

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127416.D
 Acq On : 21 Mar 2022 18:39
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 22 01:24:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 01:16:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92787	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	328247	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	186412	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	330054	20.000	ng	0.00
76) Chrysene-d12	14.027	240	238811	20.000	ng	0.00
86) Perylene-d12	15.504	264	154108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	251733	43.613	ng	0.00
7) Phenol-d6	6.481	99	340899	42.934	ng	0.00
23) Nitrobenzene-d5	7.416	82	324695	40.851	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	79958	39.845	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	550400	41.744	ng	0.00
79) Terphenyl-d14	12.963	244	593692	42.808	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	49947	16.689	ng	97
3) Pyridine	3.375	79	150522	18.900	ng	96
4) n-Nitrosodimethylamine	3.334	42	83333	18.886	ng	95
6) Aniline	6.516	93	200450	21.124	ng	98
8) 2-Chlorophenol	6.634	128	128667	21.548	ng	98
9) Benzaldehyde	6.404	77	102773	22.204	ng	93
10) Phenol	6.493	94	190409	21.830	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	136353	21.051	ng	97
12) 1,3-Dichlorobenzene	6.787	146	140568	20.972	ng	97
13) 1,4-Dichlorobenzene	6.863	146	144899	21.549	ng	97
14) 1,2-Dichlorobenzene	7.016	146	136939	21.639	ng	97
15) Benzyl Alcohol	6.992	79	124569	20.931	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	243817	20.058	ng	97
17) 2-Methylphenol	7.104	107	109186	21.510	ng	98
18) Hexachloroethane	7.357	117	52086	20.165	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	101470	20.479	ng	98
20) 3+4-Methylphenols	7.257	107	136495	20.734	ng	95
22) Acetophenone	7.257	105	180048	20.034	ng	99
24) Nitrobenzene	7.434	77	153756	20.453	ng	99
25) Isophorone	7.669	82	253147	19.807	ng	99
26) 2-Nitrophenol	7.751	139	63572	20.420	ng	96
27) 2,4-Dimethylphenol	7.787	122	98530	21.083	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	166967	20.618	ng	99
29) 2,4-Dichlorophenol	7.992	162	111246	20.785	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	127837	20.951	ng	98
31) Naphthalene	8.151	128	375733	21.458	ng	100
32) Benzoic acid	7.910	122	39904m	13.760	ng	
33) 4-Chloroaniline	8.204	127	143855	21.195	ng	98
34) Hexachlorobutadiene	8.263	225	81655	20.068	ng	99
35) Caprolactam	8.575	113	32660	20.427	ng	91
36) 4-Chloro-3-methylphenol	8.687	107	118246	20.384	ng	97
37) 2-Methylnaphthalene	8.845	142	240887	21.054	ng	99
38) 1-Methylnaphthalene	8.945	142	234606	21.329	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	126936	21.510	ng	99
41) Hexachlorocyclopentadiene	8.992	237	18593	8.966	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	76639	20.577	ng	99

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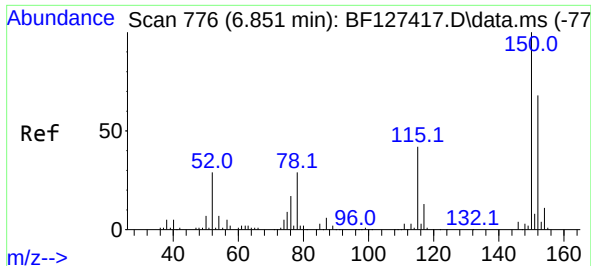
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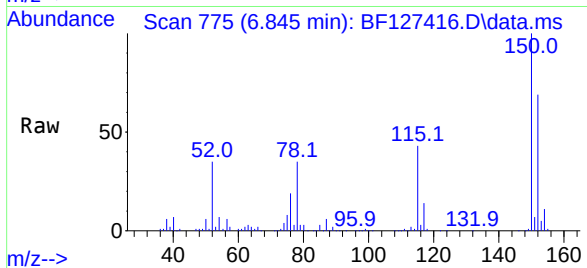
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	79672	20.155	ng	99
46) 1,1'-Biphenyl	9.304	154	294150	20.907	ng	99
47) 2-Chloronaphthalene	9.334	162	237376	21.674	ng	99
48) 2-Nitroaniline	9.439	65	88220	20.936	ng	95
49) Acenaphthylene	9.751	152	360516	21.510	ng	99
50) Dimethylphthalate	9.604	163	267177	20.002	ng	98
51) 2,6-Dinitrotoluene	9.675	165	57356	21.227	ng	98
52) Acenaphthene	9.922	154	207971	20.817	ng	95
53) 3-Nitroaniline	9.851	138	62225	21.133	ng	99
54) 2,4-Dinitrophenol	9.969	184	17229	12.940	ng	93
55) Dibenzofuran	10.092	168	332045	21.394	ng	100
56) 4-Nitrophenol	10.022	139	29471	16.467	ng	91
57) 2,4-Dinitrotoluene	10.081	165	73808	20.761	ng	98
58) Fluorene	10.439	166	251678	20.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	66813	20.339	ng	96
60) Diethylphthalate	10.304	149	241203	19.796	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	134756	20.661	ng	97
62) 4-Nitroaniline	10.463	138	58182	19.829	ng	99
63) Azobenzene	10.586	77	285625	20.393	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	40445m	19.875	ng	
66) n-Nitrosodiphenylamine	10.545	169	213743	20.852	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	82003	20.611	ng	# 92
68) Hexachlorobenzene	10.980	284	89426	20.624	ng	93
69) Atrazine	11.075	200	73469	20.771	ng	99
70) Pentachlorophenol	11.186	266	23854m	13.625	ng	
71) Phenanthrene	11.404	178	368984	21.178	ng	100
72) Anthracene	11.457	178	370033	21.445	ng	98
73) Carbazole	11.616	167	351674	21.643	ng	99
74) Di-n-butylphthalate	11.933	149	362015	19.048	ng	98
75) Fluoranthene	12.592	202	406483	20.866	ng	99
77) Benzidine	12.716	184	132559	21.828	ng	99
78) Pyrene	12.822	202	413125	22.210	ng	99
80) Butylbenzylphthalate	13.433	149	139095	19.430	ng	96
81) Benzo(a)anthracene	14.016	228	329357	20.483	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	101027	20.207	ng	97
83) Chrysene	14.051	228	316506	21.163	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	164209	17.040	ng	99
85) Di-n-octyl phthalate	14.598	149	205250	14.072	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	224033	24.132	ng	99
88) Benzo(b)fluoranthene	15.068	252	208456	20.607	ng	98
89) Benzo(k)fluoranthene	15.098	252	222788	23.423	ng	99
90) Benzo(a)pyrene	15.439	252	168928	21.207	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	186031	24.076	ng	98
92) Benzo(g,h,i)perylene	17.451	276	190785	25.313	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

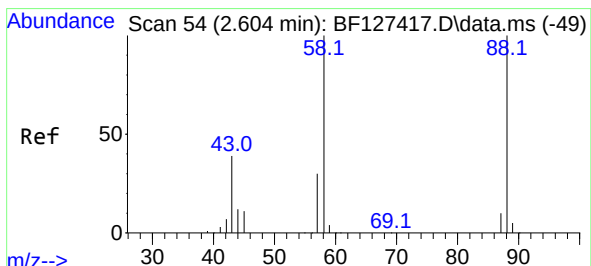
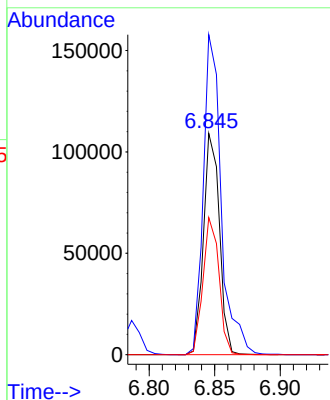
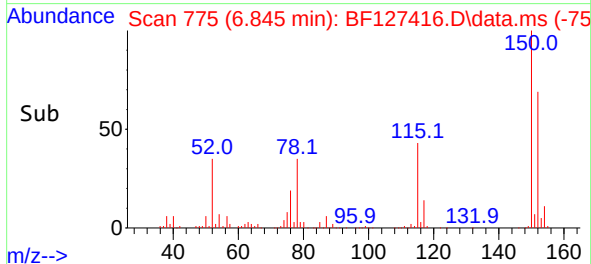
Instrument :
BNA_F
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SSTDICC020



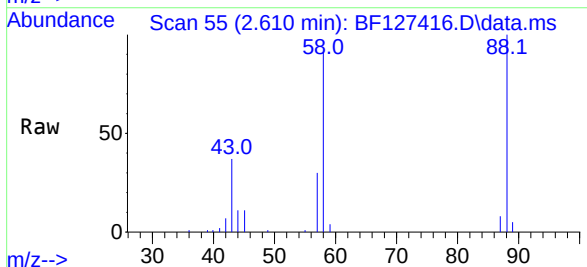
Tgt Ion:152 Resp: 9278
Ion Ratio Lower Upper
152 100
150 144.6 117.2 175.8
115 62.0 49.8 74.6

Manual Integrations
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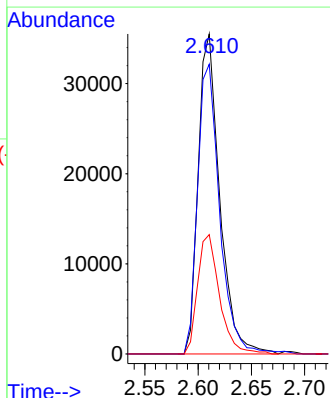
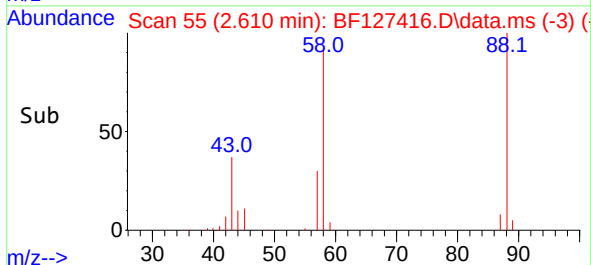
Reviewed By :Christian Giraldo 03/22/2022
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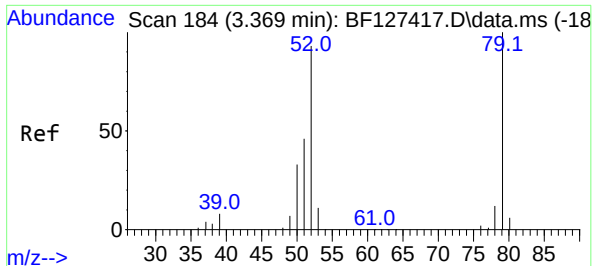


#2
1,4-Dioxane
Concen: 16.689 ng
RT: 2.610 min Scan# 55
Delta R.T. 0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion: 88 Resp: 49947
Ion Ratio Lower Upper
88 100
58 93.2 77.0 115.4
43 38.0 31.3 46.9





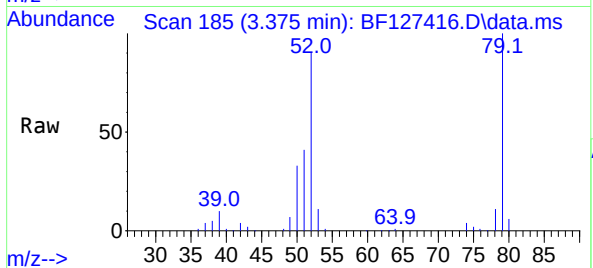
#3
Pyridine
Concen: 18.900 ng
RT: 3.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

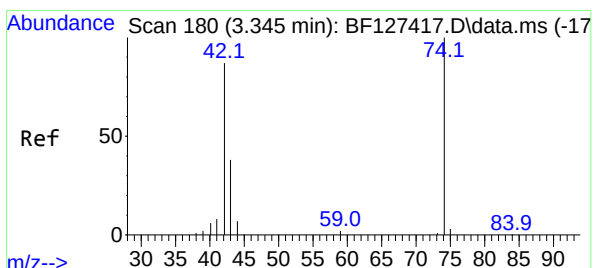
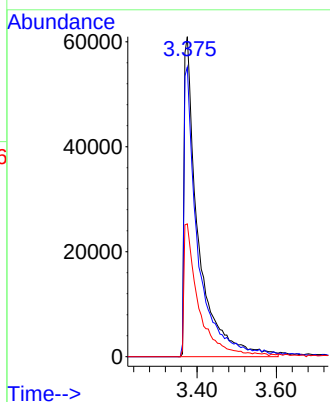
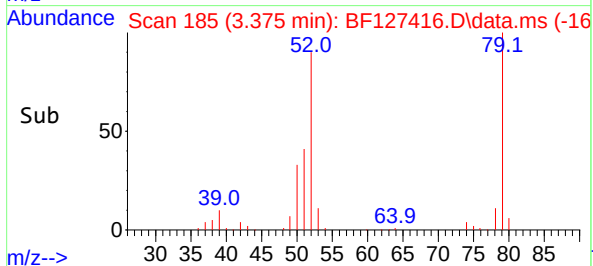


Tgt Ion: 79 Resp: 15052
Ion Ratio Lower Upper
79 100
52 90.5 74.2 111.4
51 41.5 36.7 55.1

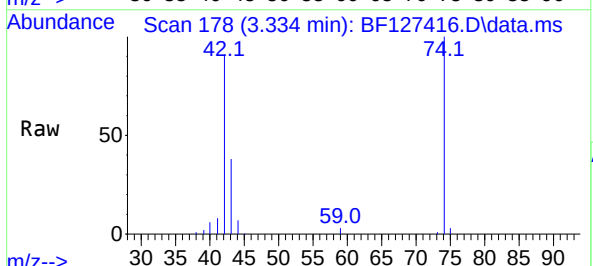
Manual Integrations

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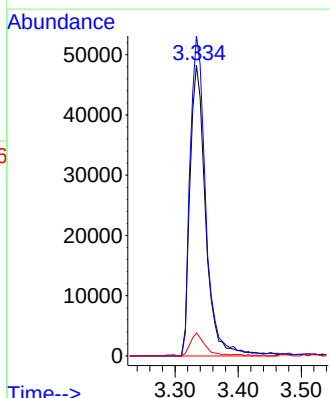
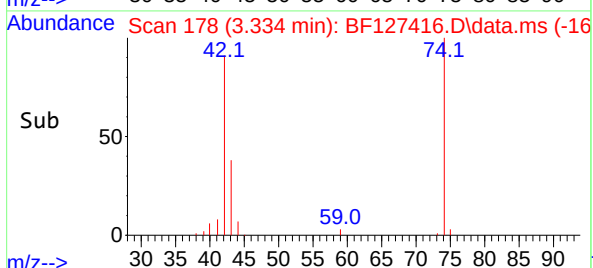
Reviewed By :Christian Giraldo 03/22/2022
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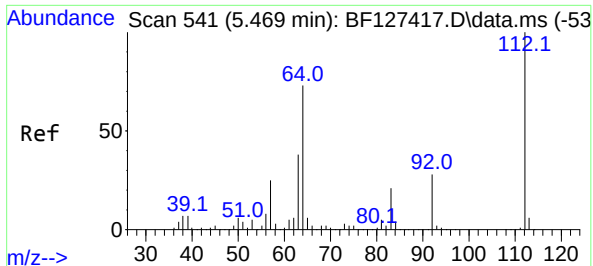


#4
n-Nitrosodimethylamine
Concen: 18.886 ng
RT: 3.334 min Scan# 178
Delta R.T. -0.012 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion: 42 Resp: 83333
Ion Ratio Lower Upper
42 100
74 110.0 92.4 138.6
44 7.9 6.0 9.0





#5
2-Fluorophenol
Concen: 43.613 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

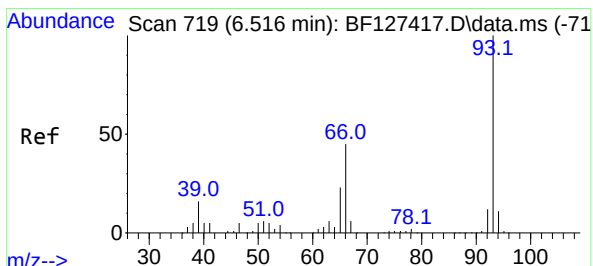
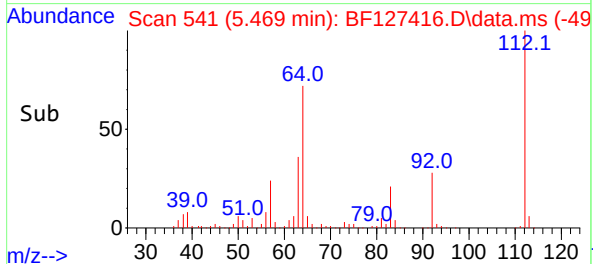
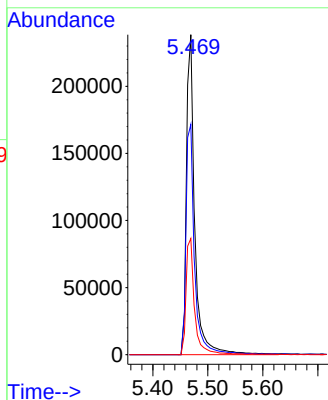
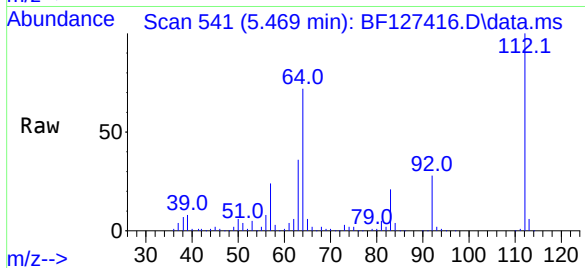
SSTDICC020

Tgt Ion:112 Resp: 25173
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 36.3 30.1 45.1

Manual Integrations

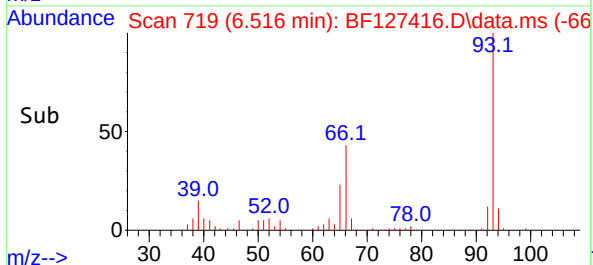
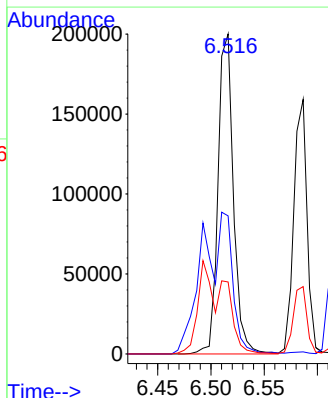
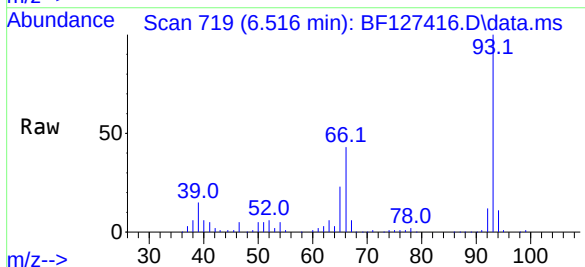
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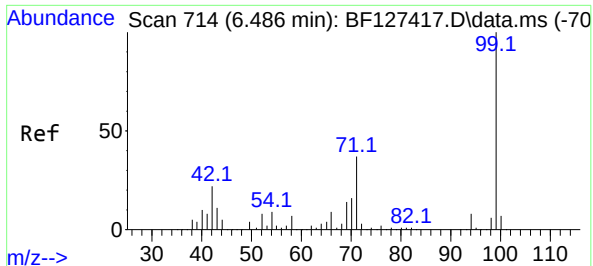
Reviewed By :Christian Giraldo 03/22/2022
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#6
Aniline
Concen: 21.124 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

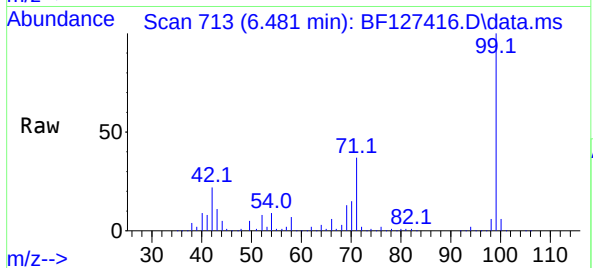
Tgt Ion: 93 Resp: 200450
Ion Ratio Lower Upper
93 100
66 43.2 36.2 54.4
65 22.5 18.4 27.6





#7
Phenol-d6
Concen: 42.934 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

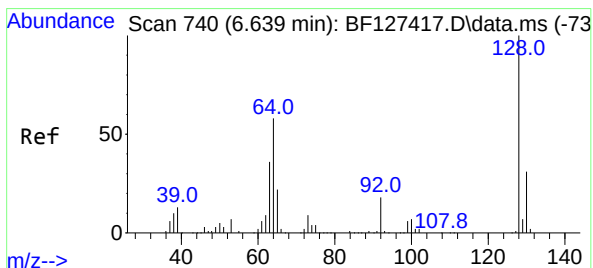
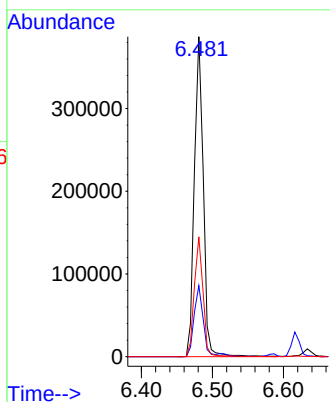
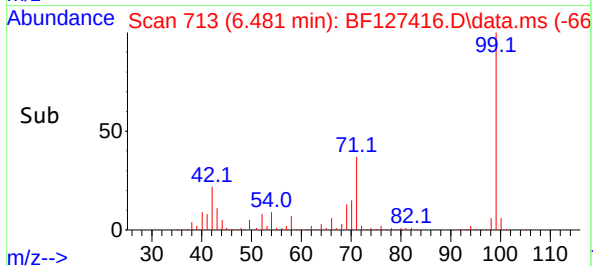
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



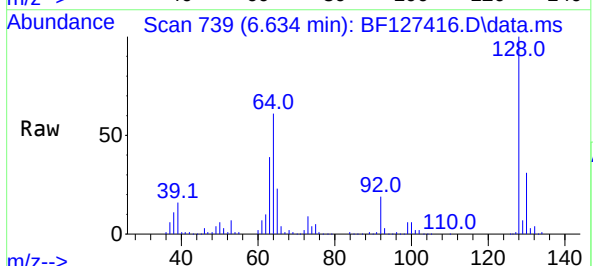
Tgt Ion: 99 Resp: 340899
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.4 29.6 44.4

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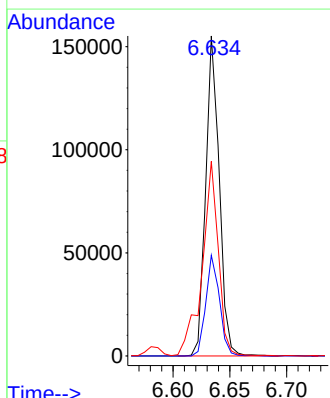
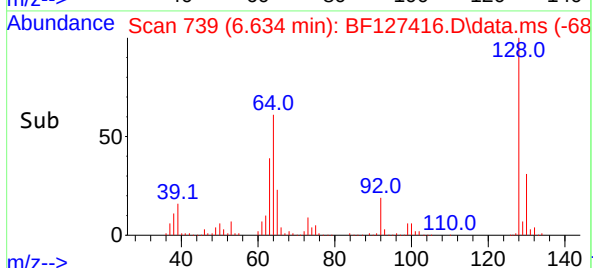
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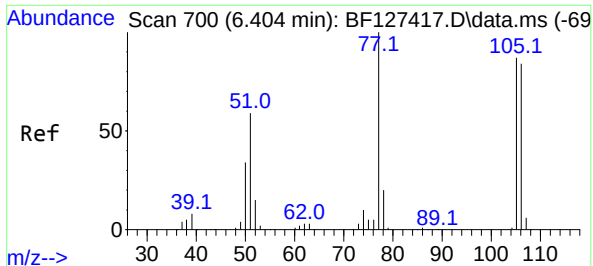


#8
2-Chlorophenol
Concen: 21.548 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:128 Resp: 128667
Ion Ratio Lower Upper
128 100
130 31.4 11.3 51.3
64 60.8 38.4 78.4





#9
Benzaldehyde
Concen: 22.204 ng
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

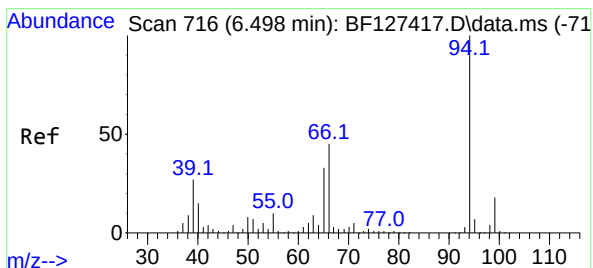
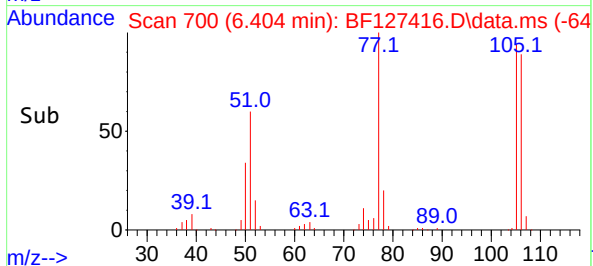
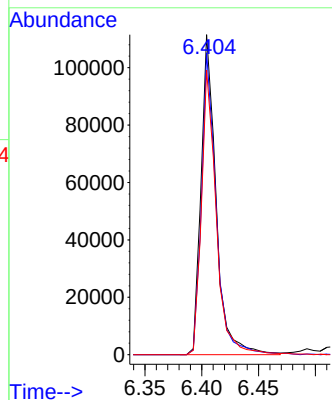
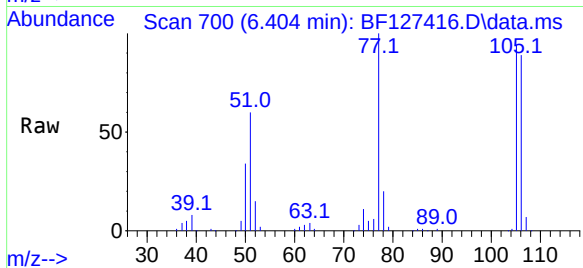
ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 102773
Ion Ratio Lower Upper
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105 94.4 66.8 106.8
106 88.9 64.3 104.3

