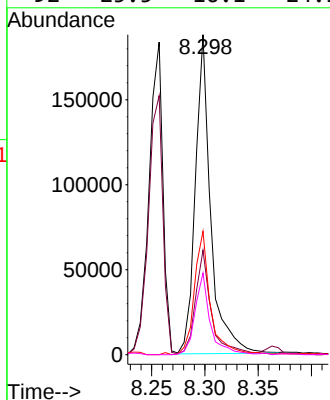
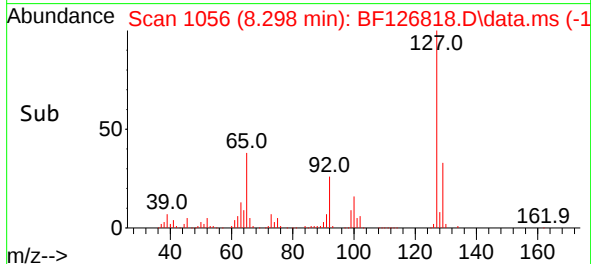
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:127 Resp: 18929
Ion Ratio Lower Upper
127 100
129 32.6 26.5 39.7
65 38.5 26.6 39.8
92 25.5 16.1 24.1#

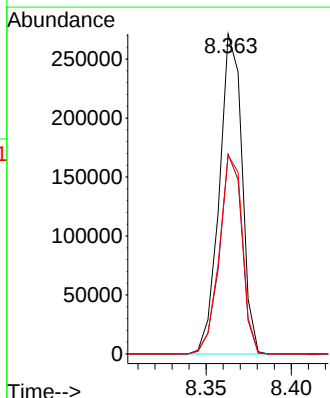
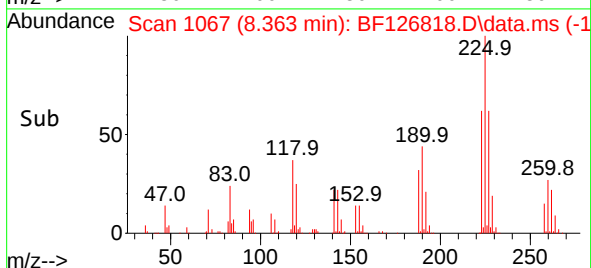
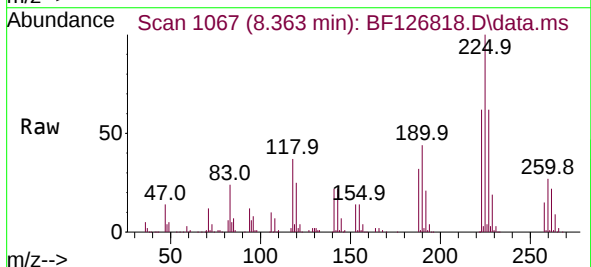
Manual Integrations
APPROVED

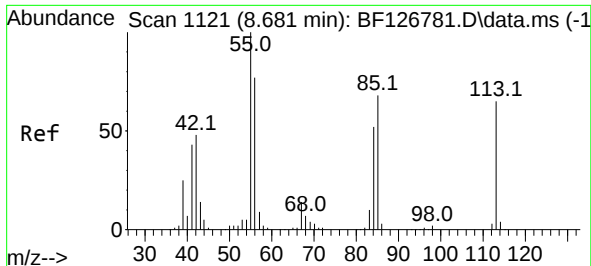
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#34
Hexachlorobutadiene
Concen: 43.723 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

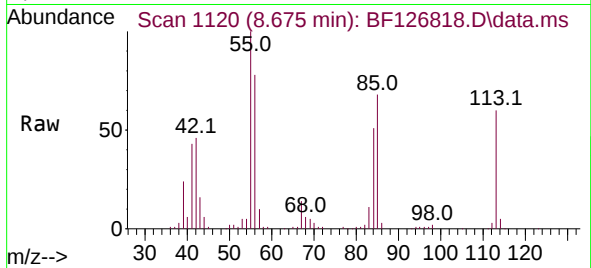
Tgt Ion:225 Resp: 250485
Ion Ratio Lower Upper
225 100
223 62.4 48.6 73.0
227 62.1 51.4 77.0





#35
Caprolactam
Concen: 45.590 ng m
RT: 8.675 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

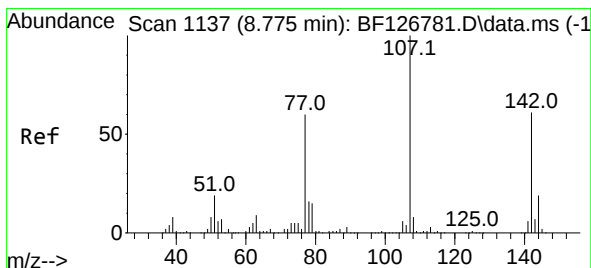
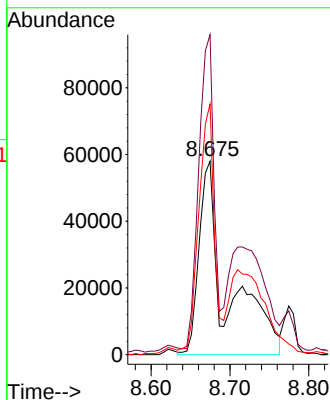
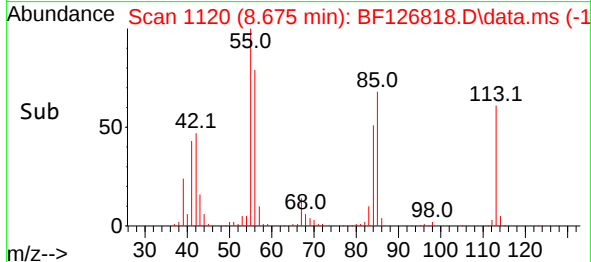
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:113 Resp: 140980
Ion Ratio Lower Upper
113 100
55 165.4 183.9 223.9
56 129.6 129.9 169.9

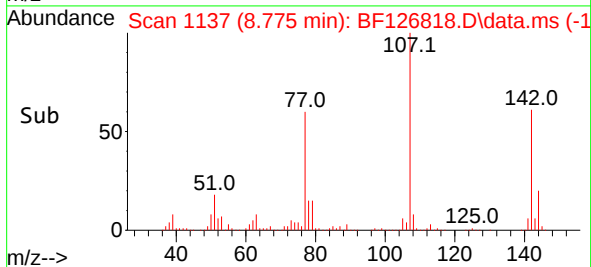
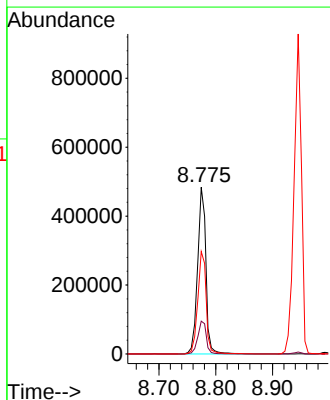
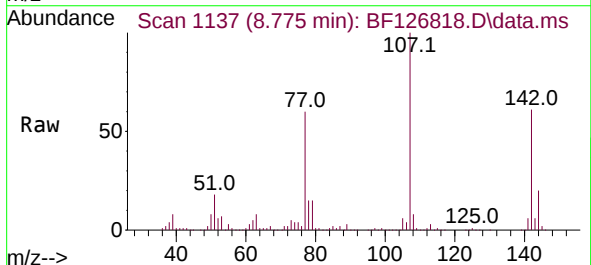
Manual Integrations
APPROVED

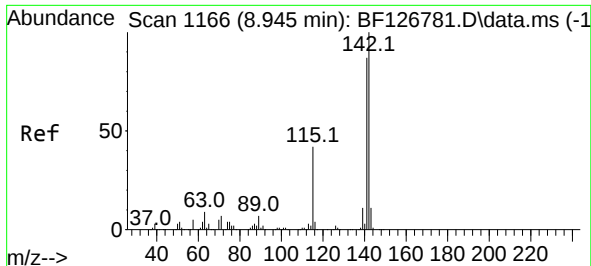
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#36
4-Chloro-3-methylphenol
Concen: 45.608 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion:107 Resp: 494077
Ion Ratio Lower Upper
107 100
144 19.7 18.5 27.7
142 61.4 58.1 87.1





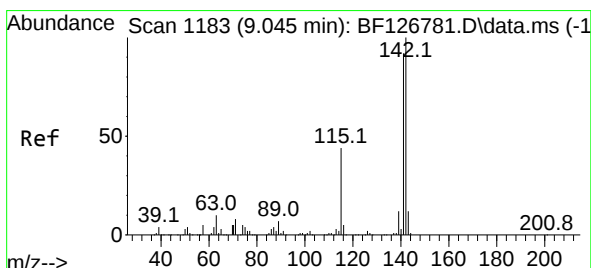
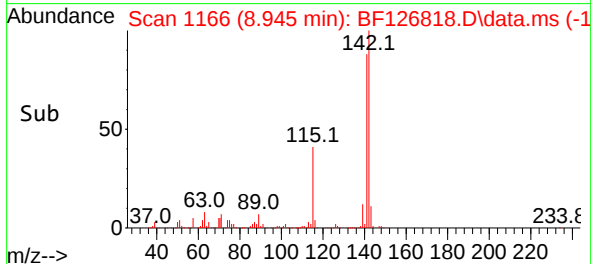
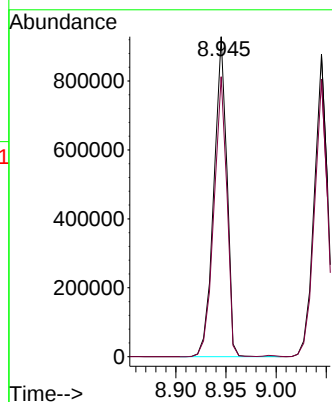
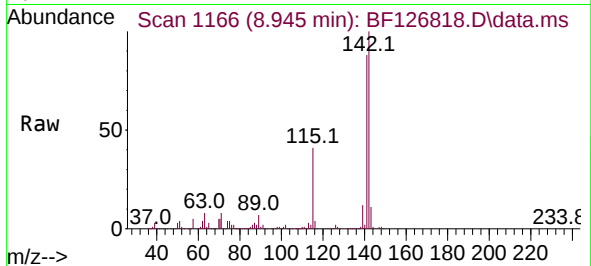
#37
2-Methylnaphthalene
Concen: 46.296 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS

Tgt Ion:142 Resp: 83376
Ion Ratio Lower Upper
142 100
141 87.5 68.6 102.8

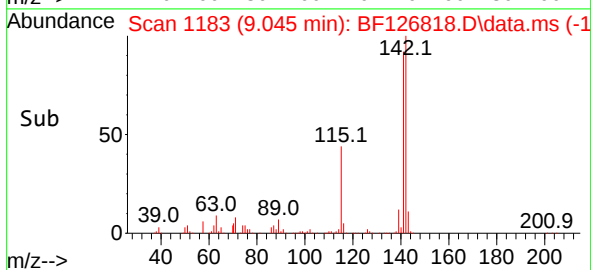
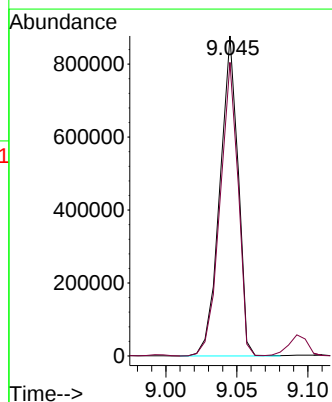
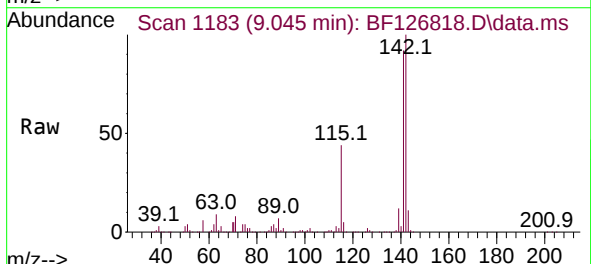
Manual Integrations
APPROVED

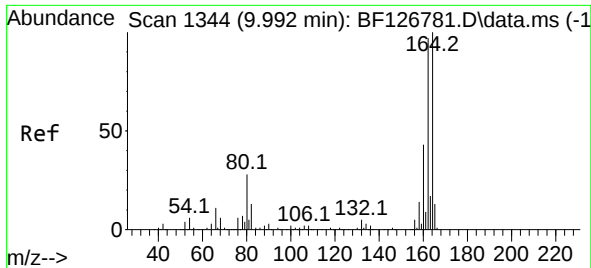
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#38
1-Methylnaphthalene
Concen: 45.016 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

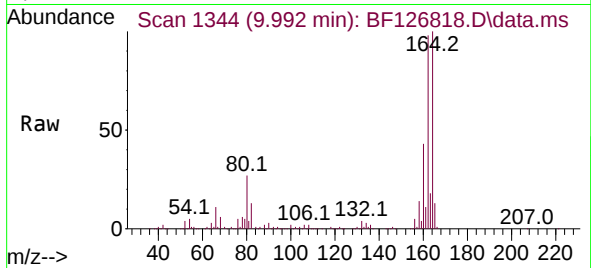
Tgt Ion:142 Resp: 780389
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

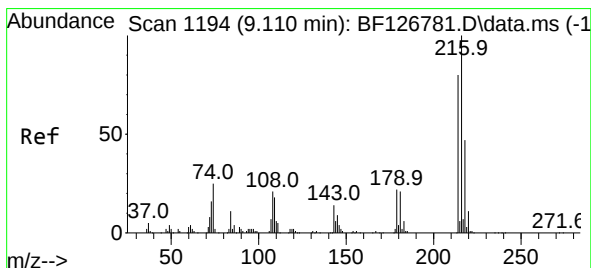
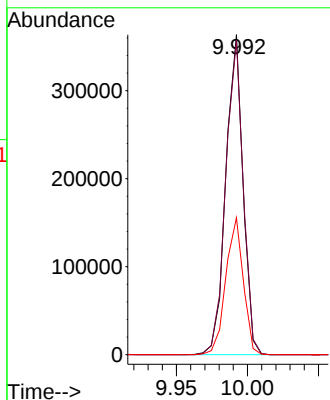
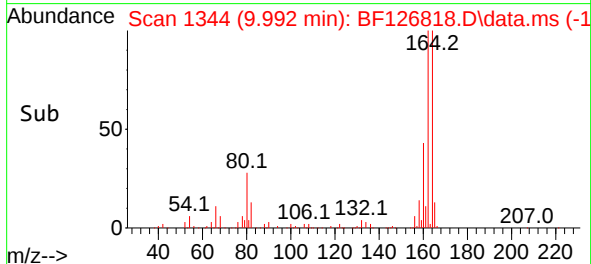
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



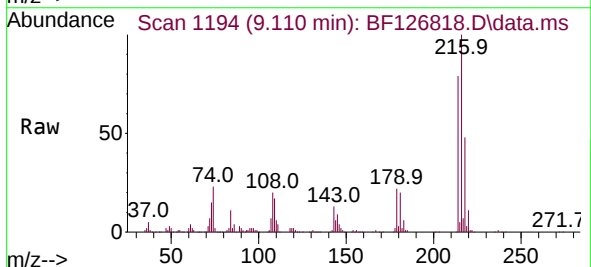
Tgt Ion:164 Resp: 304840
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 42.8 36.6 54.8

Manual Integrations
APPROVED

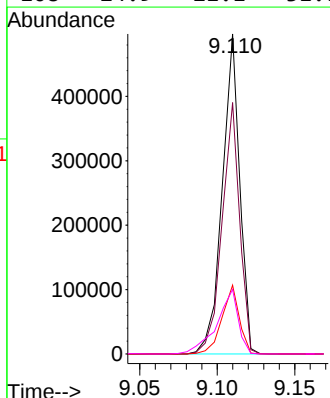
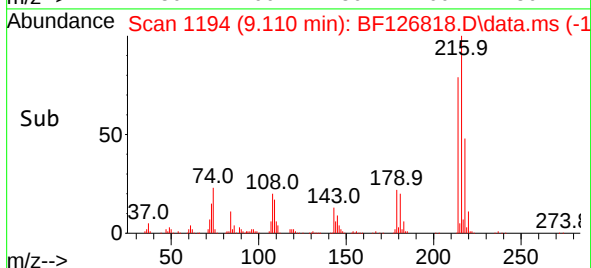
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

