

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127541.D
 Acq On : 28 Mar 2022 14:47
 Operator : CG\JU
 Sample : PB143603BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143603BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Quant Time: Mar 29 07:15:46 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 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	111115	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	414017	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	235261	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	400962	20.000	ng	0.00
76) Chrysene-d12	14.016	240	255812	20.000	ng	0.00
86) Perylene-d12	15.492	264	199077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	798357	114.688	ng	0.02
7) Phenol-d6	6.481	99	1071293	112.586	ng	0.00
23) Nitrobenzene-d5	7.410	82	741397	76.547	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	272448	108.713	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1229911	76.339	ng	0.00
79) Terphenyl-d14	12.951	244	1278220	81.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	121475	39.732	ng	95
3) Pyridine	3.475	79	259409	30.061	ng	95
4) n-Nitrosodimethylamine	3.428	42	212912	44.938	ng	98
6) Aniline	6.504	93	404109	35.588	ng	# 89
8) 2-Chlorophenol	6.628	128	322509	45.337	ng	99
9) Benzaldehyde	6.392	77	197181	40.541	ng	99
10) Phenol	6.498	94	440153	42.475	ng	# 75
11) bis(2-Chloroethyl)ether	6.575	93	347775	45.866	ng	100
12) 1,3-Dichlorobenzene	6.775	146	328270	41.029	ng	97
13) 1,4-Dichlorobenzene	6.851	146	334316	41.540	ng	99
14) 1,2-Dichlorobenzene	7.004	146	316654	40.397	ng	99
15) Benzyl Alcohol	6.987	79	324204	46.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	608493	44.596	ng	89
17) 2-Methylphenol	7.098	107	259105	43.159	ng	# 92
18) Hexachloroethane	7.339	117	129514	43.957	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	248824	43.625	ng	98
20) 3+4-Methylphenols	7.251	107	309263	41.766	ng	93
22) Acetophenone	7.251	105	436630	41.257	ng	97
24) Nitrobenzene	7.428	77	392015	42.440	ng	99
25) Isophorone	7.663	82	696293	45.137	ng	100
26) 2-Nitrophenol	7.739	139	163020	42.081	ng	100
27) 2,4-Dimethylphenol	7.775	122	282206	48.428	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	427863	42.697	ng	98
29) 2,4-Dichlorophenol	7.987	162	275617	41.663	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	309299	40.123	ng	97
31) Naphthalene	8.139	128	905754	41.207	ng	98
32) Benzoic acid	7.945	122	159573m	47.691	ng	
33) 4-Chloroaniline	8.198	127	175220	20.571	ng	97
34) Hexachlorobutadiene	8.245	225	193927	39.616	ng	97
35) Caprolactam	8.586	113	83187m	40.789	ng	
36) 4-Chloro-3-methylphenol	8.686	107	301980	42.073	ng	98
37) 2-Methylnaphthalene	8.834	142	609867	43.149	ng	100
38) 1-Methylnaphthalene	8.934	142	558328	39.949	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	315406	42.165	ng	99
41) Hexachlorocyclopentadiene	8.975	237	215235	82.177	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	190538	42.139	ng	97

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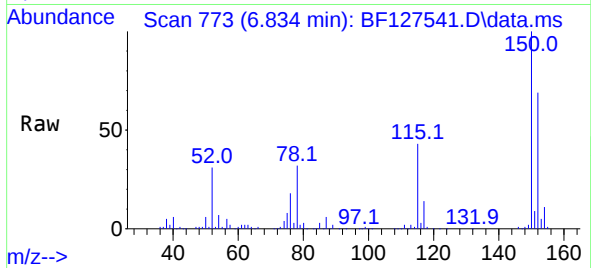
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	197554	42.444	ng	98
46) 1,1'-Biphenyl	9.298	154	741185	41.714	ng	99
47) 2-Chloronaphthalene	9.322	162	568895	40.658	ng	97
48) 2-Nitroaniline	9.433	65	224658	41.894	ng	94
49) Acenaphthylene	9.739	152	845554	39.973	ng	100
50) Dimethylphthalate	9.604	163	690645	42.198	ng	100
51) 2,6-Dinitrotoluene	9.675	165	147652	42.977	ng	# 84
52) Acenaphthene	9.910	154	511978	41.483	ng	98
53) 3-Nitroaniline	9.845	138	104533	27.738	ng	97
54) 2,4-Dinitrophenol	9.963	184	126904	73.929	ng	97
55) Dibenzofuran	10.086	168	740398	41.304	ng	98
56) 4-Nitrophenol	10.028	139	151177	78.816	ng	94
57) 2,4-Dinitrotoluene	10.080	165	180413	40.798	ng	92
58) Fluorene	10.428	166	603867	42.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	167764	40.767	ng	98
60) Diethylphthalate	10.298	149	625715	41.857	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	325106	38.434	ng	96
62) 4-Nitroaniline	10.469	138	136235	38.593	ng	98
63) Azobenzene	10.575	77	715370	40.557	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	99202	40.208	ng	96
66) n-Nitrosodiphenylamine	10.539	169	528215	43.277	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	197257	42.137	ng	93
68) Hexachlorobenzene	10.975	284	220125	43.078	ng	95
69) Atrazine	11.069	200	199330	49.056	ng	98
70) Pentachlorophenol	11.175	266	165467	83.543	ng	99
71) Phenanthrene	11.392	178	858176	41.053	ng	99
72) Anthracene	11.445	178	881040	42.472	ng	99
73) Carbazole	11.604	167	774843	39.058	ng	99
74) Di-n-butylphthalate	11.916	149	965209	47.004	ng	99
75) Fluoranthene	12.586	202	948299	41.245	ng	99
77) Benzidine	12.710	184	326265	53.490	ng	99
78) Pyrene	12.816	202	929992	42.360	ng	100
80) Butylbenzylphthalate	13.421	149	359774	49.791	ng	93
81) Benzo(a)anthracene	14.004	228	694344	40.587	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	147968	29.430	ng	96
83) Chrysene	14.045	228	680995	42.038	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	454533	54.418	ng	99
85) Di-n-octyl phthalate	14.586	149	695142	62.541	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	562864	41.784	ng	99
88) Benzo(b)fluoranthene	15.057	252	583292	46.469	ng	98
89) Benzo(k)fluoranthene	15.086	252	549234	42.208	ng	97
90) Benzo(a)pyrene	15.433	252	542842	52.696	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	484113	43.529	ng	99
92) Benzo(g,h,i)perylene	17.445	276	481760	41.909	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

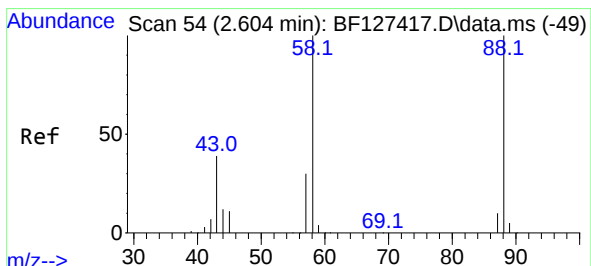
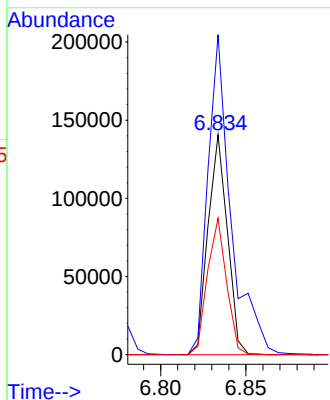
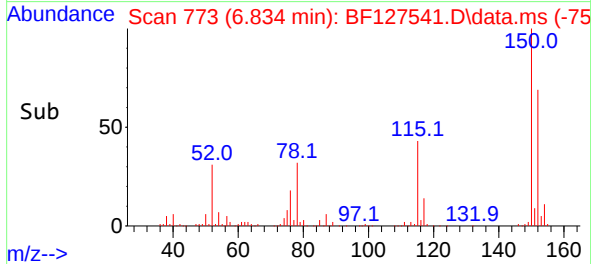
Instrument :
BNA_F
ClientSampleId :
PB143603BS



Tgt Ion:152 Resp: 111111
Ion Ratio Lower Upper
152 100
150 145.5 117.2 175.8
115 62.1 49.8 74.6

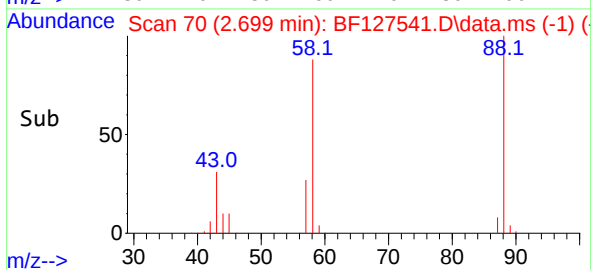
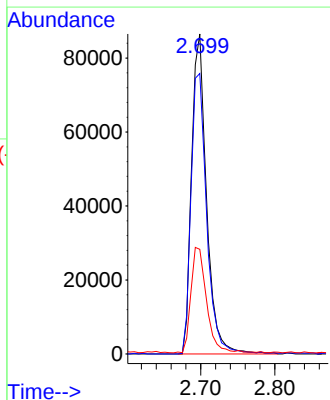
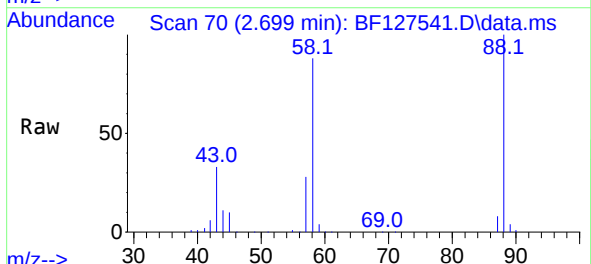
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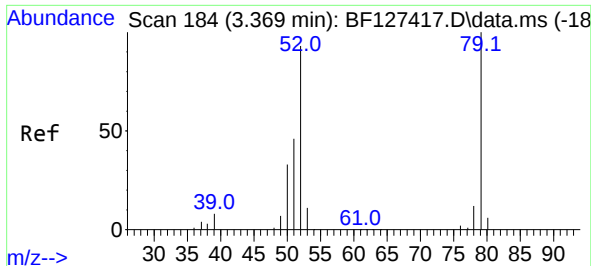
Reviewed By :Christian Giraldo 03/29/2022
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#2
1,4-Dioxane
Concen: 39.732 ng
RT: 2.699 min Scan# 70
Delta R.T. 0.112 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

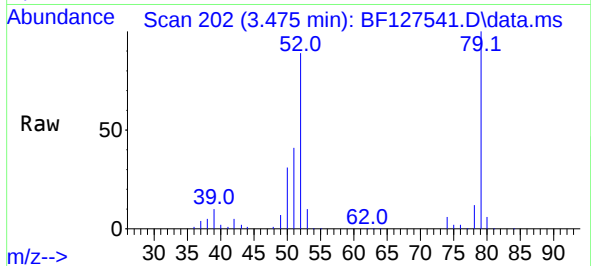
Tgt Ion: 88 Resp: 121475
Ion Ratio Lower Upper
88 100
58 91.8 77.0 115.4
43 34.5 31.3 46.9





#3
Pyridine
Concen: 30.061 ng
RT: 3.475 min Scan# 20
Delta R.T. 0.130 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

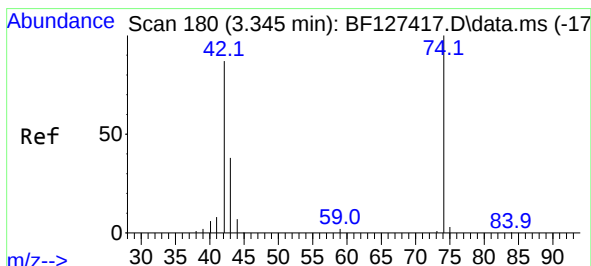
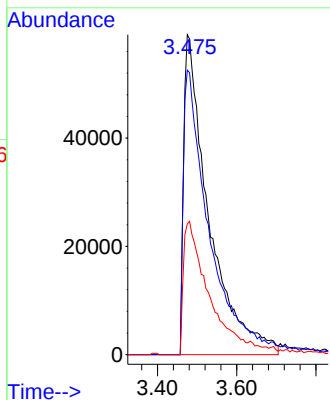
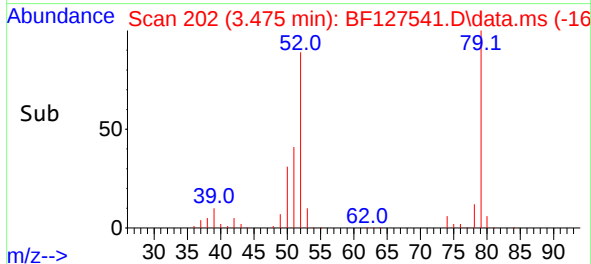
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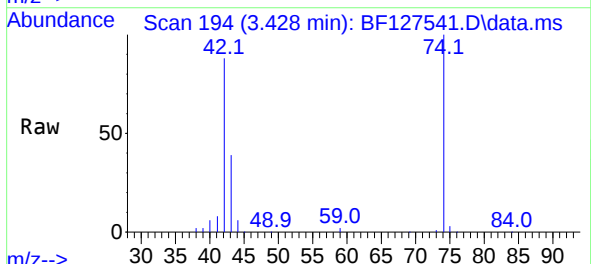
Tgt Ion: 79 Resp: 259409
Ion Ratio Lower Upper
79 100
52 88.9 74.2 111.4
51 40.9 36.7 55.1

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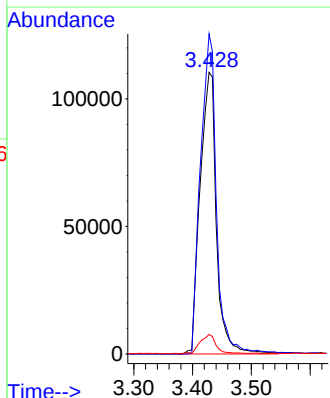
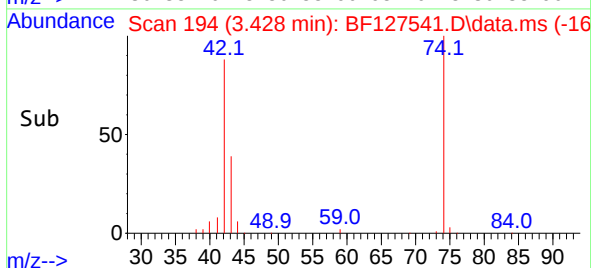
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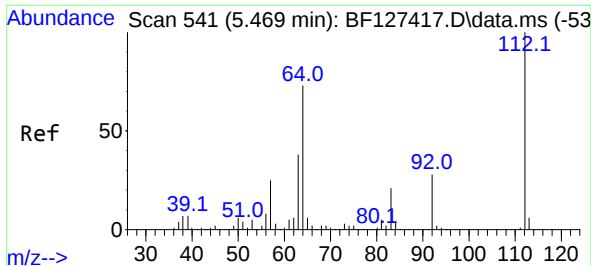


#4
n-Nitrosodimethylamine
Concen: 44.938 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.100 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion: 42 Resp: 212912
Ion Ratio Lower Upper
42 100
74 113.6 92.4 138.6
44 7.0 6.0 9.0





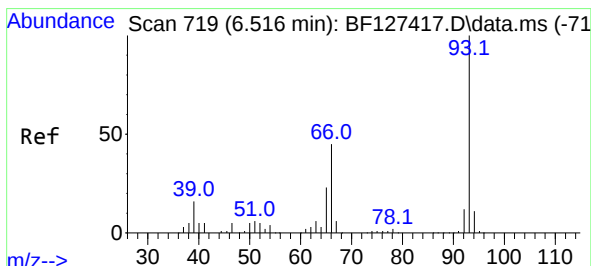
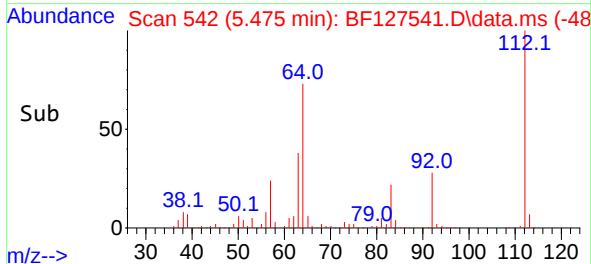
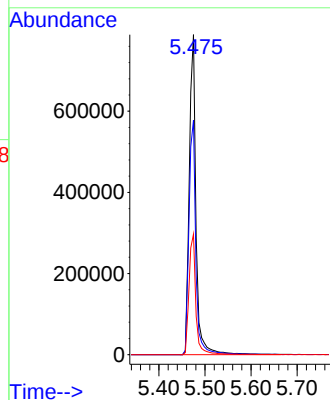
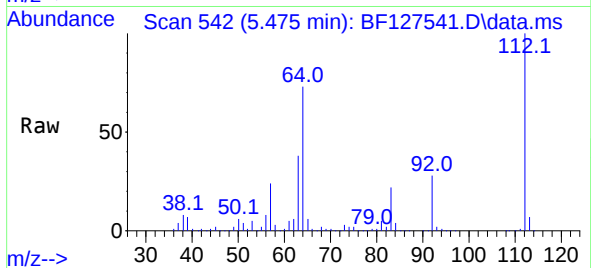
#5
2-Fluorophenol
Concen: 114.688 ng
RT: 5.475 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 79835
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 37.7 30.1 45.1

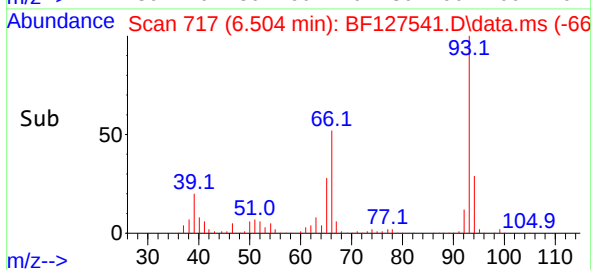
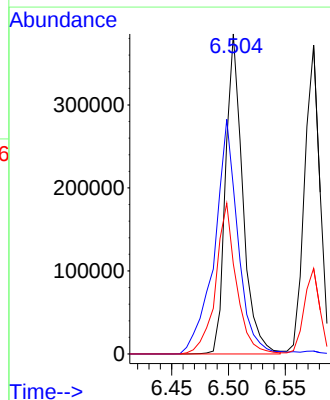
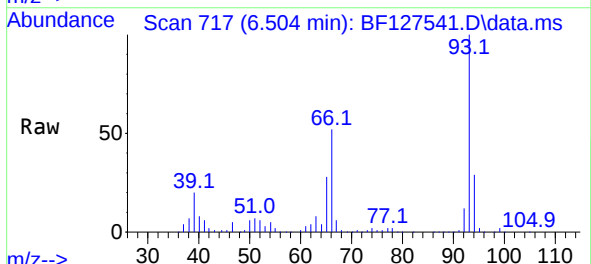
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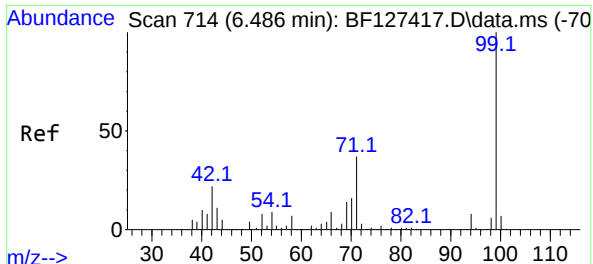
Reviewed By :Christian Giraldo 03/29/2022
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#6
Aniline
Concen: 35.588 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

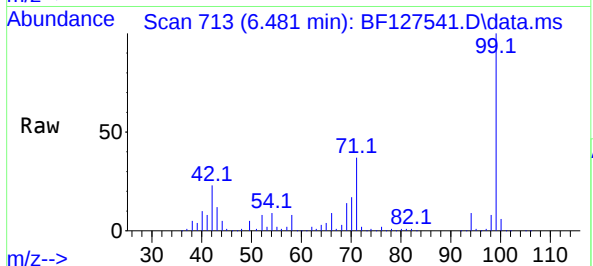
Tgt Ion: 93 Resp: 404109
Ion Ratio Lower Upper
93 100
66 52.3 36.2 54.4
65 28.1 18.4 27.6#





#7
Phenol-d6
Concen: 112.586 ng
RT: 6.481 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

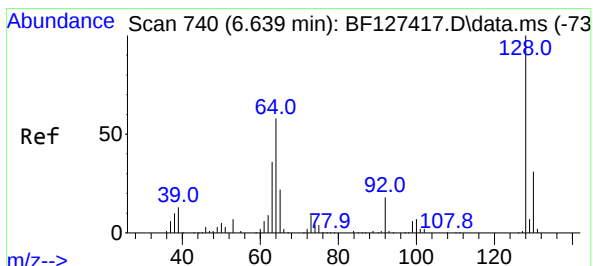
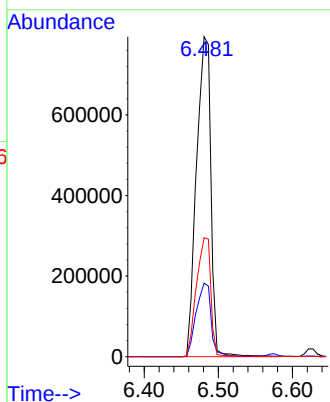
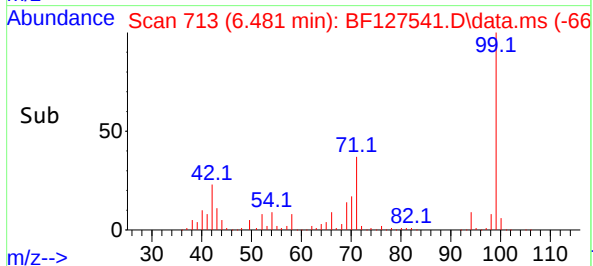
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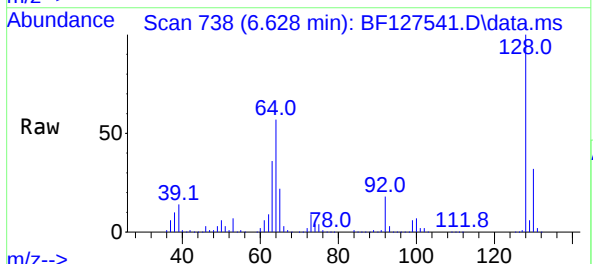
Tgt Ion: 99 Resp: 107129
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 37.2 29.6 44.4

Manual Integrations
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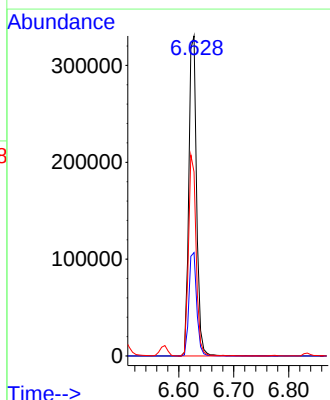
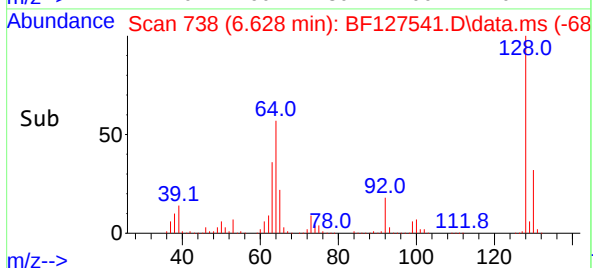
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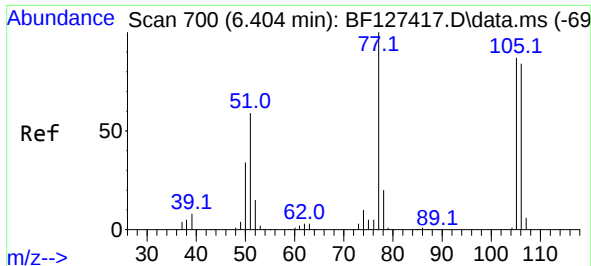


#8
2-Chlorophenol
Concen: 45.337 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:128 Resp: 322509
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 57.5 38.4 78.4





#9
Benzaldehyde
Concen: 40.541 ng
RT: 6.392 min Scan# 69
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

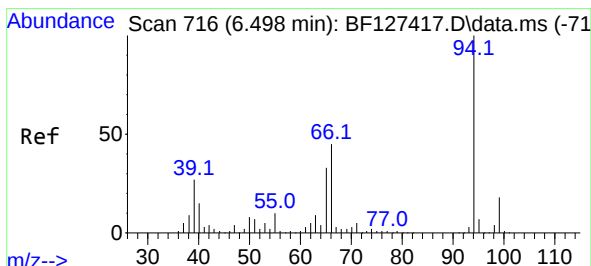
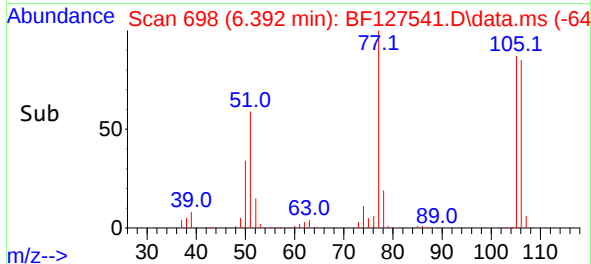
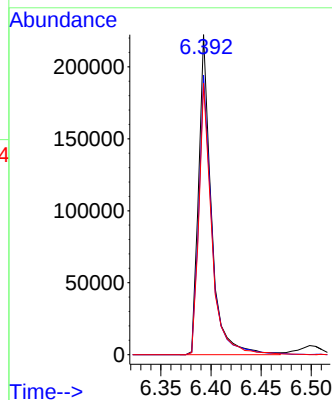
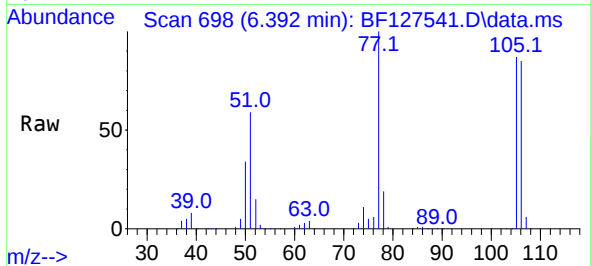
ClientSampleId :

PB143603BS

Tgt Ion: 77 Resp: 19718
Ion Ratio Lower Upper
77 100
105 87.4 66.8 106.8
106 84.8 64.3 104.3