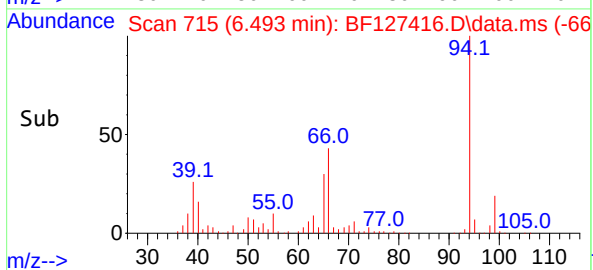
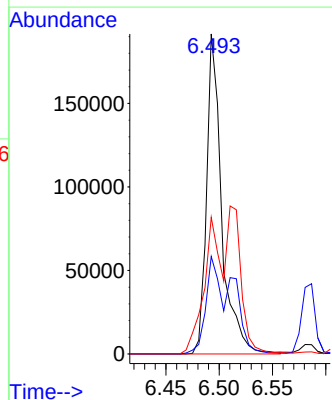
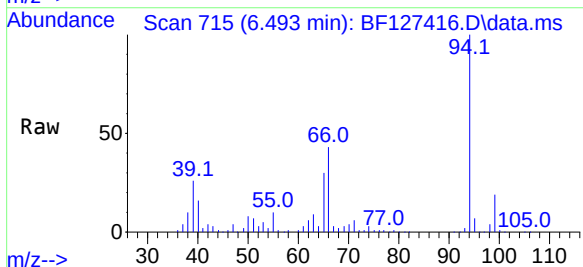
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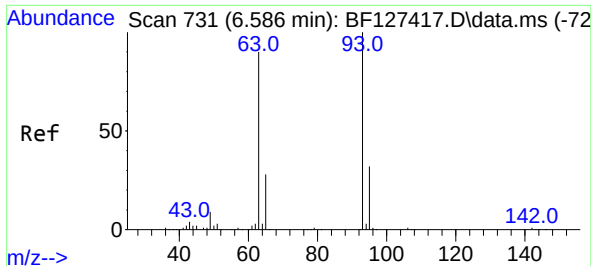
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#10
Phenol
Concen: 21.830 ng
RT: 6.493 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion: 94 Resp: 190409
Ion Ratio Lower Upper
94 100
65 30.4 13.1 53.1
66 42.7 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 21.051 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

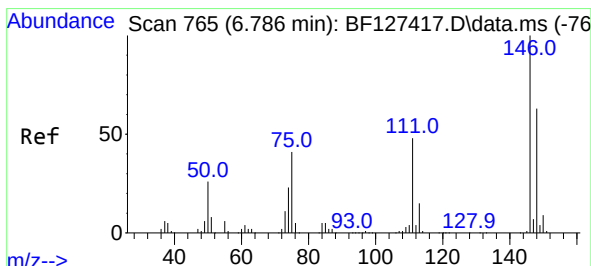
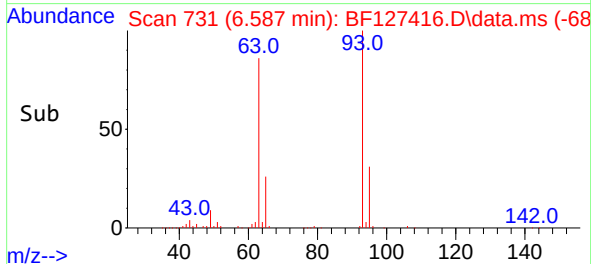
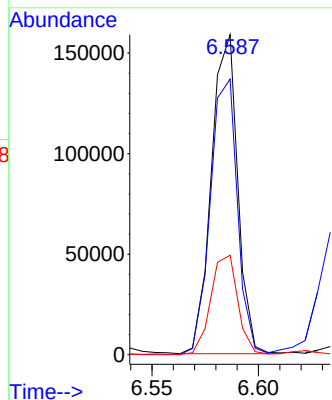
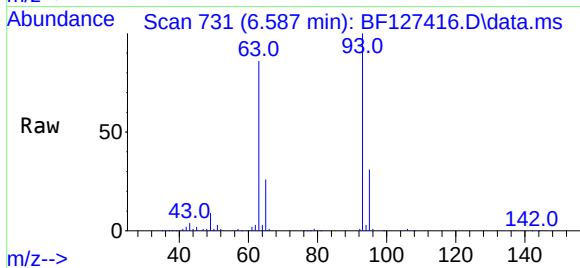
SSTDICC020

Tgt Ion: 93 Resp: 13635
Ion Ratio Lower Upper
93 100
63 86.1 69.6 109.6
95 31.1 11.6 51.6

Manual Integrations

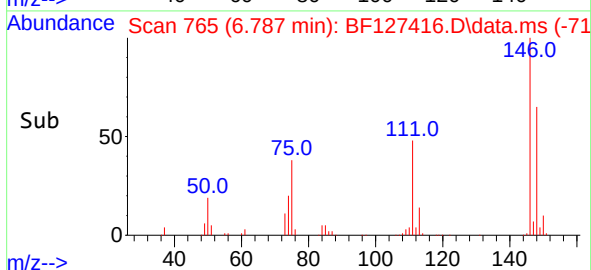
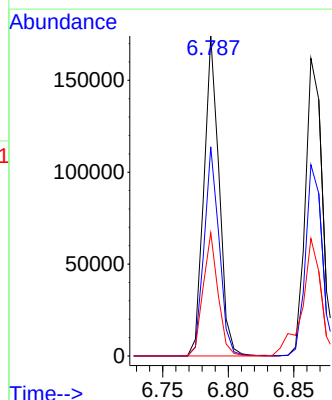
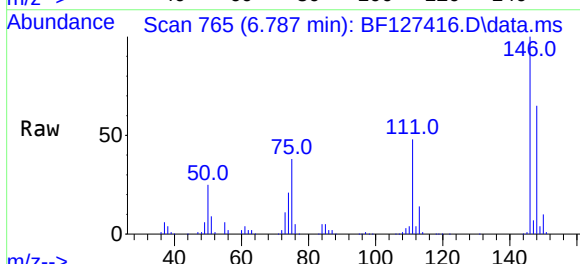
APPROVED

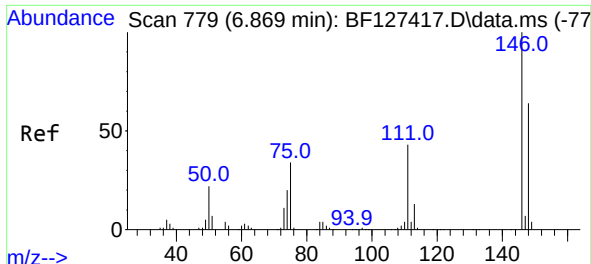
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#12
1,3-Dichlorobenzene
Concen: 20.972 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

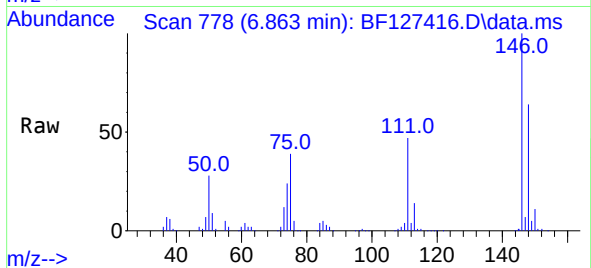
Tgt Ion:146 Resp: 140568
Ion Ratio Lower Upper
146 100
148 65.4 50.6 76.0
75 38.5 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 21.549 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

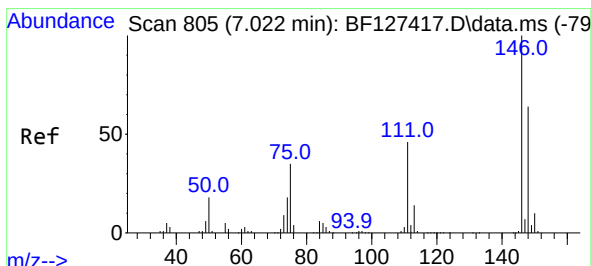
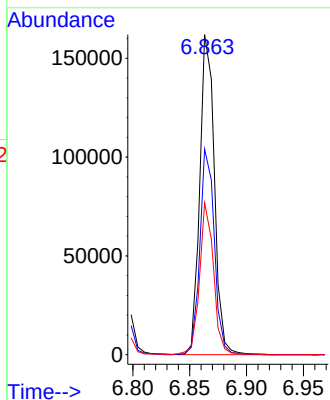
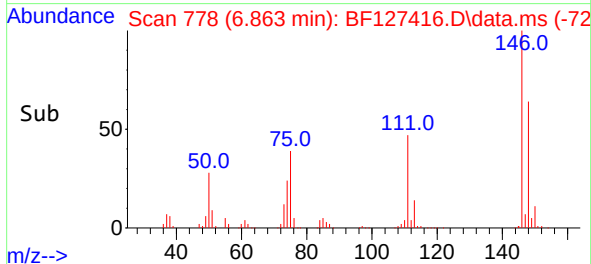
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



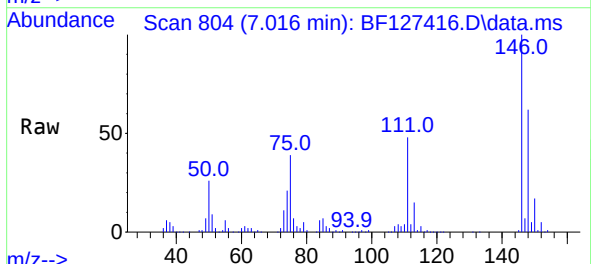
Tgt Ion:146 Resp: 144899
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 47.4 34.2 51.4

Manual Integrations
APPROVED

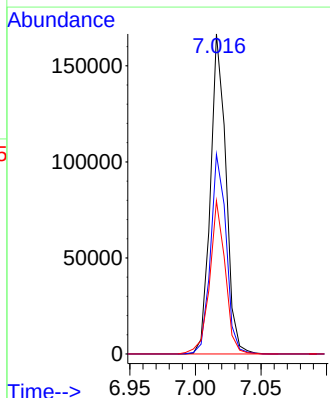
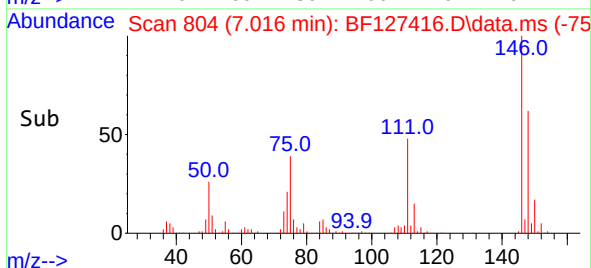
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

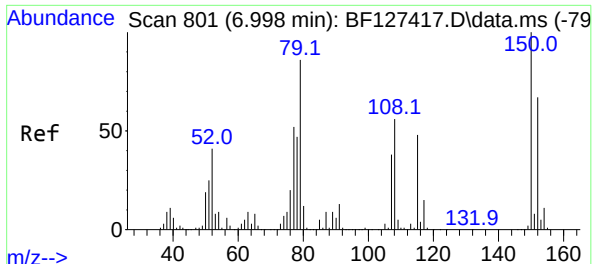


#14
1,2-Dichlorobenzene
Concen: 21.639 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:146 Resp: 136939
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
111 47.9 36.4 54.6





#15
Benzyl Alcohol
Concen: 20.931 ng
RT: 6.992 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

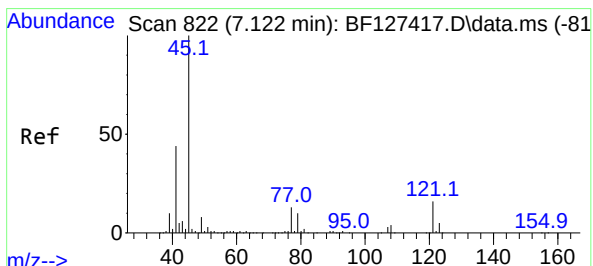
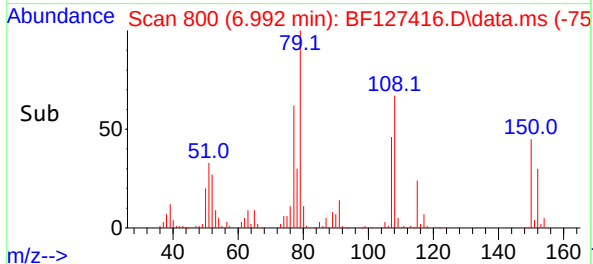
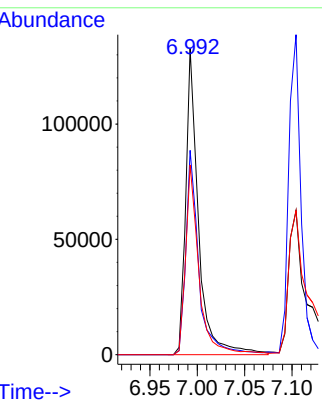
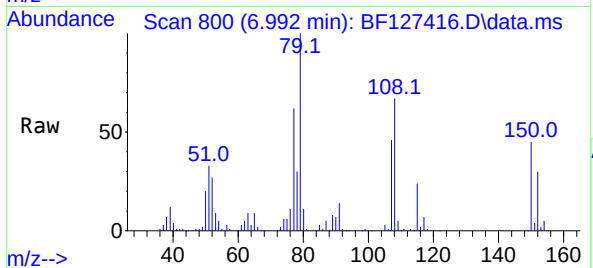
ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 124569
Ion Ratio Lower Upper
79 100
108 66.7 52.2 78.2
77 61.9 48.3 72.5

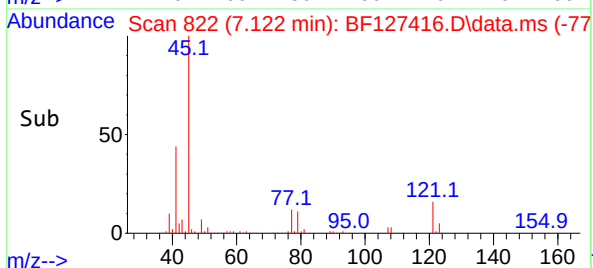
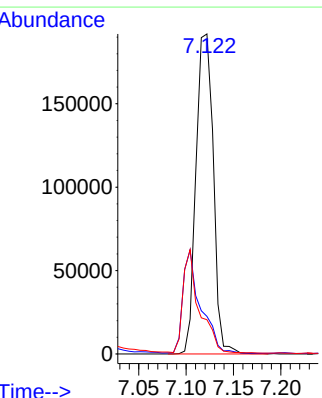
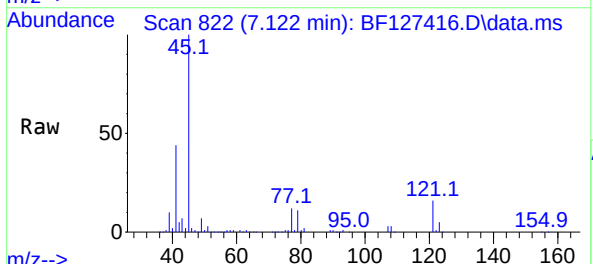
Manual Integrations
APPROVED

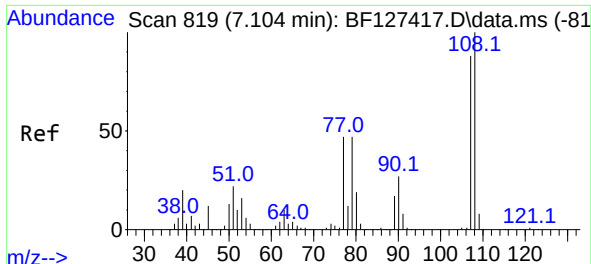
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.058 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion: 45 Resp: 243817
Ion Ratio Lower Upper
45 100
77 11.8 0.0 32.9
79 10.7 0.0 29.9





#17
2-Methylphenol
Concen: 21.510 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

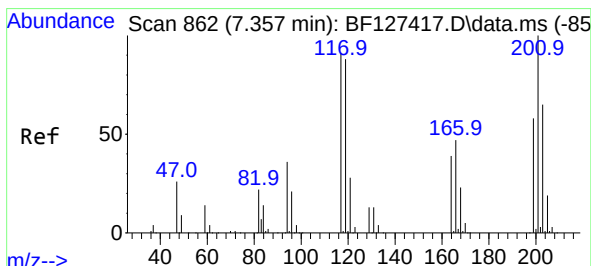
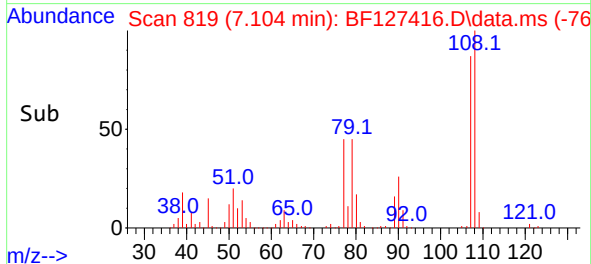
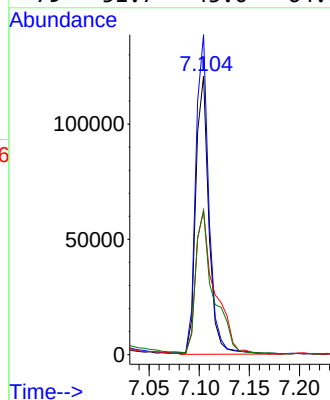
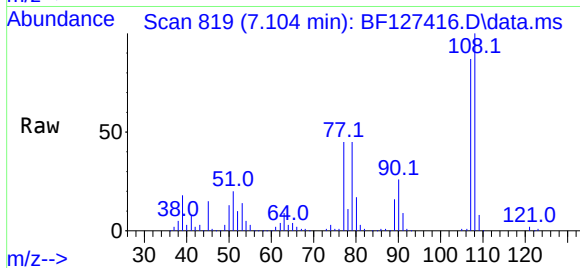
SSTDICC020

Tgt Ion:107 Resp: 109186
Ion Ratio Lower Upper
107 100
108 114.8 90.7 136.1
77 51.6 42.9 64.3
79 51.7 43.0 64.6

Manual Integrations

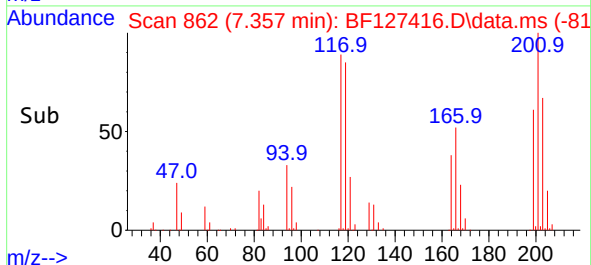
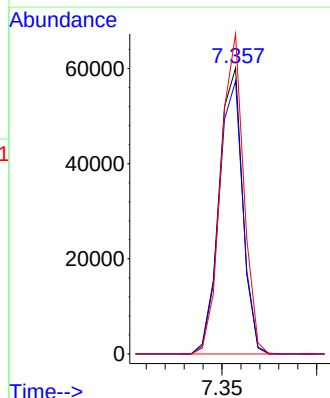
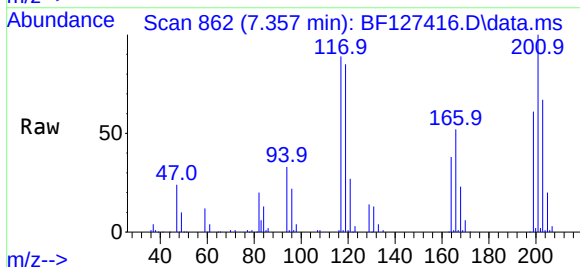
APPROVED

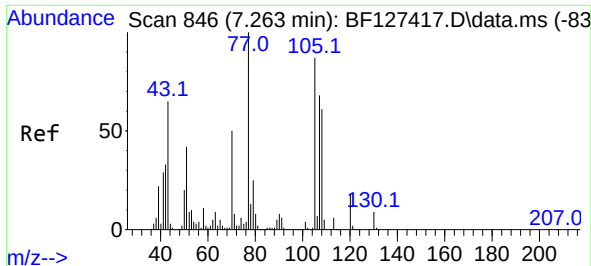
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#18
Hexachloroethane
Concen: 20.165 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

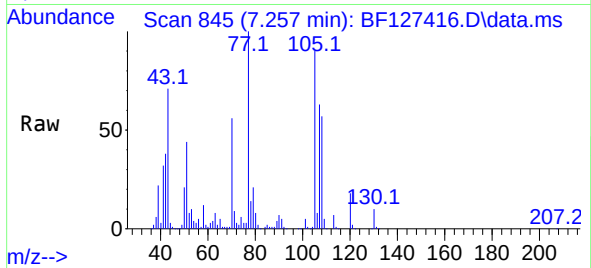
Tgt Ion:117 Resp: 52086
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4
201 111.9 88.2 132.2





#19
n-Nitroso-di-n-propylamine
Concen: 20.479 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

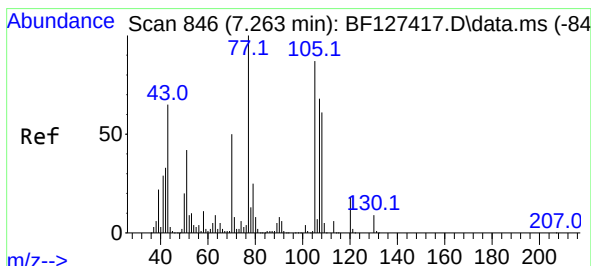
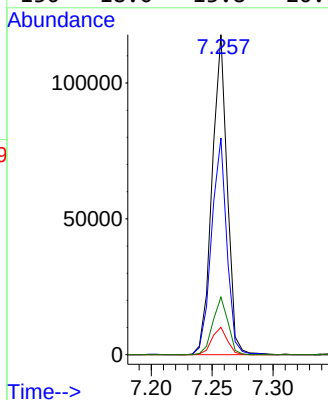
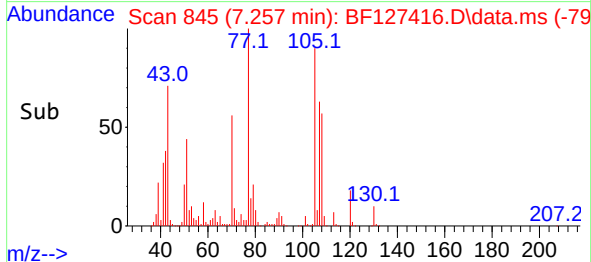
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



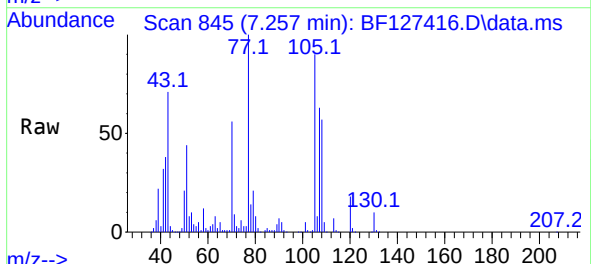
Tgt Ion: 70 Resp: 101470
Ion Ratio Lower Upper
70 100
42 67.7 53.0 79.6
101 8.6 6.8 10.2
130 18.0 13.8 20.6

Manual Integrations
APPROVED

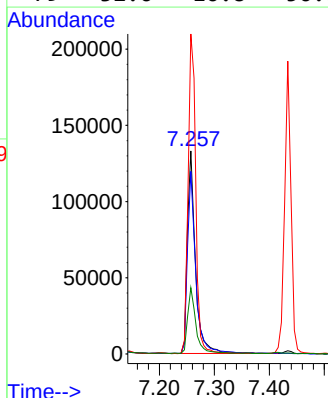
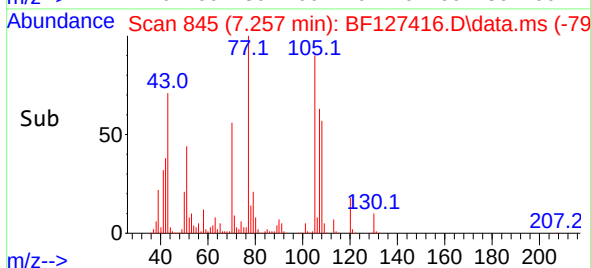
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

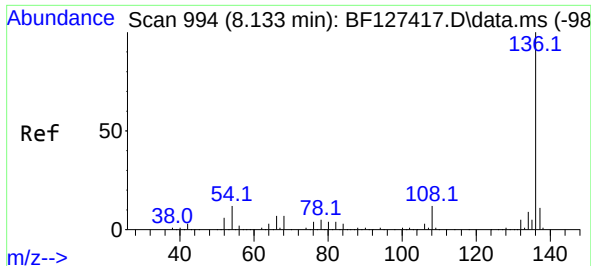


#20
3+4-Methylphenols
Concen: 20.734 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:107 Resp: 136495
Ion Ratio Lower Upper
107 100
108 89.9 70.7 110.7
77 157.6 127.9 167.9
79 32.6 16.8 56.8





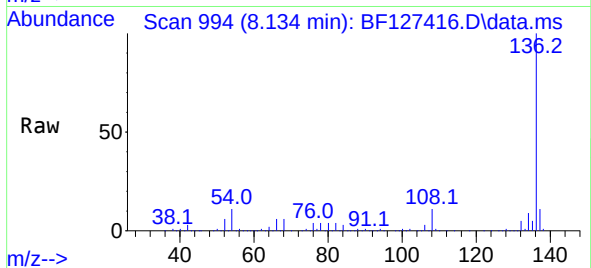
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

