

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128927.D
 Acq On : 22 Jun 2022 12:51
 Operator : CG\JU
 Sample : PB145629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145629BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/23/2022
 Supervised By : Jagrut Upadhyay 06/23/2022

Quant Time: Jun 23 01:25:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	110860	20.000	ng	-0.01
21) Naphthalene-d8	8.034	136	425578	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	183073	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	338469	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	263275	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	187734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	765665	110.010	ng	0.01
7) Phenol-d6	6.416	99	934748	110.025	ng	0.00
23) Nitrobenzene-d5	7.322	82	675734	73.926	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	244781	113.162	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1278852	97.853	ng	0.00
79) Terphenyl-d14	12.868	244	1237552	81.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	73862	28.586	ng	97
3) Pyridine	3.310	79	201209	29.314	ng	# 92
4) n-Nitrosodimethylamine	3.269	42	155232	32.613	ng	# 81
6) Aniline	6.416	93	298570	32.586	ng	# 44
8) 2-Chlorophenol	6.545	128	307432	43.168	ng	100
9) Benzaldehyde	6.298	77	10654	2.058	ng	84
10) Phenol	6.428	94	374020	41.648	ng	89
11) bis(2-Chloroethyl)ether	6.492	93	291797	44.341	ng	96
12) 1,3-Dichlorobenzene	6.687	146	335638	40.767	ng	97
13) 1,4-Dichlorobenzene	6.763	146	347092	41.743	ng	98
14) 1,2-Dichlorobenzene	6.916	146	324904	41.771	ng	97
15) Benzyl Alcohol	6.904	79	286095	40.248	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.028	45	442512	40.813	ng	# 1
17) 2-Methylphenol	7.181	107	320568	56.954	ng	# 79
18) Hexachloroethane	7.257	117	132168	42.724	ng	97
19) n-Nitroso-di-n-propyla...	7.175	70	229086	43.368	ng	99
20) 3+4-Methylphenols	7.181	107	320568	42.660	ng	# 81
22) Acetophenone	7.163	105	451395	40.554	ng	# 96
24) Nitrobenzene	7.339	77	347694	41.433	ng	97
25) Isophorone	7.581	82	613061	44.160	ng	97
26) 2-Nitrophenol	7.657	139	161062	43.561	ng	# 95
27) 2,4-Dimethylphenol	7.704	122	270715	48.065	ng	94
28) bis(2-Chloroethoxy)met...	7.786	93	354018	40.339	ng	99
29) 2,4-Dichlorophenol	7.910	162	264368	40.556	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	292487	39.849	ng	98
31) Naphthalene	8.057	128	885742	40.554	ng	99
32) Benzoic acid	7.869	122	106079	26.547	ng	98
33) 4-Chloroaniline	8.110	127	247277	30.029	ng	97
34) Hexachlorobutadiene	8.169	225	203278	39.051	ng	99
35) Caprolactam	8.498	113	75051m	41.635	ng	
36) 4-Chloro-3-methylphenol	8.616	107	295878	41.590	ng	96
37) 2-Methylnaphthalene	8.745	142	568396	40.915	ng	100
38) 1-Methylnaphthalene	8.845	142	539630	40.205	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	300330	52.822	ng	100
41) Hexachlorocyclopentadiene	8.898	237	223154	65.294	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	173433	45.107	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	181409	45.655	ng	96
46) 1,1'-Biphenyl	9.216	154	718457	52.304	ng	97
47) 2-Chloronaphthalene	9.239	162	554107	52.865	ng	99
48) 2-Nitroaniline	9.345	65	194749	54.335	ng	99
49) Acenaphthylene	9.651	152	737015	45.930	ng	99
50) Dimethylphthalate	9.522	163	657167	52.444	ng	100
51) 2,6-Dinitrotoluene	9.586	165	131851	53.311	ng	# 85
52) Acenaphthene	9.822	154	401583	38.430	ng	99
53) 3-Nitroaniline	9.757	138	77677	28.938	ng	94
54) 2,4-Dinitrophenol	9.875	184	94258	68.423	ng	90
55) Dibenzofuran	9.998	168	619004	41.218	ng	96
56) 4-Nitrophenol	9.957	139	113021	58.086	ng	86
57) 2,4-Dinitrotoluene	9.992	165	150591	45.625	ng	# 83
58) Fluorene	10.339	166	504382	43.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	110693	33.728	ng	93
60) Diethylphthalate	10.222	149	515833	40.957	ng	98
61) 4-Chlorophenyl-phenyle...	10.333	204	264420	43.772	ng	98
62) 4-Nitroaniline	10.380	138	97527	35.885	ng	89
63) Azobenzene	10.492	77	472976	38.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	77674	38.886	ng	86
66) n-Nitrosodiphenylamine	10.457	169	462823	44.488	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	168122	44.541	ng	98
68) Hexachlorobenzene	10.886	284	194401	46.375	ng	96
69) Atrazine	10.986	200	151769	45.365	ng	98
70) Pentachlorophenol	11.098	266	128698	61.505	ng	98
71) Phenanthrene	11.304	178	741818	43.696	ng	98
72) Anthracene	11.357	178	748242	44.529	ng	99
73) Carbazole	11.516	167	648427	41.547	ng	99
74) Di-n-butylphthalate	11.839	149	806533	42.444	ng	100
75) Fluoranthene	12.492	202	795822	44.845	ng	97
77) Benzidine	12.616	184	252803	48.169	ng	99
78) Pyrene	12.721	202	805819	41.139	ng	98
80) Butylbenzylphthalate	13.339	149	329122	40.011	ng	99
81) Benzo(a)anthracene	13.915	228	718941	43.809	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	181362	51.656	ng	97
83) Chrysene	13.951	228	661473	42.278	ng	98
84) Bis(2-ethylhexyl)phtha...	13.898	149	461328	43.139	ng	99
85) Di-n-octyl phthalate	14.515	149	729997	45.324	ng	97
87) Indeno(1,2,3-cd)pyrene	16.804	276	565980	50.019	ng	# 91
88) Benzo(b)fluoranthene	14.951	252	595897	49.675	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	526800	46.683	ng	# 96
90) Benzo(a)pyrene	15.310	252	500901	53.127	ng	# 95
91) Dibenzo(a,h)anthracene	16.809	278	502131	53.500	ng	# 94
92) Benzo(g,h,i)perylene	17.227	276	476497	51.225	ng	# 91

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

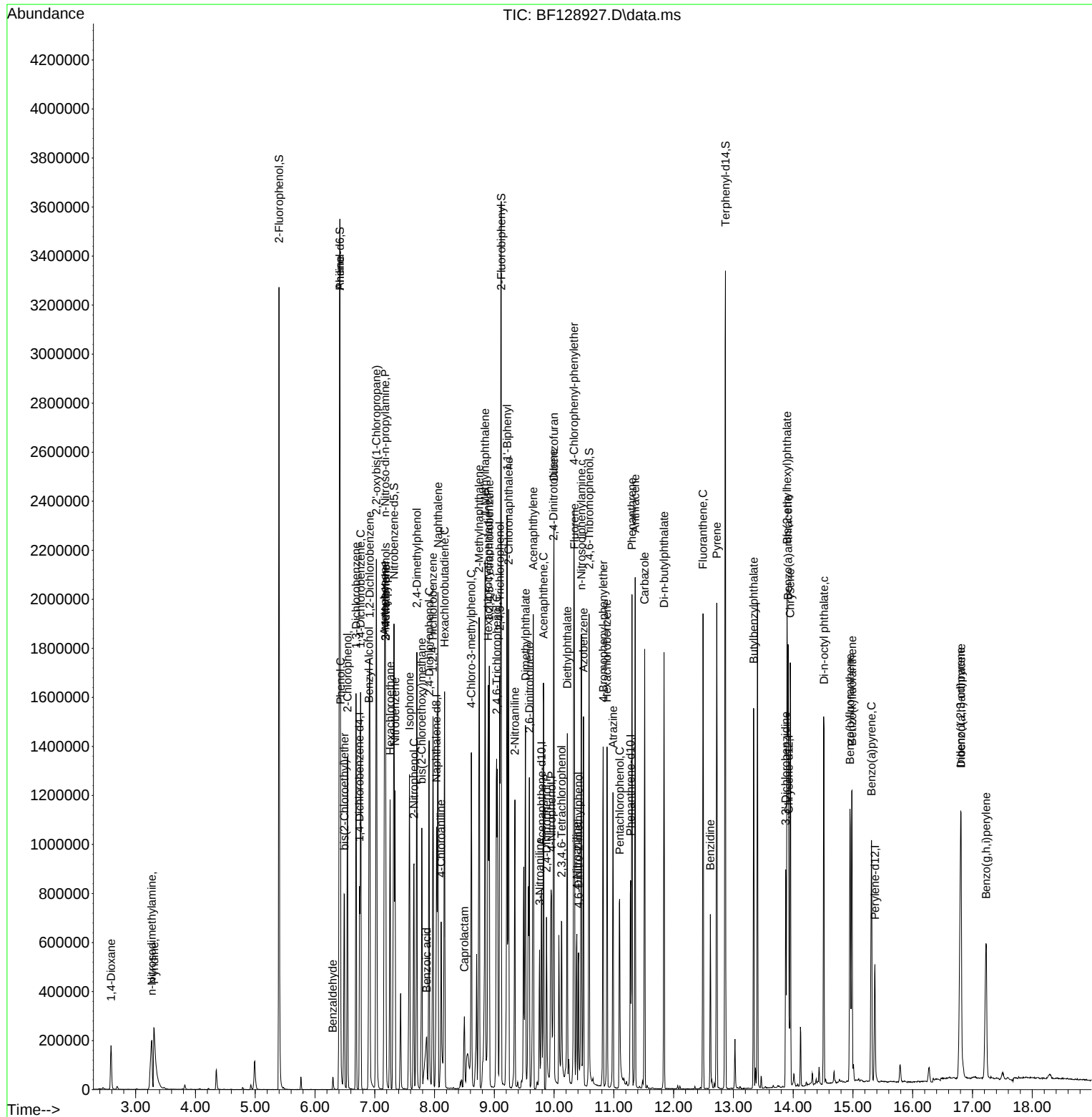
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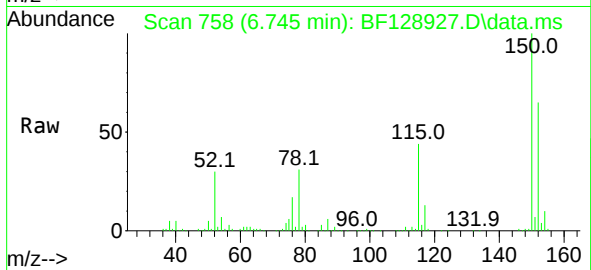
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

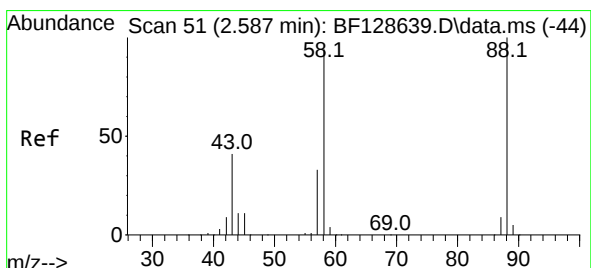
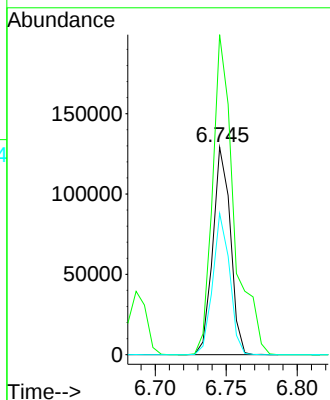
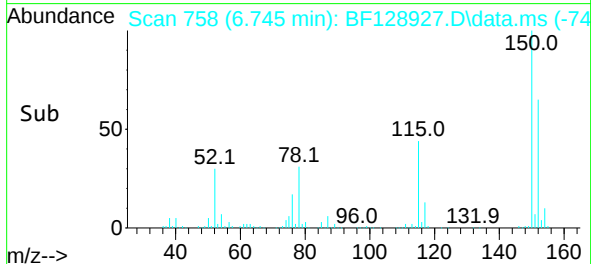
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:152 Resp: 110860
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 68.0 49.9 74.9

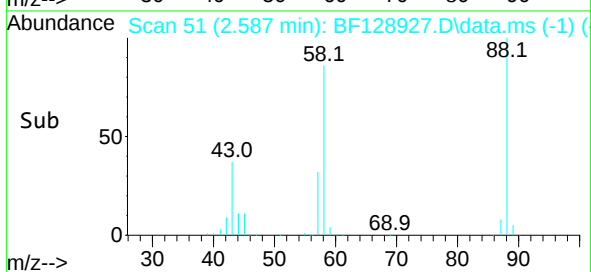
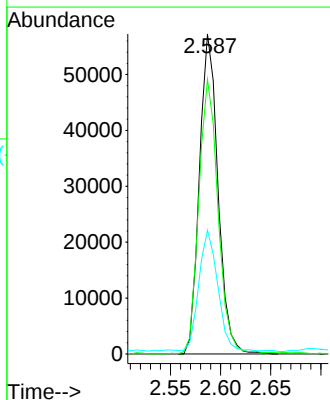
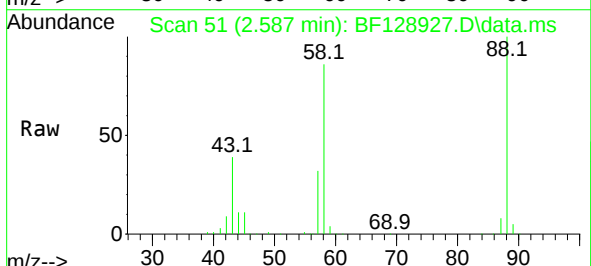
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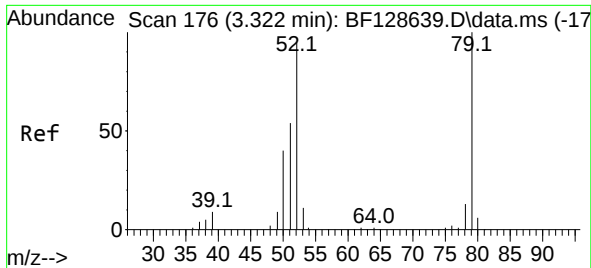
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#2
1,4-Dioxane
Concen: 28.586 ng
RT: 2.587 min Scan# 51
Delta R.T. 0.112 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

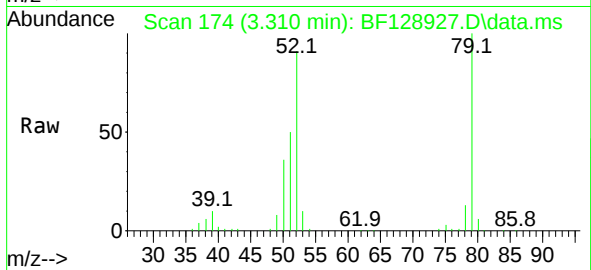
Tgt Ion: 88 Resp: 73862
Ion Ratio Lower Upper
88 100
58 89.3 71.8 107.8
43 38.2 26.6 39.8





#3
Pyridine
Concen: 29.314 ng
RT: 3.310 min Scan# 11
Delta R.T. 0.124 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

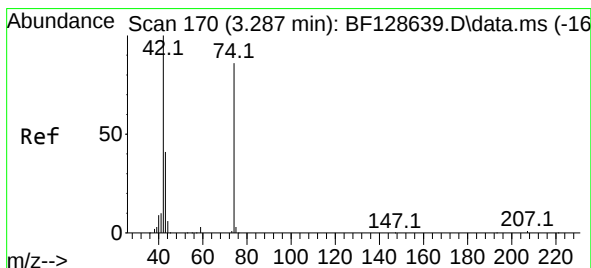
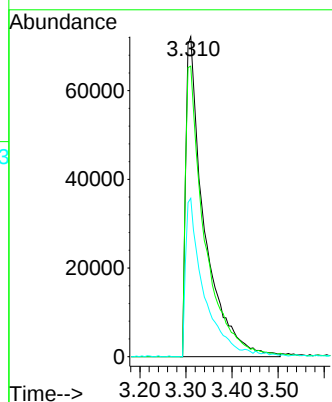
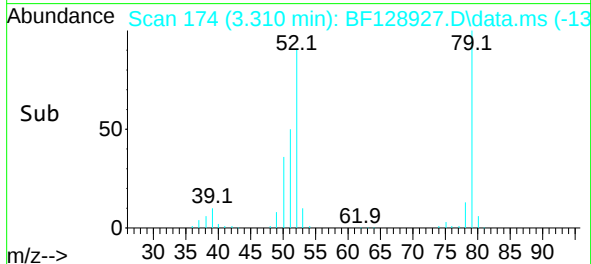
Instrument :
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ClientSampleId :
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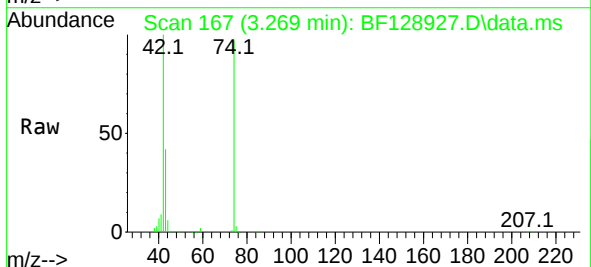
Tgt Ion: 79 Resp: 201209
Ion Ratio Lower Upper
79 100
52 90.8 68.6 102.8
51 49.5 32.9 49.3

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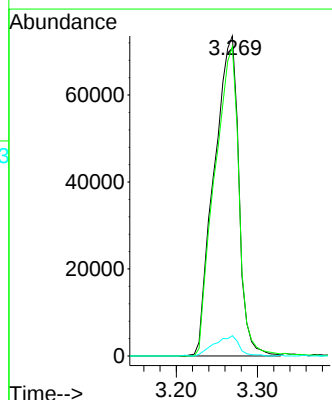
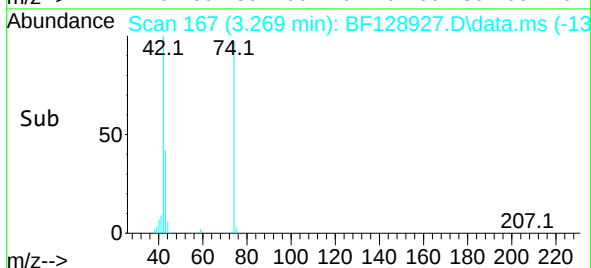
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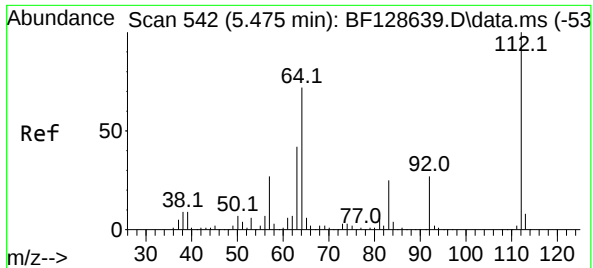


#4
n-Nitrosodimethylamine
Concen: 32.613 ng
RT: 3.269 min Scan# 167
Delta R.T. 0.100 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion: 42 Resp: 155232
Ion Ratio Lower Upper
42 100
74 96.7 94.8 142.2
44 6.3 6.6 10.0





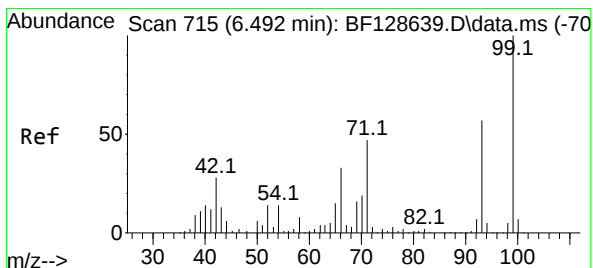
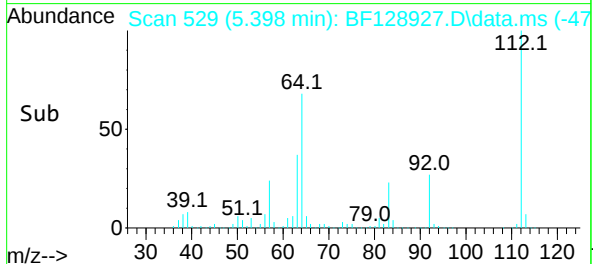
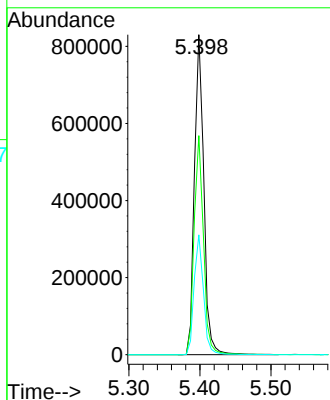
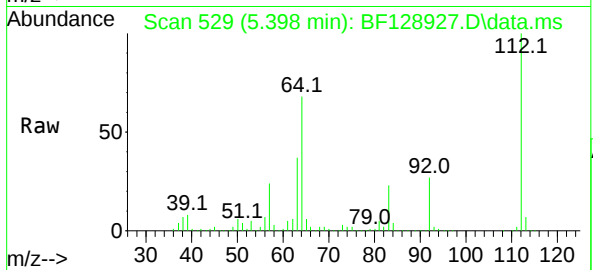
#5
2-Fluorophenol
Concen: 110.010 ng
RT: 5.398 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 76566
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 37.5 28.0 42.0

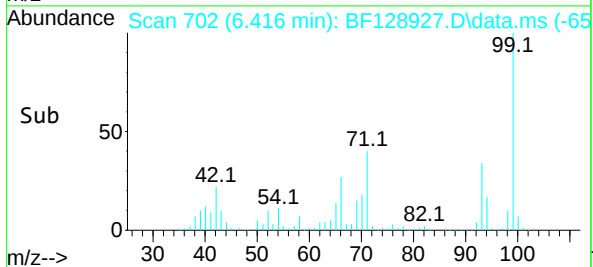
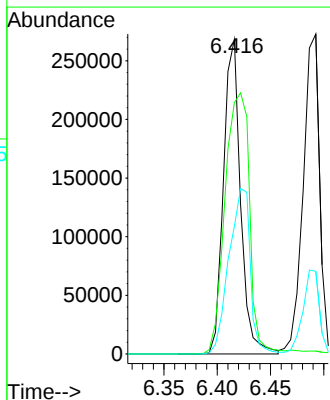
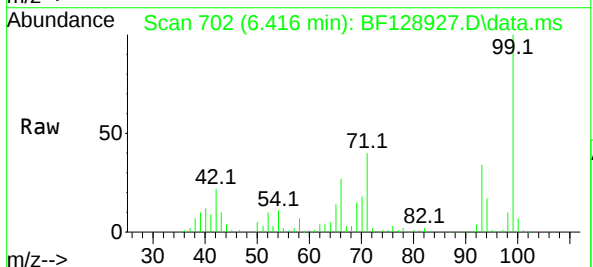
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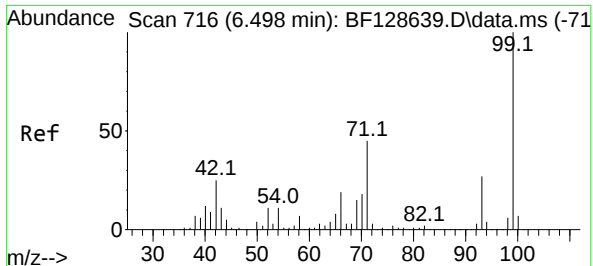
Reviewed By :Christian Giraldo 06/23/2022
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#6
Aniline
Concen: 32.586 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF128927.D
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Tgt Ion: 93 Resp: 298570
Ion Ratio Lower Upper
93 100
66 79.9 32.5 48.7#
65 40.6 16.4 24.6#





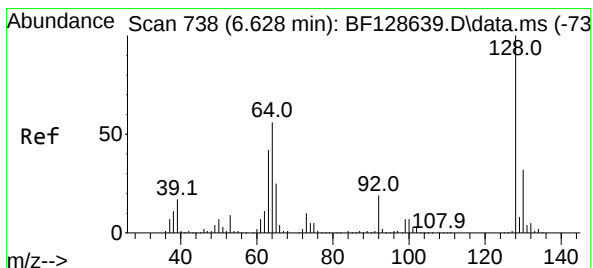
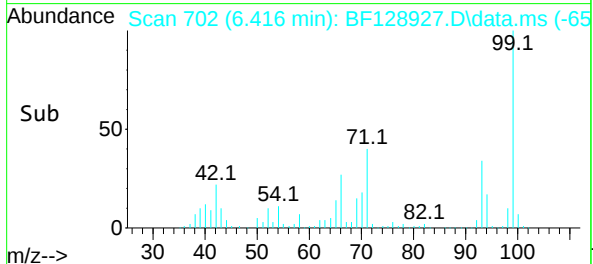
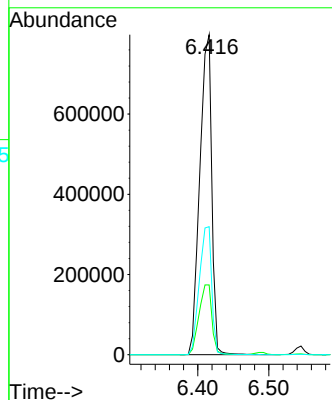
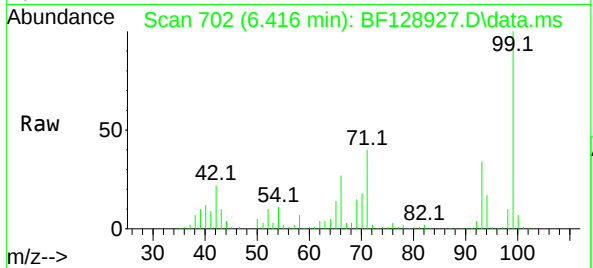
#7
Phenol-d6
Concen: 110.025 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 934748
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 40.0 28.9 43.3