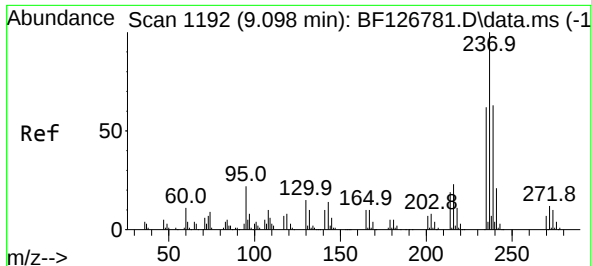


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.355 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



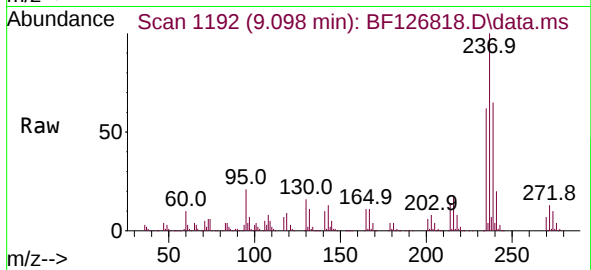
Tgt Ion:216 Resp: 389310
Ion Ratio Lower Upper
216 100
214 78.9 64.6 96.8
179 21.3 19.5 29.3
108 24.9 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 89.350 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

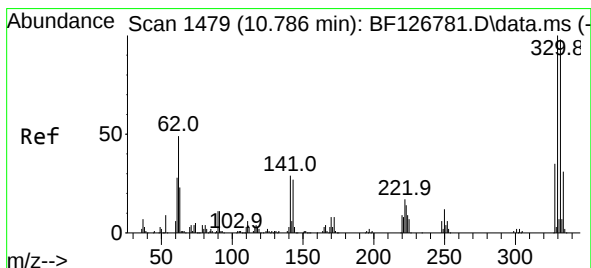
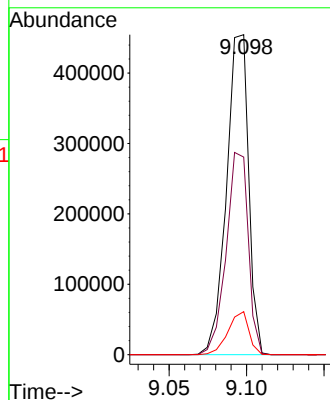
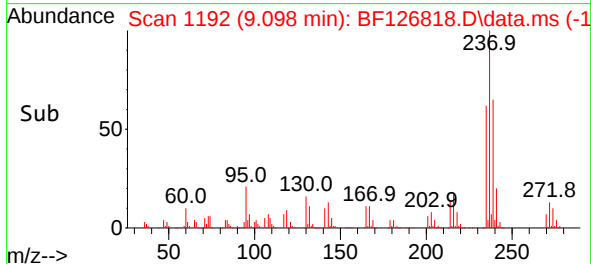
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



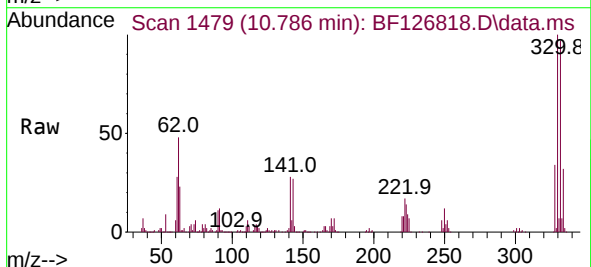
Tgt Ion:237 Resp: 452035
Ion Ratio Lower Upper
237 100
235 61.7 38.9 78.9
272 13.4 0.0 33.5

Manual Integrations
APPROVED

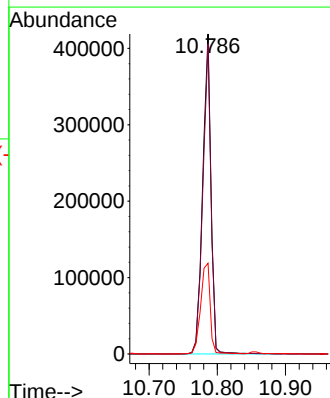
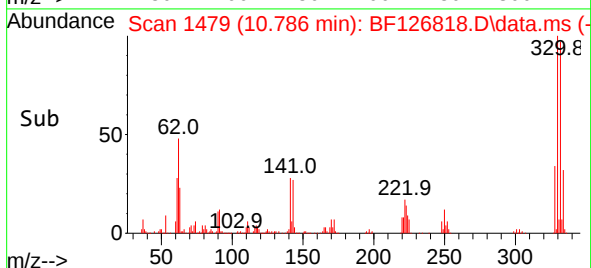
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

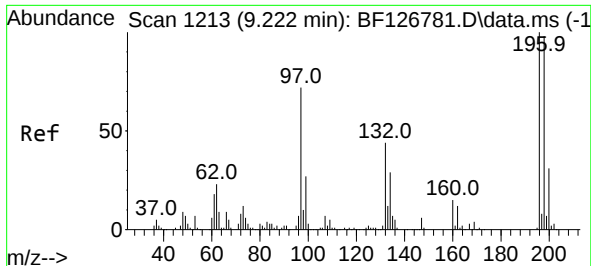


#42
2,4,6-Tribromophenol
Concen: 111.579 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



Tgt Ion:330 Resp: 353006
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 32.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 44.276 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF126818.D

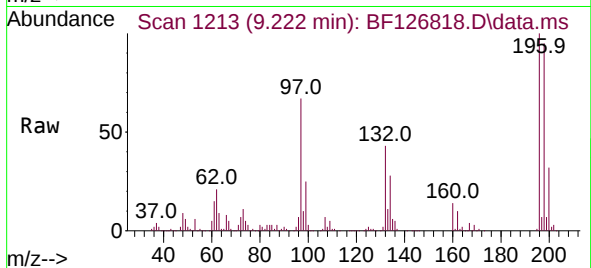
Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS



Tgt Ion:196 Resp: 27377

Ion Ratio Lower Upper

196 100

198 95.1 78.5 117.7

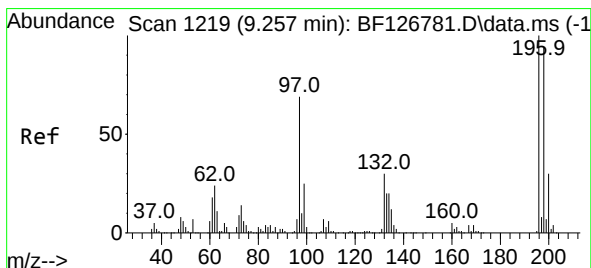
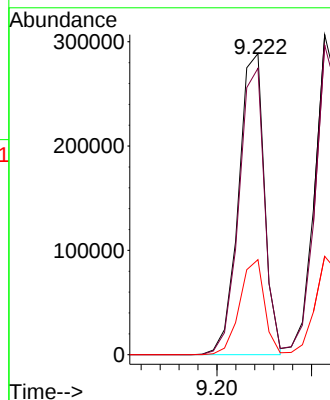
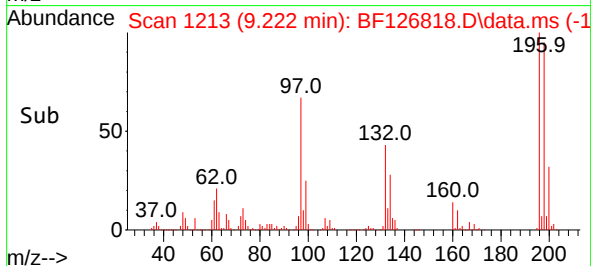
200 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#44

2,4,5-Trichlorophenol

Concen: 44.802 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

Tgt Ion:196 Resp: 289215

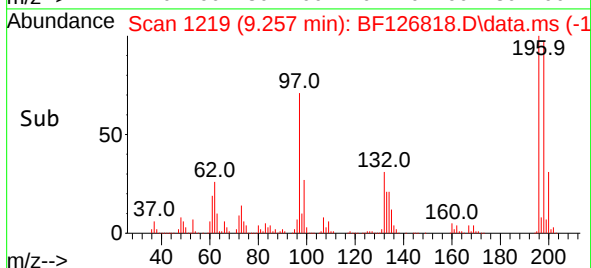
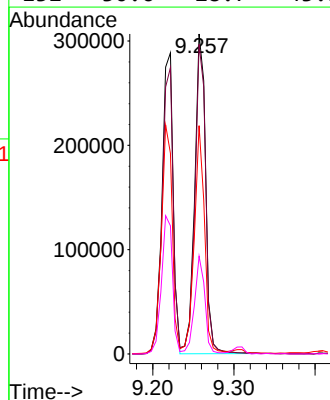
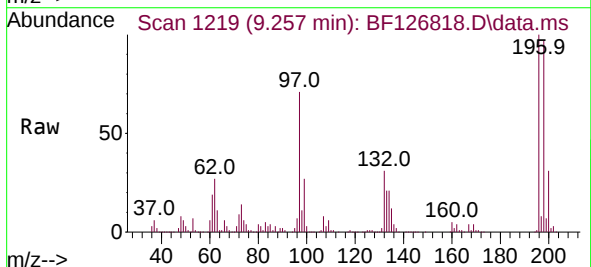
Ion Ratio Lower Upper

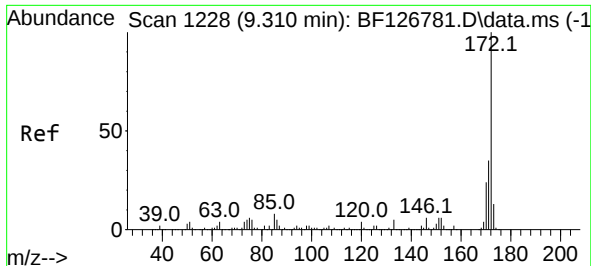
196 100

198 96.7 82.0 123.0

97 71.3 53.5 80.3

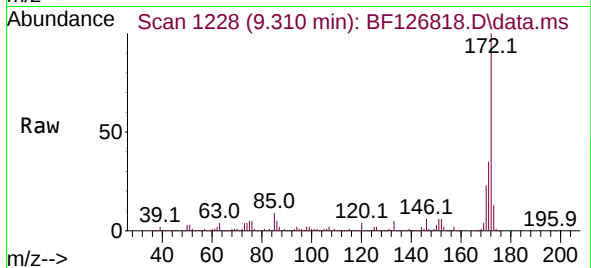
132 30.6 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 74.661 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

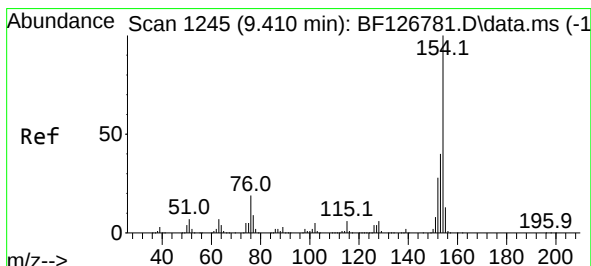
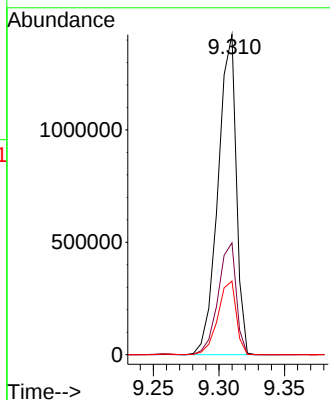
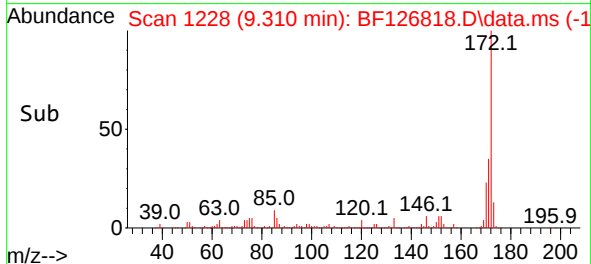
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:172 Resp: 1374512
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 19.0 28.6

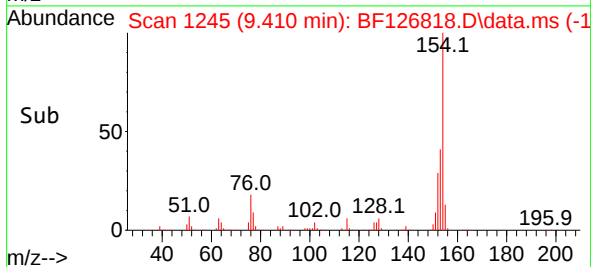
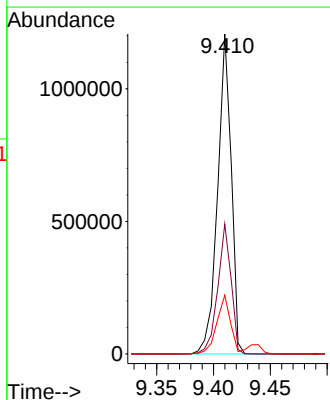
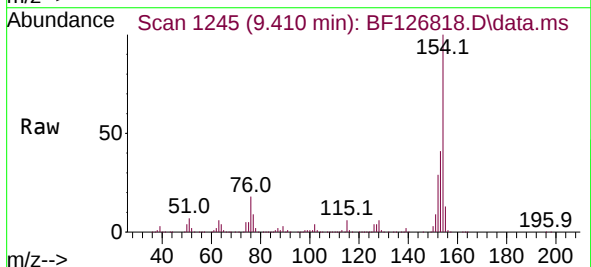
Manual Integrations
APPROVED

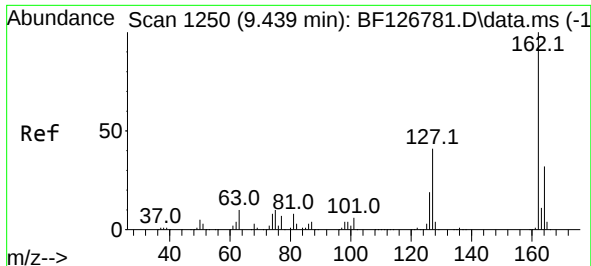
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#46
1,1'-Biphenyl
Concen: 45.045 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

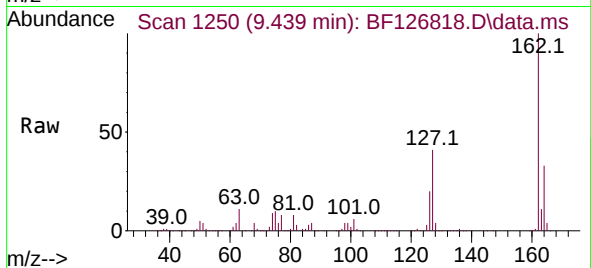
Tgt Ion:154 Resp: 1005664
Ion Ratio Lower Upper
154 100
153 40.7 19.0 59.0
76 18.4 0.0 34.5





#47
2-Chloronaphthalene
Concen: 44.764 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

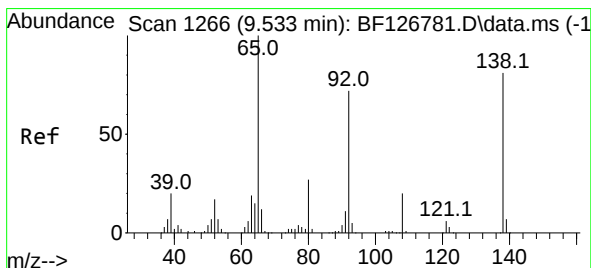
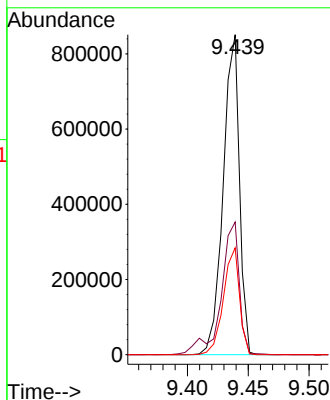
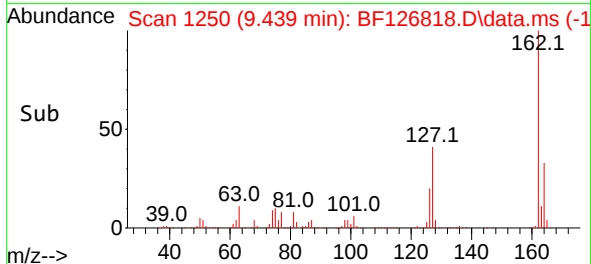
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:162 Resp: 792217
Ion Ratio Lower Upper
162 100
127 41.5 33.5 50.3
164 33.4 26.2 39.4