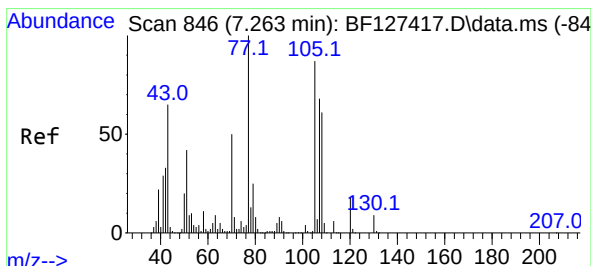
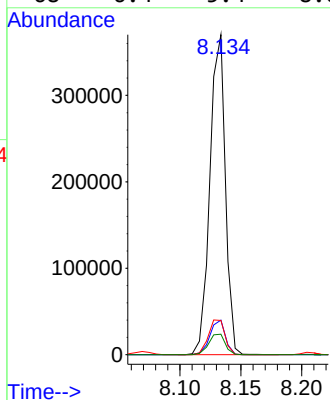
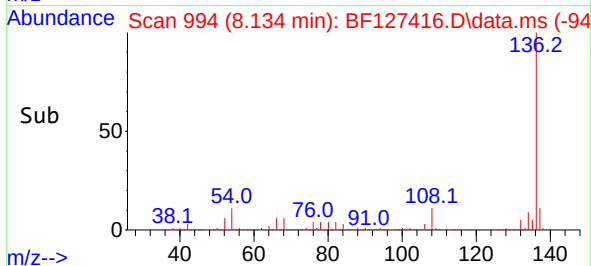


Tgt Ion:136 Resp: 32824
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.7 9.2 13.8
68 6.4 5.4 8.0

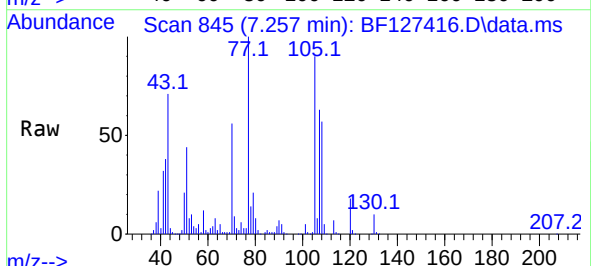
Manual Integrations

APPROVED

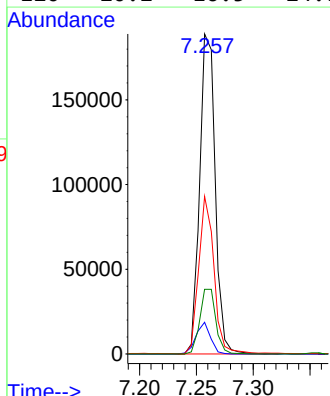
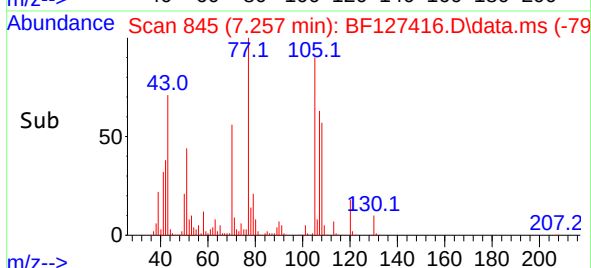
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

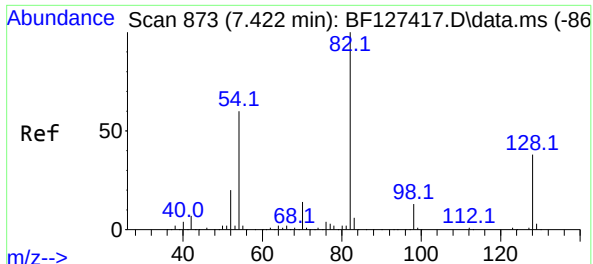


#22
Acetophenone
Concen: 20.034 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:105 Resp: 180048
Ion Ratio Lower Upper
105 100
71 9.9 7.3 10.9
51 49.2 38.8 58.2
120 20.2 16.5 24.7





#23

Nitrobenzene-d5

Concen: 40.851 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127416.D

Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 32469

Ion Ratio Lower Upper

82 100

128 37.8 30.6 45.8

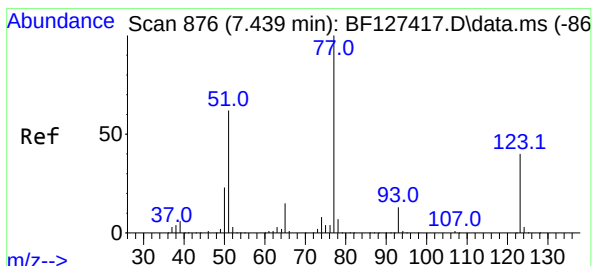
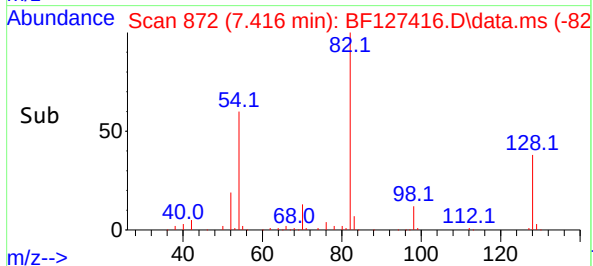
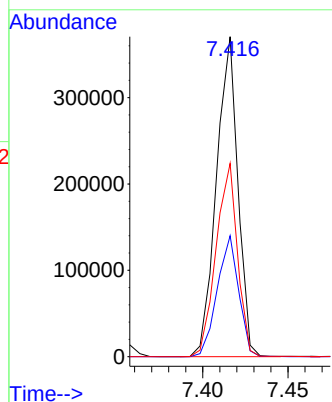
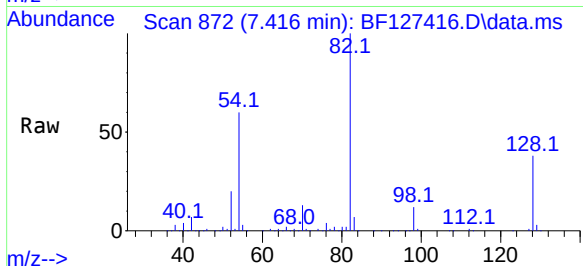
54 60.4 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#24

Nitrobenzene

Concen: 20.453 ng

RT: 7.434 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF127416.D

Acq: 21 Mar 2022 18:39

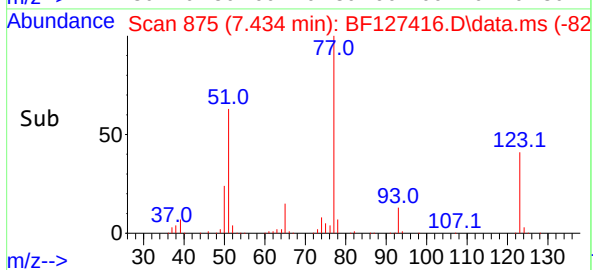
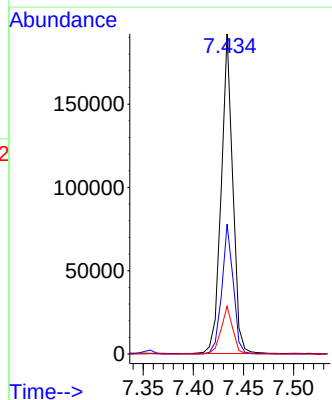
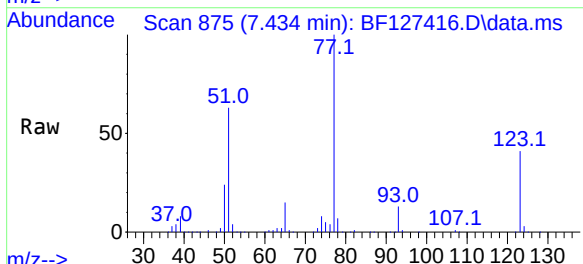
Tgt Ion: 77 Resp: 153756

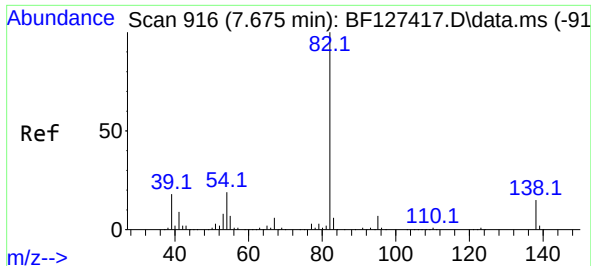
Ion Ratio Lower Upper

77 100

123 40.6 32.0 48.0

65 14.9 12.2 18.2





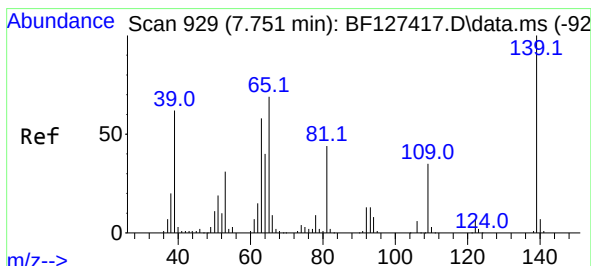
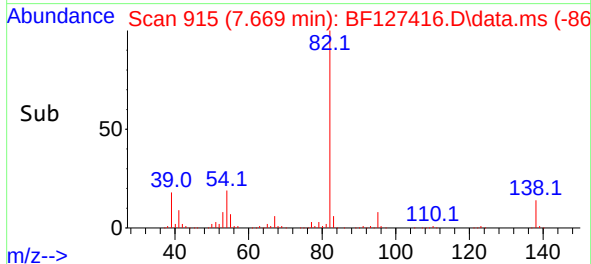
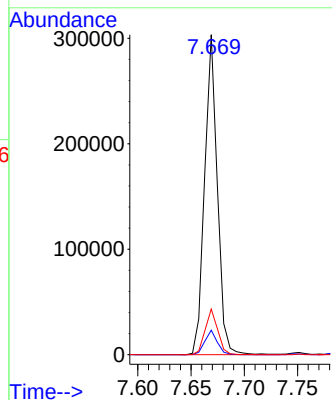
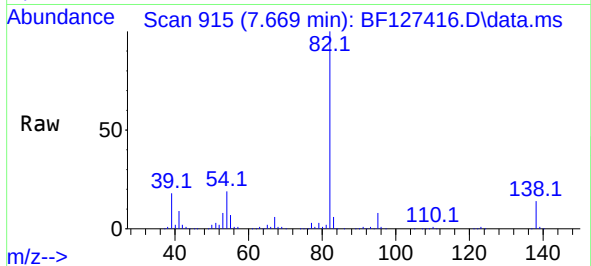
#25
Isophorone
Concen: 19.807 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 25314
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 14.3 11.6 17.4

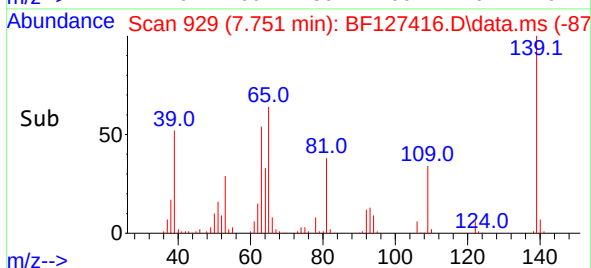
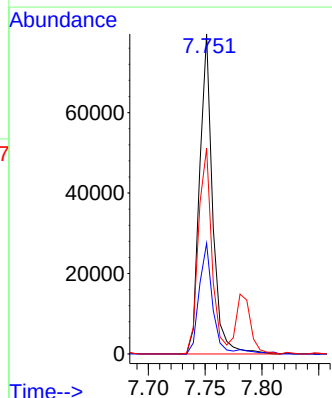
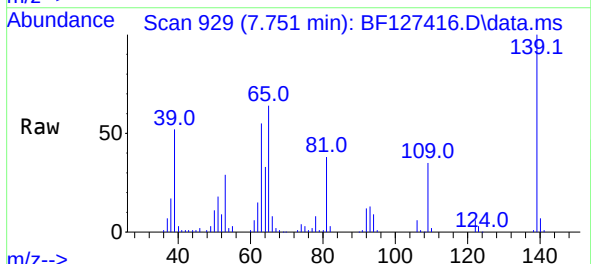
Manual Integrations
APPROVED

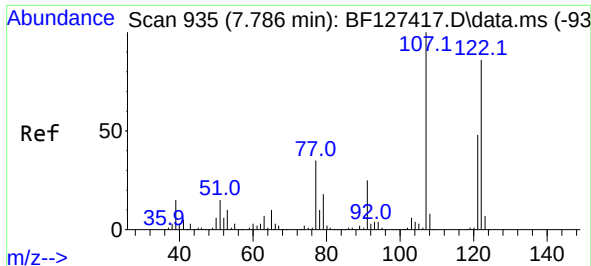
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
2-Nitrophenol
Concen: 20.420 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:139 Resp: 63572
Ion Ratio Lower Upper
139 100
109 34.6 28.2 42.2
65 64.2 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 21.083 ng
RT: 7.787 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

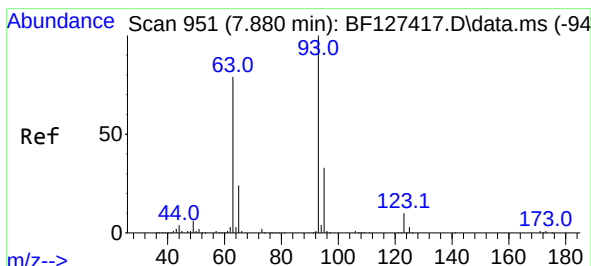
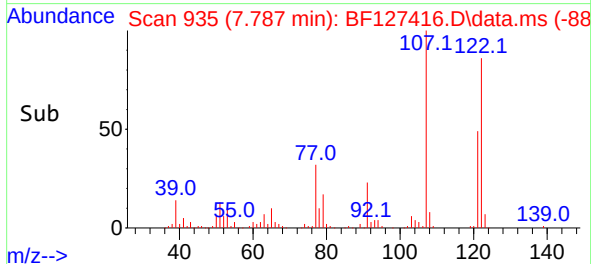
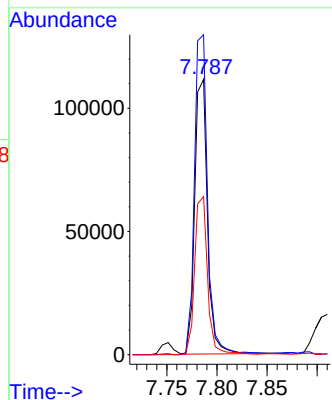
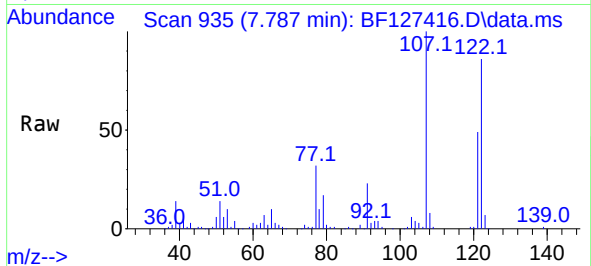
SSTDICC020

Tgt Ion:122 Resp: 98530
Ion Ratio Lower Upper
122 100
107 116.2 93.0 139.4
121 57.4 44.9 67.3

Manual Integrations

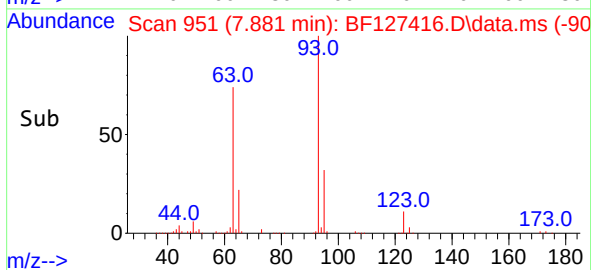
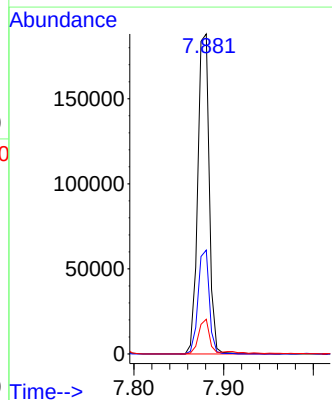
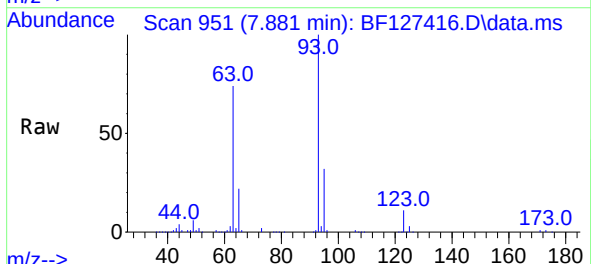
APPROVED

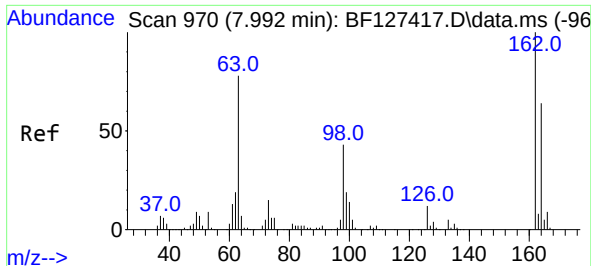
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 20.618 ng
RT: 7.881 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion: 93 Resp: 166967
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.8 8.0 12.0





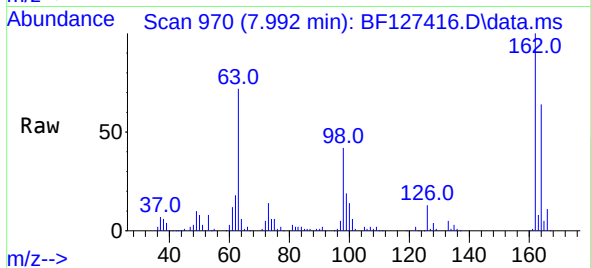
#29
2,4-Dichlorophenol
Concen: 20.785 ng
RT: 7.992 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

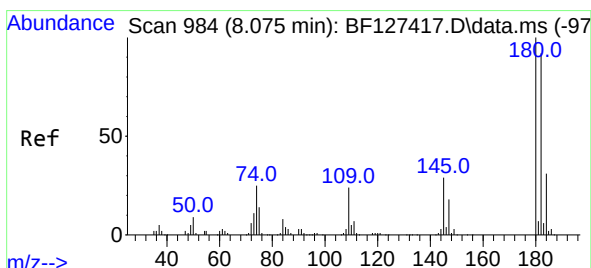
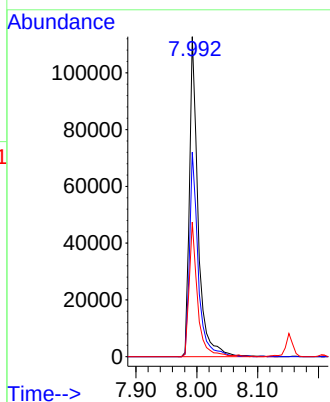
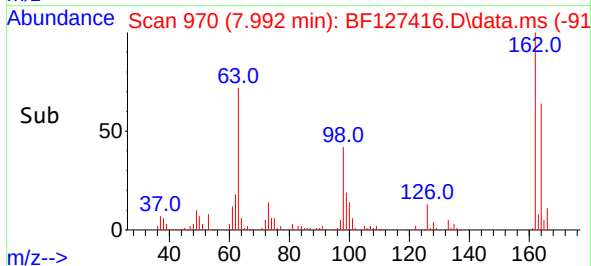


Tgt Ion:162 Resp: 111240
Ion Ratio Lower Upper
162 100
164 63.9 43.7 83.7
98 42.1 23.5 63.5

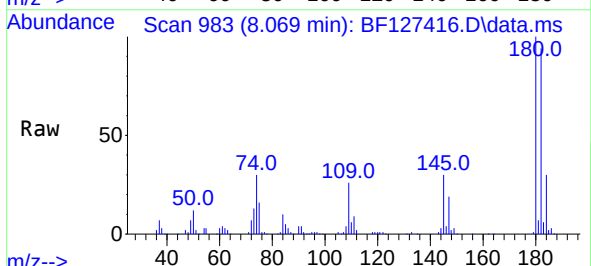
Manual Integrations

APPROVED

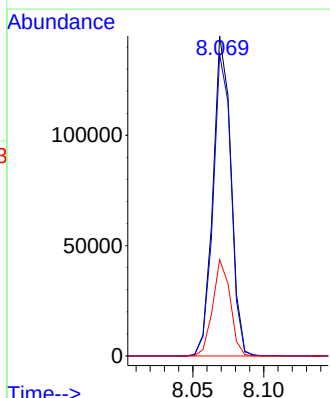
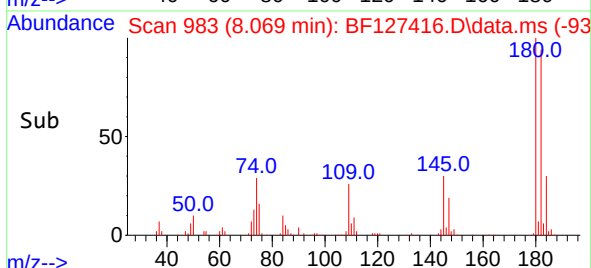
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

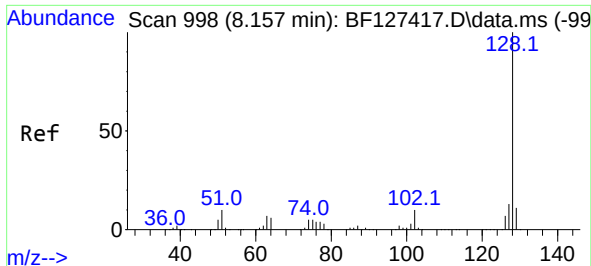


#30
1,2,4-Trichlorobenzene
Concen: 20.951 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



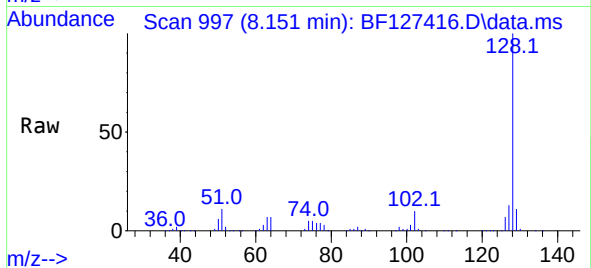
Tgt Ion:180 Resp: 127837
Ion Ratio Lower Upper
180 100
182 94.3 73.8 110.6
145 30.1 23.3 34.9





#31
Naphthalene
Concen: 21.458 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

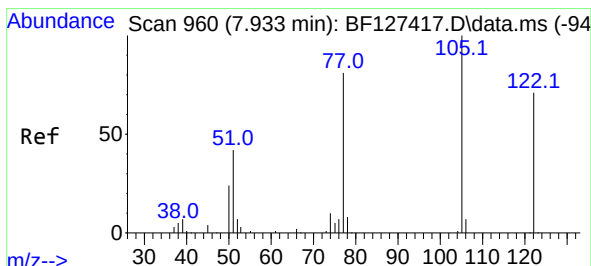
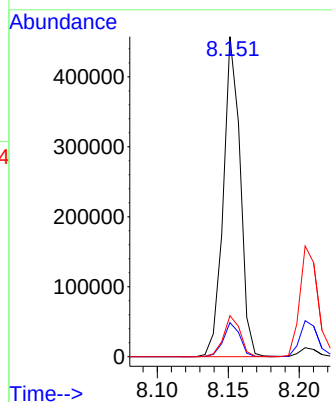
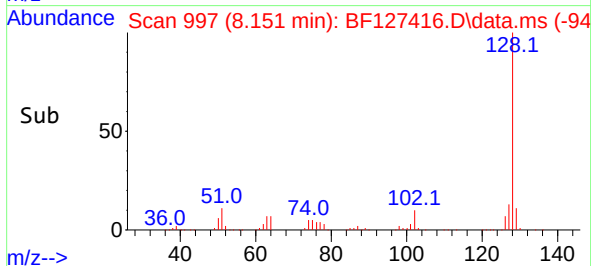
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 37573
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.8 10.2 15.2

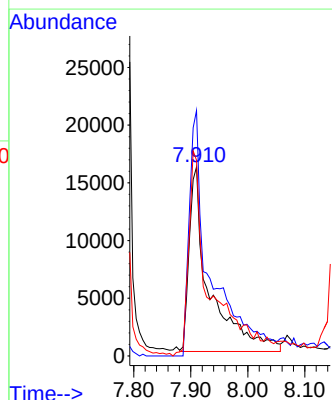
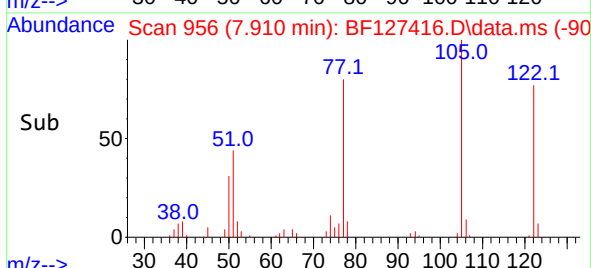
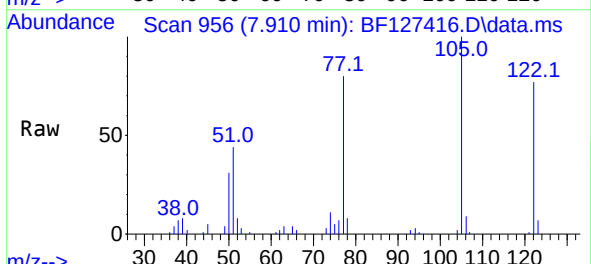
Manual Integrations
APPROVED

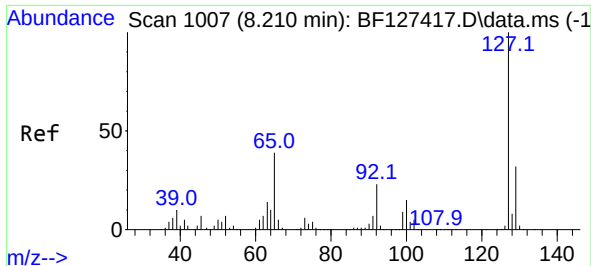
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 13.760 ng m
RT: 7.910 min Scan# 956
Delta R.T. -0.023 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:122 Resp: 39904
Ion Ratio Lower Upper
122 100
105 129.9 117.1 157.1
77 103.6 93.0 133.0





#33
4-Chloroaniline
Concen: 21.195 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