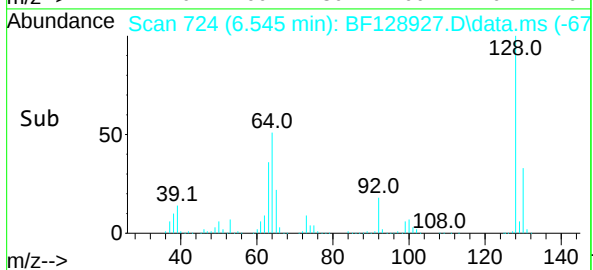
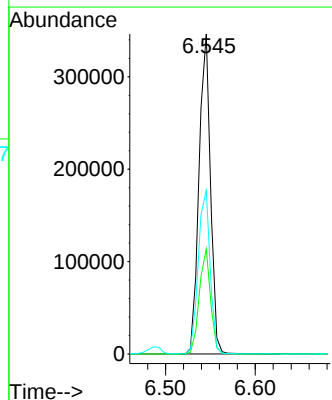
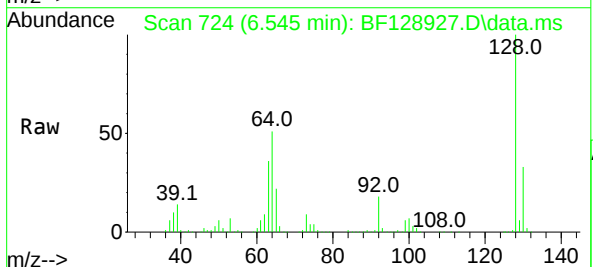
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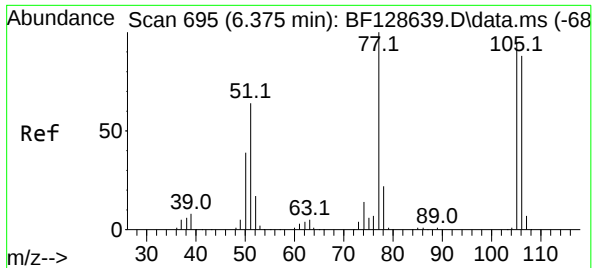
Reviewed By :Christian Giraldo 06/23/2022
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#8
2-Chlorophenol
Concen: 43.168 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

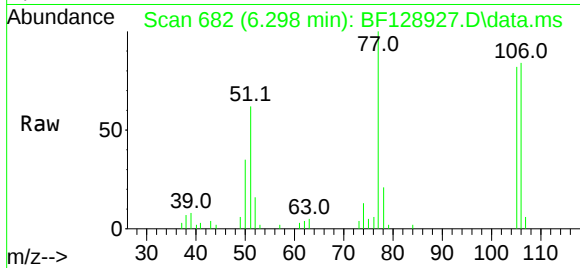
Tgt Ion:128 Resp: 307432
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 51.1 30.9 70.9





#9
Benzaldehyde
Concen: 2.058 ng
RT: 6.298 min Scan# 61
Delta R.T. -0.012 min
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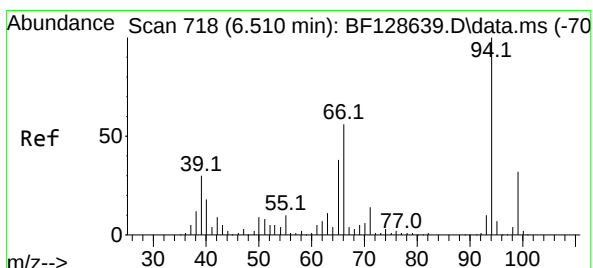
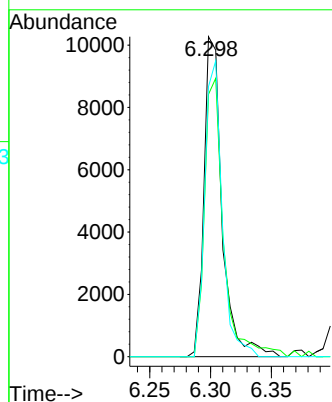
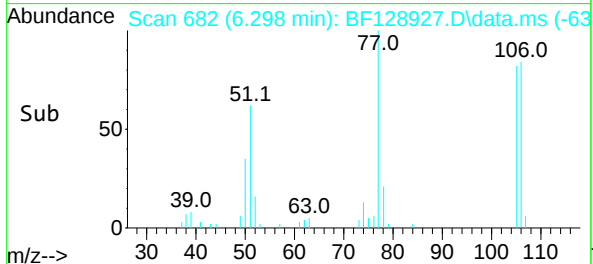
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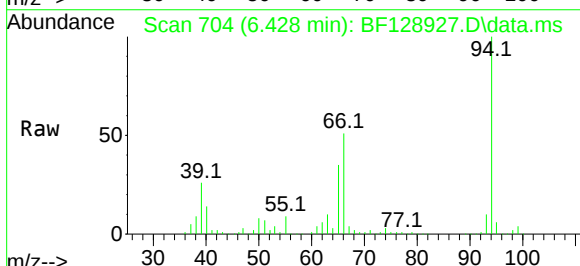
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Ion Ratio Lower Upper
77 100
105 82.0 81.6 121.6
106 84.5 76.1 116.1

Manual Integrations
APPROVED

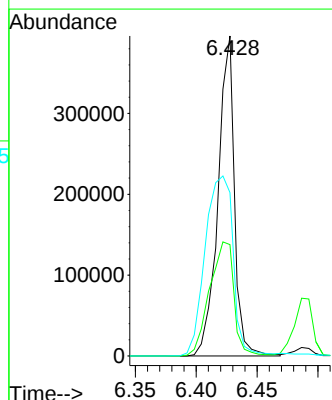
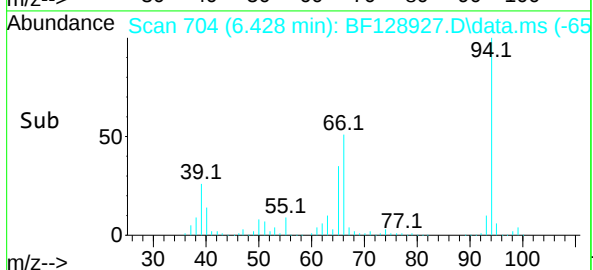
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#10
Phenol
Concen: 41.648 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion: 94 Resp: 374020
Ion Ratio Lower Upper
94 100
65 34.8 11.4 51.4
66 51.1 21.4 61.4





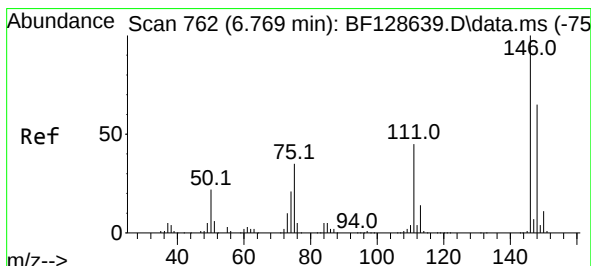
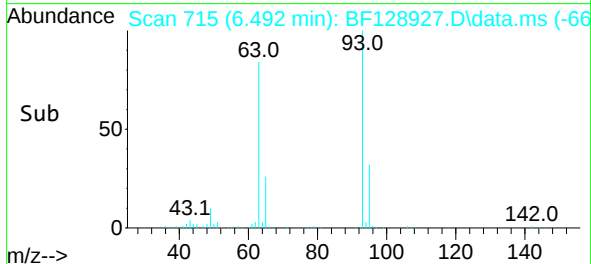
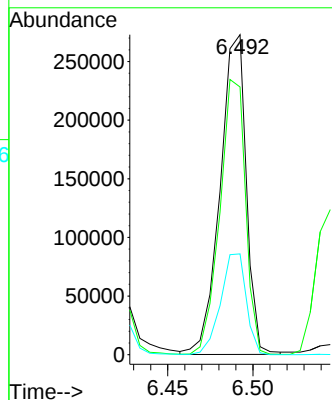
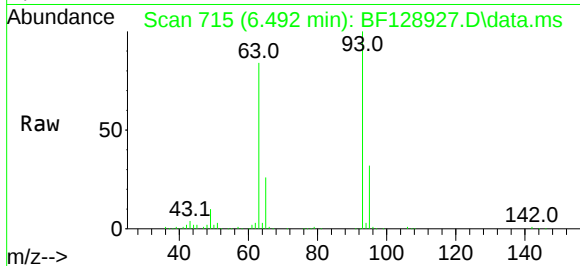
#11
bis(2-Chloroethyl)ether
Concen: 44.341 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB145629BS

Tgt Ion: 93 Resp: 29179
Ion Ratio Lower Upper
93 100
63 83.6 67.4 107.4
95 31.5 12.7 52.7

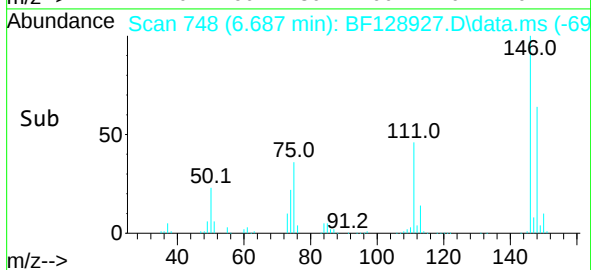
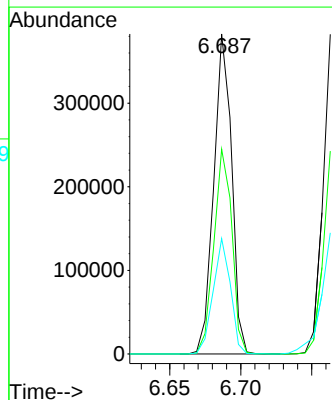
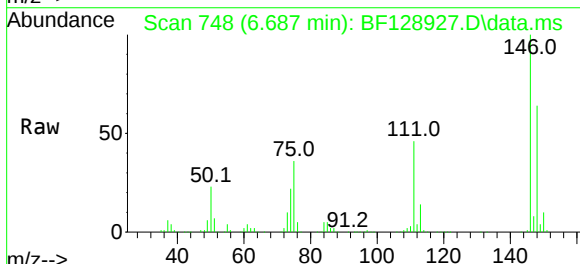
Manual Integrations
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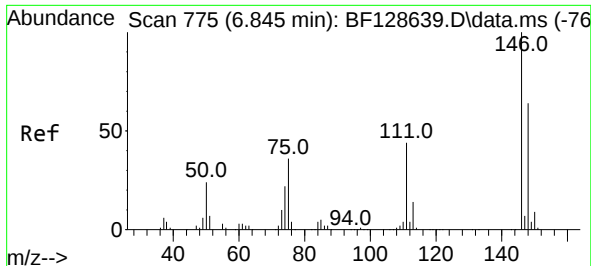
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#12
1,3-Dichlorobenzene
Concen: 40.767 ng
RT: 6.687 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:146 Resp: 335638
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 36.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 41.743 ng

RT: 6.763 min Scan# 70

Delta R.T. -0.012 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:146 Resp: 347092

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

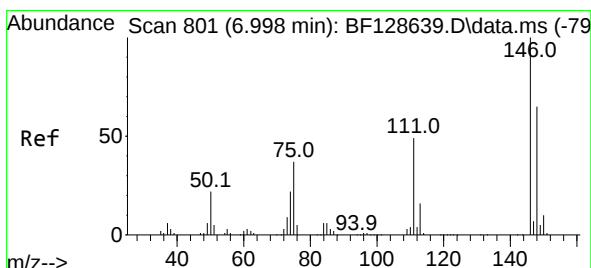
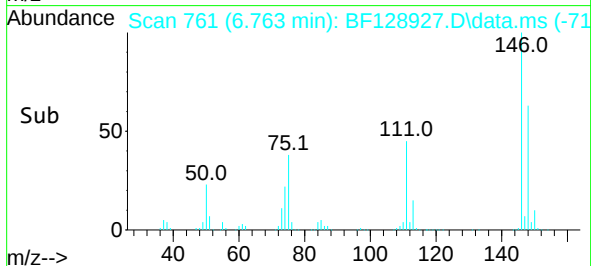
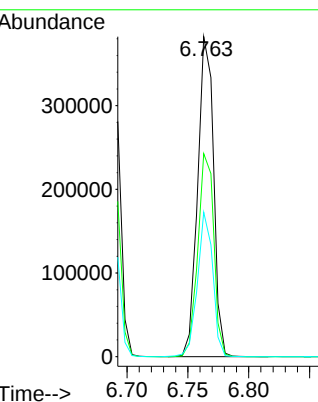
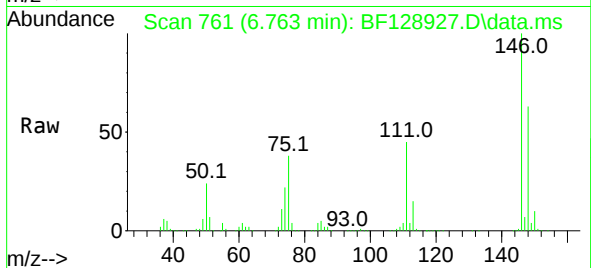
111 45.2 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#14

1,2-Dichlorobenzene

Concen: 41.771 ng

RT: 6.916 min Scan# 787

Delta R.T. -0.012 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

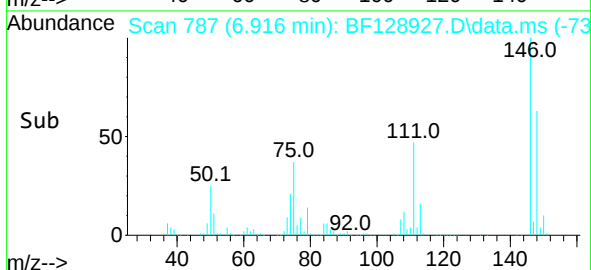
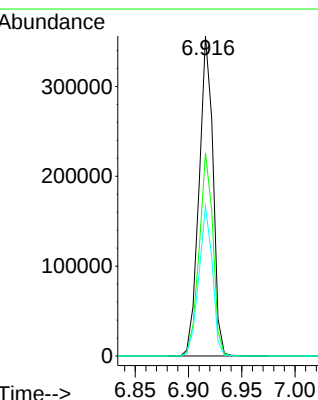
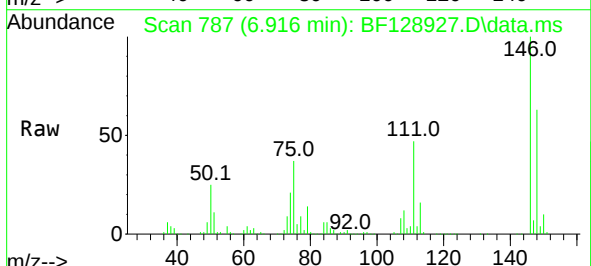
Tgt Ion:146 Resp: 324904

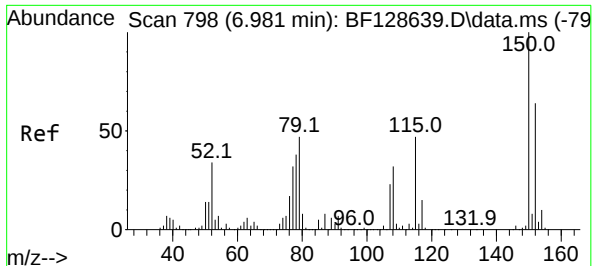
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

111 46.7 35.1 52.7





#15

Benzyl Alcohol

Concen: 40.248 ng

RT: 6.904 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128927.D

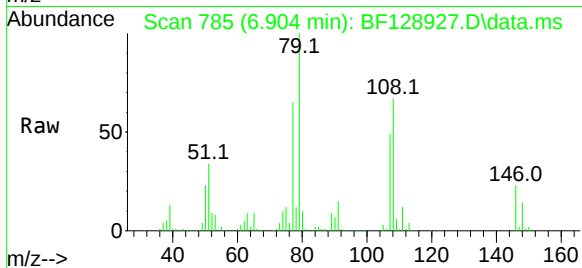
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

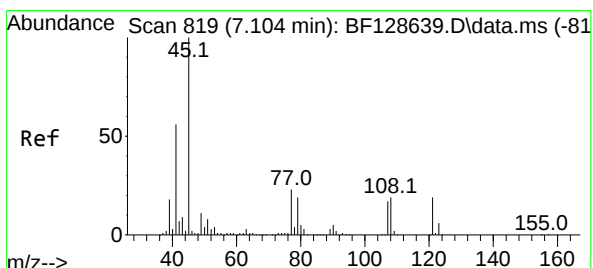
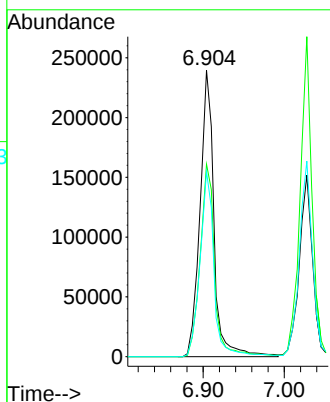
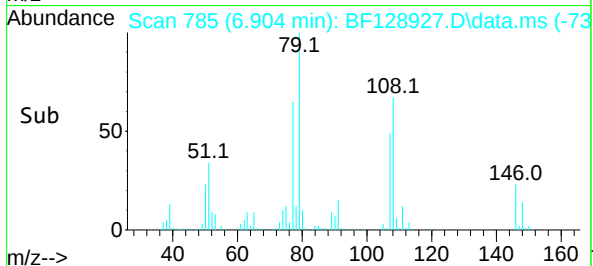


Tgt Ion: 79 Resp: 28609

Ion	Ratio	Lower	Upper
79	100		
108	67.2	61.8	92.6
77	64.6	50.2	75.4

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Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.813 ng

RT: 7.028 min Scan# 806

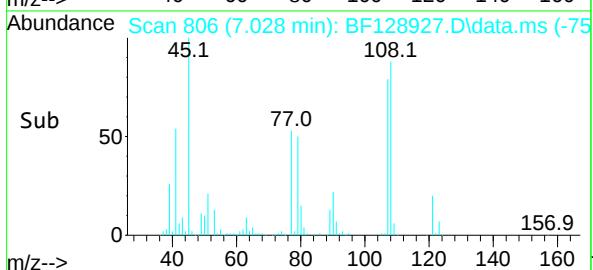
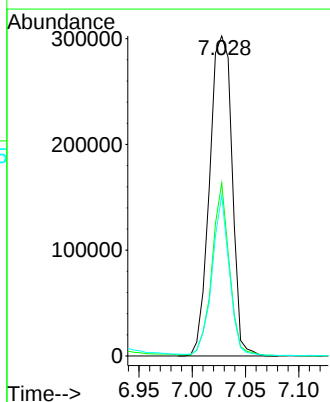
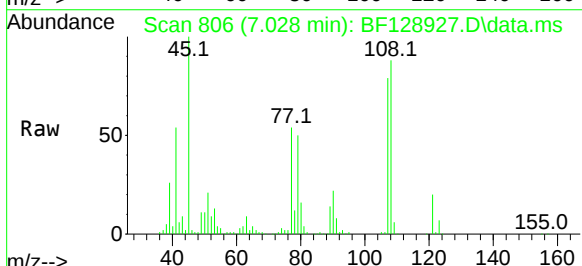
Delta R.T. -0.012 min

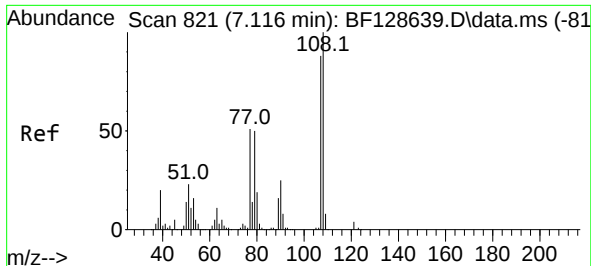
Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Tgt Ion: 45 Resp: 442512

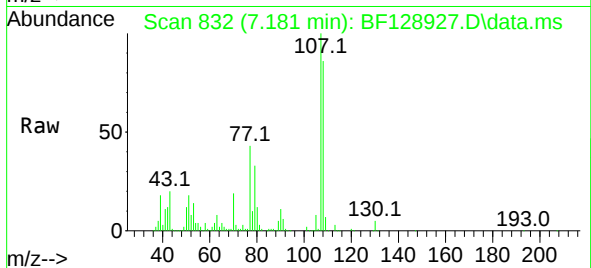
Ion	Ratio	Lower	Upper
45	100		
77	54.0	0.0	31.3#
79	50.2	0.0	28.3#





#17
2-Methylphenol
Concen: 56.954 ng
RT: 7.181 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

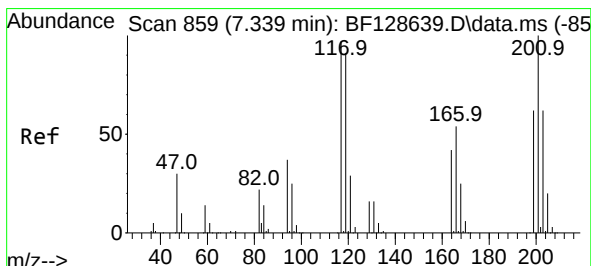
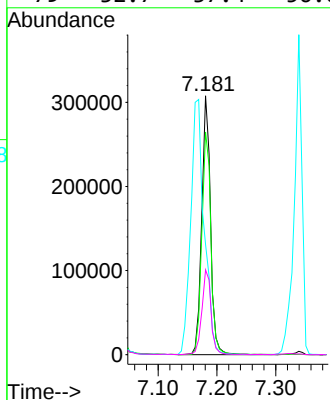
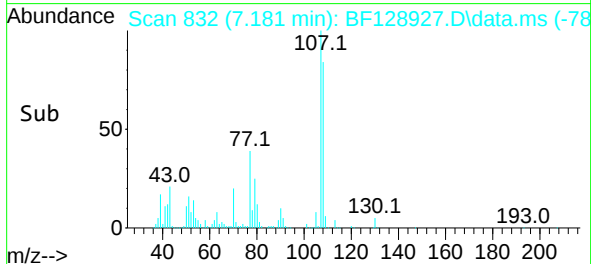
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:	107	Resp:	32056
Ion Ratio	Lower	Upper	
107	100		
108	86.0	91.9	137.9
77	42.6	37.8	56.8
79	32.7	37.4	56.0

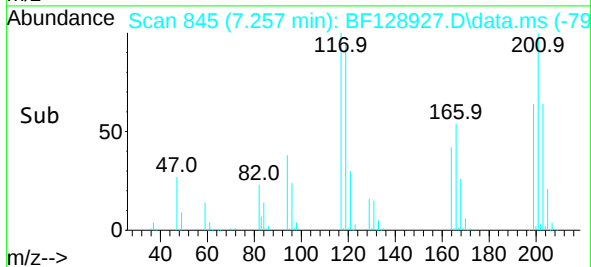
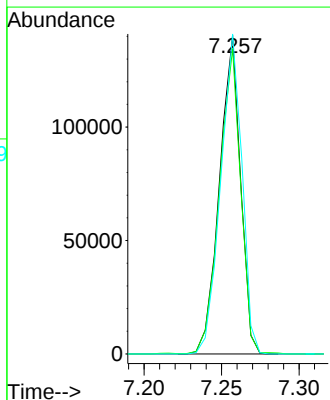
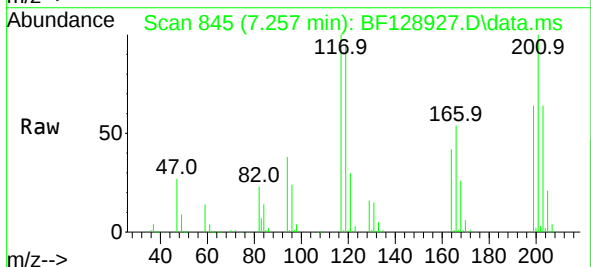
Manual Integrations
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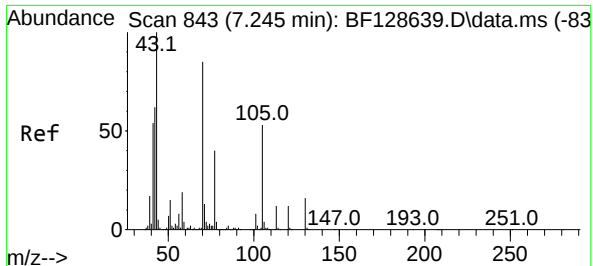
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#18
Hexachloroethane
Concen: 42.724 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

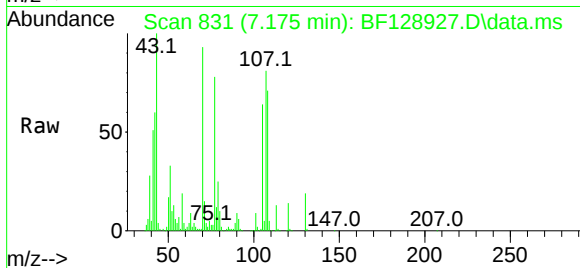
Tgt Ion:	117	Resp:	132168
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.4	116.2
201	100.4	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.368 ng
RT: 7.175 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

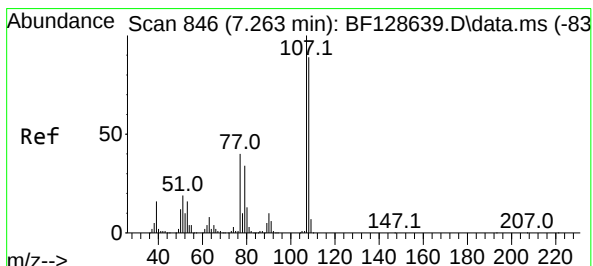
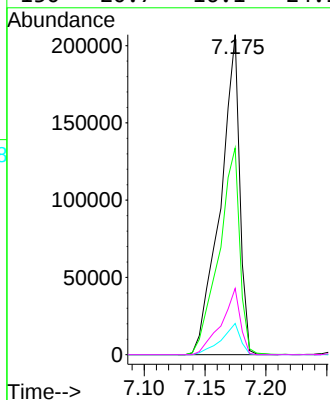
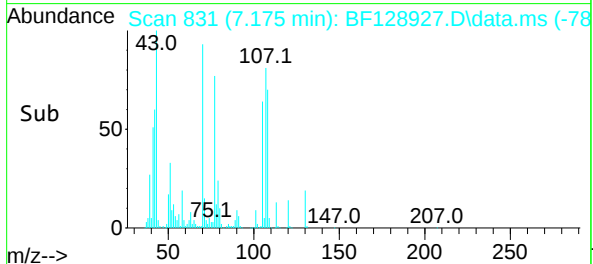
Instrument :
BNA_F
ClientSampleId :
PB145629BS



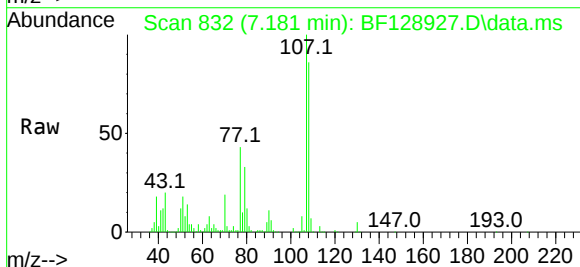
Tgt Ion: 70 Resp: 229080
Ion Ratio Lower Upper
70 100
42 64.6 52.3 78.5
101 9.8 7.5 11.3
130 20.7 16.1 24.1