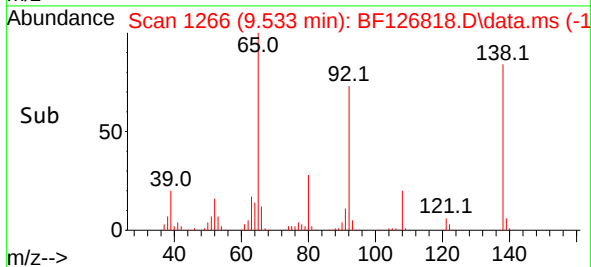
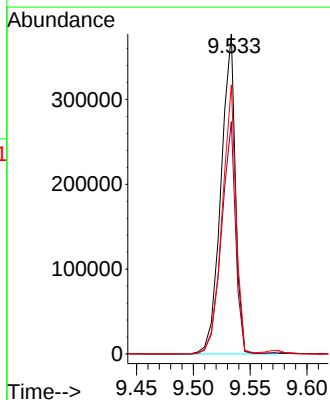
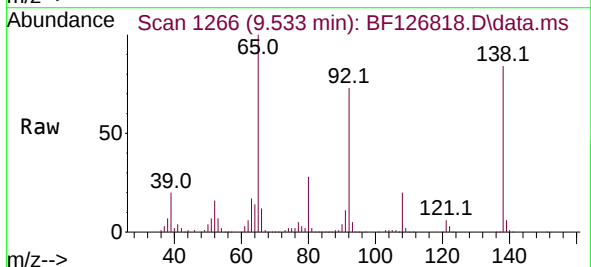
Manual Integrations
APPROVED

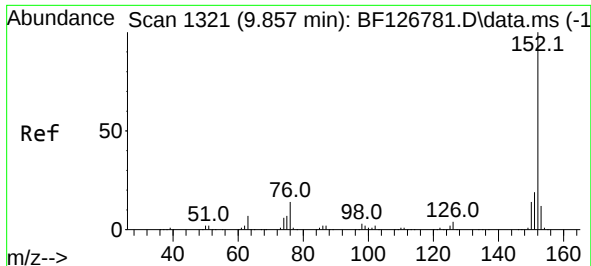
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#48
2-Nitroaniline
Concen: 46.370 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

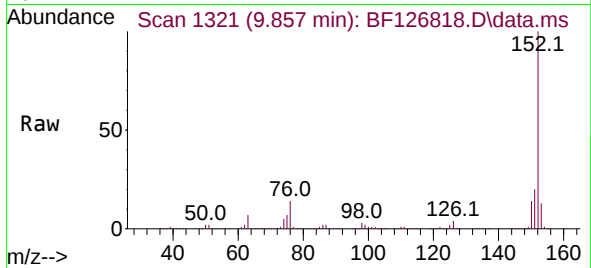
Tgt Ion: 65 Resp: 334595
Ion Ratio Lower Upper
65 100
92 72.6 54.4 81.6
138 84.1 72.5 108.7





#49
Acenaphthylene
Concen: 46.395 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

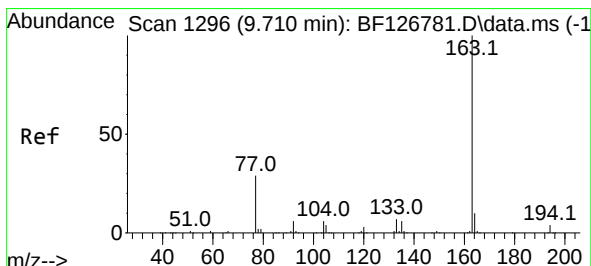
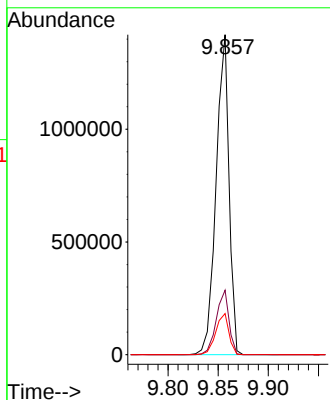
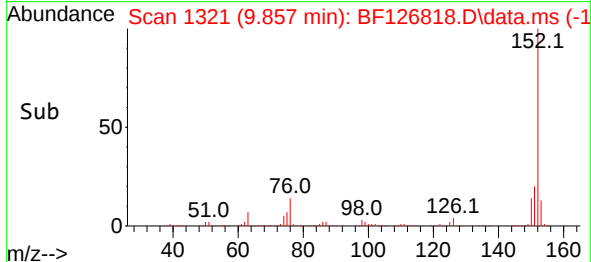
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



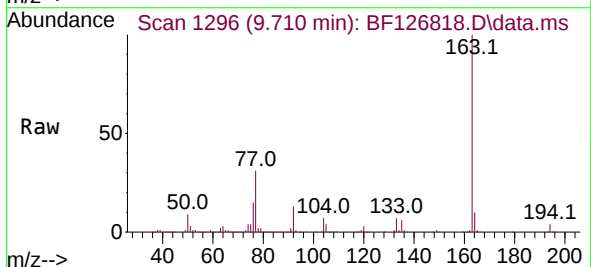
Tgt Ion:152 Resp: 1267750
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 12.8 11.4 17.0

Manual Integrations
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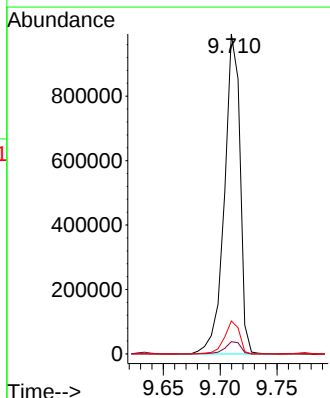
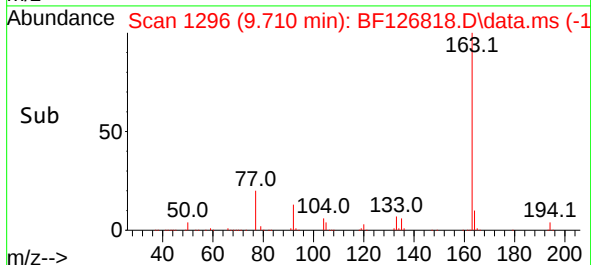
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

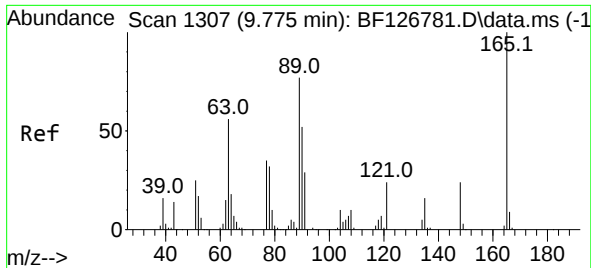


#50
Dimethylphthalate
Concen: 45.069 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



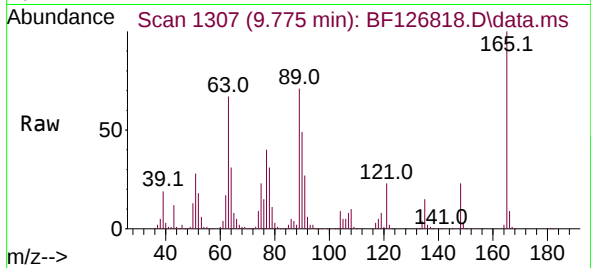
Tgt Ion:163 Resp: 949659
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 48.097 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

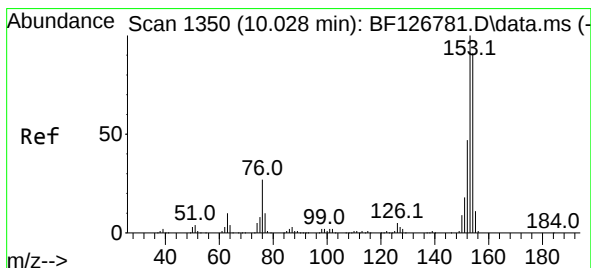
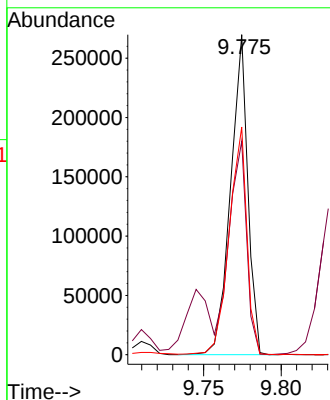
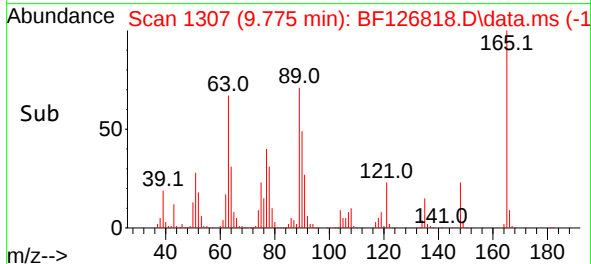
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



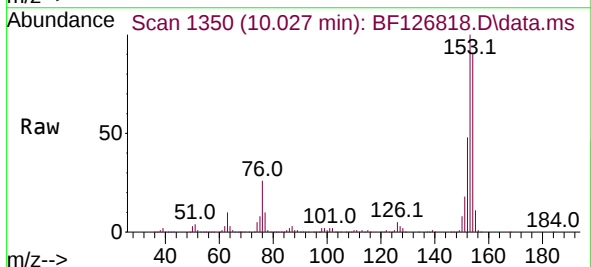
Tgt Ion:165 Resp: 20818
Ion Ratio Lower Upper
165 100
63 66.7 48.4 72.6
89 71.1 50.5 75.7

Manual Integrations
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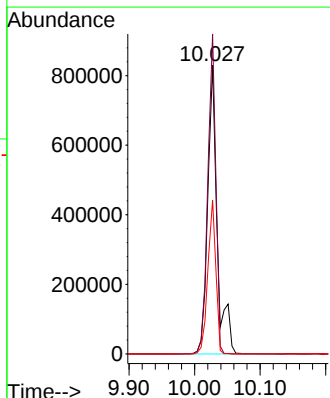
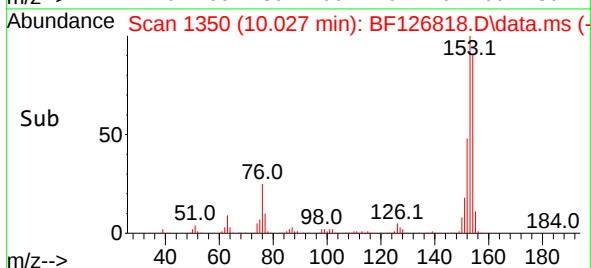
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

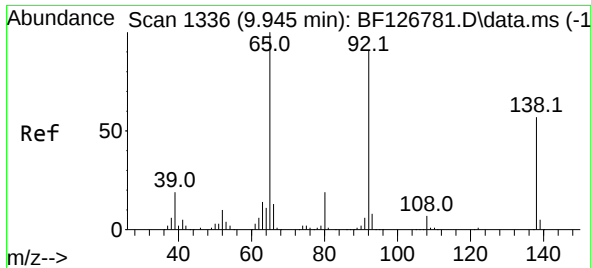


#52
Acenaphthene
Concen: 48.490 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



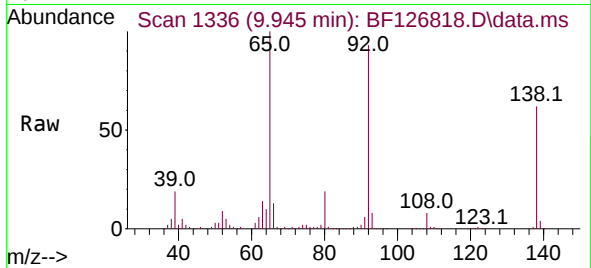
Tgt Ion:154 Resp: 844814
Ion Ratio Lower Upper
154 100
153 110.9 87.8 131.6
152 53.3 39.4 59.2





#53
3-Nitroaniline
Concen: 33.389 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

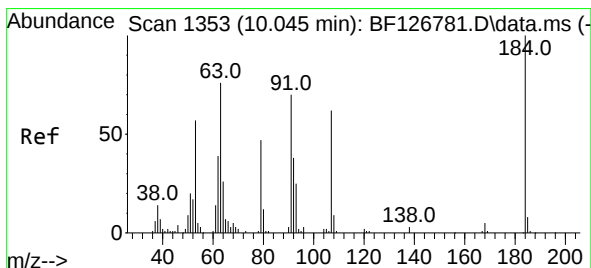
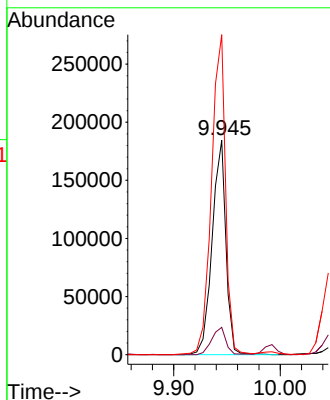
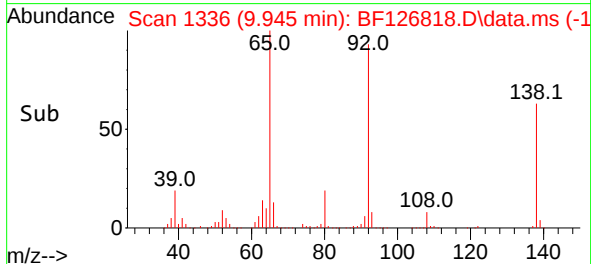
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:138 Resp: 164680
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 149.3 105.0 157.6

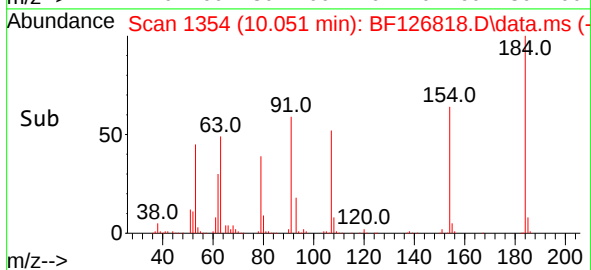
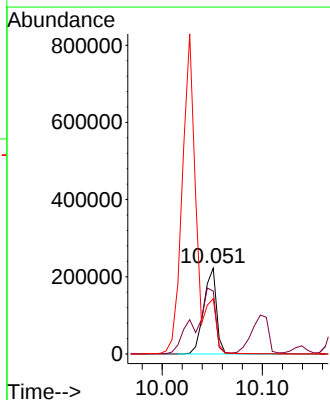
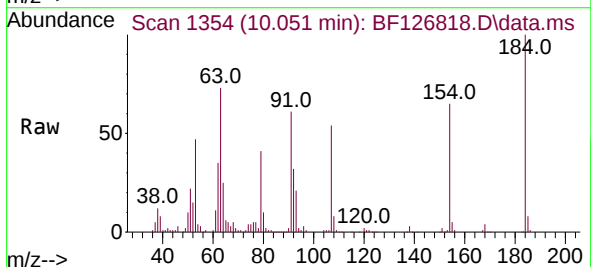
Manual Integrations
APPROVED

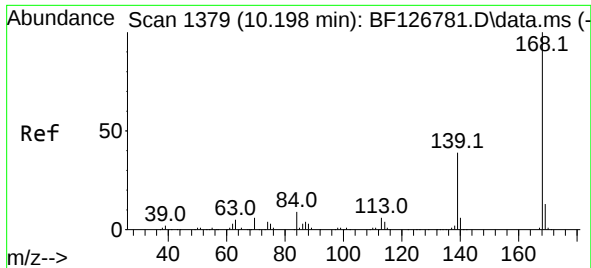
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#54
2,4-Dinitrophenol
Concen: 86.785 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

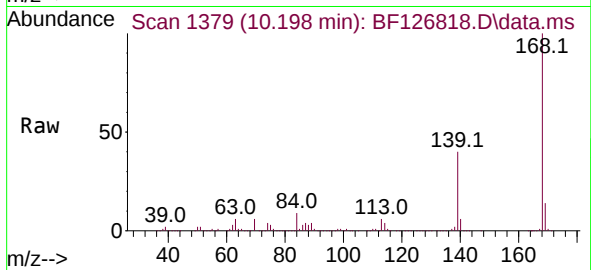
Tgt Ion:184 Resp: 197872
Ion Ratio Lower Upper
184 100
63 73.4 70.4 105.6
154 64.7 49.7 74.5





#55
Dibenzenofuran
Concen: 42.797 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