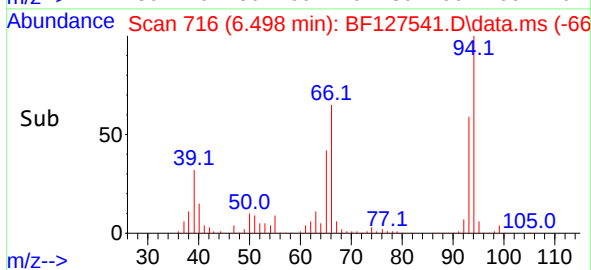
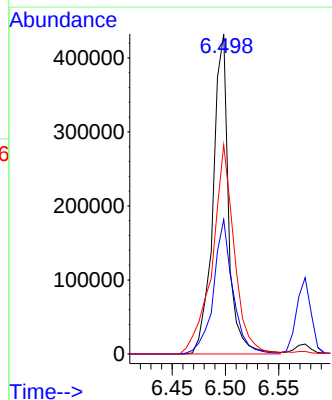
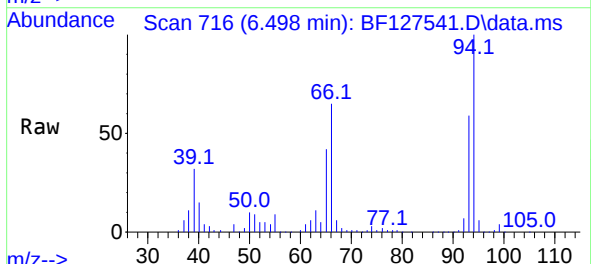
Manual Integrations
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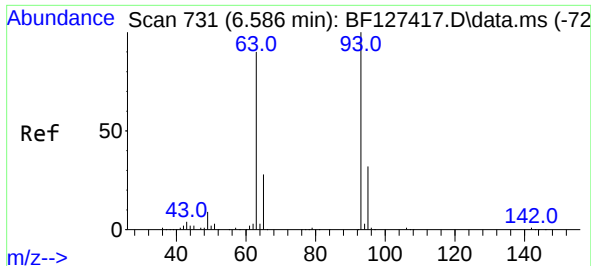
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#10
Phenol
Concen: 42.475 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion: 94 Resp: 440153
Ion Ratio Lower Upper
94 100
65 42.0 13.1 53.1
66 65.3 24.9 64.9#





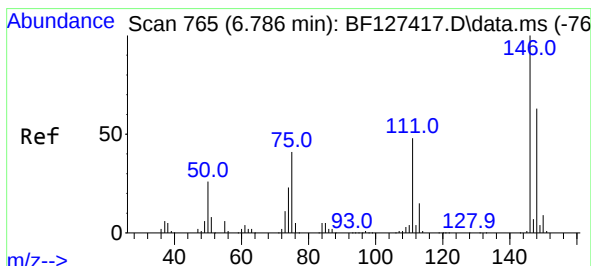
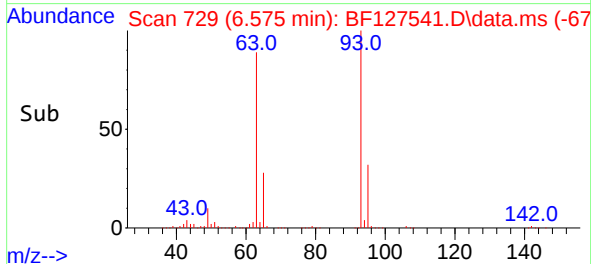
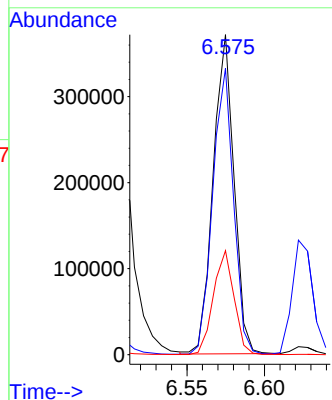
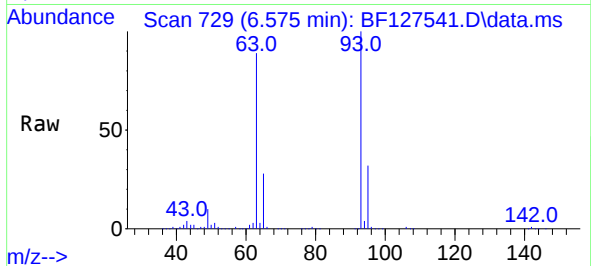
#11
bis(2-Chloroethyl)ether
Concen: 45.866 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143603BS

Tgt Ion: 93 Resp: 347775
Ion Ratio Lower Upper
93 100
63 89.5 69.6 109.6
95 32.5 11.6 51.6

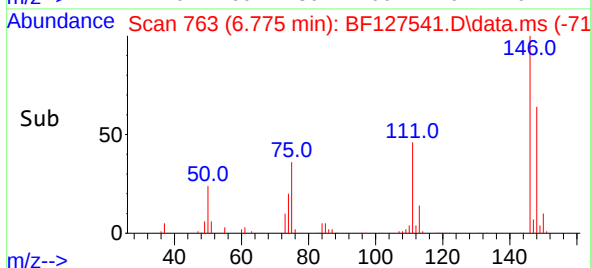
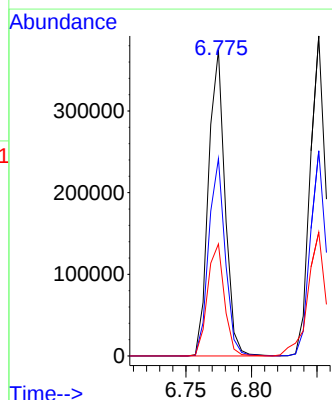
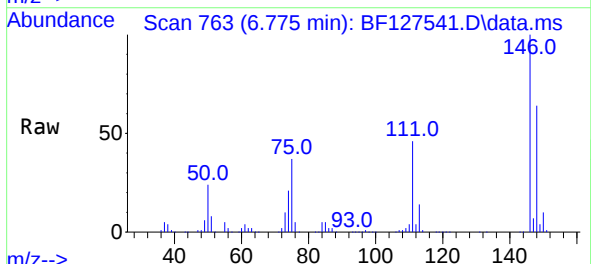
Manual Integrations
APPROVED

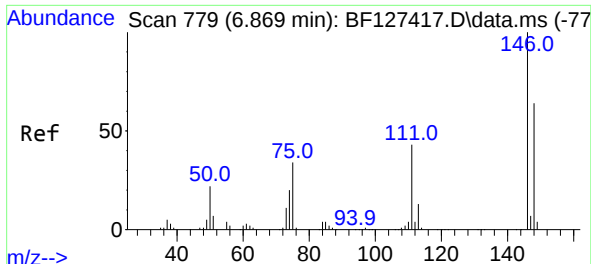
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#12
1,3-Dichlorobenzene
Concen: 41.029 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

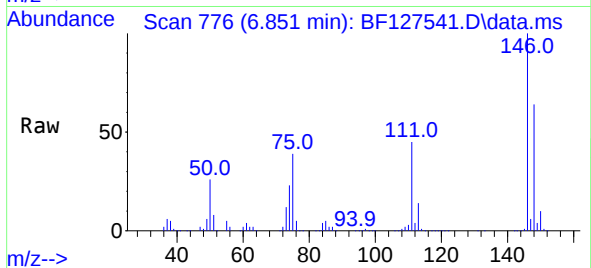
Tgt Ion:146 Resp: 328270
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
75 36.6 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 41.540 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

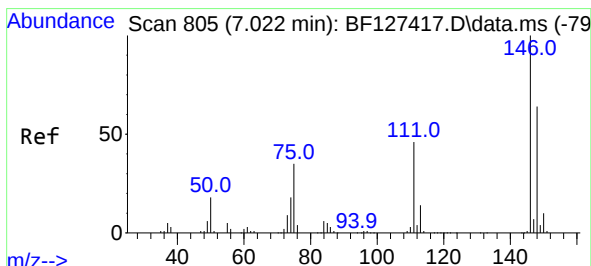
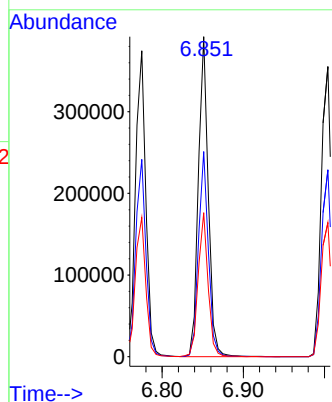
Instrument :
BNA_F
ClientSampleId :
PB143603BS



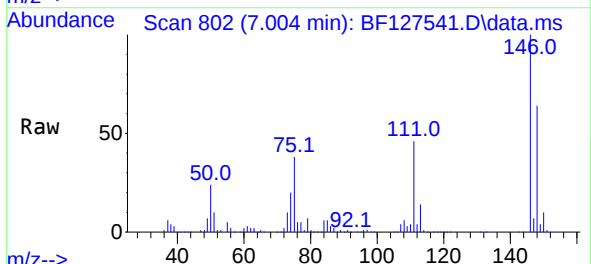
Tgt Ion:146 Resp: 334310
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 45.0 34.2 51.4

Manual Integrations
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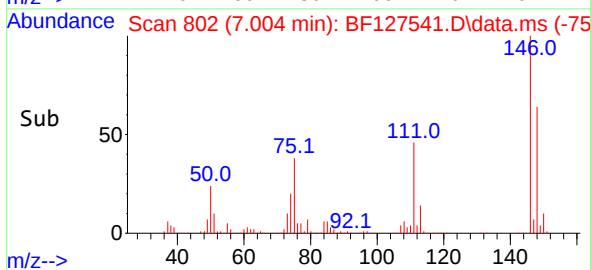
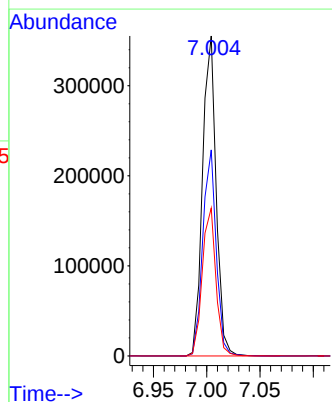
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

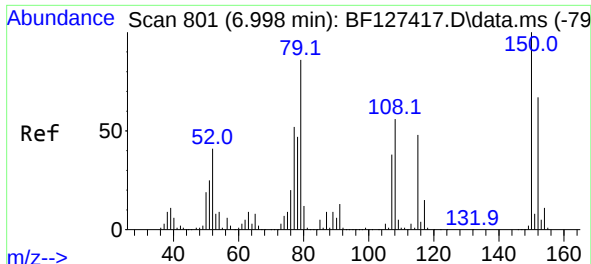


#14
1,2-Dichlorobenzene
Concen: 40.397 ng
RT: 7.004 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



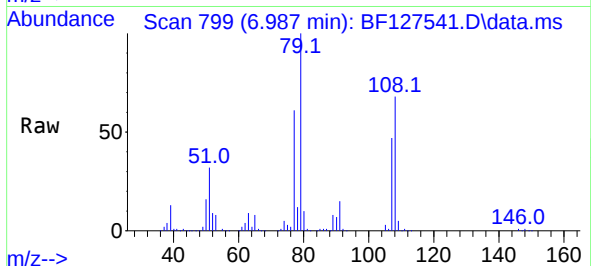
Tgt Ion:146 Resp: 316654
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 46.2 36.4 54.6





#15
Benzyl Alcohol
Concen: 46.883 ng
RT: 6.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

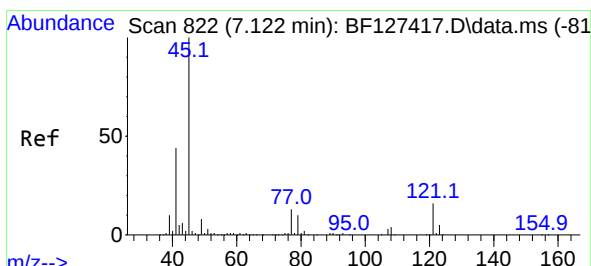
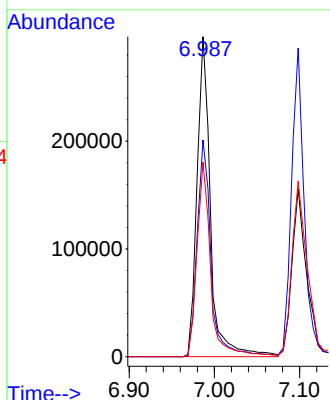
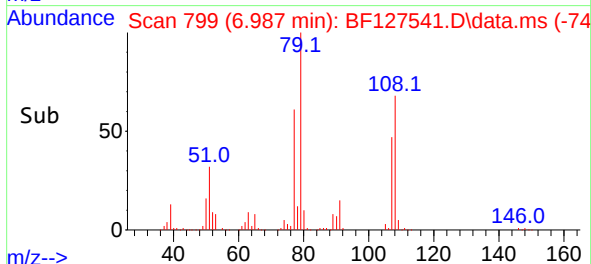
Instrument :
BNA_F
ClientSampleId :
PB143603BS



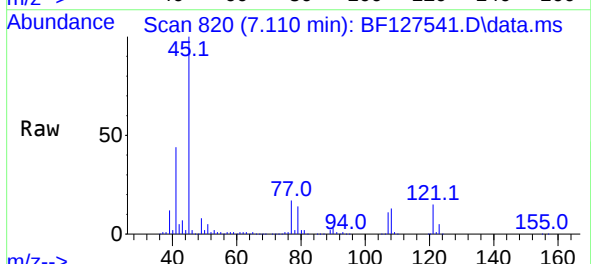
Tgt Ion: 79 Resp: 324204
Ion Ratio Lower Upper
79 100
108 67.7 52.2 78.2
77 60.8 48.3 72.5

Manual Integrations
APPROVED

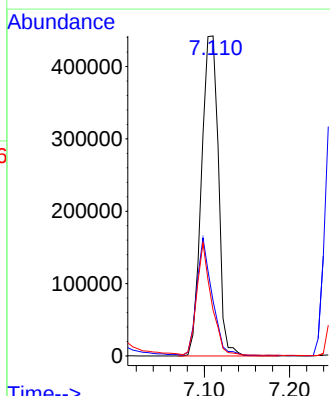
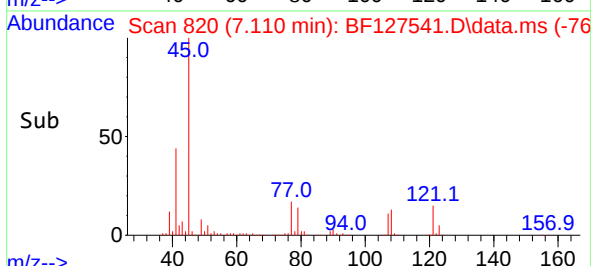
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

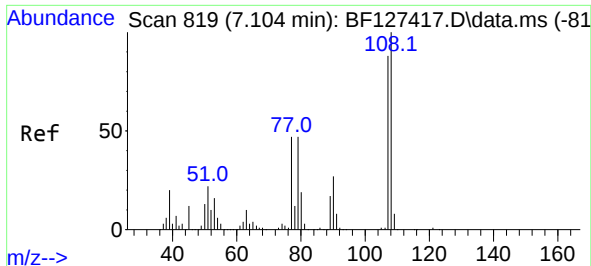


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.596 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



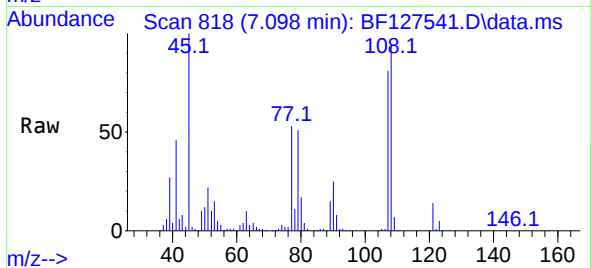
Tgt Ion: 45 Resp: 608493
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.9
79 14.2 0.0 29.9





#17
2-Methylphenol
Concen: 43.159 ng
RT: 7.098 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

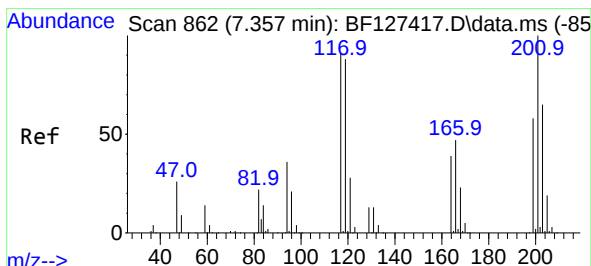
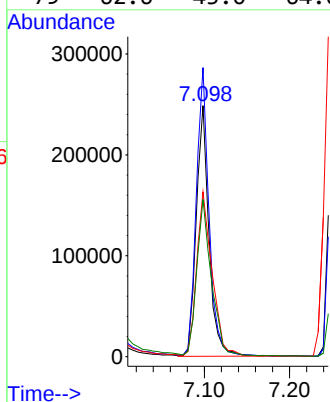
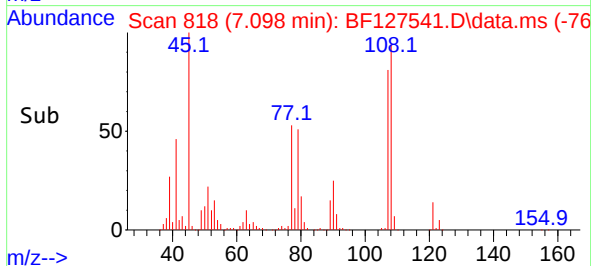
Instrument :
BNA_F
ClientSampleId :
PB143603BS



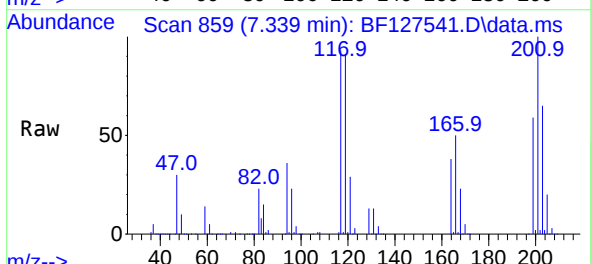
Tgt Ion:107 Resp: 25910
Ion Ratio Lower Upper
107 100
108 115.2 90.7 136.1
77 65.6 42.9 64.3
79 62.6 43.0 64.6

Manual Integrations
APPROVED

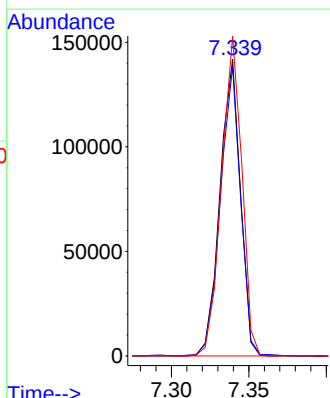
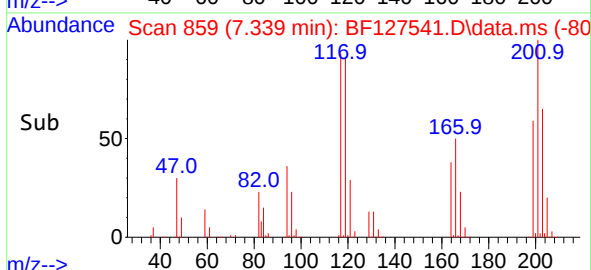
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

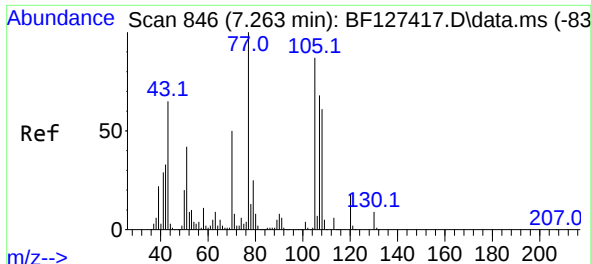


#18
Hexachloroethane
Concen: 43.957 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:117 Resp: 129514
Ion Ratio Lower Upper
117 100
119 97.7 77.6 116.4
201 107.8 88.2 132.2





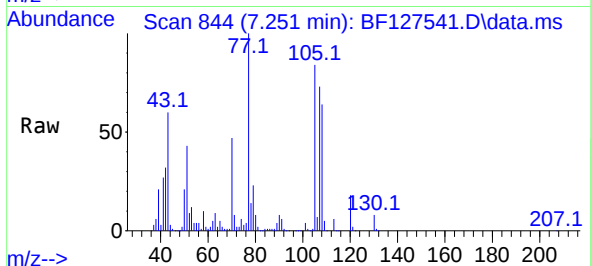
#19
n-Nitroso-di-n-propylamine
Concen: 43.625 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

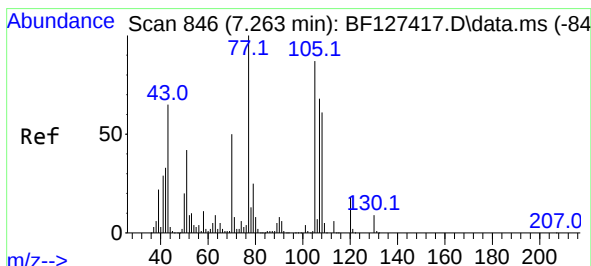
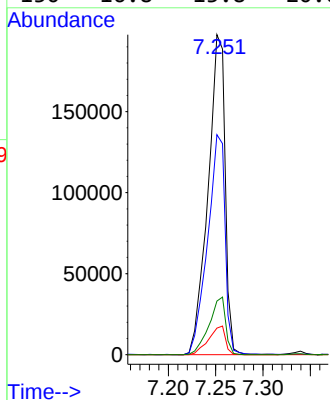
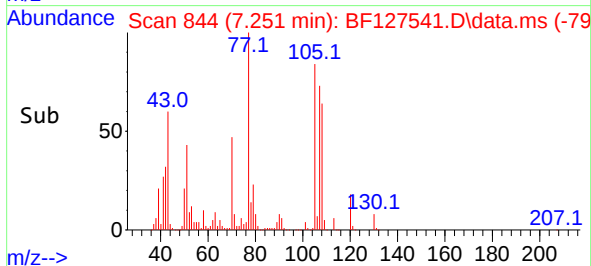


Tgt Ion: 70 Resp: 248824
Ion Ratio Lower Upper
70 100
42 68.7 53.0 79.6
101 8.3 6.8 10.2
130 16.8 13.8 20.6

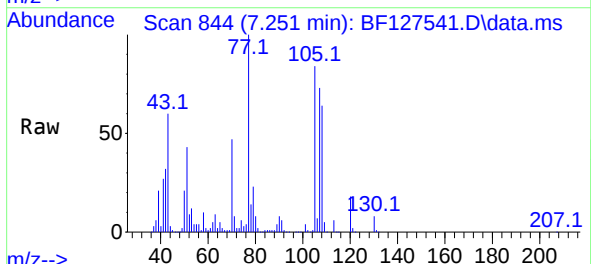
Manual Integrations

APPROVED

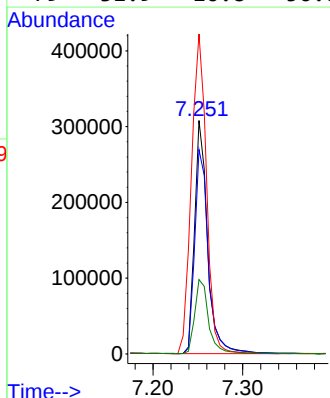
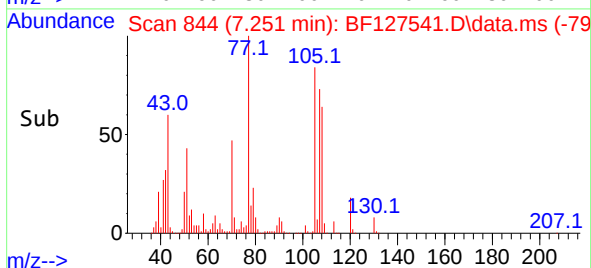
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

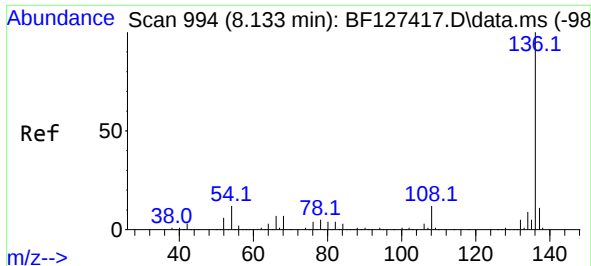


#20
3+4-Methylphenols
Concen: 41.766 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



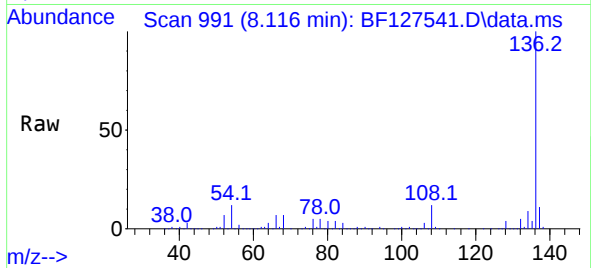
Tgt Ion:107 Resp: 309263
Ion Ratio Lower Upper
107 100
108 87.5 70.7 110.7
77 137.0 127.9 167.9
79 31.9 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

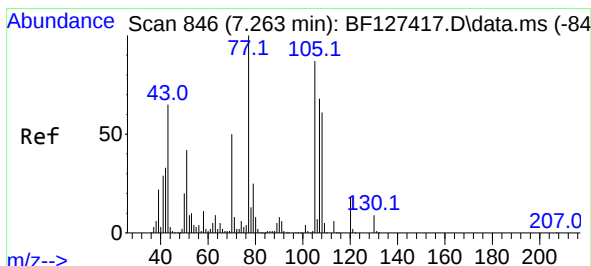
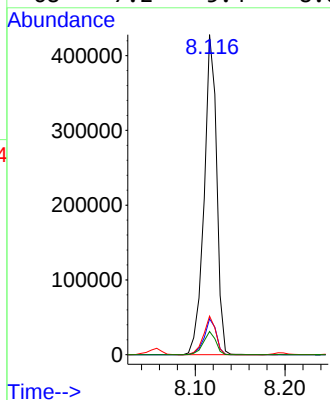
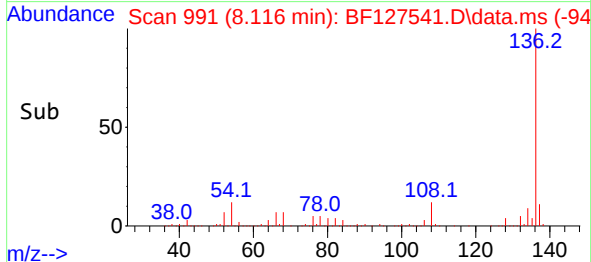
Instrument :
BNA_F
ClientSampleId :
PB143603BS