Manual Integrations
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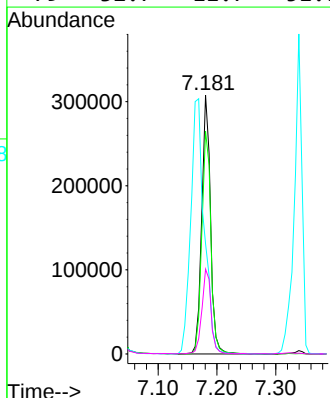
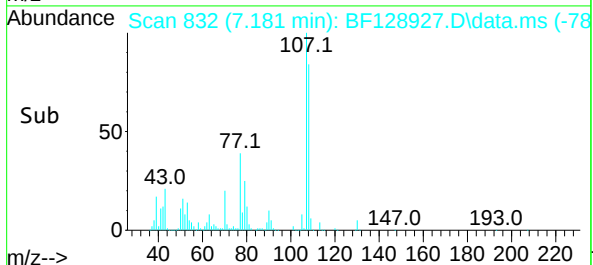
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

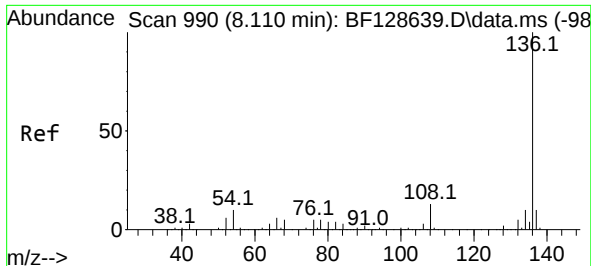


#20
3+4-Methylphenols
Concen: 42.660 ng
RT: 7.181 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion:107 Resp: 320568
Ion Ratio Lower Upper
107 100
108 86.0 71.8 111.8
77 42.6 59.3 99.3#
79 32.7 11.7 51.7





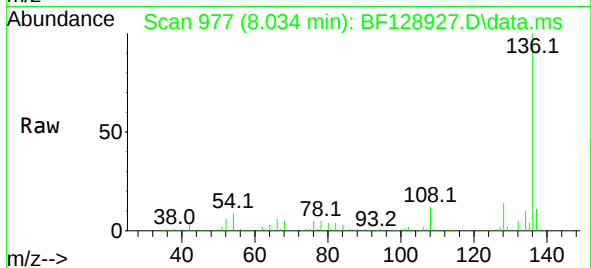
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

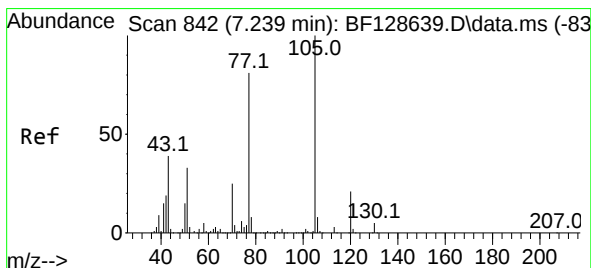
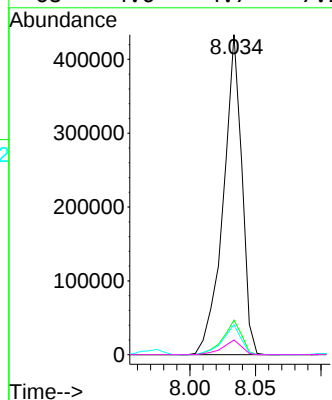


Tgt Ion:136 Resp: 425578
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.4 7.5 11.3
68 4.6 4.7 7.1#

Manual Integrations

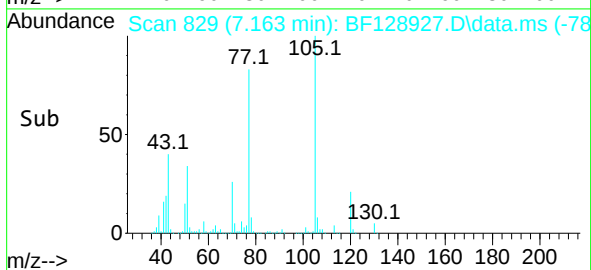
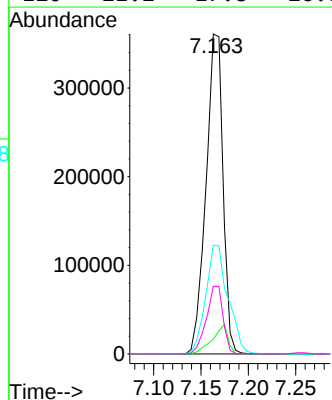
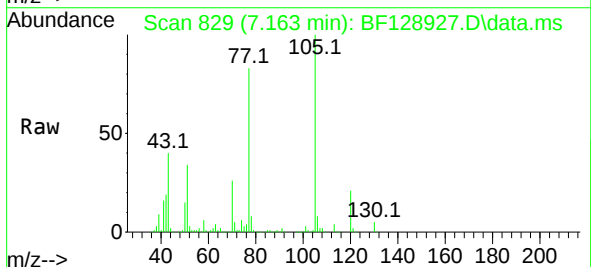
APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#22
Acetophenone
Concen: 40.554 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:105 Resp: 451395
Ion Ratio Lower Upper
105 100
71 4.5 5.0 7.4#
51 34.0 25.0 37.4
120 21.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 73.926 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

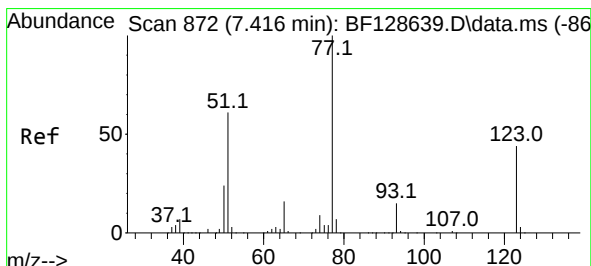
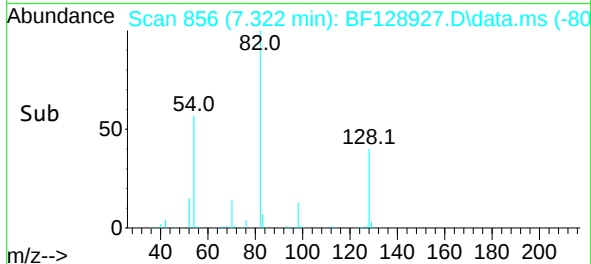
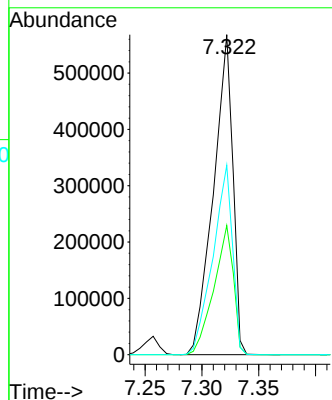
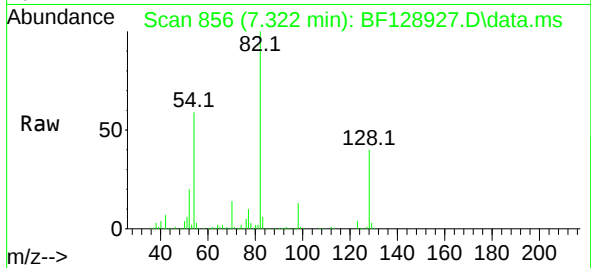
ClientSampleId :

PB145629BS

Tgt Ion: 82 Resp: 675734
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 59.2 46.9 70.3

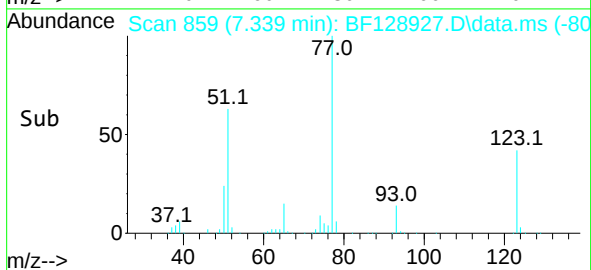
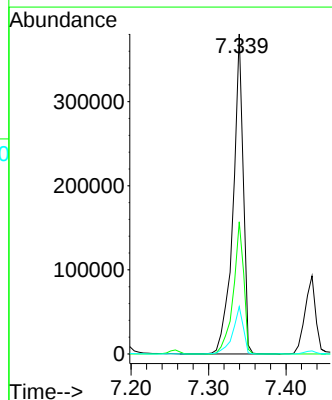
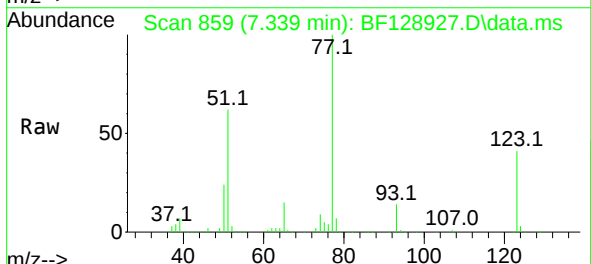
Manual Integrations
APPROVED

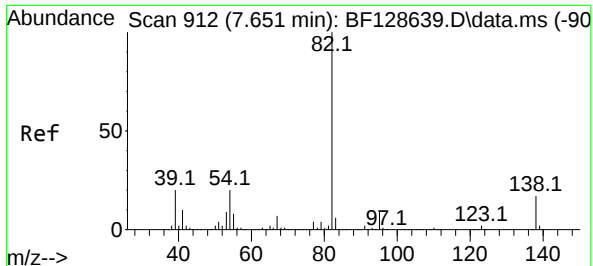
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#24
Nitrobenzene
Concen: 41.433 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion: 77 Resp: 347694
Ion Ratio Lower Upper
77 100
123 41.3 35.4 53.2
65 14.8 11.8 17.8





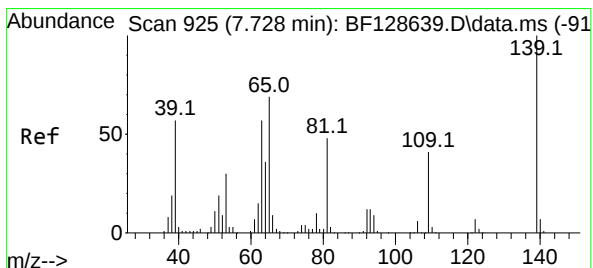
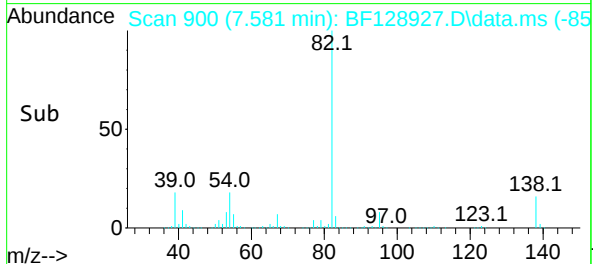
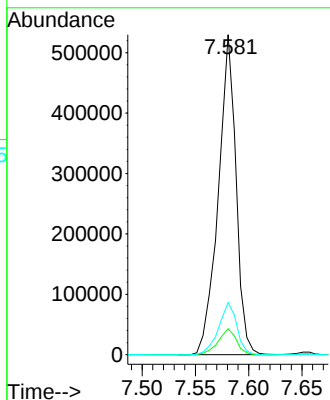
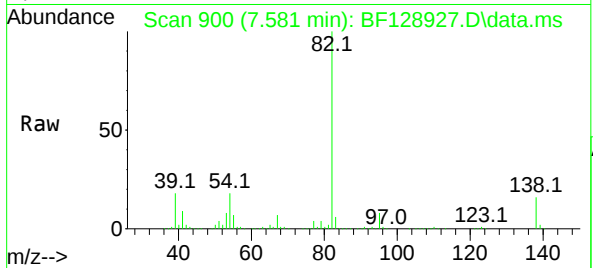
#25
Isophorone
Concen: 44.160 ng
RT: 7.581 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB145629BS

Tgt Ion: 82 Resp: 61306
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.3 14.2 21.2

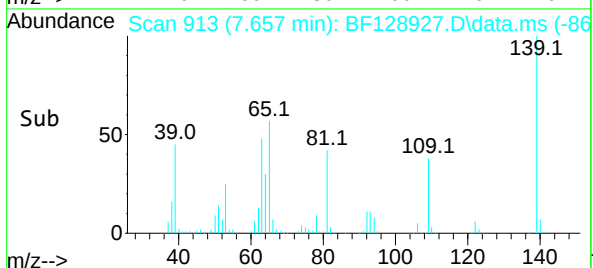
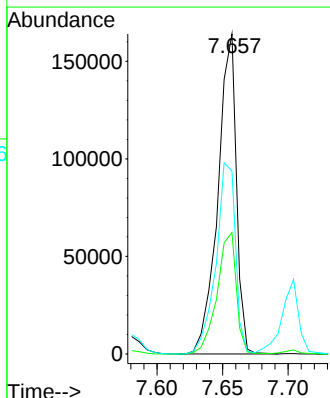
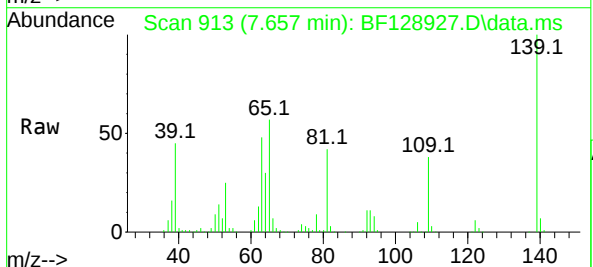
Manual Integrations
APPROVED

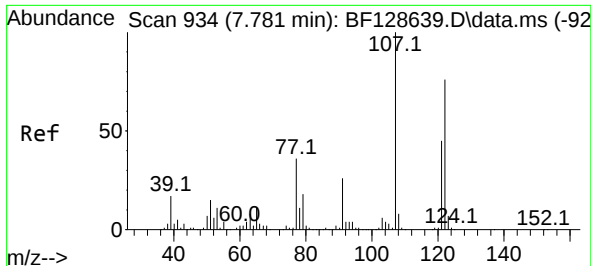
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#26
2-Nitrophenol
Concen: 43.561 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:139 Resp: 161062
Ion Ratio Lower Upper
139 100
109 38.0 25.0 37.4#
65 57.1 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.065 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128927.D

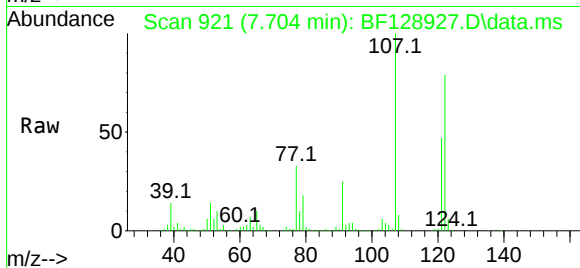
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

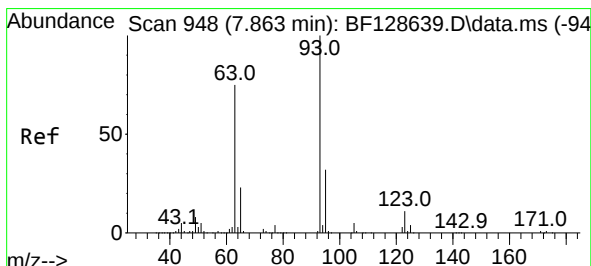
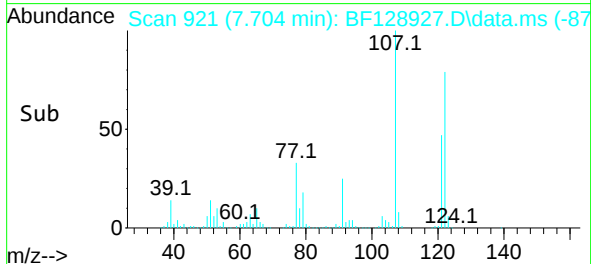
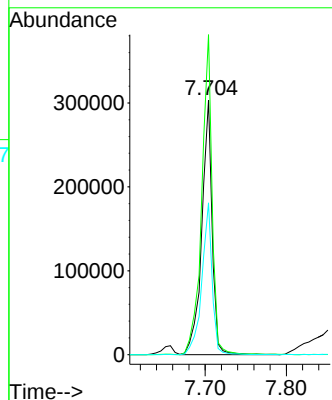


Tgt Ion:	122	Resp:	270715
Ion	Ratio	Lower	Upper
122	100		
107	125.8	93.0	139.6
121	59.7	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.339 ng

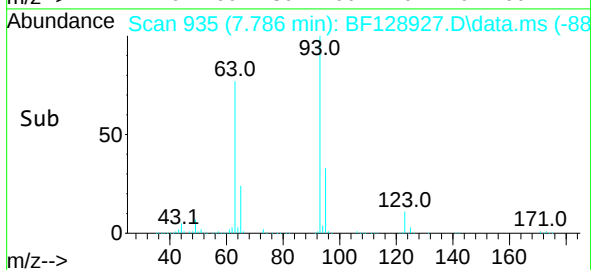
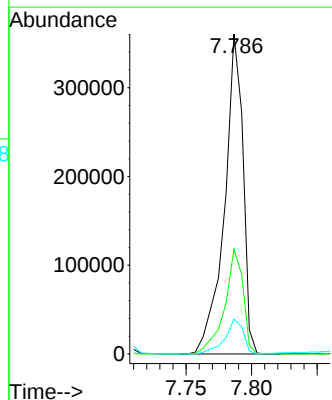
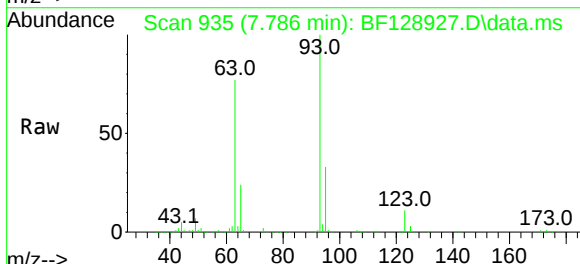
RT: 7.786 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Tgt Ion:	93	Resp:	354018
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.8	40.2
123	10.9	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 40.556 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128927.D

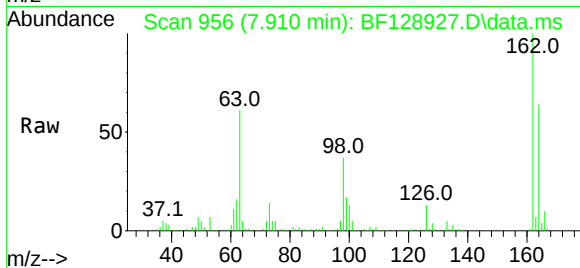
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS



Tgt Ion:162 Resp: 264368

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

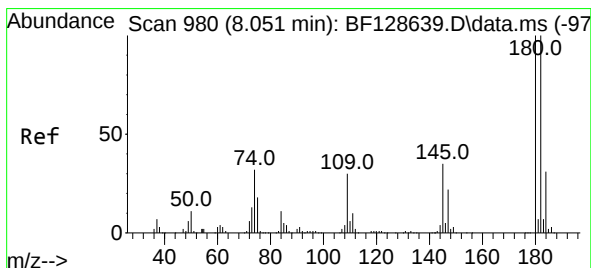
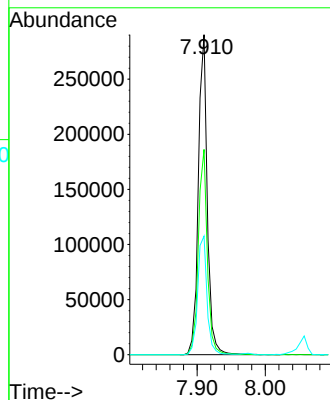
98 37.0 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.849 ng

RT: 7.975 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

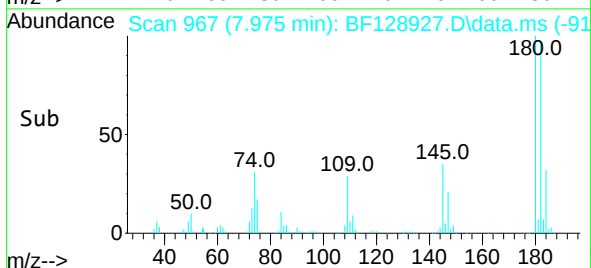
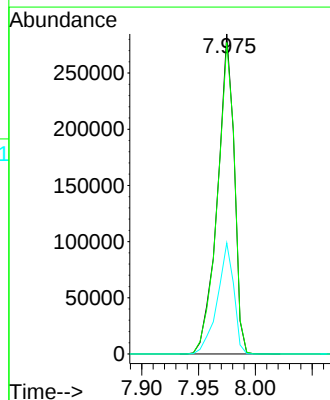
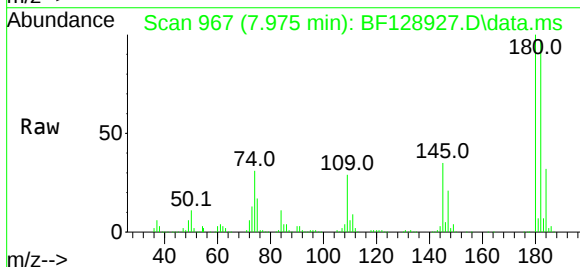
Tgt Ion:180 Resp: 292487

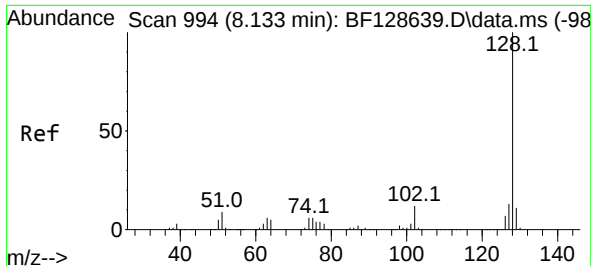
Ion Ratio Lower Upper

180 100

182 97.3 79.2 118.8

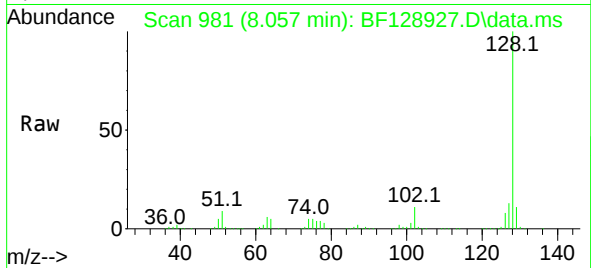
145 34.7 26.2 39.2





#31
Naphthalene
Concen: 40.554 ng
RT: 8.057 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

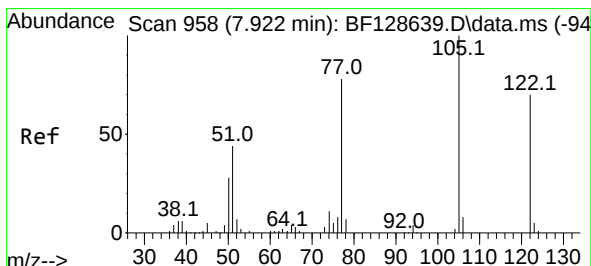
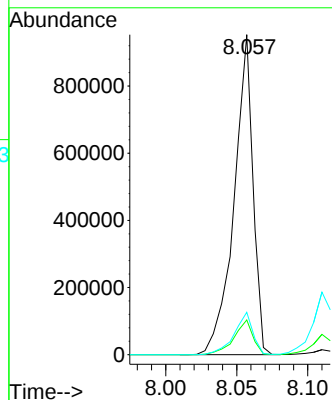
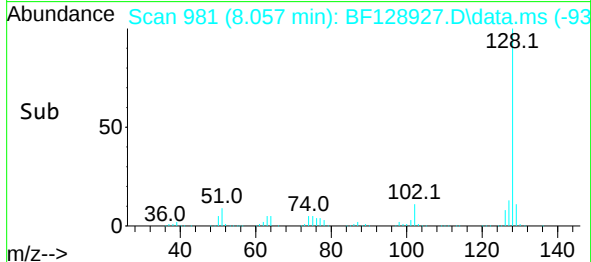
Instrument :
BNA_F
ClientSampleId :
PB145629BS



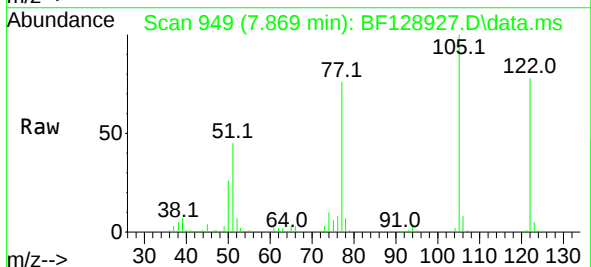
Tgt Ion:128 Resp: 88574
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations
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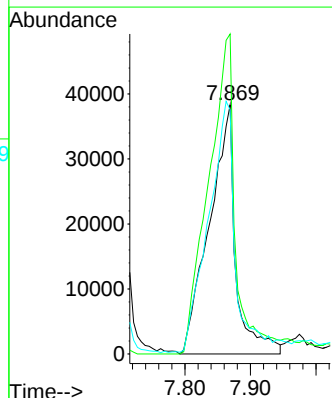
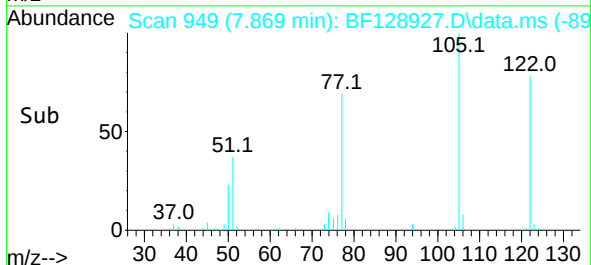
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

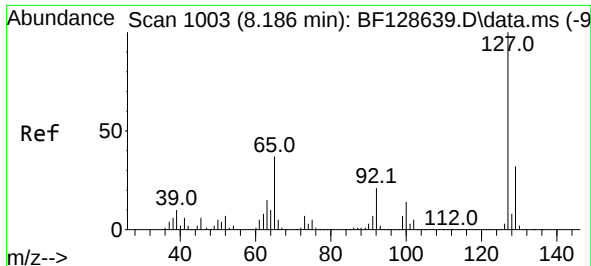


#32
Benzoic acid
Concen: 26.547 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion:122 Resp: 106079
Ion Ratio Lower Upper
122 100
105 128.4 107.1 147.1
77 98.0 74.2 114.2