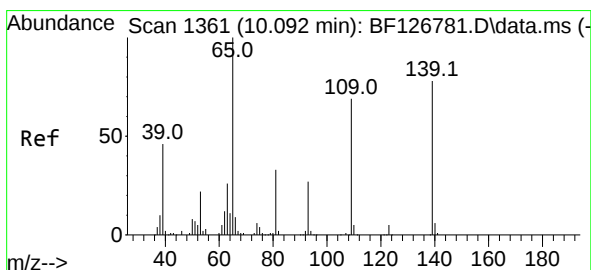
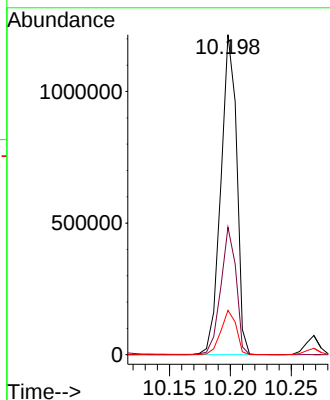
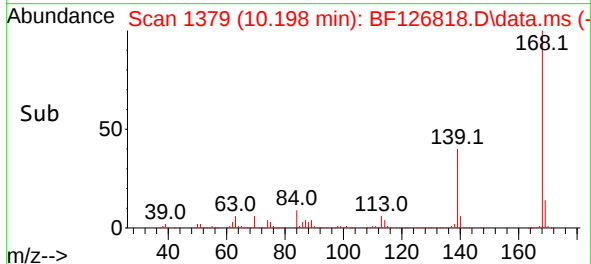
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:168 Resp: 110056
Ion Ratio Lower Upper
168 100
139 39.9 30.6 46.0
169 13.9 10.0 15.0

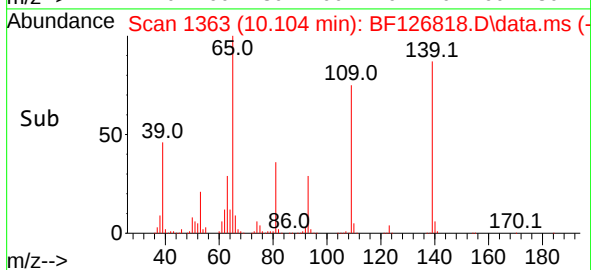
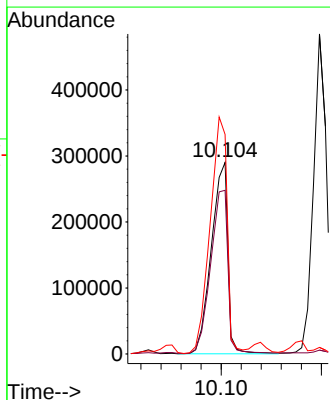
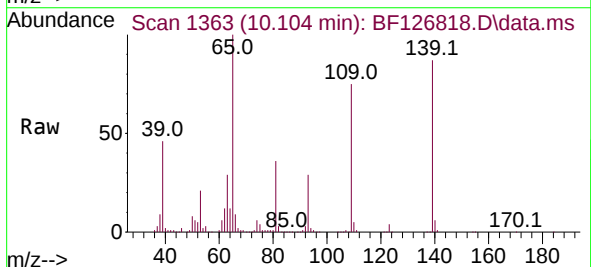
Manual Integrations
APPROVED

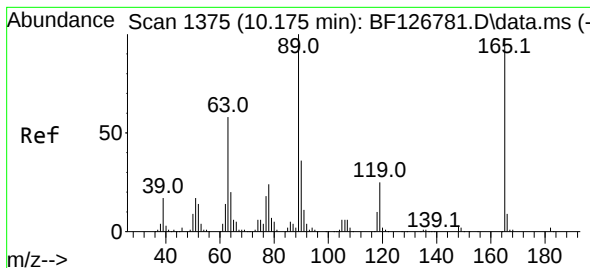
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#56
4-Nitrophenol
Concen: 88.965 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

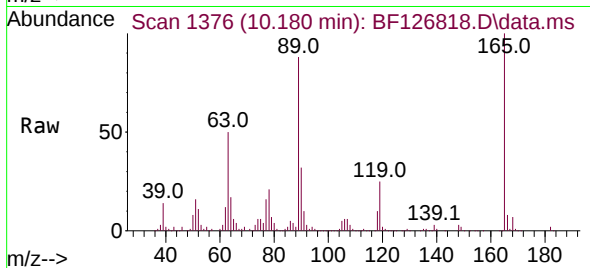
Tgt Ion:139 Resp: 332319
Ion Ratio Lower Upper
139 100
109 85.5 44.1 84.1#
65 114.6 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 47.774 ng
RT: 10.180 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

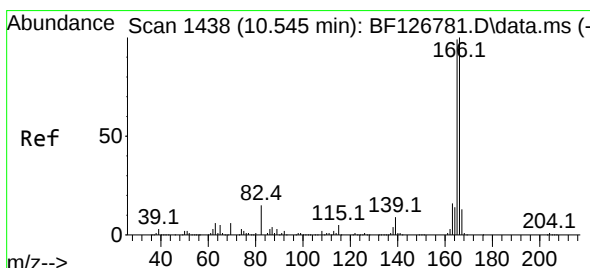
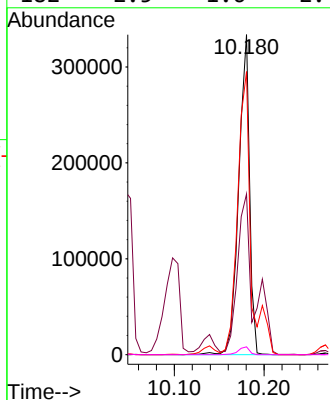
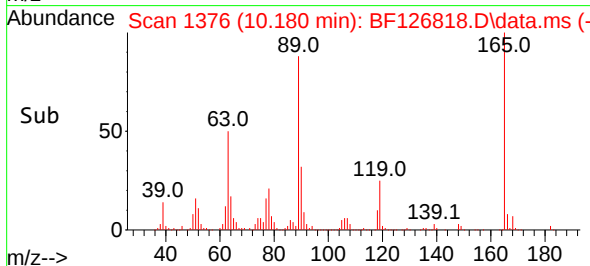
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:165 Resp: 28026
Ion Ratio Lower Upper
165 100
63 50.2 43.0 64.6
89 88.5 71.0 106.4
182 2.5 1.6 2.4#

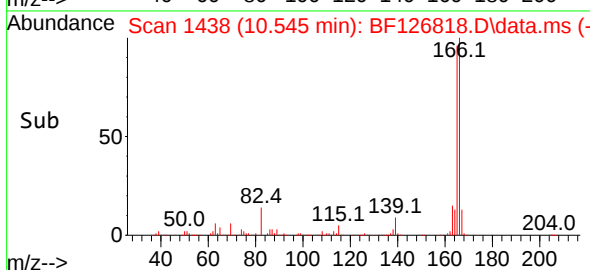
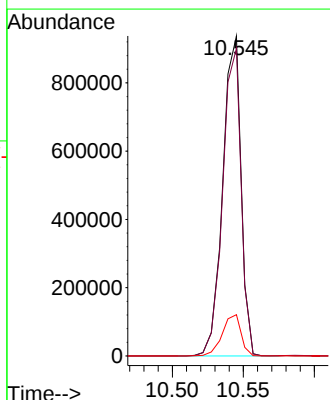
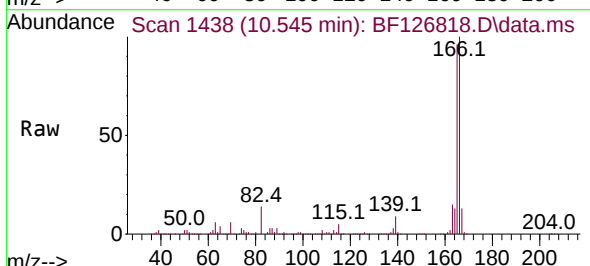
Manual Integrations
APPROVED

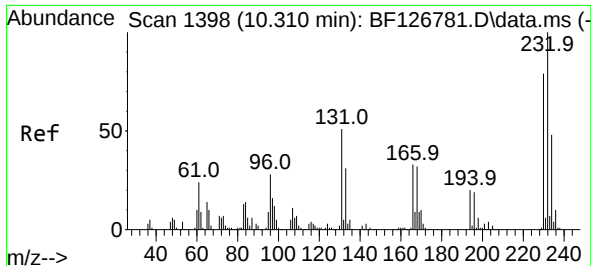
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#58
Fluorene
Concen: 44.105 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

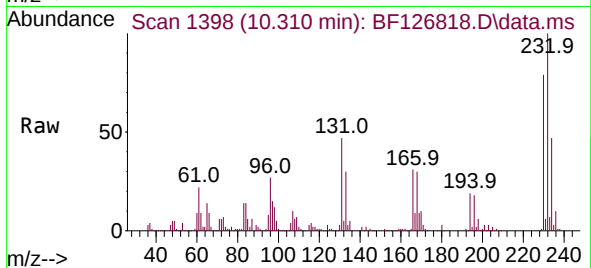
Tgt Ion:166 Resp: 839172
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.474 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

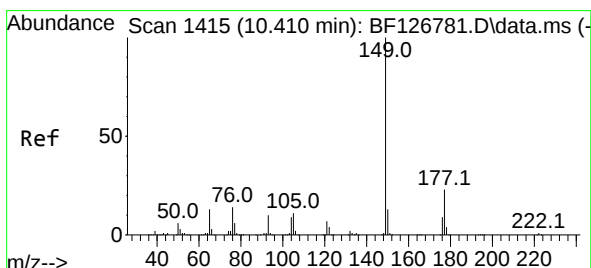
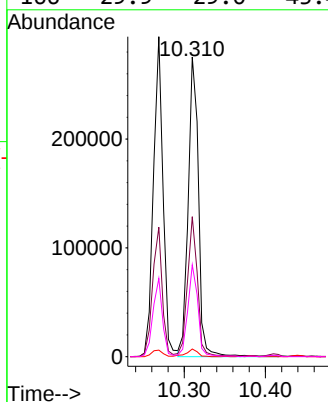
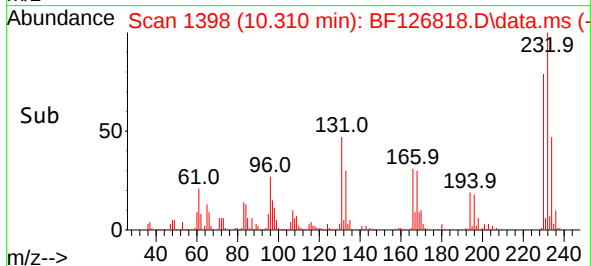
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



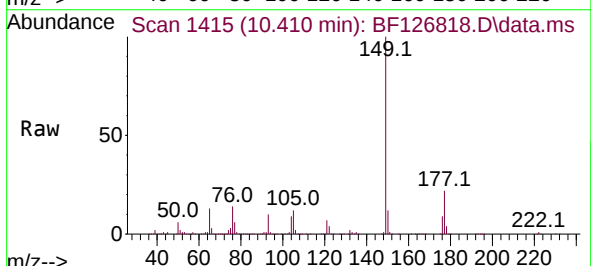
Tgt Ion:232 Resp: 242904
Ion Ratio Lower Upper
232 100
131 44.9 50.0 75.0
130 2.8 2.2 3.2
166 29.9 29.0 43.4

Manual Integrations
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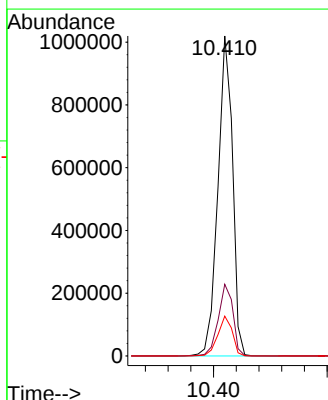
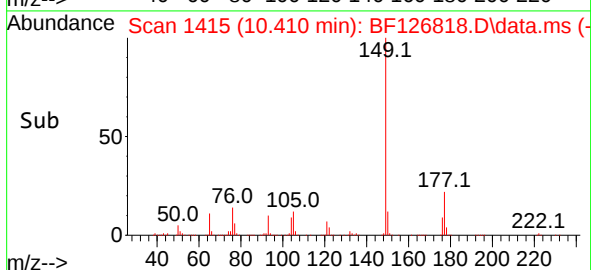
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

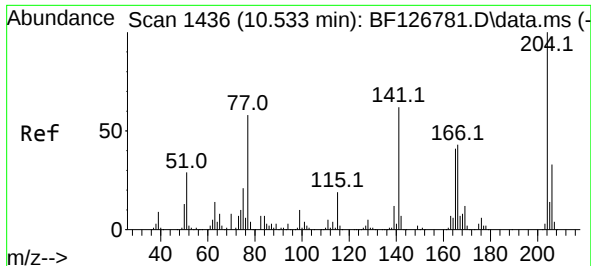


#60
Diethylphthalate
Concen: 44.157 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



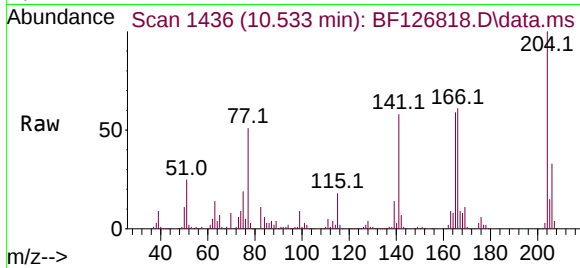
Tgt Ion:149 Resp: 914220
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.990 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

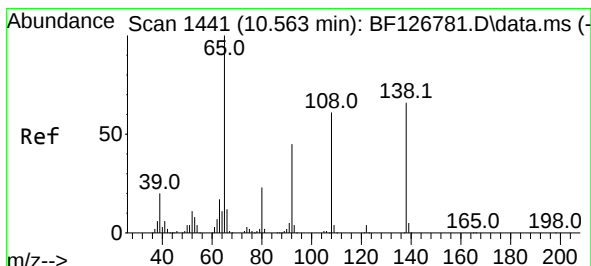
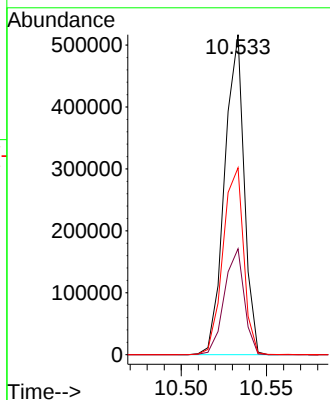
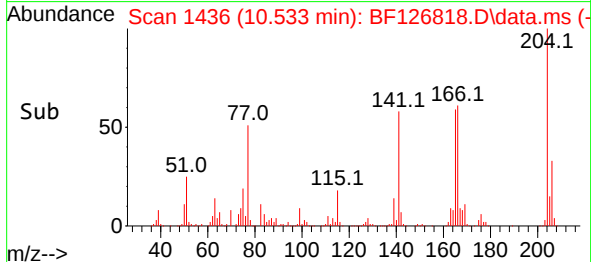
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:204 Resp: 41374
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 58.4 59.0 88.6

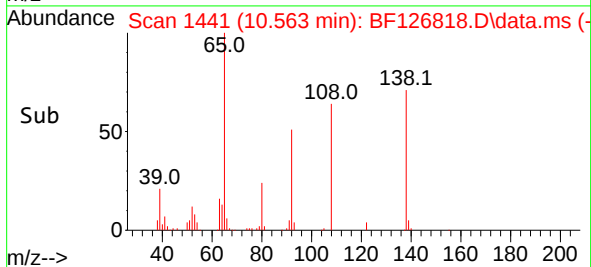
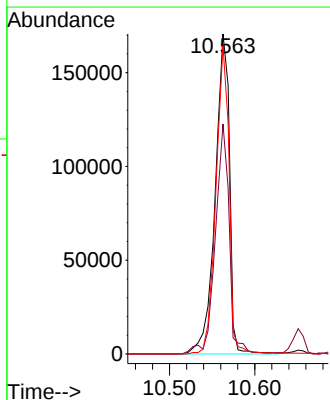
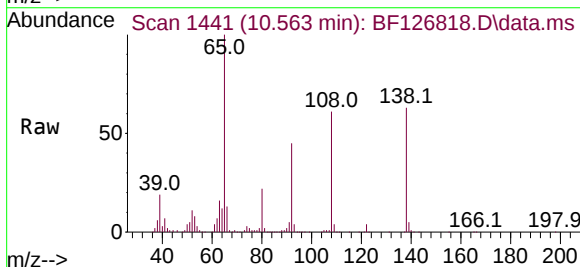
Manual Integrations
APPROVED