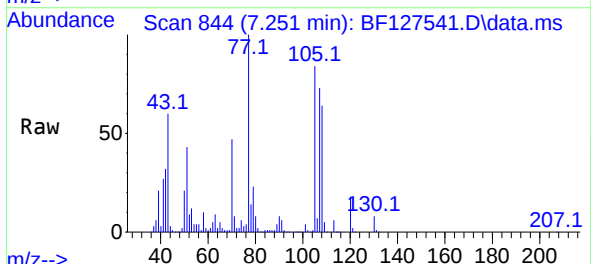
Tgt Ion:136 Resp: 41401
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.0 9.2 13.8
68 7.2 5.4 8.0

Manual Integrations
APPROVED

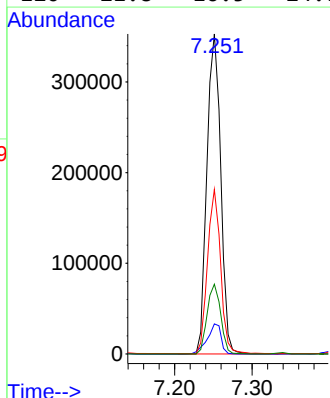
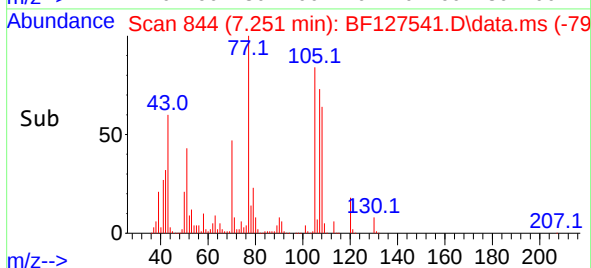
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

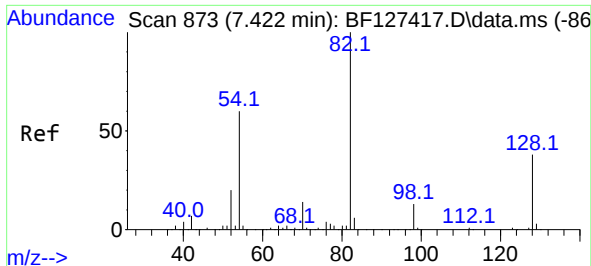


#22
Acetophenone
Concen: 41.257 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:105 Resp: 436630
Ion Ratio Lower Upper
105 100
71 9.4 7.3 10.9
51 51.4 38.8 58.2
120 21.8 16.5 24.7





#23
Nitrobenzene-d5
Concen: 76.547 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

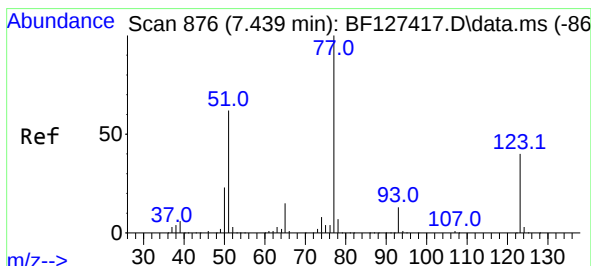
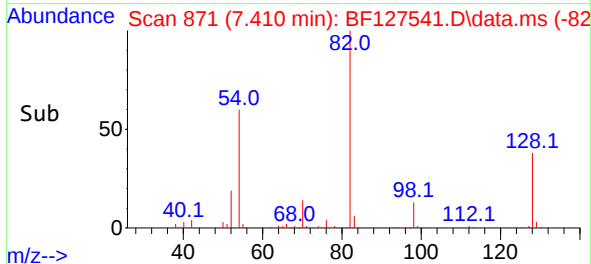
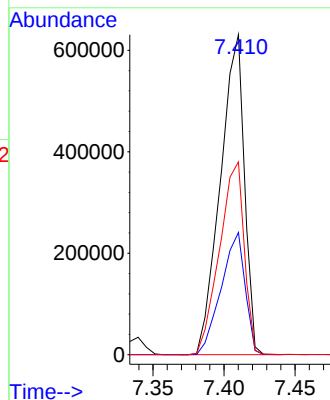
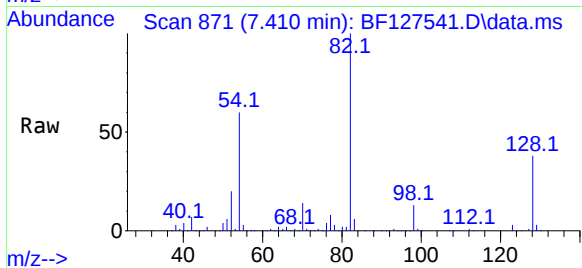
PB143603BS

Tgt Ion: 82 Resp: 74139
Ion Ratio Lower Upper
82 100
128 38.2 30.6 45.8
54 60.3 48.2 72.2

Manual Integrations

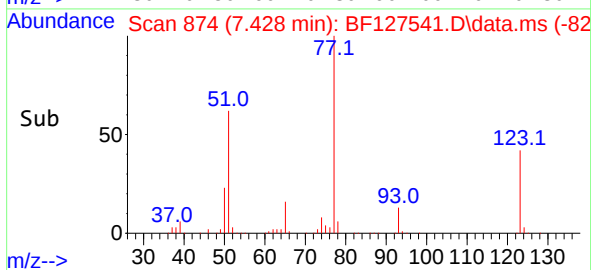
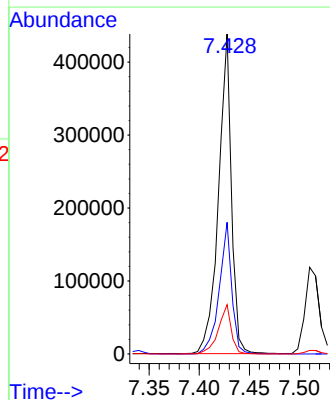
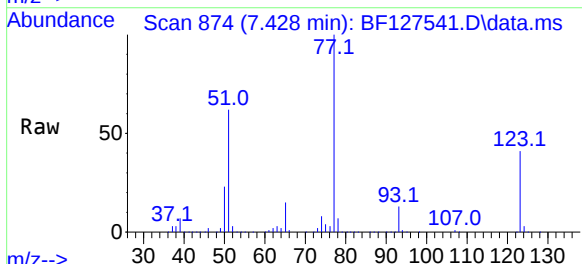
APPROVED

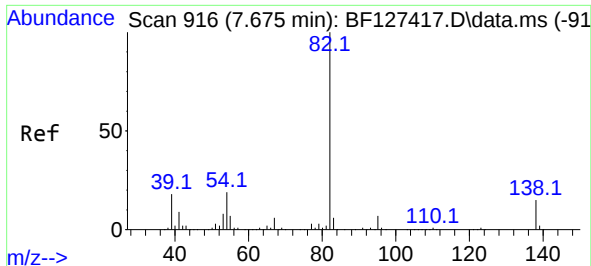
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#24
Nitrobenzene
Concen: 42.440 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion: 77 Resp: 392015
Ion Ratio Lower Upper
77 100
123 41.2 32.0 48.0
65 15.4 12.2 18.2





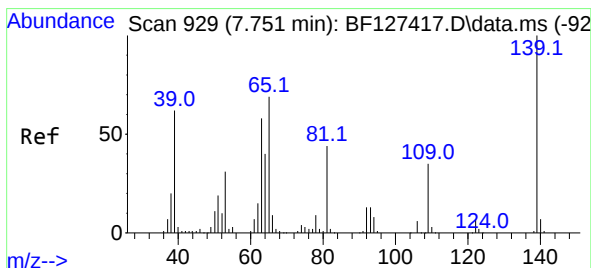
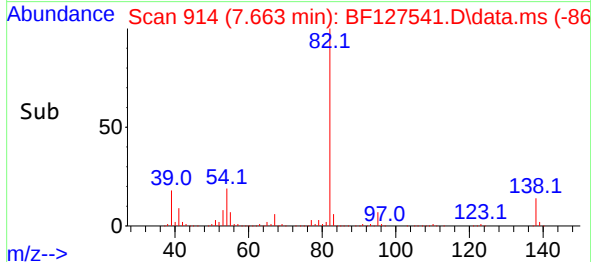
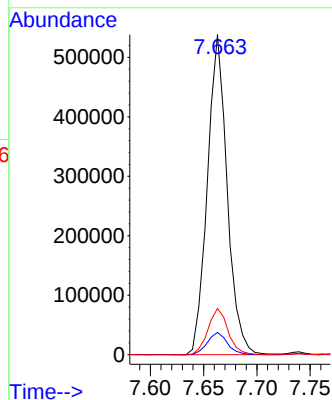
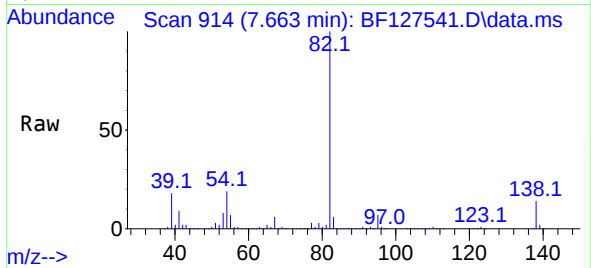
#25
Isophorone
Concen: 45.137 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143603BS

Tgt Ion: 82 Resp: 69629
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 14.5 11.6 17.4

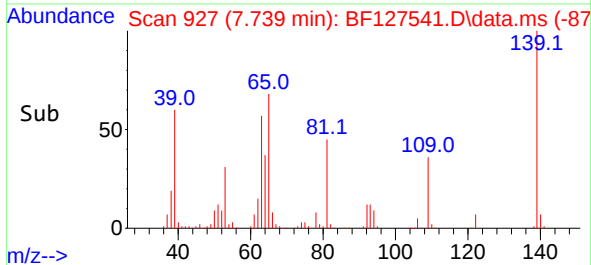
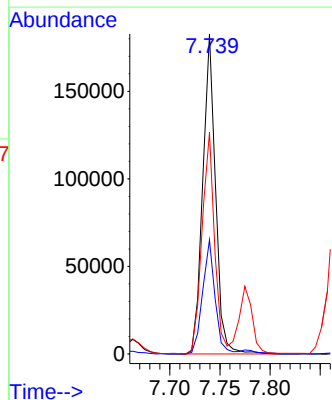
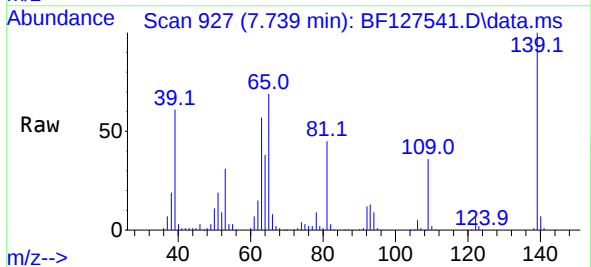
Manual Integrations
APPROVED

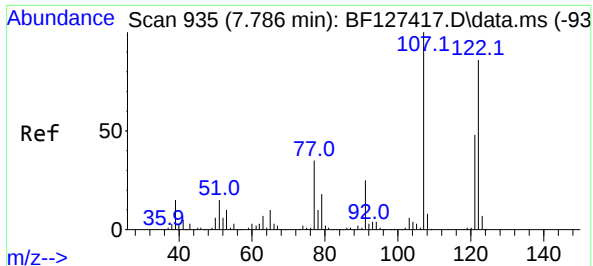
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#26
2-Nitrophenol
Concen: 42.081 ng
RT: 7.739 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion:139 Resp: 163020
Ion Ratio Lower Upper
139 100
109 35.7 28.2 42.2
65 69.2 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 48.428 ng
RT: 7.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

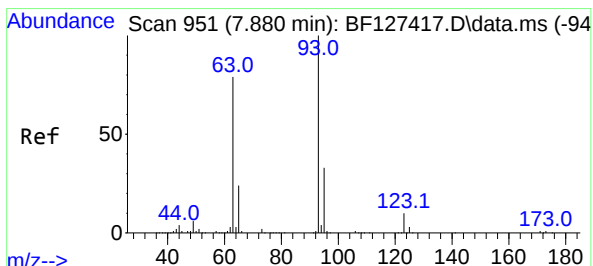
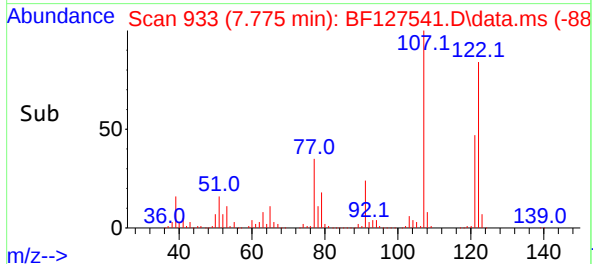
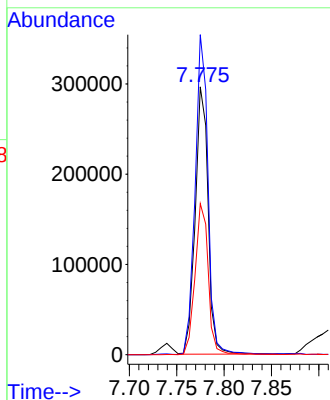
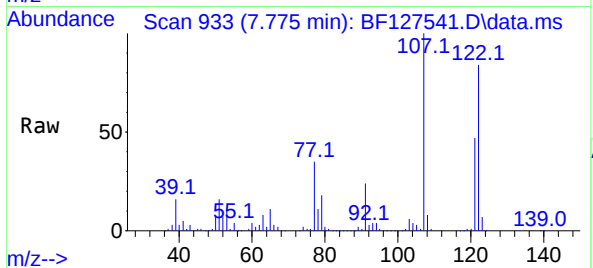
PB143603BS

Tgt Ion:122 Resp: 282200
Ion Ratio Lower Upper
122 100
107 119.5 93.0 139.4
121 56.4 44.9 67.3

Manual Integrations

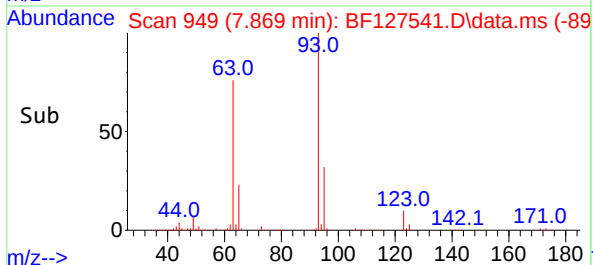
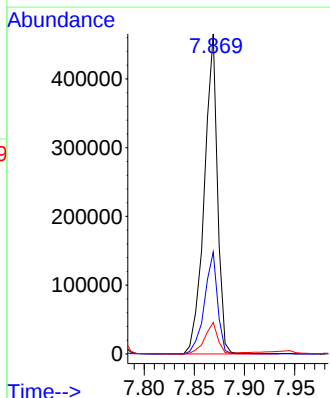
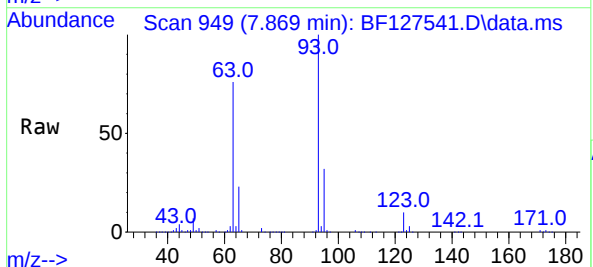
APPROVED

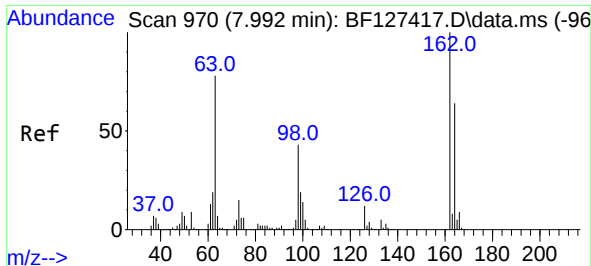
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.697 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion: 93 Resp: 427863
Ion Ratio Lower Upper
93 100
95 31.9 26.3 39.5
123 9.8 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 41.663 ng
RT: 7.987 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

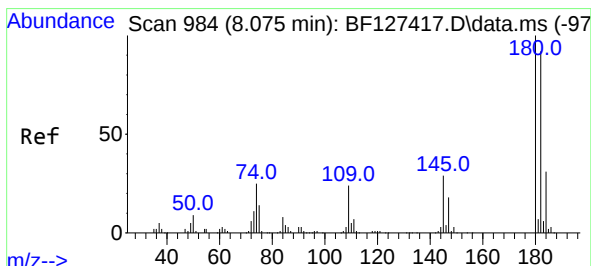
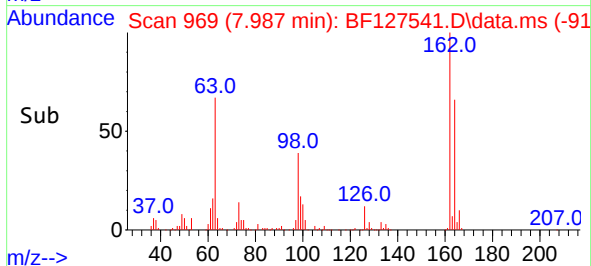
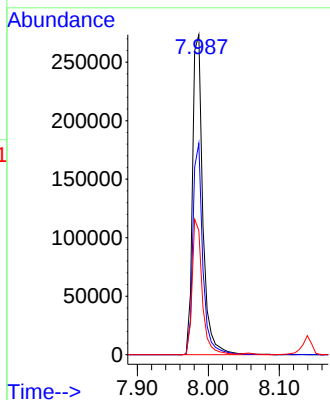
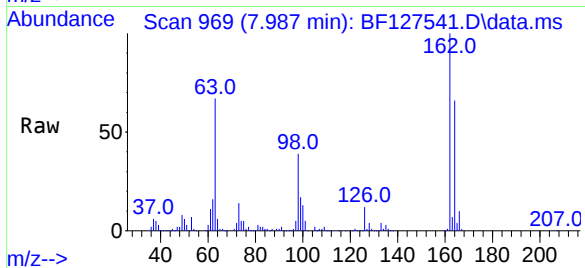
ClientSampleId :

PB143603BS

Tgt Ion:162 Resp: 27561
Ion Ratio Lower Upper
162 100
164 66.0 43.7 83.7
98 38.8 23.5 63.5

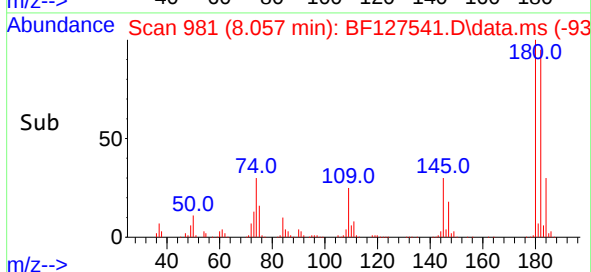
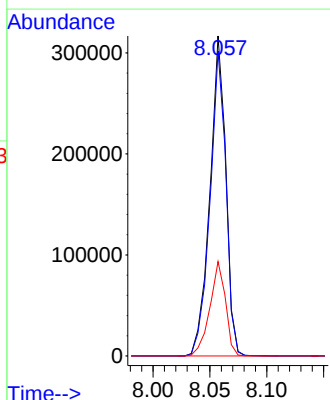
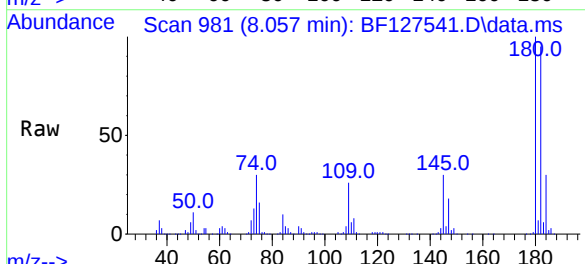
Manual Integrations
APPROVED

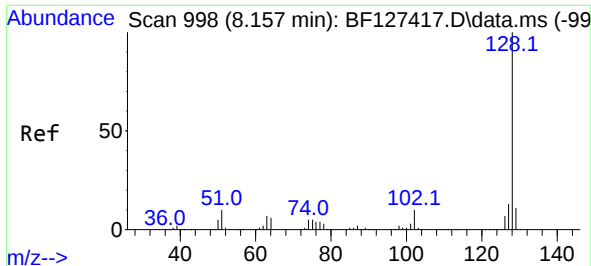
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#30
1,2,4-Trichlorobenzene
Concen: 40.123 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

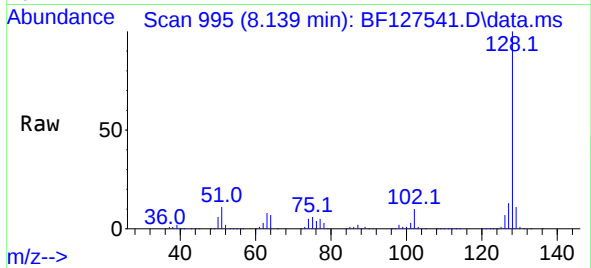
Tgt Ion:180 Resp: 309299
Ion Ratio Lower Upper
180 100
182 95.4 73.8 110.6
145 29.5 23.3 34.9





#31
Naphthalene
Concen: 41.207 ng
RT: 8.139 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

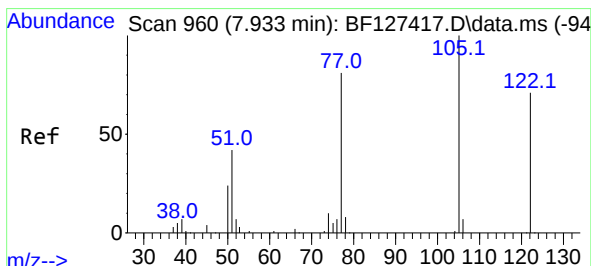
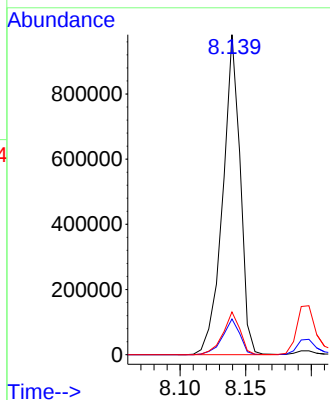
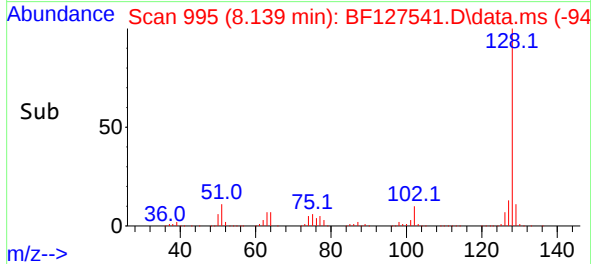
Instrument :
BNA_F
ClientSampleId :
PB143603BS



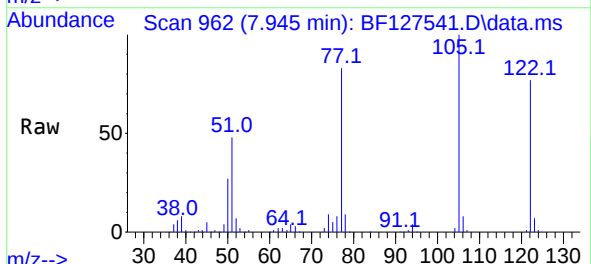
Tgt Ion:128 Resp: 905754
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.4 10.2 15.2

Manual Integrations
APPROVED

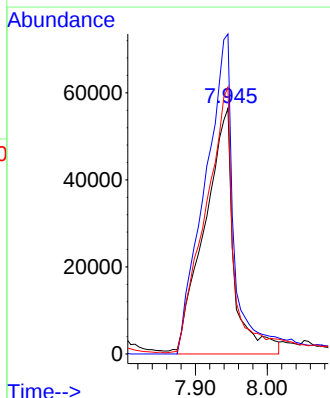
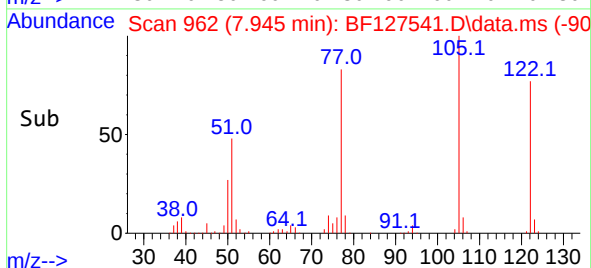
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

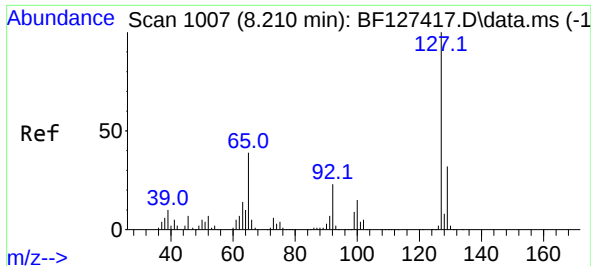


#32
Benzoic acid
Concen: 47.691 ng m
RT: 7.945 min Scan# 962
Delta R.T. 0.018 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:122 Resp: 159573
Ion Ratio Lower Upper
122 100
105 130.3 117.1 157.1
77 108.6 93.0 133.0





#33
4-Chloroaniline
Concen: 20.571 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

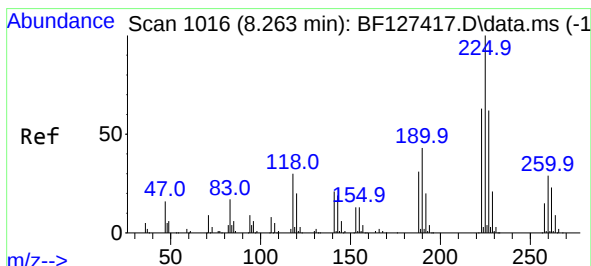
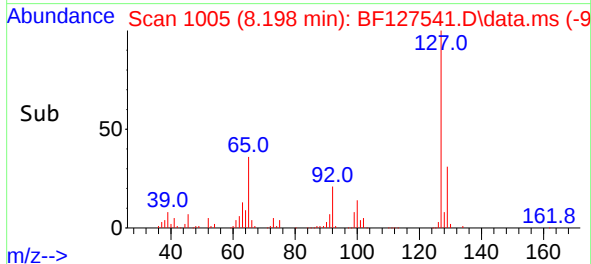
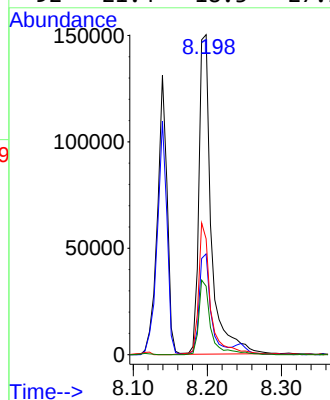
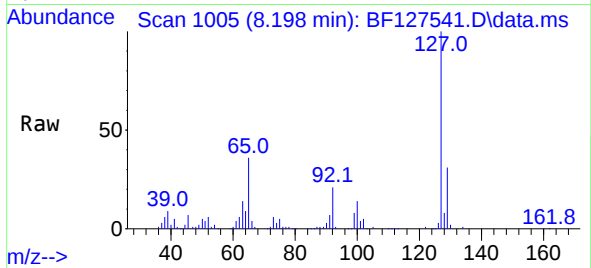
PB143603BS