#33

4-Chloroaniline

Concen: 30.029 ng

RT: 8.110 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:127 Resp: 24727

Ion Ratio Lower Upper

127 100

129 32.6 26.4 39.6

65 36.4 26.4 39.6

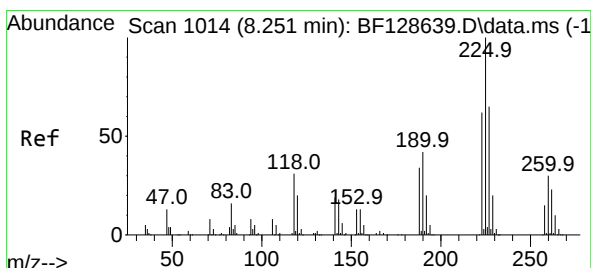
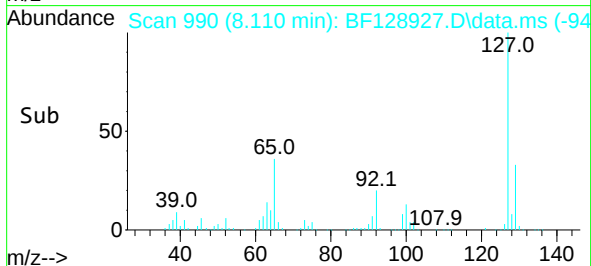
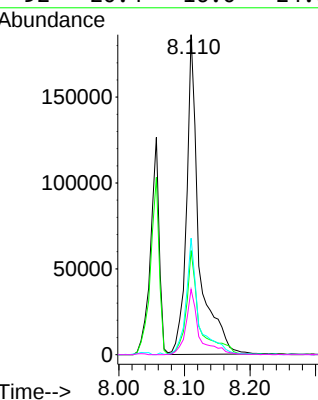
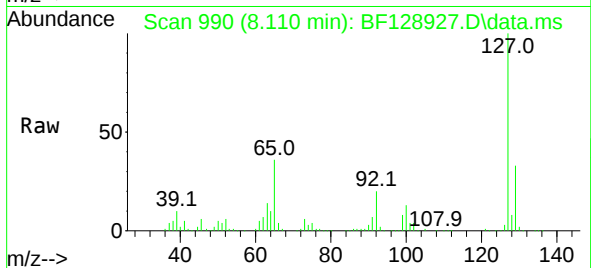
92 20.4 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#34

Hexachlorobutadiene

Concen: 39.051 ng

RT: 8.169 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

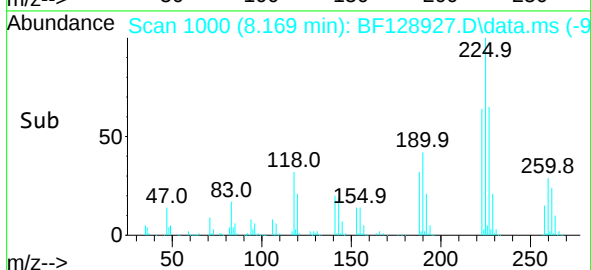
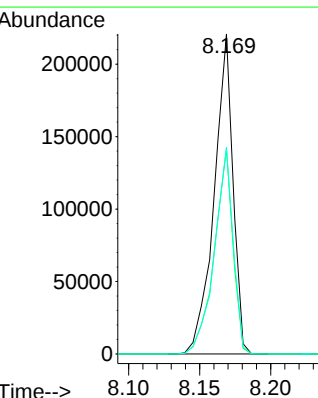
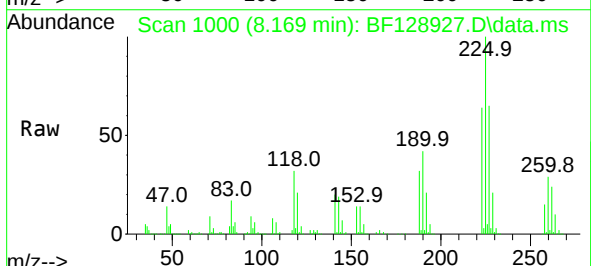
Tgt Ion:225 Resp: 203278

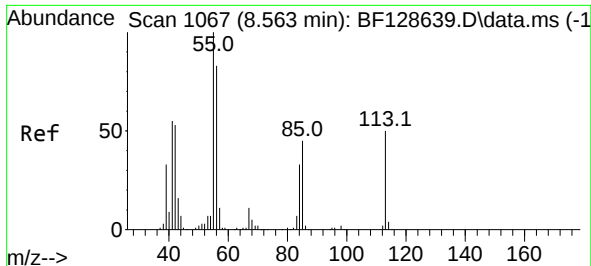
Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

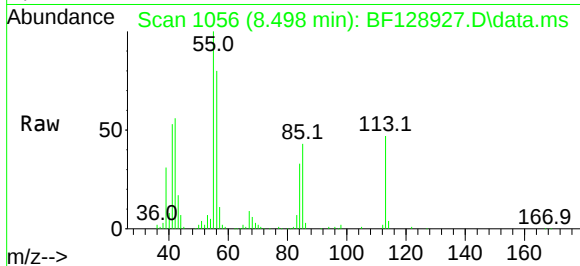
227 64.6 51.1 76.7





#35
Caprolactam
Concen: 41.635 ng m
RT: 8.498 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

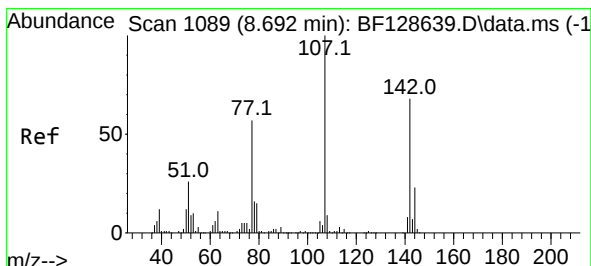
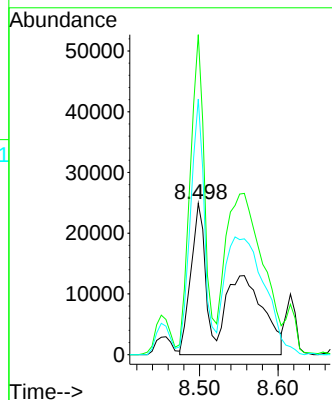
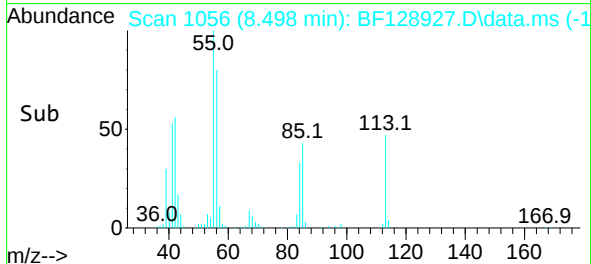
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:113 Resp: 7505
Ion Ratio Lower Upper
113 100
55 211.4 188.5 228.5
56 168.9 130.6 170.6

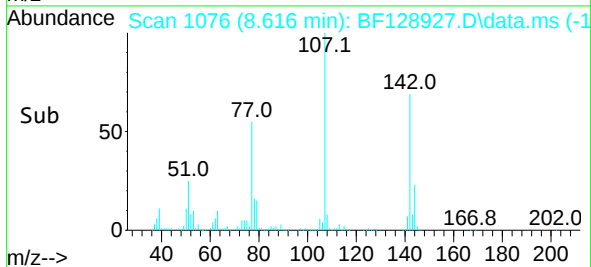
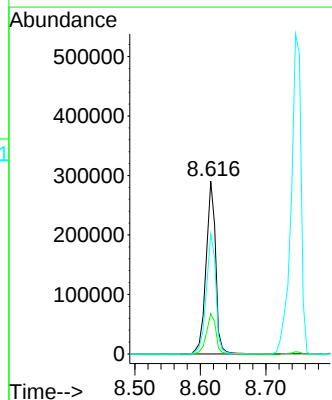
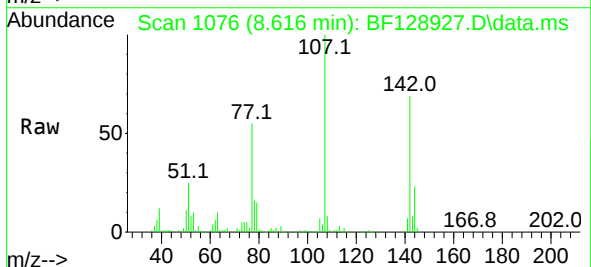
Manual Integrations
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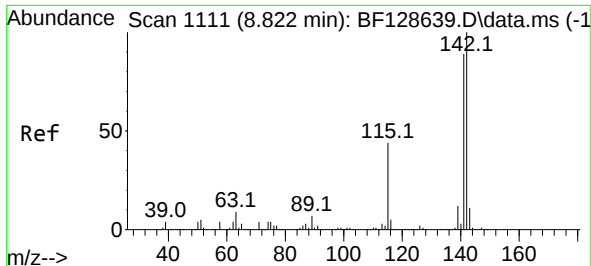
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#36
4-Chloro-3-methylphenol
Concen: 41.590 ng
RT: 8.616 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:107 Resp: 295878
Ion Ratio Lower Upper
107 100
144 23.4 19.5 29.3
142 69.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 40.915 ng

RT: 8.745 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:142 Resp: 568390

Ion Ratio Lower Upper

142 100

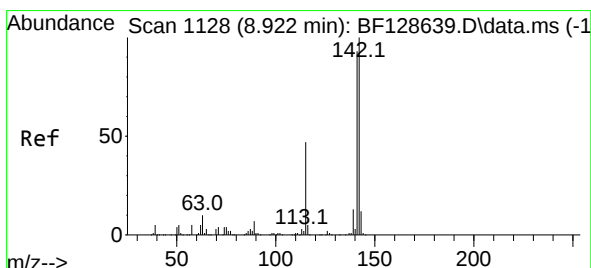
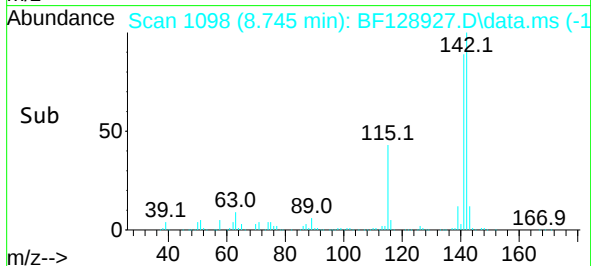
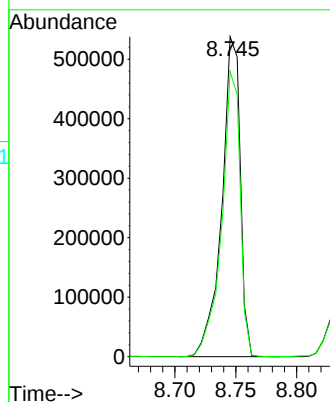
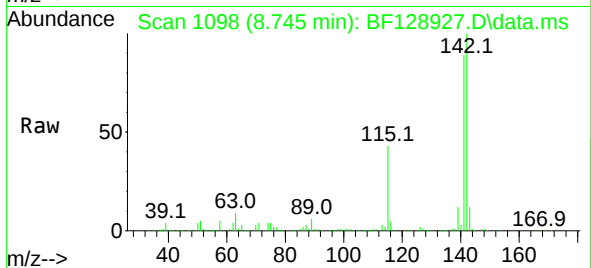
141 89.1 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#38

1-Methylnaphthalene

Concen: 40.205 ng

RT: 8.845 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF128927.D

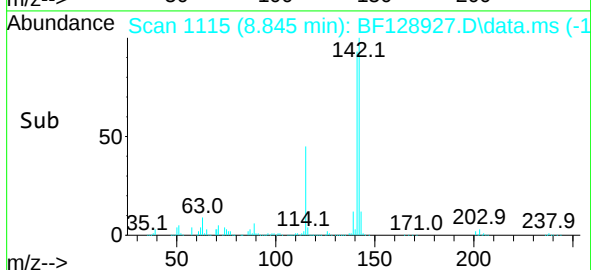
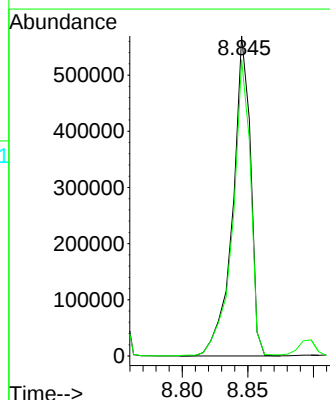
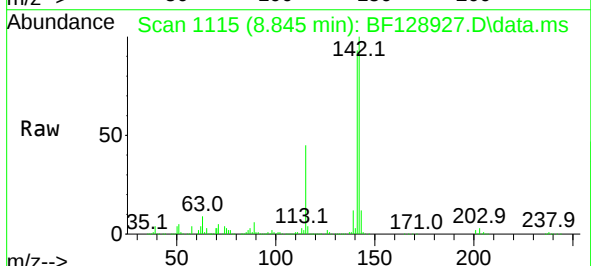
Acq: 22 Jun 2022 12:51

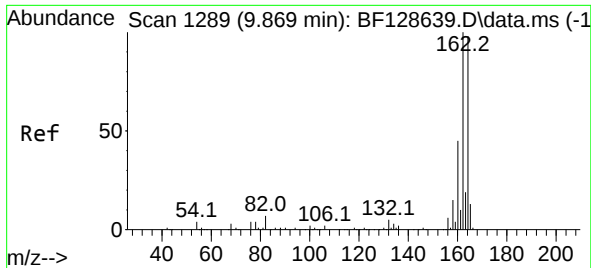
Tgt Ion:142 Resp: 539630

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4





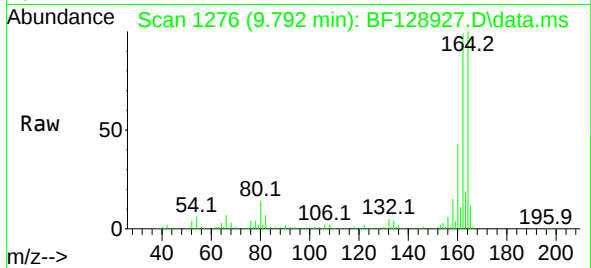
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

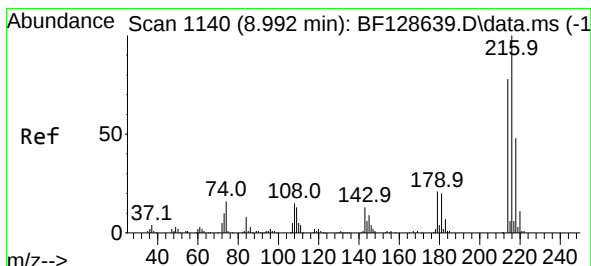
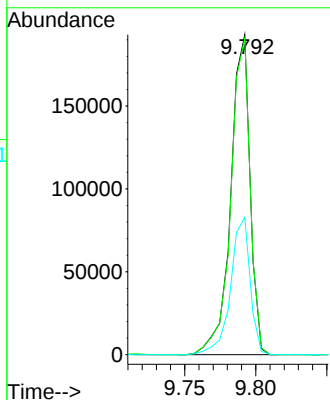
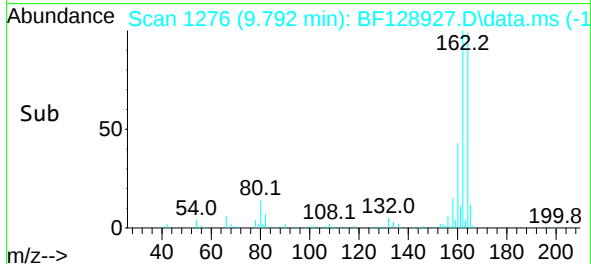
PB145629BS



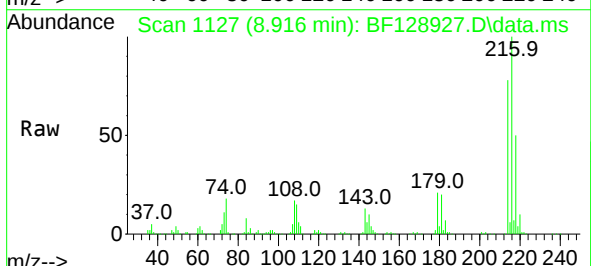
Tgt Ion:164 Resp: 18307
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 42.9 34.2 51.4

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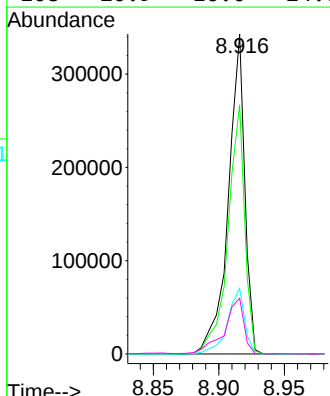
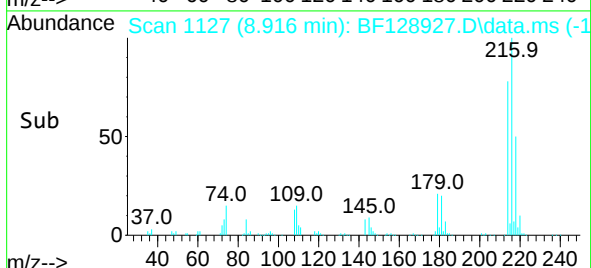
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.822 ng
RT: 8.916 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



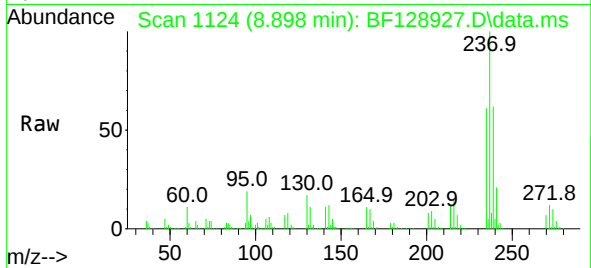
Tgt Ion:216 Resp: 300330
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 21.2 17.0 25.6
108 20.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 65.294 ng
RT: 8.898 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

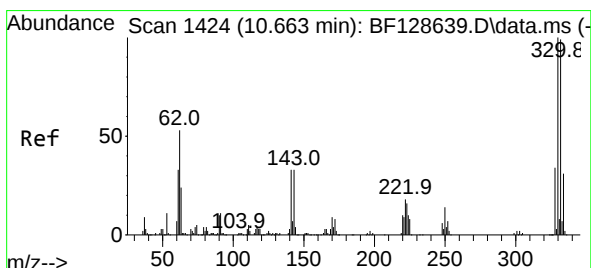
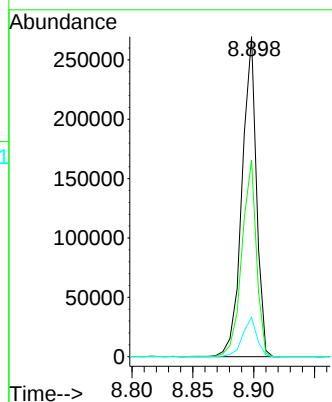
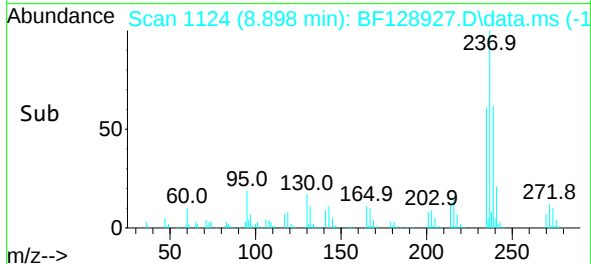
Instrument :
BNA_F
ClientSampleId :
PB145629BS



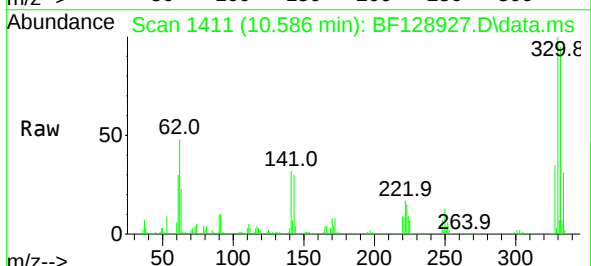
Tgt Ion: 237 Resp: 223154
Ion Ratio Lower Upper
237 100
235 61.4 43.2 83.2
272 12.3 0.0 31.9

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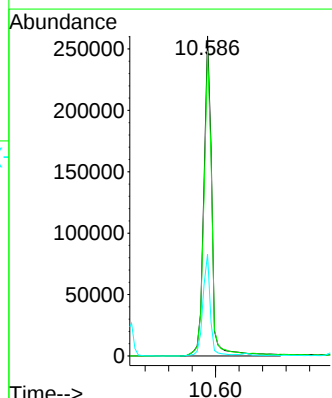
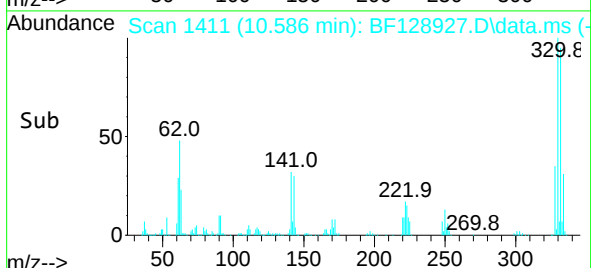
Reviewed By : Christian Giraldo 06/23/2022
Supervised By : Jagrut Upadhyay 06/23/2022

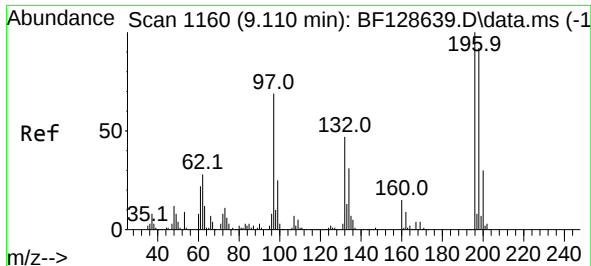


#42
2,4,6-Tribromophenol
Concen: 113.162 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



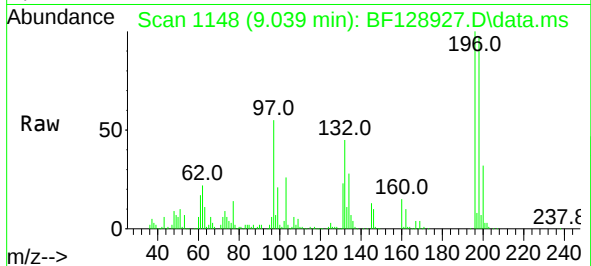
Tgt Ion: 330 Resp: 244781
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 29.7 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 45.107 ng
RT: 9.039 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

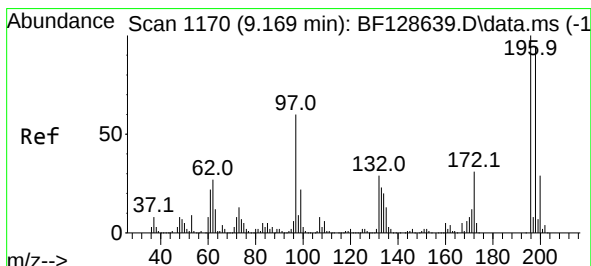
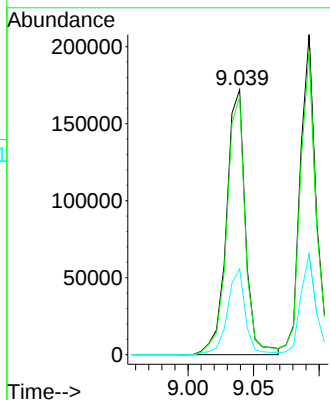
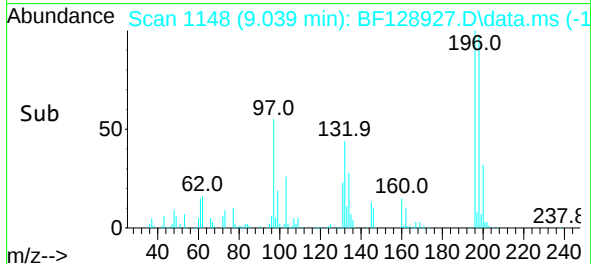
Instrument :
BNA_F
ClientSampleId :
PB145629BS



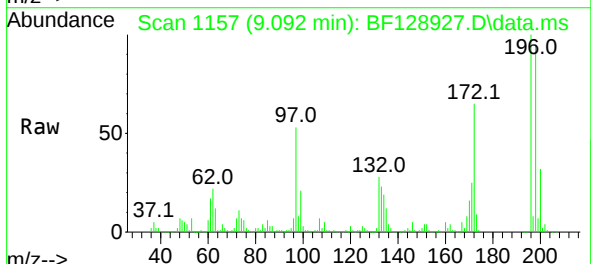
Tgt Ion:196 Resp: 17343
Ion Ratio Lower Upper
196 100
198 97.4 74.0 111.0
200 32.4 24.1 36.1

Manual Integrations
APPROVED

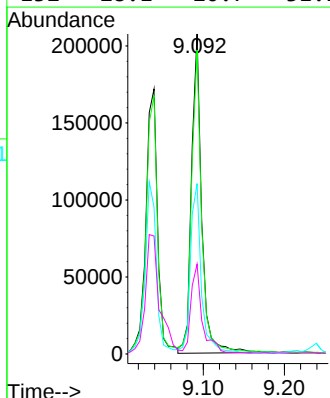
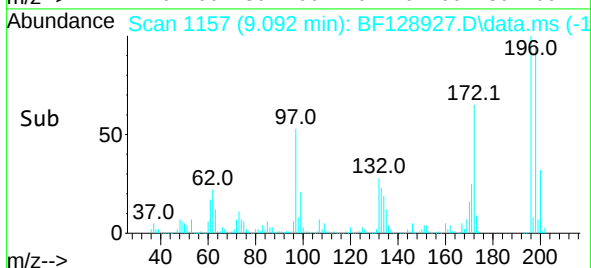
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

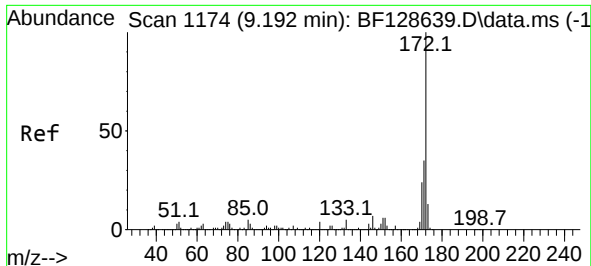


#44
2,4,5-Trichlorophenol
Concen: 45.655 ng
RT: 9.092 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



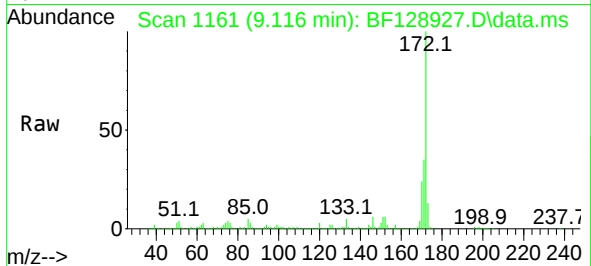
Tgt Ion:196 Resp: 181409
Ion Ratio Lower Upper
196 100
198 95.0 75.7 113.5
97 53.2 36.4 54.6
132 28.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 97.853 ng
RT: 9.116 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