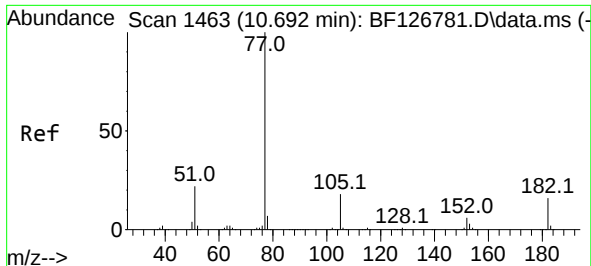
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#62
4-Nitroaniline
Concen: 42.586 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

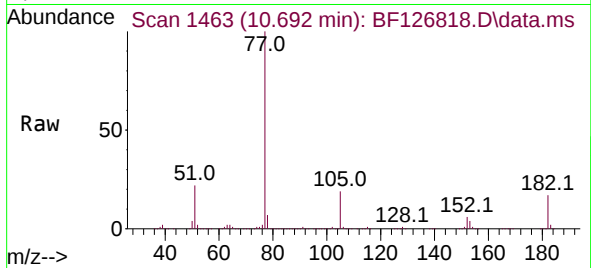
Tgt Ion:138 Resp: 199319
Ion Ratio Lower Upper
138 100
92 71.9 36.2 76.2
108 96.3 46.7 86.7





#63
Azobenzene
Concen: 43.995 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

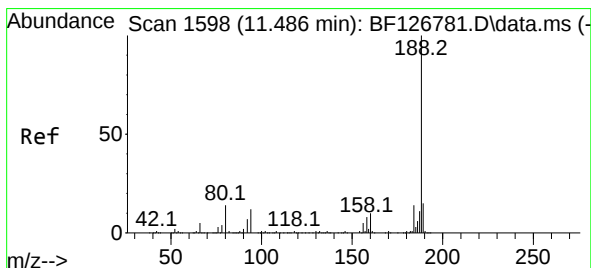
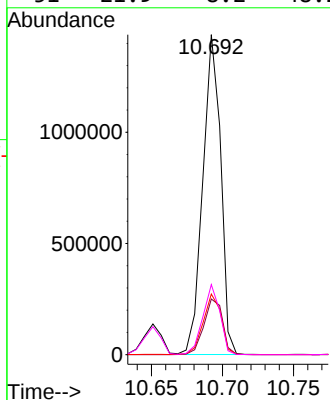
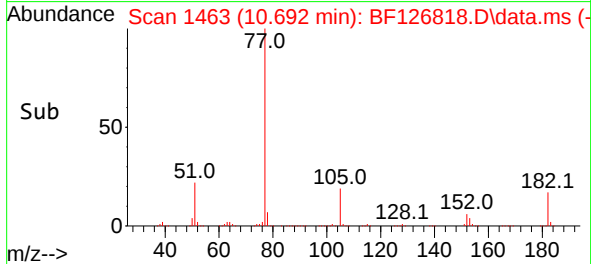
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion: 77 Resp: 126382
Ion Ratio Lower Upper
77 100
182 17.4 0.0 39.0
105 19.0 3.2 43.2
51 21.9 8.2 48.2

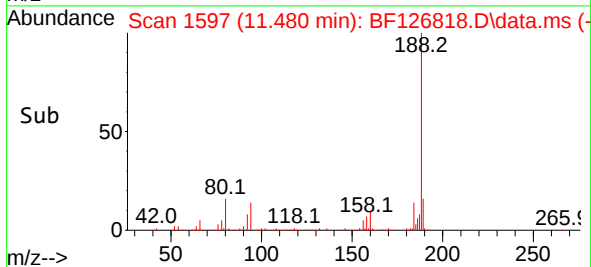
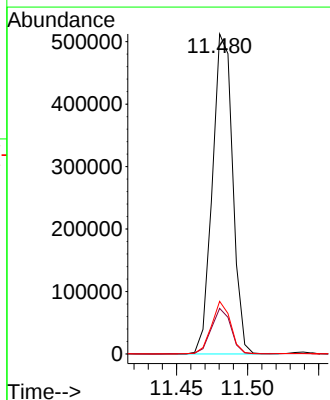
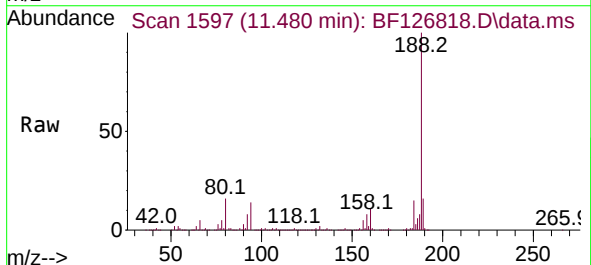
Manual Integrations
APPROVED

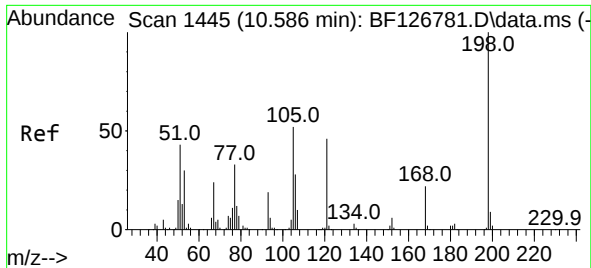
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion:188 Resp: 507915
Ion Ratio Lower Upper
188 100
94 14.3 10.1 15.1
80 16.4 11.8 17.6





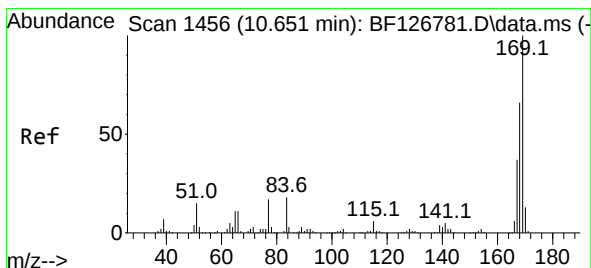
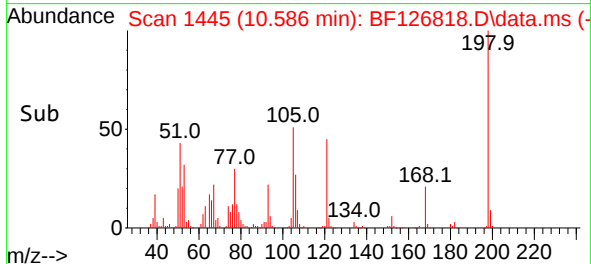
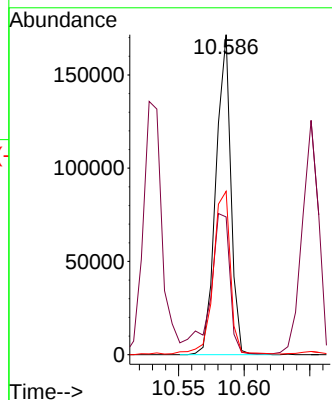
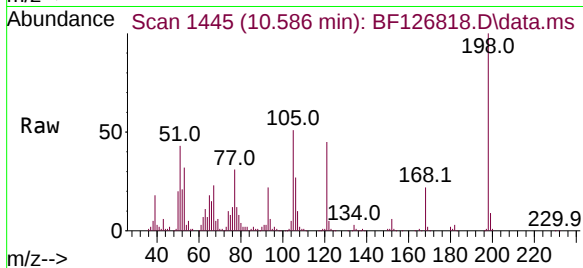
#65
4,6-Dinitro-2-methylphenol
Concen: 43.919 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:198 Resp: 13532
Ion Ratio Lower Upper
198 100
51 43.1 32.0 72.0
105 51.1 32.7 72.7

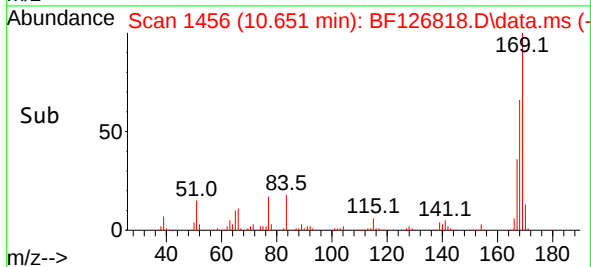
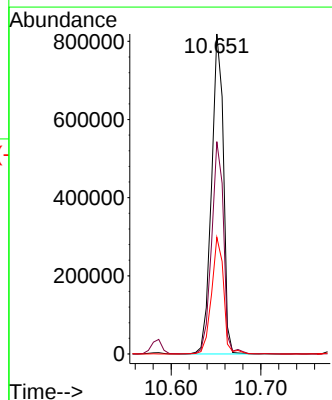
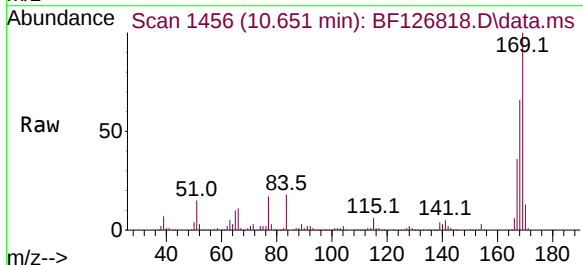
Manual Integrations
APPROVED

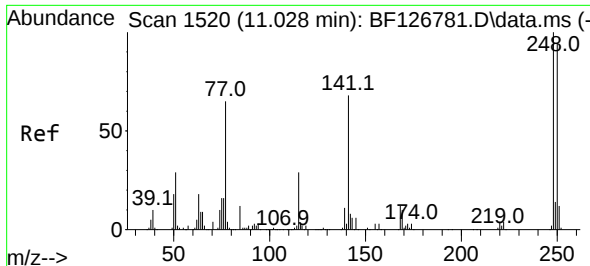
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#66
n-Nitrosodiphenylamine
Concen: 45.972 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

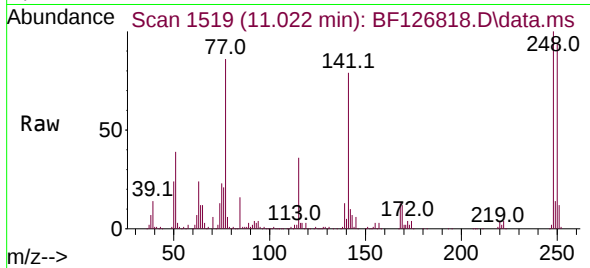
Tgt Ion:169 Resp: 750886
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.5 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.792 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

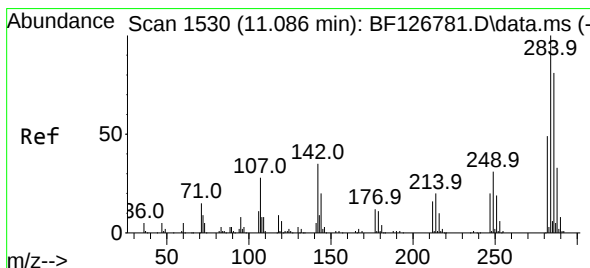
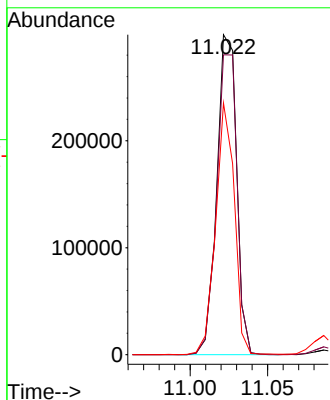
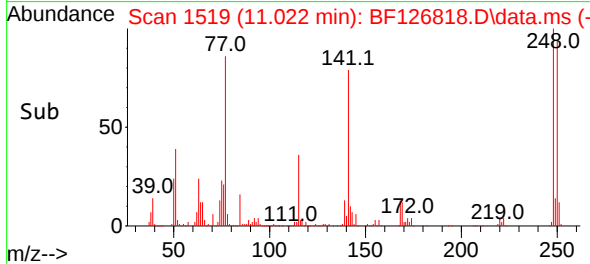
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



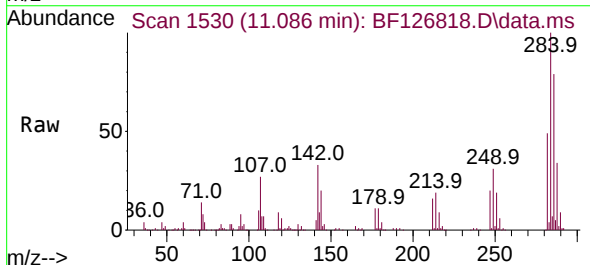
Tgt Ion:248 Resp: 26621
Ion Ratio Lower Upper
248 100
250 93.7 76.2 114.4
141 78.7 66.2 99.4

Manual Integrations
APPROVED

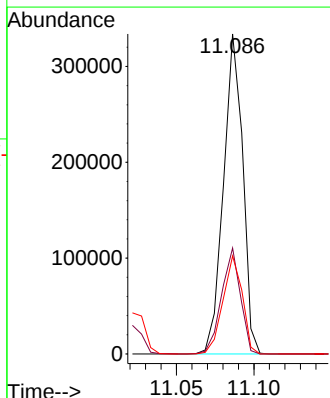
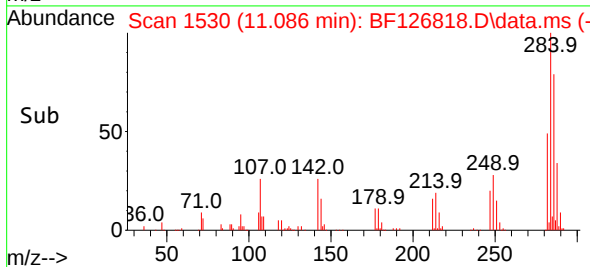
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

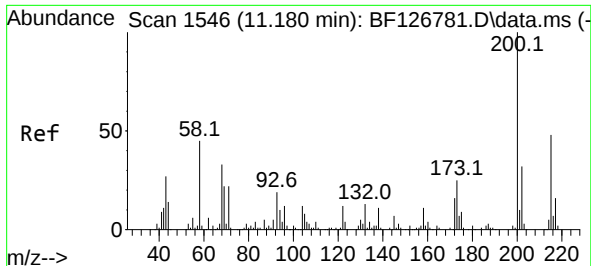


#68
Hexachlorobenzene
Concen: 45.261 ng
RT: 11.086 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



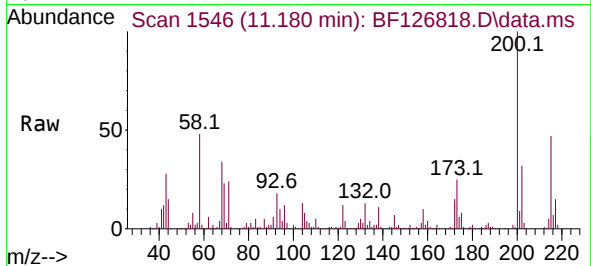
Tgt Ion:284 Resp: 287925
Ion Ratio Lower Upper
284 100
142 33.1 30.7 46.1
249 30.7 21.1 31.7





#69
 Atrazine
 Concen: 47.155 ng
 RT: 11.180 min Scan# 1546
 Delta R.T. -0.000 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32

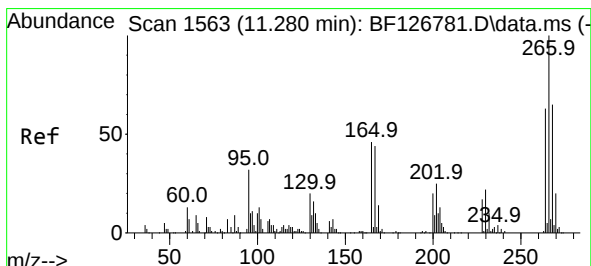
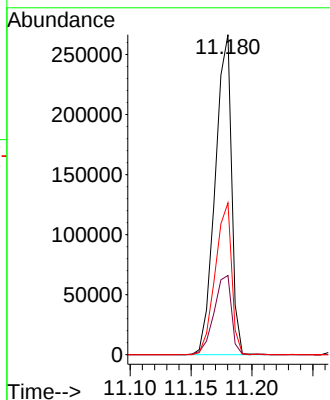
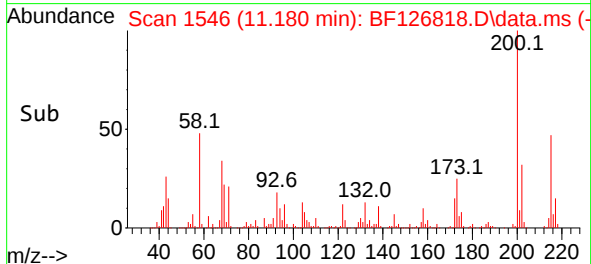
Instrument :
 BNA_F
 ClientSampleId :
 DB-09(25-30)-02-02-22MS