Tgt Ion:127 Resp: 175220
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 36.2 31.4 47.0
92 21.4 18.3 27.5

Manual Integrations

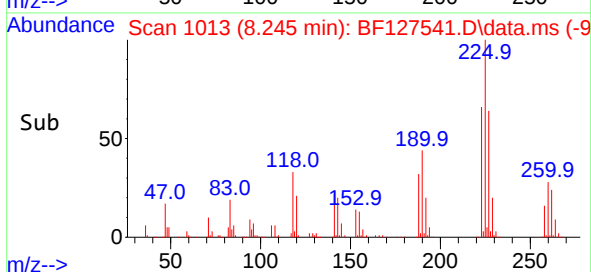
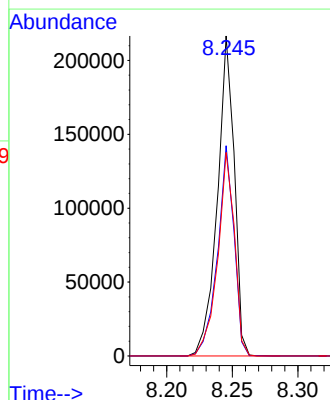
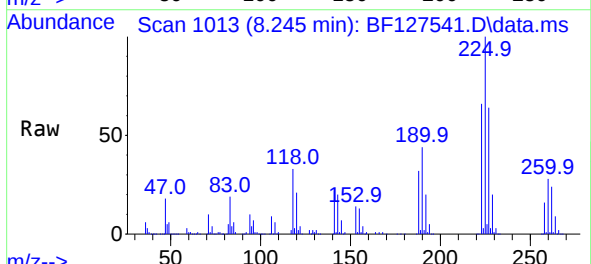
APPROVED

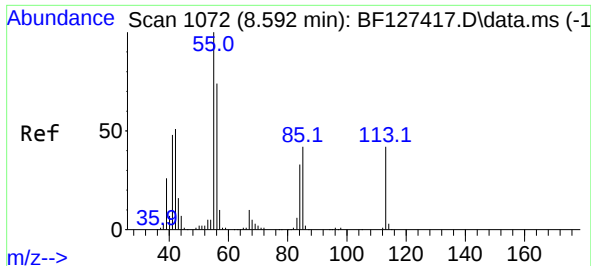
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#34
Hexachlorobutadiene
Concen: 39.616 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

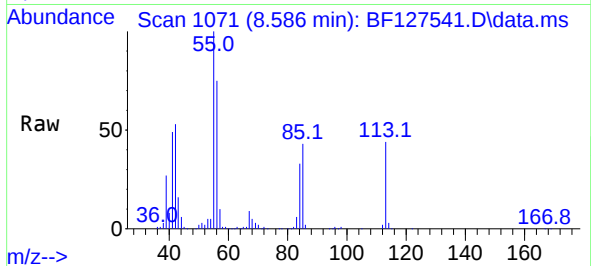
Tgt Ion:225 Resp: 193927
Ion Ratio Lower Upper
225 100
223 65.7 50.6 76.0
227 63.6 49.6 74.4





#35
 Caprolactam
 Concen: 40.789 ng m
 RT: 8.586 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: BF127541.D
 Acq: 28 Mar 2022 14:47

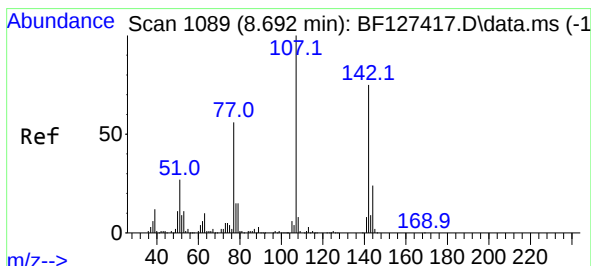
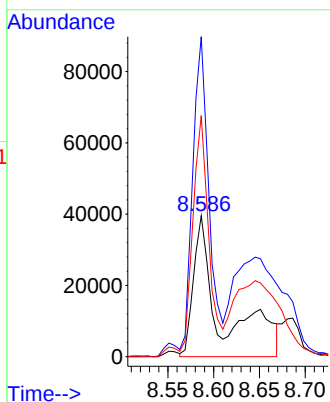
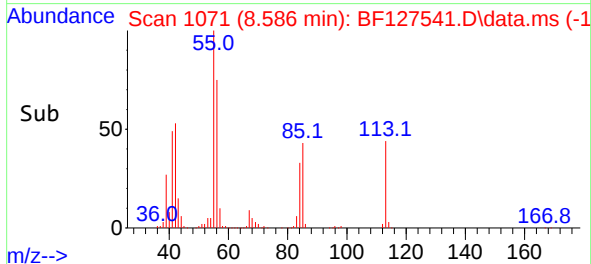
Instrument :
 BNA_F
 ClientSampleId :
 PB143603BS



Tgt Ion:113 Resp: 8318
 Ion Ratio Lower Upper
 113 100
 55 226.9 218.7 258.7
 56 171.0 156.2 196.2

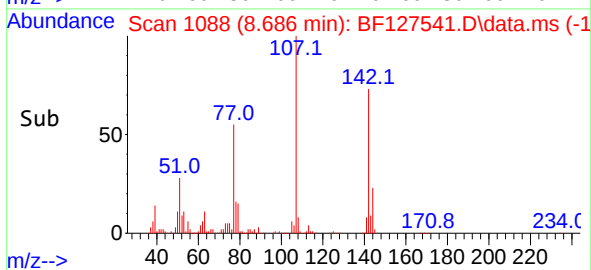
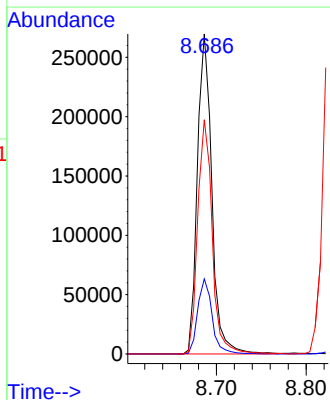
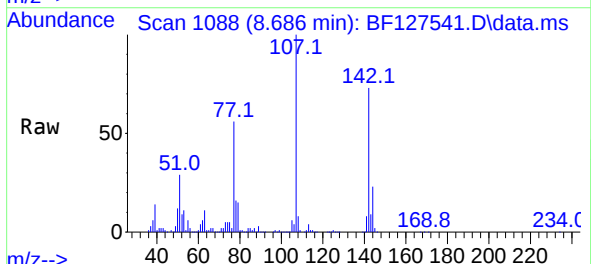
Manual Integrations
 APPROVED

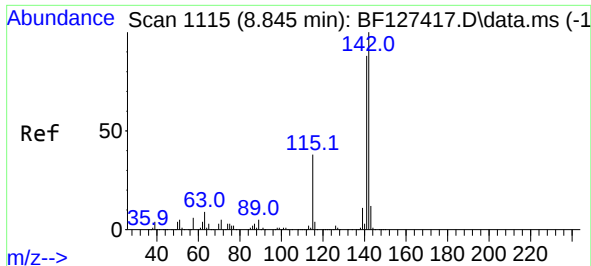
Reviewed By :Christian Giraldo 03/29/2022
 Supervised By :mohammad ahmed 03/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 42.073 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF127541.D
 Acq: 28 Mar 2022 14:47

Tgt Ion:107 Resp: 301980
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.3 28.9
 142 73.2 59.8 89.8





#37

2-Methylnaphthalene

Concen: 43.149 ng

RT: 8.834 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

Tgt Ion:142 Resp: 60986

Ion Ratio Lower Upper

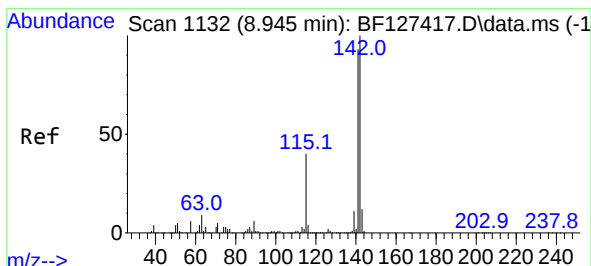
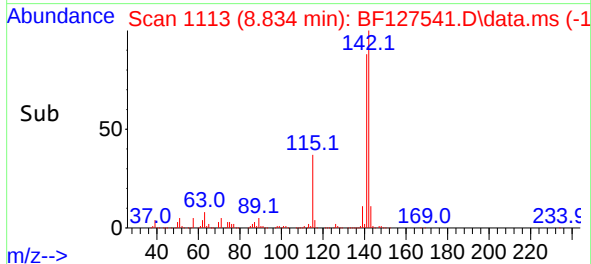
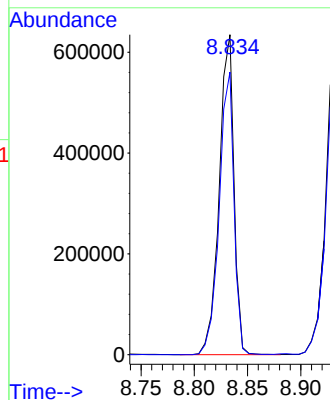
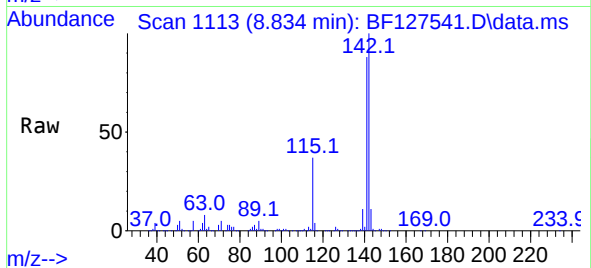
142 100

141 88.3 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#38

1-Methylnaphthalene

Concen: 39.949 ng

RT: 8.934 min Scan# 1130

Delta R.T. 0.006 min

Lab File: BF127541.D

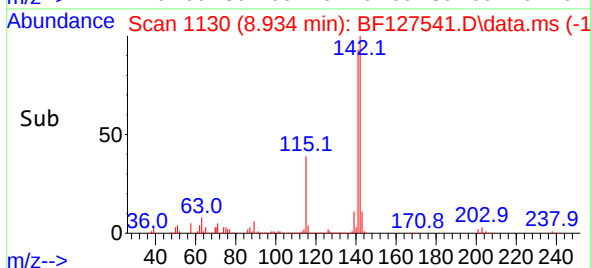
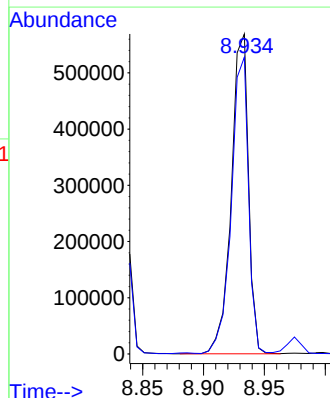
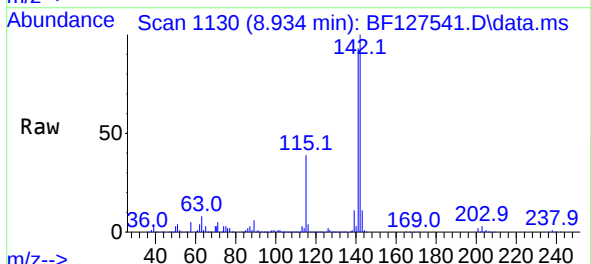
Acq: 28 Mar 2022 14:47

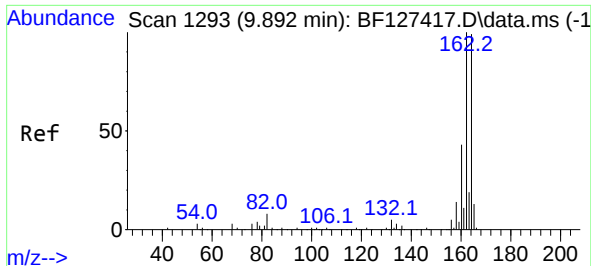
Tgt Ion:142 Resp: 558328

Ion Ratio Lower Upper

142 100

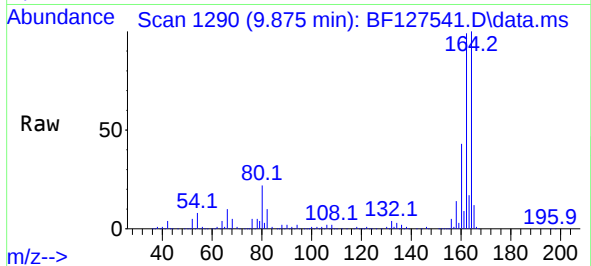
141 92.7 74.2 111.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

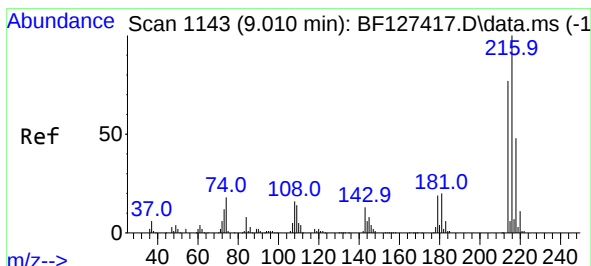
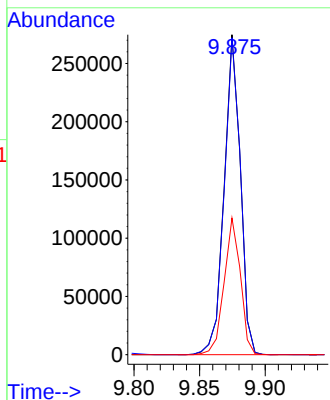
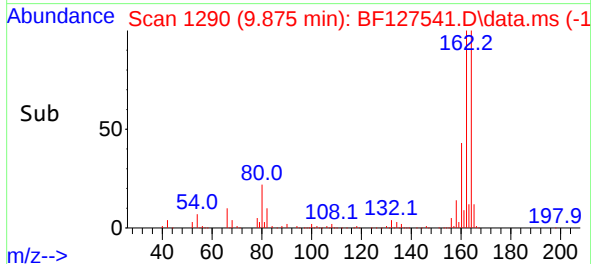
Instrument :
BNA_F
ClientSampleId :
PB143603BS



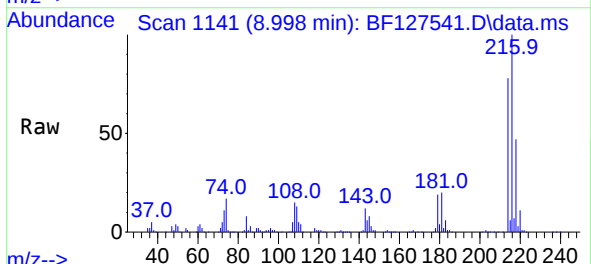
Tgt Ion:164 Resp: 23526
Ion Ratio Lower Upper
164 100
162 99.1 81.2 121.8
160 42.7 34.6 52.0

Manual Integrations
APPROVED

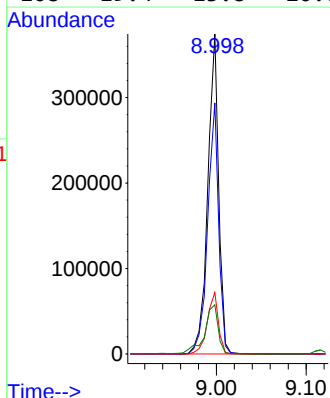
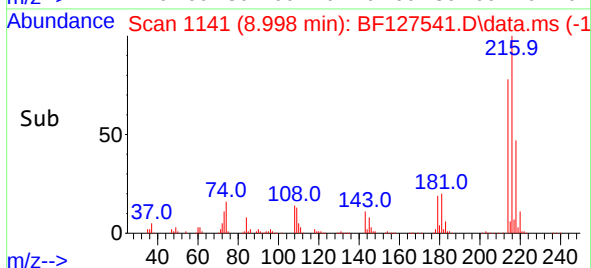
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

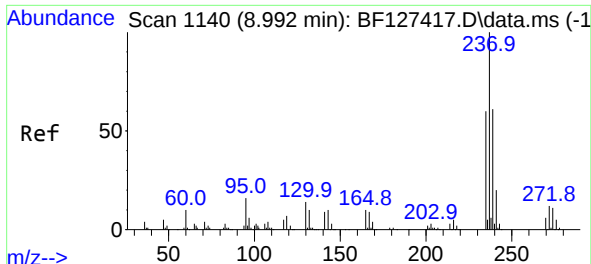


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.165 ng
RT: 8.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



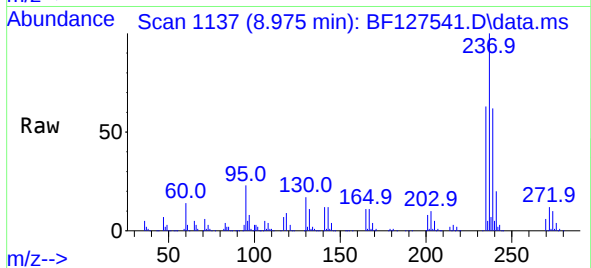
Tgt Ion:216 Resp: 315406
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 19.6 15.5 23.3
108 19.4 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 82.177 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

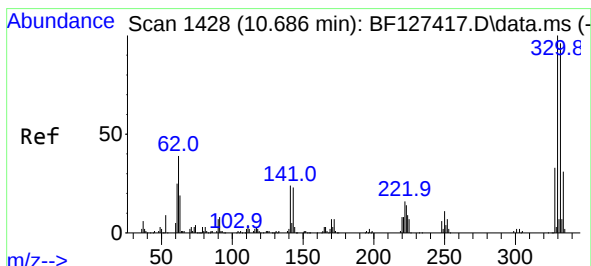
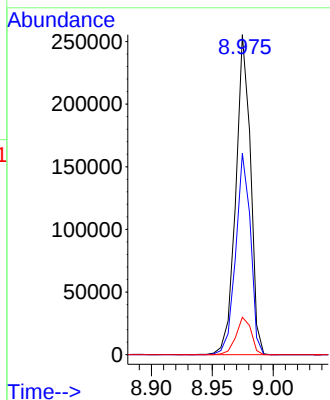
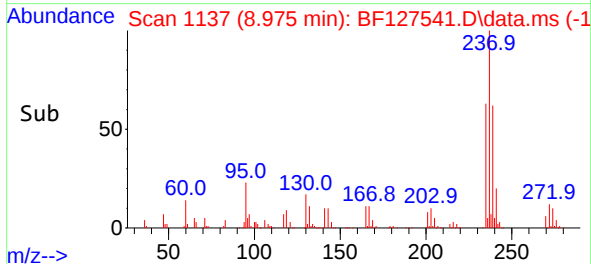
Instrument :
BNA_F
ClientSampleId :
PB143603BS



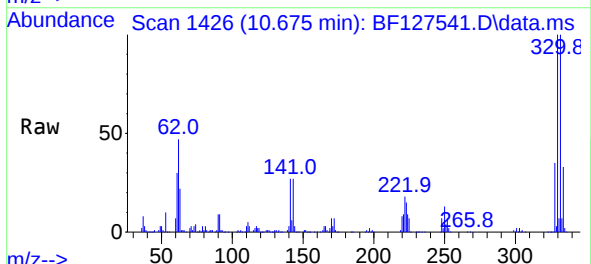
Tgt Ion:237 Resp: 215238
Ion Ratio Lower Upper
237 100
235 62.9 40.4 80.4
272 11.7 0.0 31.8

Manual Integrations
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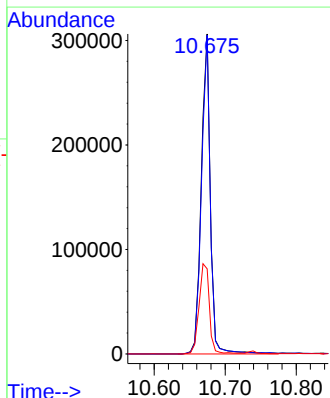
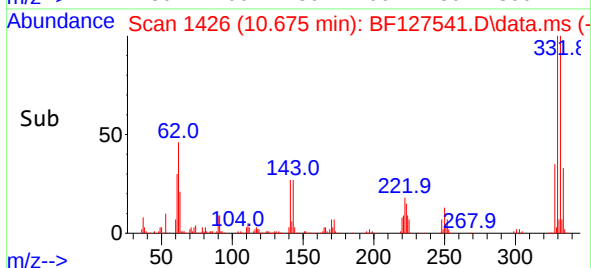
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

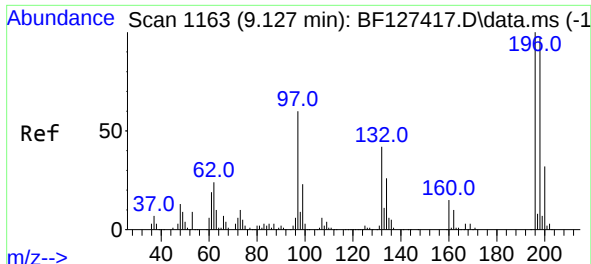


#42
2,4,6-Tribromophenol
Concen: 108.713 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:330 Resp: 272448
Ion Ratio Lower Upper
330 100
332 97.3 79.1 118.7
141 32.3 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 42.139 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF127541.D

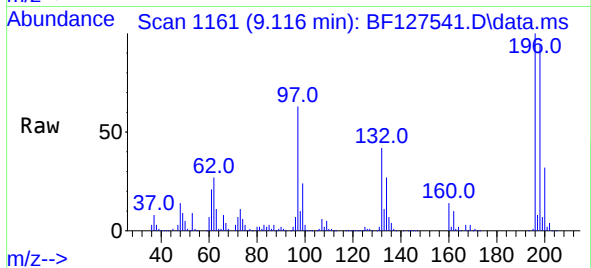
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS



Tgt Ion:196 Resp: 190538

Ion Ratio Lower Upper

196 100

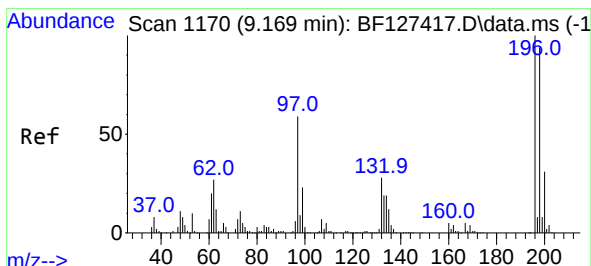
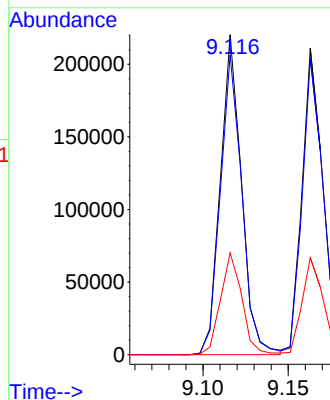
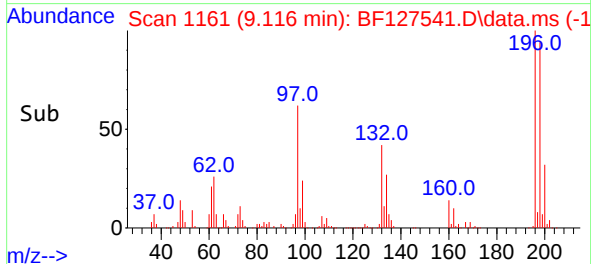
198 93.7 77.8 116.6

200 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#44

2,4,5-Trichlorophenol

Concen: 42.444 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

Tgt Ion:196 Resp: 197554

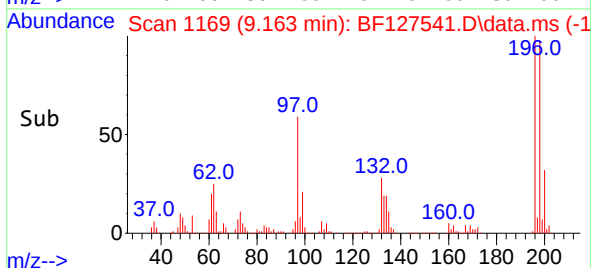
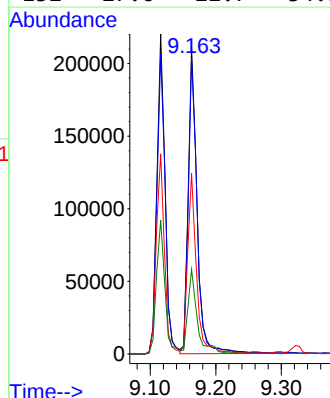
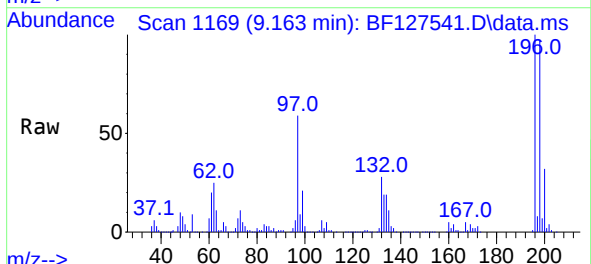
Ion Ratio Lower Upper

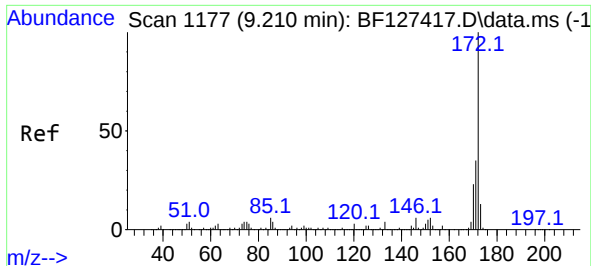
196 100

198 96.6 75.3 112.9

97 58.9 46.8 70.2

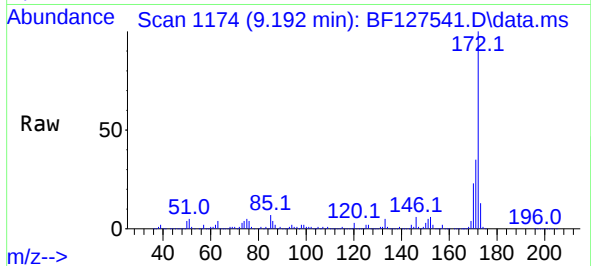
132 27.6 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 76.339 ng
RT: 9.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