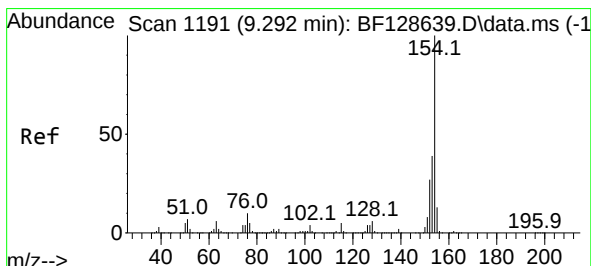
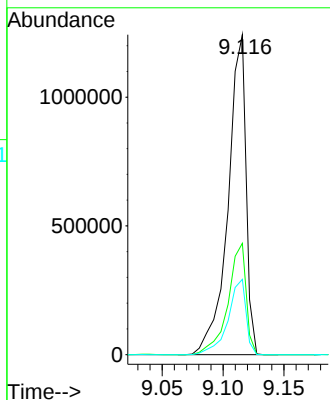
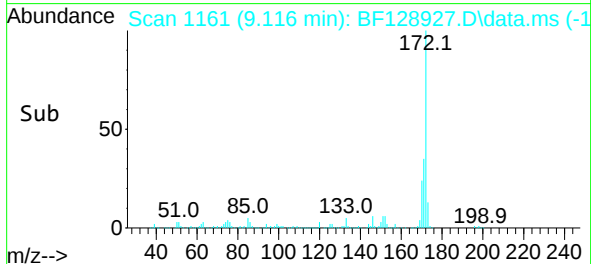
Instrument :
BNA_F
ClientSampleId :
PB145629BS



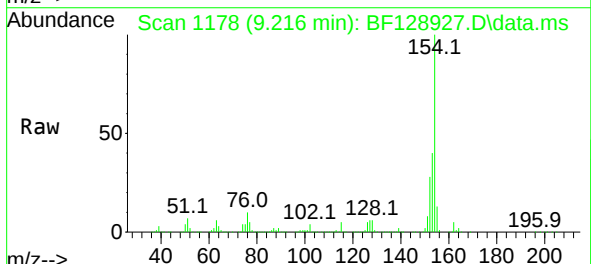
Tgt Ion:172 Resp: 127885
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.5 19.8 29.8

Manual Integrations
APPROVED

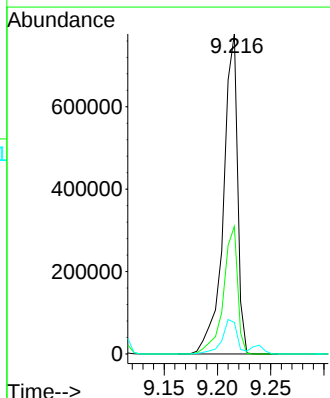
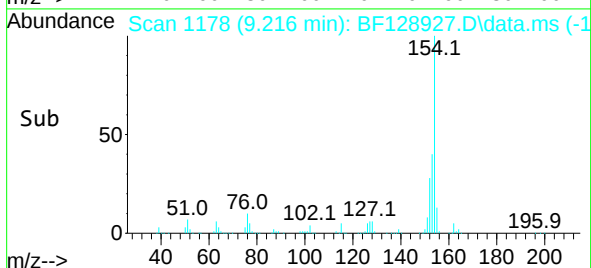
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

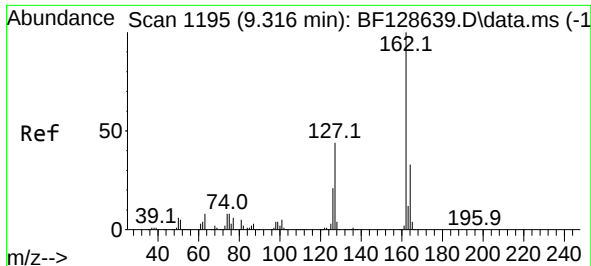


#46
1,1'-Biphenyl
Concen: 52.304 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion:154 Resp: 718457
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 9.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 52.865 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:162 Resp: 55410

Ion Ratio Lower Upper

162 100

127 44.0 34.5 51.7

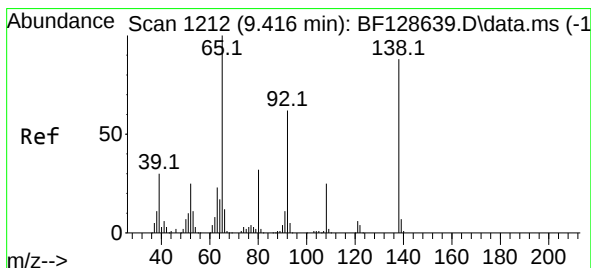
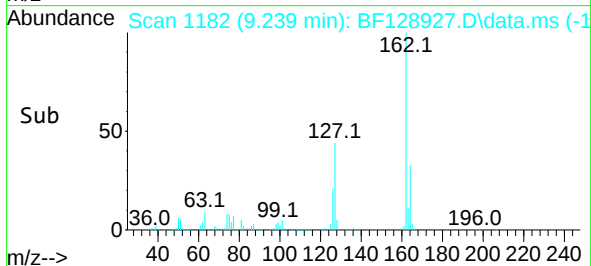
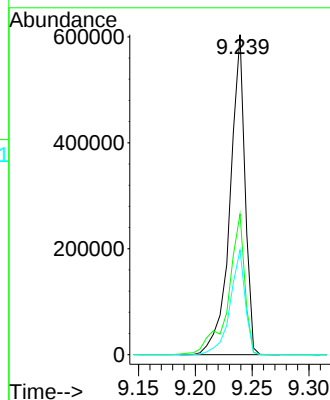
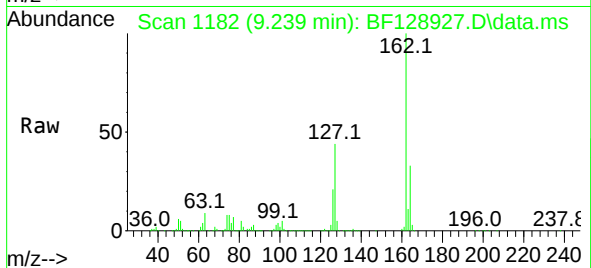
164 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#48

2-Nitroaniline

Concen: 54.335 ng

RT: 9.345 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

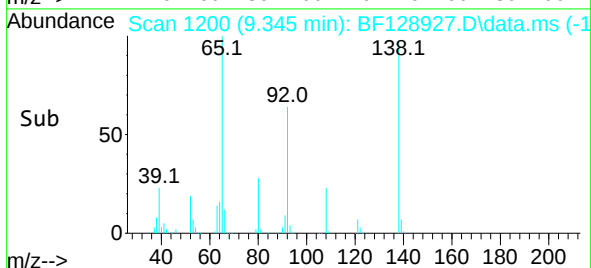
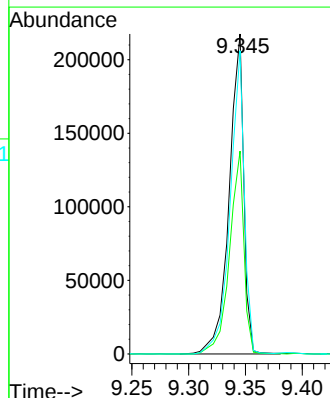
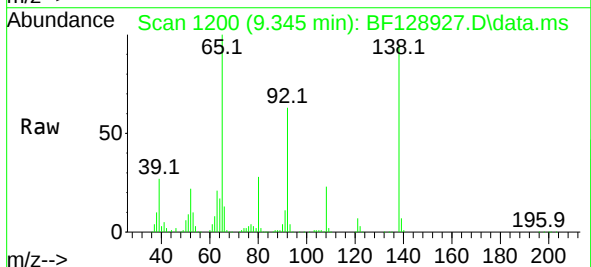
Tgt Ion: 65 Resp: 194749

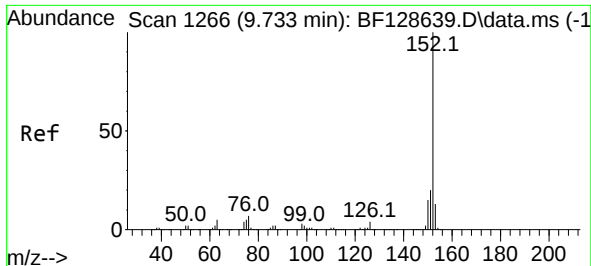
Ion Ratio Lower Upper

65 100

92 63.4 51.9 77.9

138 94.8 76.4 114.6





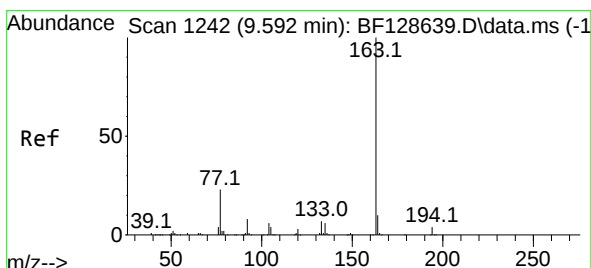
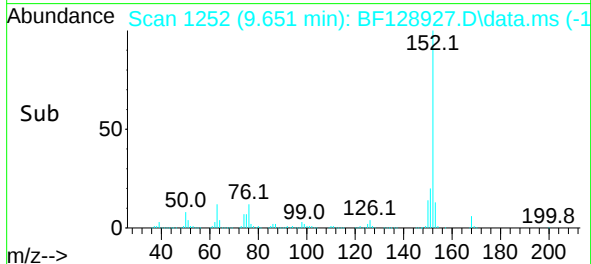
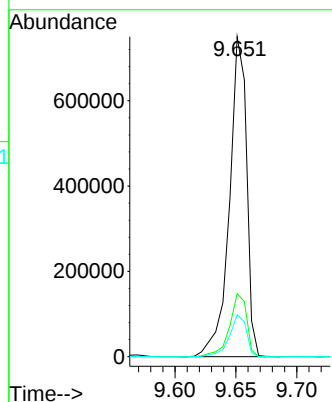
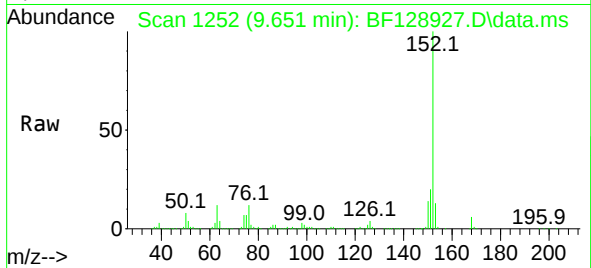
#49
Acenaphthylene
Concen: 45.930 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB145629BS

Tgt Ion:152 Resp: 737015
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.2 10.7 16.1

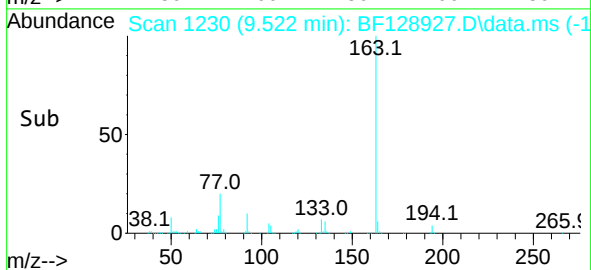
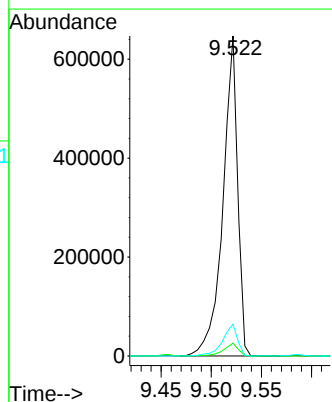
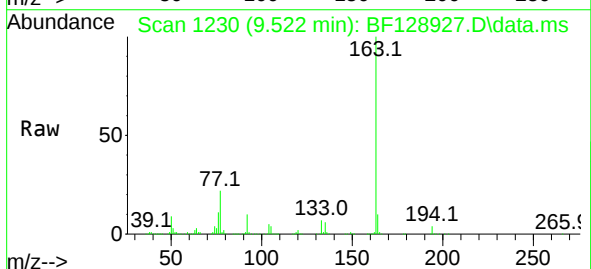
Manual Integrations
APPROVED

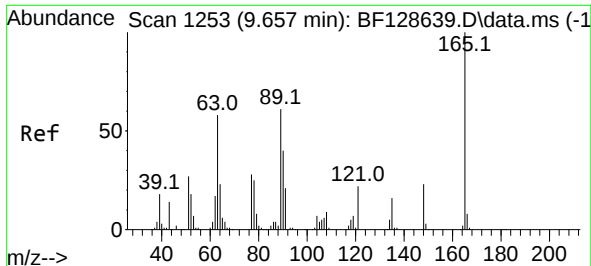
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#50
Dimethylphthalate
Concen: 52.444 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:163 Resp: 657167
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 53.311 ng

RT: 9.586 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:165 Resp: 13185

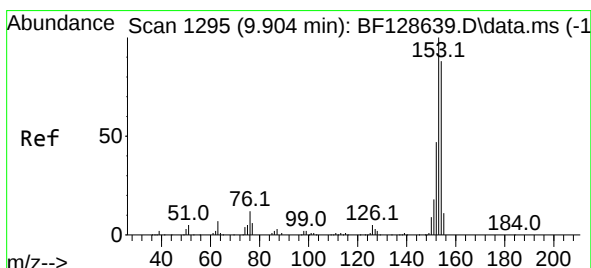
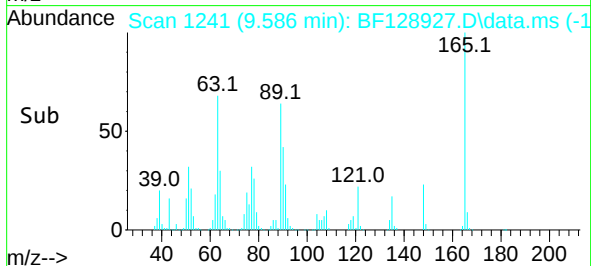
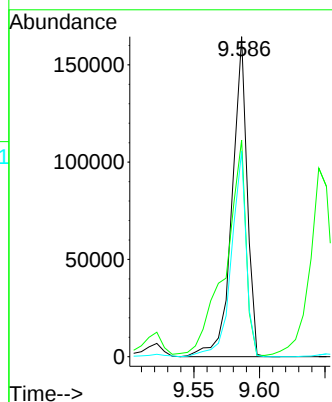
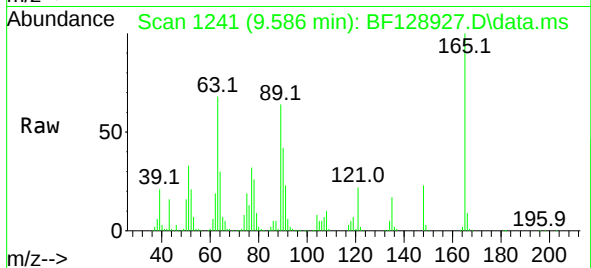
Ion	Ratio	Lower	Upper
165	100		
63	67.7	44.9	67.3
89	64.2	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#52

Acenaphthene

Concen: 38.430 ng

RT: 9.822 min Scan# 1281

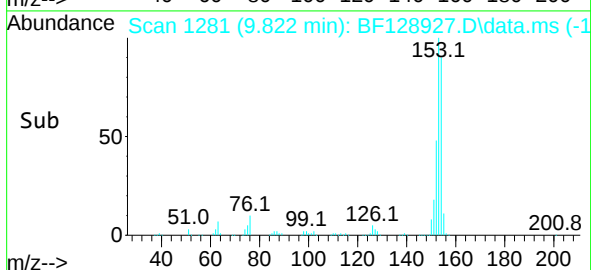
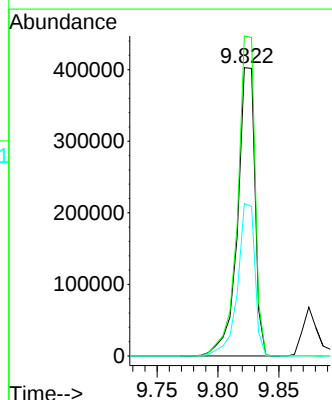
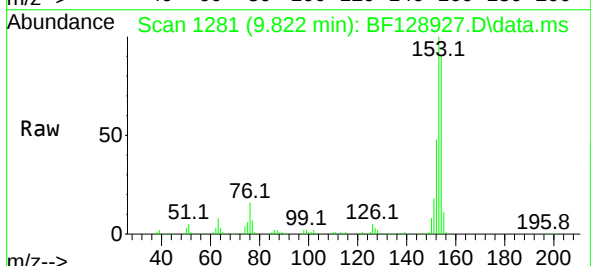
Delta R.T. -0.006 min

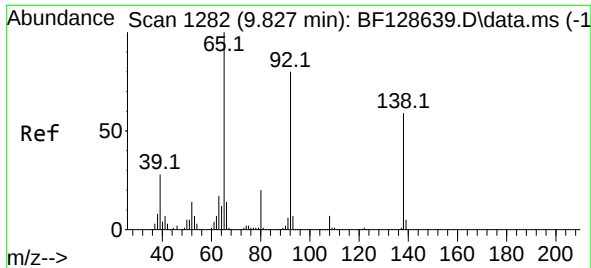
Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Tgt Ion:154 Resp: 401583

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.6	134.4
152	52.9	42.4	63.6





#53
3-Nitroaniline
Concen: 28.938 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

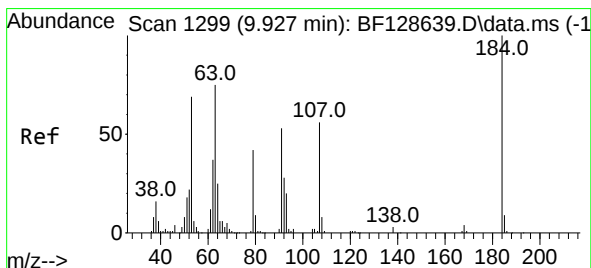
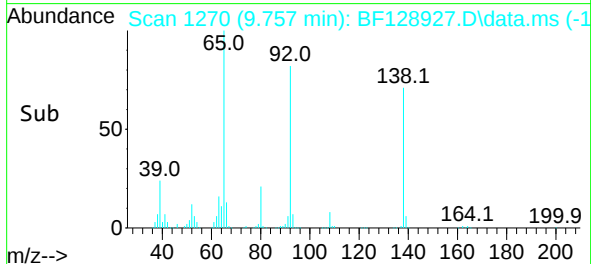
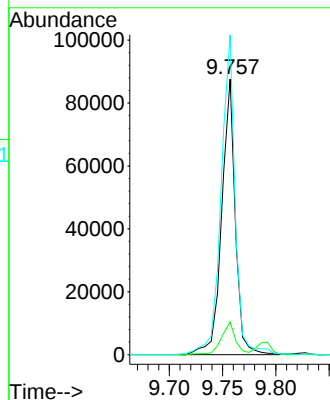
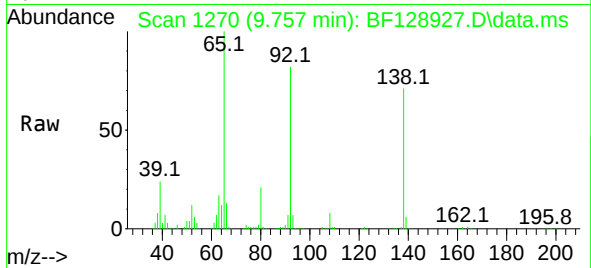
ClientSampleId :

PB145629BS

Tgt Ion:138 Resp: 7767
Ion Ratio Lower Upper
138 100
108 11.9 10.9 16.3
92 116.1 98.2 147.2

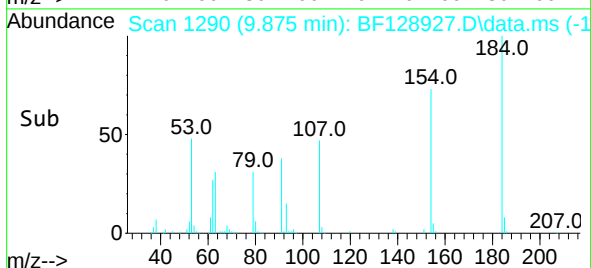
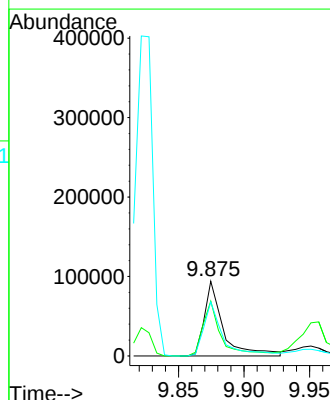
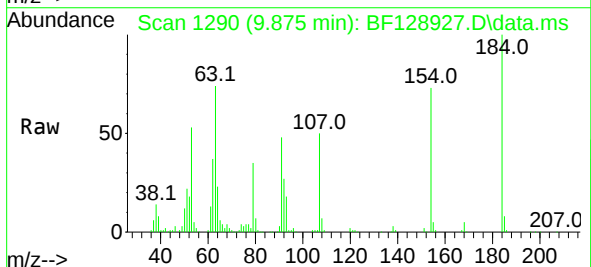
Manual Integrations
APPROVED

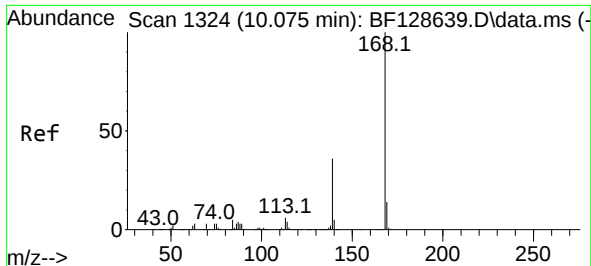
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#54
2,4-Dinitrophenol
Concen: 68.423 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

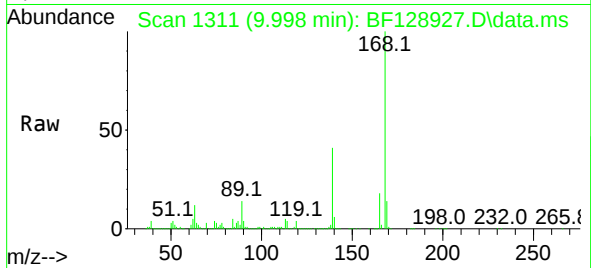
Tgt Ion:184 Resp: 94258
Ion Ratio Lower Upper
184 100
63 73.5 64.5 96.7
154 72.5 50.6 75.8





#55
Dibenzenofuran
Concen: 41.218 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

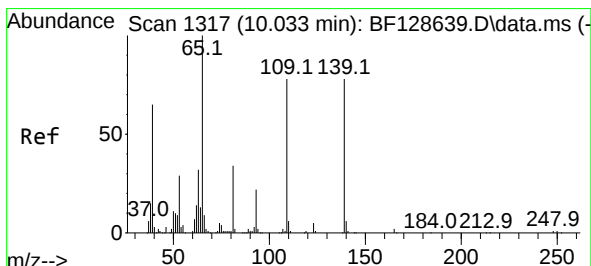
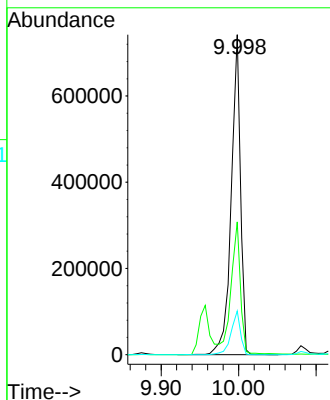
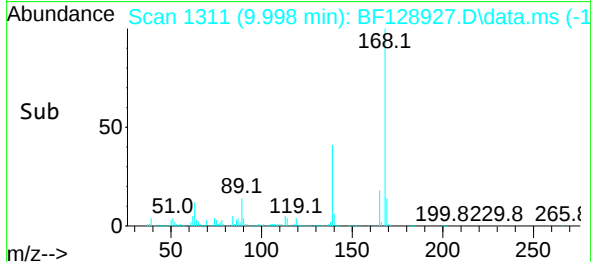
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:168 Resp: 619004
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 13.7 11.0 16.6

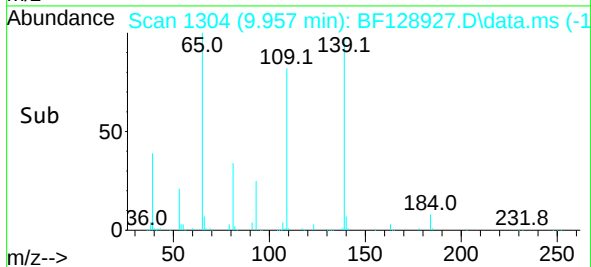
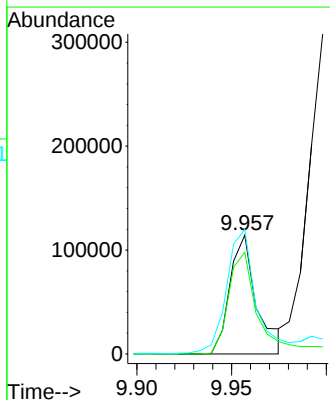
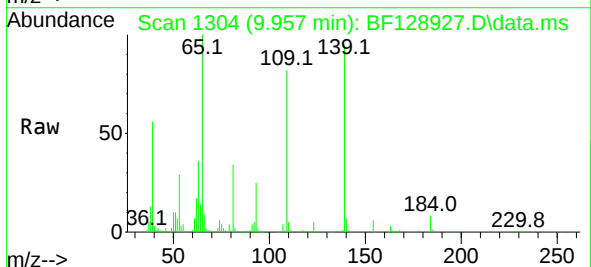
Manual Integrations
APPROVED

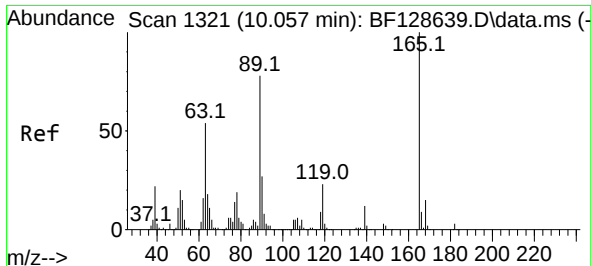
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#56
4-Nitrophenol
Concen: 58.086 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:139 Resp: 113021
Ion Ratio Lower Upper
139 100
109 85.8 50.7 90.7
65 104.8 74.5 114.5