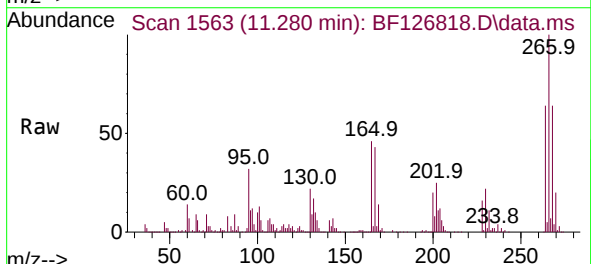
Tgt Ion:200 Resp: 24992
 Ion Ratio Lower Upper
 200 100
 173 24.8 9.2 49.2
 215 47.4 23.2 63.2

Manual Integrations
 APPROVED

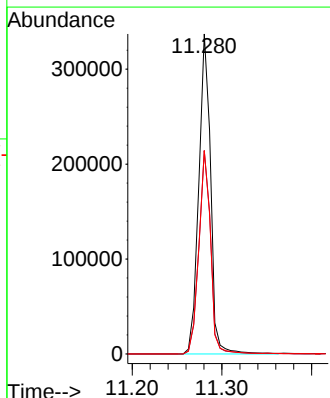
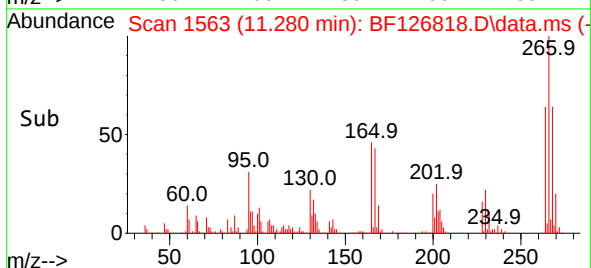
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

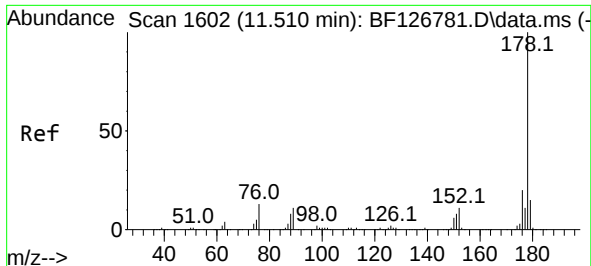


#70
 Pentachlorophenol
 Concen: 83.083 ng
 RT: 11.280 min Scan# 1563
 Delta R.T. -0.000 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32



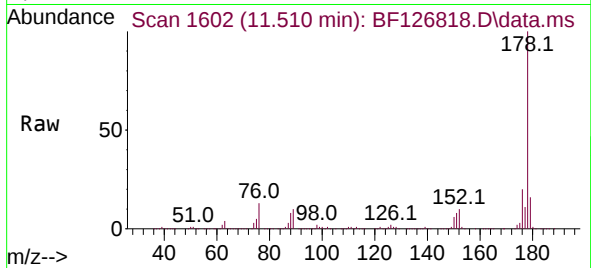
Tgt Ion:266 Resp: 308358
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.3 78.5
 264 63.6 50.4 75.6





#71
Phenanthrene
Concen: 44.044 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

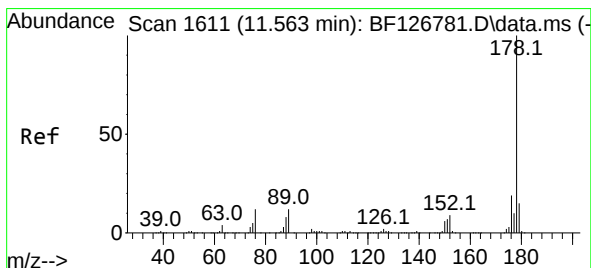
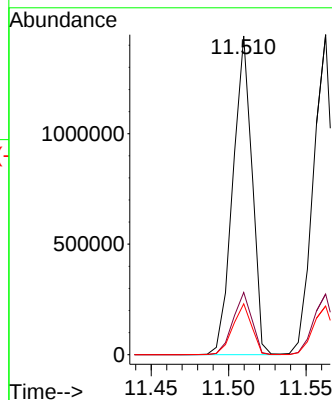
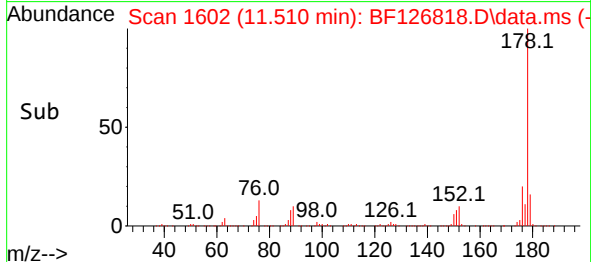
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



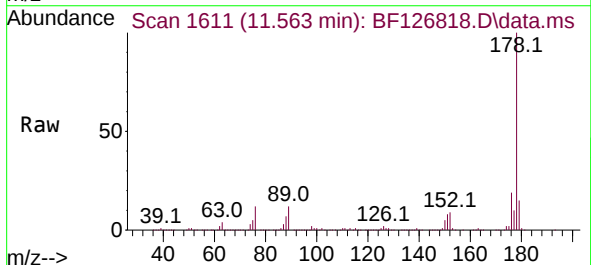
Tgt Ion:178 Resp: 123898
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.9 12.3 18.5

Manual Integrations
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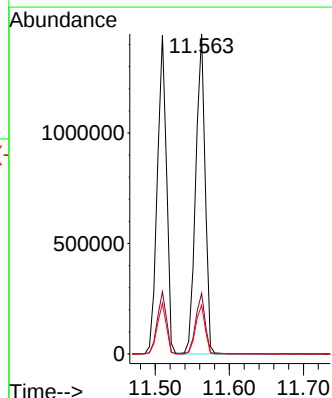
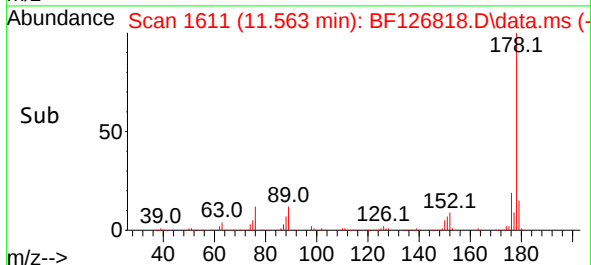
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

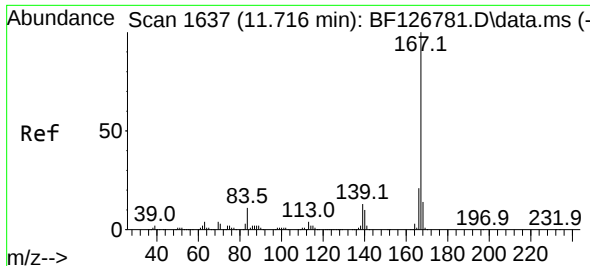


#72
Anthracene
Concen: 45.311 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



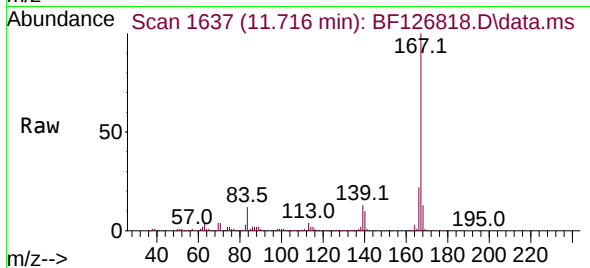
Tgt Ion:178 Resp: 1276632
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.2 12.5 18.7





#73
 Carbazole
 Concen: 41.165 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. -0.000 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32

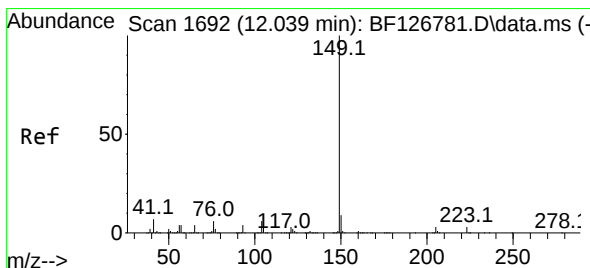
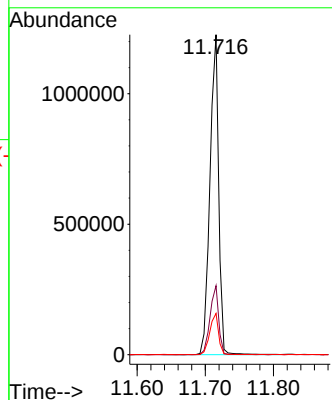
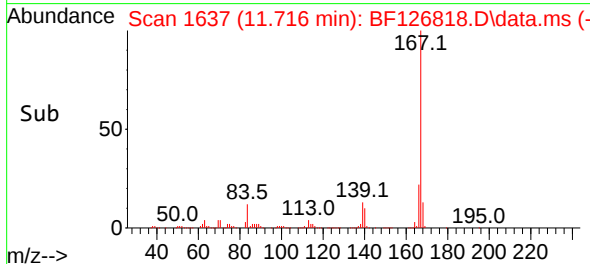
Instrument : BNA_F
 ClientSampleId : DB-09(25-30)-02-02-22MS



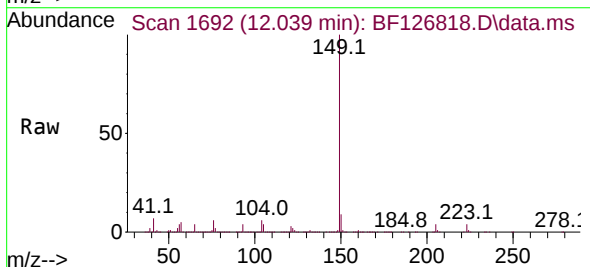
Tgt Ion:167 Resp: 109416
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 12.9 11.3 16.9

Manual Integrations
 APPROVED

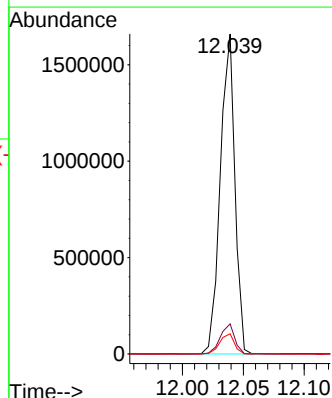
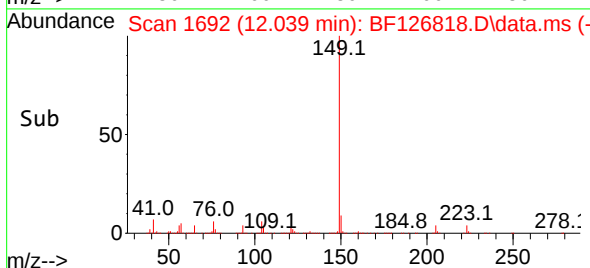
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

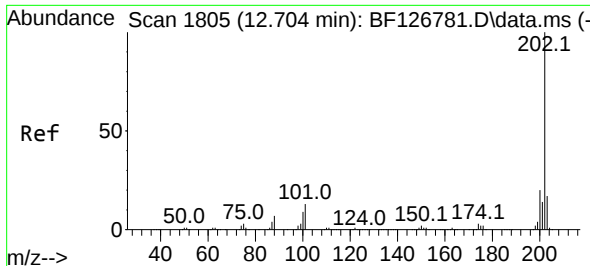


#74
 Di-n-butylphthalate
 Concen: 44.923 ng
 RT: 12.039 min Scan# 1692
 Delta R.T. -0.000 min
 Lab File: BF126818.D
 Acq: 04 Feb 2022 18:32



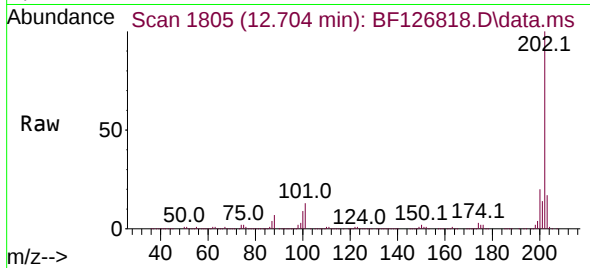
Tgt Ion:149 Resp: 1384400
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 6.3 4.2 6.2#





#75
Fluoranthene
Concen: 41.625 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

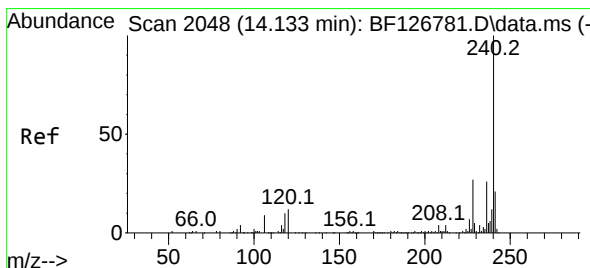
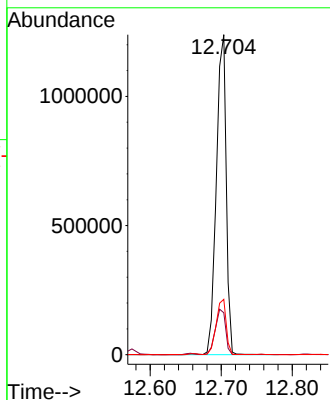
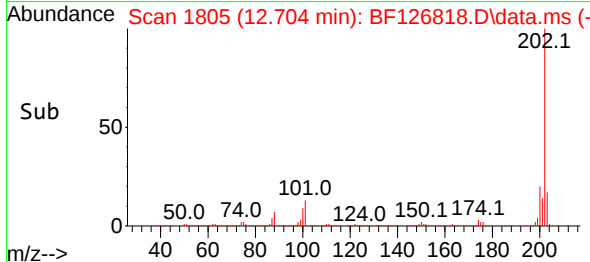
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



Tgt Ion:202 Resp: 1191020
Ion Ratio Lower Upper
202 100
101 13.1 0.0 35.7
203 17.3 0.0 37.1

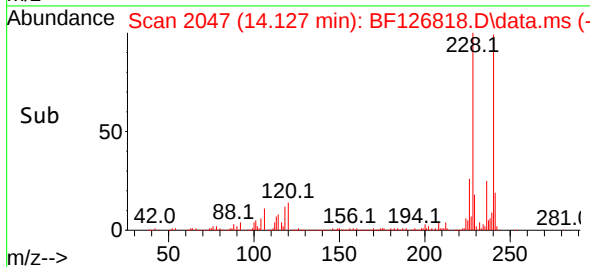
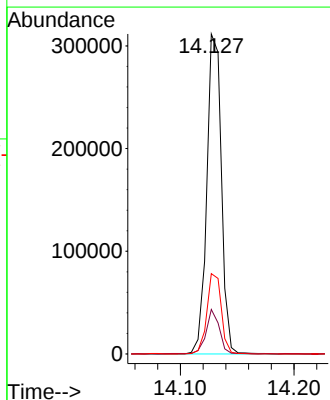
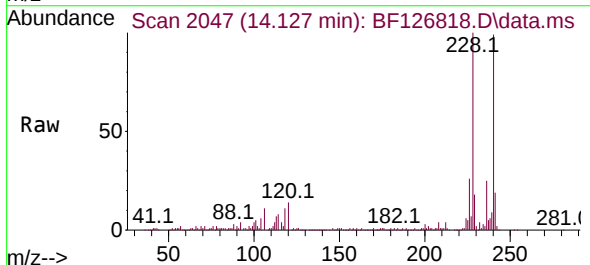
Manual Integrations
APPROVED

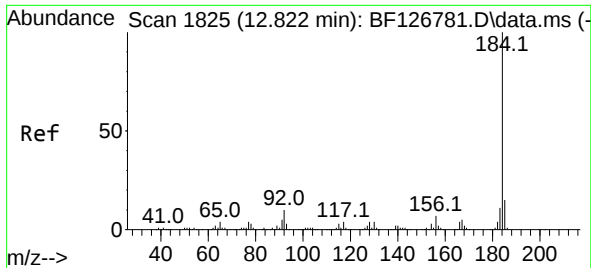
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

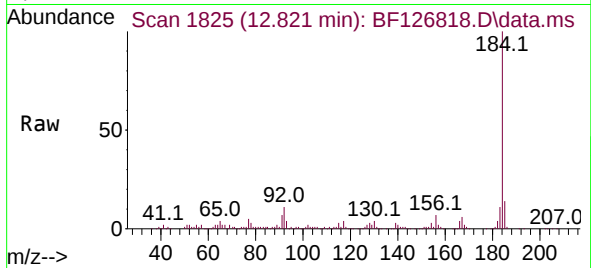
Tgt Ion:240 Resp: 277095
Ion Ratio Lower Upper
240 100
120 13.9 14.4 21.6#
236 25.1 20.5 30.7