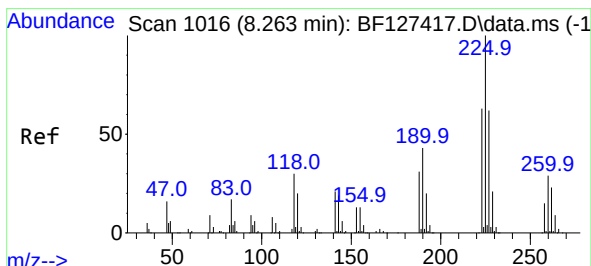
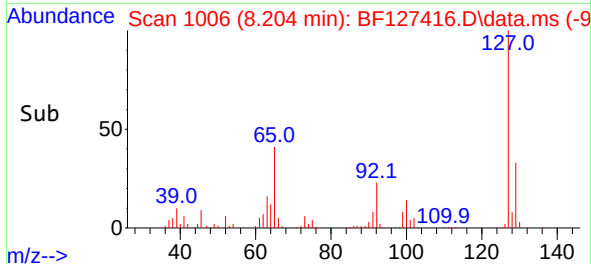
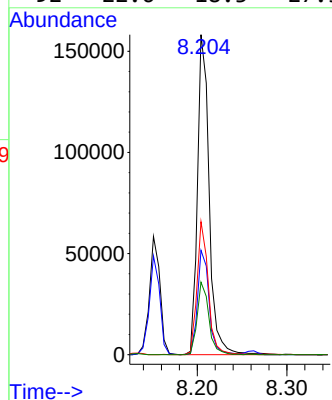
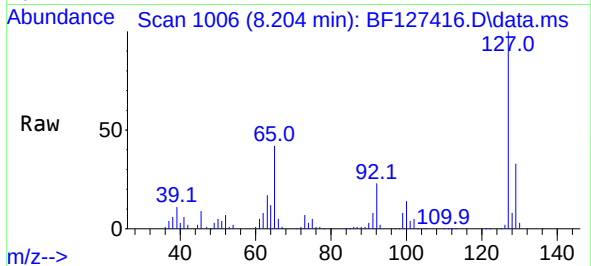
SSTDICC020

Tgt Ion:127 Resp: 14385
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 41.6 31.4 47.0
92 22.6 18.3 27.5

Manual Integrations

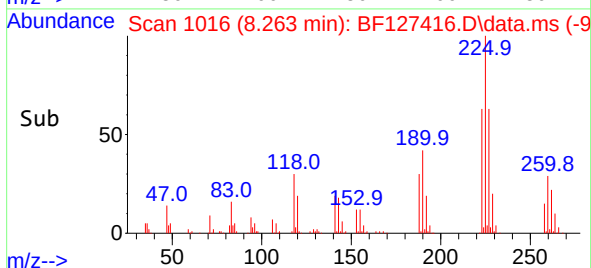
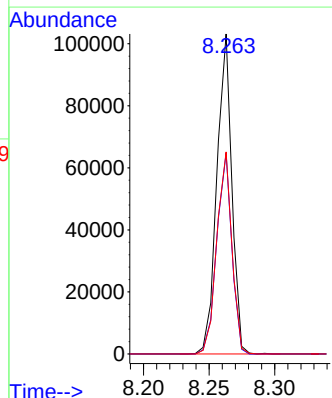
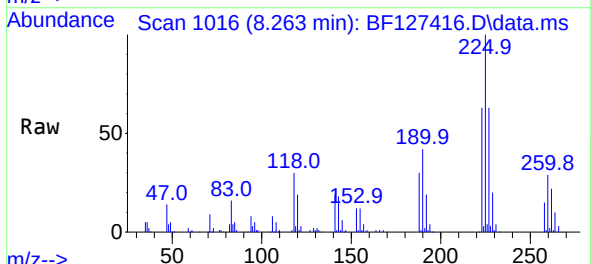
APPROVED

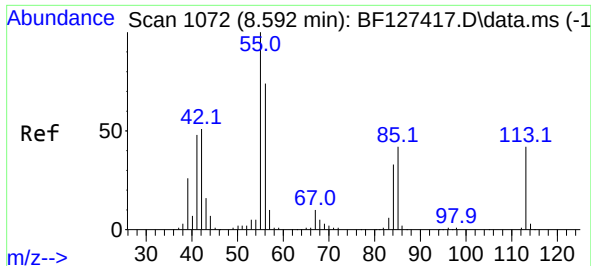
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 20.068 ng
RT: 8.263 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:225 Resp: 81655
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 63.1 49.6 74.4





#35
Caprolactam
Concen: 20.427 ng
RT: 8.575 min Scan# 1069
Delta R.T. -0.017 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

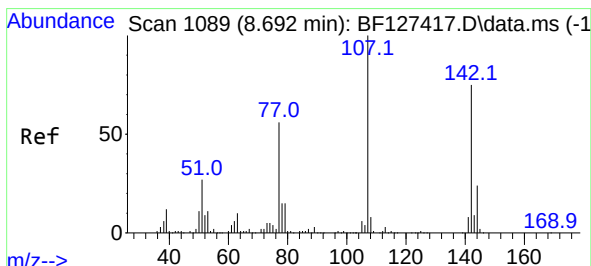
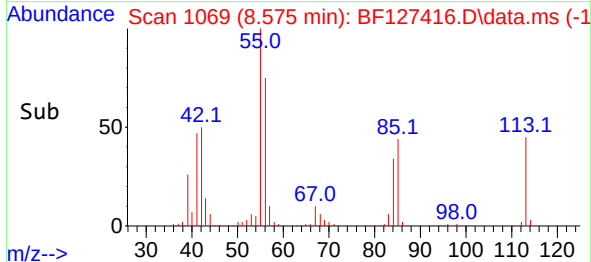
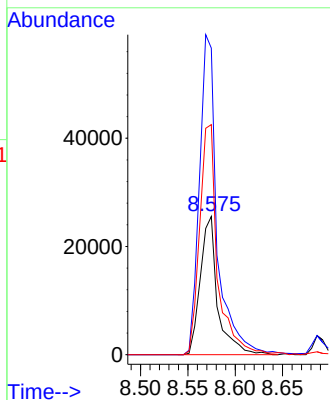
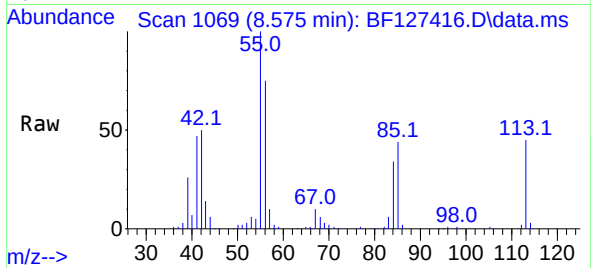
SSTDICC020

Tgt Ion:113 Resp: 32660
Ion Ratio Lower Upper
113 100
55 221.7 218.7 258.7
56 166.4 156.2 196.2

Manual Integrations

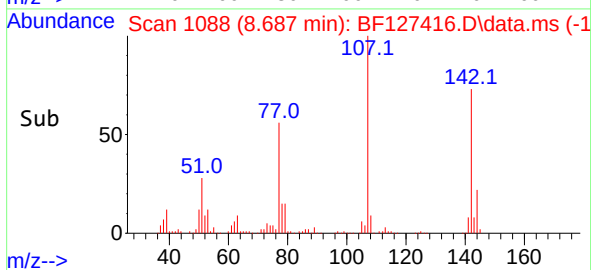
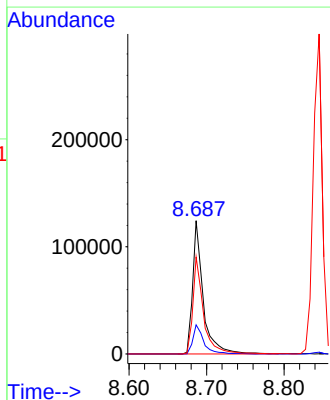
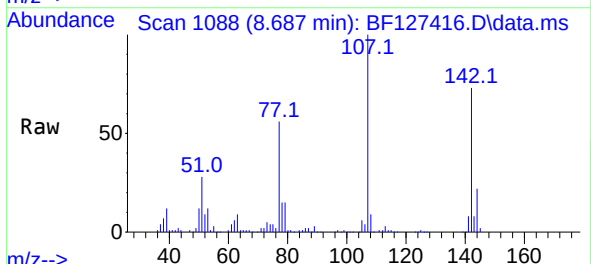
APPROVED

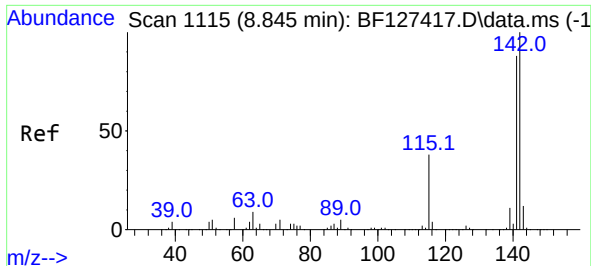
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#36
4-Chloro-3-methylphenol
Concen: 20.384 ng
RT: 8.687 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:107 Resp: 118246
Ion Ratio Lower Upper
107 100
144 21.8 19.3 28.9
142 72.8 59.8 89.8





#37

2-Methylnaphthalene

Concen: 21.054 ng

RT: 8.845 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF127416.D

Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 24088

Ion Ratio Lower Upper

142 100

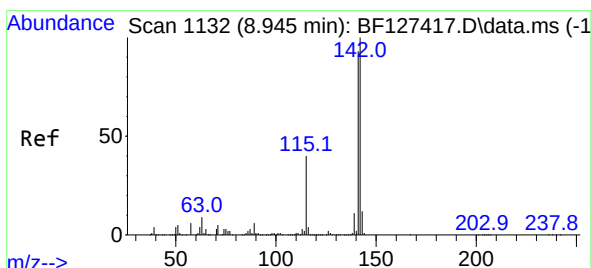
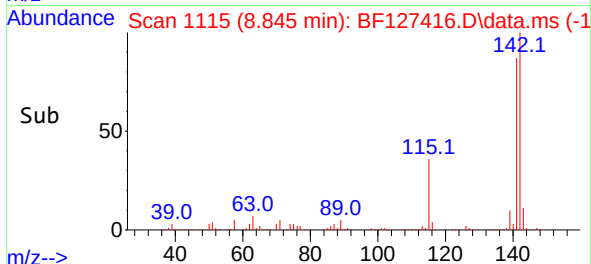
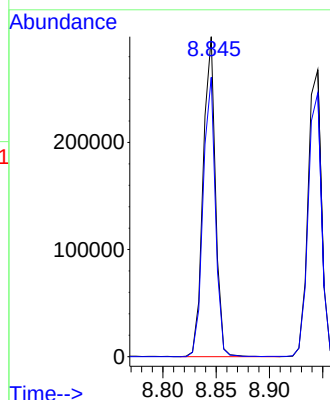
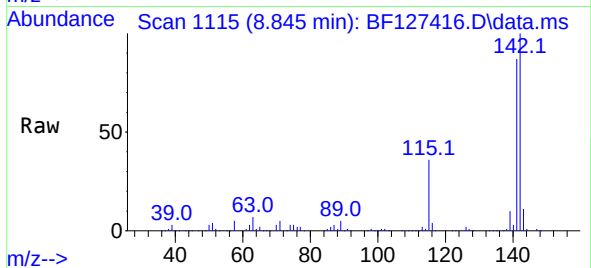
141 87.3 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#38

1-Methylnaphthalene

Concen: 21.329 ng

RT: 8.945 min Scan# 1132

Delta R.T. 0.000 min

Lab File: BF127416.D

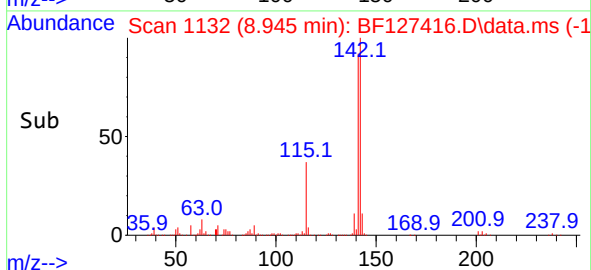
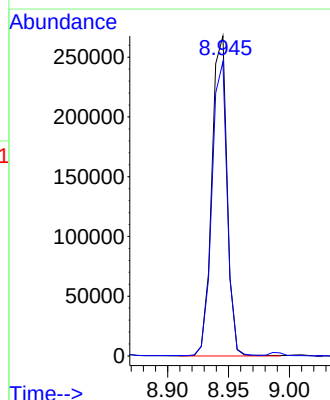
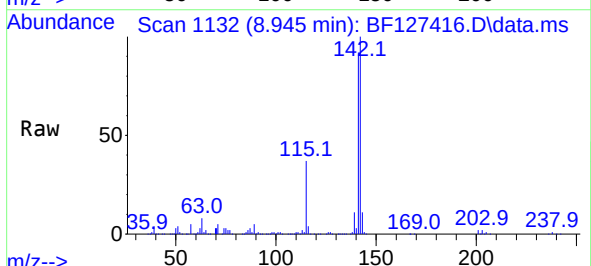
Acq: 21 Mar 2022 18:39

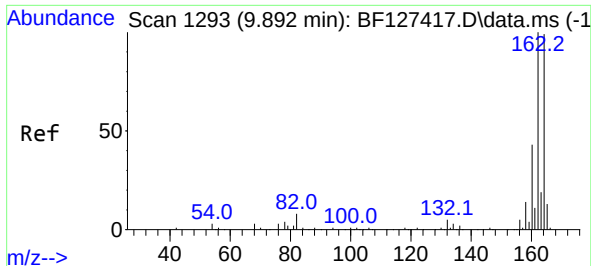
Tgt Ion:142 Resp: 234606

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127416.D

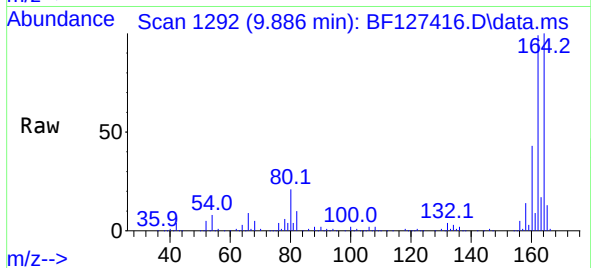
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 186412

Ion Ratio Lower Upper

164 100

162 98.9 81.2 121.8

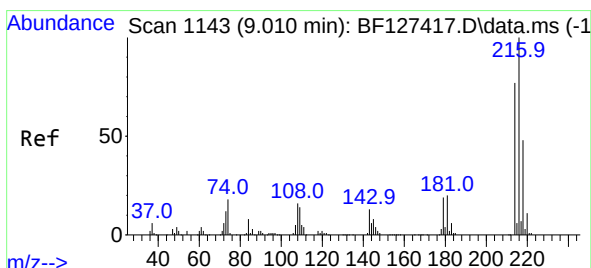
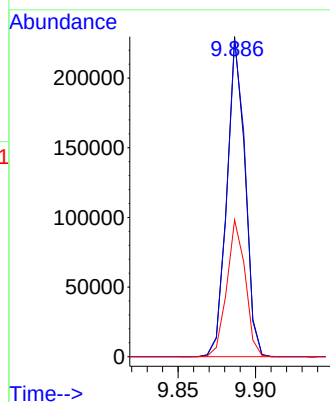
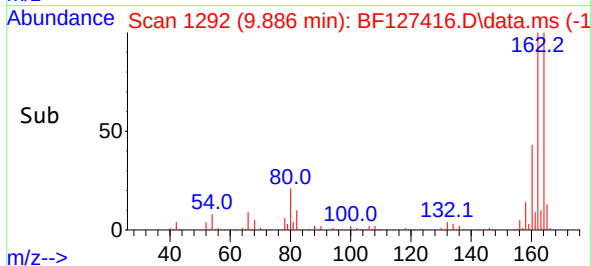
160 42.8 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.510 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF127416.D

Acq: 21 Mar 2022 18:39

Tgt Ion:216 Resp: 126936

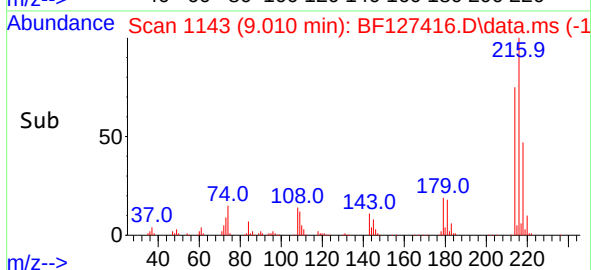
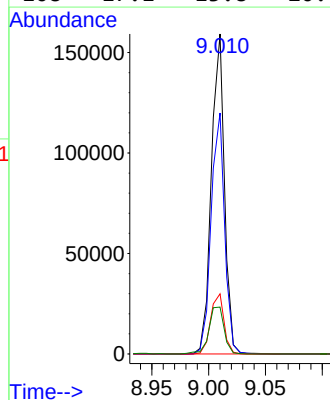
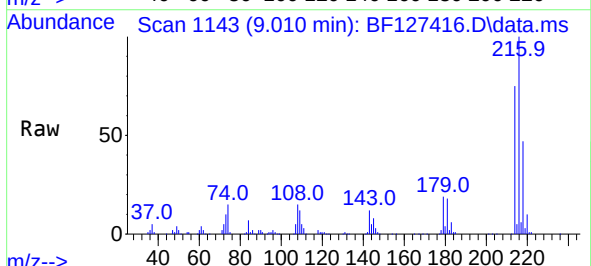
Ion Ratio Lower Upper

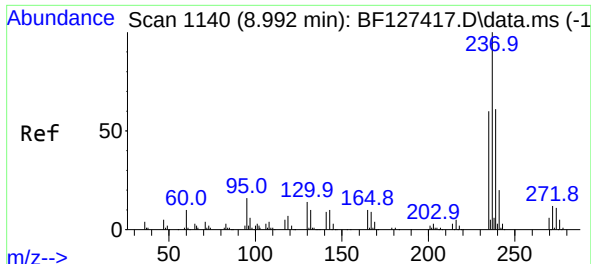
216 100

214 77.9 63.0 94.4

179 19.3 15.5 23.3

108 17.1 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 8.966 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

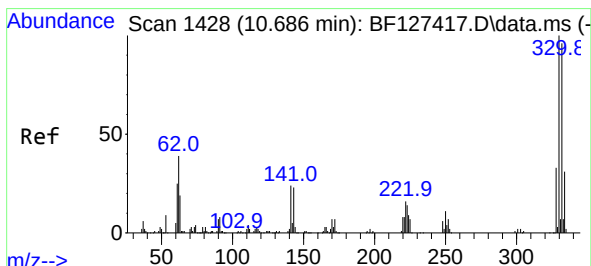
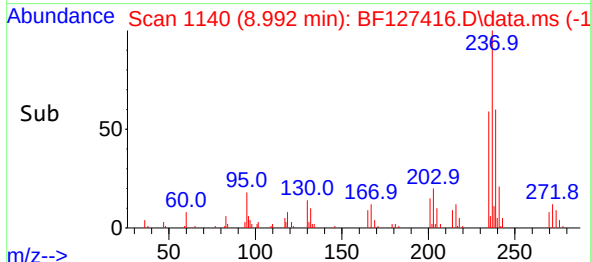
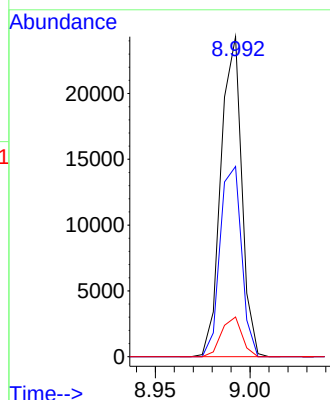
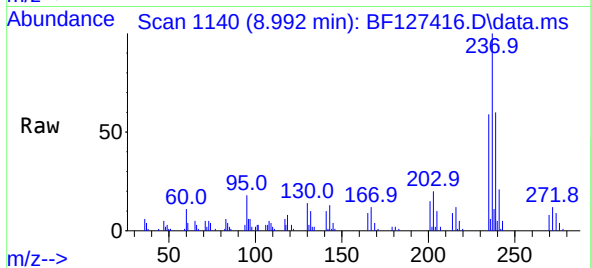
SSTDICC020

Tgt Ion:237 Resp: 1859
Ion Ratio Lower Upper
237 100
235 59.4 40.4 80.4
272 12.4 0.0 31.8

Manual Integrations

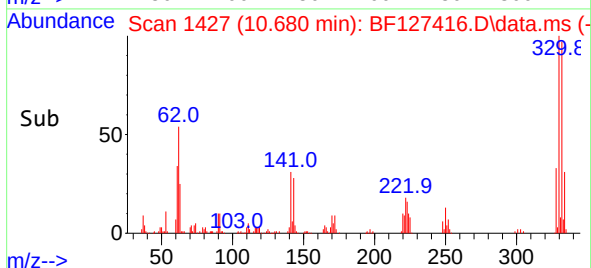
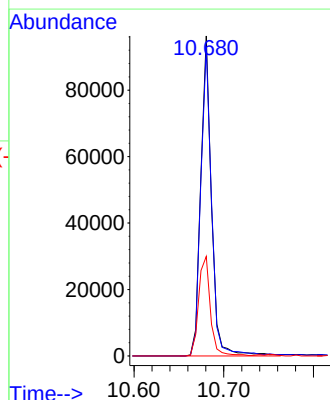
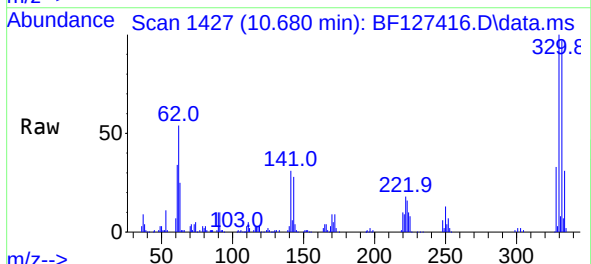
APPROVED

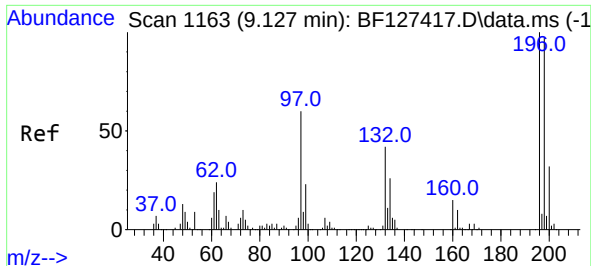
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#42
2,4,6-Tribromophenol
Concen: 39.845 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:330 Resp: 79958
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 34.0 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 20.577 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

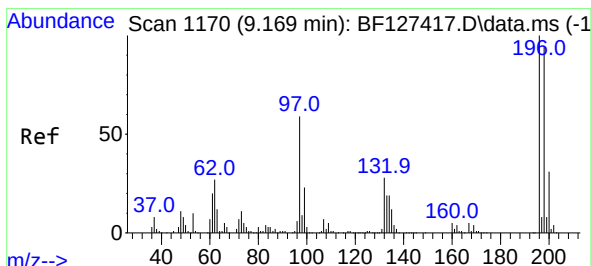
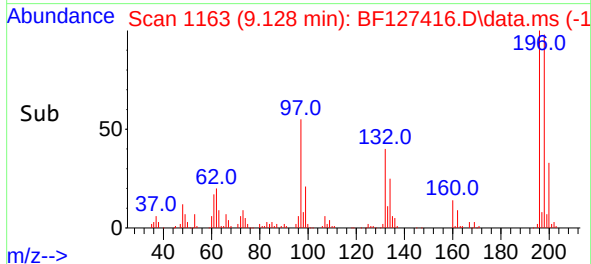
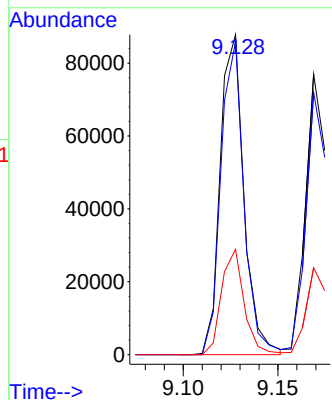
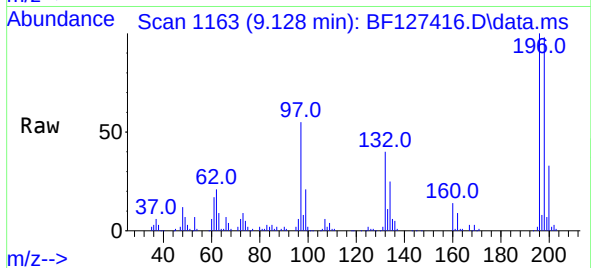
SSTDICC020

Tgt Ion:196 Resp: 76639
Ion Ratio Lower Upper
196 100
198 97.9 77.8 116.6
200 33.0 25.9 38.9

Manual Integrations

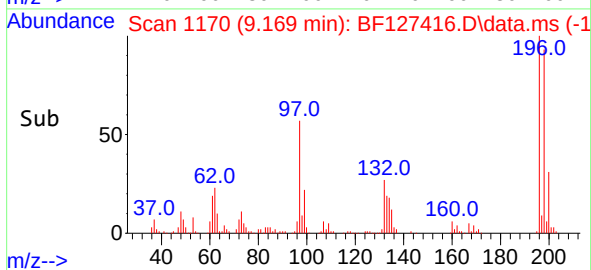
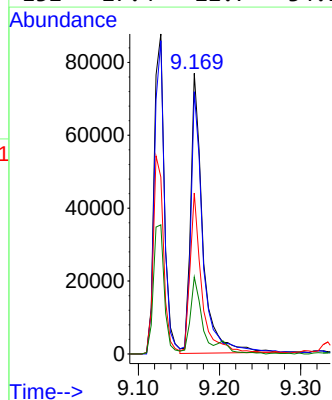
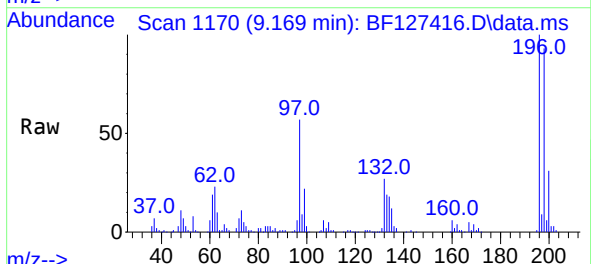
APPROVED

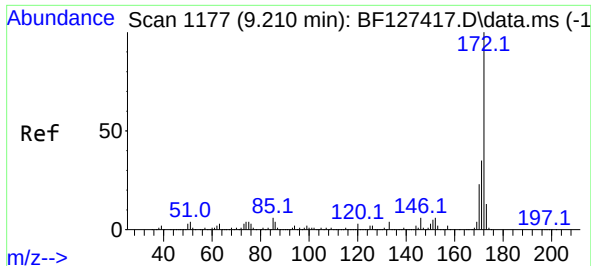
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#44
2,4,5-Trichlorophenol
Concen: 20.155 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:196 Resp: 79672
Ion Ratio Lower Upper
196 100
198 93.5 75.3 112.9
97 57.4 46.8 70.2
132 27.4 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 41.744 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