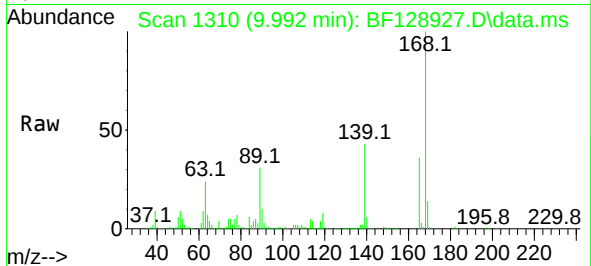
#57
2,4-Dinitrotoluene
Concen: 45.625 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

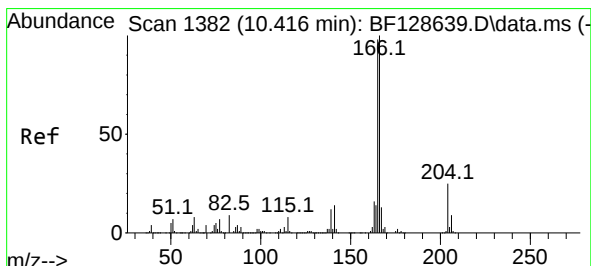
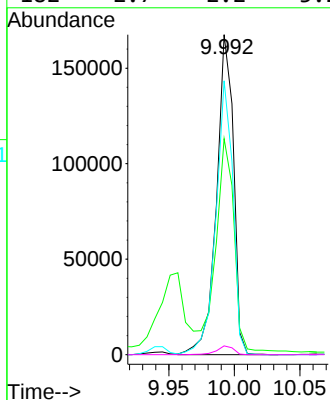
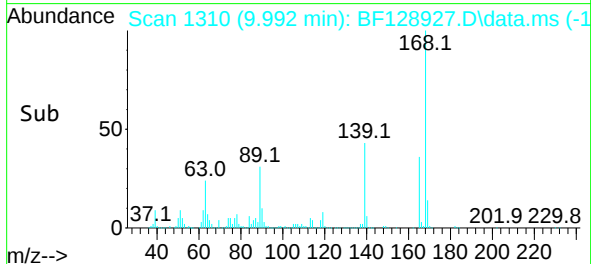


Tgt Ion:165 Resp: 15059
Ion Ratio Lower Upper
165 100
63 67.5 39.8 59.6
89 85.6 60.2 90.2
182 2.7 2.2 3.2

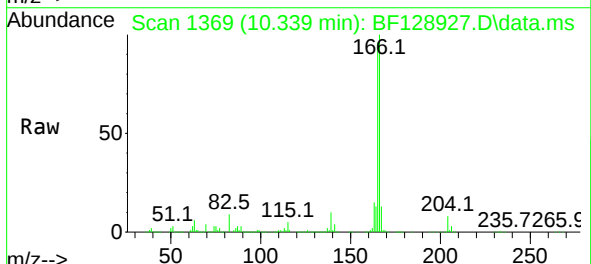
Manual Integrations

APPROVED

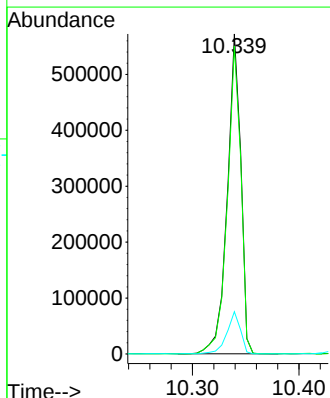
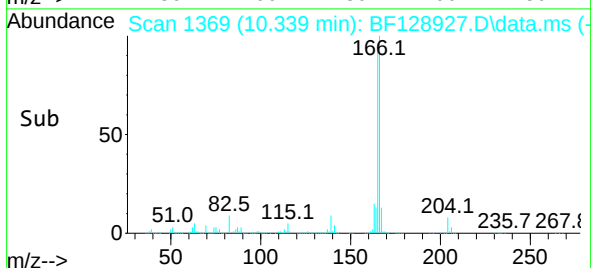
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

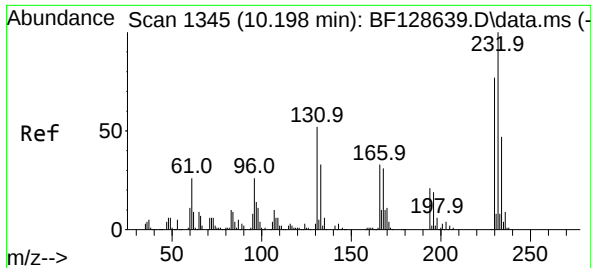


#58
Fluorene
Concen: 43.307 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



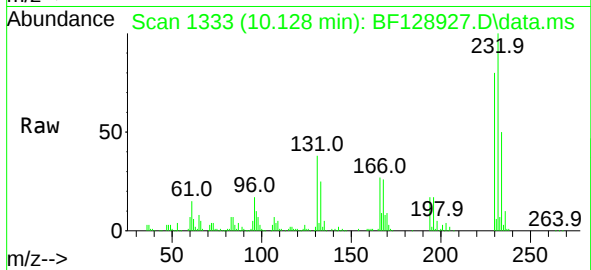
Tgt Ion:166 Resp: 504382
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 33.728 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

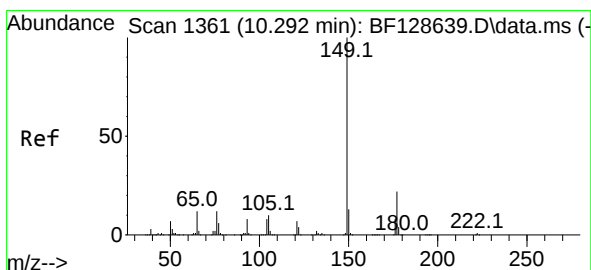
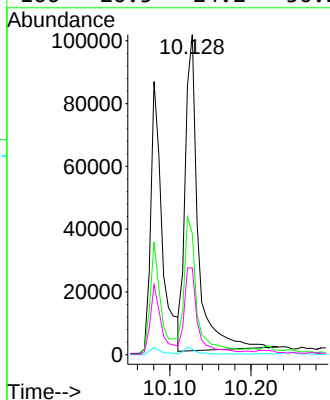
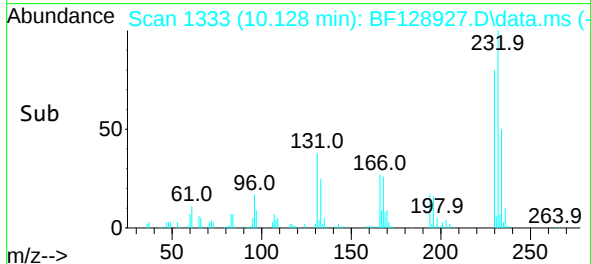
Instrument :
BNA_F
ClientSampleId :
PB145629BS



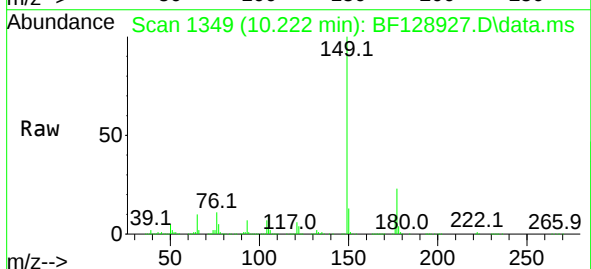
Tgt Ion:232 Resp: 11069
Ion Ratio Lower Upper
232 100
131 40.6 36.1 54.1
130 2.3 1.8 2.8
166 26.5 24.2 36.2

Manual Integrations
APPROVED

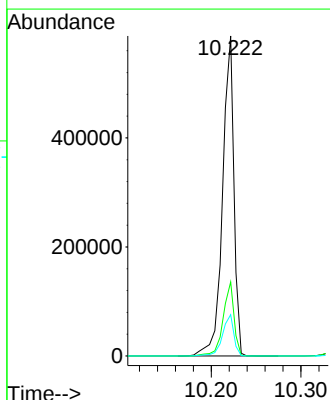
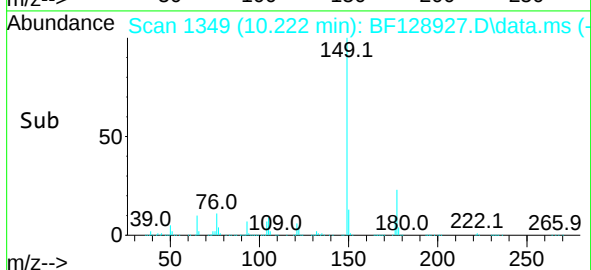
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

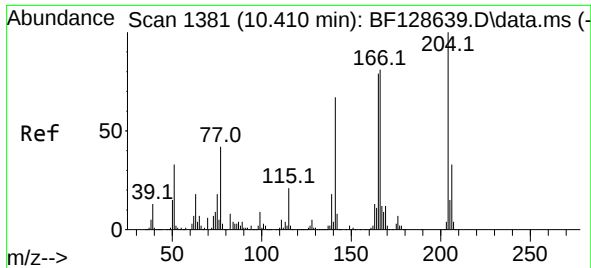


#60
Diethylphthalate
Concen: 40.957 ng
RT: 10.222 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



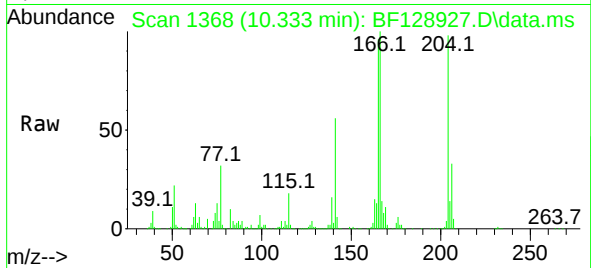
Tgt Ion:149 Resp: 515833
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.772 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

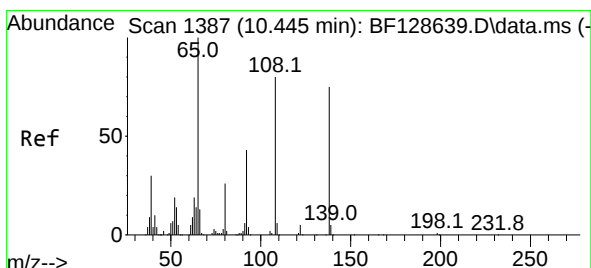
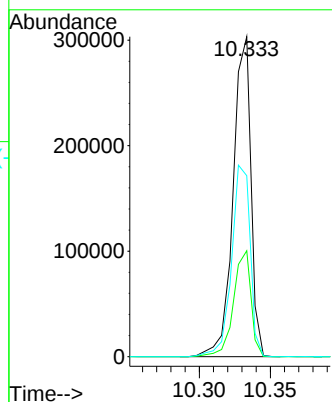
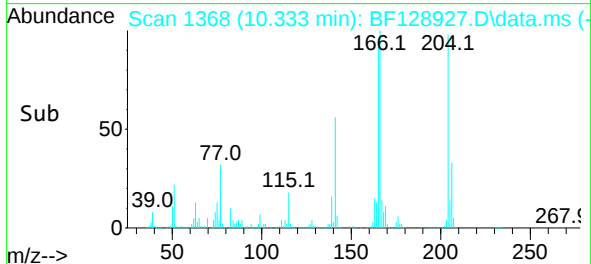
Instrument :
BNA_F
ClientSampleId :
PB145629BS



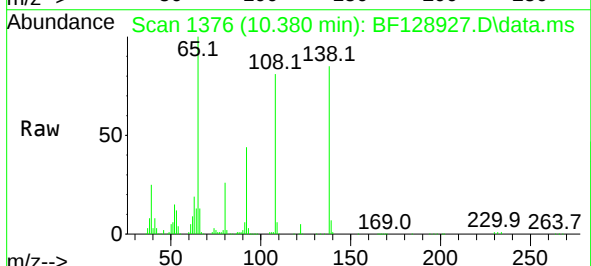
Tgt Ion:204 Resp: 264420
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 56.6 47.0 70.4

Manual Integrations
APPROVED

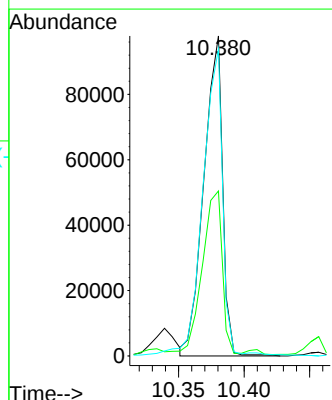
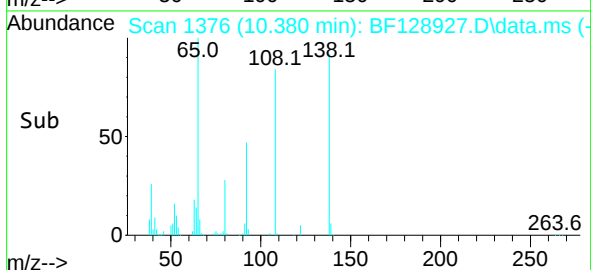
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

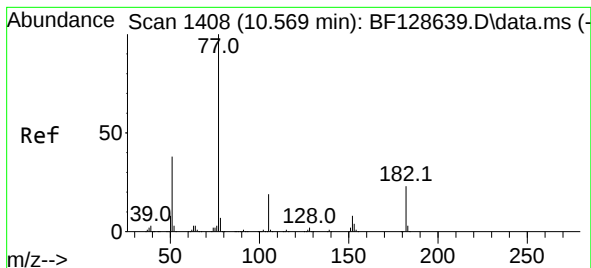


#62
4-Nitroaniline
Concen: 35.885 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



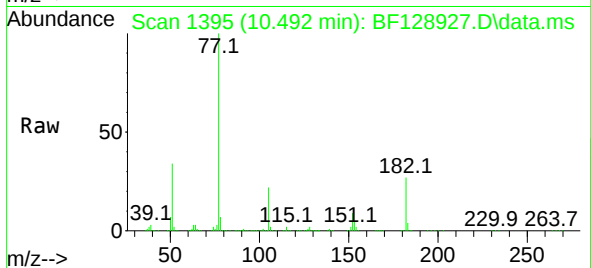
Tgt Ion:138 Resp: 97527
Ion Ratio Lower Upper
138 100
92 51.5 33.5 73.5
108 96.0 61.0 101.0





#63
Azobenzene
Concen: 38.147 ng
RT: 10.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

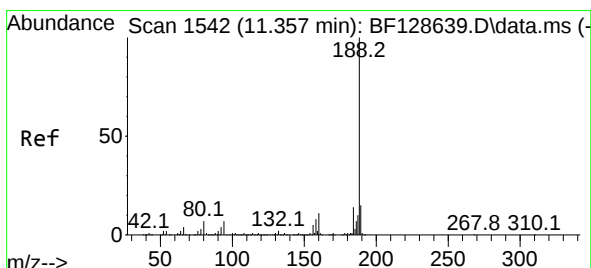
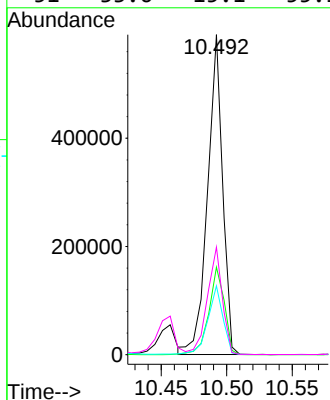
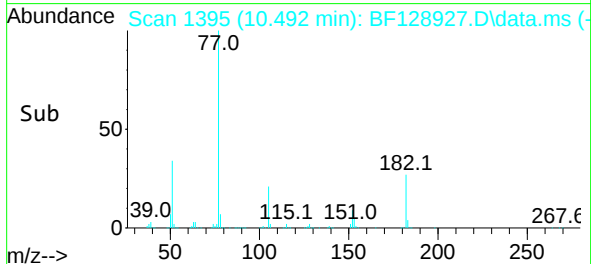
Instrument :
BNA_F
ClientSampleId :
PB145629BS



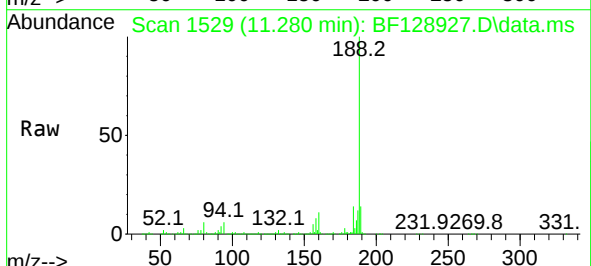
Tgt Ion: 77 Resp: 472970
Ion Ratio Lower Upper
77 100
182 27.3 5.6 45.6
105 21.5 1.6 41.6
51 33.6 15.1 55.1

Manual Integrations
APPROVED

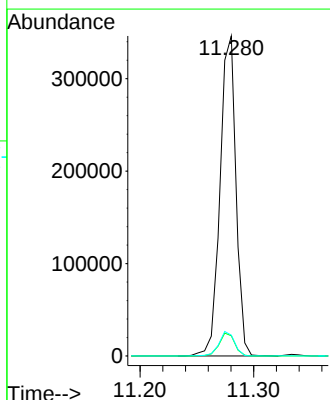
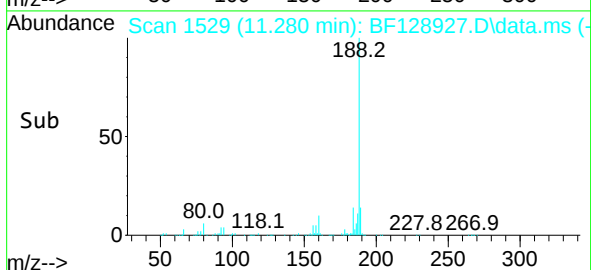
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

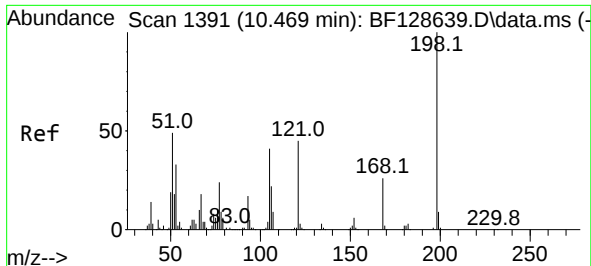


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion:188 Resp: 338469
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 6.5 7.6 11.4#





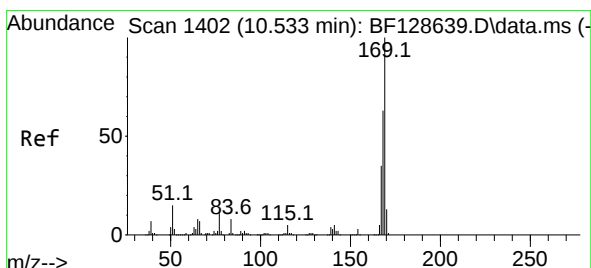
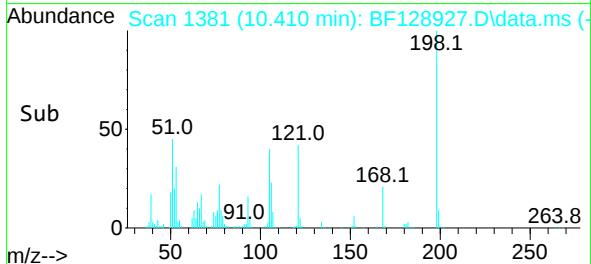
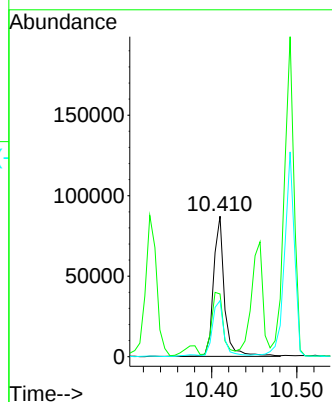
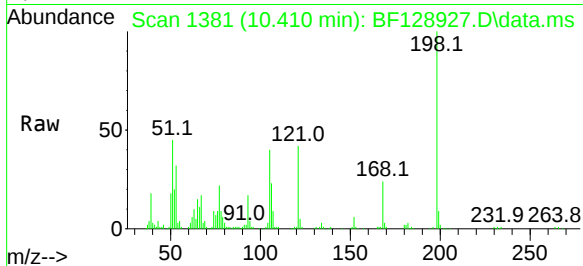
#65
4,6-Dinitro-2-methylphenol
Concen: 38.886 ng
RT: 10.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB145629BS

Tgt Ion:198 Resp: 77674
Ion Ratio Lower Upper
198 100
51 44.7 37.6 77.6
105 39.9 27.0 67.0

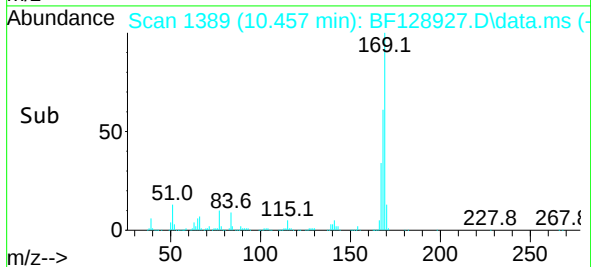
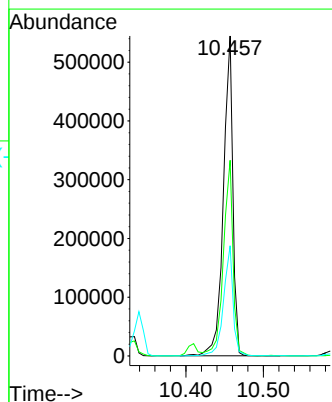
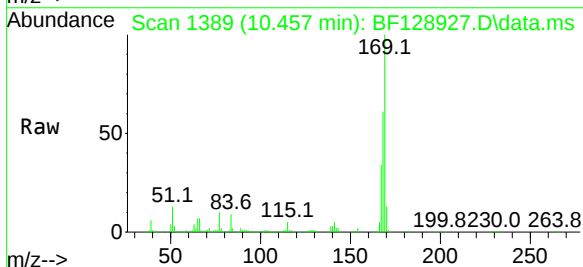
Manual Integrations
APPROVED

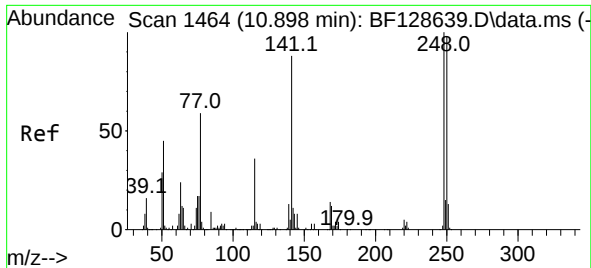
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#66
n-Nitrosodiphenylamine
Concen: 44.488 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

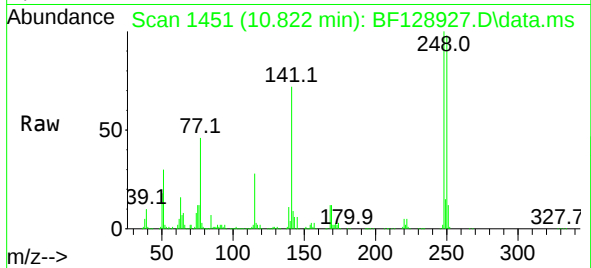
Tgt Ion:169 Resp: 462823
Ion Ratio Lower Upper
169 100
168 61.2 50.1 75.1
167 34.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.541 ng
RT: 10.822 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

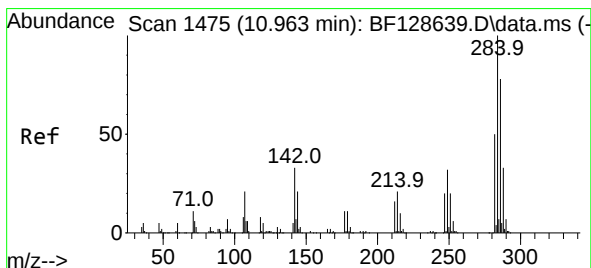
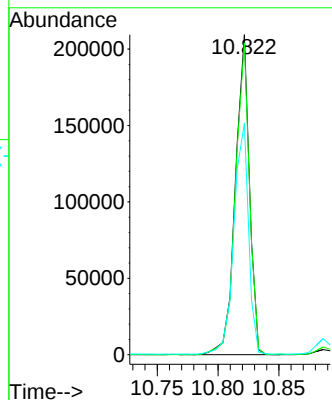
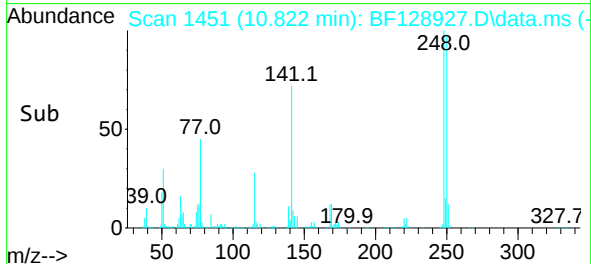
Instrument :
BNA_F
ClientSampleId :
PB145629BS



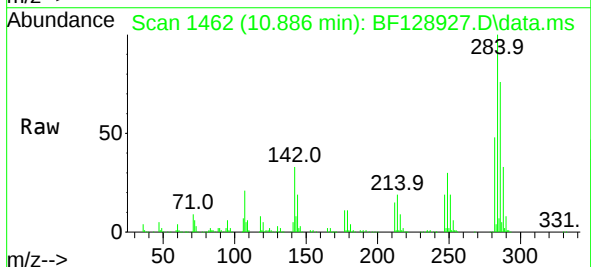
Tgt Ion:248 Resp: 16812
Ion Ratio Lower Upper
248 100
250 97.5 80.6 120.8
141 72.3 58.9 88.3

Manual Integrations
APPROVED

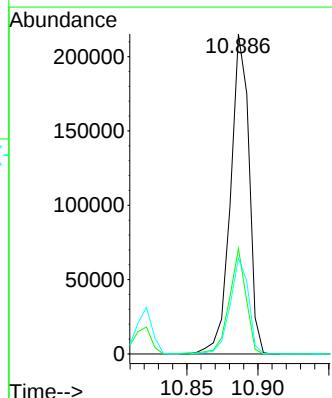
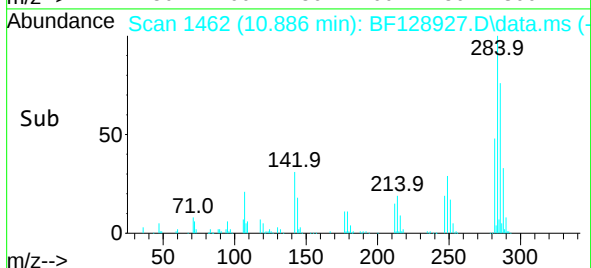
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