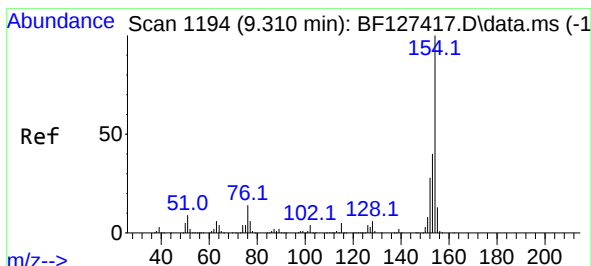
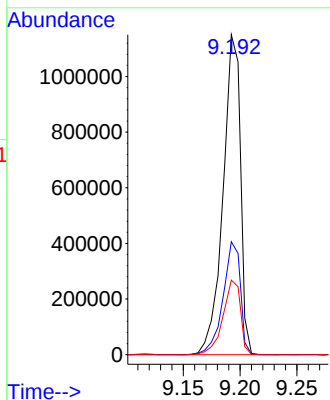
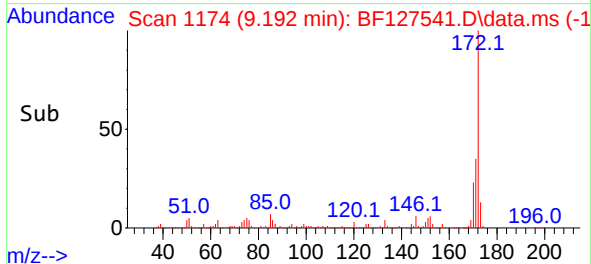
Instrument :
BNA_F
ClientSampleId :
PB143603BS



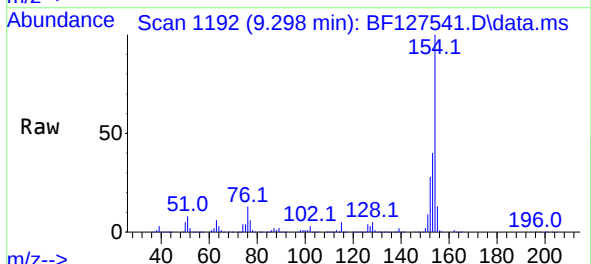
Tgt Ion:172 Resp: 122991
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 18.6 27.8

Manual Integrations
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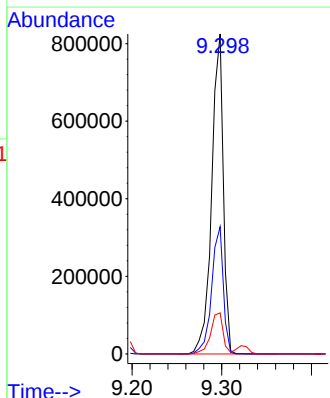
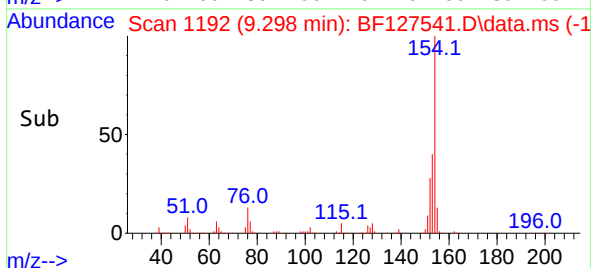
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

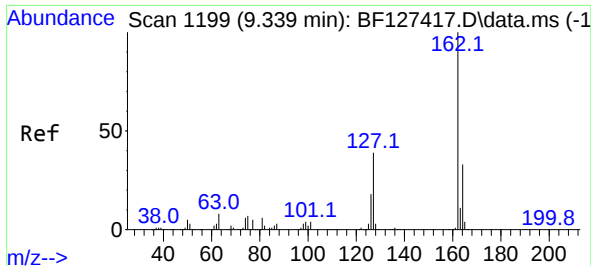


#46
1,1'-Biphenyl
Concen: 41.714 ng
RT: 9.298 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



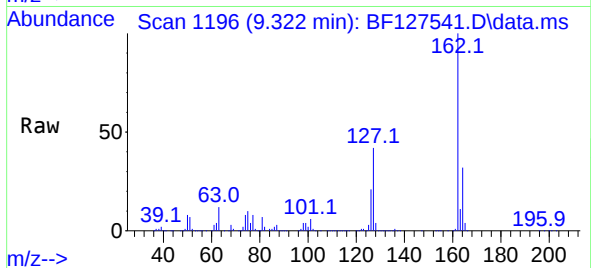
Tgt Ion:154 Resp: 741185
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 12.8 0.0 33.9





#47
2-Chloronaphthalene
Concen: 40.658 ng
RT: 9.322 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

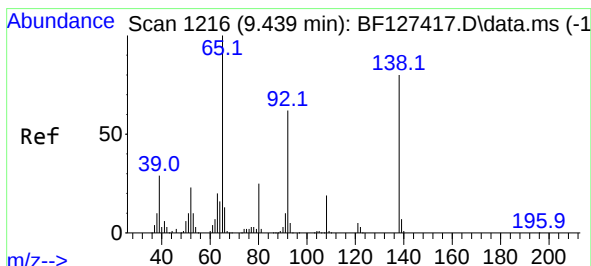
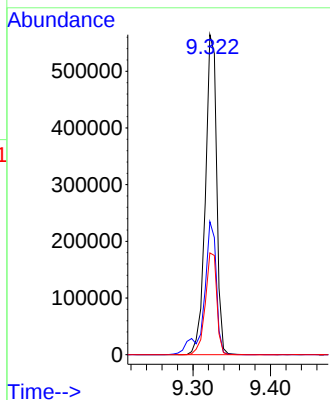
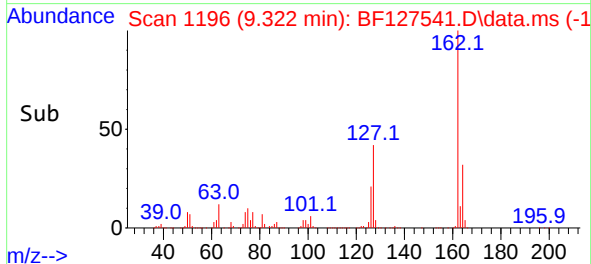
Instrument :
BNA_F
ClientSampleId :
PB143603BS



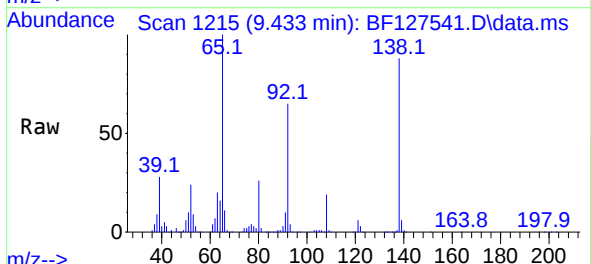
Tgt Ion:162 Resp: 56889
Ion Ratio Lower Upper
162 100
127 41.6 31.8 47.6
164 31.8 26.4 39.6

Manual Integrations
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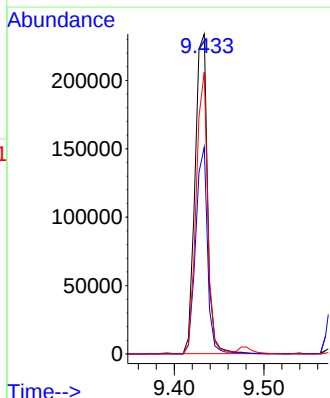
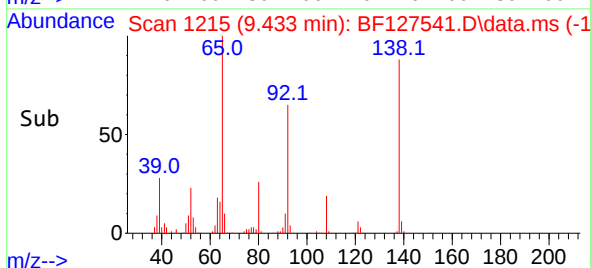
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

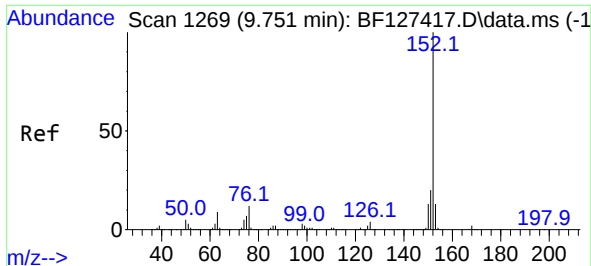


#48
2-Nitroaniline
Concen: 41.894 ng
RT: 9.433 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



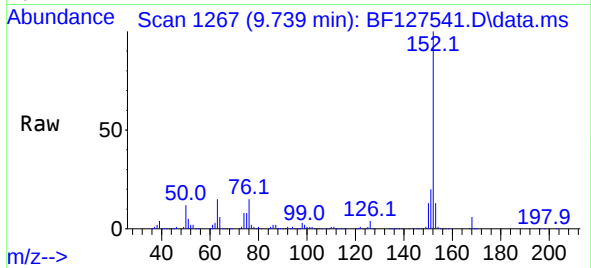
Tgt Ion: 65 Resp: 224658
Ion Ratio Lower Upper
65 100
92 64.7 50.0 75.0
138 88.1 64.1 96.1





#49
Acenaphthylene
Concen: 39.973 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

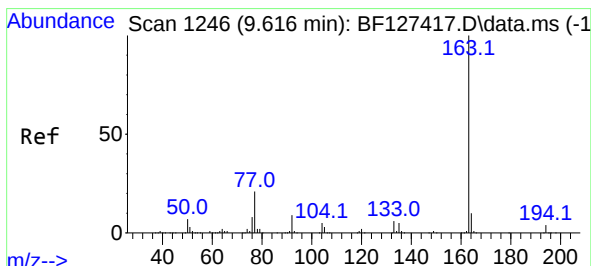
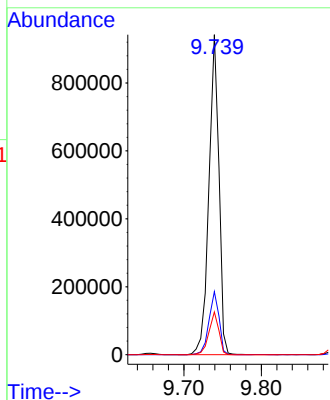
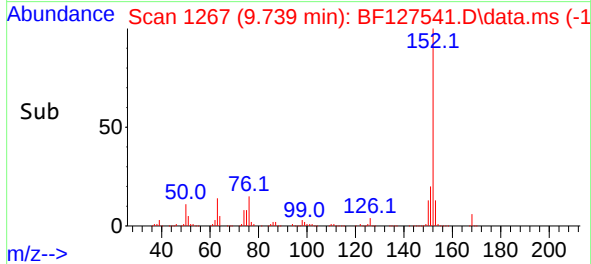
Instrument :
BNA_F
ClientSampleId :
PB143603BS



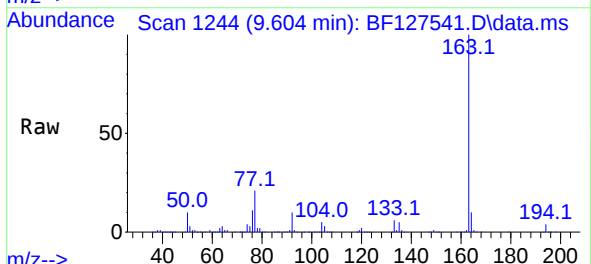
Tgt Ion:152 Resp: 845554
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.5 15.7

Manual Integrations
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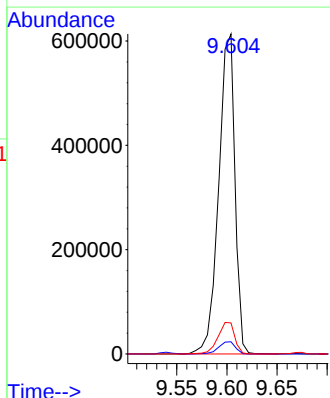
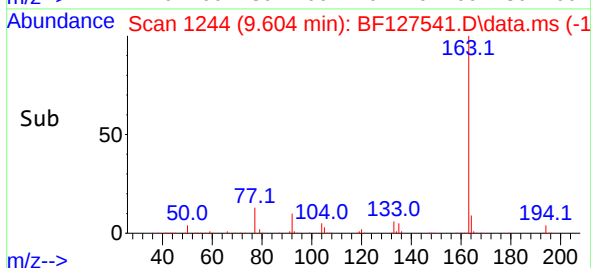
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

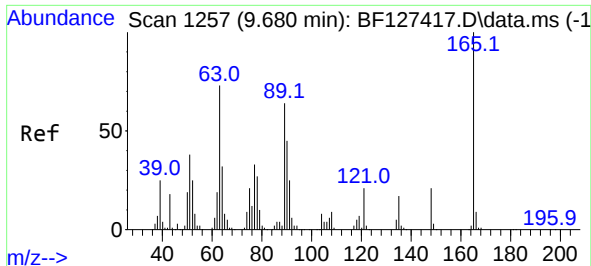


#50
Dimethylphthalate
Concen: 42.198 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:163 Resp: 690645
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.977 ng

RT: 9.675 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

Tgt Ion:165 Resp: 147652

Ion Ratio Lower Upper

165 100

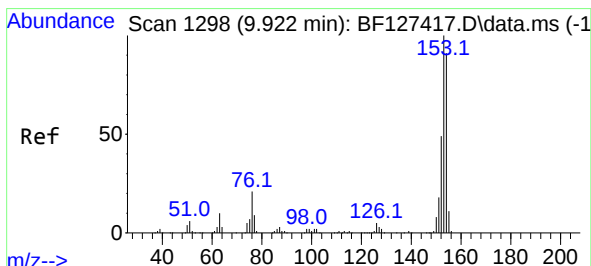
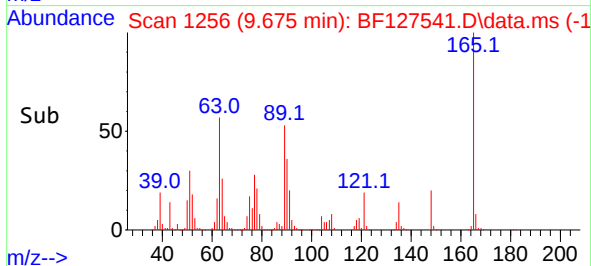
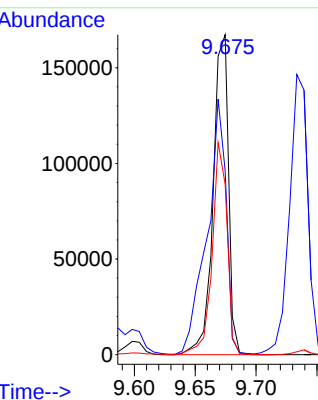
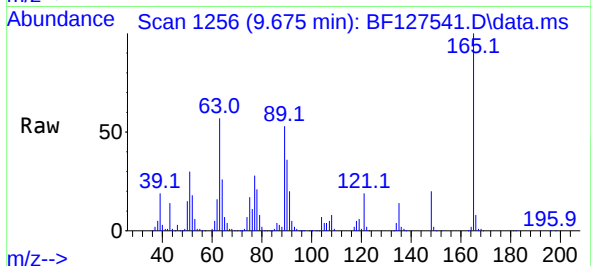
63 57.4 58.3 87.5

89 53.3 51.5 77.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#52

Acenaphthene

Concen: 41.483 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

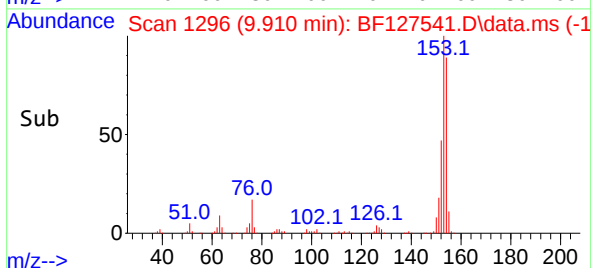
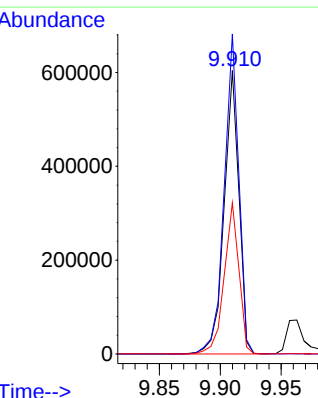
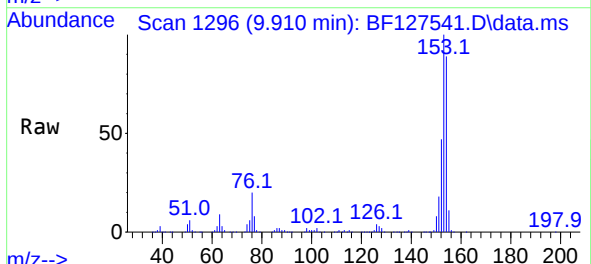
Tgt Ion:154 Resp: 511978

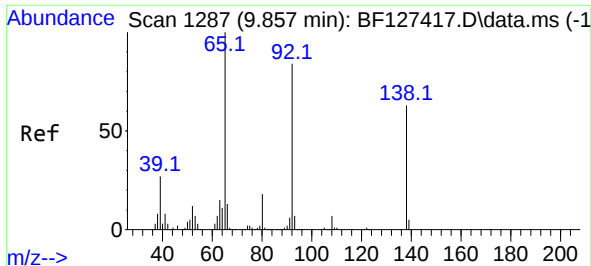
Ion Ratio Lower Upper

154 100

153 112.9 87.6 131.4

152 53.4 42.9 64.3





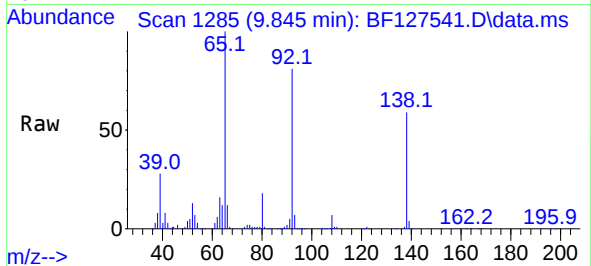
#53
3-Nitroaniline
Concen: 27.738 ng
RT: 9.845 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

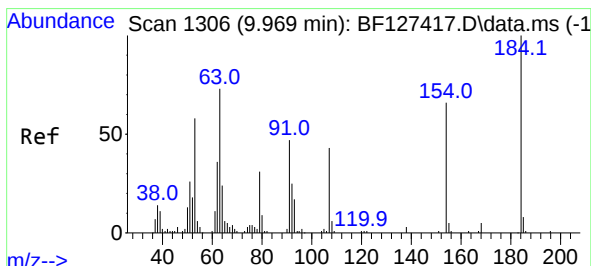
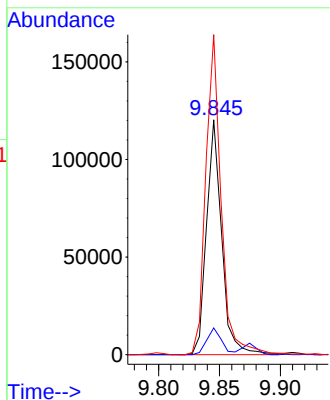
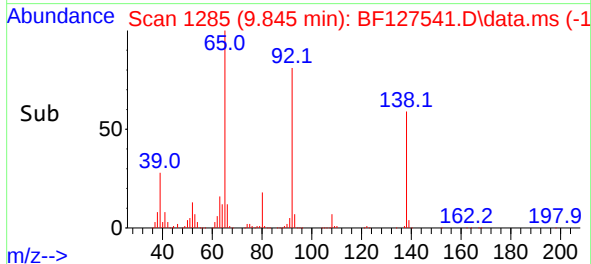


Tgt Ion:138 Resp: 10453
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 136.2 106.1 159.1

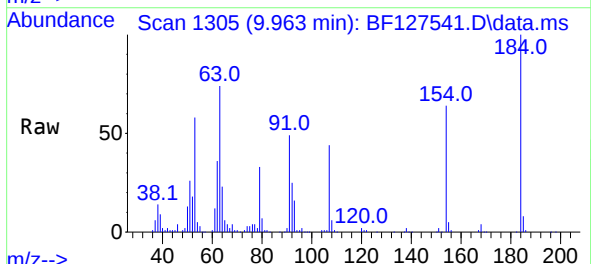
Manual Integrations

APPROVED

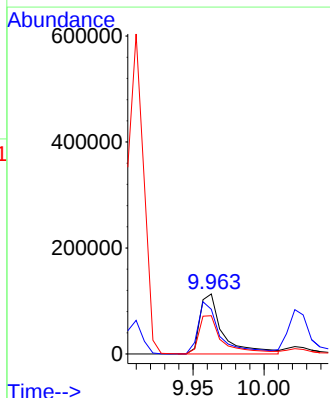
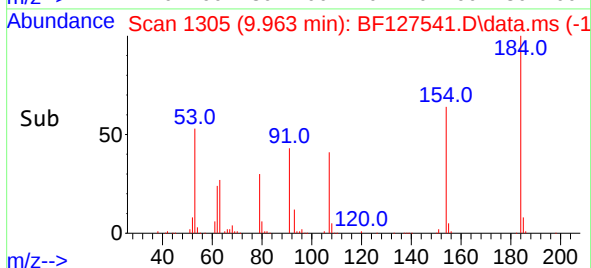
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

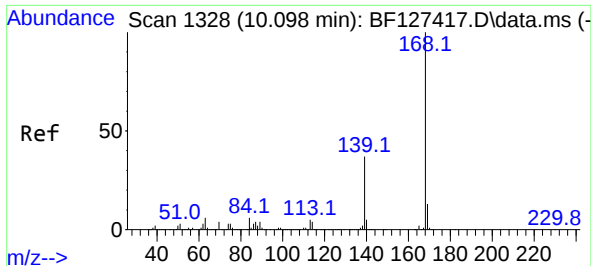


#54
2,4-Dinitrophenol
Concen: 73.929 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



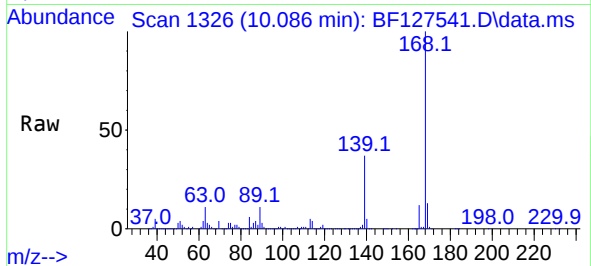
Tgt Ion:184 Resp: 126904
Ion Ratio Lower Upper
184 100
63 74.4 58.1 87.1
154 63.9 53.2 79.8





#55
Dibenzenofuran
Concen: 41.304 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

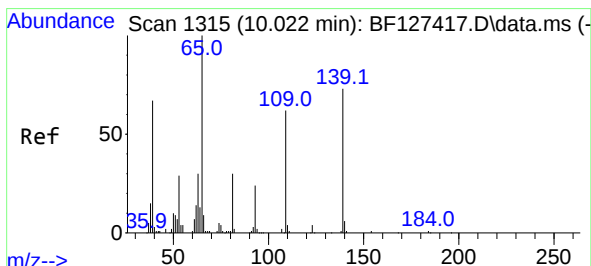
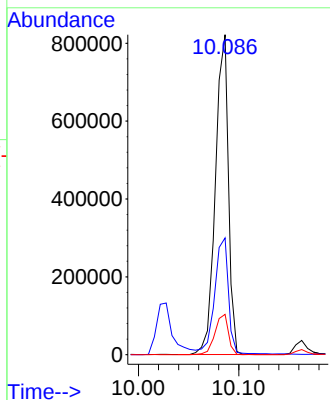
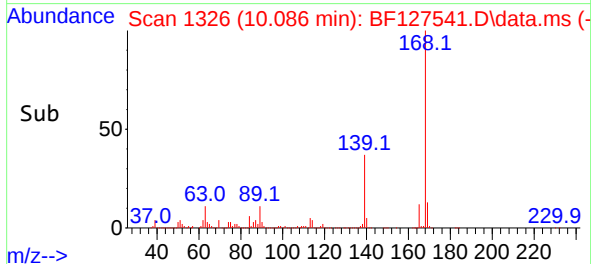
Instrument :
BNA_F
ClientSampleId :
PB143603BS



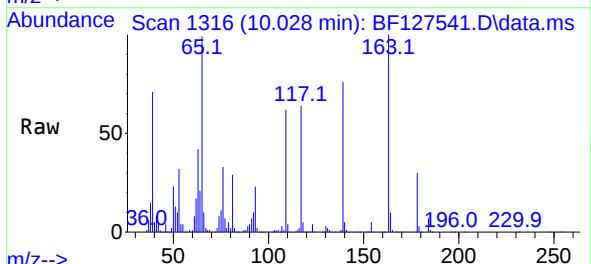
Tgt Ion:168 Resp: 740398
Ion Ratio Lower Upper
168 100
139 36.5 30.3 45.5
169 12.6 10.8 16.2

Manual Integrations
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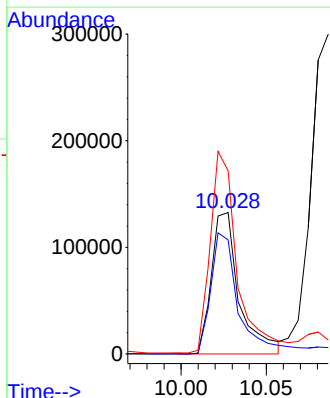
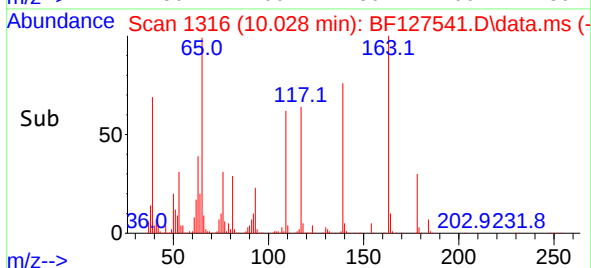
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#56
4-Nitrophenol
Concen: 78.816 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