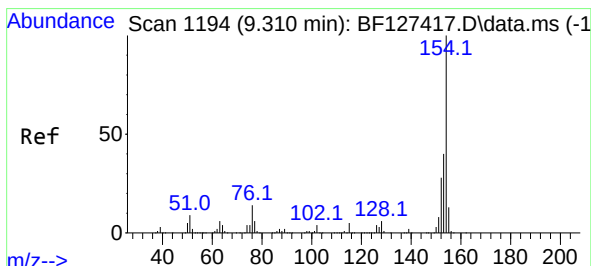
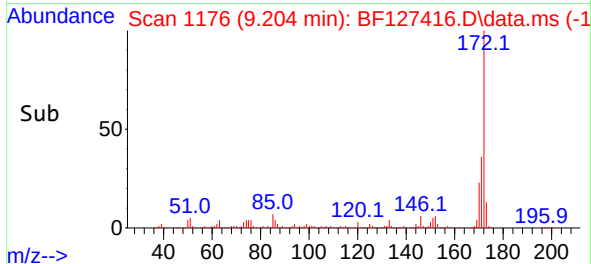
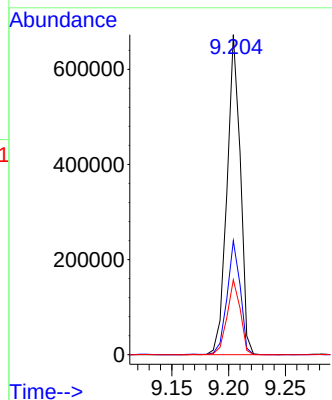
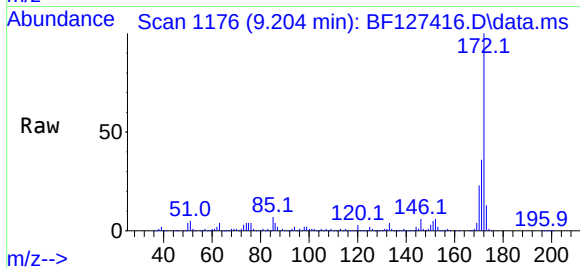
SSTDICC020

Tgt Ion:172 Resp: 550400
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 18.6 27.8

Manual Integrations

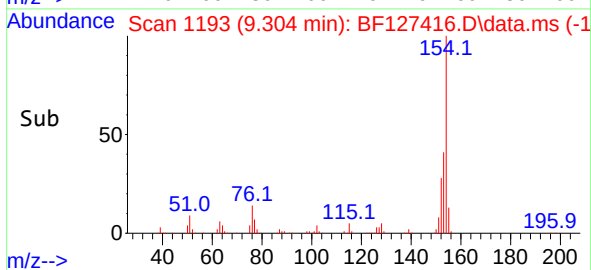
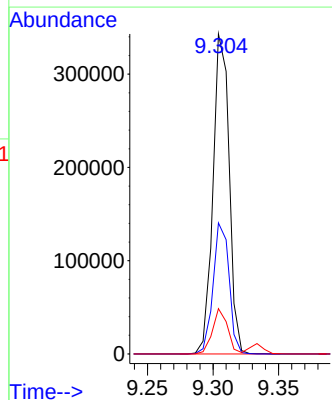
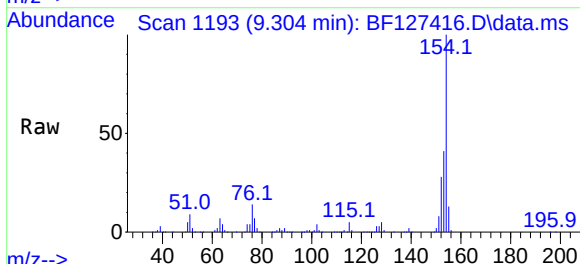
APPROVED

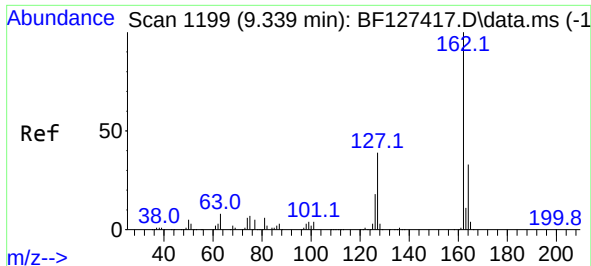
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#46
1,1'-Biphenyl
Concen: 20.907 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:154 Resp: 294150
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 14.1 0.0 33.9





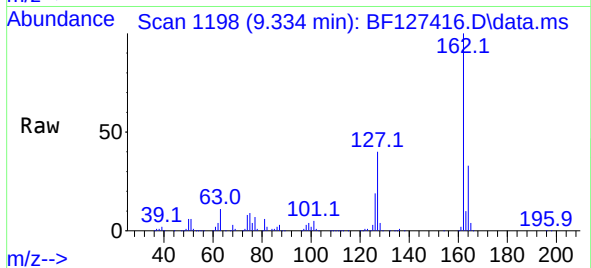
#47
2-Chloronaphthalene
Concen: 21.674 ng
RT: 9.334 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

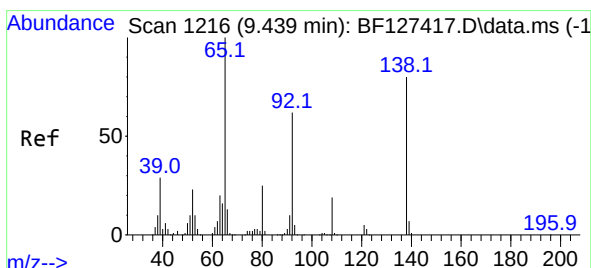
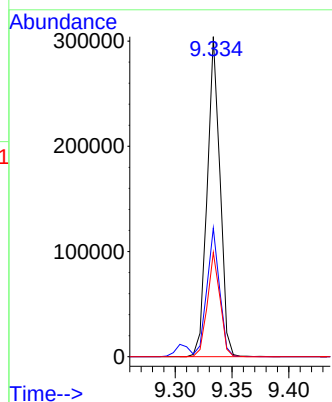
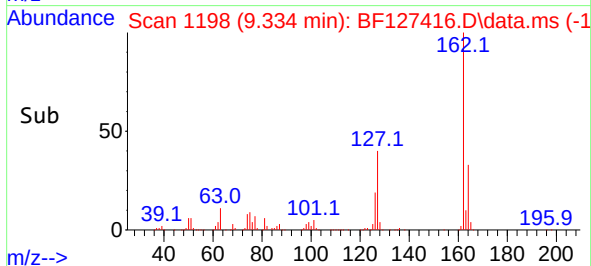


Tgt Ion:162 Resp: 237370
Ion Ratio Lower Upper
162 100
127 40.2 31.8 47.6
164 32.5 26.4 39.6

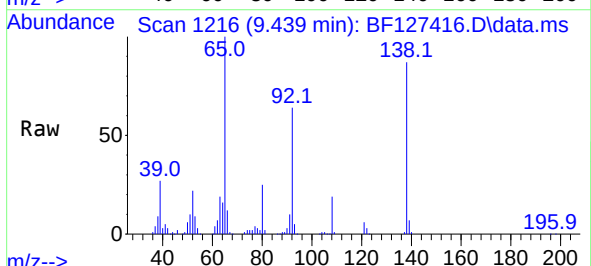
Manual Integrations

APPROVED

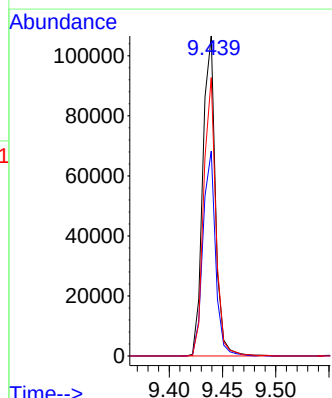
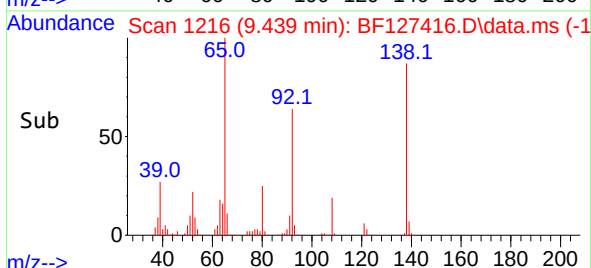
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

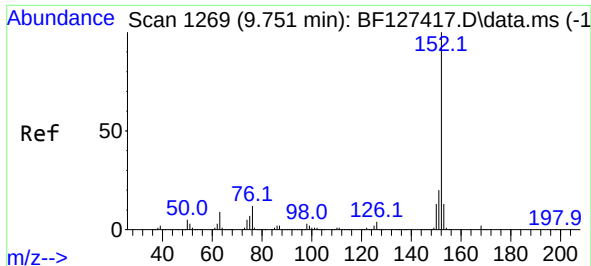


#48
2-Nitroaniline
Concen: 20.936 ng
RT: 9.439 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion: 65 Resp: 88220
Ion Ratio Lower Upper
65 100
92 64.0 50.0 75.0
138 87.0 64.1 96.1





#49
Acenaphthylene
Concen: 21.510 ng
RT: 9.751 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

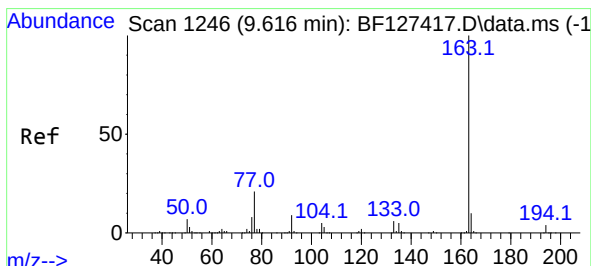
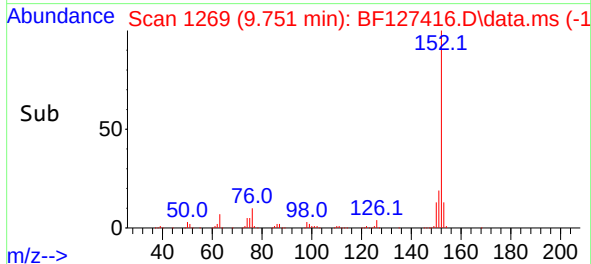
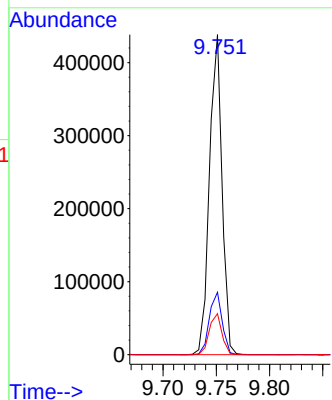
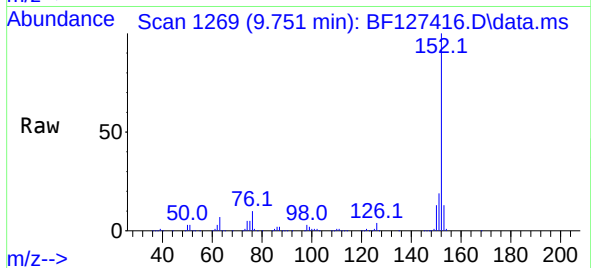
SSTDICC020

Tgt Ion:152 Resp: 360510
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.8 10.5 15.7

Manual Integrations

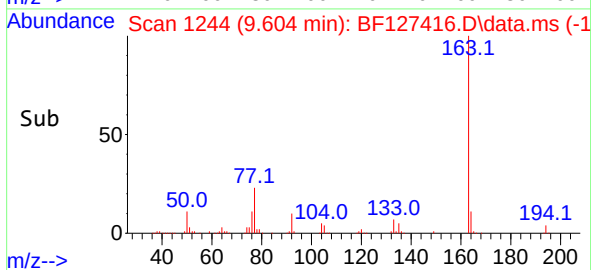
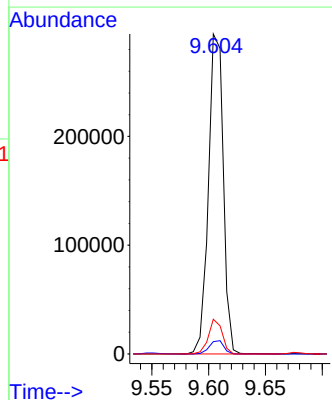
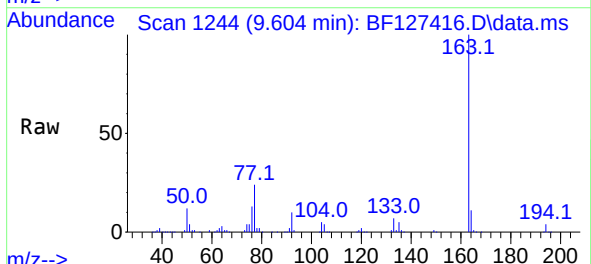
APPROVED

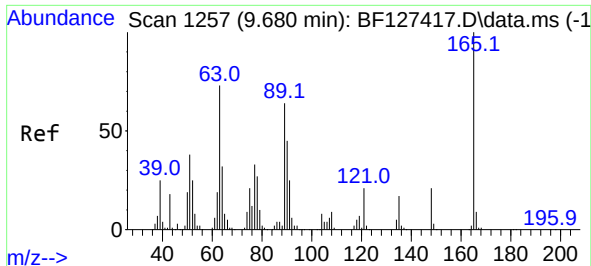
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#50
Dimethylphthalate
Concen: 20.002 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:163 Resp: 267177
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 21.227 ng
RT: 9.675 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

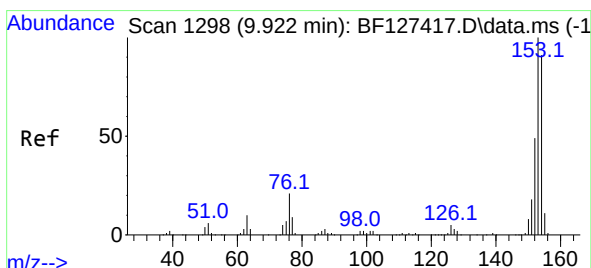
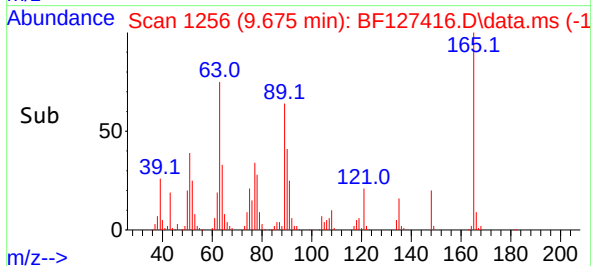
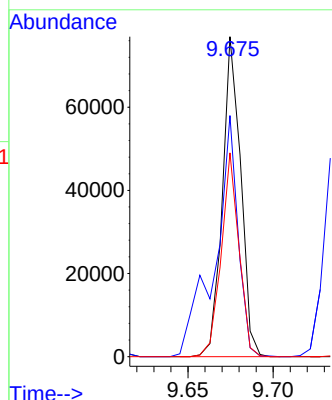
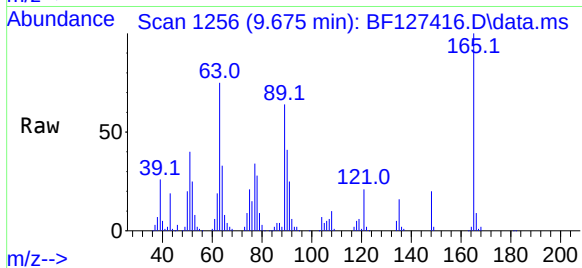
SSTDICC020

Tgt Ion:165 Resp: 57350
Ion Ratio Lower Upper
165 100
63 75.4 58.3 87.5
89 63.7 51.5 77.3

Manual Integrations

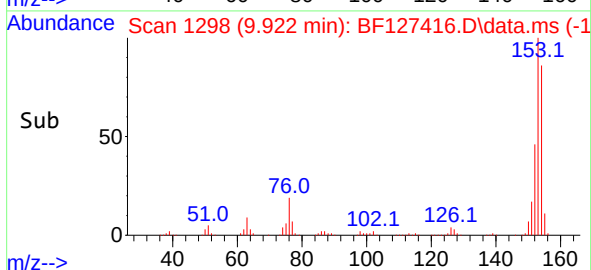
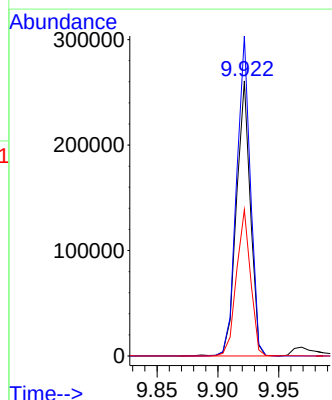
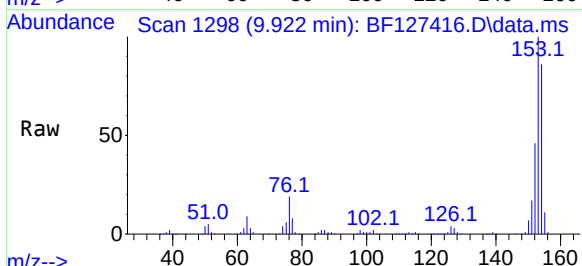
APPROVED

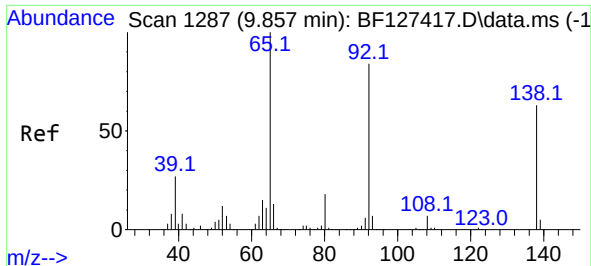
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#52
Acenaphthene
Concen: 20.817 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:154 Resp: 207971
Ion Ratio Lower Upper
154 100
153 116.3 87.6 131.4
152 53.2 42.9 64.3





#53
3-Nitroaniline
Concen: 21.133 ng
RT: 9.851 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

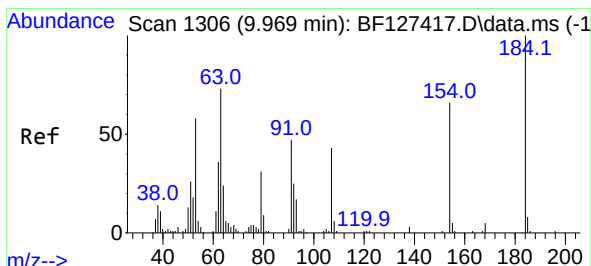
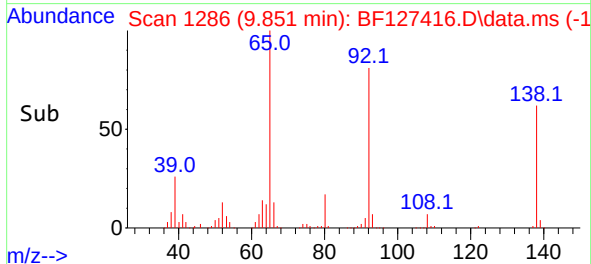
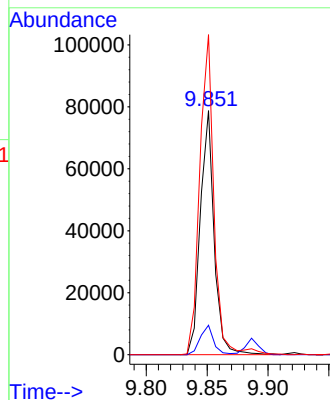
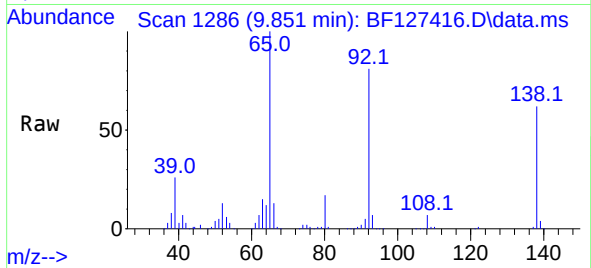
SSTDICC020

Tgt Ion:138 Resp: 62229
Ion Ratio Lower Upper
138 100
108 12.1 9.4 14.0
92 131.2 106.1 159.1

Manual Integrations

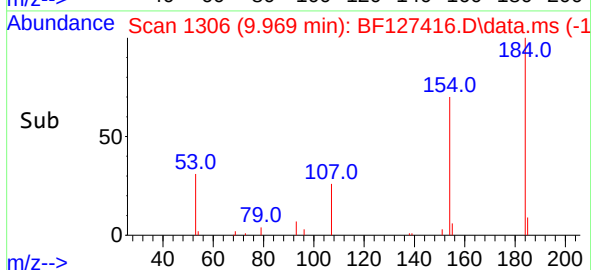
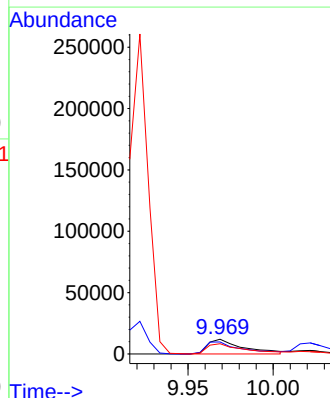
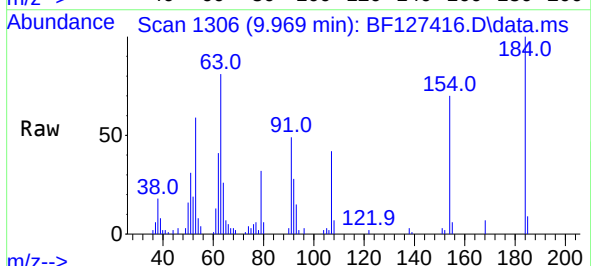
APPROVED

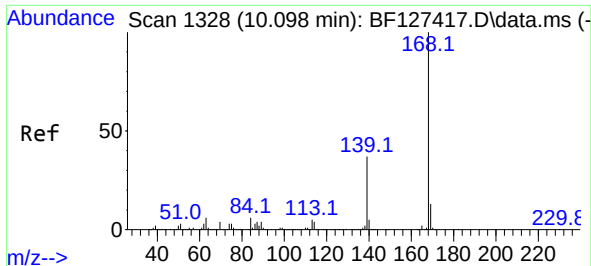
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#54
2,4-Dinitrophenol
Concen: 12.940 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

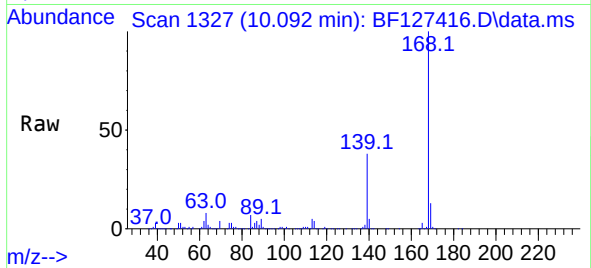
Tgt Ion:184 Resp: 17229
Ion Ratio Lower Upper
184 100
63 81.3 58.1 87.1
154 69.6 53.2 79.8





#55
Dibenzenofuran
Concen: 21.394 ng
RT: 10.092 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

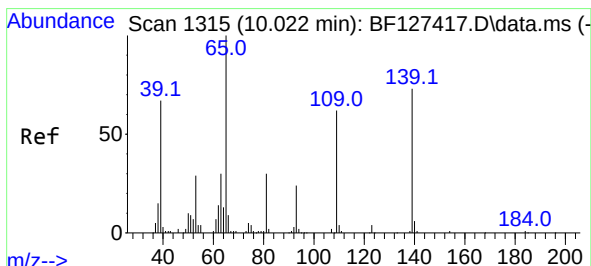
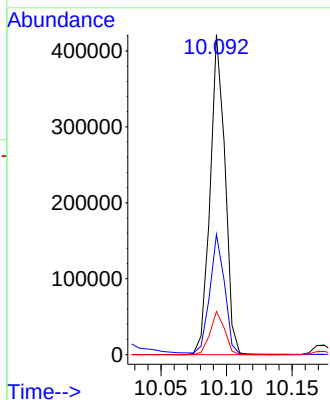
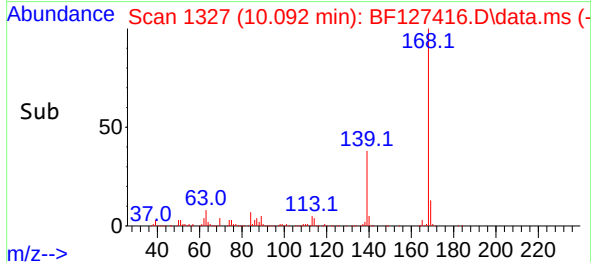
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



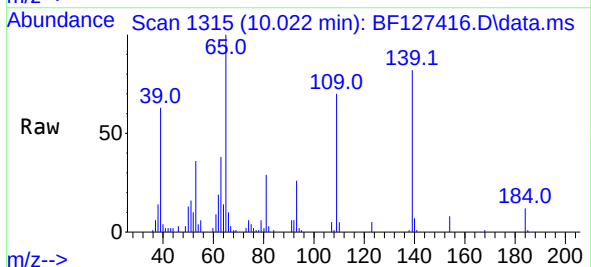
Tgt Ion:168 Resp: 332045
Ion Ratio Lower Upper
168 100
139 37.6 30.3 45.5
169 13.5 10.8 16.2

Manual Integrations
APPROVED

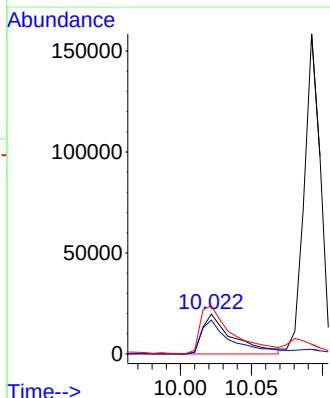
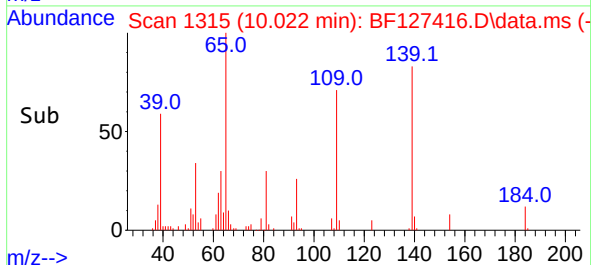
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