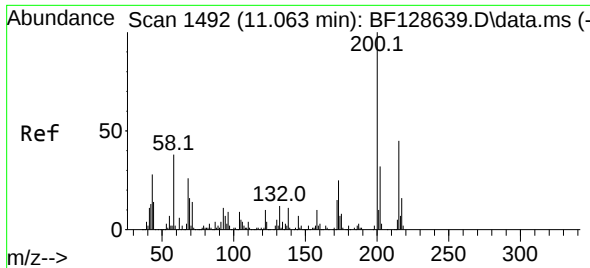


#68
Hexachlorobenzene
Concen: 46.375 ng
RT: 10.886 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion:284 Resp: 194401
Ion Ratio Lower Upper
284 100
142 32.9 29.0 43.4
249 30.0 25.0 37.6





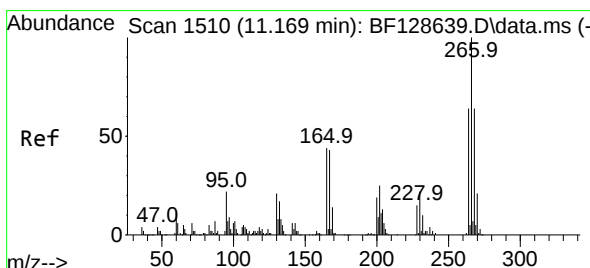
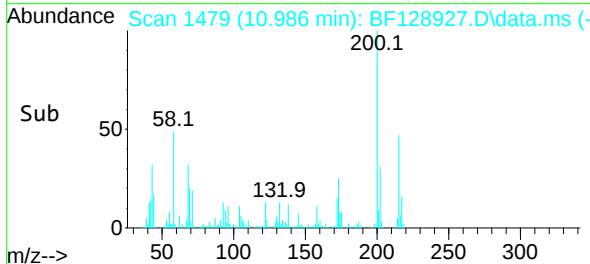
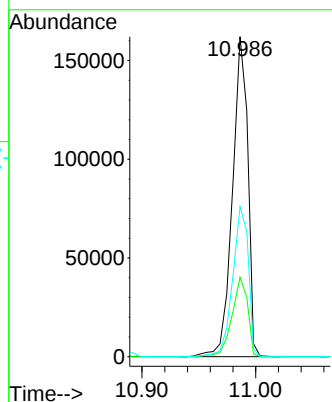
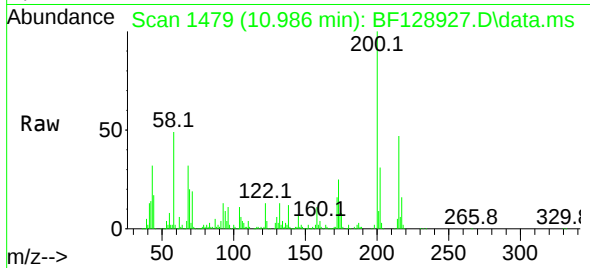
#69
Atrazine
Concen: 45.365 ng
RT: 10.986 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :
BNA_F
ClientSampleId :
PB145629BS

Tgt Ion:200 Resp: 151769
Ion Ratio Lower Upper
200 100
173 24.8 6.3 46.3
215 46.9 28.3 68.3

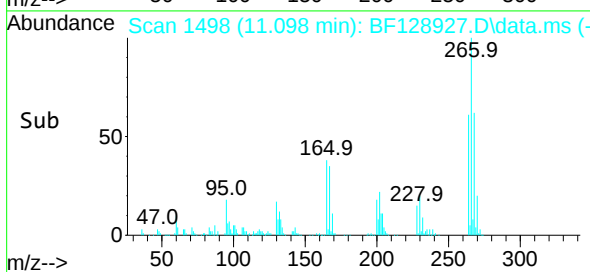
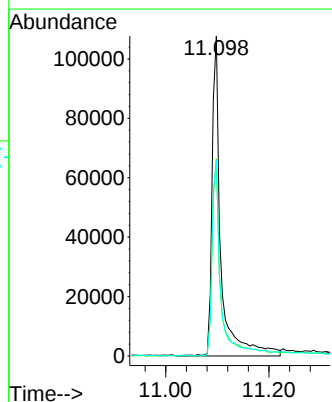
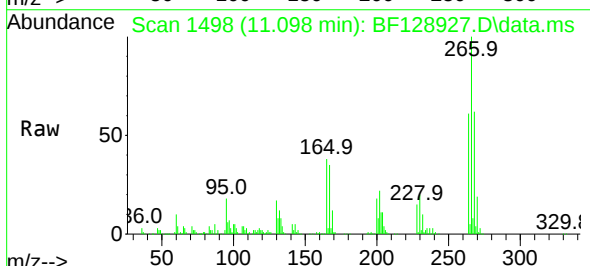
Manual Integrations
APPROVED

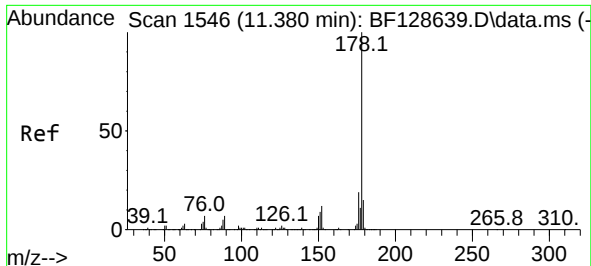
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#70
Pentachlorophenol
Concen: 61.505 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

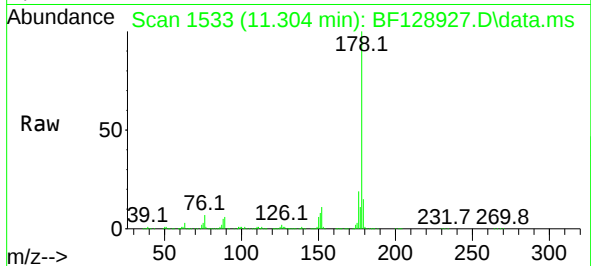
Tgt Ion:266 Resp: 128698
Ion Ratio Lower Upper
266 100
268 61.6 51.0 76.4
264 61.1 49.4 74.2





#71
Phenanthrene
Concen: 43.696 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

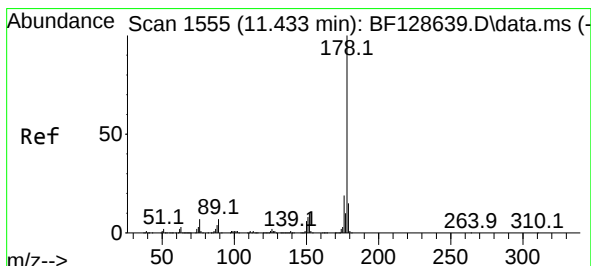
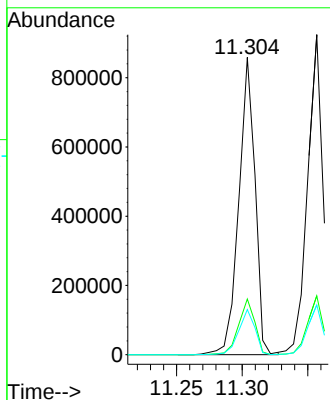
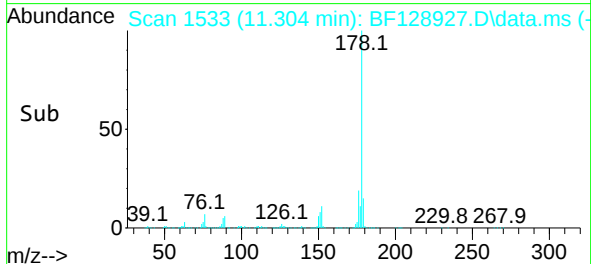
Instrument :
BNA_F
ClientSampleId :
PB145629BS



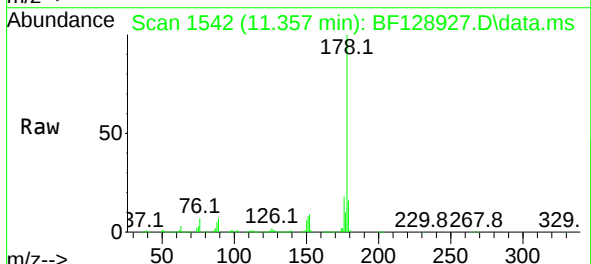
Tgt Ion:178 Resp: 741818
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.2 12.6 19.0

Manual Integrations
APPROVED

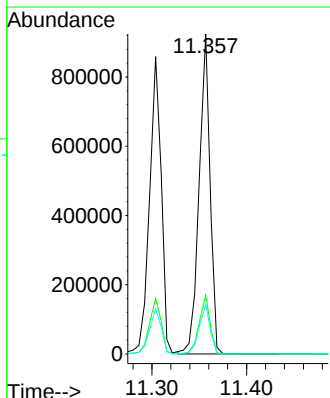
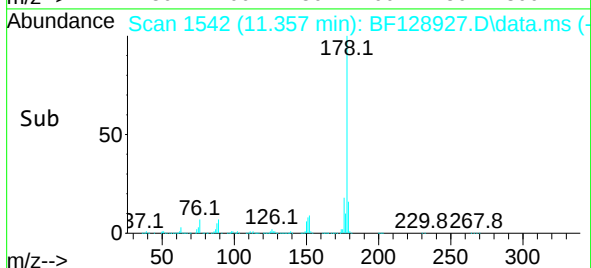
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

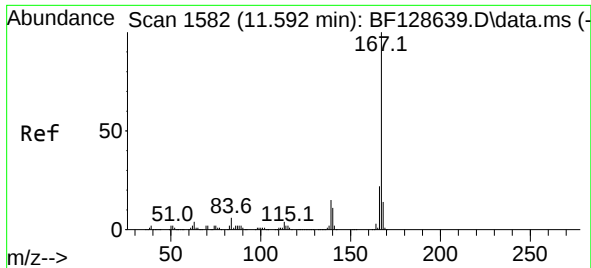


#72
Anthracene
Concen: 44.529 ng
RT: 11.357 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



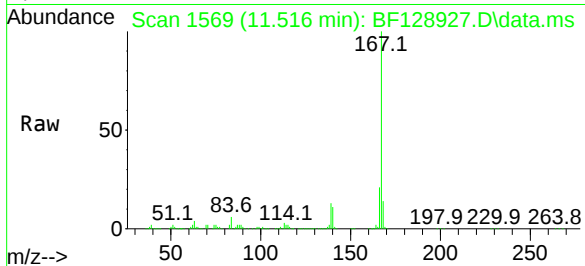
Tgt Ion:178 Resp: 748242
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 41.547 ng
 RT: 11.516 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128927.D
 Acq: 22 Jun 2022 12:51

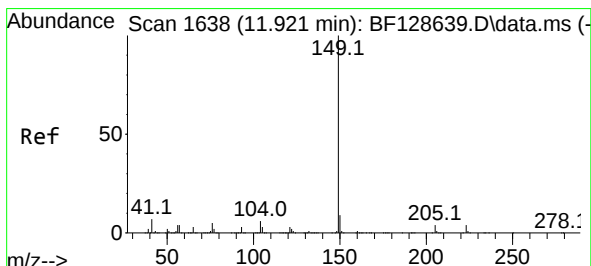
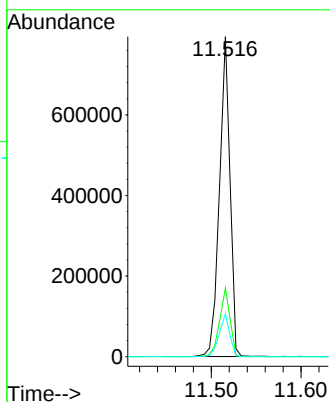
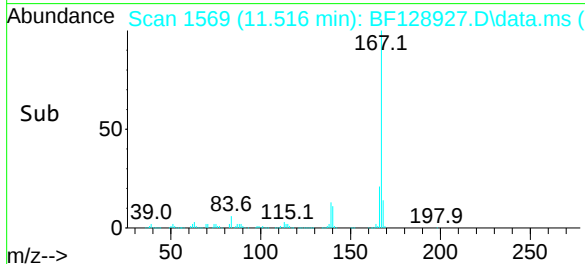
Instrument :
 BNA_F
 ClientSampleId :
 PB145629BS



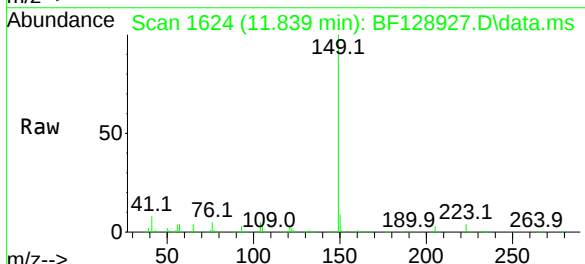
Tgt Ion:167 Resp: 64842
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.4 11.2 16.8

Manual Integrations
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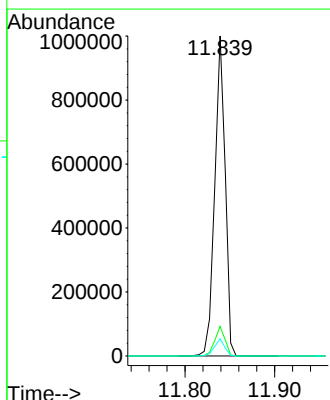
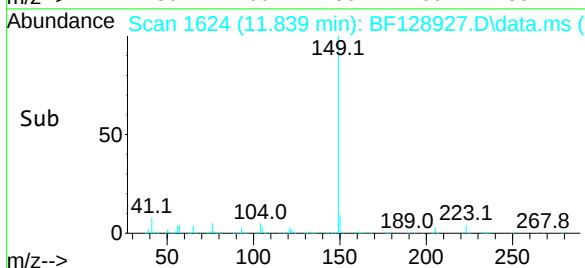
Reviewed By :Christian Giraldo 06/23/2022
 Supervised By :Jagrut Upadhyay 06/23/2022

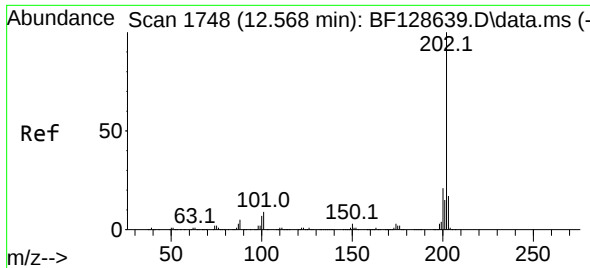


#74
 Di-n-butylphthalate
 Concen: 42.444 ng
 RT: 11.839 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF128927.D
 Acq: 22 Jun 2022 12:51



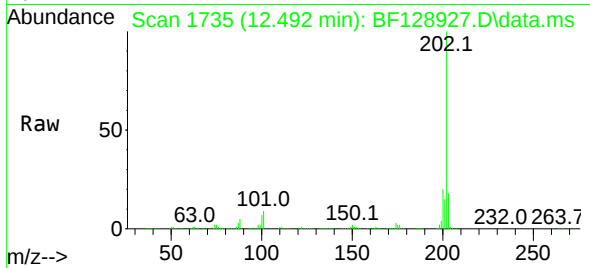
Tgt Ion:149 Resp: 806533
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 44.845 ng
RT: 12.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

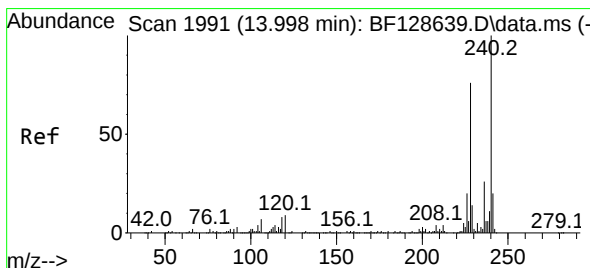
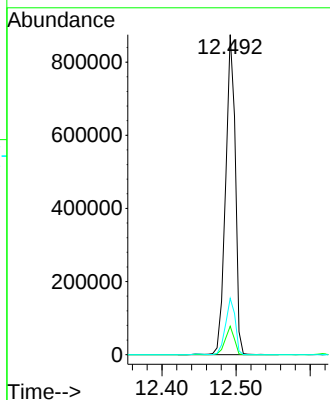
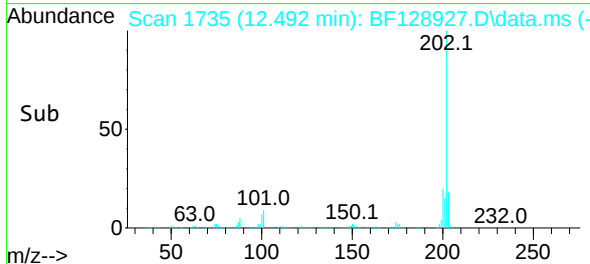
Instrument :
BNA_F
ClientSampleId :
PB145629BS



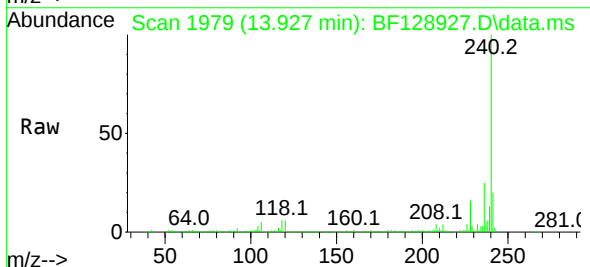
Tgt Ion:202 Resp: 795822
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.4
203 17.6 0.0 38.0

Manual Integrations
APPROVED

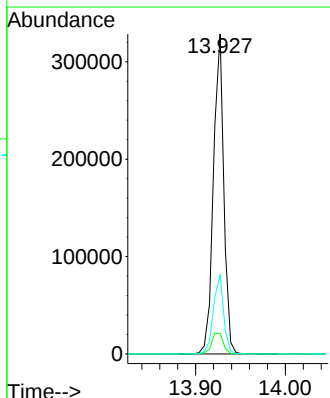
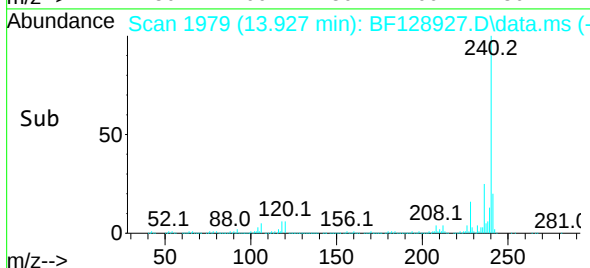
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

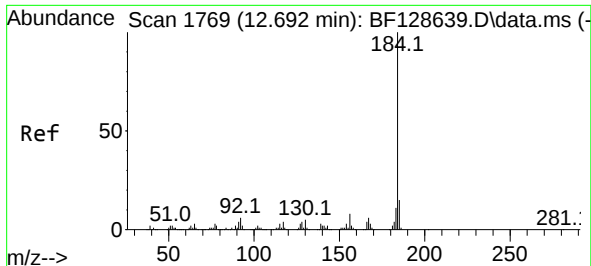


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



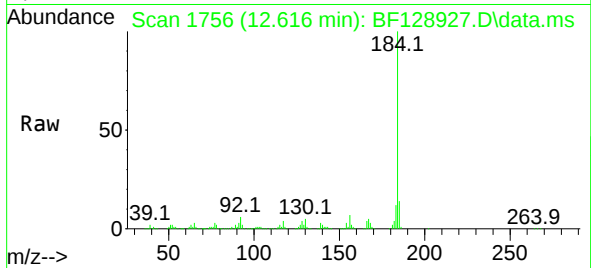
Tgt Ion:240 Resp: 263275
Ion Ratio Lower Upper
240 100
120 6.4 8.9 13.3#
236 24.6 20.8 31.2





#77
Benzidine
Concen: 48.169 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

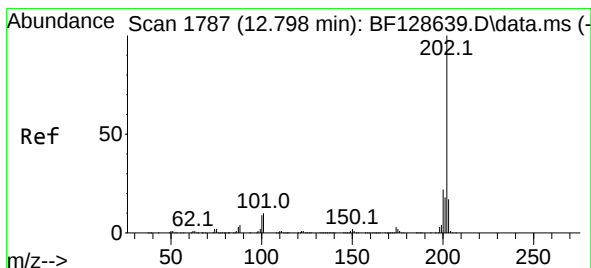
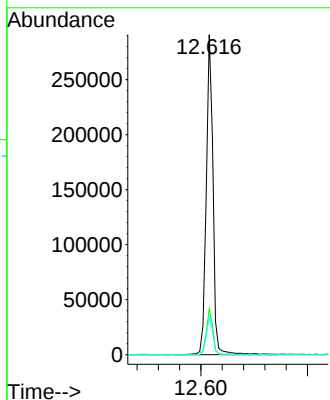
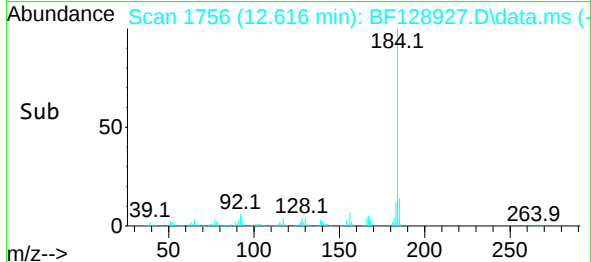
Instrument :
BNA_F
ClientSampleId :
PB145629BS



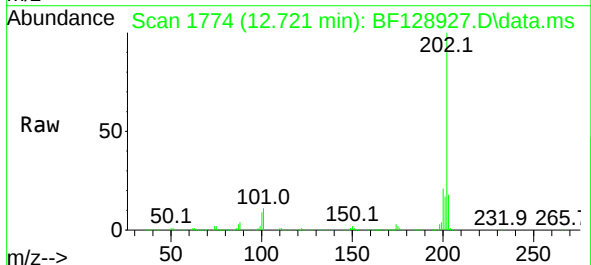
Tgt Ion:184 Resp: 25280
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.8 9.3 13.9

Manual Integrations
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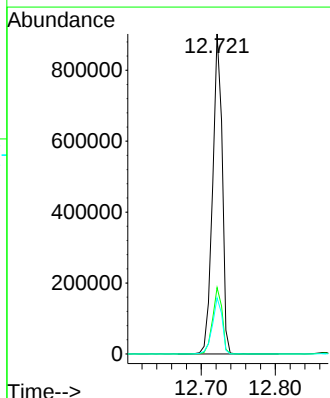
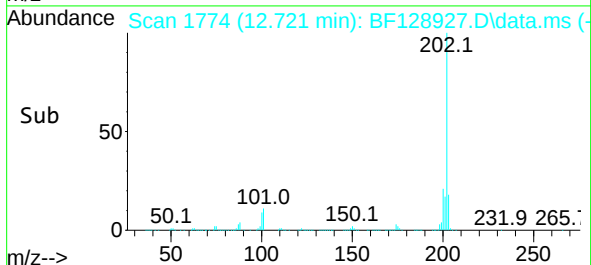
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

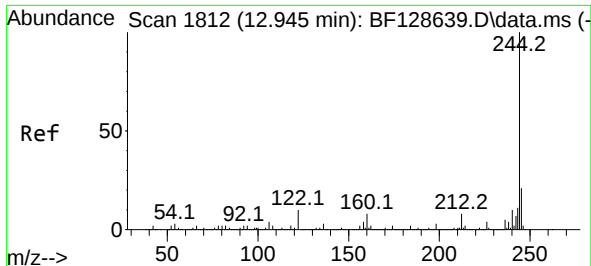


#78
Pyrene
Concen: 41.139 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



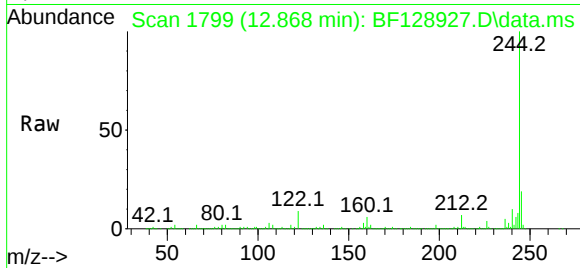
Tgt Ion:202 Resp: 805819
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.5 14.6 21.8





#79
Terphenyl-d14
Concen: 81.679 ng
RT: 12.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

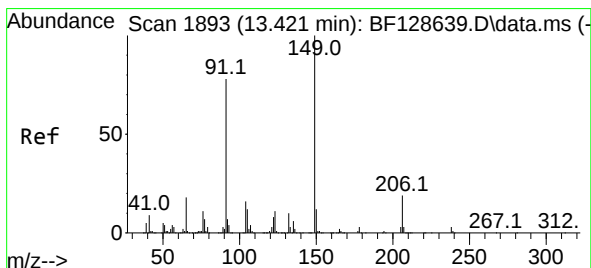
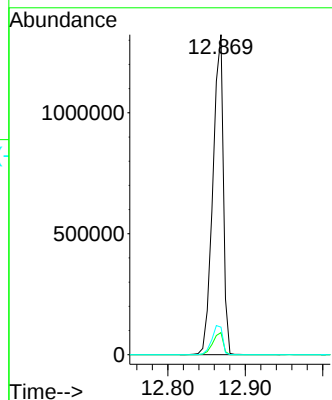
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:244 Resp: 1237552
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 8.6 8.8 13.2

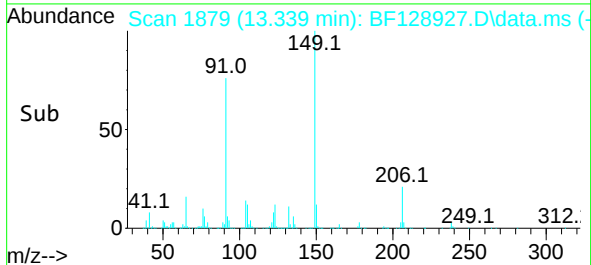
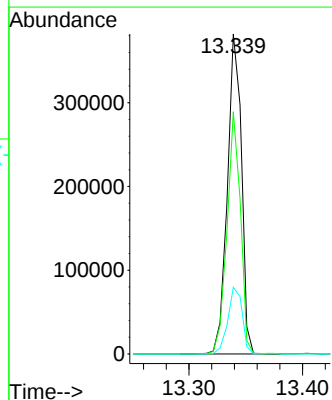
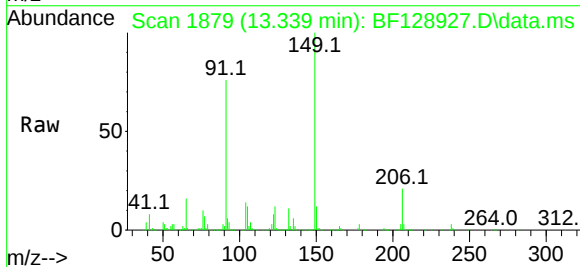
Manual Integrations
APPROVED