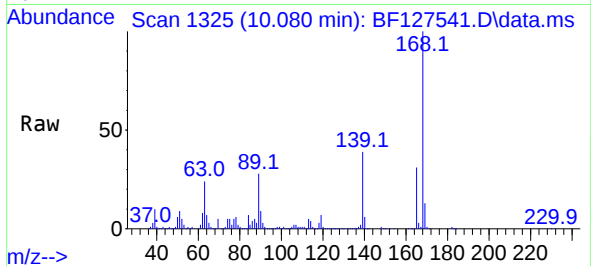
Tgt Ion:139 Resp: 151177
Ion Ratio Lower Upper
139 100
109 80.6 64.3 104.3
65 129.6 117.5 157.5





#57
2,4-Dinitrotoluene
Concen: 40.798 ng
RT: 10.080 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

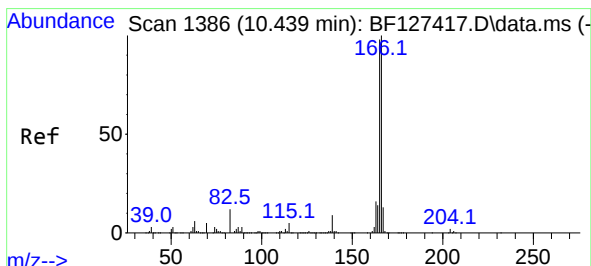
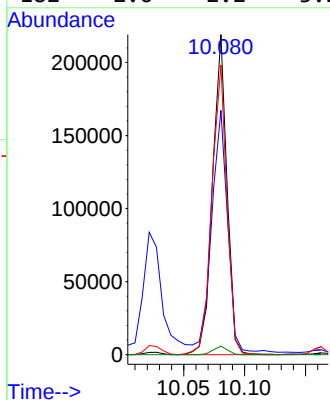
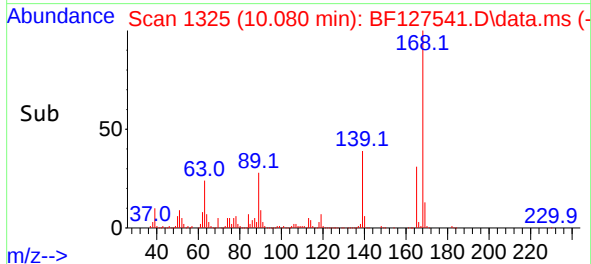
Instrument :
BNA_F
ClientSampleId :
PB143603BS



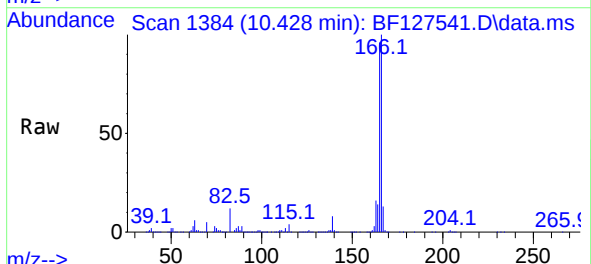
Tgt Ion:165 Resp: 18041
Ion Ratio Lower Upper
165 100
63 76.3 53.1 79.7
89 90.5 69.2 103.8
182 2.6 2.2 3.2

Manual Integrations
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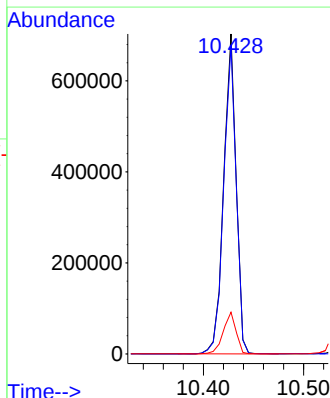
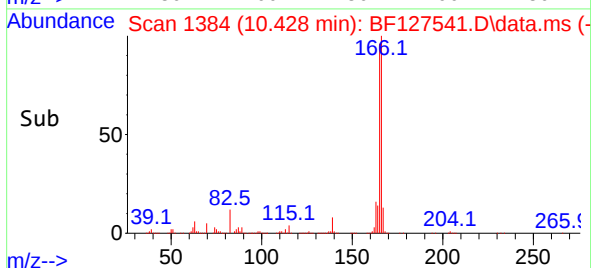
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

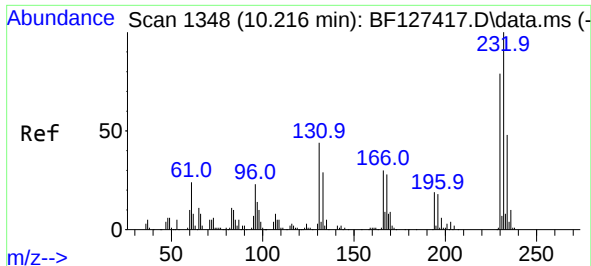


#58
Fluorene
Concen: 42.078 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



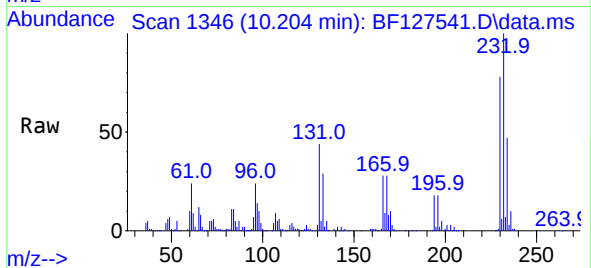
Tgt Ion:166 Resp: 603867
Ion Ratio Lower Upper
166 100
165 96.4 78.1 117.1
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.767 ng
RT: 10.204 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

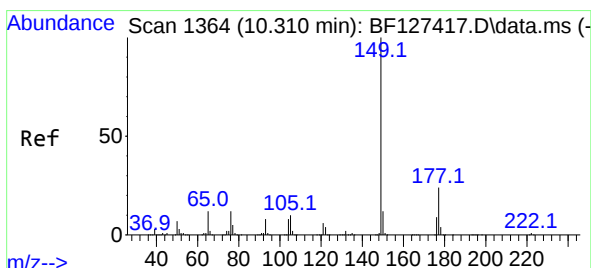
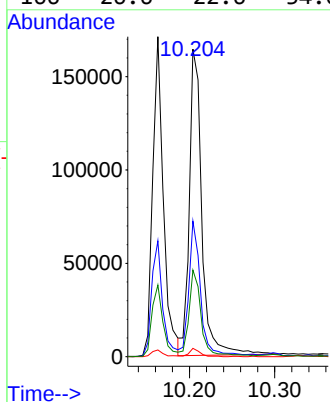
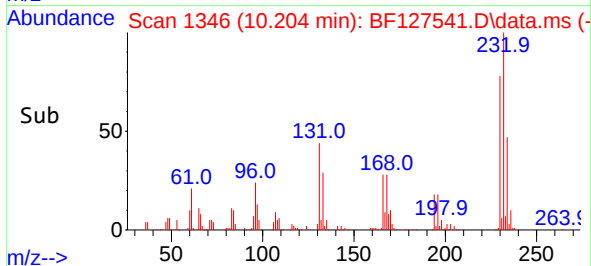
Instrument :
BNA_F
ClientSampleId :
PB143603BS



Tgt Ion:232 Resp: 167764
Ion Ratio Lower Upper
232 100
131 40.6 33.4 50.0
130 2.3 1.8 2.6
166 26.6 22.6 34.0

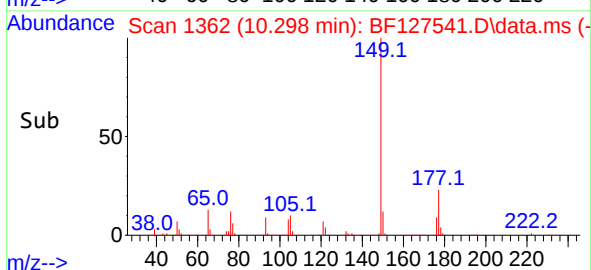
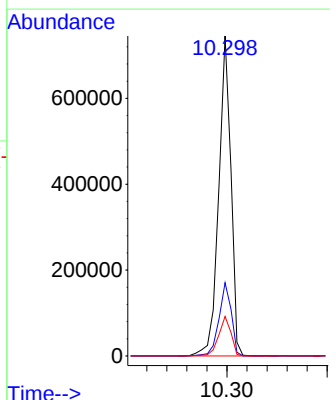
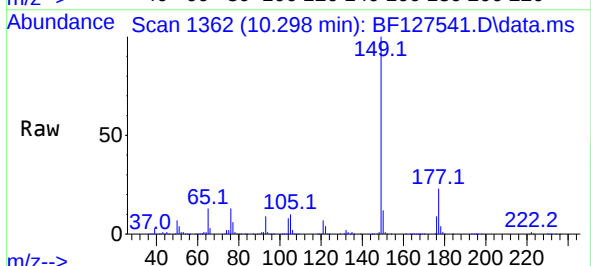
Manual Integrations
APPROVED

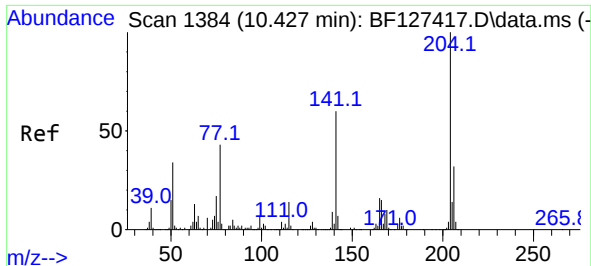
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#60
Diethylphthalate
Concen: 41.857 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion:149 Resp: 625715
Ion Ratio Lower Upper
149 100
177 22.9 18.9 28.3
150 12.3 10.0 15.0





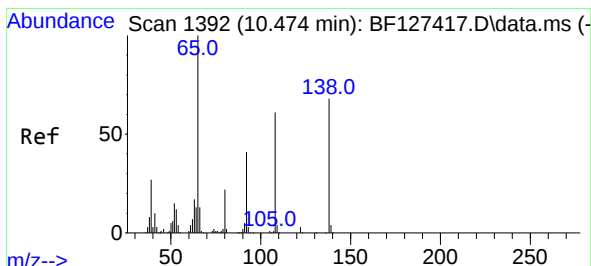
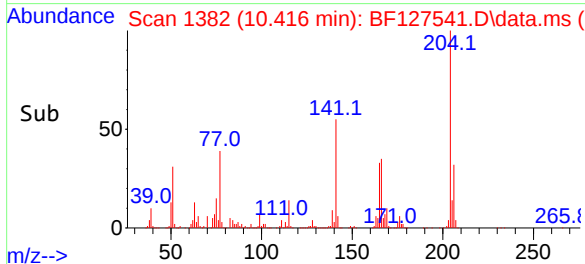
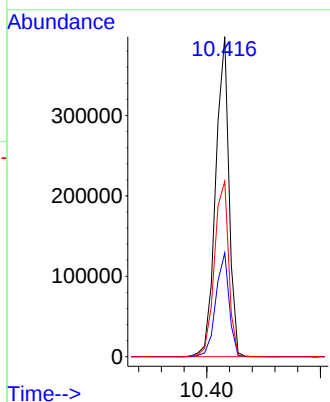
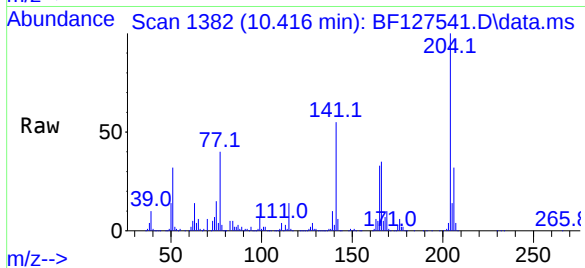
#61
4-Chlorophenyl-phenylether
Concen: 38.434 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143603BS

Tgt Ion:204 Resp: 325100
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 54.8 47.8 71.8

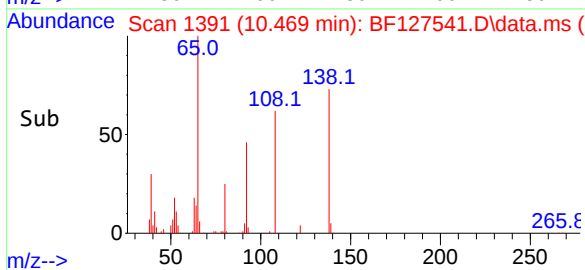
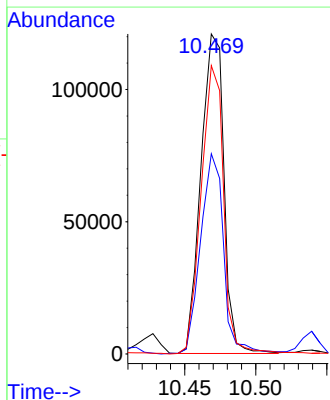
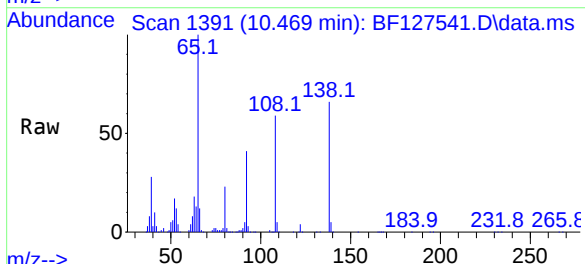
Manual Integrations
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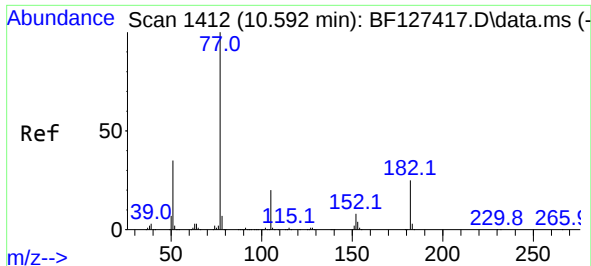
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#62
4-Nitroaniline
Concen: 38.593 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

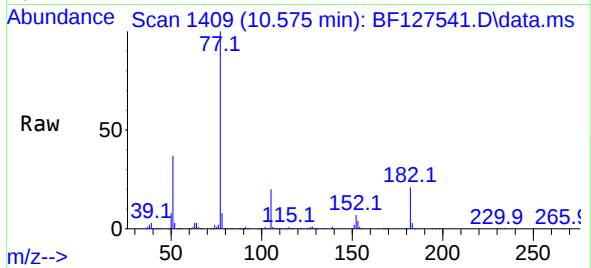
Tgt Ion:138 Resp: 136235
Ion Ratio Lower Upper
138 100
92 62.5 40.5 80.5
108 90.1 69.2 109.2





#63
Azobenzene
Concen: 40.557 ng
RT: 10.575 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

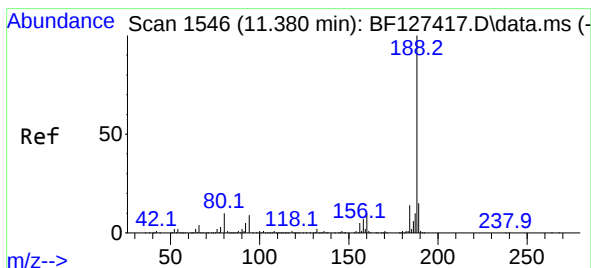
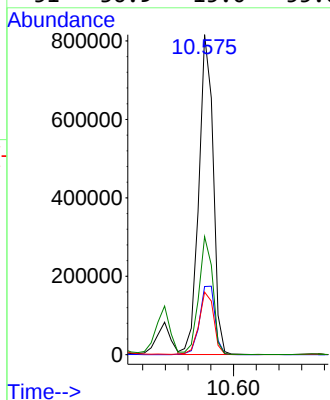
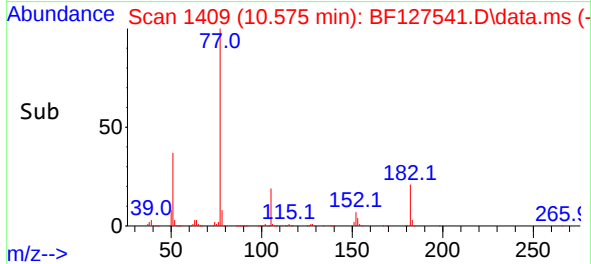
Instrument :
BNA_F
ClientSampleId :
PB143603BS



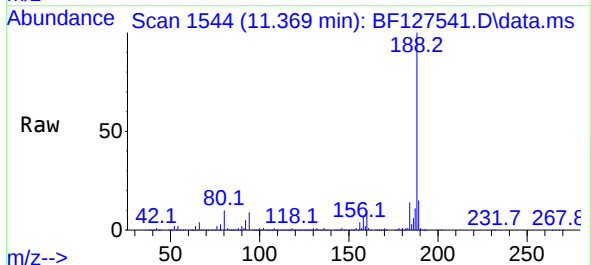
Tgt Ion: 77 Resp: 715370
Ion Ratio Lower Upper
77 100
182 21.3 4.5 44.5
105 19.5 0.3 40.3
51 36.9 15.0 55.0

Manual Integrations
APPROVED

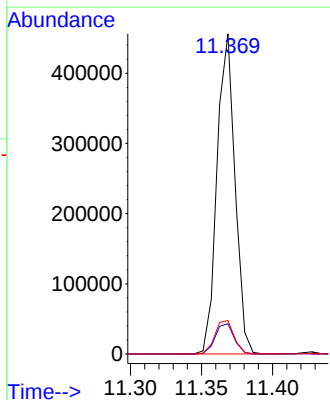
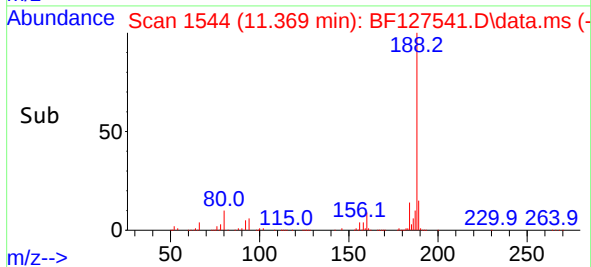
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

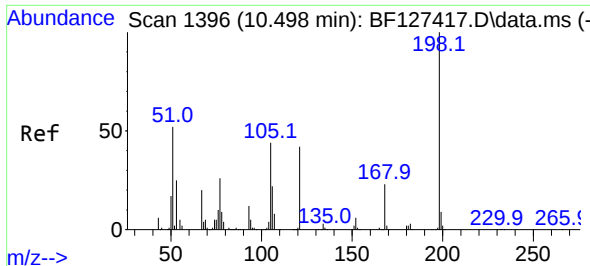


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:188 Resp: 400962
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.4 8.0 12.0





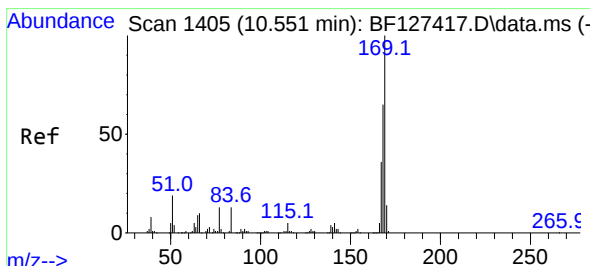
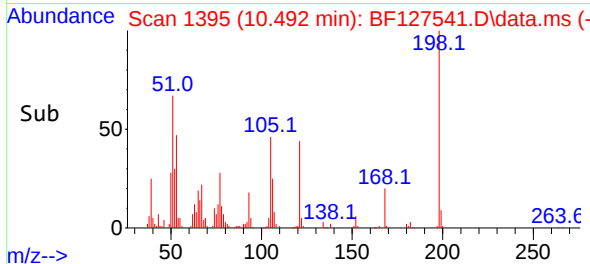
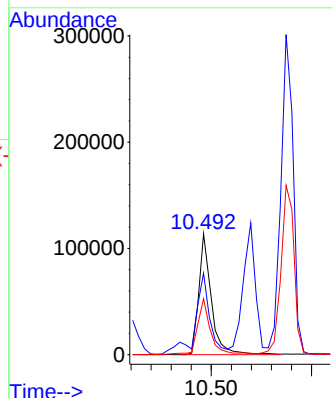
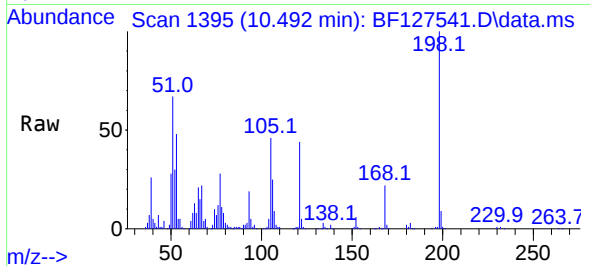
#65
4,6-Dinitro-2-methylphenol
Concen: 40.208 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143603BS

Tgt Ion:198 Resp: 9920
Ion Ratio Lower Upper
198 100
51 67.3 42.7 82.7
105 46.1 25.4 65.4

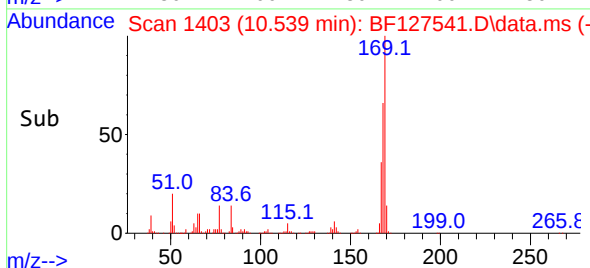
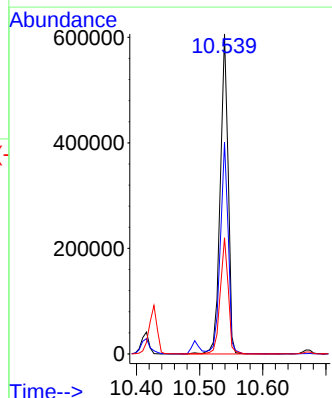
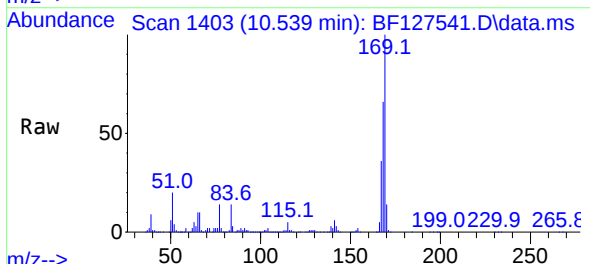
Manual Integrations
APPROVED

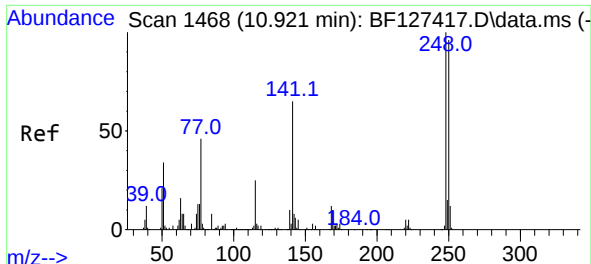
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#66
n-Nitrosodiphenylamine
Concen: 43.277 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

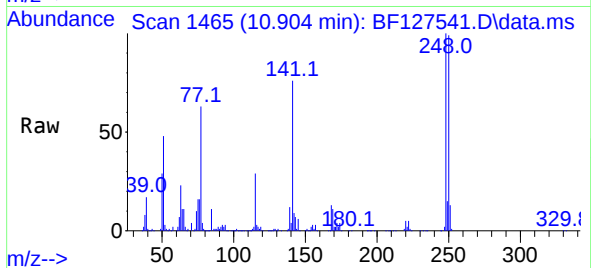
Tgt Ion:169 Resp: 528215
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.137 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

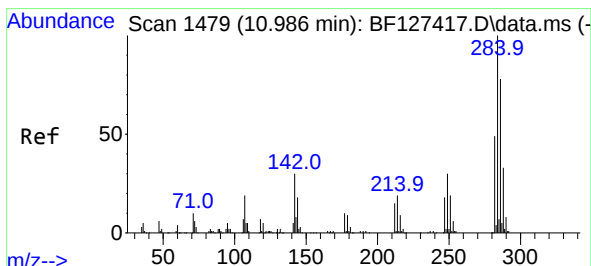
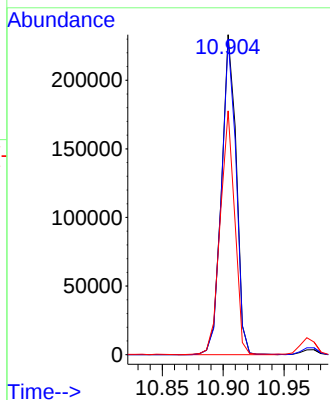
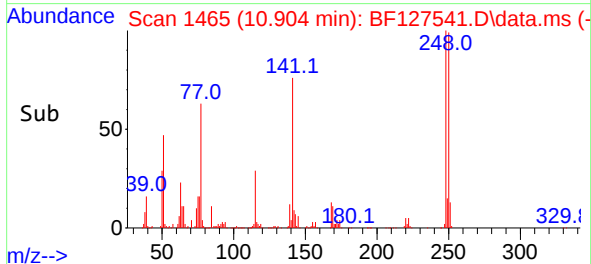
Instrument :
BNA_F
ClientSampleId :
PB143603BS



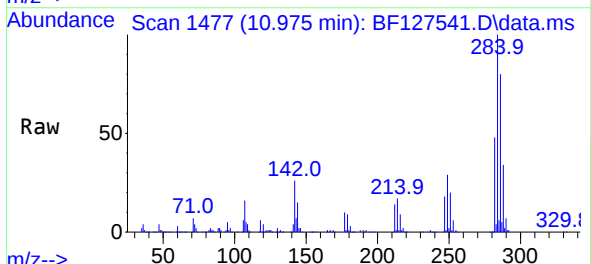
Tgt Ion:248 Resp: 19725
Ion Ratio Lower Upper
248 100
250 98.5 76.6 115.0
141 76.2 52.2 78.2

Manual Integrations
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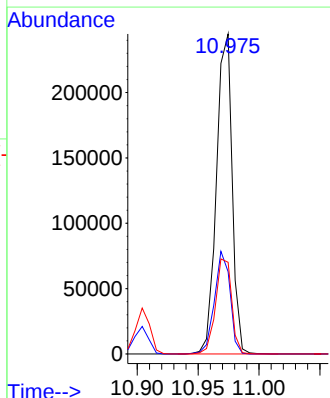
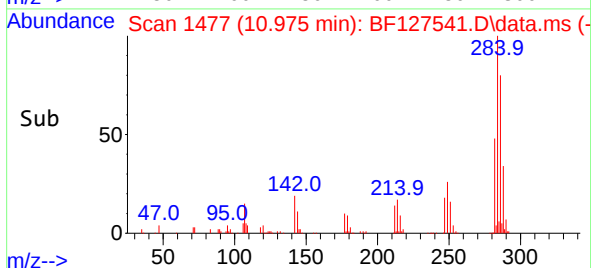
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