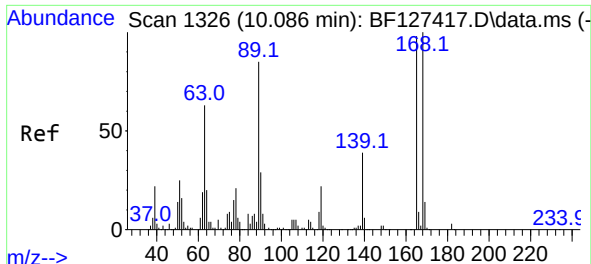


#56
4-Nitrophenol
Concen: 16.467 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:139 Resp: 29471
Ion Ratio Lower Upper
139 100
109 85.0 64.3 104.3
65 121.2 117.5 157.5





#57
2,4-Dinitrotoluene
Concen: 20.761 ng
RT: 10.081 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

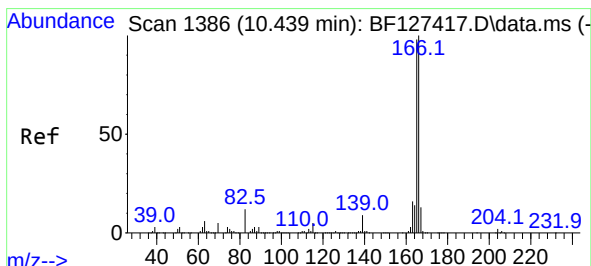
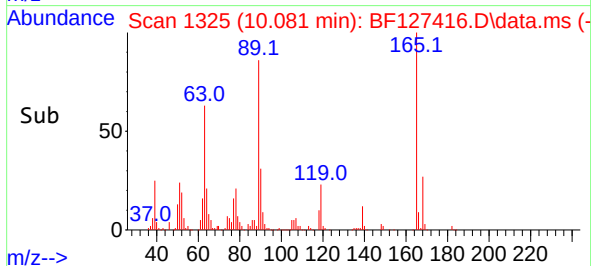
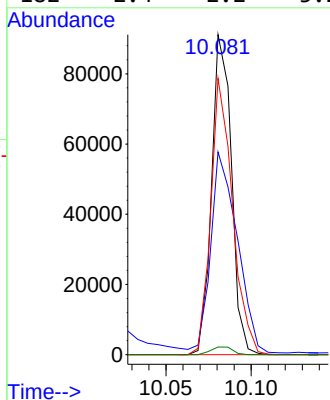
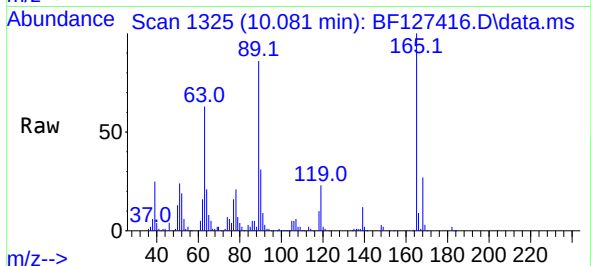
SSTDICC020

Tgt Ion:165 Resp: 73808
Ion Ratio Lower Upper
165 100
63 63.4 53.1 79.7
89 86.4 69.2 103.8
182 2.4 2.2 3.2

Manual Integrations

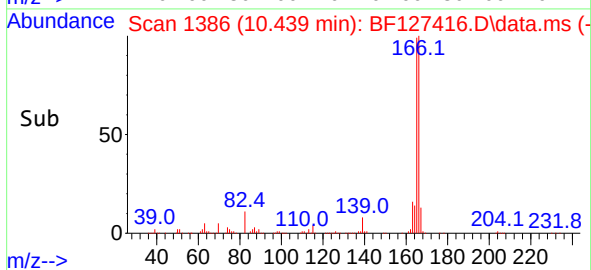
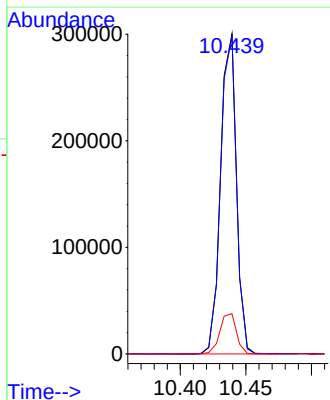
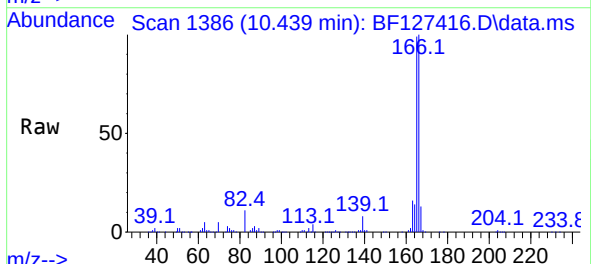
APPROVED

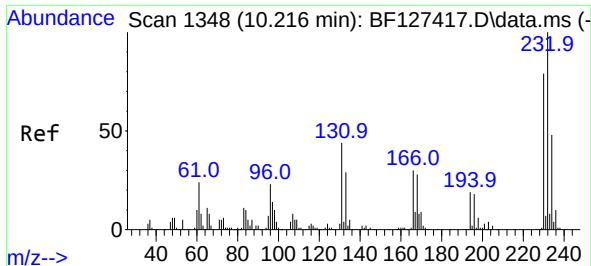
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 20.912 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:166 Resp: 251678
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 12.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.339 ng
RT: 10.216 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

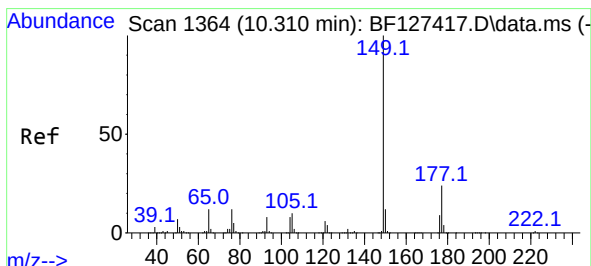
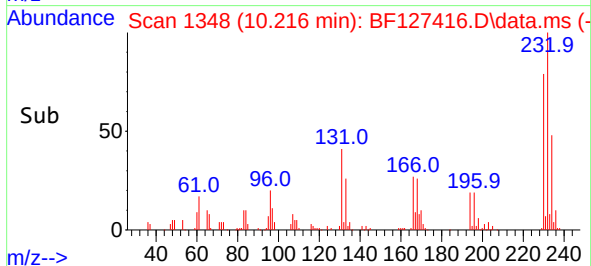
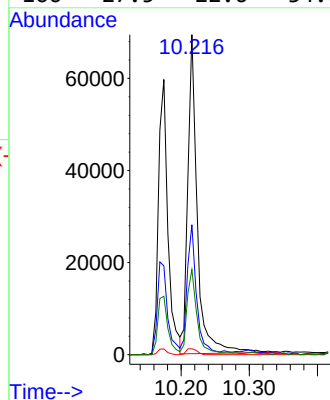
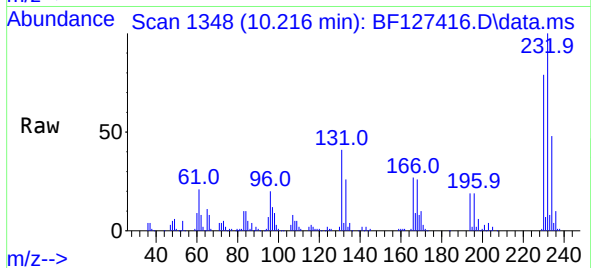
SSTDICC020

Tgt Ion:232 Resp: 6681
Ion Ratio Lower Upper
232 100
131 38.1 33.4 50.0
130 2.1 1.8 2.6
166 27.5 22.6 34.0

Manual Integrations

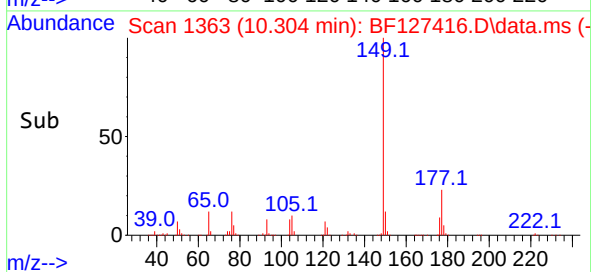
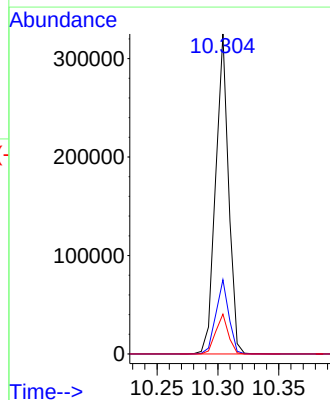
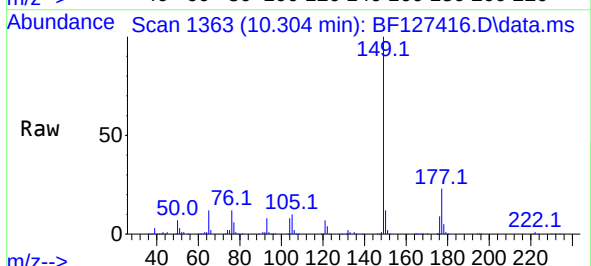
APPROVED

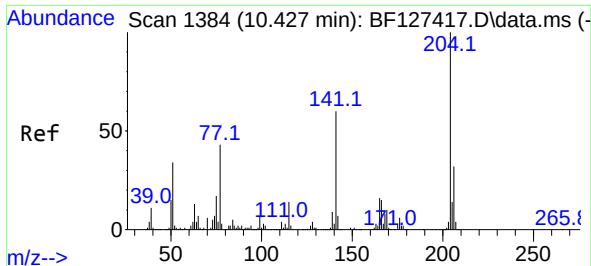
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#60
Diethylphthalate
Concen: 19.796 ng
RT: 10.304 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

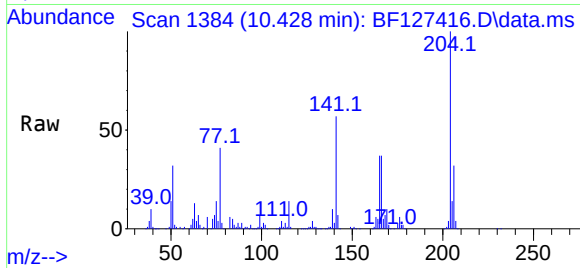
Tgt Ion:149 Resp: 241203
Ion Ratio Lower Upper
149 100
177 23.2 18.9 28.3
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 20.661 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

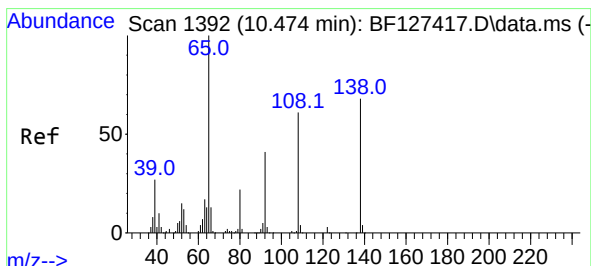
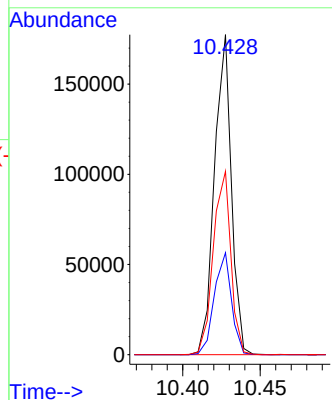
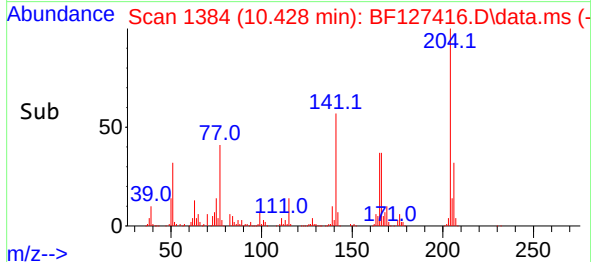
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 134750
Ion Ratio Lower Upper
204 100
206 31.8 25.9 38.9
141 57.3 47.8 71.8

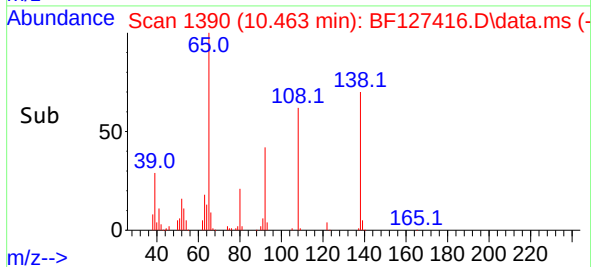
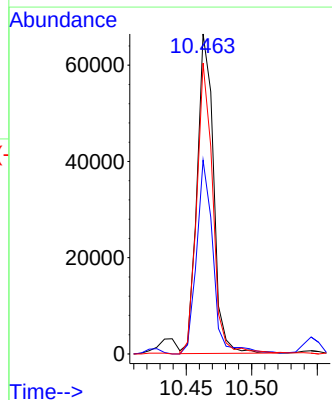
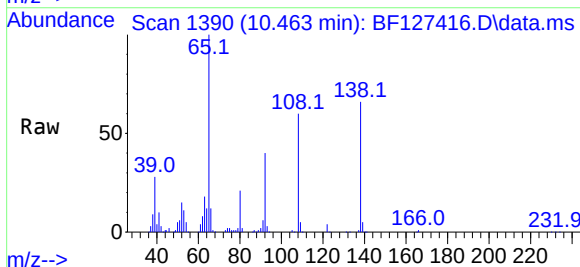
Manual Integrations
APPROVED

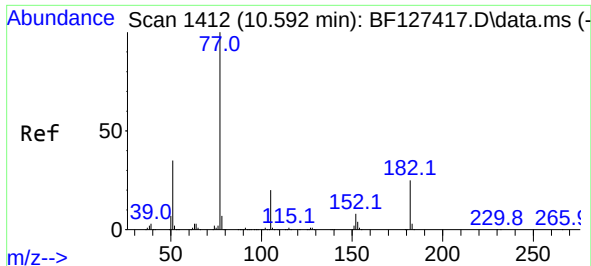
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 19.829 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

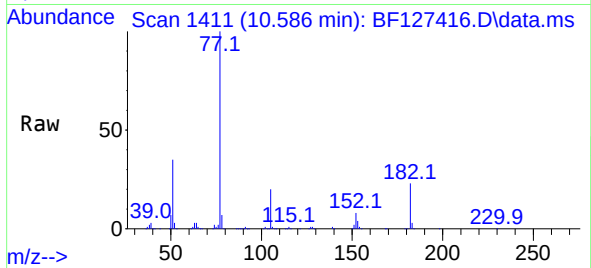
Tgt Ion:138 Resp: 58182
Ion Ratio Lower Upper
138 100
92 60.6 40.5 80.5
108 90.9 69.2 109.2





#63
Azobenzene
Concen: 20.393 ng
RT: 10.586 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

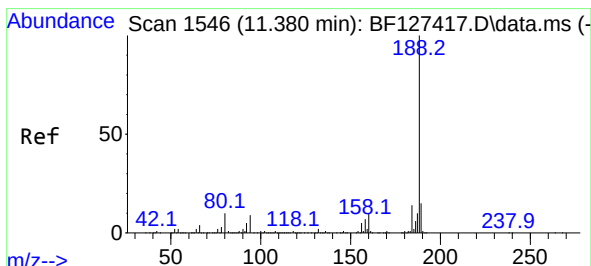
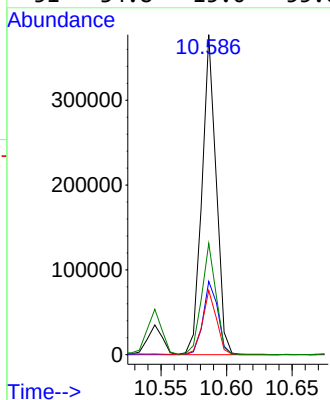
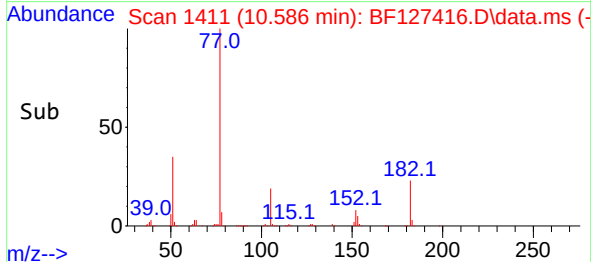
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



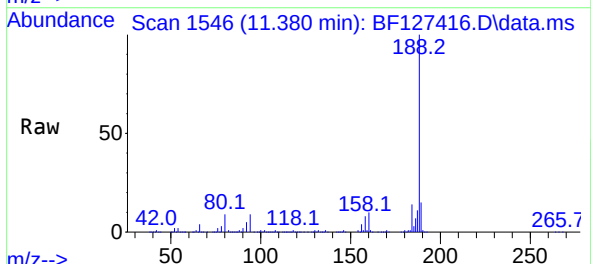
Tgt Ion: 77 Resp: 285625
Ion Ratio Lower Upper
77 100
182 22.9 4.5 44.5
105 20.1 0.3 40.3
51 34.8 15.0 55.0

Manual Integrations
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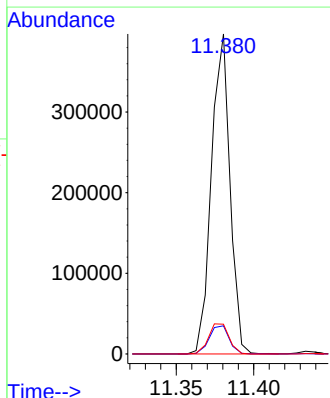
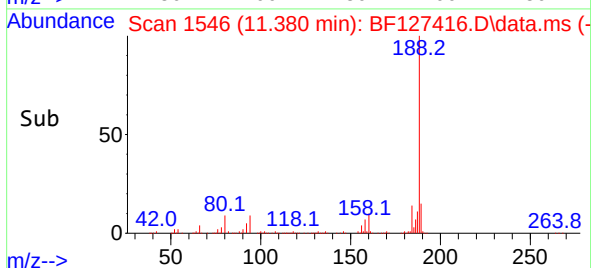
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

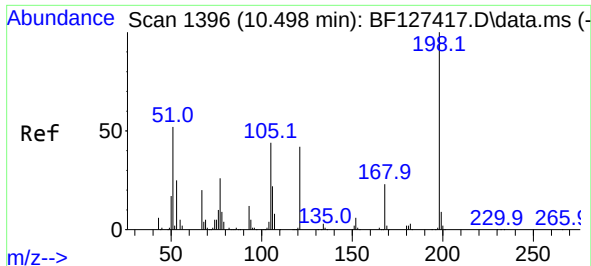


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:188 Resp: 330054
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.3 8.0 12.0





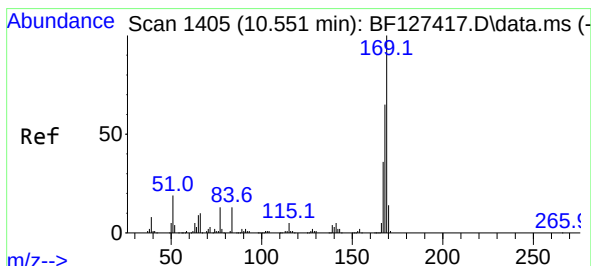
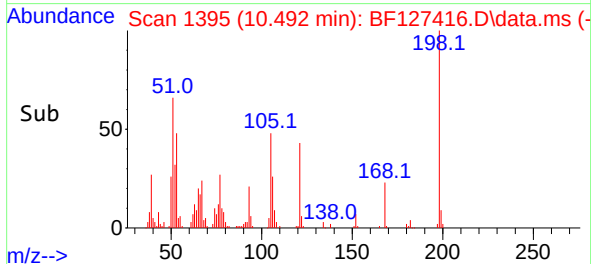
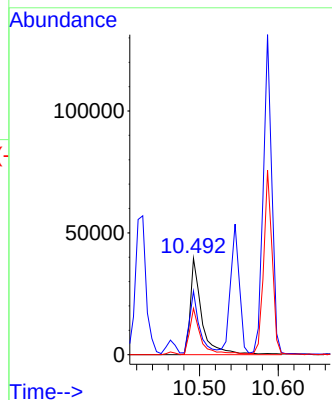
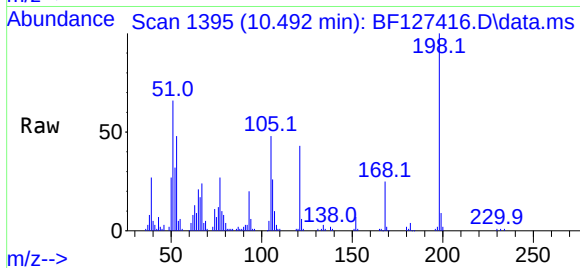
#65
4,6-Dinitro-2-methylphenol
Concen: 19.875 ng m
RT: 10.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4044
Ion Ratio Lower Upper
198 100
51 65.9 42.7 82.7
105 48.0 25.4 65.4

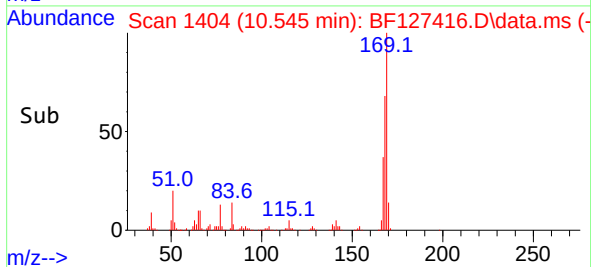
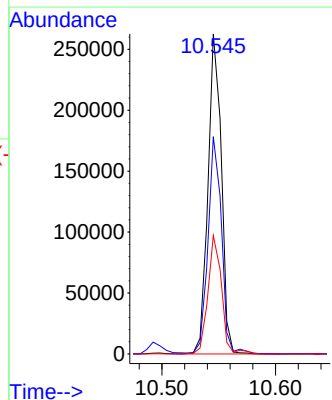
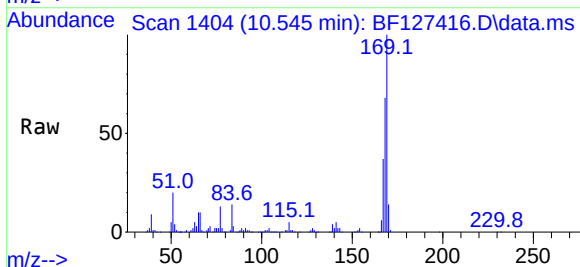
Manual Integrations
APPROVED

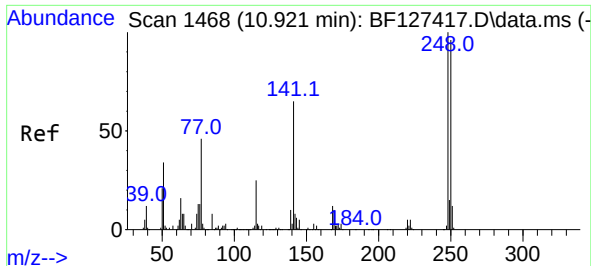
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 20.852 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:169 Resp: 213743
Ion Ratio Lower Upper
169 100
168 67.9 52.7 79.1
167 37.0 28.9 43.3





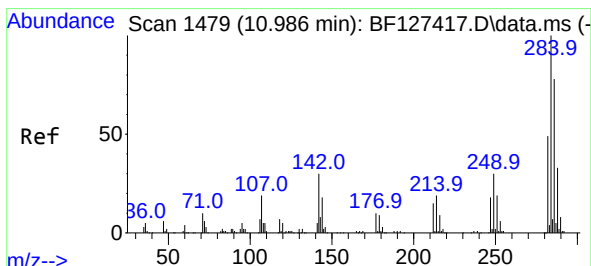
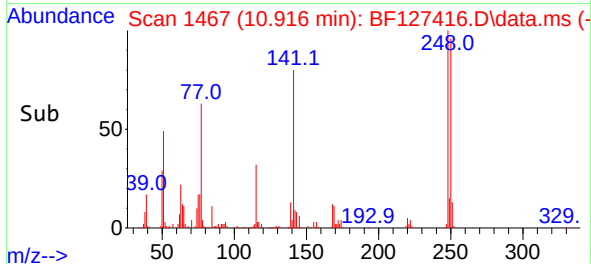
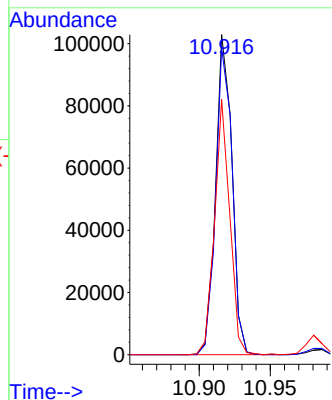
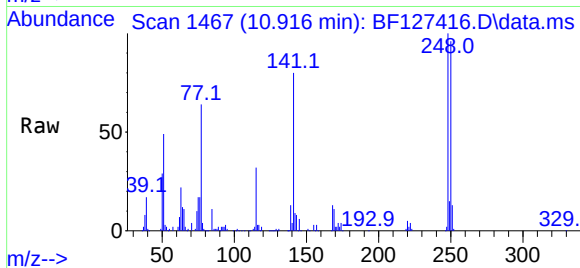
#67
4-Bromophenyl-phenylether
Concen: 20.611 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 82000
Ion Ratio Lower Upper
248 100
250 95.8 76.6 115.0
141 79.8 52.2 78.2