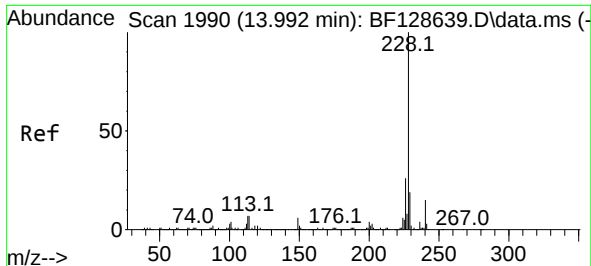
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#80
Butylbenzylphthalate
Concen: 40.011 ng
RT: 13.339 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Tgt Ion:149 Resp: 329122
Ion Ratio Lower Upper
149 100
91 75.7 61.2 91.8
206 20.9 15.7 23.5





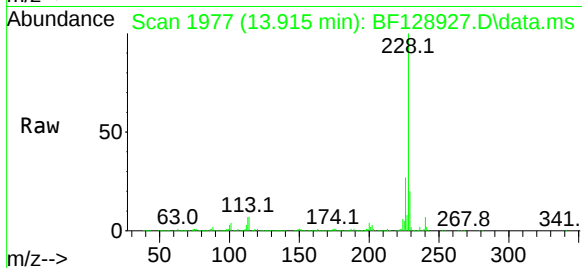
#81
Benzo(a)anthracene
Concen: 43.809 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

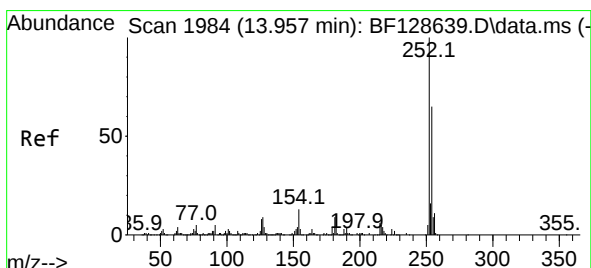
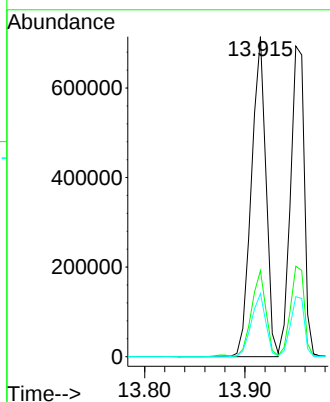
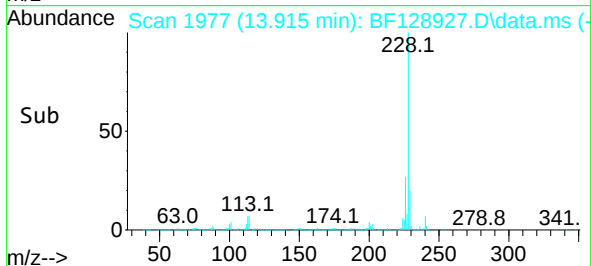


Tgt Ion:228 Resp: 71894
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.8 15.8 23.8

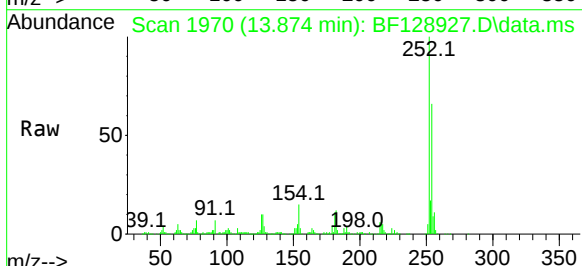
Manual Integrations

APPROVED

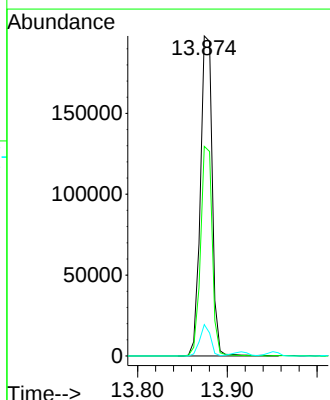
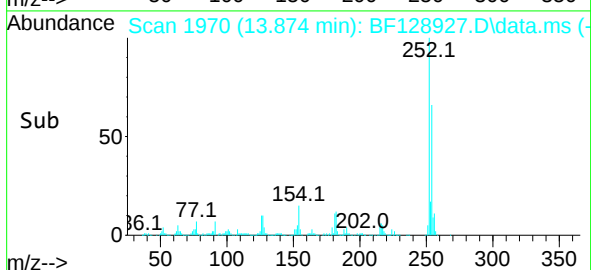
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

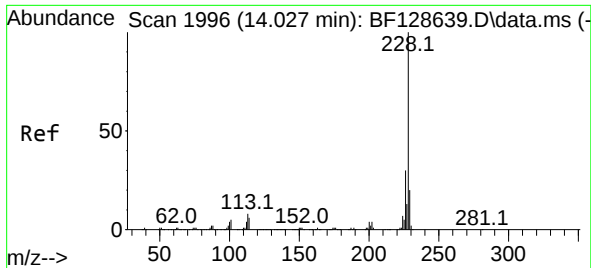


#82
3,3'-Dichlorobenzidine
Concen: 51.656 ng
RT: 13.874 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



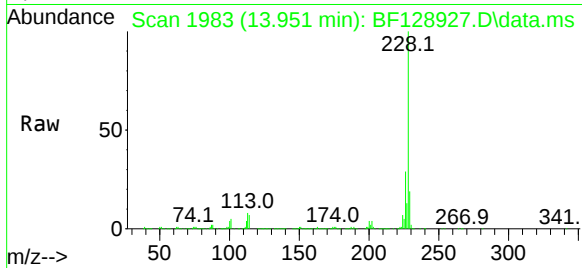
Tgt Ion:252 Resp: 181362
Ion Ratio Lower Upper
252 100
254 65.5 50.2 75.4
126 9.8 8.2 12.4





#83
Chrysene
Concen: 42.278 ng
RT: 13.951 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

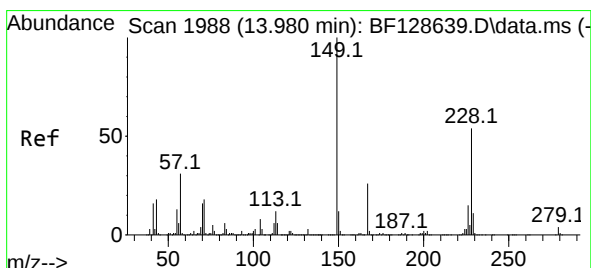
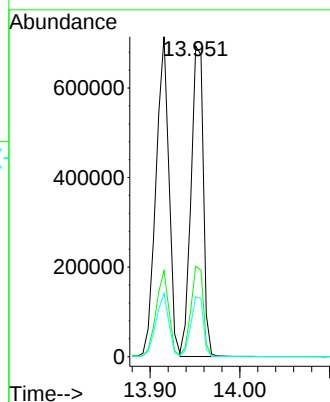
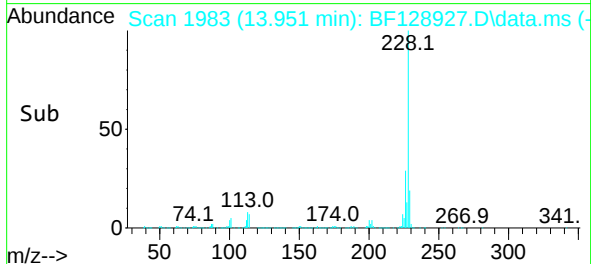
Instrument :
BNA_F
ClientSampleId :
PB145629BS



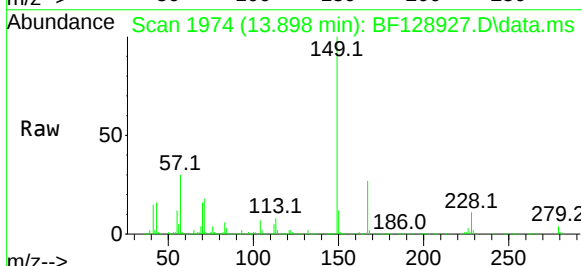
Tgt Ion:228 Resp: 66147
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 19.3 15.9 23.9

Manual Integrations
APPROVED

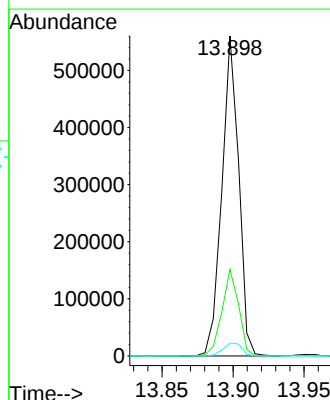
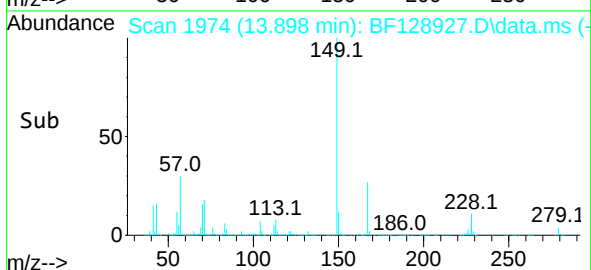
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022

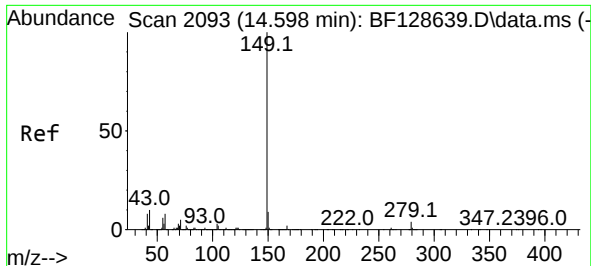


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.139 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



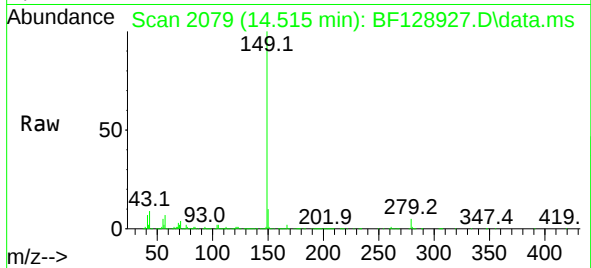
Tgt Ion:149 Resp: 461328
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 45.324 ng
RT: 14.515 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

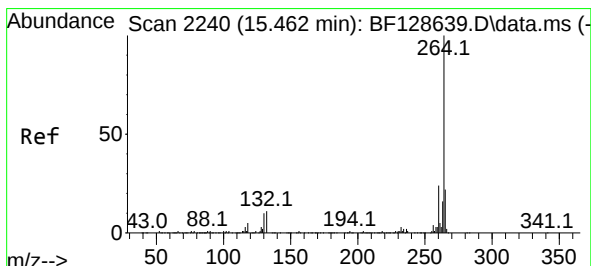
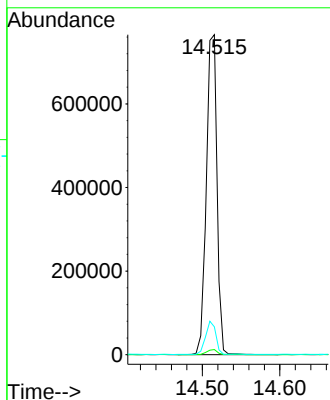
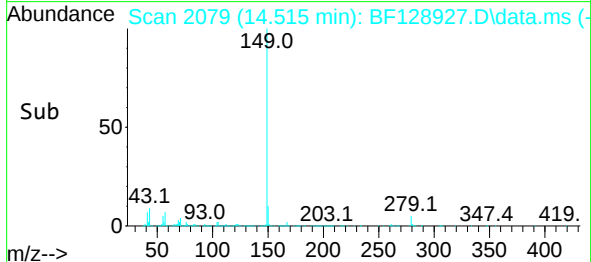
Instrument :
BNA_F
ClientSampleId :
PB145629BS



Tgt Ion:149 Resp: 729997
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 9.2 13.8

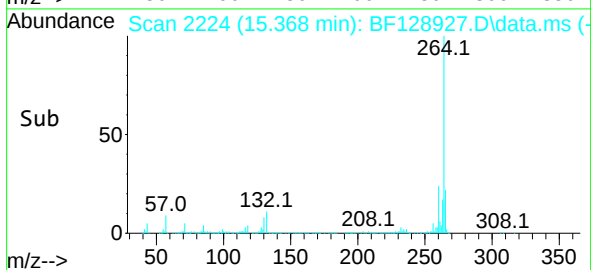
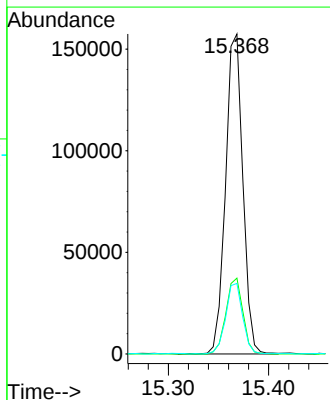
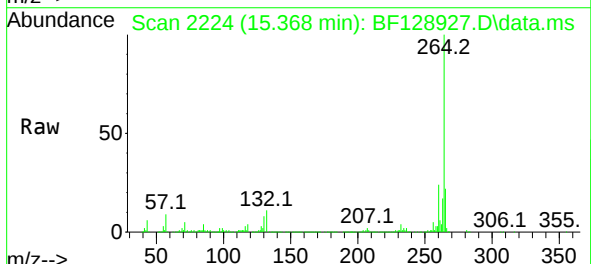
Manual Integrations
APPROVED

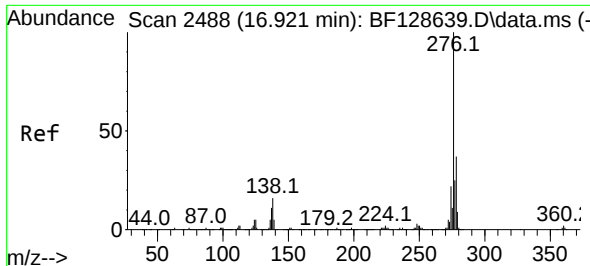
Reviewed By :Christian Giraldo 06/23/2022
Supervised By :Jagrut Upadhyay 06/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

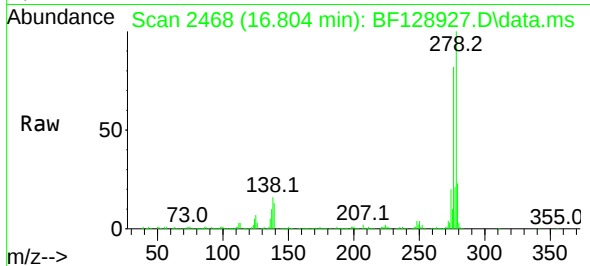
Tgt Ion:264 Resp: 187734
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.019 ng
RT: 16.804 min Scan# 2488
Delta R.T. 0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

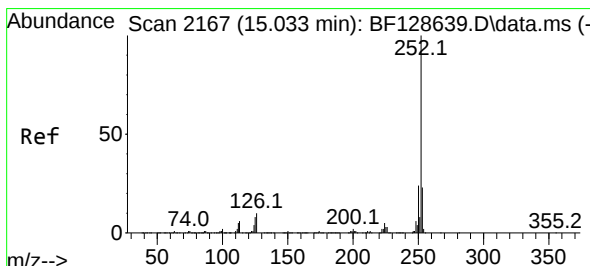
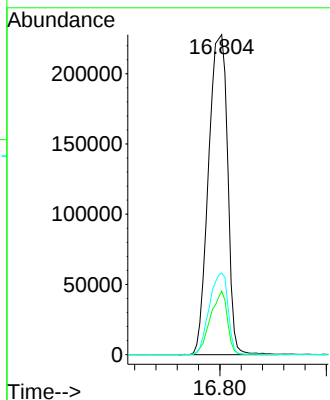
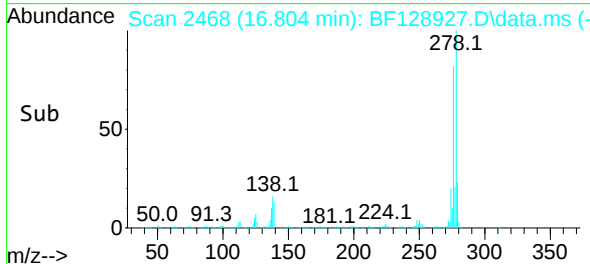
Instrument :
BNA_F
ClientSampleId :
PB145629BS



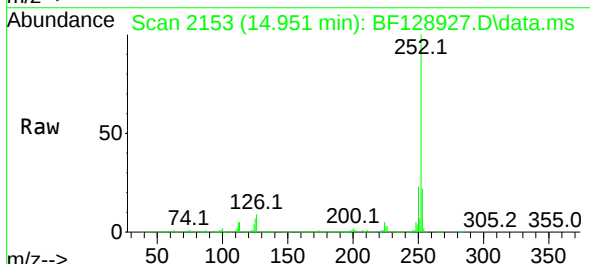
Tgt Ion: 276 Resp: 565980
Ion Ratio Lower Upper
276 100
138 17.6 21.1 31.7
277 24.9 20.3 30.5

Manual Integrations
APPROVED

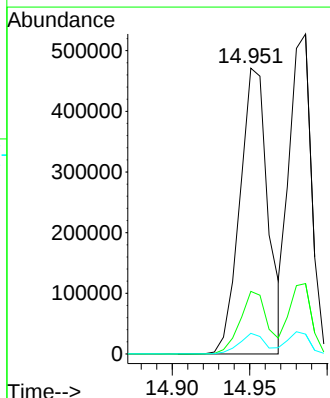
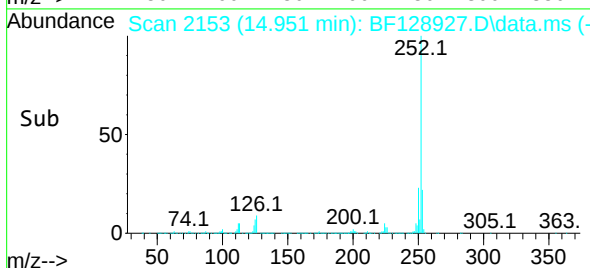
Reviewed By : Christian Giraldo 06/23/2022
Supervised By : Jagrut Upadhyay 06/23/2022

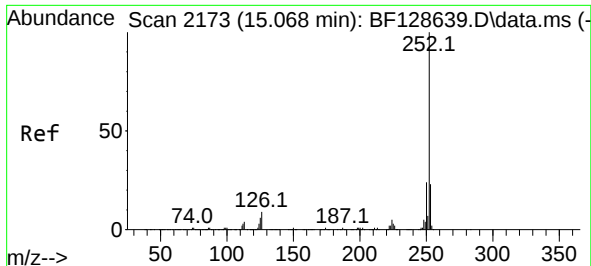


#88
Benzo(b)fluoranthene
Concen: 49.675 ng
RT: 14.951 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion: 252 Resp: 595897
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 7.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.683 ng

RT: 14.986 min Scan# 2159

Delta R.T. 0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

PB145629BS

Tgt Ion:252 Resp: 526800

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

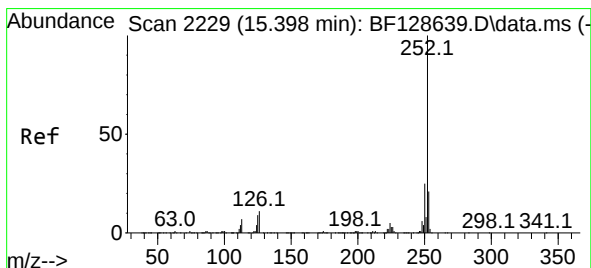
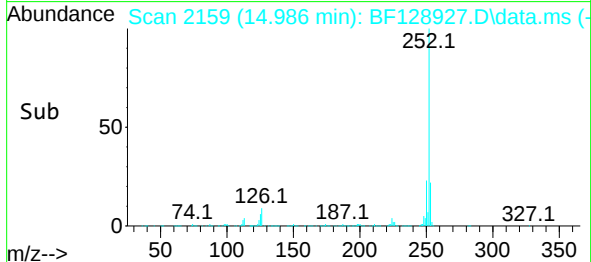
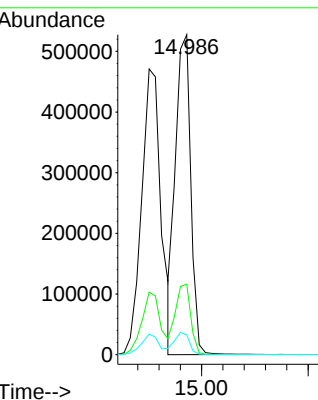
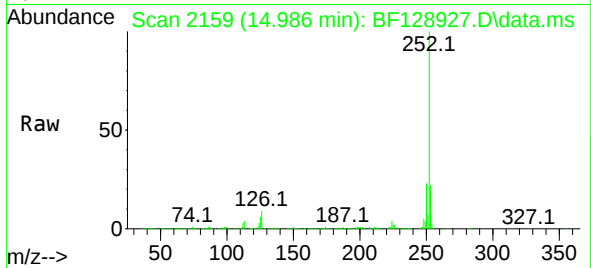
125 6.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/23/2022

Supervised By :Jagrut Upadhyay 06/23/2022



#90

Benzo(a)pyrene

Concen: 53.127 ng

RT: 15.310 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF128927.D

Acq: 22 Jun 2022 12:51

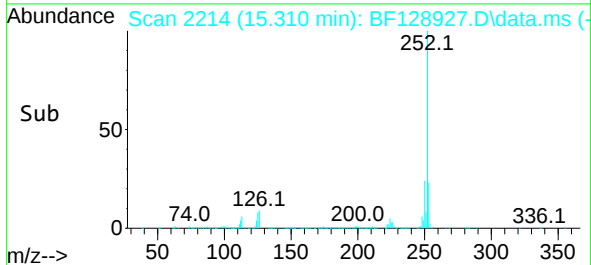
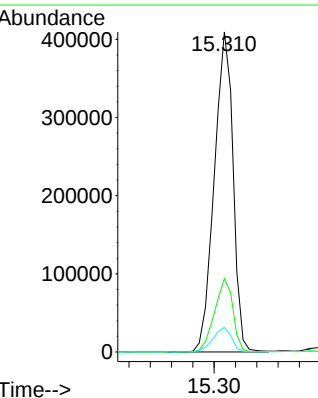
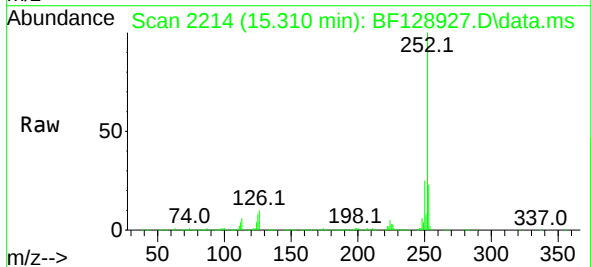
Tgt Ion:252 Resp: 500901

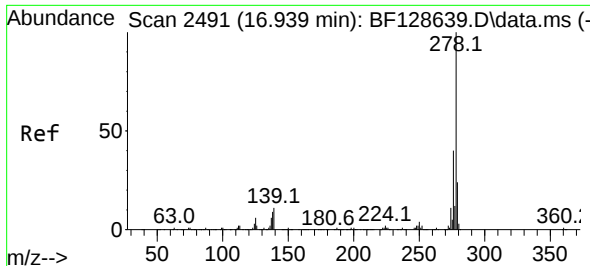
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

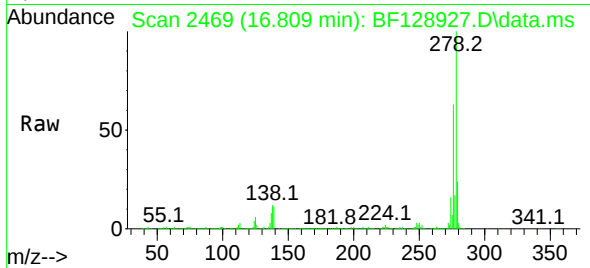
125 7.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 53.500 ng
RT: 16.809 min Scan# 2491
Delta R.T. 0.006 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51

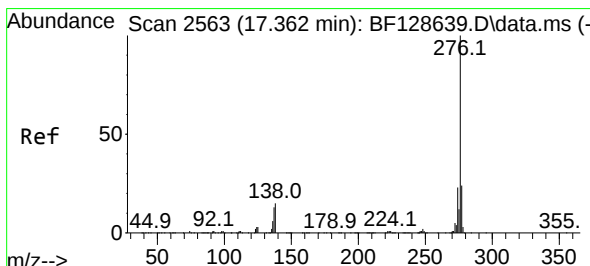
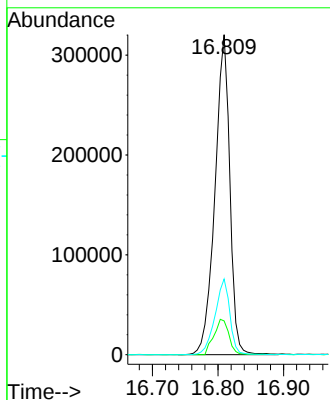
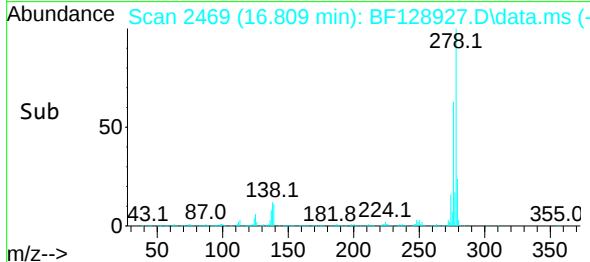
Instrument :
BNA_F
ClientSampleId :
PB145629BS



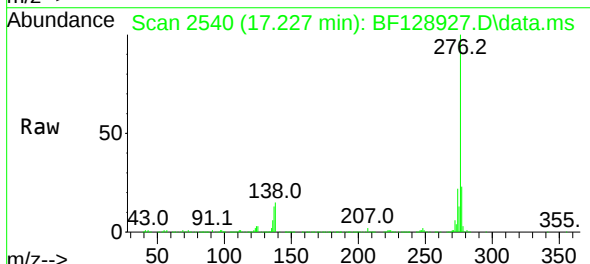
Tgt Ion: 278 Resp: 50213
Ion Ratio Lower Upper
278 100
139 10.6 12.8 19.2
279 23.6 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 06/23/2022
Supervised By : Jagrut Upadhyay 06/23/2022



#92
Benzo(g,h,i)perylene
Concen: 51.225 ng
RT: 17.227 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF128927.D
Acq: 22 Jun 2022 12:51



Tgt Ion: 276 Resp: 476497
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 14.8 18.0 27.0