#77
Benzidine
Concen: 38.100 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

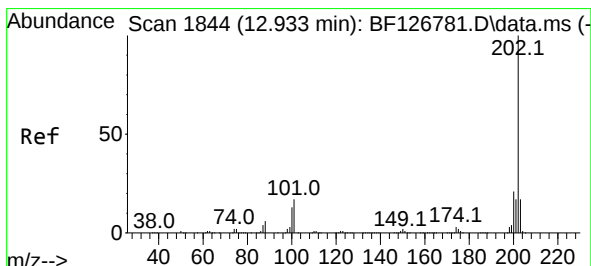
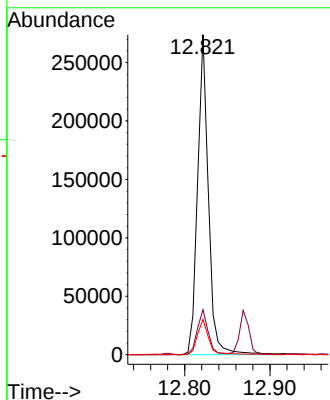
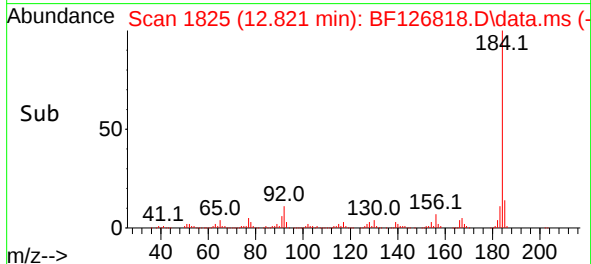
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MS



Tgt Ion:184 Resp: 24219
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.0 8.2 12.2

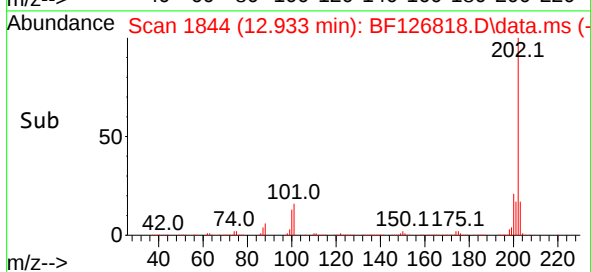
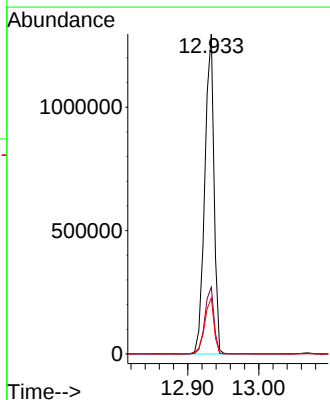
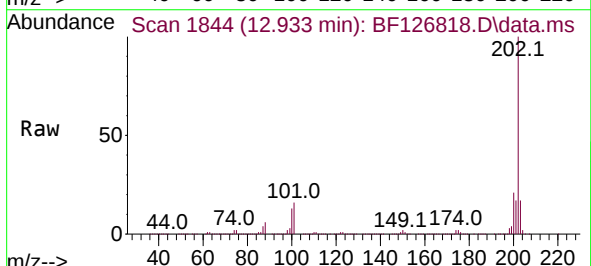
Manual Integrations
APPROVED

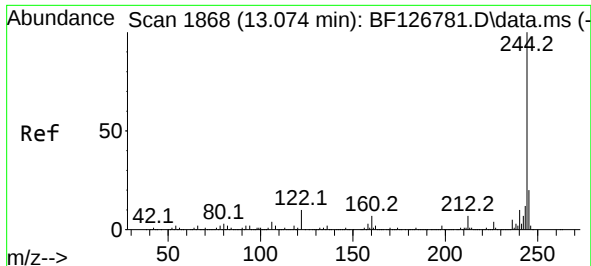
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#78
Pyrene
Concen: 53.031 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

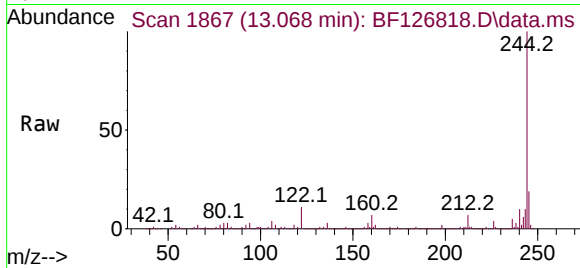
Tgt Ion:202 Resp: 1174356
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.5 13.8 20.8





#79
Terphenyl-d14
Concen: 77.108 ng
RT: 13.068 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

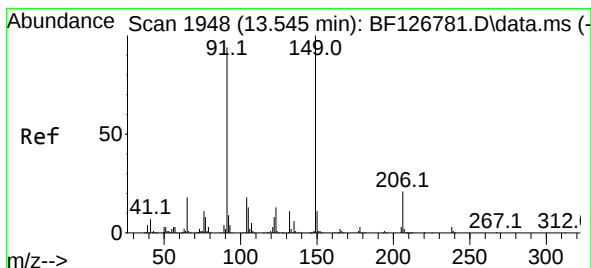
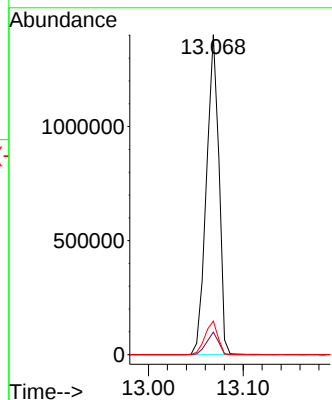
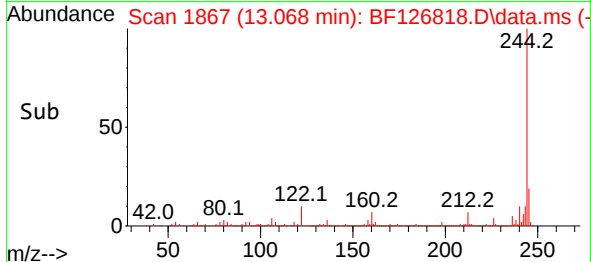
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



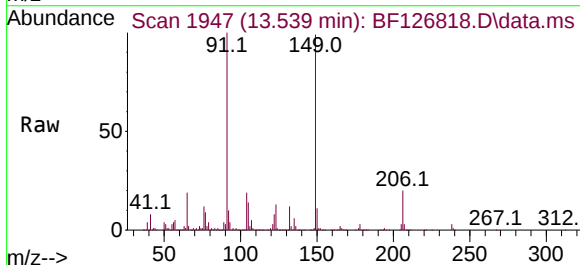
Tgt Ion:244 Resp: 1277240
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 10.5 13.3 19.9

Manual Integrations
APPROVED

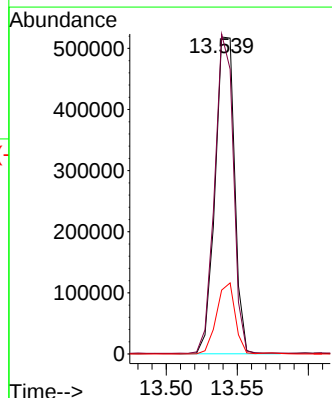
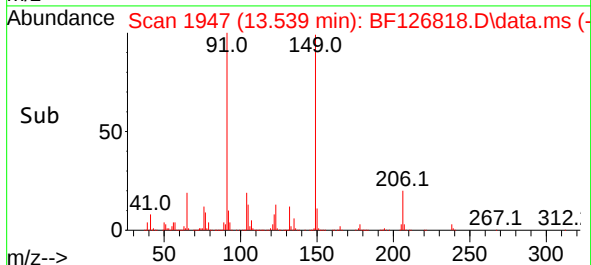
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

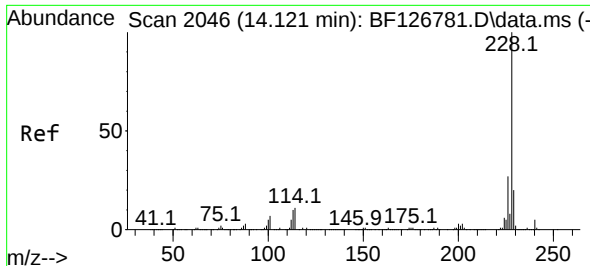


#80
Butylbenzylphthalate
Concen: 53.536 ng
RT: 13.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



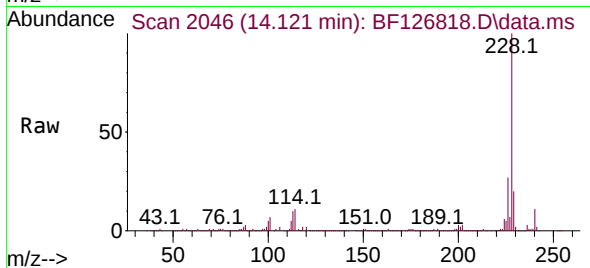
Tgt Ion:149 Resp: 491905
Ion Ratio Lower Upper
149 100
91 101.0 70.5 105.7
206 20.2 12.6 19.0





#81
Benzo(a)anthracene
Concen: 46.162 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

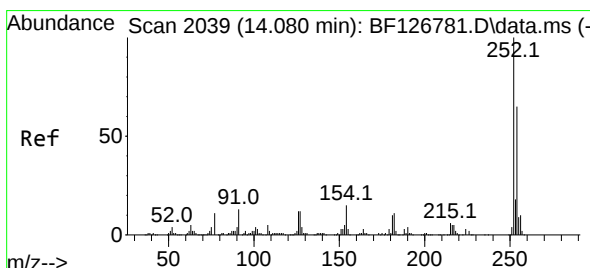
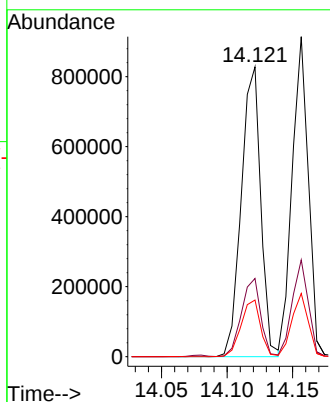
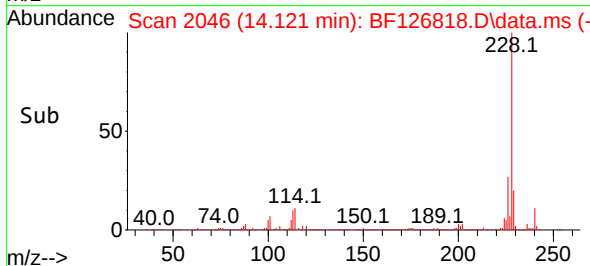
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MS



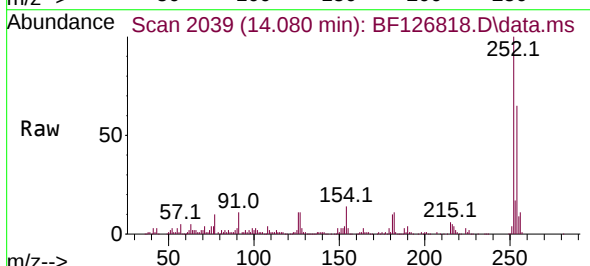
Tgt Ion:228 Resp: 853510
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.6 15.4 23.2

Manual Integrations
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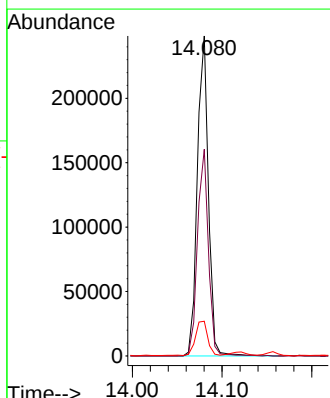
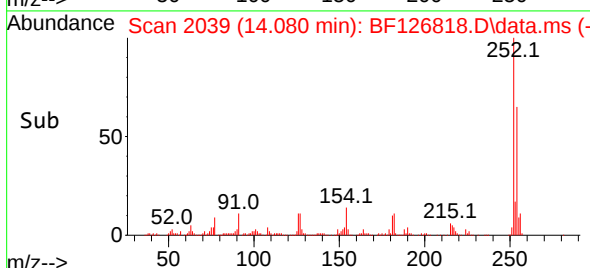
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

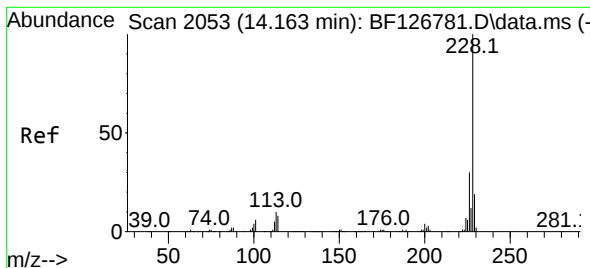


#82
3,3'-Dichlorobenzidine
Concen: 40.089 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



Tgt Ion:252 Resp: 212279
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 10.8 13.4 20.0#





#83

Chrysene

Concen: 44.986 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF126818.D

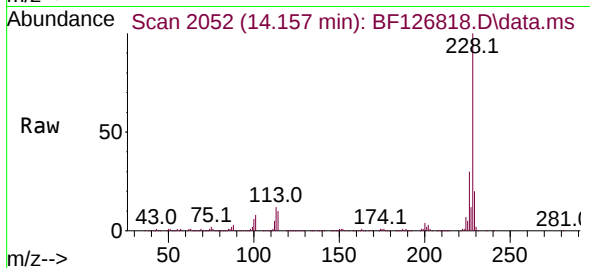
Acq: 04 Feb 2022 18:32

Instrument :

BNA_F

ClientSampleId :

DB-09(25-30)-02-02-22MS



Tgt Ion:228 Resp: 787540

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

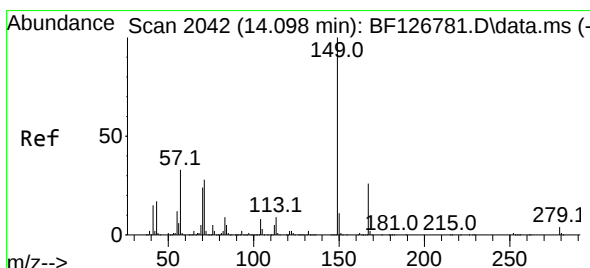
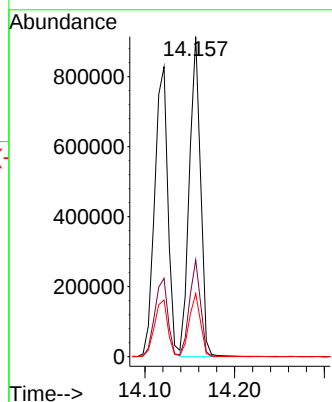
229 19.8 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.410 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF126818.D

Acq: 04 Feb 2022 18:32

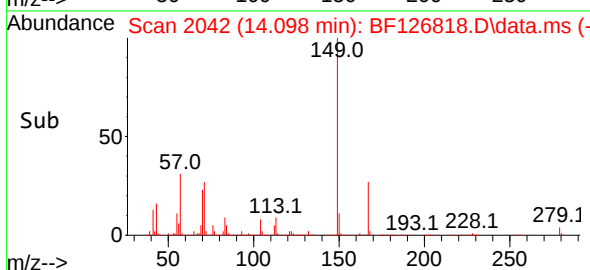
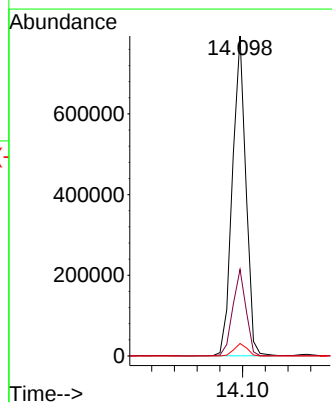
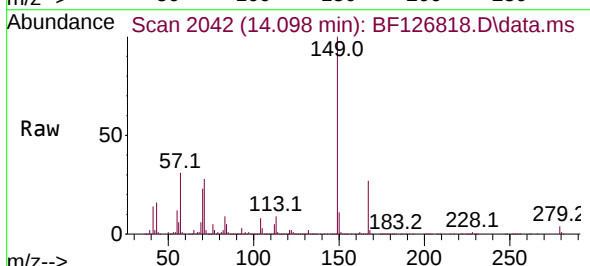
Tgt Ion:149 Resp: 650447