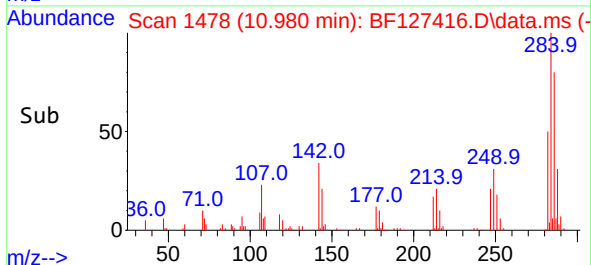
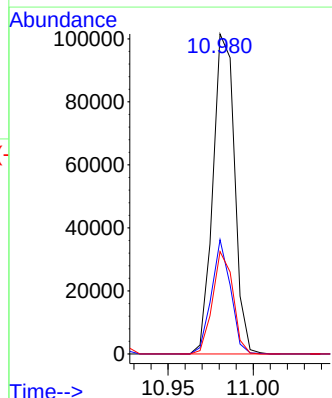
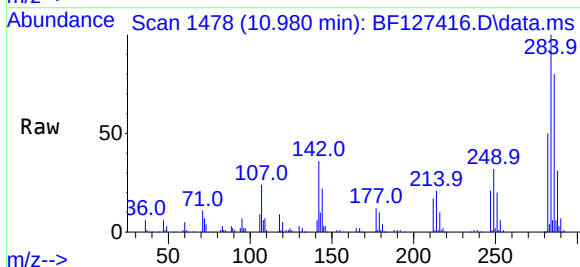
Manual Integrations
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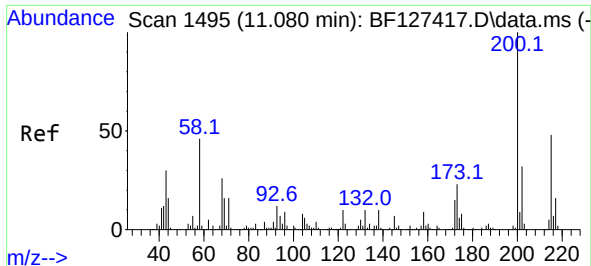
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#68
Hexachlorobenzene
Concen: 20.624 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:284 Resp: 89426
Ion Ratio Lower Upper
284 100
142 35.7 23.8 35.8
249 32.0 23.9 35.9





#69
Atrazine
Concen: 20.771 ng
RT: 11.075 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

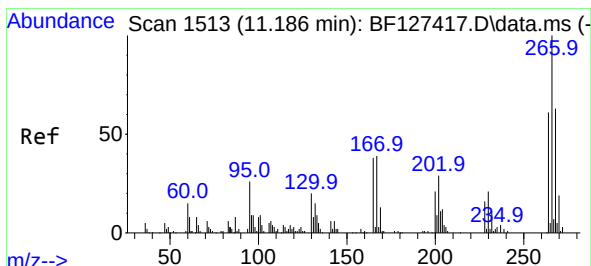
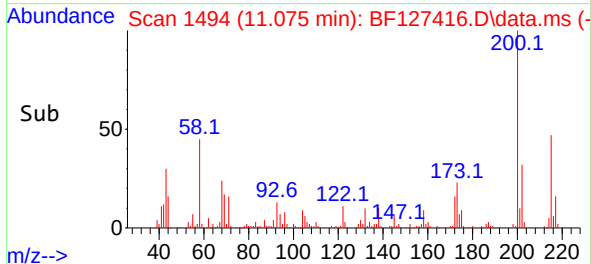
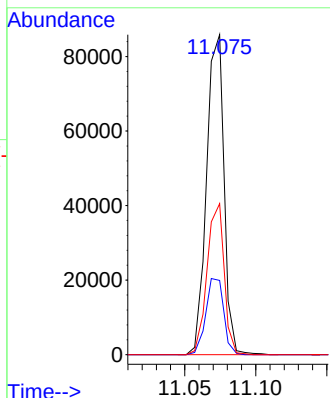
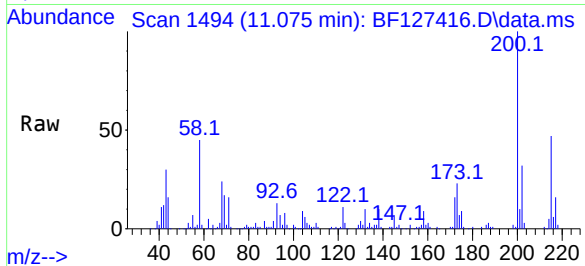
SSTDICC020

Tgt Ion:200 Resp: 73469
Ion Ratio Lower Upper
200 100
173 23.2 2.9 42.9
215 47.2 28.0 68.0

Manual Integrations

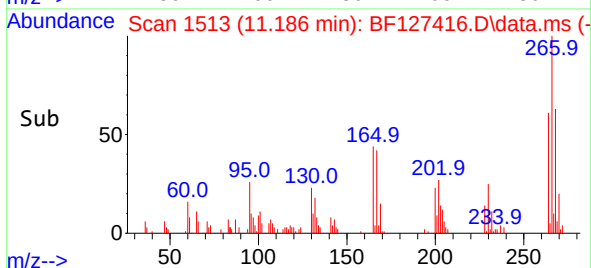
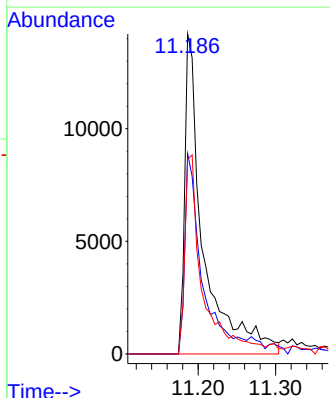
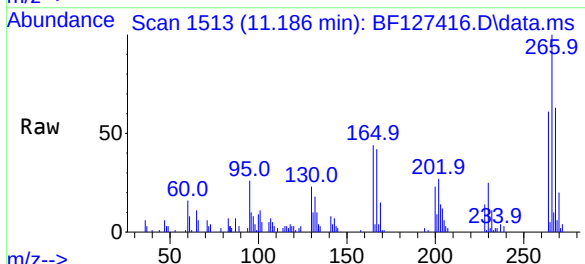
APPROVED

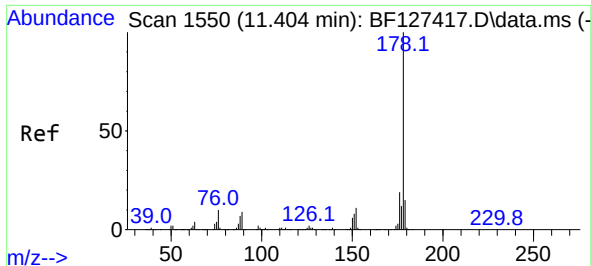
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#70
Pentachlorophenol
Concen: 13.625 ng m
RT: 11.186 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:266 Resp: 23854
Ion Ratio Lower Upper
266 100
268 62.5 50.4 75.6
264 60.8 48.5 72.7





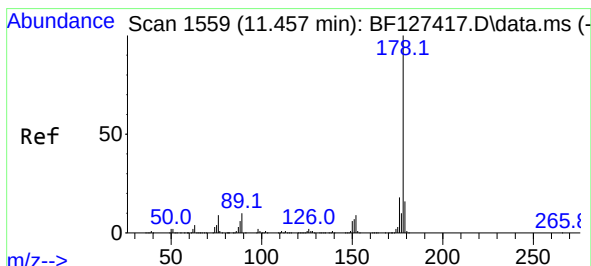
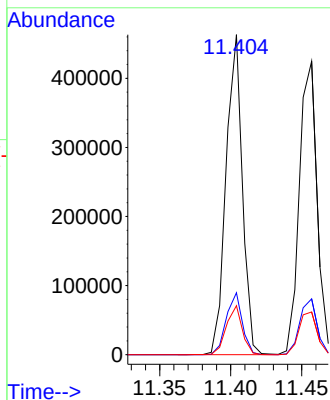
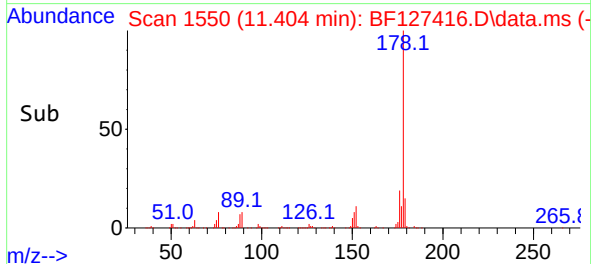
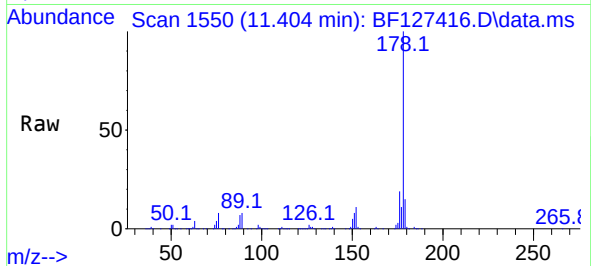
#71
Phenanthrene
Concen: 21.178 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 368984
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.4 18.6

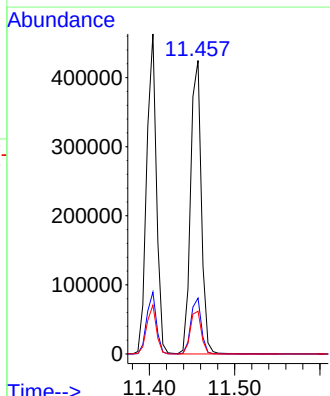
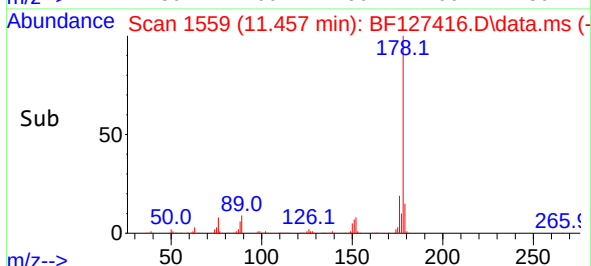
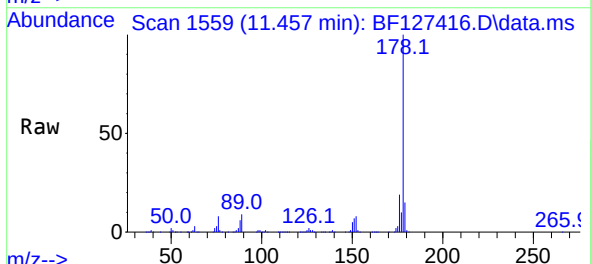
Manual Integrations
APPROVED

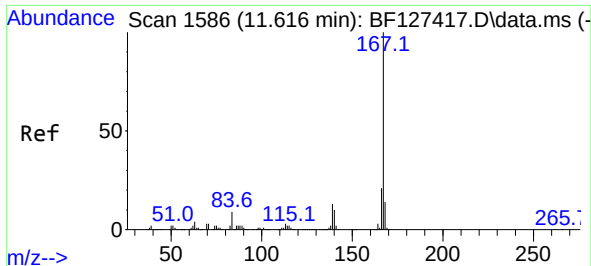
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#72
Anthracene
Concen: 21.445 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:178 Resp: 370033
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 14.6 12.4 18.6





#73
 Carbazole
 Concen: 21.643 ng
 RT: 11.616 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF127416.D
 Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

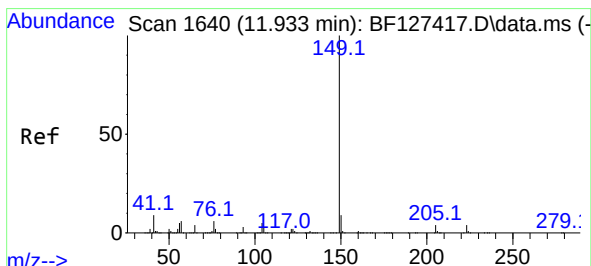
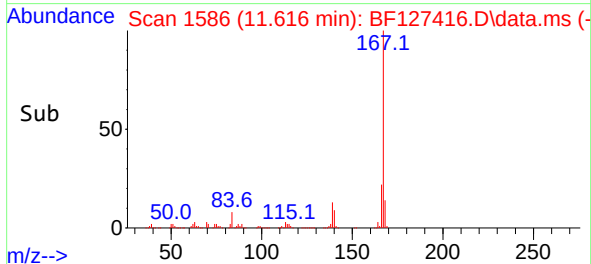
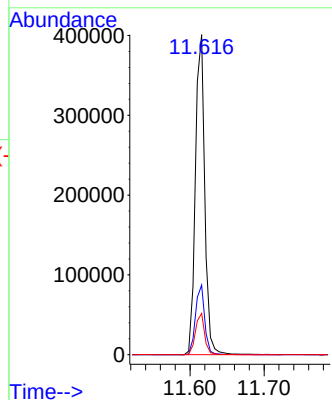
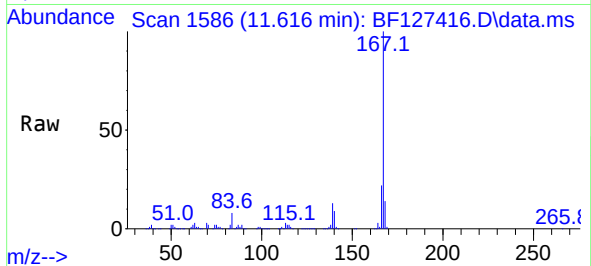
SSTDICC020

Tgt Ion:167 Resp: 351674
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 12.9 10.5 15.7

Manual Integrations

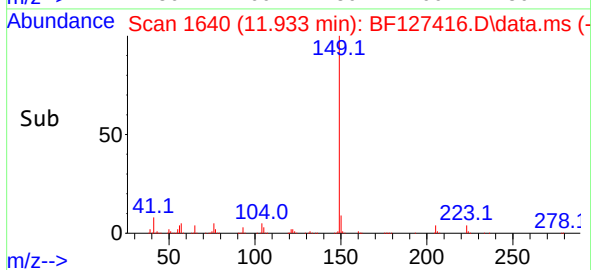
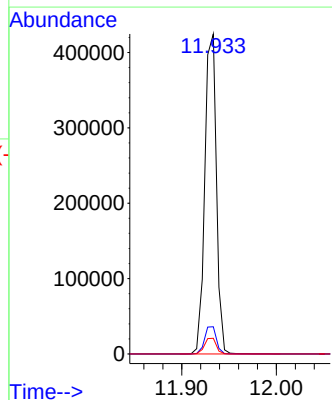
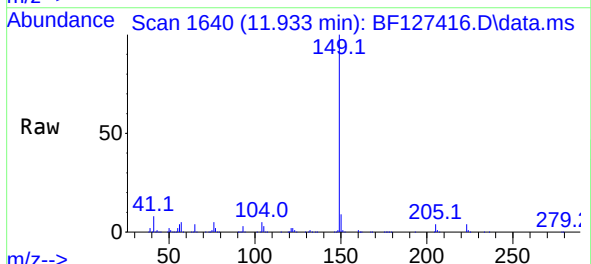
APPROVED

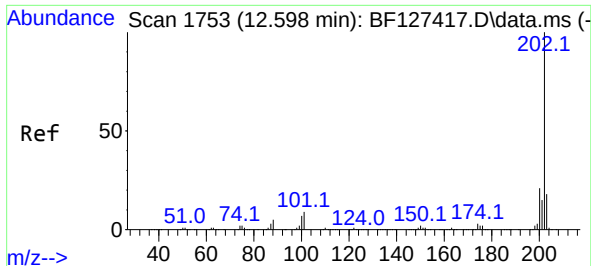
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#74
 Di-n-butylphthalate
 Concen: 19.048 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF127416.D
 Acq: 21 Mar 2022 18:39

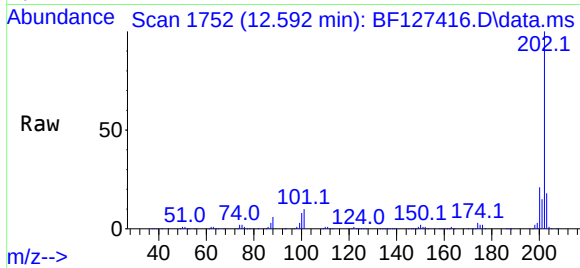
Tgt Ion:149 Resp: 362015
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.5 11.3
 104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 20.866 ng
RT: 12.592 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

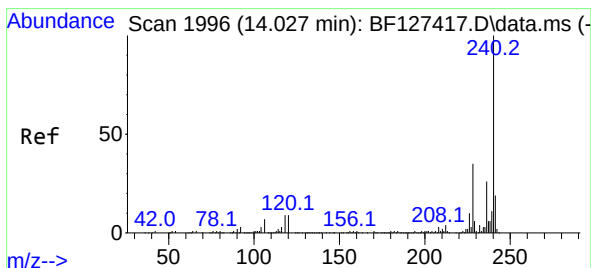
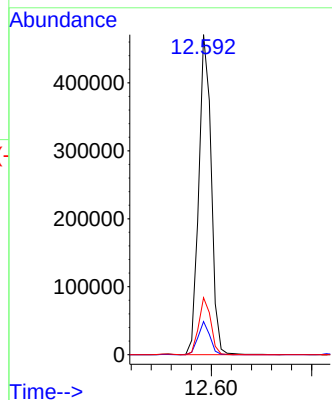
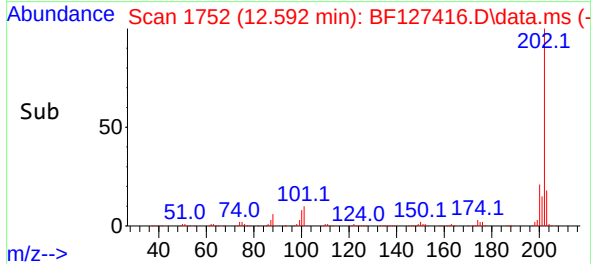
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



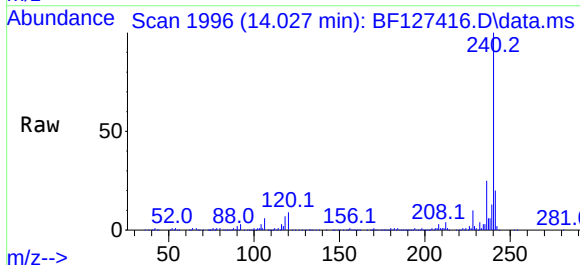
Tgt Ion:202 Resp: 406483
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.0
203 17.8 0.0 37.7

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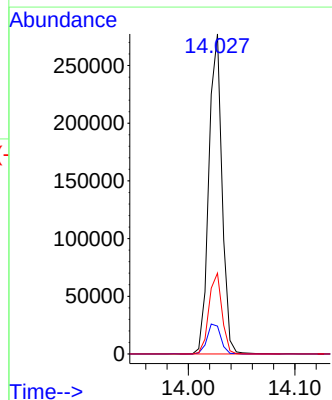
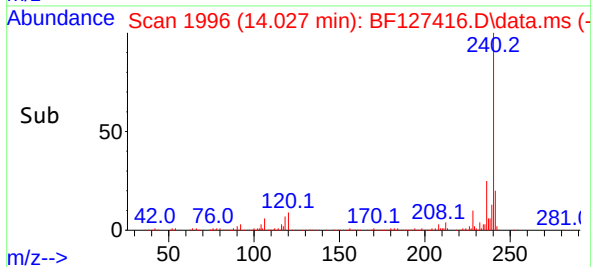
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

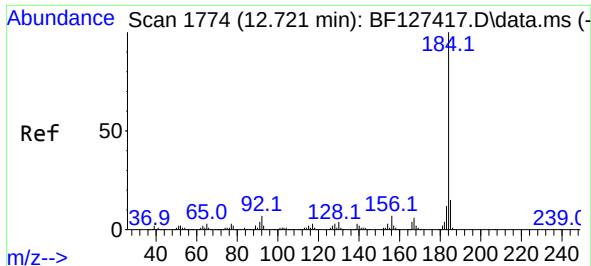


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



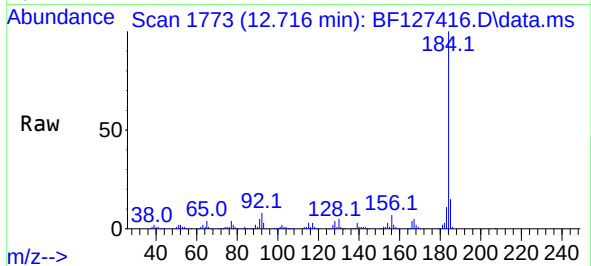
Tgt Ion:240 Resp: 238811
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.3 20.7 31.1





#77
Benzidine
Concen: 21.828 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

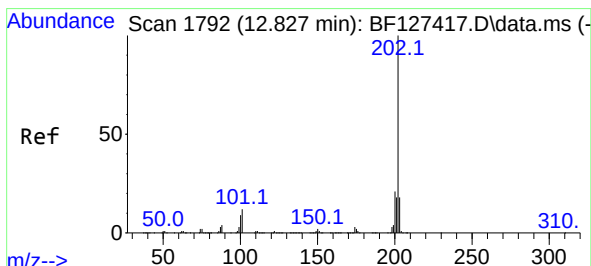
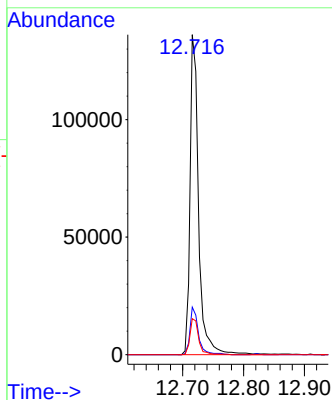
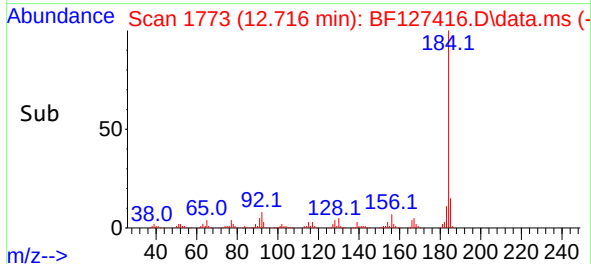
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



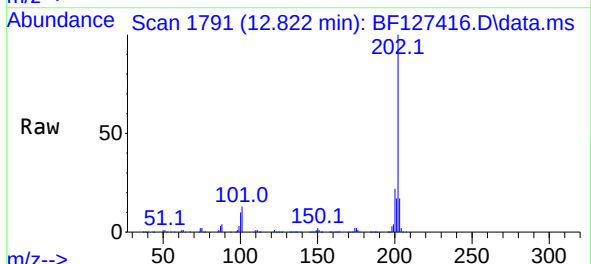
Tgt Ion:184 Resp: 132559
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.2 9.4 14.0

Manual Integrations
APPROVED

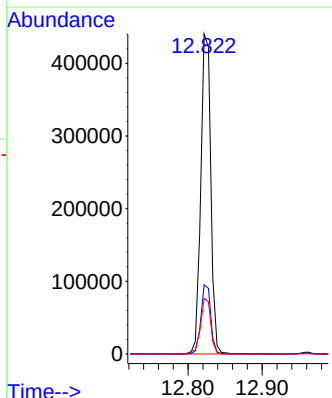
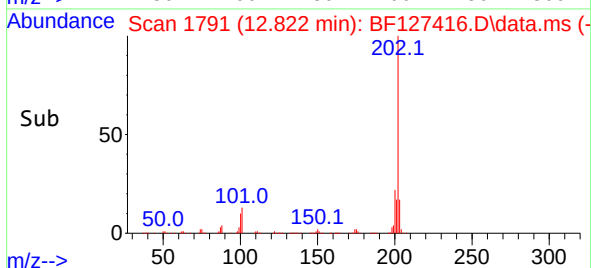
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

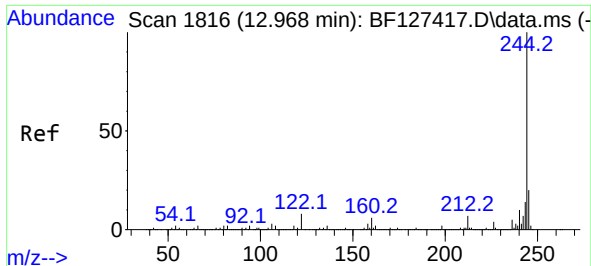


#78
Pyrene
Concen: 22.210 ng
RT: 12.822 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:202 Resp: 413125
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 42.808 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127416.D
 Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

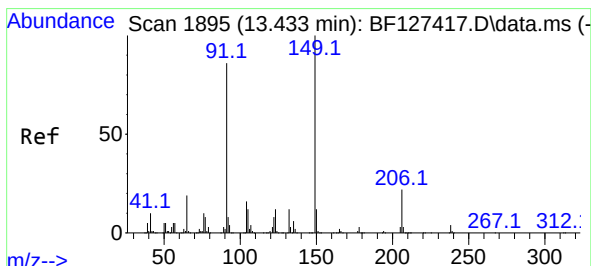
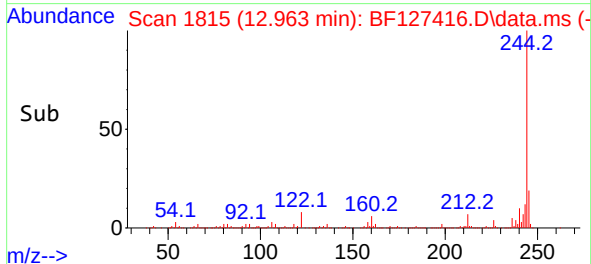
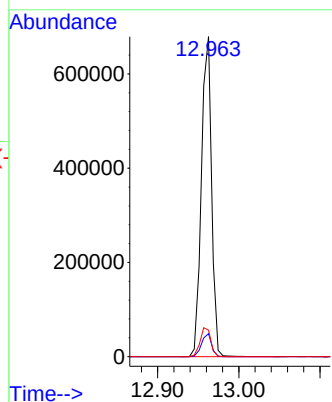
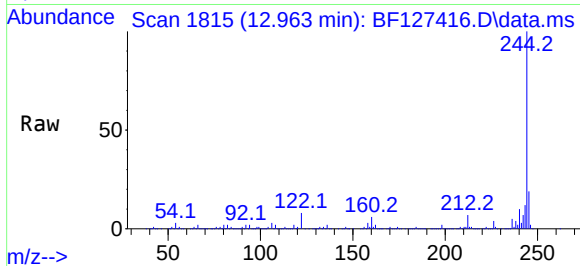
SSTDICC020

Tgt Ion:244 Resp: 593692
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 8.3 6.2 9.2