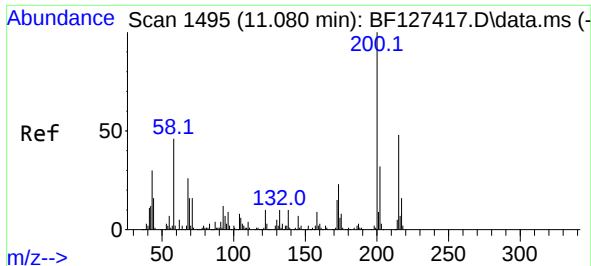


#68
Hexachlorobenzene
Concen: 43.078 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



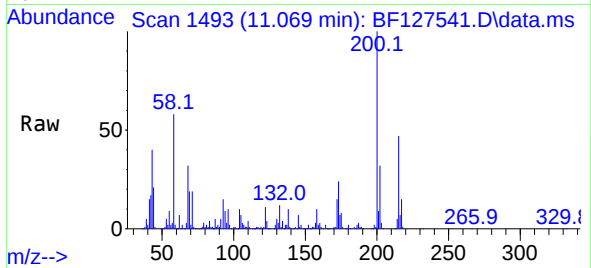
Tgt Ion:284 Resp: 220125
Ion Ratio Lower Upper
284 100
142 25.7 23.8 35.8
249 28.6 23.9 35.9





#69
Atrazine
Concen: 49.056 ng
RT: 11.069 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

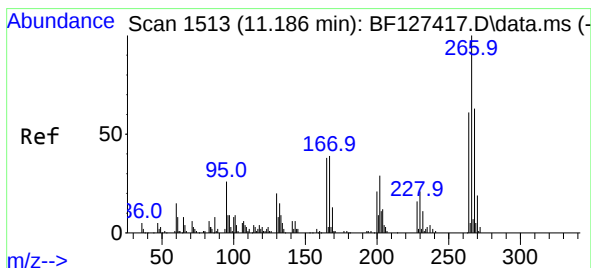
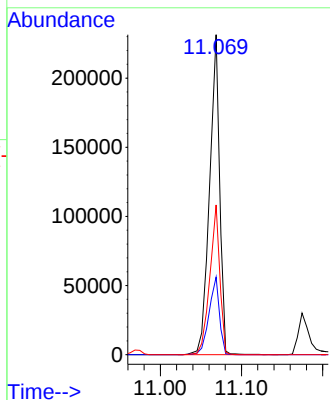
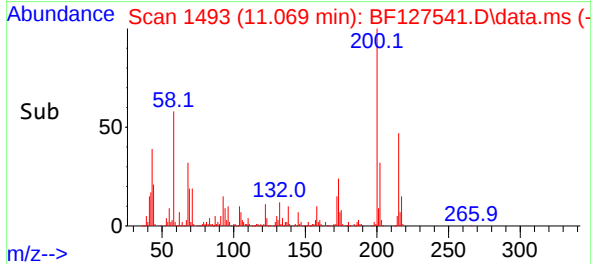
Instrument :
BNA_F
ClientSampleId :
PB143603BS



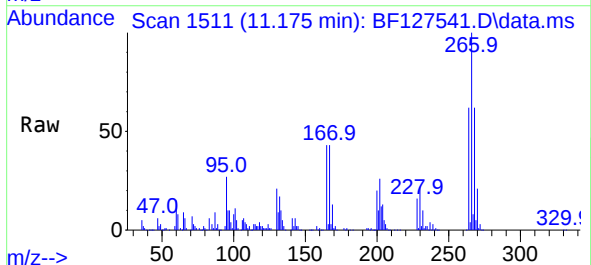
Tgt Ion:200 Resp: 199330
Ion Ratio Lower Upper
200 100
173 24.3 2.9 42.9
215 46.8 28.0 68.0

Manual Integrations
APPROVED

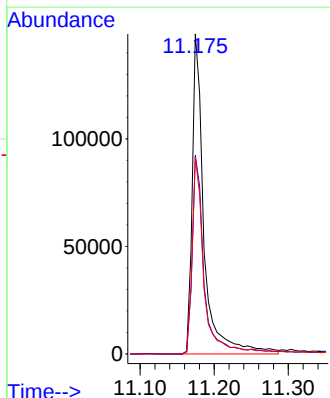
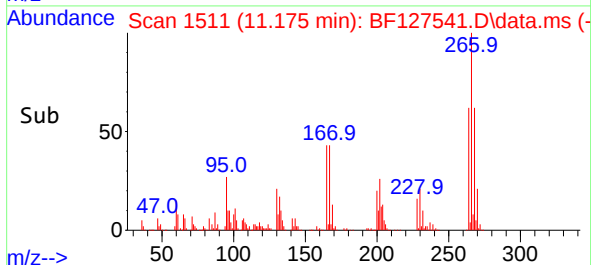
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

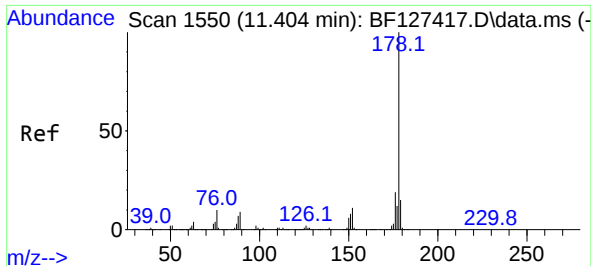


#70
Pentachlorophenol
Concen: 83.543 ng
RT: 11.175 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



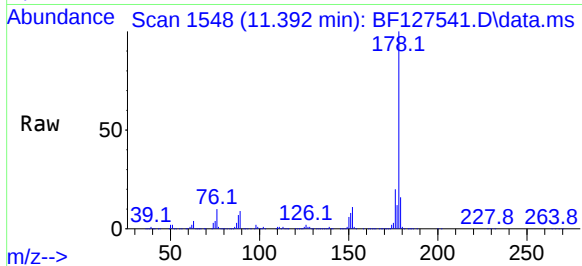
Tgt Ion:266 Resp: 165467
Ion Ratio Lower Upper
266 100
268 62.0 50.4 75.6
264 61.5 48.5 72.7





#71
Phenanthrene
Concen: 41.053 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

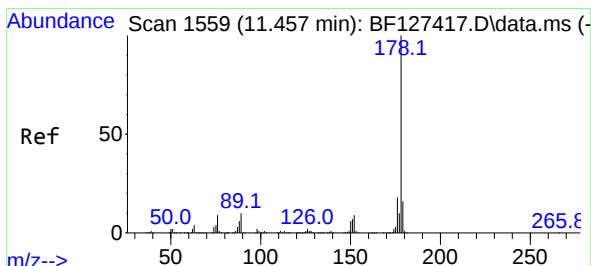
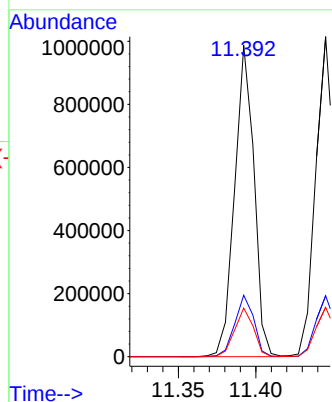
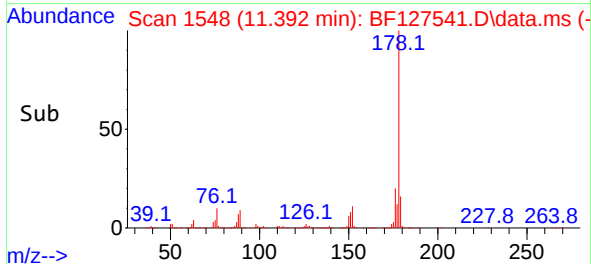
Instrument :
BNA_F
ClientSampleId :
PB143603BS



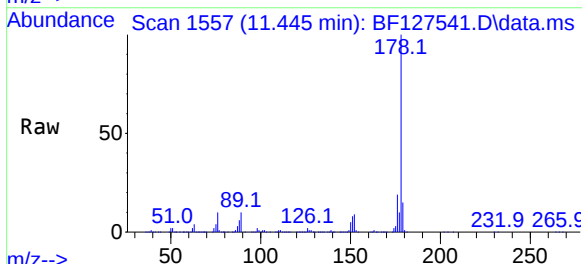
Tgt Ion:178 Resp: 858170
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.6 12.4 18.6

Manual Integrations
APPROVED

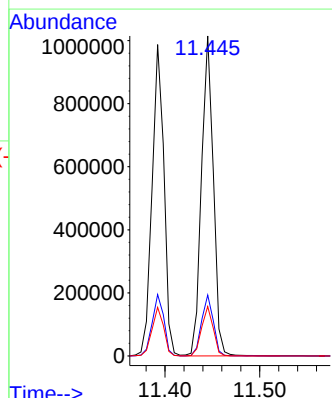
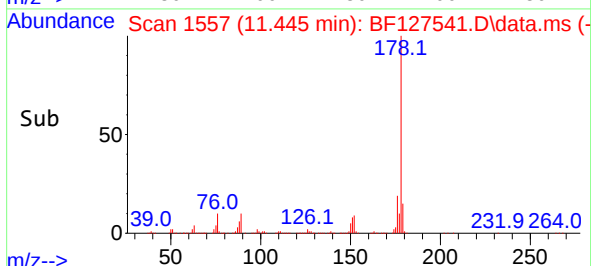
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

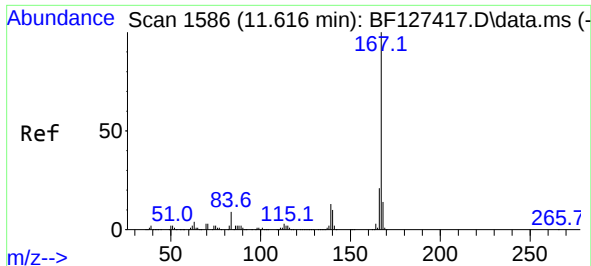


#72
Anthracene
Concen: 42.472 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



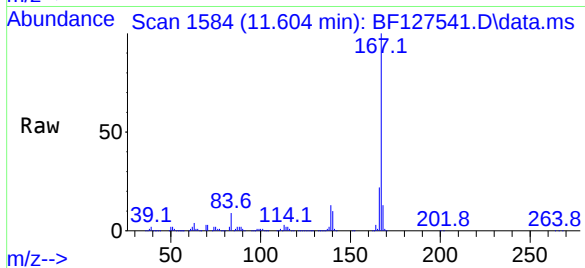
Tgt Ion:178 Resp: 881040
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 39.058 ng
 RT: 11.604 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127541.D
 Acq: 28 Mar 2022 14:47

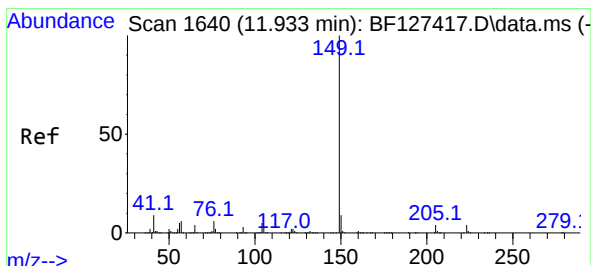
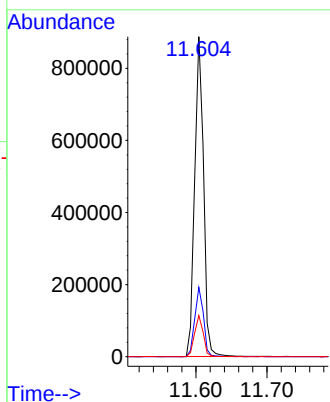
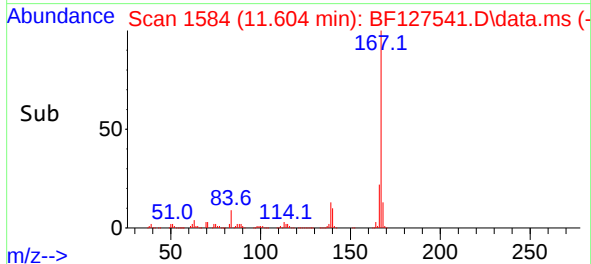
Instrument :
 BNA_F
 ClientSampleId :
 PB143603BS



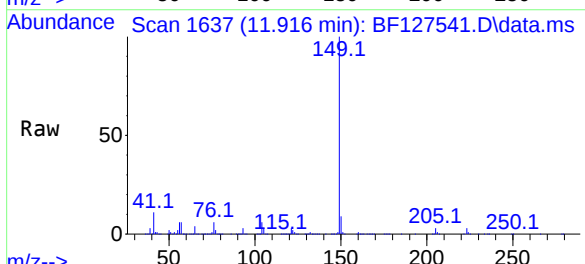
Tgt Ion:167 Resp: 77484
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 12.8 10.5 15.7

Manual Integrations
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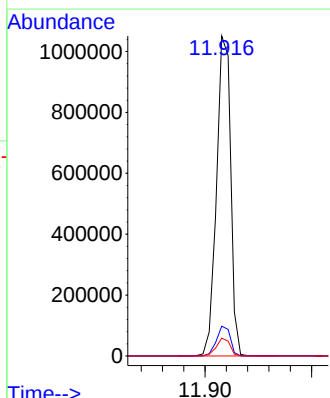
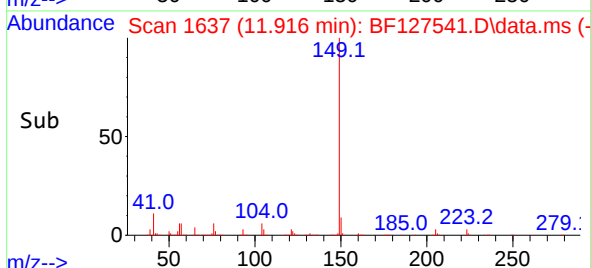
Reviewed By :Christian Giraldo 03/29/2022
 Supervised By :mohammad ahmed 03/29/2022

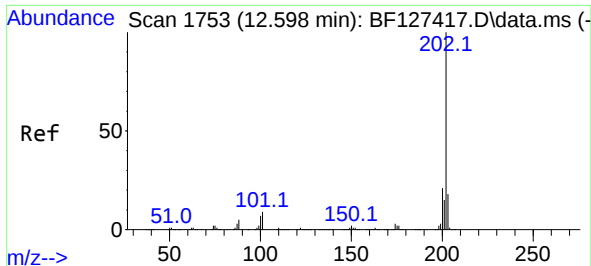


#74
 Di-n-butylphthalate
 Concen: 47.004 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BF127541.D
 Acq: 28 Mar 2022 14:47



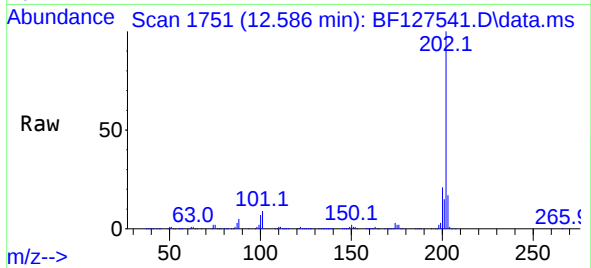
Tgt Ion:149 Resp: 965209
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 41.245 ng
RT: 12.586 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

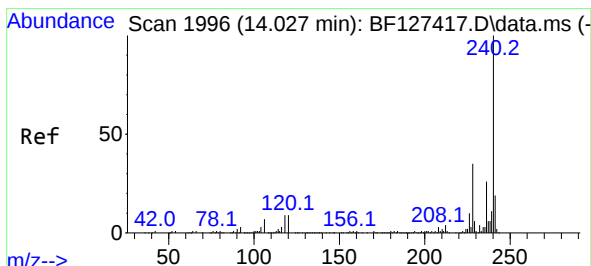
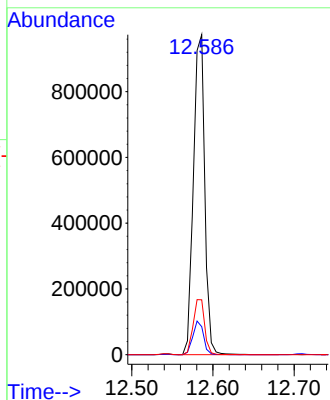
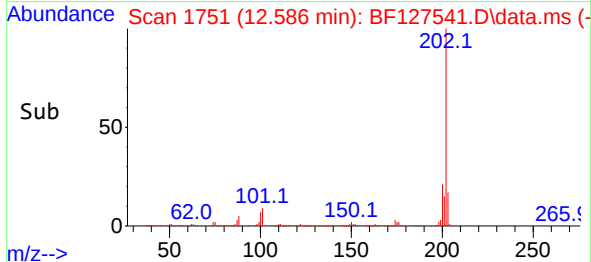
Instrument :
BNA_F
ClientSampleId :
PB143603BS



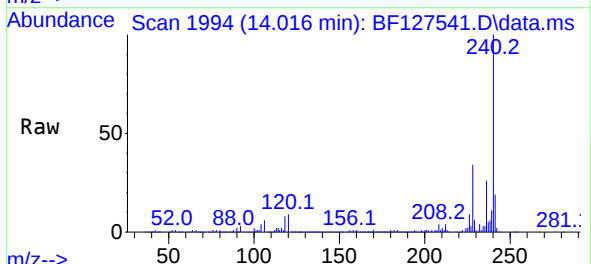
Tgt Ion:202 Resp: 948295
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.1 0.0 37.7

Manual Integrations
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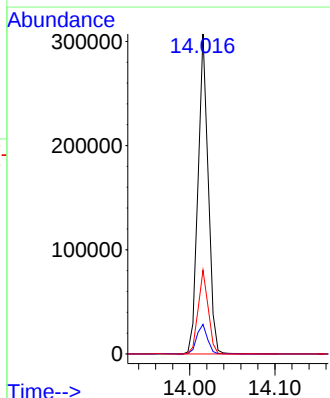
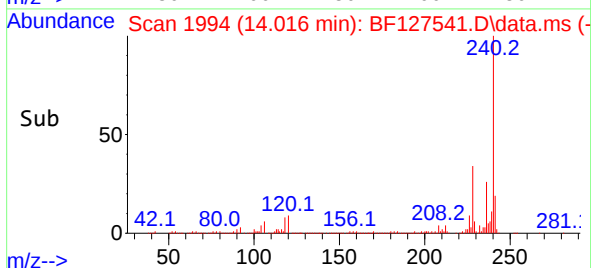
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

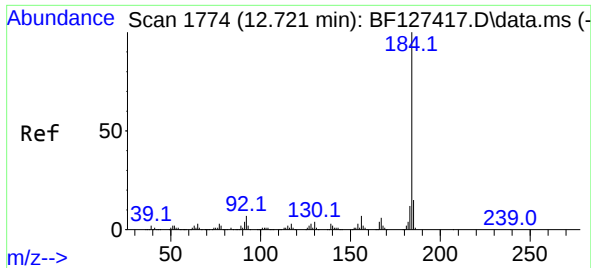


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:240 Resp: 255812
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 26.2 20.7 31.1





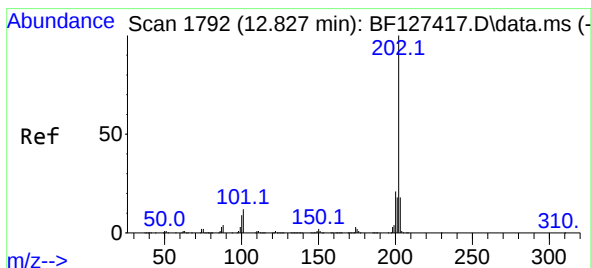
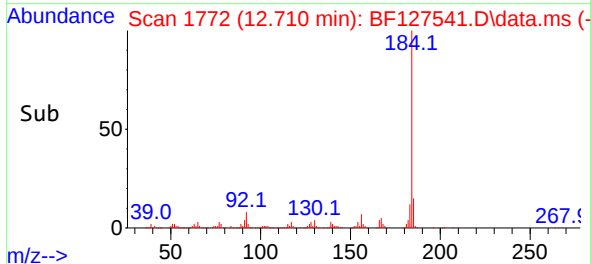
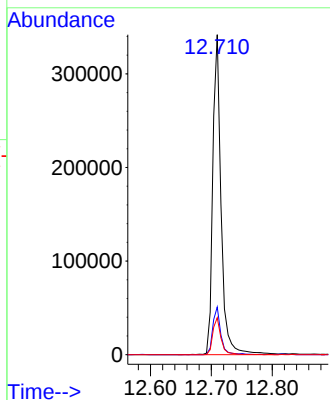
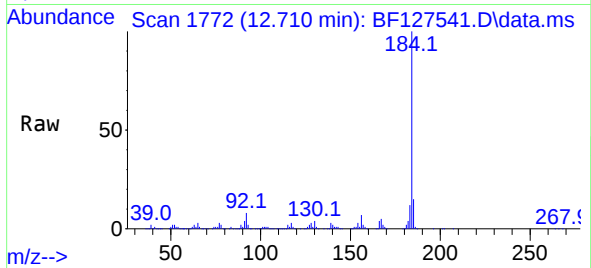
#77
Benzidine
Concen: 53.490 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :
BNA_F
ClientSampleId :
PB143603BS

Tgt Ion:184 Resp: 32626
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.6 9.4 14.0

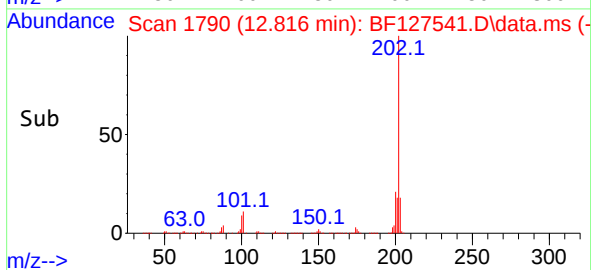
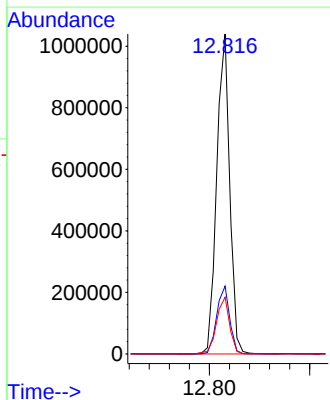
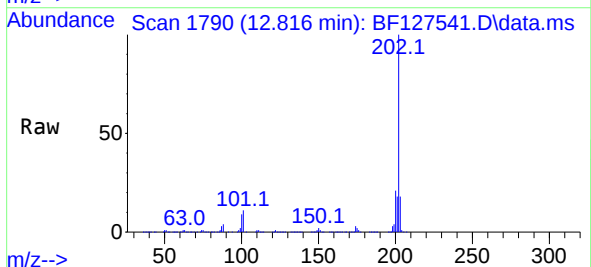
Manual Integrations
APPROVED

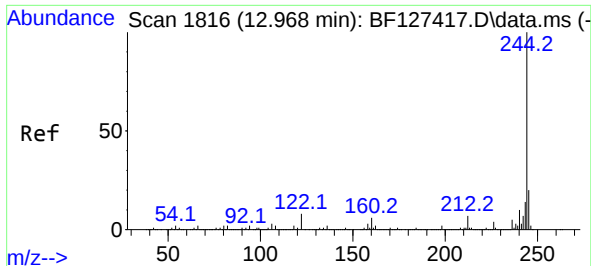
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#78
Pyrene
Concen: 42.360 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

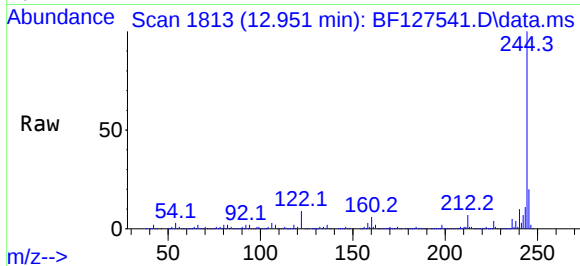
Tgt Ion:202 Resp: 929992
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.7 14.3 21.5





#79
Terphenyl-d14
Concen: 81.797 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

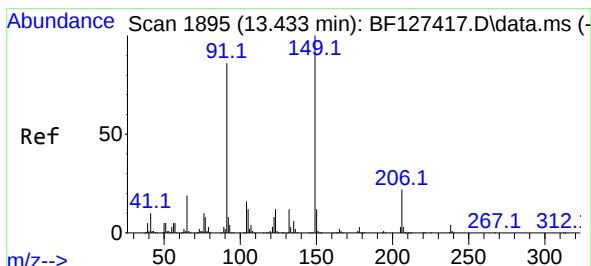
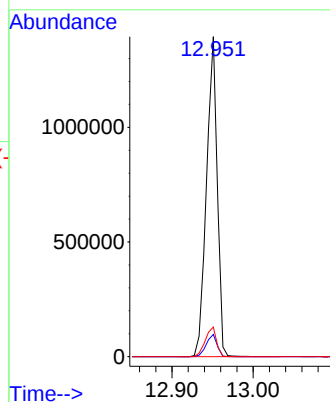
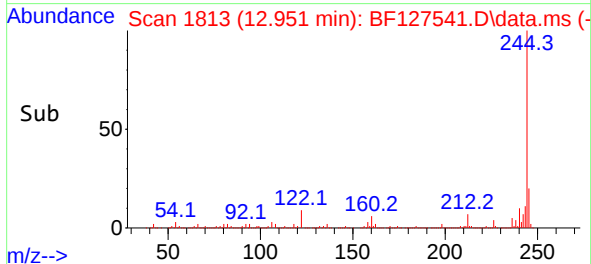
Instrument :
BNA_F
ClientSampleId :
PB143603BS



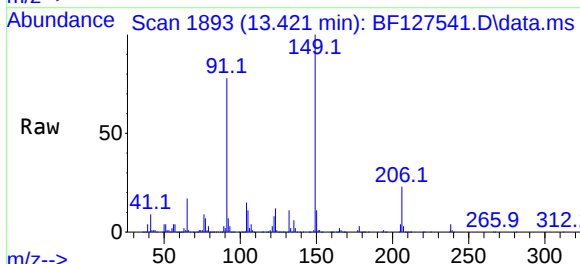
Tgt Ion:244 Resp: 1278220
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.2 6.2 9.2