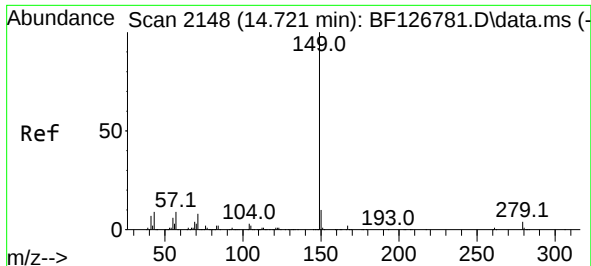
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

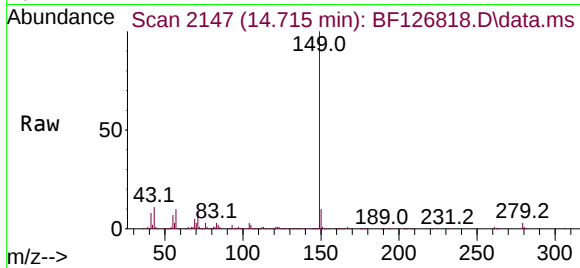
279 3.9 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 52.248 ng
RT: 14.715 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

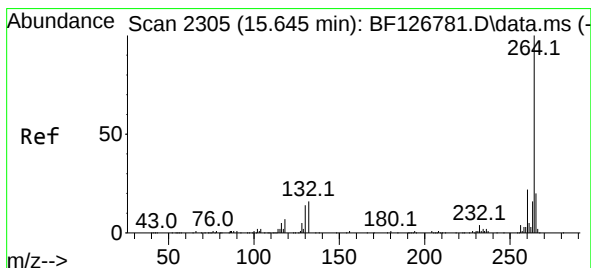
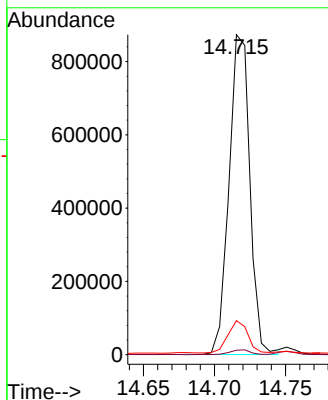
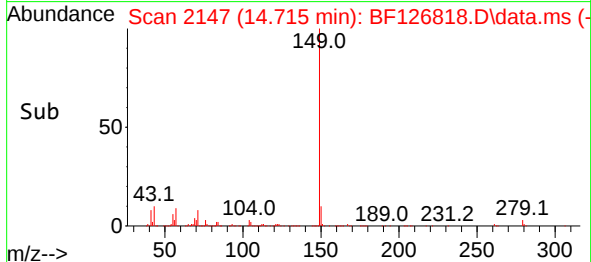
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MS



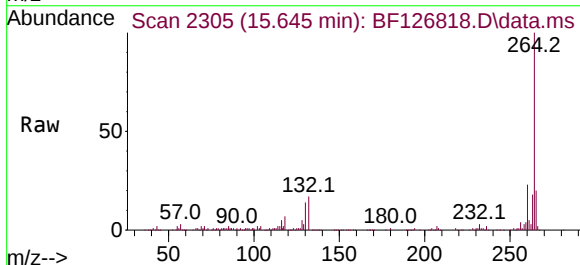
Tgt Ion:149 Resp: 890600
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 9.5 9.9 14.9

Manual Integrations
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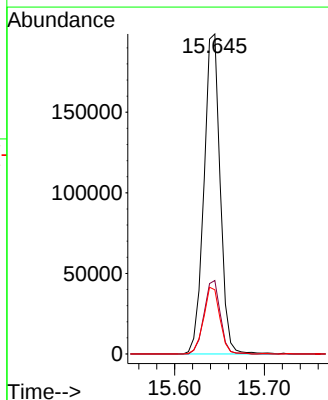
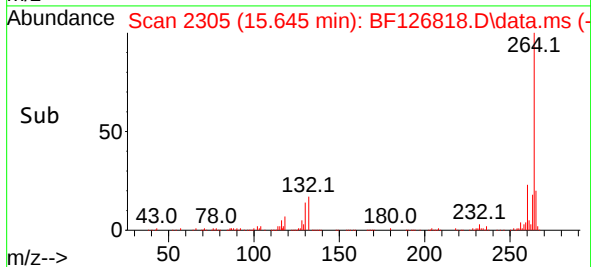
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

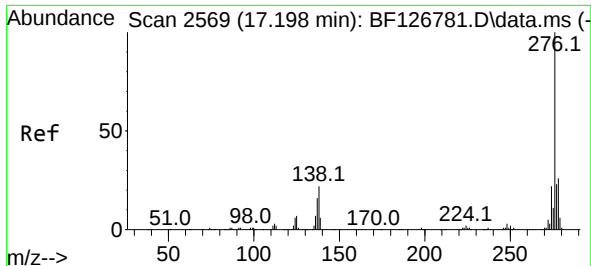


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



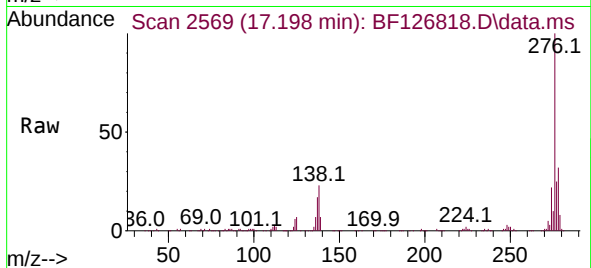
Tgt Ion:264 Resp: 248903
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.347 ng
RT: 17.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

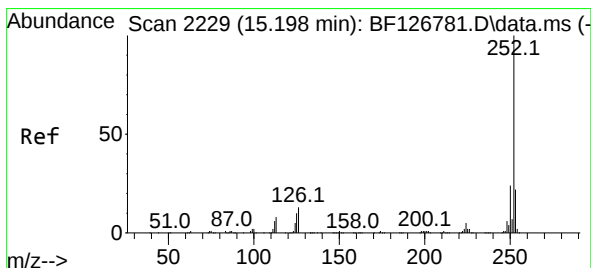
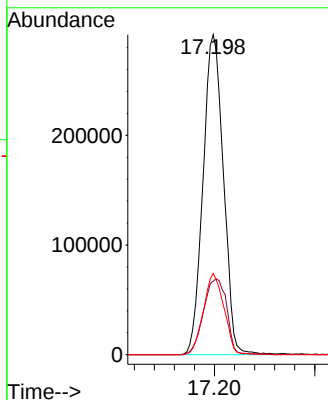
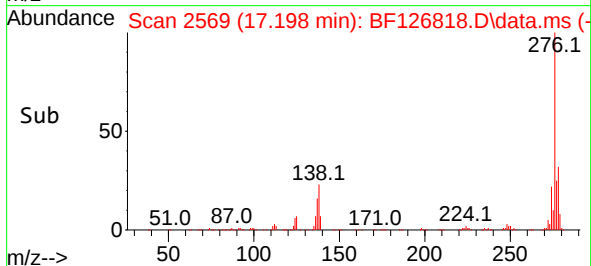
Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MS



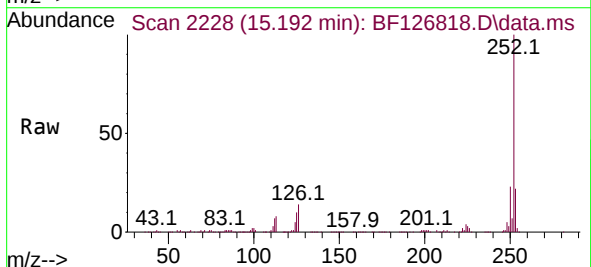
Tgt Ion:276 Resp: 82505
Ion Ratio Lower Upper
276 100
138 26.8 29.2 43.8
277 25.3 19.8 29.8

Manual Integrations
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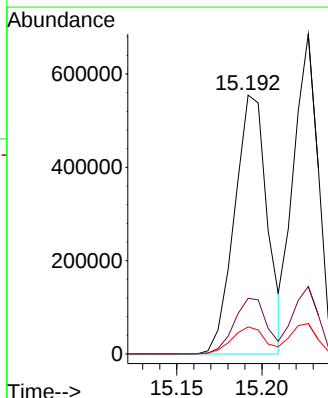
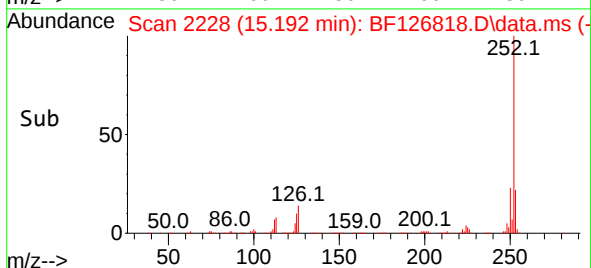
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

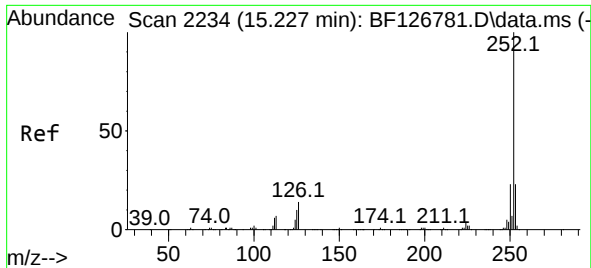


#88
Benzo(b)fluoranthene
Concen: 45.556 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32



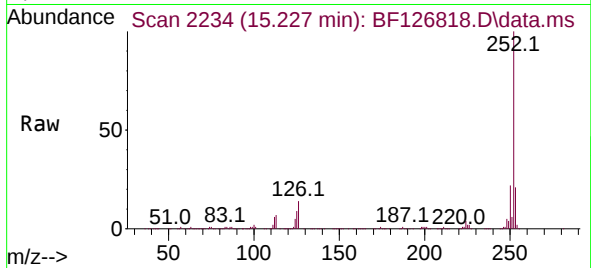
Tgt Ion:252 Resp: 741432
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.4 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 43.065 ng
RT: 15.227 min Scan# 2234
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

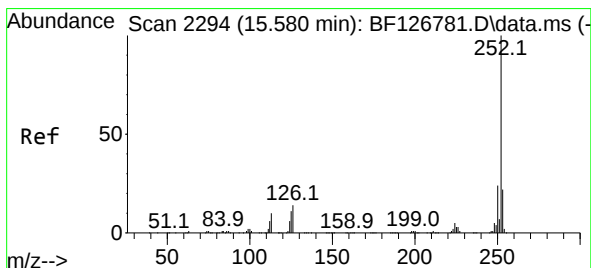
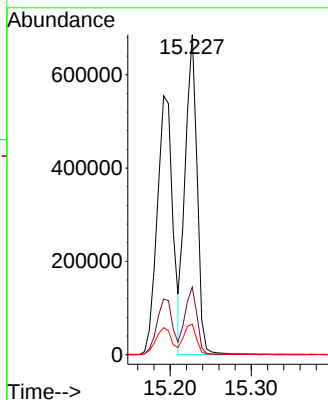
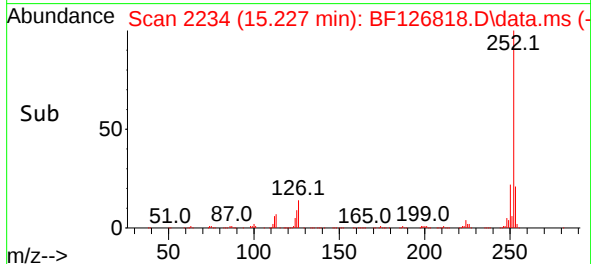
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MS



Tgt Ion:252 Resp: 699150
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 9.5 11.8 17.6

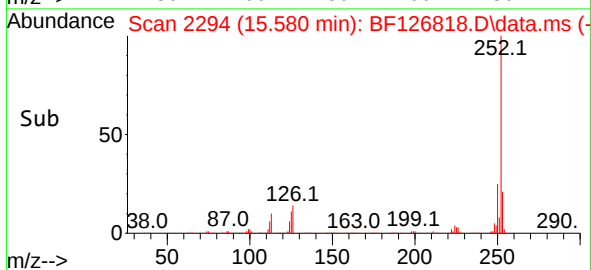
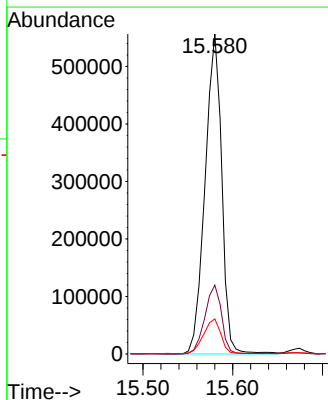
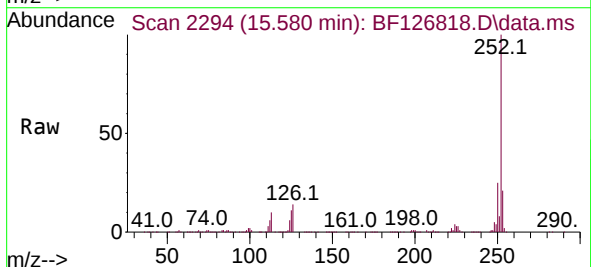
Manual Integrations
APPROVED

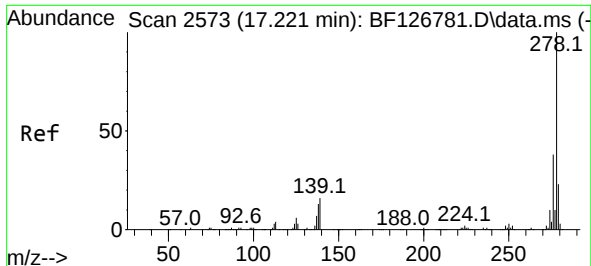
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#90
Benzo(a)pyrene
Concen: 55.321 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

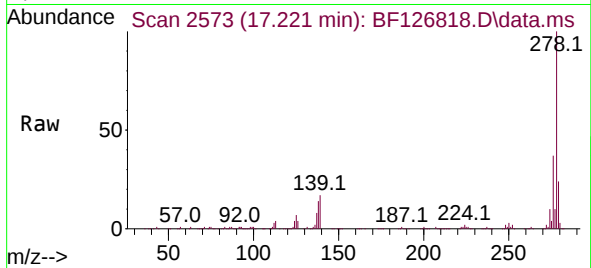
Tgt Ion:252 Resp: 717714
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 11.0 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 56.504 ng
RT: 17.221 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

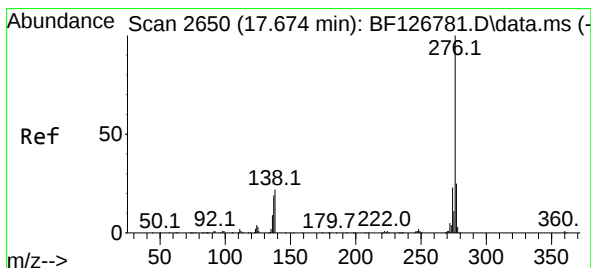
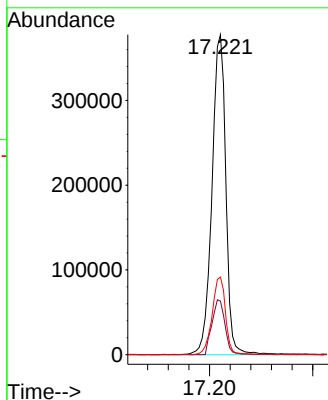
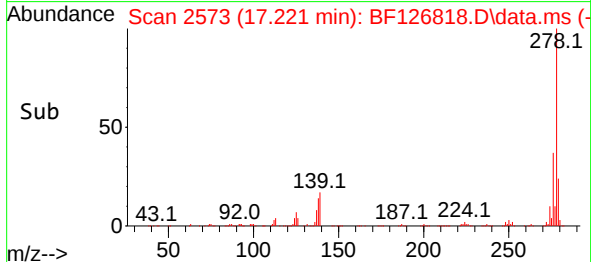
Instrument : BNA_F
ClientSampleId : DB-09(25-30)-02-02-22MS



Tgt Ion:278 Resp: 702629
Ion Ratio Lower Upper
278 100
139 16.8 18.0 27.0
279 24.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#92
Benzo(g,h,i)perylene
Concen: 57.679 ng
RT: 17.674 min Scan# 2650
Delta R.T. -0.000 min
Lab File: BF126818.D
Acq: 04 Feb 2022 18:32

Tgt Ion:276 Resp: 708423
Ion Ratio Lower Upper
276 100
277 23.6 18.5 27.7
138 23.1 25.9 38.9