Manual Integrations

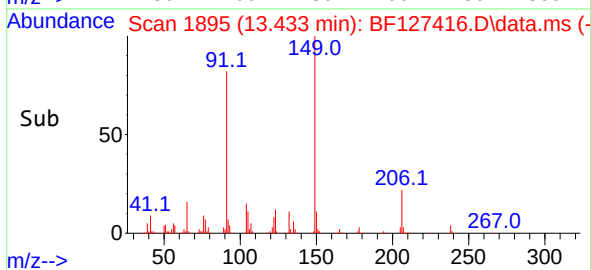
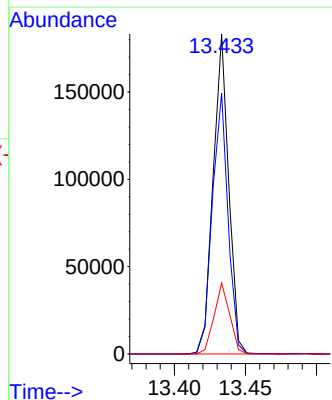
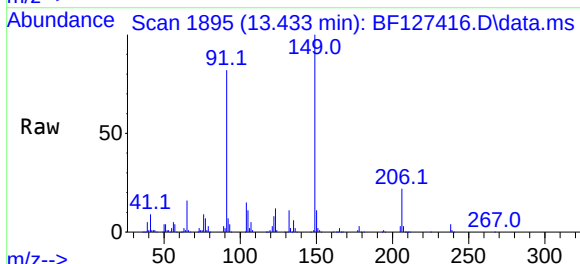
APPROVED

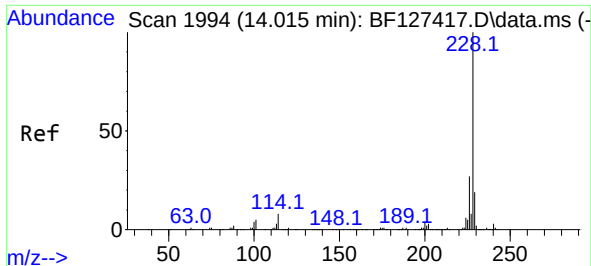
Reviewed By :Christian Giraldo 03/22/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#80
 Butylbenzylphthalate
 Concen: 19.430 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF127416.D
 Acq: 21 Mar 2022 18:39

Tgt Ion:149 Resp: 139095
 Ion Ratio Lower Upper
 149 100
 91 81.6 69.1 103.7
 206 22.2 17.7 26.5





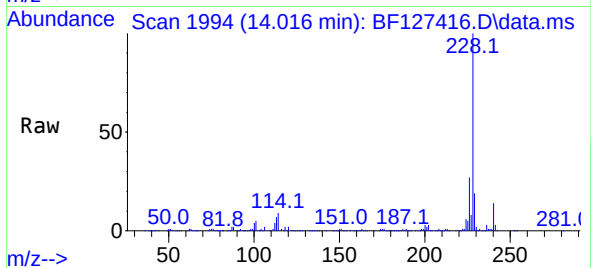
#81
Benzo(a)anthracene
Concen: 20.483 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

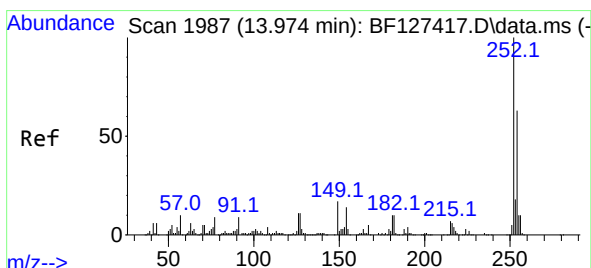
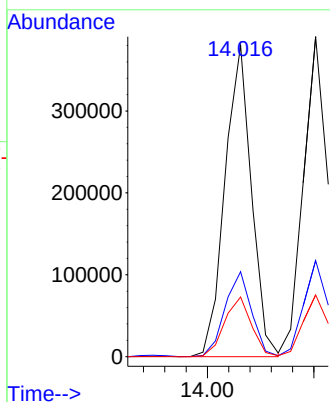
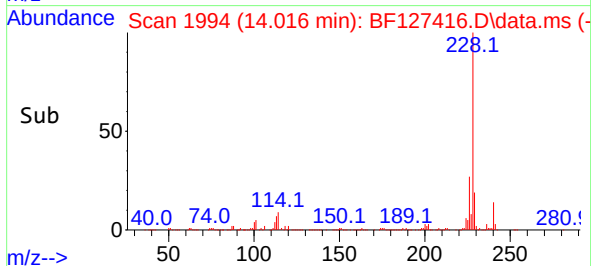


Tgt Ion:228 Resp: 32935
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.2 15.4 23.2

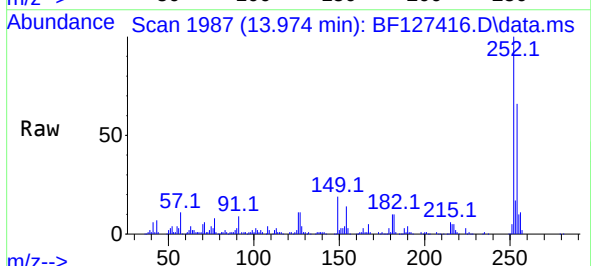
Manual Integrations

APPROVED

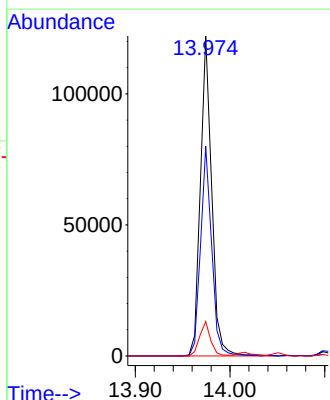
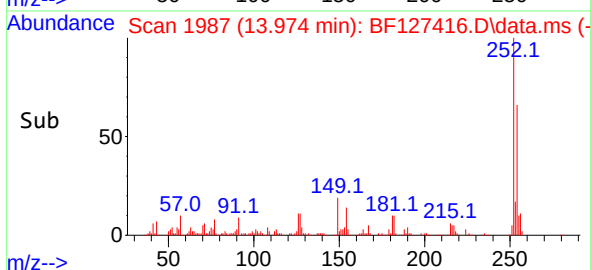
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

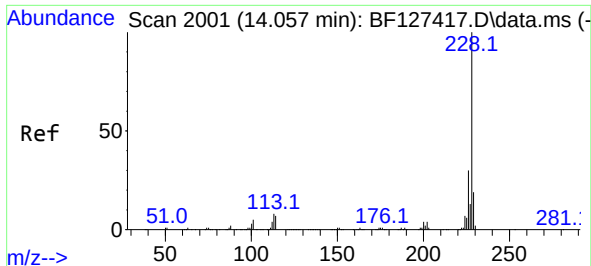


#82
3,3'-Dichlorobenzidine
Concen: 20.207 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



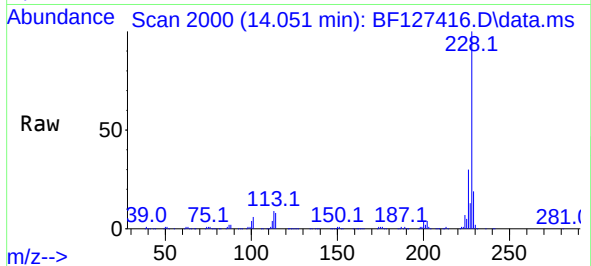
Tgt Ion:252 Resp: 101027
Ion Ratio Lower Upper
252 100
254 65.5 50.2 75.4
126 10.8 8.7 13.1





#83
Chrysene
Concen: 21.163 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

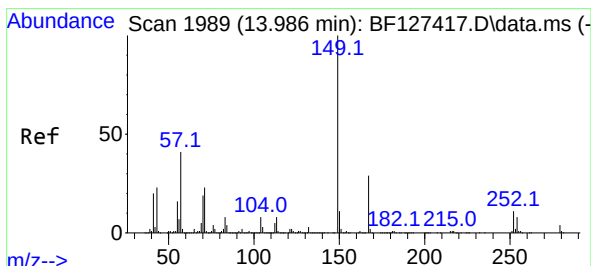
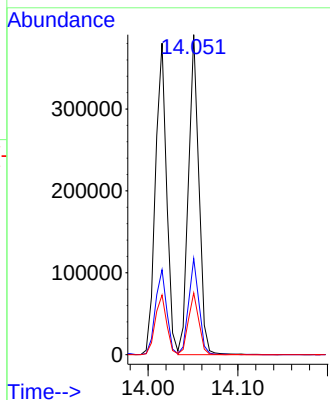
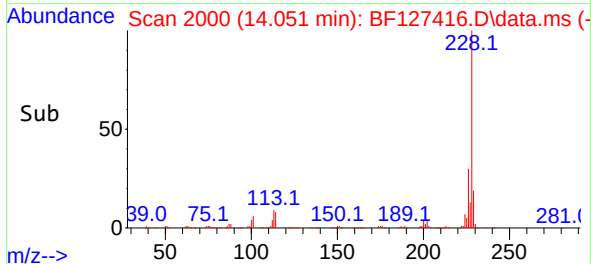
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



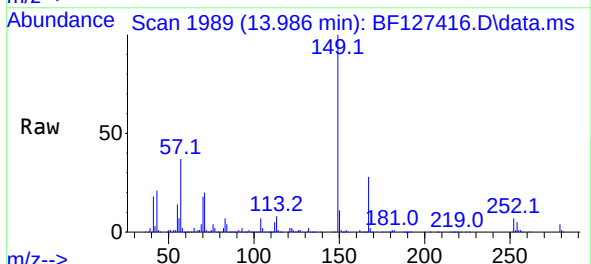
Tgt Ion:228 Resp: 316500
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.3 15.4 23.2

Manual Integrations
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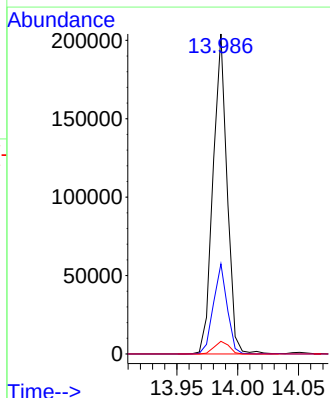
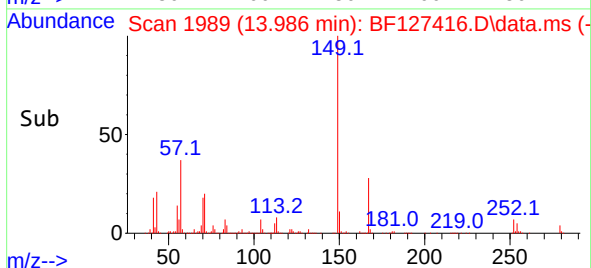
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

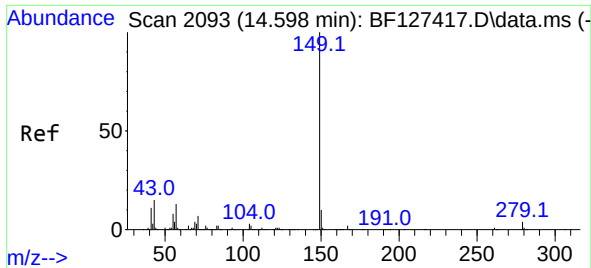


#84
Bis(2-ethylhexyl)phthalate
Concen: 17.040 ng
RT: 13.986 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



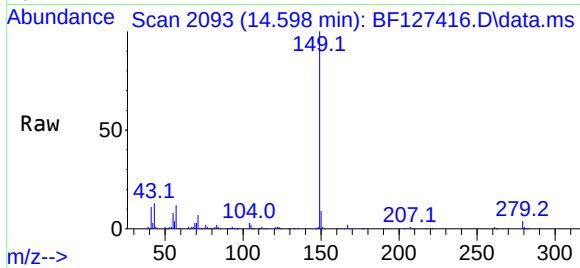
Tgt Ion:149 Resp: 164209
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 14.072 ng
RT: 14.598 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

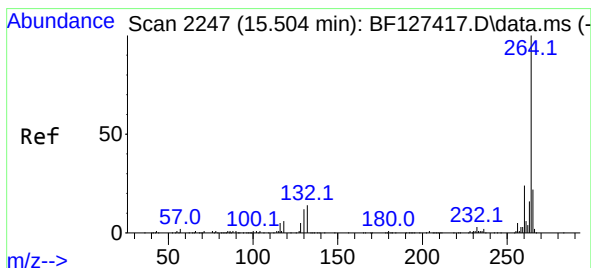
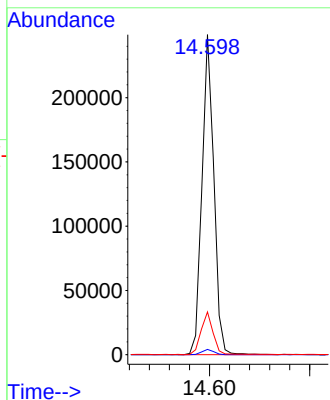
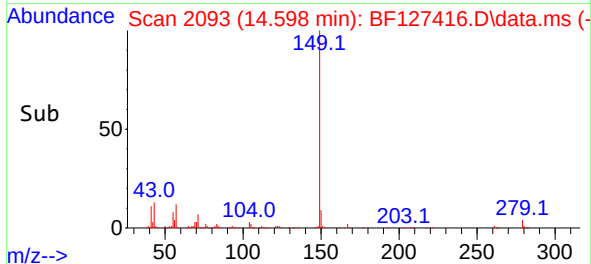
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



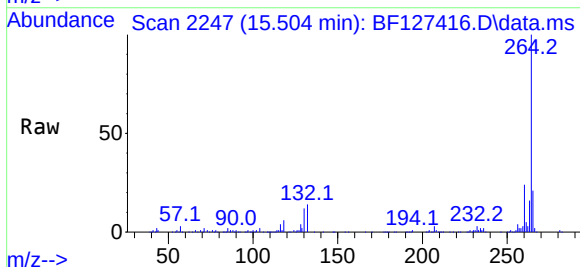
Tgt Ion:149 Resp: 205250
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.9 11.0 16.6

Manual Integrations
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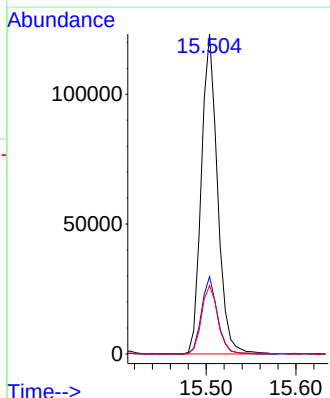
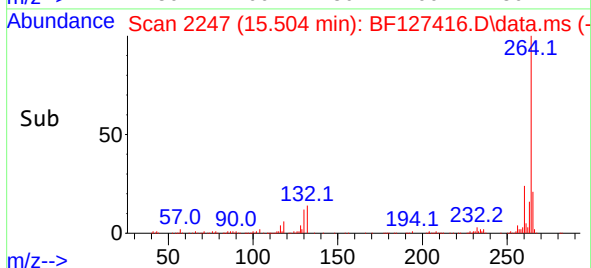
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

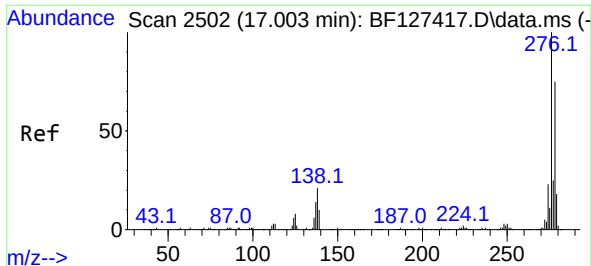


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



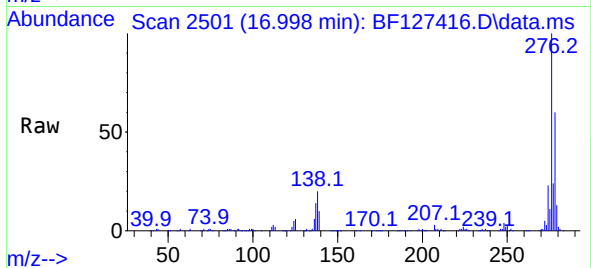
Tgt Ion:264 Resp: 154108
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 24.132 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

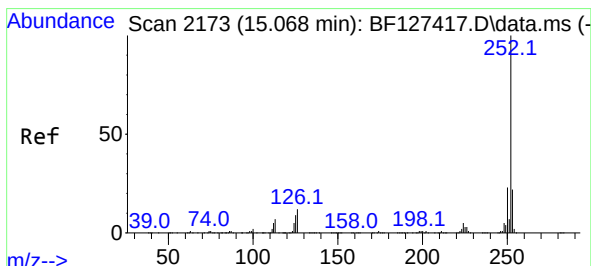
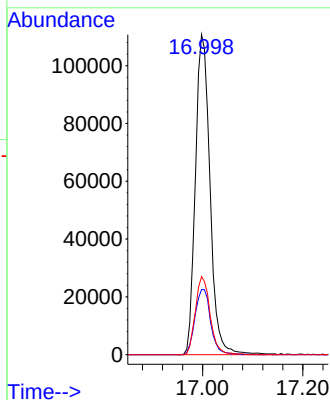
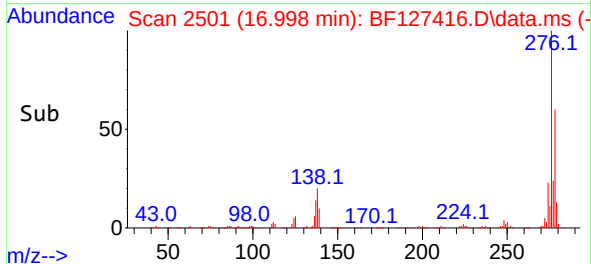
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



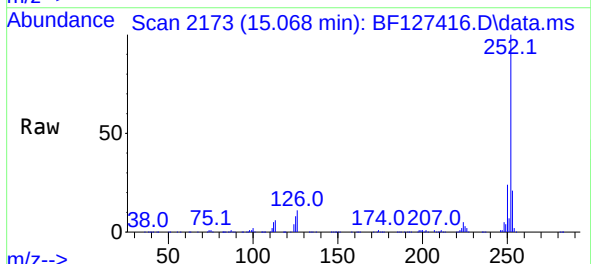
Tgt Ion:276 Resp: 22403
Ion Ratio Lower Upper
276 100
138 21.8 17.1 25.7
277 24.5 19.9 29.9

Manual Integrations
APPROVED

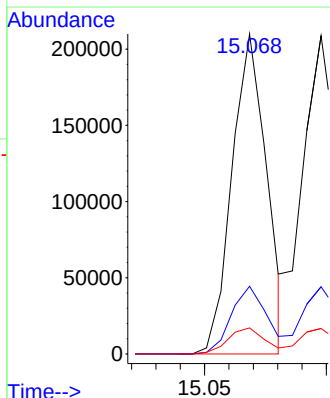
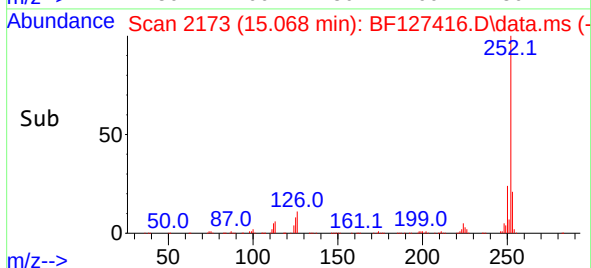
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

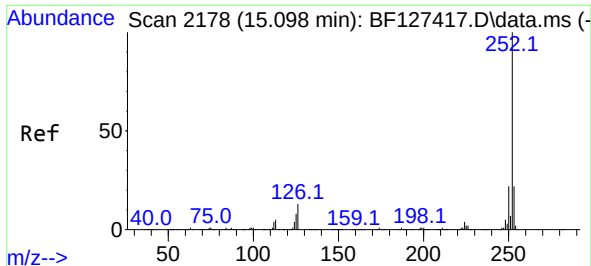


#88
Benzo(b)fluoranthene
Concen: 20.607 ng
RT: 15.068 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



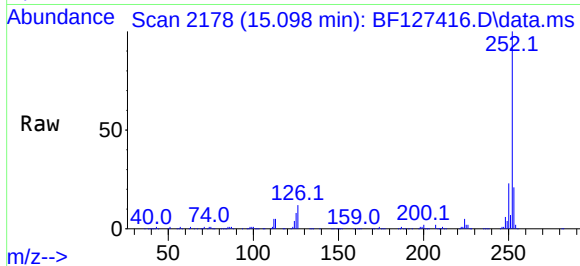
Tgt Ion:252 Resp: 208456
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 8.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 23.423 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

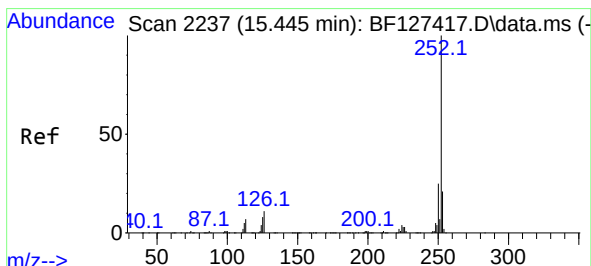
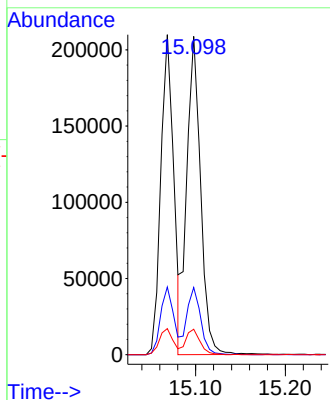
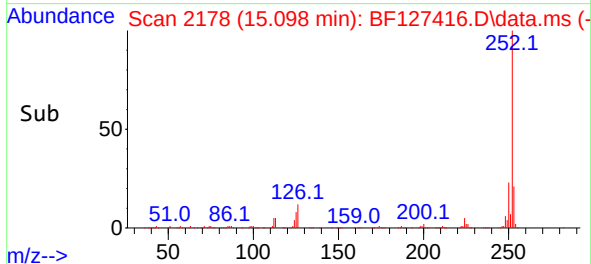
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



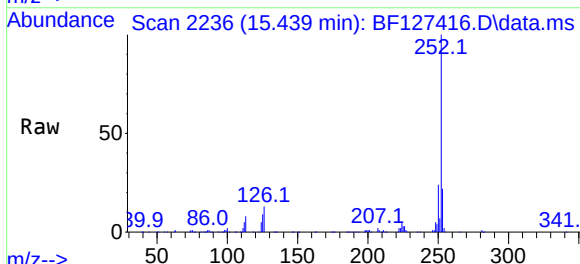
Tgt Ion:252 Resp: 222788
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 8.0 6.9 10.3

Manual Integrations
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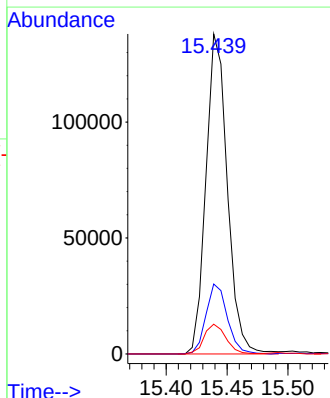
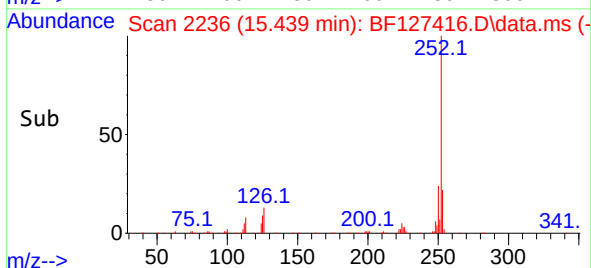
Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

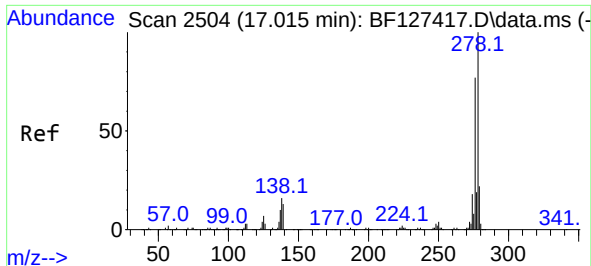


#90
Benzo(a)pyrene
Concen: 21.207 ng
RT: 15.439 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39



Tgt Ion:252 Resp: 168928
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 9.3 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 24.076 ng
RT: 17.009 min Scan# 2503
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Instrument :

BNA_F

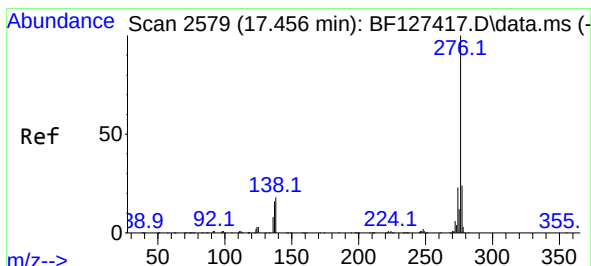
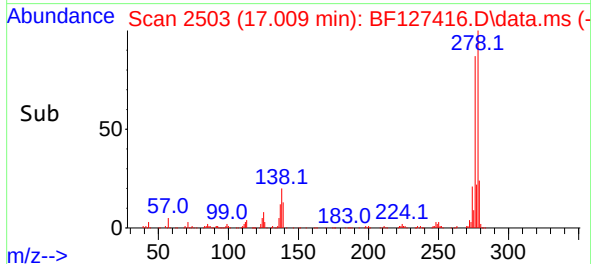
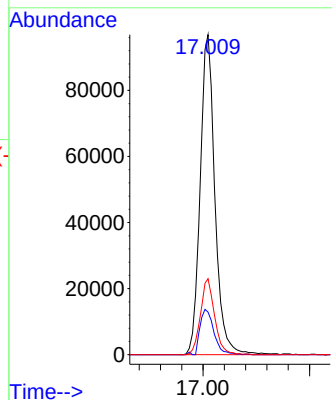
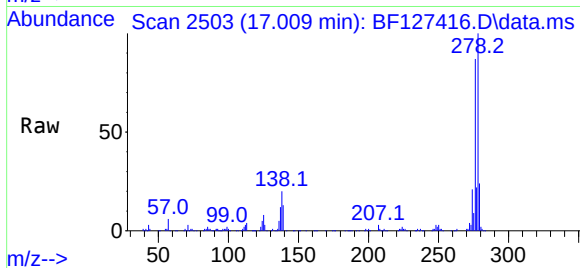
ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 18603
Ion Ratio Lower Upper
278 100
139 13.3 10.8 16.2
279 23.7 17.7 26.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#92
Benzo(g,h,i)perylene
Concen: 25.313 ng
RT: 17.451 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF127416.D
Acq: 21 Mar 2022 18:39

Tgt Ion:276 Resp: 190785
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 20.4 14.6 22.0