Manual Integrations
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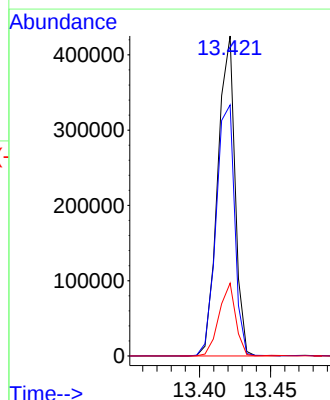
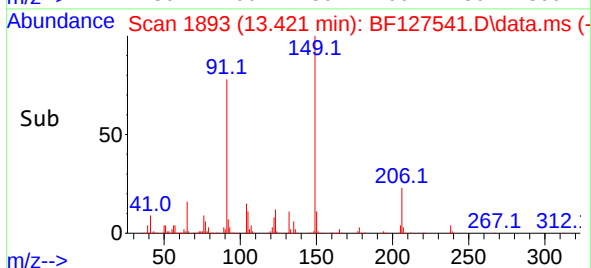
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

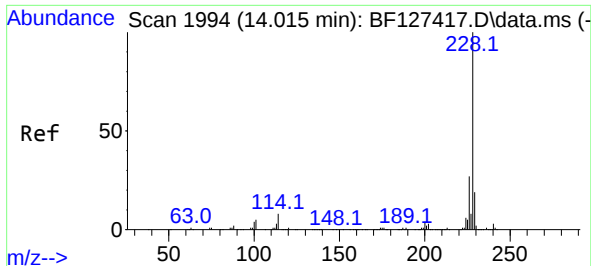


#80
Butylbenzylphthalate
Concen: 49.791 ng
RT: 13.421 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



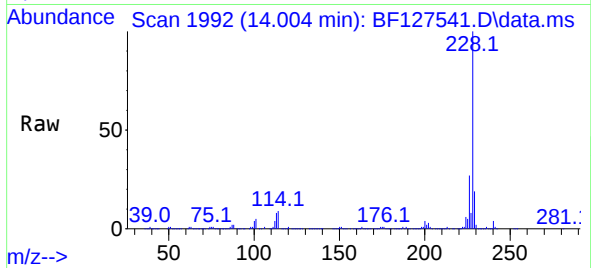
Tgt Ion:149 Resp: 359774
Ion Ratio Lower Upper
149 100
91 78.4 69.1 103.7
206 22.7 17.7 26.5





#81
Benzo(a)anthracene
Concen: 40.587 ng
RT: 14.004 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

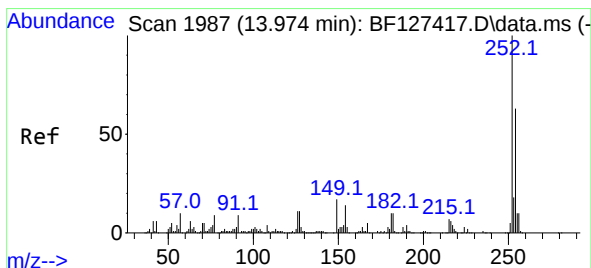
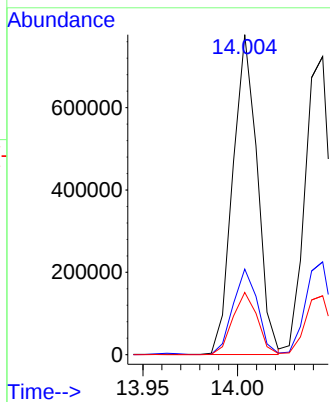
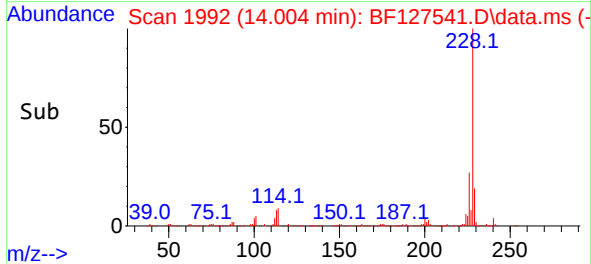
Instrument :
BNA_F
ClientSampleId :
PB143603BS



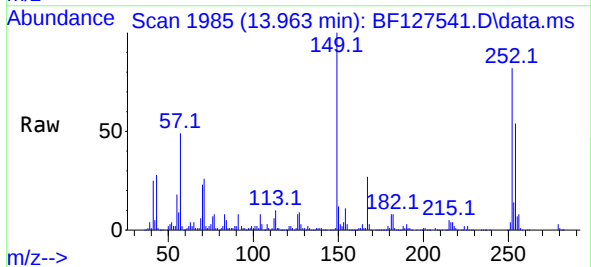
Tgt Ion:228 Resp: 694344
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.4 15.4 23.2

Manual Integrations
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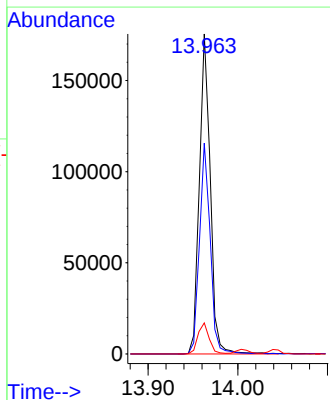
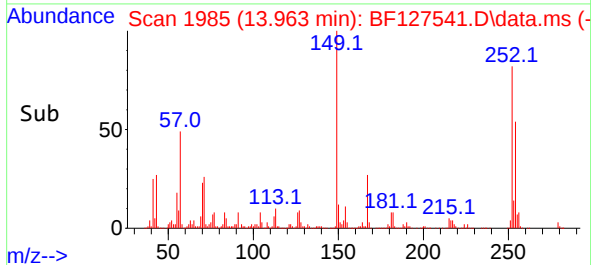
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

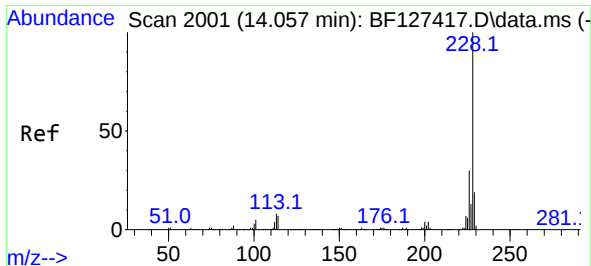


#82
3,3'-Dichlorobenzidine
Concen: 29.430 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



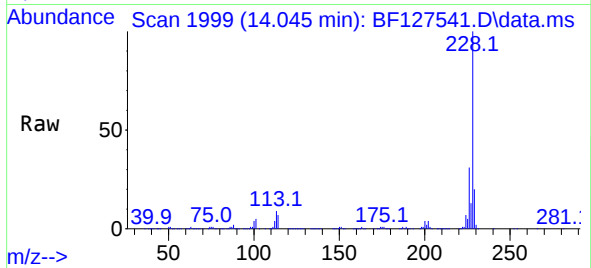
Tgt Ion:252 Resp: 147968
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.4
126 9.7 8.7 13.1





#83
Chrysene
Concen: 42.038 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

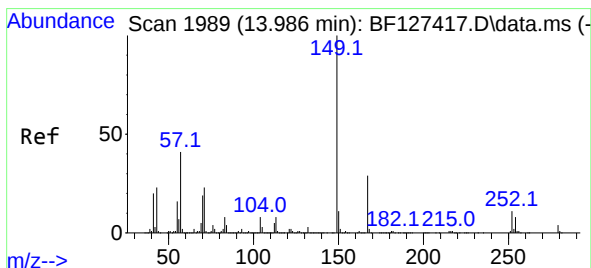
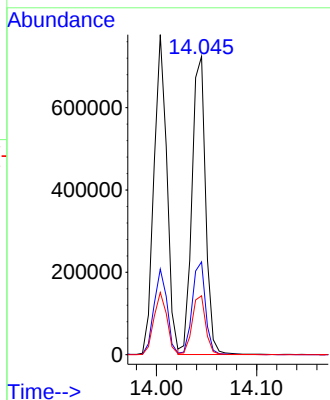
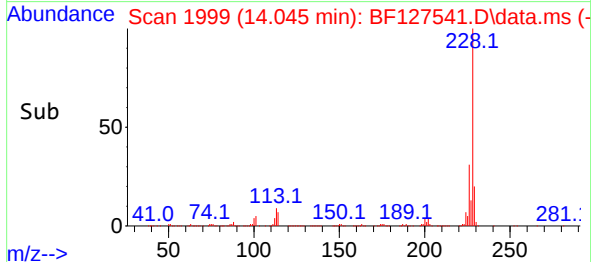
Instrument :
BNA_F
ClientSampleId :
PB143603BS



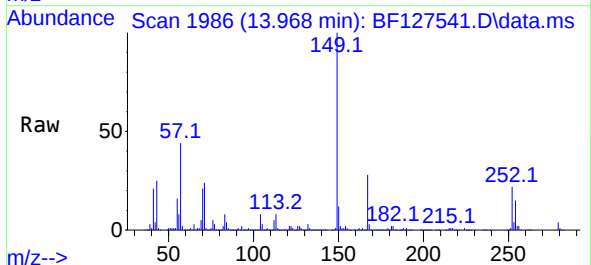
Tgt Ion:228 Resp: 68099
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 19.8 15.4 23.2

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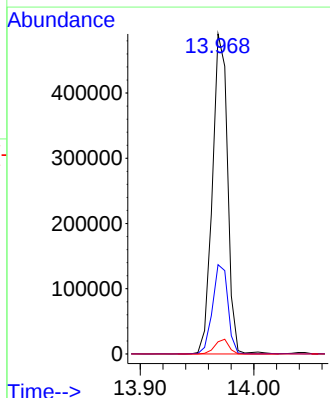
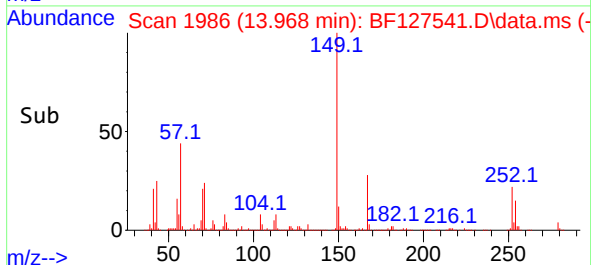
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

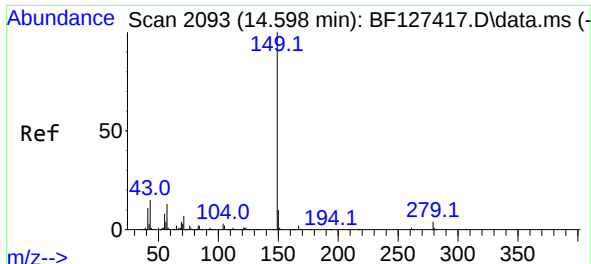


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.418 ng
RT: 13.968 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:149 Resp: 454533
Ion Ratio Lower Upper
149 100
167 27.9 22.9 34.3
279 3.8 3.2 4.8





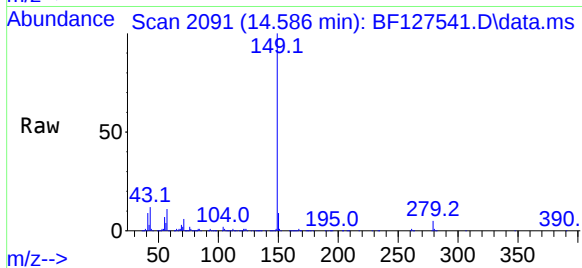
#85
Di-n-octyl phthalate
Concen: 62.541 ng
RT: 14.586 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

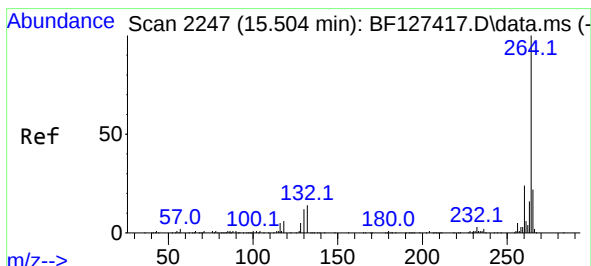
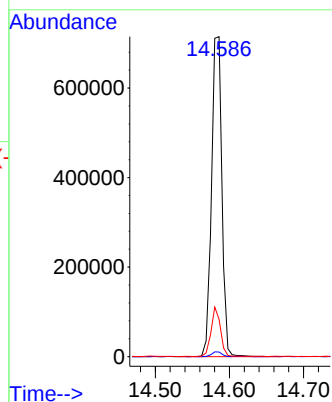
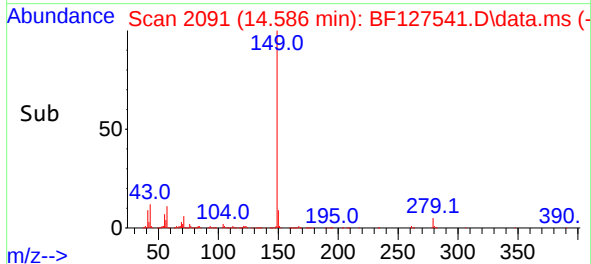


Tgt Ion:149 Resp: 69514
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.9 11.0 16.6

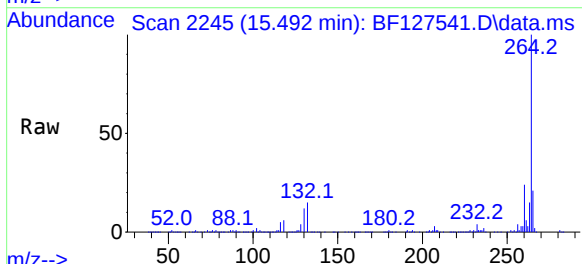
Manual Integrations

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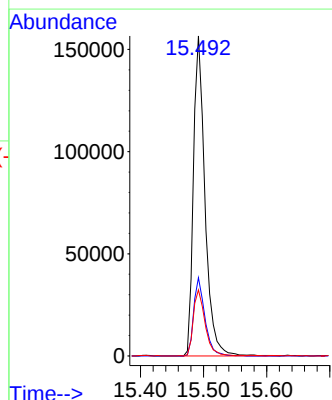
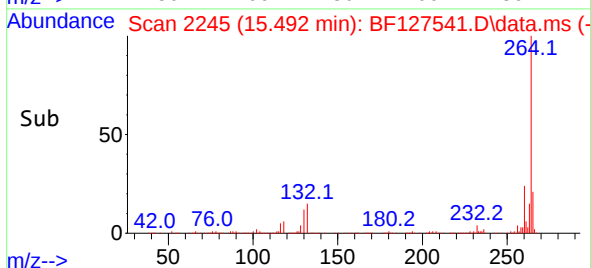
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

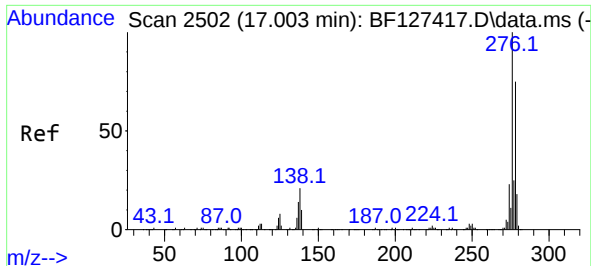


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:264 Resp: 199077
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 20.6 17.4 26.2





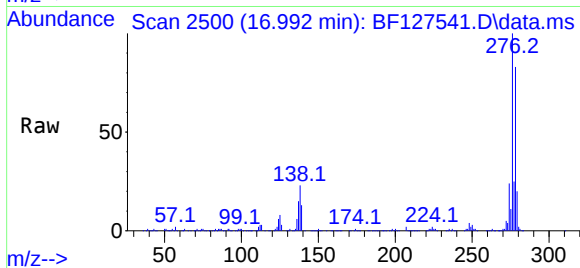
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.784 ng
RT: 16.992 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

PB143603BS

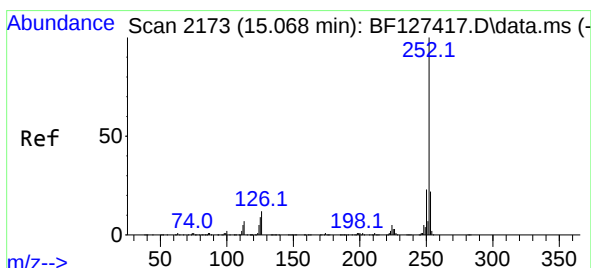
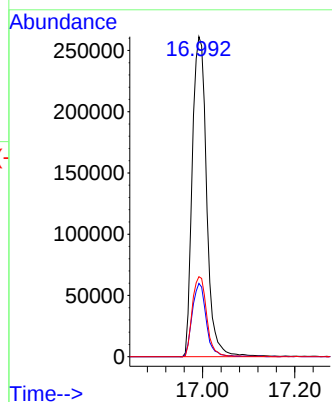
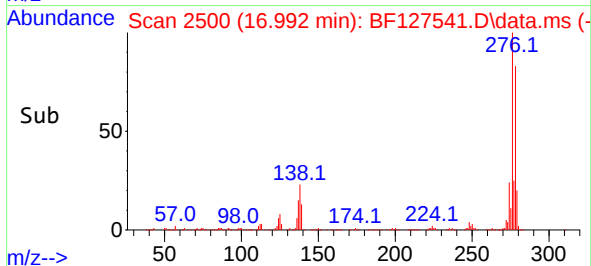


Tgt Ion:276 Resp: 562864
Ion Ratio Lower Upper
276 100
138 22.2 17.1 25.7
277 25.1 19.9 29.9

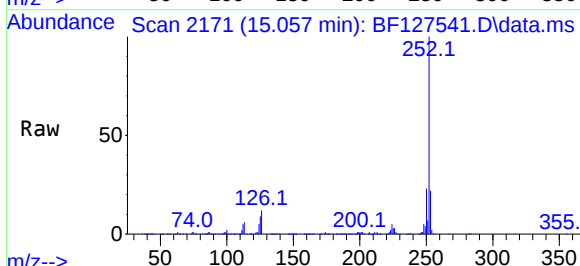
Manual Integrations

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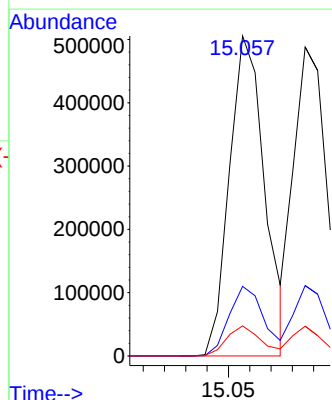
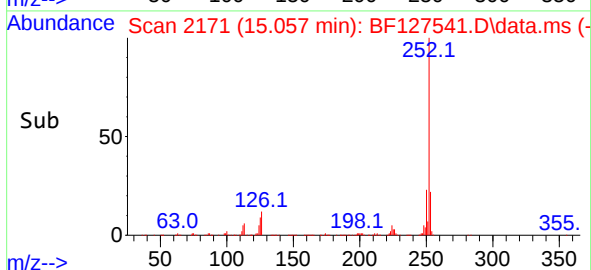
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

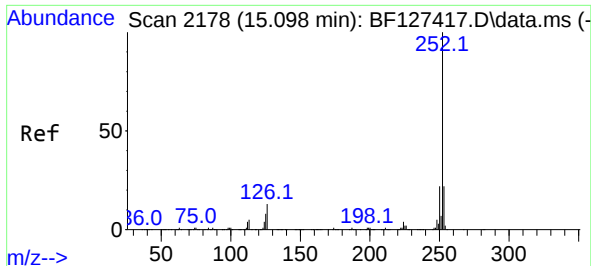


#88
Benzo(b)fluoranthene
Concen: 46.469 ng
RT: 15.057 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47



Tgt Ion:252 Resp: 583292
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 42.208 ng

RT: 15.086 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

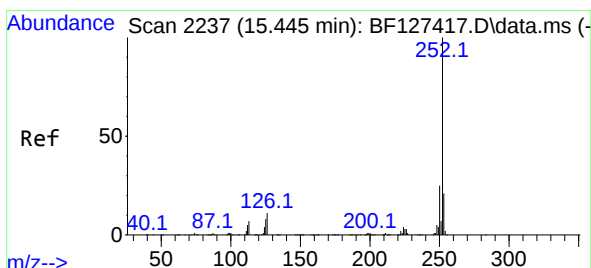
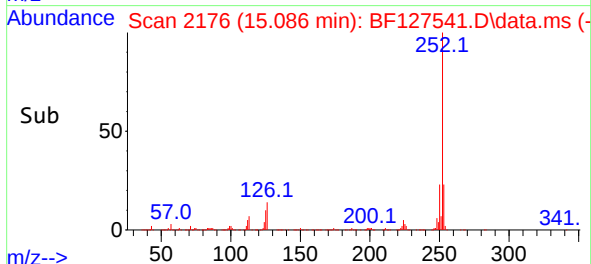
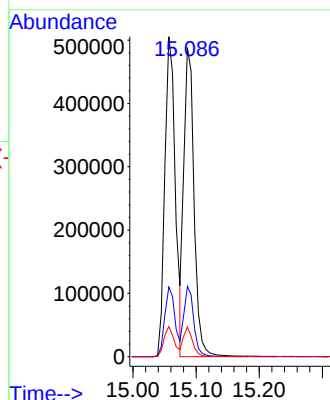
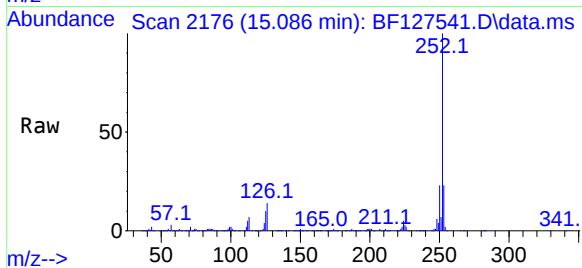
PB143603BS

Tgt Ion:252 Resp: 549234
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.3 25.9
 125 9.6 6.9 10.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022
 Supervised By :mohammad ahmed 03/29/2022



#90

Benzo(a)pyrene

Concen: 52.696 ng

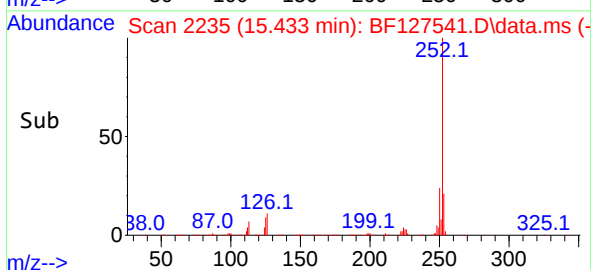
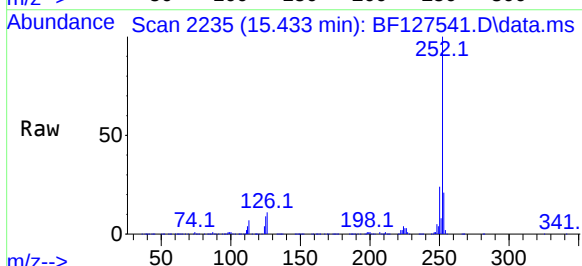
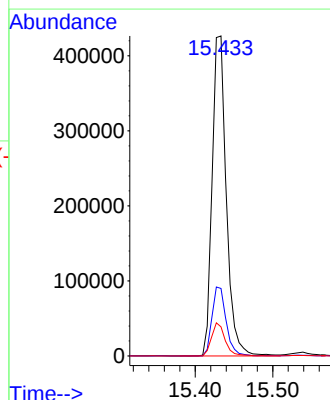
RT: 15.433 min Scan# 2235

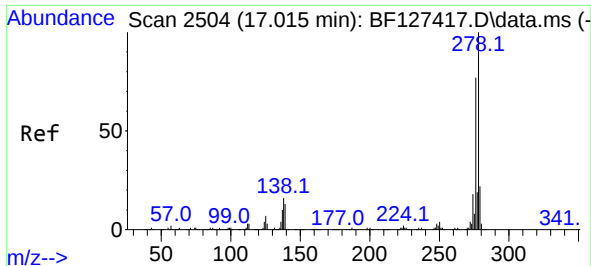
Delta R.T. 0.006 min

Lab File: BF127541.D

Acq: 28 Mar 2022 14:47

Tgt Ion:252 Resp: 542842
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.0 25.6
 125 9.1 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 43.529 ng
RT: 16.998 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Instrument :

BNA_F

ClientSampleId :

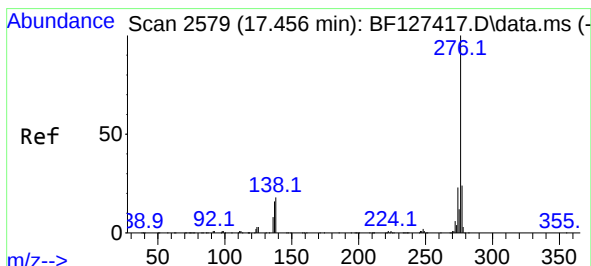
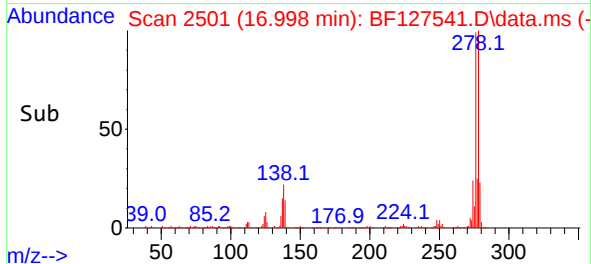
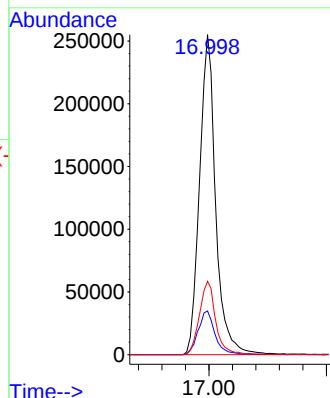
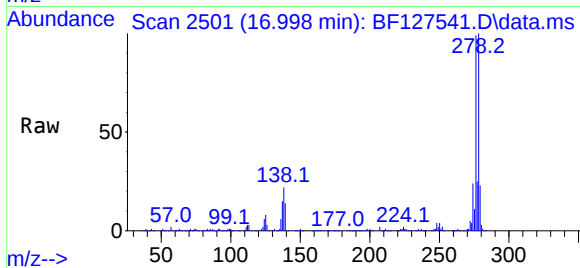
PB143603BS

Tgt Ion:278 Resp: 484111
Ion Ratio Lower Upper
278 100
139 13.6 10.8 16.2
279 23.0 17.7 26.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022
Supervised By :mohammad ahmed 03/29/2022



#92
Benzo(g,h,i)perylene
Concen: 41.909 ng
RT: 17.445 min Scan# 2577
Delta R.T. 0.000 min
Lab File: BF127541.D
Acq: 28 Mar 2022 14:47

Tgt Ion:276 Resp: 481760
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.6 14.6 22.0

